WKE

PROJECT ID: 2040-23-70

WITH: 2060-20-70

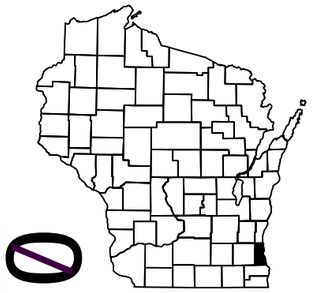
COUNTY: MILWAUKEE

SEPTEMBER 2026

ORDER OF SHEETS

Section No.	1	Title
Section No.	2	Typical Sections and Details
Section No.	3	Estimate of Quantities
Section No.	3	Miscellaneous Quantities
Section No.	4	Right of Way Plat
~~Section No.~~	~~5~~	~~Plan and Profile~~
Section No.	6	Standard Detail Drawings
Section No.	7	Sign Plates
~~Section No.~~	~~8~~	~~Structure Plans~~
~~Section No.~~	~~9~~	~~Computer Earthwork Data~~
~~Section No.~~	~~9~~	~~Cross Sections~~

TOTAL SHEETS = 260



07

N

DESIGN DESIGNATION 2040-23-70

A.A.D.T.	2024	=	17,000
A.A.D.T.	2044	=	20,300
D.H.V.		=	2,460
D.D.		=	59/41
T.		=	5%
DESIGN SPEED		=	45 MPH
ESALS		=	1,650,000

CONVENTIONAL SYMBOLS

PLAN

- CORPORATE LIMITS
- PROPERTY LINE
- LOT LINE
- LIMITED HIGHWAY EASEMENT
- EXISTING RIGHT OF WAY
- PROPOSED OR NEW R/W LINE
- SLOPE INTERCEPT
- REFERENCE LINE (300'EB')
- EXISTING CULVERT
- PROPOSED CULVERT (Box or Pipe)
- COMBUSTIBLE FLUIDS (CAUTION)
- MARSH AREA
- WOODED OR SHRUB AREA

PROFILE

- GRADE LINE
- ORIGINAL GROUND
- MARSH OR ROCK PROFILE (To be noted as such) (ROCK)
- SPECIAL DITCH (LABEL)
- GRADE ELEVATION (95.36)
- CULVERT (Profile View)

UTILITIES

- ELECTRIC (E)
- FIBER OPTIC (FO)
- GAS (G)
- SANITARY SEWER (SAN)
- STORM SEWER (SS)
- TELEPHONE (T)
- WATER (W)
- UTILITY PEDESTAL
- POWER POLE
- TELEPHONE POLE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

C OAK CREEK, RYAN ROAD

STH 38 TO SHEPARD AVE

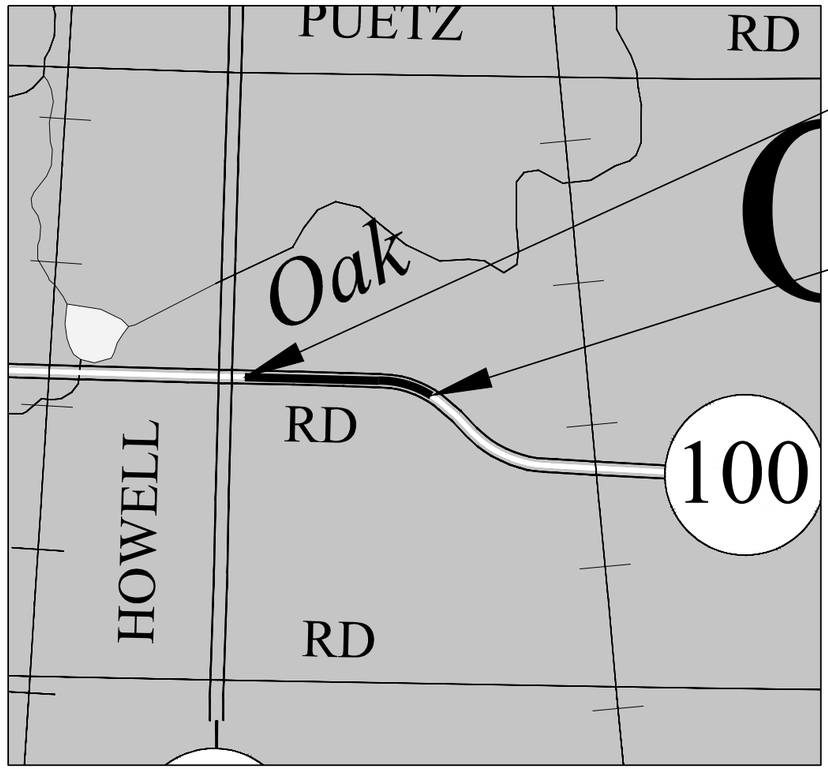
STH 100
MILWAUKEE

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
2040-23-70	WISC 2026419	1

STATE PROJECT NUMBER

2040-23-70

R22E



BEGIN PROJECT
STA 103+35
X = 605209.7112
Y = 238863.5980

PROJECT END
STA 133+75
X = 608241.9546
Y = 238722.700

LAYOUT

SCALE 0 0.5 MI

TOTAL NET LENGTH OF CENTERLINE = 0.576 MI

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COORDINATE REFERENCE SYSTEM (WISCRS), MILWAUKEE COUNTY, NAD83 (2011), IN U.S. SURVEY FEET. POSITIONS SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES ARE THE SAME AS GROUND DISTANCES.

ELEVATIONS ARE REFERENCED TO NAVD 88 (2012). GPS DERIVED ELEVATIONS ARE BASED ON GEOID G12-A

ORIGINAL PLANS PREPARED BY

CORRE ENGINEERING

MADISON | EAU CLAIRE | WAUKESHA | APPLETON | TOMAH | WAUSAU

WISCONSIN JESSICA D. LEWIS E-37589 Lake Geneva, WI PROFESSIONAL ENGINEER

DATE: 1/21/26 Jessica Lewis (Signature)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	WISDOT/CORRE, INC.
Designer	CORRE, INC.
Project Manager	JUSTIN SUYDAM
Regional Examiner	RICH HERRICK
Regional Supervisor	JANET CANNON

APPROVED FOR THE DEPARTMENT

DATE: 1/30/26 Justin Suydam (Signature)

E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\2040-23-00_STH 100_MILWAUKEE CO\500_CADD\501_C3D_2022\20402300\SHEETS\010101-TI.DWG PLOT DATE : 1/21/2026 11:22 AM PLOT BY : JESSICA LEWIS, PE PLOT NAME :

GENERAL NOTES

THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN. COORDINATE CONSTRUCTION ACTIVITIES WITH A CALL TO DIGGERS HOTLINE AND/OR A DIRECT CALL TO THE UTILITIES THAT HAVE FACILITIES IN THE AREA. NOT ALL UTILITIES ARE MEMBERS OF DIGGERS HOTLINE.

ANY REINFORCEMENT LOCATED IN EXISTING CONCRETE PAVEMENT SHALL BE CONSIDERED INCIDENTAL TO THE REMOVING PAVEMENT ITEM, AND NO ADDITIONAL COMPENSATION WILL BE GRANTED.

CURB AND GUTTER GRADES ARE GIVEN TO THE FLANGE OF CURB AND GUTTER OR THEORETICAL FLANGE POINT OF INTEGRAL CURB AND GUTTER. CURB AND GUTTER RADII ARE MEASURED TO THE FLANGE OF CURB AND GUTTER OR THEORETICAL FLANGE POINT OF INTEGRAL CURB AND GUTTER.

FOR INLET AND CATCH BASIN STRUCTURES LOCATED IN THE CURB OR IN FRONT OF BARRIER, STATION, OFFSET, AND ELEVATIONS ARE GIVEN TO THE FLOW LINE. MH STATION, OFFSET, AND ELEVATIONS ARE GIVEN TO THE CENTER OF STRUCTURE. SEE CONSTRUCTION DETAILS.

VERIFY EXISTING PAVEMENT ELEVATIONS AT ALL TIE-INS TO EXISTING PAVEMENT PRIOR TO CONSTRUCTION. NOTIFY ENGINEER IF A DISCREPANCY IS FOUND BETWEEN PROPOSED PLAN ELEVATIONS AND EXISTING PAVEMENT ELEVATIONS.

PLACE TOPSOIL 1 INCH BELOW THE TOP OF ADJACENT CONCRETE CURBS OR SIDEWALKS IN RESTORATION AREAS.

ALL SIGN LOCATIONS SHALL BE REVIEWED BY THE ENGINEER PRIOR TO INSTALLATION.

EXISTING DRIVEWAYS AND FIELD ENTRANCES SHALL BE RESTORED IN KIND AS DIRECTED BY THE ENGINEER IN THE FIELD AND AT THE LOCATION DETERMINED BY THE ENGINEER.

PLACE HMA PAVEMENT WHEN THE ADJACENT, PREVIOUSLY PLACED PAVEMENT, IS 200 DEGREES FAHRENHEIT OR GREATER BY PAVING IN ECHELON LANES 2 AND 3/SHOULDER.

STH 100 4-INCHES		
LAYER	THICKNESS	TYPE
UPPER	2-INCHES	5MT 58-28H
LOWER	2-INCHES	5MT 58-28H

STH 100 6 1/4-INCHES		
LAYER	THICKNESS	TYPE
UPPER	4-INCHES	TEMPORARY ASPHALT SURFACE
LOWER	2 1/4-INCHES	5MT 58-28H

UTILITY CONTACTS

COMMUNICATIONS

AT&T WISCONSIN
NATHAN GIBERT
411 7TH STREET
RACINE, WI 53403
PHONE: (262) 720-8235
EMAIL: NG952W@ATT.COM

SEWER

MILWAUKEE METROPOLITAN SEWERAGE DISTRICT
MICHAEL LEE
260 W SEEBOTH STREET
MILWAUKEE, WI 53204
PHONE: (414) 225-2241
EMAIL: MLEE@MMSD.COM

COMMUNICATIONS

SPECTRUM
JUSTIN WENDT
1320 N. DR. MARTIN LUTHER KING JR DRIVE
MILWAUKEE, WI 53212
PHONE: (414) 430-7324
EMAIL: JUSTIN.WENDT@CHARTER.COM

GAS/PETROLEUM

WE ENERGIES
NICHOLAS CONLISS
7815 NORTHWESTERN AVENUE
RACINE, WI 53406
PHONE: (262) 365-6437
EMAIL: NICHOLAS.CONLISS@WE-ENERGIES.COM

COMMUNICATIONS

CITY OF OAK CREEK
ANDREW LEDGER
8640 S HOWELL AVE
OAK CREEK, WI 53154
PHONE: (414) 766-7029
EMAIL: ALEDGER@OAKCREEKWI.ORG

SEWER

OAK CREEK WATER AND SEWER UTILITY
BRIAN JOHNSTON
170 WEST DREXEL AVENUE
OAK CREEK, WI 53154
PHONE: (414) 570-8210
EMAIL: BJOHNSTON@WATER.OAK-CREEK.WI.US

COMMUNICATIONS

TDS TELECOM OSP
TDS UTILITY COORDINATOR
525 JUNCTION ROAD
MADISON, WI 53717
PHONE: (608) 664-0132
EMAIL: TDSTELECOMOSP@TDSTELECOM.COM

ELECTRICITY

MILWAUKEE COUNTY PARKS DEPARTMENT
BLAKE PRUSAK
1150 N 68TH STREET
MILWAUKEE, WI 53213
PHONE: 414-640-2204
EMAIL: BLAKE.PRUSAK@MILWAUKEECOUNTYWI.GOV

WATER

OAK CREEK WATER AND SEWER UTILITY
BRIAN JOHNSTON
8040 S 6TH STREET
OAK CREEK, WI 53154
PHONE: (414) 766-6624
EMAIL: BJOHNSTON@WATER.OAK-CREEK.WI.US

ELECTRICITY

WE ENERGIES
ERIC KICKHAVER
500 S 116TH STREET
WEST ALLIS, WI 53214
PHONE: (262) 806-9197
EMAIL: ERIC.KICKHAVER1@WE-ENERGIES.COM

WISCONSIN DNR LIAISON

RYAN PAPPAS
SOUTHERN REGION
141 NW BARSTOW ROOM 180
WAUKESHA, WI 53118
PHONE: (414) 750-7495
EMAIL: RYAN.PAPPAS@WISCONSIN.GOV

SEWRPC

ROB MERRY
SOUTHEASTERN WISCONSIN REGIONAL PLANNING COMMISSION
W 239 N 1812 ROCKWOOD DRIVE P.O. BOX 1607
WAUKESHA, WI 53187-1607
PHONE: (262) 953-4289
EMAIL: RMERRY@SEWRPC.ORG

SEWRPC

ANDY TRAEGER
SOUTHEASTERN WISCONSIN REGIONAL PLANNING COMMISSION
W 239 N 1812 ROCKWOOD DRIVE P.O. BOX 1607
WAUKESHA, WI 53187-1607
PHONE: (262) 953-4296
EMAIL: ATRAEGER@SEWRPC.ORG

DESIGN CONTACT

JESSICA LEWIS, P.E.
CORRE, INC.
20900 SWENSON DRIVE SUITE 800
WAUKESHA, WI 53186
PHONE: (262) 393-1508
EMAIL: JLEWIS@CORREINC.COM

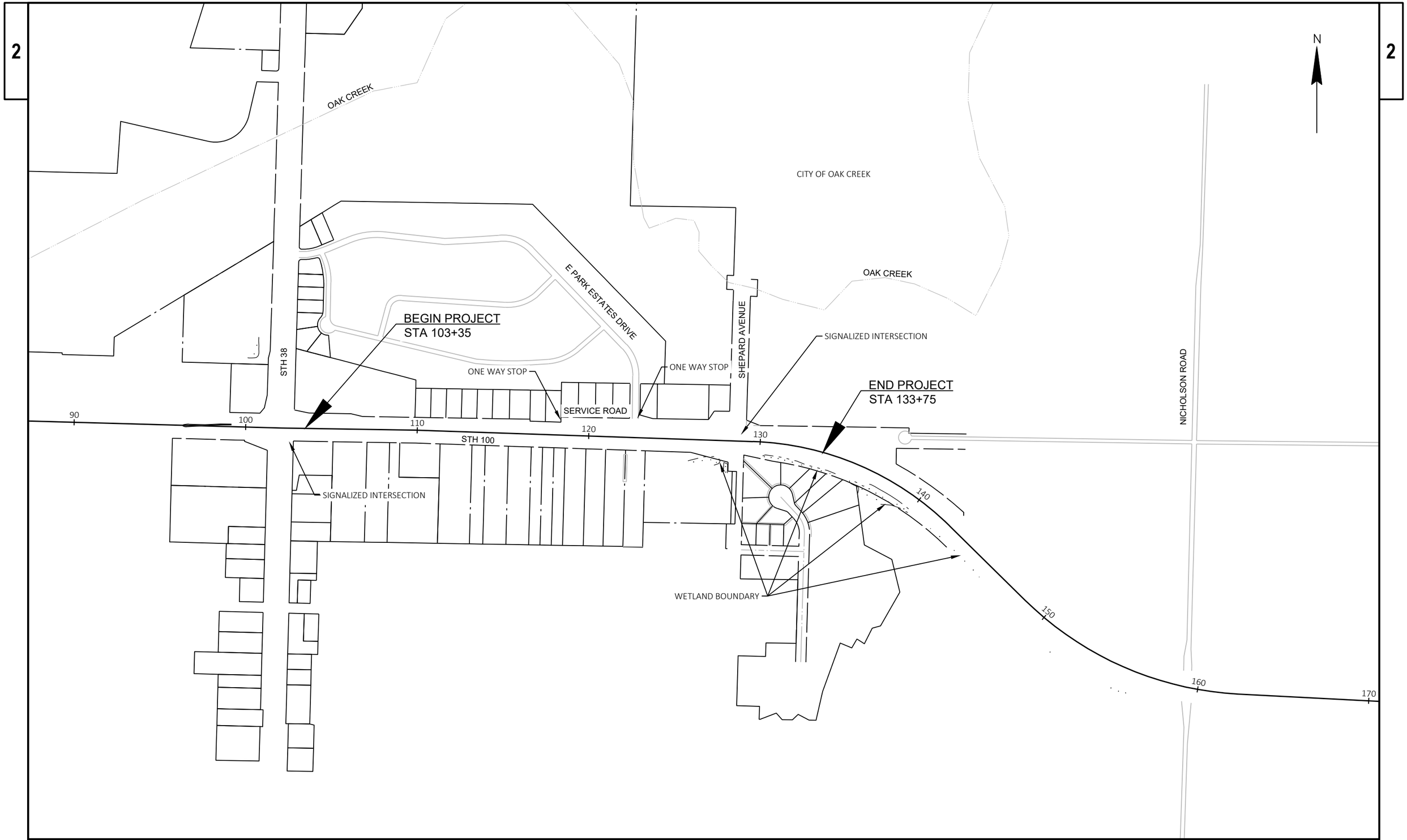
OAK CREEK POLICE DEPT.

CITY OF OAK CREEK POLICE DEPARTMENT
301 W. RYAN ROAD
OAK CREEK, WI 53154
PHONE: (414) 762-8200

DIGGERS HOTLINE
Dial 811 or (800)242-8511
www.DiggersHotline.com

ORDER OF SECTION 2 DETAIL SHEETS

GENERAL NOTES
PROJECT OVERVIEW
TYPICAL SECTIONS
CONSTRUCTION DETAILS
REMOVAL PLANS
PLAN DETAILS
CURB RAMP DETAILS
EROSION CONTROL
PERMANENT SIGNING
TRAFFIC SIGNAL, REMOVAL
TRAFFIC SIGNAL, PLAN
PAVEMENT MARKING
TRAFFIC CONTROL AND PEDESTRIAN ACCOMMODATIONS



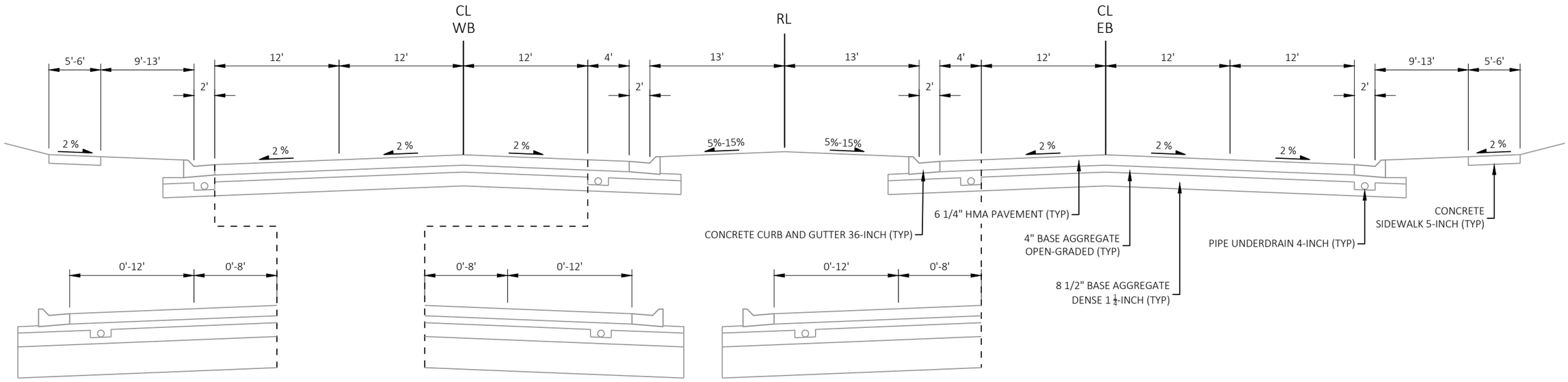
PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	PROJECT OVERVIEW	SHEET 3	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS - 2040-23-00_STH 100_MILWAUKEE CO\500_CADD\501_C3D_2022\20402300\SHEETS\020201-PO.DWG
LAYOUT NAME - 01

PLOT DATE : 1/16/2026 12:46 PM PLOT BY : JEFF KOMOROWSKI, PE PLOT NAME : PLOT SCALE : 1 IN:500 FT

WISDOT/CADDS SHEET 42

2



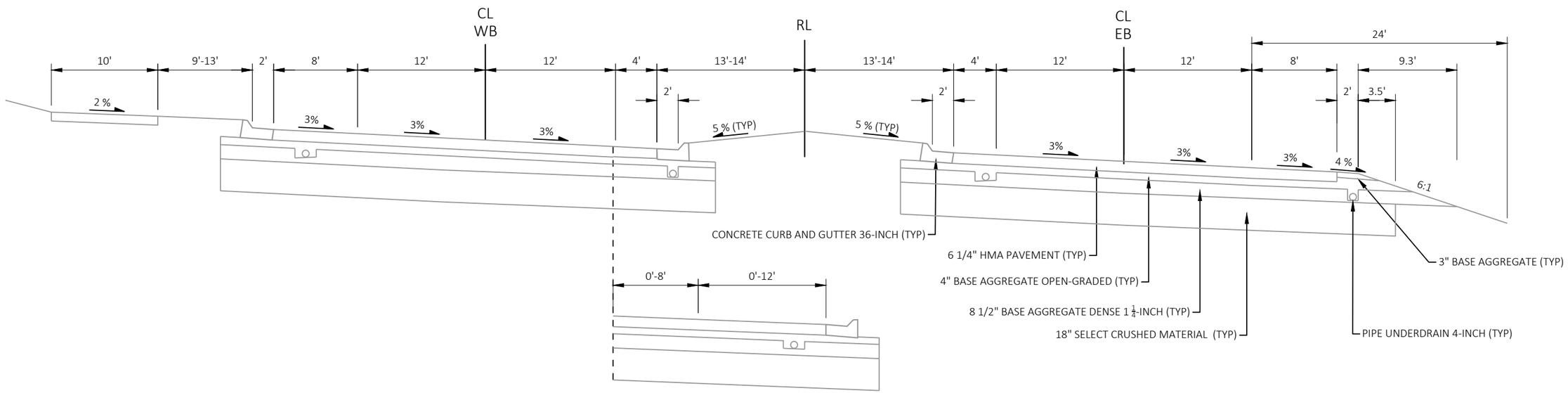
WB RIGHT TURN LANE
STA 103+35 - 106+83

WB LEFT TURN LANE
STA 103+35 - 106+96
STA 110+44 - 113+14
STA 123+04 - 125+71

EB LEFT TURN LANE
STA 106+95 - 109+63
STA 119+61 - 122+23
STA 123+48 - 127+95

EXISTING TYPICAL SECTION - STH 100

STA 103+35 - 128+50



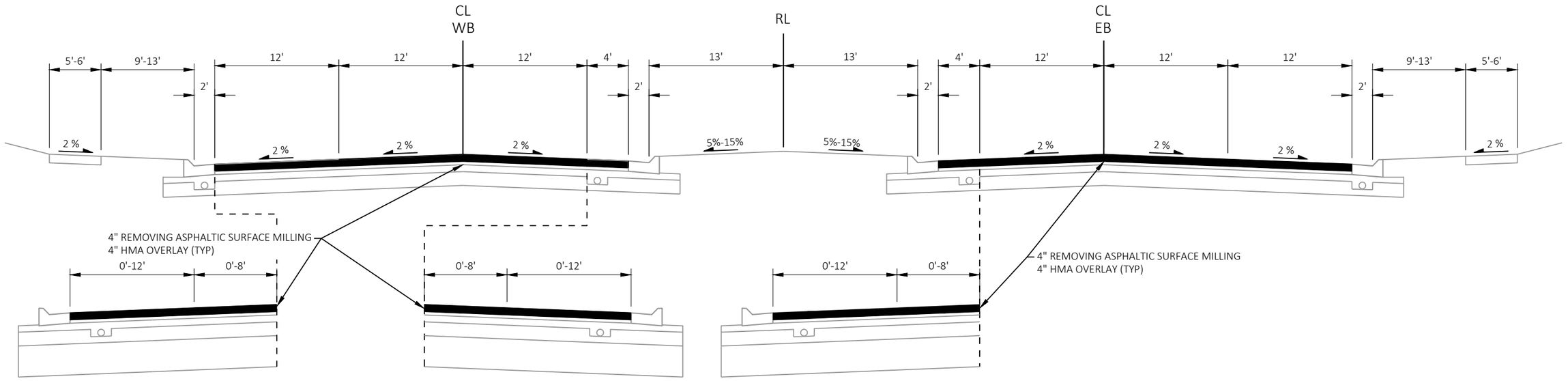
WB LEFT TURN LANE
STA 129+38 - 133+75

EXISTING TYPICAL SECTION - STH 100

STA 128+50 - 133+75

PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	TYPICAL SECTIONS	SHEET 4	E

2



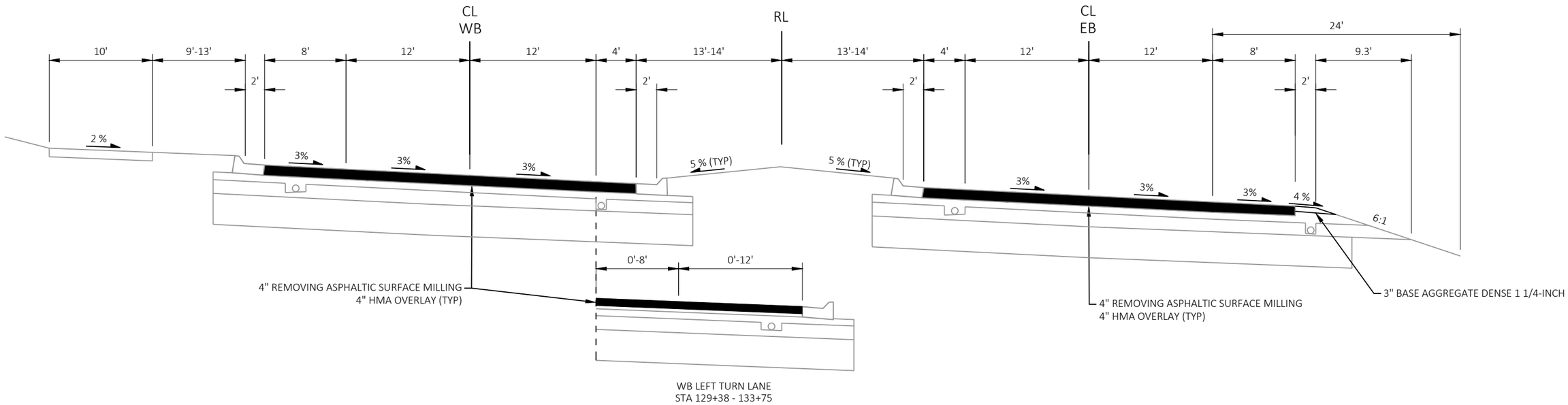
RIGHT TURN LANE
STA 103+35 - 106+83

WB LEFT TURN LANE
STA 103+35 - 106+96
STA 110+44 - 113+14
STA 123+04 - 125+71

EB LEFT TURN LANE
STA 106+95 - 109+63
STA 119+61 - 122+23
STA 123+48 - 127+95

FINISHED TYPICAL SECTION - STH 100

STA 103+35 - 128+50



WB LEFT TURN LANE
STA 129+38 - 133+75

FINISHED TYPICAL SECTION - STH 100

STA 128+50 - 133+75

PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	TYPICAL SECTIONS	SHEET 5	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS - 2040-23-00_STH 100_MILWAUKEE CO\500_CADD\501_C3D_2022\20402300\SHEETS\020301-TS.DWG
LAYOUT NAME - 02
PLOT DATE : 1/16/2026 12:46 PM
PLOT BY : JEFF KOMOROWSKI, PE
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

REMOVING CURB AND GUTTER AND PAVEMENT TO THE LIMITS SHOWN, EXCAVATING, PREPARING THE FOUNDATION AND SHIMMING ARE INCIDENTAL TO THE ADJUSTING OR RECONSTRUCTING BID ITEMS.

THE DEPARTMENT WILL PAY SEPARATELY FOR SAWING ASPHALT, SAWING CONCRETE, CONCRETE CURB & GUTTER AND DRILLED TIE BARS.

MONOLITHIC SHIM CONCRETE, CONCRETE PLACEMENT AND FINISHING IS INCIDENTAL TO THE CONCRETE CURB & GUTTER BID ITEM.

PREVENT CONCRETE AND OTHER DEBRIS FROM FALLING INTO STRUCTURE.

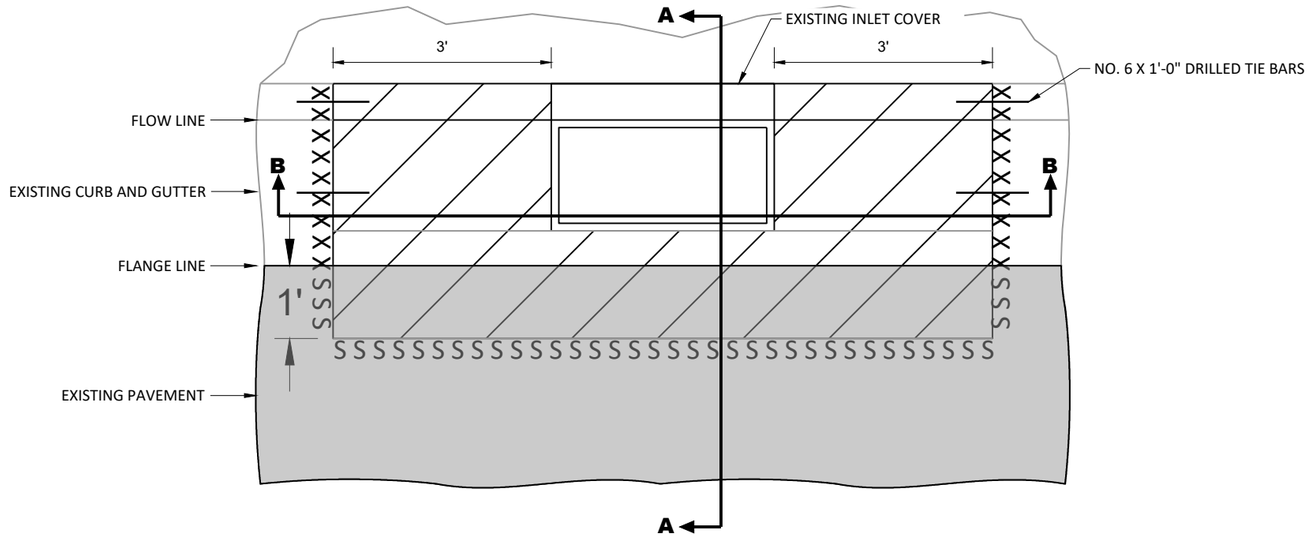
REFER TO PLAN DETAILS AND MISCELLANEOUS QUANTITIES FOR ADDITIONAL INFORMATION.

S S S SAWING ASPHALT

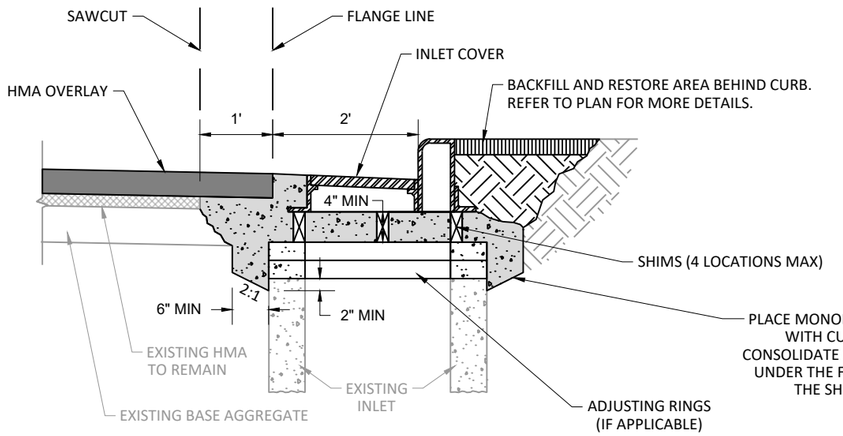
X X X SAWING CONCRETE

REMOVING CURB & GUTTER AND PAVEMENT

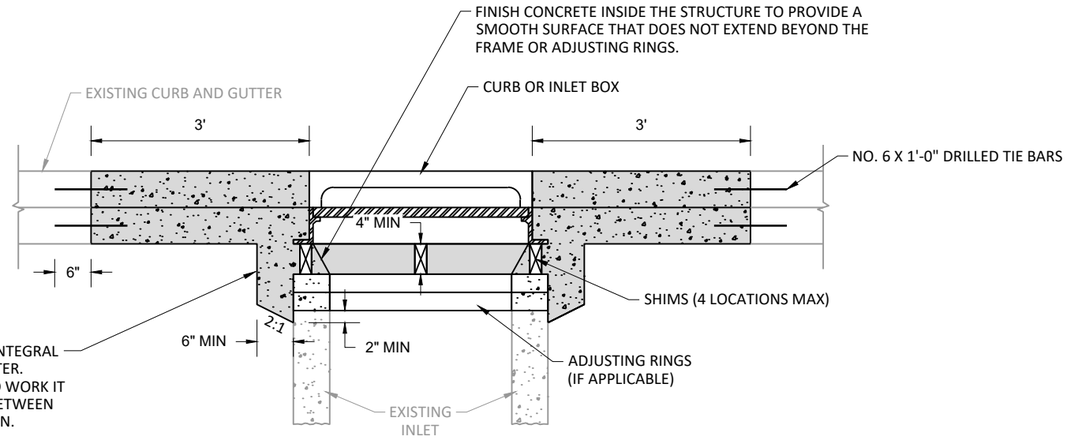
MONOLITHIC CONCRETE



PLAN VIEW



SECTION A-A

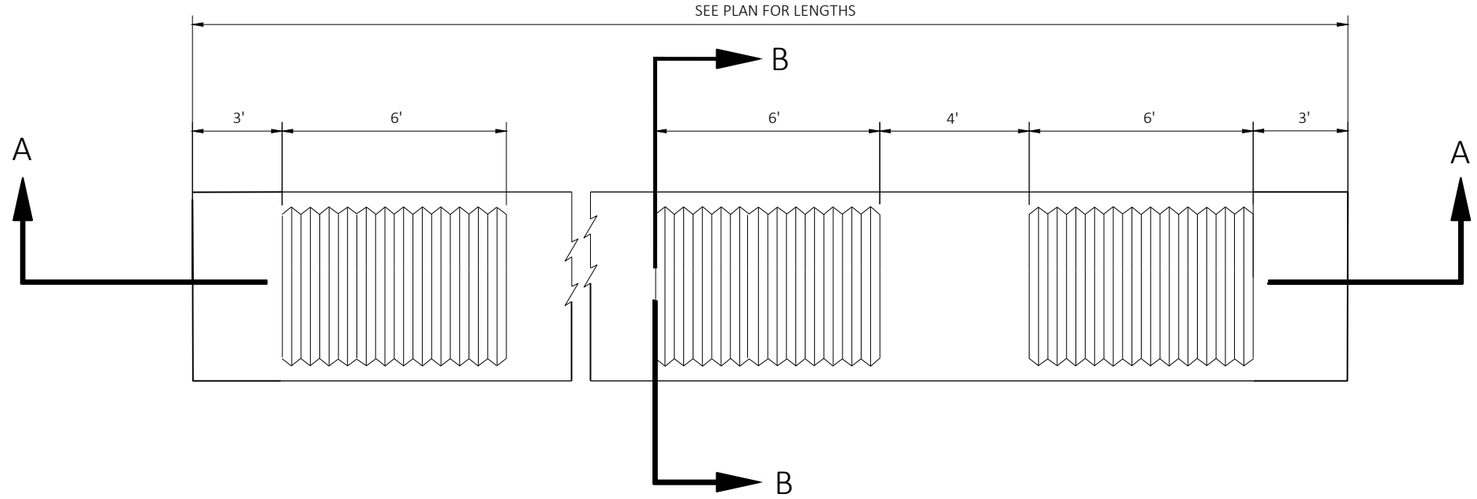


SECTION B-B

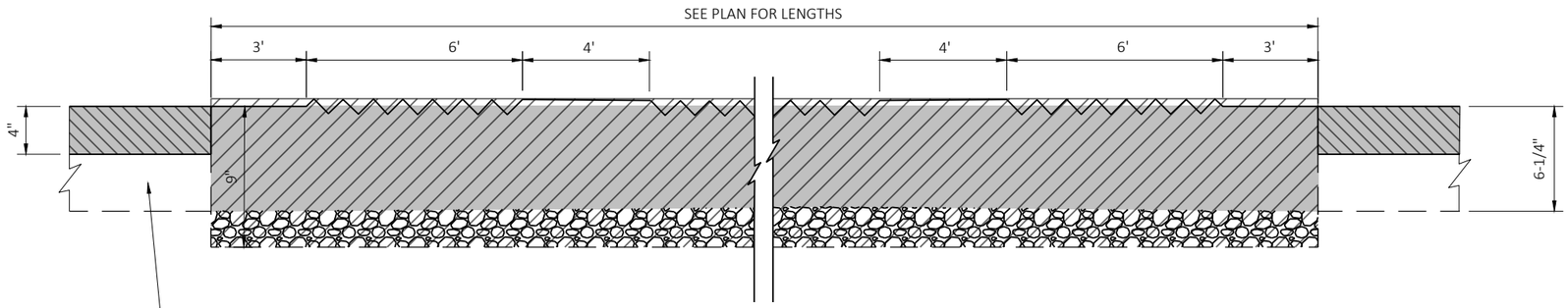
ADJUSTING / RECONSTRUCTING CATCH BASINS & INLETS - MONOLITHIC SHIM

PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	CONSTRUCTION DETAILS	SHEET 6	E

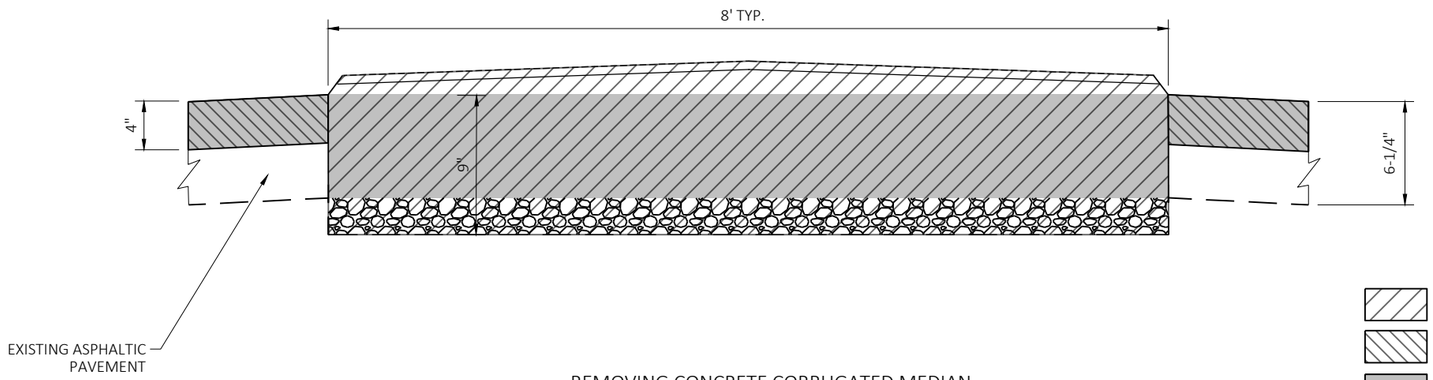
PLAN



SECTION A-A



SECTION B-B



REMOVING CONCRETE CORRUGATED MEDIAN

SEE PLAN DETAILS FOR LOCATIONS

REMOVING CONCRETE CORRUGATED MEDIAN (PAID FOR AS REMOVING CONCRETE PAVEMENT)

REMOVING ASPHALTIC SURFACE MILLING

HMA PAVEMENT

2-3/4" BASE AGGREGATE OPEN-GRADED

PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	CONSTRUCTION DETAILS	SHEET 7	E

LEGEND

ASPHALTIC REPAIR

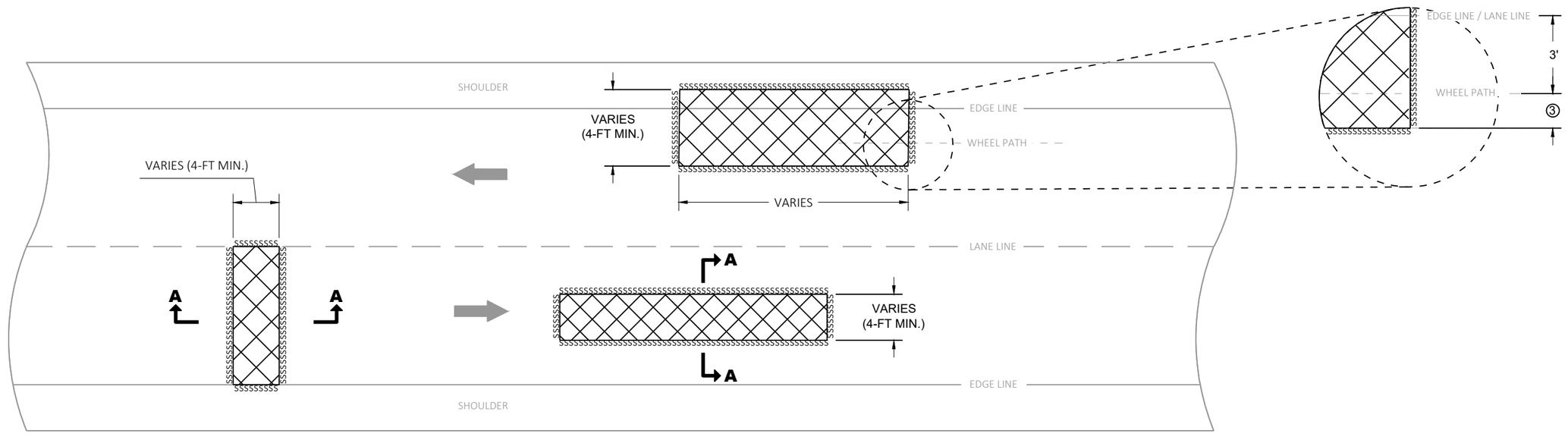
SSSSSS VERTICAL MILLED EDGE

TTTTTTT TACK COAT

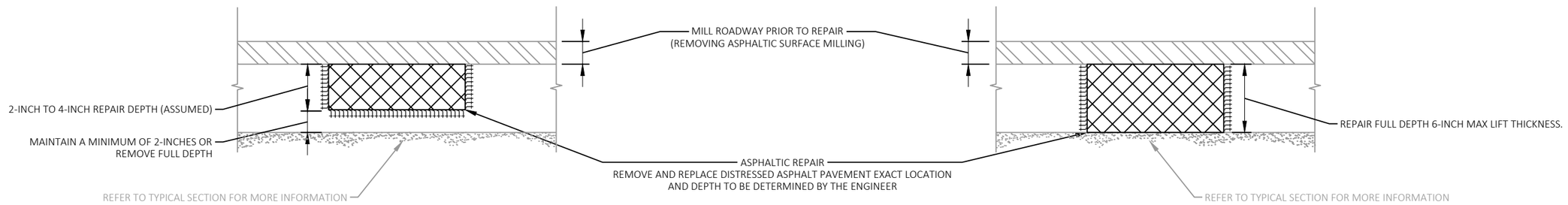
GENERAL NOTES

1. EXACT LOCATION, DEPTH AND SIZE OF REPAIR TO BE DETERMINED BY THE ENGINEER IN THE FIELD.
2. MILL PAVEMENT PER PLAN PRIOR TO MAKING ASPHALTIC REPAIR.
3. LOCATE LONGITUDINAL REPAIR JOINTS OUTSIDE OF WHEEL PATH. 12-INCH MINIMUM (24-INCH RECOMMENDED) FROM THE CENTER OF THE WHEEL PATH.
4. ASPHALTIC REPAIR PAVING TO BE DONE ON THE SAME DAY AS REMOVAL.

2



PLAN VIEW

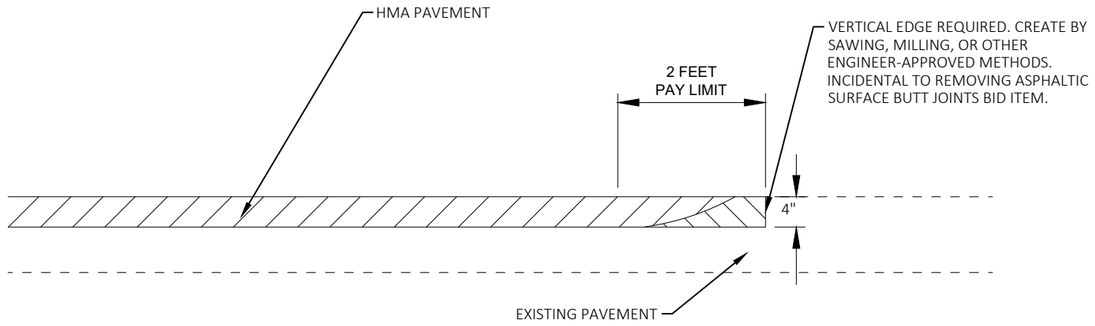


PARTIAL DEPTH **FULL DEPTH**

SECTION A-A

ASPHALTIC REPAIR

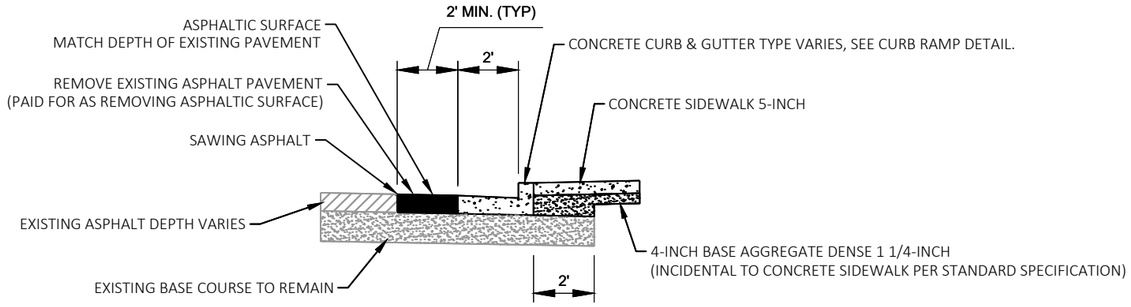
2



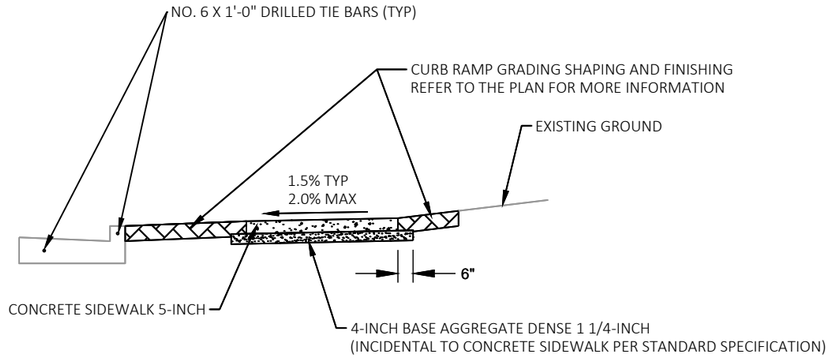
REMOVE MATERIAL UNDER ITEM 'REMOVING ASPHALTIC SURFACE BUTT JOINT'

REMOVING ASPHALTIC SURFACE MILLING

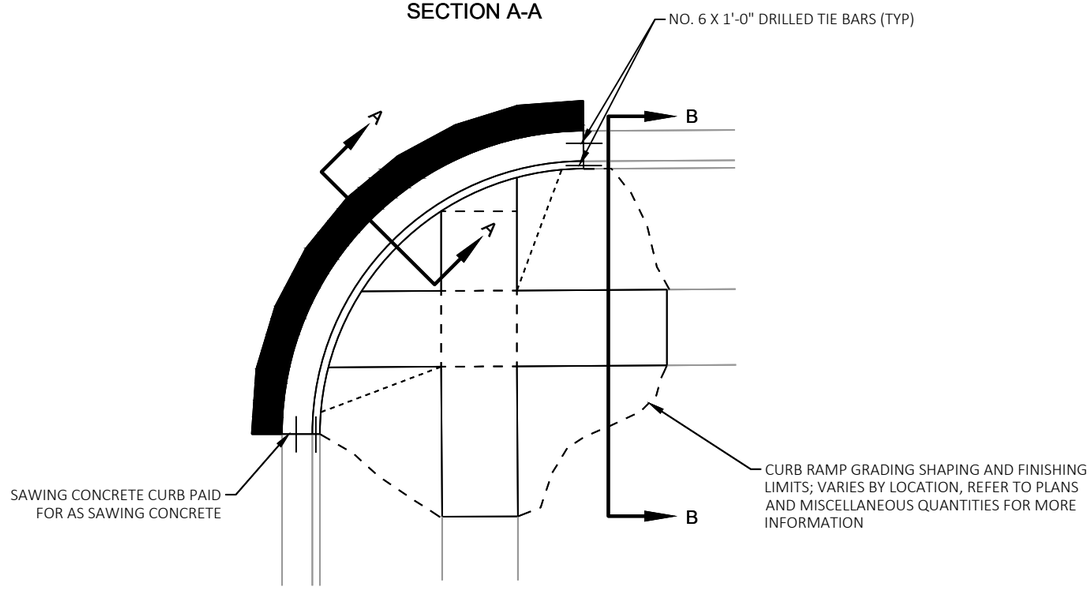
BUTT JOINT - NO CHANGE IN PROFILE



SECTION A-A



SECTION B-B



PLAN VIEW

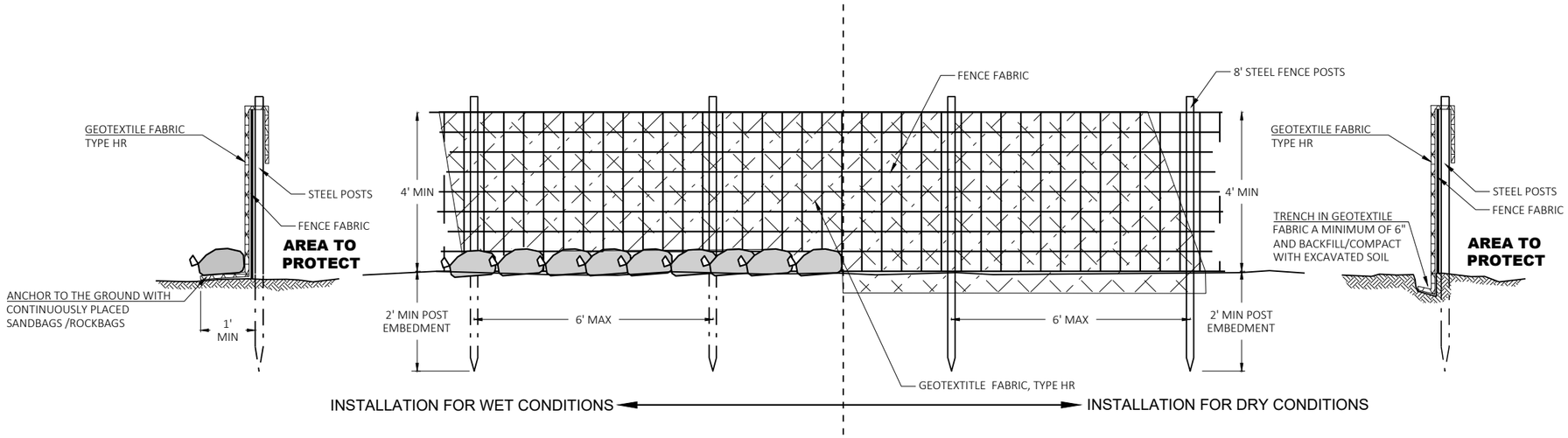
NOTES:
1. SEE CURB RAMP DETAILS FOR CURB & GUTTER SIZE AND GUTTER PAN SLOPES.
2. INSTALL 2 DRILLED TIE BARS AT EACH CONNECTION TO EXISTING CURB & GUTTER.
3. SUPPLEMENT BASE AGGREGATE AFTER REMOVAL OF PAVEMENT AND CURB AND GUTTER AS NEEDED TO REACH PLAN GRADES. INCIDENTAL TO CURB AND GUTTER OR PAVEMENT BID ITEM(S).

CURB RAMP REPLACEMENT

ADJACENT TO ASPHALT PAVEMENT

SER (20250810)

2



SILT FENCE HEAVY DUTY

(20210202)

GENERAL NOTES:

1. ATTACH FENCE FABRIC TO POSTS A MINIMUM OF 3 TIES PER POST (TOP, MIDDLE, BOTTOM)
2. ATTACH GEOTEXTILE FABRIC TO FENCE FABRIC AND/OR POSTS AT A MAXIMUM SPACING OF EVERY 2 FEET ALONG THE TOP AND ADDITIONALLY AS NECESSARY TO PREVENT DISPLACEMENT BY WIND AND WAVE ACTIONS.

2

LEGEND

- REMOVING ASPHALTIC SURFACE
- REMOVING BUTT JOINTS
- REMOVING CONCRETE CURB AND GUTTER
- REMOVING CONCRETE PAVEMENT
- REMOVING CONCRETE SIDEWALK
- 4" REMOVING ASPHALTIC SURFACE MILLING
- CSD REMOVING CONCRETE SURFACE DRAIN
- XXXXXX SAWING ASPHALT
- YYYYYY SAWING CONCRETE

N

BEGIN PROJECT
STA 103+35
MATCH PROJECT 2060-20-70
2' BUTT JOINT REQ'D

STH 38

STH 100

Y = 238865.704
X = 605081.180

101+00 102+00 103+00 104+00 105+00 106+00

T 22 N
20 20
29 29
R 5 E

BEGIN PROJECT
STA 103+42
MATCH PROJECT 2060-20-70
2' BUTT JOINT REQ'D

FILLER CAP

CANOPY

MATCH LINE 106+75

PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	REMOVAL PLANS	SHEET 12	E

2

LEGEND

- REMOVING ASPHALTIC SURFACE
- REMOVING BUTT JOINTS
- REMOVING CONCRETE CURB AND GUTTER
- REMOVING CONCRETE PAVEMENT
- REMOVING CONCRETE SIDEWALK
- 4" REMOVING ASPHALTIC SURFACE MILLING
- CSD — REMOVING CONCRETE SURFACE DRAIN
- XXXXXX — SAWING ASPHALT
- YYYYYY — SAWING CONCRETE

N

MATCH LINE 106+75

STH 100

107+00 108+00 109+00 110+00 111+00 112+00

MATCH LINE 112+50

PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	REMOVAL PLANS	SHEET 13	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS - 2040-23-00_STH 100_MILWAUKEE CO\500_CADD\501_C3D_2022\20402300\SHEETS\021101-RM.DWG
LAYOUT NAME - 02

PLOT DATE : 1/16/2026 12:46 PM PLOT BY : JEFF KOMOROWSKI, PE PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

LEGEND

- REMOVING ASPHALTIC SURFACE
- REMOVING BUTT JOINTS
- REMOVING CONCRETE CURB AND GUTTER
- REMOVING CONCRETE PAVEMENT
- REMOVING CONCRETE SIDEWALK
- 4" REMOVING ASPHALTIC SURFACE MILLING
- CSD REMOVING CONCRETE SURFACE DRAIN
- XXXXXX SAWING ASPHALT
- YYYYYY SAWING CONCRETE

N

MATCH LINE 112+50

STH 100

113+00 114+00 115+00 116+00 117+00 118+00

CANOPY

MATCH LINE 118+25

PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	REMOVAL PLANS	SHEET 14	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS - 2040-23-00_STH 100_MILWAUKEE CO\500_CADD\501_C3D_2022\20402300\SHEETS\021101-RM.DWG
LAYOUT NAME - 03

PLOT DATE : 1/16/2026 12:46 PM PLOT BY : JEFF KOMOROWSKI, PE PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

CONSTRUCTION LIMIT
79.2' LT
MATCH EXISTING
2' BUTT JOINT REQ'D

CONSTRUCTION LIMIT
108.3' LT
MATCH EXISTING
2' BUTT JOINT REQ'D

2' BUTT JOINT REQ'D

2' BUTT JOINT REQ'D

PARKWAY ESTATES DR

SERVICE ROAD

STH 100

MATCH LINE 118+25

MATCH LINE 124+00

119+00 120+00 121+00 122+00 123+00

N

LEGEND

- REMOVING ASPHALTIC SURFACE
- REMOVING BUTT JOINTS
- REMOVING CONCRETE CURB AND GUTTER
- REMOVING CONCRETE PAVEMENT
- REMOVING CONCRETE SIDEWALK
- 4" REMOVING ASPHALTIC SURFACE MILLING
- CSD — REMOVING CONCRETE SURFACE DRAIN
- XXXXXX — SAWING ASPHALT
- YYYYYY — SAWING CONCRETE

PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	REMOVAL PLANS	SHEET 15	E

2

CONSTRUCTION LIMIT
139.4' LT
MATCH EXISTING
2' BUTT JOINT REQ'D

SHEPARD AVE

N

SERVICE ROAD

STH 100

MATCH LINE 124+00

Y = 238822.100
X = 607740.932

22
21 21
28 28
5

125+00 126+00 127+00 128+00 129+00 130

REMOVE STORM SEWER INLET

MATCH LINE 130+00

CSD

REMOVE STORM SEWER PIPE

WETLAND BOUNDARY

CONSTRUCTION LIMIT
137.4' LT
MATCH EXISTING
2' BUTT JOINT REQ'D

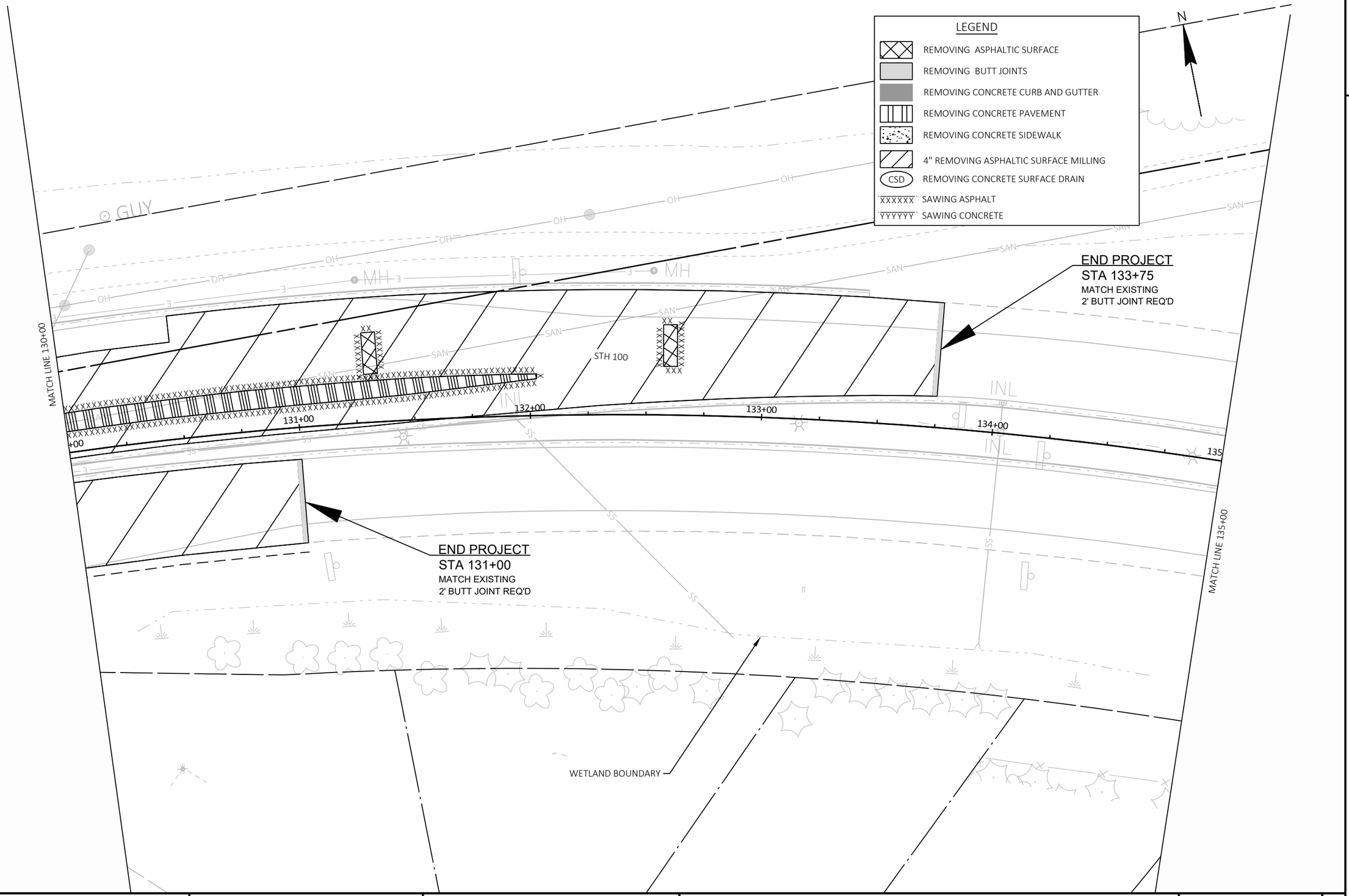
LEGEND

- REMOVING ASPHALTIC SURFACE
- REMOVING BUTT JOINTS
- REMOVING CONCRETE CURB AND GUTTER
- REMOVING CONCRETE PAVEMENT
- REMOVING CONCRETE SIDEWALK
- 4" REMOVING ASPHALTIC SURFACE MILLING
- CSD REMOVING CONCRETE SURFACE DRAIN
- XXXXXX SAWING ASPHALT
- YYYYYY SAWING CONCRETE

PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	REMOVAL PLANS	SHEET 16	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS - 2040-23-00_STH 100_MILWAUKEE CO\500_CADD\501_C3D_2022\20402300\SHEETS\021101-RM.DWG
LAYOUT NAME - 05
PLOT DATE : 1/16/2026 12:46 PM PLOT BY : JEFF KOMOROWSKI, PE PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2



PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	REMOVAL PLANS	SHEET 17	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS - 2040-23-00_STH 100_MILWAUKEE CO\500_CADD\501_C3D_2022\20402300\SHEETS\021101-RM.DWG
LAYOUT NAME - 06
PLOT DATE : 1/16/2026 12:46 PM PLOT BY : JEFF KOMOROWSKI, PE PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

BENCH MARKS			
NO.	STATION	ELEV.	DESCRIPTION
10144	101+44.03 RT	689.172	CP CHSLED SQ E CORNER OF SW ISLAND

N

BEGIN PROJECT
STA 103+35
MATCH PROJECT 2060-20-70

BEGIN PROJECT
STA 103+42
MATCH PROJECT 2060-20-70

STH 38

STH 100

EXIST R/W

EXIST R/W

PI: 102+06.63

SECTION CORNER MONUMENT
ID 522109
Y = 238865.704
X = 605081.180

S88°24'42"E

S89°03'41"E

101+00

102+00

103+00

104+00

105+00

106+00

HMA6A

HMA4

HMA4

TUCK

TUCK

10144

RIPRAP

SIGN

SIGN

SIGN

FILLER CAP

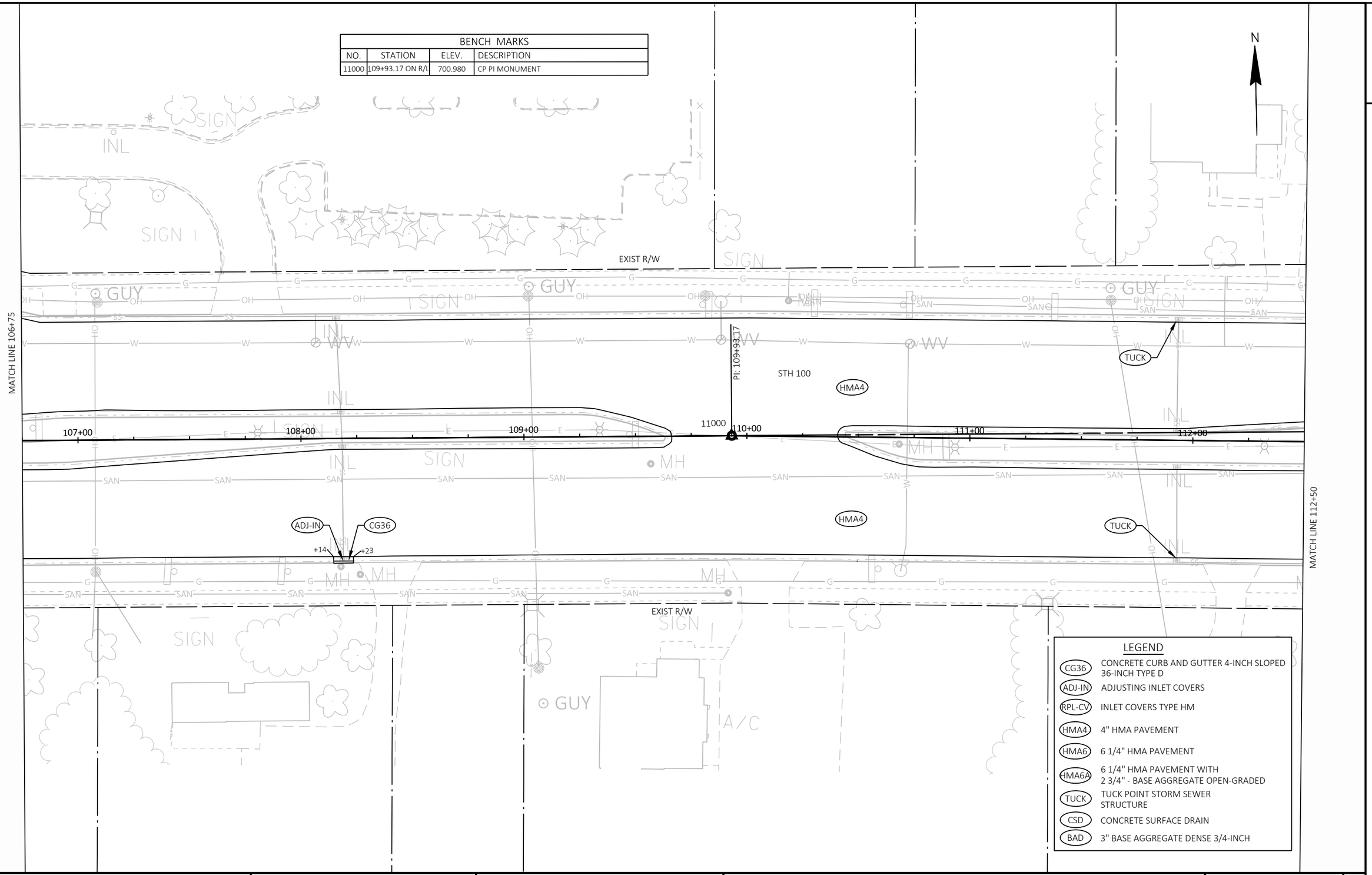
CANOPY

MATCH LINE 106+75

LEGEND

CG36	CONCRETE CURB AND GUTTER 4-INCH SLOPED 36-INCH TYPE D
ADJ-IN	ADJUSTING INLET COVERS
RPL-CV	INLET COVERS TYPE HM
HMA4	4" HMA PAVEMENT
HMA6	6 1/4" HMA PAVEMENT
HMA6A	6 1/4" HMA PAVEMENT WITH 2 3/4" - BASE AGGREGATE OPEN-GRADED
TUCK	TUCK POINT STORM SEWER STRUCTURE
CSD	CONCRETE SURFACE DRAIN
BAD	3" BASE AGGREGATE DENSE 3/4-INCH

BENCH MARKS			
NO.	STATION	ELEV.	DESCRIPTION
11000	109+93.17 ON R/L	700.980	CP PI MONUMENT



LEGEND

CG36	CONCRETE CURB AND GUTTER 4-INCH SLOPED 36-INCH TYPE D
ADJ-IN	ADJUSTING INLET COVERS
RPL-CV	INLET COVERS TYPE HM
HMA4	4" HMA PAVEMENT
HMA6	6 1/4" HMA PAVEMENT
HMA6A	6 1/4" HMA PAVEMENT WITH 2 3/4" - BASE AGGREGATE OPEN-GRADED
TUCK	TUCK POINT STORM SEWER STRUCTURE
CSD	CONCRETE SURFACE DRAIN
BAD	3" BASE AGGREGATE DENSE 3/4-INCH

2

2

N

EXIST R/W

MATCH LINE 112+50

TUCK

TUCK

HMA4

STH 100

113+00

114+00

115+00

116+00

117+00

118+00

HMA4

TUCK

TUCK

ADJ-IN

CG36

+88

+97

MATCH LINE 118+25

EXIST R/W

LEGEND

CG36	CONCRETE CURB AND GUTTER 4-INCH SLOPED 36-INCH TYPE D
ADJ-IN	ADJUSTING INLET COVERS
RPL-CV	INLET COVERS TYPE HM
HMA4	4" HMA PAVEMENT
HMA6	6 1/4" HMA PAVEMENT
HMA6A	6 1/4" HMA PAVEMENT WITH 2 3/4" - BASE AGGREGATE OPEN-GRADED
TUCK	TUCK POINT STORM SEWER STRUCTURE
CSD	CONCRETE SURFACE DRAIN
BAD	3" BASE AGGREGATE DENSE 3/4-INCH

PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	PLAN DETAILS	SHEET 20	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS - 2040-23-00_STH 100_MILWAUKEE CO\500_CADD\501_C3D_2022\20402300\SHEETS\021201-PD.DWG
LAYOUT NAME - 03
PLOT DATE : 7/10/2026 9:24 AM
PLOT BY : JEFF KOMOROWSKI, PE
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

2

CONSTRUCTION LIMIT
79.2' LT
MATCH EXISTING

CONSTRUCTION LIMIT
108.3' LT
MATCH EXISTING

PARKWAY ESTATES DR

N

STA 122+93.31, -116.97' LT

STA 122+39.16, -104.77' LT

EXIST R/W

+54.01, -67.13' LT

R30'

R12'

+98.11, -67.10' LT

SERVICE ROAD

HMA6

R8'

R13'

R10'

R13'

HMA6

HMA6

+17, -64.76' LT

R14'

HMA6

STA 122+32.25, -64.32' LT

+07.24, -67.99' LT

STA 122+34.05, -64.63' LT

R11'

R12'

STA 123+06.93, -68.54' LT

MATCH LINE 118+25

STH 100

HMA4

119+00

S88°04'28"E

120+00

121+00

122+00

123+00

124

HMA6

HMA6

HMA4

ADJ-IN

CG36

+92

+01

RPL-CV

HMA6

CG36

RPL-CV

ADJ-IN

+89

+98

MATCH LINE 124+00

EXIST R/W

TLE

LEGEND

CG36	CONCRETE CURB AND GUTTER 4-INCH SLOPED 36-INCH TYPE D
ADJ-IN	ADJUSTING INLET COVERS
RPL-CV	INLET COVERS TYPE HM
HMA4	4" HMA PAVEMENT
HMA6	6 1/4" HMA PAVEMENT
HMA6A	6 1/4" HMA PAVEMENT WITH 2 3/4" - BASE AGGREGATE OPEN-GRADED
TUCK	TUCK POINT STORM SEWER STRUCTURE
CSD	CONCRETE SURFACE DRAIN
BAD	3" BASE AGGREGATE DENSE 3/4-INCH

PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	PLAN DETAILS	SHEET 21	E

2

2

N

MATCH LINE 124+00

MATCH LINE 130+00

CONSTRUCTION LIMIT
139.4' LT
MATCH EXISTING

SHEPARD AVE

EXIST R/W

SERVICE ROAD

HMA6

+02.11, -95.34' LT

STA 129+41.89, -122.96' LT

STA 129+49.71, -112.88' LT

TLE

EXIST R/W

R27'

R49'

R60'

+76.40, -66.79' LT

R42'

HMA6

STH 100

TUCK

CG36

+04

+13

ADJ-IN

SECTION CORNER MONUMENT
ID 522110
Y = 238822.100
X = 607740.932

PC: 129+56.59

HMA4

HMA6

CG36

+79

+88

+78

+88

HMA6A

HMA6

+00

125+00

126+00

127+00

128+00

129+00

130

HMA6A

HMA6

+54

+64

CG36

+54

+64

HMA6

CONNECT STORM SEWER
TO EXISTING INLET

HMA4

HMA6

R43'

R42'

CSD

STA 129+18.55, 62.89' RT

HMA6

R10'

BAD

ADJ-IN

RPL-CV

EXIST R/W

CONCRETE BUS PAD
TO REMAIN

STORM SEWER PIPE REINFORCED
CONCRETE CLASS IV 24-INCH
IE (SE) = 88.76
IE (NW) = 88.05

+00.03, 102.42' RT

R61'

+31.90, 95.87' RT

R/W

TLE

EXIST R/W

+77.15, 131.57' RT

STA 129+68.83, 126.73' RT

WETLAND BOUNDARY

CONSTRUCTION LIMIT
137.4' RT
MATCH EXISTING

LEGEND

CG36	CONCRETE CURB AND GUTTER 4-INCH SLOPED 36-INCH TYPE D
ADJ-IN	ADJUSTING INLET COVERS
RPL-CV	INLET COVERS TYPE HM
HMA4	4" HMA PAVEMENT
HMA6	6 1/4" HMA PAVEMENT
HMA6A	6 1/4" HMA PAVEMENT WITH 2 3/4" - BASE AGGREGATE OPEN-GRADED
TUCK	TUCK POINT STORM SEWER STRUCTURE
CSD	CONCRETE SURFACE DRAIN
BAD	3" BASE AGGREGATE DENSE 3/4-INCH

PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	PLAN DETAILS	SHEET 22	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS - 2040-23-00_STH 100_MILWAUKEE CO\500_CADD\501_C3D_2022\20402300\SHEETS\021201-PD.DWG
LAYOUT NAME - 05

PLOT DATE : 7/10/2026 9:24 AM PLOT BY : JEFF KOMOROWSKI, PE PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

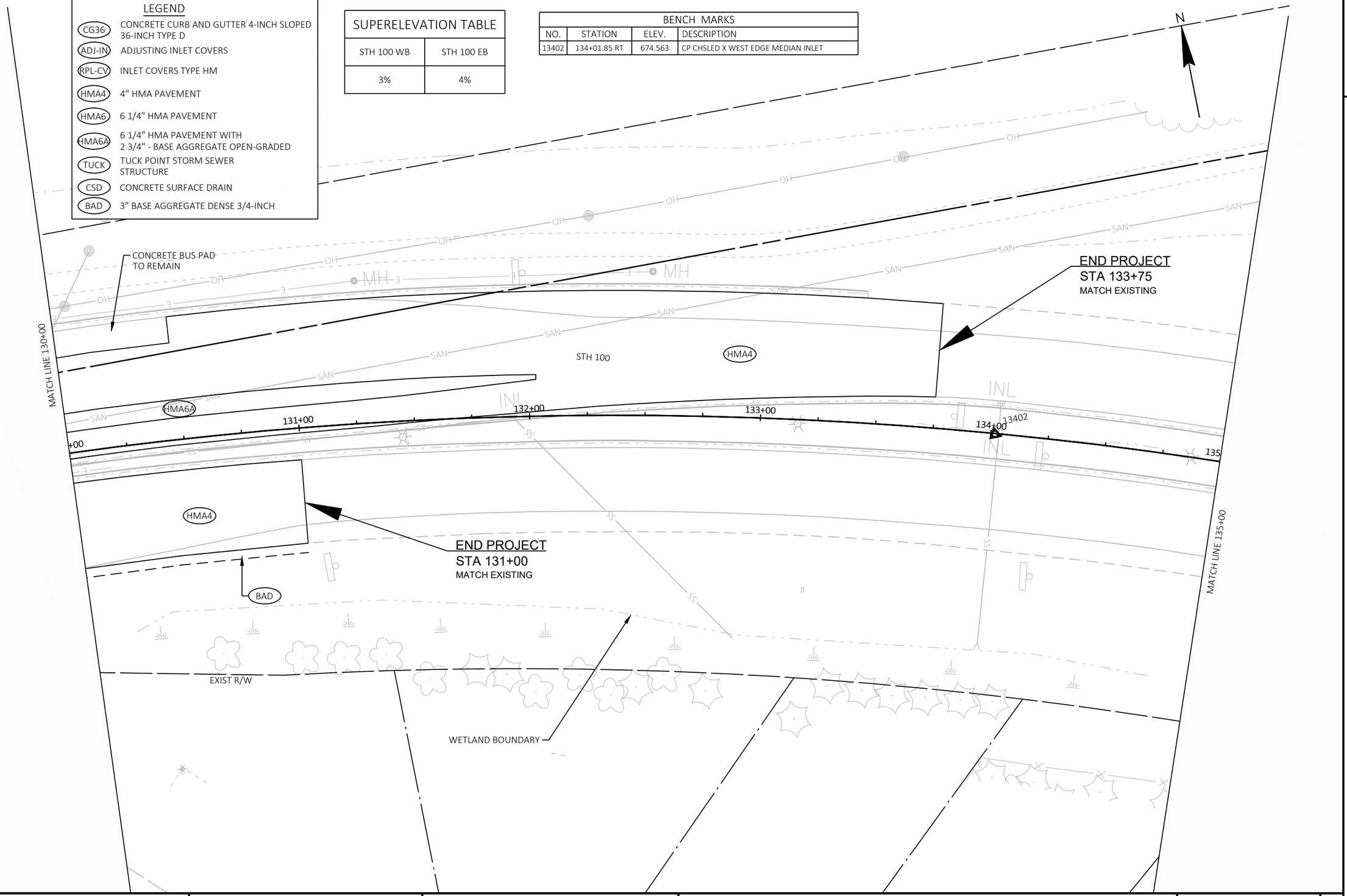
2

LEGEND

CG36	CONCRETE CURB AND GUTTER 4-INCH SLOPED 36-INCH TYPE D
ADJ-IN	ADJUSTING INLET COVERS
RPL-CV	INLET COVERS TYPE HM
HMA4	4" HMA PAVEMENT
HMA6	6 1/4" HMA PAVEMENT
HMA6A	6 1/4" HMA PAVEMENT WITH 2 3/4" - BASE AGGREGATE OPEN-GRADED
TUCK	TUCK POINT STORM SEWER STRUCTURE
CSD	CONCRETE SURFACE DRAIN
BAD	3" BASE AGGREGATE DENSE 3/4-INCH

SUPERELEVATION TABLE	
STH 100 WB	STH 100 EB
3%	4%

BENCH MARKS			
NO.	STATION	ELEV.	DESCRIPTION
13402	134+01.85 RT	674.563	CP CHSLED X WEST EDGE MEDIAN INLET



PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	PLAN DETAILS	SHEET 23	E

2

LEGEND

CG36	CONCRETE CURB AND GUTTER 4-INCH SLOPED 36-INCH TYPE D
ADJ-IN	ADJUSTING INLET COVERS
RPL-CV	INLET COVERS TYPE HM
HMA4	4" HMA PAVEMENT
HMA6	6 1/4" HMA PAVEMENT
HMA6A	6 1/4" HMA PAVEMENT WITH 2 3/4" - BASE AGGREGATE OPEN-GRADED
TUCK	TUCK POINT STORM SEWER STRUCTURE
CSD	CONCRETE SURFACE DRAIN
BAD	3" BASE AGGREGATE DENSE 3/4-INCH

N

STA 136+42
24" RCP
RESETTING APRON ENDWALL

STA 136+48
24" RCP
RESETTING APRON ENDWALL

SAN

I SIGN

MATCH LINE 135+00

STH 100

INL

INL

INL

136+00

137+00

138+00

139+00

140+00

SS

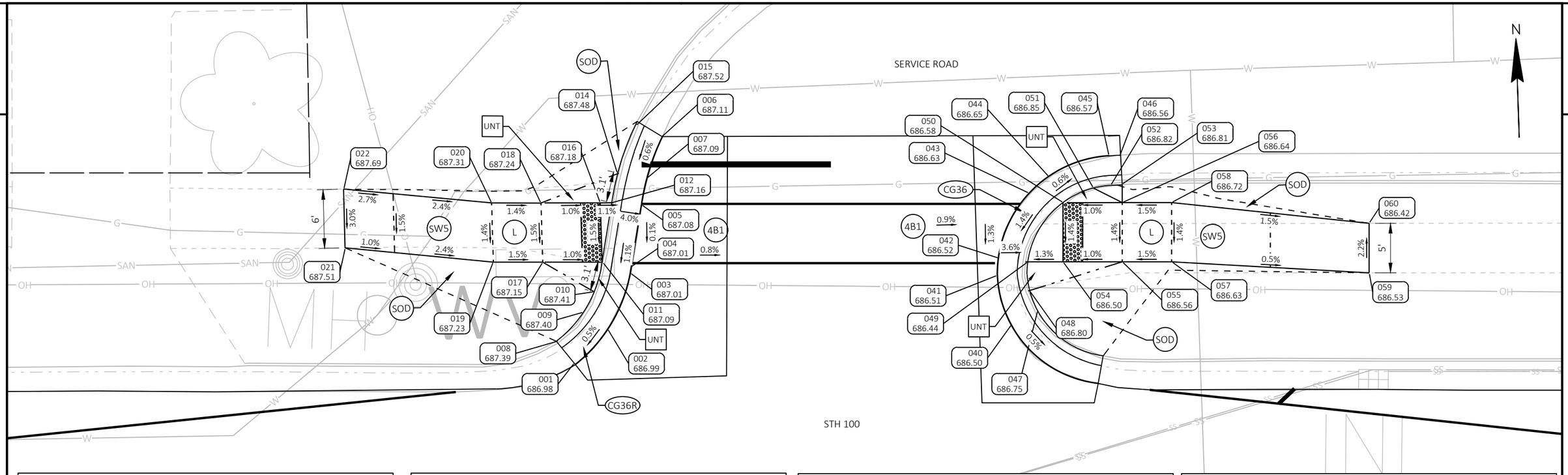
SS

PI STA = 136+26.65
Y = 238764.330
X = 608499.607
DELTA = 42°35'44" RT
D = 3°20'01"
T = 670.06'
L = 1277.81'
R = 1718.80'
PC STA = 129+56.59
Y = 238786.845
X = 607829.930
PT STA = 142+34.40
Y = 238294.506
X = 608977.351
DB = S88°04'28"E
DA = S45°28'44"E

WETLAND BOUNDARY

PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	PLAN DETAILS	SHEET 24	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS - 2040-23-00_STH 100_MILWAUKEE CO\500_CADD\501_C3D_2022\20402300\SHEETS\021201-PD.DWG
LAYOUT NAME - 07
PLOT DATE : 7/10/2026 9:24 AM
PLOT BY : JEFF KOMOROWSKI, PE
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42



Service-W					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
001	118+62.17	55.77' LT	686.98	238879.35	606738.00
002	118+65.53	59.21' LT	686.99	238882.68	606741.47
003	118+67.83	64.87' LT	687.01	238888.26	606743.96
004	118+67.93	65.49' LT	687.01	238888.88	606744.09
005	118+68.96	71.79' LT	687.08	238895.14	606745.32
006	118+70.97	78.61' LT	687.11	238901.89	606747.56
007	118+69.52	74.46' LT	687.09	238897.79	606745.97
008	118+60.60	58.01' LT	687.39	238881.65	606736.51
009	118+63.09	60.91' LT	687.40	238884.46	606739.09
010	118+64.17	62.97' LT	687.41	238886.48	606740.24
011	118+65.03	65.97' LT	687.09	238889.45	606741.20

Service-W					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
012	118+65.95	71.98' LT	687.16	238895.44	606742.32
014	118+66.54	74.92' LT	687.48	238898.35	606743.01
015	118+68.39	79.77' LT	687.52	238903.14	606745.02
016	118+64.79	71.97' LT	687.18	238895.46	606741.16
017	118+58.97	65.97' LT	687.15	238889.66	606735.15
018	118+58.78	71.94' LT	687.24	238895.63	606735.16
019	118+53.96	65.99' LT	687.23	238889.85	606730.14
020	118+53.81	71.94' LT	687.31	238895.80	606730.19
021	118+38.97	67.42' LT	687.51	238891.78	606715.21
022	118+38.82	73.34' LT	687.69	238897.70	606715.25

ServiceE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
040	119+06.49	59.70' LT	686.50	238881.79	606782.42
041	119+05.00	64.63' LT	686.51	238886.78	606781.10
042	119+05.18	66.37' LT	686.52	238888.50	606781.34
043	119+08.23	72.95' LT	686.63	238894.98	606784.61
044	119+10.23	74.60' LT	686.65	238896.56	606786.66
045	119+16.31	76.74' LT	686.57	238898.49	606792.82
046	119+17.42	76.79' LT	686.56	238898.50	606793.92
047	119+09.08	61.10' LT	686.75	238883.10	606785.07
048	119+08.26	63.09' LT	686.80	238885.12	606784.31
049	119+08.08	65.99' LT	686.44	238888.03	606784.23
050	119+11.67	71.99' LT	686.58	238893.91	606788.02
051	119+14.73	73.47' LT	686.85	238895.28	606791.13

ServiceE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
052	119+16.48	73.74' LT	686.82	238895.49	606792.88
053	119+17.61	73.84' LT	686.81	238895.56	606794.02
054	119+11.65	66.00' LT	686.50	238887.91	606787.80
055	119+17.65	66.00' LT	686.56	238887.72	606793.80
056	119+17.65	72.00' LT	686.64	238893.71	606793.99
057	119+22.65	66.00' LT	686.63	238887.55	606798.79
058	119+22.65	72.00' LT	686.72	238893.55	606798.99
059	119+42.65	64.88' LT	686.53	238885.76	606818.74
060	119+42.65	69.89' LT	686.42	238890.77	606818.91

LEGEND

- X — CURB RAMP TYPE
- L — LANDING
- PED — CONCRETE CURB PEDESTRIAN
- SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- SOD2 — RESTORE WITH TOPSOIL AND SOD
- SW5 — CONCRETE SIDEWALK 5-INCH
- MEF — MAXIMUM EXTENT FEASIBLE
- XXXX YYY.YY — POINT NUMBER & ELEVATION
- PT — PAVED TRANSVERSABLE 10:1 FLARE MAX.
- UNT — UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE D
- CG36R — REJECT CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE D
- DETECTABLE WARNING FIELD (6' X 2' UNLESS OTHERWISE NOTED)
- B — PUSH BUTTON
- SLOPE INTERCEPT
- XXXXX — SAWCUTTING ASPHALT
- XXXXX — SAWCUTTING CONCRETE
- WETLANDS

NOTES:

CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONSTRUCTION.

DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.

SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 100 R/L..

PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	CURB RAMP DETAILS - SERVICE ROAD	SHEET 25	E

ServiceNW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
070	122+24.37	96.73' LT	680.65	238908.13	607101.37
071	122+29.43	96.74' LT	680.45	238907.97	607106.43
072	122+34.43	96.84' LT	680.32	238907.89	607111.43
073	122+39.05	96.93' LT	680.25	238907.83	607116.05
074	122+40.53	97.05' LT	680.21	238907.91	607117.53
075	122+24.38	99.73' LT	680.86	238911.13	607101.49
076	122+28.88	99.74' LT	680.72	238910.98	607105.98
077	122+29.37	99.71' LT	680.37	238910.93	607106.47
078	122+34.37	99.84' LT	680.24	238910.89	607111.47
079	122+34.88	99.84' LT	680.57	238910.88	607111.98
080	122+39.05	99.89' LT	680.50	238910.79	607116.15
081	122+40.11	99.97' LT	680.47	238910.83	607117.21
082	122+29.27	104.73' LT	680.50	238915.96	607106.54
083	122+34.27	104.79' LT	680.37	238915.85	607111.53
084	122+34.78	104.30' LT	680.81	238915.34	607112.03
085	122+43.62	104.90' LT	680.14	238915.64	607120.88
086	122+44.11	104.41' LT	680.64	238915.13	607121.36
087	122+28.65	110.22' LT	681.13	238921.47	607106.10
088	122+29.25	109.66' LT	680.57	238920.89	607106.68
089	122+38.25	110.40' LT	680.65	238921.32	607115.71
090	122+38.72	109.84' LT	680.33	238920.75	607116.16
091	122+43.69	109.90' LT	680.20	238920.64	607121.13
092	122+39.35	124.85' LT	679.95	238935.73	607117.29
093	122+43.90	124.88' LT	679.76	238935.60	607121.83
094	122+44.15	109.88' LT	680.29	238920.60	607121.58
095	122+43.76	119.91' LT	679.90	238930.64	607121.53
096	122+38.61	119.88' LT	680.27	238930.78	607116.39
097	122+39.19	119.87' LT	680.02	238930.75	607116.96
098	122+38.88	124.86' LT	679.95	238935.75	607116.82

LEGEND

- X — CURB RAMP TYPE
- L — LEVEL LANDING
- SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- SOD2 — RESTORE WITH TOPSOIL AND SOD
- SW5 — CONCRETE SIDEWALK 5-INCH
- PED — CONCRETE CURB PEDESTRIAN
- MEF — MAXIMUM EXTENT FEASIBLE
- XXXX YYY.YY — POINT NUMBER & ELEVATION
- UNT — UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- PT — PAVED TRANSVERSABLE 10:1 FLARE MAX.
- CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE D
- CG36R — REJECT CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE D
- DETECTABLE WARNING FIELD (6' X 2' UNLESS OTHERWISE NOTED)
- H B — PUSH BUTTON
- SLOPE INTERCEPT
- XXXXX — SAWCUTTING ASPHALT
- SAWCUTTING CONCRETE
- WETLANDS

NOTES:

CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONSTRUCTION.

DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.

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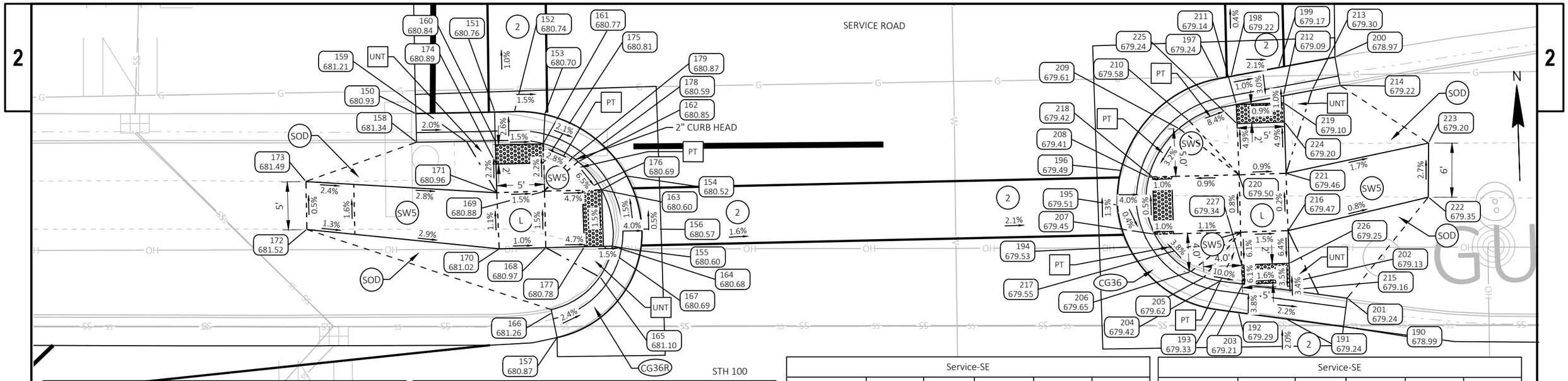
ALL STATION AND OFFSET INFORMATION REFERENCE STH 100 R/L..

Service-NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
110	122+84.08	110.12' LT	679.00	238919.50	607161.49
111	122+94.01	106.87' LT	678.96	238915.91	607171.31
112	123+06.34	106.94' LT	678.80	238915.57	607183.64
113	123+11.34	106.97' LT	678.75	238915.43	607188.64
114	123+17.41	107.00' LT	678.66	238915.26	607194.71
115	122+85.76	112.48' LT	679.25	238921.80	607163.26
116	122+93.89	109.87' LT	679.21	238918.92	607171.29
117	123+03.25	109.92' LT	679.10	238918.66	607180.65
118	123+06.32	109.94' LT	678.72	238918.57	607183.72
119	123+11.33	109.97' LT	678.68	238918.43	607188.72
120	123+14.31	110.08' LT	678.96	238918.44	607191.71
121	123+17.42	110.00' LT	678.91	238918.26	607194.82
122	123+06.10	116.56' LT	679.10	238925.20	607183.72
123	123+11.09	116.66' LT	679.05	238925.12	607188.72
124	123+05.93	121.56' LT	679.15	238930.20	607183.72
125	123+10.92	121.65' LT	679.12	238930.12	607188.72
126	122+94.06	116.33' LT	679.27	238925.37	607171.68
127	122+93.89	121.33' LT	679.28	238930.37	607171.68
128	122+89.10	116.24' LT	679.20	238925.45	607166.72
129	122+89.02	121.17' LT	679.23	238930.37	607166.81
130	123+11.25	111.97' LT	678.82	238920.43	607188.71
131	123+06.26	111.94' LT	678.86	238920.57	607183.72

PARKWAY ESTATES DRIVE

PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	CURB RAMP DETAILS	SHEET 26	E



ServiceSW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
150	122+21.60	77.12' LT	680.93	238888.61	607097.94
151	122+29.84	77.28' LT	680.76	238888.50	607106.18
152	122+31.90	77.32' LT	680.74	238888.47	607108.24
153	122+35.10	76.99' LT	680.70	238888.04	607111.43
154	122+43.64	70.59' LT	680.52	238881.35	607119.76
155	122+44.94	62.79' LT	680.60	238873.51	607120.79
156	122+45.23	65.04' LT	680.57	238875.75	607121.16
157	122+36.36	53.68' LT	680.87	238864.70	607111.91
158	122+21.66	74.12' LT	681.34	238885.61	607097.90
159	122+26.93	74.13' LT	681.21	238885.45	607103.17
160	122+29.89	74.28' LT	680.84	238885.50	607106.14
161	122+34.93	73.94' LT	680.77	238884.99	607111.16
162	122+38.56	72.08' LT	680.85	238883.01	607114.72
163	122+41.01	69.14' LT	680.60	238879.99	607117.08
164	122+42.12	63.25' LT	680.68	238874.06	607117.99

ServiceSW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
165	122+40.84	60.05' LT	681.10	238870.91	607116.60
166	122+35.85	56.28' LT	681.26	238867.31	607111.48
167	122+41.21	63.22' LT	680.69	238874.07	607117.08
168	122+35.19	63.10' LT	680.97	238874.14	607111.05
169	122+35.06	68.99' LT	680.88	238880.04	607111.12
170	122+30.31	62.98' LT	681.02	238874.19	607106.18
171	122+30.06	68.87' LT	680.96	238880.08	607106.12
172	122+10.21	65.02' LT	681.52	238876.91	607086.15
173	122+10.09	70.01' LT	681.49	238881.90	607086.20
174	122+29.99	71.86' LT	680.89	238883.08	607106.15
175	122+34.99	71.98' LT	680.81	238883.03	607111.15
176	122+39.02	69.09' LT	680.69	238880.01	607115.08
177	122+39.21	63.18' LT	680.78	238874.09	607115.08
178	122+41.06	73.88' LT	680.59	238884.73	607117.28
179	122+37.97	72.52' LT	680.87	238883.47	607114.15

Service-SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
190	123+18.61	54.84' LT	678.99	238863.09	607194.15
191	123+12.61	55.64' LT	679.24	238864.09	607188.18
192	123+07.64	56.30' LT	679.29	238864.92	607183.24
193	123+05.32	56.62' LT	679.33	238865.31	607180.93
194	122+96.17	63.16' LT	679.53	238872.16	607172.01
195	122+94.94	67.55' LT	679.51	238876.59	607170.93
196	122+95.43	71.15' LT	679.49	238880.17	607171.53
197	123+05.53	80.76' LT	679.24	238889.44	607181.95
198	123+06.87	81.01' LT	679.22	238889.64	607183.29
199	123+11.81	81.92' LT	679.17	238890.39	607188.26
200	123+17.72	83.02' LT	678.97	238891.28	607194.21
201	123+19.01	57.81' LT	679.24	238866.05	607194.65
202	123+12.99	59.44' LT	679.13	238867.88	607188.69
203	123+08.04	59.28' LT	679.21	238867.88	607183.74
204	123+05.72	59.59' LT	679.42	238868.27	607181.43
205	123+04.02	59.99' LT	679.62	238868.73	607179.74
206	123+02.65	60.59' LT	679.65	238869.37	607178.39
207	122+98.86	64.50' LT	679.45	238873.41	607174.73
208	122+98.25	70.48' LT	679.41	238879.41	607174.33

Service-SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
209	123+01.40	75.56' LT	679.61	238884.37	607177.65
210	123+02.47	76.36' LT	679.58	238885.14	607178.74
211	123+07.40	78.11' LT	679.14	238886.72	607183.73
212	123+12.34	79.03' LT	679.09	238887.48	607188.70
213	123+15.33	79.56' LT	679.30	238887.90	607191.70
214	123+18.27	80.07' LT	679.22	238888.32	607194.66
215	123+13.02	58.68' LT	679.16	238867.12	607188.69
216	123+12.81	64.87' LT	679.47	238873.31	607188.69
217	123+07.86	64.70' LT	679.55	238873.31	607183.74
218	122+98.65	70.49' LT	679.42	238879.40	607174.73
219	123+12.37	78.22' LT	679.10	238886.67	607188.70
220	123+07.67	70.70' LT	679.50	238879.31	607183.75
221	123+12.61	70.87' LT	679.46	238879.31	607188.70
222	123+27.49	68.37' LT	679.35	238876.32	607203.48
223	123+27.52	74.03' LT	679.20	238881.98	607203.70
224	123+12.44	76.23' LT	679.20	238884.67	607188.70
225	123+07.47	76.06' LT	679.24	238884.67	607183.73
226	123+[illegible].93	61.44' LT	679.25	238869.88	607188.69
227	123+[illegible].97	61.28' LT	679.34	238869.88	607183.74

LEGEND

- X — CURB RAMP TYPE
- L — LANDING
- PED — CONCRETE CURB PEDESTRIAN
- SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- SOD2 — RESTORE WITH TOPSOIL AND SOD
- SW5 — CONCRETE SIDEWALK 5-INCH
- MEF — MAXIMUM EXTENT FEASIBLE
- XXXX YYY.YY — POINT NUMBER & ELEVATION
- PT — PAVED TRANSVERSABLE 10:1 FLARE MAX.
- UNT — UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE D
- CG36R — REJECT CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE D
- DETECTABLE WARNING FIELD (6' X 2' UNLESS OTHERWISE NOTED)
- B — PUSH BUTTON
- SLOPE INTERCEPT
- XXXXX — SAWCUTTING ASPHALT
- SAWCUTTING CONCRETE
- WETLANDS

NOTES:

CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONSTRUCTION.

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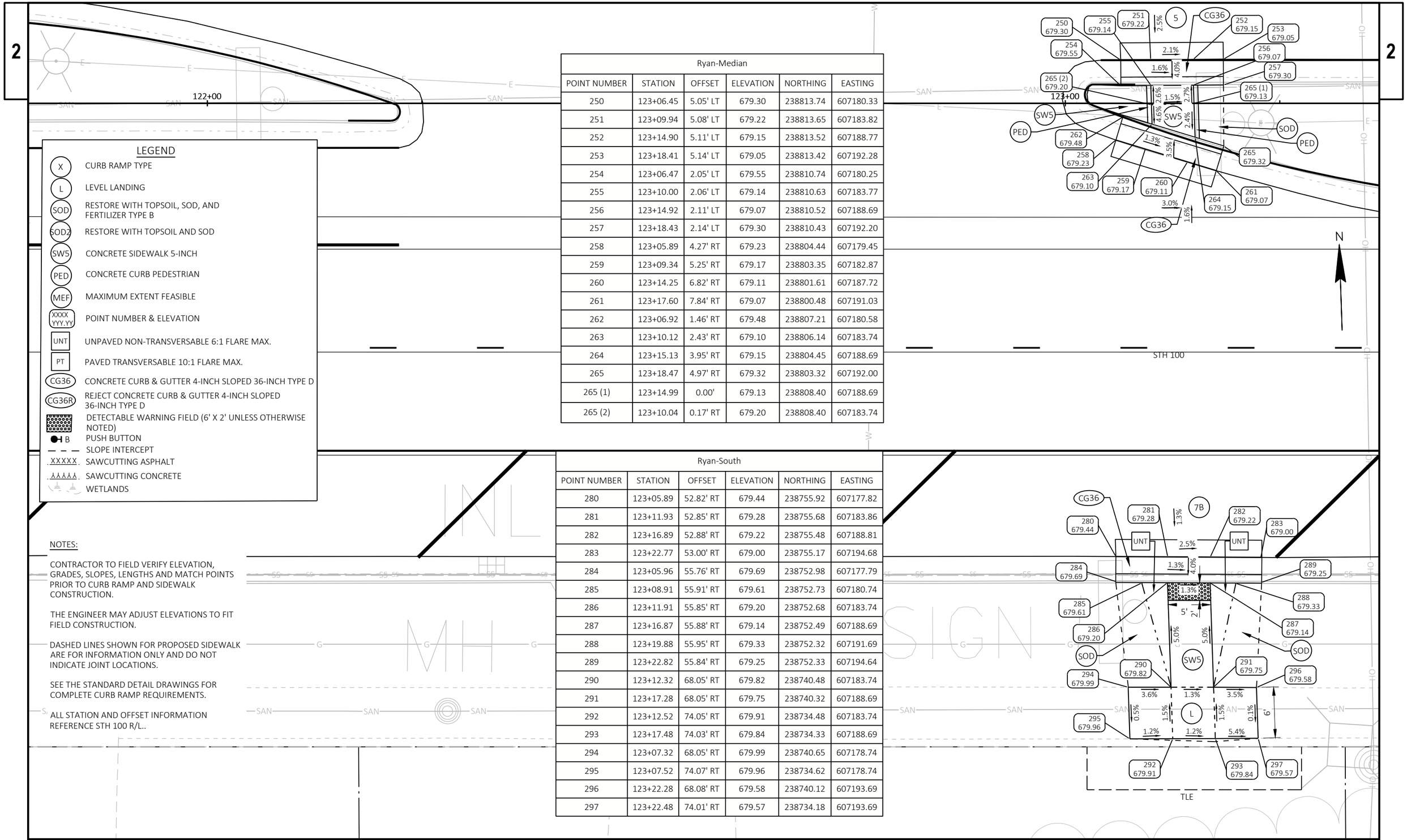
ALL STATION AND OFFSET INFORMATION REFERENCE STH 100 R/L..

PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	CURB RAMP DETAILS	SHEET 27	E



Ryan-South

POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
280	123+05.89	52.82' RT	679.44	238755.92	607177.82
281	123+11.93	52.85' RT	679.28	238755.68	607183.86
282	123+16.89	52.88' RT	679.22	238755.48	607188.81
283	123+22.77	53.00' RT	679.00	238755.17	607194.68
284	123+05.96	55.76' RT	679.69	238752.98	607177.79
285	123+08.91	55.91' RT	679.61	238752.73	607180.74
286	123+11.91	55.85' RT	679.20	238752.68	607183.74
287	123+16.87	55.88' RT	679.14	238752.49	607188.69
288	123+19.88	55.95' RT	679.33	238752.32	607191.69
289	123+22.82	55.84' RT	679.25	238752.33	607194.64
290	123+12.32	68.05' RT	679.82	238740.48	607183.74
291	123+17.28	68.05' RT	679.75	238740.32	607188.69
292	123+12.52	74.05' RT	679.91	238734.48	607183.74
293	123+17.48	74.03' RT	679.84	238734.33	607188.69
294	123+07.32	68.05' RT	679.99	238740.65	607178.74
295	123+07.52	74.07' RT	679.96	238734.62	607178.74
296	123+22.28	68.08' RT	679.58	238740.12	607193.69
297	123+22.48	74.01' RT	679.57	238734.18	607193.69

PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	CURB RAMP DETAILS	SHEET 28	E

Service-Currency-S					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
310	123+57.60	86.96' LT	677.93	238893.88	607234.20
311	123+63.50	87.00' LT	677.81	238893.72	607240.10
312	123+68.50	86.98' LT	677.75	238893.54	607245.09
313	123+74.35	86.95' LT	677.60	238893.30	607250.94
314	123+57.48	84.06' LT	678.19	238890.99	607233.98
315	123+60.47	84.06' LT	678.13	238890.89	607236.97
316	123+63.49	84.06' LT	677.73	238890.79	607239.99
317	123+68.49	84.07' LT	677.67	238890.62	607244.99
318	123+71.52	84.07' LT	677.92	238890.52	607248.01
319	123+74.52	84.07' LT	677.85	238890.42	607251.01
320	123+63.82	74.15' LT	678.43	238880.87	607239.99
321	123+68.83	74.14' LT	678.37	238880.70	607244.99
322	123+64.03	68.13' LT	678.52	238874.85	607239.99
323	123+69.03	68.14' LT	678.46	238874.69	607244.99
324	123+53.82	74.10' LT	678.83	238881.15	607229.99
325	123+54.02	68.11' LT	678.91	238875.17	607229.99
328	123+73.83	74.03' LT	678.43	238880.41	607249.99
329	123+74.03	68.13' LT	678.53	238874.51	607249.99

LEGEND

- X — CURB RAMP TYPE
- L — LEVEL LANDING
- SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- SOD2 — RESTORE WITH TOPSOIL AND SOD
- SW5 — CONCRETE SIDEWALK 5-INCH
- PED — CONCRETE CURB PEDESTRIAN
- MEF — MAXIMUM EXTENT FEASIBLE
- XXXX YYY.YY — POINT NUMBER & ELEVATION
- UNT — UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- PT — PAVED TRANSVERSABLE 10:1 FLARE MAX.
- CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE D
- CG36R — REJECT CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE D
- DETECTABLE WARNING FIELD (6' X 2' UNLESS OTHERWISE NOTED)
- B — PUSH BUTTON
- SLOPE INTERCEPT
- XXXXX — SAWCUTTING ASPHALT
- XXXXX — SAWCUTTING CONCRETE
- WETLANDS

RAMP CROSS SLOPE: 0.97%
RAMP RUNNING SLOPE: 11.71%
LANDING CROSS SLOPE: 0.11%
LANDING RUNNING SLOPE: 13.6%
LANDING L X W: 4.3 X 3.3 FT

SERVICE ROAD

STH 100

NOTES:

CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

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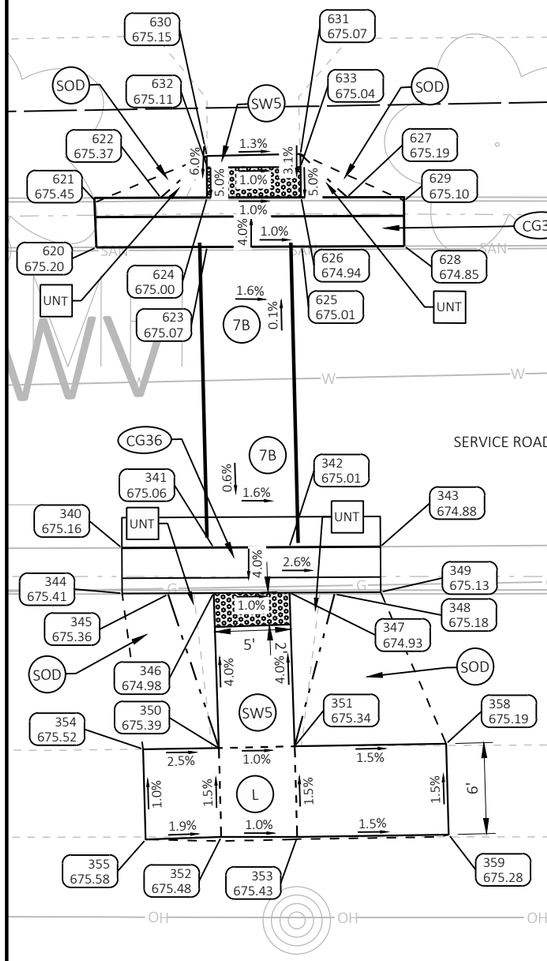
PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	CURB RAMP DETAILS	SHEET 29	E



Service-CW-N					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
620	125+02.41	106.93' LT	675.20	238908.97	607379.60
621	125+02.40	109.93' LT	675.45	238911.97	607379.69
622	125+06.67	110.20' LT	675.37	238912.10	607383.96
623	125+09.72	106.96' LT	675.07	238908.75	607386.90
624	125+09.72	110.21' LT	675.00	238912.01	607387.01
625	125+15.97	106.98' LT	675.01	238908.57	607393.15
626	125+15.92	110.23' LT	674.94	238911.82	607393.21
627	125+18.96	110.23' LT	675.19	238911.72	607396.25
628	125+22.73	107.01' LT	674.85	238908.37	607399.91
629	125+22.72	109.99' LT	675.10	238911.35	607400.00
630	125+09.71	112.95' LT	675.15	238914.75	607387.09
631	125+15.87	113.06' LT	675.07	238914.65	607393.26
632	125+09.75	112.21' LT	675.11	238914.01	607387.11
633	125+15.90	112.25' LT	675.04	238913.84	607393.25

Service-CW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
340	125+04.10	87.10' LT	675.16	238889.10	607380.62
341	125+10.15	87.12' LT	675.06	238888.92	607386.67
342	125+15.15	87.15' LT	675.01	238888.77	607391.67
343	125+21.16	87.17' LT	674.88	238888.60	607397.68
344	125+04.12	84.10' LT	675.41	238886.10	607380.54
345	125+07.15	84.04' LT	675.36	238885.94	607383.56
346	125+10.16	84.12' LT	674.98	238885.92	607386.58
347	125+15.16	84.15' LT	674.93	238885.78	607391.58
348	125+18.14	84.06' LT	675.18	238885.59	607394.55
349	125+21.18	84.17' LT	675.13	238885.60	607397.59
350	125+10.51	73.89' LT	675.39	238875.68	607386.58
351	125+15.50	74.01' LT	675.34	238875.63	607391.58
352	125+10.66	68.03' LT	675.48	238869.82	607386.53
353	125+15.67	68.03' LT	675.43	238869.65	607391.55
354	125+05.51	73.82' LT	675.52	238875.78	607381.58
355	125+05.66	67.86' LT	675.58	238869.82	607381.53
358	125+25.50	74.18' LT	675.19	238875.47	607401.58
359	125+25.67	68.17' LT	675.28	238869.46	607401.55

LEGEND

- X — CURB RAMP TYPE
- L — LEVEL LANDING
- SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- SOD2 — RESTORE WITH TOPSOIL AND SOD
- SW5 — CONCRETE SIDEWALK 5-INCH
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- XXXX YYY.YY — POINT NUMBER & ELEVATION
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- PT — PAVED TRANSVERSABLE 10:1 FLARE MAX.
- CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE D
- CG36R — REJECT CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE D
- DETECTABLE WARNING FIELD (6' X 2' UNLESS OTHERWISE NOTED)
- B — PUSH BUTTON
- SLOPE INTERCEPT
- XXXXX — SAWCUTTING ASPHALT
- XXXXX — SAWCUTTING CONCRETE
- WETLANDS

N

NOTES:

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Shepard-NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
370	127+96.70	53.38' LT	673.60	238845.57	607671.92
371	128+02.32	53.34' LT	673.65	238845.34	607677.54
372	128+08.73	53.96' LT	673.70	238845.74	607683.96
373	128+15.13	55.48' LT	673.76	238847.04	607690.42
374	128+32.29	66.12' LT	673.69	238857.10	607707.92
375	128+37.53	72.76' LT	673.60	238863.56	607713.38
376	128+44.11	95.72' LT	673.23	238886.29	607720.73
377	128+43.95	113.78' LT	673.07	238904.34	607721.17
378	127+96.61	55.98' LT	673.85	238848.17	607671.92
379	128+02.26	56.34' LT	673.90	238848.34	607677.58
380	128+05.20	56.58' LT	673.93	238848.48	607680.52
381	128+08.25	56.82' LT	673.63	238848.62	607683.58
382	128+14.18	58.39' LT	673.68	238849.99	607689.56
383	128+19.21	60.29' LT	674.06	238851.72	607694.66
384	128+24.20	63.19' LT	674.06	238854.45	607699.74
385	128+30.13	68.21' LT	673.61	238859.26	607705.83
386	128+35.00	74.37' LT	673.52	238865.26	607710.91

Shepard-NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
387	128+36.74	77.39' LT	673.82	238868.22	607712.75
388	128+41.11	95.69' LT	673.48	238886.36	607717.73
389	128+40.96	113.75' LT	673.32	238904.41	607718.19
390	128+08.23	68.09' LT	673.74	238859.88	607683.94
391	128+14.23	68.17' LT	673.78	238859.76	607689.94
392	128+28.13	68.18' LT	673.64	238859.30	607703.83
393	128+28.05	74.28' LT	673.58	238865.40	607703.96
394	128+20.87	68.19' LT	673.77	238859.55	607696.58
395	128+20.71	74.19' LT	673.71	238865.56	607696.62
396	128+14.04	74.17' LT	673.76	238865.76	607689.95
397	128+08.04	74.14' LT	673.68	238865.93	607683.95
398	127+93.23	68.24' LT	673.14	238860.54	607668.96
399	127+93.25	74.07' LT	673.11	238866.36	607669.17
400	128+08.20	58.12' LT	673.64	238849.92	607683.58
401	128+30.05	74.31' LT	673.55	238865.36	607705.96
402	128+41.03	79.57' LT	673.49	238870.26	607717.11
403	128+18.41	56.64' LT	673.79	238848.10	607693.72

SERVICE ROAD

LEGEND

- X — CURB RAMP TYPE
- L — LEVEL LANDING
- SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- SOD2 — RESTORE WITH TOPSOIL AND SOD
- SW5 — CONCRETE SIDEWALK 5-INCH
- PED — CONCRETE CURB PEDESTRIAN
- MEF — MAXIMUM EXTENT FEASIBLE
- XXXX YYY.YY — POINT NUMBER & ELEVATION
- UNT — UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- PT — PAVED TRANSVERSABLE 10:1 FLARE MAX.
- CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE D
- CG36R — REJECT CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE D
- DETECTABLE WARNING FIELD (6' X 2' UNLESS OTHERWISE NOTED)
- B — PUSH BUTTON
- SLOPE INTERCEPT
- XXXXX — SAWCUTTING ASPHALT
- SAWCUTTING CONCRETE
- WETLANDS

NOTES:

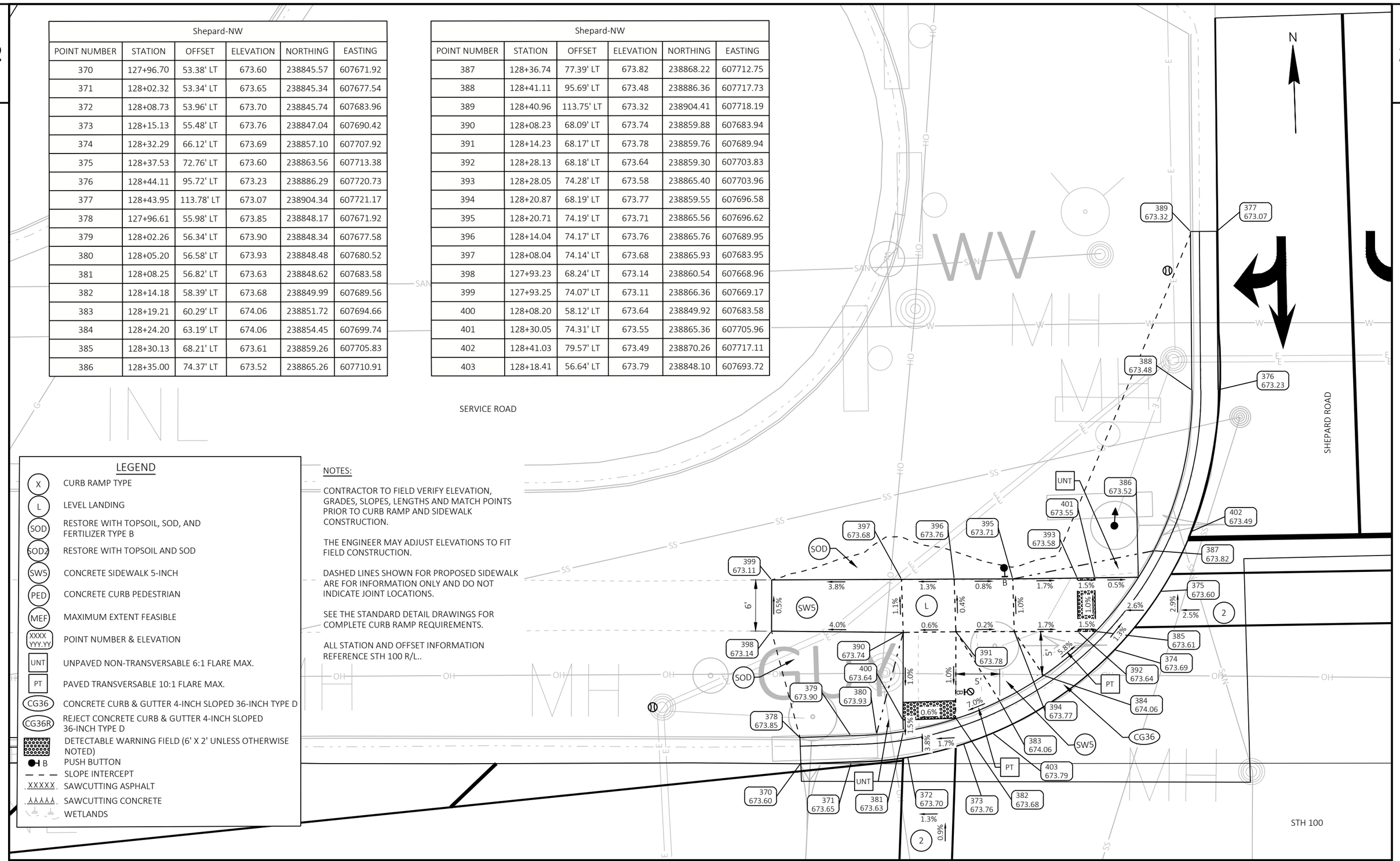
CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONSTRUCTION.

DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.

SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 100 R/L..



PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	CURB RAMP DETAILS	SHEET 31	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS - 2040-23-00_STH 100_MILWAUKEE CO\500_CADD\501_C3D_2022\20402300\SHEETS\021301-CR.DWG
LAYOUT NAME - 07
PLOT DATE : 1/16/2026 12:47 PM
PLOT BY : JEFF KOMOROWSKI, PE
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

NOTES:

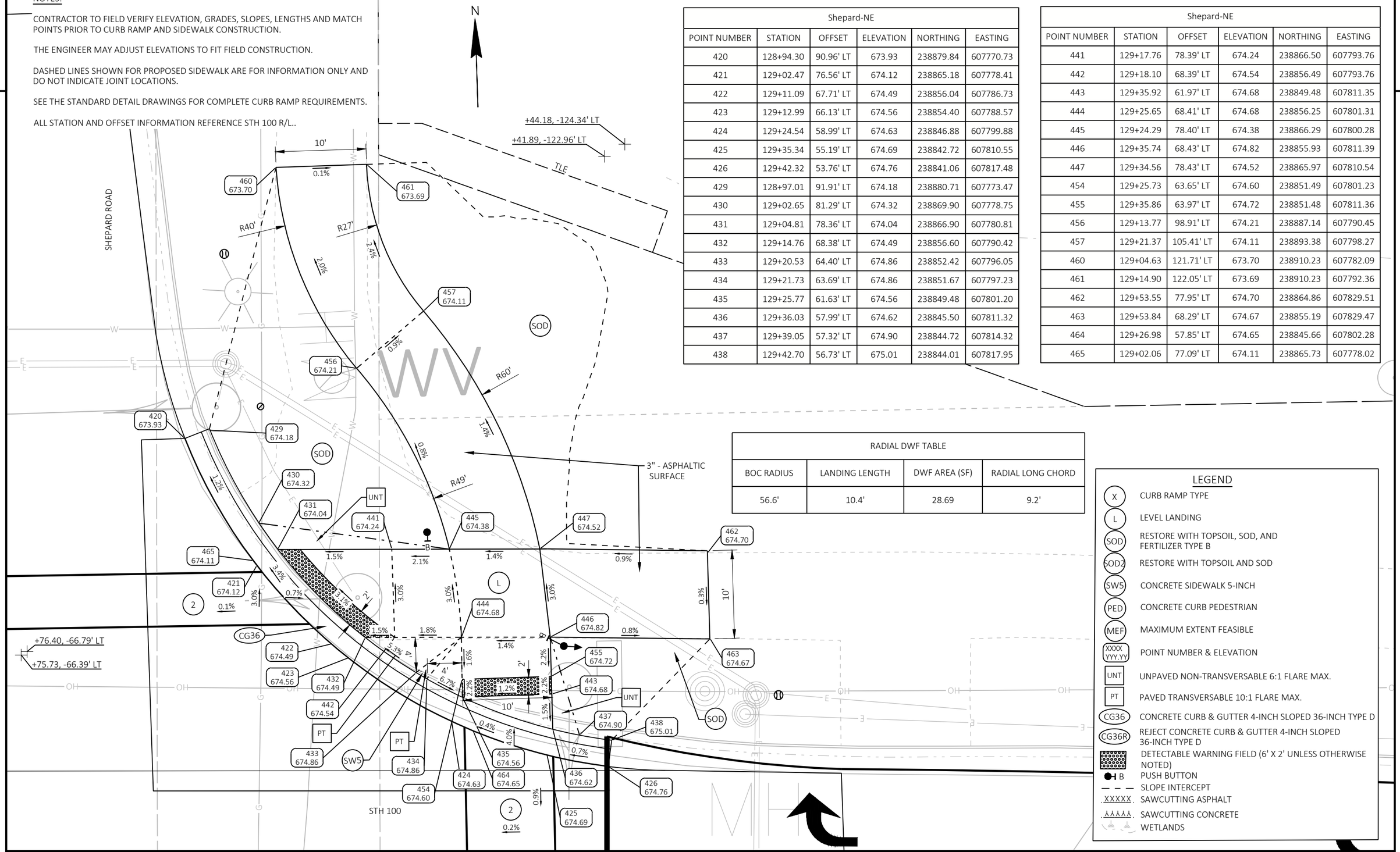
CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONSTRUCTION.

DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.

SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 100 R/L..



Shepard-NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
420	128+94.30	90.96' LT	673.93	238879.84	607770.73
421	129+02.47	76.56' LT	674.12	238865.18	607778.41
422	129+11.09	67.71' LT	674.49	238856.04	607786.73
423	129+12.99	66.13' LT	674.56	238854.40	607788.57
424	129+24.54	58.99' LT	674.63	238846.88	607799.88
425	129+35.34	55.19' LT	674.69	238842.72	607810.55
426	129+42.32	53.76' LT	674.76	238841.06	607817.48
429	128+97.01	91.91' LT	674.18	238880.71	607773.47
430	129+02.65	81.29' LT	674.32	238869.90	607778.75
431	129+04.81	78.36' LT	674.04	238866.90	607780.81
432	129+14.76	68.38' LT	674.49	238856.60	607790.42
433	129+20.53	64.40' LT	674.86	238852.42	607796.05
434	129+21.73	63.69' LT	674.86	238851.67	607797.23
435	129+25.77	61.63' LT	674.56	238849.48	607801.20
436	129+36.03	57.99' LT	674.62	238845.50	607811.32
437	129+39.05	57.32' LT	674.90	238844.72	607814.32
438	129+42.70	56.73' LT	675.01	238844.01	607817.95

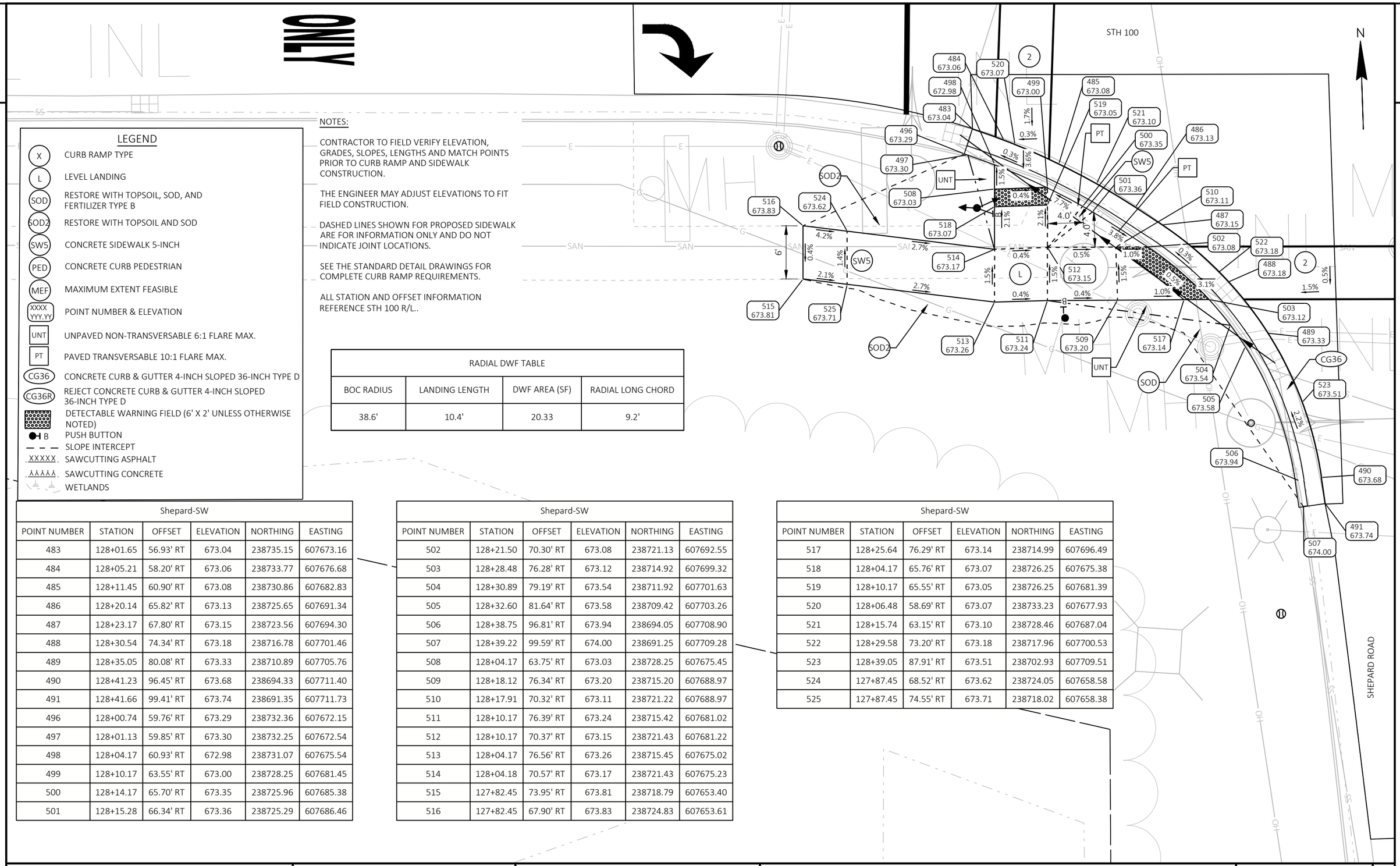
Shepard-NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
441	129+17.76	78.39' LT	674.24	238866.50	607793.76
442	129+18.10	68.39' LT	674.54	238856.49	607793.76
443	129+35.92	61.97' LT	674.68	238849.48	607811.35
444	129+25.65	68.41' LT	674.68	238856.25	607801.31
445	129+24.29	78.40' LT	674.38	238866.29	607800.28
446	129+35.74	68.43' LT	674.82	238855.93	607811.39
447	129+34.56	78.43' LT	674.52	238865.97	607810.54
454	129+25.73	63.65' LT	674.60	238851.49	607801.23
455	129+35.86	63.97' LT	674.72	238851.48	607811.36
456	129+13.77	98.91' LT	674.21	238887.14	607790.45
457	129+21.37	105.41' LT	674.11	238893.38	607798.27
460	129+04.63	121.71' LT	673.70	238910.23	607782.09
461	129+14.90	122.05' LT	673.69	238910.23	607792.36
462	129+53.55	77.95' LT	674.70	238864.86	607829.51
463	129+53.84	68.29' LT	674.67	238855.19	607829.47
464	129+26.98	57.85' LT	674.65	238845.66	607802.28
465	129+02.06	77.09' LT	674.11	238865.73	607778.02

RADIAL DWF TABLE			
BOC RADIUS	LANDING LENGTH	DWF AREA (SF)	RADIAL LONG CHORD
56.6'	10.4'	28.69	9.2'

LEGEND

- X — CURB RAMP TYPE
- L — LEVEL LANDING
- SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- SOD2 — RESTORE WITH TOPSOIL AND SOD
- SW5 — CONCRETE SIDEWALK 5-INCH
- PED — CONCRETE CURB PEDESTRIAN
- MEF — MAXIMUM EXTENT FEASIBLE
- XXXX YYY.YY — POINT NUMBER & ELEVATION
- UNT — UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- PT — PAVED TRANSVERSABLE 10:1 FLARE MAX.
- CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE D
- CG36R — REJECT CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE D
- DETECTABLE WARNING FIELD (6' X 2' UNLESS OTHERWISE NOTED)
- B — PUSH BUTTON
- SLOPE INTERCEPT
- XXXXX — SAWCUTTING ASPHALT
- SAWCUTTING CONCRETE
- WETLANDS

PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	CURB RAMP DETAILS	SHEET 32	E



LEGEND

- X — CURB RAMP TYPE
- L — LEVEL LANDING
- SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- SOD2 — RESTORE WITH TOPSOIL AND SOD
- SW5 — CONCRETE SIDEWALK 5-INCH
- PED — CONCRETE CURB PEDESTRIAN
- MEF — MAXIMUM EXTENT FEASIBLE
- XXXX YYY.YY — POINT NUMBER & ELEVATION
- UNT — UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- PT — PAVED TRANSVERSABLE 10:1 FLARE MAX.
- CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE D
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- DETECTABLE WARNING FIELD (6' X 2' UNLESS OTHERWISE NOTED)
- B — PUSH BUTTON
- SLOPE INTERCEPT
- XXXXX — SAWCUTTING ASPHALT
- SAWCUTTING CONCRETE
- WETLANDS

NOTES:

CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONSTRUCTION.

DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.

SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 100 R/L..

RADIAL DWF TABLE			
BOC RADIUS	LANDING LENGTH	DWF AREA (SF)	RADIAL LONG CHORD
38.6'	10.4'	20.33	9.2'

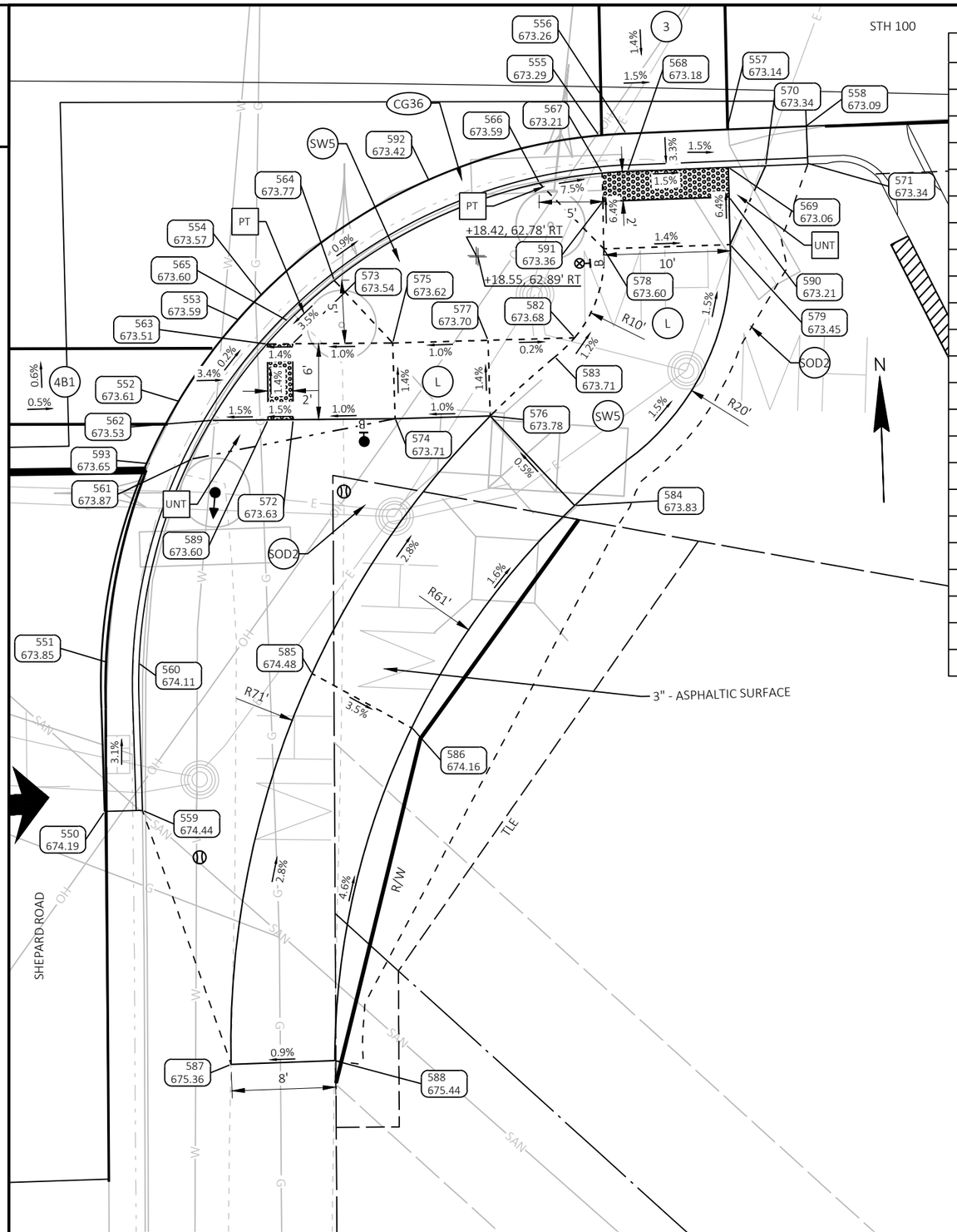
Shepard-SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
483	128+01.65	56.93' RT	673.04	238735.15	607673.16
484	128+05.21	58.20' RT	673.06	238733.77	607676.68
485	128+11.45	60.90' RT	673.08	238730.86	607682.83
486	128+20.14	65.82' RT	673.13	238725.65	607691.34
487	128+23.17	67.80' RT	673.15	238723.56	607694.30
488	128+30.54	74.34' RT	673.18	238716.78	607701.46
489	128+35.05	80.08' RT	673.33	238710.89	607705.76
490	128+41.23	96.45' RT	673.68	238694.33	607711.40
491	128+41.66	99.41' RT	673.74	238691.35	607711.73
496	128+00.74	59.76' RT	673.29	238732.36	607672.15
497	128+01.13	59.85' RT	673.30	238732.25	607672.54
498	128+04.17	60.93' RT	672.98	238731.07	607675.54
499	128+10.17	63.55' RT	673.00	238728.25	607681.45
500	128+14.17	65.70' RT	673.35	238725.96	607685.38
501	128+15.28	66.34' RT	673.36	238725.29	607686.46

Shepard-SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
502	128+21.50	70.30' RT	673.08	238721.13	607692.55
503	128+28.48	76.28' RT	673.12	238714.92	607699.32
504	128+30.89	79.19' RT	673.54	238711.92	607701.63
505	128+32.60	81.64' RT	673.58	238709.42	607703.26
506	128+38.75	96.81' RT	673.94	238694.05	607708.90
507	128+39.22	99.59' RT	674.00	238691.25	607709.28
508	128+04.17	63.75' RT	673.03	238728.25	607675.45
509	128+18.12	76.34' RT	673.20	238715.20	607688.97
510	128+17.91	70.32' RT	673.11	238721.22	607688.97
511	128+10.17	76.39' RT	673.24	238715.42	607681.02
512	128+10.17	70.37' RT	673.15	238721.43	607681.22
513	128+04.17	76.56' RT	673.26	238715.45	607675.02
514	128+04.18	70.57' RT	673.17	238721.43	607675.23
515	127+82.45	73.95' RT	673.81	238718.79	607653.40
516	127+82.45	67.90' RT	673.83	238724.83	607653.61

Shepard-SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
517	128+25.64	76.29' RT	673.14	238714.99	607696.49
518	128+04.17	65.76' RT	673.07	238726.25	607675.38
519	128+10.17	65.55' RT	673.05	238726.25	607681.39
520	128+06.48	58.69' RT	673.07	238733.23	607677.93
521	128+15.74	63.15' RT	673.10	238728.46	607687.04
522	128+29.58	73.20' RT	673.18	238717.96	607700.53
523	128+39.05	87.91' RT	673.51	238702.93	607709.51
524	127+87.45	68.52' RT	673.62	238724.05	607658.58
525	127+87.45	74.55' RT	673.71	238718.02	607658.38

PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	CURB RAMP DETAILS	SHEET 33	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS - 2040-23-00_STH 100_MILWAUKEE CO\500_CADD\501_C3D_2022\20402300\SHEETS\021301-CR.DWG
LAYOUT NAME - 09
PLOT DATE : 1/16/2026 12:47 PM PLOT BY : JEFF KOMOROWSKI, PE PLOT NAME : PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42



Shepard-SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
550	128+88.93	106.86' RT	674.19	238682.32	607758.71
551	128+89.10	95.03' RT	673.85	238694.13	607759.29
552	128+94.98	74.37' RT	673.61	238714.58	607765.85
553	128+99.65	67.91' RT	673.59	238720.89	607770.74
554	129+01.44	65.98' RT	673.57	238722.75	607772.59
555	129+28.15	53.23' RT	673.29	238734.60	607799.72
556	129+30.31	53.10' RT	673.26	238734.66	607801.88
557	129+38.31	52.77' RT	673.14	238734.71	607809.89
558	129+44.44	52.63' RT	673.09	238734.65	607816.02
559	128+91.92	106.77' RT	674.44	238682.31	607761.71
560	128+91.61	95.08' RT	674.11	238694.00	607761.79
561	128+95.90	78.89' RT	673.87	238710.03	607766.62
562	128+97.50	75.84' RT	673.53	238713.03	607768.33
563	129+01.83	69.79' RT	673.51	238718.94	607772.86
564	129+07.15	64.74' RT	673.77	238723.80	607778.34
565	129+03.51	67.98' RT	673.60	238720.69	607774.59
566	129+23.43	57.03' RT	673.59	238730.97	607794.87
567	129+28.41	56.22' RT	673.21	238731.60	607799.88
568	129+30.43	56.10' RT	673.18	238731.66	607801.90
569	129+38.43	55.77' RT	673.06	238731.71	607809.91
570	129+41.39	55.65' RT	673.34	238731.73	607812.87
571	129+44.67	55.44' RT	673.34	238731.84	607816.16

Shepard-SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
572	129+03.89	75.78' RT	673.63	238712.88	607774.71
573	129+03.83	69.77' RT	673.54	238718.89	607774.86
574	129+11.98	75.68' RT	673.71	238712.71	607782.80
575	129+11.79	69.71' RT	673.62	238718.68	607782.81
576	129+19.52	75.50' RT	673.78	238712.63	607790.35
577	129+19.36	69.49' RT	673.70	238718.64	607790.38
578	129+28.53	62.24' RT	673.60	238725.59	607799.80
579	129+38.57	61.90' RT	673.45	238725.59	607809.84
582	129+26.23	69.29' RT	673.68	238718.61	607797.26
583	129+24.65	70.81' RT	673.71	238717.14	607795.63
584	129+26.22	82.59' RT	673.83	238705.32	607796.80
585	129+05.38	95.92' RT	674.48	238692.70	607775.52
586	129+13.30	100.19' RT	674.16	238688.16	607783.29
587	128+98.95	126.92' RT	675.36	238661.94	607768.06
588	129+07.18	126.62' RT	675.44	238661.96	607776.29
589	129+01.89	75.80' RT	673.60	238712.92	607772.71
590	129+38.49	58.14' RT	673.21	238729.35	607809.88
591	129+28.46	58.47' RT	673.36	238729.35	607799.85
592	129+14.68	56.85' RT	673.42	238731.44	607786.13
593	128+92.44	79.28' RT	673.65	238709.77	607763.15

LEGEND

X — CURB RAMP TYPE	PT — PAVED TRANSVERSABLE 10:1 FLARE MAX.
L — LANDING	UNT — UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
PED — CONCRETE CURB PEDESTRIAN	CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE D
SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B	CG36R — REJECT CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE D
SOD2 — RESTORE WITH TOPSOIL AND SOD	DETECTABLE WARNING FIELD (6' X 2' UNLESS OTHERWISE NOTED)
SW5 — CONCRETE SIDEWALK 5-INCH	B — PUSH BUTTON
MEF — MAXIMUM EXTENT FEASIBLE	SLOPE INTERCEPT
XXXX YYY.YY — POINT NUMBER & ELEVATION	XXXXX — SAWCUTTING ASPHALT
	ΔΔΔΔΔ — SAWCUTTING CONCRETE
	WETLANDS

NOTES:

CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONSTRUCTION.

DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.

SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 100 R/L..

PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	CURB RAMP DETAILS	SHEET 34	E

2

2

N

BEGIN PROJECT
STA 103+35
MATCH PROJECT 2060-20-70

STH 38

STH 100

BEGIN PROJECT
STA 103+42
MATCH PROJECT 2060-20-70

101+00 102+00 103+00 104+00 105+00 106+00

MATCH LINE 106+75

FILLER CAP

CANOPY

LEGEND

- SILT FENCE
- HEAVY DUTY SILT FENCE
- SLOPE INTERCEPT
- INLET PROTECTION (TYPE)
- SURFACE WATER FLOW
- CURB RAMP GRADING, SHAPING, FINISHING STAGE 1
- CURB RAMP GRADING, SHAPING, FINISHING STAGE 2

PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	EROSION CONTROL	SHEET 35	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS - 2040-23-00_STH 100_MILWAUKEE CO\500_CADD\501_C3D_2022\20402300\SHEETS\022001-EC.DWG
LAYOUT NAME - 01

PLOT DATE : 1/16/2026 12:48 PM PLOT BY : JEFF KOMOROWSKI, PE PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

N

MATCH LINE 106+75

MATCH LINE 112+50

STH 100

107+00

108+00

109+00

110+00

111+00

112+00

C

SIGN

INL

GUY

WV

MH

SAN

OH

G

W

E

SS

A/C

LEGEND

- SILT FENCE
- HEAVY DUTY SILT FENCE
- SLOPE INTERCEPT
- INLET PROTECTION (TYPE) X
- SURFACE WATER FLOW
- CURB RAMP GRADING, SHAPING, FINISHING STAGE 1
- CURB RAMP GRADING, SHAPING, FINISHING STAGE 2

PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	EROSION CONTROL	SHEET 36	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS - 2040-23-00_STH 100_MILWAUKEE CO\500_CADD\501_C3D_2022\20402300\SHEETS\022001-EC.DWG
LAYOUT NAME - 02

PLOT DATE : 1/16/2026 12:48 PM PLOT BY : JEFF KOMOROWSKI, PE PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

MATCH LINE 112+50

MATCH LINE 118+25

STH 100

113+00 114+00 115+00 116+00 117+00 118+00

N

LEGEND

- SILT FENCE
- HEAVY DUTY SILT FENCE
- SLOPE INTERCEPT
- INLET PROTECTION (TYPE)
- SURFACE WATER FLOW
- CURB RAMP GRADING, SHAPING, FINISHING STAGE 1
- CURB RAMP GRADING, SHAPING, FINISHING STAGE 2

PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	EROSION CONTROL	SHEET 37	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS - 2040-23-00_STH 100_MILWAUKEE CO\500_CADD\501_C3D_2022\20402300\SHEETS\022001-EC.DWG
LAYOUT NAME - 03

PLOT DATE : 1/16/2026 12:48 PM PLOT BY : JEFF KOMOROWSKI, PE PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

CONSTRUCTION LIMIT
79.2' LT
MATCH EXISTING
BUTT JOINT REQ'D

CONSTRUCTION LIMIT
108.3' LT
MATCH EXISTING
BUTT JOINT REQ'D

PARKWAY ESTATES DR

SERVICE ROAD

STH 100

MATCH LINE 118+25

MATCH LINE 124+00

119+00 120+00 121+00 122+00 123+00

N

LEGEND

- SILT FENCE
- HEAVY DUTY SILT FENCE
- SLOPE INTERCEPT
- INLET PROTECTION (TYPE) [X]
- SURFACE WATER FLOW
- CURB RAMP GRADING, SHAPING, FINISHING STAGE 1
- CURB RAMP GRADING, SHAPING, FINISHING STAGE 2

PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	EROSION CONTROL	SHEET 38	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS - 2040-23-00_STH 100_MILWAUKEE CO\500_CADD\501_C3D_2022\20402300\SHEETS\022001-EC.DWG
LAYOUT NAME - 04

PLOT DATE : 1/16/2026 12:48 PM PLOT BY : JEFF KOMOROWSKI, PE PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

CONSTRUCTION LIMIT
139.4' LT
MATCH EXISTING
BUTT JOINT REQ'D

SHEPARD AVE

N

SERVICE ROAD

STH 100

MATCH LINE 124+00

125+00

126+00

127+00

128+00

129+00

130

MATCH LINE 130+00

WETLAND LIMITS

WETLAND LIMITS

CONSTRUCTION LIMIT
137.4' RT
MATCH EXISTING
BUTT JOINT REQ'D

LEGEND

- SILT FENCE
- HEAVY DUTY SILT FENCE
- SLOPE INTERCEPT
- X — INLET PROTECTION (TYPE)
- SURFACE WATER FLOW
- CURB RAMP GRADING, SHAPING, FINISHING STAGE 1
- CURB RAMP GRADING, SHAPING, FINISHING STAGE 2

PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	EROSION CONTROL	SHEET 39	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS - 2040-23-00_STH 100_MILWAUKEE CO\500_CADD\501_C3D_2022\20402300\SHEETS\022001-EC.DWG
LAYOUT NAME - 05

PLOT DATE : 1/16/2026 12:48 PM PLOT BY : JEFF KOMOROWSKI, PE PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND

- SILT FENCE
- HEAVY DUTY SILT FENCE
- SLOPE INTERCEPT
- INLET PROTECTION (TYPE) — X
- SURFACE WATER FLOW
- CURB RAMP GRADING, SHAPING, FINISHING STAGE 1
- CURB RAMP GRADING, SHAPING, FINISHING STAGE 2

N

END PROJECT
STA 133+75
MATCH EXISTING

CONSTRUCTION LIMIT
STA 131+00
MATCH EXISTING

WETLAND LIMITS

MATCH LINE 130+00

MATCH LINE 135+00

STH 100

GUY

MH

OH

SAN

SS

INL

C

131+00

132+00

133+00

134+00

135

PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	EROSION CONTROL	SHEET 40	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS - 2040-23-00_STH 100_MILWAUKEE CO\500_CADD\501_C3D_2022\20402300\SHEETS\022001-EC.DWG
LAYOUT NAME - 06

PLOT DATE : 1/16/2026 12:48 PM PLOT BY : JEFF KOMOROWSKI, PE PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

LEGEND

SILT FENCE

HEAVY DUTY SILT FENCE

SLOPE INTERCEPT

INLET PROTECTION (TYPE)

SURFACE WATER FLOW

CURB RAMP GRADING, SHAPING, FINISHING STAGE 1

CURB RAMP GRADING, SHAPING, FINISHING STAGE 2

SAN

I SIGN

MATCH LINE 135+00

STH 100

INL

INL

INL

136+00

137+00

138+00

139+00

140+00

SS

SS

WETLAND LIMITS

PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	EROSION CONTROL	SHEET 41	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS - 2040-23-00_STH 100_MILWAUKEE CO\500_CADD\501_C3D_2022\20402300\SHEETS\022001-EC.DWG
LAYOUT NAME - 07

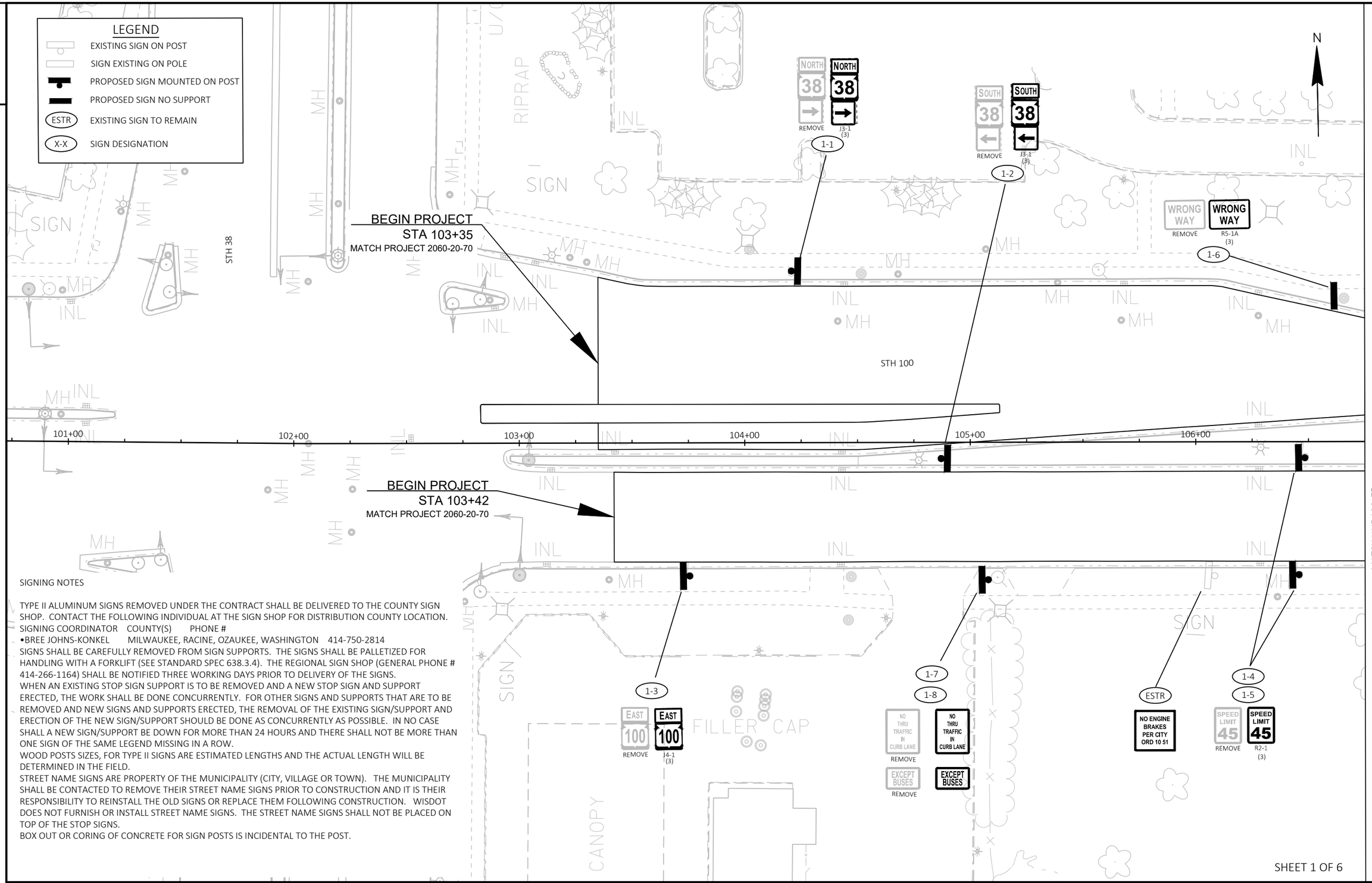
PLOT DATE : 1/16/2026 12:48 PM PLOT BY : JEFF KOMOROWSKI, PE PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- EXISTING SIGN ON POST
- SIGN EXISTING ON POLE
- PROPOSED SIGN MOUNTED ON POST
- PROPOSED SIGN NO SUPPORT
- (ESTR) EXISTING SIGN TO REMAIN
- (X-X) SIGN DESIGNATION



SIGNING NOTES

TYPE II ALUMINUM SIGNS REMOVED UNDER THE CONTRACT SHALL BE DELIVERED TO THE COUNTY SIGN SHOP. CONTACT THE FOLLOWING INDIVIDUAL AT THE SIGN SHOP FOR DISTRIBUTION COUNTY LOCATION.
SIGNING COORDINATOR COUNTY(S) PHONE #
•BREE JOHNS-KONKEL MILWAUKEE, RACINE, OZAUKEE, WASHINGTON 414-750-2814
SIGNS SHALL BE CAREFULLY REMOVED FROM SIGN SUPPORTS. THE SIGNS SHALL BE PALLETIZED FOR HANDLING WITH A FORKLIFT (SEE STANDARD SPEC 638.3.4). THE REGIONAL SIGN SHOP (GENERAL PHONE # 414-266-1164) SHALL BE NOTIFIED THREE WORKING DAYS PRIOR TO DELIVERY OF THE SIGNS.
WHEN AN EXISTING STOP SIGN SUPPORT IS TO BE REMOVED AND A NEW STOP SIGN AND SUPPORT ERECTED, THE WORK SHALL BE DONE CONCURRENTLY. FOR OTHER SIGNS AND SUPPORTS THAT ARE TO BE REMOVED AND NEW SIGNS AND SUPPORTS ERECTED, THE REMOVAL OF THE EXISTING SIGN/SUPPORT AND ERECTION OF THE NEW SIGN/SUPPORT SHOULD BE DONE AS CONCURRENTLY AS POSSIBLE. IN NO CASE SHALL A NEW SIGN/SUPPORT BE DOWN FOR MORE THAN 24 HOURS AND THERE SHALL NOT BE MORE THAN ONE SIGN OF THE SAME LEGEND MISSING IN A ROW.
WOOD POSTS SIZES, FOR TYPE II SIGNS ARE ESTIMATED LENGTHS AND THE ACTUAL LENGTH WILL BE DETERMINED IN THE FIELD.
STREET NAME SIGNS ARE PROPERTY OF THE MUNICIPALITY (CITY, VILLAGE OR TOWN). THE MUNICIPALITY SHALL BE CONTACTED TO REMOVE THEIR STREET NAME SIGNS PRIOR TO CONSTRUCTION AND IT IS THEIR RESPONSIBILITY TO REINSTALL THE OLD SIGNS OR REPLACE THEM FOLLOWING CONSTRUCTION. WISDOT DOES NOT FURNISH OR INSTALL STREET NAME SIGNS. THE STREET NAME SIGNS SHALL NOT BE PLACED ON TOP OF THE STOP SIGNS.
BOX OUT OR CORING OF CONCRETE FOR SIGN POSTS IS INCIDENTAL TO THE POST.

SHEET 1 OF 6

PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	PERMANENT SIGNING	SHEET 42 E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS - 2040-23-00_STH 100_MILWAUKEE CO\500_CADD\501_C3D_2022\20402300\SHEETS\023201-PS.DWG
LAYOUT NAME - 01
PLOT DATE : 1/16/2026 12:48 PM PLOT BY : JEFF KOMOROWSKI, PE PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

2

LEGEND

EXISTING SIGN ON POST

SIGN EXISTING ON POLE

PROPOSED SIGN MOUNTED ON POST

PROPOSED SIGN NO SUPPORT

ESTR EXISTING SIGN TO REMAIN

X-X SIGN DESIGNATION

N

MATCH LINE 106+75

MATCH LINE 112+50

STH 100

107+00 108+00 109+00 110+00 111+00 112+00

2-13: BEGIN LEFT TURN LANE — REMOVE; BEGIN LEFT TURN LANE R3-20L (3)

2-14: Racine — REMOVE; Racine

2-5: NORTH 38 / SOUTH 38 — REMOVE; NORTH 38 / SOUTH 38 J2-2 (3)

2-6: REMOVE; R4-7 (3)

2-7: ONE WAY — REMOVE; ONE WAY R6-2L (3)

2-8: NORTH 38 / SOUTH 38 — REMOVE; NORTH 38 / SOUTH 38 J2-2 (3)

2-9: NO TRESPASSING STATE OF WIS-OWNER VIOLATORS WILL BE PROSECUTED SEC 943.13 WIS STATUTES — REMOVE; R5-98 (2M)

2-10: NO PARKING ANY TIME — REMOVE; NO PARKING ANY TIME R7-1D (2M)

2-11: NO TRESPASSING STATE OF WIS-OWNER VIOLATORS WILL BE PROSECUTED SEC 943.13 WIS STATUTES — REMOVE; NO TRESPASSING STATE OF WIS-OWNER VIOLATORS WILL BE PROSECUTED SEC 943.13 WIS STATUTES R5-98 (2M)

2-12: Howell Ave NEXT SIGNAL — REMOVE; Howell Ave NEXT SIGNAL D1-6S (3)

2-3: ROADSIDE SPONSOR PULASKI H.S. AUTOMOTIVE ASE AYES YAP — REMOVE; ROADSIDE SPONSOR PULASKI H.S AUTOMOTIVE ASE AYES YAP I55-57P (3)

2-1: NO PARKING ANY TIME — REMOVE; NO PARKING ANY TIME R7-1D (2M)

2-2: NO PARKING ANY TIME — REMOVE; NO PARKING ANY TIME R7-1D (2M)

2-4: REMOVE; R4-7 (3)

SHEET 2 OF 6

PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	PERMANENT SIGNING	SHEET 43	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS - 2040-23-00_STH 100_MILWAUKEE CO\500_CADD\501_C3D_2022\20402300\SHEETS\023201-PS.DWG
LAYOUT NAME - 02
PLOT DATE : 1/16/2026 12:48 PM PLOT BY : JEFF KOMOROWSKI, PE PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

2

LEGEND

EXISTING SIGN ON POST

SIGN EXISTING ON POLE

PROPOSED SIGN MOUNTED ON POST

PROPOSED SIGN NO SUPPORT

ESTR EXISTING SIGN TO REMAIN

X-X SIGN DESIGNATION

N

MATCH LINE 112+50

MATCH LINE 118+25

STH 100

113+00 114+00 115+00 116+00 117+00 118+00

REMOVE

W3-3 (3)

3-5

3-6

JCT 38 JCT 38

REMOVE J1-1 (3)

3-7

3-8

NO PARKING ANY TIME

REMOVE R7-1D (2M)

3-9

W11-2 (3)

AHEAD W16-9P (3)

3-1

3-2

NO THRU TRAFFIC IN CURB LANE

REMOVE

EXCEPT BUSES

REMOVE

NO THRU TRAFFIC IN CURB LANE

EXCEPT BUSES

3-15

3-16

3-13

3-14

NO THRU TRAFFIC IN CURB LANE

REMOVE

EXCEPT BUSES

REMOVE

NO THRU TRAFFIC IN CURB LANE

EXCEPT BUSES

3-10

3-11

SPEED LIMIT 45

REMOVE

SPEED LIMIT 45

R2-1 (3)

CANOPY

3-3

3-4

W11-2 (3)

AHEAD W16-9P (3)

3-12

NO PARKING ANY TIME

REMOVE R7-1D (2M)

SHEET 3 OF 6

PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	PERMANENT SIGNING	SHEET 44	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS - 2040-23-00_STH 100_MILWAUKEE CO\500_CADD\501_C3D_2022\20402300\SHEETS\023201-PS.DWG
LAYOUT NAME - 03

PLOT DATE : 1/16/2026 12:48 PM PLOT BY : JEFF KOMOROWSKI, PE PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- EXISTING SIGN ON POST
- SIGN EXISTING ON POLE
- PROPOSED SIGN MOUNTED ON POST
- PROPOSED SIGN NO SUPPORT
- ESTR — EXISTING SIGN TO REMAIN
- X-X — SIGN DESIGNATION

MATCH LINE 118+25

SERVICE ROAD

STH 100

PARKWAY ESTATES DR

N

4-1 STOP REMOVE; R1-1 (2S)
4-2 STOP REMOVE; R1-1 (2S)
4-3 STOP REMOVE; R1-1 (2S)
4-4 STOP REMOVE; R1-1 (2S)
4-5 DO NOT BLOCK INTERSECTION REMOVE; R10-7 (2S)
4-6 W11-2 (3); W16-7R (3)
4-7 W11-2 (3); W16-7R (3)
4-8 W11-2 (3); W16-7L (3)
4-9 W11-2 (3); W16-7L (3)
4-10 W11-2 (3); W16-7R (3)
4-11 W11-2 (3); W16-7R (3)
4-12 W11-2 (3); W16-7L (3)
4-13 W11-2 (3); W16-7L (3)
4-14 Shepard Ave NEXT SIGNAL D1-65 (3); Shepard Ave NEXT SIGNAL REMOVE
4-15 ONE WAY R6-2L (3)
4-16 REMOVE
4-17 DO NOT ENTER REMOVE; R5-1 (3)
4-18 WRONG WAY REMOVE; R5-1A (3)
4-19 REMOVE; W3-3 (3)
4-20 ONE WAY REMOVE; R6-2R (2S)
4-21 REMOVE; R4-7 (3)
4-22 NO PARKING ANY TIME REMOVE; R7-1D (2M)
4-23 SPEED LIMIT 25 REMOVE; R2-1 (2S)
4-24 DEAD END REMOVE; W14-1 (2S)
4-25 BEGIN LEFT TURN LANE REMOVE; R3-20L (3)
4-26 DIVIDED HIGHWAY REMOVE; R6-3 (2S)

ON LIGHT POLE
ON LIGHT POLE

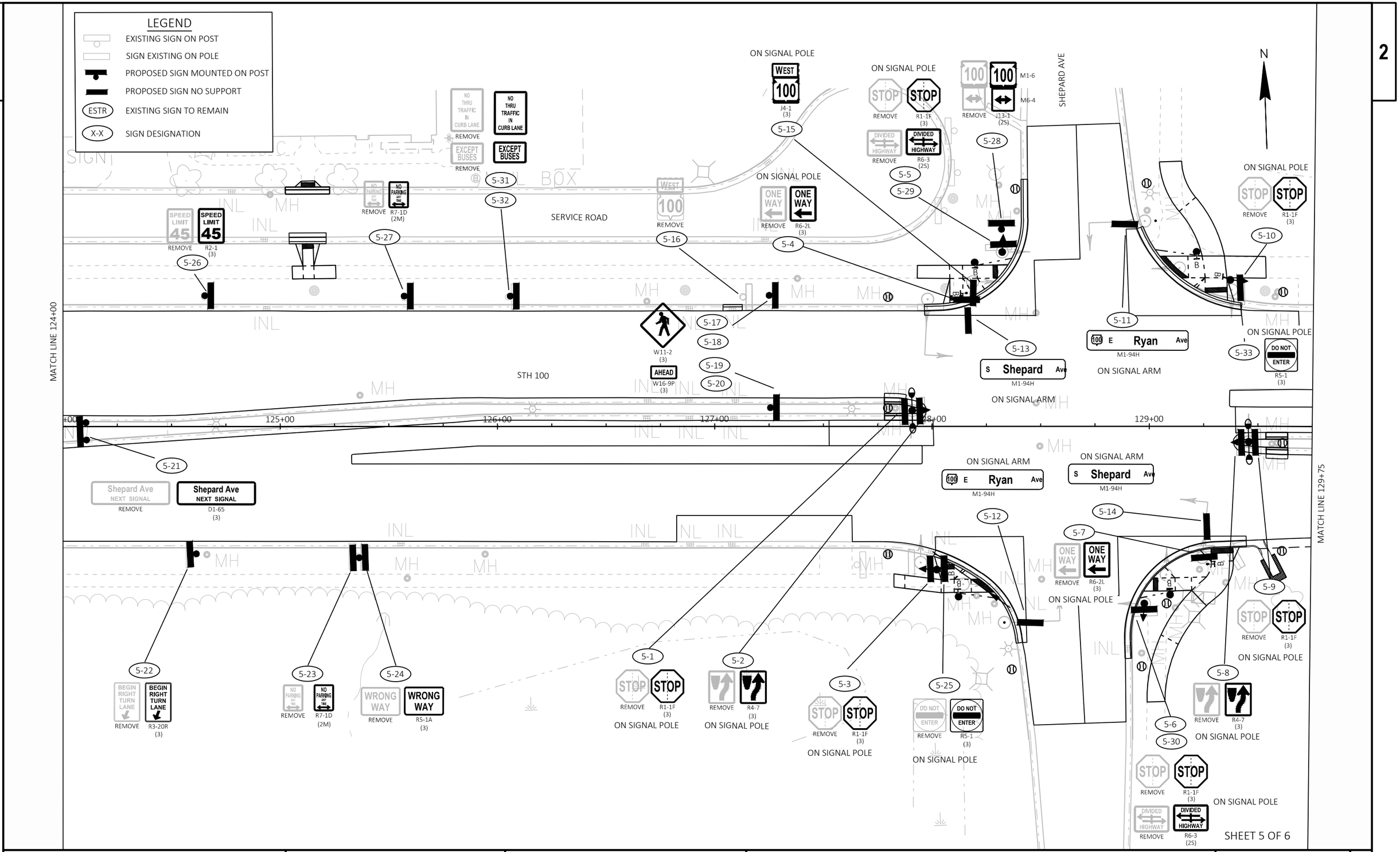
119+00 120+00 121+00 122+00 123+00 124

MATCH LINE 124+00

SHEET 4 OF 6

PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	PERMANENT SIGNING	SHEET 45	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS - 2040-23-00_STH 100_MILWAUKEE CO\500_CADD\501_C3D_2022\20402300\SHEETS\023201-PS.DWG
LAYOUT NAME - 04
PLOT DATE : 1/16/2026 12:48 PM PLOT BY : JEFF KOMOROWSKI, PE PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42



PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	PERMANENT SIGNING	SHEET 46	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS - 2040-23-00_STH 100_MILWAUKEE CO\500_CADD\501_C3D_2022\20402300\SHEETS\023201-PS.DWG
LAYOUT NAME - 05

PLOT DATE : 1/16/2026 12:48 PM PLOT BY : JEFF KOMOROWSKI, PE PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND

- EXISTING SIGN ON POST
- SIGN EXISTING ON POLE
- PROPOSED SIGN MOUNTED ON POST
- PROPOSED SIGN NO SUPPORT
- (ESTR) EXISTING SIGN TO REMAIN
- (X-X) SIGN DESIGNATION

N

WRONG WAY
REMOVE

WRONG WAY
R5-1A
(3)

6-2

BEGIN LEFT TURN LANE
REMOVE

BEGIN LEFT TURN LANE
R3-20L
(3)

6-3

END PROJECT
STA 133+75
MATCH EXISTING

MH

MH

MATCH LINE 129+75

130+00

131+00

132+00

133+00

134+00

INL

INL

INL

STH 100

END PROJECT
STA 131+00
MATCH EXISTING

6-1

EAST
100
REMOVE

EAST
100
J4-1
(3)

SHEET 6 OF 6

PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	PERMANENT SIGNING	SHEET 47	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS - 2040-23-00_STH 100_MILWAUKEE CO\500_CADD\501_C3D_2022\20402300\SHEETS\023201-PS.DWG
LAYOUT NAME - 06

PLOT DATE : 1/16/2026 12:48 PM PLOT BY : JEFF KOMOROWSKI, PE PLOT NAME : PLOT SCALE : 1 IN:40 FT

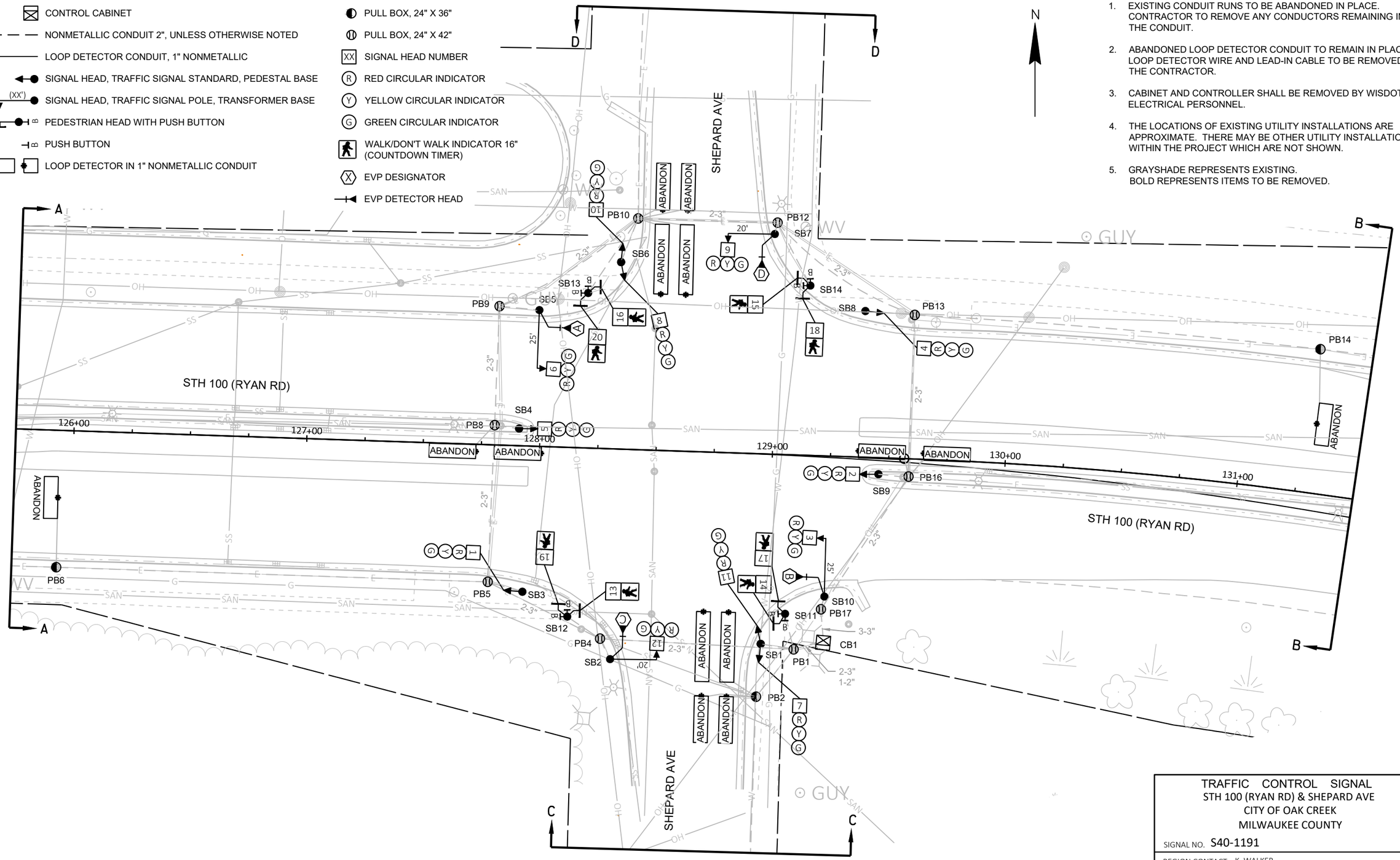
WISDOT/CADDS SHEET 42

LEGEND

- CONTROL CABINET
- NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED
- LOOP DETECTOR CONDUIT, 1" NONMETALLIC
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX') SIGNAL HEAD, TRAFFIC SIGNAL POLE, TRANSFORMER BASE
- PEDESTRIAN HEAD WITH PUSH BUTTON
- PUSH BUTTON
- LOOP DETECTOR IN 1" NONMETALLIC CONDUIT
- PULL BOX, 24" X 36"
- PULL BOX, 24" X 42"
- XX SIGNAL HEAD NUMBER
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- WALK/DON'T WALK INDICATOR 16" (COUNTDOWN TIMER)
- X EVP DESIGNATOR
- EVP DETECTOR HEAD

CONSTRUCTION NOTES:

1. EXISTING CONDUIT RUNS TO BE ABANDONED IN PLACE. CONTRACTOR TO REMOVE ANY CONDUCTORS REMAINING IN THE CONDUIT.
2. ABANDONED LOOP DETECTOR CONDUIT TO REMAIN IN PLACE. LOOP DETECTOR WIRE AND LEAD-IN CABLE TO BE REMOVED BY THE CONTRACTOR.
3. CABINET AND CONTROLLER SHALL BE REMOVED BY WISDOT ELECTRICAL PERSONNEL.
4. THE LOCATIONS OF EXISTING UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT WHICH ARE NOT SHOWN.
5. GRAYSHADE REPRESENTS EXISTING. BOLD REPRESENTS ITEMS TO BE REMOVED.



TRAFFIC CONTROL SIGNAL
STH 100 (RYAN RD) & SHEPARD AVE
CITY OF OAK CREEK
MILWAUKEE COUNTY

SIGNAL NO. S40-1191

REGION CONTACT: K. WALKER
DESIGNED BY:
REVISED BY: TADI

PAGE 1 OF 2

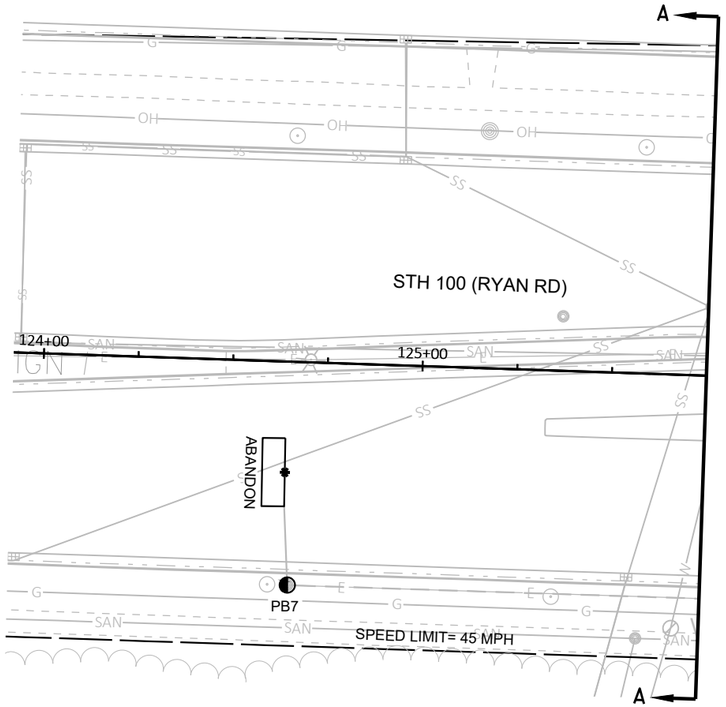
PROJECT NO: 2040-23-70	HWY: 100	COUNTY: MILWAUKEE	TRAFFIC SIGNAL REMOVAL PLAN	SHEET 48	E

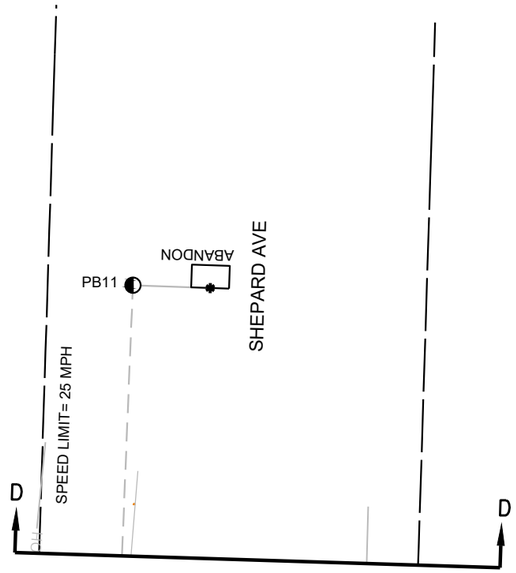
FILE NAME : Z:\SHARED\WI\3035 STH 100 AND STH 38 SIGNALS\CAD\STH 100\EXISTING\S40-1191_REM_SHEPARD_2040-23-70.DWG
LAYOUT NAME - S40-1191_rem_pg1

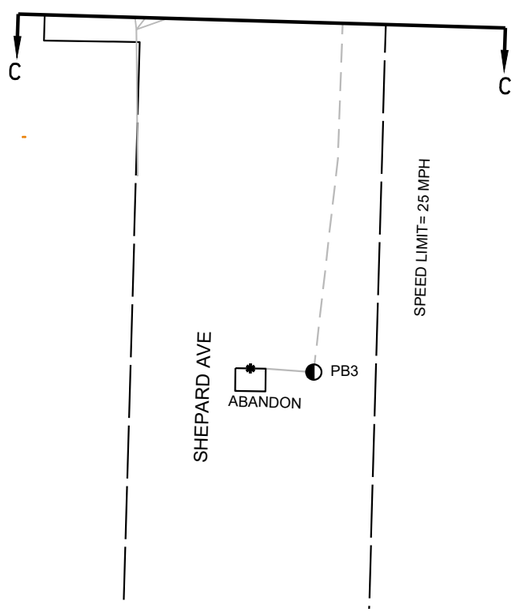
PLOT DATE : 10/14/2025 1:26 PM PLOT BY : DERRIN WOLFORD PLOT NAME : PLOT SCALE : 1 IN:40 FT

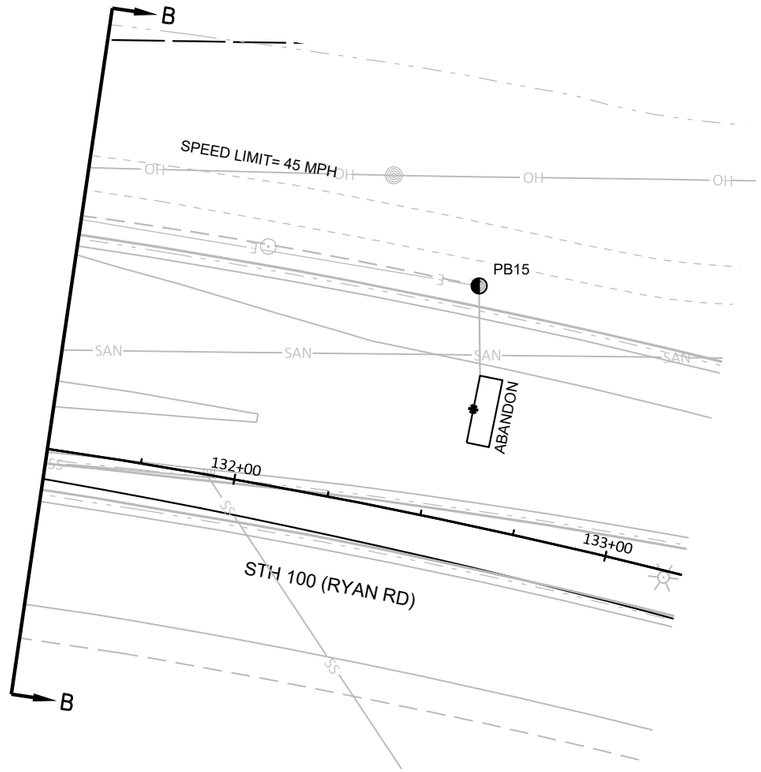
WISDOT/CADDS SHEET 42

2









TRAFFIC CONTROL SIGNAL
STH 100 (RYAN RD) & SHEPARD AVE
CITY OF OAK CREEK
MILWAUKEE COUNTY

SIGNAL NO. S40-1191

REGION CONTACT: K. WALKER
DESIGNED BY:
REVISED BY: TADI

PAGE 2 OF 2

PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	TRAFFIC SIGNAL REMOVAL PLAN	SHEET 49	E

FILE NAME : Z:\SHARED\WI\3035 STH 100 AND STH 38 SIGNALS\CAD\STH 100\EXISTING\S40-1191_REM_SHEPARD_2040-23-70.DWG
LAYOUT NAME - S40-1191_rem_pg2

PLOT DATE : 10/14/2025 1:27 PM PLOT BY : DERRIN WOLFORD PLOT NAME : PLOT SCALE : 1 IN:40 FT

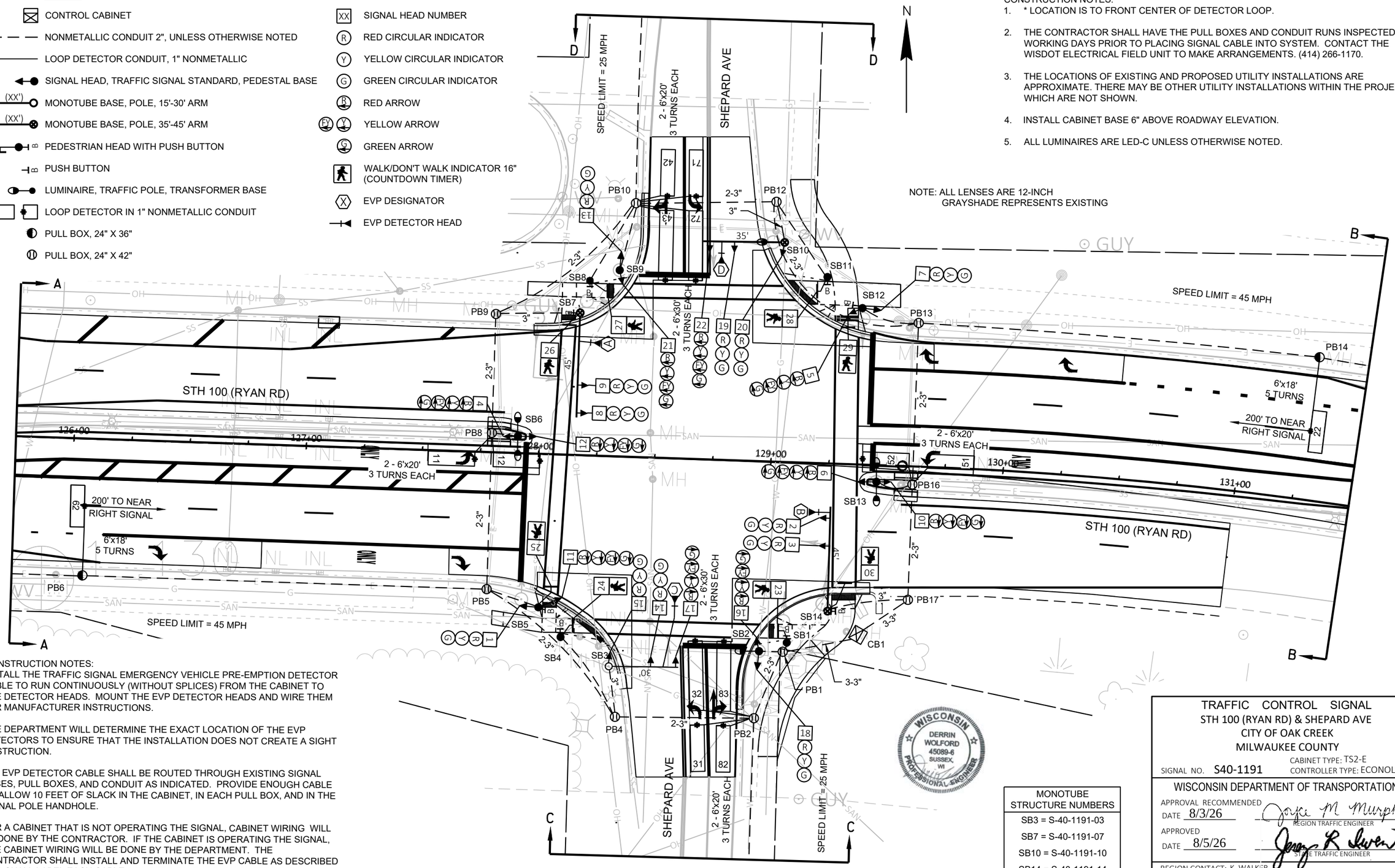
LEGEND

- CONTROL CABINET
- NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED
- LOOP DETECTOR CONDUIT, 1" NONMETALLIC
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX') MONOTUBE BASE, POLE, 15'-30' ARM
- (XX') MONOTUBE BASE, POLE, 35'-45' ARM
- PEDESTRIAN HEAD WITH PUSH BUTTON
- PUSH BUTTON
- LUMINAIRE, TRAFFIC POLE, TRANSFORMER BASE
- LOOP DETECTOR IN 1" NONMETALLIC CONDUIT
- PULL BOX, 24" X 36"
- PULL BOX, 24" X 42"
- XX SIGNAL HEAD NUMBER
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- R RED ARROW
- FY Y YELLOW ARROW
- G GREEN ARROW
- WALK/DON'T WALK INDICATOR 16" (COUNTDOWN TIMER)
- X EVP DESIGNATOR
- EVP DETECTOR HEAD

CONSTRUCTION NOTES:

1. * LOCATION IS TO FRONT CENTER OF DETECTOR LOOP.
2. THE CONTRACTOR SHALL HAVE THE PULL BOXES AND CONDUIT RUNS INSPECTED 5 WORKING DAYS PRIOR TO PLACING SIGNAL CABLE INTO SYSTEM. CONTACT THE WISDOT ELECTRICAL FIELD UNIT TO MAKE ARRANGEMENTS. (414) 266-1170.
3. THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT WHICH ARE NOT SHOWN.
4. INSTALL CABINET BASE 6" ABOVE ROADWAY ELEVATION.
5. ALL LUMINAIRES ARE LED-C UNLESS OTHERWISE NOTED.

NOTE: ALL LENSES ARE 12-INCH
GRAYSHADE REPRESENTS EXISTING



EVP CONSTRUCTION NOTES:

1. INSTALL THE TRAFFIC SIGNAL EMERGENCY VEHICLE PRE-EMPTION DETECTOR CABLE TO RUN CONTINUOUSLY (WITHOUT SPLICES) FROM THE CABINET TO THE DETECTOR HEADS. MOUNT THE EVP DETECTOR HEADS AND WIRE THEM PER MANUFACTURER INSTRUCTIONS.
2. THE DEPARTMENT WILL DETERMINE THE EXACT LOCATION OF THE EVP DETECTORS TO ENSURE THAT THE INSTALLATION DOES NOT CREATE A SIGHT OBSTRUCTION.
3. ALL EVP DETECTOR CABLE SHALL BE ROUTED THROUGH EXISTING SIGNAL BASES, PULL BOXES, AND CONDUIT AS INDICATED. PROVIDE ENOUGH CABLE TO ALLOW 10 FEET OF SLACK IN THE CABINET, IN EACH PULL BOX, AND IN THE SIGNAL POLE HANDHOLE.
4. FOR A CABINET THAT IS NOT OPERATING THE SIGNAL, CABINET WIRING WILL BE DONE BY THE CONTRACTOR. IF THE CABINET IS OPERATING THE SIGNAL, THE CABINET WIRING WILL BE DONE BY THE DEPARTMENT. THE CONTRACTOR SHALL INSTALL AND TERMINATE THE EVP CABLE AS DESCRIBED AND SHALL LABEL EACH CABLE AS NOTED ON THE PLAN SHEETS (I.E. EVP A-B-C-D).

WISCONSIN DERRIN WOLFORD 45089-6 SUSSEX, WI PROFESSIONAL ENGINEER

MONOTUBE STRUCTURE NUMBERS
SB3 = S-40-1191-03
SB7 = S-40-1191-07
SB10 = S-40-1191-10
SB14 = S-40-1191-14

TRAFFIC CONTROL SIGNAL
STH 100 (RYAN RD) & SHEPARD AVE
CITY OF OAK CREEK
MILWAUKEE COUNTY

SIGNAL NO. S40-1191
CABINET TYPE: TS2-E
CONTROLLER TYPE: ECONOLITE

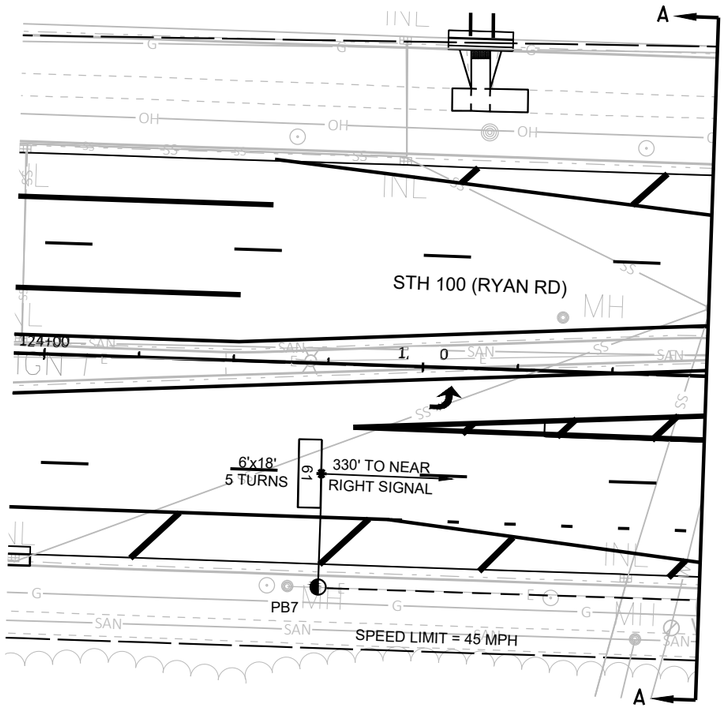
WISCONSIN DEPARTMENT OF TRANSPORTATION

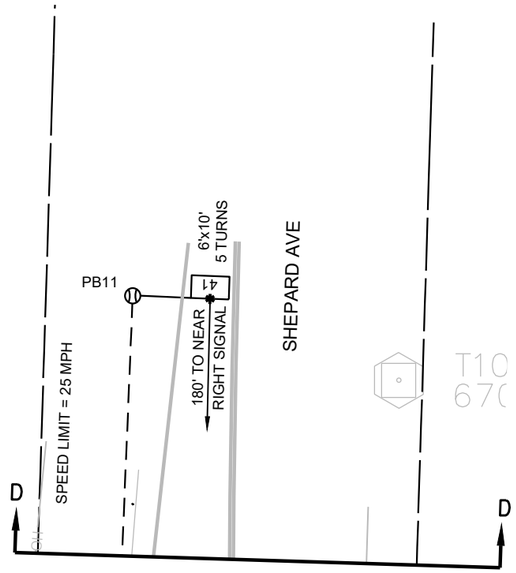
APPROVAL RECOMMENDED
DATE 8/3/26 — REGION TRAFFIC ENGINEER
APPROVED
DATE 8/5/26 — STATE TRAFFIC ENGINEER

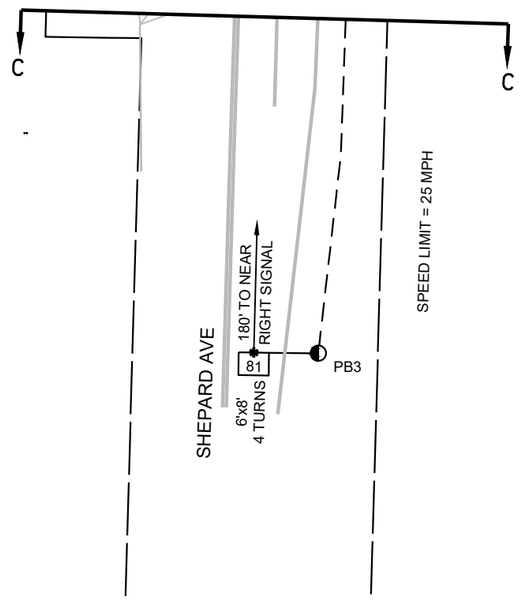
REGION CONTACT: K. WALKER
DESIGNED BY: TADI
REVISED BY:

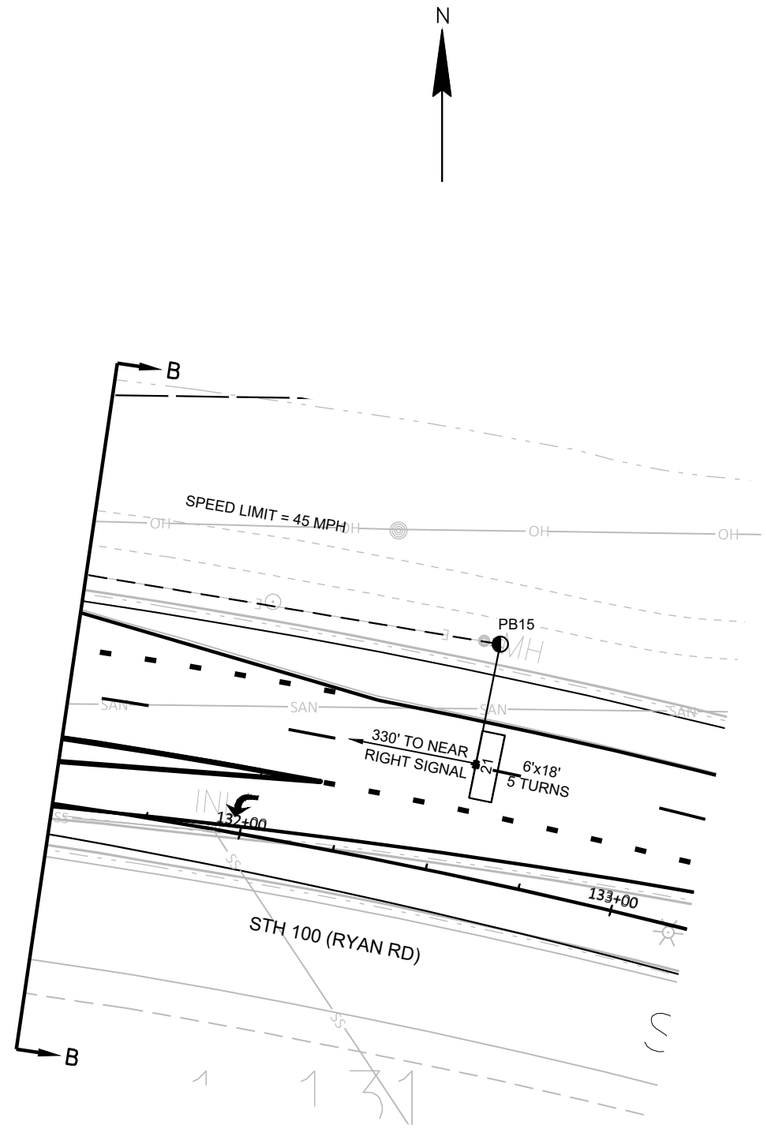
PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	TRAFFIC SIGNAL PLAN	SHEET 50 E

FILE NAME : Z:\SHARED\WI\3035 STH 100 AND STH 38 SIGNALS\CAD\STH 100\S40-1191 STH 100 AT SHEPARD.DWG
LAYOUT NAME - S40-1191_pg1
PLOT DATE : 7/17/2026 12:03 PM
PLOT BY : DERRIN WOLFORD
PLOT NAME :
PLOT SCALE : 1 IN:40 FT









TRAFFIC CONTROL SIGNAL
STH 100 (RYAN RD) & SHEPARD AVE
CITY OF OAK CREEK
MILWAUKEE COUNTY

SIGNAL NO. S40-1191

REGION CONTACT: K. WALKER
DESIGNED BY: TADI
REVISED BY:

PAGE 2 OF 3

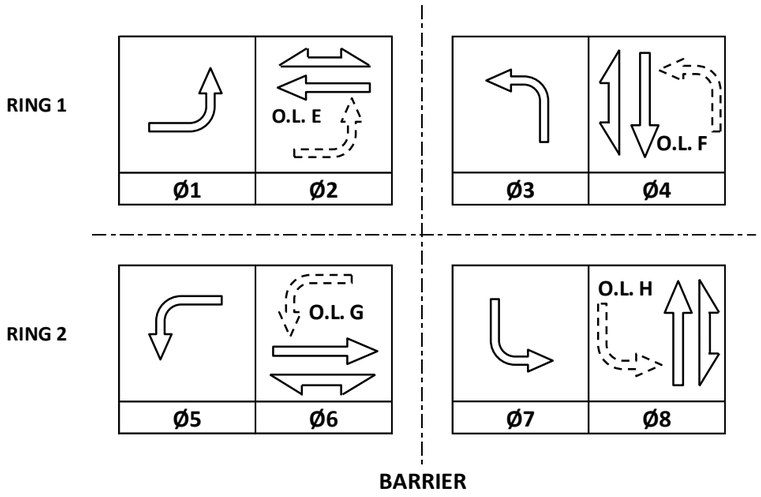
PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	TRAFFIC SIGNAL PLAN	SHEET 51	E

FILE NAME : Z:\SHARED\WI\3035 STH 100 AND STH 38 SIGNALS\CAD\STH 100\S40-1191 STH 100 AT SHEPARD.DWG
LAYOUT NAME - S40-1191_pg2

PLOT DATE : 1/7/2026 10:16 AM PLOT BY : DERRIN WOLFORD PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

	HEAD NUMBERS	FLASH
Ø1	4,5,6	R ←
Ø2	7,8,9	R
Ø3	21,22	R ←
Ø4	13,14,15	R
Ø5	10,11,12	R ←
Ø6	1,2,3	R
Ø7	16,17	R ←
Ø8	18,19,20	R
Ø2P	27,28	
Ø4P	25,26	
Ø6P	23,24	
Ø8P	29,30	
OLE	4,5,6	-
OLF	21,22	-
OLG	10,11,12	-
OLH	16,17	-



CONTROLLER LOGIC

PHASE NUMBER	PHASE LOCKING	DUAL ENTRY W / Ø	PHASE RECALL	PHASE ACTIVE
1		6		X
2	X	6	MIN	X
3		8		X
4		8		X
5		2		X
6	X	2	MIN	X
7		4		X
8		4		X

EMERGENCY VEHICLE PREEMPTION SEQUENCE

EMERGENCY VEHICLE PREEMPTOR	A	B	C	D
MOVEMENT				
PHASE	2+5	6+1	4+7	8+3

AFTER PREEMPTION SEQUENCE 2+5 OR 6+1, CONTROLLER SHALL RETURN TO PHASES 2+6.
AFTER PREEMPTION SEQUENCE 4+7 OR 8+3, CONTROLLER SHALL RETURN TO PHASES 4+8.

TYPE OF INTERCONNECT/COMMUNICATION	
NONE	
CLOSED LOOP	
TWISTED PAIR	
FIBER OPTIC*	
FIBER OPTIC (ETHERNET)	
RADIO	
CELL MODEM	X

TYPE OF COORDINATION	
NONE	X
TBC	
TRAFFIC RESPONSIVE	
ADAPTIVE	
*LOCATION OF MASTER CONTROLLER NO: S-	
SIGNAL SYSTEM NO: SS-	

TYPE OF LIGHTING	
BY OTHER AGENCY	
IN TRAFFIC CABINET	X
IN SEPARATE DOT LIGHTING CABINET	

TYPE OF PRE-EMPT	
NONE	
RAILROAD	
EMERGENCY VEHICLE	X
GTT	X
TOMAR	
HARDWIRE	
OTHER	
CONFIRMATION LIGHTS	
LIFT BRIDGE	
QUEUE DETECTION	

DETECTOR LOGIC

DETECTOR INPUT	3	1	7	5	11	9	15	13	19	17	23	21	27	25	31	29	DETECTOR INPUT
PLAN LOOP DETECTOR*(S)	11	21	31	41	43	52	62	72	82								PLAN LOOP DETECTOR*(S)
CALLED PHASE	1	2	3	4	4	5	6	7	8								CALLED PHASE
CALL OPTION	X	X	X		X	X	X	X	X								CALL OPTION
DELAY TIME					X			X	X								DELAY TIME
EXTENTION OPTION	X	X	X	X	X	X	X	X	X								EXTENTION OPTION
EXTEND TIME				X													EXTEND TIME
USE ADDED INITIAL		X					X										USE ADDED INITIAL
CROSS SWITCH PHASE	2		4			6		8									CROSS SWITCH PHASE

DETECTOR INPUT	4	2	8	6	12	10	16	14	20	18	24	22	28	26	32	30	DETECTOR INPUT
PLAN LOOP DETECTOR*(S)	12	22	32	42	51	61	71	81	83								PLAN LOOP DETECTOR*(S)
CALLED PHASE	1	2	3	4	5	6	7	8	8								CALLED PHASE
CALL OPTION	X	X	X	X	X	X	X		X								CALL OPTION
DELAY TIME			X	X					X								DELAY TIME
EXTENTION OPTION	X	X	X	X	X	X	X	X	X								EXTENTION OPTION
EXTEND TIME								X									EXTEND TIME
USE ADDED INITIAL		X				X											USE ADDED INITIAL
CROSS SWITCH PHASE	2		4		6		8										CROSS SWITCH PHASE

STH 100 (RYAN RD) & SHEPARD AVE
CITY OF OAK CREEK
MILWAUKEE COUNTY

SIGNAL NO: S40-1191 CABINET TYPE: TS2-E
CONTROLLER TYPE: ECONOLITE
DATE: 7/26 PAGE NUMBER: 3 OF 3

PROJECT ID:	2040-23-70
INTERSECTION:	STH 100 (RYAN RD) & SHEPARD AVE

SIGNAL WIRE COLOR CODING	BLK-BLACK	RED-RED	GRN-GREEN
	WHT-WHITE	BLU-BLUE	ORG-ORANGE

CB1 TO	JUMPER	# OF COND. AWG 14	HEAD NO.	SIGNAL INDICATION WIRE COLOR									PED BUTTON 1	PED BUTTON 2
				RED	YELLOW	GREEN	<RED>	<YELLOW>	<FL YELLOW>	<GREEN>	D/WALK	WALK		
SB1		7	23								BLK	BLU		
			B										WHT/BLK	
SB2		12	16				RED/BLK	ORG/BLK	BLK/WHT	GRN/BLK				
			18	RED	ORG	GRN								
SB3		12	14	RED	ORG	GRN								
			15	RED	ORG	GRN								
			17				RED/BLK	ORG/BLK	BLK/WHT	GRN/BLK				
SB4		7	24								BLK	BLU		
			B										WHT/BLK	
SB5		12	1	RED	ORG	GRN								
			11				RED/BLK	ORG/BLK	BLK/WHT	GRN/BLK				
			25								BLK	BLU		
			B										WHT/BLK	
SB6		12	4				RED	ORG	BLK/WHT	GRN				
			12				RED/BLK	ORG/BLK	WHT/BLK	GRN/BLK				
SB7		12	8	RED	ORG	GRN								
			9	RED	ORG	GRN								
			26								BLK	BLU		
			B										WHT/BLK	
SB8		7	27								BLK	BLU		
			B										WHT/BLK	
SB9		12	13	RED/BLK	ORG/BLK	GRN/BLK								
			21				RED	ORG	BLK/WHT	GRN				
SB10		12	19	RED	ORG	GRN								
			20	RED	ORG	GRN								
			22				RED/BLK	ORG/BLK	BLK/WHT	GRN/BLK				
SB11		7	28								BLK	BLU		
			B										WHT/BLK	
SB12		12	5				RED	ORG	BLK/WHT	GRN				
			7	RED/BLK	ORG/BLK	GRN/BLK								
			29								BLK	BLU		
			B										WHT/BLK	
SB13		12	6				RED	ORG	BLK/WHT	GRN				
			10				RED/BLK	ORG/BLK	WHT/BLK	GRN/BLK				
SB14		12	2	RED	ORG	GRN								
			3	RED	ORG	GRN								
			30								BLK	BLU		
			B										WHT/BLK	

EQUIPMENT GROUNDING CONDUCTOR 10 AWG

FROM	TO
CB1	SB1
SB1	SB2
SB2	SB3
SB3	SB4
SB4	SB5
SB5	SB6
SB6	SB7
SB7	SB8
SB8	SB9
SB9	SB10
SB10	SB11
SB11	SB12
SB12	SB13
SB13	SB14
SB14	CB1

PULL BOX BONDING JUMPER 10 AWG GRN XLP

FROM	TO
SB1	PB1
SB1	PB2
SB3	PB4
SB5	PB5
SB6	PB8
SB7	PB9
SB9	PB10
SB10	PB12
SB12	PB13
SB13	PB16
CB1	PB17

LIGHTING UF 12 AWG W/GROUND

FROM	TO
CB1	SB2
SB2	SB6
CB1	SB13
SB13	SB10

EMERGENCY VEHICLE PREEMPTION

FROM	TO
CB1	SB7 (HEAD A)
CB1	SB14 (HEAD B)
CB1	SB3 (HEAD C)
CB1	SB10 (HEAD D)

NOTES:
1. USE WHITE CONDUCTOR IN THE SIGNAL CABLE AS THE GROUNDED CONDUCTOR FOR ALL TRAFFIC SIGNAL INDICATIONS.
2. ENSURE THE GROUNDED CONDUCTOR IN THE FEEDER CABLE AND THE POLE CABLES ARE BOTH 18" LONGER THAN THE UNGROUNDED CONDUCTORS.
3. AT THE SIGNAL BASES, CONNECT ONE TERMINAL FROM THE PEDESTRIAN PUSH BUTTONS TO THE COLOR INDICATED IN THE CHART. CONNECT THE OTHER TERMINAL TO THE GROUNDED CONDUCTOR.

2

N

BEGIN PROJECT
STA 103+35
MATCH PROJECT 2060-20-70

STH 38

STH 100

101+00 102+00 103+00 104+00 105+00 106+00

ONLY +58 +58 +55 +50 +42 +06 +86 +67 +86

MATCH LINE 106+75

BEGIN PROJECT
STA 103+42
MATCH PROJECT 2060-20-70

SIGN SIGN SIGN RIPRAP CANOPY

LEGEND

1	MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE
2	MARKING LINE GROOVED WET REF EPOXY 6 INCH YELLOW
3	MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE
4	MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, (3' LINE, 9' SKIP)
5	MARKING ARROW EPOXY
6	MARKING WORD EPOXY
7	MARKING LINE EPOXY 8-INCH, WHITE
8	MARKING STOP LINE EPOXY 18-INCH
9	MARKING DIAGONAL EPOXY 12-INCH, WHITE
10	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH
11A	MARKING LINE GROOVED WET REF EPOXY, 6-INCH, WHITE, (12.5' DASH)
11B	MARKING LINE GROOVED EPOXY 6-INCH, BLACK, (12.5' DASH)
12	MARKING CURB EPOXY
13	MARKING ISLAND NOSE EPOXY
14	MARKING LINE GROOVED WET REF EPOXY, 6-INCH, WHITE, (3' LINE, 9' SKIP)
15	MARKING LINE EPOXY 4-INCH, WHITE
16	MARKING LINE EPOXY 4-INCH, YELLOW

PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 54	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS - 2040-23-00_STH 100_MILWAUKEE CO\500_CADD\501_C3D_2022\20402300\SHEETS\024501-PM.DWG
LAYOUT NAME - 01
PLOT DATE : 7/10/2026 10:26 AM PLOT BY : JEFF KOMOROWSKI, PE PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

2

N

MATCH LINE 106+75

MATCH LINE 112+50

STH 100

107+00 108+00 109+00 110+00 111+00 112+00

+83 +52 +14 +01 +63 +48 +97 +18 +63 +84

SIGN

LEGEND

1	MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE
2	MARKING LINE GROOVED WET REF EPOXY 6 INCH YELLOW
3	MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE
4	MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, (3' LINE, 9' SKIP)
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13	MARKING ISLAND NOSE EPOXY
14	MARKING LINE GROOVED WET REF EPOXY, 6-INCH, WHITE, (3' LINE, 9' SKIP)
15	MARKING LINE EPOXY 4-INCH, WHITE
16	MARKING LINE EPOXY 4-INCH, YELLOW

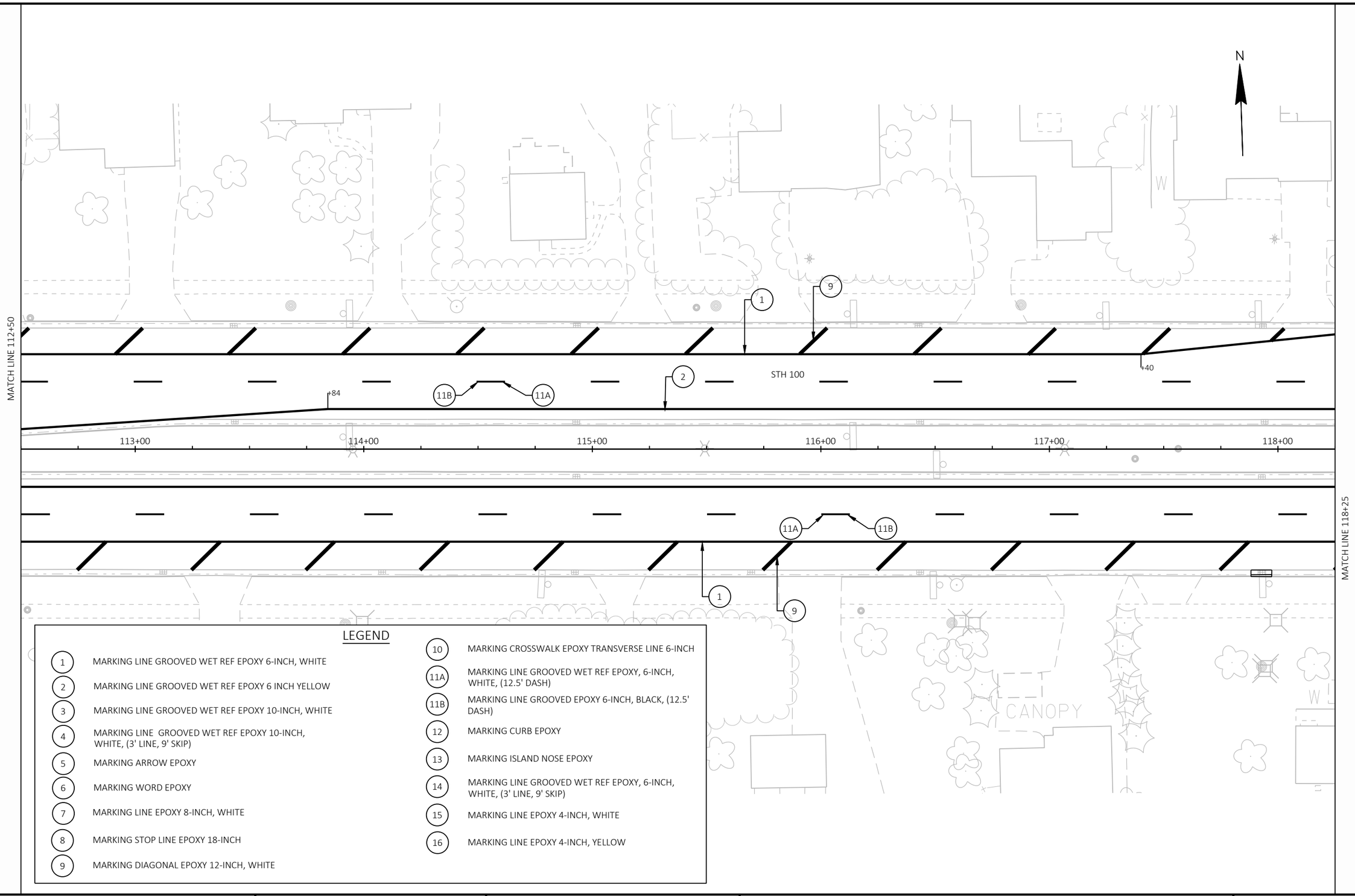
PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 55 E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS - 2040-23-00_STH 100_MILWAUKEE CO\500_CADD\501_C3D_2022\20402300\SHEETS\024501-PM.DWG
LAYOUT NAME - 02

PLOT DATE : 7/10/2026 10:26 AM PLOT BY : JEFF KOMOROWSKI, PE PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2



LEGEND

1	MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE
2	MARKING LINE GROOVED WET REF EPOXY 6 INCH YELLOW
3	MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE
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6	MARKING WORD EPOXY
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13	MARKING ISLAND NOSE EPOXY
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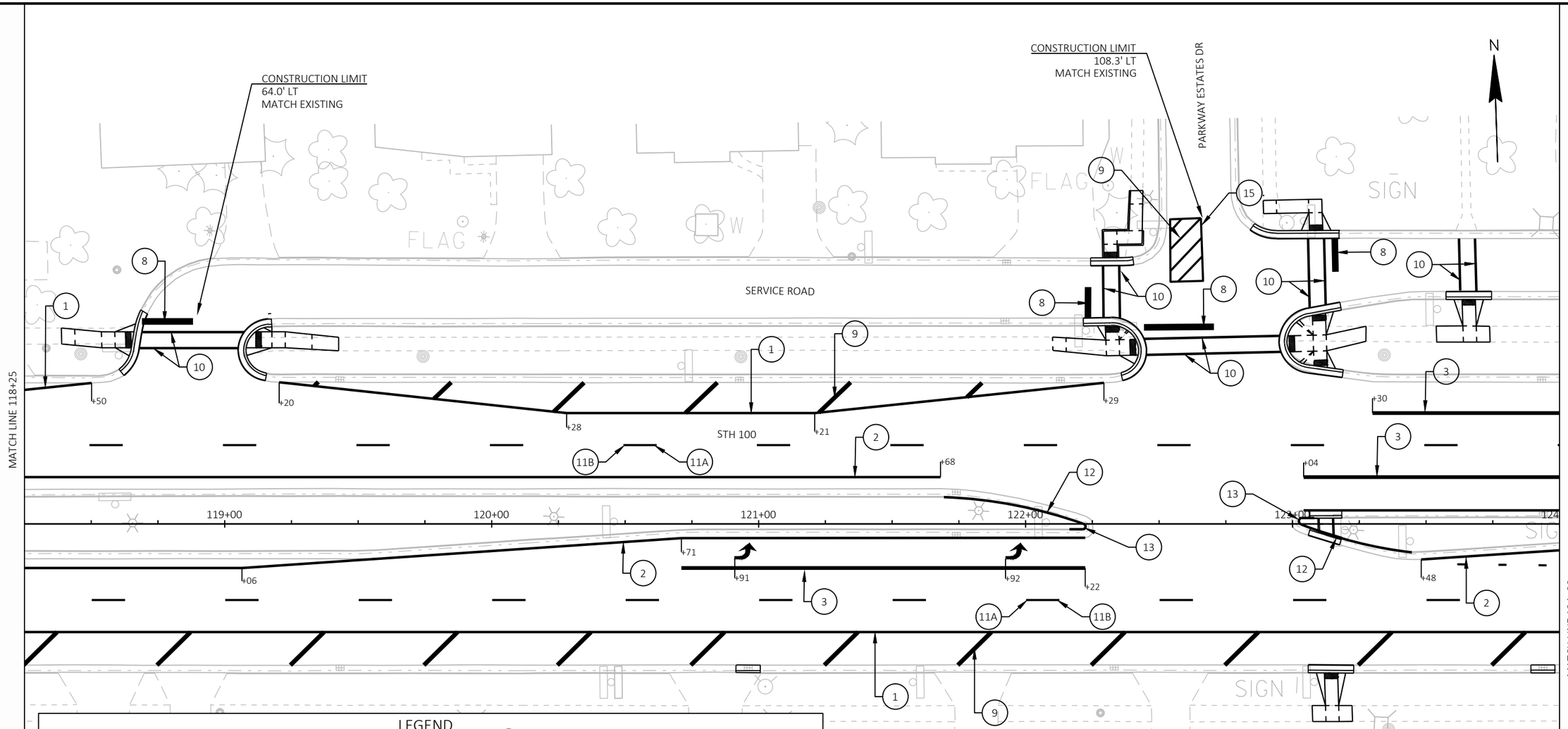
15	MARKING LINE EPOXY 4-INCH, WHITE
16	MARKING LINE EPOXY 4-INCH, YELLOW

PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 56	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS - 2040-23-00_STH 100_MILWAUKEE CO\500_CADD\501_C3D_2022\20402300\SHEETS\024501-PM.DWG
LAYOUT NAME - 03
PLOT DATE : 7/10/2026 10:26 AM
PLOT BY : JEFF KOMOROWSKI, PE
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2



LEGEND

1	MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE
2	MARKING LINE GROOVED WET REF EPOXY 6 INCH YELLOW
3	MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE
4	MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, (3' LINE, 9' SKIP)
5	MARKING ARROW EPOXY
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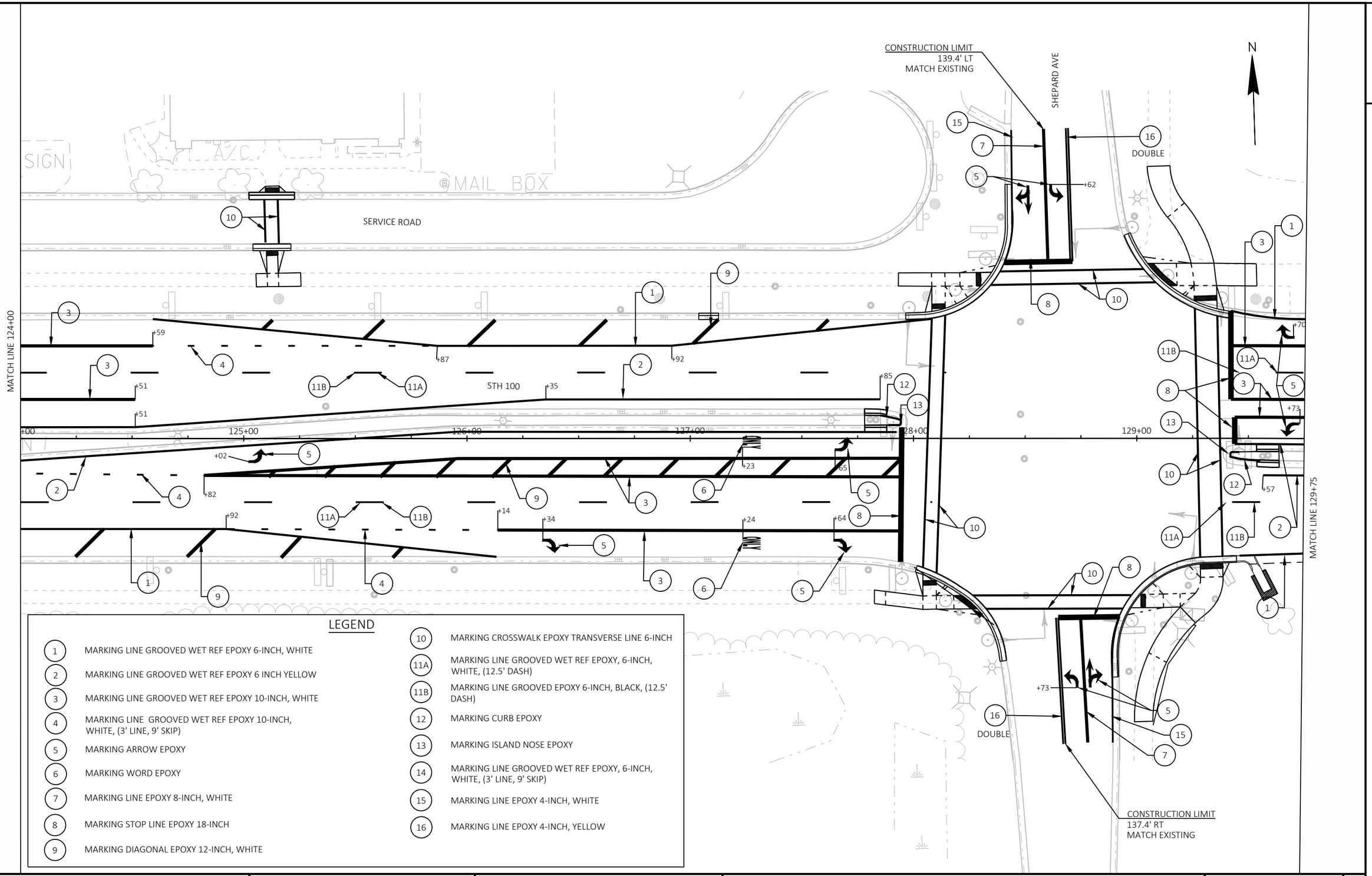
15	MARKING LINE EPOXY 4-INCH, WHITE
16	MARKING LINE EPOXY 4-INCH, YELLOW

PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 57	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS - 2040-23-00_STH 100_MILWAUKEE CO\500_CADD\501_C3D_2022\20402300\SHEETS\024501-PM.DWG
LAYOUT NAME - 04
PLOT DATE : 7/10/2026 10:26 AM
PLOT BY : JEFF KOMOROWSKI, PE
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2



LEGEND

1	MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE
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15	MARKING LINE EPOXY 4-INCH, WHITE
16	MARKING LINE EPOXY 4-INCH, YELLOW

PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 58	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS - 2040-23-00_STH 100_MILWAUKEE CO\500_CADD\501_C3D_2022\20402300\SHEETS\024501-PM.DWG
LAYOUT NAME - 05
PLOT DATE : 7/10/2026 10:27 AM
PLOT BY : JEFF KOMOROWSKI, PE
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

N

MATCH LINE 129+75

END PROJECT
STA 133+75
MATCH EXISTING

130+00 131+00 132+00 133+00 134+00

STH 100

END PROJECT
STA 131+00
MATCH EXISTING

LEGEND

1	MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE
2	MARKING LINE GROOVED WET REF EPOXY 6 INCH YELLOW
3	MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE
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9	MARKING DIAGONAL EPOXY 12-INCH, WHITE
10	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH
11A	MARKING LINE GROOVED WET REF EPOXY, 6-INCH, WHITE, (12.5' DASH)
11B	MARKING LINE GROOVED EPOXY 6-INCH, BLACK, (12.5' DASH)
12	MARKING CURB EPOXY
13	MARKING ISLAND NOSE EPOXY
14	MARKING LINE GROOVED WET REF EPOXY, 6-INCH, WHITE, (3' LINE, 9' SKIP)
15	MARKING LINE EPOXY 4-INCH, WHITE
16	MARKING LINE EPOXY 4-INCH, YELLOW

PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 59	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS - 2040-23-00_STH 100_MILWAUKEE CO\500_CADD\501_C3D_2022\20402300\SHEETS\024501-PM.DWG
LAYOUT NAME - 06
PLOT DATE : 7/10/2026 10:27 AM PLOT BY : JEFF KOMOROWSKI, PE PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

TRAFFIC CONTROL GENERAL NOTES

1. TRAFFIC CONTROL DRUMS IN TAPERS SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE "C", ONE WAY LIGHTS, UNLESS OTHERWISE SHOWN.

2. SIGN LOCATIONS ARE APPROXIMATE. THE ACTUAL LOCATION AND SPACING MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER TO MEET FIELD CONDITIONS.

3. DRIVEWAYS AND SIDE ROADS ARE TO NOT BE LOCATED IN TAPERS FOR TEMPORARY LANE CLOSURES AND LANE SHIFTS.

4. DETOUR PEDESTRIANS PRIOR TO REMOVING SIDEWALK IN ACCORDANCE WITH THE STANDARD DETAIL DRAWINGS AND CONSTRUCTION DETAILS.

5. SIGNS IN CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE COVERED.

6. "WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS REFLECTIVE ORANGE.

7. ALL TRAFFIC CONTROL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED IN THE PLANS.

8. A FLAGGER MAY BE REQUIRED WHERE THE CONSTRUCTION VEHICLES ENTER OR LEAVE "WORK/CLOSED" AREAS IF WARRANTED BY CONDITIONS AND/OR DIRECTED BY THE ENGINEER.

9. CONTRACTOR SHALL INSTALL PERMANENT PAVEMENT MARKING WHEN APPROPRIATE DURING CONSTRUCTION STAGING AS SHOWN IN THE PLANS OR AS DIRECTED BY THE ENGINEER.

10. ALL EXISTING CONFLICTING PAVEMENT MARKINGS SHALL BE REMOVED.

11. EXISTING PAVEMENT MARKINGS TO BE REMOVED THAT WILL NOT BE REPLACED IN THE SAME LOCATION AFTER CONSTRUCTION WILL BE REMOVED USING WATER BLASTING. DO NOT GRIND EXISTING PAVEMENT MARKINGS THAT WILL NOT BE REPLACED AFTER CONSTRUCTION.

12. BARRICADE STRIPES SHALL POINT DOWNWARD IN THE DIRECTION OF TRAFFIC FLOW.

13. THE CONTRACTOR SHALL ENSURE ADEQUATE DRAINAGE AND AVOID ANY PONDING OR STANDING WATER DURING THE STAGED CONSTRUCTION.

14. TEMPORARY MARKINGS SHALL BE TEMPORARY TAPE WHEN PLACED ON NEW OR EXISTING PAVEMENT SURFACES THAT ARE TO REMAIN IN PLACE FOLLOWING CONSTRUCTION.

TRAFFIC CONTROL NOTES

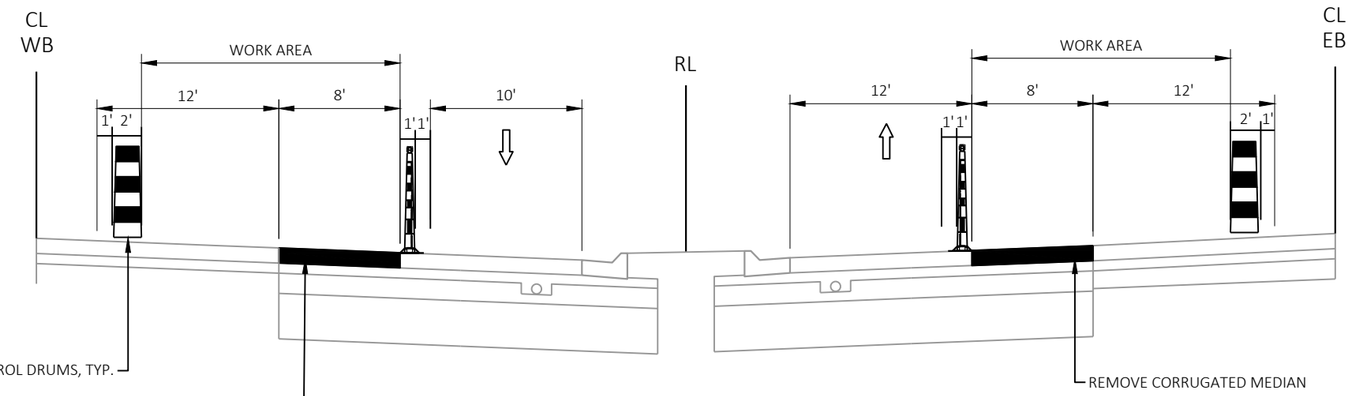
DETAILS FOR TRAFFIC CONTROL ITEMS AND LAYOUT DIMENSIONS SHALL BE PLACED IN ACCORDANCE WITH THE FOLLOWING SDDs:
- TRAFFIC CONTROL, LANE CLOSURE
- TRAFFIC CONTROL, SINGLE LANE CLOSURE DIVIDED NON-FREEWAY/EXPRESSWAY
- TRAFFIC CONTROL, INTERSECTION WITHIN SINGLE LANE CLOSURE
- TRAFFIC CONTROL, TWO-LANE CLOSURE, DIVIDED NON-FREEWAY/EXPRESSWAY
- TRAFFIC CONTROL, INTERSECTION WITHIN TWO-LANE CLOSURE
- TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
- TRAFFIC CONTROL, ADDED LANE CLOSURE WITHOUT LANE SHIFT

ALL SHORT TERM LANE CLOSURE SIGNS SHALL BE REMOVED OR COVERED AND ALL CONNECTED ARROWBOARDS AND DEVICES REMOVED BEYOND THE SHOULDER WHEN THE WORK IS NOT IN PROGRESS AND THE LANE IS RESTORED TO A SAFE OPERATING CONDITION.

FOR A LANE CLOSURE THAT IS IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS, THE ADVANCED WARNING SIGNS MAY BE MOUNTED ON PORTABLE SUPPORTS.

2

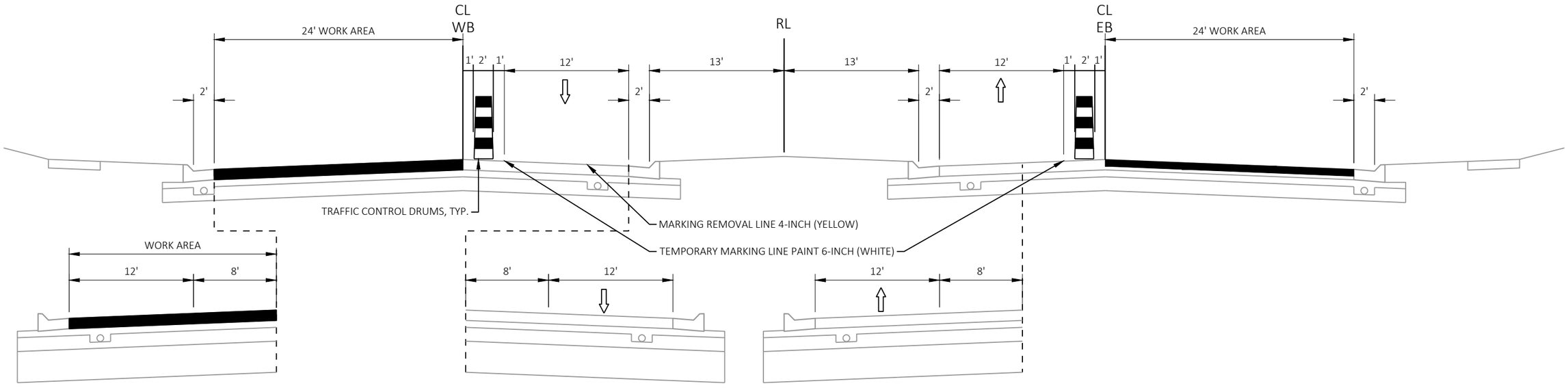
2



STAGE 1

STA 103+35 - 133+75

STA FOR REMOVING
CORRUGATED MEDIANS:
103+35 - 105+15 WB
125+33 - 127-96 EB
129+37 - 132+03 WB



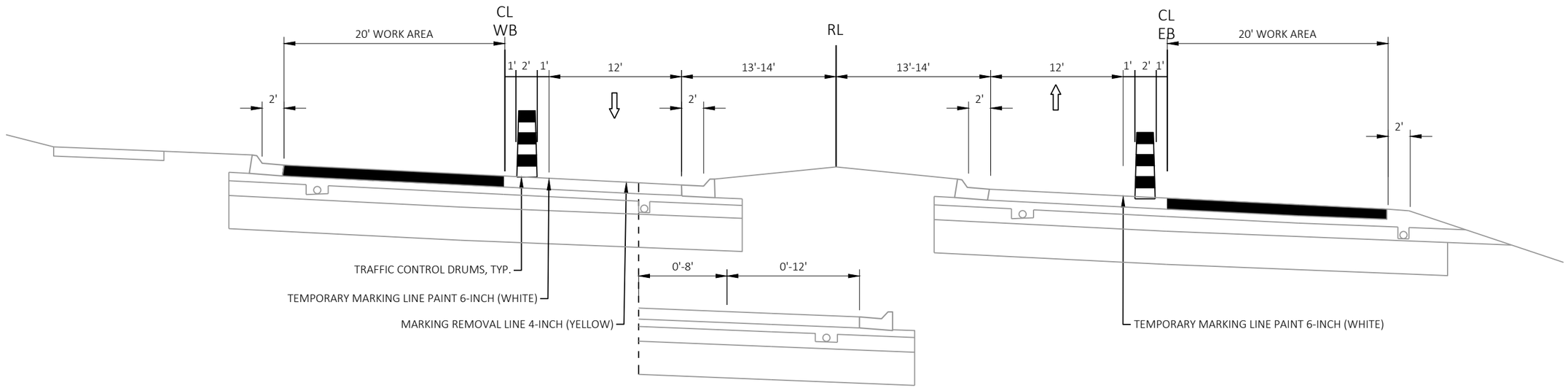
WB RIGHT TURN LANE
STA 103+35 - 106+83

WB LEFT TURN LANE
STA 103+35 - 106+96
STA 110+44 - 113+14
STA 123+04 - 125+71

EB LEFT TURN LANE
STA 106+95 - 109+63
STA 119+61 - 122+23
STA 123+48 - 127+95

STAGE 2

STA 103+35 - 128+50



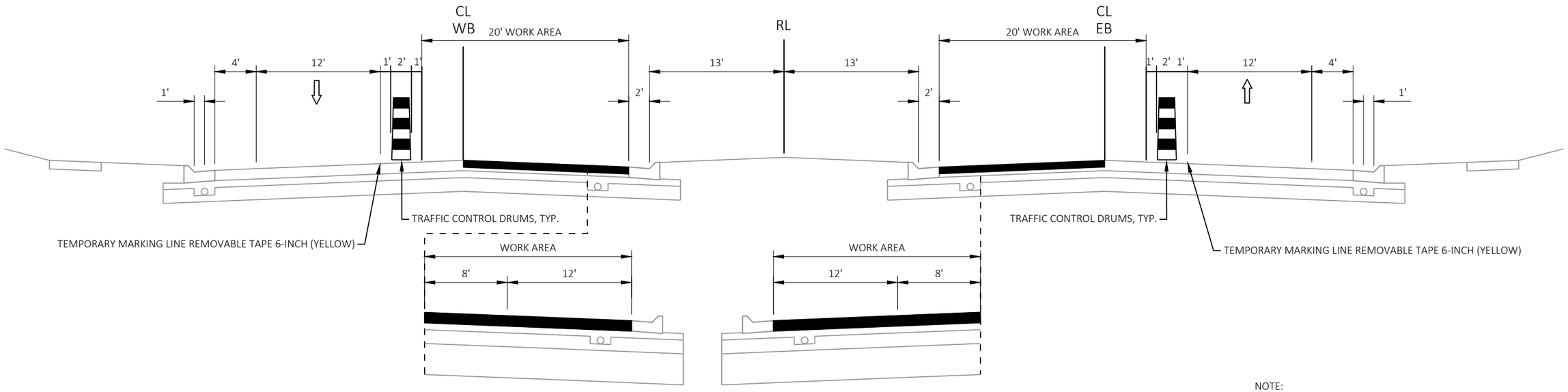
WB LEFT TURN LANE
STA 129+38 - 133+75

STAGE 2

STA 128+50 - 133+75

PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	TRAFFIC CONTROL TYPICAL SECTIONS	SHEET 62	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS - 2040-23-00_STH 100_MILWAUKEE CO\500_CADD\501_C3D_2022\20402300\SHEETS\026001-TCTS.DWG
LAYOUT NAME - 02
PLOT DATE : 1/16/2026 12:49 PM PLOT BY : JEFF KOMOROWSKI, PE PLOT NAME : PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42



WB LEFT TURN LANE
STA 103+35 - 106+96
STA 110+44 - 113+14
STA 123+04 - 125+71

EB LEFT TURN LANE
STA 106+95 - 109+63
STA 119+6 - 122+23
STA 123+48 - 127+95

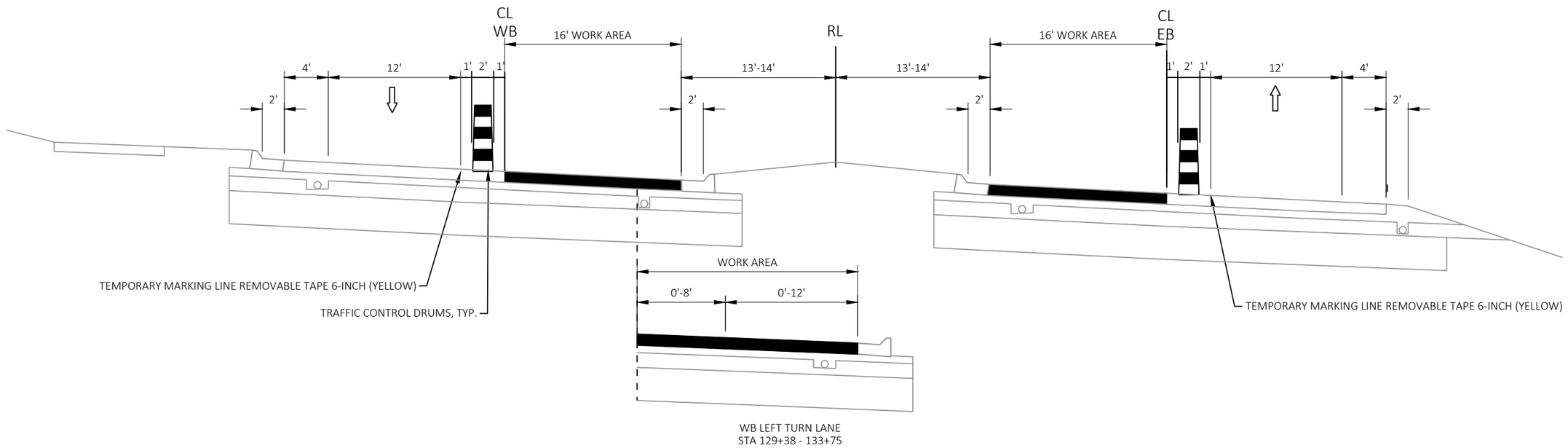
STAGE 3

STA 103+35 - 128+50

NOTE:
ALTERNATE CLOSING INTERSECTIONS FOR PAVING OPERATIONS.

STAGE 2A CLOSE STH 100 WB LT TURN LANE AT STH 38 AND MEDIAN OPENING AT E PARKWAY ESTATES DR.

STAGE 2B CLOSE MEDIAN OPENING AT STA 110+00 AND MEDIAN OPENING AT SHEPARD AVE



WB LEFT TURN LANE
STA 129+38 - 133+75

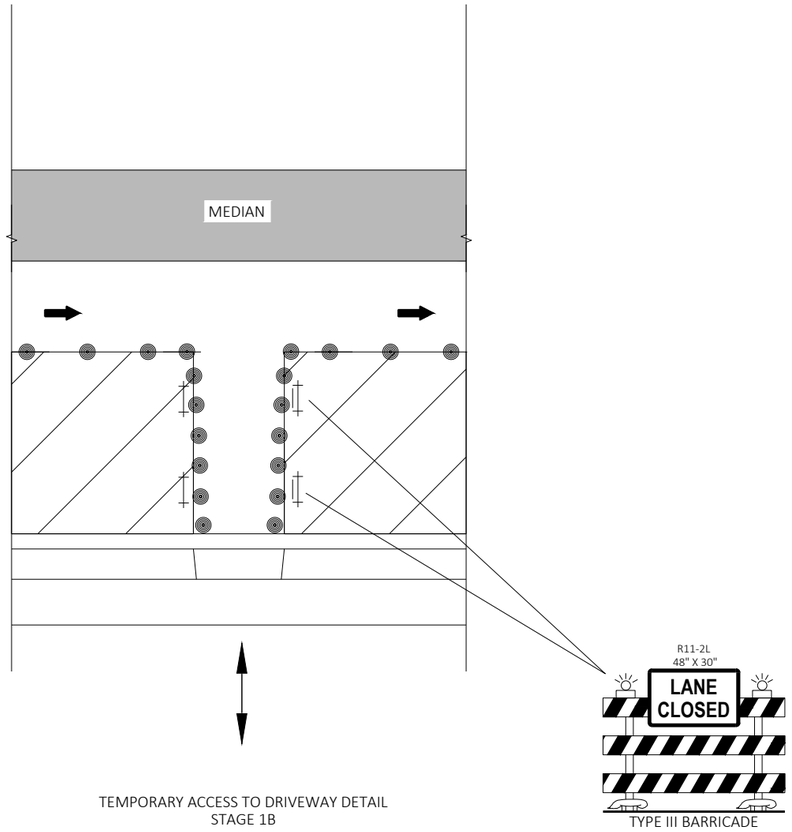
STAGE 3

STA 128+50 - 133+75

PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	TRAFFIC CONTROL TYPICAL SECTIONS	SHEET 63	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS - 2040-23-00_STH 100_MILWAUKEE CO\500_CADD\501_C3D_2022\20402300\SHEETS\026001-TCTS.DWG
LAYOUT NAME - 03
PLOT DATE : 1/16/2026 12:49 PM PLOT BY : JEFF KOMOROWSKI, PE PLOT NAME : PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

2



TEMPORARY ACCESS TO DRIVEWAY DETAIL
STAGE 1B

TYPE III BARRICADE

LOCATIONS

BEGIN PROJECT TO STA. 133+75 - 22 DRIVEWAYS

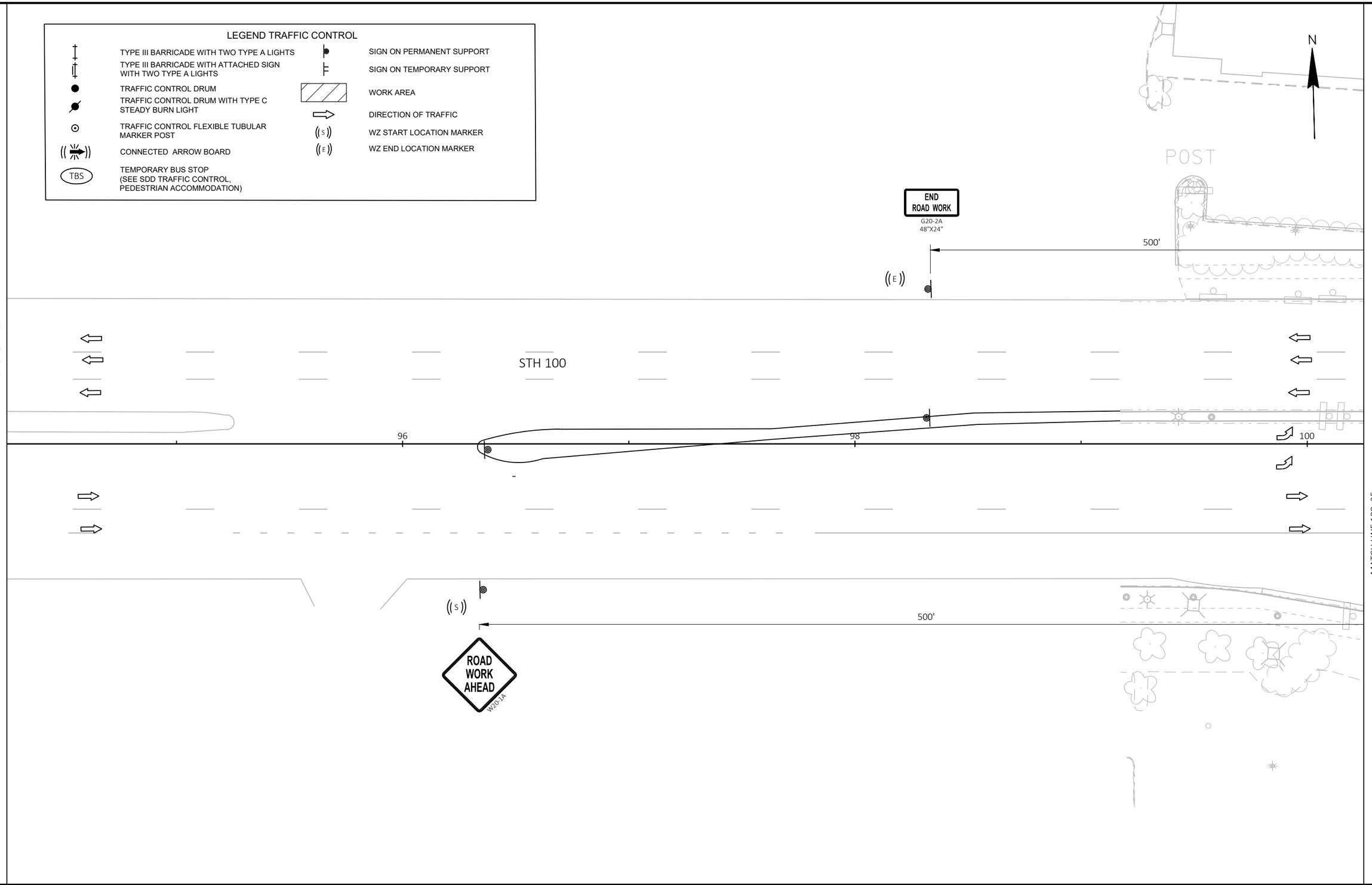
LEGEND

- TYPE III BARRICADE WITH/WITHOUT ATTACHED SIGN WITH TWO TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- WORK AREA
- DIRECTION OF TRAFFIC

PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	TRAFFIC CONTROL CONSTRUCTION DETAILS	SHEET 64	E

LEGEND TRAFFIC CONTROL

- TYPE III BARRICADE WITH TWO TYPE A LIGHTS
- TYPE III BARRICADE WITH ATTACHED SIGN WITH TWO TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POST
- CONNECTED ARROW BOARD
- TBS — TEMPORARY BUS STOP (SEE SDD TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION)
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- WORK AREA
- DIRECTION OF TRAFFIC
- WZ START LOCATION MARKER
- WZ END LOCATION MARKER



LEGEND TRAFFIC CONTROL

- TYPE III BARRICADE WITH TWO TYPE A LIGHTS
- TYPE III BARRICADE WITH ATTACHED SIGN WITH TWO TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POST
- CONNECTED ARROW BOARD
- TEMPORARY BUS STOP (SEE SDD TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION)
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- WORK AREA
- DIRECTION OF TRAFFIC
- WZ START LOCATION MARKER
- WZ END LOCATION MARKER

N

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

COORDINATE TRAFFIC CONTROL WITH STH 38 PROJECT 2060-20-70

500'

RIPRAP

STH 100

25' TYP.

15' TYP.

102 104 106

MATCH LINE 100+25

MATCH LINE 106+25

500'

LEFT LANE CLOSED AHEAD
W20-5SA

STH 38

FILLER CAP

CANOPY

PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 1	SHEET 66	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\2040-23-00_STH 100_MILWAUKEE CO\500_CADD\501_C3D_2022\20402300\SHEETS\026101-TCS1.DWG
LAYOUT NAME - 05

PLOT DATE : 7/28/2026 8:27 AM PLOT BY : JESSICA LEWIS, PE PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND TRAFFIC CONTROL

- TYPE III BARRICADE WITH TWO TYPE A LIGHTS
- TYPE III BARRICADE WITH ATTACHED SIGN WITH TWO TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POST
- CONNECTED ARROW BOARD
- TEMPORARY BUS STOP (SEE SDD TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION)
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- WORK AREA
- DIRECTION OF TRAFFIC
- WZ START LOCATION MARKER
- WZ END LOCATION MARKER

N

MATCH LINE 106+25

BEGIN LEFT TURN LANE
R3-20L
24"X36"

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

25' TYP.

STH 100

108

110

112

500'

892'

W04-2L

A/C

W

MATCH LINE 112+25

2

PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 1	SHEET 67	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\2040-23-00_STH 100_MILWAUKEE CO\500_CADD\501_C3D_2022\20402300\SHEETS\026101-TCS1.DWG
LAYOUT NAME - 06

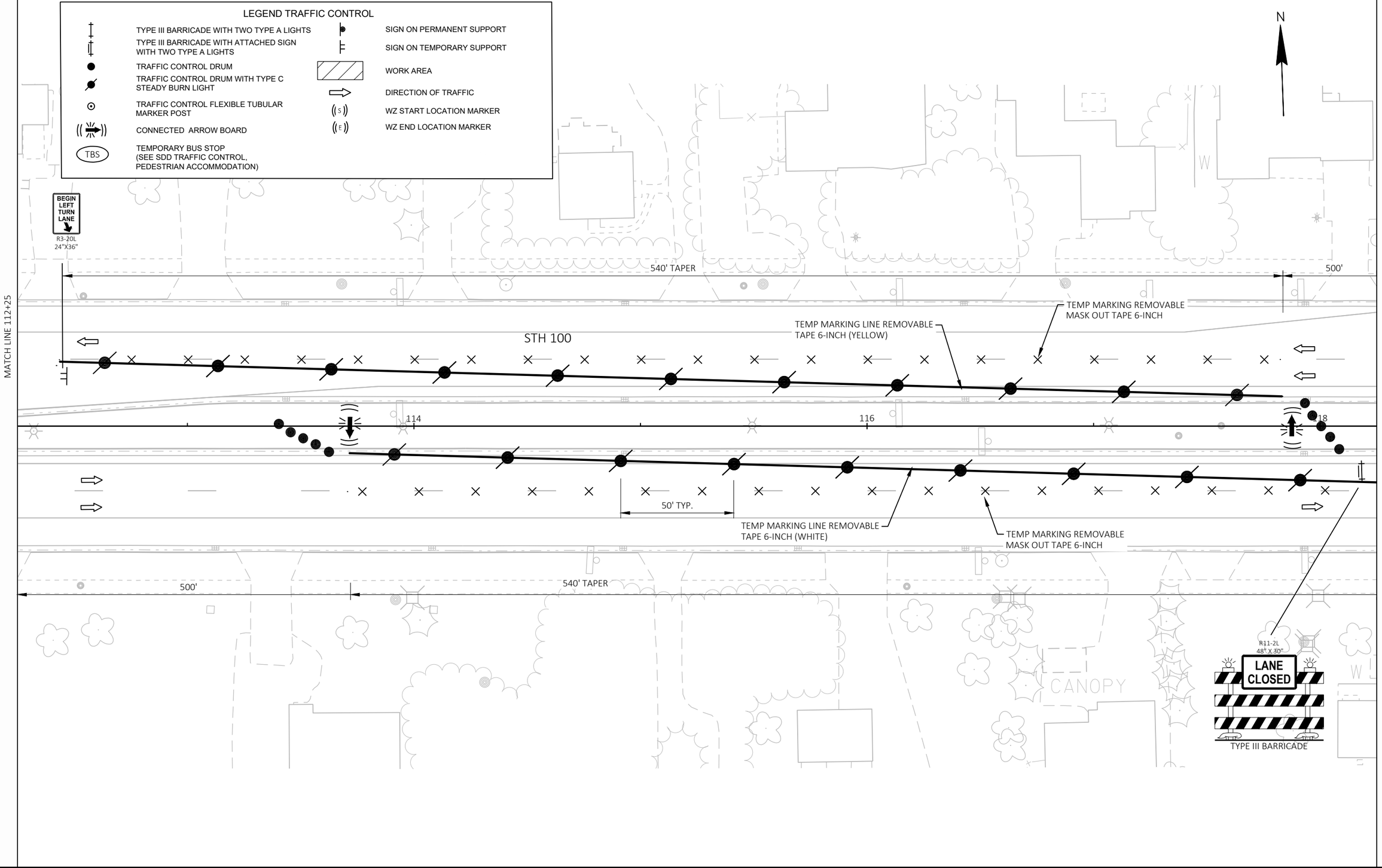
PLOT DATE : 7/28/2026 8:27 AM PLOT BY : JESSICA LEWIS, PE PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND TRAFFIC CONTROL

- TYPE III BARRICADE WITH TWO TYPE A LIGHTS
- TYPE III BARRICADE WITH ATTACHED SIGN WITH TWO TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POST
- CONNECTED ARROW BOARD
- TEMPORARY BUS STOP (SEE SDD TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION)
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- WORK AREA
- DIRECTION OF TRAFFIC
- WZ START LOCATION MARKER
- WZ END LOCATION MARKER

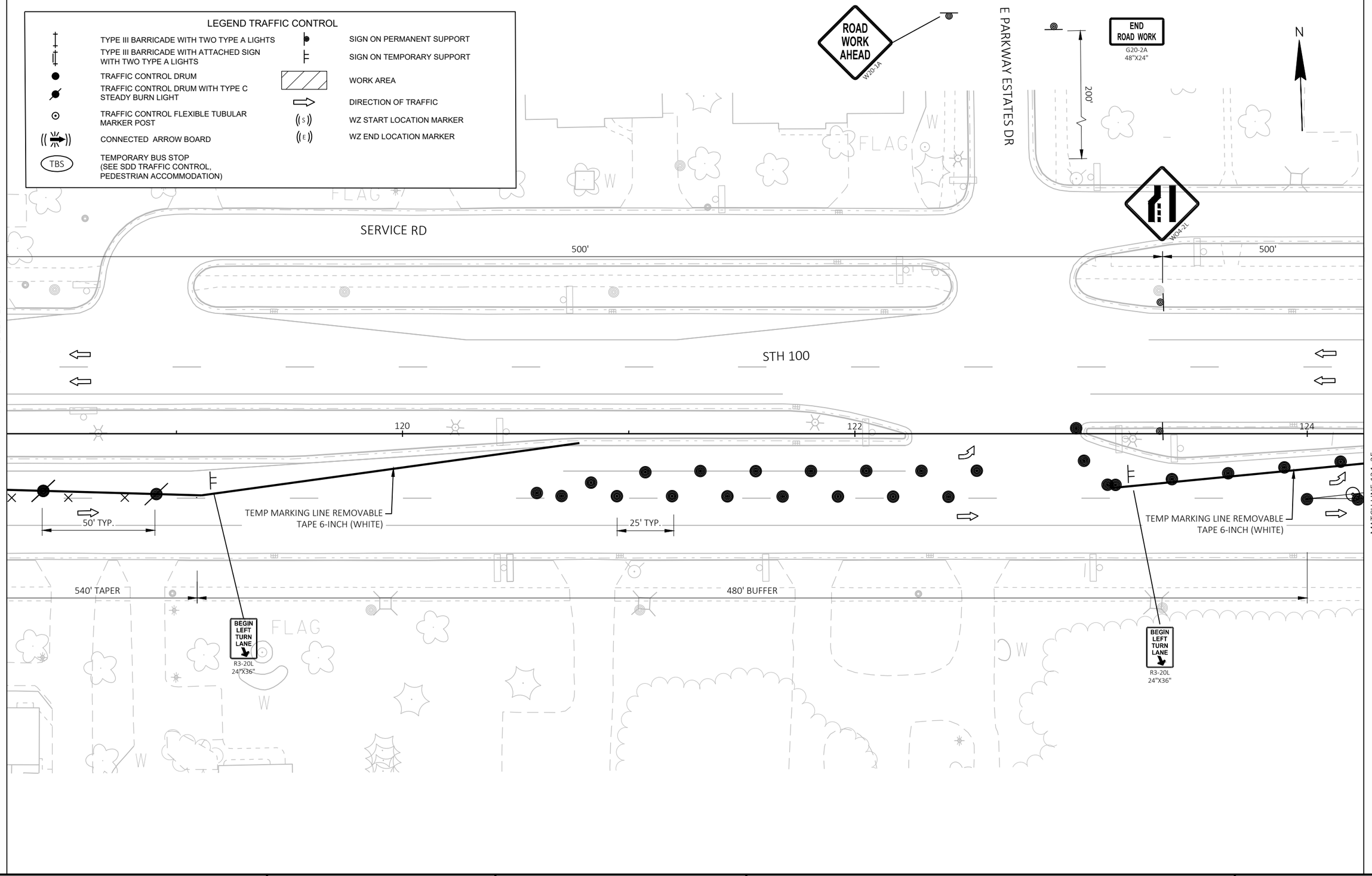


PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 1	SHEET 68	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\2040-23-00_STH 100_MILWAUKEE CO\500_CADD\501_C3D_2022\20402300\SHEETS\026101-TCS1.DWG
LAYOUT NAME - 07
PLOT DATE : 7/28/2026 8:27 AM
PLOT BY : JESSICA LEWIS, PE
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

LEGEND TRAFFIC CONTROL

- TYPE III BARRICADE WITH TWO TYPE A LIGHTS
- TYPE III BARRICADE WITH ATTACHED SIGN WITH TWO TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POST
- CONNECTED ARROW BOARD
- TEMPORARY BUS STOP (SEE SDD TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION) — TBS
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- WORK AREA
- DIRECTION OF TRAFFIC
- WZ START LOCATION MARKER
- WZ END LOCATION MARKER



PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 1	SHEET 69	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\2040-23-00_STH 100_MILWAUKEE CO\500_CADD\501_C3D_2022\20402300\SHEETS\026101-TCS1.DWG
LAYOUT NAME - 08

PLOT DATE : 7/28/2026 8:27 AM PLOT BY : JESSICA LEWIS, PE PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

ROAD WORK AHEAD
W20-1A

LEFT LANE CLOSED AHEAD
W20-5SA

SHEPARD AVE

ONLY

N

SERVICE RD

500'

MAIL BOX

A/C

MATCH LINE 124+25

STH 100

15' TYP.

126

128

130

25' TYP.

TEMP MARKING LINE REMOVABLE
TAPE 6-INCH (WHITE)

MATCH LINE 130+25

200'

ROAD WORK AHEAD
W20-1A

LEGEND TRAFFIC CONTROL

TYPE III BARRICADE WITH TWO TYPE A LIGHTS	SIGN ON PERMANENT SUPPORT
TYPE III BARRICADE WITH ATTACHED SIGN WITH TWO TYPE A LIGHTS	SIGN ON TEMPORARY SUPPORT
TRAFFIC CONTROL DRUM	WORK AREA
TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT	DIRECTION OF TRAFFIC
TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POST	WZ START LOCATION MARKER
CONNECTED ARROW BOARD	WZ END LOCATION MARKER
TBS — TEMPORARY BUS STOP (SEE SDD TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION)	

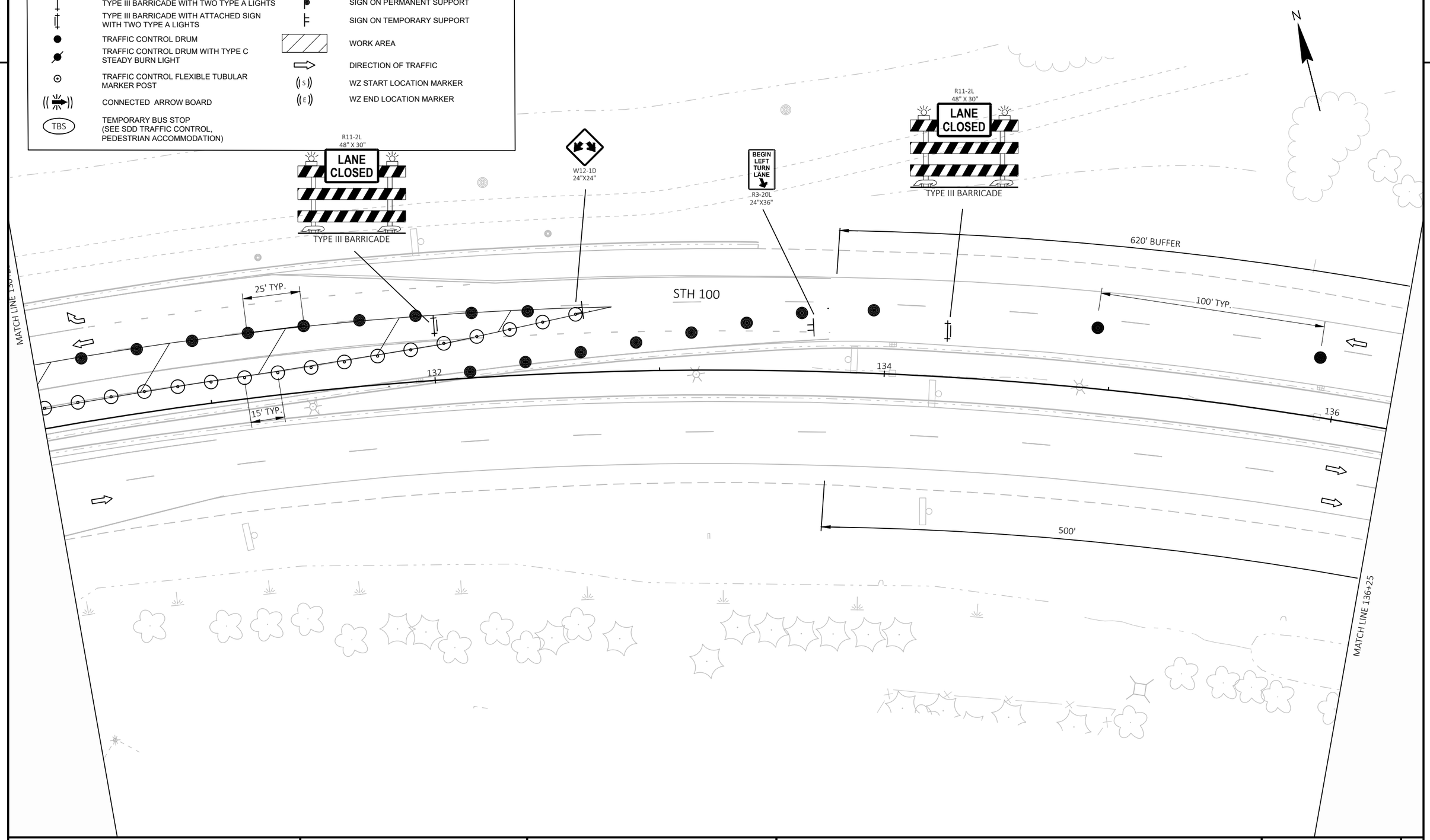
PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 1	SHEET 70	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\2040-23-00_STH 100_MILWAUKEE CO\500_CADD\501_C3D_2022\20402300\SHEETS\026101-TCS1.DWG
LAYOUT NAME - 09

PLOT DATE : 7/28/2026 8:27 AM PLOT BY : JESSICA LEWIS, PE PLOT NAME : PLOT SCALE : 1 IN:40 FT

LEGEND TRAFFIC CONTROL

- TYPE III BARRICADE WITH TWO TYPE A LIGHTS
- TYPE III BARRICADE WITH ATTACHED SIGN WITH TWO TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POST
- CONNECTED ARROW BOARD
- TEMPORARY BUS STOP (SEE SDD TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION)
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- WORK AREA
- DIRECTION OF TRAFFIC
- WZ START LOCATION MARKER
- WZ END LOCATION MARKER



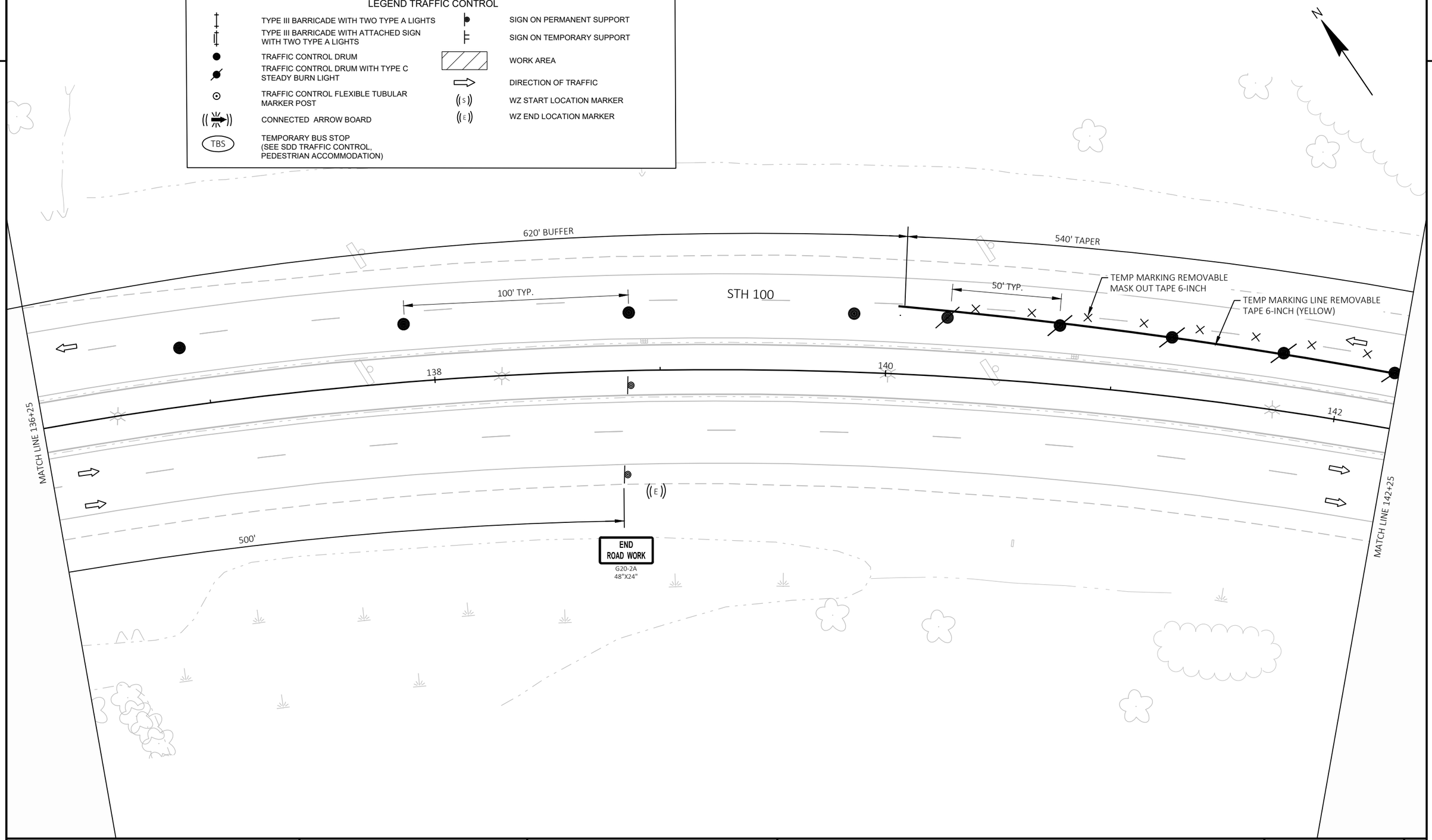
PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 1	SHEET 71	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\2040-23-00_STH 100_MILWAUKEE CO\500_CADD\501_C3D_2022\20402300\SHEETS\026101-TCS1.DWG
LAYOUT NAME - 10
PLOT DATE : 7/28/2026 8:27 AM
PLOT BY : JESSICA LEWIS, PE
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

LEGEND TRAFFIC CONTROL

TYPE III BARRICADE WITH TWO TYPE A LIGHTS	SIGN ON PERMANENT SUPPORT
TYPE III BARRICADE WITH ATTACHED SIGN WITH TWO TYPE A LIGHTS	SIGN ON TEMPORARY SUPPORT
TRAFFIC CONTROL DRUM	WORK AREA
TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT	DIRECTION OF TRAFFIC
TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POST	WZ START LOCATION MARKER
CONNECTED ARROW BOARD	WZ END LOCATION MARKER
TBS — TEMPORARY BUS STOP (SEE SDD TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION)	

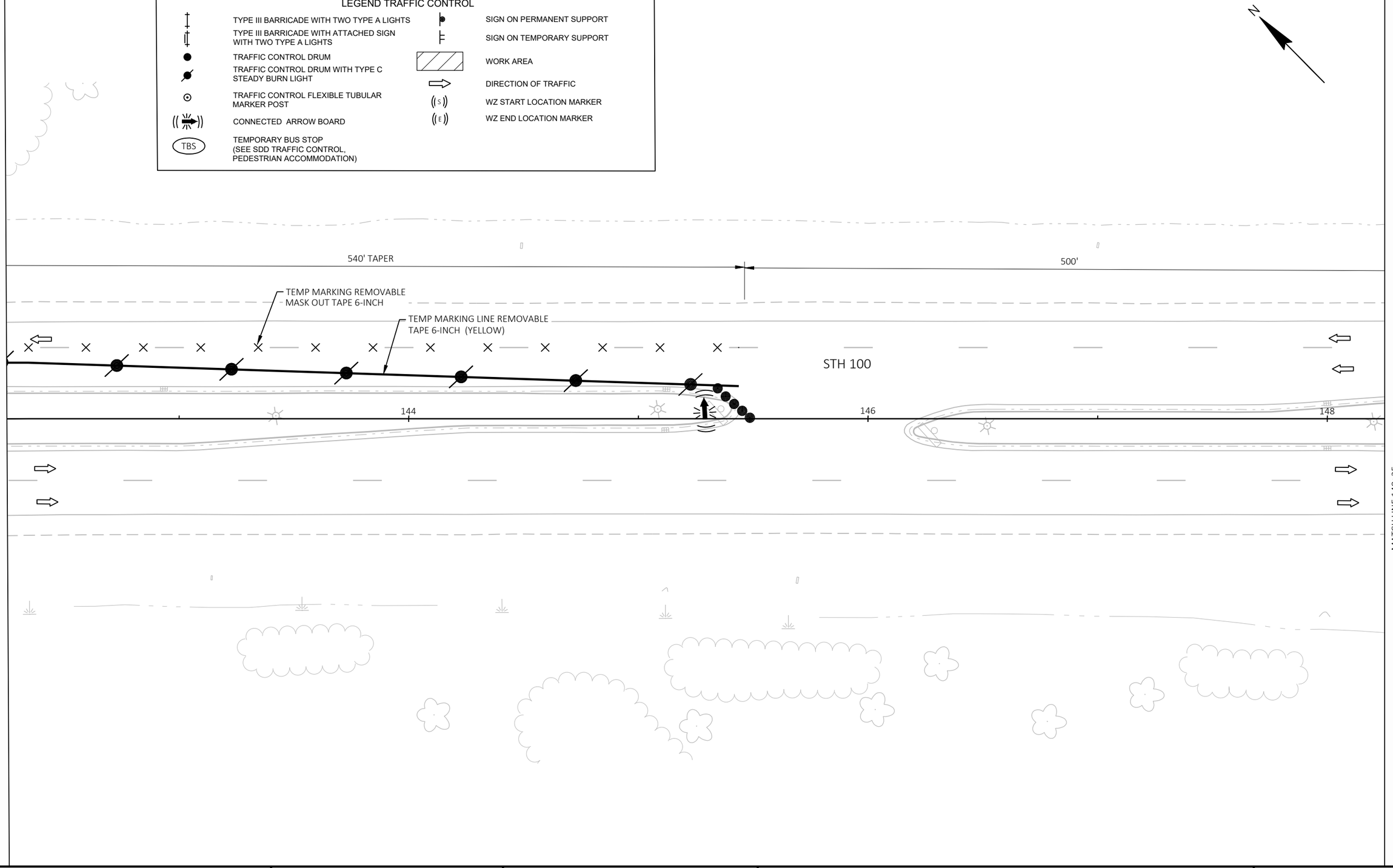


PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 1	SHEET 72 E

2

LEGEND TRAFFIC CONTROL

- TYPE III BARRICADE WITH TWO TYPE A LIGHTS
- TYPE III BARRICADE WITH ATTACHED SIGN WITH TWO TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POST
- CONNECTED ARROW BOARD
- TBS — TEMPORARY BUS STOP (SEE SDD TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION)
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- WORK AREA
- DIRECTION OF TRAFFIC
- WZ START LOCATION MARKER
- WZ END LOCATION MARKER

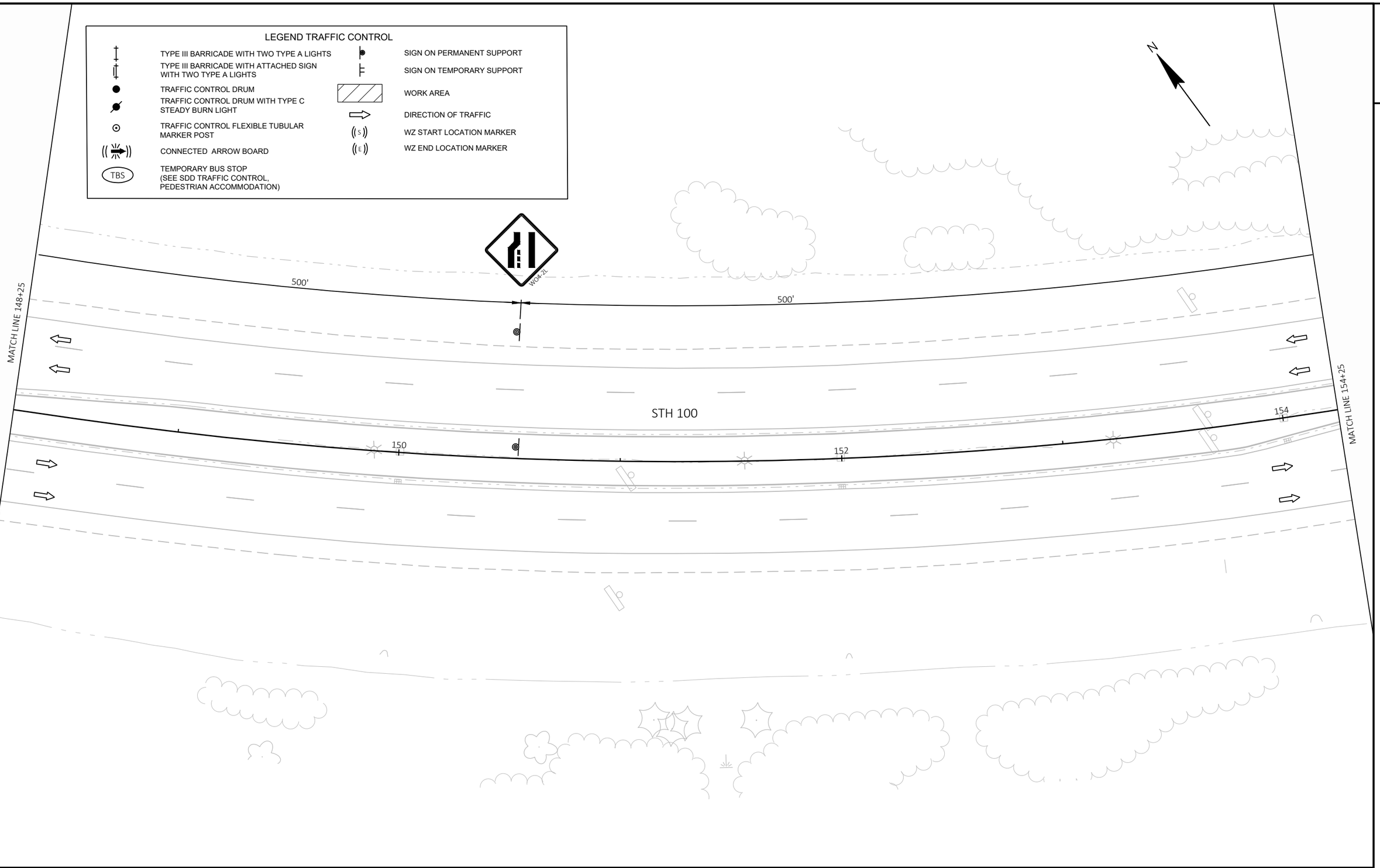


PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 1	SHEET 73	E

2

LEGEND TRAFFIC CONTROL

TYPE III BARRICADE WITH TWO TYPE A LIGHTS	SIGN ON PERMANENT SUPPORT
TYPE III BARRICADE WITH ATTACHED SIGN WITH TWO TYPE A LIGHTS	SIGN ON TEMPORARY SUPPORT
TRAFFIC CONTROL DRUM	WORK AREA
TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT	DIRECTION OF TRAFFIC
TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POST	WZ START LOCATION MARKER
CONNECTED ARROW BOARD	WZ END LOCATION MARKER
TBS — TEMPORARY BUS STOP (SEE SDD TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION)	

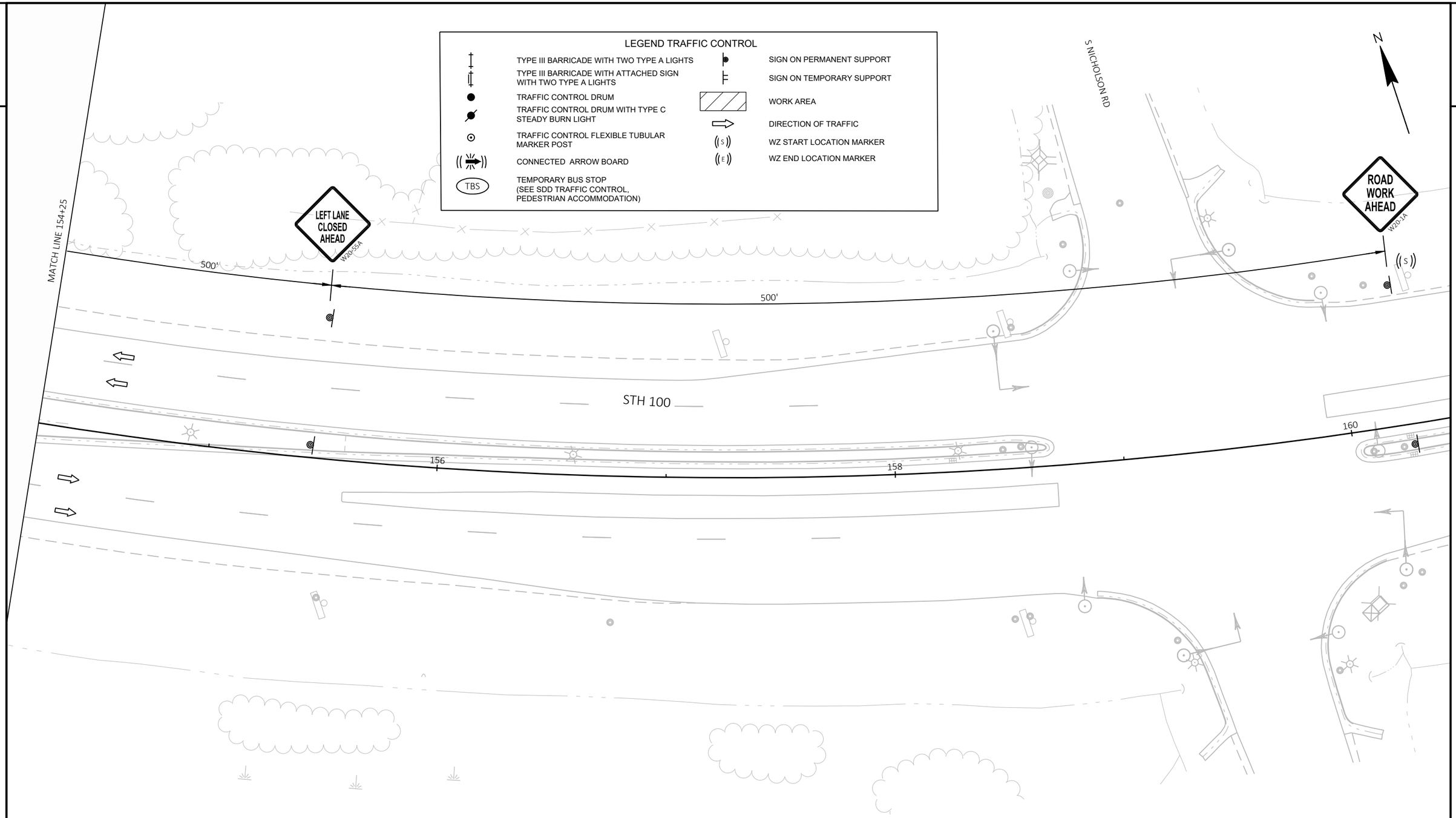


PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 1	SHEET 74	E

2

LEGEND TRAFFIC CONTROL

TYPE III BARRICADE WITH TWO TYPE A LIGHTS	SIGN ON PERMANENT SUPPORT
TYPE III BARRICADE WITH ATTACHED SIGN WITH TWO TYPE A LIGHTS	SIGN ON TEMPORARY SUPPORT
TRAFFIC CONTROL DRUM	WORK AREA
TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT	DIRECTION OF TRAFFIC
TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POST	WZ START LOCATION MARKER
CONNECTED ARROW BOARD	WZ END LOCATION MARKER
TBS — TEMPORARY BUS STOP (SEE SDD TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION)	



PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 1	SHEET 75	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\2040-23-00_STH 100_MILWAUKEE CO\500_CADD\501_C3D_2022\20402300\SHEETS\026101-TCS1.DWG
LAYOUT NAME - 14
PLOT DATE : 7/28/2026 8:27 AM
PLOT BY : JESSICA LEWIS, PE
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

LEGEND TRAFFIC CONTROL

- TYPE III BARRICADE WITH TWO TYPE A LIGHTS
- TYPE III BARRICADE WITH ATTACHED SIGN WITH TWO TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- CONNECTED ARROW BOARD
- TBS — TEMPORARY BUS STOP (SEE TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION SDD FOR CONSTRUCTION DETAILS)
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- WORK AREA
- DIRECTION OF TRAFFIC
- WZ START LOCATION MARKER
- WZ END LOCATION MARKER

LEGEND PEDESTRIAN ACCOMMODATIONS

- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY AUDIBLE MESSAGE DEVICE
- TEMPORARY PEDESTRIAN CURB RAMP
- TEMPORARY PEDESTRIAN SURFACE MATTING
- 1 — TEMPORARY MARKING LINE 6-INCH

N

STH 100

78 80 82

TEMP MARKING REMOVABLE MASK OUT TAPE 6-INCH

TEMP PAVT MARKING 6-INCH (WHITE)

50' TYP.

MATCH LINE 82+25

500' 500' 500' 540' TAPER

ROAD WORK AHEAD W20-1A

RIGHT TWO LANES CLOSED AHEAD W20-5RA

W04-2R

LEGEND TRAFFIC CONTROL

- TYPE III BARRICADE WITH TWO TYPE A LIGHTS
- TYPE III BARRICADE WITH ATTACHED SIGN WITH TWO TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- CONNECTED ARROW BOARD
- TBS — TEMPORARY BUS STOP (SEE TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION SDD FOR CONSTRUCTION DETAILS)
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- WORK AREA
- DIRECTION OF TRAFFIC
- WZ START LOCATION MARKER
- WZ END LOCATION MARKER

LEGEND PEDESTRIAN ACCOMMODATIONS

- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY AUDIBLE MESSAGE DEVICE
- TEMPORARY PEDESTRIAN CURB RAMP
- TEMPORARY PEDESTRIAN SURFACE MATTING
- 1 — TEMPORARY MARKING LINE 6-INCH

N

MATCH LINE 82+25

STH 100

84 86 88

TEMP MARKING REMOVABLE MASK OUT TAPE 6-INCH

50' TYP.

TEMP PAVT MARKING 6-INCH (WHITE)

MATCH LINE 88+25

540' TAPER

1080'

R11-2L 48" X 30" LANE CLOSED

TYPE III BARRICADE

EAGLE SUMMIT RD

W04-2R

2

PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 2	SHEET 77	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\2040-23-00_STH 100_MILWAUKEE CO\500_CADD\501_C3D_2022\20402300\SHEETS\026201-TCS2.DWG
LAYOUT NAME - 02
PLOT DATE : 7/28/2026 8:34 AM PLOT BY : JESSICA LEWIS, PE PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

2

LEGEND TRAFFIC CONTROL

- TYPE III BARRICADE WITH TWO TYPE A LIGHTS
- TYPE III BARRICADE WITH ATTACHED SIGN WITH TWO TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- CONNECTED ARROW BOARD
- TBS — TEMPORARY BUS STOP (SEE TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION SDD FOR CONSTRUCTION DETAILS)
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- WORK AREA
- DIRECTION OF TRAFFIC
- WZ START LOCATION MARKER
- WZ END LOCATION MARKER

LEGEND PEDESTRIAN ACCOMMODATIONS

- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY AUDIBLE MESSAGE DEVICE
- TEMPORARY PEDESTRIAN CURB RAMP
- TEMPORARY PEDESTRIAN SURFACE MATTING
- 1 — TEMPORARY MARKING LINE 6-INCH

N

MATCH LINE 88+25

STH 100

90

92

94

50' TYP.

TEMP MARKING REMOVABLE
MASK OUT TAPE 6-INCH

TEMP MARKING LINE REMOVABLE
TAPE 6-INCH (WHITE)

1080'

540' TAPER

MATCH LINE 94+25

PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 2	SHEET 78	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\2040-23-00_STH 100_MILWAUKEE CO\500_CADD\501_C3D_2022\20402300\SHEETS\026201-TCS2.DWG
LAYOUT NAME - 03

PLOT DATE : 7/28/2026 8:35 AM PLOT BY : JESSICA LEWIS, PE PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND TRAFFIC CONTROL

- TYPE III BARRICADE WITH TWO TYPE A LIGHTS
- TYPE III BARRICADE WITH ATTACHED SIGN WITH TWO TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- CONNECTED ARROW BOARD
- TBS — TEMPORARY BUS STOP (SEE TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION SDD FOR CONSTRUCTION DETAILS)
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- WORK AREA
- DIRECTION OF TRAFFIC
- WZ START LOCATION MARKER
- WZ END LOCATION MARKER

LEGEND PEDESTRIAN ACCOMMODATIONS

- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY AUDIBLE MESSAGE DEVICE
- TEMPORARY PEDESTRIAN CURB RAMP
- TEMPORARY PEDESTRIAN SURFACE MATTING
- 1 — TEMPORARY MARKING LINE 6-INCH

N

POST

END ROAD WORK
G20-2A
48"X24"

500'

MATCH LINE 94+25

STH 100

96 98 100

TEMP MARKING REMOVABLE MASK OUT TAPE 6-INCH

50' TYP.

TEMP MARKING REMOVABLE MASK OUT TAPE 6-INCH

25' TYP.

TEMP MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)

540' TAPER

360' BUFFER

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

BEGIN RIGHT TURN LANE
R3-20RR
24"X36"

MATCH LINE 100+25

2

PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 2	SHEET 79	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\2040-23-00_STH 100_MILWAUKEE CO\500_CADD\501_C3D_2022\20402300\SHEETS\026201-TCS2.DWG
LAYOUT NAME - 04
PLOT DATE : 7/28/2026 8:35 AM PLOT BY : JESSICA LEWIS, PE PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

LEGEND TRAFFIC CONTROL

- TYPE III BARRICADE WITH TWO TYPE A LIGHTS
- TYPE III BARRICADE WITH ATTACHED SIGN WITH TWO TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- CONNECTED ARROW BOARD
- TBS — TEMPORARY BUS STOP (SEE TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION SDD FOR CONSTRUCTION DETAILS)
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- WORK AREA
- DIRECTION OF TRAFFIC
- WZ START LOCATION MARKER
- WZ END LOCATION MARKER

N

COORDINATE TRAFFIC CONTROL WITH STH 38 PROJECT 2060-20-70

500'

25' TYP.

STH 100

MATCH LINE 100+25

102

104

106

25' TYP.

15' TYP.

100' TYP.

TBS

MATCH LINE 106+25

220' BUFFER

STH 38

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

SIGN

SIGN

SIGN

SIGN

RIPRAP

FILLER CAP

CANOPY

PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 2	SHEET 80	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\2040-23-00_STH 100_MILWAUKEE CO\500_CADD\501_C3D_2022\20402300\SHEETS\026201-TCS2.DWG
LAYOUT NAME - 05

PLOT DATE : 7/28/2026 8:35 AM PLOT BY : JESSICA LEWIS, PE PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND TRAFFIC CONTROL

- TYPE III BARRICADE WITH TWO TYPE A LIGHTS
- TYPE III BARRICADE WITH ATTACHED SIGN WITH TWO TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- CONNECTED ARROW BOARD
- TBS — TEMPORARY BUS STOP (SEE TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION SDD FOR CONSTRUCTION DETAILS)
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- WORK AREA
- DIRECTION OF TRAFFIC
- WZ START LOCATION MARKER
- WZ END LOCATION MARKER

N

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

R3-4
24"X24"

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

MATCH LINE 106+25

SIGN
SIGN
SIGN
SIGN
SIGN
SIGN
A/C
W

STH 100

108
110
112

100' TYP.

MATCH LINE 112+25

2

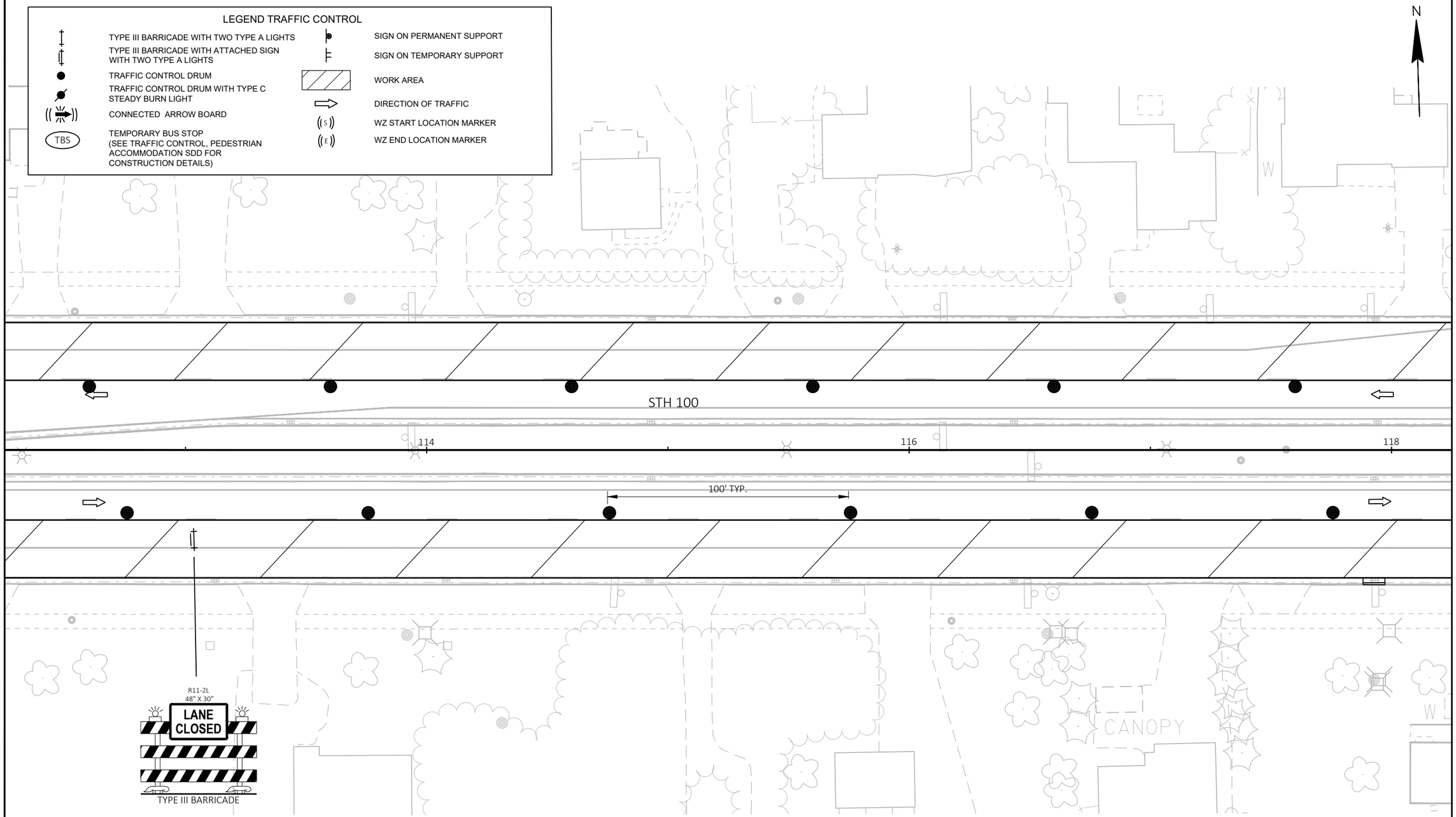
PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 2	SHEET 81	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\2040-23-00_STH 100_MILWAUKEE CO\500_CADD\501_C3D_2022\20402300\SHEETS\026201-TCS2.DWG
LAYOUT NAME - 06
PLOT DATE : 7/28/2026 8:35 AM
PLOT BY : JESSICA LEWIS, PE
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

LEGEND TRAFFIC CONTROL

- TYPE III BARRICADE WITH TWO TYPE A LIGHTS
- TYPE III BARRICADE WITH ATTACHED SIGN WITH TWO TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- CONNECTED ARROW BOARD
- TBS — TEMPORARY BUS STOP (SEE TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION SDD FOR CONSTRUCTION DETAILS)
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- WORK AREA
- DIRECTION OF TRAFFIC
- WZ START LOCATION MARKER
- WZ END LOCATION MARKER



PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 2	SHEET 82	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\2040-23-00_STH 100_MILWAUKEE CO\500_CADD\501_C3D_2022\20402300\SHEETS\026201-TCS2.DWG
LAYOUT NAME - 07
PLOT DATE : 7/28/2026 8:35 AM
PLOT BY : JESSICA LEWIS, PE
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

MESSAGE: "ATTENTION EASTBOUND RYAN ROAD PEDESTRIANS. SIDEWALK CONSTRUCTION AHEAD. TEMPORARY FENCED PATH IN STREET IS OPEN. REJOINS ORIGINAL SIDEWALK AFTER 165 FEET."

MESSAGE: "ATTENTION EASTBOUND AND WESTBOUND RYAN ROAD PEDESTRIANS. SIDEWALK CONSTRUCTION AHEAD. TEMPORARY FENCED PATH IN STREET IS OPEN. REJOINS ORIGINAL SIDEWALK AFTER 45 FEET."

ROAD WORK AHEAD
W20-1A

E PARKWAY ESTATES DR

END ROAD WORK
G20-2A
48"X24"

N

R11-2
48" X 30"
ROAD CLOSED
TYPE III BARRICADE

M4-60R
30"X24"

MESSAGE: "ATTENTION EASTBOUND RYAN ROAD PEDESTRIANS. SIDEWALK CONSTRUCTION AHEAD. TEMPORARY FENCED PATH IN STREET IS OPEN. REJOINS ORIGINAL SIDEWALK AFTER 165 FEET."

M4-60L
30"X24"

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

ROAD CLOSED AHEAD
W20-3A

M4-60L
30"X24"

SERVICE RD

STH 100

BEGIN RIGHT TURN LANE
R3-20R
24"X36"

NO PARKING ANY TIME
R7-1D
18"X24"

M4-60L
30"X24"

M4-60L
30"X24"

MATCH LINE 118+25

MESSAGE: "ATTENTION EASTBOUND RYAN ROAD AND NORTHBOUND EAST PARKWAY ESTATES DRIVE PEDESTRIANS. SIDEWALK CONSTRUCTION AHEAD. TEMPORARY FENCED PATH IN STREET IS OPEN. REJOINS ORIGINAL SIDEWALK AFTER 110 FEET."

120 122 124

100' TYP.

MESSAGE: "ATTENTION EASTBOUND RYAN ROAD PEDESTRIANS, CONTINUE NORTHEAST FOR 265 FEET. TEMPORARY FENCED PATH IN STREET IS OPEN. ATTENTION WESTBOUND RYAN ROAD PEDESTRIANS, CONTINUE WEST FOR 110 FEET. TEMPORARY FENCED PATH IN STREET IS OPEN."

MATCH LINE 124+25

M4-60L
30"X24"

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

M4-60R
30"X24"

MESSAGE: "ATTENTION EASTBOUND RYAN ROAD PEDESTRIANS. SIDEWALK CONSTRUCTION AHEAD. TEMPORARY FENCED PATH IN STREET IS OPEN. REJOINS ORIGINAL SIDEWALK AFTER 64 FEET."

MESSAGE: "ATTENTION WESTBOUND RYAN ROAD PEDESTRIANS. SIDEWALK CONSTRUCTION AHEAD. TEMPORARY FENCED PATH IN STREET IS OPEN. REJOINS ORIGINAL SIDEWALK AFTER 64 FEET."

NOTE:
ALL RAMPS AT THE INTERSECTION OF SERVICE AVE. AND E. PARKWAY ESTATES NOT TO BE CONSTRUCTED CONCURRENTLY

LEGEND TRAFFIC CONTROL

- TYPE III BARRICADE WITH TWO TYPE A LIGHTS
- TYPE III BARRICADE WITH ATTACHED SIGN WITH TWO TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- CONNECTED ARROW BOARD
- TBS — TEMPORARY BUS STOP (SEE TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION SDD FOR CONSTRUCTION DETAILS)
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- WORK AREA
- DIRECTION OF TRAFFIC
- WZ START LOCATION MARKER
- WZ END LOCATION MARKER

LEGEND PEDESTRIAN ACCOMMODATIONS

- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY AUDIBLE MESSAGE DEVICE
- TEMPORARY PEDESTRIAN CURB RAMP
- TEMPORARY PEDESTRIAN SURFACE MATTING
- 1 — TEMPORARY MARKING LINE 6-INCH

PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 2 - PEDESTRIAN ACCOMMODATIONS STAGE 1	SHEET 83	E

2

LEGEND TRAFFIC CONTROL

- TYPE III BARRICADE WITH TWO TYPE A LIGHTS
- TYPE III BARRICADE WITH ATTACHED SIGN WITH TWO TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- CONNECTED ARROW BOARD
- TBS — TEMPORARY BUS STOP (SEE TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION SDD FOR CONSTRUCTION DETAILS)
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- WORK AREA
- DIRECTION OF TRAFFIC
- WZ START LOCATION MARKER
- WZ END LOCATION MARKER

N

MATCH LINE 124+25

M4-60L 30"X24"

MESSAGE: "ATTENTION EASTBOUND AND WESTBOUND RYAN ROAD PEDESTRIANS. SIDEWALK CONSTRUCTION AHEAD. TEMPORARY FENCED PATH IN STREET IS OPEN.REJOINS ORIGINAL SIDEWALK AFTER 45 FEET AND 255 FEET."

NO PARKING HERE TO CORNER R7-51L 18"X24"

SERVICE RD

MESSAGE: "ATTENTION WESTBOUND RYAN ROAD PEDESTRIANS AND CROSS STREET BUSINESS CUSTOMER. SIDEWALK CONSTRUCTION AHEAD. TEMPORARY FENCED PATH IN STREET IS OPEN. REJOINS ORIGINAL SIDEWALK AFTER 265 FEET AND 45 FEET."

M4-60R 30"X24"

STH 100

25' TYP.

126 128 130

100' TYP.

25' TYP.

MESSAGE: "ATTENTION EASTBOUND RYAN ROAD AND NORTHBOUND AND SOUTHBOUND SHEPARD AVENUE PEDESTRIANS. SIDEWALK CONSTRUCTION AHEAD. TEMPORARY FENCED PATH IN STREET IS OPEN. REJOINS ORIGINAL SIDEWALK AFTER 345 FEET, 335 FEET, AND 180 FEET."

MATCHLINE

25' TYP.

200'

ROAD WORK AHEAD W20-1A

END ROAD WORK G20-2A 48"X24"

COVER SIGN IN STAGE 2

ONLY

R11-2L 48" X 30"

LANE CLOSED

TYPE III BARRICADE

MESSAGE: "ATTENTION NORTHBOUND AND SOUTHBOUND SHEPARD AVENUE AND EASTBOUND RYAN ROAD PEDESTRIANS. SIDEWALK CONSTRUCTION AHEAD. TEMPORARY FENCED PATH IN STREET IS OPEN. REJOINS ORIGINAL SIDEWALK AFTER 220 FEET, 300 FEET, AND 425 FEET."

BEGIN RIGHT TURN LANE R3-20R 24"X36"

MARKING REMOVAL SPECIAL MARKING (ARROW)

MARKING REMOVAL SPECIAL MARKING (WORDS)

SHEPARD AVE

MESSAGE: "ATTENTION EASTBOUND AND WESTBOUND RYAN ROAD AND SOUTHBOUND SHEPARD AVENUE PEDESTRIANS. SIDEWALK CONSTRUCTION AHEAD. TEMPORARY FENCED PATH IN STREET IS OPEN. REJOINS ORIGINAL SIDEWALK AFTER 550 FEET, 220 FEET, AND 415 FEET."

MESSAGE: "ATTENTION WESTBOUND RYAN ROAD AND NORTHBOUND AND SOUTHBOUND SHEPARD AVENUE PEDESTRIANS. SIDEWALK CONSTRUCTION AHEAD. TEMPORARY FENCED PATH IN STREET IS OPEN. REJOINS ORIGINAL SIDEWALK AFTER 335 FEET, 545 FEET, AND 265 FEET."

M4-60L 30"X24"

M4-60R 30"X24"

25' TYP.

15' TYP.

25' TYP.

MESSAGE: "ATTENTION EASTBOUND AND WESTBOUND RYAN ROAD AND NORTHBOUND SHEPARD AVENUE PEDESTRIANS. SIDEWALK CONSTRUCTION AHEAD. TEMPORARY FENCED PATH IN STREET IS OPEN. REJOINS ORIGINAL SIDEWALK AFTER 255 FEET, 195 FEET, AND 430 FEET."

MATCHLINE

MATCH LINE 130+25

R11-2L 48" X 30"

LANE CLOSED

TYPE III BARRICADE

LEGEND PEDESTRIAN ACCOMMODATIONS

- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY AUDIBLE MESSAGE DEVICE
- TEMPORARY PEDESTRIAN CURB RAMP
- TEMPORARY PEDESTRIAN SURFACE MATTING
- 1 — TEMPORARY MARKING LINE 6-INCH

PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 2 - PEDESTRIAN ACCOMMODATIONS STAGE 1	SHEET 84 E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\2040-23-00_STH 100_MILWAUKEE CO\500_CADD\501_C3D_2022\20402300\SHEETS\026201-TCS2.DWG
LAYOUT NAME - 09

PLOT DATE : 7/28/2026 8:35 AM PLOT BY : JESSICA LEWIS, PE PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

N

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

700' BUFFER

SIGN

MATCH LINE 130+

STH 100

132

134

136

100' TYP.

500'

MATCH LINE 136+25

LEGEND TRAFFIC CONTROL

	TYPE III BARRICADE WITH TWO TYPE A LIGHTS		SIGN ON PERMANENT SUPPORT
	TYPE III BARRICADE WITH ATTACHED SIGN WITH TWO TYPE A LIGHTS		SIGN ON TEMPORARY SUPPORT
	TRAFFIC CONTROL DRUM		WORK AREA
	TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT		DIRECTION OF TRAFFIC
	CONNECTED ARROW BOARD	S	WZ START LOCATION MARKER
TBS	TEMPORARY BUS STOP (SEE TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION SDD FOR CONSTRUCTION DETAILS)	E	WZ END LOCATION MARKER

PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 2	SHEET 85	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\2040-23-00_STH 100_MILWAUKEE CO\500_CADD\501_C3D_2022\20402300\SHEETS\026201-TCS2.DWG
LAYOUT NAME - 10

PLOT DATE : 7/28/2026 8:35 AM PLOT BY : JESSICA LEWIS, PE PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

700' BUFFER

100' TYP.

STH 100

138

140

142

MATCH LINE 136+25

MATCH LINE 142+25

500'

(E)

END
ROAD WORK
G20-2A
48"X24"

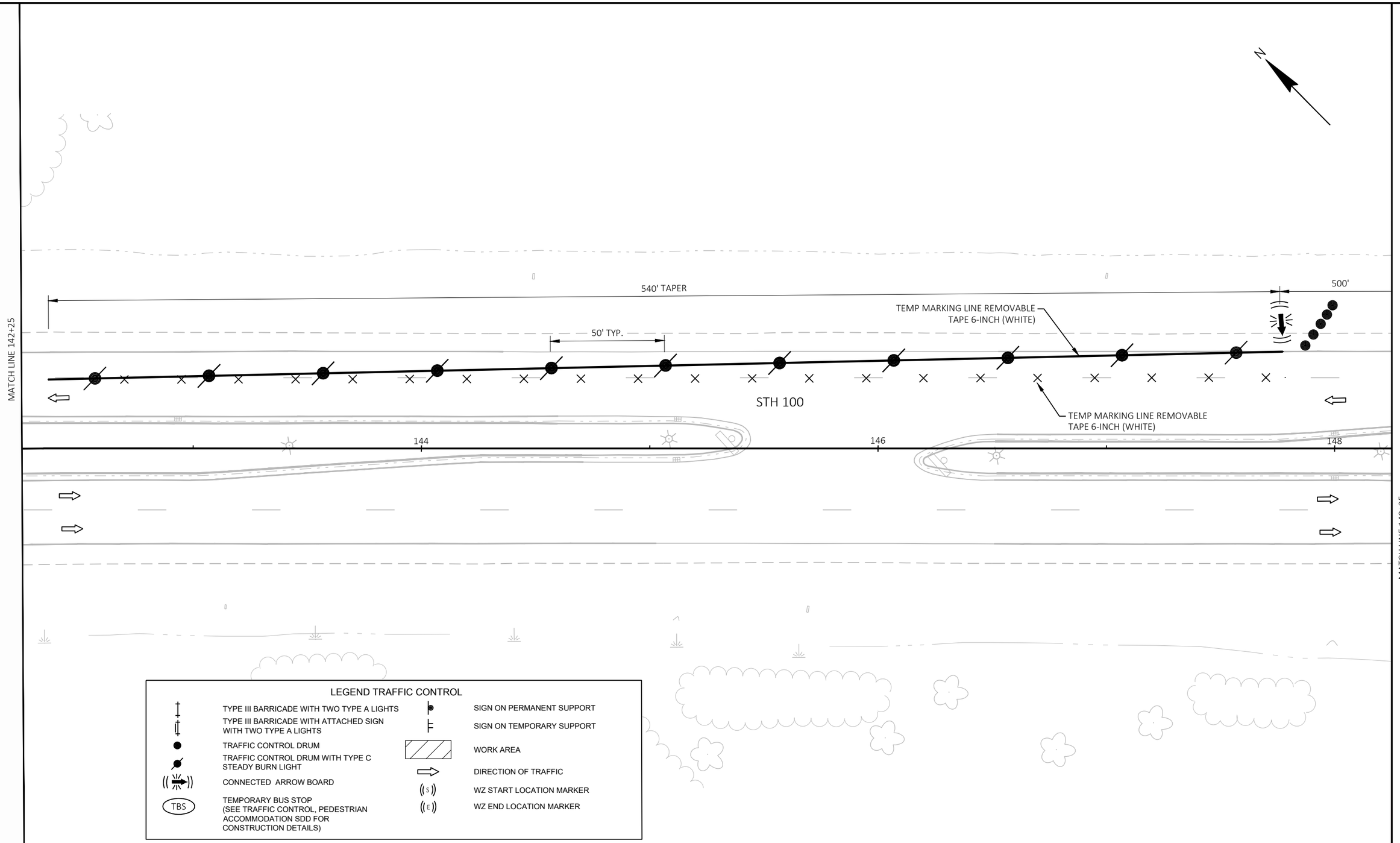
LEGEND TRAFFIC CONTROL

TYPE III BARRICADE WITH TWO TYPE A LIGHTS	SIGN ON PERMANENT SUPPORT
TYPE III BARRICADE WITH ATTACHED SIGN WITH TWO TYPE A LIGHTS	SIGN ON TEMPORARY SUPPORT
TRAFFIC CONTROL DRUM	WORK AREA
TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT	DIRECTION OF TRAFFIC
CONNECTED ARROW BOARD	(S) WZ START LOCATION MARKER
TBS TEMPORARY BUS STOP (SEE TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION SDD FOR CONSTRUCTION DETAILS)	(E) WZ END LOCATION MARKER

PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 2	SHEET 86 E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\2040-23-00_STH 100_MILWAUKEE CO\500_CADD\501_C3D_2022\20402300\SHEETS\026201-TCS2.DWG
LAYOUT NAME - 11
PLOT DATE : 7/28/2026 8:35 AM PLOT BY : JESSICA LEWIS, PE PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2



LEGEND TRAFFIC CONTROL

	TYPE III BARRICADE WITH TWO TYPE A LIGHTS		SIGN ON PERMANENT SUPPORT
	TYPE III BARRICADE WITH ATTACHED SIGN WITH TWO TYPE A LIGHTS		SIGN ON TEMPORARY SUPPORT
	TRAFFIC CONTROL DRUM		WORK AREA
	TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT		DIRECTION OF TRAFFIC
	CONNECTED ARROW BOARD	S	WZ START LOCATION MARKER
TBS	TEMPORARY BUS STOP (SEE TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION SDD FOR CONSTRUCTION DETAILS)	E	WZ END LOCATION MARKER

2

2

MATCH LINE 148+25

MATCH LINE 154+25

500'

500'

WOA-2R

STH 100

150

152

154

1 SIGN

LEGEND TRAFFIC CONTROL

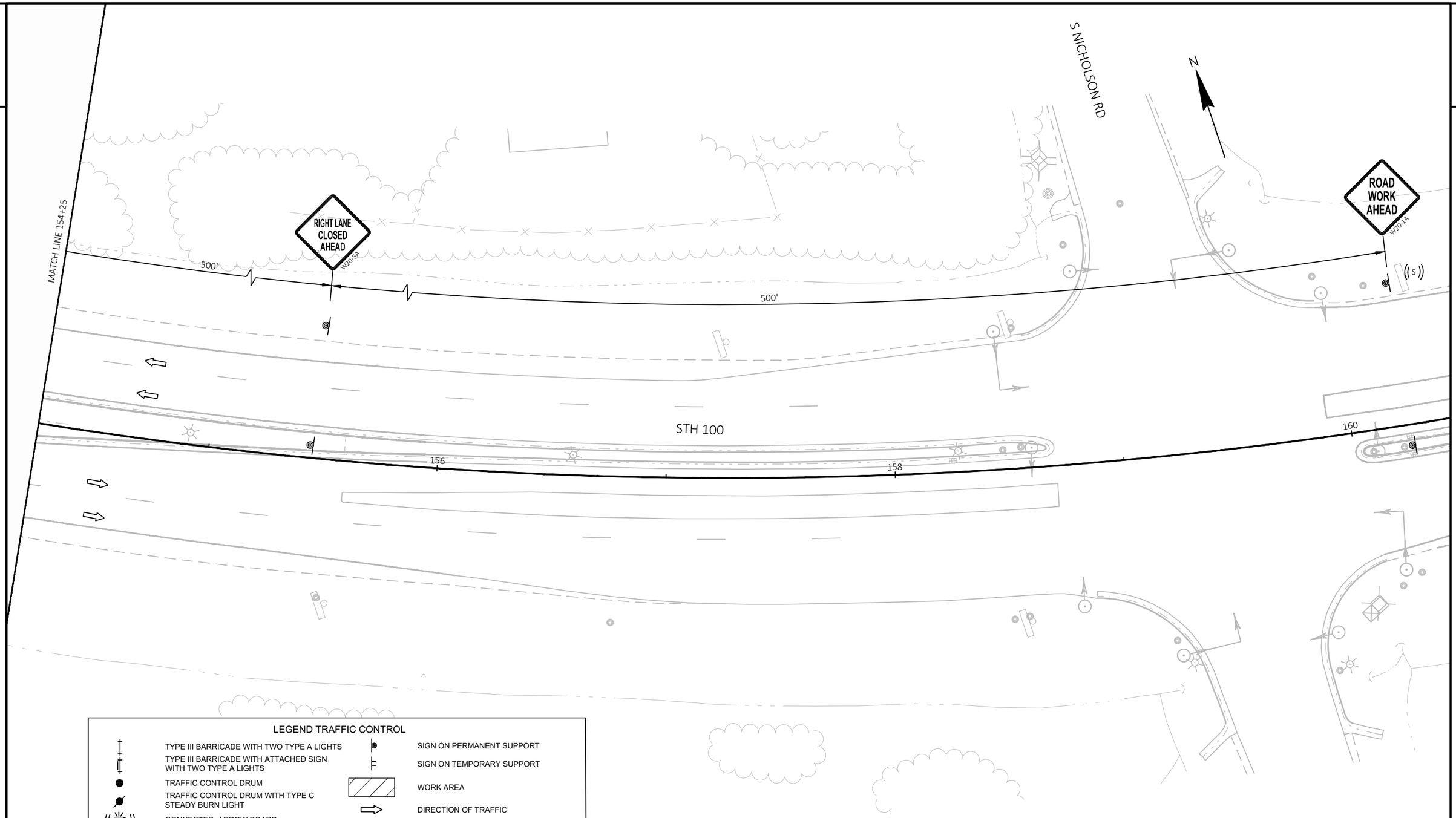
TYPE III BARRICADE WITH TWO TYPE A LIGHTS	SIGN ON PERMANENT SUPPORT
TYPE III BARRICADE WITH ATTACHED SIGN WITH TWO TYPE A LIGHTS	SIGN ON TEMPORARY SUPPORT
TRAFFIC CONTROL DRUM	WORK AREA
TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT	DIRECTION OF TRAFFIC
CONNECTED ARROW BOARD	WZ START LOCATION MARKER
TBS TEMPORARY BUS STOP (SEE TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION SDD FOR CONSTRUCTION DETAILS)	WZ END LOCATION MARKER

PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 2	SHEET 88	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\2040-23-00_STH 100_MILWAUKEE CO\500_CADD\501_C3D_2022\20402300\SHEETS\026201-TCS2.DWG
LAYOUT NAME - 13

PLOT DATE : 7/28/2026 8:35 AM PLOT BY : JESSICA LEWIS, PE PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

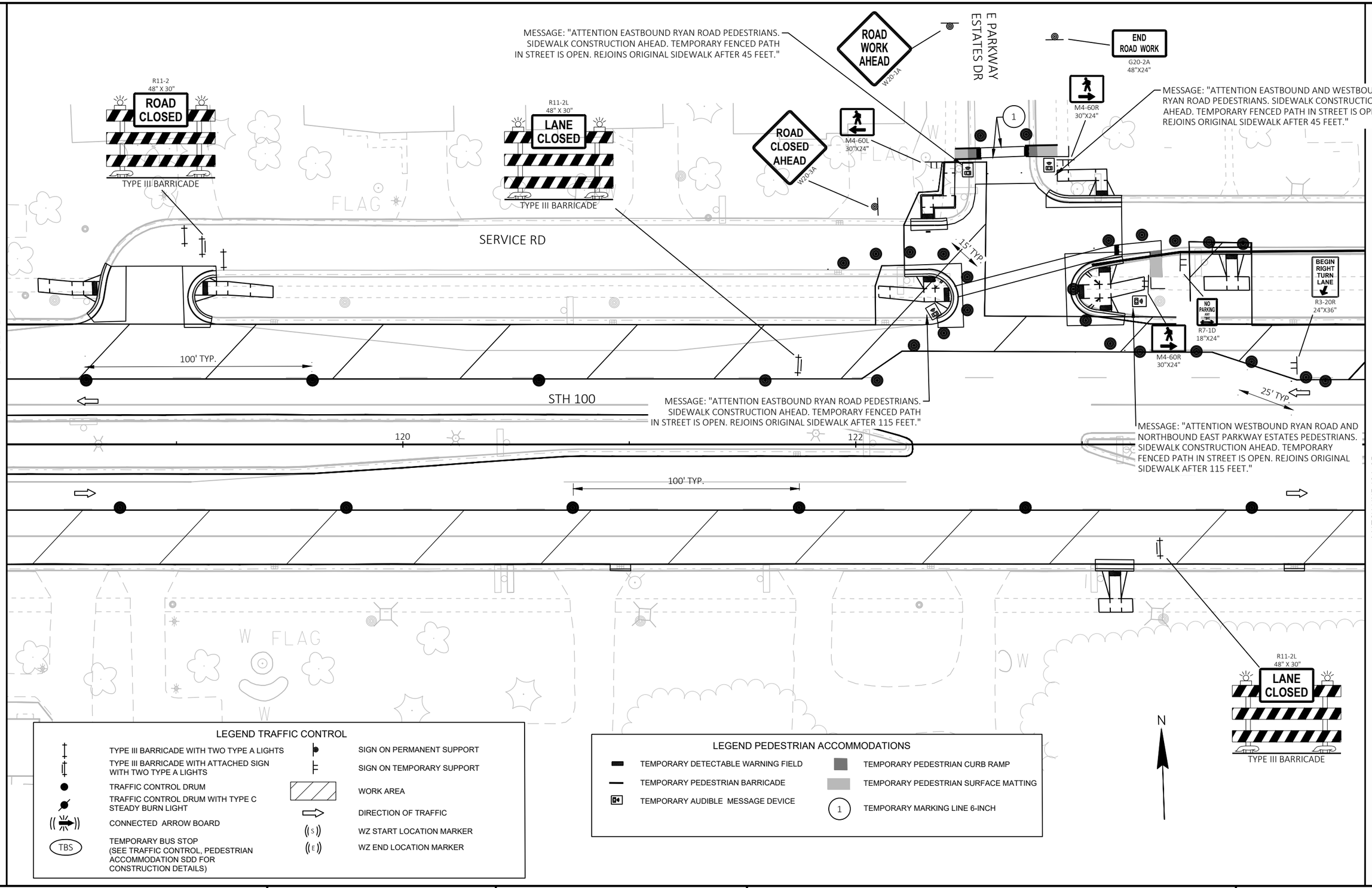


LEGEND TRAFFIC CONTROL

TYPE III BARRICADE WITH TWO TYPE A LIGHTS	SIGN ON PERMANENT SUPPORT
TYPE III BARRICADE WITH ATTACHED SIGN WITH TWO TYPE A LIGHTS	SIGN ON TEMPORARY SUPPORT
TRAFFIC CONTROL DRUM	WORK AREA
TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT	DIRECTION OF TRAFFIC
CONNECTED ARROW BOARD	WZ START LOCATION MARKER
TBS — TEMPORARY BUS STOP (SEE TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION SDD FOR CONSTRUCTION DETAILS)	WZ END LOCATION MARKER

PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 2	SHEET 89	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\2040-23-00_STH 100_MILWAUKEE CO\500_CADD\501_C3D_2022\20402300\SHEETS\026201-TCS2.DWG
LAYOUT NAME - 14
PLOT DATE : 7/28/2026 8:35 AM PLOT BY : JESSICA LEWIS, PE PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42



PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 2 - PEDESTRIAN ACCOMMODATIONS STAGE 2	SHEET 90	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\2040-23-00_STH 100_MILWAUKEE CO\500_CADD\501_C3D_2022\20402300\SHEETS\026202-TCS2_PEDS2.DWG
LAYOUT NAME - 08
PLOT DATE : 7/28/2026 8:45 AM
PLOT BY : JESSICA LEWIS, PE
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

2

LEGEND TRAFFIC CONTROL

- TYPE III BARRICADE WITH TWO TYPE A LIGHTS
- TYPE III BARRICADE WITH ATTACHED SIGN WITH TWO TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- CONNECTED ARROW BOARD
- TBS — TEMPORARY BUS STOP (SEE TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION SDD FOR CONSTRUCTION DETAILS
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- WORK AREA
- DIRECTION OF TRAFFIC
- WZ START LOCATION MARKER
- WZ END LOCATION MARKER

N

COVER SIGN IN STAGE 2

ONLY

SHEPARD AVE

ROAD WORK AHEAD W20-1A

END ROAD WORK G20-2A 48"X24"

200'

R11-2L 48" X 30"

LANE CLOSED

TYPE III BARRICADE

MARKING REMOVAL SPECIAL MARKING (WORDS)

MARKING REMOVAL SPECIAL MARKING (ARROW)

MESSAGE: "ATTENTION WESTBOUND RYAN ROAD AND NORTHBOUND AND SOUTHBOUND SHEPARD AVENUE PEDESTRIANS. SIDEWALK CONSTRUCTION AHEAD. TEMPORARY FENCED PATH IN STREET IS OPEN. REJOINS ORIGINAL SIDEWALK AFTER 335 FEET, 545 FEET, AND 265 FEET."

MESSAGE: "ATTENTION NORTHBOUND AND SOUTHBOUND SHEPARD AVENUE AND EASTBOUND RYAN ROAD PEDESTRIANS. SIDEWALK CONSTRUCTION AHEAD. TEMPORARY FENCED PATH IN STREET IS OPEN. REJOINS ORIGINAL SIDEWALK AFTER 220 FEET, 300 FEET, AND 425 FEET."

M4-60L 30"X24"

NO PARKING HERE TO CORNER R7-51L 18"X24"

MESSAGE: "ATTENTION EASTBOUND AND WESTBOUND RYAN ROAD PEDESTRIANS. SIDEWALK CONSTRUCTION AHEAD. TEMPORARY FENCED PATH IN STREET IS OPEN. REJOINS ORIGINAL SIDEWALK AFTER 45 FEET."

A/C

MAIL BOX

SERVICE RD

1

MESSAGE: "ATTENTION CROSS STREET BUSINESS CUSTOMERS. SIDEWALK CONSTRUCTION AHEAD. TEMPORARY FENCED PATH IN STREET IS OPEN. REJOINS ORIGINAL SIDEWALK AFTER 45 FEET."

M4-60D 30"X24"

MATCH LINE 124+25

STH 100

25' TYP.

126

128

130

100' TYP.

MESSAGE: "ATTENTION EASTBOUND RYAN ROAD AND NORTHBOUND AND SOUTHBOUND SHEPARD AVENUE PEDESTRIANS. SIDEWALK CONSTRUCTION AHEAD. TEMPORARY FENCED PATH IN STREET IS OPEN. REJOINS ORIGINAL SIDEWALK AFTER 345 FEET, 335 FEET, AND 180 FEET."

15' TYP.

MATCH LINE 130+25

BEGIN RIGHT TURN LANE R3-20R 24"X36"

M4-60L 30"X24"

MESSAGE: "ATTENTION EASTBOUND AND WESTBOUND RYAN ROAD AND NORTHBOUND SHEPARD AVENUE PEDESTRIANS. SIDEWALK CONSTRUCTION AHEAD. TEMPORARY FENCED PATH IN STREET IS OPEN. REJOINS ORIGINAL SIDEWALK AFTER 255 FEET, 195 FEET, AND 430 FEET."

MATCHLINE

LEGEND PEDESTRIAN ACCOMMODATIONS

- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY AUDIBLE MESSAGE DEVICE
- TEMPORARY PEDESTRIAN CURB RAMP
- TEMPORARY PEDESTRIAN SURFACE MATTING
- 1 — TEMPORARY MARKING LINE 6-INCH

END ROAD WORK G20-2A 48"X24"

ROAD WORK AHEAD W20-1A

PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 2 - PEDESTRIAN ACCOMMODATIONS STAGE 2	SHEET 91	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\2040-23-00_STH 100_MILWAUKEE CO\500_CADD\501_C3D_2022\20402300\SHEETS\026202-TCS2_PEDS2.DWG
LAYOUT NAME - 09
PLOT DATE : 7/28/2026 8:45 AM
PLOT BY : JESSICA LEWIS, PE
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

LEGEND TRAFFIC CONTROL

- TYPE III BARRICADE WITH TWO TYPE A LIGHTS
- TYPE III BARRICADE WITH ATTACHED SIGN WITH TWO TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- CONNECTED ARROW BOARD
- TBS — TEMPORARY BUS STOP (SEE TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION SDD FOR CONSTRUCTION DETAILS)
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- WORK AREA
- DIRECTION OF TRAFFIC
- WZ START LOCATION MARKER
- WZ END LOCATION MARKER

LEGEND PEDESTRIAN ACCOMMODATIONS

- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY AUDIBLE MESSAGE DEVICE
- TEMPORARY PEDESTRIAN CURB RAMP
- TEMPORARY PEDESTRIAN SURFACE MATTING
- 1 — TEMPORARY MARKING LINE 6-INCH

MATCH LINE 124+25

SERVICE RD

A/C

MAIL BOX

BEGIN LEFT TURN LANE
R3-20LL
24"X36"

100' TYP.

STH 100

126

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

MESSAGE: "ATTENTION EASTBOUND RYAN ROAD PEDESTRIANS. SIDEWALK CONSTRUCTION AHEAD. TEMPORARY FENCED PATH IN STREET IS OPEN. REJOINS ORIGINAL SIDEWALK AFTER 68FEET."

COVER SIGN IN STAGE 2A
ONLY

SHEPARD AVE

ROAD WORK AHEAD
W20-1A

END ROAD WORK
G20-2A
48"X24"

200'

10' MIN.

TEMPORARY PEDESTRIAN SURFACE ASPHALT

MESSAGE: "ATTENTION WESTBOUND RYAN ROAD PEDESTRIANS. SIDEWALK CONSTRUCTION AHEAD. TEMPORARY FENCED PATH IN STREET IS OPEN. REJOINS ORIGINAL SIDEWALK AFTER 68 FEET."

BEGIN RIGHT TURN LANE
R3-20R
24"X36"

N

MESSAGE: "ATTENTION EASTBOUND RYAN ROAD PEDESTRIANS. SIDEWALK CONSTRUCTION AHEAD. TEMPORARY FENCED PATH IN STREET IS OPEN. REJOINS ORIGINAL SIDEWALK AFTER 65 FEET."

128

130

MATCH LINE 130+25

BEGIN RIGHT TURN LANE
R3-20R
24"X36"

TEMPORARY PEDESTRIAN SURFACE ASPHALT

SIDEWALK CLOSED
R9-9
24"X12"

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

MESSAGE: "ATTENTION WESTBOUND RYAN ROAD PEDESTRIANS. SIDEWALK CONSTRUCTION AHEAD. TEMPORARY FENCED PATH IN STREET IS OPEN. REJOINS ORIGINAL SIDEWALK AFTER 65 FEET."

MATCHLINE

END ROAD WORK
G20-2A
48"X24"

200'

ROAD WORK AHEAD
W20-1A

COVER SIGN IN STAGE 2
ONLY

MATCHLINE

PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 2 - SIDE ROAD	SHEET 92	E

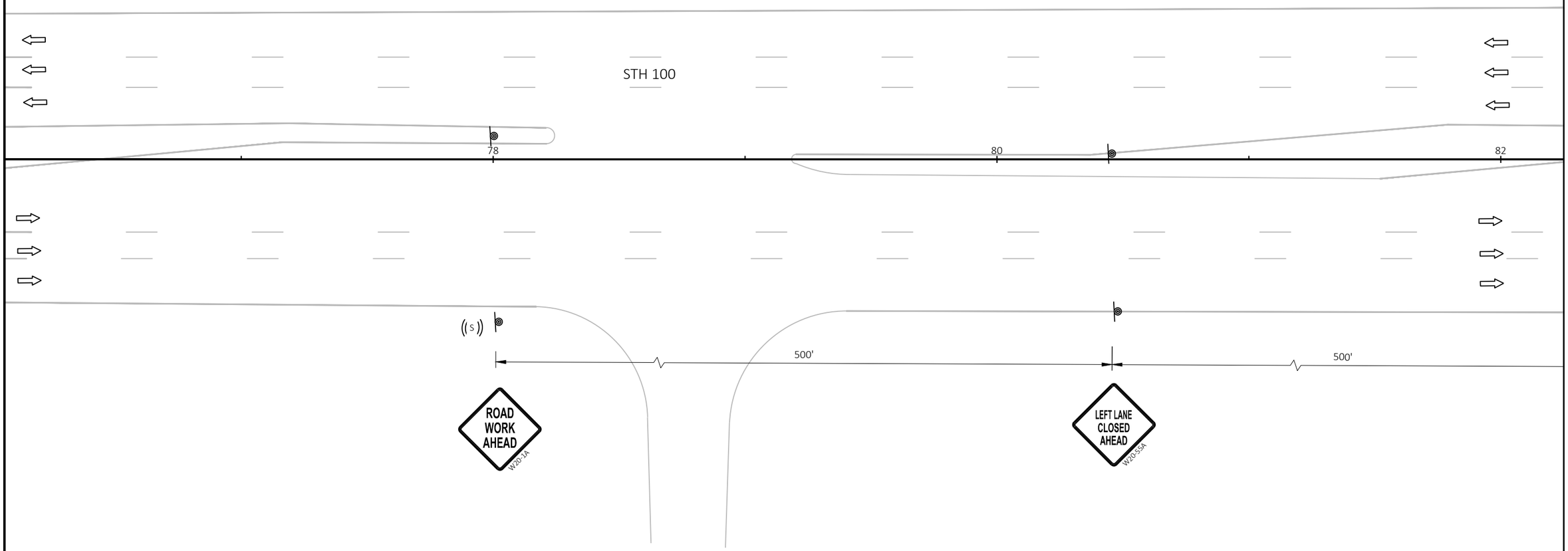
FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\2040-23-00_STH 100_MILWAUKEE CO\500_CADD\501_C3D_2022\20402300\SHEETS\026203-TCS2 - SIDE ROAD.DWG
LAYOUT NAME - 09
PLOT DATE : 7/28/2026 8:49 AM
PLOT BY : JESSICA LEWIS, PE
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

LEGEND TRAFFIC CONTROL

- TYPE III BARRICADE WITH TWO TYPE A LIGHTS
- TYPE III BARRICADE WITH ATTACHED SIGN WITH TWO TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- CONNECTED ARROW BOARD
- TBS — TEMPORARY BUS STOP (SEE TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION SDD FOR CONSTRUCTION DETAILS)
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- WORK AREA
- DIRECTION OF TRAFFIC
- WZ START LOCATION MARKER
- WZ END LOCATION MARKER

N



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PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 3A	SHEET 93	E

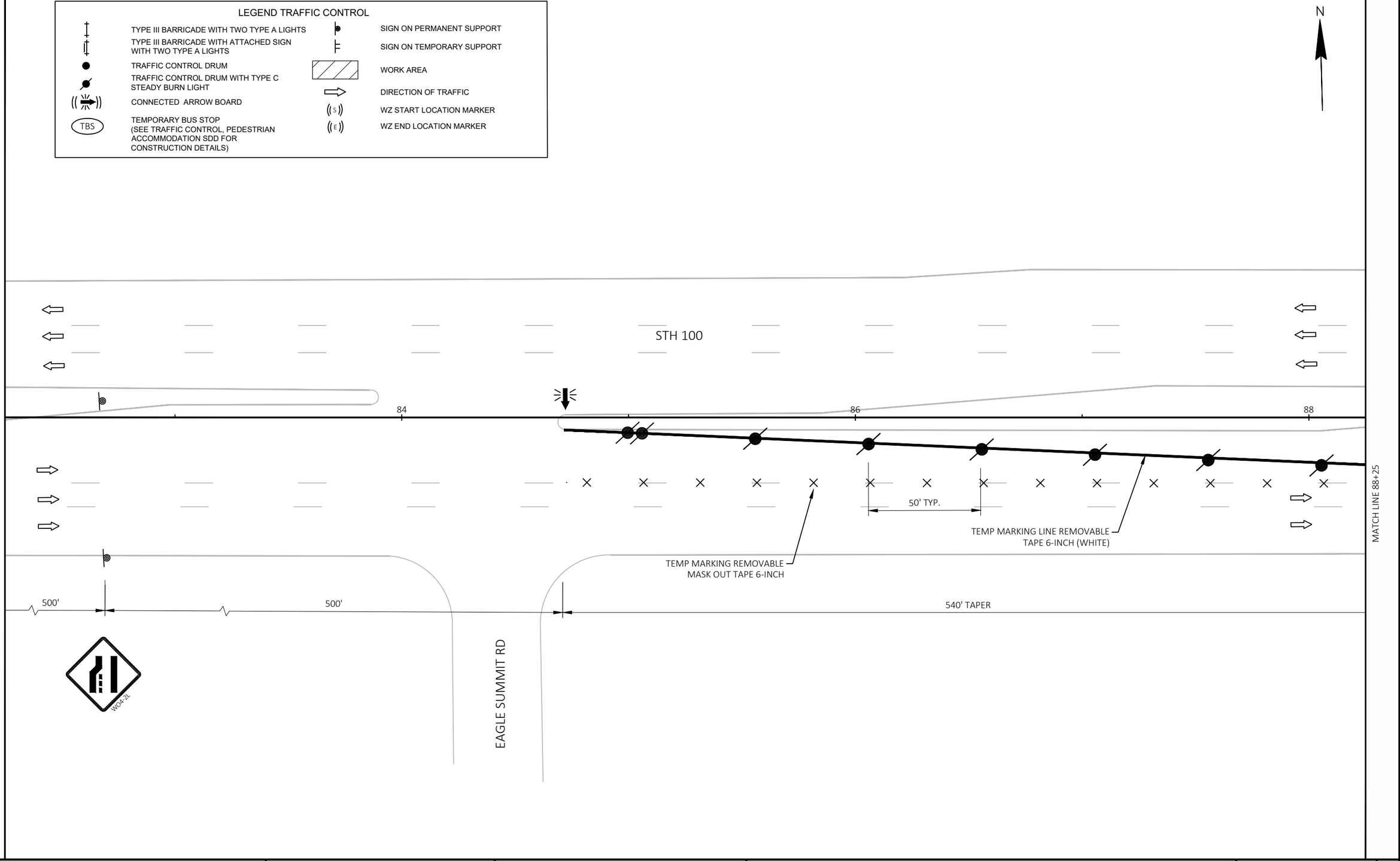
FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\2040-23-00_STH 100_MILWAUKEE CO\500_CADD\501_C3D_2022\20402300\SHEETS\026301-TCS3A.DWG
LAYOUT NAME - 01

PLOT DATE : 7/28/2026 8:52 AM PLOT BY : JESSICA LEWIS, PE PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND TRAFFIC CONTROL

- TYPE III BARRICADE WITH TWO TYPE A LIGHTS
- TYPE III BARRICADE WITH ATTACHED SIGN WITH TWO TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- CONNECTED ARROW BOARD
- TBS — TEMPORARY BUS STOP (SEE TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION SDD FOR CONSTRUCTION DETAILS)
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- WORK AREA
- DIRECTION OF TRAFFIC
- WZ START LOCATION MARKER
- WZ END LOCATION MARKER



PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 3A	SHEET 94	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\2040-23-00_STH 100_MILWAUKEE CO\500_CADD\501_C3D_2022\20402300\SHEETS\026301-TCS3A.DWG
LAYOUT NAME - 02
PLOT DATE : 7/28/2026 8:52 AM
PLOT BY : JESSICA LEWIS, PE
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

LEGEND TRAFFIC CONTROL

- TYPE III BARRICADE WITH TWO TYPE A LIGHTS
- TYPE III BARRICADE WITH ATTACHED SIGN WITH TWO TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- CONNECTED ARROW BOARD
- TBS — TEMPORARY BUS STOP (SEE TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION SDD FOR CONSTRUCTION DETAILS)
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- WORK AREA
- DIRECTION OF TRAFFIC
- WZ START LOCATION MARKER
- WZ END LOCATION MARKER

N

MATCH LINE 88+25

STH 100

90 92 94

50' TYP.

25' TYP.

TEMP MARKING REMOVABLE MASK OUT TAPE 6-INCH

TEMP MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)

540' TAPER

1100' BUFFER

MATCH LINE 94+25

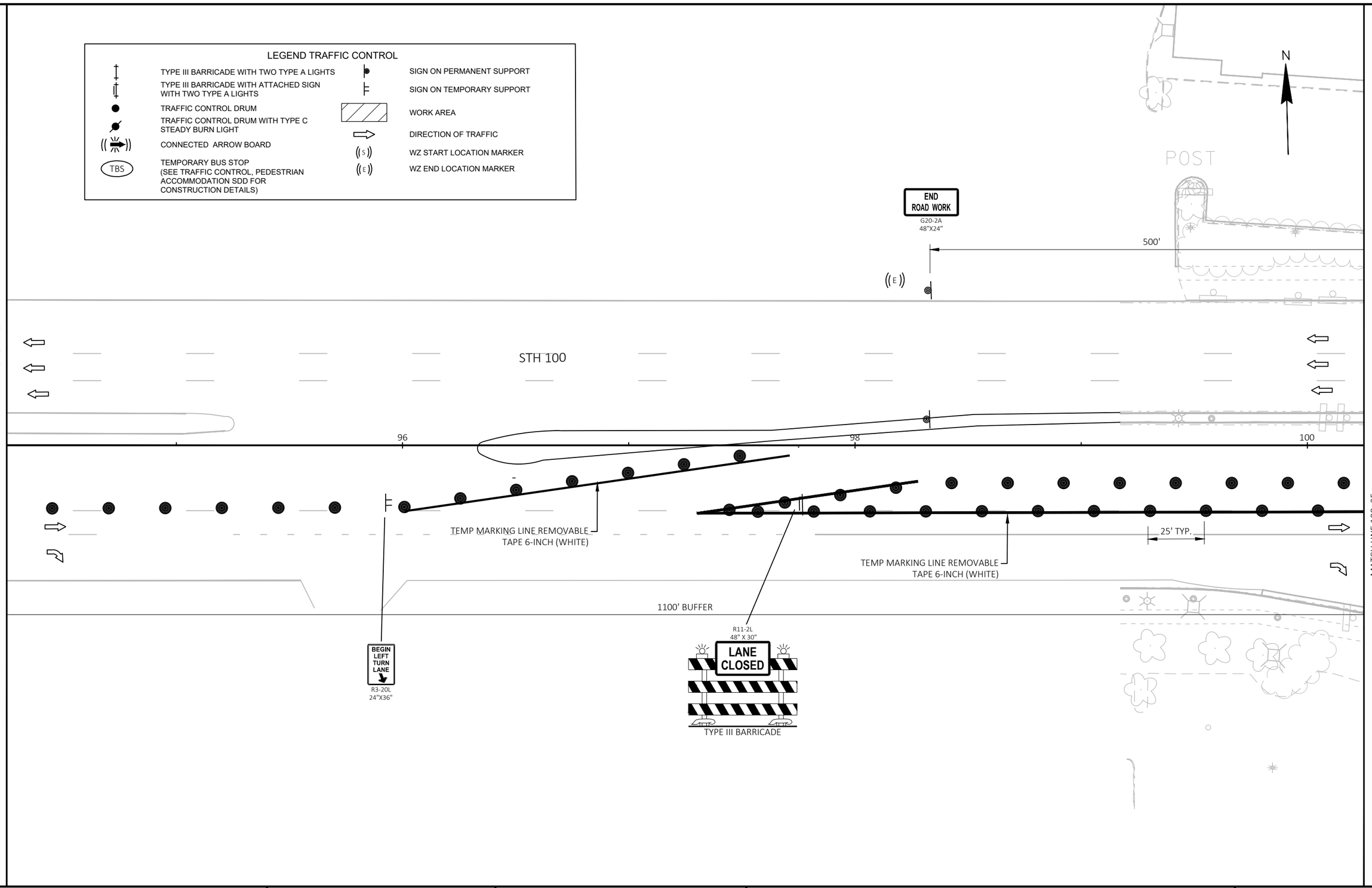
PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 3A	SHEET 95	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\2040-23-00_STH 100_MILWAUKEE CO\500_CADD\501_C3D_2022\20402300\SHEETS\026301-TCS3A.DWG
LAYOUT NAME - 03

PLOT DATE : 7/28/2026 8:53 AM PLOT BY : JESSICA LEWIS, PE PLOT NAME : PLOT SCALE : 1 IN:40 FT

LEGEND TRAFFIC CONTROL

- TYPE III BARRICADE WITH TWO TYPE A LIGHTS
- TYPE III BARRICADE WITH ATTACHED SIGN WITH TWO TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- CONNECTED ARROW BOARD
- TBS — TEMPORARY BUS STOP (SEE TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION SDD FOR CONSTRUCTION DETAILS)
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- WORK AREA
- DIRECTION OF TRAFFIC
- WZ START LOCATION MARKER
- WZ END LOCATION MARKER



2

2

LEGEND TRAFFIC CONTROL

- TYPE III BARRICADE WITH TWO TYPE A LIGHTS
- TYPE III BARRICADE WITH ATTACHED SIGN WITH TWO TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- CONNECTED ARROW BOARD
- TBS — TEMPORARY BUS STOP (SEE TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION SDD FOR CONSTRUCTION DETAILS)
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- WORK AREA
- DIRECTION OF TRAFFIC
- WZ START LOCATION MARKER
- WZ END LOCATION MARKER

N

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

COORDINATE TRAFFIC CONTROL WITH STH 38 PROJECT 2060-20-70

500'

MATCH LINE 100+25

STH 100

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

25' TYP.

102

104

106

15' TYP.

100' TYP.

MATCH LINE 106+25

TEMP MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)

1100' BUFFER

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

FILLER CAP

CANOPY

STH 38

PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 3A	SHEET 97	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\2040-23-00_STH 100_MILWAUKEE CO\500_CADD\501_C3D_2022\20402300\SHEETS\026301-TCS3A.DWG
LAYOUT NAME - 05
PLOT DATE : 7/28/2026 8:53 AM
PLOT BY : JESSICA LEWIS, PE
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

LEGEND TRAFFIC CONTROL

- TYPE III BARRICADE WITH TWO TYPE A LIGHTS
- TYPE III BARRICADE WITH ATTACHED SIGN WITH TWO TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- CONNECTED ARROW BOARD
- TBS — TEMPORARY BUS STOP (SEE TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION SDD FOR CONSTRUCTION DETAILS)
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- WORK AREA
- DIRECTION OF TRAFFIC
- WZ START LOCATION MARKER
- WZ END LOCATION MARKER

N

BEGIN LEFT TURN LANE
R3-20L
24"X36"

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

MATCH LINE 106+25

25' TYP.

STH 100

100' TYP.

108

110

112

MATCH LINE 112+25

R11-2
48" X 30"
ROAD CLOSED
TYPE III BARRICADE

A/C

W

2

PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 3A	SHEET 98	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\2040-23-00_STH 100_MILWAUKEE CO\500_CADD\501_C3D_2022\20402300\SHEETS\026301-TCS3A.DWG
LAYOUT NAME - 06

PLOT DATE : 7/28/2026 8:53 AM PLOT BY : JESSICA LEWIS, PE PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

LEGEND TRAFFIC CONTROL

- TYPE III BARRICADE WITH TWO TYPE A LIGHTS
- TYPE III BARRICADE WITH ATTACHED SIGN WITH TWO TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- CONNECTED ARROW BOARD
- TEMPORARY BUS STOP (SEE TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION SDD FOR CONSTRUCTION DETAILS) — TBS
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- WORK AREA
- DIRECTION OF TRAFFIC
- WZ START LOCATION MARKER — S
- WZ END LOCATION MARKER — E

N

MATCH LINE 112+25

STH 100

100' TYP.

114

116

118

MATCH LINE 118+25

R11-2L
48" X 30"
LANE CLOSED

TYPE III BARRICADE

CANOPY

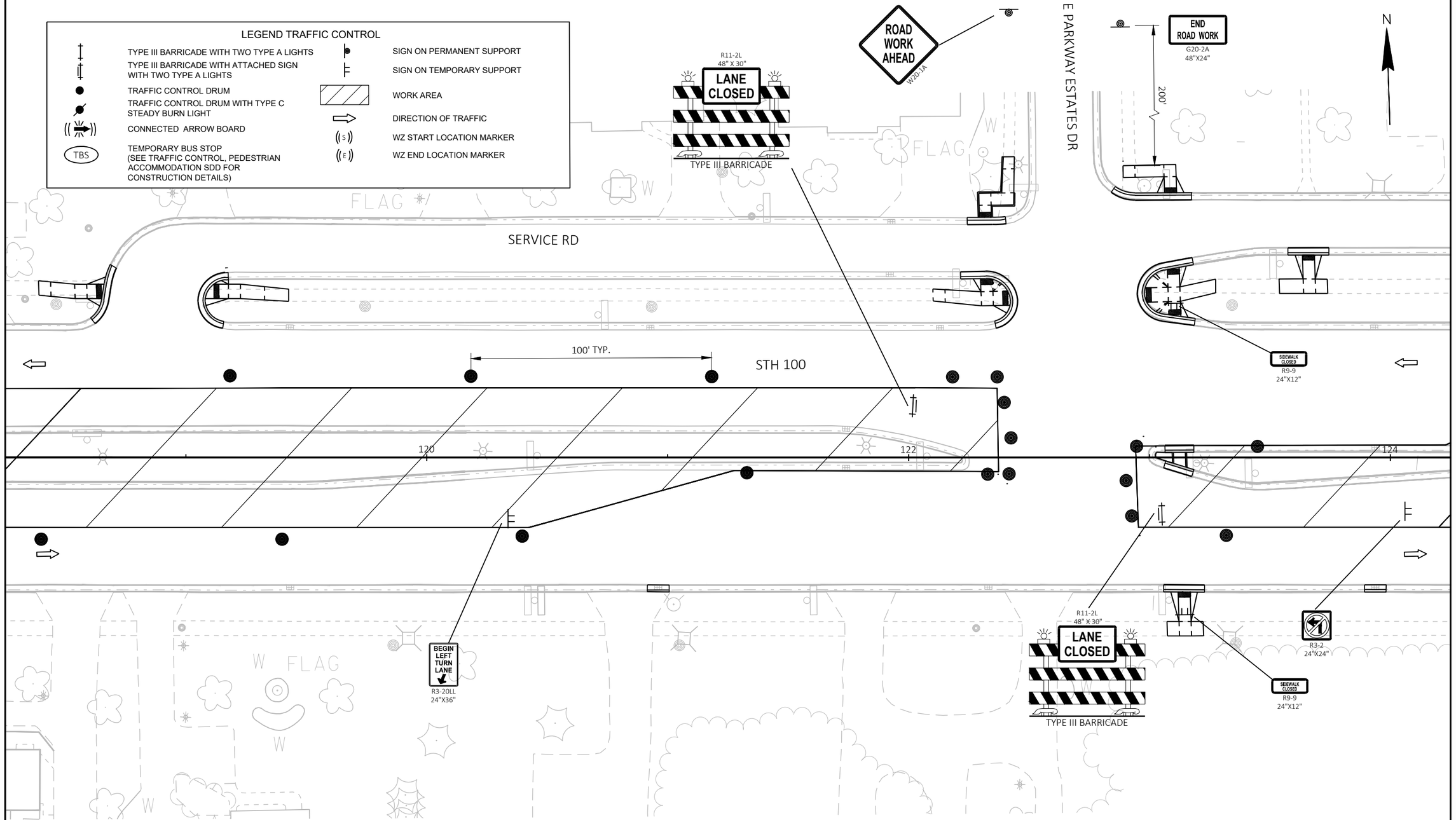
PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 3A	SHEET 99	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\2040-23-00_STH 100_MILWAUKEE CO\500_CADD\501_C3D_2022\20402300\SHEETS\026301-TCS3A.DWG
LAYOUT NAME - 07

PLOT DATE : 7/28/2026 8:54 AM PLOT BY : JESSICA LEWIS, PE PLOT NAME : PLOT SCALE : 1 IN:40 FT

LEGEND TRAFFIC CONTROL

- TYPE III BARRICADE WITH TWO TYPE A LIGHTS
- TYPE III BARRICADE WITH ATTACHED SIGN WITH TWO TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- CONNECTED ARROW BOARD
- TEMPORARY BUS STOP (SEE TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION SDD FOR CONSTRUCTION DETAILS) — TBS
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- WORK AREA
- DIRECTION OF TRAFFIC
- WZ START LOCATION MARKER (S)
- WZ END LOCATION MARKER (E)

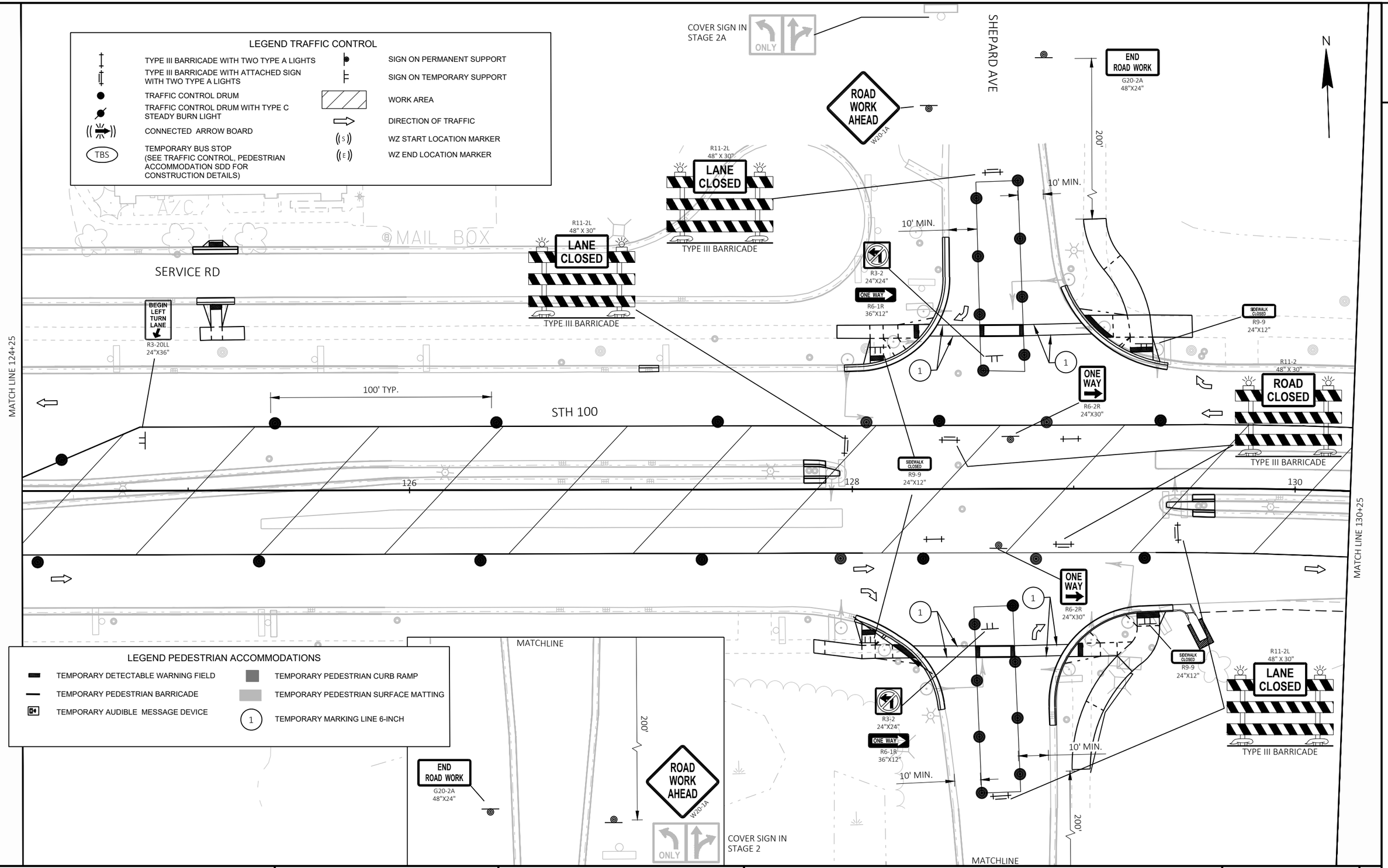


PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 3A	SHEET 100	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\2040-23-00_STH 100_MILWAUKEE CO\500_CADD\501_C3D_2022\20402300\SHEETS\026301-TCS3A.DWG
LAYOUT NAME - 08
PLOT DATE : 7/28/2026 8:53 AM PLOT BY : JESSICA LEWIS, PE PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

LEGEND TRAFFIC CONTROL

- TYPE III BARRICADE WITH TWO TYPE A LIGHTS
- TYPE III BARRICADE WITH ATTACHED SIGN WITH TWO TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- CONNECTED ARROW BOARD
- TEMPORARY BUS STOP (SEE TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION SDD FOR CONSTRUCTION DETAILS)
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- WORK AREA
- DIRECTION OF TRAFFIC
- WZ START LOCATION MARKER
- WZ END LOCATION MARKER



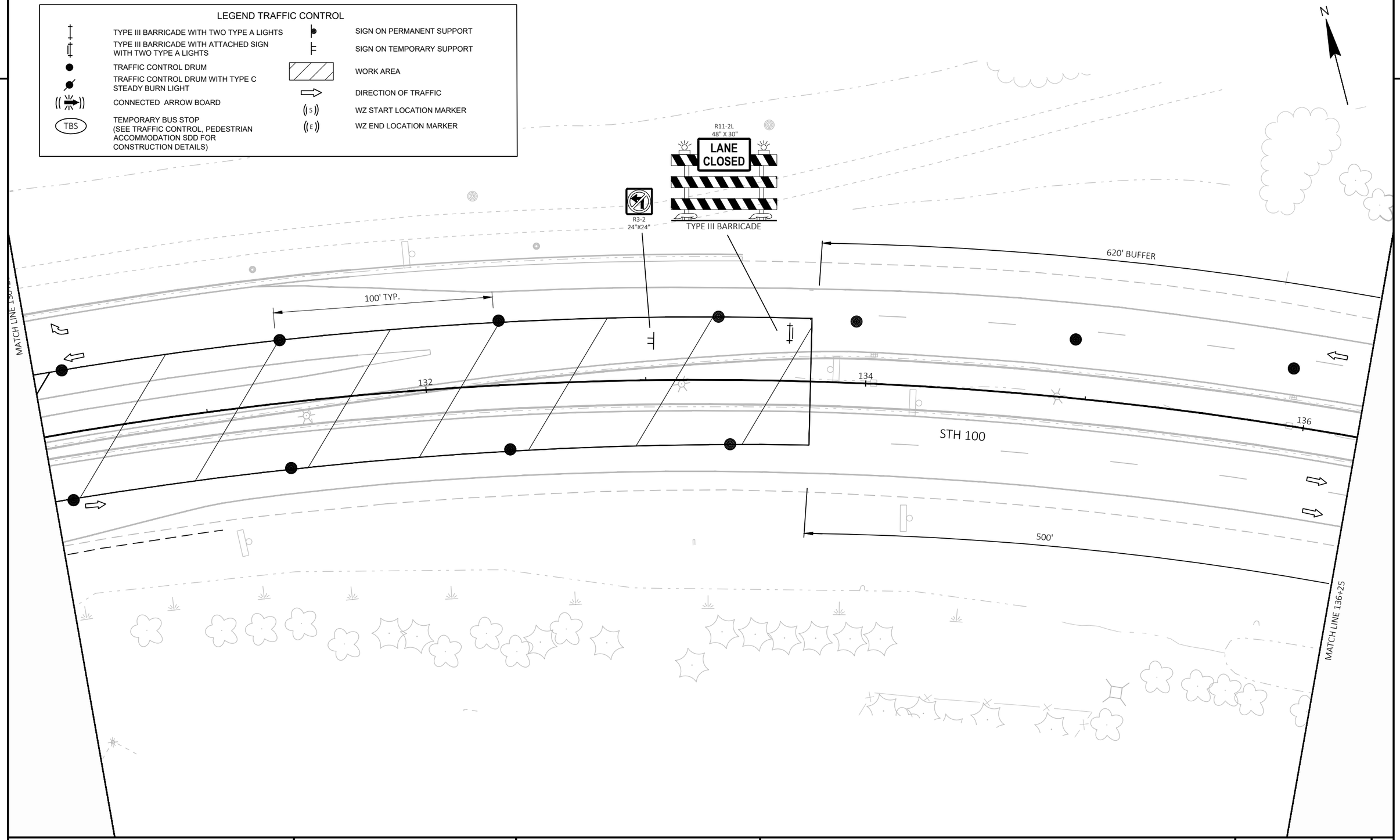
PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 3A	SHEET 101	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\2040-23-00_STH 100_MILWAUKEE CO\500_CADD\501_C3D_2022\20402300\SHEETS\026301-TCS3A.DWG
LAYOUT NAME - 09
PLOT DATE : 7/28/2026 8:53 AM PLOT BY : JESSICA LEWIS, PE PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

LEGEND TRAFFIC CONTROL

- TYPE III BARRICADE WITH TWO TYPE A LIGHTS
- TYPE III BARRICADE WITH ATTACHED SIGN WITH TWO TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- CONNECTED ARROW BOARD
- TBS — TEMPORARY BUS STOP (SEE TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION SDD FOR CONSTRUCTION DETAILS)
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- WORK AREA
- DIRECTION OF TRAFFIC
- WZ START LOCATION MARKER
- WZ END LOCATION MARKER



PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 3A	SHEET 102	E

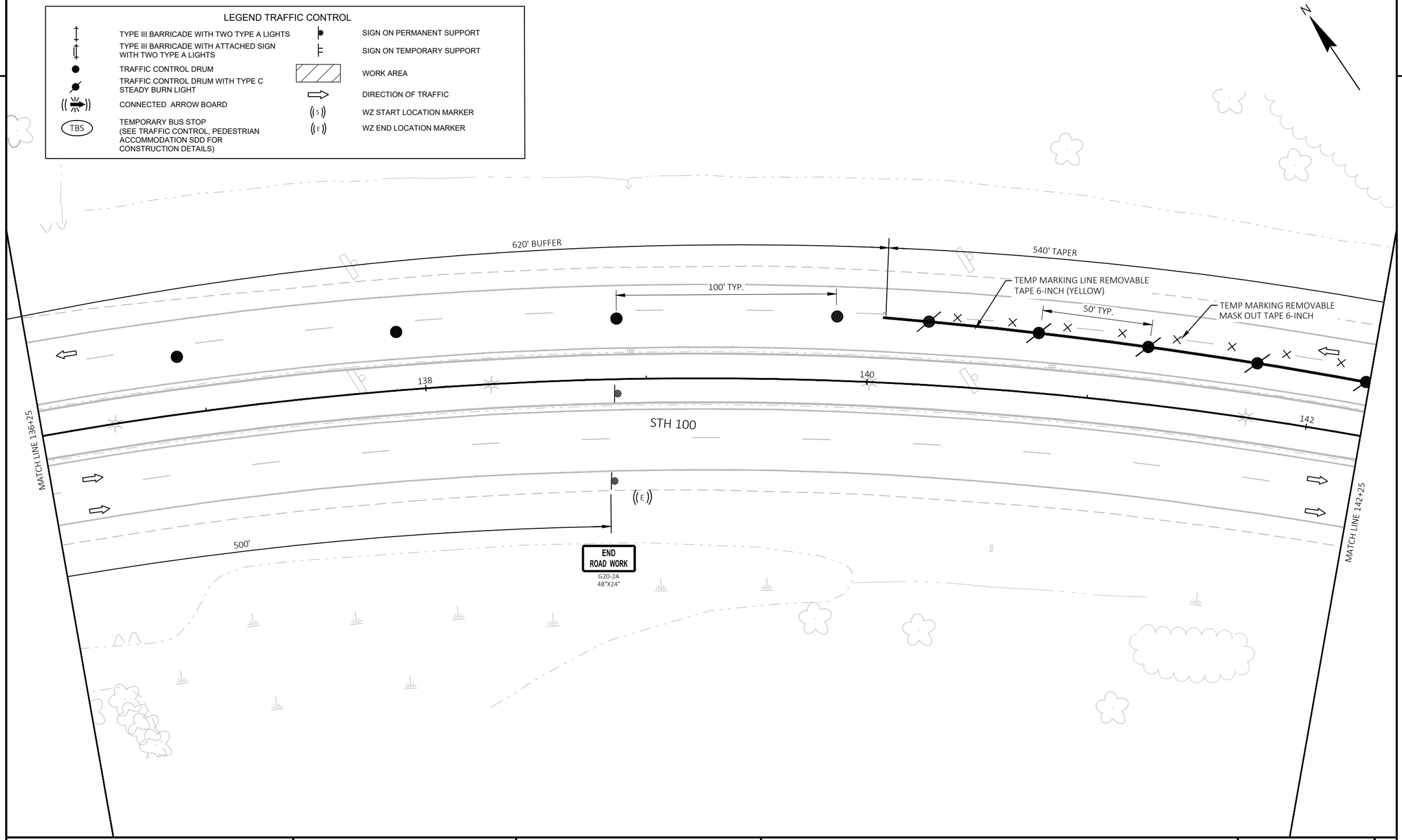
FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\2040-23-00_STH 100_MILWAUKEE CO\500_CADD\501_C3D_2022\20402300\SHEETS\026301-TCS3A.DWG
LAYOUT NAME - 10

PLOT DATE : 7/28/2026 8:53 AM PLOT BY : JESSICA LEWIS, PE PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND TRAFFIC CONTROL

- TYPE III BARRICADE WITH TWO TYPE A LIGHTS
- TYPE III BARRICADE WITH ATTACHED SIGN WITH TWO TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- CONNECTED ARROW BOARD
- TBS — TEMPORARY BUS STOP (SEE TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION SDD FOR CONSTRUCTION DETAILS)
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- WORK AREA
- DIRECTION OF TRAFFIC
- (S) WZ START LOCATION MARKER
- (E) WZ END LOCATION MARKER



2

PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 3A	SHEET 103	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\2040-23-00_STH 100_MILWAUKEE CO\500_CADD\501_C3D_2022\20402300\SHEETS\026301-TCS3A.DWG
LAYOUT NAME - 11

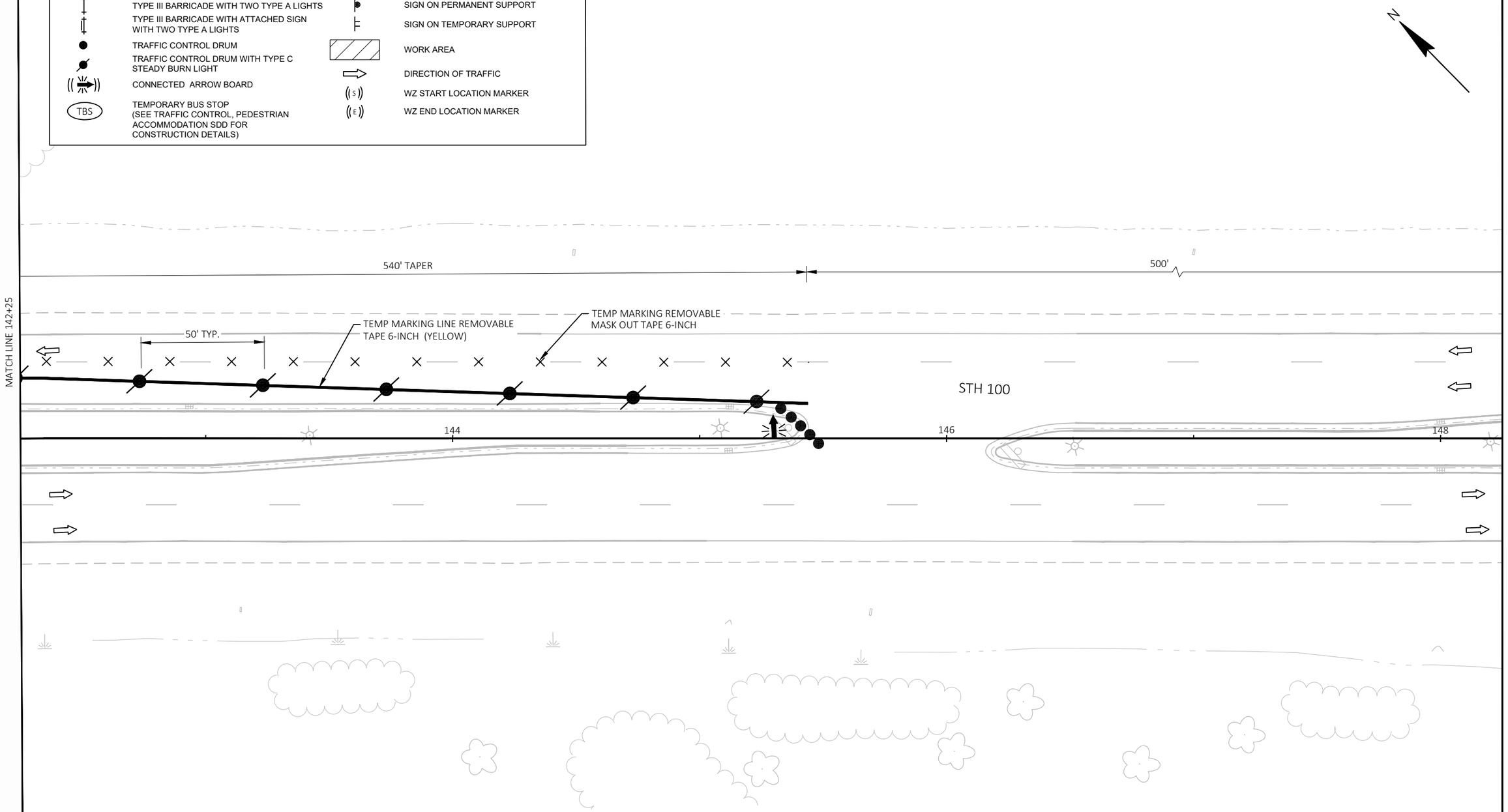
PLOT DATE : 7/28/2026 8:53 AM PLOT BY : JESSICA LEWIS, PE PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND TRAFFIC CONTROL

- TYPE III BARRICADE WITH TWO TYPE A LIGHTS
- TYPE III BARRICADE WITH ATTACHED SIGN WITH TWO TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- CONNECTED ARROW BOARD
- TBS — TEMPORARY BUS STOP (SEE TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION SDD FOR CONSTRUCTION DETAILS)
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- WORK AREA
- DIRECTION OF TRAFFIC
- WZ START LOCATION MARKER
- WZ END LOCATION MARKER



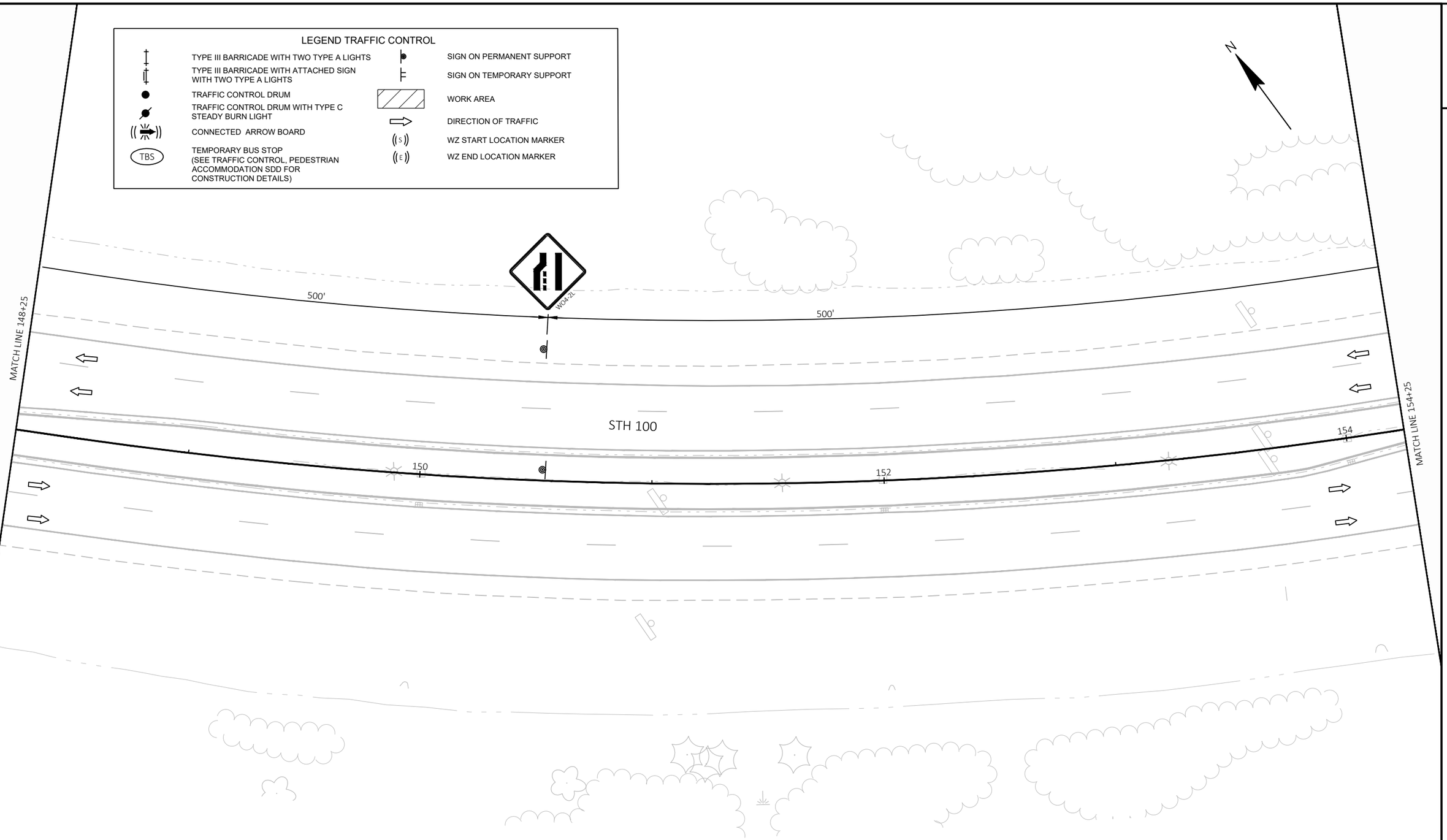
PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 3A	SHEET 104	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\2040-23-00_STH 100_MILWAUKEE CO\500_CADD\501_C3D_2022\20402300\SHEETS\026301-TCS3A.DWG
LAYOUT NAME - 12
PLOT DATE : 7/28/2026 8:53 AM
PLOT BY : JESSICA LEWIS, PE
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

LEGEND TRAFFIC CONTROL

- TYPE III BARRICADE WITH TWO TYPE A LIGHTS
- TYPE III BARRICADE WITH ATTACHED SIGN WITH TWO TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- CONNECTED ARROW BOARD
- TEMPORARY BUS STOP (SEE TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION SDD FOR CONSTRUCTION DETAILS)
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- WORK AREA
- DIRECTION OF TRAFFIC
- WZ START LOCATION MARKER
- WZ END LOCATION MARKER

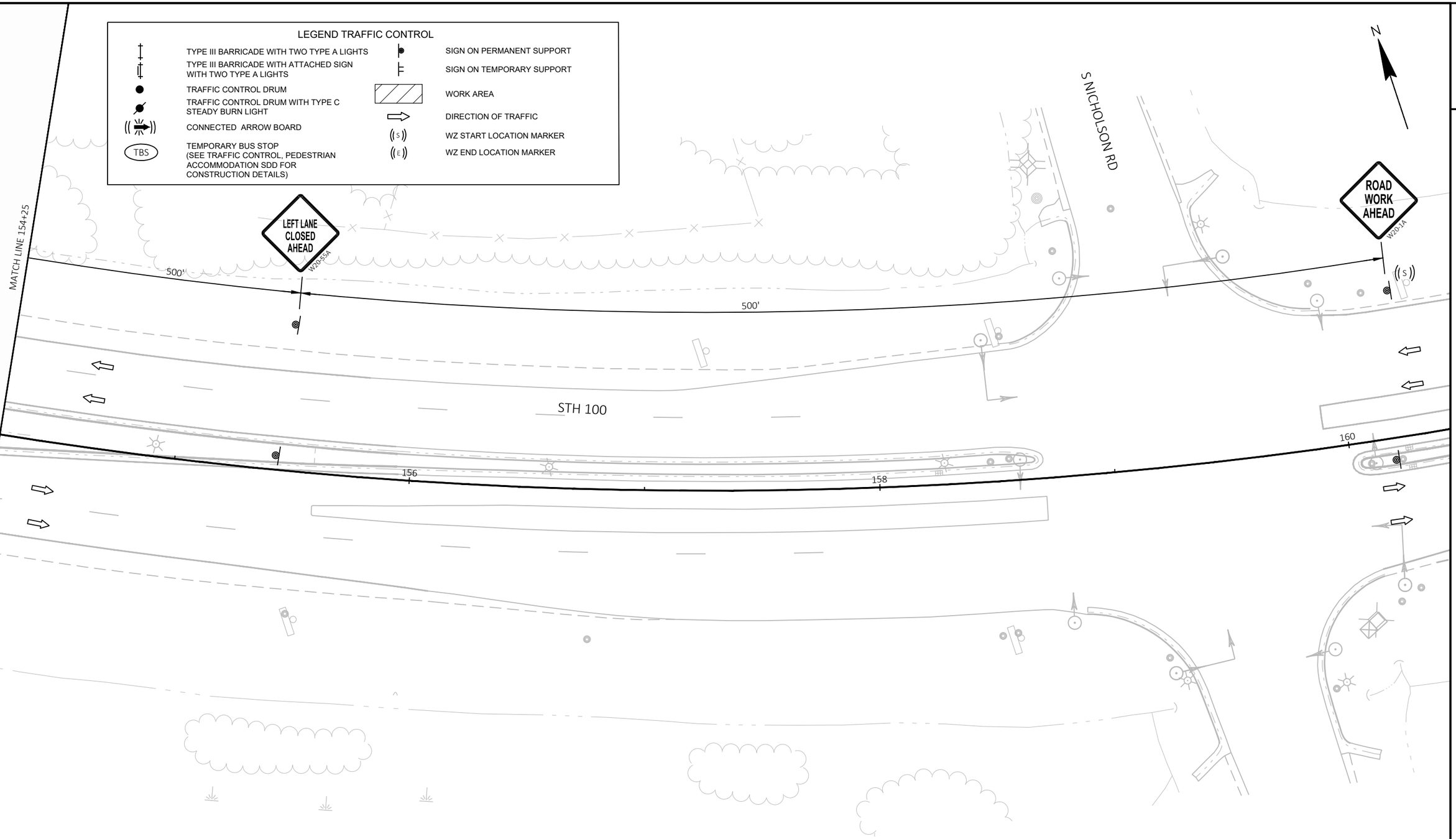


PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 3A	SHEET 105	E

2

LEGEND TRAFFIC CONTROL

- TYPE III BARRICADE WITH TWO TYPE A LIGHTS
- TYPE III BARRICADE WITH ATTACHED SIGN WITH TWO TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- CONNECTED ARROW BOARD
- TEMPORARY BUS STOP (SEE TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION SDD FOR CONSTRUCTION DETAILS)
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- WORK AREA
- DIRECTION OF TRAFFIC
- WZ START LOCATION MARKER
- WZ END LOCATION MARKER



PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 3A	SHEET 106	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\2040-23-00_STH 100_MILWAUKEE CO\500_CADD\501_C3D_2022\20402300\SHEETS\026301-TCS3A.DWG
LAYOUT NAME - 14

PLOT DATE : 7/28/2026 8:53 AM PLOT BY : JESSICA LEWIS, PE PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND TRAFFIC CONTROL

TYPE III BARRICADE WITH TWO TYPE A LIGHTS	SIGN ON PERMANENT SUPPORT
TYPE III BARRICADE WITH ATTACHED SIGN WITH TWO TYPE A LIGHTS	SIGN ON TEMPORARY SUPPORT
TRAFFIC CONTROL DRUM	WORK AREA
TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT	DIRECTION OF TRAFFIC
CONNECTED ARROW BOARD	WZ START LOCATION MARKER
TEMPORARY BUS STOP (SEE TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION SDD FOR CONSTRUCTION DETAILS)	WZ END LOCATION MARKER

N

STH 100

78

80

82

MATCH LINE 82+25

500'

500'

ROAD WORK AHEAD W20-1A

LEFT LANE CLOSED AHEAD W20-5SA

2

PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 3B	SHEET 107	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\2040-23-00_STH 100_MILWAUKEE CO\500_CADD\501_C3D_2022\20402300\SHEETS\026302-TCS3B.DWG
LAYOUT NAME - 01

PLOT DATE : 7/28/2026 9:00 AM PLOT BY : JESSICA LEWIS, PE PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND TRAFFIC CONTROL

- TYPE III BARRICADE WITH TWO TYPE A LIGHTS
- TYPE III BARRICADE WITH ATTACHED SIGN WITH TWO TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- CONNECTED ARROW BOARD
- TBS — TEMPORARY BUS STOP (SEE TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION SDD FOR CONSTRUCTION DETAILS)
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- WORK AREA
- DIRECTION OF TRAFFIC
- WZ START LOCATION MARKER
- WZ END LOCATION MARKER

N

MATCH LINE 82+25

STH 100

84 86 88

50' TYP.

TEMP MARKING REMOVABLE MASK OUT TAPE 6-INCH

TEMP MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)

500' 500' 540' TAPER

W04-2L

EAGLE SUMMIT RD

MATCH LINE 88+25

2

PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 3B	SHEET 108	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\2040-23-00_STH 100_MILWAUKEE CO\500_CADD\501_C3D_2022\20402300\SHEETS\026302-TCS3B.DWG
LAYOUT NAME - 02

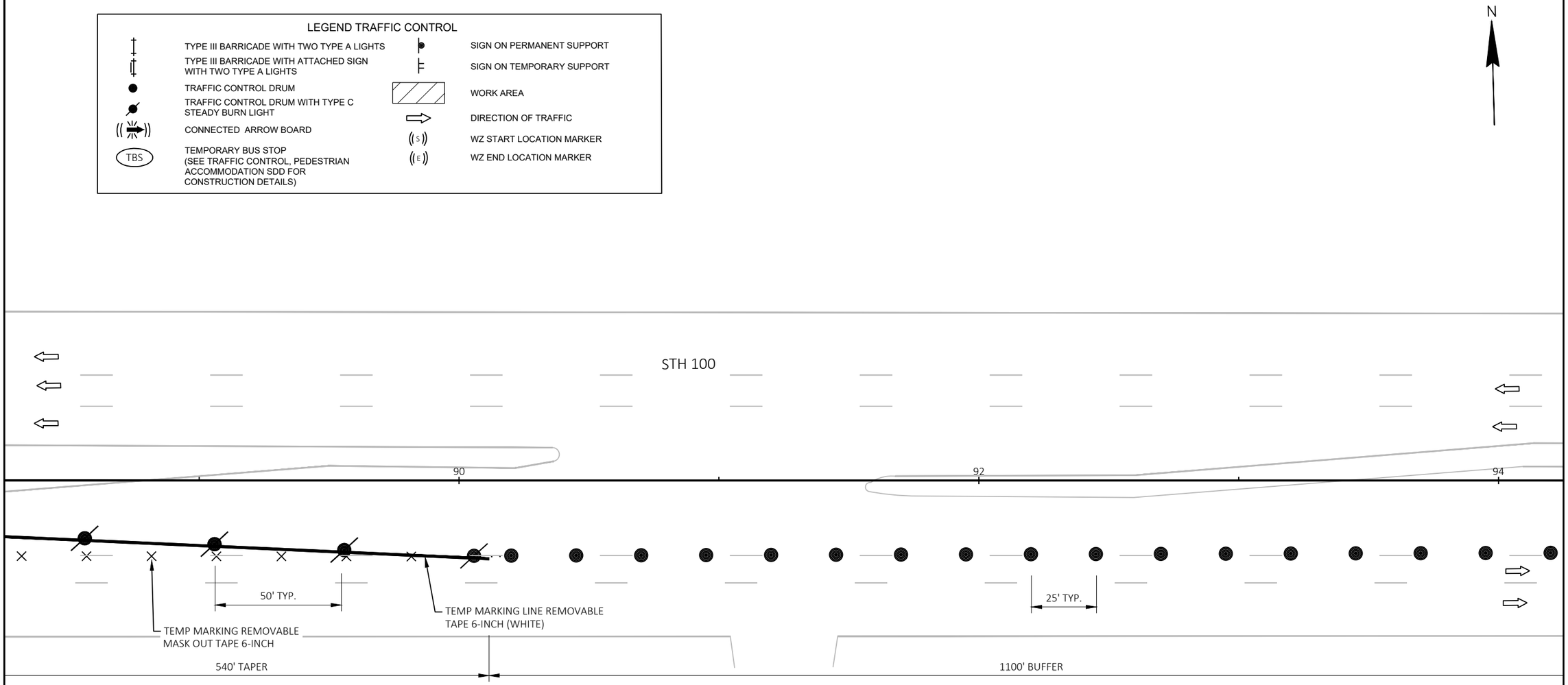
PLOT DATE : 7/28/2026 9:00 AM PLOT BY : JESSICA LEWIS, PE PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND TRAFFIC CONTROL

	TYPE III BARRICADE WITH TWO TYPE A LIGHTS		SIGN ON PERMANENT SUPPORT
	TYPE III BARRICADE WITH ATTACHED SIGN WITH TWO TYPE A LIGHTS		SIGN ON TEMPORARY SUPPORT
	TRAFFIC CONTROL DRUM		WORK AREA
	TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT		DIRECTION OF TRAFFIC
	CONNECTED ARROW BOARD	S	WZ START LOCATION MARKER
TBS	TEMPORARY BUS STOP (SEE TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION SDD FOR CONSTRUCTION DETAILS)	E	WZ END LOCATION MARKER

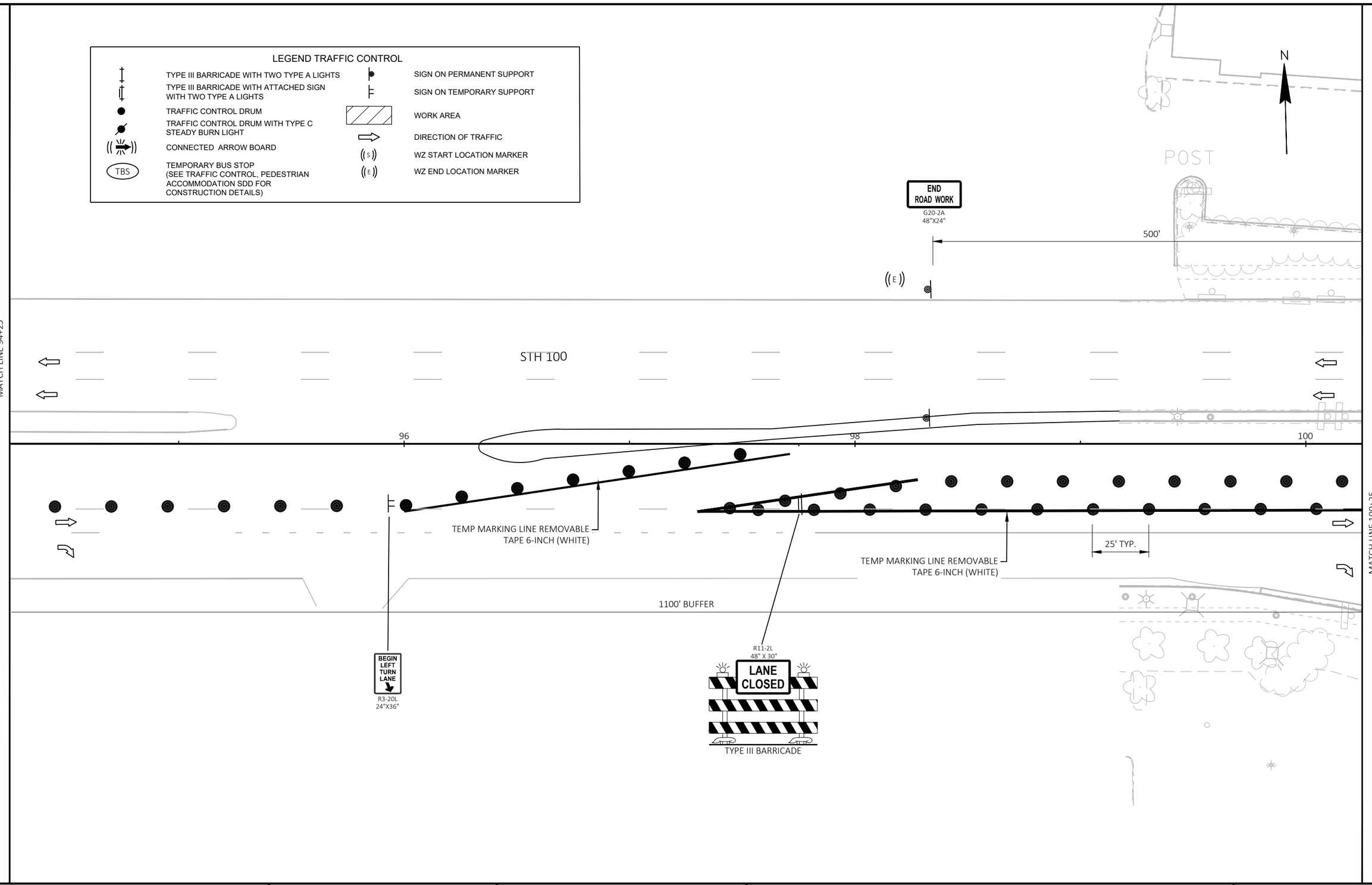


PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 3B	SHEET 109	E

2

LEGEND TRAFFIC CONTROL

TYPE III BARRICADE WITH TWO TYPE A LIGHTS	SIGN ON PERMANENT SUPPORT
TYPE III BARRICADE WITH ATTACHED SIGN WITH TWO TYPE A LIGHTS	SIGN ON TEMPORARY SUPPORT
TRAFFIC CONTROL DRUM	WORK AREA
TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT	DIRECTION OF TRAFFIC
CONNECTED ARROW BOARD	WZ START LOCATION MARKER
TEMPORARY BUS STOP (SEE TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION SDD FOR CONSTRUCTION DETAILS)	WZ END LOCATION MARKER



PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 3B	SHEET 110 E

2

2

LEGEND TRAFFIC CONTROL

- TYPE III BARRICADE WITH TWO TYPE A LIGHTS
- TYPE III BARRICADE WITH ATTACHED SIGN WITH TWO TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- CONNECTED ARROW BOARD
- TEMPORARY BUS STOP (SEE TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION SDD FOR CONSTRUCTION DETAILS)
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- WORK AREA
- DIRECTION OF TRAFFIC
- WZ START LOCATION MARKER
- WZ END LOCATION MARKER

N

COORDINATE TRAFFIC CONTROL WITH STH 38 PROJECT 2060-20-70

500'

R11-2L 48" X 30"
LANE CLOSED
TYPE III BARRICADE

R3-2 24"X24"

STH 100

MATCH LINE 100+25

102

104

106

15' TYP.

100' TYP.

25' TYP.

TEMP MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)

1100' BUFFER

STH 38

R11-2L 48" X 30"
LANE CLOSED
TYPE III BARRICADE

CANOPY

MATCH LINE 106+25

PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 3B	SHEET 111	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\2040-23-00_STH 100_MILWAUKEE CO\500_CADD\501_C3D_2022\20402300\SHEETS\026302-TCS3B.DWG
LAYOUT NAME - 05
PLOT DATE : 7/28/2026 9:00 AM
PLOT BY : JESSICA LEWIS, PE
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

LEGEND TRAFFIC CONTROL

- TYPE III BARRICADE WITH TWO TYPE A LIGHTS
- TYPE III BARRICADE WITH ATTACHED SIGN WITH TWO TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- CONNECTED ARROW BOARD
- TBS — TEMPORARY BUS STOP (SEE TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION SDD FOR CONSTRUCTION DETAILS)
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- WORK AREA
- DIRECTION OF TRAFFIC
- (S) WZ START LOCATION MARKER
- (E) WZ END LOCATION MARKER

N

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

MATCH LINE 106+25

STH 100

108

110

112

100' TYP.

A/C

W

MATCH LINE 112+25

2

PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 3B	SHEET 112	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\2040-23-00_STH 100_MILWAUKEE CO\500_CADD\501_C3D_2022\20402300\SHEETS\026302-TCS3B.DWG
LAYOUT NAME - 06
PLOT DATE : 7/28/2026 9:01 AM
PLOT BY : JESSICA LEWIS, PE
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

2

LEGEND TRAFFIC CONTROL

TYPE III BARRICADE WITH TWO TYPE A LIGHTS	SIGN ON PERMANENT SUPPORT
TYPE III BARRICADE WITH ATTACHED SIGN WITH TWO TYPE A LIGHTS	SIGN ON TEMPORARY SUPPORT
TRAFFIC CONTROL DRUM	WORK AREA
TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT	DIRECTION OF TRAFFIC
CONNECTED ARROW BOARD	WZ START LOCATION MARKER
TEMPORARY BUS STOP (SEE TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION SDD FOR CONSTRUCTION DETAILS)	WZ END LOCATION MARKER

N

MATCH LINE 112+25

STH 100

114

116

118

100' TYP.

R11-2L
48" X 30"

LANE CLOSED

TYPE III BARRICADE

CANOPY

MATCH LINE 118+25

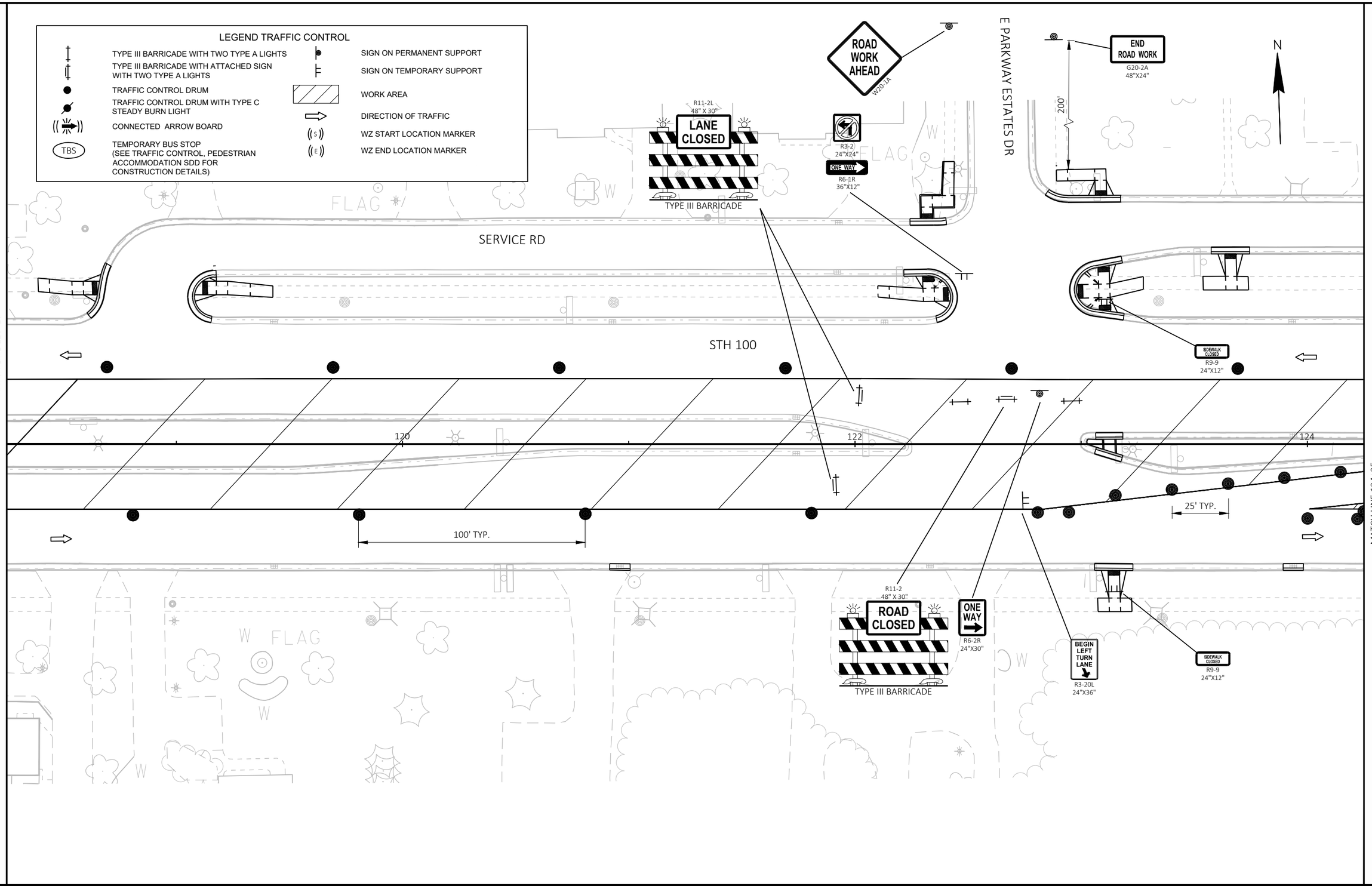
PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 3B	SHEET 113	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\2040-23-00_STH 100_MILWAUKEE CO\500_CADD\501_C3D_2022\20402300\SHEETS\026302-TCS3B.DWG
LAYOUT NAME - 07

PLOT DATE : 7/28/2026 9:01 AM PLOT BY : JESSICA LEWIS, PE PLOT NAME : PLOT SCALE : 1 IN:40 FT

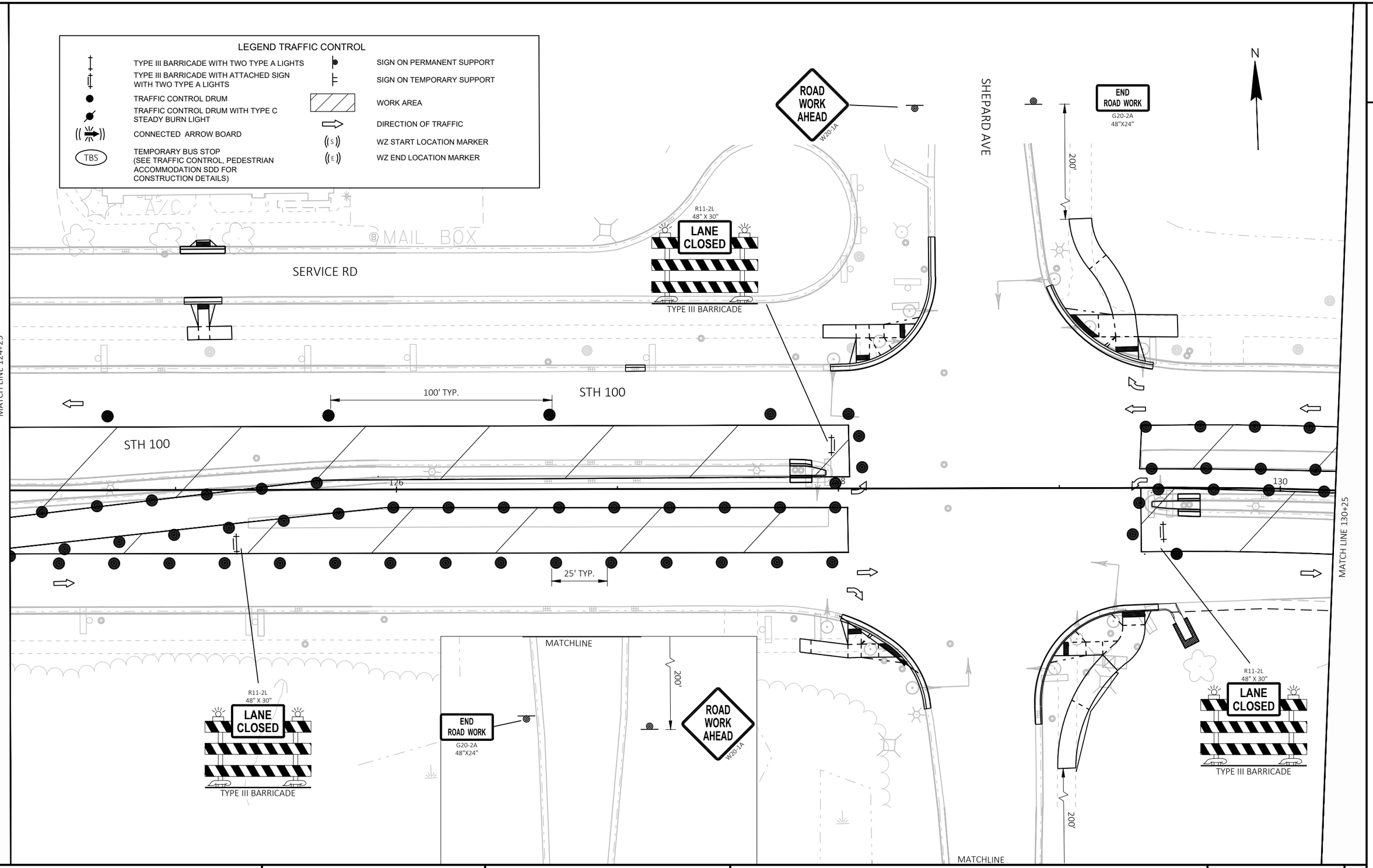
LEGEND TRAFFIC CONTROL

- TYPE III BARRICADE WITH TWO TYPE A LIGHTS
- TYPE III BARRICADE WITH ATTACHED SIGN WITH TWO TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- CONNECTED ARROW BOARD
- TEMPORARY BUS STOP (SEE TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION SDD FOR CONSTRUCTION DETAILS) — TBS
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- WORK AREA
- DIRECTION OF TRAFFIC
- WZ START LOCATION MARKER — S
- WZ END LOCATION MARKER — E



LEGEND TRAFFIC CONTROL

- TYPE III BARRICADE WITH TWO TYPE A LIGHTS
- TYPE III BARRICADE WITH ATTACHED SIGN WITH TWO TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- CONNECTED ARROW BOARD
- TEMPORARY BUS STOP (SEE TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION SDD FOR CONSTRUCTION DETAILS)
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- WORK AREA
- DIRECTION OF TRAFFIC
- WZ START LOCATION MARKER
- WZ END LOCATION MARKER



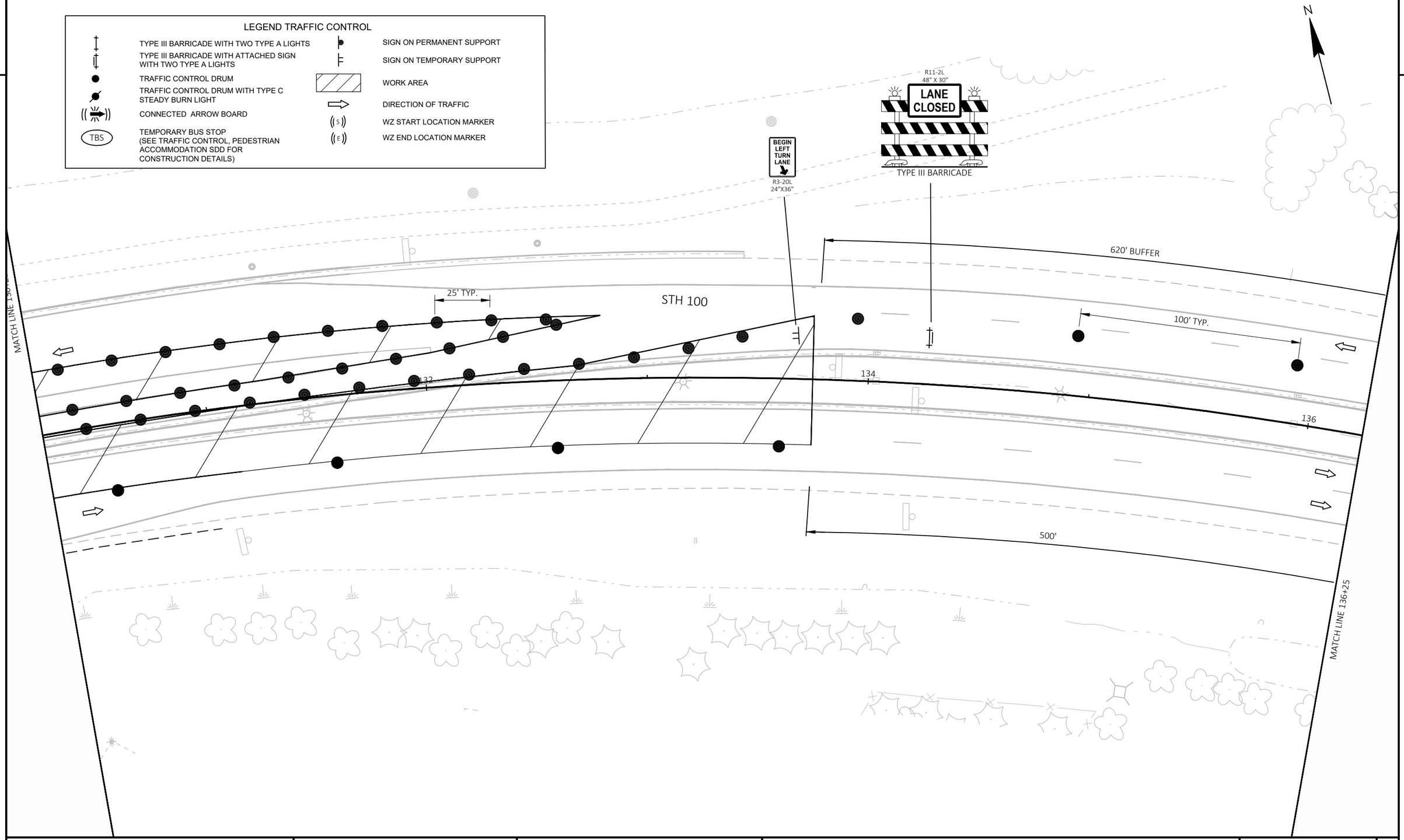
PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 3B	SHEET 115	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\2040-23-00_STH 100_MILWAUKEE CO\500_CADD\501_C3D_2022\20402300\SHEETS\026302-TCS3B.DWG
LAYOUT NAME - 09
PLOT DATE : 7/28/2026 9:01 AM
PLOT BY : JESSICA LEWIS, PE
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

LEGEND TRAFFIC CONTROL

- TYPE III BARRICADE WITH TWO TYPE A LIGHTS
- TYPE III BARRICADE WITH ATTACHED SIGN WITH TWO TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- CONNECTED ARROW BOARD
- TBS — TEMPORARY BUS STOP (SEE TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION SDD FOR CONSTRUCTION DETAILS)
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- WORK AREA
- DIRECTION OF TRAFFIC
- WZ START LOCATION MARKER
- WZ END LOCATION MARKER



PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 3B	SHEET 116	E

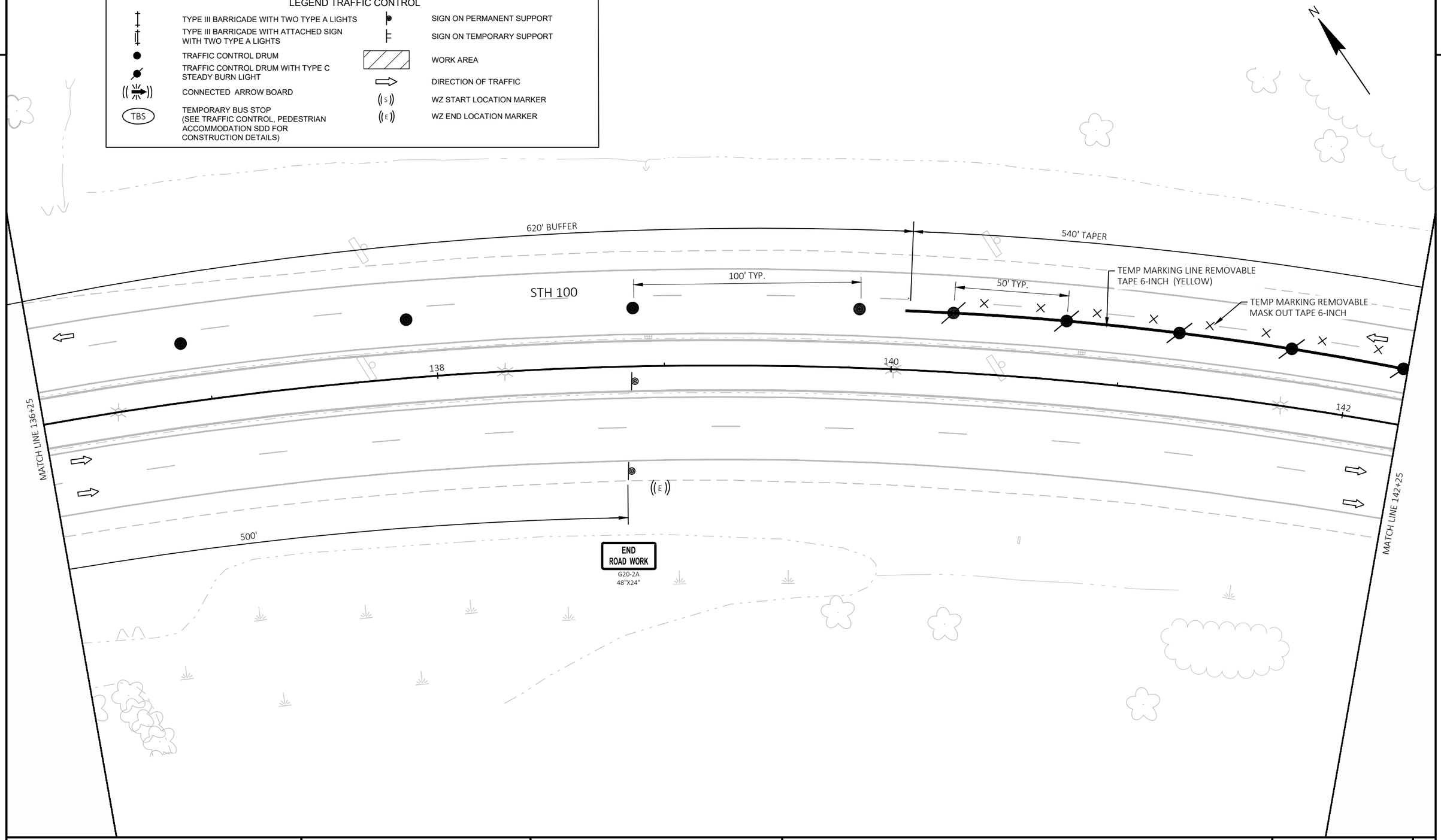
FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\2040-23-00_STH 100_MILWAUKEE CO\500_CADD\501_C3D_2022\20402300\SHEETS\026302-TCS3B.DWG
LAYOUT NAME - 10

PLOT DATE : 7/28/2026 9:01 AM PLOT BY : JESSICA LEWIS, PE PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND TRAFFIC CONTROL

- TYPE III BARRICADE WITH TWO TYPE A LIGHTS
- TYPE III BARRICADE WITH ATTACHED SIGN WITH TWO TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- CONNECTED ARROW BOARD
- TEMPORARY BUS STOP (SEE TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION SDD FOR CONSTRUCTION DETAILS) — TBS
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- WORK AREA
- DIRECTION OF TRAFFIC
- WZ START LOCATION MARKER (S)
- WZ END LOCATION MARKER (E)

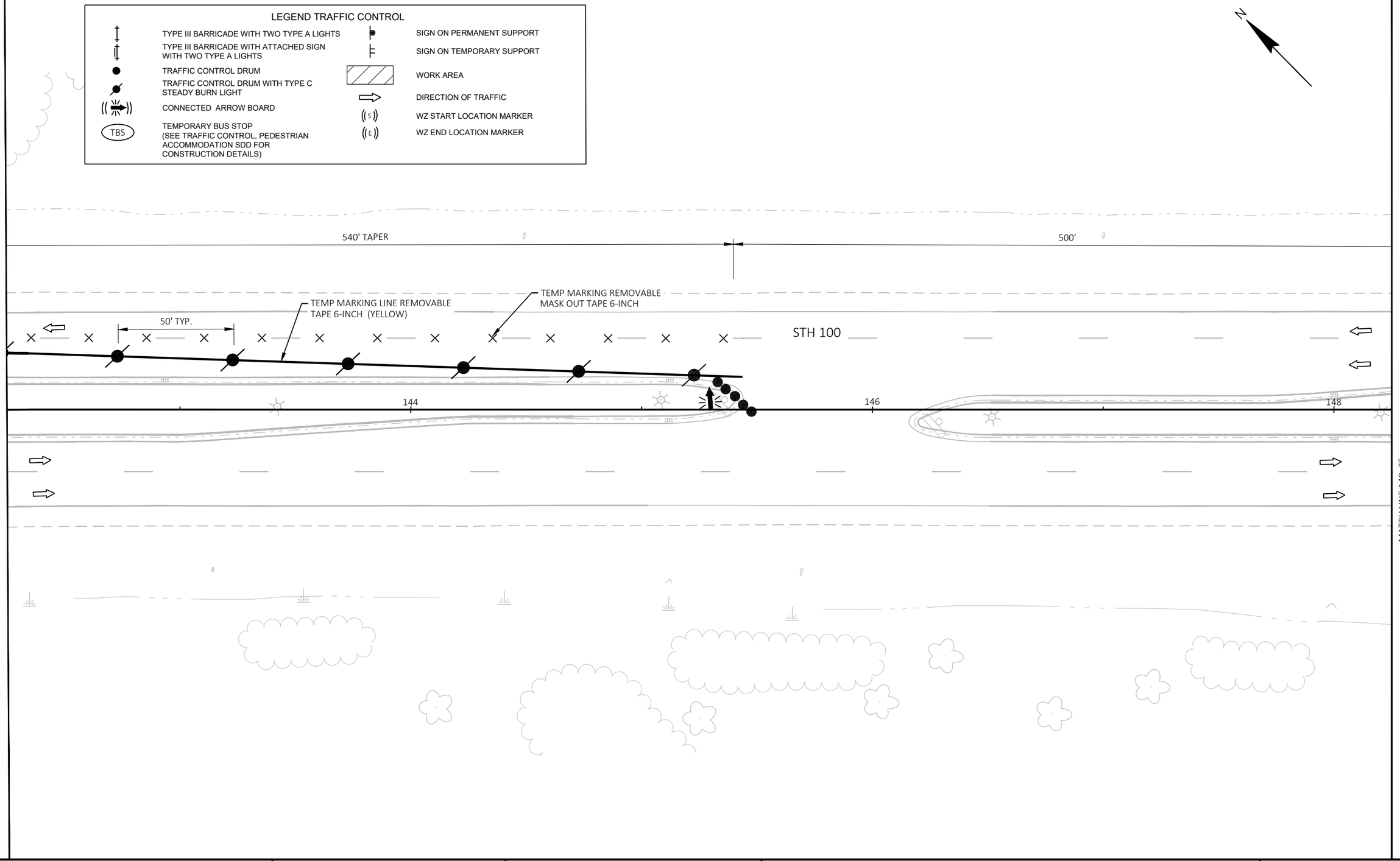


PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 3B	SHEET 117	E

2

LEGEND TRAFFIC CONTROL

- TYPE III BARRICADE WITH TWO TYPE A LIGHTS
- TYPE III BARRICADE WITH ATTACHED SIGN WITH TWO TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- CONNECTED ARROW BOARD
- TBS — TEMPORARY BUS STOP (SEE TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION SDD FOR CONSTRUCTION DETAILS)
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- WORK AREA
- DIRECTION OF TRAFFIC
- WZ START LOCATION MARKER
- WZ END LOCATION MARKER

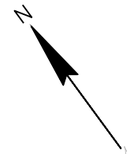


PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 3B	SHEET 118	E

2

LEGEND TRAFFIC CONTROL

TYPE III BARRICADE WITH TWO TYPE A LIGHTS	SIGN ON PERMANENT SUPPORT
TYPE III BARRICADE WITH ATTACHED SIGN WITH TWO TYPE A LIGHTS	SIGN ON TEMPORARY SUPPORT
TRAFFIC CONTROL DRUM	WORK AREA
TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT	DIRECTION OF TRAFFIC
CONNECTED ARROW BOARD	WZ START LOCATION MARKER
TEMPORARY BUS STOP (SEE TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION SDD FOR CONSTRUCTION DETAILS)	WZ END LOCATION MARKER



MATCH LINE 148+25

500'

500'

STH 100

150

152

154

MATCH LINE 154+25

PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 3B	SHEET 119	E

2

2

LEGEND TRAFFIC CONTROL

- TYPE III BARRICADE WITH TWO TYPE A LIGHTS
- TYPE III BARRICADE WITH ATTACHED SIGN WITH TWO TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- CONNECTED ARROW BOARD
- TBS — TEMPORARY BUS STOP (SEE TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION SDD FOR CONSTRUCTION DETAILS)
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- WORK AREA
- DIRECTION OF TRAFFIC
- WZ START LOCATION MARKER
- WZ END LOCATION MARKER

MATCH LINE 154+25

LEFT LANE CLOSED AHEAD
W20-5SA

500'

500'

ROAD WORK AHEAD
W20-1A

S NICHOLSON RD

N

STH 100

156

158

160

PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 3B	SHEET 120	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\2040-23-00_STH 100_MILWAUKEE CO\500_CADD\501_C3D_2022\20402300\SHEETS\026302-TCS3B.DWG
LAYOUT NAME - 14

PLOT DATE : 7/28/2026 9:00 AM PLOT BY : JESSICA LEWIS, PE PLOT NAME : PLOT SCALE : 1 IN:40 FT

2040-23-70

Line	Item	Item Description	Unit	Total	Qty
0002	108.4400	CPM Progress Schedule	EACH	0.200	0.200
0006	204.0100	Removing Concrete Pavement	SY	640.000	640.000
0008	204.0110	Removing Asphaltic Surface	SY	1,038.000	1,038.000
0010	204.0115	Removing Asphaltic Surface Butt Joints	SY	82.000	82.000
0012	204.0120	Removing Asphaltic Surface Milling	SY	29,700.000	29,700.000
0016	204.0150	Removing Curb & Gutter	LF	664.000	664.000
0018	204.0155	Removing Concrete Sidewalk	SY	330.000	330.000
0022	204.0190	Removing Surface Drains	EACH	1.000	1.000
0024	204.0195	Removing Concrete Bases	EACH	15.000	15.000
0026	204.0220	Removing Inlets	EACH	1.000	1.000
0038	204.0245	Removing Storm Sewer (size) 06. 24-Inch	LF	47.000	47.000
0040	204.9060.S	Removing (item description) 01. Removing Traffic Signals STH 100 & Shepard	EACH	1.000	1.000
0042	204.9060.S	Removing (item description) 02. Removing Loop Detector Wire and Lead-In Cable STH 100 & Shepard	EACH	1.000	1.000
0066	211.0101	Prepare Foundation for Asphaltic Paving (project) 01. 2040-23-70	EACH	1.000	1.000
0070	213.0100	Finishing Roadway (project) 01. 2040-23-70	EACH	1.000	1.000
0074	305.0110	Base Aggregate Dense 3/4-Inch	TON	7.000	7.000
0078	310.0110	Base Aggregate Open-Graded	TON	120.000	120.000
0086	416.0610	Drilled Tie Bars	EACH	110.000	110.000
0096	455.0605	Tack Coat	GAL	4,440.000	4,440.000
0102	460.2000	Incentive Density HMA Pavement	DOL	4,800.000	4,800.000
0110	460.6425	HMA Pavement 5 MT 58-28 H	TON	7,360.000	7,360.000
0112	465.0105	Asphaltic Surface	TON	240.000	240.000
0114	465.0110	Asphaltic Surface Patching	TON	76.000	76.000
0142	601.0553	Concrete Curb & Gutter 4-Inch Sloped 36-Inch Type D	LF	704.000	704.000
0146	601.0600	Concrete Curb Pedestrian	LF	65.000	65.000
0148	602.0410	Concrete Sidewalk 5-Inch	SF	3,294.000	3,294.000
0150	602.0505	Curb Ramp Detectable Warning Field Yellow	SF	232.000	232.000
0152	602.0605	Curb Ramp Detectable Warning Field Radial Yellow	SF	49.000	49.000
0154	602.3010	Concrete Surface Drains	CY	1.000	1.000
0166	608.0424	Storm Sewer Pipe Reinforced Concrete Class IV 24-Inch	LF	45.000	45.000
0168	611.0627	Inlet Covers Type HM	EACH	3.000	3.000
0182	611.8115	Adjusting Inlet Covers	EACH	7.000	7.000
0200	618.0100	Maintenance and Repair of Haul Roads (project) 01. 2040-23-70	EACH	1.000	1.000
0204	619.1000	Mobilization	EACH	0.200	0.200
0210	624.0100	Water	MGAL	1.000	1.000
0214	628.1504	Silt Fence	LF	114.000	114.000
0216	628.1520	Silt Fence Maintenance	LF	114.000	114.000
0218	628.1530.S	Silt Fence Heavy Duty	LF	149.000	149.000
0220	628.1535.S	Silt Fence Heavy Duty Maintenance	LF	149.000	149.000
0222	628.1905	Mobilizations Erosion Control	EACH	8.000	8.000
0224	628.1910	Mobilizations Emergency Erosion Control	EACH	3.000	3.000
0232	628.7015	Inlet Protection Type C	EACH	59.000	59.000
0234	628.7020	Inlet Protection Type D	EACH	30.000	30.000
0240	631.0300	Sod Water	MGAL	0.100	0.100
0244	631.1100	Sod Erosion Control	SY	5.000	5.000
0246	634.0618	Posts Wood 4x6-Inch x 18-FT	EACH	66.000	66.000
0248	634.0812	Posts Tubular Steel 2x2-Inch x 12-FT	EACH	1.000	1.000
0252	637.2210	Signs Type II Reflective H	SF	809.720	809.720

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Line	Item	Item Description	Unit	Total	Qty
0254	637.2215	Signs Type II Reflective H Folding	SF	44.760	44.760
0256	637.2230	Signs Type II Reflective F	SF	135.250	135.250
0258	638.2602	Removing Signs Type II	EACH	79.000	79.000
0260	638.3000	Removing Small Sign Supports	EACH	63.000	63.000
0262	642.5401	Field Office Type D	EACH	0.200	0.200
0264	643.0300	Traffic Control Drums	DAY	28,670.000	28,670.000
0266	643.0420	Traffic Control Barricades Type III	DAY	1,950.000	1,950.000
0268	643.0500	Traffic Control Flexible Tubular Marker Posts	EACH	95.000	95.000
0270	643.0600	Traffic Control Flexible Tubular Marker Bases	EACH	95.000	95.000
0272	643.0705	Traffic Control Warning Lights Type A	DAY	3,900.000	3,900.000
0274	643.0715	Traffic Control Warning Lights Type C	DAY	4,120.000	4,120.000
0276	643.0810	Traffic Control Connected Arrow Boards	DAY	313.000	313.000
0278	643.0900	Traffic Control Signs	DAY	6,630.000	6,630.000
0280	643.0920	Traffic Control Covering Signs Type II	EACH	8.000	8.000
0284	643.1050	Traffic Control Signs PCMS	DAY	18.000	18.000
0288	643.1220	Traffic Control Connected Work Zone Start and End Location Markers	DAY	180.000	180.000
0292	643.3165	Temporary Marking Line Paint 6-Inch	LF	21,530.000	21,530.000
0294	643.3180	Temporary Marking Line Removable Tape 6-Inch	LF	10,575.000	10,575.000
0300	643.3960	Temporary Marking Removable Mask Out Tape 6-Inch	LF	6,270.000	6,270.000
0304	643.5000	Traffic Control	EACH	0.200	0.200
0306	644.1410	Temporary Pedestrian Surface Asphalt	SF	190.000	190.000
0308	644.1440	Temporary Pedestrian Surface Matting	SF	699.000	699.000
0310	644.1601	Temporary Pedestrian Curb Ramp	DAY	900.000	900.000
0312	644.1605	Temporary Pedestrian Detectable Warning Field	SF	313.000	313.000
0314	644.1810	Temporary Pedestrian Barricade	LF	2,305.000	2,305.000
0316	644.1900.S	Temporary Audible Message Devices	DAY	1,050.000	1,050.000
0320	645.0130	Geotextile Type R	SY	10.000	10.000
0322	646.1020	Marking Line Epoxy 4-Inch	LF	422.000	422.000
0324	646.2025	Marking Line Grooved Black Epoxy 6-Inch	LF	3,070.000	3,070.000
0326	646.2040	Marking Line Grooved Wet Ref Epoxy 6-Inch	LF	13,398.000	13,398.000
0328	646.3020	Marking Line Epoxy 8-Inch	LF	115.000	115.000
0330	646.4040	Marking Line Grooved Wet Ref Epoxy 10-Inch	LF	3,165.000	3,165.000
0332	646.5020	Marking Arrow Epoxy	EACH	16.000	16.000
0334	646.5120	Marking Word Epoxy	EACH	2.000	2.000
0336	646.6120	Marking Stop Line Epoxy 18-Inch	LF	239.000	239.000
0338	646.7120	Marking Diagonal Epoxy 12-Inch	LF	1,543.000	1,543.000
0340	646.7420	Marking Crosswalk Epoxy Transverse Line 6-Inch	LF	1,061.000	1,061.000
0344	646.8120	Marking Curb Epoxy	LF	240.000	240.000
0346	646.8220	Marking Island Nose Epoxy	EACH	6.000	6.000
0348	646.9010	Marking Removal Line Water Blasting 4-Inch	LF	3,491.000	3,491.000
0358	646.9310	Marking Removal Special Marking Water Blasting	EACH	4.000	4.000
0360	650.4000	Construction Staking Storm Sewer	EACH	1.000	1.000
0362	650.5500	Construction Staking Curb Gutter and Curb & Gutter	LF	619.000	619.000
0364	650.8000	Construction Staking Resurfacing Reference	LF	5,800.000	5,800.000
0366	650.8501	Construction Staking Electrical Installations (project) 01. 2040-23-70	EACH	1.000	1.000
0370	650.9000	Construction Staking Curb Ramps	EACH	23.000	23.000
0372	650.9500	Construction Staking Sidewalk (project) 01. 2040-23-70	EACH	1.000	1.000
0376	650.9911	Construction Staking Supplemental Control (project) 01. 2040-23-70	EACH	1.000	1.000
0380	652.0225	Conduit Rigid Nonmetallic Schedule 40 2-Inch	LF	985.000	985.000

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Line	Item	Item Description	Unit	Total	Qty
0382	652.0235	Conduit Rigid Nonmetallic Schedule 40 3-Inch	LF	820.000	820.000
0384	652.0605	Conduit Special 2-Inch	LF	145.000	145.000
0386	652.0615	Conduit Special 3-Inch	LF	710.000	710.000
0388	652.0800	Conduit Loop Detector	LF	1,466.000	1,466.000
0390	653.0135	Pull Boxes Steel 24x36-Inch	EACH	5.000	5.000
0392	653.0140	Pull Boxes Steel 24x42-Inch	EACH	12.000	12.000
0394	653.0905	Removing Pull Boxes	EACH	17.000	17.000
0396	654.0101	Concrete Bases Type 1	EACH	7.000	7.000
0398	654.0102	Concrete Bases Type 2	EACH	3.000	3.000
0400	654.0110	Concrete Bases Type 10	EACH	1.000	1.000
0402	654.0120	Concrete Bases Type 10-Special	EACH	3.000	3.000
0404	654.0217	Concrete Control Cabinet Bases Type 9 Special	EACH	1.000	1.000
0406	655.0230	Cable Traffic Signal 5-14 AWG	LF	473.000	473.000
0408	655.0240	Cable Traffic Signal 7-14 AWG	LF	1,551.000	1,551.000
0410	655.0260	Cable Traffic Signal 12-14 AWG	LF	2,645.000	2,645.000
0412	655.0305	Cable Type UF 2-12 AWG Grounded	LF	860.000	860.000
0414	655.0515	Electrical Wire Traffic Signals 10 AWG	LF	2,615.000	2,615.000
0416	655.0610	Electrical Wire Lighting 12 AWG	LF	745.000	745.000
0418	655.0700	Loop Detector Lead In Cable	LF	3,796.000	3,796.000
0420	655.0800	Loop Detector Wire	LF	5,540.000	5,540.000
0422	655.0900	Traffic Signal EVP Detector Cable	LF	1,285.000	1,285.000
0424	656.0201	Electrical Service Meter Breaker Pedestal (location) 01. STH 100 & Shepard	EACH	1.000	1.000
0426	657.0100	Pedestal Bases	EACH	7.000	7.000
0428	657.0255	Transformer Bases Breakaway 11 1/2-Inch Bolt Circle	EACH	3.000	3.000
0430	657.0310	Poles Type 3	EACH	3.000	3.000
0432	657.0425	Traffic Signal Standards Aluminum 15-FT	EACH	3.000	3.000
0434	657.0430	Traffic Signal Standards Aluminum 10-FT	EACH	4.000	4.000
0436	657.0609	Luminaire Arms Single Member 4-Inch Clamp 6-FT	EACH	5.000	5.000
0438	658.0173	Traffic Signal Face 3S 12-Inch	EACH	12.000	12.000
0440	658.0174	Traffic Signal Face 4S 12-Inch	EACH	10.000	10.000
0442	658.0416	Pedestrian Signal Face 16-Inch	EACH	8.000	8.000
0444	658.0500	Pedestrian Push Buttons	EACH	8.000	8.000
0446	658.5070	Signal Mounting Hardware (location) 01. STH 100 & Shepard	EACH	1.000	1.000
0450	659.1125	Luminaires Utility LED C	EACH	6.000	6.000
0452	659.5000.S	Lamp, Ballast, LED, Switch Disposal by Contractor	EACH	25.000	25.000
0454	690.0150	Sawing Asphalt	LF	3,010.000	3,010.000
0456	690.0250	Sawing Concrete	LF	254.000	254.000
0458	740.0440	Incentive IRI Ride	DOL	4,610.000	4,610.000
0460	ASP.1T0A	On-the-Job Training Apprentice at $5.00/HR	HRS	7,000.000	7,000.000
0462	ASP.1T0G	On-the-Job Training Graduate at $5.00/HR	HRS	9,600.000	9,600.000
0472	SPV.0060	Special 05. Temporary Bus Stop	EACH	4.000	4.000
0474	SPV.0060	Special 06. Section Corner Monuments	EACH	1.000	1.000
0478	SPV.0060	Special 08. Resetting Apron Endwall	EACH	2.000	2.000
0480	SPV.0060	Special 09. Tuck Point Storm Sewer Structure	EACH	9.000	9.000
0484	SPV.0060	Special 11. Curb Ramp Grading, Shaping, and Finishing	EACH	15.000	15.000
0504	SPV.0060	Special 50. Install Type 9 Pole	EACH	1.000	1.000
0506	SPV.0060	Special 51. Install Type 9 Special Pole	EACH	2.000	2.000
0508	SPV.0060	Special 52. Install Type 10 Special Pole	EACH	1.000	1.000
0514	SPV.0060	Special 55. Install Monotube Arms 30-Ft	EACH	1.000	1.000

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Line	Item	Item Description	Unit	Total	Qty
0516	SPV.0060	Special 56. Install Monotube Arms 35-Ft Special	EACH	1.000	1.000
0520	SPV.0060	Special 58. Install Monotube Arms 45-Ft Special	EACH	2.000	2.000
0522	SPV.0060	Special 59. Install Luminaire Arms Steel 15-Ft	EACH	1.000	1.000
0524	SPV.0060	Special 60. Transport & Install State Furnished Traffic Signal Cabinet STH 100 & Shepard	EACH	1.000	1.000
0526	SPV.0060	Special 61. Transport Traffic Signal & Intersection Lighting Materials STH 100 & Shepard	EACH	1.000	1.000
0530	SPV.0060	Special 63. Transport and Install State Furnished EVP Detector Heads STH 100 & Shepard	EACH	1.000	1.000
0562	SPV.0195	Special 01. Asphaltic Repair	TON	158.000	158.000

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ASPHALT REMOVALS

CATEGORY	STAGE	ROADWAY	STATION	TO	STATION	O/S	204.0110 REMOVING ASPHALTIC SURFACE SY	204.0115 REMOVING ASPHALTIC SURFACE BUTT JOINTS SY	204.0120 REMOVING ASPHALTIC SURFACE MILLING SY
0010									
	2	STH 100	103+35	-	133+75	LT/RT	770	65	16,700
		BIKE PATHWAY	128+99	-	129+54	LT/RT	87	--	--
		SHEPARD AVE LOOPS	128+54	-	128+79	LT/RT	11	--	--
		SUBTOTAL					868	65	16,700
	3	STH 100	103+35	-	133+75	LT/RT	170	17	13,000
		TOTAL					1038	82	29,700

CONCRETE REMOVALS

CATEGORY	STAGE	ROADWAY	STATION	TO	STATION	O/S	204.0100 REMOVING CONCRETE PAVEMENT SY	204.0150 REMOVING CURB & GUTTER LF	204.0155 REMOVING CONCRETE SIDEWALK SY
0010									
	1	STH 100	103+35	-	133+75	LT/RT	--	--	--
		MEDIANS	103+35	-	133+75	LT/RT	640	--	
		SUBTOTAL					640	--	--
	2	STH 100	103+35	-	133+75	LT/RT	--	600	310
		MEDIANS	103+35	-	133+75	LT/RT	--	--	
		SUBTOTAL					--	600	310
	3	STH 100	103+35	-	133+75	LT/RT	--	64	20
		TOTAL					640	664	330

REMOVING MISCELLANEOUS STRUCTURES

CATEGORY	STAGE	ROADWAY	STATION	O/S	204.0190 REMOVING SURFACE DRAINS EA	204.0220 REMOVING INLETS EACH
0010						
	2	STH 100	128+30	75.3' RT	--	1
			129+49	57.3' RT	1	--
		SUBTOTAL			1	1
		TOTAL			1	1

REMOVING STORM SEWER

CATEGORY	STAGE	ROADWAY	STATION	TO	STATION	O/S	204.0245 REMOVING STORM SEWER 24-INCH LF	COMMENTS
0010								
	2	STH 100	128+01	-	128+30	RT	36	RCP
			128+30	-	128+36	RT	11	RCP
		SUBTOTAL					47	
		TOTAL					47	

BASE AGGREGATE ITEMS

CATEGORY	STAGE	ROADWAY	STATION	TO	STATION	O/S	305.0110 BASE AGGREGATE DENSE 3/4-INCH TON	310.0110 BASE AGGREGATE OPEN-GRADED TON	624.0100 WATER MGAL
0010									
	1	MEDIANS	103+35	-	133+75	LT/RT	--	120	1
	2	STH 100	103+35	-	133+75	LT/RT	7	--	1
		TOTAL					7	120	1

ASPHALTIC PAVING

CATEGORY	STAGE	ROADWAY	STATION	TO	STATION	LOCATION	211.0101 PREPARE FOUNDATION FOR ASPHALTIC PAVING (2040-23-70) EACH	455.0605 TACK COAT GAL	460.6425 HMA PAVEMENT 5 MT 58-28 H TON	465.0105 ASPHALTIC SURFACE TON	465.0110 ASPHALTIC SURFACE PATCHING TON	SPV.0195.01 ASPHALTIC REPAIR TON	REMARKS
0010													
	1	STH 100	103+35	-	133+75	MEDIANS	1	--	--	87	1	--	MINOR REPAIR PRIOR TO OVERLAY
	2	STH 100	103+35	-	133+75	LT/RT	--	2,560	4,200	104	43	--	MINOR REPAIR PRIOR TO OVERLAY
		BIKE PATHWAY	128+99	-	129+54	LT/RT	--	--	--	23	--	--	--
		SHEPARD AVE LOOPS	128+54	-	128+79	LT/RT	--	10	--	4	--	--	--
		SUBTOTAL						2,570	4,200	131	43	--	
	3	STH 100	103+35	-	133+75	LT/RT	--	1,870	3,160	22	32	--	MINOR REPAIR PRIOR TO OVERLAY
		UNDISTRIBUTED					--	--	--	--	--	158	
		TOTAL					1	4,440	7,360	240	76	158	

CONCRETE ITEMS

CATEGORY	STAGE	ROADWAY	STATION	O/S	416.0610 DRILLED TIE BARS EA	602.3010 CONCRETE SURFACE DRAINS CY	631.0300 SOD WATER MGAL	631.1100 SOD EROSION CONTROL SY	645.0130 GEOTEXTILE TYPE R SY
0010									
	2	STH 100	129+51	55' RT	18	1	0.1	5	10
		TOTAL			18 *	1	0.1	5	10

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE IN PLAN. SEE ADJUSTING INLET COVERS MISCELLANEOUS QUANTITIES TABLE.

CONCRETE CURB & GUTTER ITEMS

CATEGORY	STAGE	ROADWAY	STATION	TO	STATION	O/S	416.0610 DRILLED TIE BARS EA	601.0600 CONCRETE CURB PEDESTRIAN LF	601.0553 CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE D LF
0010									
	2	STH 100	103+35	-	133+75	LT/RT	56	55	640
	3	STH 38	103+35	-	133+75	LT/RT	8	10	64
		TOTAL					64 *	65	704

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE IN PLAN. SEE CONCRETE ITEMS MISCELLANEOUS QUANTITIES TABLE.

CONCRETE SIDEWALK

CATEGORY	STAGE	ROADWAY	STATION	TO	STATION	O/S	602.0410 CONCRETE SIDEWALK 5-INCH SF	602.0505 CURB RAMP DETECTABLE WARNING FIELD YELLOW SF	602.0605 CURB RAMP DETECTABLE WARNING FIELD RADIAL YELLOW SF
0010									
	2	STH 100	103+35	-	133+75	LT/RT	3,110	232	49
	3	STH 100	103+35	-	133+75	LT/RT	184	--	--
		TOTAL					3,294	232	49

STORM SEWER

CATEGORY	STAGE	ROADWAY	LOCATION FROM	TO	O/S	608.0424 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 24-INCH LF
0010						
	2	STH 100	132	134	RT	45
		TOTAL				45

ADJUSTING INLET COVERS

CATEGORY	STAGE	ROADWAY	STATION	O/S	416.0610 DRILLED TIE BARS EA	611.0627 INLET COVERS TYPE HM EA	611.8115 ADJUSTING INLET COVERS EA	SPV.0060.09 TUCK POINT STORM SEWER STRUCTURE EA
0010								
	2	STH 100	104+43	54' RT	--	--	--	1
			106+28	54' RT	--	--	--	1
			108+19	54' RT	4	--	1	--
			111+93	54' RT	--	--	--	1
			111+93	53' LT	--	--	--	1
			113+13	54' RT	--	--	--	1
			114+09	55' RT	--	--	--	1
			116+42	54' LT	--	--	--	1
			117+93	54' RT	4	--	1	--
			117+95	54' LT	--	--	--	1
			120+97	54' LT	4	--	1	--
			122+34	54' RT	--	1	--	--
			123+93	54' RT	4	1	1	--
			126+89	55' LT	--	--	--	1
			127+07	54' LT	4	1	1	--
			128+38	83' RT	4	--	1	--
			128+90	102' RT	4	--	1	--
		SUBTOTAL			28	3	7	9
		TOTAL			28 *	3	7	9

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE IN PLAN. SEE CONCRETE ITEMS MISCELLANEOUS QUANTITIES TABLE.

EROSION CONTROL

CATEGORY	STAGE	ROADWAY	STATION	TO	STATION	O/S	628.1504 SILT FENCE LF	628.1520 SILT FENCE MAINTENANCE LF	628.1905 MOBILIZATIONS EROSION CONTROL EA	628.1910 MOBILIZATIONS EMERGENCY EROSION CONTROL EA	628.7015 INLET PROTECTIOON TYPE C EA	628.7020 INLET PROTECTIOON TYPE D EA	628.1530.S HEAVY DUTY SILT FENCE LF	628.1535.S HEAVY DUTY SILT FENCE MAINTENANCE LF
0010														
	2	STH 100	103+35	-	133+75	LT/RT	91	91	6	2	47	24	119	119
		UNDISTRIBUTED					23	23	2	1	12	6	30	30
		TOTAL					114	114	8	3	59	30	149	149

									PERMANENT SIGNING								
							SIGN SIZE		634.0618	634.0812	637.2210	637.2215	637.2230	638.2602	638.3000		
									POSTS WOOD 4X6-INCH X 18-FT	POSTS TUBULAR STEEL 2X2-INCH X 12-FT	SIGNS TYPE II REFLECTIVE H	SIGNS TYPE II REFLECTIVE H FOLDING	SIGNS TYPE II REFLECTIVE F	REMOVING SIGNS TYPE II	REMOVING SMALL SIGN SUPPORTS	MOUNT ON SAME POST AS SIGN NO.	REMARKS
CATEGORY	STAGE	ROADWAY	SIGN NO.	SIGN CODE	SIGN SIZE	SIGN MESSAGE	W (IN.)	X H (IN.)	EA	EA	SF	SF	SF	EA	EA		
0010																	
	3	STH 100	1-1	J3-1	3		36	X 84	1	--	21.00	--	--	1	1	--	
				M3-1	3	NORTH	36	X 18	--	--	--	--	--	--	--	--	
				M1-6	3	38	36	X 36	--	--	--	--	--	--	--	--	
				M6-1	3	--	30	X 30	--	--	--	--	--	--	--	--	
			1-2	J3-1	3	--	36	X 84	1	--	21.00	--	--	1	1	--	
				M3-3	3	SOUTH	36	X 18	--	--	--	--	--	--	--	--	
				M1-6	3	38	36	X 36	--	--	--	--	--	--	--	--	
				M6-1	3	--	30	X 30	--	--	--	--	--	--	--	--	
			1-3	J4-1	3	--	36	X 54	1	--	13.50	--	--	1	1	--	
				M3-2	3	EAST	36	X 18	--	--	--	--	--	--	--	--	
				M1-6	3	100	36	X 36	--	--	--	--	--	--	--	--	
			1-4	R2-1	3	SPEED LIMIT 45	36	X 48	1	--	12.00	--	--	1	1	--	
			1-5	R2-1	3	SPEED LIMIT 45	36	X 48	1	--	12.00	--	--	1	1	--	
			1-6	R5-1A	3	WRONG WAY	36	X 24	--	--	6.00	--	--	1	--	--	MOUNTED TO ELECTRICAL POST
			1-7			NO THRU TRAFFIC IN CURB LANE	42	X 48	1	--	14.00	--	--	1	1	--	
			1-8			EXCEPT BUSES	42	X 24	--	--	7.00	--	--	1	--	1-7	
			2-1	R7-1D	2M	NO PARKING ANY TIME	24	X 30	1	--	5.00	--	--	1	1	--	
			2-2	R7-1D	2M	NO PARKING ANY TIME	24	X 30	1	--	5.00	--	--	1	1	--	
			2-3	I55-57P	3	ROADSIDE SPONSOR PULASKI H.S. AUTOMOTIVE ASE AYES YAP	72	X 48	1	--	24.00	--	--	1	1	--	
			2-4	R4-7	3	--	36	X 48	1	--	12.00	--	--	1	1	--	MOUNTED TO LIGHT POST
			2-5	J2-2	3	--	72	X 84	2	--	42.00	--	--	1	2	--	
				M3-1	3	NORTH	36	X 18	--	--	--	--	--	--	--	--	
				M1-6	3	38	36	X 36	--	--	--	--	--	--	--	--	
				M5-1L	3	--	30	X 30	--	--	--	--	--	--	--	--	
				M3-3	3	SOUTH	36	X 18	--	--	--	--	--	--	--	--	
				M1-6	3	38	36	X 36	--	--	--	--	--	--	--	--	
				M5-1R	3	--	30	X 30	--	--	--	--	--	--	--	--	
			2-6	R4-7	3	--	36	X 48	1	--	12.00	--	--	1	1	--	
			2-7	R6-2L	3	ONE WAY	36	X 48	1	--	12.00	--	--	1	1	--	
			2-8	J2-2	3	--	72	X 84	2	--	42.00	--	--	1	2	--	
				M3-1	3	NORTH	36	X 18	--	--	--	--	--	--	--	--	
				M1-6	3	38	36	X 36	--	--	--	--	--	--	--	--	
				M5-1L	3	--	30	X 30	--	--	--	--	--	--	--	--	
				M3-3	3	SOUTH	36	X 18	--	--	--	--	--	--	--	--	
				M1-6	3	38	36	X 36	--	--	--	--	--	--	--	--	
				M5-1R	3	--	30	X 30	--	--	--	--	--	--	--	--	
			2-9	R5-98	2M	NO TRESPASSING STATE OF WIS-OWNER VIOLATORS WILL BE PROSECUTRED SEC943.13 WIS STATUTES	42	X 24	1	--	7.00	--	--	1	1	--	
			2-10	R7-1D	2M	NO PARKING ANY TIME	24	X 30	1	--	5.00	--	--	1	1	--	
			2-11	R5-98	2M	NO TRESPASSING STATE OF WIS-OWNER VIOLATORS WILL BE PROSECUTRED SEC943.13 WIS STATUTES	42	X 24	1	--	7.00	--	--	1	1	--	
			2-12	D1-65	3	HOWELL AVE NEXT SIGNAL	84	X 30	2	--	17.50	--	--	1	2	--	
			2-13	R3-20L	3	BEGIN LEFT TURN LANE	36	X 54	1	--	13.50	--	--	1	1	--	
			2-14		3	RACINE	72	X 21	2	--	10.50	--	--	1	2	--	
			3-1	W11-2	3	--	36	X 36	1	--	--	--	9.00	--	--	--	
			3-2	W16-9P	3	AHEAD	30	X 18	--	--	--	--	3.75	--	--	3-1	
			3-3	W11-2	3	--	36	X 36	1	--	--	--	9.00	--	--	--	
			3-4	W16-9P	3	AHEAD	30	X 18	--	--	--	--	3.75	--	--	3-3	
			3-5	W3-3	3	--	36	X 36	1	--	--	--	9.00	1	1	--	
			3-6	W3-3	3	--	36	X 36	1	--	--	--	9.00	1	1	--	
			3-7	J1-1	3	--	36	X 57	1	--	14.25	--		1	1	--	
				M2-1	3	JCT	30	X 21	--	--	--	--	--	--	--	--	
				M1-6	3	38	36	X 36	--	--	--	--	--	--	--	--	
			3-8	J1-1	3	--	36	X 57	1	--	14.25	--		1	1	--	
				M2-1	3	JCT	30	X 21	--	--	--	--	--	--	--	--	
				M1-6	3	38	36	X 36	--	--	--	--	--	--	--	--	
			3-9	R7-1D	2M	NO PARKING ANY TIME	24	X 30	1	--	5.00	--	--	1	1	--	
			3-10	R2-1	3	SPEED LIMIT 45	36	X 48	1	--	12.00	--	--	1	1	--	
			3-11	R2-1	3	SPEED LIMIT 45	36	X 48	1	--	12.00	--	--	1	1	--	
			3-12	R7-1D	2M	NO PARKING ANY TIME	24	X 30	1	--	5.00	--	--	1	1	--	
			3-13			NO THRU TRAFFIC IN CURB LANE	42	X 48	1	--	14.00	--	--	1	1	--	
			3-14			EXCEPT BUSES	42	X 24	--	--	7.00	--	--	1	--	3-13	

PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	MISCELLANEOUS QUANTITIES	SHEET 127	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS - 2040-23-00_STH 100_MILWAUKEE CO\500_CADD\501_C3D_2022\20402300\SHEETS\030201-MQ.DWG
LAYOUT NAME - 03
PLOT DATE : 2/3/2026 10:42 AM PLOT BY : JEFF KOMOROWSKI, PE PLOT NAME : PLOT SCALE : 1" = 1'
WISDOT/CADDS SHEET 42

3

PERMANENT SIGNING

CATEGORY	STAGE	ROADWAY	SIGN NO.	SIGN CODE	SIGN SIZE	SIGN MESSAGE	SIGN SIZE W (IN.)	X	SIGN SIZE H (IN.)	634.0618 POSTS WOOD 4X6-INCH X 18-FT EA	634.0812 POSTS TUBULAR STEEL 2X2-INCH X 12-FT EA	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.2215 SIGNS TYPE II REFLECTIVE H FOLDING SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	638.2602 REMOVING SIGNS TYPE II EA	638.3000 REMOVING SMALL SIGN SUPPORTS EA	MOUNT ON SAME POST AS SIGN NO.	REMARKS
	3	STH 100	3-15			NO THRU TRAFFIC IN CURB LANE	42	X	48	1	--	14.00	--	--	1	1	--	
			3-16			EXCEPT BUSES	42	X	24	--	--	7.00	--	--	1	--	3-15	
			4-1	R1-1	2S	STOP	30	X	30	--	1	5.18	--	--	1	1	--	
			4-2	R1-1	2S	STOP	30	X	30	1	--	5.18	--	--	1	1	--	
			4-3	R1-1	2S	STOP	30	X	30	1	--	5.18	--	--	1	1	--	
			4-4	R1-2	2S	STOP	30	X	30	1	--	5.18	--	--	1	1	--	
			4-5	R10-7	2S	DO NOT BLOCK INTERSECTION	36	X	48	1	--	12.00	--	--	1	1	--	
			4-6	W11-2	3	--	36	X	36	--	--	--	--	9.00	--	--	--	MOUNTED TO LIGHT POST
			4-7	W16-7R	3	--	30	X	18	--	--	--	--	3.75	--	--	--	MOUNTED TO LIGHT POST
			4-8	W11-2	3	--	36	X	36	1	--	--	--	9.00	--	--	--	
			4-9	W16-7L	3	--	30	X	18	--	--	--	--	3.75	--	--	4-8	
			4-10	W11-2	3	--	36	X	36	--	--	--	--	9.00	--	--	--	MOUNTED TO LIGHT POST
			4-11	W16-7R	3	--	30	X	18	--	--	--	--	3.75	--	--	--	MOUNTED TO LIGHT POST
			4-12	W11-2	3	--	36	X	36	1	--	--	--	9.00	--	--	--	
			4-13	W16-7L	3	--	30	X	18	--	--	--	--	3.75	--	--	4-12	
			4-14	D1-65	3	SHEPARD AVE NEXT SIGNAL	96	X	30	2	--	20.00	--	--	1	2	--	
			4-15	R6-2L	3	ONE WAY	36	X	48	1	--	12.00	--	--	1	1	--	
			4-16	R4-7	3	--	36	X	48	--	--	--	--	--	1	--	--	MOUNTED TO LIGHT POST
			4-17	R5-1	3	DO NOT ENTER	36	X	36	1	--	9.00	--	--	1	1	--	
			4-18	R5-1A	3	WRONG WAY	36	X	24	1	--	6.00	--	--	1	1	--	
			4-19	W3-3	3	--	36	X	36	--	--	--	--	9.00	1	--	4-18	
			4-20	R6-2R	2S	ONE WAY	24	X	30	--	--	5.00	--	--	1	--	--	
			4-21	R4-7	3	--	36	X	48	1	--	12.00	--	--	1	1	--	
			4-22	R7-1D	2M	NO PARKING ANY TIME	24	X	30	1	--	5.00	--	--	1	1	--	
			4-23	R2-1	2S	SPEED LIMIT 25	24	X	30	1	--	5.00	--	--	1	1	--	
			4-24	W14-1	2S	DEAD END	30	X	30	1	--	--	--	6.25	1	1	--	
			4-25	R3-20L	3	BEGIN LEFT TURN LANE	36	X	54	1	--	13.50	--	--	1	1	--	
			4-26	R6-3	2S	DIVIDED HIGHWAY	30	X	24	--	--	5.00	--	--	1	--	4-1	
			5-1	R1-1F	3	STOP	36	X	36	--	--	--	7.46	--	1	--	--	MOUNTED TO LIGHT POST
			5-2	R4-7	3	--	36	X	48	--	--	12.00	--	--	1	--	--	MOUNTED TO LIGHT POST
			5-3	R1-1F	3	STOP	36	X	36	--	--	--	7.46	--	1	--	--	MOUNTED TO SIGNAL POST
			5-4	R6-2L	3	ONE WAY	36	X	48	--	--	12.00	--	--	1	--	--	MOUNTED TO SIGNAL POST
			5-5	R1-1F	3	STOP	36	X	36	--	--	--	7.46	--	1	--	--	MOUNTED TO SIGNAL POST
			5-6	R1-1F	3	STOP	36	X	36	--	--	--	7.46	--	1	--	--	MOUNTED TO SIGNAL POST
			5-7	R6-2L	3	ONE WAY	36	X	48	--	--	12.00	--	--	1	--	--	MOUNTED TO SIGNAL POST
			5-8	R4-7	3	--	36	X	48	--	--	12.00	--	--	1	--	--	MOUNTED TO LIGHT POST
			5-9	R1-1F	3	STOP	36	X	36	--	--	--	7.46	--	1	--	--	MOUNTED TO LIGHT POST
			5-10	R1-1F	3	STOP	36	X	36	--	--	--	7.46	--	1	--	--	MOUNTED TO SIGNAL POST
			5-11	M1-94S	3	E RYAN RD	90	X	18	--	--	11.25	--	--	--	--	--	MOUNTED TO SIGNAL POST
			5--12	M1-94S	3	E RYAN RD	90	X	18	--	--	11.25	--	--	--	--	--	MOUNTED TO SIGNAL POST
			5-13	M1-94H	3	S SHEPARD AVE	96	X	18	--	--	12.00	--	--	--	--	--	MOUNTED TO SIGNAL POST
			5-14	M1-94H	3	S SHEPARD AVE	96	X	18	--	--	12.00	--	--	--	--	--	MOUNTED TO SIGNAL POST
			5-15	J4-1	3	--	36	X	54	--	--	13.50	--	--	--	--	--	MOUNTED TO SIGNAL POST
				M1-6	3	100	36	X	36	--	--	--	--	--	--	--	--	
				M3-4	3	WEST	36	X	18	--	--	--	--	--	--	--	--	
			5-16	J4-1	3	--	36	X	54	--	--	--	--	--	1	1	--	
				M1-6	3	100	36	X	36	--	--	--	--	--	--	--	--	
				M3-4	3	WEST	36	X	18	--	--	--	--	--	--	--	--	
			5-17	W11-2	3	--	36	X	36	1	--	--	--	9.00	--	--	--	
			5-18	W16-9P	3	AHEAD	30	X	18	--	--	--	--	3.75	--	--	5-17	

SHEET 2 OF 3

PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	MISCELLANEOUS QUANTITIES	SHEET 128	E

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											PERMANENT SIGNING								
							SIGN SIZE				634.0618 POSTS WOOD 4X6-INCH X 18-FT	634.0812 POSTS TUBULAR STEEL 2X2-INCH X 12-FT	637.2210 SIGNS TYPE II REFLECTIVE H	637.2215 SIGNS TYPE II REFLECTIVE H FOLDING	637.2230 SIGNS TYPE II REFLECTIVE F	638.2602 REMOVING SIGNS TYPE II	638.3000 REMOVING SMALL SIGN SUPPORTS	MOUNT ON SAME POST AS SIGN NO.	REMARKS
CATEGORY	STAGE	ROADWAY	SIGN NO.	SIGN CODE	SIGN SIZE	SIGN MESSAGE	W (IN.)	X	H (IN.)		EA	EA	SF	SF	SF	EA	EA		
	3	STH 100	5-19	W11-2	3	--	36	X	36		1	--	--	--	9.00	--	--	--	
			5-20	W16-9P	3	AHEAD	30	X	18		--	--	--	--	3.75	--	--	5-19	
			5-21	D1-65	3	SHEPARD AVE NEXT SIGNAL	96	X	30		2	--	20.00	--	--	1	2	--	
			5-22	R3-20R	3	BEGIN RIGHT TURN LANE	36	X	54		1	--	13.50	--	--	1	1	--	
			5-23	R7-1D	2M	NO PARKING ANY TIME	24	X	30		1	--	5.00	--	--	1	1	--	
			5-24	R5-1A	3	WRONG WAY	36	X	24		--	--	6.00	--	--	1	--	5-23	
			5-25	R5-1	3	DO NOT ENTER	36	X	36		--	--	9.00	--	--	1	1	--	MOUNTED TO SIGNAL POST
			5-26	R2-1	3	SPEED LIMIT 45	36	X	48		1	--	12.00	--	--	1	1	--	
			5-27	R7-1D	2M	NO PARKING ANY TIME	24	X	30		1	--	5.00	--	--	1	1	--	
			5-28	J13-1	2S	--	24	X	45		1	--	7.50	--	--	1	1	--	
				M1-6	2	100	24	X	24		--	--	--	--	--	--	--	--	
				M6-4	2S	--	21	X	21		--	--	--	--	--	--	--	--	
			5-29	R6-3	2S	DIVIDED HIGHWAY	30	X	24		--	--	5.00	--	--	1	--	--	MOUNTED TO SIGNAL POST
			5-30	R6-3	2S	DIVIDED HIGHWAY	30	X	24		--	--	5.00	--	--	1	--	--	MOUNTED TO SIGNAL POST
			5-31			NO THRU TRAFFIC IN CURB LANE	42	X	48		1	--	14.00	--	--	1	1	--	
			5-32			EXCEPT BUSES	42	X	24		--	--	7.00	--	--	1	--	5-31	
			5-33	R5-1	3	DO NOT ENTER	36	X	36		1	--	9.00	--	--	1	1	--	
			6-1	J4-1	3	--	36	X	54		1	--	13.50	--	--	1	1	--	
				M1-6	3	100	36	X	36		--	--	--	--	--	--	--	--	
				M3-2	3	EAST	36	X	18		--	--	--	--	--	--	--	--	
			6-2	R5-1A	3	WRONG WAY	36	X	24		1	--	6.00	--	--	1	1	--	
			6-3	R3-20L	3	BEGIN LEFT TURN LANE	36	X	54		1	--	13.50	--	--	1	1	--	
TOTAL											66	1	809.72	44.76	135.25	79	63		

SHEET 3 OF 3

PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	MISCELLANEOUS QUANTITIES	SHEET 129	E

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TRAFFIC CONTROL

CATEGORY	STAGE	ROADWAY	STATION	TO	STATION	DIRECTION	DURATION DAYS	643.0300 DRUMS #	643.0300 DRUMS DAY	643.0420 BARRICADES TYPE III #	643.0420 BARRICADES TYPE III DAY	643.0500 FLEXIBLE TUBULAR MARKER POSTS #	643.0500 FLEXIBLE TUBULAR MARKER POSTS EA	643.0600 FLEXIBLE TUBULAR MARKER BASES EA	643.0705 WARNING LIGHTS TYPE A #	643.0705 WARNING LIGHTS TYPE A DAY	643.0715 WARNING LIGHTS TYPE C #	643.0715 WARNING LIGHTS TYPE C DAY	643.0810 CONNECTED ARROW BOARD #	643.0810 CONNECTED ARROW BOARD DAY	643.0900 SIGNS #	643.0900 SIGNS DAY	643.0920 TRAFFIC CONTROL COVERING SIGNS TYPE II EA	643.1050 SIGNS PCMS DAY
0010																								
	1	STH 100	95+79	-	160+76	LT/RT	10	175	1,750	6	60	75	75	75	6	120	33	330	3	30	32	320	--	7
		SUBTOTAL							1,750		60		75	75		120		330		30		320	--	7
	2	STH 100	78+52	-	155+16	LT/RT	60	268	16,080	17	1,020	--	--	--	17	2,040	42	2,520	3	180	64	3,840	2	--
		SUBTOTAL							16,080		1,020		--	--		2,040		2,520		180		3,840	2	--
	3	STH 100	77+98	-	155+74	LT/RT	20	255	5,100	24	480	--	--	--	24	960	22	440	2	40	57	1,140	4	7
		SUBTOTAL							5,100		480		--	--		960		440		40		1,140	4	7
		UNDISTRIBUTED							5,740		390		20	20		780		830		63		1,330	2	4
		TOTAL							28,670		1,950		95	95		3,900		4,120		313		6,630	8	18

TRAFFIC CONTROL

CATEGORY	STAGE	ROADWAY	STATION	TO	STATION	DIRECTION	DURATION DAYS	643.1220 CONNTECTED WORK ZONE START AND END LOCATION MARKERS #	643.1220 CONNTECTED WORK ZONE START AND END LOCATION MARKERS DAY	643.3165 TEMPORARY MARKING LINE PAINT 6-INCH WHITE LF	643.3165 TEMPORARY MARKING LINE PAINT 6-INCH YELLOW LF	643.3180 TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH WHITE LF	643.3180 TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH YELLOW LF	643.3960 TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH LF
0010															
	1	STH 100	95+79	-	160+76	LT/RT	10	2	20	1,950	2,820	--	705	1,630
		SUBTOTAL							20	4,770		705		1,630
	2	STH 100	78+52	-	155+16	LT/RT	60	2	120	5,580	--	4640	--	2,300
		SUBTOTAL							120	5,580		4,640		2,300
	3	STH 100	77+98	-	155+74	LT/RT	20	2	40	1,050	5,820	640	2,470	1,080
		SUBTOTAL							40	6,870		3,110		1,080
		UNDISTRIBUTED							--	4,310		2,120		1,260
		TOTAL							180	21,530		10,575		6,270

TRAFFIC CONTROL

CATEGORY	STAGE	ROADWAY	STATION	TO	STATION	DIRECTION	DURATION DAYS	644.1410 TEMPORARY PEDESTRIAN SURFACE ASPHALT SF	644.1440 TEMPORARY PEDESTRIAN SURFACE MATTING SF	644.1601 TEMPORARY PEDESTRIAN CURB RAMP #	644.1601 TEMPORARY PEDESTRIAN CURB RAMP DAY	644.1605 TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELD SF	644.1810 TEMPORARY PEDESTRIAN BARRICADE LF	644.1900 TEMPORARY AUDIBLE PEDESTRIAN DEVICE #	644.1900 TEMPORARY AUDIBLE PEDESTRIAN DEVICE DAY	SPV.0060.05 TEMPORARY BUS STOP EACH
0010																
	2	STH 100	78+52	-	155+16	LT/RT	60	152	559	12	720	220	1,770	14	840	--
	3	STH 100	77+98	-	155+74	LT/RT	--	--	--	--	--	30	74	--	--	3
		UNDISTRIBUTED						38	140		180	63	461		210	1
		TOTAL						190	699		900	313	2,305		1,050	4

3

3

PAVEMENT MARKING

CATEGORY	STAGE	ROADWAY	STATION	TO	STATION	DIRECTION	646.1020 MARKING LINE EPOXY 4-INCH WHITE LF	646.1020 MARKING LINE EPOXY 4-INCH YELLOW LF	646.2025 MARKING LINE GROOVED BLACK EPOXY 6-INCH LF	646.2040 MARKING LINE GROOVED WET REF EPOXY 6-INCH SOLID WHITE LF	646.2040 SOLID YELLOW LF	646.2040 3' WHITE SKIP LF	646.2040 12.5' WHITE SKIP LF	646.3020 MARKING LINE EPOXY 8-INCH WHITE LF	646.4040 MARKING LINE GROOVED WET REF EPOXY 10-INCH SOLID WHITE LF	646.4040 3' WHITE SKIP LF	646.5020 MARKING ARROW EPOXY TYPE 2 EA	646.5020 TYPE 3R EA
0010																		
	2	STH 100	103+35	-	133+75	LT/RT	--	--	3,070	5,330	--	18	3,070	--	695	106	7	--
		SIDEROADS	SERVICE DR			LT	71	--	--	--	--	--	--	--	--	--	--	--
			SHEPARD AVE			LT/RT	117	234	--	--	--	--	--	115	--	--	2	2
		SUBTOTAL					422		3,070	8,418				115	801		11	
	3	STH 100	103+35	-	133+75	LT/RT	--	--	--	--	4,980	--	--	--	2,280	84	5	--
		SUBTOTAL					--		--	4,980				--	2,364		5	
		TOTAL					422		3,070	13,398				115	3,165		16	

PAVEMENT MARKING

CATEGORY	STAGE	ROADWAY	STATION	TO	STATION	DIRECTION	646.5120 MARKING WORD EPOXY EA	646.6120 MARKING STOP LINE EPOXY 18-INCH LF	646.7120 MARKING DIAGONAL EPOXY 12-INCH WHITE LF	646.7420 MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH LF	646.8120 MARKING CURB EPOXY LF	646.8220 MARKING ISLAND NOSE EPOXY EA	646.9010 MARKING REMOVAL LINE WATER BLASTING 4-INCH LF	646.9310 MARKING REMOVAL SPECIAL MARKING WATER BLASTING EA
0010														
	2	STH 100	103+35	-	133+75	LT/RT	2	55	1,220	214	--	--	3,491	--
		SIDEROADS	SERVICE DR			LT	--	70	--	345	--	--	--	--
			SHEPARD AVE			LT/RT	--	57	--	270	--	--	--	4
		SUBTOTAL					2	182	1,220	829	--	--	3,491	4
	3	STH 100	103+35	-	133+75	LT/RT	--	57	323	232	240	6	--	--
		TOTAL					2	239	1,543	1,061	240	6	3,491	4

CONSTRUCTION STAKING

CATEGORY	STAGE	ROADWAY	STATION	TO	STATION	O/S	650.4000 STORM SEWER EA	650.5500 CURB AND GUTTER LF	650.8000 RESURFACING REFERENCE LF	650.8501 ELECTRICAL INSTALLATION (2040-23-70) EA	650.9000 CURB RAMPS EA	650.9500 SIDEWALK (2040-23-70) EA	650.9911 SUPPLEMENTAL CONTROL (2040-23-70) EA
0010													
	2	STH 100	103+42	-	131+00	RT	1	170	2,760	1	5	1	1
			103+35	-	133+75	LT	--	425	3,040	--	16	--	--
		SUBTOTAL					1	595	5,800	1	21	1	1
	3	STH 100	103+42	-	131+00	RT	--	12	--	--	1	--	--
			103+35	-	133+75	LT	--	12	--	--	1	--	--
		SUBTOTAL					--	24	--	--	2	--	--
		TOTAL					1	619	5,800	1	23	1	1

3

3

SAWING EXISTING PAVEMENT

CATEGORY	STAGE	ROADWAY	STATION	-	STATION	O/S	690.0150 ASPHALT LF	690.0250 CONCRETE LF
0010								
	1	STH 100	103+35	-	133+75	LT/RT	1,560	--
	2	STH 100	103+35	-	133+75	LT/RT	1,170	210
	3	STH 100	103+35	-	133+75	LT/RT	280	44
		TOTAL					3,010	254

SECTION CORNER MONUMENT

CATEGORY	STAGE	ROADWAY	STATION	TO	STATION	O/S	SPV.0060.06 SECTION CORNER MONUMENTS EA
0010							
	3	STH 100	103+35	-	133+75	32' LT	1
		TOTAL					1

CULVERT PIPE

CATEGORY	STAGE	ROADWAY	STATION	O/S	SPV.0060.08 RESETTING APRON ENDWALL EACH
0010					
	2	STH 100	136+42	92' LT	1
			136+48	91' LT	1
		SUBTOTAL			2
		TOTAL			2

CURB RAMP GRADING, SHAPING AND FINISHING

CATEGORY	STAGE	ROADWAY	STATION	TO	STATION	O/S	SPV.0060.11 CURB RAMP GRADING, SHAPING AND FINISHING EA	FOR INFORMATION PURPOSES ONLY. TOPSOIL SY	SOIL STABILIZER TYPE A ACRE	FERTILIZER TYPE B CWT	SOD LAWN SY	SOD WATER MGAL
0010												
	2	STH 100	103+35	-	133+75	LT/RT	14	503	0.01	0.01	503	11
	3	STH 100	123+06	-	123+18	LT/RT	1	1	0.01	0.01	1	0.03
		TOTAL					15	504	1	1	504	11

STH 100 (RYAN RD) & SHEPARD AVE
ALL ITEMS CATEGORY 0010

3

STATE FURNISHED MATERIALS SUMMARY - FOR INFORMATION ONLY

EACH	DESCRIPTION
1	TRAFFIC SIGNAL CONTROLLER AND CABINET
1	POLES TYPE 9
2	POLES TYPE 9 SPECIAL
1	POLES TYPE 10 SPECIAL
1	MONOTUBE ARMS 30-FT
1	MONOTUBE ARMS 35-FT SPECIAL
2	MONOTUBE ARMS 45-FT SPECIAL
1	LUMINAIRE ARMS STEEL 15-FT
4	EVP DETECTOR HEADS
1	RADAR VEHICLE DETECTION SYSTEM

REMOVING TRAFFIC SIGNALS

LOCATION	204.9060.S.01 REMOVING TRAFFIC SIGNALS EACH
STH 100 & SHEPARD	1
TOTAL	1

REMOVING WIRE

LOCATION	204.9060.S.02 REMOVING LOOP DETECTOR WIRE AND LEAD-IN CABLE EACH
STH 100 & SHEPARD	1
TOTAL	1

LAMP, BALLAST, LED, SWITCH DISPOSAL

FIXTURE TYPE	659.5000.S LAMP, BALLAST, SWITCH DISPOSAL BY CONTRACTOR EACH
TRAFFIC SIGNAL, THREE SECTION	12
TRAFFIC SIGNAL, PEDESTRIAN	8
LED LAMP	4
MERCURY SWITCHES	1
TOTAL	25

REMOVING CONCRETE BASES

SIGNAL BASE NO.	204.0195 REMOVING CONCRETE BASES EACH
SB1	1
SB2	1
SB3	1
SB4	1
SB5	1
SB6	1
SB7	1
SB8	1
SB9	1
SB10	1
SB11	1
SB12	1
SB13	1
SB14	1
CB1	1
TOTAL	15

REMOVE PULL BOXES

PULL BOX NO.	653.0905 REMOVING PULL BOXES EACH
PB1	1
PB2	1
PB3	1
PB4	1
PB5	1
PB6	1
PB7	1
PB8	1
PB9	1
PB10	1
PB11	1
PB12	1
PB13	1
PB14	1
PB15	1
PB16	1
PB17	1
TOTAL	17

LAMP, BALLAST, LED, SWITCH DISPOSAL (FOR INFORMATION ONLY)

LOCATION	TRAFFIC SIGNAL THREE SECTION EACH	TRAFFIC SIGNAL PEDESTRIAN EACH	MERCURY SWITCHES EACH
CB1	--	--	1
SB1	2	--	--
SB2	1	--	--
SB3	1	--	--
SB4	1	--	--
SB5	1	--	--
SB6	2	--	--
SB7	1	--	--
SB8	1	--	--
SB9	1	--	--
SB10	1	--	--
SB11	--	2	--
SB12	--	2	--
SB13	--	2	--
SB14	--	2	--
	12	8	1

PLOT DATE : 7/16/2026 7:49:17 PM PLOT BY : DJW

3

3

CONDUIT

FROM	TO	652.0225 CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH L.F.	652.0235 CONDUIT RIGID NONMETALLIC SCHEDULE 40 3-INCH L.F.	652.0605 CONDUIT SPECIAL 2-INCH L.F.	652.0615 CONDUIT SPECIAL 3-INCH L.F.
CB1	PB1	--	90	--	--
PB1	SB1	5	--	--	--
PB1	SB2	10	--	--	--
PB1	PB2	--	60	--	--
PB2	PB3	150	--	--	--
PB2	PB4	--	--	--	120
PB4	SB3	--	20	--	--
PB4	SB4	40	--	--	--
PB4	PB5	--	150	--	--
PB5	SB5	20	--	--	--
PB5	PB6	170	--	--	--
PB6	PB7	130	--	--	--
PB5	PB8	--	--	--	130
PB8	SB6	10	--	--	--
PB8	PB9	--	--	--	100
PB9	SB7	--	35	--	--
PB9	PB10	--	150	--	--
PB10	SB8	40	--	--	--
PB10	SB9	30	--	--	--
PB10	PB11	--	--	145	--
PB10	PB12	--	--	--	120
PB12	SB10	--	15	--	--
PB12	SB11	40	--	--	--
PB12	PB13	--	190	--	--
PB13	SB12	25	--	--	--
PB13	PB14	170	--	--	--
PB14	PB15	130	--	--	--
PB13	PB16	--	--	--	140
PB16	SB13	15	--	--	--
PB16	PB17	--	--	--	100
PB17	SB14	--	35	--	--
PB17	CB1	--	75	--	--
	TOTAL	985	820	145	710

CONCRETE BASES

SIGNAL BASE NO.	LOCATION STA	LOCATION OFFSET	654.0101 CONCRETE BASES TYPE 1 EACH	654.0102 CONCRETE BASES TYPE 2 EACH	654.0110 CONCRETE BASES TYPE 10 EACH	654.0120 CONCRETE BASES TYPE 10 SPECIAL EACH	654.0217 CONCRETE CONTROL CABINET BASES TYPE 9 SPECIAL EACH
CB1	129+39.2	72.7 RT	--	--	--	--	1
SB1	129+09.5	77.5 RT	1	--	--	--	--
SB2	128+97.7	81.6 RT	--	1	--	--	--
SB3	128+33.4	90.1 RT	--	--	1	--	--
SB4	128+12.2	78.4 RT	1	--	--	--	--
SB5	128+2.2	65.9 RT	1	--	--	--	--
SB6	127+90.9	7.3 LT	--	1	--	--	--
SB7	128+15.9	61.3 LT	--	--	--	1	--
SB8	128+19.7	75.4 LT	1	--	--	--	--
SB9	128+32.3	80.2 LT	1	--	--	--	--
SB10	129+02.9	94.6 LT	--	--	--	1	--
SB11	129+21.7	80.3 LT	1	--	--	--	--
SB12	129+37.3	67.4 LT	1	--	--	--	--
SB13	129+45.7	7.1 RT	--	1	--	--	--
SB14	129+26.6	63.4 RT	--	--	--	1	--
		TOTAL	7	3	1	3	1

3

PULL BOXES

PULL BOX NO.	LOCATION STA	LOCATION OFFSET	653.0135 PULL BOXES STEEL 24x36-INCH EACH	653.0140 PULL BOXES STEEL 24x42-INCH EACH
PB1	129+07.9	81.5 RT	--	1
PB2	128+96.5	110.5 RT	--	1
PB3	128+92.1	259.8 RT	1	--
PB4	128+36.7	111.9 RT	--	1
PB5	127+79.7	58.9 RT	--	1
PB6	126+05.6	58.9 RT	1	--
PB7	124+74.3	59.0 RT	1	--
PB8	127+79.7	8.4 LT	--	1
PB9	127+79.7	59.6 LT	--	1
PB10	128+38.3	109.3 LT	--	1
PB11	128+38.6	258.3 LT	--	1
PB12	128+98.7	111.9 LT	--	1
PB13	129+61.5	61.8 LT	--	1
PB14	131+28.7	61.8 LT	1	--
PB15	132+57.0	62.3 LT	1	--
PB16	129+61.3	7.7 RT	--	1
PB17	129+61.1	57.4 RT	--	1
		TOTAL	5	12

TRAFFIC DETECTOR LOOPS

LOOP NO.	HOME RUN PB	LOCATION** STA	LOCATION** OFFSET	SIZE (FT) X (FT)	NO. OF TURNS	PAVEMENT TYPE	SDD INSTALLATION REFERENCE	652.0800 CONDUIT LOOP DETECTOR L.F.	655.0700 LOOP DETECTOR LEAD IN CABLE L.F.	655.0800 LOOP DETECTOR WIRE L.F.
11	PB8	127+72.7	3.2 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	72	279	227
12	PB8	128+0.7	3.0 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	66	279	208
21	PB15	132+57.3	30.0 LT	6 X 18	5	ASPHALT	9F15-4B OPTION 2	92	320	483
22	PB14	131+29.1	29.9 LT	6 X 18	5	ASPHALT	9F15-4B OPTION 2	90	320	473
31	PB2	128+72.1	114.2 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	92	320	290
32	PB2	128+70.1	78.0 RT	6 X 30	3	ASPHALT	9F15-4B OPTION 2	112	320	353
41	PB11	128+59.1	258.3 LT	6 X 10	5	ASPHALT	9F15-4B OPTION 2	60	467	315
42	PB10	128+51.7	112.8 LT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	68	320	214
43	PB10	128+52.1	76.6 LT	6 X 30	3	ASPHALT	9F15-4B OPTION 2	88	320	277
51	PB16	129+67.5	2.6 LT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	68	95	214
52	PB16	129+39.5	2.7 LT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	64	95	202
61	PB7	124+74.3	29.0 RT	6 X 18	5	ASPHALT	9F15-4B OPTION 2	86	73	452
62	PB6	126+05.6	29.0 RT	6 X 18	5	ASPHALT	9F15-4B OPTION 2	86	73	452
71	PB10	128+64.1	113.1 LT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	96	73	302
72	PB10	128+65.1	76.9 LT	6 X 30	3	ASPHALT	9F15-4B OPTION 2	116	73	365
81	PB3	128+75.1	260.1 RT	6 X 8	4	ASPHALT	9F15-4B OPTION 2	50	223	210
82	PB2	128+83.5	114.1 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	70	73	221
83	PB2	128+82.5	78.0 RT	6 X 30	3	ASPHALT	9F15-4B OPTION 2	90	73	284
							TOTAL	1466	3796	5540

** LOCATION IS TO FRONT CENTER OF DETECTOR LOOP

3

TRAFFIC SIGNAL CABLE AND WIRE

FROM	TO	655.0240* CABLE TRAFFIC SIGNAL 7-14 AWG L.F.	655.0260 CABLE TRAFFIC SIGNAL 12-14 AWG L.F.
CB1	SB1	80	--
CB1	SB2	--	85
CB1	SB3	--	215
CB1	SB4	235	--
CB1	SB5	--	305
CB1	SB6	--	375
CB1	SB7	--	385
CB1	SB8	445	--
CB1	SB9	--	435
CB1	SB10	--	345
CB1	SB11	370	--
CB1	SB12	--	245
CB1	SB13	--	150
CB1	SB14	--	105
	TOTAL	1130	2645

* QUANTITY SHOWN ELSEWHERE ON PLAN

TRAFFIC SIGNAL CABLE AND WIRE

FROM	TO	655.0305 CABLE TYPE UF 2-12 AWG GROUNDED L.F.	655.0610 ELECTRICAL WIRE LIGHTING 12 AWG L.F.
CB1	SB2	85	--
SB2	LUMINAIRE 1	--	120
SB2	SB6	355	--
SB6	LUMINAIRE 1	--	120
SB6	LUMINAIRE 2	--	120
CB1	SB13	150	--
SB13	LUMINAIRE 1	--	120
SB13	LUMINAIRE 2	--	120
SB13	SB10	270	--
SB10	LUMINAIRE 1	--	145
	TOTAL	860	745

TRAFFIC SIGNAL CABLE AND WIRE

FROM	TO SIGNAL HEAD NUMBER	655.0230 CABLE TRAFFIC SIGNAL 5-14 AWG L.F.	655.0240* CABLE TRAFFIC SIGNAL 7-14 AWG L.F.
SB1	23	15	--
SB2	16	--	22
SB2	18	22	--
SB3	14	45	--
SB3	15	20	--
SB3	17	--	55
SB4	24	15	--
SB5	1	22	--
SB5	11	--	22
SB5	25	15	--
SB6	4	--	22
SB6	12	--	22
SB7	8	--	70
SB7	9	--	60
SB7	26	15	--
SB8	27	15	--
SB9	13	22	--
SB9	21	--	22
SB10	19	50	--
SB10	20	20	--
SB10	22	--	60
SB11	28	15	--
SB12	5	--	22
SB12	7	22	--
SB12	29	15	--
SB13	6	--	22
SB13	10	--	22
SB14	2	70	--
SB14	3	60	--
SB14	30	15	--
	TOTAL	473	421

* QUANTITY SHOWN ELSEWHERE ON PLAN

TRAFFIC SIGNAL CABLE AND WIRE

FROM	TO	655.0515 ELECTRICAL WIRE TRAFFIC SIGNALS 10 AWG L.F.
CB1	SB1	85
SB1	SB2	65
SB2	SB3	170
SB3	SB4	110
SB4	SB5	185
SB5	SB6	145
SB6	SB7	145
SB7	SB8	200
SB8	SB9	120
SB9	SB10	155
SB10	SB11	105
SB11	SB12	210
SB12	SB13	160
SB13	SB14	150
SB14	CB1	110
SB1	PB1	30
SB1	PB2	60
SB3	PB4	45
SB5	PB5	45
SB6	PB8	35
SB7	PB9	60
SB9	PB10	55
SB10	PB12	40
SB12	PB13	50
SB13	PB16	30
CB1	PB17	50
	TOTAL	2615

3

3

							POLES								
	657.0100	657.0255	657.0310	657.0425	657.0430	657.0609	SPV.0060.50	SPV.0060.51	SPV.0060.52	SPV.0060.55	SPV.0060.56	SPV.0060.58	SPV.0060.59	658.0500	659.1125
		TRANSFORMER BASES BREAKAWAY		TRAFFIC SIGNAL STANDARDS	TRAFFIC SIGNAL STANDARDS										
	PEDESTAL	11 1/2-INCH	POLES	ALUMINUM	ALUMINUM	LUMINAIRE ARMS SINGLE MEMBER	INSTALL TYPE 9	INSTALL TYPE 9 SPECIAL	INSTALL TYPE 10 SPECIAL	INSTALL MONOTUBE ARMS	INSTALL MONOTUBE ARMS	INSTALL MONOTUBE ARMS	INSTALL LUMINAIRE ARMS	PEDESTRIAN PUSH	LUMINAIRES UTILITY
SIGNAL	BASES	BOLT CIRCLE	TYPE 3	15-FT	10-FT	4-INCH CLAMP 6-FT	POLE	POLE	POLE	30-FT	35-FT SPECIAL	45-FT SPECIAL	STEEL 15-FT	BUTTONS	LED C
BASE NO.	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH
SB1	1	--	--	--	1	--	--	--	--	--	--	--	--	1	--
SB2	--	1	1	--	--	1	--	--	--	--	--	--	--	--	1
SB3	--	--	--	--	--	--	1	--	--	1	--	--	--	--	--
SB4	1	--	--	--	1	--	--	--	--	--	--	--	--	1	--
SB5	1	--	--	1	--	--	--	--	--	--	--	--	--	1	--
SB6	--	1	1	--	--	2	--	--	--	--	--	--	--	--	2
SB7	--	--	--	--	--	--	--	1	--	--	--	1	--	1	--
SB8	1	--	--	--	1	--	--	--	--	--	--	--	--	1	--
SB9	1	--	--	1	--	--	--	--	--	--	--	--	--	--	--
SB10	--	--	--	--	--	--	--	--	1	--	1	--	1	--	1
SB11	1	--	--	--	1	--	--	--	--	--	--	--	--	1	--
SB12	1	--	--	1	--	--	--	--	--	--	--	--	--	1	--
SB13	--	1	1	--	--	2	--	--	--	--	--	--	--	--	2
SB14	--	--	--	--	--	--	--	1	--	--	--	1	--	1	--
TOTAL	7	3	3	3	4	5	1	2	1	1	1	2	1	8	6

STH 100 (RYAN RD) & SHEPARD AVE
ALL ITEMS CATEGORY 0010

FACES

SIGNAL BASE NO.	SIGNAL HEAD NO.	658.0173 TRAFFIC SIGNAL FACE 3S-12 INCH EACH	658.0174 TRAFFIC SIGNAL FACE 4S-12 INCH EACH	658.0416 PEDESTRIAN SIGNAL FACE 16-INCH EACH
SB1	23	--	--	1
SB2	16	--	1	--
SB2	18	1	--	--
SB3	14	1	--	--
SB3	15	1	--	--
SB3	17	--	1	--
SB4	24	--	--	1
SB5	1	1	--	--
SB5	11	--	1	--
SB5	25	--	--	1
SB6	4	--	1	--
SB6	12	--	1	--
SB7	8	1	--	--
SB7	9	1	--	--
SB7	26	--	--	1
SB8	27	--	--	1
SB9	13	1	--	--
SB9	21	--	1	--
SB10	19	1	--	--
SB10	20	1	--	--
SB10	22	--	1	--
SB11	28	--	--	1
SB12	5	--	1	--
SB12	7	1	--	--
SB12	29	--	--	1
SB13	6	--	1	--
SB13	10	--	1	--
SB14	2	1	--	--
SB14	3	1	--	--
SB14	30	--	--	1
TOTAL		12	10	8

TRAFFIC SIGNAL MOUNTING HARDWARE

LOCATION	658.5070.01 SIGNAL MOUNTING HARDWARE EACH
STH 100 & SHEPARD	1
TOTAL	1

ELECTRICAL SERVICE METER BREAKER PEDESTAL

LOCATION	656.0201.01 ELECTRICAL SERVICE METER BREAKER PEDESTAL EACH
STH 100 & SHEPARD	1
TOTAL	1

TRAFFIC SIGNAL CABINET

LOCATION	SPV.0060.60 TRANSPORT AND INSTALL STATE FURNISHED TRAFFIC SIGNAL CABINET EACH
STH 100 & SHEPARD	1
TOTAL	1

TRANSPORTING MATERIALS

LOCATION	SPV.0060.61 TRANSPORT TRAFFIC SIGNAL AND INTERSECTION LIGHTING MATERIALS EACH
STH 100 & SHEPARD	1
TOTAL	1

TRAFFIC SIGNAL EVP DETECTOR CABLE

FROM	TO	655.0900 TRAFFIC SIGNAL EVP DETECTOR CABLE L.F.
CB1	SB7 (HEAD A)	450
CB1	SB14 (HEAD B)	170
CB1	SB3 (HEAD C)	265
CB1	SB10 (HEAD D)	400
TOTAL		1285

EMERGENCY VEHICLE PREEMPTION

LOCATION	SPV.0060.63 TRANSPORT AND INSTALL STATE FURNISHED EVP DETECTOR HEADS EACH
STH 100 & SHEPARD	1
TOTAL	1

NOTES:
THIS EXHIBIT IS A GRAPHIC REPRESENTATION AND IS FOR REFERENCE PURPOSES ONLY. REFER TO THE CONVEYANCE DOCUMENT FOR PARCEL RELATED DETAILS.

PURPOSE OF ALL TLE IS FOR GRADING, UNLESS OTHERWISE NOTED.

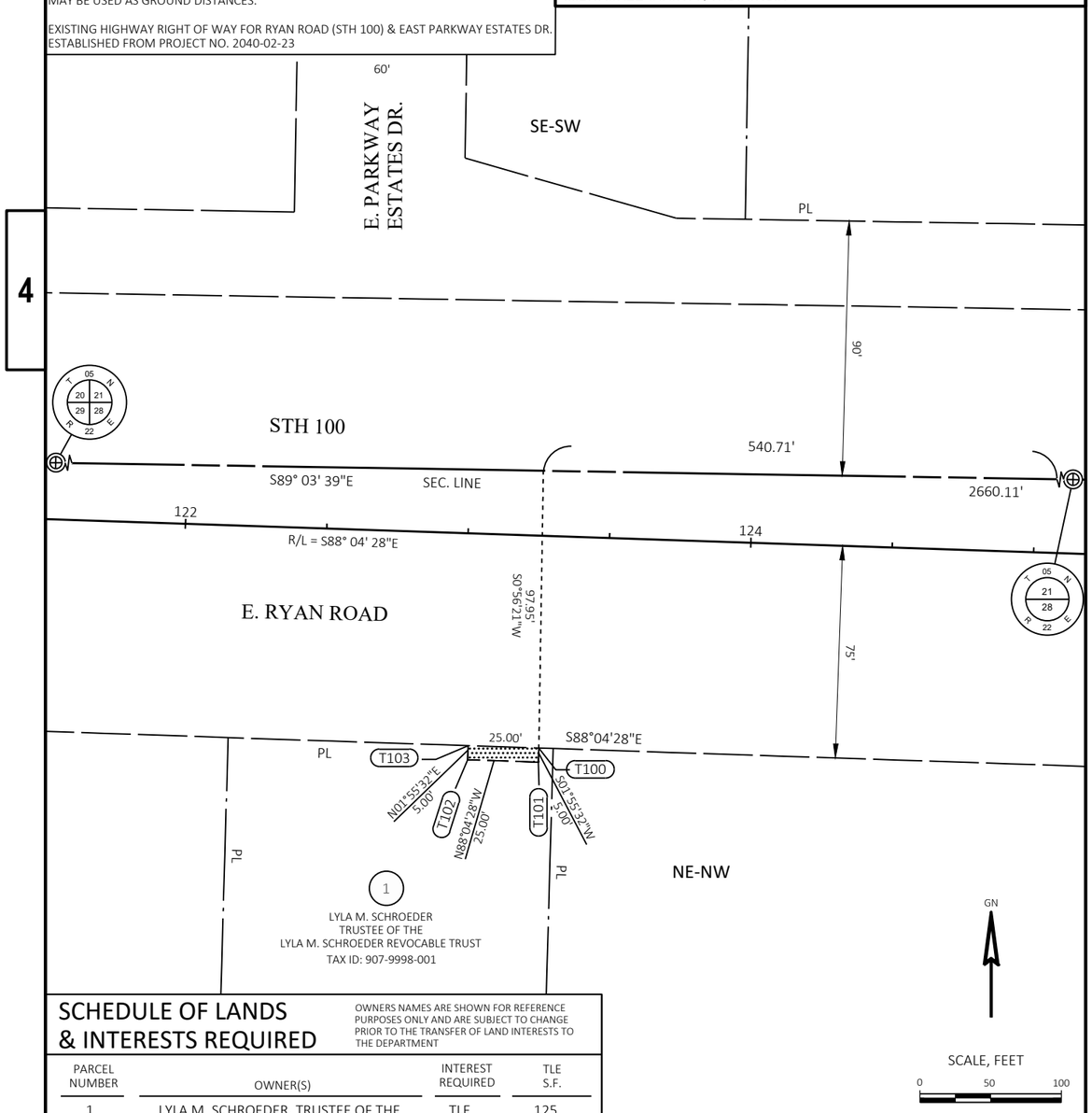
POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), MILWAUKEE COUNTY, NAD 83 (2011) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

EXISTING HIGHWAY RIGHT OF WAY FOR RYAN ROAD (STH 100) & EAST PARKWAY ESTATES DR. ESTABLISHED FROM PROJECT NO. 2040-02-23

R/W PROJECT NUMBER: 2040-23-20 | SHEET NUMBER: 4.01

RIGHT-WAY-EXHIBIT ACQUISITION EXHIBIT
CITY OF OAK CREEK, RYAN ROAD
STH 38 TO SHEPARD AVE.
STH 100 MILWAUKEE COUNTY

THE NORTHEAST 1/4 OF THE NORTHWEST 1/4 OF SECTION 28, TOWNSHIP 5 NORTH, RANGE 22 EAST, CITY OF OAK CREEK, MILWAUKEE COUNTY, WISCONSIN



SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	TLE S.F.
1	LYLA M. SCHROEDER, TRUSTEE OF THE LYLA M. SCHROEDER REVOCABLE TRUST	TLE	125

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
N/A	N/A	N/A

THIS MAP IS APPROVED FOR THE DEPARTMENT OF TRANSPORTATION
SOUTHEAST REGION - WAUKESHA

SIGNATURE: Robert L Duffeck DATE: 08/28/24

PRINT NAME: Robert L. Duffeck

NOTES:
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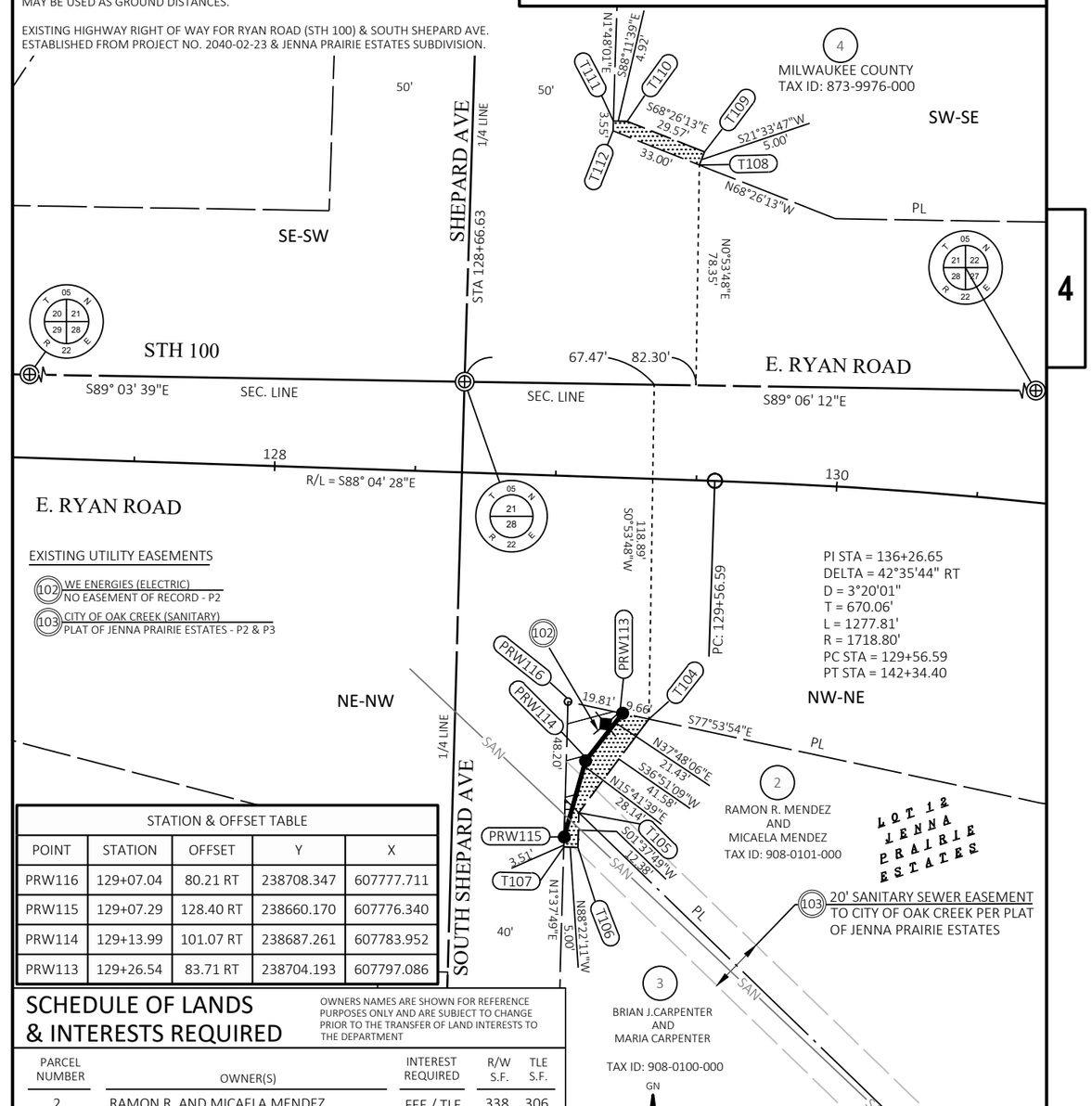
EXISTING HIGHWAY RIGHT OF WAY FOR RYAN ROAD (STH 100) & SOUTH SHEPARD AVE. ESTABLISHED FROM PROJECT NO. 2040-02-23 & JENNA PRAIRIE ESTATES SUBDIVISION.

R/W PROJECT NUMBER: 2040-23-20 | SHEET NUMBER: 4.02

RIGHT-WAY-EXHIBIT ACQUISITION EXHIBIT
CITY OF OAK CREEK, RYAN ROAD
STH 38 TO SHEPARD AVE.
STH 100 MILWAUKEE COUNTY

THE SOUTHWEST 1/4 OF THE SOUTHEAST 1/4 OF SECTION 21 AND THE NORTHWEST 1/4 OF THE NORTHEAST 1/4 OF SECTION 28, TOWNSHIP 5 NORTH, RANGE 22 EAST, CITY OF OAK CREEK, MILWAUKEE COUNTY, WISCONSIN



STATION & OFFSET TABLE				
POINT	STATION	OFFSET	Y	X
PRW116	129+07.04	80.21 RT	238708.347	607777.711
PRW115	129+07.29	128.40 RT	238660.170	607776.340
PRW114	129+13.99	101.07 RT	238687.261	607783.952
PRW113	129+26.54	83.71 RT	238704.193	607797.086

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	R/W S.F.	TLE S.F.
2	RAMON R. AND MICAELA MENDEZ	FEE / TLE	338	306
3	BRIAN J.AND MARIA CARPENTER	FEE / TLE	18	55
4	MILWAUKEE COUNTY	TLE	---	165

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
102	WE ENERGIES (ELECTRIC)	RELEASE OF RIGHTS
103	CITY OF OAK CREEK (SANITARY)	RELEASE OF RIGHTS

Standard Detail Drawing List

08A05-22C	INLET COVERS TYPE F, HM, HM-S, S, T, HM-GJ & HM-GJ-S
08D01-24A	CONCRETE CURB & GUTTER
08D01-24B	CONCRETE CURB, TIES AND CURB AND GUTTER APPLICATIONS
08D04-07	CONCRETE SURFACE DRAINS & ASPHALTIC FLUMES
08D05-22A	CURB RAMPS TYPES 1 AND 1-A
08D05-22B	CURB RAMPS TYPES 2 AND 3
08D05-22C	CURB RAMPS TYPES 4A AND 4A1
08D05-22D	CURB RAMPS TYPES 4B AND 4B1
08D05-22E	CURB RAMPS TYPES 5, 6, 7A, 7B & 8
08D05-22F	CURB RAMPS RADIAL DETECTABLE WARNING FIELD APPLICATIONS
08D05-22G	CURB RAMPS RECTANGULAR AND RADIAL DETECTABLE WARNING PLATES
08E09-06	SILT FENCE
08E10-02	INLET PROTECTION TYPE A, B, C AND D
08F04-08	JOINT TIES FOR CONCRETE PIPE AND CONCRETE COLLAR DETAIL
09B02-10	CONDUIT
09B04-13	PULL BOX
09C02-09	CONCRETE BASES, TYPES 1, 2, 5, & 6
09C03-04	TRANSFORMER/PEDESTAL BASES
09C06-07	CONCRETE CONTROL CABINET BASE, TYPE 9, SPECIAL
09C11-11	CONCRETE BASE TYPE 10
09C15-03	CONCRETE BASE TYPE 10 SPECIAL
09C16-01	CONCRETE BASE TYPE 10 SPECIAL EXTENSION
09D01-05	CABINET SERVICE INSTALLATION (METER BREAKER PEDESTAL)
09D02-03	SIGNAL CONTROL CABINET
09E01-17B	POLE MOUNTINGS FOR TRAFFIC SIGNALS AND LIGHTING UNITS, TYPE 3 (HEAVY DUTY)
09E01-17G	HARDWARE DETAILS FOR POLE MOUNTINGS
09E03-06	NON-FREEWAY LIGHTING UNIT POLE WIRING
09E06-06	TRAFFIC SIGNAL STANDARD POLY BRACKET MOUNTINGS (TYPICAL) 13 FT. OR 15 FT.
09E08-10A	TYPE 9 POLE 15'-30' MONOTUBE ARM
09E08-10B	TYPE 9 SPECIAL POLE 35' MONOTUBE ARM
09E08-10C	TYPE 9 SPECIAL POLE 40' MONOTUBE ARM
09E08-10D	TYPE 9 SPECIAL POLE 45' MONOTUBE ARM
09E08-10F	TYPE 10 SPECIAL POLE 35' MONOTUBE ARM
09E08-10K	GENERAL NOTES, HARDWARE DETAILS FOR TYPE 9, 10, 9/10 SPECIAL,12 & 13 POLES W/ MONOTUBE ARMS
09F15-05A	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)
09F15-05B	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)
09F15-05C	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 3)
13C19-03	HMA LONGITUDINAL JOINTS
15C07-16B	PAVEMENT MARKING WORDS
15C07-16C	PAVEMENT MARKING ARROWS
15C08-24A	PERMANENT LONGITUDINAL PAVEMENT MARKINGS
15C08-24B	TEMPORARY LONGITUDINAL PAVEMENT MARKING
15C08-24C	PAVEMENT MARKING (TURN LANES)
15C08-24D	PAVEMENT MARKING (TURN LANES)
15C11-11A	CHANNELIZING DEVICES FLEXIBLE TUBULAR MARKER POST
15C11-11B	CHANNELIZING DEVICES DRUMS, CONES, BARRICADES AND VERTICAL PANELS
15C18-09B	PAVEMENT MARKINGS, MEDIAN ISLAND NOSE
15C19-11B	MOVING PAVEMENT MARKING OPERATION MULTI-LANE UNDIVIDED ROADWAY
15C33-05	STOP LINE AND CROSSWALK PAVEMENT MARKING
15C35-06A	PAVEMENT MARKING (INTERSECTIONS)
15D12-16A	TRAFFIC CONTROL, LANE CLOSURE
15D20-11A	TRAFFIC CONTROL, SINGLE LANE CLOSURE, DIVIDED NON-FREEWAY/EXPRESSWAY
15D21-07A	TRAFFIC CONTROL, INTERSECTION WITHIN SINGLE LANE CLOSURE
15D21-07B	TRAFFIC CONTROL, INTERSECTION WITHIN SINGLE LANE CLOSURE
15D22-08	TRAFFIC CONTROL, TWO LANE CLOSURE, NON-FREEWAY/EXPRESSWAY
15D23-07A	TRAFFIC CONTROL, INTERSECTION WITHIN TWO LANE CLOSURE
15D23-07B	TRAFFIC CONTROL, INTERSECTION WITHIN TWO LANE CLOSURE
15D30-12A	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-12B	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-12C	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-12D	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-12E	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-12F	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-12G	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-12H	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-12I	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

6

Standard Detail Drawing List

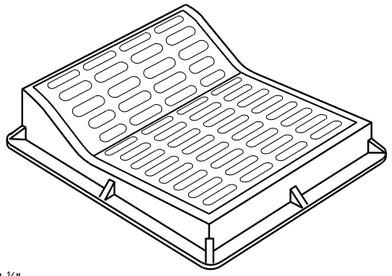
15D30-12J	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-12K	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-12L	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D50-04A	TRAFFIC CONTROL, ADDED LANE CLOSURE WITHOUT LANE SHIFT

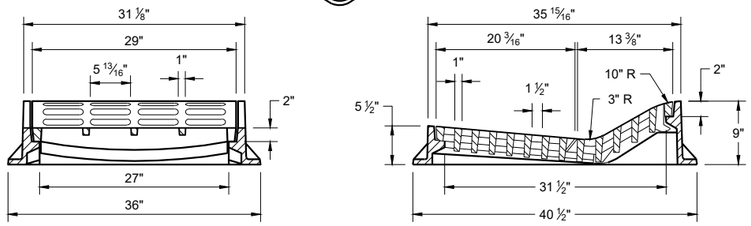
6

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

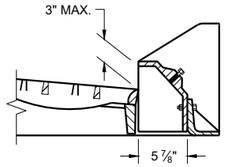
DETAIL DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR INLET COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.





TYPE "F"

USE WITH TYPES "A" AND "D" CONCRETE CURB AND GUTTER, 36"

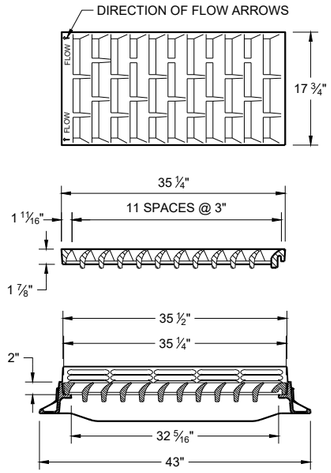


ALTERNATIVE CURB BOX FOR TYPE "HM" COVER

USE WITH TYPES "G" AND "J" CONCRETE CURB AND GUTTER, 30 INCH
NOTED AS TYP "HM-GJ" ON DRAINAGE TABLE

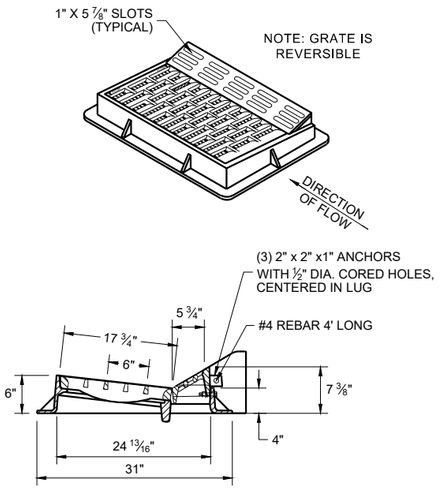
NOTE:
SPECIAL GRATE FOR THE TYPE "H" COVER MAY ALSO BE USED FOR THE TYPE "HM-GJ" COVER.

NOTED AS TYPE HM-GJ-S ON THE DRAINAGE TABLE.



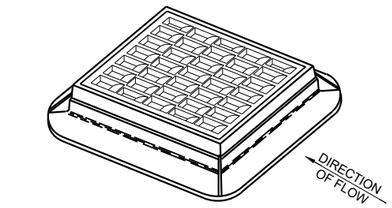
TYPE "HM"

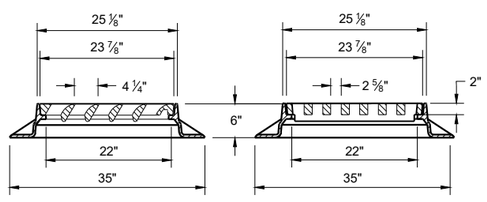
USE WITH TYPES "A" AND "D" CONCRETE CURB AND GUTTER, 36"



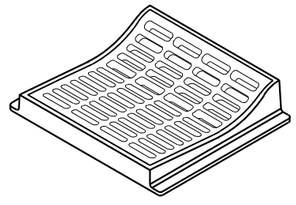
NOTE:
SPECIAL GRATE FOR THE TYPE "H" COVER MAY ALSO BE USED FOR THE TYPE "HM-GJ" COVER.

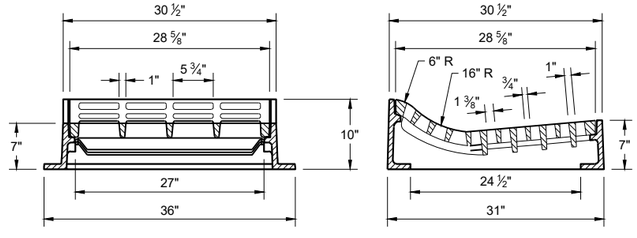
NOTED AS TYPE HM-GJ-S ON THE DRAINAGE TABLE.





TYPE "S"





TYPE "T"

USE WITH TYPES "R" AND "T" CONCRETE CURB AND GUTTER, 36"

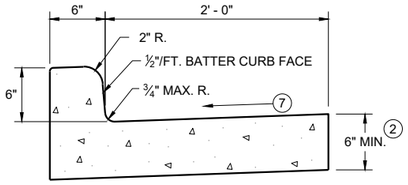
INLET COVERS
TYPES F, HM, HM-S, S, T, HM-GJ AND HM-GJ-S

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

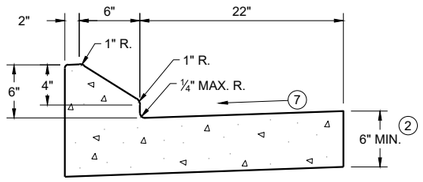
APPROVED
February 2025 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

FHWA

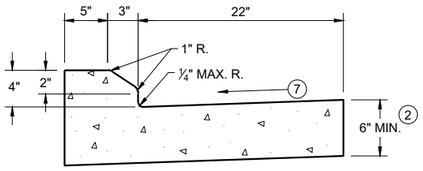
6
SDD 08A05-22c



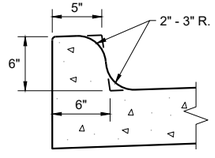
TYPES A (1) & D



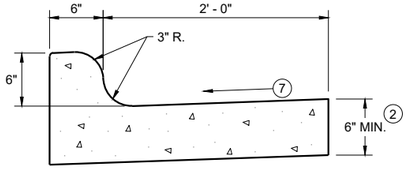
6" SLOPED CURB TYPES G (1) & J



4" SLOPED CURB TYPES G (1) & J

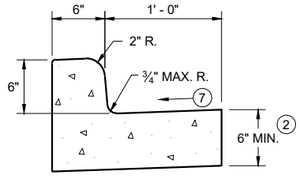


TYPES K (1) & L
(OPTIONAL CURB SHAPE)



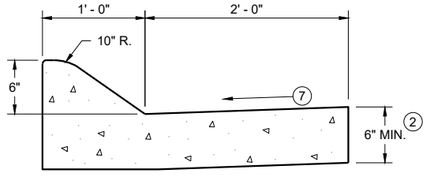
TYPES K (1) & L

CONCRETE CURB AND GUTTER 30"

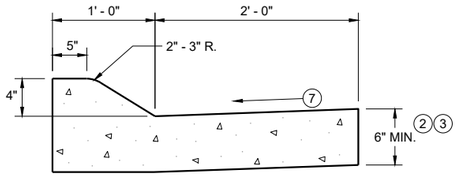


TYPES A (1) & D

CONCRETE CURB AND GUTTER 18"

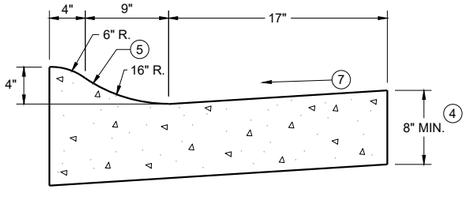


6" SLOPED CURB TYPES A (1) & D



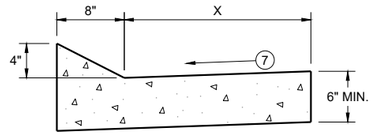
4" SLOPED CURB TYPES A (1) & D

CONCRETE CURB AND GUTTER 36"



4" SLOPED CURB TYPES R (1) & T
CONCRETE CURB AND GUTTER 30"

TBT & TBTT	X
30"	22"
36"	28"

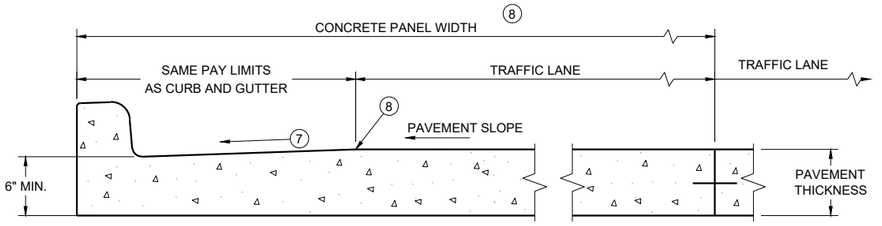


TYPES TBT & TBTT (1)

CONCRETE CURB AND GUTTER

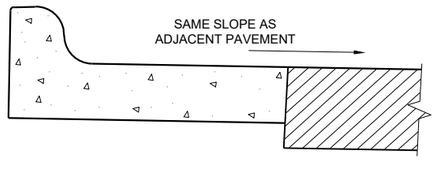
PAVEMENT THICKNESS AND MAXIMUM CONCRETE PANEL WIDTH TABLE

PAVEMENT THICKNESS	MAXIMUM PANEL WIDTH
LESS THAN 10"	12'
10" & ABOVE	15'



PARTIAL SECTION OF PAVEMENT WITH INTEGRAL CURB AND GUTTER *

* BIKE LANE IS NOT SHOWN



REVERSE SLOPE GUTTER (6)
(TYPICAL FOR ALL CURB & GUTTER TYPES)

GENERAL NOTES

DETAILS OF CONSTRUCTION AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

PAVEMENT TIES AND TIE BARS SHALL BE EPOXY COATED IN CONFORMANCE WITH SUBSECTION 505.2.6.2 OF THE STANDARD SPECIFICATIONS.

INTEGRAL CURB AND GUTTER SHALL CONFORM TO THE DETAILS SHOWN FOR CONCRETE CURB AND GUTTER INCLUDING THE TRANSVERSE GUTTER SLOPE.

UNLESS OTHERWISE SHOWN ON THE TYPICAL CROSS SECTIONS, THE BASE AGGREGATE AND COMMON EXCAVATION LIMITS ARE 2' - 0" BEHIND THE BACK OF CURBS.

(1) TIE BARS ARE REQUIRED FOR CURB AND GUTTERS TYPES A, G, K, R, AND TBTT.

(2) THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.

(3) USE 8" MINIMUM GUTTER THICKNESS WHEN USED WITH AN ADJACENT CONCRETE TRUCK APRON PLACED BEHIND BACK OF CURB.

(4) THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 8" MINIMUM GUTTER THICKNESS IS MAINTAINED.

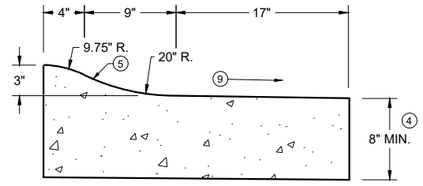
(5) UNLESS OTHERWISE NOTED, FOR STAKING PURPOSES THE FACE OF CURB IS 6" FROM THE BACK OF CURB.

(6) WHEN REVERSE SLOPE GUTTER IS REQUIRED, THE LOCATION(S) WILL BE SHOWN ELSEWHERE IN THE PLAN.

(7) USE 4% GUTTER CROSS SLOPE UNLESS OTHERWISE NOTED IN THE PLANS.

(8) INCLUDE LONGITUDINAL JOINT AND TIE BARS ALONG LANE EDGE WHEN CONCRETE PANEL WIDTH EXCEEDS THE MAXIMUM WIDTH PER TABLE BELOW. LONGITUDINAL JOINT(S) ARE NOT ALLOWED WITHIN TRAFFIC LANES AND BIKE LANES. LONGITUDINAL JOINT MAY BE SAWED.

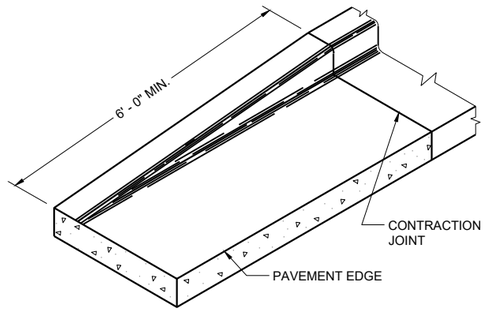
(9) SLOPE TO BE REVERSE SLOPE MATCHING THE SLOPE OF THE PAVEMENT AND THE CIRCULATORY ROADWAY



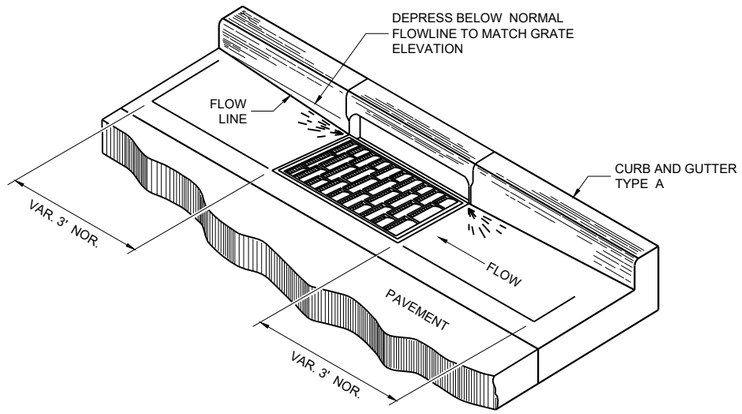
3" SLOPED CURB TYPES R (1) & T

CONCRETE CURB AND GUTTER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



END SECTION CURB AND GUTTER



DETAIL OF CURB AND GUTTER AT INLETS

(TYPICAL H INLET COVER SHOWN)

GENERAL NOTES

DETAILS OF CONSTRUCTION AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

PAVEMENT TIES AND TIE BARS SHALL BE EPOXY COATED IN CONFORMANCE WITH SUBSECTION 505.2.6.2 OF THE STANDARD SPECIFICATIONS.

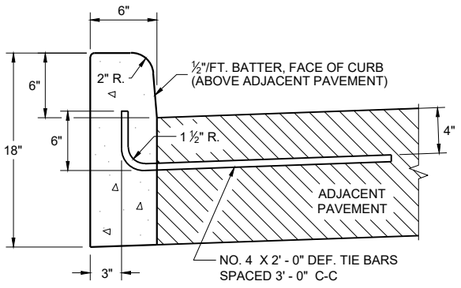
UNLESS OTHERWISE SHOWN ON THE TYPICAL CROSS SECTIONS, THE BASE AGGREGATE AND COMMON EXCAVATION LIMITS ARE 2' - 0" BEHIND THE BACK OF CURBS.

(1) TIE BARS ARE REQUIRED FOR CURB AND GUTTERS TYPES A, G, K, R, AND TBTT.

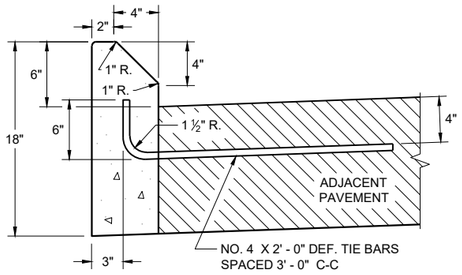
(2) THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.

(10) REFER TO SDD 08D18 AND 08D19 FOR ADDITIONAL DRIVEWAY ENTRANCE CURB DETAILS.

(11) PLACE 1" THICK EXPANSION JOINT MATERIAL BETWEEN VERTICAL FACE CURB TYPES EXTENDING FROM THE TOP OF CURB TO 1 INCH BELOW THE ADJOINING CONCRETE SURFACE. RIGID CONCRETE STRUCTURES INCLUDE RAISED CONCRETE MEDIANS, CONCRETE SAFETY ISLANDS, SPLITTER ISLANDS, OR LOCATIONS IDENTIFIED ON THE PLANS.

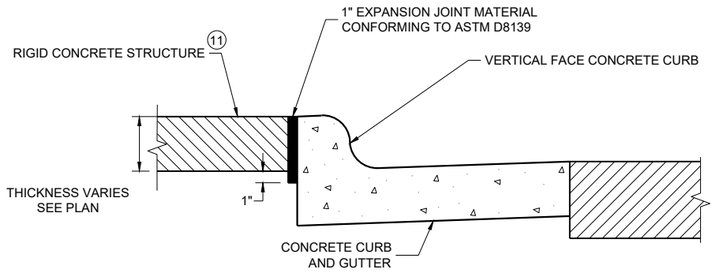


TYPES A (1) & D

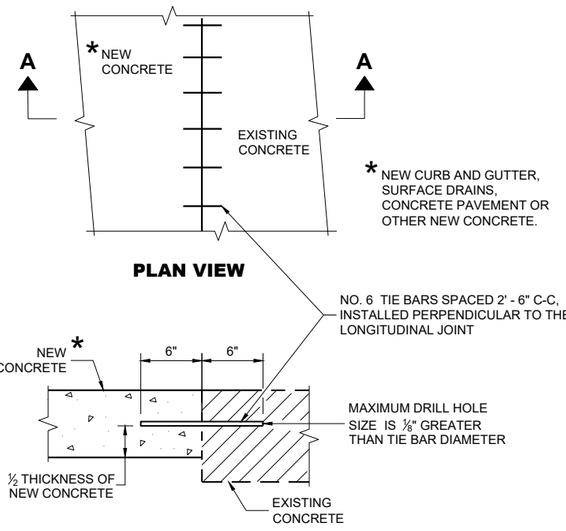


TYPES G (1) & J

CONCRETE CURB



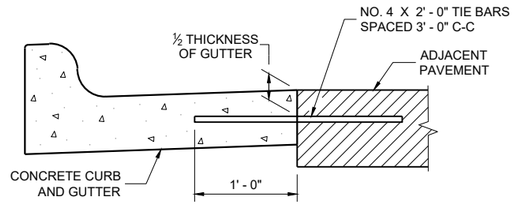
EXPANSION JOINT DETAIL FOR VERTICAL CURB ABUTTING A RIGID STRUCTURE (11)



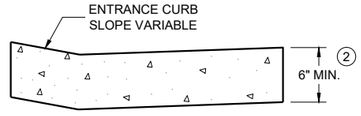
PLAN VIEW

SECTION A - A

TIE BARS DRILLED INTO EXISTING PAVEMENT



TYPICAL TIE BAR LOCATION (1)



DRIVEWAY ENTRANCE CURB (10)

(WHEN DIRECTED BY THE ENGINEER)

CONCRETE CURB, TIES AND CURB AND GUTTER APPLICATIONS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2025 — DATE
/S/ Rodnery Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

FHWA

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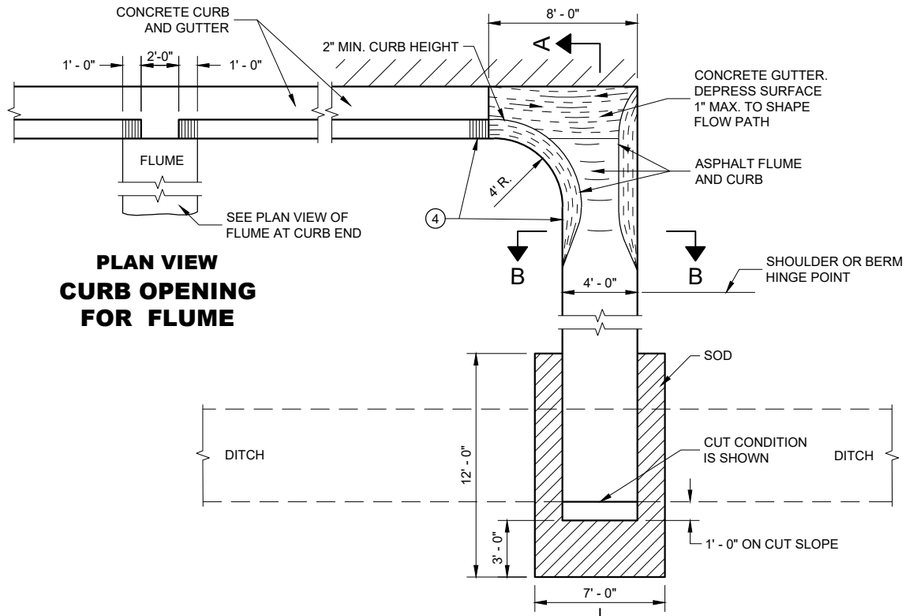
SDD 08D01-24b

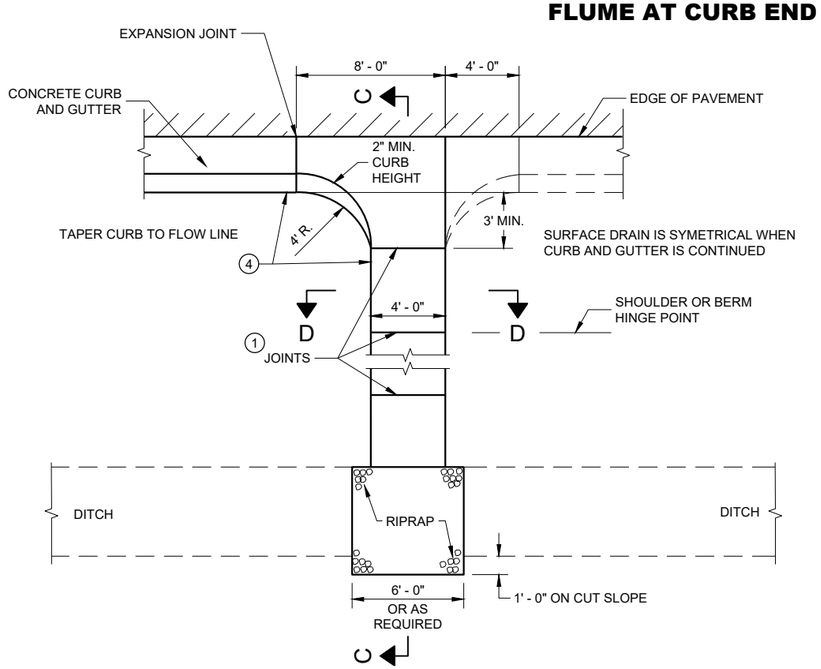
NOTE: TAPER CURB ENDS TO GUTTER IN 1' - 0"

ASPHALTIC FLUME



PLAN VIEW
CURB OPENING FOR FLUME

PLAN VIEW
FLUME AT CURB END



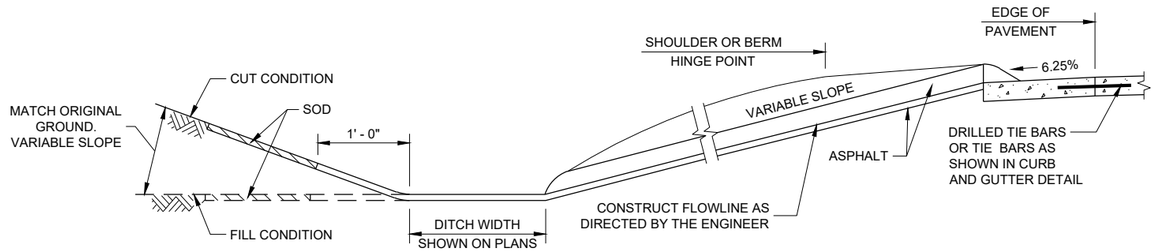
PLAN VIEW
CONCRETE SURFACE DRAIN

GENERAL NOTES

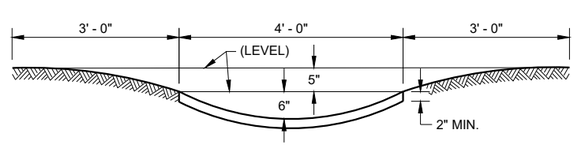
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

4" X 4" - W3.0 X W3.0 CONCRETE REINFORCEMENT SHALL BE IN ACCORDANCE WITH AASHTO SPECIFICATION M55.

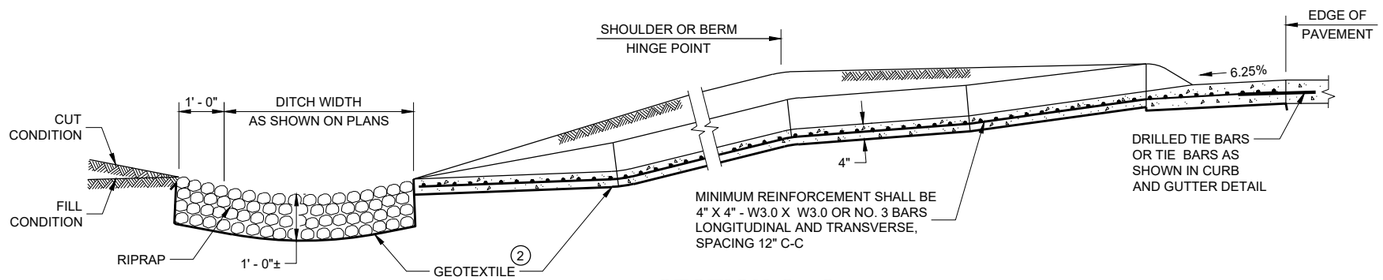
1. JOINTS SHALL BE ⅛" TO ¼" WIDE BY 1½" DEEP AND SPACED AT UNIFORM INTERVALS OF APPROXIMATELY 4 FEET.
2. GEOTEXTILE TYPE "R" SHALL UNDERLAY THE FULL LENGTH AND WIDTH OF THE CONCRETE SURFACE DRAIN AND RIPRAP.
3. CONCRETE SURFACE DRAIN WITHOUT CURB AND GUTTER MAY BE USED ON BACKSLOPES WHEN SPECIFIED.
4. ANGLE OF FLUME IN RELATION TO BACK OF CURB TO BE CONSTRUCTED PER THE PLAN DETAILS OR AS DIRECTED BY THE ENGINEER. ANGLE OF FLUME MAY BE OTHER THAN 90 DEGREES AS SHOWN.



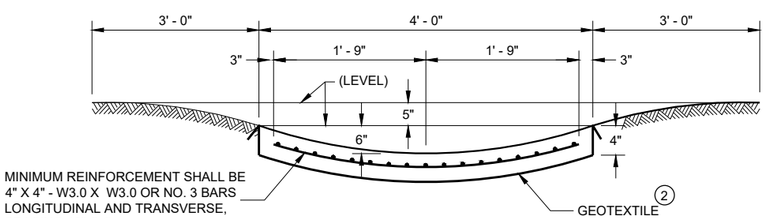
SECTION A - A



SECTION B - B



SECTION C - C



SECTION D - D

CONCRETE SURFACE DRAINS AND ASPHALTIC FLUMES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

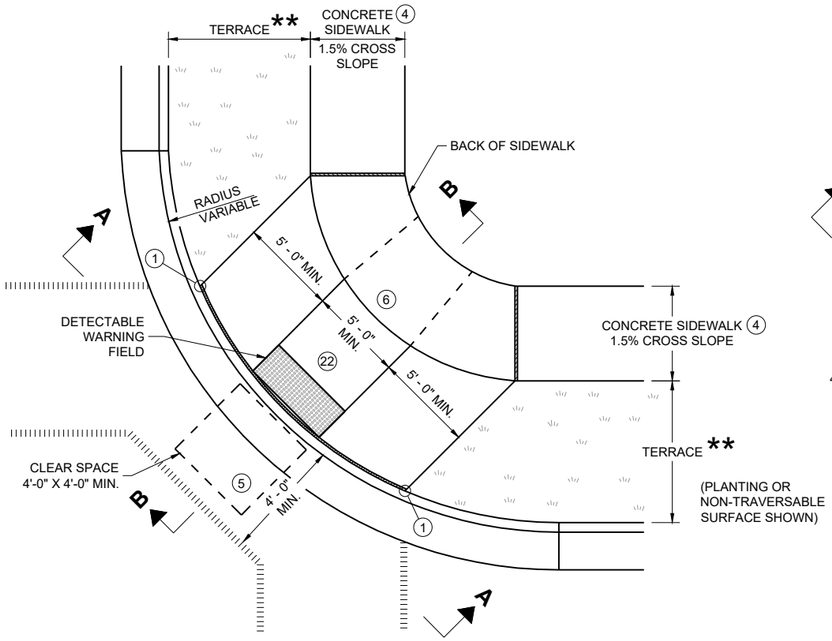
APPROVED
May 2023
DATE

/S/ Rodney Taylor
ROADWAY STANDARDS DEVE ENGINEER

FHWA

6

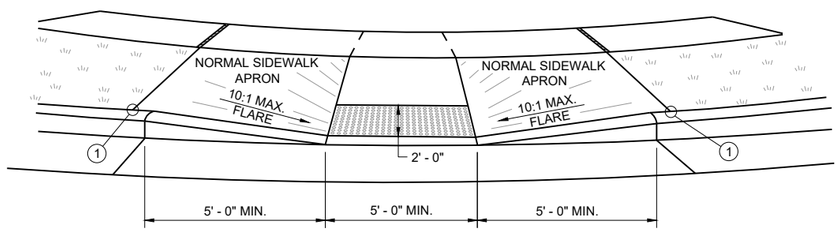
SDD 08D04 - 07



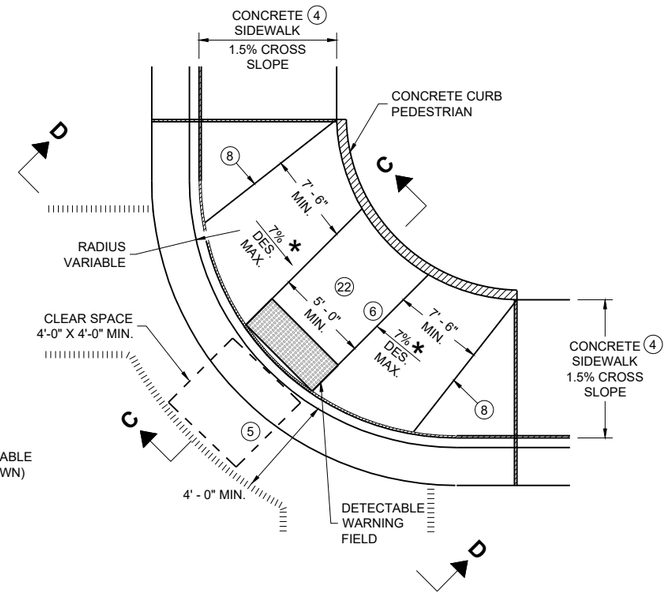
PLAN VIEW

CURB RAMP TYPE 1

(CENTER OF CORNER RADIUS)



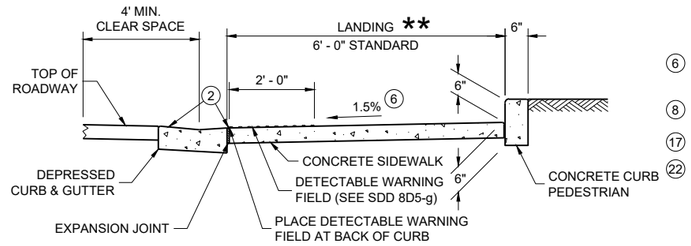
VIEW A - A FOR TYPE 1



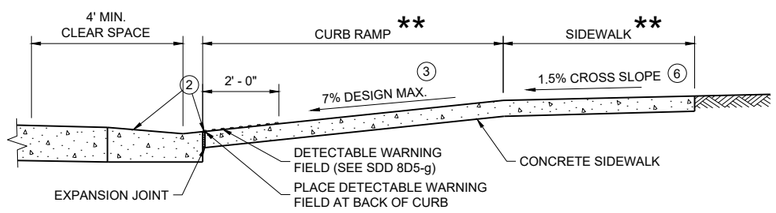
PLAN VIEW

CURB RAMP TYPE 1 - A

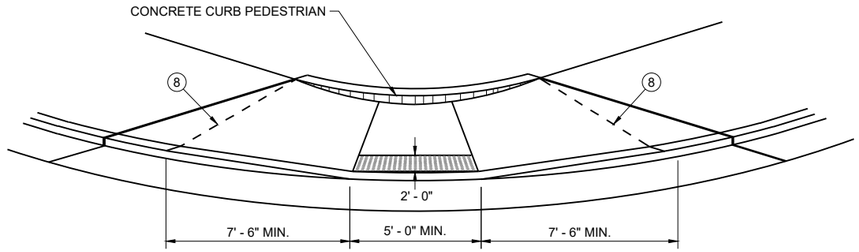
(NO TERRACE)



SECTION C - C FOR TYPE 1 - A



SECTION B - B FOR TYPE 1



VIEW D - D FOR TYPE 1 - A

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF CURB RAMP ACCESS AREAS.

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

WHEN NECESSARY, THE SIDEWALK ELEVATION MAY BE LOWERED TO MEET THE HIGH POINT ON THE CURB RAMP.

TYPE 1 CURB RAMPS SHALL HAVE A NORMAL SIDEWALK APRON AND CURB ON BOTH SIDES OF CURB RAMP.

DETECTABLE WARNING FILED SHALL BE MEASURED AND PAID BY THE SQUARE FOOT AS "CURB RAMP DETECTABLE WARNING FIELD". THE CONCRETE PEDESTRIAN CURB, IF NEEDED, SHALL BE MEASURED AND PAID BY THE LINEAR FOOT AS "CONCRETE CURB PEDESTRIAN". CONCRETE SIDEWALK IN THE CURB RAMP AREA SHALL BE MEASURED AND PAID BY THE SQUARE FOOT AS CONCRETE SIDEWALK, INCLUDING THE AREA UNDER THE DETECTABLE WARNING FIELD.

SELECT CURB RAMP DETECTABLE WARNING FIELD MATERIALS AND DEVICES FROM THE DEPARTMENT'S APPROVED MATERIALS LIST. THE COLOR OF THE DETECTABLE WARNING FIELD IS SPECIFIED ELSEWHERE AND IS INCIDENTAL TO THE BID ITEM OF "CURB RAMP DETECTABLE WARNING FIELD"

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

SURFACE TEXTURE OF THE RAMP SHALL BE OBTAINED BY COARSE BROOMING TRANSVERSE TO THE SLOPE OF THE CURB RAMP.

(1) THIS POINT IS AN EXTENSION OF OUTSIDE EDGE OF APPROACHING SIDEWALK WHERE IT MEETS THE BACK OF CONCRETE CURB. POINT LOCATION MAY BE ADJUSTED TO ALIGN WITH BEGINNING OF FULL-HEIGHT CURB IF THIS DISTANCE IS SHORT.

(2) GRADE CHANGE BETWEEN GUTTER COUNTER SLOPE AND THE CURB RAMP SLOPE IS DESIRABLY 11% OR LESS AND SHALL NOT EXCEED 13.3%. TYPICAL GUTTER COUNTER SLOPE IS 4% BUT MAY BE MODIFIED TO FIT FIELD CONDITIONS. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5%, DESIRABLY 7% OR LESS, AND SHALL NOT EXCEED A MAXIMUM OF 8.3%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) MAXIMUM 8.3% CURB RAMP SLOPE IS ALLOWABLE WITH GUTTER COUNTER SLOPE OF 5% MAXIMUM AND A 13.3% MAXIMUM GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2.1% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(5) PROVIDE A CLEAR SPACE IN THE STREET AND GUTTER AREA. WHEN THE GUTTER CROSS SLOPE EXCEEDS 2.1%, CONSTRUCT THE CLEAR SPACE IN THE STREET AREA AND THE 4 FOOT WIDTH IS MEASURED FROM THE FLANGE LINE. FOR RECONSTRUCTION AND MODERNIZATION PROJECTS THE CLEAR SPACE SLOPE PARALLEL TO THE CURBLINE SHOULD BE 2.1% MAX FOR CROSSINGS THAT ARE STOP AND YIELD CONTROLLED, AND 5% MAX FOR THOSE THAT ARE SIGNAL CONTROLLED. FOR PERPETUATION AND REHABILITATION PROJECTS THE SLOPE OF THE CLEAR SPACE PARALLEL TO THE CURBLINE WILL MATCH THE ROADWAY LONGITUDINAL SLOPE. THE SLOPE OF THE CLEAR SPACE PERPENDICULAR TO THE CURBLINE WILL MATCH THE ROADWAY CROSS SLOPE BUT SHOULD NOT EXCEED 5% UNLESS THE ROADWAY IS SUPERELEVATED (WHEN SUPERELEVATED THE ROADWAY CROSS SLOPE SHOULD MATCH THE SUPERELEVATION).

(6) PROVIDE A 5 FOOT BY 5 FOOT LANDING. SLOPE PERPENDICULAR TO CURB SHALL BE 2.1% MAXIMUM. SLOPE PARALLEL TO CURB SHALL MATCH THE CURB AND GUTTER LONGITUDINAL SLOPE.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

(17) A MAXIMUM 2-INCH CONCRETE BORDER IS PERMITTED ALONG ALL SIDES OF THE DETECTABLE WARNING FIELD SURFACE.

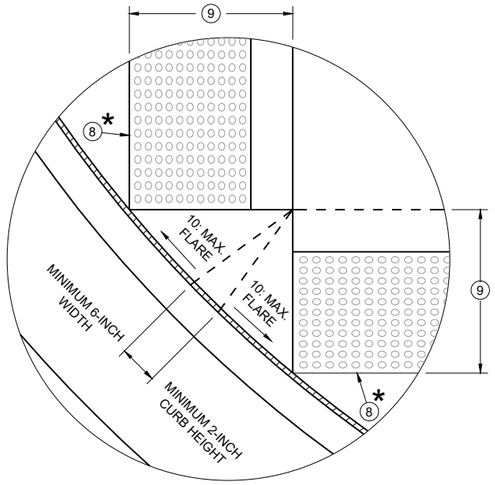
(22) THE ENTIRE RAMP SHALL BE A PLANAR SURFACE. DO NOT WARP THE RUNNING SLOPE OR CROSS SLOPE OF THE RAMP. WARPING OF THE SIDEWALK CROSS SLOPE SHALL TAKE PLACE BETWEEN THE LANDING AND MATCH POINT.

LEGEND

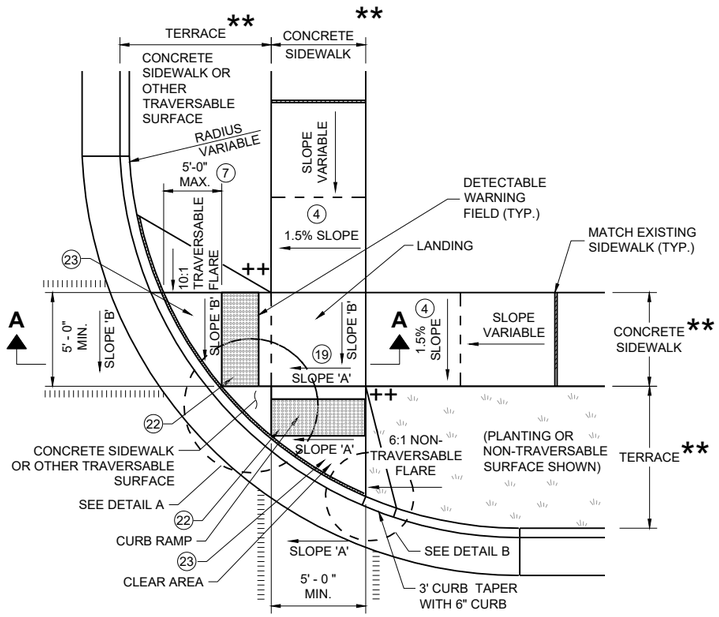
- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)
- * MAXIMUM 8.3%
- ** WIDTH SHOWN ELSEWHERE IN THE PLANS

CURB RAMPS TYPE 1 AND 1-A

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



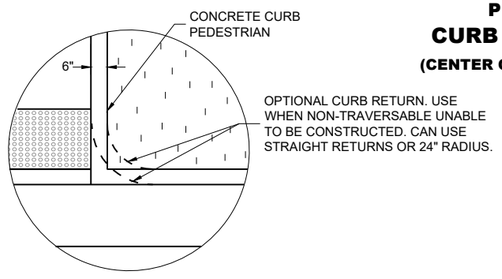
DETAIL A



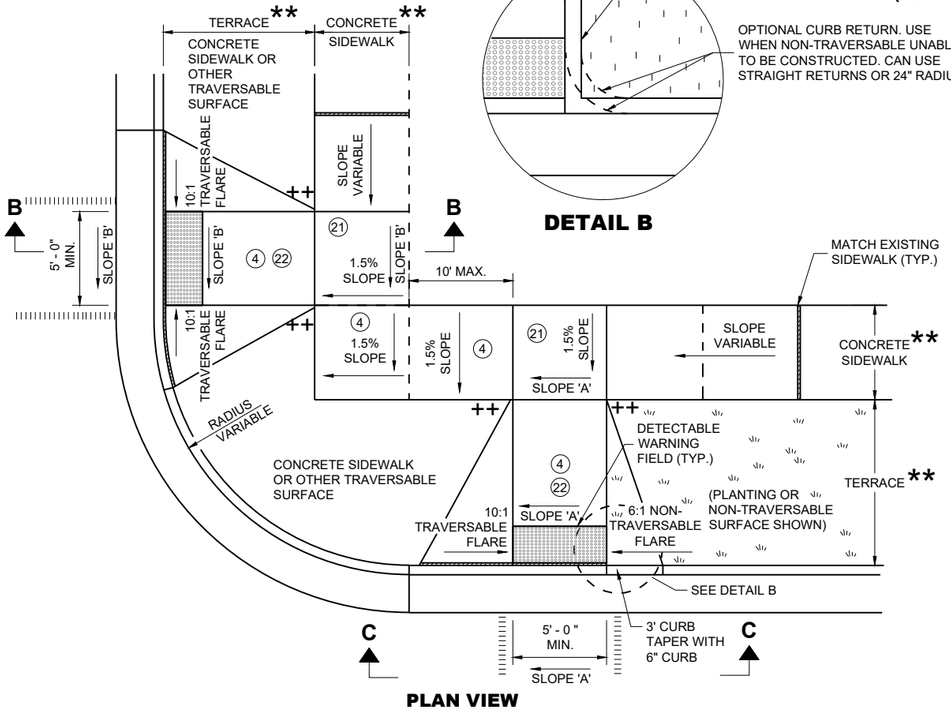
PLAN VIEW

CURB RAMP TYPE 2

(CENTER OF CORNER RADIUS)



DETAIL B



PLAN VIEW

CURB RAMP TYPE 3

(OUTSIDE OF CROSSWALK AREA)

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF CURB RAMP ACCESS AREAS.

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE SHALL BE FROM THE SAME MANUFACTURER.

(2) GRADE CHANGE BETWEEN GUTTER COUNTER SLOPE AND THE CURB RAMP SLOPE IS DESIRABLY 11% OR LESS AND SHALL NOT EXCEED 13.3%. TYPICAL GUTTER COUNTER SLOPE IS 4% BUT MAY BE MODIFIED TO FIT FIELD CONDITIONS. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5%, DESIRABLY 7% OR LESS, AND SHALL NOT EXCEED A MAXIMUM OF 8.3%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) MAXIMUM 8.3% CURB RAMP SLOPE IS ALLOWABLE WITH GUTTER COUNTER SLOPE OF 5% MAXIMUM AND A 13.3% MAXIMUM GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2.1% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(7) WHEN GRADE BREAK DISTANCE EXCEEDS 5 FEET, USE RADIAL DETECTABLE WARNING FIELD PER SDD 8D5-f.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

(9) WHEN DISTANCE IS LESS THAN 6' - 0", IT MAY BE DIFFICULT TO ACHIEVE A 7% DESIGN MAXIMUM SLOPE OR FLATTER ALONG THE RAMP. REDUCE CURB HEIGHT IN TRIANGLE AREA TO ACHIEVE 7% DESIGN MAXIMUM SLOPE OR FLATTER ON RAMP. CONSTRUCT 2-INCH MINIMUM CURB HEIGHT BETWEEN 10:1 FLARES.

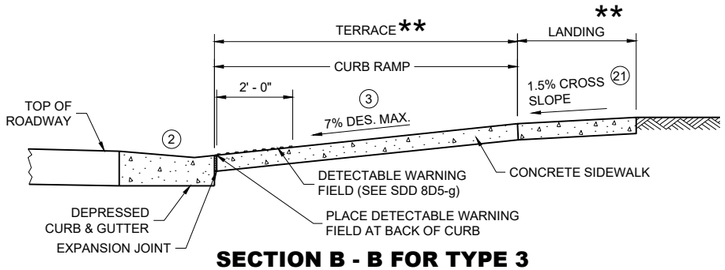
(17) A MAXIMUM 2-INCH CONCRETE BORDER IS PERMITTED ALONG ALL SIDES OF THE DETECTABLE WARNING FIELD SURFACE.

(19) WHERE A LANDING SERVES TWO CURB RAMPS, THE LANDING SLOPE SHALL NOT EXCEED THE CROSS SLOPE AT THE BOTTOM OF THE RAMP OR WITHIN THE CROSSWALK PARALLEL TO THE DIRECTION OF TRAVEL.

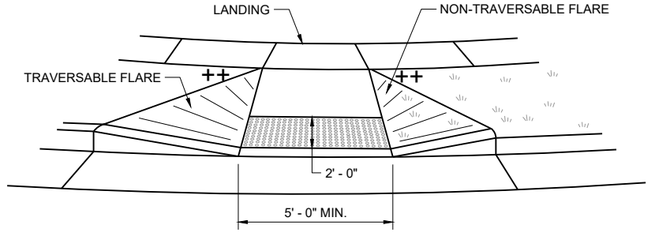
(21) PROVIDE A LANDING WITH A SLOPE PARALLEL TO ROADWAY THAT MATCHES SLOPE AT THE BOTTOM OF THE ADJACENT RAMP. SLOPE PERPENDICULAR TO ROADWAY SHALL BE 2.1% MAXIMUM. STANDARD LANDING SIZE IS 5 FEET BY 5 FEET.

(22) THE ENTIRE RAMP SHALL BE A PLANAR SURFACE. DO NOT WARP THE RUNNING SLOPE OR CROSS SLOPE OF THE RAMP. WARPING OF THE SIDEWALK CROSS SLOPE SHALL TAKE PLACE BETWEEN THE LANDING AND MATCH POINT.

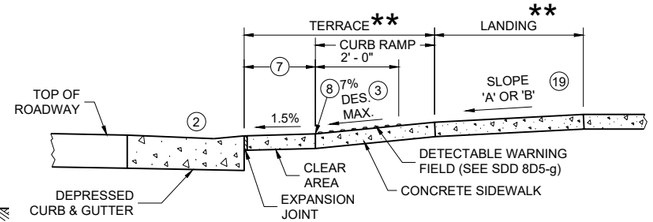
(23) THE CLEAR AREA BETWEEN THE BOTTOM OF RAMP AND BACK OF CURB SHALL BE SLOPED SO THAT WATER DRAINS OUT OF ONE SIDE OR BOTH SIDES OF THE CURB OPENING.



SECTION B - B FOR TYPE 3



VIEW C - C FOR TYPE 3



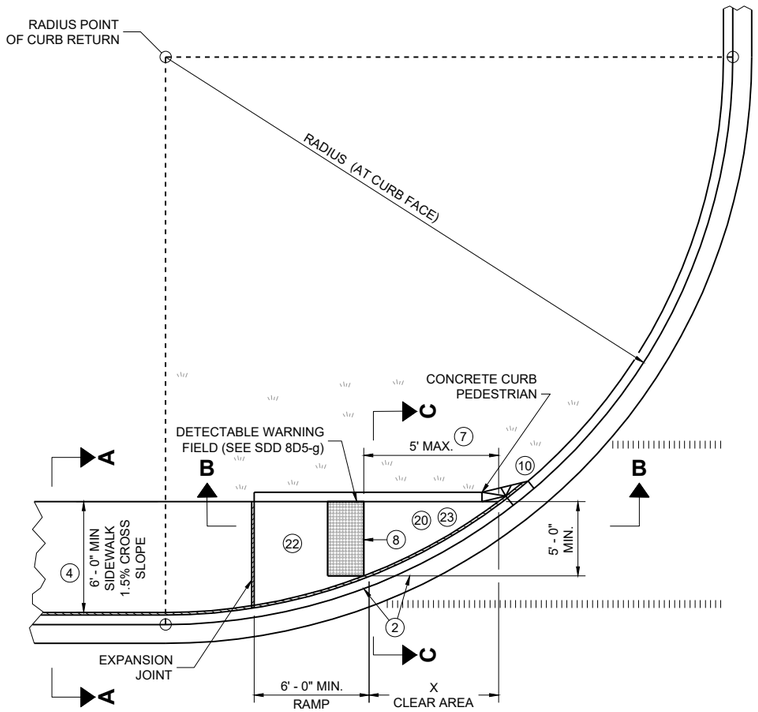
SECTION A - A FOR TYPE 2

LEGEND

▨	½" EXPANSION JOINT SIDEWALK
- - - -	CONTRACTION JOINT SIDEWALK
ıllıllıllıllıllı	PAVEMENT MARKING CROSSWALK (WHITE)
*	MAXIMUM 2.1% SLOPE IN ALL DIRECTIONS IN FRONT OF GRADE BREAK
**	WIDTH SHOWN ELSEWHERE IN THE PLANS
++	CONSTRUCT 6" WEDGE TO AVOID CONCRETE BREAKAGE

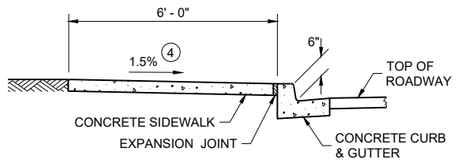
CURB RAMPS TYPE 2 AND 3

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

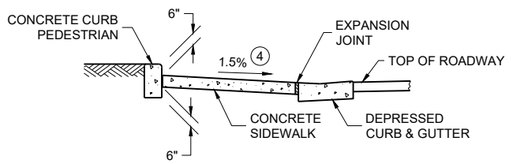


PLAN VIEW

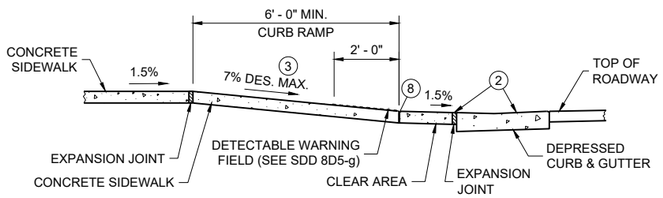
CURB RAMP TYPE 4A



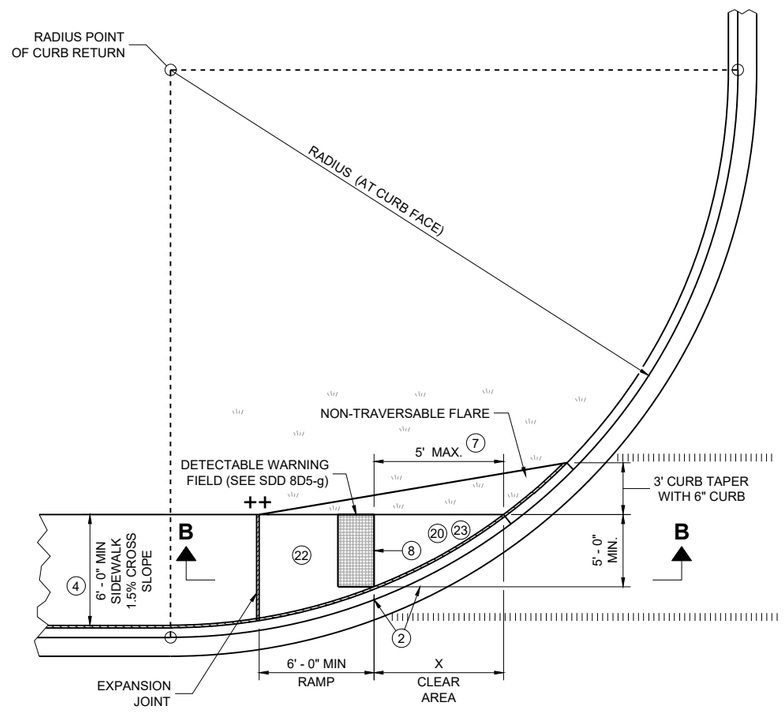
SECTION A - A FOR TYPE 4A



SECTION C - C FOR TYPE 4A



SECTION B - B FOR TYPE 4A AND TYPE 4A1



PLAN VIEW

CURB RAMP TYPE 4A1

LEGEND

- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT SIDEWALK
- PAVEMENT MARKING CROSSWALK (WHITE)
- ++ CONSTRUCT 6" WEDGE TO AVOID CONCRETE BREAKAGE

RADIUS (AT CURB FACE)	X
10 FEET	4' - 7"

INTERMEDIATE RADII CAN BE INTERPOLATED

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF CURB RAMP ACCESS AREAS.

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

(2) GRADE CHANGE BETWEEN GUTTER COUNTER SLOPE AND THE CURB RAMP SLOPE IS DESIRABLY 11% OR LESS AND SHALL NOT EXCEED 13.3%. TYPICAL GUTTER COUNTER SLOPE IS 4% BUT MAY BE MODIFIED TO FIT FIELD CONDITIONS. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5%, DESIRABLY 7% OR LESS, AND SHALL NOT EXCEED A MAXIMUM OF 8.3%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) MAXIMUM 8.3% CURB RAMP SLOPE IS ALLOWABLE WITH GUTTER COUNTER SLOPE OF 5% MAXIMUM AND A 13.3% MAXIMUM GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2.1% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(7) WHEN THIS GRADE BREAK DISTANCE EXCEEDS 5 FEET, USE RADIAL DETECTABLE WARNING FIELD PER SDD 8D5-f.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

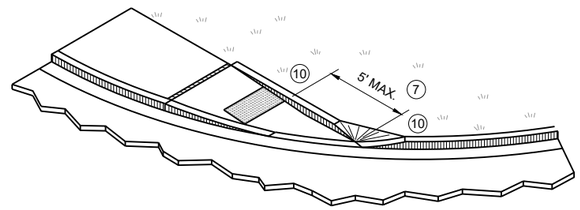
(10) INSTALL TRANSITION NOSE (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.

(17) A MAXIMUM 2-INCH CONCRETE BORDER IS PERMITTED ALONG ALL SIDES OF THE DETECTABLE WARNING FIELD SURFACE.

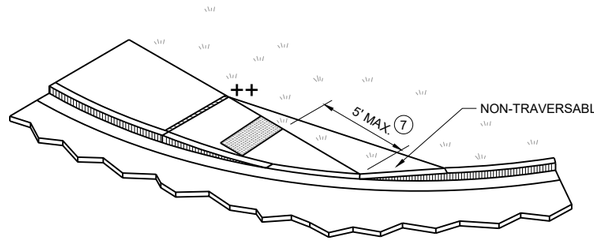
(20) MAXIMUM 1.5% DESIGN MAXIMUM AND 2.1% PROWAG MAXIMUM RUNNING SLOPE ON CLEAR AREA. CROSS SLOPE OF CLEAR AREA SHALL MATCH THE CROSS SLOPE OF THE ADJACENT CROSSWALK.

(22) THE ENTIRE RAMP SHALL BE A PLANAR SURFACE. DO NOT WARP THE RUNNING SLOPE OR CROSS SLOPE OF THE RAMP. WARPING OF THE SIDEWALK CROSS SLOPE SHALL TAKE PLACE BETWEEN THE LANDING AND MATCH POINT.

(23) THE CLEAR AREA BETWEEN THE BOTTOM OF RAMP AND BACK OF CURB SHALL BE SLOPED SO THAT WATER DRAINS OUT OF ONE SIDE OR BOTH SIDES OF THE CURB OPENING.



ISOMETRIC VIEW FOR TYPE 4A

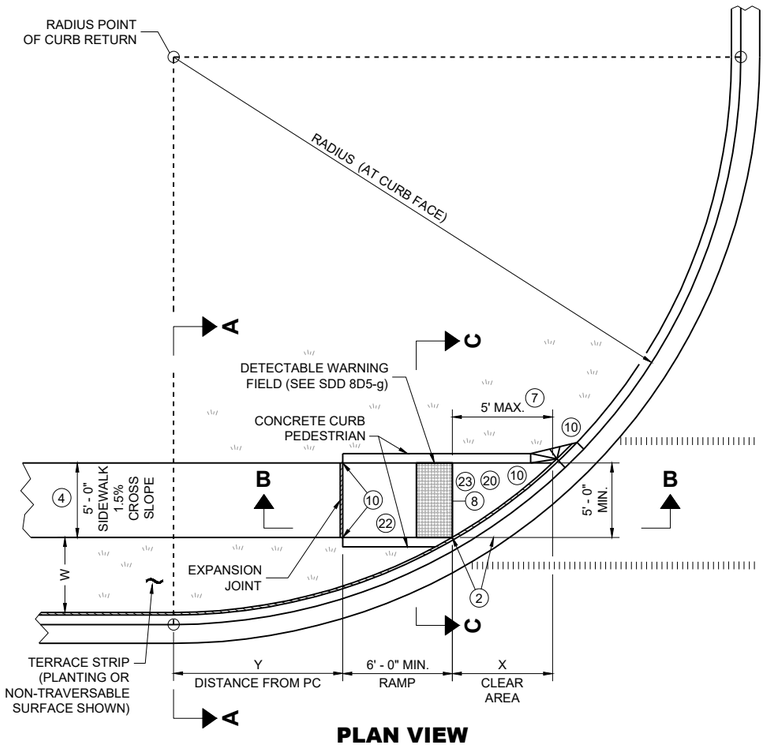


ISOMETRIC VIEW FOR TYPE 4A1

CURB RAMPS
TYPE 4A AND 4A1

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

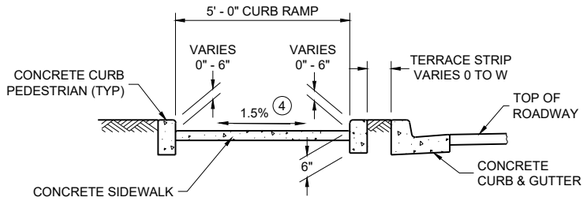
6
SDD 08D05-22c



PLAN VIEW
CURB RAMP TYPE 4B

RADIUS (AT CURB FACE)	W = 3' - 0"		W = 4' - 0"		W = 5' - 0"		W = 6' - 0"		W = 7' - 0"		W = 8' - 0"		W = 9' - 0"		W = 10' - 0"	
	X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	X	Y
10 FEET	2' - 10 ¼"	0' - 5"	2' - 1"	1' - 4 ½"	1' - 5"	2' - 1"	0' - 10"	2' - 7 ½"	0' - 3 ¼"	3' - 0 ¼"						
15 FEET	4' - 6 ¾"	2' - 1 ¾"	3' - 9"	3' - 5 ¾"	3' - 1 ¼"	4' - 6"	2' - 6 ¾"	5' - 4 ½"	2' - 1"	6' - 1"	1' - 8"	6' - 8 ½"	1' - 3 ¼"	7' - 2 ½"	0' - 10 ¾"	7' - 7 ¼"
20 FEET			4' - 11 ½"	5' - 1 ¾"	4' - 3 ¼"	6' - 5 ½"	3' - 8 ¾"	7' - 7"	3' - 3"	8' - 6 ½"	2' - 10"	9' - 4 ½"	2' - 5 ½"	10' - 1 ¼"	2' - 1 ¼"	10' - 9"
30 FEET									4' - 10 ¾"	12' - 5 ¾"	4' - 5 ½"	13' - 7 ¾"	4' - 0 ¾"	14' - 8 ½"	3' - 8 ½"	15' - 8 ¼"
40 FEET															4' - 10 ¾"	19' - 8 ¼"

INTERMEDIATE RADII CAN BE INTERPOLATED
DIMENSION "Y" IS CALCULATED BASED ON 6'-0" RAMP LENGTH
DIMENSION "X" IS CALCULATED BASED ON 5'-0" SIDEWALK WIDTH



SECTION C - C FOR TYPE 4B

LEGEND

- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT SIDEWALK
- PAVEMENT MARKING CROSSWALK (WHITE)
- * MAXIMUM 2.1% SLOPE IN ALL DIRECTIONS IF FRONT OF GRADE BREAK
- ++ CONSTRUCT 6" WEDGE TO AVOID CONCRETE BREAKAGE

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF CURB RAMP ACCESS AREAS.

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

(2) GRADE CHANGE BETWEEN GUTTER COUNTER SLOPE AND THE CURB RAMP SLOPE IS DESIRABLY 11% OR LESS AND SHALL NOT EXCEED 13.3%. TYPICAL GUTTER COUNTER SLOPE IS 4% BUT MAY BE MODIFIED TO FIT FIELD CONDITIONS. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5%, DESIRABLY 7% OR LESS, AND SHALL NOT EXCEED A MAXIMUM OF 8.3%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) MAXIMUM 8.3% CURB RAMP SLOPE IS ALLOWABLE WITH GUTTER COUNTER SLOPE OF 5% MAXIMUM AND A 13.3% MAXIMUM GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2.1% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(7) WHEN THIS GRADE BREAK DISTANCE EXCEEDS 5 FEET, USE RADIAL DETECTABLE WARNING FIELD PER SDD 8D5-f.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

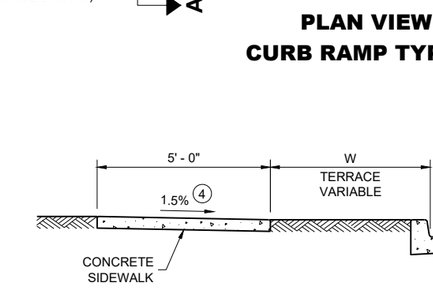
(10) INSTALL TRANSITION NOSE (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.

(17) A MAXIMUM 2-INCH CONCRETE BORDER IS PERMITTED ALONG ALL SIDES OF THE DETECTABLE WARNING FIELD SURFACE.

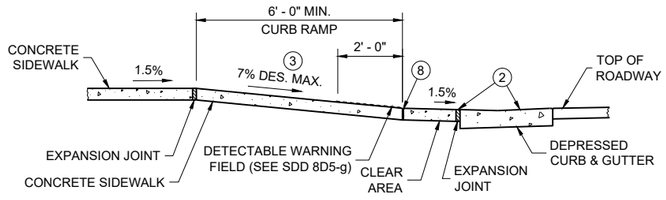
(20) MAXIMUM 1.5% DESIGN MAXIMUM AND 2.1% PROWAG MAXIMUM RUNNING SLOPE ON CLEAR AREA. CROSS SLOPE OF CLEAR AREA SHALL MATCH THE CROSS SLOPE OF THE ADJACENT CROSSWALK.

(22) THE ENTIRE RAMP SHALL BE A PLANAR SURFACE. DO NOT WARP THE RUNNING SLOPE OR CROSS SLOPE OF THE RAMP. WARPING OF THE SIDEWALK CROSS SLOPE SHALL TAKE PLACE BETWEEN THE LANDING AND MATCH POINT.

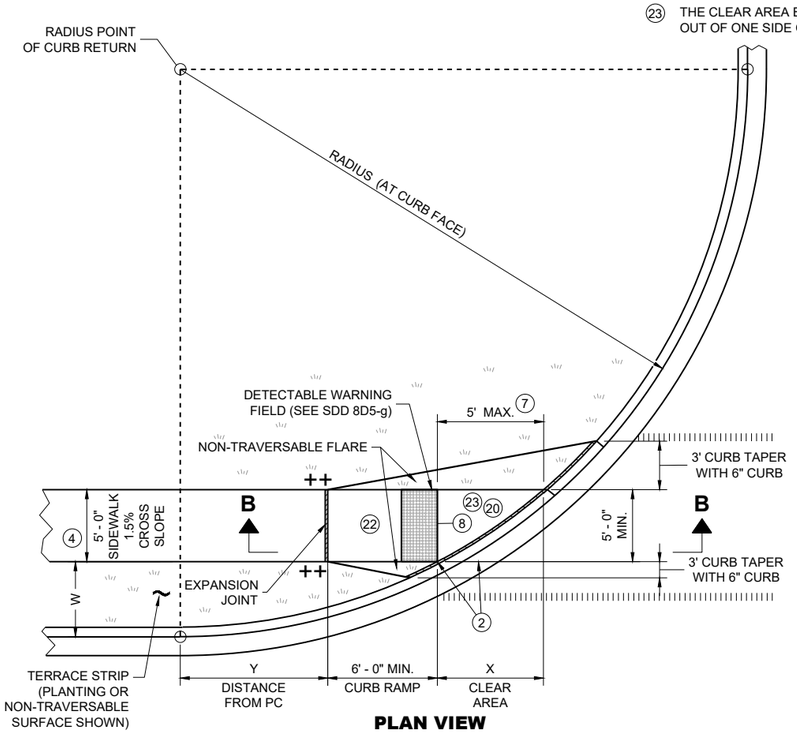
(23) THE CLEAR AREA BETWEEN THE BOTTOM OF RAMP AND BACK OF CURB SHALL BE SLOPED SO THAT WATER DRAINS OUT OF ONE SIDE OR BOTH SIDES OF THE CURB OPENING.



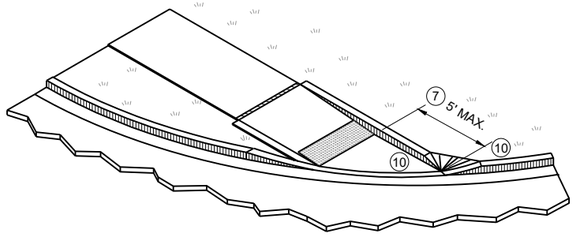
SECTION A - A FOR TYPE 4B



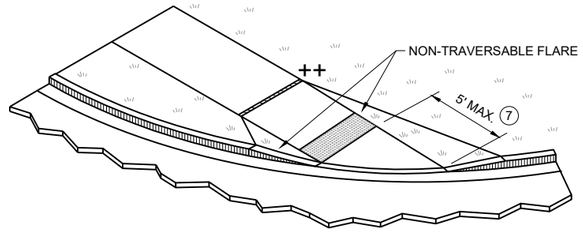
SECTION B - B FOR TYPE 4B AND TYPE 4B1



PLAN VIEW
CURB RAMP TYPE 4B1



ISOMETRIC VIEW FOR TYPE 4B



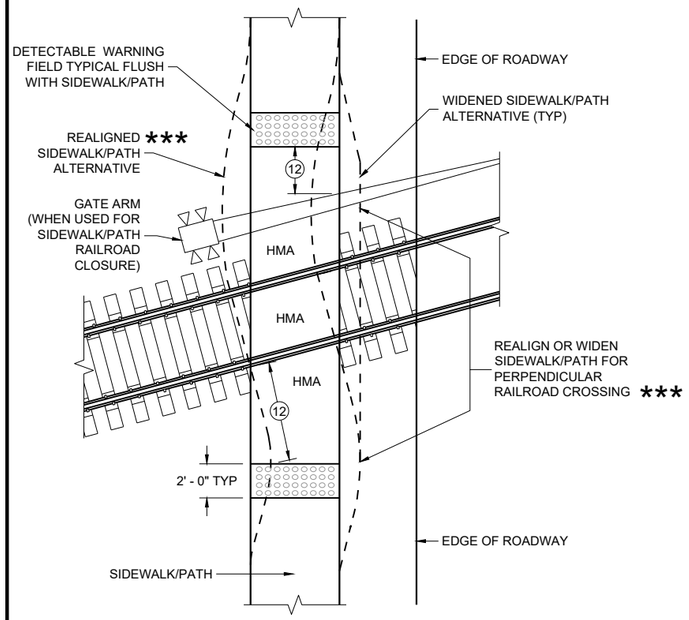
ISOMETRIC VIEW FOR TYPE 4B1

CURB RAMPS
TYPE 4B AND 4B1

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

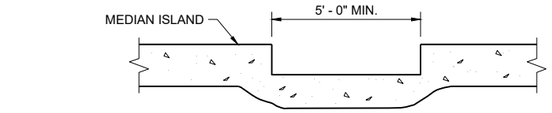
6

SDD 08D05-22d

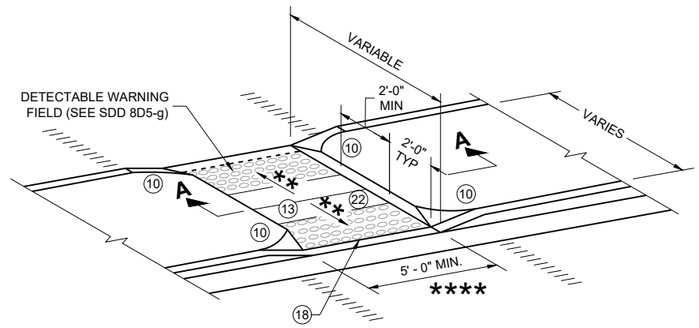


CURB RAMP TYPE 8

DETECTABLE WARNINGS FOR SIDEWALKS OR SHARED USE PATHS AT RAILROAD CROSSINGS



SECTION A - A FOR TYPE 5



CURB RAMP TYPE 5

MEDIAN ISLAND NON-ELEVATED PEDESTRIAN CROSSING

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF CURB RAMP ACCESS AREAS.

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2.1%.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

(2) GRADE CHANGE BETWEEN GUTTER COUNTER SLOPE AND THE CURB RAMP SLOPE IS DESIRABLY 11% OR LESS AND SHALL NOT EXCEED 13.3%. TYPICAL GUTTER COUNTER SLOPE IS 4% BUT MAY BE MODIFIED TO FIT FIELD CONDITIONS. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5%, DESIRABLY 7% OR LESS, AND SHALL NOT EXCEED A MAXIMUM OF 8.3%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) MAXIMUM 8.3% CURB RAMP SLOPE IS ALLOWABLE WITH GUTTER COUNTER SLOPE OF 5% MAXIMUM AND A 13.3% MAXIMUM GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2.1% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A 5 FOOT BY 5 FOOT LANDING. SLOPE PERPENDICULAR TO CURB SHALL BE 2.1% MAXIMUM. SLOPE PARALLEL TO CURB SHALL MATCH THE CURB AND GUTTER LONGITUDINAL SLOPE.

(10) INSTALL TRANSITION NOSE (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.

(11) SLOPE SIDEWALK TOWARD LANDING AS SHOWN WHERE THERE IS NO TERRACE OR WHERE THE TERRACE WIDTH IS LESS THAN 6 FEET WIDE.

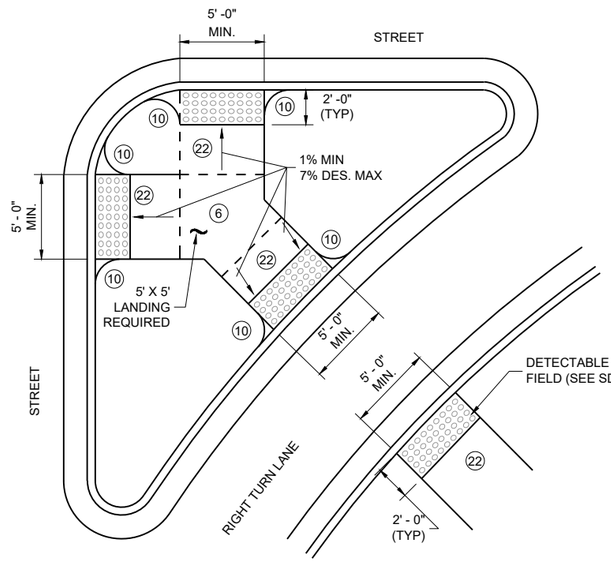
(12) THE EDGE OF THE DETECTABLE WARNING FIELD NEAREST TO A RAILROAD CROSSING SHALL BE 1.5 FEET ±0.1' FROM THE FACE OF THE GATE ARM IF THE GATE ARM EXTENDS ACROSS THE SIDEWALK/PATH, WHERE THERE IS NO PEDESTRIAN GATE, THE EDGE OF THE DETECTABLE WARNING FIELD NEAREST TO THE RAILROAD TRACK IS 15 FEET MAXIMUM AND 12 FEET MINIMUM, 15 FEET TYPICAL FROM THE NEAREST RAIL.

(13) DO NOT INSTALL DETECTABLE WARNING FIELDS AT THE EDGES OF STEET-LEVEL PEDESTRIAN REFUGE ISLANDS IF A MINIMUM 2 FOOT CONCRETE SURFACE WITHOUT DETECTABLE WARNINGS (MEASURED IN THE DIRECTION OF PEDESTRIAN TRAVEL) CANNOT BE ACHIEVED.

(17) A MAXIMUM 2-INCH CONCRETE BORDER IS PERMITTED ALONG ALL SIDES OF THE DETECTABLE WARNING FIELD SURFACE.

(18) WHEN THE DISTANCE BETWEEN THE BACK OF CURBS IS LESS THAN 6 FEET BUT THE FACE OF CURB TO FACE OF CURB DISTANCE IS 6 FEET OR GREATER THEN THE DETECTABLE WARNING FIELDS MAY BE MOVED SO THAT THE EDGE OF THE WARNING FIELD IS PLACED AT THE GUTTER FLOWLINE. MAINTAIN A MINIMUM OF TWO FEET BETWEEN DETECTABLE WARNING FIELD PANELS.

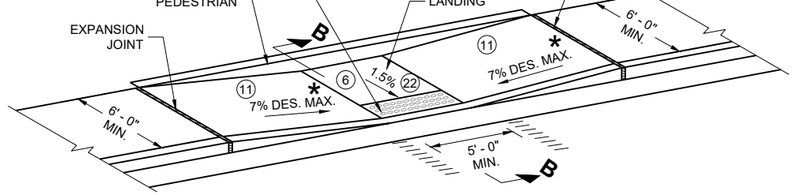
(22) THE ENTIRE RAMP SHALL BE A PLANAR SURFACE. DO NOT WARP THE RUNNING SLOPE OR CROSS SLOPE OF THE RAMP. WARPING OF THE SIDEWALK CROSS SLOPE SHALL TAKE PLACE BETWEEN THE LANDING AND MATCH POINT.



CURB RAMP TYPE 6

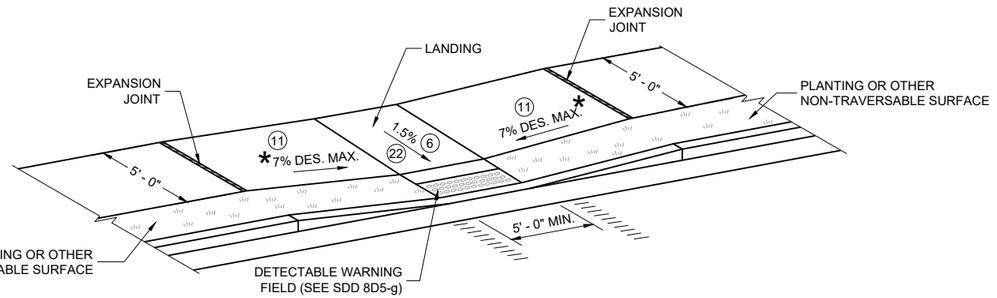
DETECTABLE WARNING AT ISLANDS

REFER TO GENERAL NOTES (2) AND (3) FOR ALL ISLAND CURB RAMPS



CURB RAMP TYPE 7A

FOR INTERSECTIONS AND MID BLOCK CROSSINGS

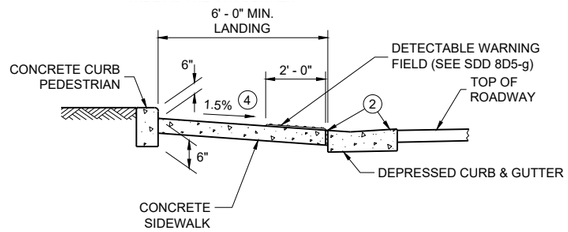


CURB RAMP TYPE 7B

FOR INTERSECTIONS AND MID BLOCK CROSSINGS

LEGEND

═══	½" EXPANSION JOINT SIDEWALK
– – – –	CONTRACTION JOINT FIELD LOCATED
ıı ıı ıı ıı	PAVEMENT MARKING CROSSWALK (WHITE)
*	MAXIMUM 8.3%
**	1% MINIMUM (PROVIDE DRAINAGE)
***	DETAILS TO BE DETERMINED BY ENGINEER
****	FOR SHARED USE PATHS, WIDTH MUST BE AS WIDE AS THE CROSSWALK

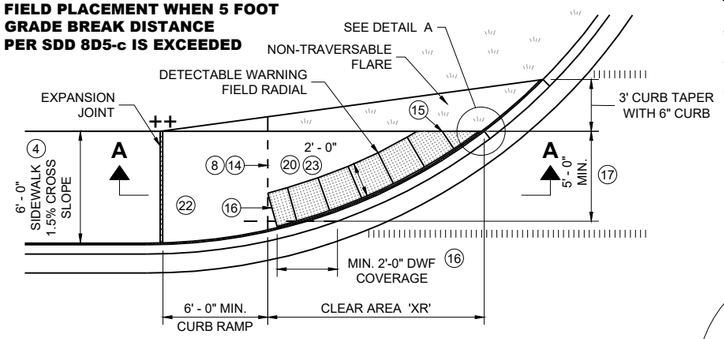


SECTION B - B FOR TYPE 7A

CURB RAMPS TYPE 5, 6, 7A, 7B & 8

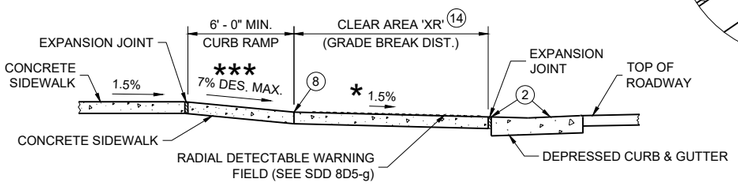
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

RADIAL DETECTABLE WARNING FIELD PLACEMENT WHEN 5 FOOT GRADE BREAK DISTANCE PER SDD 8D5-c IS EXCEEDED



PLAN VIEW

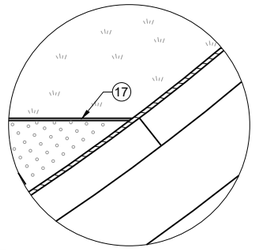
CURB RAMP TYPE 4A1
(GRADE BREAK DISTANCE GREATER THAN 5 FEET)



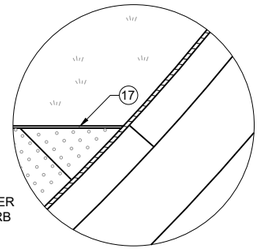
SECTION A - A FOR TYPE 4A1

LEGEND

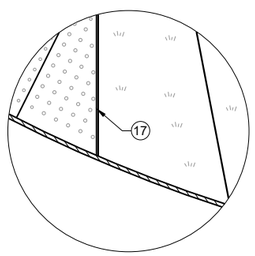
═══	½" EXPANSION JOINT SIDEWALK
– – – –	CONTRACTION JOINT SIDEWALK
ıı ıı ıı ıı	PAVEMENT MARKING CROSSWALK (WHITE)
**	WIDTH SHOWN ELSEWHERE IN THE PLANS
***	MAXIMUM 8.3%
++	CONSTRUCT 6" WEDGE TO AVOID CONCRETE BREAKAGE



DETAIL A

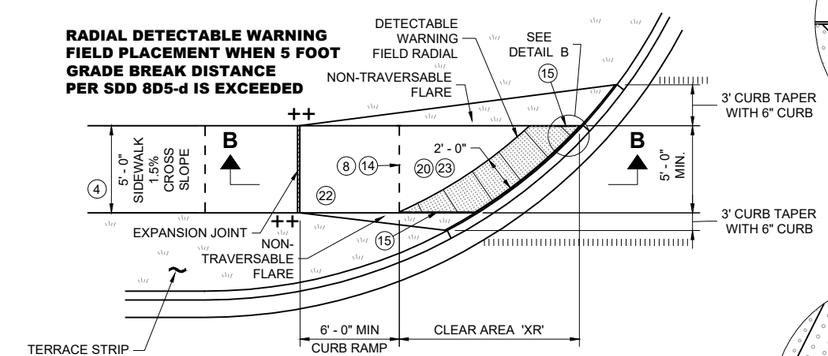


DETAIL B



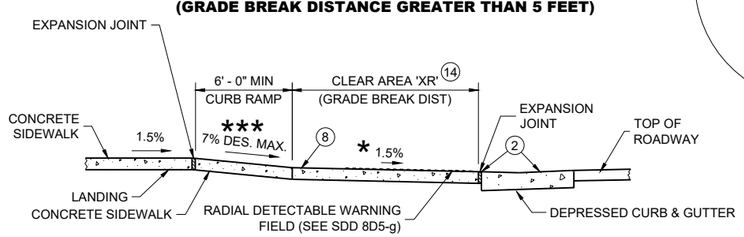
DETAIL C

RADIAL DETECTABLE WARNING FIELD PLACEMENT WHEN 5 FOOT GRADE BREAK DISTANCE PER SDD 8D5-d IS EXCEEDED



PLAN VIEW

CURB RAMP TYPE 4B1
(GRADE BREAK DISTANCE GREATER THAN 5 FEET)



SECTION B - B FOR TYPE 4B1

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF CURB RAMP ACCESS AREAS.

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

APPLY RADIAL DETECTABLE WARNING PLACEMENT SIMILARLY FOR TYPE 4A AND 4A1 CURB RAMPS AND SIMILARLY FOR TYPE 4B AND 4B1 CURB RAMPS. TYPE 4A AND 4B CURB RAMPS ARE NOT SHOWN.

REFER TO SDD 8D5-g FOR ADDITIONAL RADIAL PLATE REQUIREMENTS.

FIELD CUTS AT INTERMEDIATE JOINTS WITHIN THE RADIAL DETECTABLE WARNING FILED ARE PROHIBITED.

DETERMINE FINAL RADIAL WARNING FIELD CONFIGURATION AD ITS INDIVIDUAL PLATE LOCATIONS. PERFORM PRE-LAYOUT PRIOR TO PLACEMENT IN PLASTIC CONCRETE. FOLLOW MANUFACTURER'S PRODUCT LIST AND INSTALLATION RECOMMENDATIONS.

(2) GRADE CHANGE BETWEEN GUTTER COUNTER SLOPE AND THE CURB RAMP SLOPE IS DESIRABLY 11% OR LESS AND SHALL NOT EXCEED 13.3%. TYPICAL GUTTER COUNTER SLOPE IS 4% BUT MAY BE MODIFIED TO FIT FIELD CONDITIONS. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5%, DESIRABLY 7% OR LESS, AND SHALL NOT EXCEED A MAXIMUM OF 8.3%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) MAXIMUM 8.3% CURB RAMP SLOPE IS ALLOWABLE WITH GUTTER COUNTER SLOPE OF 5% MAXIMUM AND A 13.3% MAXIMUM GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2.1% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A 5 FOOT BY 5 FOOT LANDING. SLOPE PERPENDICULAR TO CURB SHALL BE 2.1% MAXIMUM. SLOPE PARALLEL TO CURB SHALL MATCH THE CURB AND GUTTER LONGITUDINAL SLOPE.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

(14) CONSULT ENGINEER IF GRADE BREAK LOCATION (END OF LANDING DIMENSION "XR") REQUIRES FIELD ADJUSTMENT WHEN ESTABLISHING FINAL RADIAL DETECTABLE WARNING FIELD LOCATION.

(15) FIELD SAW CUTS ALONG RADIAL DETECTABLE WARNING PLATES WILL BE NECESSARY TO MATCH EACH CURB RAMP EDGE. AVOID CUTTING THROUGH DOMES WHENEVER POSSIBLE. MAKE FIELD CUTS TRUE TO LINE AND WITHIN ⅛" DEVIATION. SMOOTH EDGES OF FIELD CUT PLATES.

(16) USE 1' X 2" RECTANGULAR END PLATE AT END OF TYPE 4A1 RAMP AND PROVIDE MINIMUM 2' - 0" DETECTABLE WARNING FIELD COVERAGE (IN DIRECTION OF PEDESTRIAN TRAVEL) ALONG THE ENTIRE CURB RAMP WIDTH.

(17) A MAXIMUM 2-INCH CONCRETE BORDER IS PERMITTED ALONG ALL SIDES OF THE DETECTABLE WARNING FIELD SURFACE.

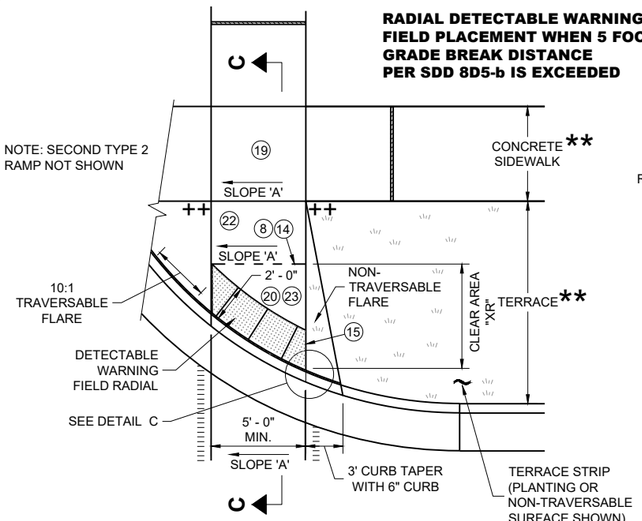
(19) WHERE A LANDING SERVES TWO CURB RAMPS, THE LANDING SLOPE SHALL NOT EXCEED THE CROSS SLOPE AT THE BOTTOM OF THE RAMP OR WITHIN THE CROSSWALK PARALLEL TO THE DIRECTION OF TRAVEL.

(20) MAXIMUM 1.5% DESIGN MAXIMUM AND 2.1% PROWAG MAXIMUM RUNNING SLOPE ON CLEAR AREA. CROSS SLOPE OF CLEAR AREA SHALL MATCH THE CROSS SLOPE OF THE ADJACENT CROSSWALK.

(22) THE ENTIRE RAMP SHALL BE A PLANAR SURFACE. DO NOT WARP THE RUNNING SLOPE OR CROSS SLOPE OF THE RAMP. WARPING OF THE SIDEWALK CROSS SLOPE SHALL TAKE PLACE BETWEEN THE LANDING AND MATCH POINT.

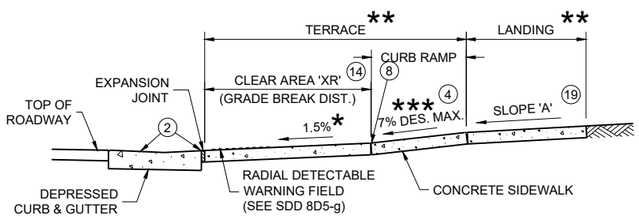
(23) THE CLEAR AREA BETWEEN THE BOTTOM OF RAMP AND BACK OF CURB SHALL BE SLOPED SO THAT WATER DRAINS OUT OF ONE SIDE OR BOTH SIDES OF THE CURB OPENING.

RADIAL DETECTABLE WARNING FIELD PLACEMENT WHEN 5 FOOT GRADE BREAK DISTANCE PER SDD 8D5-b IS EXCEEDED



PLAN VIEW

CURB RAMP TYPE 2
(GRADE BREAK DISTANCE GREATER THAN 5 FEET)
(ON LINE WITH SIDEWALK)



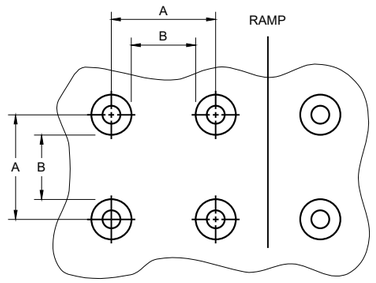
SECTION C - C FOR TYPE 2

CURB RAMPS
RADIAL DETECTABLE WARNING

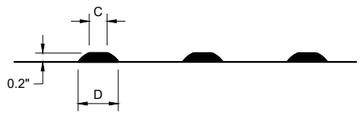
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

	MIN.	MAX.
A	1.6"	2.4"
B	0.65"	1.5"
C	*	*
D	0.9"	1.4"

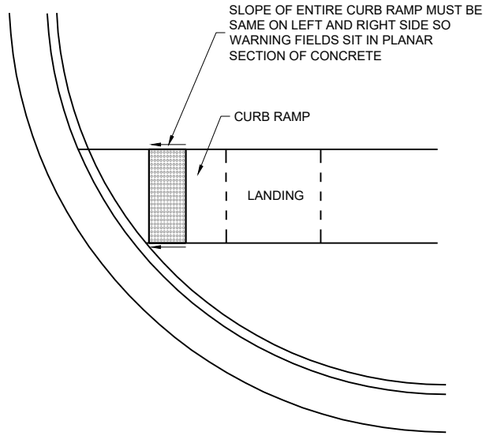
* THE C DIMENSION IS 50% TO 65% OF THE D DIMENSION.



PLAN VIEW



ELEVATION VIEW



DETECTABLE WARNING FIELD
PLANAR INSTALLATION

GENERAL NOTES

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AT A CURB RAMP SHALL BE FROM THE SAME MANUFACTURER.

PLACE ALL DETECTABLE WARNING FIELD SYSTEMS IN ACCORDANCE TO THE MANUFACTURER'S RECOMMENDATION.

FIELD CUTS AT INTERMEDIATE JOINTS WITHIN THE RADIAL DETECTABLE WARNING FILED ARE PROHIBITED.

DETERMINE FINAL RADIAL WARNING FIELD CONFIGURATION AND ITS INDIVIDUAL PLATE LOCATIONS. PERFORM PRE-LAYOUT PRIOR TO PLACEMENT IN PLASTIC CONCRETE. FOLLOW MANUFACTURER'S PRODUCT LIST AND INSTALLATION RECOMMENDATIONS.

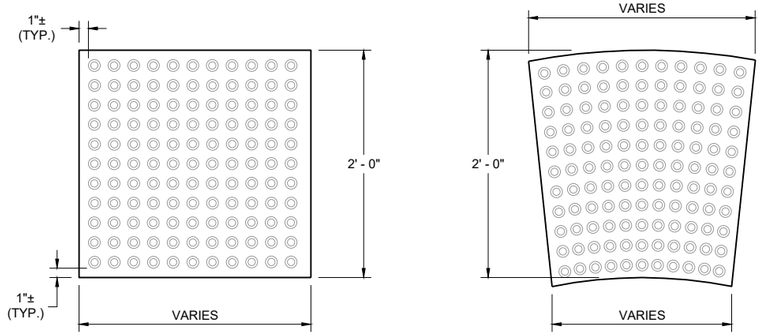
FOR RADIAL DETECTABLE WARNING FIELD APPLICATIONS WHERE STANDARD RADIAL PLATES ARE NOT AVAILABLE AT AN INTERSECTION CURB RADIUS, A COMBINATION OF SQUARE OR RECTANGULAR PLATES AND RADIAL PLATES MAY BE USED TO FORM RADIAL CONFIGURATION. RADIAL WEDGE PLATES IN COMBINATION WITH SQUARE PLATES ARE ALSO ACCEPTABLE. FOLLOW MANUFACTURER'S RECOMMENDATIONS.

REFER TO CONTRACT AND STANDARD SPECIFICATIONS FOR FIELD CUTTING REQUIREMENTS.

DO NOT EMBED IN CONCRETE ANY FIELD-CUT PLATES WITH CUT EDGES SHORTER THAN 6 INCHES. CONSULT WITH MANUFACTURER FOR RE-DRILLING AND ANCHORING REQUIREMENTS OF FIELD-CUT PLATES.

(15) FIELD SAW CUTS ALONG RADIAL DETECTABLE WARNING PLATES WILL BE NECESSARY TO MATCH EACH CURB RAMP EDGE. AVOID CUTTING THROUGH DOMES WHENEVER POSSIBLE. MAKE FIELD CUTS TRUE TO LINE AND WITHIN ⅛" DEVIATION. SMOOTH EDGES OF FIELD CUT PLATES.

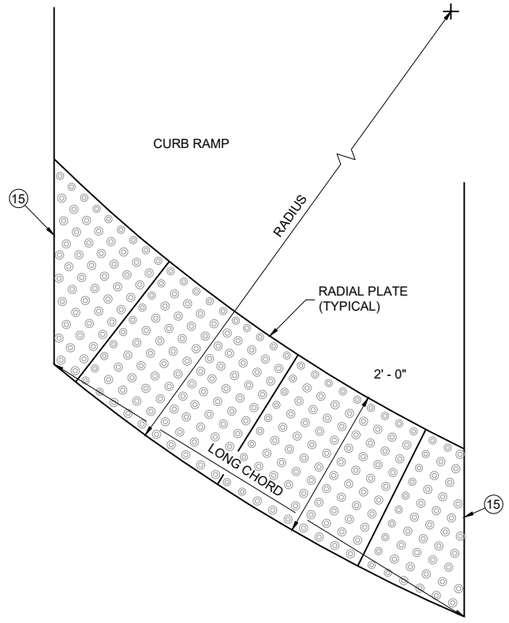
TRUNCATED DOMES
DETECTABLE WARNING PATTERN DETAIL



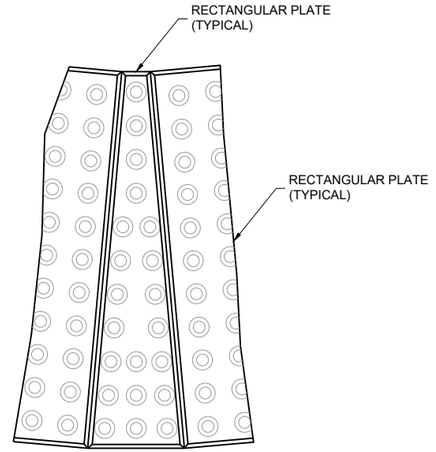
RECTANGULAR PLATES

RADIAL PLATES

PLAN VIEW
DETECTABLE WARNING FIELDS (TYPICAL)



PLAN VIEW
RADIAL DETECTABLE WARNING FIELD ATTRIBUTES



PLAN VIEW
RADIAL WEDGE PLATE CONNECTION DETAIL

CURB RAMPS
RECTANGULAR AND RADIAL DETECTABLE WARNING PLATES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2025 — DATE
/S/ Rodney Taylor — <position>

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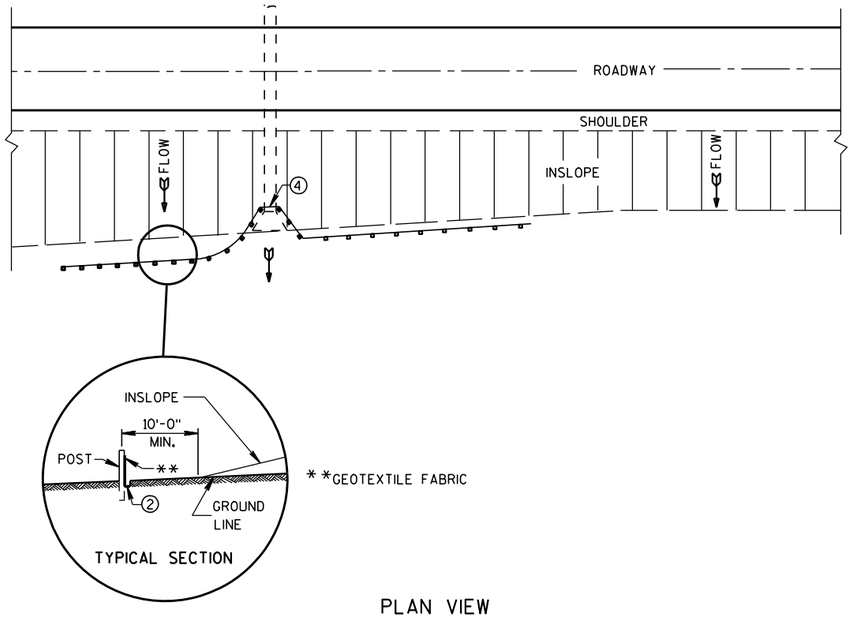
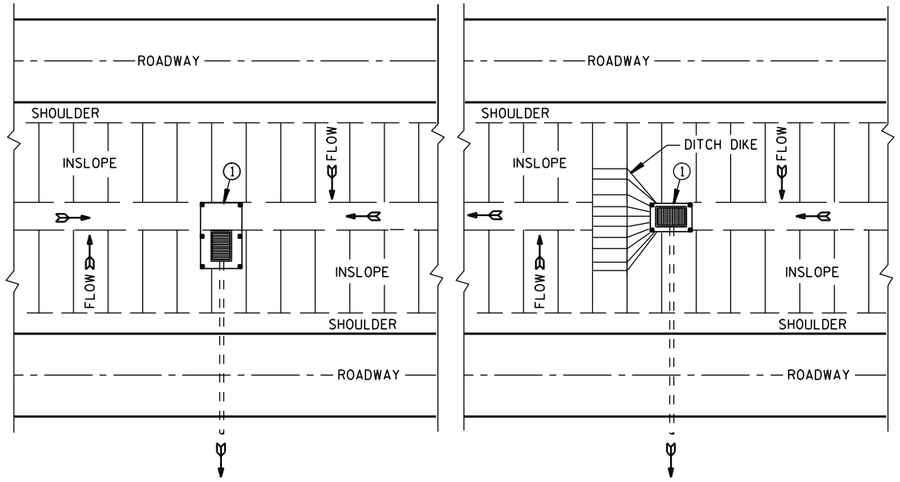
SDD 08D05-22g



PLAN VIEW

TYPICAL APPLICATION OF SILT FENCE



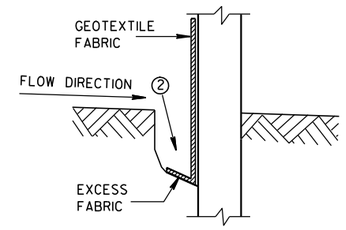
PLAN VIEW

SILT FENCE AT MEDIAN SURFACE DRAINS

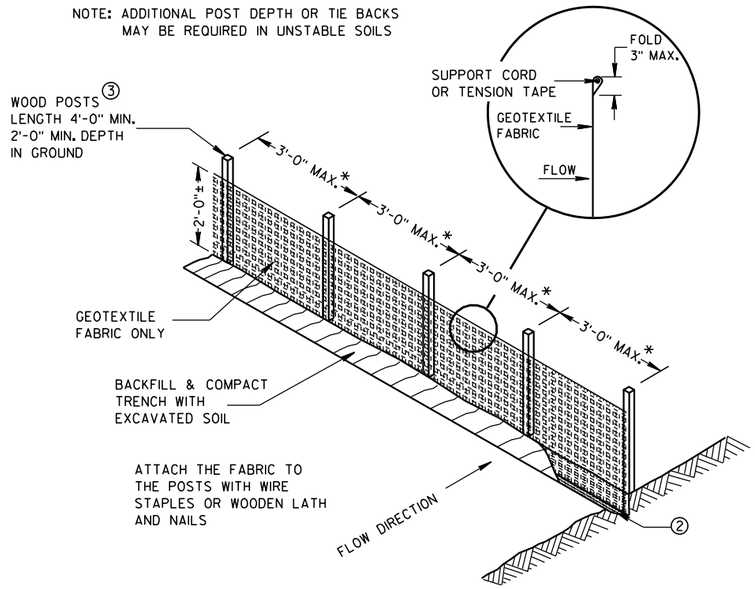
GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

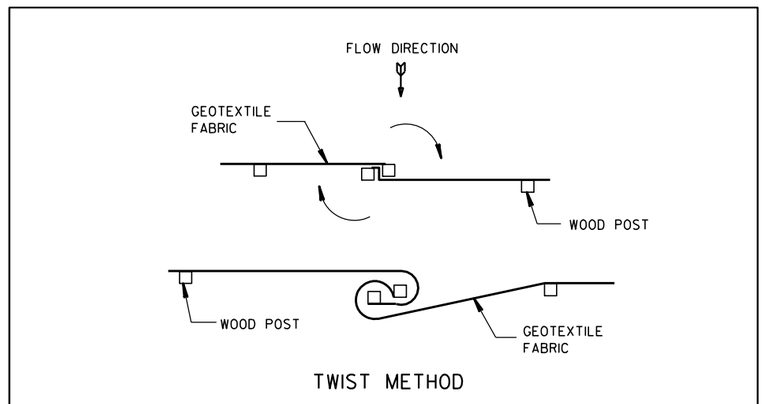
1. HORIZONTAL BRACE REQUIRED WITH 2" X 4" WOODEN FRAME OR EQUIVALENT AT TOP OF POSTS.
2. FOR MANUAL INSTALLATIONS THE TRENCH SHALL BE A MINIMUM OF 4" WIDE & 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL & COMPACT TRENCH WITH EXCAVATED SOIL.
3. WOOD POSTS SHALL BE A MINIMUM SIZE OF 1⅛" X 1⅛" OF OAK OR HICKORY.
4. SILT FENCE TO EXTEND ACROSS THE TOP OF THE PIPE.
5. CONSTRUCT SILT FENCE FROM A CONTINUOUS ROLL IF POSSIBLE BY CUTTING LENGTHS TO AVOID JOINTS. IF A JOINT IS NECESSARY USE ONE OF THE FOLLOWING TWO METHODS; A) OVERLAP THE END POSTS AND TWIST, OR ROTATE, AT LEAST 180 DEGREES, B) HOOK THE END OF EACH SILT FENCE LENGTH.



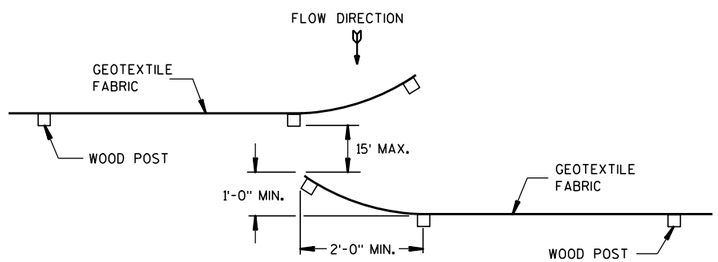
TRENCH DETAIL



SILT FENCE

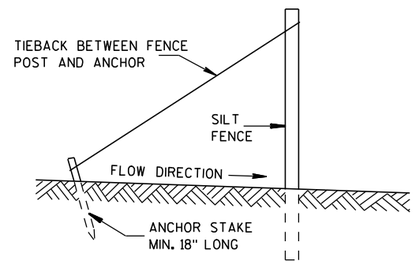


TWIST METHOD



HOOK METHOD

JOINING TWO LENGTHS OF SILT FENCE 5



SILT FENCE TIE BACK

(WHEN REQUIRED BY THE ENGINEER)

SILT FENCE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
4-29-05 DATE
/S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

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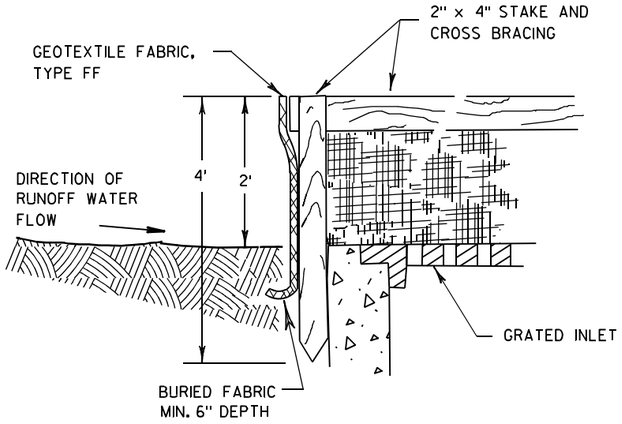
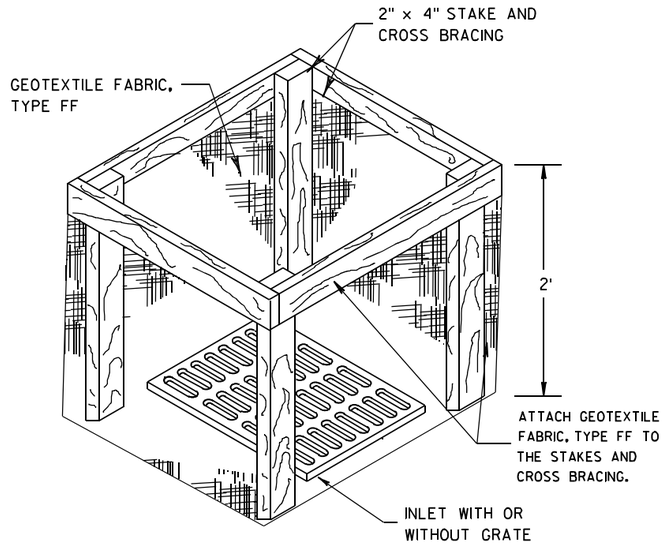
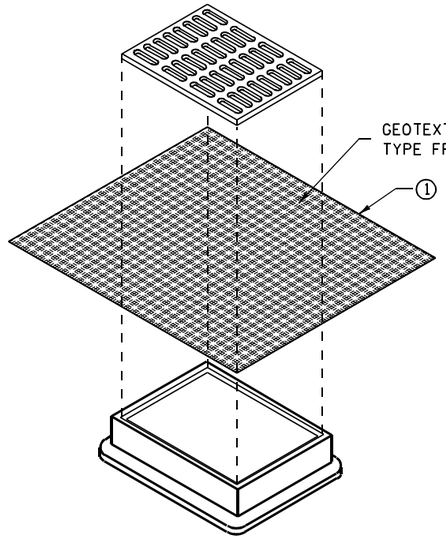
S.D.D. 8 E 9-6



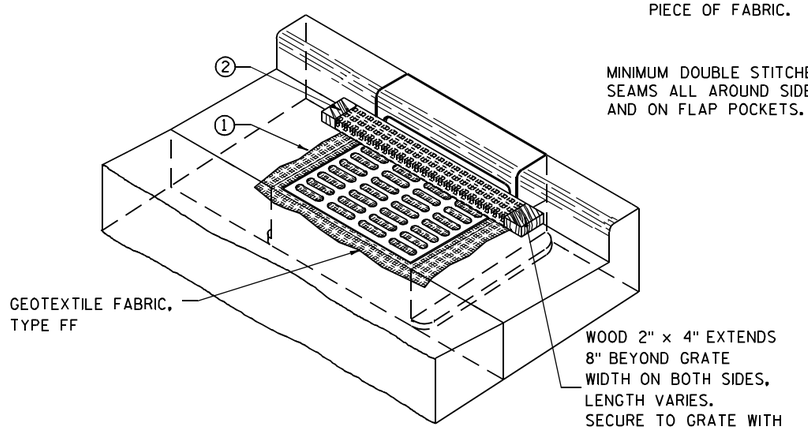


INLET PROTECTION, TYPE A

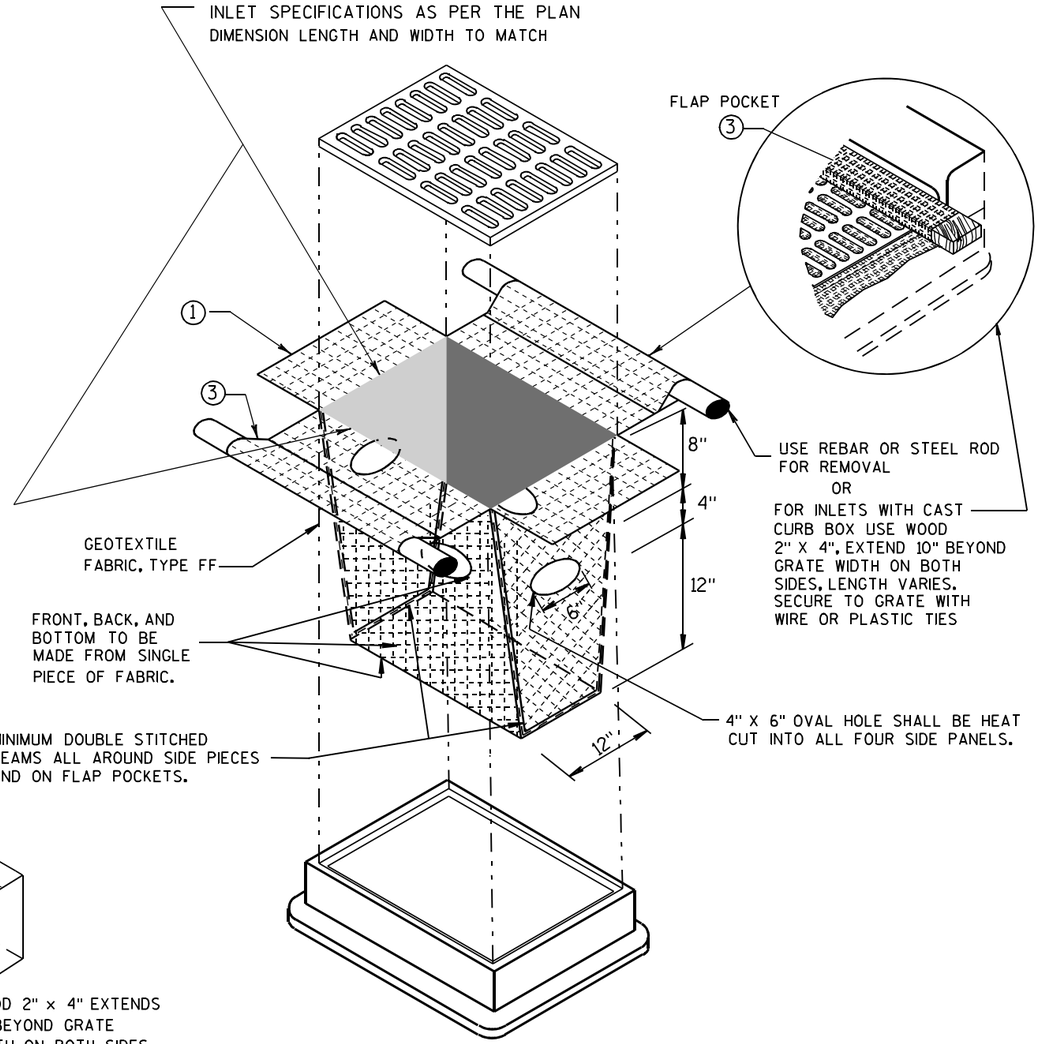


INLET PROTECTION, TYPE B
(WITHOUT CURB BOX)

(CAN BE INSTALLED IN ANY INLET WITHOUT A CURB BOX)



INLET PROTECTION, TYPE C (WITH CURB BOX)



INLET PROTECTION, TYPE D

(CAN BE INSTALLED IN ANY INLET TYPE WITH
OR WITHOUT A CURB BOX AS PER NOTE ②)

GENERAL NOTES

INLET PROTECTION DEVICES SHALL BE MAINTAINED OR REPLACED AT THE DIRECTION OF THE ENGINEER.

MANUFACTURED ALTERNATIVES APPROVED AND LISTED ON THE DEPARTMENT'S EROSION CONTROL PRODUCT ACCEPTABILITY LIST MAY BE SUBSTITUTED.

WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED ON THE GEOTEXTILE FABRIC DOES NOT FALL INTO THE INLET. ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED IMMEDIATELY.

① FINISHED SIZE, INCLUDING FLAP POCKETS WHERE REQUIRED, SHALL EXTEND A MINIMUM OF 10" AROUND THE PERIMETER TO FACILITATE MAINTENANCE OR REMOVAL.

② FOR INLET PROTECTION, TYPE C (WITH CURB BOX), AN ADDITIONAL 18" OF FABRIC IS WRAPPED AROUND THE WOOD AND SECURED WITH STAPLES. THE WOOD SHALL NOT BLOCK THE ENTIRE HEIGHT OF THE CURB BOX OPENING.

③ FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2X4.

INSTALLATION NOTES

TYPE B & C

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

THE CONTRACTOR SHALL DEMONSTRATE A METHOD OF MAINTENANCE, USING A SEWN FLAP, HAND HOLDS OR OTHER METHOD TO PREVENT ACCUMULATED SEDIMENT FROM ENTERING THE INLET.

TYPE D

DO NOT INSTALL INLET PROTECTION TYPE D IN INLETS SHALLOWER THAN 30", MEASURED FROM THE BOTTOM OF THE INLET TO THE TOP OF THE GRATE.

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

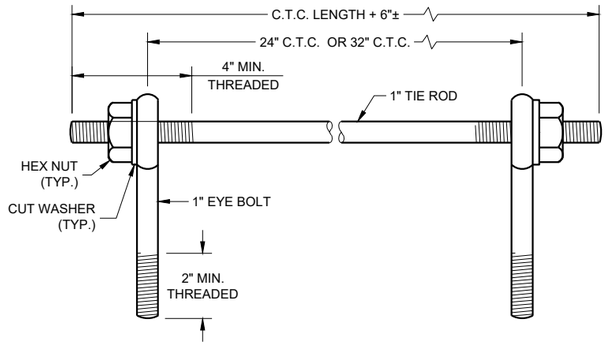
THE INSTALLED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE, BETWEEN THE INLET WALLS AND THE BAG, MEASURED AT THE BOTTOM OF THE OVERFLOW HOLES, OF 3". WHERE NECESSARY THE CONTRACTOR SHALL CINCH THE BAG, USING PLASTIC ZIP TIES, TO ACHIEVE THE 3" CLEARANCE. THE TIES SHALL BE PLACED AT A MAXIMUM OF 4" FROM THE BOTTOM OF THE BAG.

INLET PROTECTION
TYPE A, B, C, AND D

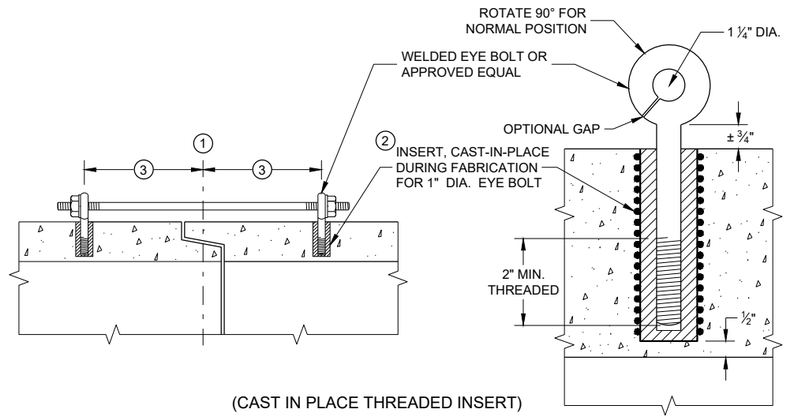
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
10/16/02
DATE
/S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

6
S.D.D. 8 E 10-2



EYE BOLTS AND TIE ROD



(CAST IN PLACE THREADED INSERT)

LONGITUDINAL SECTIONS

EYE BOLT AND TIE ROD ASSEMBLY (ALTERNATE NO. 1)

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS, AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

CONCRETE CULVERT AND STORM SEWER PIPE SHALL BE TIED TOGETHER IN THE MANNER ILLUSTRATED BY THIS DETAIL AT LOCATIONS DESIGNATED IN THE STANDARD SPECIFICATIONS AND THE PLAN. THE CONTRACTOR MAY USE EITHER ALTERNATE 1, 2 OR 3 FOR DRAINAGE STRUCTURES. ONLY ALTERNATE 1 AND 3 MAY BE USED FOR CATTLE PASSES, UNLESS OTHERWISE STATED IN THE CONTRACT. THE MATERIALS, FABRICATION AND WORK NECESSARY TO TIE THE PIPE BY THIS DETAIL WILL BE CONSIDERED INCIDENTAL TO THE PIPE AND APRON ENDWALLS IF REQUIRED.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR JOINT TIES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.

JOINT TIES TO BE HOT-DIP GALVANIZED PER ASTM A 153.

(1) CENTER LINE OF TONGUE AND GROOVE OR BELL AND SPIGOT JOINTS.

(2) THE INSIDE OF THE THREADED INSERTS SHALL BE CLEAN TO ALLOW THE INSERTION OF THREADED EYE BOLTS.

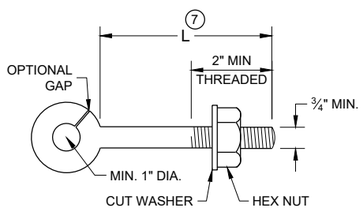
(3) HOLES SHALL BE CAST-IN-PLACE OR DRILLED PER THE APPLICABLE DETAIL, AND EQUAL DISTANCE FROM THE CENTERLINE OF THE JOINT.

(4) BOLT PROJECTION INSIDE OF PIPE SHALL NOT EXCEED 2 INCHES.

(5) OPENING TO BE ROD DIAMETER PLUS 1 INCH.

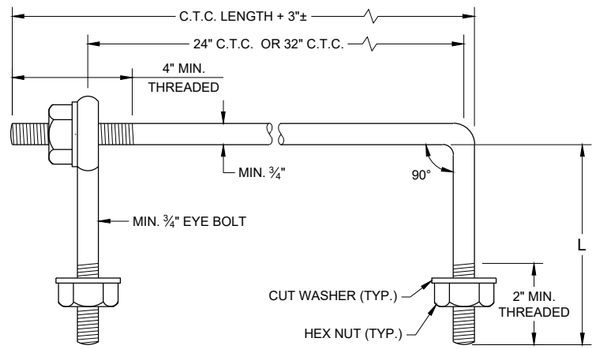
(6) LENGTH ADEQUATE TO EXTEND TO WITHIN ½ INCH OF THE INNER SURFACE OF THE PIPE.

(7) EYE BOLT LENGTH DETERMINED BY WALL THICKNESS, BELL THICKNESS AND BOLT PROJECTION INSIDE PIPE.

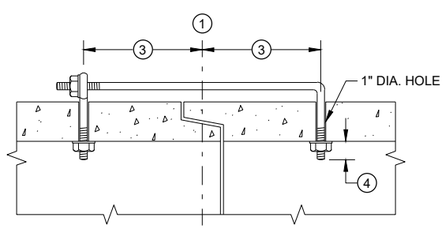


EYE BOLT (7)

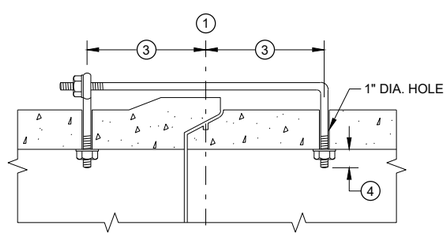
NOTE: TWO EYE BOLTS MAY BE USED WITH A 30" OR 38" LONG THREADED ROD IN LIEU OF THE 90° BENT TIE ROD.



EYE BOLT AND TIE ROD



(TONGUE AND GROOVE PIPE)



(MODIFIED BELL PIPE)

LONGITUDINAL SECTION

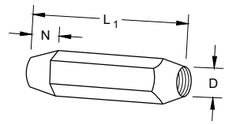
(JOINT TIES FOR 18" TO 66" DIA. CONCRETE PIPE)

EYE BOLT AND TIE ROD ASSEMBLY (ALTERNATE NO. 2)

ADJUSTABLE TIE ROD TABLE

PIPE DIAMETER	TIE ROD DIAMETER	D	L_1	N
12 - 60	⅝	⅝	5	½
66 - 84	¾	¾	5	½
90 - 144	1	1	7	1 7/16

DIMENSIONS SHOWN ARE IN INCHES



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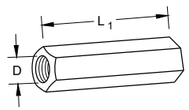
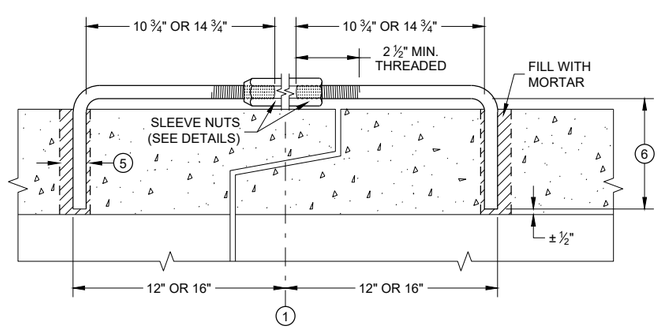


PLAIN

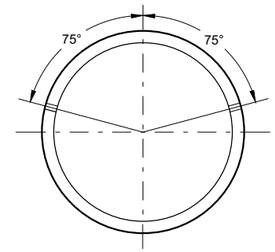
RIGHT AND LEFT THREADS

SLEEVE NUTS



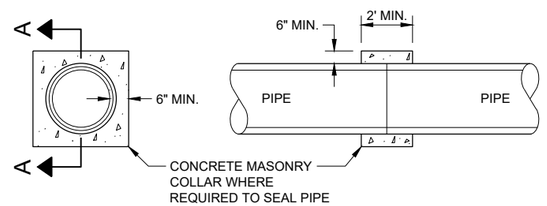
LONGITUDINAL SECTION

ADJUSTABLE TIE ROD (ALTERNATE NO. 3)



PLACEMENT OF (2) CAST-IN-PLACE INSERTS OR HOLES DURING FABRICATION FOR PIPE SECTIONS REQUIRING TIE RODS

TRANSVERSE SECTION



SECTION A - A

CONCRETE COLLAR DETAIL

JOINT TIES FOR CONCRETE PIPE AND CONCRETE COLLAR DETAIL

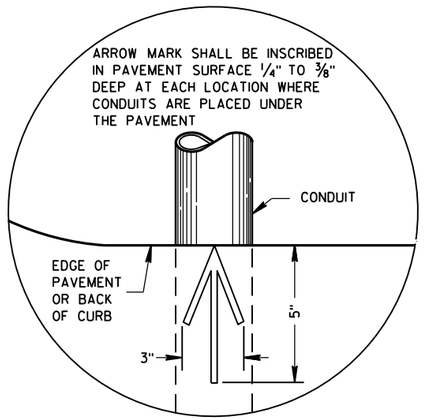
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2021 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVE ENGINEER

FHWA

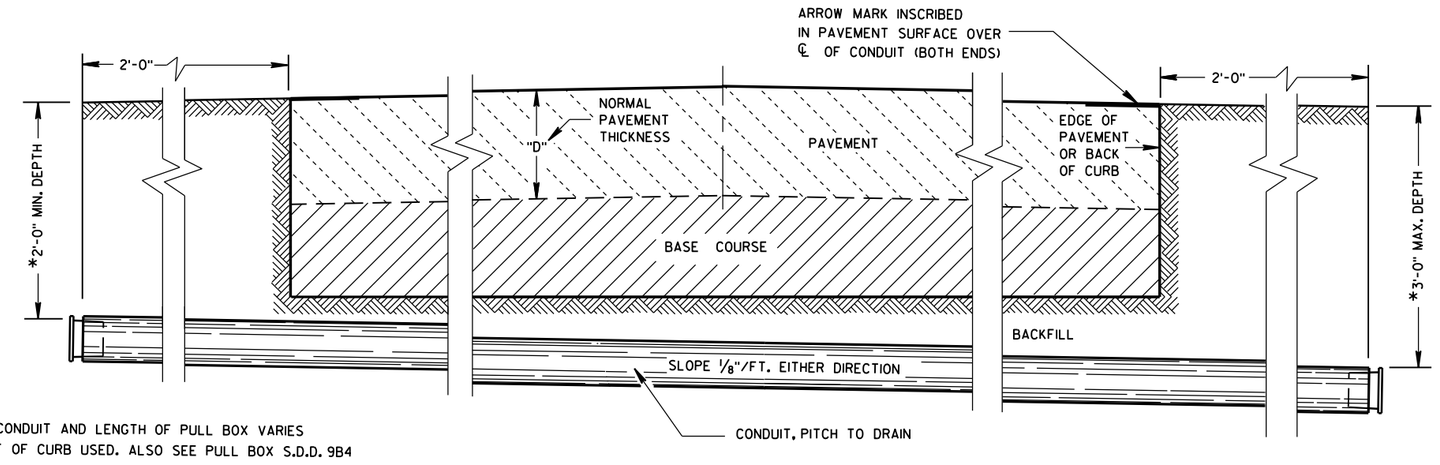
SDD 08F04 - 08

SDD 08F04 - 08



PLAN VIEW

ARROW MARK



*DEPTH OF CONDUIT AND LENGTH OF PULL BOX VARIES WITH HEIGHT OF CURB USED. ALSO SEE PULL BOX S.D.D. 9B4

SIDE ELEVATION

DETAIL FOR CONDUIT UNDER PAVED HIGHWAYS

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

METALLIC (STANDARD SPECIFICATION 652.2.2) OR NONMETALLIC (STANDARD SPECIFICATION 652.2.3) CONDUIT SHALL BE FURNISHED AND PLACED AS SHOWN.

DEPTH OF CONDUIT INSTALLED BELOW THE TRAVELED WAY SHALL BE 24 INCHES MINIMUM AND 36 INCHES MAXIMUM.

DEPTH OF CONDUIT INSTALLED THAT IS NOT BELOW THE TRAVELED WAY SHALL BE 18 INCHES MINIMUM AND 36 INCHES MAXIMUM.

ANY EXCEPTION TO THE MAXIMUM DEPTH SHALL BE ONLY WITH THE WRITTEN APPROVAL OF THE ENGINEER.

THE TRENCH SHALL NOT BE BACKFILLED PRIOR TO INSPECTION OF THE CONDUIT.

ALL METALLIC CONDUIT RACEWAY ENDS SHALL BE REAMED AND THREADED.

ALL METALLIC CONDUIT IN WHICH WIRE OR CABLE IS TO BE INSTALLED SHALL BE BUSHED WITH APPROVED THREADED BUSHINGS BEFORE INSTALLATION OF THE WIRE OR CABLE.

ALL METALLIC CONDUITS IN WHICH WIRE OR CABLE IS NOT TO BE INSTALLED SHALL BE CAPPED WITH THREADED PROTECTIVE CAPS, AS APPROVED BY THE ENGINEER.

ALL NONMETALLIC CONDUIT SHALL BE CAPPED OR PLUGGED IMMEDIATELY AFTER INSTALLATION AND SHALL REMAIN CAPPED OR PLUGGED UNTIL WIRE/CABLES ARE INSTALLED.

NONMETALLIC CONDUITS IN WHICH WIRE OR CABLE IS NOT BEING INSTALLED SHALL REMAIN CAPPED OR PLUGGED.

BENDING OF PVC ELECTRICAL CONDUIT SHALL BE ACCOMPLISHED BY USING A BLANKET OR EMERSION TYPE TANK DESIGNED FOR THE PURPOSE OF BENDING PVC ELECTRICAL CONDUIT.

ALL CUT ENDS SHALL BE TRIMMED INSIDE AND OUTSIDE TO REMOVE ALL ROUGH EDGES ON NONMETALLIC CONDUIT. (SEE NEC 347.5)

WHEN REQUIRED TO CONNECT NONMETALLIC CONDUIT TO METALLIC CONDUIT, ONLY U.L. LISTED ADAPTER FITTINGS SHALL BE USED.

PRIOR TO CONDUIT ACCEPTANCE, CONDUIT CAPS OR PLUGS SHALL BE REMOVED, AND THE CAPS, PLUGS AND CONDUIT ENDS SHALL BE THOROUGHLY CLEANED AND THEN THE CAPS OR PLUGS REINSTALLED TO ENSURE THAT THE CAPS OR PLUGS CAN BE EASILY REMOVED IN THE FUTURE.

ALL CONDUIT BEING FURNISHED AND INSTALLED SHALL HAVE THE U.L. LABEL FIRMLY ATTACHED.

CONDUIT RUNS SHALL BE THE SAME SIZE OF CONDUIT FROM ONE END TO THE OTHER (FROM PULL BOX TO PULL BOX-OR-JUNCTION BOX TO JUNCTION BOX-OR-BASE TO BASE, ETC.).

TRACER WIRE SHALL BE INSTALLED AS STATED IN THE STANDARD SPECIFICATION, ITEM 652.3.1.1.

ALL CONDUIT RUNS SHALL BE STRAIGHT (WITHOUT BENDS) FROM PULL BOX TO PULL BOX, PULL BOX TO BASE AND BASE TO BASE AS SHOWN ON THE PLANS.

CONDUIT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
March, 2017 — DATE
/S/ Ahmet Demirbilek — STATE ELECTRICAL
FHWA

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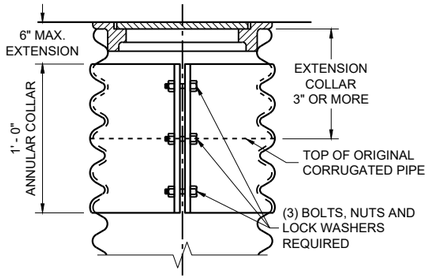
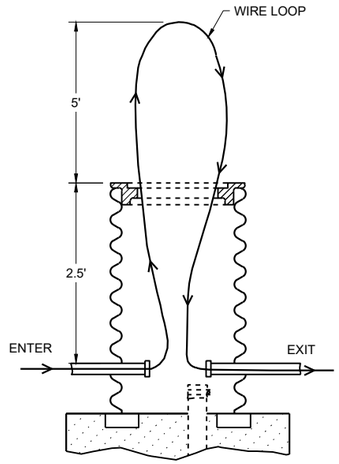
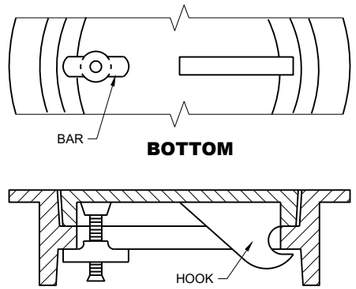
S.D.D. 9 B 2-10



CORRUGATED PIPE EXTENDER



MEASUREMENT DETAIL FOR WIRE/CABLE IN THE PULL BOX



BOTTOM

SECTION

ALTERNATE COVER (LOCKING)

TIGHTENING BAR TYPE

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

ALL FRAMES AND COVERS SHALL BE HEAVY DUTY TYPE, SUITABLE FOR VEHICULAR TRAFFIC LOADS.

PULL BOXES LOCATED IN THE ROADWAYS SHALL HAVE LOCKING COVERS.

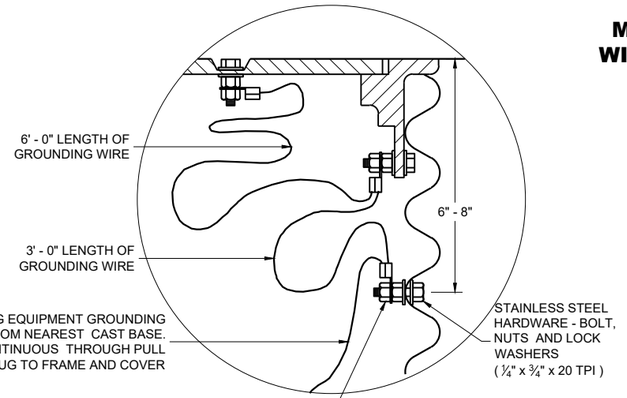
ENTRANCE HOLES INTO PULL BOXES SHALL BE CUT WITH A CIRCULAR HOLE SAW OR HYDRAULIC CONDUIT PUNCH. HOLE SIZE SHALL BE THE OUTSIDE DIAMETER OF THE CONDUIT THAT IS TO FIT IN THE OPENING PLUS NO MORE THAN ¼".

THE CONTRACTOR SHALL NOT INSTALL WIRE IN ANY PULL BOX UNTIL ITS INSTALLATION HAS BEEN INSPECTED AND ACCEPTED BY THE ENGINEER.

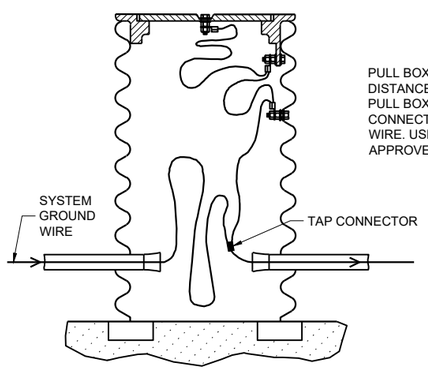
GROUNDING LUGS (MECHANICAL CONNECTORS) SHALL BE U.L. LISTED AND APPROVED FOR USE WITH COPPER WIRE.

ALL METALLIC CONDUIT IN WHICH WIRE AND/OR CABLE IS TO BE INSTALLED, SHALL BE BUSHED BEFORE INSTALLATION OF THE WIRE AND/OR CABLE.

WHEN PULL BOXES ARE INSTALLED FOR FUTURE USE, DO NOT INSTALL THE EQUIPMENT GROUNDING LUG. THE EQUIPMENT GROUNDING LUG, THE EQUIPMENT GROUNDING ELECTRODE AND THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE REQUIRED AND INSTALLED UNDER A FUTURE WIRING CONTRACT.

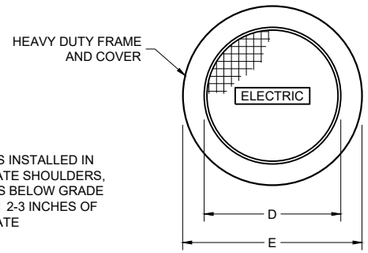


EQUIPMENT GROUNDING LUG AND LOCATION IN STEEL PULL BOXES

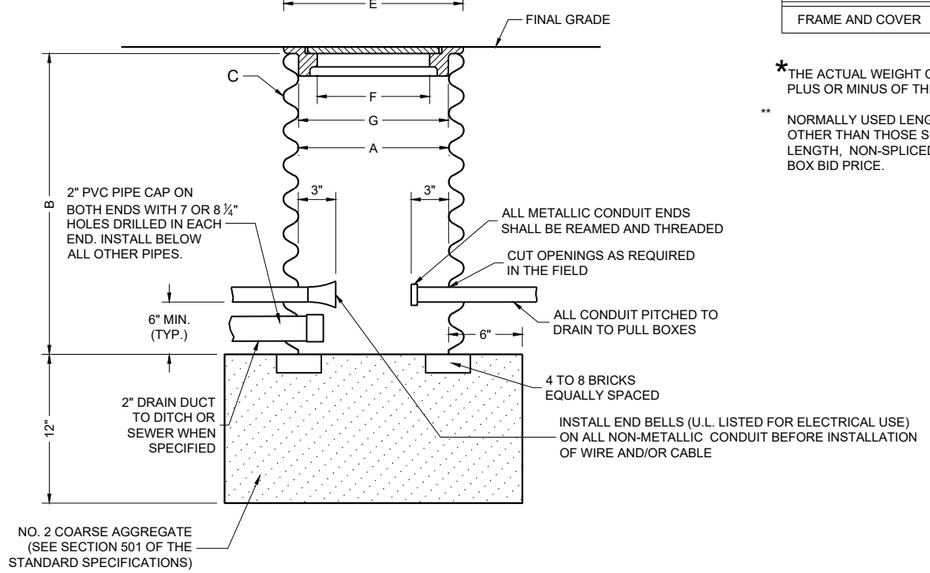


PULL BOX TO NEAREST BASE DISTANCE MORE THAN 20 FEET. PULL BOX GROUND WIRE SHALL CONNECT AT SYSTEM GROUNDING WIRE. USE DEPARTMENT APPROVED TAP CONNECTOR.

EQUIPMENT GROUNDING LUG AND LOCATION IN STEEL PULL BOXES



WHEN A PULL BOX IS INSTALLED IN CRUSHED AGGREGATE SHOULDERS, PLACE IT 2-3 INCHES BELOW GRADE AND COVER IT WITH 2-3 INCHES OF CRUSHED AGGREGATE



PULL BOX

TABLE OF NOMINAL DIMENSIONS AND WEIGHTS

DIMENSION IN INCHES		CORRUGATED STEEL PIPE								
PIPE DIAMETER (INSIDE)	A	12	12	12	18	18	18	24	24	24
PIPE LENGTH **	B	24	30	36	24	30	36	36	42	48
WALL THICKNESS	C	0.064	0.064	0.064	0.064	0.064	0.064	0.064	0.064	0.064
COVER	D	10 ¼	10 ¼	10 ¼	16 ¼	16 ¼	16 ¼	22 ¼	22 ¼	22 ¼
FRAME	E	14 ½	14 ½	14 ½	20 ½	20 ½	20 ½	26 ½	26 ½	26 ½
FRAME	F	8 ½	8 ½	8 ½	14 ½	14 ½	14 ½	20 ½	20 ½	20 ½
FRAME	G	11 ½	11 ½	11 ½	17 ½	17 ½	17 ½	23 ½	23 ½	23 ½
WEIGHT IN POUNDS*										
FRAME AND COVER		60	60	60	110	110	110	155	155	155

*THE ACTUAL WEIGHT OF THE MANHOLE FRAME AND COVER MAY VARY WITHIN 5 PERCENT PLUS OR MINUS OF THE WEIGHTS SHOWN.

** NORMALLY USED LENGTHS. THE PROJECT ENGINEER SHALL DETERMINE IF PIPE LENGTHS, OTHER THAN THOSE SPECIFIED, SHALL BE USED, TO A MAXIMUM OF 48" (CONTINUOUS LENGTH, NON-SPLICED). THE ADDITIONAL LENGTH SHALL BE INCIDENTAL TO THE PULL BOX BID PRICE.

PULL BOX

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2024
DATE

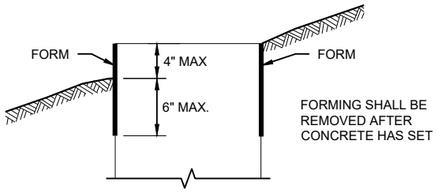
/S/ Ahmet Demirbilek
STATE ELECTRICAL ENGINEER

FHWA

6

SDD 09B04-13

FORM DEPTH SHALL BE NO MORE THAN 6" BELOW GRADE ON THE LOWER SIDE OF BASE



FORMING DETAIL

QUANTITY REQUIREMENTS	CONCRETE BASE TYPE		
	1	2	5 & 6
APPROX. CUBIC YARDS OF CONCRETE	0.40	0.57	0.40
LBS. OF HOOP BAR STEEL	NONE	23	16
LBS. OF VERTICAL BAR STEEL	NONE	60	18

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWINGSHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

BASES SHALL BE EXCAVATED BY USE OF A CIRCULAR AUGER.

TOP SURFACES OF CONCRETE BASES SHALL BE TROWEL FINISHED SMOOTH AND LEVEL.

CONDUIT SIZES AND LOCATIONS SHALL BE SHOWN ON THE PLANS

THE FINAL OR TERMINATING CONCRETE BASE IN A CONDUIT RUN SHALL HAVE A 6" EXIT STUB INSTALLED FOR FUTURE CABLING USE. THE EXIT STUB SHALL BE SIZED AS USED THROUGHOUT THE CONDUIT RUN AS SHOWN A THE ENTRANCE OF THE BASE.

ENDS OF CONDUIT INSTALLED BELOW GRADE FRO FUTURE USE SHALL BE CAPPED IF METALLIC OR PLUGGED IF NON-METALLIC.

MINIMUM BENDING RADIUS OF CONDUIT IS EQUAL TO 6X THE DIAMETER.

CONDUIT HEIGHT ABOVE CONCRETE BASES SHALL BE 1 INCH. ALL METALLIC CONDUIT ENDS SHALL BE REAMED AND THREADED.

ALL CONDUIT ENDS AT THE TOP OF CONCRETE BASES SHALL BE CAPPED IF METALLIC OR PLUGGED IF NON-METALLIC IMMEDIATELY AFTER PLACEMENT AND BEFORE CONCRETE IS POURED. CONDUITS IN WHICH WIRE OR CABLE IS NOT INSTALLED SHALL REMAIN CAPPED OR PLUGGED.

BELL ENDS SHALL BE INSTALLED ON ALL PVC CONDUIT EXPOSED AT THE TOP OF CONCRETE BASES BEFORE INSTALLATION.

WHEN REQUIRED TO CONNECT NON-METALLIC CONDUIT TO METALLIC CONDUIT, ONLY ADAPTER FITTINGS, U.L. LISTED FOR ELECTRICAL USE, SHALL BE USED.

IF A BASE REQUIRES A DEEP FORM BECAUSE OF LOOSE DIRT OR FILL, THE FORM SHALL BE REMOVED BEFORE BACKFILLING AROUND THE BASE. BACKFILL SHALL BE TAMPED TIGHT AGAINST THE BARE CONCRETE BASE IN LAYERS OF 1 FOOT OR LESS.

A NO. 4 AWG STRANDED COPPER EQUIPMENT GROUNDING CONDUCTOR SHALL BE EXOTHERMICALLY WELDED TO THE EQUIPMENT GROUNDING ELECTRODE (GROUND ROD) FOR TYPE 2, TYPE 5 AND TYPE 6 BASES.

THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE FURNISHED AND INSTALLED TO ENTER ALL BASE TYPES THROUGH A 1 INCH CONDUIT INSTALLED FOR GROUNDING PURPOSES, LEAVING A 4 FOOT COIL OF WIRE ABOVE THE CONCRETE BASE. THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE NEATLY COILED AND THE COILS TIED TOGETHER.

ANCHOR RODS SHALL BE THREADED 12" IN LENGTH ON EACH END OF THE ROD. ANCHOR RODS SHALL BE MANUFACTURED IN ACCORDANCE WITH SECTION 654.2.1 OF THE STANDARD SPECIFICATIONS.

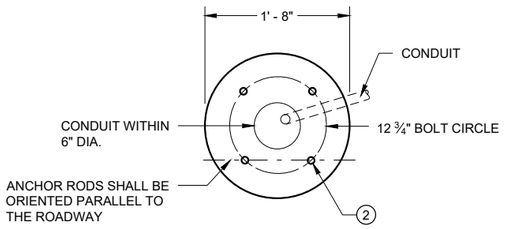
WASHERS AND LOCK WASHERS ARE REQUIRED ON ALL ANCHOR RODS.

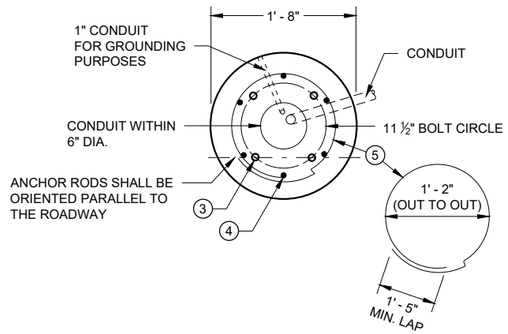
WHEN ANCHOR RODS USING THE ALTERNATE "L" BEND ARE FURNISHED, THE 4 INCH"L" BEND SHALL BE IN ADDITION TO THE SPECIFIED ANCHOR ROD BAR LENGTH. THE "L" BEND SHALL NOT BE THREADED.

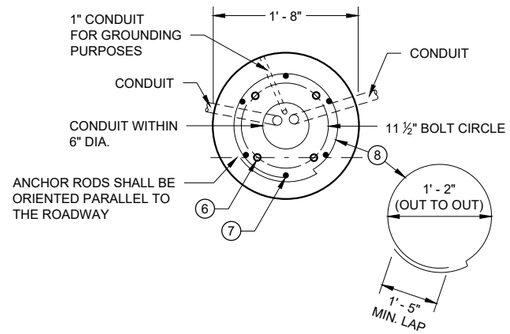
ANCHOR RODS SHALL BE INSTALLED WITH MISALIGNMENTS OF LESS THAN 1:40 FROM VERTICAL.

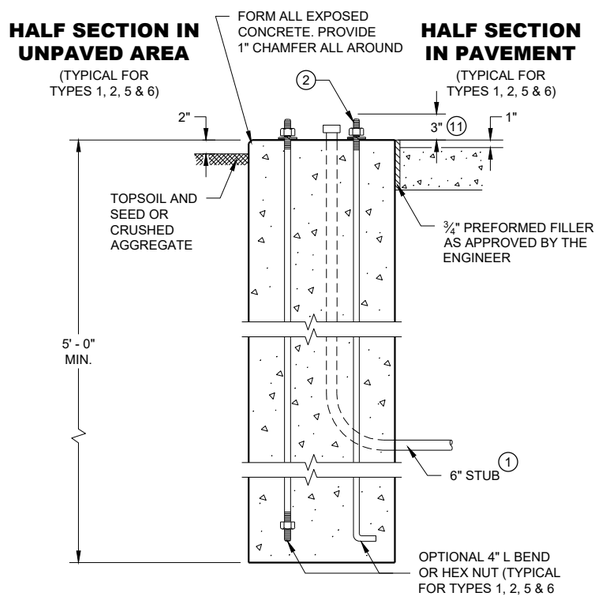
WELDING OF THE ANCHOR RODS TO THE CAGE IS UNACCEPTABLE. TIE WIRES SHALL BE USED.

BAR STEEL REINFORCEMENT SHALL BE COATED WITH POWDERED EPOXY RESIN IN ACCORDANCE WITH SECTION 505 OF THE STANDARD SPECIFICATIONS (LATEST EDITION).

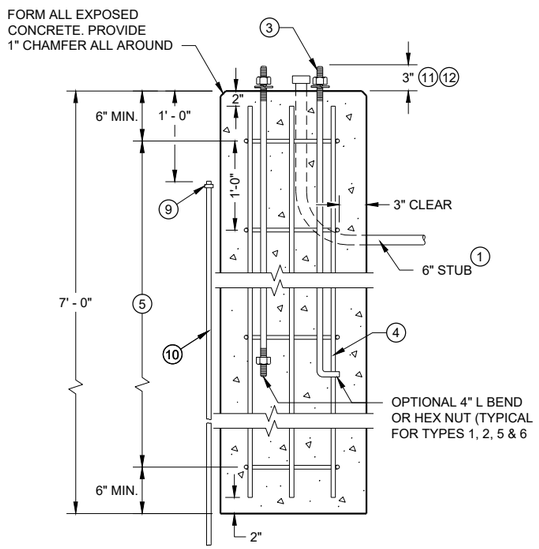




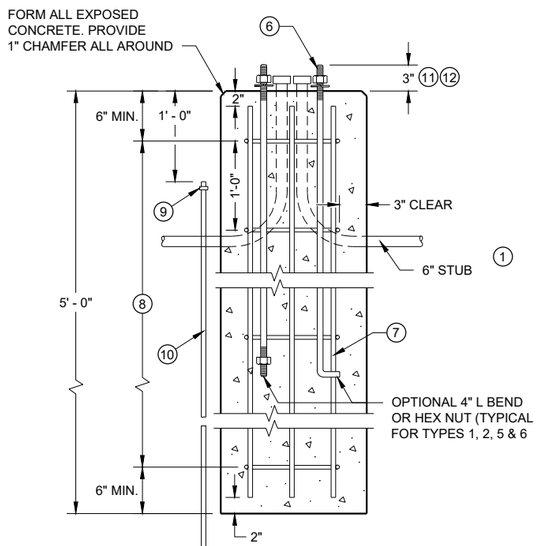




TYPE 1



TYPE 2



TYPE 5 & 6

1 THE MINIMUM DEPTH OF CONDUIT EXITING THE CONCRETE BASE AND INSTALLED BELOW THE TRAVELED WAY SHALL BE 24 INCHES. THE MINIMUM DEPTH OF CONDUIT EXITING THE CONCRETE BASE THAT IS NOT INSTALLED BELOW THE TRAVELED WAY SHALL BE 18 INCHES. THE MAXIMUM DEPTH OF ALL CONDUIT SHALL BE 36 INCHES EXCEPT WITH WRITTEN APPROVAL OF THE ENGINEER.

2 (4) 1" DIA. X 3' - 6" ANCHOR RODS.

3 (4) 1" DIA. X 5' - 0" ANCHOR RODS.

4 (6) NO. 6 X 6' - 8" BAR STEEL REINFORCEMENT.

5 (7) NO. 4 X 5' - 1" BAR STEEL REINFORCEMENT @ 1' - 0" C - C.

6 (4) 1" DIA. X 3' - 6" ANCHOR RODS.

7 (6) NO. 4 X 4' - 8" BAR STEEL REINFORCEMENT.

8 (5) NO. 4 X 5' - 1" BAR STELL REINFORCEMENT @ 1' - 0" C -C.

9 EXOTHERMIC CONNECTION TO EUIPMENT GROUNDING CONDUCTOR

10 ⅝" DIA. X 8' -0" COPPERCLAD EQUIPMENT GROUNDING ELECTRODE REQUIRED

11 ANY ANCHOR ROD PROJECTION SHORTER THAN 2 ¾" OR LONGER THAN 3 ¼" SHALL REQUIRE THE BASE TO BE REMOVED AND REPLACED AT THE CONTRACTORS EXPENSE.

12 FOR NON - BREAKAWAY INSTALLATIONS, 4 ½" ± ANCHOR ROD PROJECTION WITH THE USE OF LEVELING NUTS. RODENT SCREEN REQUIRED.

CONCRETE BASES

CONCRETE BASES
TYPES 1, 2, 5, & 6

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2019
DATE
/S/ Ahmet Demirbilek
STATE ELECTRICAL ENGI

FHWA

6
SDD 09C02 - 09

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

FOUR (4) BOLTS SHALL BE FURNISHED WITH EACH TRANSFORMER BASE. BOLTS SHALL BE 1" DIAMETER, 4" IN LENGTH, WITH WASHERS, LOCK WASHERS AND NUTS. BOLTS, NUTS AND WASHERS SHALL BE MANUFACTURED IN ACCORDANCE WITH SECTION 531.2.2 OF THE STANDARD SPECIFICATIONS.

LEVELING SHIMS, IF NEEDED, SHALL BE DESIGNED FOR THE PURPOSE AND USED UNDER CAST BASES WHEN PLUMBING POLES OR STANDARDS DURING INSTALLATION. THE USE OF WASHERS IN LIEU OF PROPER LEVELING SHIMS IS NOT ACCEPTABLE.

SHIM LENGTH SHALL BE LONG ENOUGH TO COMPLETELY COVER THE AREA UNDER THE LENGTH AND WIDTH OF THE BASE MOUNTING FLANGE.

DOUBLE NUTTING IS NOT ACCEPTABLE FOR LEVELING OR MOUNTING PURPOSES.

A NEMA APPROVED, U.L. LISTED, COPPER WITH BRASS OR STAINLESS STEEL SET SCREW, DIRECT BURY RATED, MECHANICAL CONNECTOR (LUG), SIZED TO ACCEPT AWG. #10 TO #4 COPPER STRANDED WIRE SHALL BE FURNISHED AND INSTALLED IN THE PEDESTAL AND TRANSFORMER BASES.

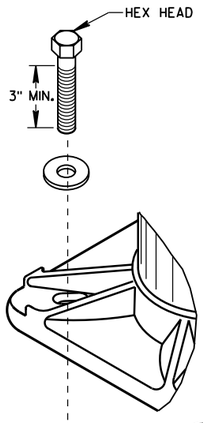
THE MECHANICAL CONNECTOR SHALL BE INSTALLED USING A 1/4" - 20 (TPI) STAINLESS STEEL HEX HEAD BOLT OF SUFFICIENT LENGTH TO FIRMLY ATTACH THE LUG TO THE BASE.

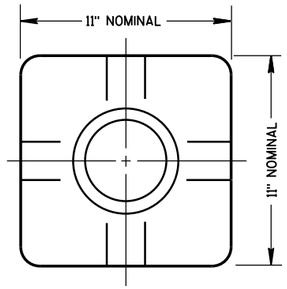
SHOULD THE MANNER OF ATTACHMENT OF THE LUG REQUIRE WASHERS, HEX NUTS, LOCK WASHER - THEY SHALL BE STAINLESS STEEL AS IS THE BOLT. THE MANNER OF ATTACHMENT SHALL NOT BLOCK ACCESSIBILITY TO WIRE PLACEMENT IN THE CONNECTOR.

PEDESTAL BASE COLLAR THREADING SHALL BE TAPERED AND IN ACCORDANCE WITH NATIONAL PIPE THREADING DIMENSIONS.

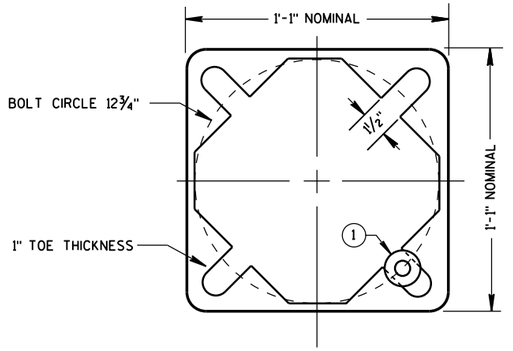
BASE COLLAR THREADING SHALL EXTEND INTO THE BASE COLLAR WITH SUFFICIENT DEPTH TO ACCEPT THE INSTALLATION OF TRAFFIC SIGNAL STANDARDS TO A DEPTH OF 1 1/2", THEN TIGHTENING TO A POINT OF BEING IMMOVABLE.

THE ACCESS DOOR SHALL BE OF THE SAME MATERIAL AS THE BASE.

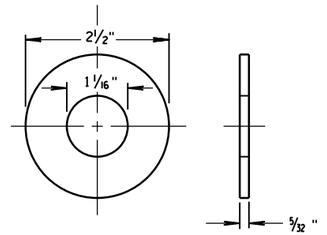




TOP VIEW
(PEDESTAL BASE)

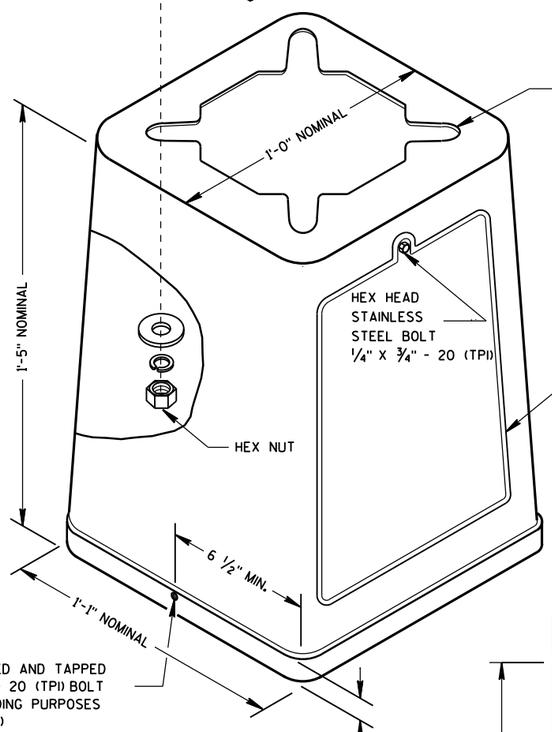


BOTTOM VIEW
(PEDESTAL BASE)

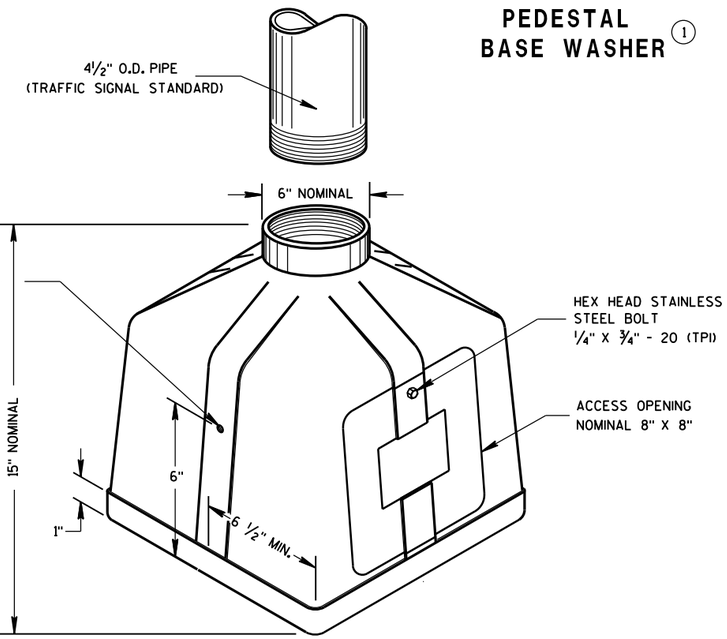


ZINC COATED STEEL WASHER
TO BE PROVIDED BY THE CONTRACTOR

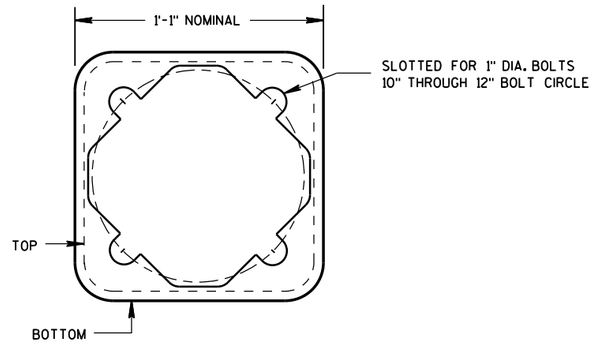
PEDESTAL BASE WASHER (1)



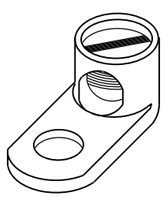
ISOMETRIC VIEW



ISOMETRIC VIEW
PEDESTAL BASE



BOTTOM VIEW
(TRANSFORMER BASE)

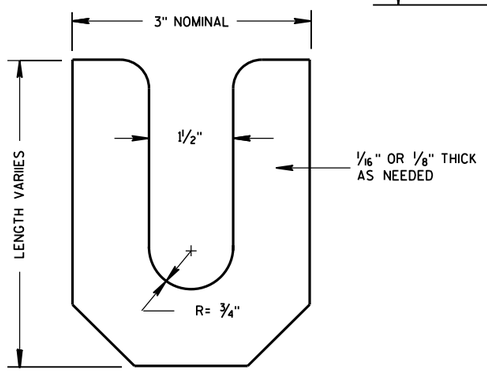


TYPICAL MECHANICAL CONNECTOR LUG

TO BE FURNISHED WITH EACH BASE

TRANSFORMER BASE

INTENDED FOR USE WITH TYPE 2, 3, 4, 5 & 6 POLES



LEVELING SHIM

TRANSFORMER/PEDESTAL BASES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
Sept. 2014 — DATE
/S/ Ahmet Demirbilek — STATE ELECTRICAL
FHWA

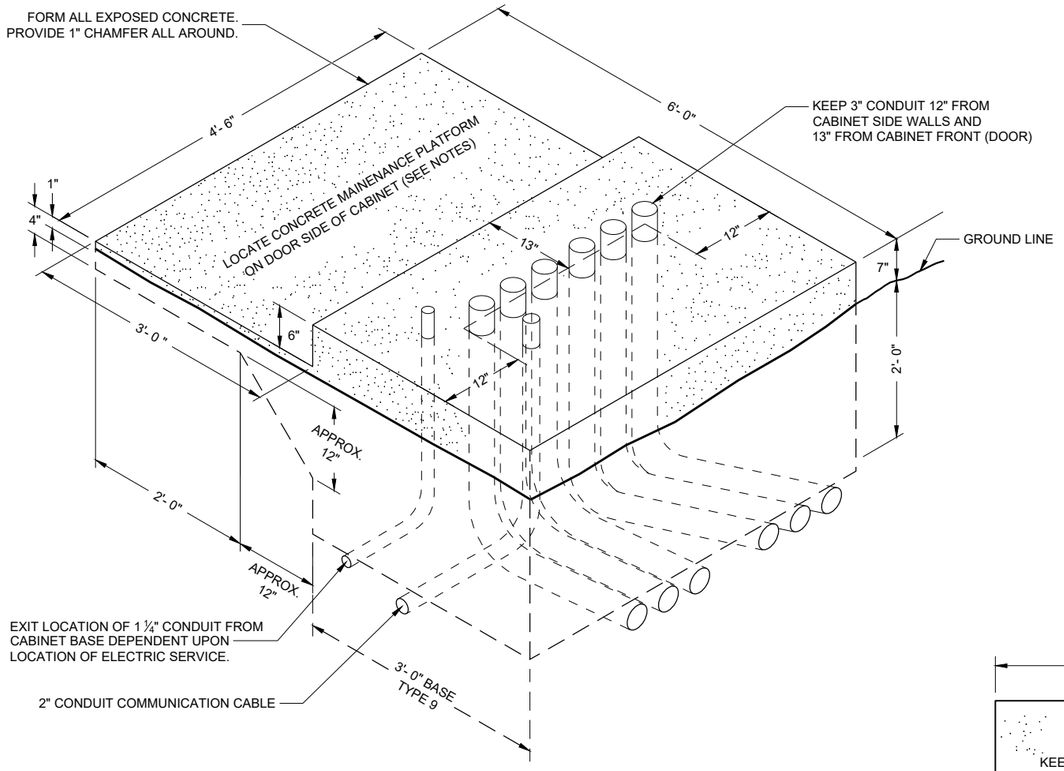
6

S.D.D. 9 C 3-4

6

S.D.D. 9 C 3-4

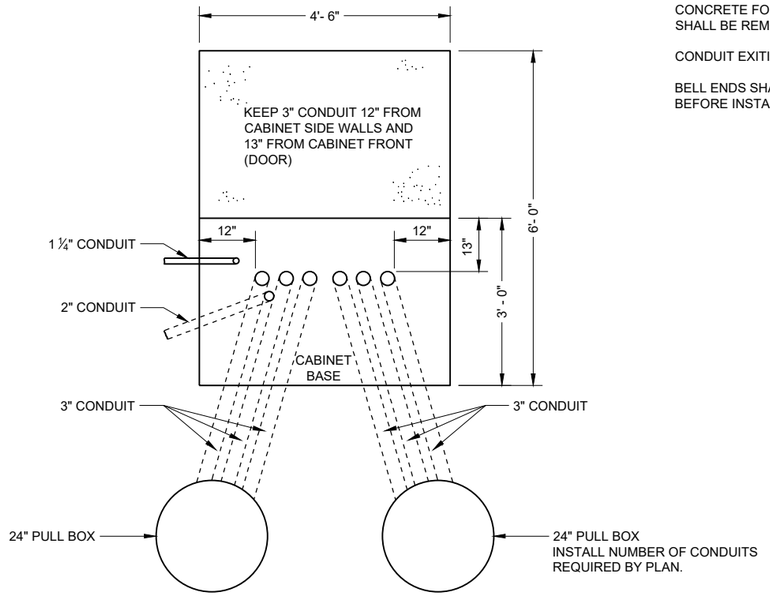
SDD 09C06 Concrete Control Cabinet Base, Type 9, Special



ISOMETRIC VIEW

TYPE 9 SPECIAL

(C.Y. CONCRETE = APPROX. 1.56)



PLAN VIEW

CONCRETE CONTROL CABINET BASE, TYPE 9 SPECIAL

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

INSTALL FOUR INCH MINIMUM DIAMETER X 4 INCH MINIMUM LENGTH STAINLESS STEEL APPROVED CONCRETE MASONRY ANCHORS WITH A PULLOUT STRENGTH OF 9,000 LBS. TO ANCHOR THE CABINET TO TYPE 6, 7, 8, AND 9 BASES. THE ANCHOR STUDS SHALL BE LOCATED AS DIRECTED BY THE ENGINEER TO PROPERLY ANCHOR THE CONTROL CABINET TO THE BASE.

WHEN REQUIRED TO CONNECT NON - METALLIC CONDUIT TO METALLIC CONDUIT, ONLY ADAPTER FITTINGS, U. L. LISTED FOR ELECTRICAL USE, SHALL BE USED.

CONDUIT HEIGHT ABOVE THE CONCRETE BASE SHALL BE 1 INCH.

DEPTH OF CONDUIT INSTALLED BELOW THE TRAVELED WAY SHALL BE 24 INCHES MINIMUM AND 36 INCHES MAXIMUM.

DEPTH OF CONDUIT INSTALLED THAT IS NOT BELOW THE TRAVELED WAY SHALL BE 18 INCHES MINIMUM AND 36 INCHES MAXIMUM.

ANY EXCEPTION TO THE MAXIMUM DEPTH SHALL BE ONLY WITH THE WRITTEN APPROVAL OF THE ENGINEER.

CONTROL CABINET BASE TOP SURFACE SHALL BE TROWEL FINISHED SMOOTH AND LEVEL.

MAINTENANCE PLATFORM SHALL BE FLOAT OR BROOM FINISHED AND LEVEL.

MAINTENANCE PLATFORMS ARE NOT REQUIRED WHEN THE SURROUNDING AREA IS PAVED.

MINIMUM BENDING RADIUS OF CONDUIT EQUALS 6 TIMES THE DIAMETER.

ALL METALLIC CONDUIT ENDS SHALL BE REAMED AND THREADED.

CAP ALL BELOW GRADE METALLIC CONDUIT ENDS IN WHICH WIRE OR CABLE IS NOT BEING INSTALLED.

PLUG ALL BELOW GRADE NON - METALLIC CONDUIT ENDS IN WHICH WIRE OR CABLE IS NOT BEING INSTALLED.

ALL CONDUIT ENDS AT THE TOP OF CONCRETE BASES SHALL BE CAPPED IF METALLIC OR PLUGGED IF NON - METALLIC IMMEDIATELY AFTER PLACEMENT AND BEFORE CONCRETE IS POURED. CONDUITS IN WHICH WIRE OR CABLE IS NOT BEING INSTALLED SHALL REMAIN CAPPED OR PLUGGED.

CONCRETE FORM DEPTH BELOW FINISHED GRADE SHALL BE 6 INCHES MAXIMUM. CONCRETE FORMS SHALL BE REMOVED AFTER CONCRETE HAS SET.

CONDUIT EXITING THE CONCRETE BASE (SIX 3") SHALL TERMINATE IN PULL BOXES AS SHOWN ON THE PLANS.

BELL ENDS SHALL BE INSTALLED ON ALL PVC CONDUIT EXPOSED AT THE TOP OF THE CONCRETE BASE BEFORE INSTALLATION OF CABLE OR WIRE.

CONCRETE CONTROL CABINET BASE TYPE 9, SPECIAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
September 2014
DATE
/S/ Ahmet Demerbilek
STATE ELECTRICAL ENGI

FHWA

SDD 09C06 - 07

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

BASES (SHAFT) SHALL BE EXCAVATED BY THE USE OF A CIRCULAR AUGER. IF BASE REQUIRES A DEEP FORM BECAUSE OF LOOSE SOIL, THE FORM SHALL BE REMOVED BEFORE BACKFILLING. A STEEL CASING OR CORRUGATED METAL PIPE IS ALLOWED TO REMAIN. BACKFILL SHALL BE TAMPED TIGHT AGAINST THE BASE IN LAYERS OF ONE FOOT OR LESS.

TOP SURFACE OF THE CONCRETE BASE SHALL BE TROWEL FINISHED AND LEVEL.

ANCHOR RODS SHALL BE INSTALLED WITH MISALIGNMENTS OF LESS THAN 1:40 FROM VERTICAL.

BAR STEEL REINFORCEMENT SHALL BE COATED WITH POWDERED EPOXY RESIN IN ACCORDANCE WITH SECTION 505 OF THE STANDARD SPECIFICATIONS (LATEST EDITION).

WELDING OF ANCHOR RODS TO THE CAGE IS UNACCEPTABLE. TEMPLATES SHALL BE USED.

CONDUIT SIZES AND LOCATIONS SHALL BE SHOWN ON THE PLANS.

MINIMUM BENDING RADIUS OF CONDUIT IS EQUAL TO 6 TIMES THE DIAMETER.

CONDUIT HEIGHT ABOVE CONCRETE BASES SHALL BE 4" INCHES. ALL METALLIC CONDUIT ENDS SHALL BE REAMED AND THREADED. NON-METALLIC CONDUIT SHALL HAVE BELL ENDS INSTALLED. ALL CONDUIT SHALL SLOPE TO PULL BOX.

ALL CONDUIT ENDS AT THE TOP OF CONCRETE BASES SHALL BE CAPPED IF METALLIC OR PLUGGED IF NON-METALLIC IMMEDIATELY AFTER PLACEMENT AND BEFORE CONCRETE IS POURED. CONDUITS IN WHICH WIRE OR CABLE IS NOT INSTALLED SHALL REMAIN CAPPED OR PLUGGED.

BELL ENDS SHALL BE INSTALLED ON ALL PVC CONDUIT EXPOSED AT THE TOP OF CONCRETE BASES BEFORE INSTALLATION OF CABLE OR WIRE.

WHEN REQUIRED TO CONNECT NON-METALLIC CONDUIT TO METALLIC CONDUIT, ONLY ADAPTER FITTINGS, U.L. LISTED FOR ELECTRICAL USE, SHALL BE USED.

ENDS OF CONDUIT INSTALLED BELOW GRADE FOR FUTURE USE SHALL BE CAPPED IF METALLIC OR PLUGGED IF NONMETALLIC.

A NO. 4 AWG STRANDED COPPER EQUIPMENT GROUNDING CONDUCTOR SHALL BE EXOTHERMICALLY WELDED TO THE EQUIPMENT GROUNDING ELECTRODE (GROUND ROD).

THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE FURNISHED AND INSTALLED TO ENTER THE BASE THROUGH A 1 INCH CONDUIT INSTALLED FOR GROUNDING PURPOSES, LEAVING A 4 FOOT COIL OF WIRE ABOVE THE CONCRETE BASE. THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE NEATLY COILED AND THE COILS TIED TOGETHER.

THE FINAL OR TERMINATING CONCRETE BASE IN A CONDUIT RUN SHALL HAVE A 6" EXIT STUB INSTALLED FOR FUTURE CABLING USE. THE EXIT STUB SHALL BE SIZED AS USED THROUGHOUT THE CONDUIT RUN AS SHOWN A THE ENTRANCE OF THE BASE.

(1) THE MINIMUM DEPTH OF CONDUIT EXITING THE CONCRETE BASE AND INSTALLED BELOW THE TRAVELED WAY SHALL BE 24 INCHES. THE MINIMUM DEPTH OF CONDUIT EXITING THE CONCRETE BASE THAT IS NOT INSTALLED BELOW THE TRAVELED WAY SHALL BE 18 INCHES. THE MAXIMUM DEPTH OF ALL CONDUIT SHALL BE 36 INCHES (GREATER THAN 36 INCHES IF INSTALLED IN BREAKER RUN) EXCEPT WITH WRITTEN APPROVAL OF THE ENGINEER.

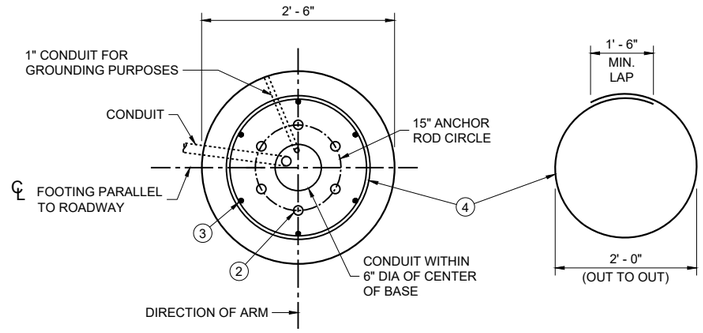
(2) (6) 1 ½ DIA. X 4' - 4" ANCHOR RODS

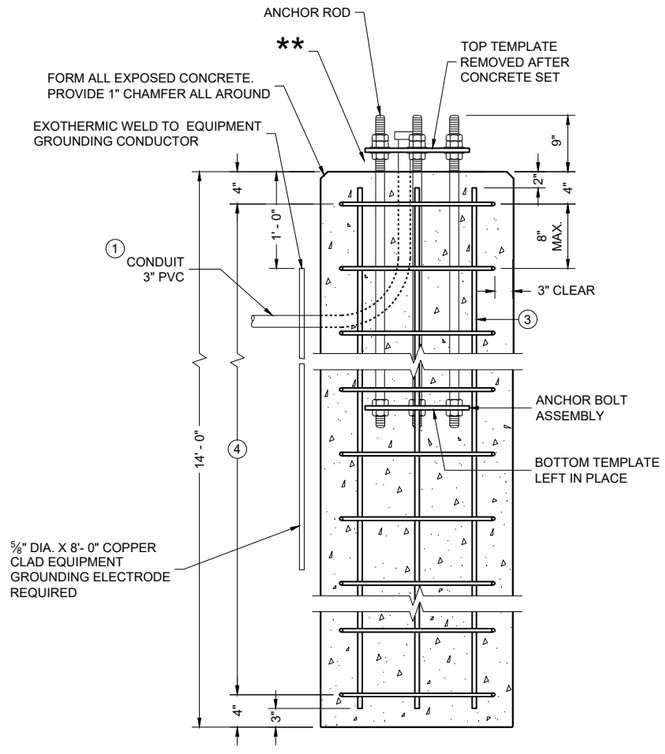
(3) (6) NO. 6 X 13' - 7" BAR STEEL REINFORCEMENT.

(4) (21) NO. 5 X 7'-10" BAR STEEL REINFORCEMENT @ 8" MAX. C-C.

CONCRETE MASONRY.....fc = 3,500 p.s.i
HIGH STRENGTH BAR STEEL REINFORCEMENT, GRADE 60.....fy = 60,000 p.s.i.
ANCHOR RODS, ASTM F1554 GRADE 55 (IN ACCORDANCE WITH SECTION 531.2.2 OF THE STANDARD SPECIFICATION).....fy = 55,000 p.s.i.
TEMPLATES, ASTM A709, GRADE 36.....fy = 36,000 p.s.i.

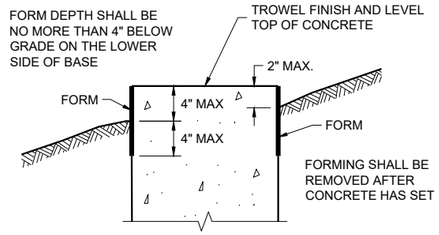
QUANTITY REQUIREMENTS	
APPROX. CUBIC YARDS OF CONCRETE	2.5
LBS. OF HOOP BAR STEEL	172
LBS. OF VERTICAL BAR STEEL	122



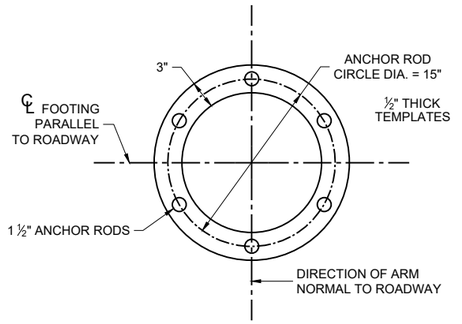


CONCRETE BASE, TYPE 10 SPECIAL OVER HEIGHT (FOR OVER HEIGHT TYPE 9 & OVER HEIGHT TYPE 10 SPECIAL POLES ONLY)

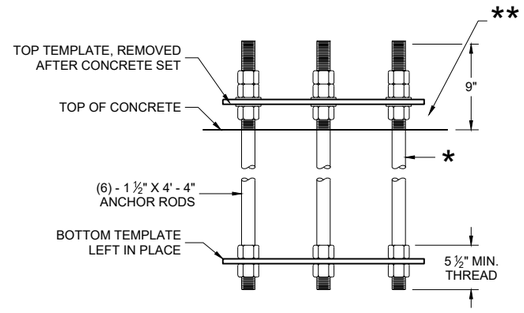
TO BE USED WHEN GROUND ELEVATION AT BASE EQUALS OR IS GREATER THAN HIGH POINT OF ROADWAY ELEVATION. SEE SDD 9C13 WHEN GROUND ELEVATION AT BASE IS LOWER THAN HIGH POINT OF ROADWAY ELEVATION.



FORMING DETAIL



TOP AND BOTTOM TEMPLATE



ANCHOR ROD ASSEMBLY DETAILS

* THREAD TOP 10" OF ANCHOR ROD FOR 3 NUTS AND 2 WASHERS AND BOTTOM 5 ½" FOR 2 NUTS PER ANCHOR ROD. HOT DIP GALVANIZE THE ENTIRE LENGTH OF THE ANCHOR ROD (ASTM A123) AND HOT DIP NUTS AND WASHERS (ASTM A153. USE ZINC COATED NUTS MANUFACTURED WITH SUFFICIENT ALLOWANCE TO ALLOW NUTS TO RUN FREELY ON THE THREADS.

** RODENT PROTECTION REQUIRED

CONCRETE BASE TYPE 10

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2025 — DATE
/S/ Ahmet Demerbilek — WIND LOADED STRUCTURES PROGRAM LEADER
FHWA

6
SDD 09C11-11

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

THE CONTRACTOR IS RESPONSIBLE FOR MAKING THEIR OWN DETERMINATION AS TO THE TYPE AND LOCATION OF UNDERGROUND UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THERETO.

BASES (SHAFT) SHALL BE EXCAVATED BY THE USE OF A CIRCULAR AUGER. IF BASE REQUIRES A DEEP FORM BECAUSE OF LOOSE SOIL, THE FORM SHALL BE REMOVED BEFORE BACKFILLING. A STEEL CASING OR CORRUGATED METAL PIPE IS ALLOWED TO REMAIN. BACKFILL SHALL BE TAMPED TIGHT AGAINST THE BASE IN LAYERS OF ONE FOOT OR LESS.

TOP SURFACE OF THE CONCRETE BASE SHALL BE TROWEL FINISHED AND LEVEL.

ANY DAMAGE TO THE CONCRETE BASE AND ANCHOR RODS DURING CONSTRUCTION OPERATIONS SHALL BE REPAIRED AT THE ENGINEER'S DIRECTION, AT THE EXPENSE OF THE CONTRACTOR.

THE REINFORCEMENT AND ANCHOR RODS SHALL BE ADEQUATELY SUPPORTED IN THE PROPER POSITIONS SO NO MOVEMENT OCCURS DURING CONCRETE PLACEMENT.

ORIENT ANCHOR RODS IN FOOTING AND PROVIDE ANCHOR RODS STICK OUT ABOVE TOP OF CONCRETE FOOTING BASE PER THIS SHEET.

ANCHOR RODS SHALL BE INSTALLED WITH MISALIGNMENTS OF LESS THAN 1:40 FROM VERTICAL.

BAR STEEL REINFORCEMENT SHALL BE COATED WITH POWDERED EPOXY RESIN IN ACCORDANCE WITH SECTION 505 OF THE STANDARD SPECIFICATIONS (LATEST EDITION).

BENDING DIMENSIONS FOR REINFORCING BARS ARE OUT TO OUT.

WELDING OF ANCHOR RODS TO THE CAGE IS UNACCEPTABLE. TEMPLATES SHALL BE USED.

USE 3" CLEAR FOR ALL REINFORCEMENT UNLESS NOTED OTHERWISE.

FORM ALL EXPOSED CONCRETE CORNERS WITH 1" CHAMFER ALL AROUND. TOP OF THE CONCRETE BASE SHALL BE TROWEL FINISHED AND LEVEL.

CONDUIT SIZES AND LOCATIONS SHALL BE SHOWN ON THE PLANS.

MINIMUM BENDING RADIUS OF CONDUIT IS EQUAL TO 6 TIMES THE DIAMETER.

CONDUIT HEIGHT ABOVE CONCRETE BASES SHALL BE 4 ½" INCHES. ALL METALLIC CONDUIT ENDS SHALL BE REAMED AND THREADED. NON-METALLIC CONDUIT SHALL HAVE BELL ENDS INSTALLED. ALL CONDUIT SHALL SLOPE TO PULL BOX.

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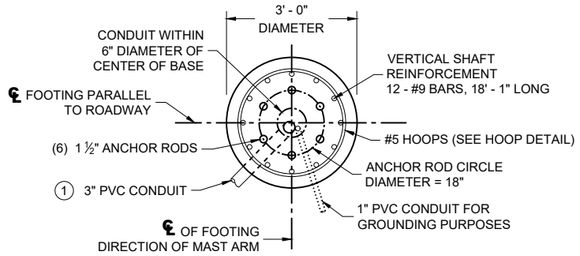
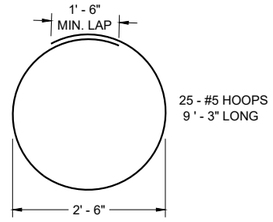
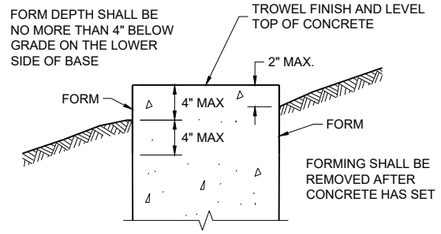
CONCRETE MASONRY.....fc = 3,500 p.s.i
HIGH STRENGTH BAR STEEL REINFORCEMENT, GRADE 60.....fy = 60,000 p.s.i.
ANCHOR RODS, ASTM F1554 GRADE 55.....fy = 55,000 p.s.i.
(IN ACCORDANCE WITH SECTION 531.2.2 OF THE STANDARD SPECIFICATION)
TEMPLATES, ASTM A709, GRADE 36.....fy = 36,000 p.s.i.



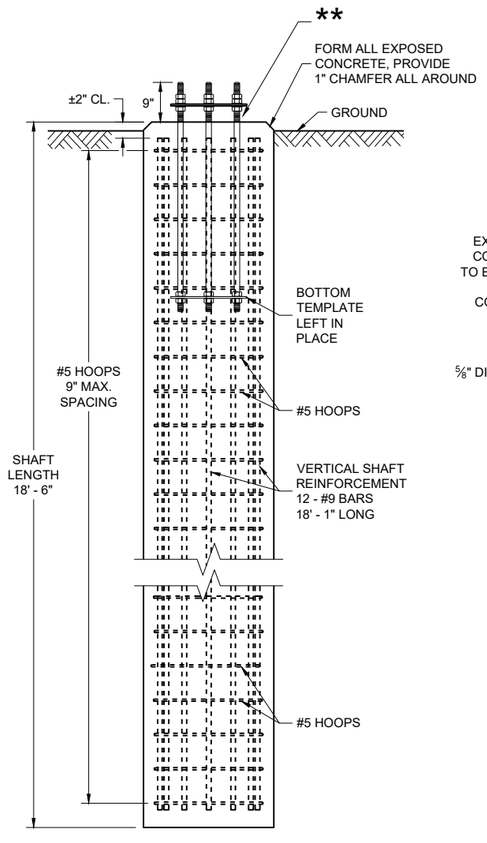
PLAN VIEW



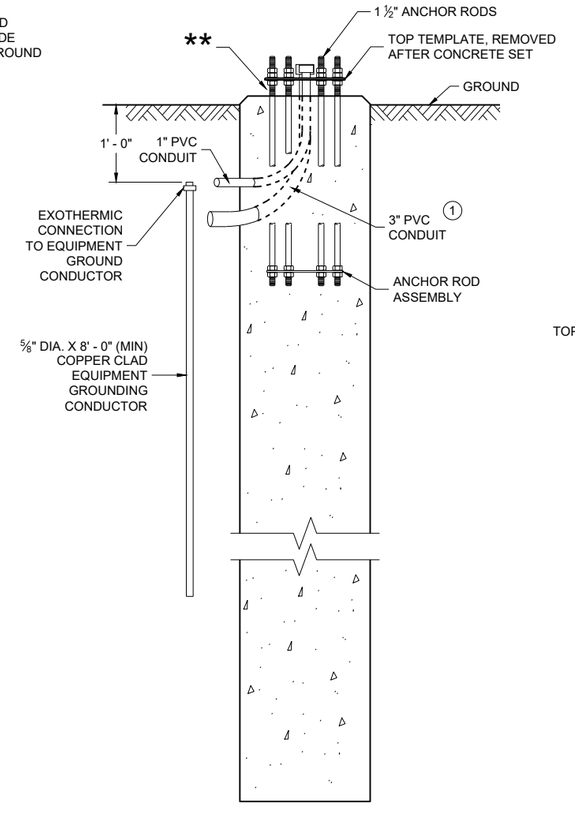
HOOP DETAIL



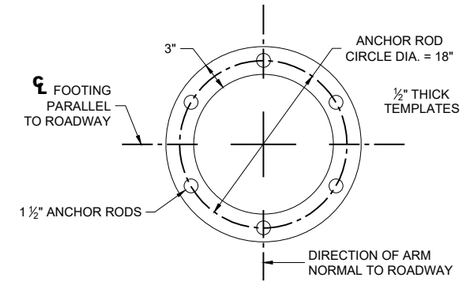
FORMING DETAIL



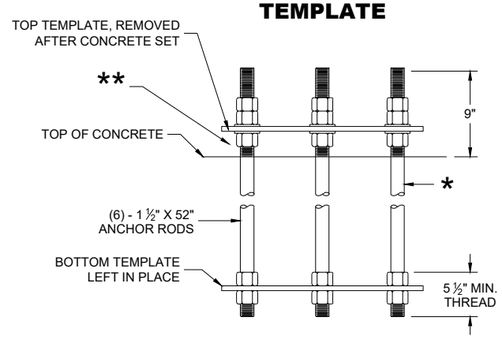
ELEVATION VIEW
(CONDUITS NOT SHOWN ON THIS VIEW FOR CLARITY)



SIDE VIEW
(HOOPS AND VERTICAL SHAFT REINFORCEMENT NOT SHOWN ON THIS VIEW FOR CLARITY)



TOP AND BOTTOM TEMPLATE



ANCHOR ROD ASSEMBLY DETAILS

* THREAD TOP 10" OF ANCHOR ROD FOR 3 NUTS AND 2 WASHERS AND BOTTOM 5 ½" FOR 2 NUTS PER ANCHOR ROD. HOT DIP GALVANIZE THE ENTIRE LENGTH OF THE ANCHOR ROD (ASTM A123) AND HOT DIP NUTS AND WASHERS (ASTM A153. USE ZINC COATED NUTS MANUFACTURED WITH SUFFICIENT ALLOWANCE TO ALLOW NUTS TO RUN FREELY ON THE THREADS.

** RODENT PROTECTION REQUIRED

CONCRETE BASE, TYPE 10 SPECIAL
(FOR TYPE 9 SPECIAL AND TYPE 10 SPECIAL POLES AND OVER HEIGHT (OH) POLES)

CONCRETE = 4.8 CUBIC YARD
H.S. REINFORCEMENT = 979 LBS.

FOR USE WHEN GROUND ELEVATION AT BASE EQUALS OR IS GREATER THAN HIGH POINT OF ROADWAY ELEVATION.

CONCRETE BASE TYPE 10 SPECIAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2025 — DATE
/S/ Alex Crabtree — WIND LOADED STRUCTURES PROGRAM LEADER

FHWA

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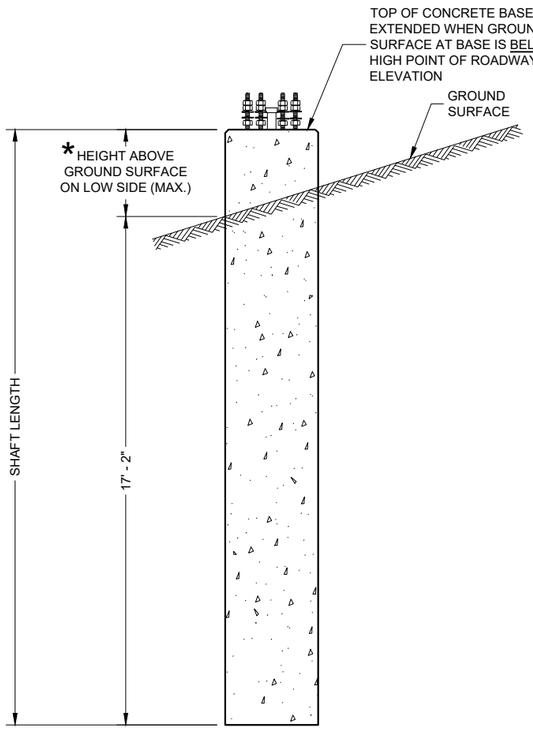
SDD 09C15-03

REINFORCEMENT AND CONCRETE QUANTITIES
ADJUSTED FOR EXTENDED TYPE 10 SPECIAL CONCRETE BASE

HEIGHT INCREASE REQUIRED	*HEIGHT ABOVE GROUND SURFACE ON LOW SIDE (MAX.)	SHAFT LENGTH	LENGTH OF #8 VERTICAL REINF.	NO. OF #5 HOOPS	CU. YD. OF CONCRETE	LBS. OF HOOP BAR STEEL	LBS. OF VERTICAL STEEL
>0" TO 6"	10"	18' - 0"	17' - 7"	25	4.7	241	563
>6" TO 1' - 0"	1' - 4"	18' - 6"	18' - 1"	25	4.8	241	579
>1' - 0" TO 1' - 6"	1' - 10"	19' - 0"	18' - 7"	26	5.0	251	595
>1' - 6" TO 2 - 0"	2' - 4"	19' - 6"	19' - 1"	27	5.1	260	611



CONCRETE BASE TYPE 10 SPECIAL (EXTENDED)

CONCRETE BASE TYPE 10 SPECIAL EXTENSION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2023
DATE

/S/ Ahmet Demirbilek
STATE ELECTRICAL ENGI

FHWA

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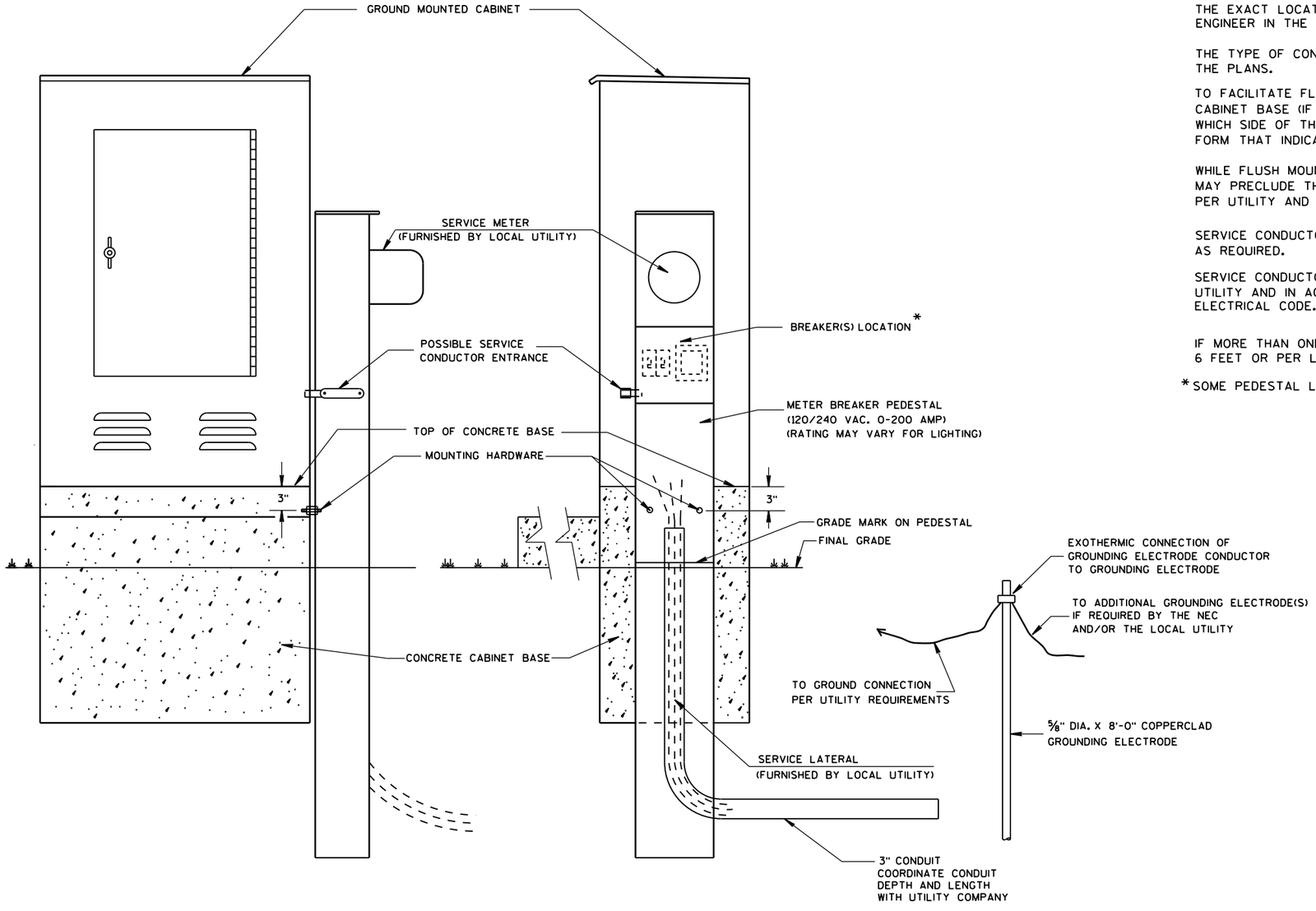
SDD 09C16-01



TYPICAL CABINET SERVICE INSTALLATION

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

THE EXACT LOCATION OF THE METER BREAKER PEDESTAL SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

THE TYPE OF CONCRETE CABINET BASE TO BE INSTALLED SHALL BE AS CALLED FOR IN THE PLANS.

TO FACILITATE FLUSH MOUNTING OF THE METER BREAKER PEDESTAL AGAINST THE SIDE OF THE CABINET BASE (IF FLUSH MOUNTING POSSIBLE. CONFER WITH THE LOCAL UTILITY TO DETERMINE WHICH SIDE OF THE CONCRETE BASE THE ELECTRICAL SERVICE LATERAL WILL APPROACH. THEN FORM THAT INDICATED SIDE FOR FULL SIDE DEPTH.

WHILE FLUSH MOUNTING IS THE MOST DESIRABLE MOUNTING CONFIGURATION UTILITY REQUIREMENTS MAY PRECLUDE THIS OPTION. CONTRACTOR MUST PROVIDE UTILITY APPROVED PEDESTAL AND INSTALL PER UTILITY AND MANUFACTURERS REQUIREMENTS.

SERVICE CONDUCTOR ENTRANCES SHALL BE RIGID METALLIC CONDUIT, NIPPLES AND/OR CONDULETS AS REQUIRED.

SERVICE CONDUCTOR ENTRANCES SHALL BE SIZED AND LOCATED AS REQUIRED BY THE LOCAL UTILITY AND IN ACCORDANCE WITH APPROPRIATE ARTICLES OF THE LATEST ACCEPTED NATIONAL ELECTRICAL CODE.

IF MORE THAN ONE GROUNDING ELECTRODE IS REQUIRED, THE DISTANCE APART SHALL BE 6 FEET OR PER LOCAL UTILITY REGULATIONS.

* SOME PEDESTAL LIGHTING PLANS SHOW MAIN LUGS ONLY.

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S.D.D. 9 D 1-5

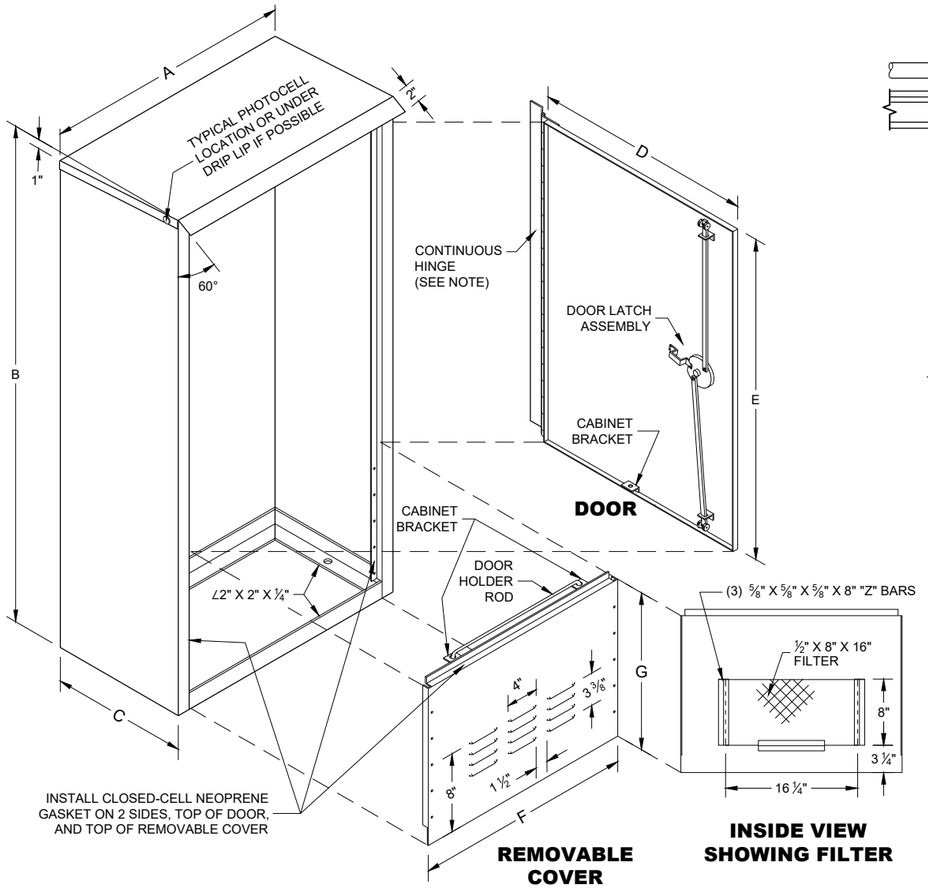
CABINET SERVICE INSTALLATION (METER BREAKER PEDESTAL)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
Sept. 2014
DATE

/S/ Ahmet Demirbilek
STATE ELECTRICAL

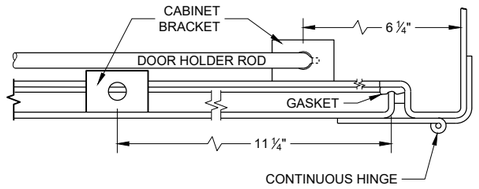
FHWA



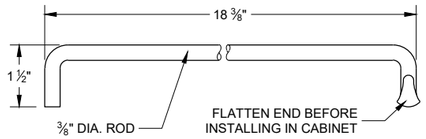
DOOR

REMOVABLE COVER

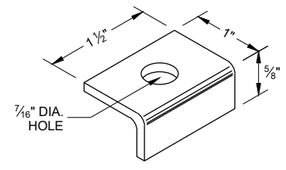
INSIDE VIEW SHOWING FILTER



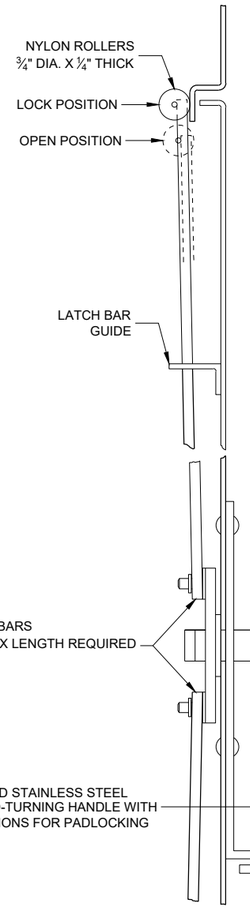
HINGE AND DOOR HOLDER

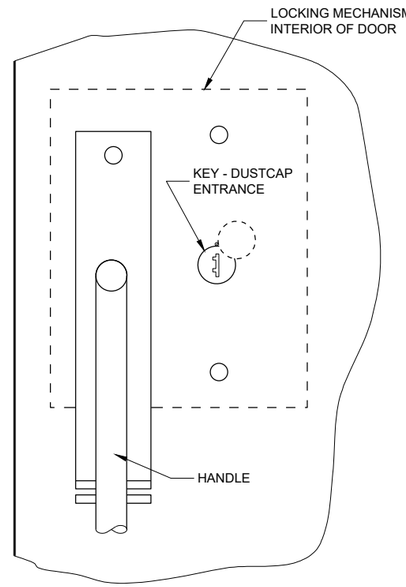


HOLDER ROD



CABINET BRACKET





SIDE VIEW **FRONT VIEW**

LATCH ASSEMBLY

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

PRIME WITH PHOSPHATE TREATMENT AND PRIMER.

FINISH EXTERIOR SURFACES WITH RUSTOLEUM #906 SILVER GRAY OR APPROVED EQUAL.

FINISH INTERIOR WITH RUSTOLEUM #2766 HIGH GLOSS WHITE ENAMEL OR APPROVED EQUAL.

ALL SHEET METAL PARTS SHALL BE .125 INCH THICK ALUMINUM.

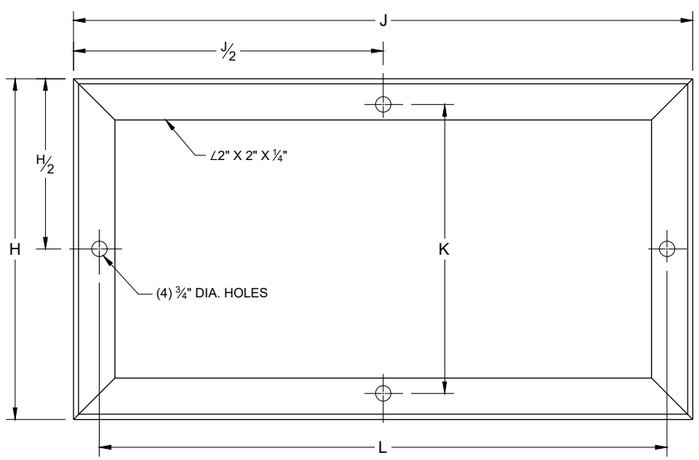
ALL SEAMS SHALL BE CONTINUOUSLY WELDED.

ALUMINUM SHALL BE TYPE 5052-H32.

CONTINUOUS HINGE SHALL BE HEAVY GAUGE ALUMINUM WITH ¼" DIAMETER STAINLESS STEEL HINGE PIN. HINGE IS SECURED WITH ¼" X 20 TPI STAINLESS STEEL CARRIAGE BOLTS AND STAINLESS STEEL NYLOCK NUTS.

A SINGLE PHOTOCELL SHALL BE LOCATED ON THE NORTH - NORTHEAST SIDE OF THE CABINET UNLESS OTHERWISE CALLED FOR IN THE SPECIAL PROVISIONS. THE PHOTOCELL SHALL BE PLACED AS SHOWN AND SHALL BE LISTED ON THE DEPARTMENTS APPROVED PRODUCTS LIST.

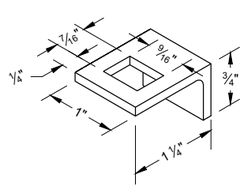
DOOR LATCH ASSEMBLY TO BE PROVIDED WITH THREE-POINT LOCKING MECHANISM.



MOUNTING BASE

TABLE OF DIMENSIONS (INCHES)

MARK	CABINET TYPE		
	3060	3860	3866
A	30	38	38
B	60	60	66
C	16 ½	16 ½	24
D	26 ½	34 ¾	33 ¾
E	38 ¾	38 ¾	38 ¾
F	26 ½	34 ¾	33 ¾
G	19	19	25
H	16 ½	16 ½	24
H/2	8 ¼	8 ¼	12
J	30	38	38
J/2	15	19	19
K	13 ¾	13 ¾	21 ¼
L	27 ½	35 ½	35 ½



LATCH BAR GUIDE

SIGNAL CONTROL CABINET

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
September 2014
DATE

/S/ Ahmet Demerbilek
STATE ELECTRICAL ENGI

FHWA

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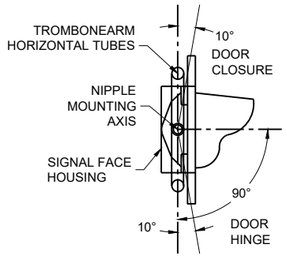
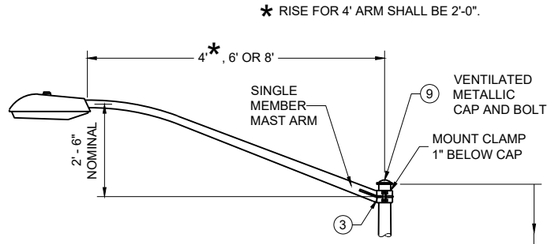
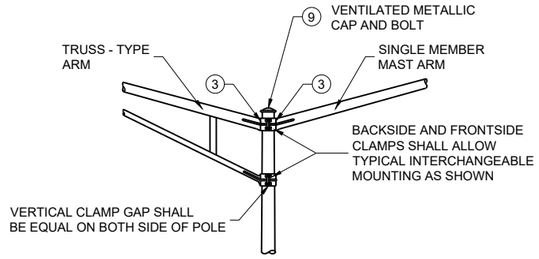
SDD 09D02 - 03

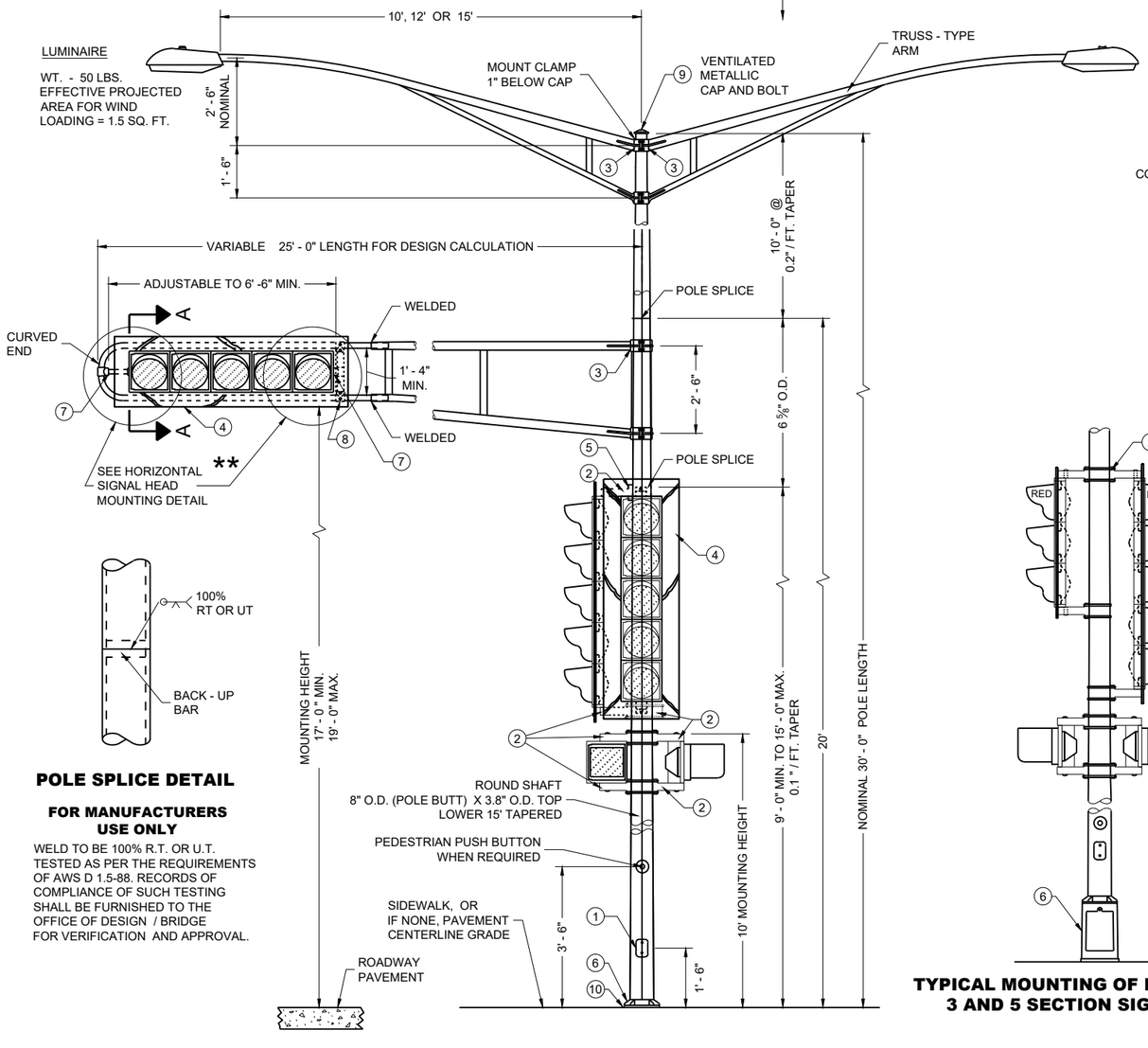


SECTION A-A





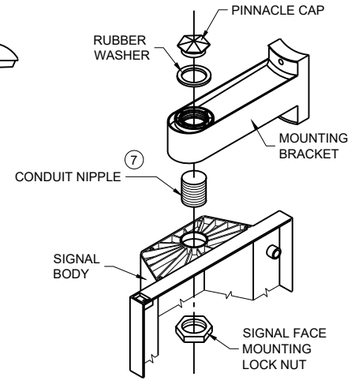
INTERCHANGEABLE MOUNTING DETAIL



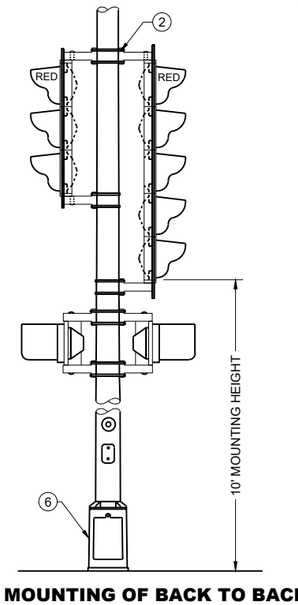
POLE SPLICE DETAIL

FOR MANUFACTURERS USE ONLY

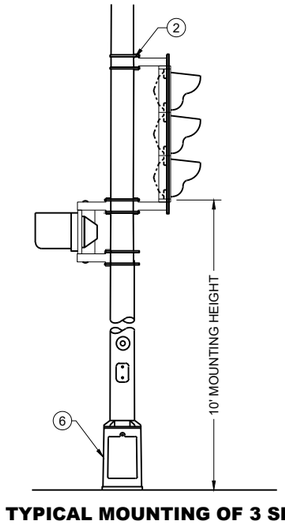
WELD TO BE 100% R.T. OR U.T. TESTED AS PER THE REQUIREMENTS OF AWS D 1.5-88. RECORDS OF COMPLIANCE OF SUCH TESTING SHALL BE FURNISHED TO THE OFFICE OF DESIGN / BRIDGE FOR VERIFICATION AND APPROVAL.



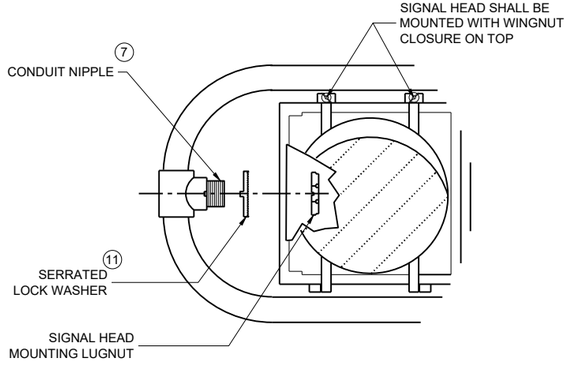
SIGNAL FACE MOUNTING DETAIL
(BANDED)



TYPICAL MOUNTING OF BACK TO BACK 3 AND 5 SECTION SIGNAL FACES



TYPICAL MOUNTING OF 3 SECTION SIGNAL FACE



HORIZONTAL SIGNAL HEAD MOUNTING DETAIL **

** SIGNAL HEAD ATTACHMENT ALSO APPLIES TO MOUNTING AT CROSS BAR

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

ALL TYPE 3 POLE MOUNTINGS SHALL BE DESIGNED TO INCLUDE TWIN 15' ARMS WITH LUMINAIRES.

POLES SHALL BE GALVANIZED STEEL.

SECTION 657, POLES, OF THE STANDARD SPECIFICATIONS SHALL APPLY TO THIS DRAWING.

A PULL WIRE / ROPE SHALL BE INSTALLED IN EACH TROMBONE ARM RACEWAY DURING THE MANUFACTURING PROCESS.

THE SLIPFITTER END OF THE LUMINAIRE MAST ARM SHALL BE A NOMINAL 2 ⅜" INCHES IN OUTSIDE DIAMETER. THE STRAIGHT PORTION OF THE SLIPFITTER END OF THE LUMINAIRE MAST ARM SHALL BE A NOMINAL 12 INCHES IN LENGTH.

WHEN TRANSFORMER BASES ARE USED, WIRE CONNECTIONS SHALL BE MADE IN THE TRANSFORMER BASE.

(1) 4" X 6" REINFORCED HANDHOLE AND COVER ASSEMBLY WITH TWO (2) ¼"X¾" - 20 TPI , STAINLESS STEEL, HEX HEAD BOLTS.

(2) SIGNAL FACE MOUNTING BRACKETS. MOUNT WITH CAP SCREWS AND BANDING.

(3) GROMMETS. 1" CHASE NIPPLES OR 1" CLOSE CONDUIT NIPPLES WITH BUSHINGS SHALL BE PROVIDED FOR 1 ⅜" HOLE IN POLE SHAFT FOR WIRING.

(4) SECURELY MOUNT DULL BLACK POLYCARBONATE BACK PLATES, PROJECTING 5" BEYOND ALL SIDES OF THE SIGNAL FACE HOUSING, PER MANUFACTURER'S RECOMMENDATIONS.

(5) POLE MOUNTED SIGNAL FACES SHALL REQUIRE ONE OR MORE MOUNTING SPACERS UNDER THE TOP MOUNTING BRACKET(S) AS REQUIRED, TO PLUMB THE SIGNAL FACE.

(6) CAST ALUMINUM TRANSFORMER BASE. UNDER MAX LOADING, TYPE 3 POLE SHALL BE MOUNTED DIRECTLY TO ITS CONCRETE BASE.

(7) USE 1 ½" ID NIPPLES ZINC-COATED RIGID METAL CONDUIT, LONG ENOUGH TO ACCOMMODATE FULL DEPTH THREADING INTO THE HEAD MOUNTING LOCK NUT IN ORDER TO TIGHTEN THE FACE, BUT THAT DO NOT INTERFERE WITH REFLECTOR CLOSURE. THREAD THE NIPPLE INTO THE MOUNTING BRACKET/ELBOW UNTIL TIGHT. USE APPROVED PINNACLE TYPE HARDWARE FROM A DEPARTMENT APPROVED MANUFACTURER TO CLOSE THE UNUSED 1 ½" OPENING IN SIGNAL FACES AND BRACKET ENDS.

(8) VERTICAL STRUT (ADJUSTABLE). ONE (1) SET SCREW (¼"X¾" - 20 TPI STAINLESS STEEL, HEX HEAD) INTO EACH ARM MEMBER IF STRUT IS THE SLIDING TYPE.

(9) FURNISH AND INSTALL VENTILATED, CAST METALLIC (ALUMINUM ALLOY) CAPS. FASTEN CAPS WITH ¼"X¾" - 20 TPI STAINLESS STEEL, HEX HEAD BOLT. ONE (1)

(10) SHIMMING, IF NEEDED, SHALL BE LOCATED BETWEEN THE CONCRETE FOUNDATION AND POLE.

(11) USE SERRATED LOCK WASHERS WITH NOTCHES BETWEEN END TEE AND SIGNAL HEAD.

TYPE 3 POLE MOUNTING CONFIGURATION

POLE MOUNTINGS FOR TRAFFIC SIGNALS AND LIGHTING UNITS TYPE 3 (HEAVY DUTY)

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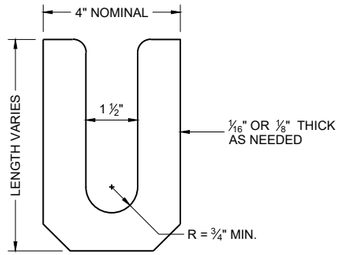
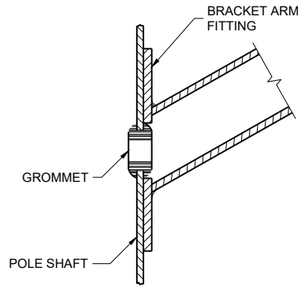
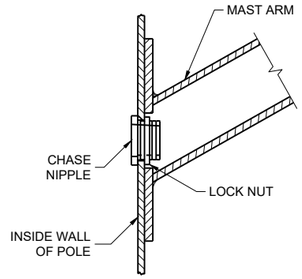


①

LEVELING SHIM
SHALL BE ALUMINUM



TYPICAL APPLICATION OF GROMMET IN POLE SHAFT



TYPICAL APPLICATION OF CHASE NIPPLE IN POLE SHAFT

GENERAL NOTES

CLAMP BOLT-NUT TIGHTENING TORQUE SHALL BE INDICATED BY INDENT STAMPING (1/2 INCH NUMERALS AND LETTERS) OR WEATHERPROOF PRINTING ON THE INSIDE OF THE CLAMP THAT IS WELDED TO THE ARM MEMBER.

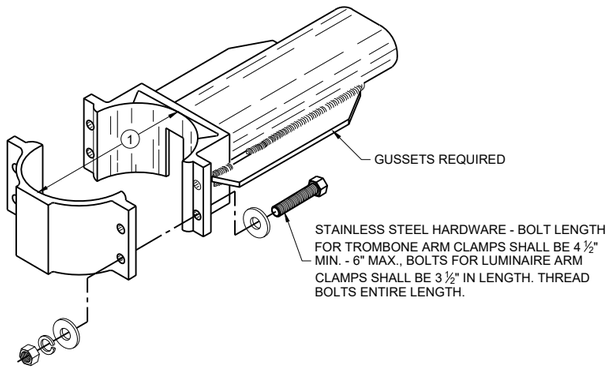
① 4.5" I.D. FOR LUMINAIRE MAST ARM CLAMP. 6.625" I.D. FOR TROMBONE MAST ARM CLAMP.

② INDIVIDUAL BASE PLATE ANCHOR ROD COVERS. (4 REQUIRED)

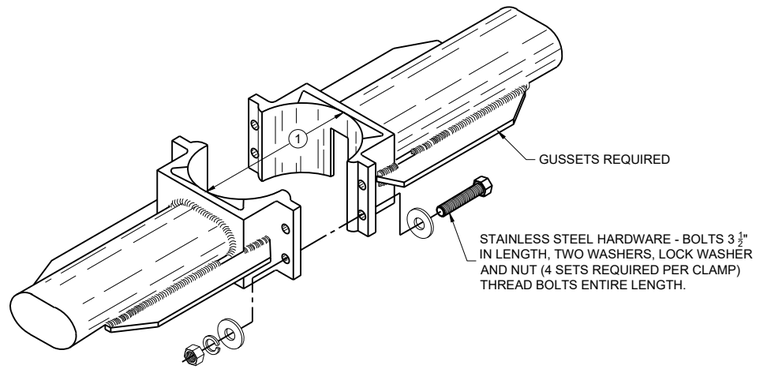
③ BASE PLATE SLOTTED TO ACCEPT 11" THROUGH 12" BOLT CIRCLE USING 1" DIAMETER ANCHOR RODS.

④ LEVELING SHIMS, DESIGNED FOR THE PURPOSE, SHALL BE USED WHEN PLUMBING POLES. THE USE OF WASHERS IN LIEU OF PROPER LEVELING SHIMS IS NOT ACCEPTABLE. LEVELING SHIMS SHALL BE USED ONLY BETWEEN THE TOP OF THE CONCRETE BASE AND A METALLIC BASE PLATE.

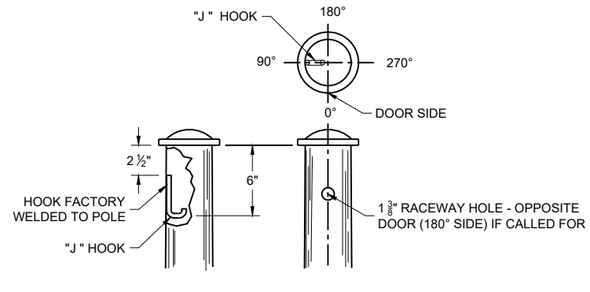
SHIMS SHALL BE LONG ENOUGH AND WIDE ENOUGH TO COMPLETELY COVER THE AREA UNDER THE LENGTH AND WIDTH OF THE BASE MOUNTING FLANGE.



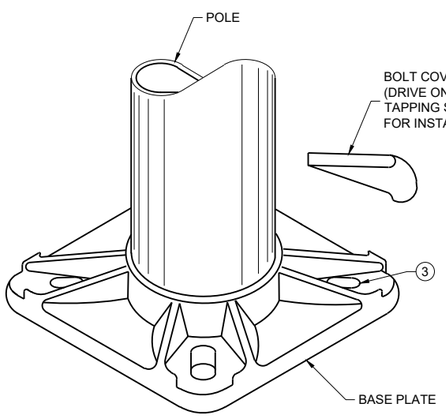
TYPICAL TROMBONE MAST ARM AND SINGLE LUMINAIRE MAST ARM MOUNTING CLAMP



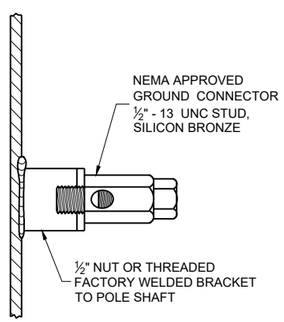
TYPICAL LUMINAIRE MAST ARM (DOUBLE) MOUNTING BRACKETS

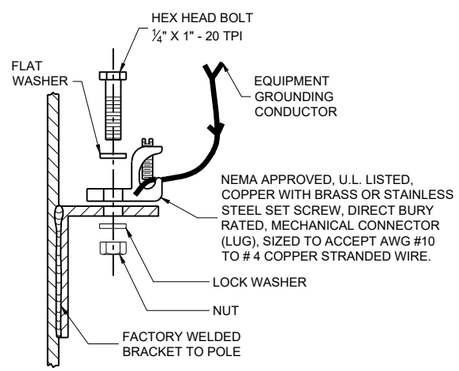


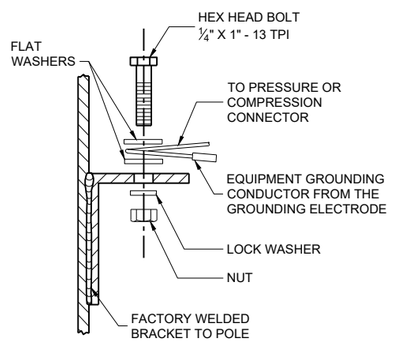
TYPICAL "J" HOOK LOCATION



BASE PLATE







TYPICAL GROUNDING CONNECTIONS
NUT, BOLT AND WASHERS SHALL BE STAINLESS STEEL

HARDWARE DETAILS FOR POLE MOUNTING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2026 — DATE
/S/ Ahmet Demirbilek — STATE ELECTRICAL ENGINEER

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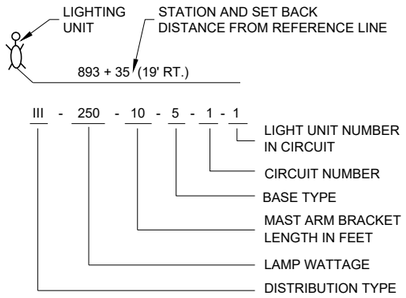
GENERAL NOTES

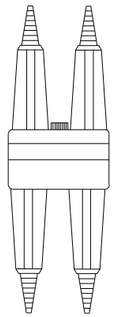
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

THE EQUIPMENT GROUND CONNECTOR SHALL BE TAPED WITH 3 WRAPS (MINIMUM) OF APPROVED RUBBER TAPE AND 3 WRAPS (MINIMUM) OF APPROVED VINYL TAPE TO COVER SHARP WIRE ENDS AFTER THE CONNECTION IS COMPLETED.

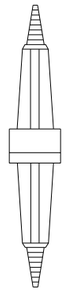
WHEN TRANSFORMER BASES ARE USED, ALL WIRING CONNECTIONS SHALL OCCUR WITHIN THE TRANSFORMER BASES.



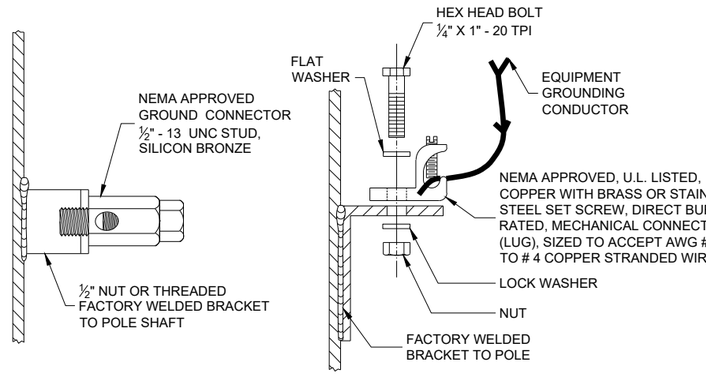
LIGHTING UNIT CODE
(TYPICAL)



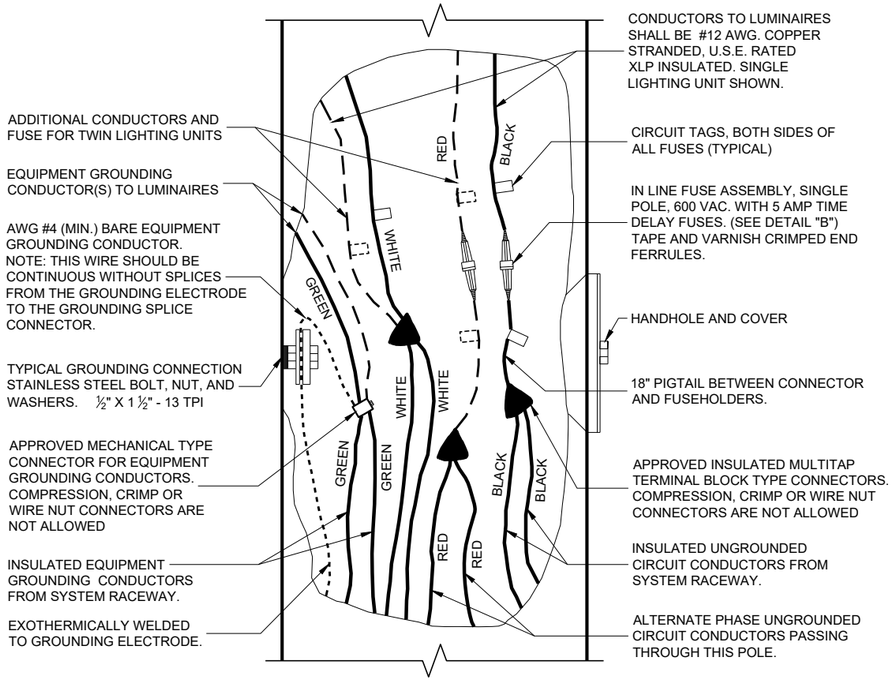
DETAIL "A"
BREAKAWAY DOUBLE POLE WITH WATERPROOF INSULATING BOOT



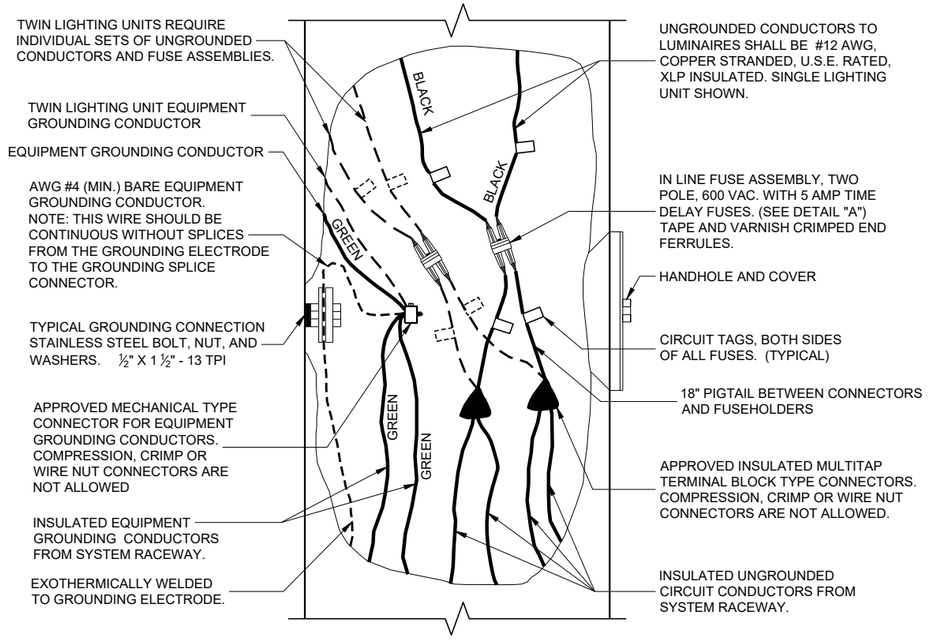
DETAIL "B"
BREAKAWAY SINGLE POLE WITH WATERPROOF INSULATING BOOT



TYPICAL GROUNDING CONNECTIONS
NUT, BOLT AND WASHERS SHALL BE STAINLESS STEEL



3 WIRE - 120, 240 OR 480 VAC (UNGROUNDED CONDUCTORS) WITH GROUNDING CONDUCTOR AND EQUIPMENT GROUNDING CONDUCTOR



2 WIRE - 240 OR 480 VAC (UNGROUNDED CONDUCTORS) WITH EQUIPMENT GROUNDING CONDUCTOR

NON - FREEWAY LIGHTING UNIT POLE WIRING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2018
DATE
/S/ Ahmet Demirbilek
STATE ELECTRICAL ENGI

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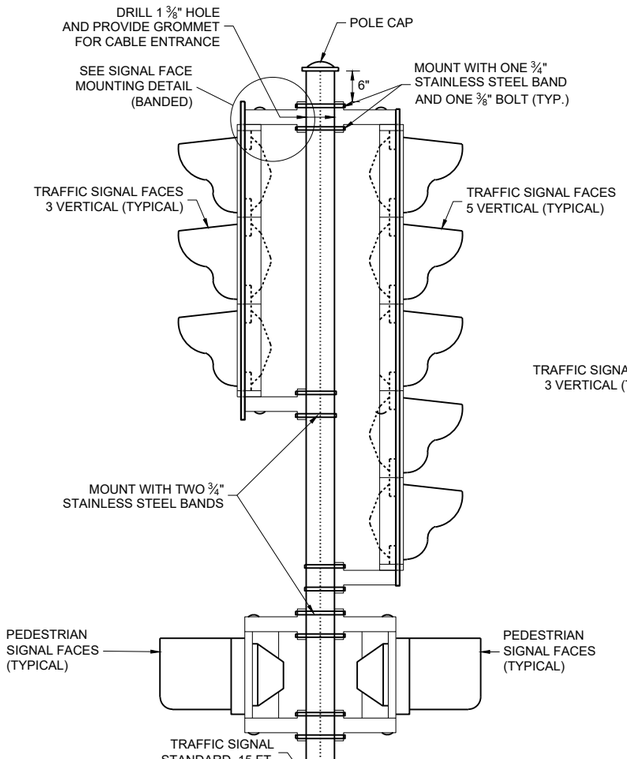
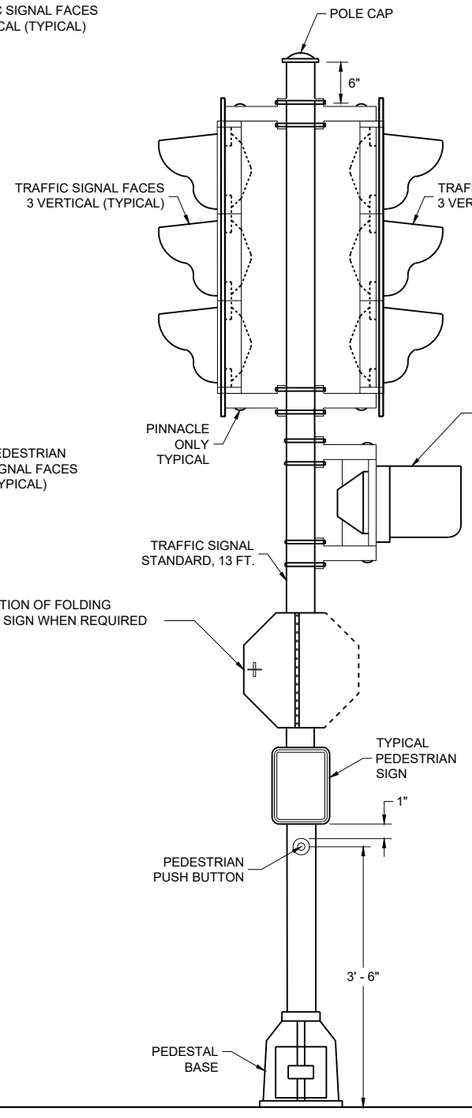
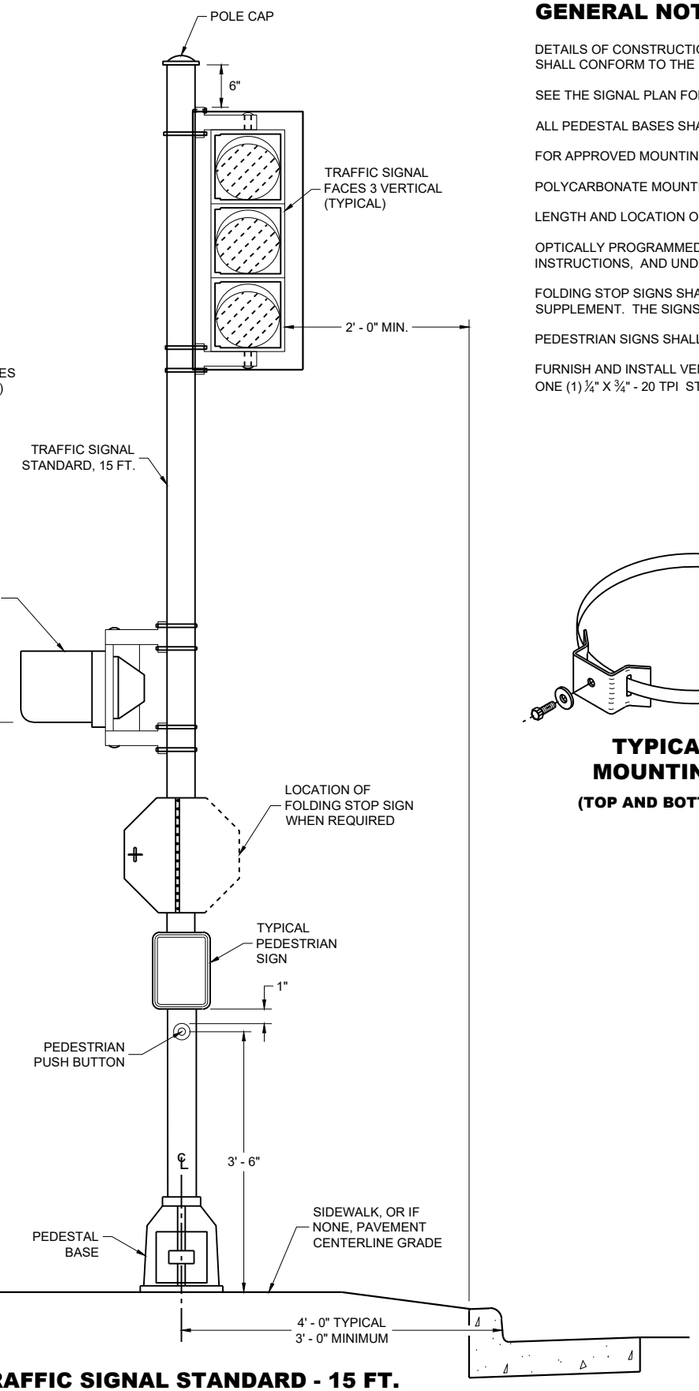


TRAFFIC SIGNAL
STANDARD - 15 FT.



TRAFFIC SIGNAL
STANDARD - 13 FT.



TRAFFIC SIGNAL STANDARD - 15 FT.
3M MOUNTING (TYPICAL)

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

SEE THE SIGNAL PLAN FOR REQUIRED SIGNAL FACE SIZES.

ALL PEDESTAL BASES SHALL BE MOUNTED ON CONCRETE BASE - TYPE 1.

FOR APPROVED MOUNTING HARDWARE, SEE THE CONTRACT SPECIAL PROVISIONS.

POLYCARBONATE MOUNTING BRACKETS SHALL BE USED.

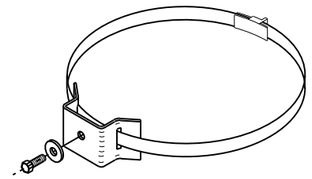
LENGTH AND LOCATION OF TRAFFIC SIGNAL STANDARDS SHALL BE AS SHOWN ON THE PLANS.

OPTICALLY PROGRAMMED SIGNAL FACES SHALL BE MASKED IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS, AND UNDER THE DIRECTIONS OF THE REGION TRAFFIC ENGINEER.

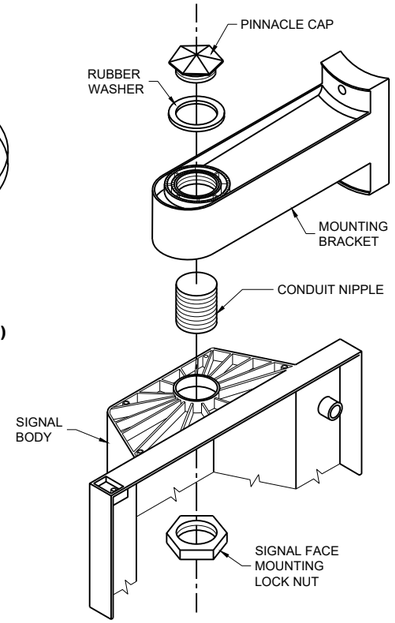
FOLDING STOP SIGNS SHALL BE IN ACCORDANCE WITH THE MUTCD AND/OR THE LATEST WISCONSIN SUPPLEMENT. THE SIGNS SHALL BE SIZED AND LOCATED AS CALLED FOR IN IN THE PLANS.

PEDESTRIAN SIGNS SHALL BE AS DESIGNATED IN THE PLANS.

FURNISH AND INSTALL VENTILATED, CAST, METALLIC (ALUMINUM ALLOY) CAPS. FASTEN CAPS WITH ONE (1) 1/4" X 3/4" - 20 TPI STAINLESS STEEL, HEX HEAD BOLT.



TYPICAL SIGN MOUNTING BAND
(TOP AND BOTTOM OF SIGN)



SIGNAL FACE MOUNTING DETAIL (BANDED)

TRAFFIC SIGNAL STANDARD
POLY BRACKET MOUNTINGS
(TYPICAL) 13 FT. OR 15 FT.

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2026 — DATE
/S/ Ahmet Demirbilek — STATE ELECTRICAL ENGINEER

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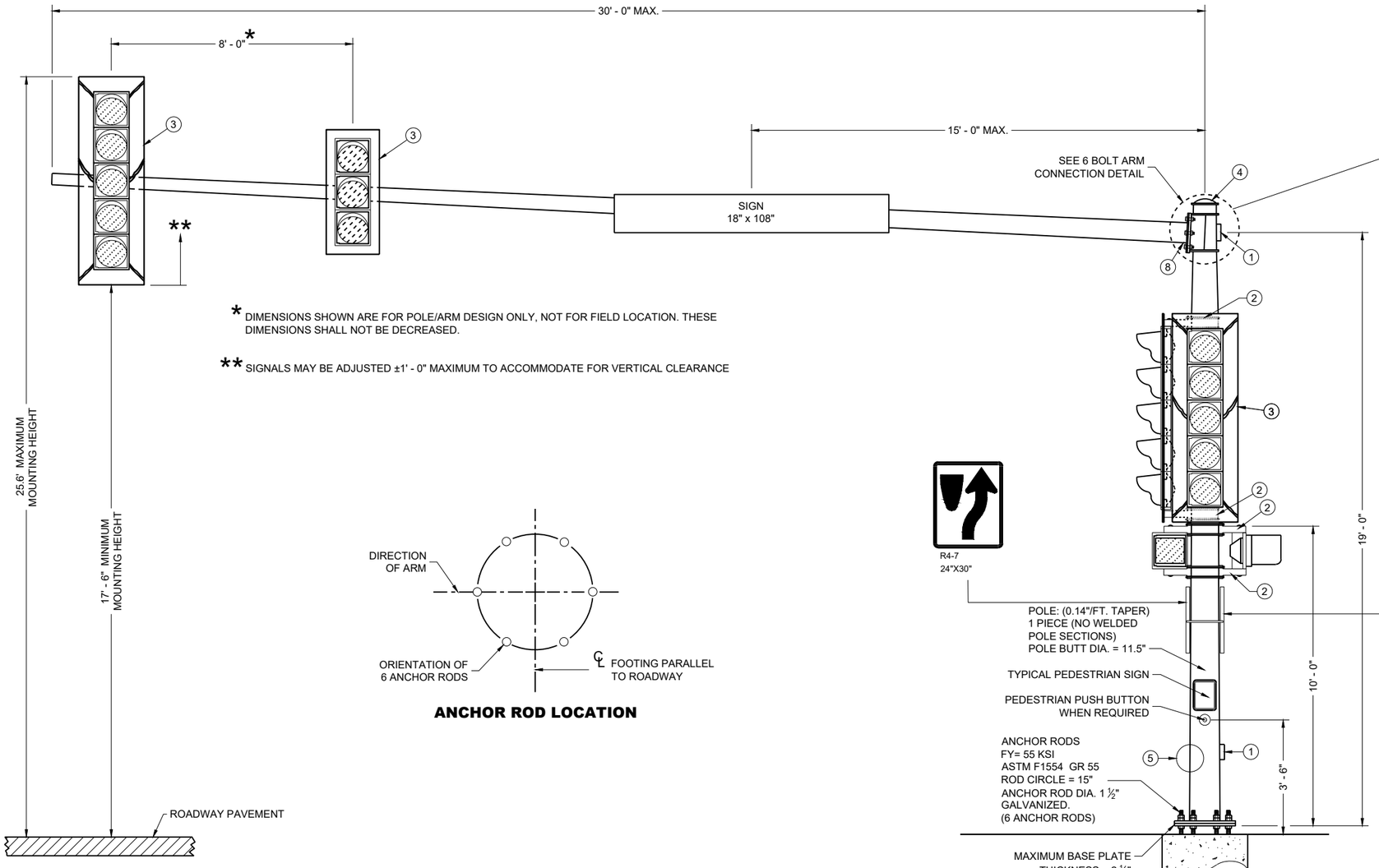
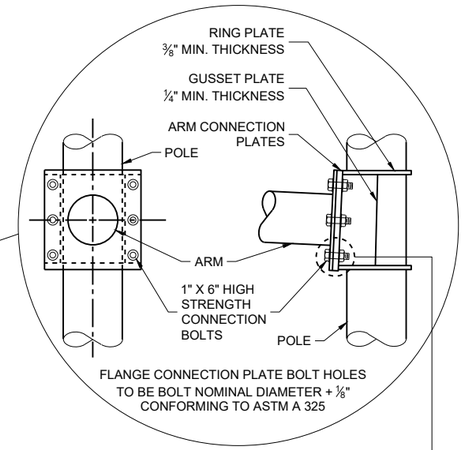


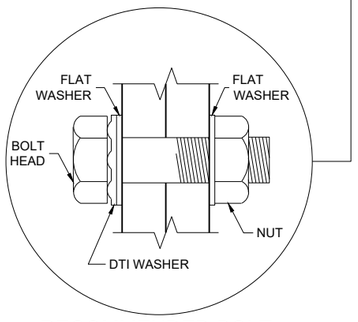
* DIMENSIONS SHOWN ARE FOR POLE/ARM DESIGN ONLY, NOT FOR FIELD LOCATION. THESE DIMENSIONS SHALL NOT BE DECREASED.

** SIGNALS MAY BE ADJUSTED ±1' - 0" MAXIMUM TO ACCOMMODATE FOR VERTICAL CLEARANCE

ANCHOR ROD LOCATION



6 BOLT ARM CONNECTION DETAIL

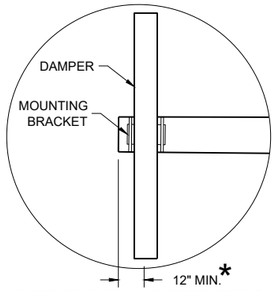


RECOMMENDED BOLT ASSEMBLY DETAIL

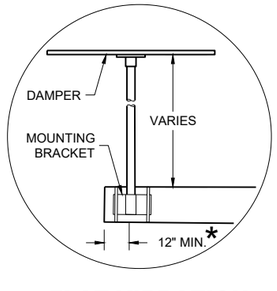
TYPE 9 POLE
15' - 30' MONOTUBE ARM
(MAXIMUM LOAD)

TYPE 9 POLE
15' - 30' MONOTUBE ARM

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

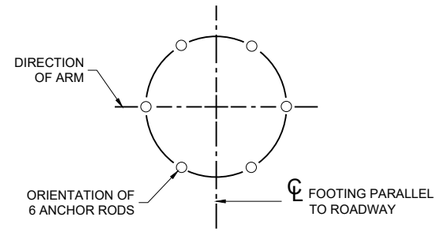


DUMBBELL VIBRATION DAMPER

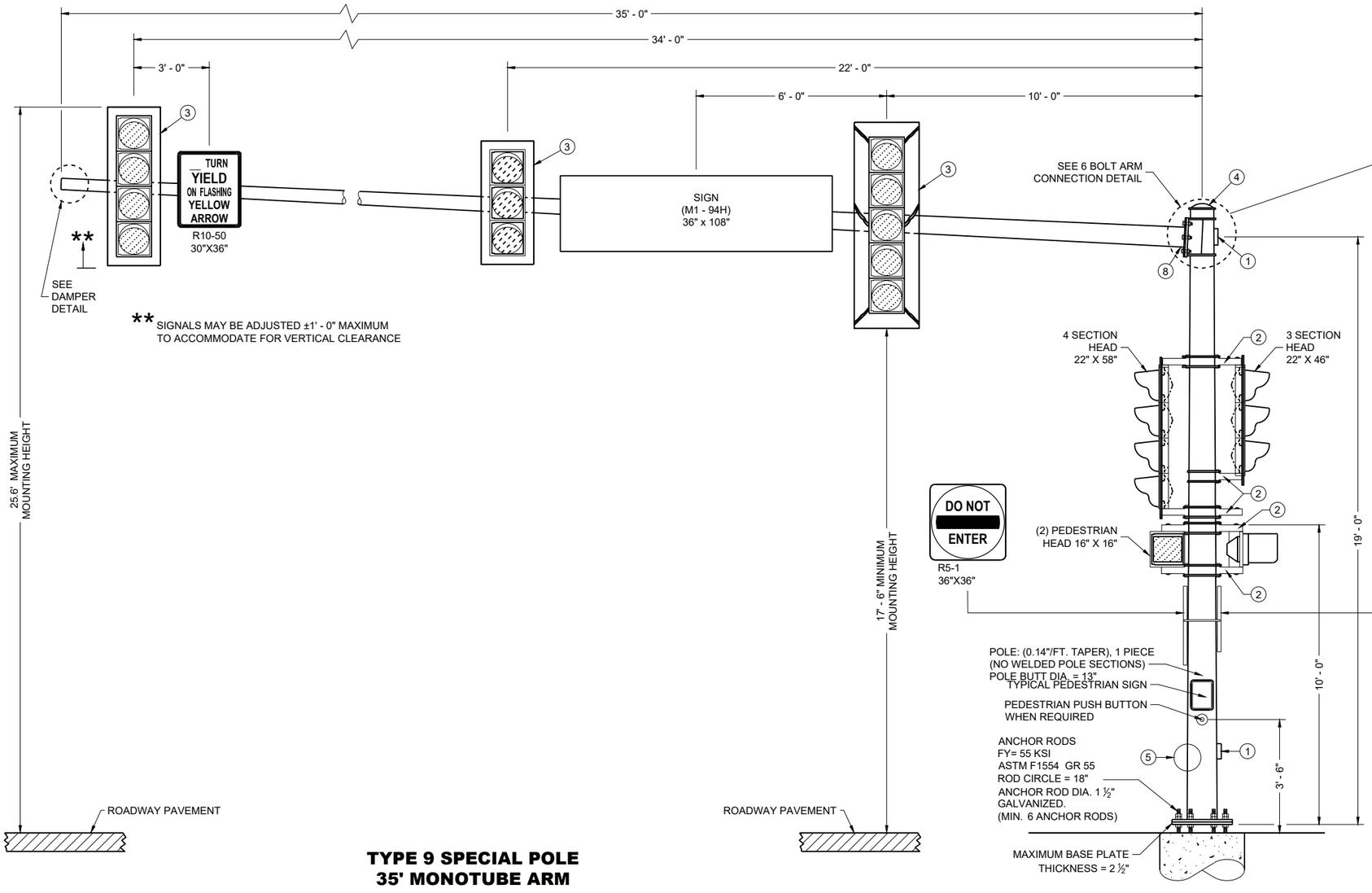


FLAT VIBRATION DAMPER

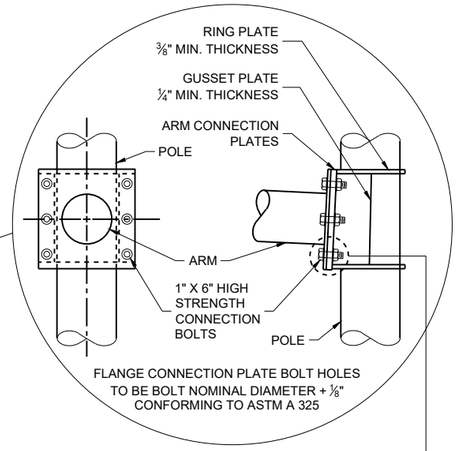
* MOUNT AS CLOSE TO END OF MAST ARM FOR MAXIMUM DAMPING PER MANUFACTURER'S RECOMMENDATIONS.



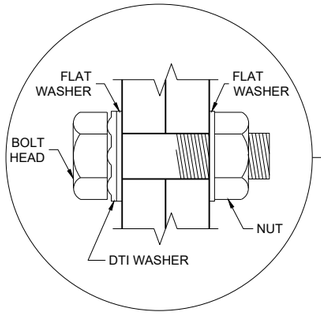
ANCHOR ROD LOCATION



** SIGNALS MAY BE ADJUSTED ±1' - 0" MAXIMUM TO ACCOMMODATE FOR VERTICAL CLEARANCE



6 BOLT ARM CONNECTION DETAIL



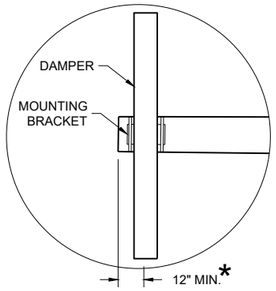
RECOMMENDED BOLT ASSEMBLY DETAIL

TYPE 9 SPECIAL POLE
35' MONOTUBE ARM
(MAXIMUM LOAD)

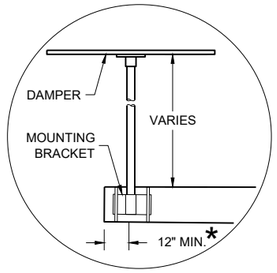
TYPE 9 SPECIAL POLE
35' MONOTUBE ARM

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

SDD 09E08-10b

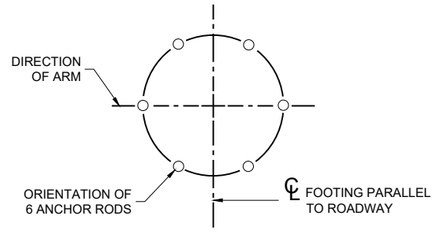


DUMBBELL VIBRATION DAMPER

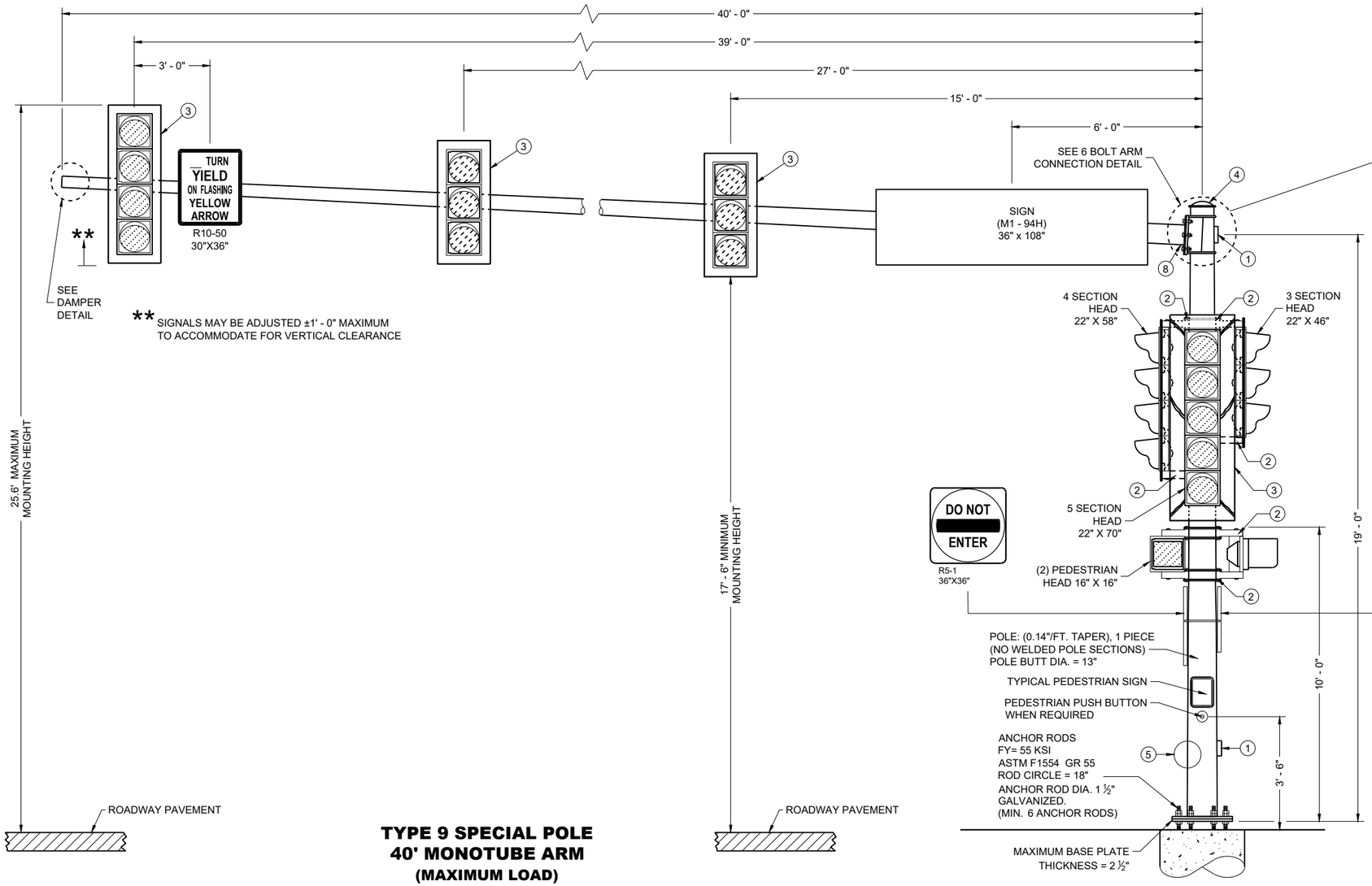


FLAT VIBRATION DAMPER

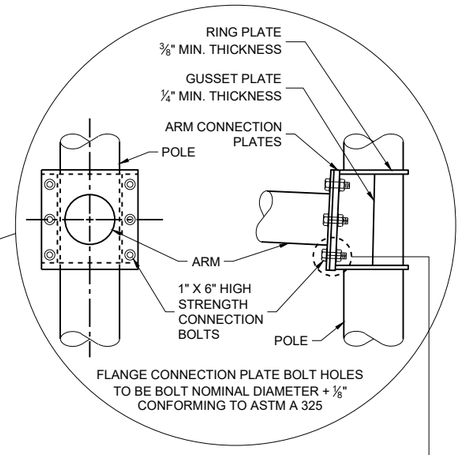
* MOUNT AS CLOSE TO END OF MAST ARM FOR MAXIMUM DAMPING PER MANUFACTURER'S RECOMMENDATIONS.



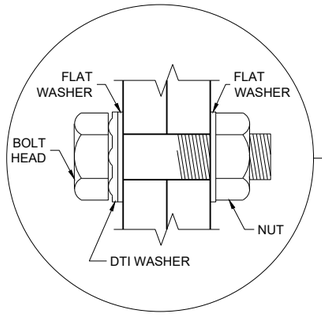
ANCHOR ROD LOCATION



TYPE 9 SPECIAL POLE
40' MONOTUBE ARM
(MAXIMUM LOAD)



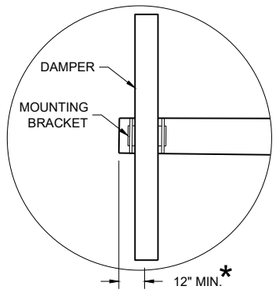
6 BOLT ARM CONNECTION DETAIL



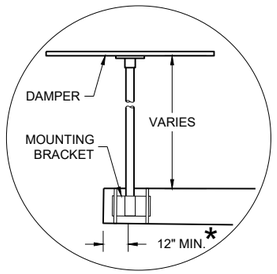
RECOMMENDED BOLT ASSEMBLY DETAIL

TYPE 9 SPECIAL POLE
40' MONOTUBE ARM

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

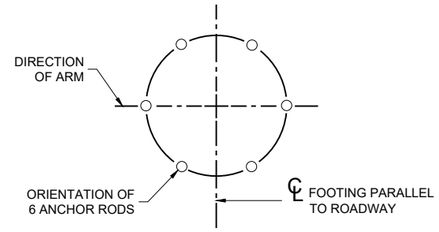


DUMBBELL VIBRATION DAMPER

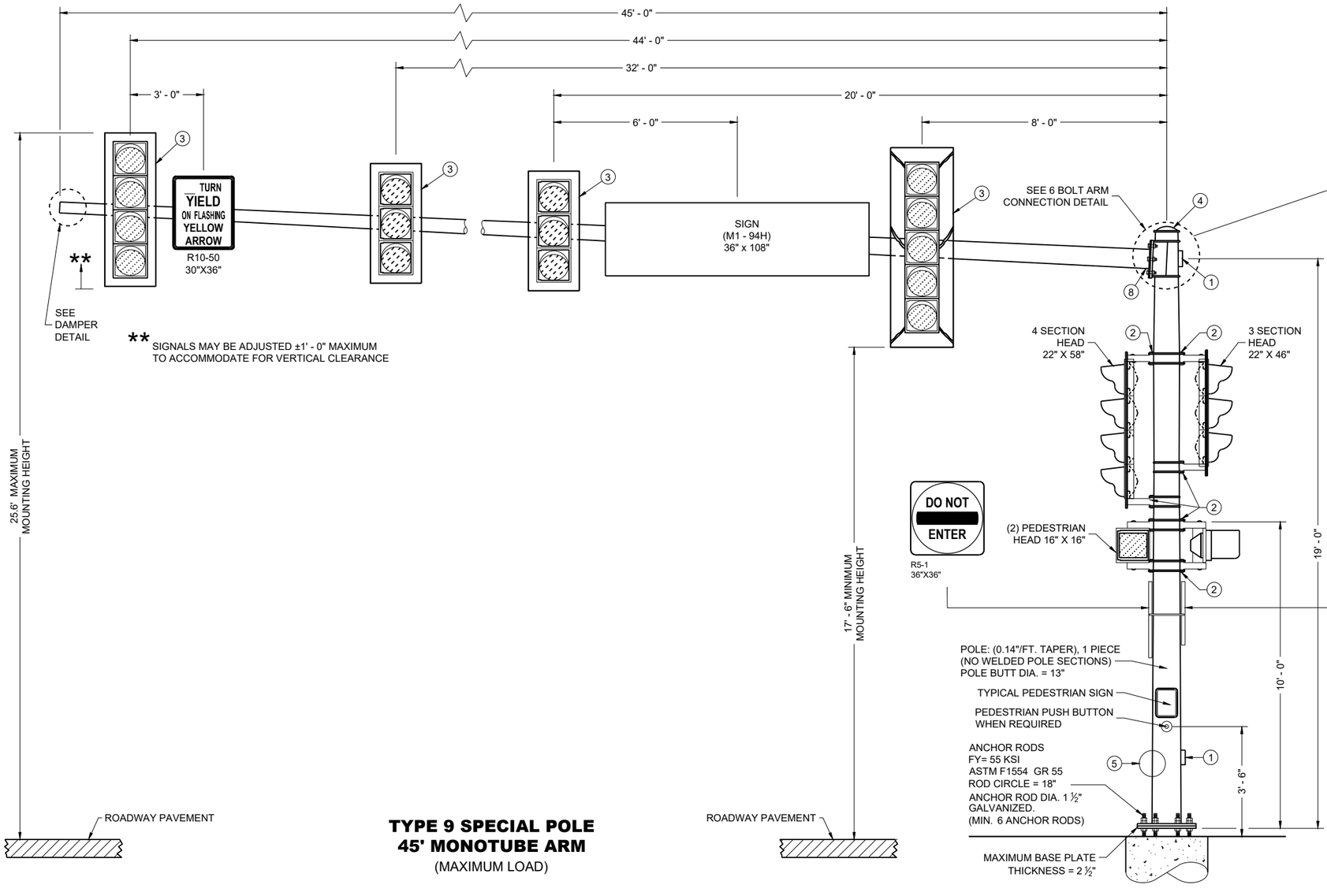


FLAT VIBRATION DAMPER

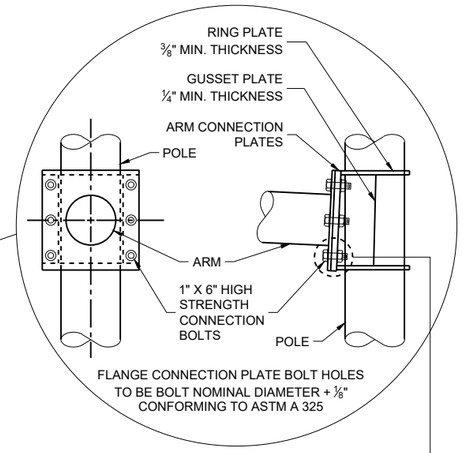
* MOUNT AS CLOSE TO END OF MAST ARM FOR MAXIMUM DAMPING PER MANUFACTURER'S RECOMMENDATIONS.



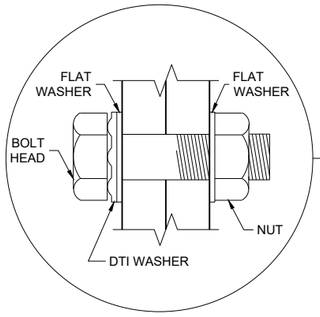
ANCHOR ROD LOCATION



TYPE 9 SPECIAL POLE
45' MONOTUBE ARM
(MAXIMUM LOAD)



6 BOLT ARM CONNECTION DETAIL

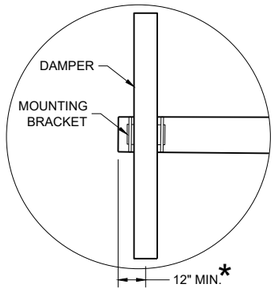


RECOMMENDED BOLT ASSEMBLY DETAIL

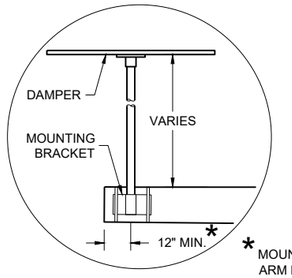
TYPE 9 SPECIAL POLE
45' MONOTUBE ARM

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

SDD 09E08-10d

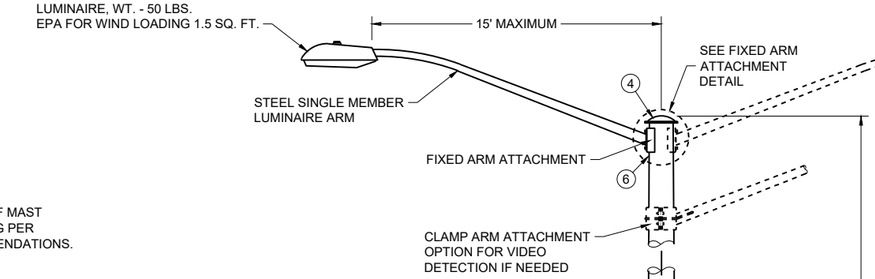


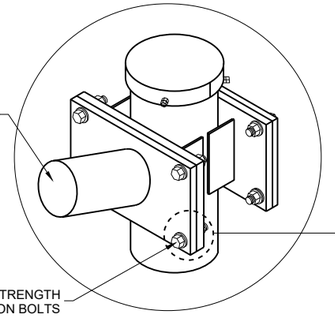
DUMBBELL VIBRATION DAMPER



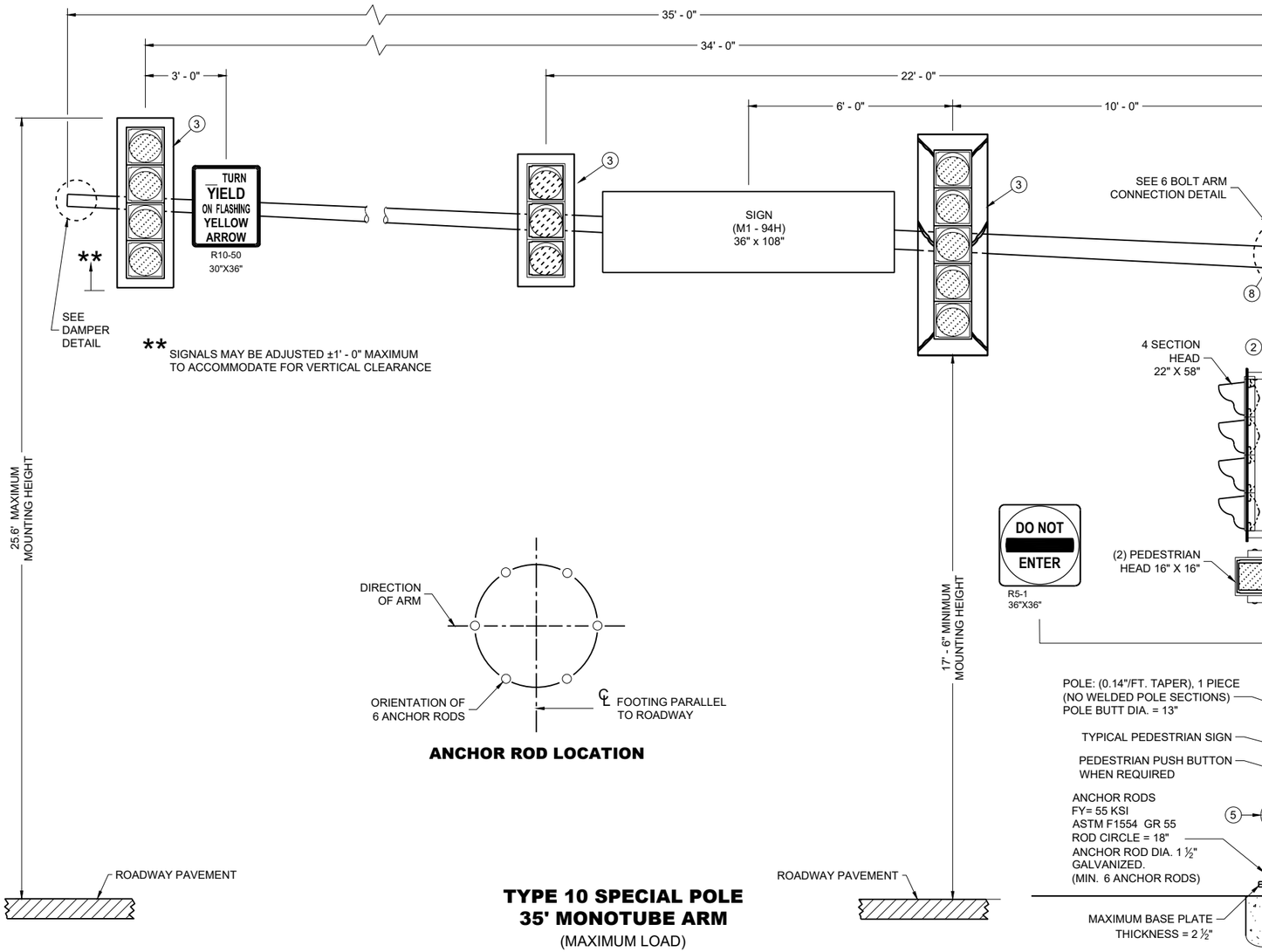
FLAT VIBRATION DAMPER

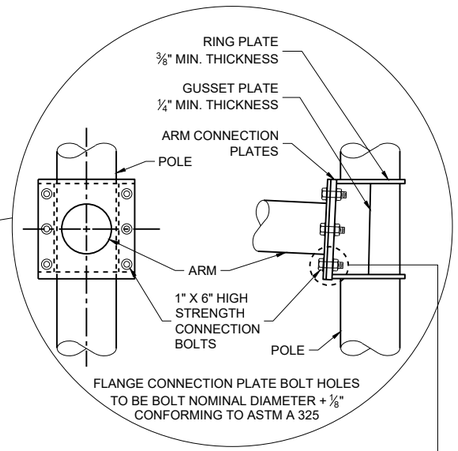
* MOUNT AS CLOSE TO END OF MAST ARM FOR MAXIMUM DAMPING PER MANUFACTURER'S RECOMMENDATIONS.



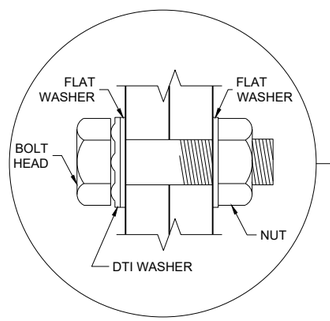


FIXED ARM ATTACHMENT DETAIL





6 BOLT ARM CONNECTION DETAIL



RECOMMENDED BOLT ASSEMBLY DETAIL

ANCHOR ROD LOCATION

TYPE 10 SPECIAL POLE
35' MONOTUBE ARM
(MAXIMUM LOAD)

TYPE 10 SPECIAL POLE
35' MONOTUBE ARM

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

SDD 09E08-10f

GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

POLE TYPES 9 AND 10 ARE FOR ARM LENGTHS 15 FOOT TO 30 FOOT.

POLE TYPES 9 SPECIAL AND 10 SPECIAL ARE FOR ARM LENGTHS 35 FOOT, 40 FOOT, AND 45 FOOT.

POLE TYPES 12 AND 13 ARE FOR ARM LENGTHS 35 FOOT TO 55 FOOT.

MONOTUBE POLES AND ARMS SHALL BE GALVANIZED STEEL.

RING STIFFENED BUILT UP BOX TYPE OF ATTACHMENT FOR TRAFFIC SIGNAL ARM.

ONE PIECE POLE CONSTRUCTION (NO WELDED POLE SECTIONS).

STANDARD STRAIGHT ARM DESIGN (3% ± RISE).

SECTION 657, POLES OF THE STANDARD SPECIFICATION SHALL APPLY TO THIS DRAWING.

PROVIDE WIREWAY THRU POLE WALL AND ARM CONNECTION PLATES. PROVIDE ROUND, SMOOTH INSIDE SURFACE.

MANUFACTURER'S SUBMITTED POLE DESIGNS AND DRAWINGS SHALL BE SIGNED AND STAMPED BY A REGISTERED PROFESSIONAL ENGINEER AND CERTIFIED AS BEING IN COMPLIANCE WITH THE AASHTO "LRFD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNAL 2015 1ST EDITION (INCLUDING INTERIM REVISIONS)" AND ALL PERTINENT WISDOT SPECIFICATIONS AND DRAWINGS FOR THE LIGHTING STRUCTURES AS FOLLOWS:

CATEGORY III FATIGUE LOADS OF GALLOPING, TRUCK GUSTS (AT 45 MPH VEHICLE VELOCITY) AND NATURAL WIND GUSTS FOR DESIGN OF TYPE 9 AND TYPE 10 STRUCTURES.

CATEGORY II FATIGUE LOADS OF TRUCK GUSTS (AT 45 MPH VEHICLE VELOCITY) AND NATURAL WIND GUSTS FOR DESIGN OF TYPE 9 SPECIAL AND TYPE 10 SPECIAL STRUCTURES. IN LIEU OF DESIGNING FOR GALLOPING, A VIBRATION DAMPER MITIGATION DEVICE IS REQUIRED TO BE SUPPLIED AND INSTALLED AT THE END OF THE MAST ARM.

CATEGORY II FATIGUE FATIGUE LOADS OF GALLOPING, TRUCK GUSTS (AT 45 MPH VEHICLE VELOCITY) AND NATURAL WIND GUSTS FOR DESIGN OF TYPE12 AND TYPE 13 STRUCTURES.

115 MPH (700 YEAR MRI BASIC WIND SPEED).

SECURE THE OPENING BELOW THE BASE PLATE WITH STAINLESS STEEL OR GALVANIZED STEEL MESH AND SECURE THE MESH WITH ¾" STAINLESS STEEL BANDING AROUND THE LEVELING NUTS.

INDENT PRINT (NOMINAL ½" HIGH) THE POLE LENGTH AND FIRST TWO LETTERS OF THE MANUFACTURERS NAME ON TWO SIDES OF THE BASE PLATE 180 DEGREES APART, BEFORE GALVANIZING. THE ARM SHALL BE IDENTIFIED WITH THE SAME INFORMATION BY INDENT PRINT.

SIGNAL FACE SHALL BE MOUNTED 6 INCHES (NOMINAL) FROM THE END OF THE MONOTUBE ARM OR AS SHOWN ON THE PLAN CONSTRUCTION DETAIL OR A S DIRECTED BY THE PROJECT ENGINEER/ELECTRICAL OPERATIONS PERSONNEL. MOUNT ALL LIKE HEAD AT SAME ELEVATION.

SIGN MOUNTING BRACKETS SHALL BE FURNISHED IN ACCORDANCE WITH SECTION 637 OF THE STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION.

(1) DESIGN FOR MAXIMUM ALLOWABLE HAND HOLE WITH COVER ASSEMBLY WITH TWO ¼" X ¾" - 20 TPI STAINLESS STEEL HEX HEAD BOLTS.

(2) SIGNAL MOUNTING BRACKETS FOR POLE MOUNTING, MOUNT WITH CAP SCREW AND BANDING (SEE SPECIFICATION SECTION 658).

(3) SECURELY MOUNT BACK PLATES, PROJECTING 5" BEYOND ALL SIDES OF THE SIGNAL FACE HOUSING, PER MANUFACTURERS RECOMMENDATIONS.

(4) THE TOP OF THE POLE SHAFT AND THE MONOTUBE ARM SHALL BE EQUIPPED WITH A REMOVABLE, VENTILATED CAP HELD SECURELY IN PLACE WITH SET SCREWS.

(5) FACTORY WELDED BRACKET FOR GROUNDING LUG, OPPOSITE HAND HOLD, (LUG AND HARDWARE PAID UNDER SEPARATE ITEM). PROVIDE HOLE IN BRACKET FOR ¼" X ¾" - 20 TPI STAINLESS STEEL HEX HEAD BOLT.

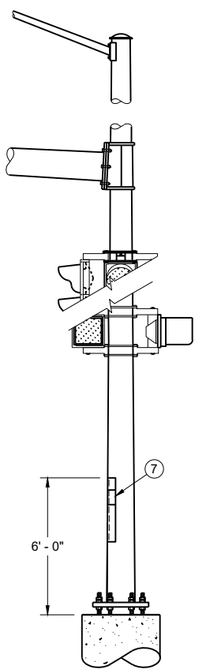
(6) FACTORY WELDED "J" HOOK FOR STRAIN RELIEF FOR POLE LUMINAIRE WIRE.

(7) INSTALL STRUCTURAL IDENTIFICATION PLAQUES.

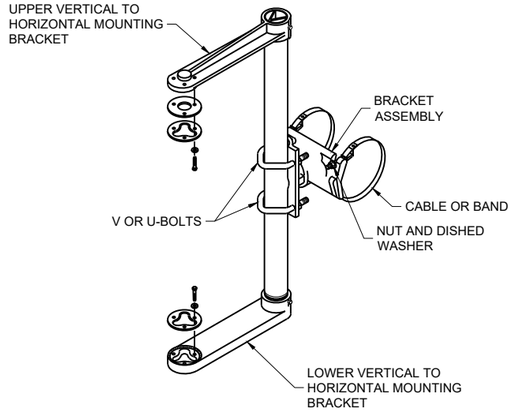
STRUCTURAL IDENTIFICATION PLAQUES SHALL BE PLACED ON THE POLES IN THE SAME DIRECTION AS THE ARM.

MOUNTING HEIGHT SHALL BE 6' - 0" ABOVE THE CURB OR SHOULDER. ADJUST IF IT IS KNOWN THAT REQUIRED TRAFFIC SIGNS WILL BE OBSTRUCTED.

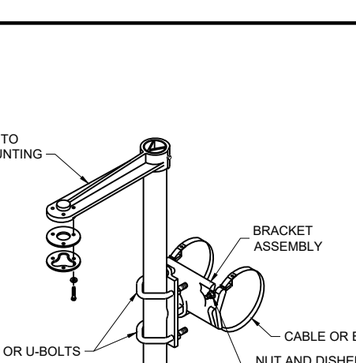
(8) FACTORY DRILLED ½" DRAIN HOLE 2" FROM FLANGE CONNECTION PLATE.



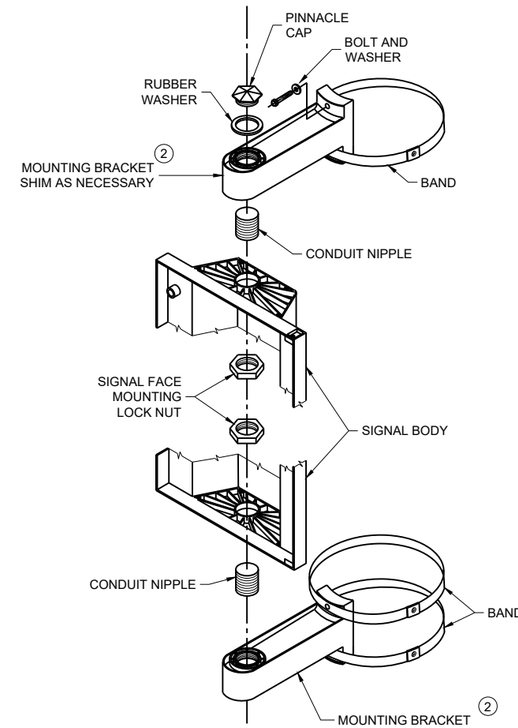
STRUCTURAL IDENTIFICATION PLAQUE PLACEMENT



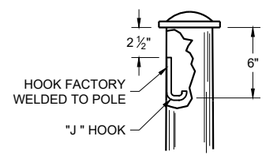
SIGNAL FACE MOUNTING BRACKET DETAIL FOR MONOTUBE ARM
(MOUNT PER MANFACTURER'S RECOMMENDATION)



TYPICAL GROUNDING (5) CONNECTIONS
NUT, BOLT AND WASHERS SHALL BE STAINLESS STEEL



SIGNAL FACE VERTICAL MOUNTING DETAIL



TYPICAL "J" HOOK WIRE SUPPORT (6)

GENERAL NOTES AND HARDWARE FOR TYPES 9,10, 9/10 SPECIAL, 12 AND 13 POLES WITH MONOTUBE ARMS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

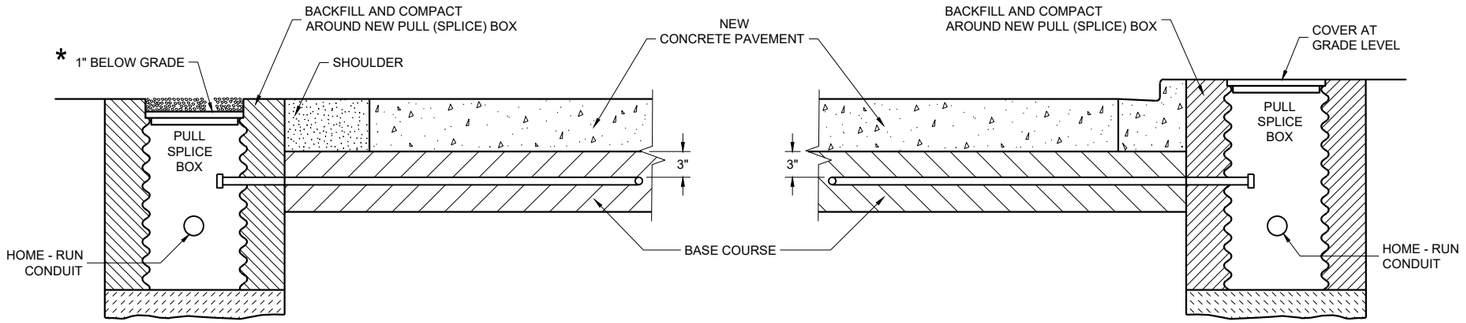
APPROVED
February 2026
DATE

/S/ Ahmet Demirbilek
STATE ELECTRICAL ENGINEER

FHWA

6

SDD 09E08-10k



SECTION A - A
NO CURB AND GUTTER

SECTION B - B
CURB AND GUTTER

* RECESS PULL (SPLICE) BOX SO THAT THE COVER IS 3" BELOW GRADE IN SHOULDER AREAS OF CRUSHED AGGREGATE. BACKFILL OVER COVER WITH THE CRUSHED AGGREGATE TO BRING THE AREA TO GRADE LEVEL.

LOOP DETECTOR INSTALLATION DETAIL

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

PITCH LEAD OUT CONDUIT TO DRAIN TO ROADSIDE PULL (SPLICE) BOX.

LOOP SIZE, LOCATION, NUMBER OF TURNS OF WIRE AND ASSOCIATED SIGNAL PHASE SHALL BE AS SHOWN ON THE PLANS.

SPLICES SHALL BE INSTALLED BY USING CAST IN PLACE SPLICE KITS LISTED ON THE DEPARTMENTS APPROVED PRODUCTS LIST OR AN ENGINEER APPROVED EQUAL. NON-INSULATED BUTT SPLICES TO FIT #12 AWG STRANDED WIRE SHALL BE USED. SPLICES SHALL BE SOLDERED AND INSULATED FROM EACH OTHER AS PER INSTRUCTIONS INCLUDED IN THE SPLICE KIT.

MEASURE GROUND RESISTANCE USING A MEGGER. REPLACE LOOP WIRE NOT ATTAINING A READING OF INFINITY TO GROUND.

AFTER SPLICING THE LOOP WIRE TO THE LOOP LEAD-IN CABLE, THE CONTRACTOR SHALL MEASURE INDUCTANCE, GROUND RESISTANCE AND WIRE RESISTANCE AT THE CABINET END OF THE LEAD-IN CABLE AND FURNISH A COPY OF THE READING TO THE PROJECT ENGINEER FOR EVALUATION.

LOOP DETECTOR LEADS SHALL BE IDENTIFIED WITH THEIR ASSOCIATED LOOP BY USE OF WATERPROOF TAGS AT BOTH ENDS OF THE CABLE. A LISTING OF THE CABLE IDENTIFICATION PER INDIVIDUAL LOOP LEAD-IN SHALL BE PLACED IN THE CABINET.

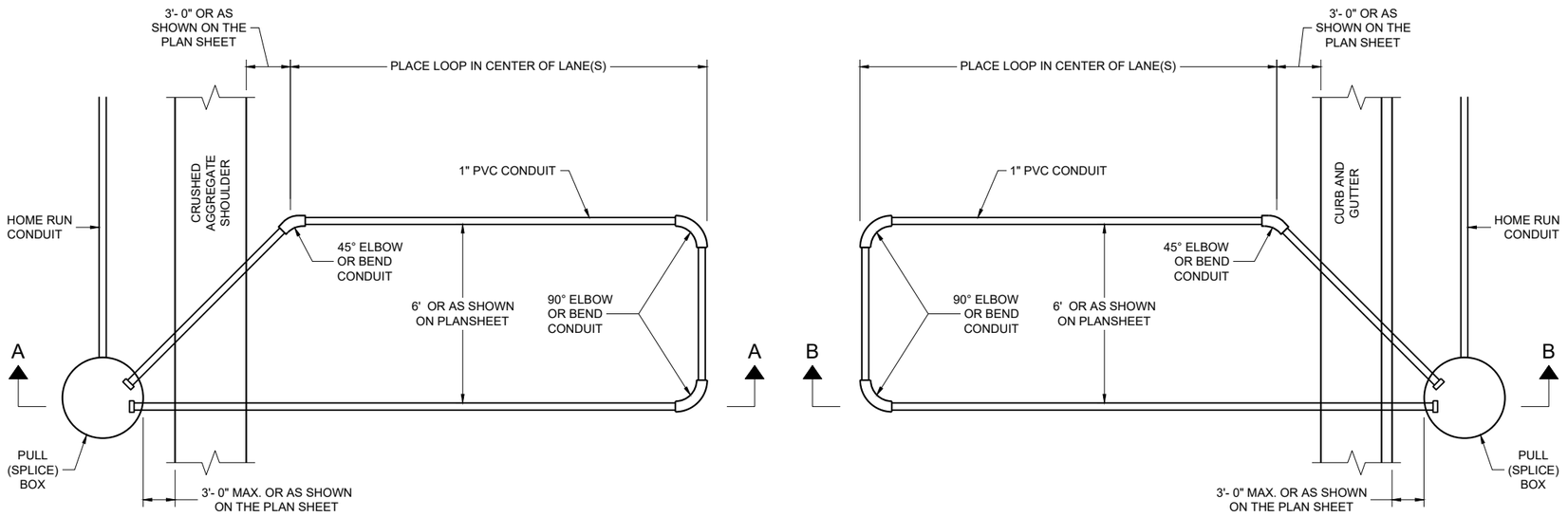
THE #12 AWG LOOP WIRE IN THE ROADSIDE PULL (SPLICE) BOX SHALL BE HAND TWISTED AT LEAST 3 TWISTS PER FOOT BEFORE BEING SPLICED TO THE LOOP LEAD-IN CABLE.

SPLICES OF LOOP WIRE TO LEAD-IN CABLE SHALL BE MADE ONLY IN PULL (SPLICE) BOXES AT THE SIDE OF THE ROAD.

THE #12 AWG LOOP WIRE SHALL BE INSTALLED FROM THE ROADSIDE PULL (SPLICE) BOX, THROUGH THE LOOP CONDUIT, BACK TO THE ROADSIDE PULL (SPLICE) BOX, AND BE INSTALLED IN ONE NON-SPLICED, CONTINUOUS LENGTH.

PROTECTION OF THE CONDUIT IN THE BASE COURSE SHALL BE REQUIRED AFTER INSTALLATION AND BEFORE NEW PAVEMENT IS INSTALLED.

SHOULD INSTALLATION REPAIR BE REQUIRED, IT SHALL BE DONE UNDER THE DIRECTION OF THE PROJECT ENGINEER.



TYPICAL PLAN LOOP DETECTOR WITH 18" OR 24" PULL (SPLICE) BOX

LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 09F15-05a

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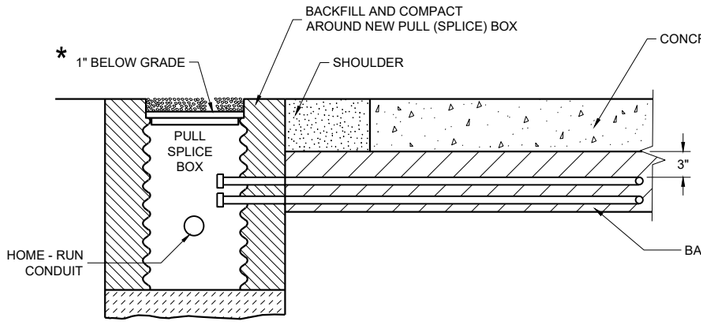
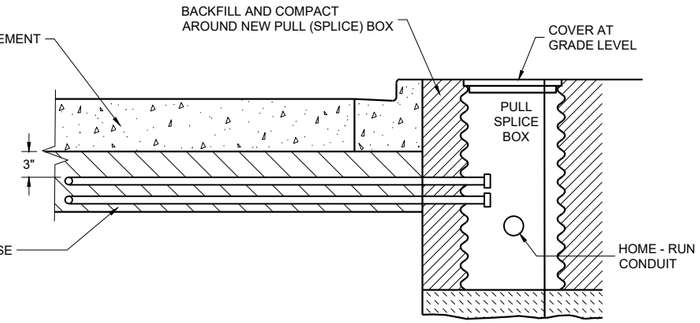
SDD 09F15-05a



SECTION A - A
NO CURB AND GUTTER



SECTION B - B
CURB AND GUTTER

* RECESS PULL (SPLICE) BOX SO THAT THE COVER IS 3" BELOW GRADE IN SHOULDER AREAS OF CRUSHED AGGREGATE. BACKFILL OVER COVER WITH THE CRUSHED AGGREGATE TO BRING THE AREA TO GRADE LEVEL.

LOOP DETECTOR INSTALLATION DETAIL

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

PITCH LEAD OUT CONDUIT TO DRAIN TO ROADSIDE PULL (SPLICE) BOX.

LOOP SIZE, LOCATION, NUMBER OF TURNS OF WIRE AND ASSOCIATED SIGNAL PHASE SHALL BE AS SHOWN ON THE PLANS.

SPLICES SHALL BE INSTALLED BY USING CAST IN PLACE SPLICE KITS LISTED ON THE DEPARTMENTS APPROVED PRODUCTS LIST OR AN ENGINEER APPROVED EQUAL. NON-INSULATED BUTT SPLICES TO FIT #12 AWG STRANDED WIRE SHALL BE USED. SPLICES SHALL BE SOLDERED AND INSULATED FROM EACH OTHER AS PER INSTRUCTIONS INCLUDED IN THE SPLICE KIT.

MEASURE GROUND RESISTANCE USING A MEGGER. REPLACE LOOP WIRE NOT ATTAINING A READING OF INFINITY TO GROUND.

AFTER SPLICING THE LOOP WIRE TO THE LOOP LEAD-IN CABLE, THE CONTRACTOR SHALL MEASURE INDUCTANCE, GROUND RESISTANCE AND WIRE RESISTANCE AT THE CABINET END OF THE LEAD-IN CABLE AND FURNISH A COPY OF THE READING TO THE PROJECT ENGINEER FOR EVALUATION.

LOOP DETECTOR LEADS SHALL BE IDENTIFIED WITH THEIR ASSOCIATED LOOP BY USE OF WATERPROOF TAGS AT BOTH ENDS OF THE CABLE. A LISTING OF THE CABLE IDENTIFICATION PER INDIVIDUAL LOOP LEAD-IN SHALL BE PLACED IN THE CABINET.

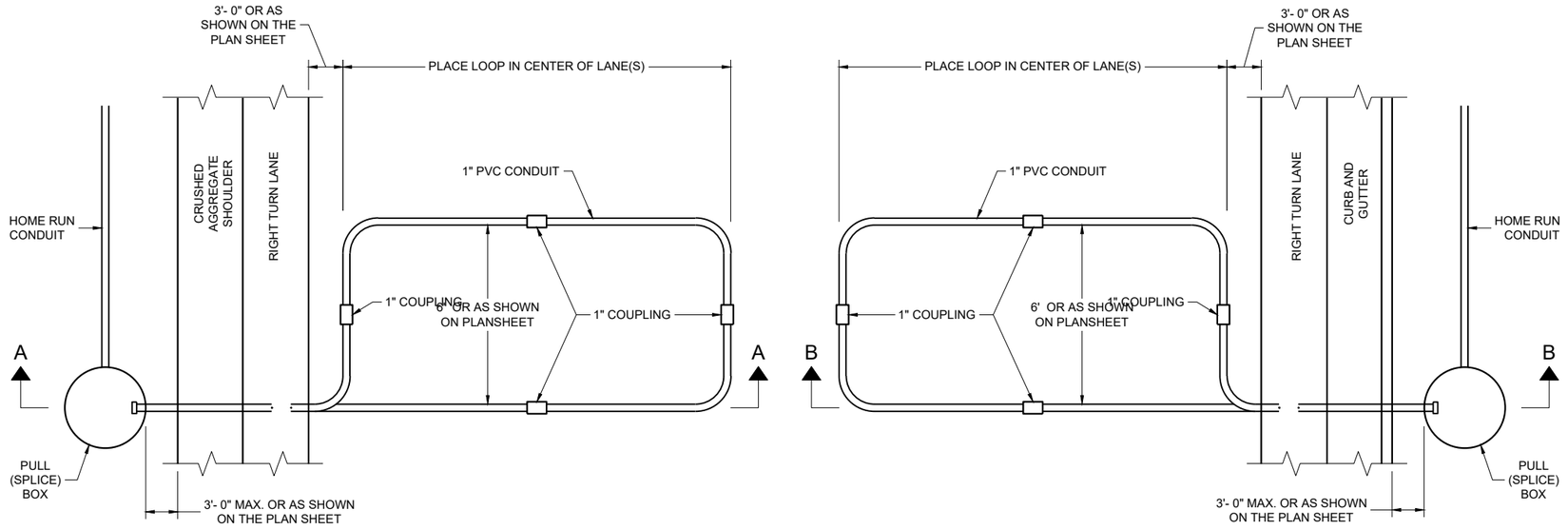
THE #12 AWG LOOP WIRE IN THE PULL (SPLICE) BOX SHALL BE HAND TWISTED AT LEAST 3 TWISTS PER FOOT BEFORE BEING SPLICED TO THE LOOP LEAD-IN CABLE.

SPLICES OF LOOP WIRE TO LEAD-IN CABLE SHALL BE MADE ONLY IN PULL (SPLICE) BOXES AT THE SIDE OF THE ROAD.

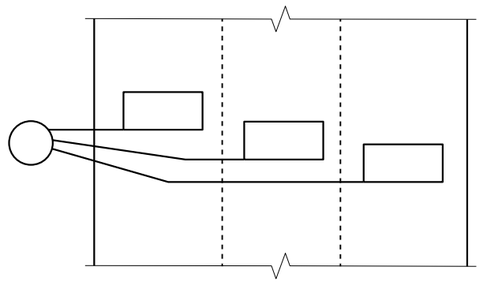
THE #12 AWG LOOP WIRE SHALL BE INSTALLED FROM THE ROADSIDE PULL (SPLICE) BOX, THROUGH THE LOOP CONDUIT, BACK TO THE ROADSIDE PULL (SPLICE) BOX, AND BE INSTALLED IN ONE NON-SPLICED, CONTINUOUS LENGTH.

PROTECTION OF THE CONDUIT IN THE BASE COURSE SHALL BE REQUIRED AFTER INSTALLATION AND BEFORE NEW PAVEMENT IS INSTALLED.

SHOULD INSTALLATION REPAIR BE REQUIRED, IT SHALL BE DONE UNDER THE DIRECTION OF THE PROJECT ENGINEER.



TYPICAL PLAN LOOP DETECTOR WITH 24" PULL (SPLICE) BOX



MULTI-LANE INSTALLATION

LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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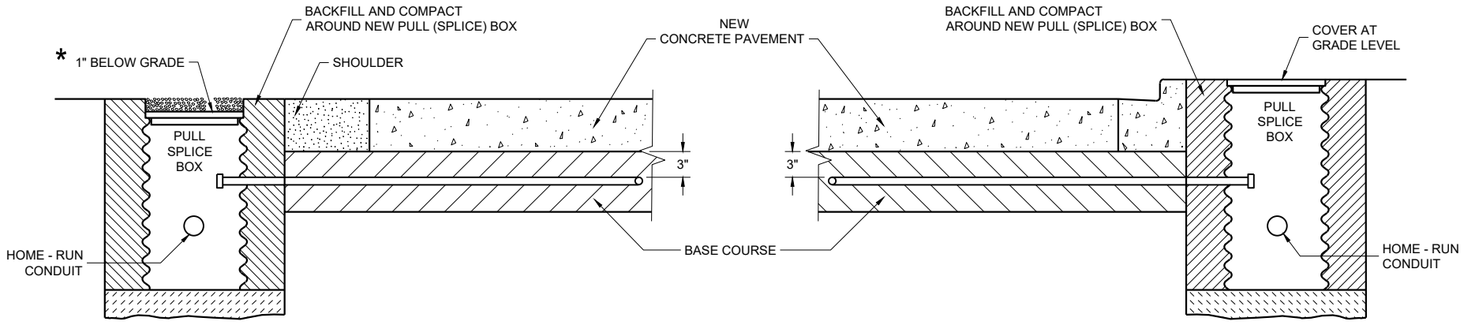
SDD 09F15-05b



SECTION A - A
NO CURB AND GUTTER

SECTION B - B
CURB AND GUTTER

* RECESS PULL (SPLICE) BOX SO THAT THE COVER IS 3" BELOW GRADE IN SHOULDER AREAS OF CRUSHED AGGREGATE. BACKFILL OVER COVER WITH THE CRUSHED AGGREGATE TO BRING THE AREA TO GRADE LEVEL.

LOOP DETECTOR INSTALLATION DETAIL

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

PITCH LEAD OUT CONDUIT TO DRAIN TO ROADSIDE PULL (SPLICE) BOX.

LOOP SIZE, LOCATION, NUMBER OF TURNS OF WIRE AND ASSOCIATED SIGNAL PHASE SHALL BE AS SHOWN ON THE PLANS.

SPLICES SHALL BE INSTALLED BY USING CAST IN PLACE SPLICE KITS LISTED ON THE DEPARTMENTS APPROVED PRODUCTS LIST OR AN ENGINEER APPROVED EQUAL. NON-INSULATED BUTT SPLICES TO FIT #12 AWG STRANDED WIRE SHALL BE USED. SPLICES SHALL BE SOLDERED AND INSULATED FROM EACH OTHER AS PER INSTRUCTIONS INCLUDED IN THE SPLICE KIT.

MEASURE GROUND RESISTANCE USING A MEGGER. REPLACE LOOP WIRE NOT ATTAINING A READING OF INFINITY TO GROUND.

AFTER SPLICING THE LOOP WIRE TO THE LOOP LEAD-IN CABLE, THE CONTRACTOR SHALL MEASURE INDUCTANCE, GROUND RESISTANCE AND WIRE RESISTANCE AT THE CABINET END OF THE LEAD-IN CABLE AND FURNISH A COPY OF THE READING TO THE PROJECT ENGINEER FOR EVALUATION.

LOOP DETECTOR LEADS SHALL BE IDENTIFIED WITH THEIR ASSOCIATED LOOP BY USE OF WATERPROOF TAGS AT BOTH ENDS OF THE CABLE. A LISTING OF THE CABLE IDENTIFICATION PER INDIVIDUAL LOOP LEAD-IN SHALL BE PLACED IN THE CABINET.

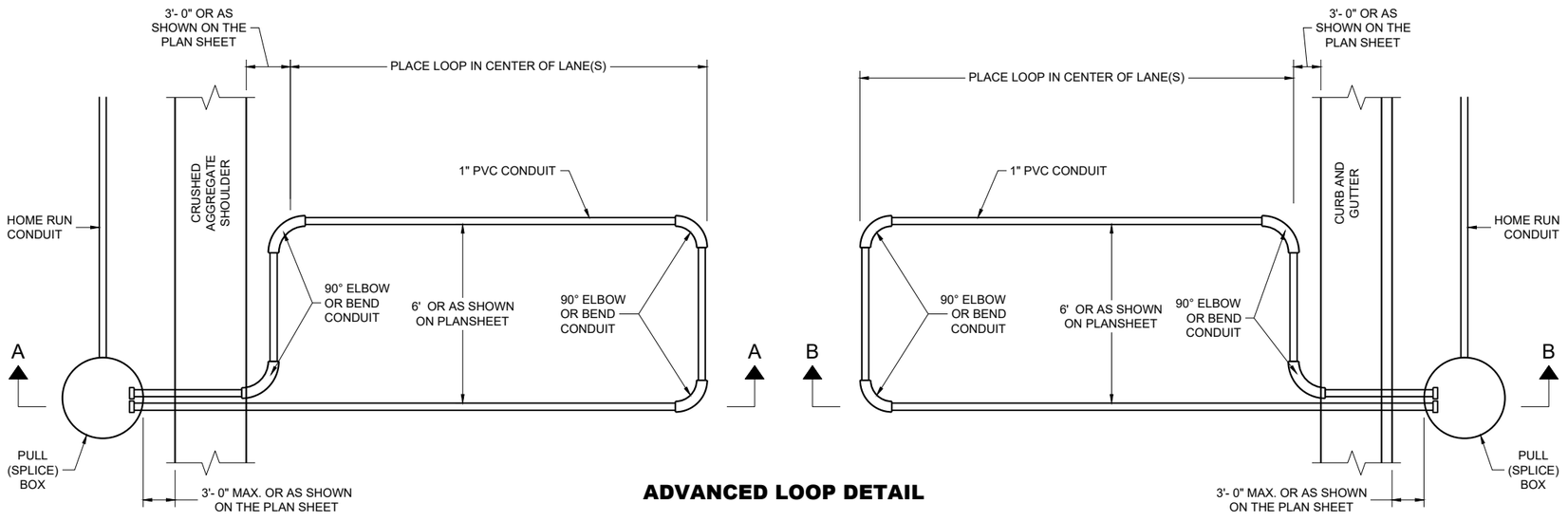
THE #12 AWG LOOP WIRE IN THE ROADSIDE PULL (SPLICE) BOX SHALL BE HAND TWISTED AT LEAST 3 TWISTS PER FOOT BEFORE BEING SPLICED TO THE LOOP LEAD-IN CABLE.

SPLICES OF LOOP WIRE TO LEAD-IN CABLE SHALL BE MADE ONLY IN PULL (SPLICE) BOXES AT THE SIDE OF THE ROAD.

THE #12 AWG LOOP WIRE SHALL BE INSTALLED FROM THE ROADSIDE PULL (SPLICE) BOX, THROUGH THE LOOP CONDUIT, BACK TO THE ROADSIDE PULL (SPLICE) BOX, AND BE INSTALLED IN ONE NON-SPLICED, CONTINUOUS LENGTH.

PROTECTION OF THE CONDUIT IN THE BASE COURSE SHALL BE REQUIRED AFTER INSTALLATION AND BEFORE NEW PAVEMENT IS INSTALLED.

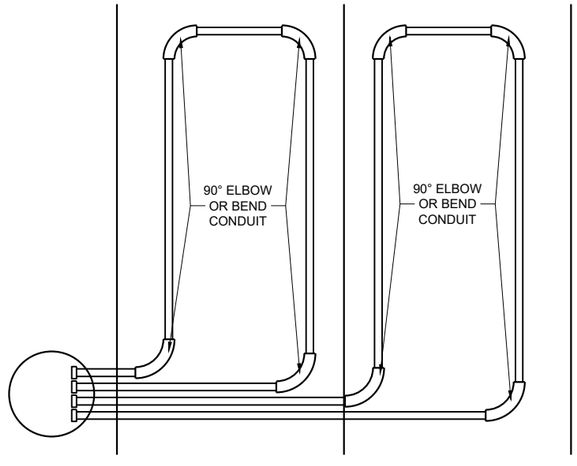
SHOULD INSTALLATION REPAIR BE REQUIRED, IT SHALL BE DONE UNDER THE DIRECTION OF THE PROJECT ENGINEER.



ADVANCED LOOP DETAIL

TYPICAL PLAN LOOP DETECTOR WITH 18" OR 24" PULL (SPLICE) BOX

STOP BAR LOOP DETAIL



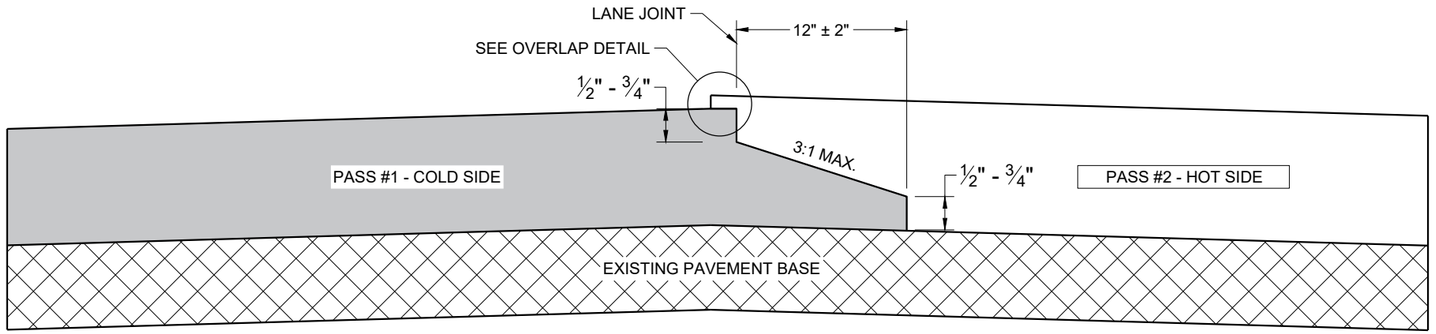
LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 3)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

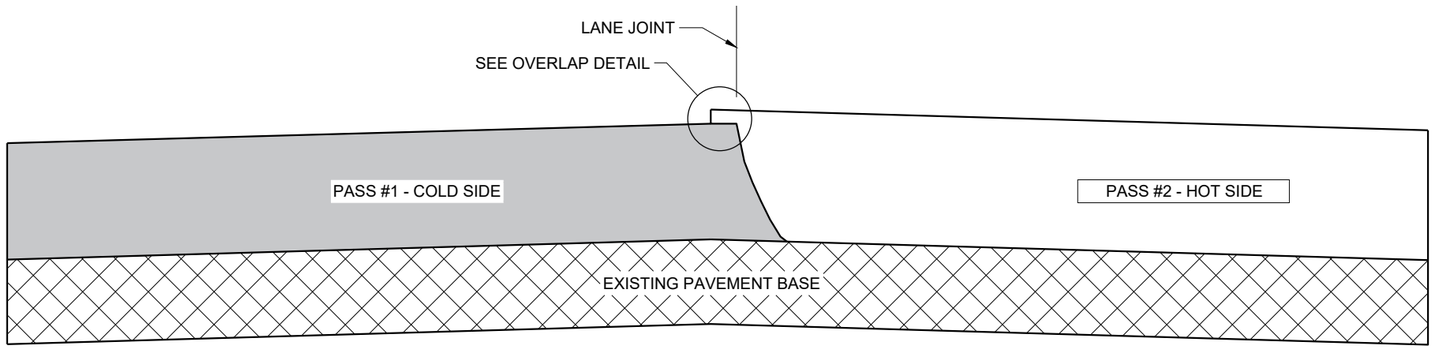
APPROVED
February 2026
DATE
/S/ Ahmet Demirbilek
STATE ELECTRICAL ENGINEER
FHWA

6

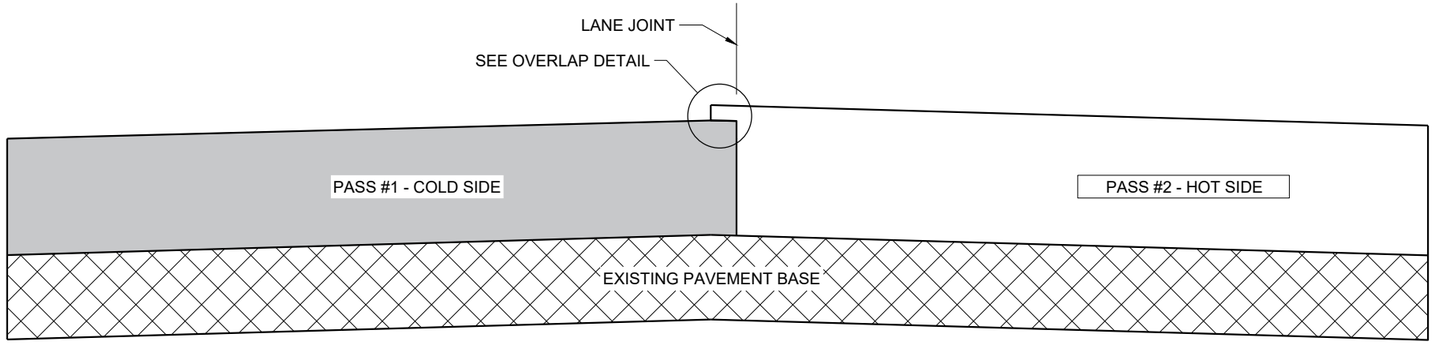
SDD 09F15-05c



TYPICAL PAVEMENT CROSS SECTION
NOTCHED WEDGE JOINT



TYPICAL PAVEMENT CROSS SECTION
VERTICAL JOINT



TYPICAL PAVEMENT CROSS SECTION
VERTICAL JOINT (MILLED)

GENERAL NOTES

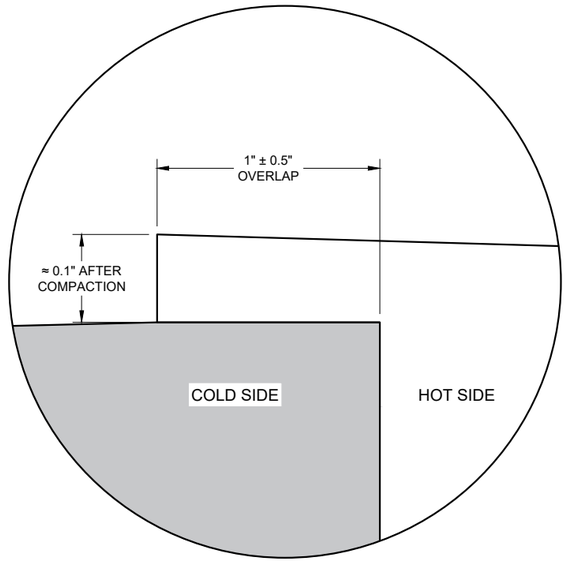
IN ADDITION TO THE DETAILS PROVIDED IN THIS DRAWING, CONFORM TO STANDARD SPECIFICATION 450.3.2.8 FOR WHEN A NOTCHED WEDGE JOINT IS REQUIRED AND FOR GENERAL JOINT CONSTRUCTION REQUIREMENTS.

FOR ALL LONGITUDINAL JOINTS, ENSURE THE PAVER SCREED OVERLAPS THE PREVIOUSLY PLACED PAVEMENT BY 1" ± 0.5" AND THE HOT SIDE OF THE JOINT REMAINS HIGHER THAN THE COLD SIDE BY APPROXIMATELY 0.1" AFTER FINAL COMPACTION. (IT WILL BE FLUSH WHEN PAVING IN ECHELON.)

ONLY REMOVE THE LONGITUDINAL NOTCHED WEDGE JOINT FOR SMA PAVEMENT OR AS DIRECTED BY THE ENGINEER TO ADDRESS SPECIFIC LENGTHS OF JOINT DAMAGED BY TRAFFIC.

WHEN MILLING BACK OR REMOVING ANY LONGITUDINAL JOINT, LIMIT THE MATERIAL REMOVED TO 2" FROM THE TOP NOTCH OR FROM THE VERTICAL JOINT EDGE ON THE COLD SIDE OF THE JOINT.

USE LONGITUDINAL MILLED JOINT AS PLANS SHOW OR THE AS THE ENGINEER DIRECTS.



OVERLAP DETAIL (TYPICAL)

HMA LONGITUDINAL JOINTS	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED November 2020 DATE	/S/ Steven Hefel HMA PAVEMENT ENGIN

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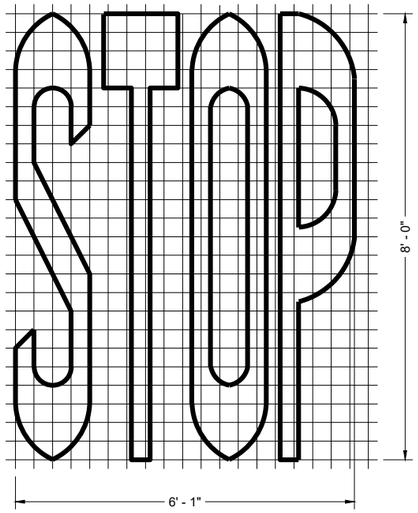
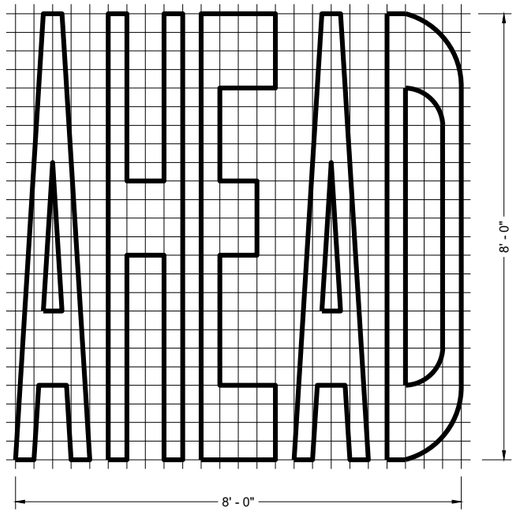
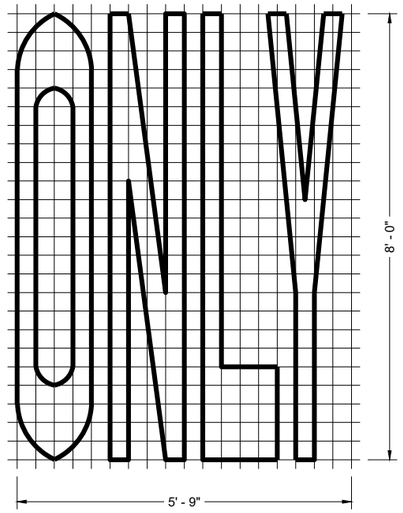
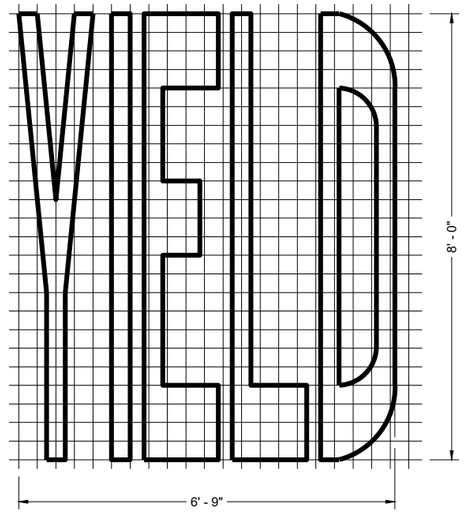
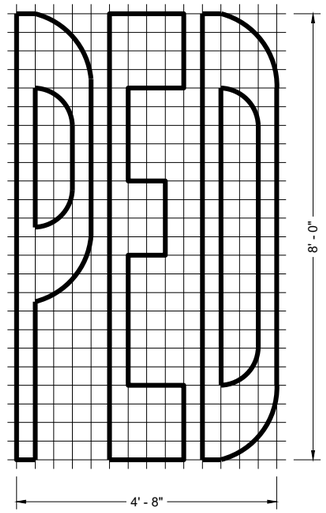
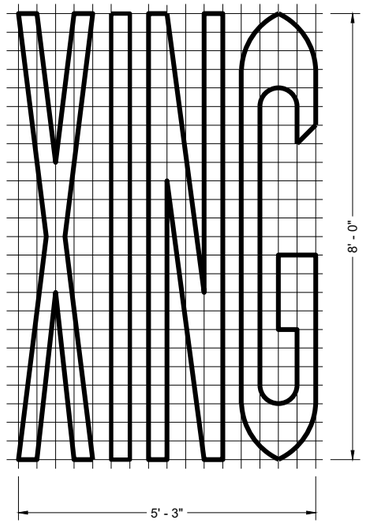


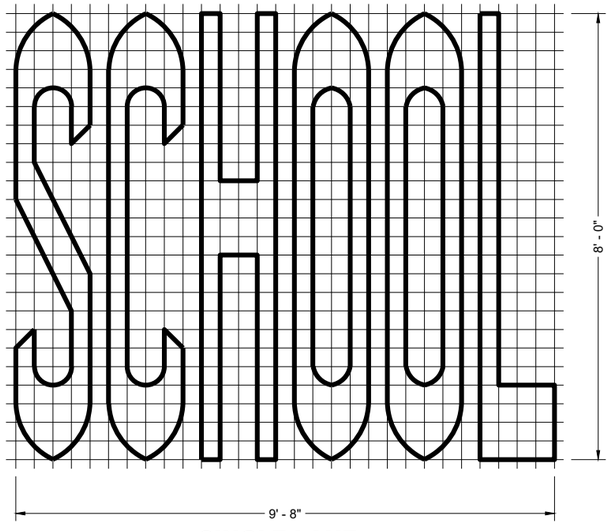




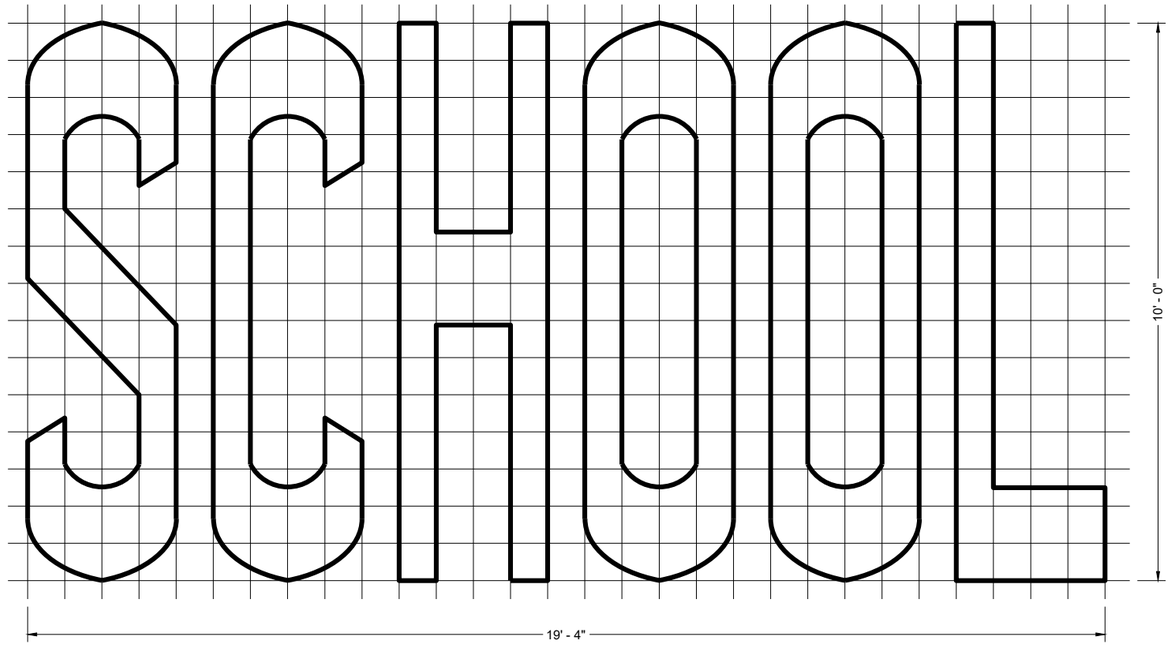








SINGLE LANE



TWO - LANE

GENERAL NOTES

DETAILS OF INSTALLATION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

PAVEMENT MARKING WORDS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2024 — DATE
/S/ Jeannie Silver — STATE SIGNING AND MARKING ENGINEER

FHWA

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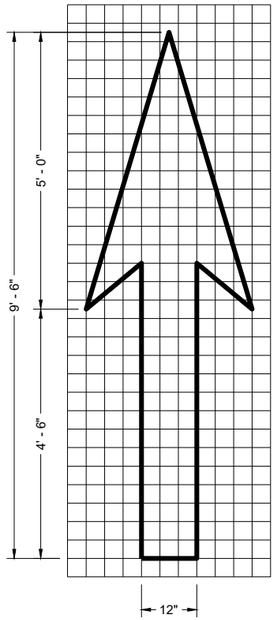
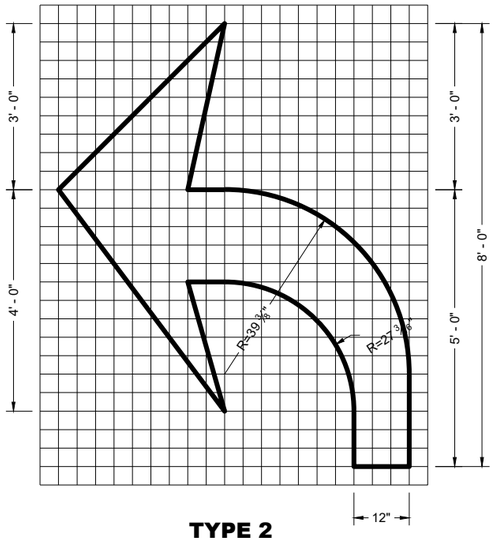
GENERAL NOTES

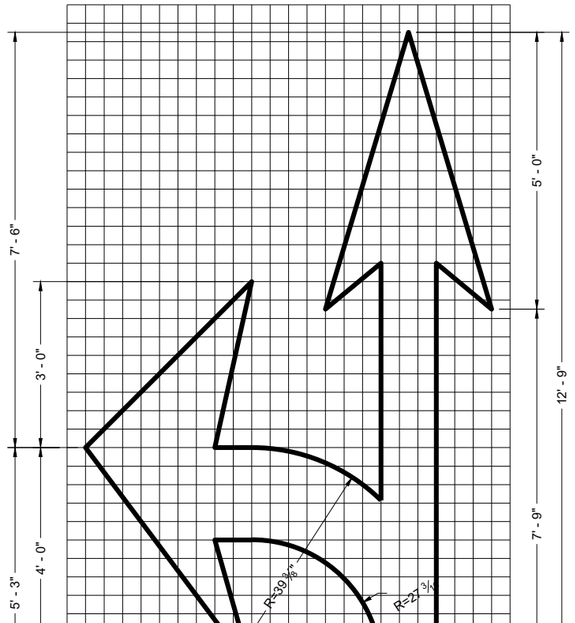
DETAILS OF INSTALLATION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.



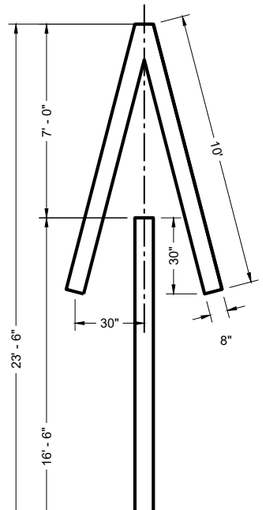
TYPE 1



TYPE 2



TYPE 3



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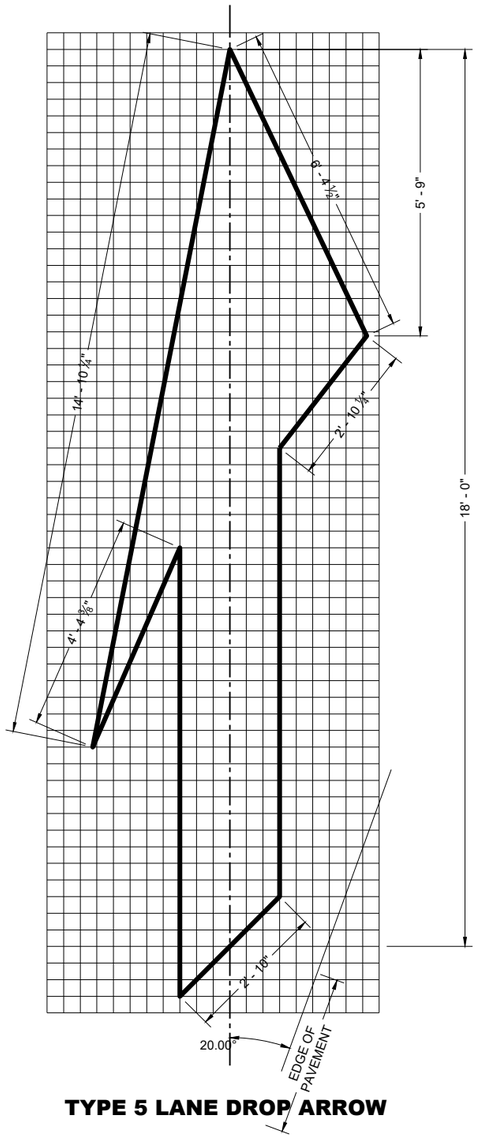
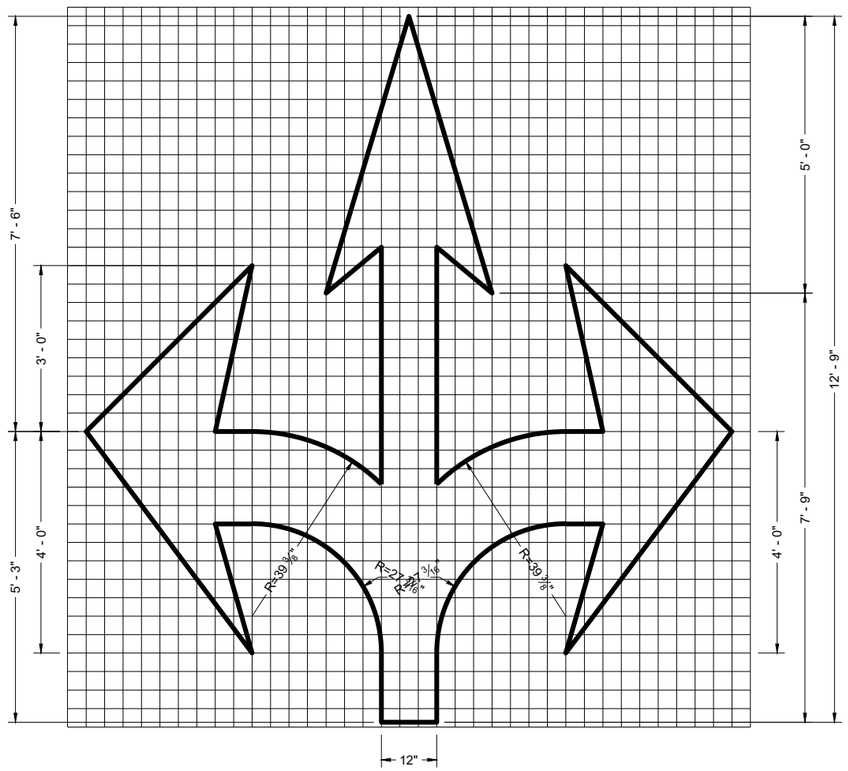
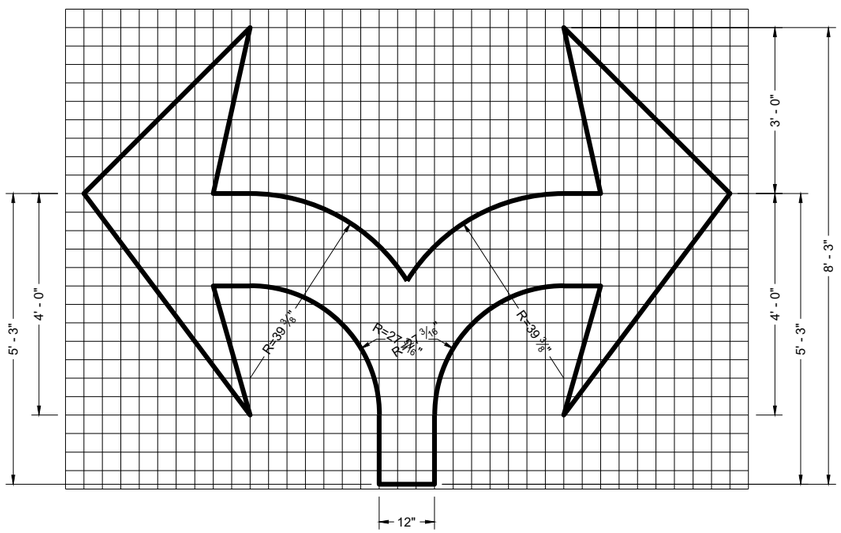


TYPE 5 LANE DROP ARROW



TYPE 6



TYPE 7

PAVEMENT MARKING ARROWS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2024 — DATE
/S/ Jeannie Silver — STATE SIGNING AND MARKING ENGINEER

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GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.

(1) LOCATE THE NO PASSING ZONE W14-3 SIGN WITHIN 50 FEET OF THE "T" MARKING

(2) MEASURE FROM EDGE OF MARKING TO JOINT LINE. THIS DOES NOT INCLUDE SPACE NEEDED FOR GROOVING OPERATIONS.

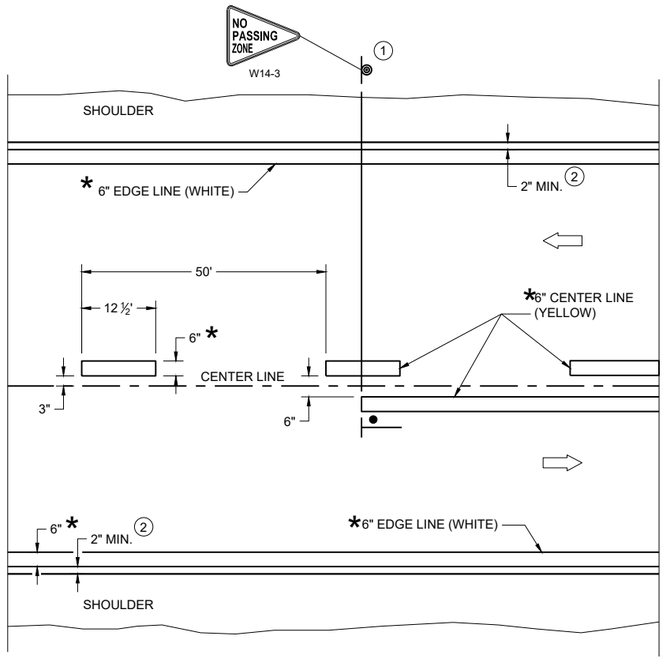
LEGEND

"T" MARKING

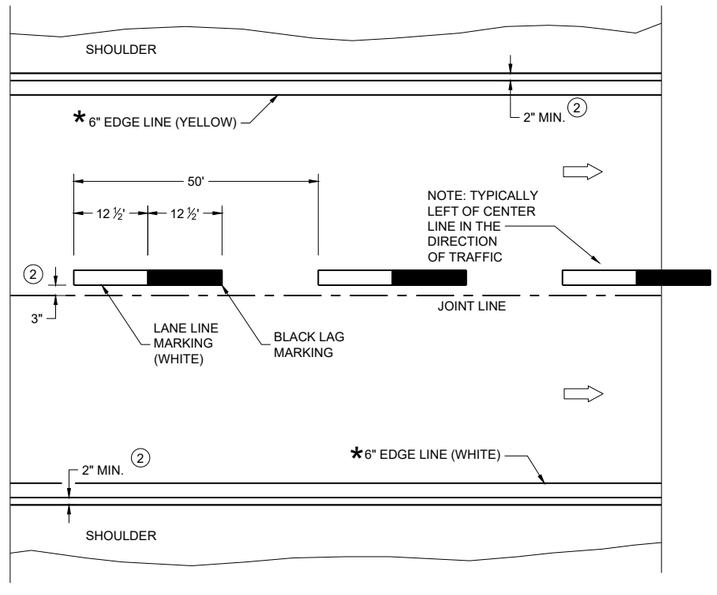
SIGN ON PERMANENT SUPPORT

DIRECTION OF TRAFFIC

*CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES



TWO WAY TRAFFIC



ONE WAY TRAFFIC

PERMANENT PAVEMENT MARKING

PERMANENT LONGITUDINAL PAVEMENT MARKINGS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
December 2024
DATE

/S/ Jeannie Silver
Statewide Pavement Marking Engineer

FHWA

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SDD 15C08-24a

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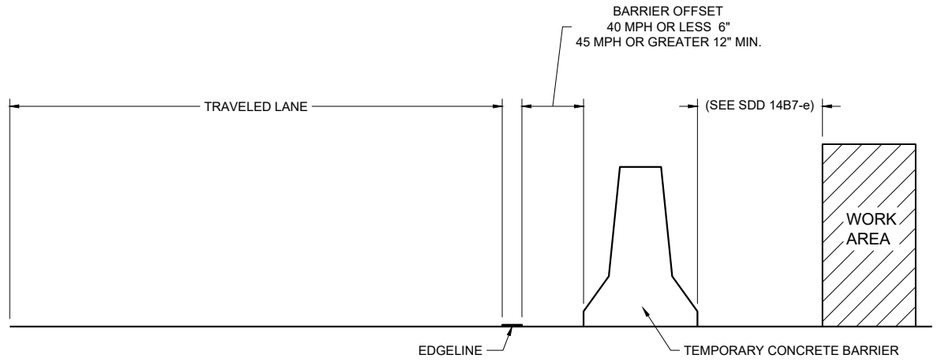
SDD 15C08-24a



TEMPORARY BARRIER OFFSET FROM EDGELINE

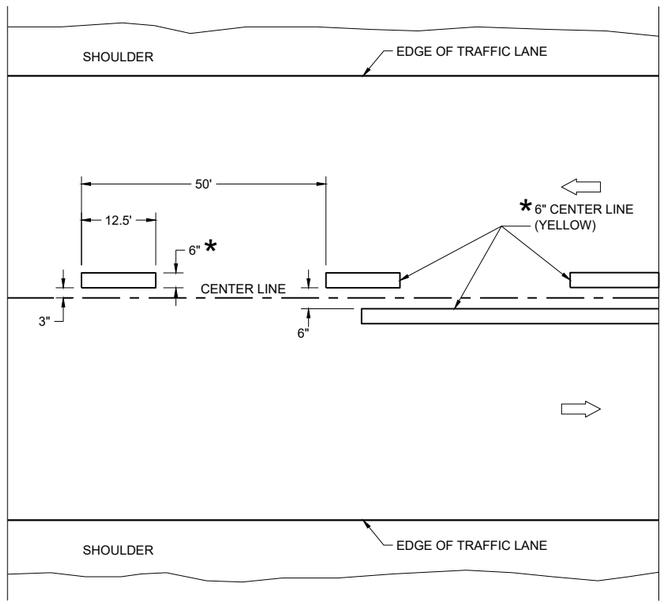
GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.

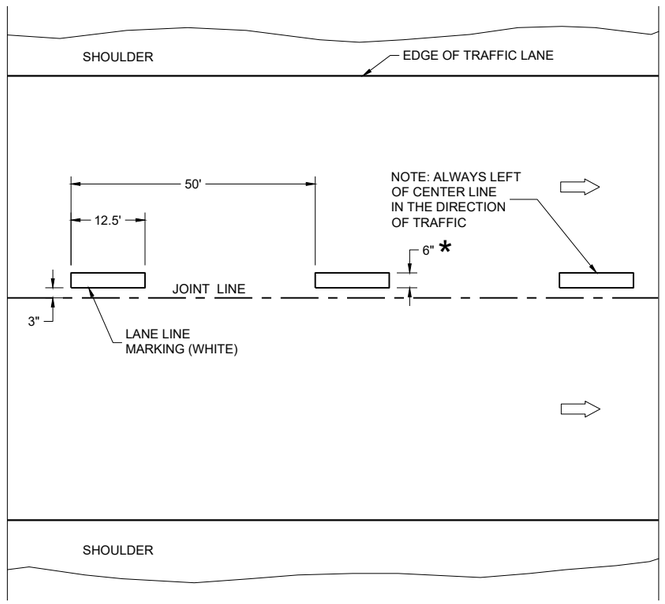
LEGEND

DIRECTION OF TRAFFIC

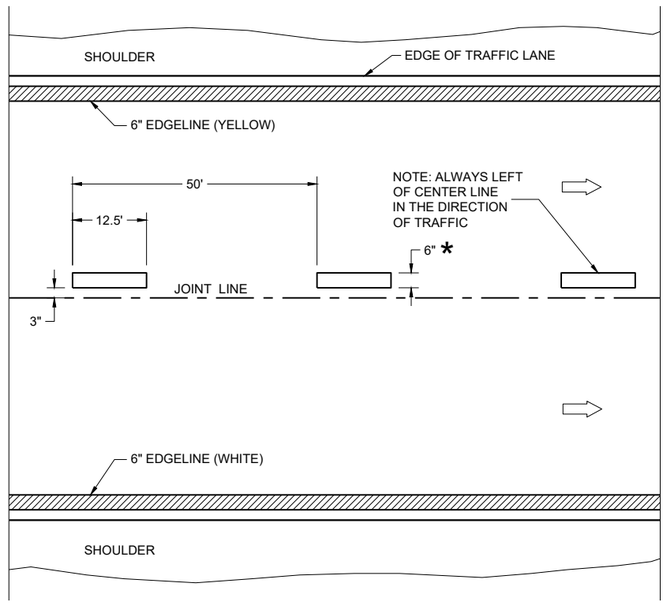
*CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES



TWO WAY TRAFFIC



ONE WAY TRAFFIC



FREEWAYS AND EXPRESSWAYS

TEMPORARY PAVEMENT MARKING

TEMPORARY LONGITUDINAL PAVEMENT MARKING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
December 2024
DATE
/S/ Jeannie Silver
Statewide Pavement Marking Engineer
FHWA

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SDD 15C08-24b

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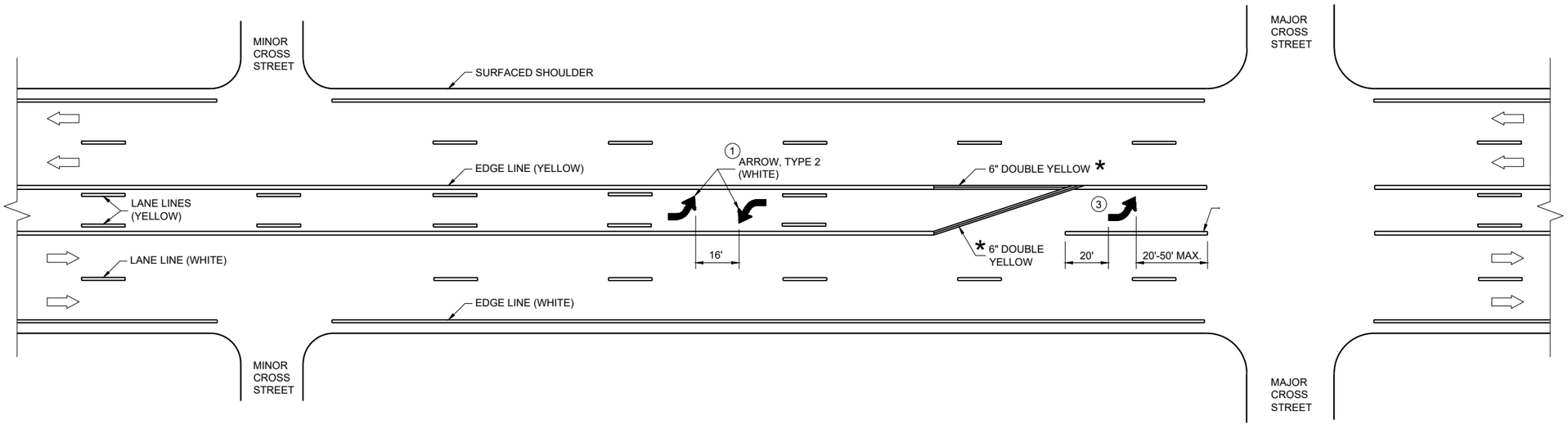
SDD 15C08-24b

GENERAL NOTES

1. A SET OF ARROWS IS REQUIRED EVERY 400 FEET OR NEAR INTERSECTIONS OR DRIVEWAYS WITH TURNING TRAFFIC.
2. 10" WHITE
3. TURN BAY LENGTH OF LESS THAN 48' DOES NOT REQUIRE PAVEMENT ARROWS OR TEXT.

⇨ DIRECTION OF TRAFFIC

*CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES



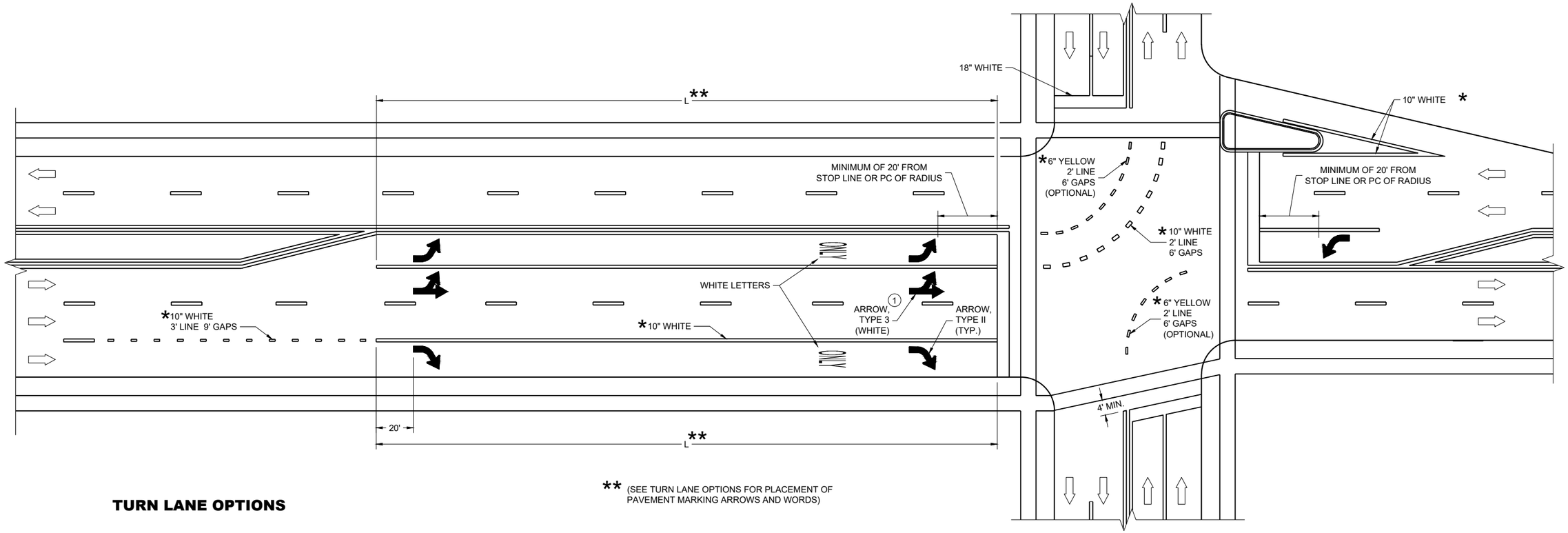
TWO WAY LEFT TURN LANE

PAVEMENT MARKING (TURN LANES)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

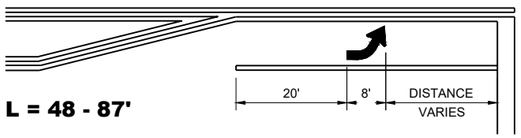
SDD 15C08-24c



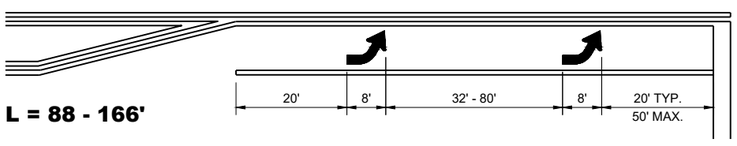
** (SEE TURN LANE OPTIONS FOR PLACEMENT OF PAVEMENT MARKING ARROWS AND WORDS)

TURN LANE OPTIONS

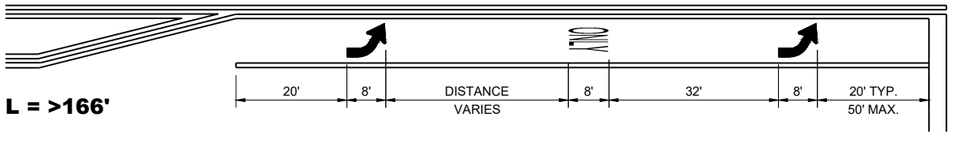
LENGTH OF TURN BAY (**L**) OF 0 - 47' DOES NOT
REQUIRE PAVEMENT MARKING ARROWS OR WORDS



L = 48 - 87'



L = 88 - 166'



L = >166'

GENERAL NOTES

1. QUANTITY AND LOCATION OF TYPE 3 ARROWS ARE THE SAME AS THE TYPE II ARROWS IN THE ADJACENT TURN LANE. FOR TURN LANES WITH A PHYSICAL SEPARATION IN THE SAME DIRECTION OF TRAVEL, THE ARROWS AND "ONLY" MARKING MAY BE ELIMINATED.

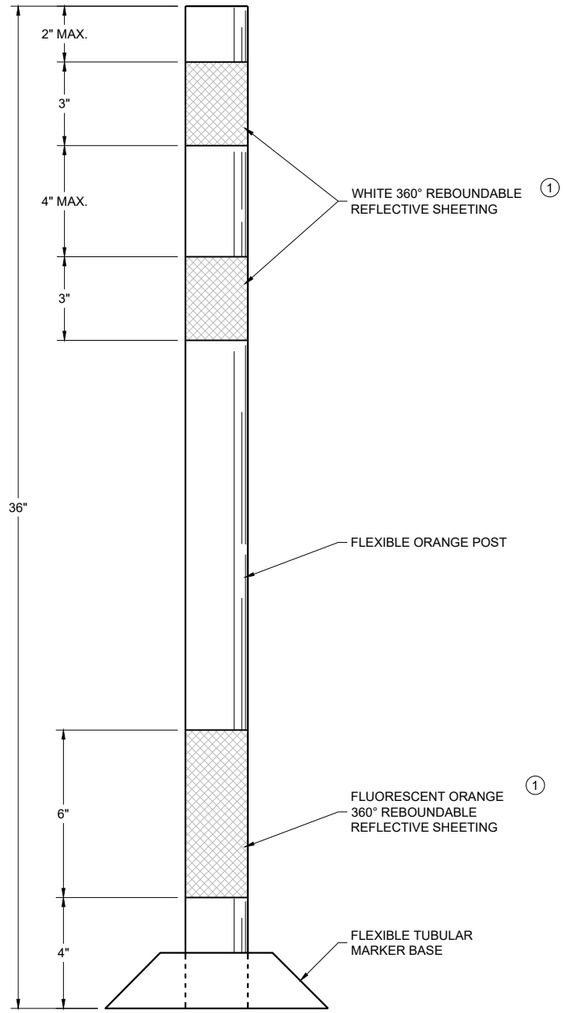
DIRECTION OF TRAFFIC

L = LENGTH OF TURN BAY

*CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES

PAVEMENT MARKING (TURN LANES)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



FLEXIBLE TUBULAR MARKER POST WORK ZONE

GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

SURFACE MOUNTED BASES SHALL BE FURNISHED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS TO BE COMPATIBLE WITH FLEXIBLE TUBULAR MARKER POSTS TO A SIZE AND SHAPE THAT WILL PROVIDE A STABLE POST FOUNDATION WHEN SECURED TO THE PAVEMENT.

THE ASPHALTIC ADHESIVE OR BUTYL PAD FURNISHED SHALL BE IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS, UNLESS DIRECTED BY THE ENGINEER TO USE BOLTS.

(1) REFLECTIVE SHEETING SHALL FOLLOW THE REQUIREMENTS IN THE APPROVED PRODUCTS LISTING FOR SIGN SHEETING.

6

CHANNELIZING DEVICES
FLEXIBLE TUBULAR
MARKER POST

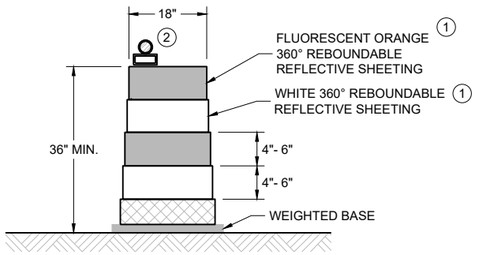
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

SDD 15C11-11a

GENERAL NOTES

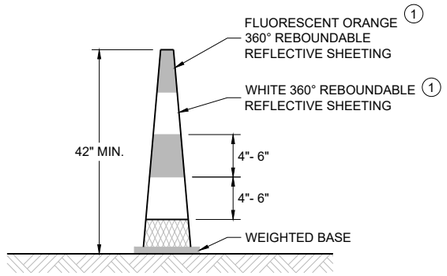
(1) REFLECTIVE SHEETING SHALL FOLLOW THE REQUIREMENTS IN THE APPROVED PRODUCTS LISTING FOR SIGN SHEETING.

(2) LOCATION OF WARNING LIGHTS WHEN SHOWN ON THE PLAN.



DRUM

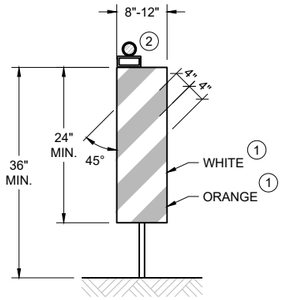
BALLAST WIDTHS
RANGE FROM 24"-36"



42" CONE

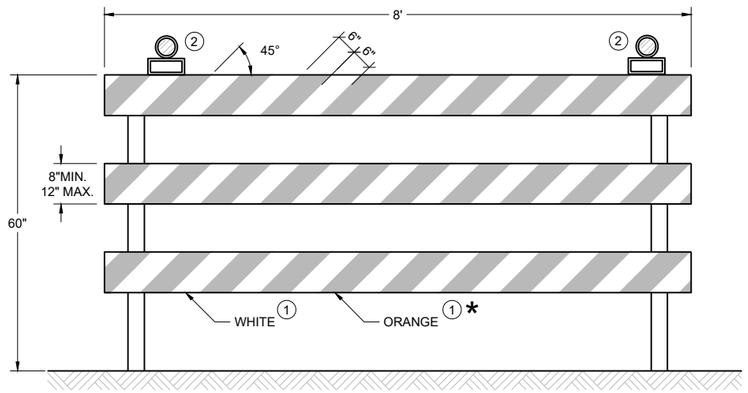
DO NOT USE IN TAPERS
½ SPACING OF DRUMS

BALLAST WIDTHS
RANGE FROM 14"-20"



VERTICAL PANEL

THE STRIPES SHALL SLOPE DOWNWARD TO
THE TRAFFIC SIDE FOR CHANNELIZATION.



TYPE III BARRICADE

IF SIGN MOUNTED, DO NOT COVER MORE THAN 50% OF THE TOP TWO RAILS OR 33% OF THE TOTAL AREA OF THE THREE RAILS.

* IF USED FOR A PERMANENT APPLICATION USE RED SHEETING.

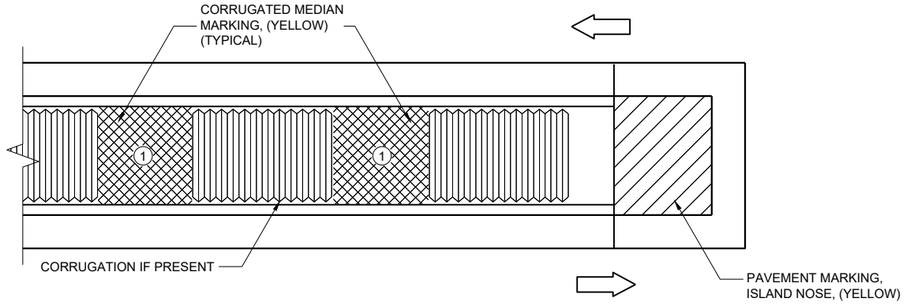
CHANNELIZING DEVICES
DRUMS, CONES, BARRICADES
AND VERTICAL PANELS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

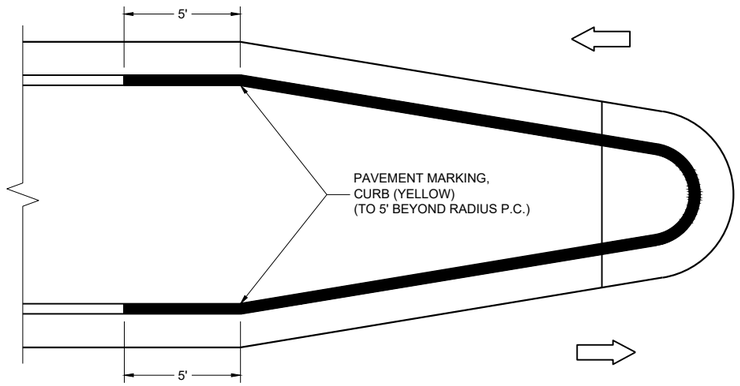
APPROVED
February 2026 — DATE
/S/ Andrew Heidtke — WORK ZONE ENGINEER

FHWA

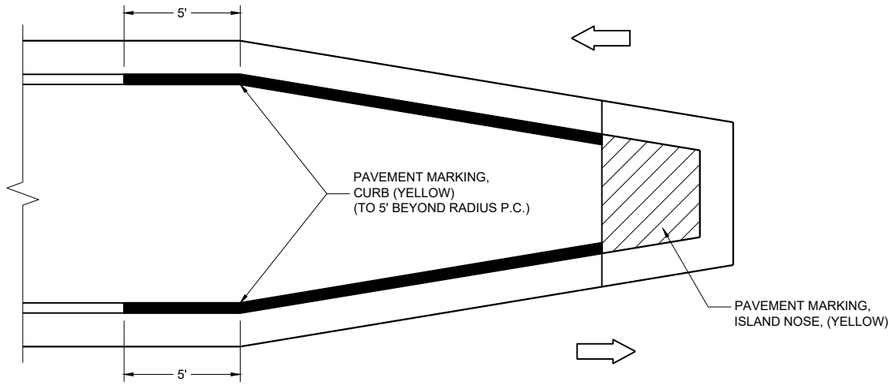
6
SDD 15C11-11b



MEDIAN ISLAND WITH SQUARE BLUNT NOSE



MEDIAN ISLAND WITH ROUND BLUNT NOSE



MEDIAN ISLAND WITH SLOPED NOSE

**TYPICAL PLACEMENT OF
PAVEMENT MARKING ON MEDIAN ISLANDS**

GENERAL NOTES

WHEN CONCRETE CORRUGATED MEDIAN IS CONSTRUCTED TO SEPARATE TRAFFIC OPERATING IN THE OPPOSING DIRECTION, YELLOW PAVEMENT MARKING SHALL BE APPLIED TO THE FLAT PORTION OF THE CONCRETE CORRUGATED MEDIAN. THE ITEM OF PAVEMENT MARKING, CONCRETE CORRUGATED MEDIAN, WILL BE MEASURED IN PLACE AND ACCEPTED IN ACCORDANCE WITH THE CONTRACT AND PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE FOOT.

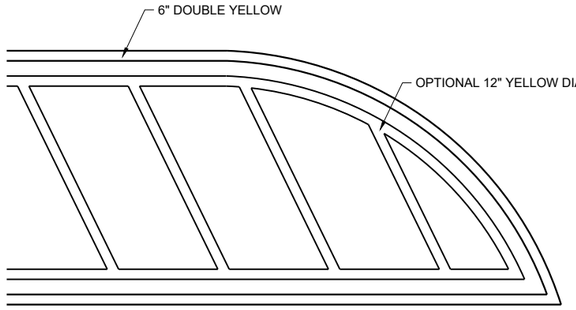
(1) APPLY PAVEMENT MARKING TO THE FLAT PORTION OF CORRUGATED MEDIAN.

ISLAND NOSE MARKING

CURB MARKING

CORRUGATED MEDIAN MARKING

DIRECTION OF TRAVEL



FLUSH MEDIAN ISLAND NOSE

**PAVEMENT MARKINGS,
MEDIAN ISLAND NOSE**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
August 2024
DATE

/S/ Jeannie Silver
Statewide Pavement Marking Engineer

FHWA

SDD 15C18-09b

LEGEND

V1 LEAD VEHICLE

V2 MARKING VEHICLE

V3 SHADOW VEHICLE

TRUCK MOUNTED ATTENUATOR (TMA)

SIGN ON TEMPORARY SUPPORT

DIRECTION OF TRAFFIC

ARROW PANEL (CAUTION)

GENERAL NOTES

ALL VEHICLES SHALL BE EQUIPPED WITH TWO 360 DEGREE HIGH INTENSITY YELLOW FLASHING LIGHTS OR STROBE LIGHTS AND OPERATED WITH HEADLIGHTS TURNED ON.

ALL VEHICLES SHALL BE EQUIPPED WITH REAR FACING TYPE B OR C FLASHING ARROW PANEL. SIGNS PLACED ON VEHICLES MUST NOT OBSCURE THE ARROW PANEL.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE SPECIFIED.

DISTANCE BETWEEN VEHICLES MAY VARY ACCORDING TO TERRAIN, SIGHT DISTANCE, PAINT DRYING TIME, AND OTHER FACTORS. WHENEVER ADEQUATE STOPPING SIGHT DISTANCE EXISTS TO THE REAR, SHADOW VEHICLES SHOULD MAINTAIN THE MINIMUM DISTANCE FROM THE WORK VEHICLE AND PROCEED AT THE SAME SPEED AS THE WORK VEHICLE. SHADOW VEHICLES SHOULD SLOW DOWN IN ADVANCE OF VERTICAL AND HORIZONTAL CURVES THAT RESTRICT SIGHT DISTANCE.

WHEN WORK ACTIVITY BLOCKS THE LEFT LANE, REVERSE TRAFFIC CONTROL.

WHEN A RAMP INTERSECTS THE FACILITY ON WHICH THE WORK IS BEING PERFORMED, PROVIDE ADDITIONAL TRAFFIC CONTROLS AS SPECIFIED IN THE CONTRACT OR AS APPROVED BY THE ENGINEER.

WORKERS SHALL NOT PERFORM WORK FROM ANY SHADOW OR PROTECTION VEHICLES.

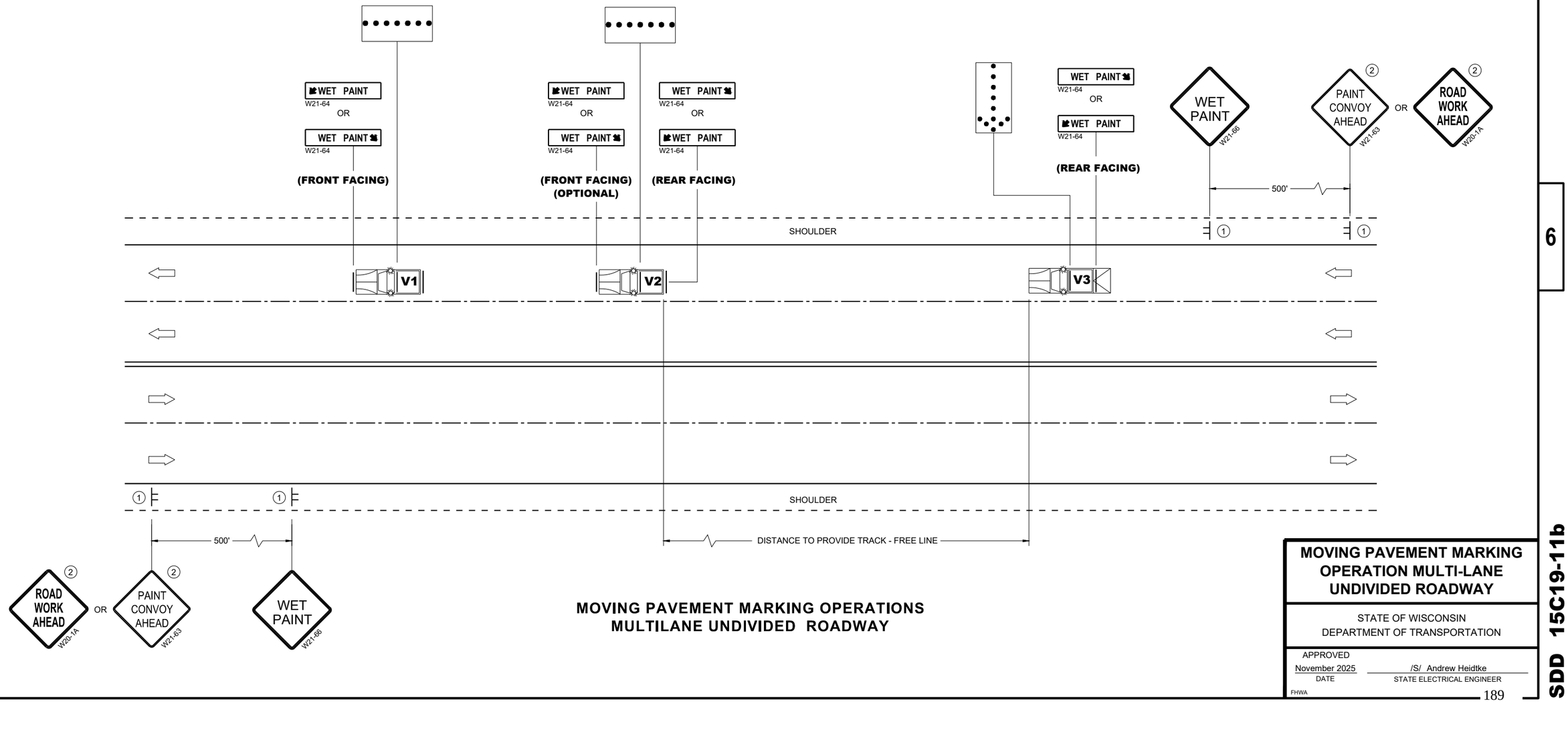
WHEN NO WORK ACTIVITY IS TAKING PLACE, REMOVE OR LAY STATIONARY SIGNS AND SUPPORTS FLAT ON THE GRADE WITH UPRIGHTS ORIENTED PARALLEL TO AND DOWNSTREAM FROM TRAFFIC.

CONES SHOULD BE USED BETWEEN THE MARKING AND SHADOW VEHICLES AT 100 FOOT SPACING. CONES MAY BE OMITTED ON PAINTED LINE IF APPROVED BY THE ENGINEER. CONSIDER PAVEMENT MARKING DRY OR CURE TIMES AND TRAFFIC VOLUME.

CONES SHALL HAVE A MINIMUM HEIGHT OF 28" FOR WET PAVEMENT MARKINGS.

(1) SIGNS SHALL BE REPEATED APPROXIMATELY EVERY THREE MILES AND AFTER EVERY MAJOR INTERSECTION.

(2) IF CONSTRUCTION WORK ZONE SIGNS ARE IN PLACE, W20-1A OR W21-63 ARE NOT REQUIRED.



MOVING PAVEMENT MARKING OPERATIONS
MULTILANE UNDIVIDED ROADWAY

MOVING PAVEMENT MARKING OPERATION MULTI-LANE UNDIVIDED ROADWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2025 — DATE
/S/ Andrew Heidtke — STATE ELECTRICAL ENGINEER

FHWA

6

SDD 15C19-11b

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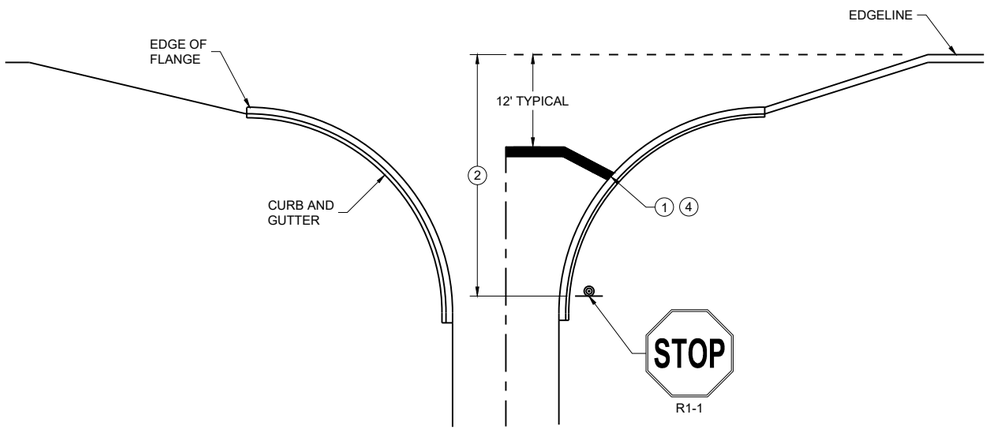
SDD 15C19-11b

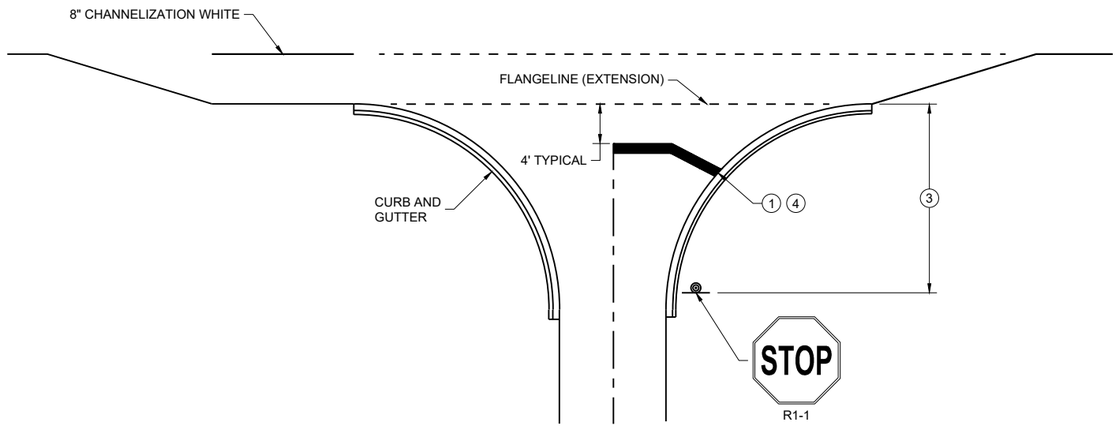
GENERAL NOTES

STOP SIGN SHALL BE PLACED A MINIMUM OF 6 FEET TO A MAXIMUM OF 50 FEET FROM THE EDGELINE LOCATION.

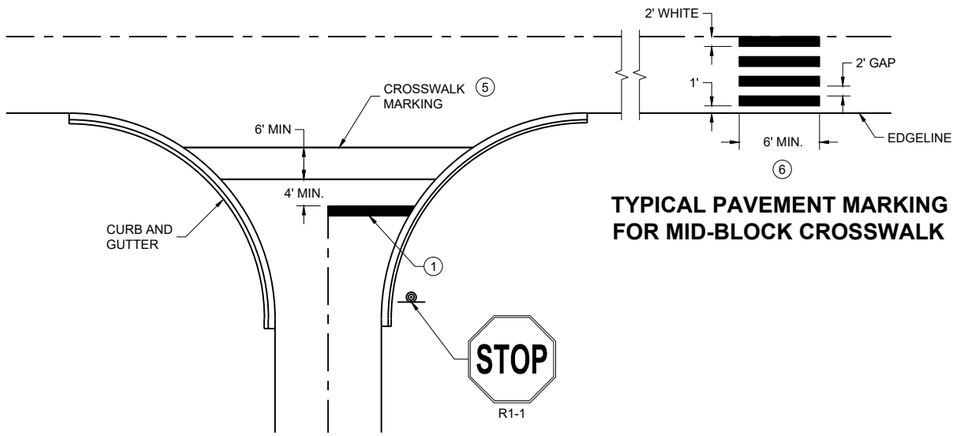
1. 18-INCH STOP LINES MAY BE DELETED OR ADDED BY THE REGION MARKING ENGINEER BASED ON VISIBILITY AND SIGHT LINES.
2. NO STOP LINE IS REQUIRED IF STOP SIGN IS LESS THAN OR EQUAL TO 40 FEET FROM THE EDGELINE.
3. NO STOP LINE IS REQUIRED IF STOP SIGN IS LESS THAN OR EQUAL TO 30 FEET FROM THE FLANGE LINE EXTENSION.
4. MOVE CLOSER TO THE EDGE OF TRAVEL LINE AS NEEDED FOR VISIBILITY AND SIGHT LINES (NO CLOSER THAN 4 FEET).
5. LADDER BAR CROSSWALKS SHOULD ONLY BE USED FOR MID BLOCK CROSSINGS. USE 2 - 6" TRANSVERSE LINES.
6. POSTED SPEED LIMITS OF 40 MPH OR GREATER USE A MINIMUM WIDTH OF 8' FOR MIDBLOCK CROSSWALKS



TYPICAL STOP LINE PAVEMENT MARKING WITH CURB AND GUTTER

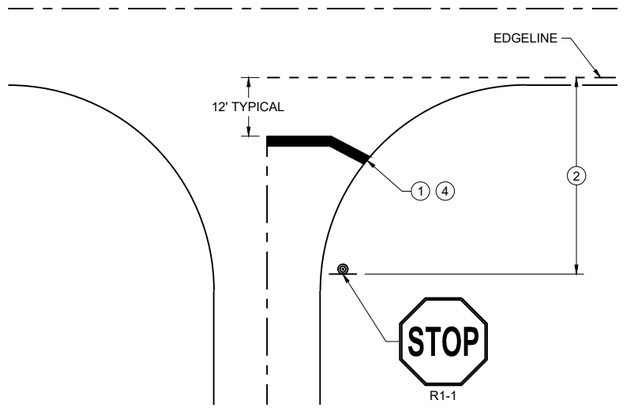


TYPICAL STOP LINE PAVEMENT MARKING FOR SIDE ROADS WITH RIGHT TURN LANE



TYPICAL PAVEMENT MARKING FOR MID-BLOCK CROSSWALK (5)

TYPICAL STOP LINE PAVEMENT MARKING FOR SIDE ROADS WITH CROSSWALK MARKING



TYPICAL STOP LINE PAVEMENT MARKING WITHOUT CURB AND GUTTER

STOP LINE AND CROSSWALK PAVEMENT MARKING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
March 2024 — DATE
/S/ Matthew Rauch — STATE SIGNING AND MARKING ENGINEER

FHWA

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SDD 15C33-05

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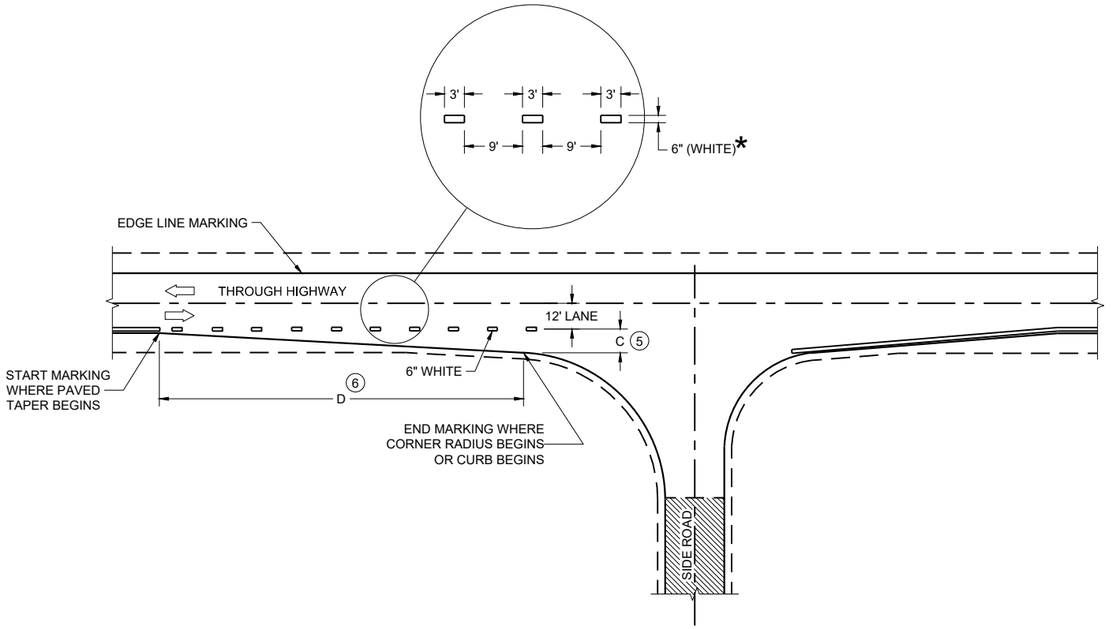
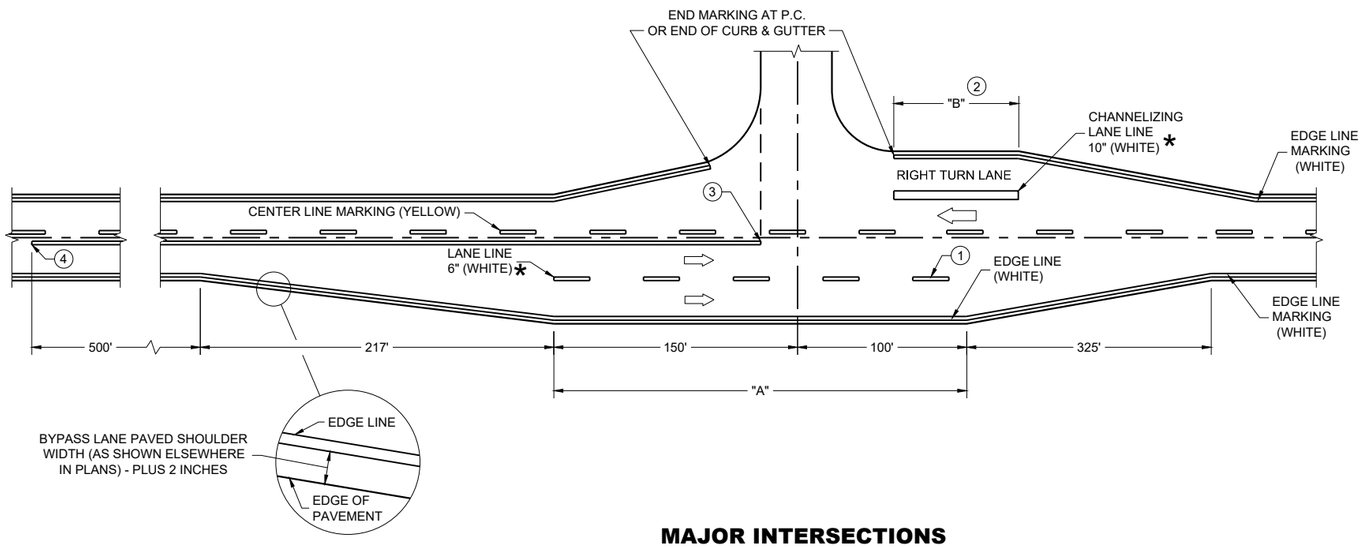
SDD 15C33-05



MINOR INTERSECTION



MAJOR INTERSECTIONS

(INTERSECTION WITH FULL RIGHT TURN LANE OR BYPASS LANE)

*CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES

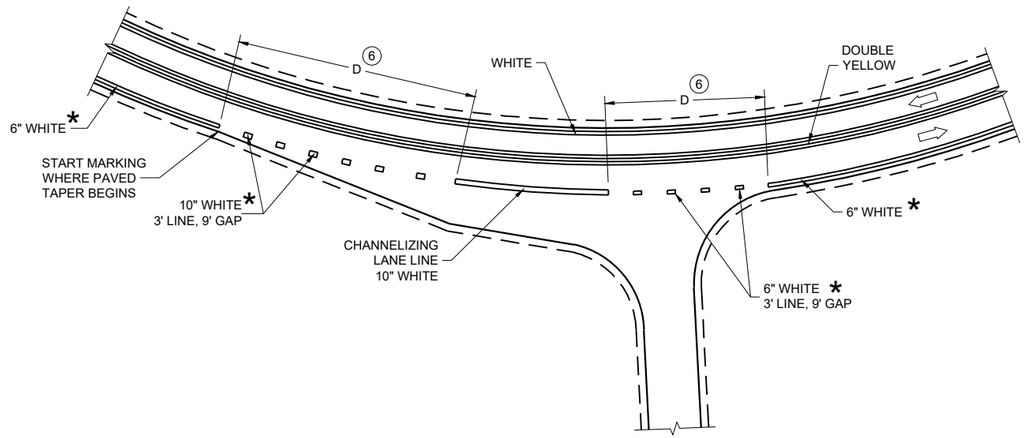
GENERAL NOTES

OMIT EDGE LINES THROUGH INTERSECTIONS. CONTINUE EDGE LINES THROUGH DRIVEWAYS.

1. WHEN DISTANCE "A" IS LESS THAN 250 FEET, OMIT LANE LINE.
2. WHEN DISTANCE "B" IS LESS THAN 100 FEET, OMIT CHANNELIZING LANE LINE.
3. BARRIER LINE ENDS AT SIDE ROAD PAVEMENT / SURFACE EDGE EXTENSION.
4. BARRIER LINE STARTS 500 FEET PRIOR TO THE BYPASS TAPER.
5. WHEN DISTANCE "C" IS LESS THAN 4 FEET, OMIT DOTTED EXTENSION.
6. WHEN DISTANCE "D" IS LESS THAN 50 FEET, OMIT DOTTED EXTENSION.

LEGEND

DIRECTION OF TRAVEL



INTERSECTION ON OUTSIDE OF CURVE

PAVEMENT MARKING (INTERSECTIONS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS.

THIS LANE CLOSURE IS TYPICAL FOR CLOSING RIGHT LANE - REVERSE FOR CLOSING LEFT LANE.

ALL SIGNS ARE 48" x 48" UNLESS OTHERWISE NOTED.

"WO" IS THE SAME AS "W" EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED OR AS APPROVED BY THE ENGINEER.

FOR A LANE CLOSURE THAT IS IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS, THE ADVANCED WARNING SIGNS MAY BE MOUNTED ON PORTABLE SUPPORTS.

REMOVE PAVEMENT MARKINGS AND PLACE TEMPORARY PAVEMENT MARKING LINE IF LANE CLOSURE IS TO BE IN PLACE 4 OR MORE CONTINUOUS DAYS AND NIGHTS.

IF THE HORIZONTAL ALIGNMENT IS SUCH THAT A CURVE MAY REQUIRE ADDITIONAL DELINEATION, THE DEVICE SPACING MAY BE DECREASED TO 50 FEET.

WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

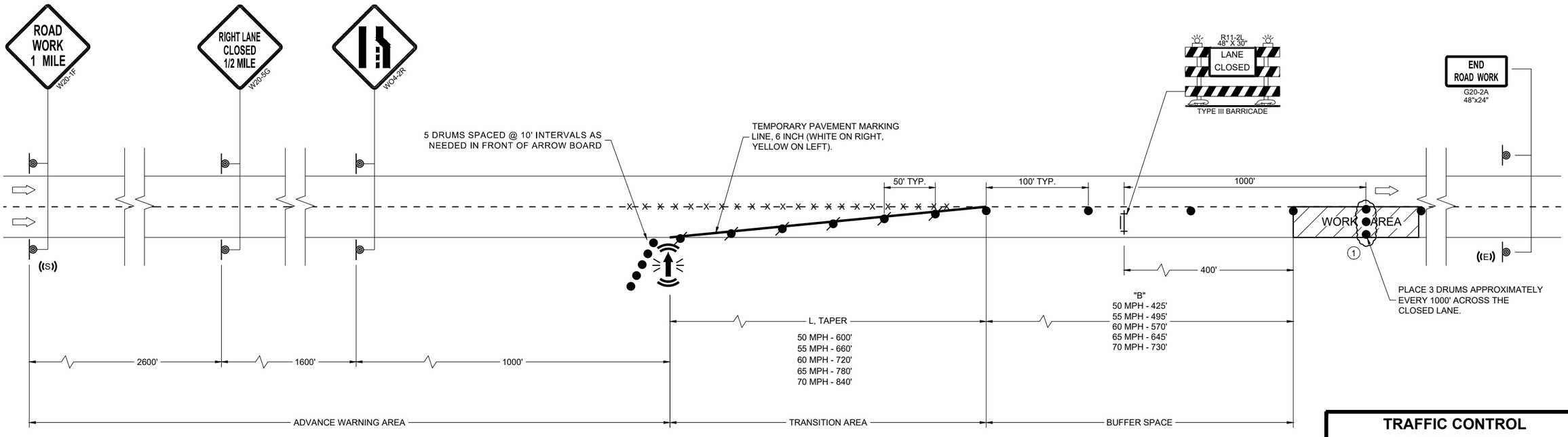
ADJUSTMENTS IN BUFFER SPACE NEED TO BE INCORPORATED WHEN THE LANE CLOSURE OCCURS NEAR AN INTERCHANGE EXIT OR ENTRANCE RAMP OR INTERSECTION. THE LANE CLOSURE MUST TAKE PLACE FAR ENOUGH IN ADVANCE OF AN EXIT OR ENTRANCE RAMP TO STILL ALLOW FOR ADEQUATE BUFFER SPACE. THE MINIMUM LENGTH OF THE BUFFER SPACE BEFORE AN EXIT RAMP SHOULD BE ONE HALF THE LENGTH OF THE TRANSITION AREA. THE ENTRANCE RAMP SHOULD BE FOLLOWED BY THE ORIGINAL BUFFER SPACE LENGTH OF 800 FEET DESIRABLE PRIOR TO ANOTHER TRAFFIC CONTROL CHANGE SUCH AS A CROSSOVER MANEUVER.

CONSIDER ROADWAY GEOMETRICS WHEN LOCATING SIGNS AND ARROW BOARD SO THE DRIVER HAS A CLEAR VIEW OF THE ARROW BOARD AND LANE CLOSURE DRUMS.

(1) DRUMS IN A CLOSED LANE THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY REESTABLISHED UPON COMPLETION OF THE OPERATION, OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

LEGEND

- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- REMOVING PAVEMENT MARKINGS
- DIRECTION OF TRAFFIC
- WORK AREA
- CONNECTED ARROW BOARD
- (S) WZ START LOCATION MARKER
- (E) WZ END LOCATION MARKER



TRAFFIC CONTROL LANE CLOSURE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2025 — DATE
/S/ Andrew Heidtke — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

FHWA

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SDD 15D12-16a

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SDD 15D12-16a

LEGEND

- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- REMOVING PAVEMENT MARKINGS
- DIRECTION OF TRAFFIC
- WORK AREA
- CONNECTED ARROW BOARD
- WZ START LOCATION MARKER
- WZ END LOCATION MARKER

GENERAL NOTES

FOR WORK ON ROADWAYS WITH SPEEDS GREATER THAN 45MPH, USE SDD 15D12.

THIS LANE CLOSURE DETAIL IS TYPICAL FOR CLOSING THE LEFT LANE. FOR A RIGHT LANE CLOSURE, REVERSE THE TRAFFIC CONTROL.

THIS DETAIL MAY BE USED FOR ROADWAYS WITH EITHER TWO OR THREE LANES IN EACH DIRECTION.

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36"X 36" SIGNS MAY BE USED IF APPROVED BY REGIONAL TRAFFIC UNIT.

"WO" SIGN IS THE SAME AS "W" SIGN EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON COVERED OR "DOWNED" SIGNS.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS OR THAT WILL BE PLACED IN A CLOSED LANE MAY BE MOUNTED ON TEMPORARY SUPPORTS.

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500' DESIRABLE) DISTANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE

W20-1A, G20-1 AND G20-2A SIGNS ARE NOT REQUIRED IF THE LANE CLOSURE IS WITHIN A LARGER WORK ZONE WHERE THESE SIGNS ARE ALREADY PRESENT.

REMOVE PAVEMENT MARKINGS AND PLACE TEMPORARY PAVEMENT MARKING LINE IF LANE CLOSURE IS TO BE IN PLACE FOR 4 OR MORE CONTINUOUS DAYS AND NIGHTS.

CONSIDER GEOMETRICS WHEN LOCATING SIGNS AND ARROW BOARDS SO THE APPROACHING DRIVER HAS A CLEAR VIEW OF THE ARROW BOARDS AND LANE CLOSURE DRUMS FOR A MINIMUM 1500 FEET IN FRONT OF DRUMS.

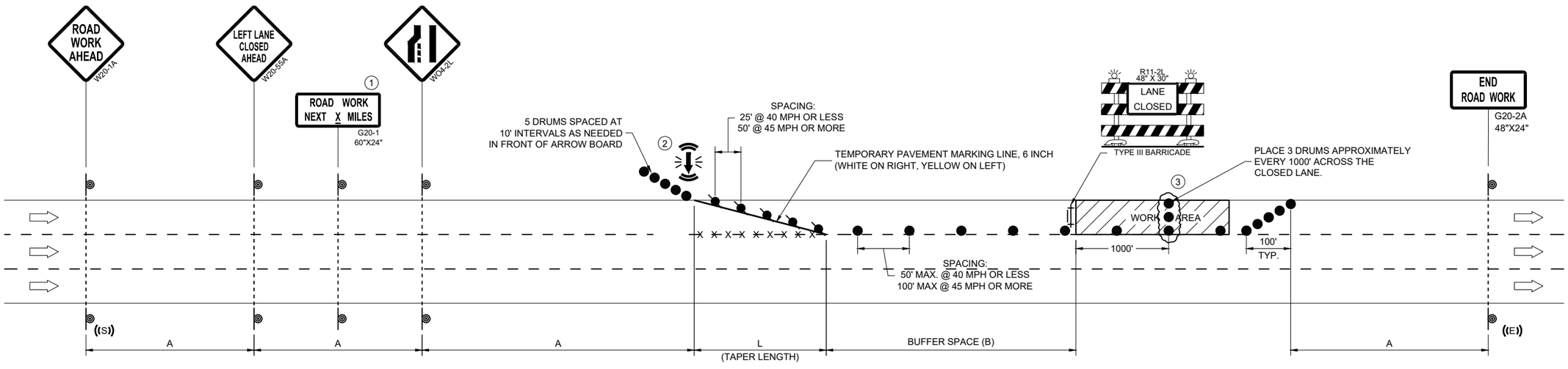
CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

(1) OMIT G20-1 SIGNS IF LENGTH OF WORK AREA IS 2 MILES OR LESS.

(2) WHERE THE SHOULDER OR TERRACE HAS INSUFFICIENT SPACE TO PLACE THE ARROW BOARD AS SHOWN, PLACE THE ARROW BOARD AT THE END OF THE TAPER.

(3) DRUMS IN A CLOSED LANE THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY REESTABLISHED UPON COMPLETION OF THE OPERATION, OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.



POSTED SPEED LIMIT PRIOR TO WORK STARTING (MPH)	ADVANCE WARNING SIGN SPACING (A) FEET	TAPER LENGTH (12 FT. LANE) (L) FEET	BUFFER SPACE (B) FEET
25	200'	125'	155'
30	200'	180'	200'
35	350'	245'	250'
40	350'	320'	305'
45	500'	540'	360'

TRAFFIC CONTROL, SINGLE LANE CLOSURE, DIVIDED NON-FREEWAY/EXPRESSWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2025
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

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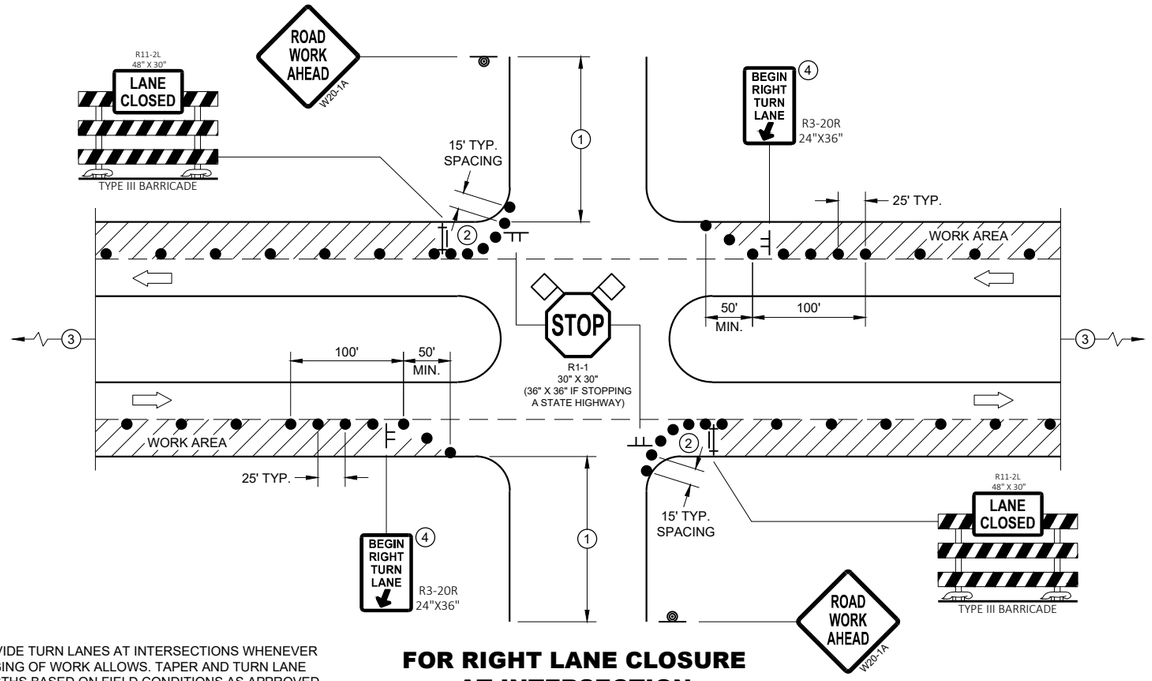
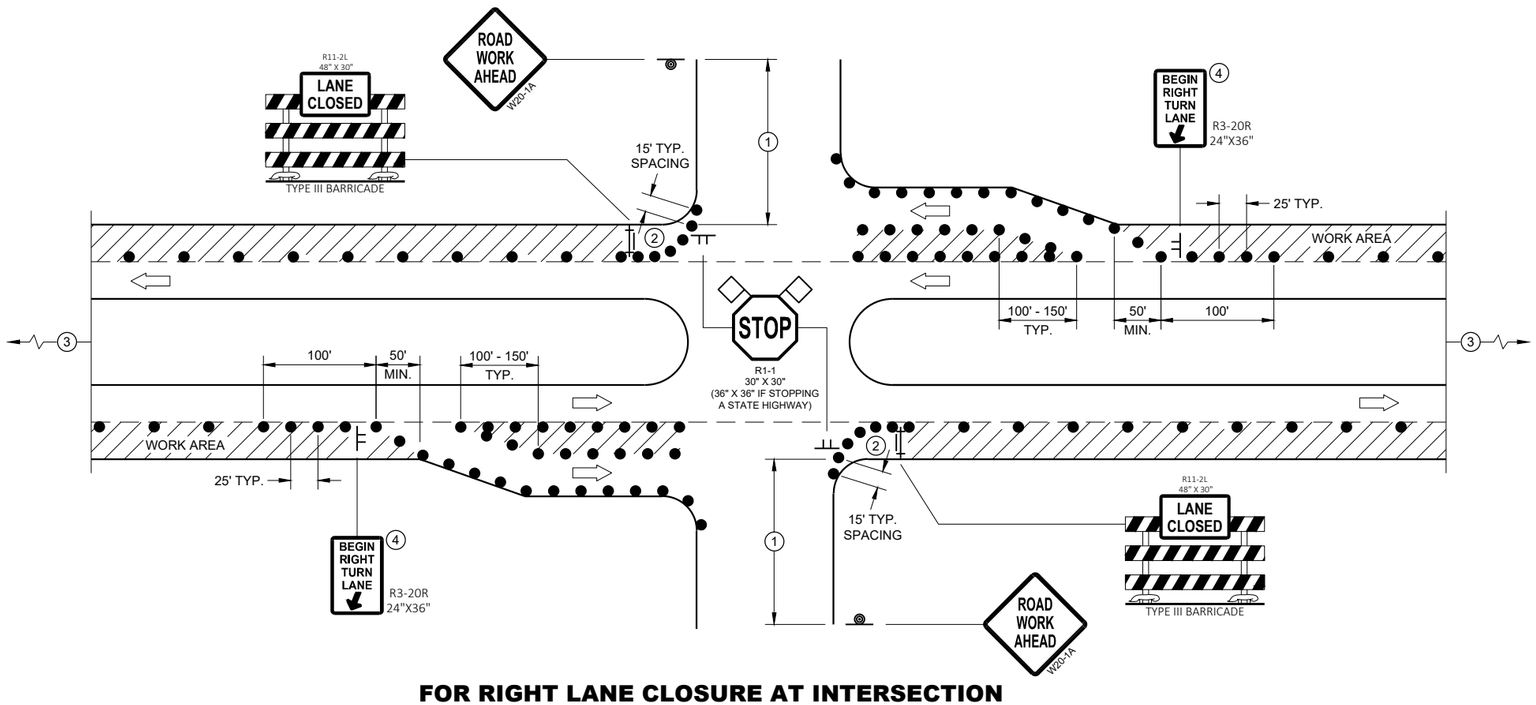
SDD 15D20-11a



PROVIDE TURN LANES AT INTERSECTIONS WHENEVER STAGING OF WORK ALLOWS. TAPER AND TURN LANE LENGTHS BASED ON FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

FOR RIGHT LANE CLOSURE AT INTERSECTION



FOR RIGHT LANE CLOSURE AT INTERSECTION (WITH RIGHT TURN BAY OPEN)

GENERAL NOTES

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36" X 36" MAY BE USED IF APPROVED BY THE DISTRICT TRAFFIC UNIT.

"WO" SIGN IS THE SAME AS "W" SIGN EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON COVERED OR "DOWNED" SIGNS.

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500' DESIRABLE) DISTANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE FHWA'S MANUAL OF STANDARD HIGHWAY SIGNS OR THE WISCONSIN STANDARD SIGN PLATES.

SIGNS THAT WILL REMAIN IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS OR THAT WILL BE PLACED IN A CLOSED LANE MAY BE MOUNTED ON PORTABLE SUPPORTS.

BARRICADES IN A CLOSED LANE THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY REESTABLISHED UPON COMPLETION OF THE OPERATION, OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

(1) 500' TYPICAL OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.
350' IF 35 - 40 MPH.
200' IF 25 - 30 MPH.

(2) ALSO USE BARRICADE AND 15 FOOT TYPICAL DRUM SPACING AT COMMERCIAL DRIVEWAYS

(3) SEE SEPARATE LANE CLOSURE DETAIL FOR ADDITIONAL TRAFFIC CONTROL.

(4) MINIMUM MOUNTING HEIGHT OF 5 FEET FROM EDGE OF PAVEMENT (AT EDGE LINE LOCATION) TO BOTTOM OF SIGN.

LEGEND

- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TYPE III BARRICADE WITH ATTACHED SIGN
- DIRECTION OF TRAFFIC
- FLAGS, 16" X 16" MIN., ORANGE
- WORK AREA

TRAFFIC CONTROL, INTERSECTION WITHIN SINGLE RIGHT LANE CLOSURE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 15D21 - 07a

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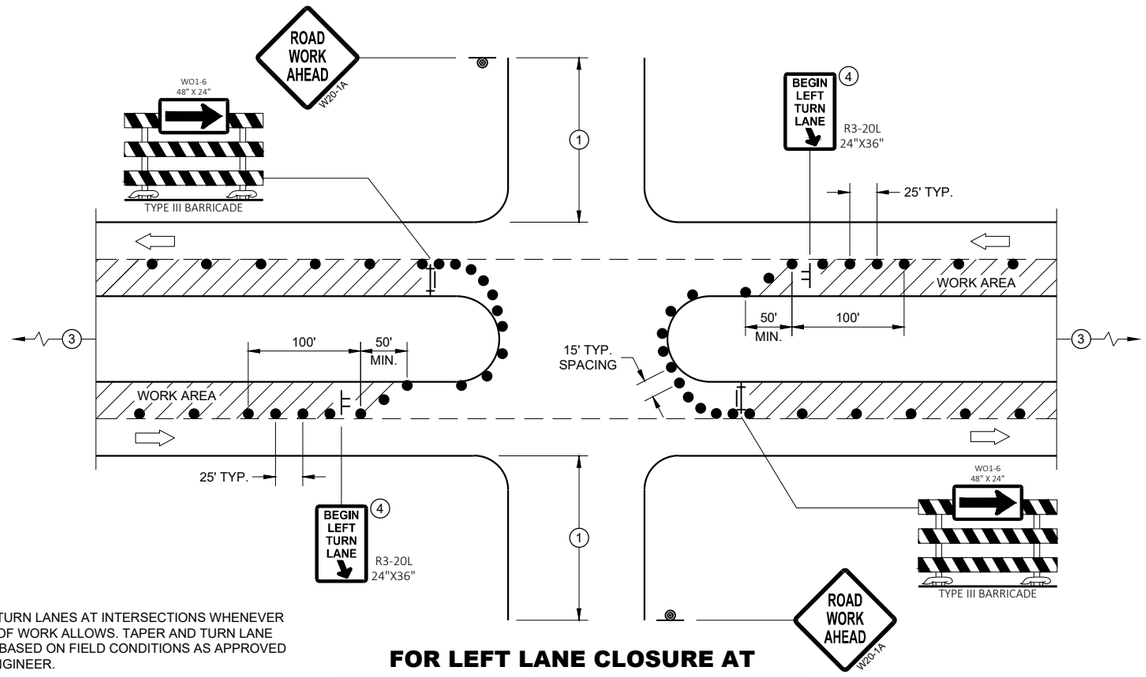
SDD 15D21 - 07a



PROVIDE TURN LANES AT INTERSECTIONS WHENEVER STAGING OF WORK ALLOWS. TAPER AND TURN LANE LENGTHS BASED ON FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

FOR LEFT LANE CLOSURE AT INTERSECTION OR MEDIAN OPENING

GENERAL NOTES

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36" X 36" MAY BE USED IF APPROVED BY THE DISTRICT TRAFFIC UNIT.

"WO" SIGN IS THE SAME AS "W" SIGN EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON COVERED OR "DOWNED" SIGNS.

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500' DESIRABLE) DISTANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE FHWA'S MANUAL OF STANDARD HIGHWAY SIGNS OR THE WISCONSIN STANDARD SIGN PLATES.

SIGNS THAT WILL REMAIN IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS OR THAT WILL BE PLACED IN A CLOSED LANE MAY BE MOUNTED ON PORTABLE SUPPORTS.

BARRICADES IN A CLOSED LANE THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY REESTABLISHED UPON COMPLETION OF THE OPERATION, OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

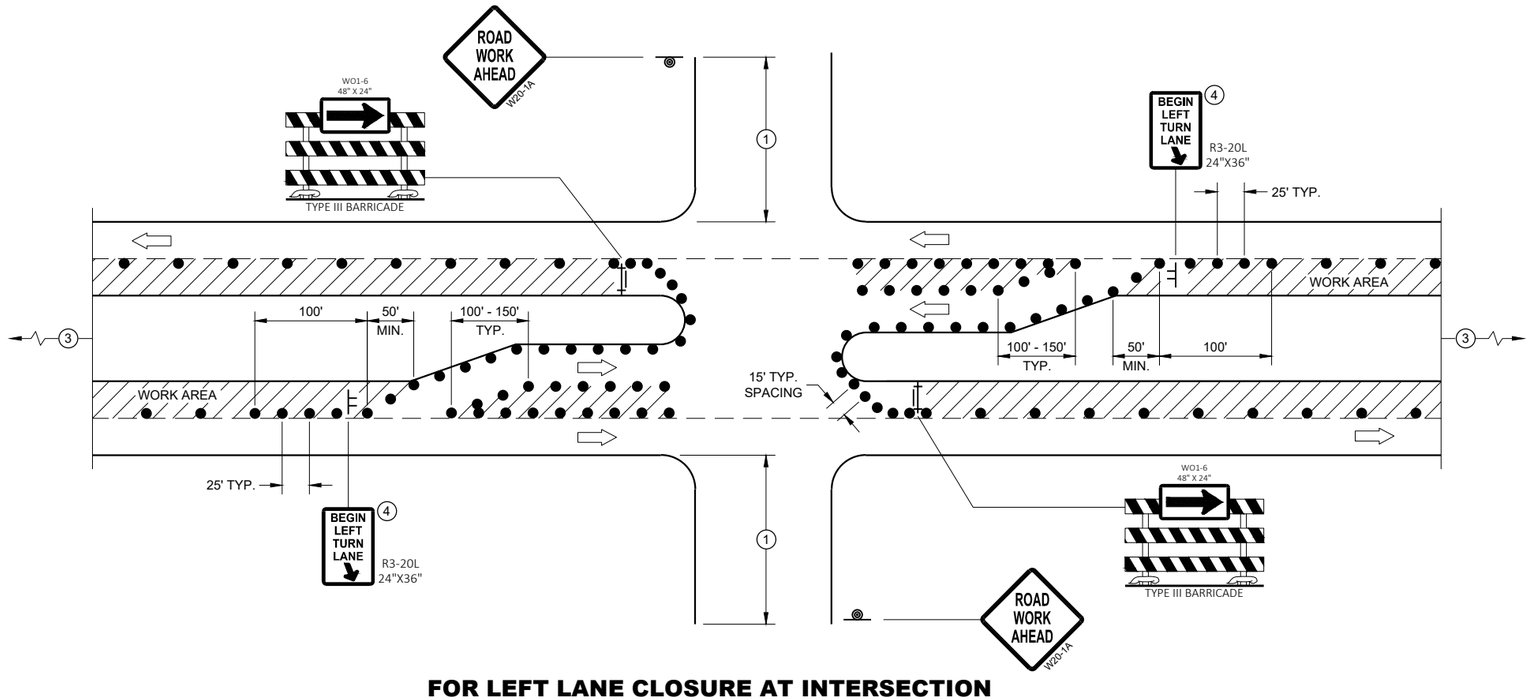
CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

(1) 500' TYPICAL OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.
350' IF 35 - 40 MPH.
200' IF 25 - 30 MPH.

(2) ALSO USE BARRICADE AND 15 FOOT TYPICAL DRUM SPACING AT COMMERCIAL DRIVEWAYS

(3) SEE SEPARATE LANE CLOSURE DETAIL FOR ADDITIONAL TRAFFIC CONTROL.

(4) MINIMUM MOUNTING HEIGHT OF 5 FEET FROM EDGE OF PAVEMENT (AT EDGE LINE LOCATION) TO BOTTOM OF SIGN.



FOR LEFT LANE CLOSURE AT INTERSECTION OR MEDIAN OPENING (WITH LEFT TURN BAY OPEN)

LEGEND

- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TYPE III BARRICADE WITH ATTACHED SIGN
- DIRECTION OF TRAFFIC
- FLAGS, 16" X 16" MIN., ORANGE
- WORK AREA

TRAFFIC CONTROL, INTERSECTION WITHIN SINGLE LEFT LANE CLOSURE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
August 2020
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

6

SDD 15D21 - 07b

6

SDD 15D21 - 07b

LEGEND

- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- DIRECTION OF TRAFFIC
- -X–X–X- REMOVE PAVEMENT MARKING (SEE GENERAL NOTES)
- WORK AREA
- CONNECTED ARROW BOARD
- (S) WZ START LOCATION MARKER
- (E) WZ END LOCATION MARKER

GENERAL NOTES

FOR WORK ON ROADWAYS WITH SPEEDS GREATER THAN 45 MPH, USE SDD 15D14.

THIS LANE CLOSURE DETAIL IS TYPICAL FOR CLOSING THE RIGHT TWO LANES.
FOR CLOSING LEFT TWO LANES, REVERSE THE TRAFFIC CONTROL.

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36"X 36" SIGNS MAY BE USED IF APPROVED BY REGIONAL TRAFFIC UNIT.

"WO" SIGN IS THE SAME AS "W" SIGN EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON COVERED OR "DOWNED" SIGNS.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS OR THAT WILL BE PLACED IN A CLOSED LANE MAY BE MOUNTED ON TEMPORARY SUPPORTS.

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500' DESIRABLE) DISTANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

W20-1A, G20-1 AND G20-2A SIGNS ARE NOT REQUIRED IF THE LANE CLOSURE IS WITHIN A LARGER WORK ZONE WHERE THESE SIGNS ARE ALREADY PRESENT.

REMOVE PAVEMENT MARKINGS AND PLACE TEMPORARY PAVEMENT MARKING LINES IF LANE CLOSURE IS TO BE IN PLACE FOR 4 OR MORE CONTINUOUS DAYS AND NIGHTS.

CONSIDER GEOMETRICS WHEN LOCATING SIGNS AND ARROW BOARDS SO THE APPROACHING DRIVER HAS A CLEAR VIEW OF THE ARROW BOARDS AND LANE CLOSURE DRUMS FOR A MINIMUM 1500 FEET IN FRONT OF DRUMS.

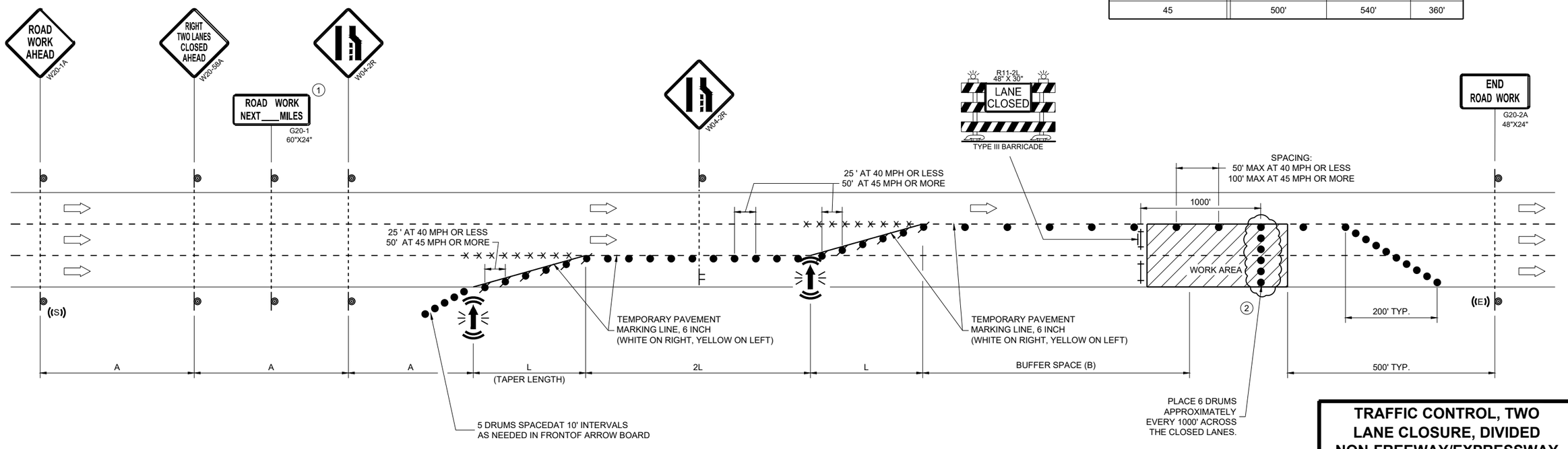
CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

(1) OMIT G20-1 SIGNS IF LENGTH OF WORK AREA IS 2 MILES OR LESS.

(2) DRUMS IN A CLOSED LANE THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY REESTABLISHED UPON COMPLETION OF THE OPERATION, OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

POSTED SPEED LIMIT PRIOR TO WORK STARTING (MPH)	ADVANCE WARNING SIGN SPACING (A) FEET	TAPER LENGTH (12 FT. LANE) (L) FEET	BUFFER SPACE (B) FEET
25	200'	125'	155'
30	200'	180'	200'
35	350'	245'	250'
40	350'	320'	305'
45	500'	540'	360'



TRAFFIC CONTROL, TWO LANE CLOSURE, DIVIDED NON-FREEWAY/EXPRESSWAY

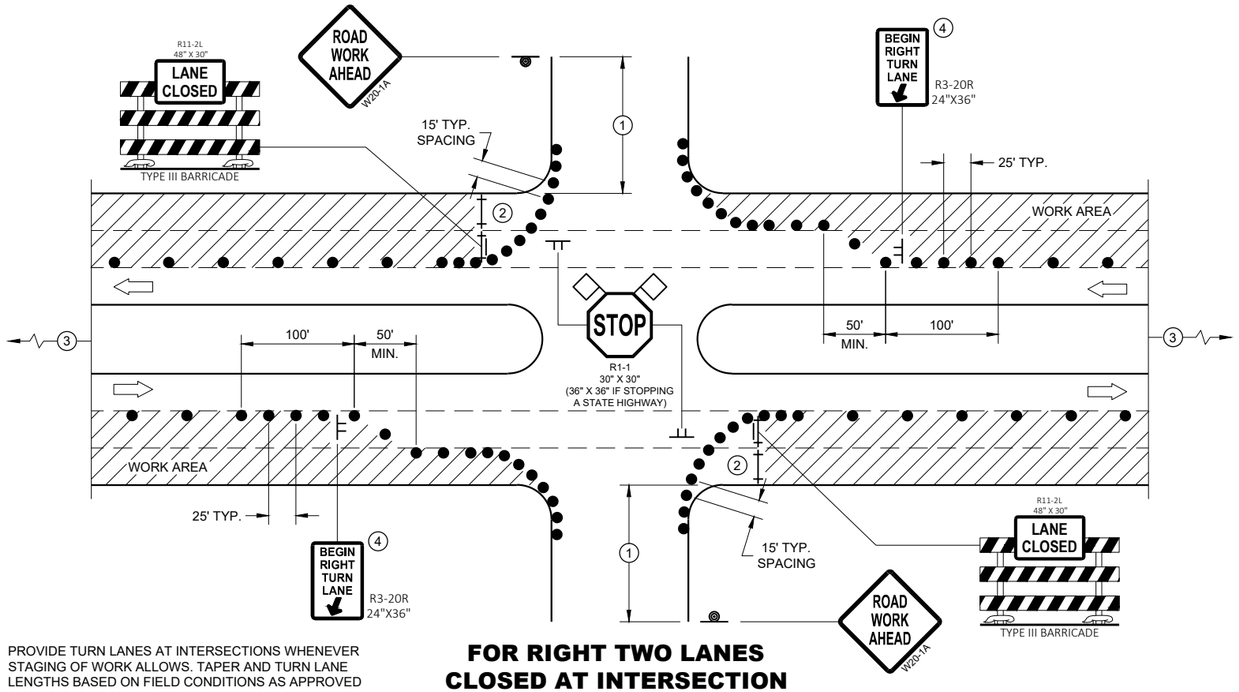
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2025 — DATE
/S/ Andrew Heidtke — WORK ZONE ENGINEER

FHWA

6

SDD 15D22-08



PROVIDE TURN LANES AT INTERSECTIONS WHENEVER STAGING OF WORK ALLOWS. TAPER AND TURN LANE LENGTHS BASED ON FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

FOR RIGHT TWO LANES CLOSED AT INTERSECTION

GENERAL NOTES

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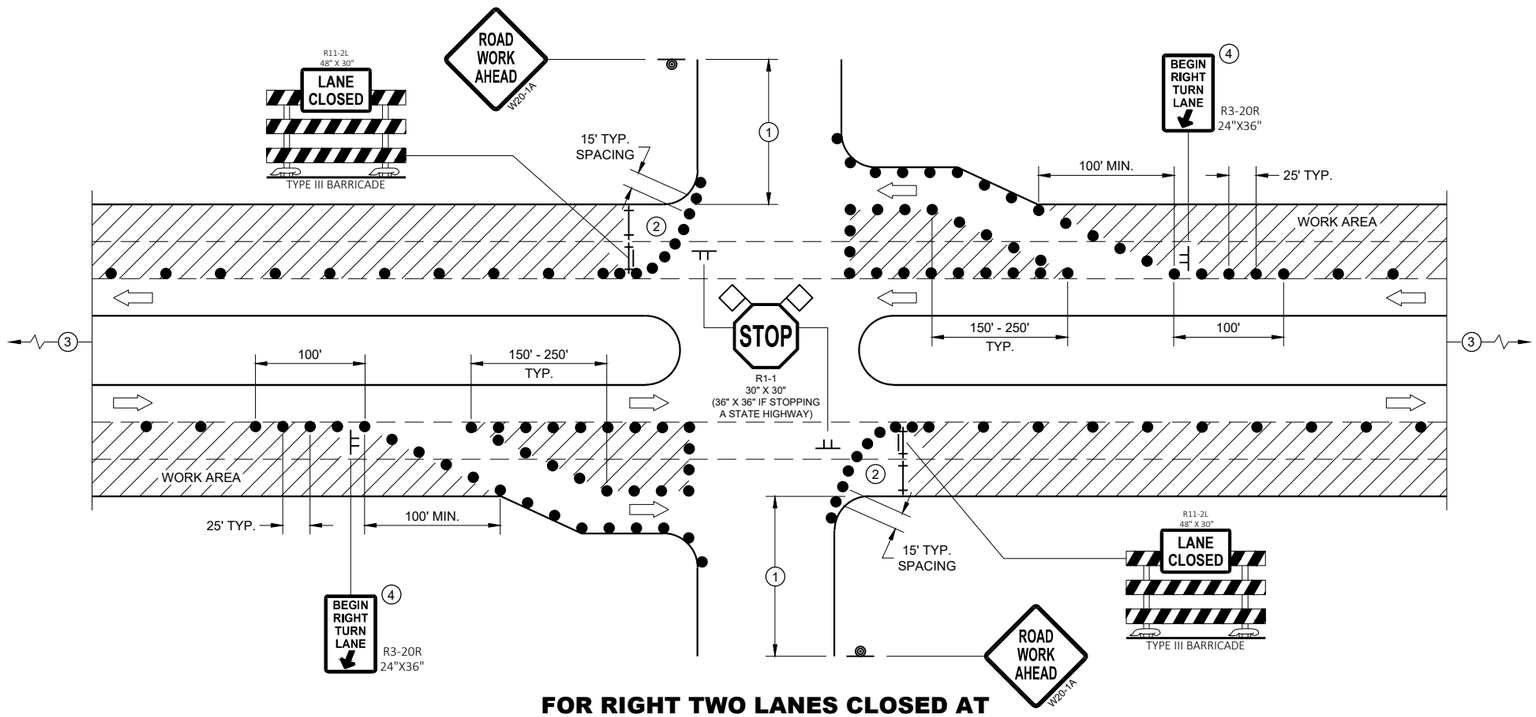
200' IF 25 - 30 MPH.

(2) ALSO USE BARRICADE AND 15 FOOT TYPICAL DRUM SPACING AT COMMERCIAL DRIVEWAYS

(3) SEE SEPARATE LANE CLOSURE DETAIL FOR ADDITIONAL TRAFFIC CONTROL.

(4) MINIMUM MOUNTING HEIGHT OF 5 FEET FROM EDGE OF PAVEMENT (AT EDGE LINE LOCATION) TO BOTTOM OF SIGN.



FOR RIGHT TWO LANES CLOSED AT INTERSECTION (WITH RIGHT TURN BAY OPEN)

LEGEND

- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- DIRECTION OF TRAFFIC
- FLAGS, 16" X 16" MIN., ORANGE
- WORK AREA

TRAFFIC CONTROL, INTERSECTION WITHIN TWO RIGHT LANE CLOSURE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 15D23 - 07a

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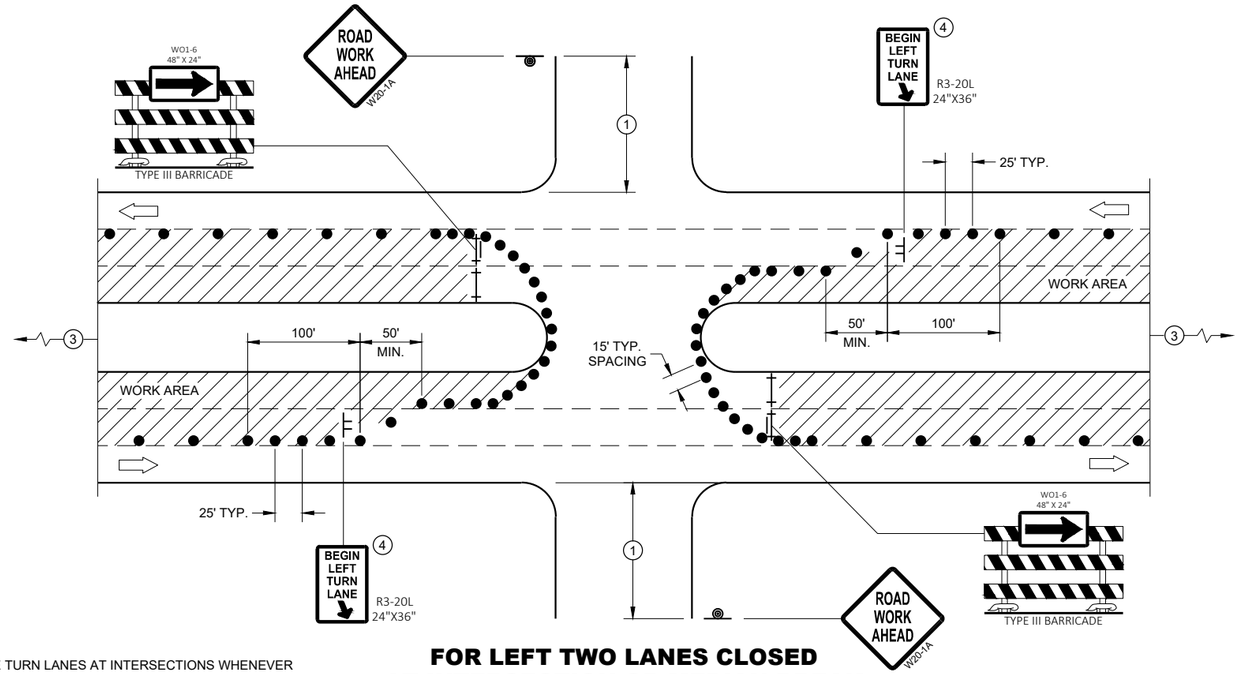
SDD 15D23 - 07a



FOR LEFT TWO LANES CLOSED AT INTERSECTION OR MEDIAN BREAK

PROVIDE TURN LANES AT INTERSECTIONS WHENEVER STAGING OF WORK ALLOWS. TAPER AND TURN LANE LENGTHS BASED ON FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

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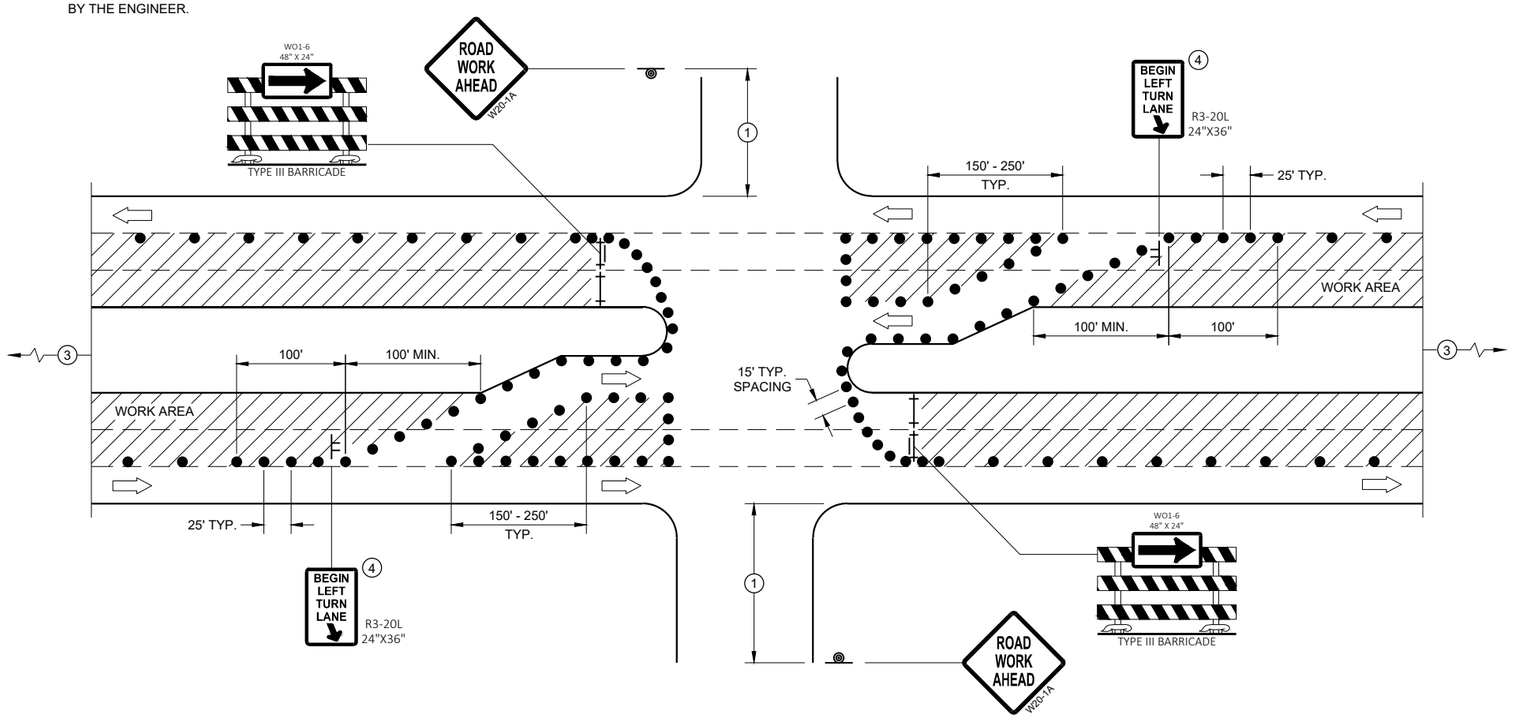

FOR LEFT TWO LANES CLOSED AT INTERSECTION OR MEDIAN BREAK (WITH LEFT TURN BAY OPEN)

LEGEND

- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- DIRECTION OF TRAFFIC
- FLAGS, 16" X 16" MIN., ORANGE
- WORK AREA

TRAFFIC CONTROL, INTERSECTION WITHIN TWO LEFT LANE CLOSURE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
August 2021
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

6

SDD 15D23 - 07b

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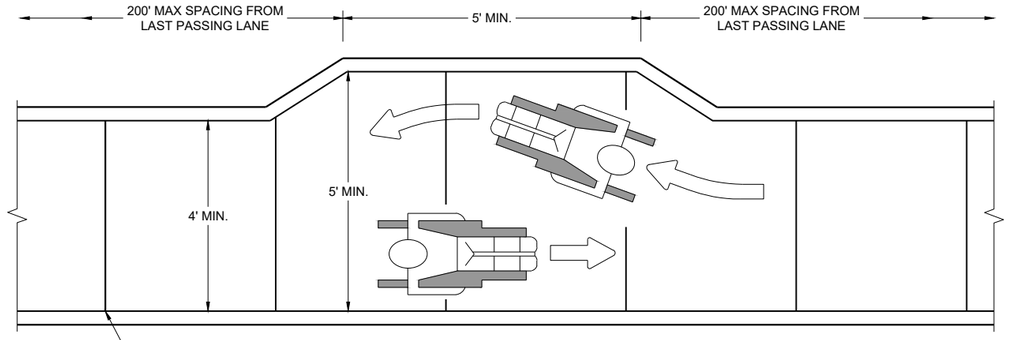
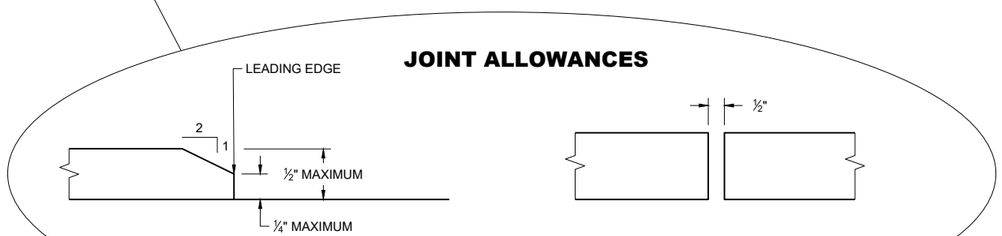
SDD15D23 - 07b



NARROW SIDEWALK PASSING DETAIL



MAXIMUM VERTICAL GAP

MAXIMUM HORIZONTAL GAP

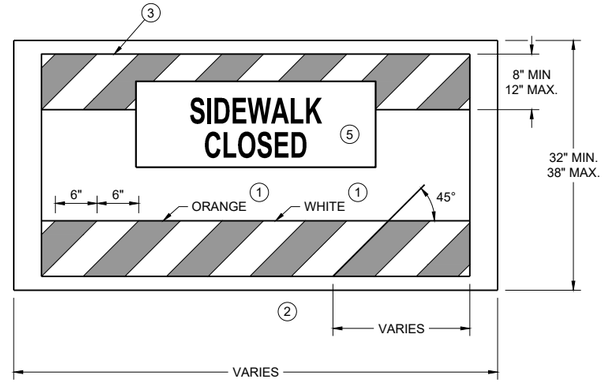
GENERAL NOTES

BARRICADE DEVICE SELECTED FROM APPROVED PRODUCT LIST

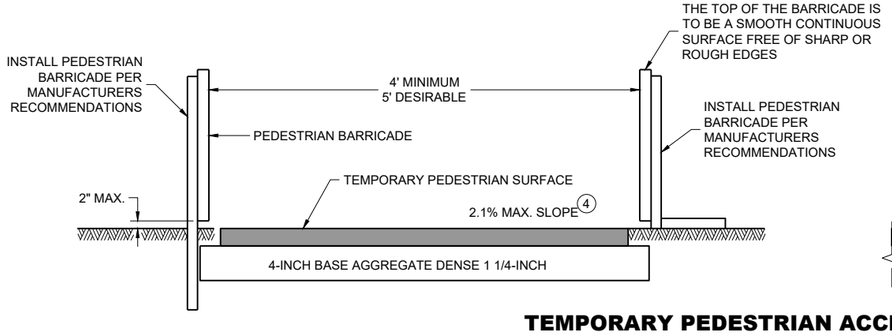
1. REFLECTIVE SHEETING SHALL FOLLOW THE REQUIREMENTS IN THE APPROVED PRODUCTS LISTING FOR SIGN SHEETING.
2. SHEETING REQUIRED ON MORE THAN 50% OF BARRICADE WIDTH.
3. PLACE SHEETING ON BOTH SIDES OF THE BARRICADE.

* USE THIS DETAIL FOR SHEETING PLACEMENT REFERENCE.

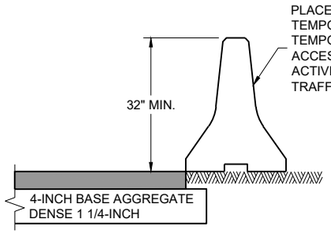
4. WHEN THE TEMPORARY PEDESTRIAN ACCESS ROUTE RUNS PARALLEL ON THE ROADWAY SURFACE, THE MAXIMUM CROSS SLOPE WILL MATCH THE EXISTING ROADWAY CROSS SLOPE.
5. WHERE SIGNS FOR TEMPORARY PEDESTRIAN ACCOMMODATIONS ARE SHOWN BEING PLACED BEHIND TEMPORARY PEDESTRIAN BARRICADE, THE SIGNS MAY BE MOUNTED ON THE TEMPORARY PEDESTRIAN BARRICADE INSTEAD. A CORRUGATED POLYPROPYLENE OR POLYETHYLENE PLASTIC SIGN BASE SHALL BE USED IF MOUNTED ON THE BARRICADE. THE TOP OF THE SIGN SHALL BE MOUNTED BELOW THE TOP OF THE BARRICADE TO ALLOW A CONTINUOUS HAND-TRAILING EDGE.

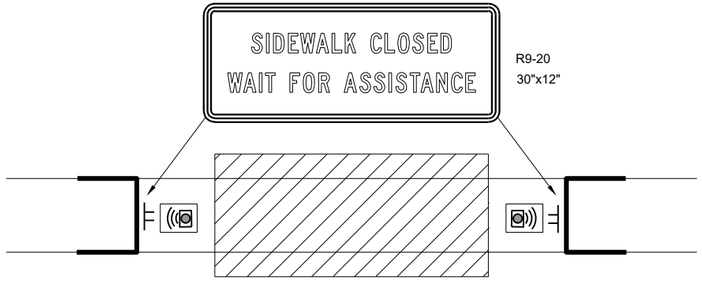


TEMPORARY PEDESTRIAN BARRICADE *



TEMPORARY PEDESTRIAN ACCESS





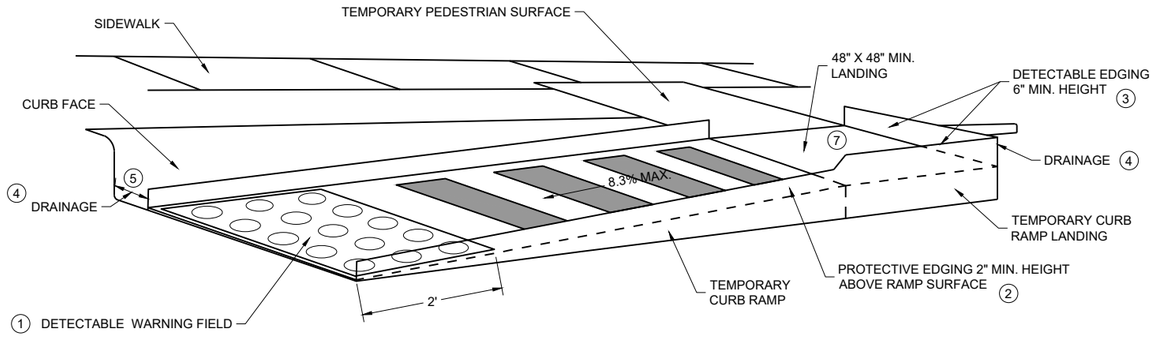
TEMPORARY PEDESTRIAN FLAGGING

LEGEND

- TEMPORARY PEDESTRIAN BARRICADE
- AUDIBLE MESSAGE DEVICE
- TEMPORARY SIGN SUPPORT
- WORK AREA

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



PERSPECTIVE VIEW

GENERAL NOTES

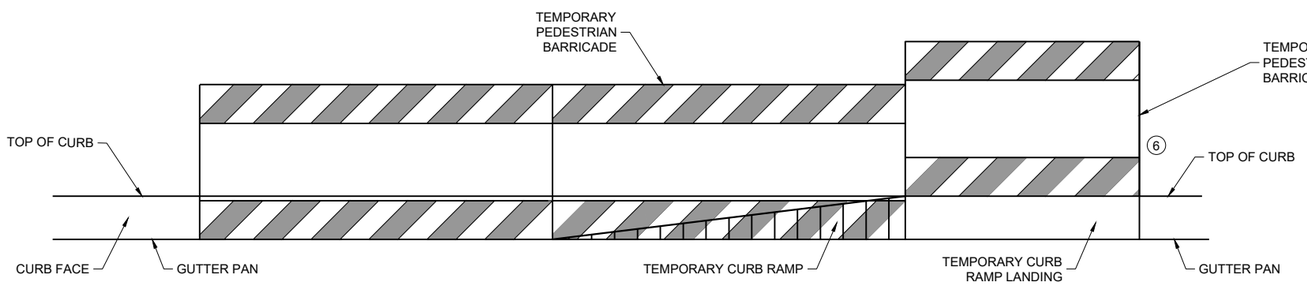
CURB RAMPS SHALL BE 48" MIN. WIDTH WITH A FIRM, STABLE AND SLIP RESISTANT SURFACE.

CURB RAMPS AND LANDINGS SHALL HAVE A 1:48 (2.1%) MAX. CROSS-SLOPE.

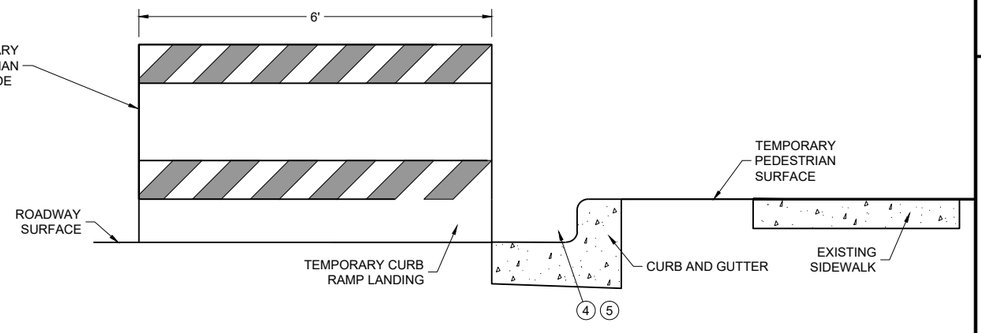
CLEAR SPACE OF 48" X 48" SHALL BE PROVIDED ABOVE AND BELOW THE CURB RAMP.
LATERAL JOINTS OR GAPS BETWEEN SURFACES SHALL BE LESS THAN ½" WIDTH.

CHANGES BETWEEN SURFACE HEIGHTS SHALL NOT EXCEED ½". LATERAL EDGES MAY BE VERTICAL UP TO ¼" HIGH AND SHALL BE BEVELED AT 1:2 BETWEEN ¼" AND ½".

1. INSTALL CONTRASTING TEMPORARY DETECTABLE WARNING FIELD AT PEDESTRIAN STREET CROSSINGS, AS SHOWN IN THE PLANS.
2. PROTECTIVE EDGING WITH A 2" MIN. HEIGHT SHALL BE INSTALLED WHEN A CURB RAMP OR LANDING PLATFORM HAS A VERTICAL DROP OF 6" OR GREATER OR HAS A SIDE APRON SLOPE STEEPER THAN 1:3 (33%). PROTECTIVE EDGING SHOULD BE CONSIDERED WHEN CURB RAMPS OR LANDING PLATFORMS HAVE A VERTICAL DROP OF 3" OR MORE.
3. DETECTABLE EDGING WITH 6" MIN. HEIGHT AND CONTRASTING COLOR SHALL BE INSTALLED ON ALL CURB RAMP LANDINGS WHERE THE WALKWAY CHANGES DIRECTION (TURNS).
4. DO NOT RESTRICT WATER FLOW IN THE GUTTER SYSTEM.
5. ENSURE CURB RAMP IS OUT OF THE GUTTER PAN.
6. IF ONLY PART OF THE END PANEL OF TEMPORARY PEDESTRIAN BARRICADE PANEL IS NEEDED, EXTEND EXCESS PORTION OF TEMPORARY PEDESTRIAN BARRICADE PANEL HERE.
7. LANDING TO BE SLOPED A MAXIMUM OF 2.1% IN ALL DIRECTIONS OF PEDESTRIAN TRAVEL.



FRONT VIEW



SIDE VIEW

TEMPORARY CURB RAMP PARALLEL TO CURB

6

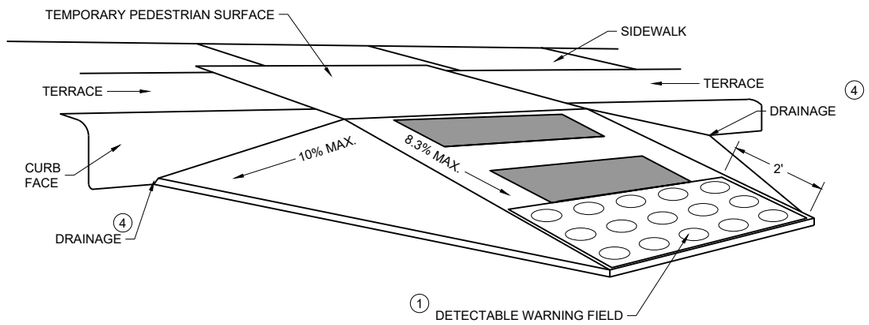
SDD 15D30-12b

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

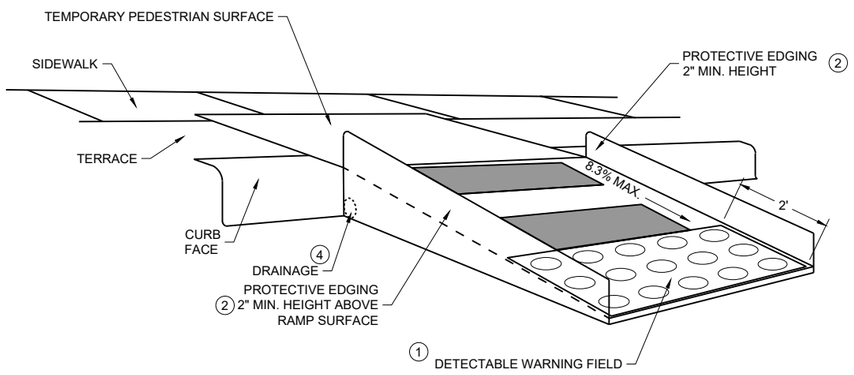
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 15D30-12b



WITH SIDE APRON (5)



WITH PROTECTIVE EDGE

TEMPORARY CURB RAMP PERPENDICULAR TO CURB

GENERAL NOTES

CURB RAMPS SHALL BE 48" MINIMUM WIDTH WITH A FIRM, STABLE AND SLIP RESISTANT SURFACE.

ALTERNATE SIDEWALK WORK BETWEEN LEFT AND RIGHT SIDE OF ROADWAY TO MAINTAIN PEDESTRIAN ACCESS.

CURB RAMPS AND LANDINGS SHALL HAVE A 1:48 (2.1%) MAX. CROSS-SLOPE.

CLEAR SPACE OF 48" X 48" SHALL BE PROVIDED ABOVE AND BELOW THE CURB RAMP.

LATERAL JOINTS OR GAPS BETWEEN SURFACES SHALL BE LESS THAN ½" WIDTH.

CHANGES BETWEEN SURFACE HEIGHTS SHALL NOT EXCEED ½". LATERAL EDGES MAY BE VERTICAL UP TO ¼" HIGH AND SHALL BE BEVELED AT 1:2 BETWEEN ¼" AND ½".

(1) INSTALL CONTRASTING TEMPORARY DETECTABLE WARNING FIELD AT PEDESTRIAN STREET CROSSINGS, AS SHOWN IN THE PLANS

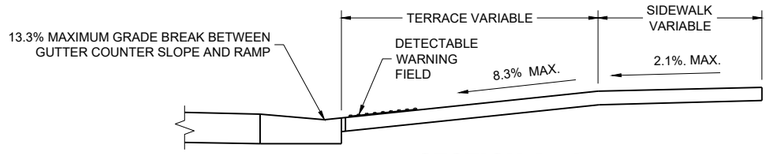
(2) PROTECTIVE EDGING WITH A 2" MIN. HEIGHT SHALL BE INSTALLED WHEN A CURB RAMP OR LANDING PLATFORM HAS A VERTICAL DROP OF 6" OR GREATER OR HAS A SIDE APRON SLOPE STEEPER THAN 1:3 (33%). PROTECTIVE EDGING SHOULD BE CONSIDERED WHEN CURB RAMPS OR LANDING PLATFORMS HAVE A VERTICAL DROP OF 3" OR MORE.

(3) DETECTABLE EDGING WITH 6" MIN. HEIGHT AND CONTRASTING COLOR SHALL BE INSTALLED ON ALL CURB RAMP LANDINGS WHERE THE WALKWAY CHANGES DIRECTION (TURNS).

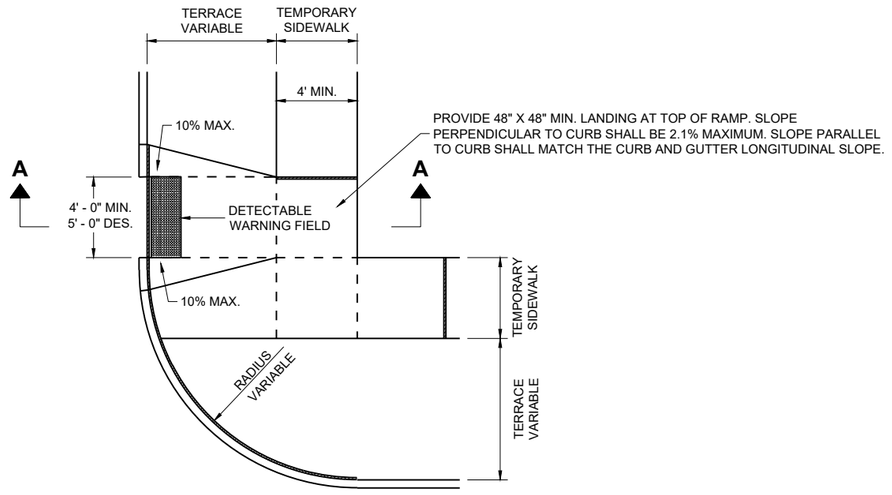
(4) DO NOT RESTRICT WATER FLOW IN THE GUTTER SYSTEM.

(5) CAN ONLY BE USED FOR RAMPS WITH 6" OR LESS OF VERTICAL CHANGE.

GENERAL NOTES



SECTION A - A



PLAN VIEW
TEMPORARY TYPE 3 RAMP
(OUTSIDE OF CROSSWALK AREA)

6

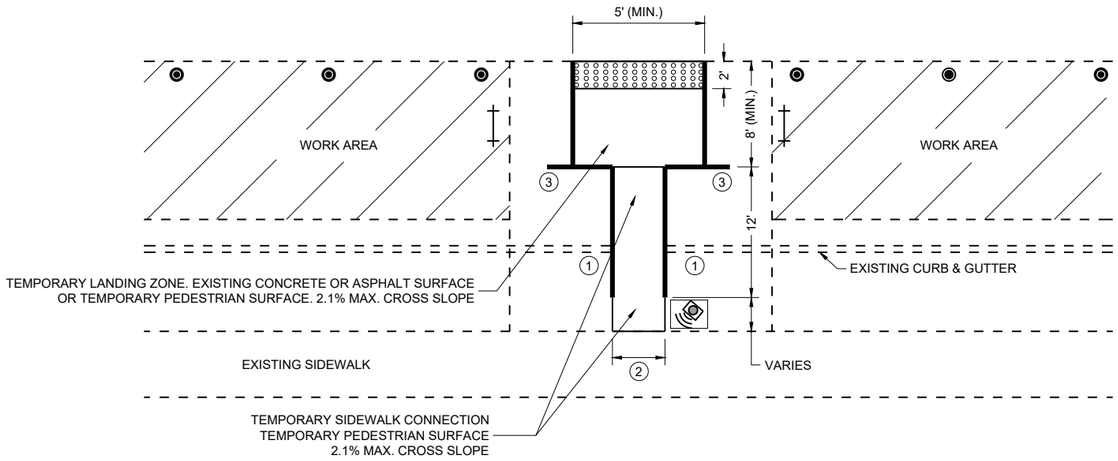
SDD 15D30-12d

TRAFFIC CONTROL,
PEDESTRIAN ACCOMMODATION

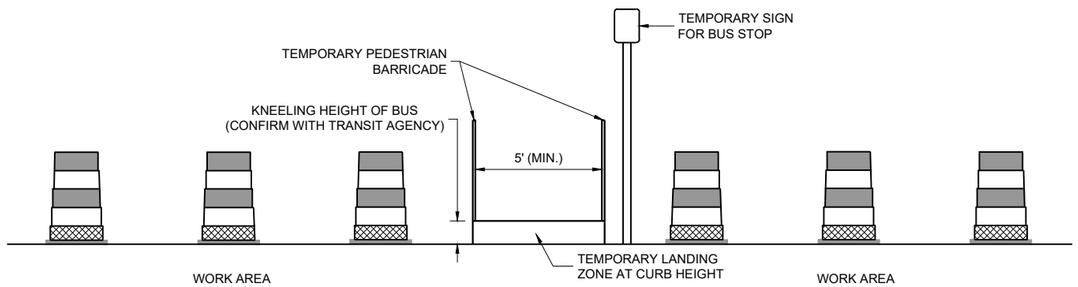
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 15D30-12d



PLAN VIEW



PROFILE VIEW TEMPORARY BUS STOP PAD

GENERAL NOTES

TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG.

NOTIFY THE BUS COMPANY 7 DAYS IN ADVANCE OF THE BUS STOP RELOCATION.

PROTECTIVE EDGING WITH A 2" MIN. HEIGHT SHALL BE INSTALLED WHEN A CURB RAMP OR LANDING PLATFORM HAS A VERTICAL DROP OF 6" OR GREATER OR HAS A SIDE APRON SLOPE STEEPER THAN 1:3 (33%). PROTECTIVE EDGING SHOULD BE CONSIDERED WHEN CURB RAMPS OR LANDING PLATFORMS HAVE A VERTICAL DROP OF 3" OR MORE.

DETECTABLE EDGING WITH 6" MIN. HEIGHT AND CONTRASTING COLOR SHALL BE INSTALLED ON ALL CURB RAMP LANDINGS WHERE THE WALKWAY CHANGES DIRECTION (TURNS).

LATERAL JOINTS OR GAPS BETWEEN SURFACES SHALL BE LESS THAN ½" WIDTH.

CHANGES BETWEEN SURFACE HEIGHTS SHALL NOT EXCEED ½". LATERAL EDGES MAY BE VERTICAL UP TO ¼" HIGH AND SHALL BE BEVELED AT 1:2 BETWEEN ¼" AND ½".

CURB RAMPS AND LANDINGS SHALL HAVE A 1:48 (2.1%) MAX. CROSS-SLOPE.

(1) DO NOT RESTRICT WATER FLOW IN THE GUTTER SYSTEM.

(2) 5' WIDE MIN. WITH TEMPORARY PEDESTRIAN BARRICADE, 10' WIDE MIN. WITHOUT TEMPORARY PEDESTRIAN BARRICADE.

(3) PLACE EXCESS PORTION OF TEMPORARY PEDESTRIAN BARRICADE INTO THIS SPACE.

LEGEND

- TRAFFIC CONTROL DRUM
- TYPE III BARRICADE
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY DETECTABLE WARNING FIELD
- WORK AREA
- TEMPORARY AUDIBLE MESSAGE DEVICE (EXACT PLACEMENT BASED UPON FIELD CONDITIONS)

6

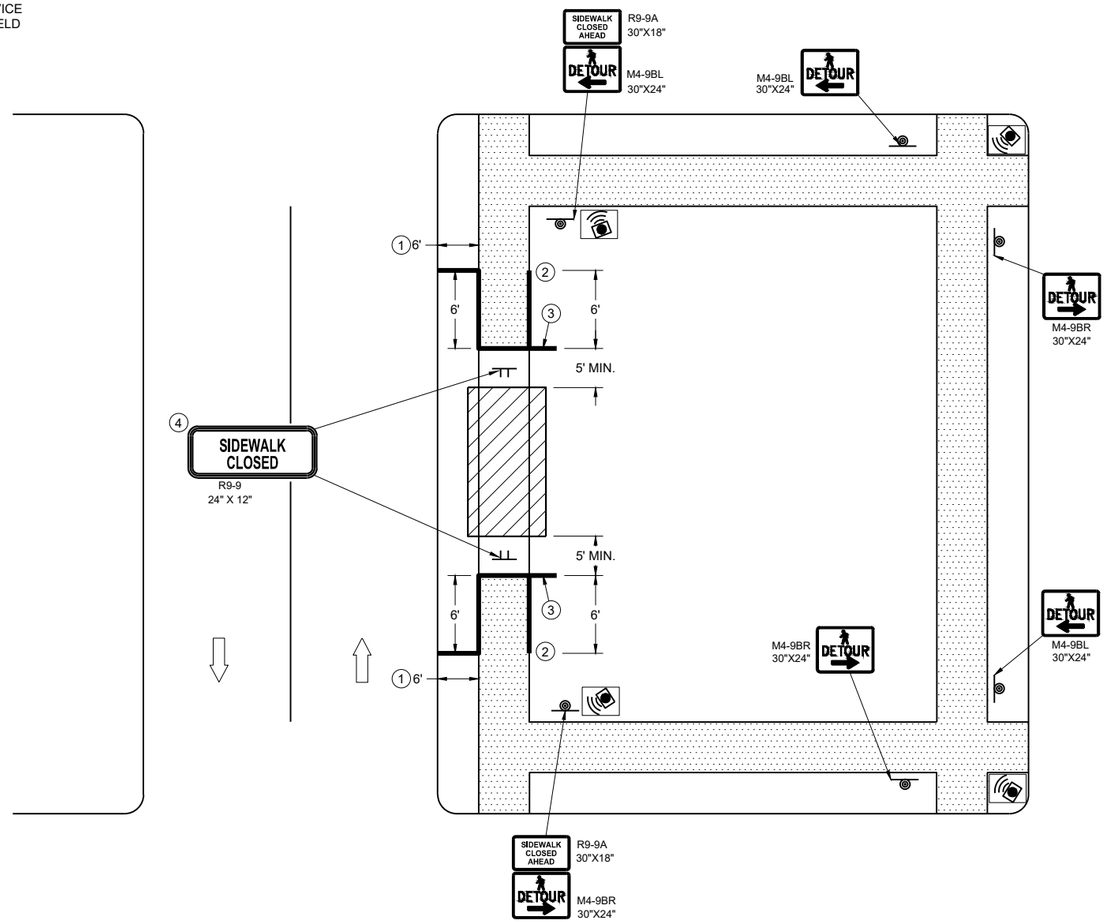
SDD 15D30-12e

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

LEGEND

- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- UNDER PEDESTRIAN TRAFFIC
- WORK AREA
- TEMPORARY PEDESTRIAN BARRICADE
- DIRECTION OF TRAFFIC
- TEMPORARY AUDIBLE MESSAGE DEVICE (EXACT PLACEMENT BASED UPON FIELD CONDITIONS)



SIDEWALK DETOUR, SIDEWALK ONLY ON ONE SIDE

GENERAL NOTES

WHERE TEMPORARY BARRICADE RUNS PARALLEL ALONG SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

SIGNS THAT REMAIN IN PLACE LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

PLACE TEMPORARY PEDESTRIAN BARRICADE TO FIT FIELD CONDITIONS, AVOIDING CONFLICTS WITH DRIVEWAYS AND OTHER EXISTING FEATURES.

1. IF TERRACE IS LESS THAN 6 FEET WIDE, OMIT TEMPORARY PEDESTRIAN BARRICADE FROM THE SIDEWALK TO THE CURB.
2. PLACE BARRICADE CLOSURE SO THAT THE TEMPORARY PEDESTRIAN BARRICADE END IS AT THE LAST OPEN SIDEWALK ACCESS TO RESIDENCES OR BUSINESSES BEFORE THE SIDEWALK CLOSURE.
3. IF TEMPORARY PEDESTRIAN BARRICADE PANEL IS WIDER THAN THE SIDEWALK WIDTH, THE PORTION OF EXCESS PANEL SHOULD EXTEND INTO THE TERRACE.
4. MOUNTING HEIGHT OF 5 FEET FROM THE SURFACE TO THE BOTTOM OF SIGN.

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 15D30-12f

LEGEND

SIGN ON TEMPORARY SUPPORT

WORK AREA

UNDER PEDESTRIAN TRAFFIC

TEMPORARY PEDESTRIAN SURFACE

TEMPORARY PEDESTRIAN BARRICADE

OPTIONAL TEMPORARY PEDESTRIAN BARRICADE

DIRECTION OF TRAFFIC

GENERAL NOTES

TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG.

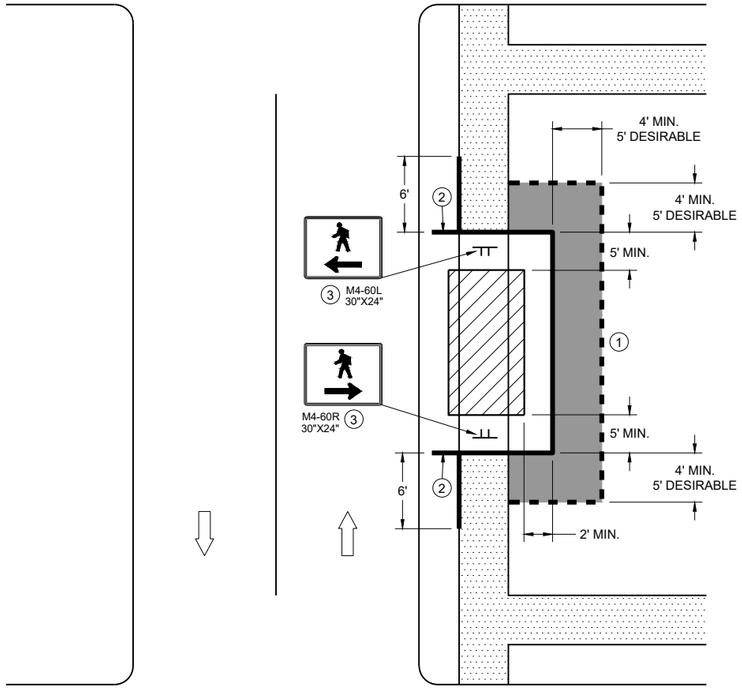
WHERE TEMPORARY BARRICADE RUNS PARALLEL ALONG SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

SIGNS THAT REMAIN IN PLACE LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

(1) USE TEMPORARY PEDESTRIAN BARRICADE TO SEPARATE PEDESTRIANS FROM DROP OFFS OR FOR ADDITIONAL PEDESTRIAN CHANNELIZATION.

(2) IF TEMPORARY PEDESTRIAN BARRICADE PANEL IS WIDER THAN THE SIDEWALK WIDTH, THE PORTION OF EXCESS PANEL SHOULD EXTEND INTO THE TERRACE.

(3) MOUNTING HEIGHT OF 5 FEET FROM THE SURFACE TO THE BOTTOM OF SIGN.



SIDEWALK BYPASS
SINGLE SIDE

6

SDD 15D30-12g

TRAFFIC CONTROL,
PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

LEGEND

- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- UNDER PEDESTRIAN TRAFFIC
- TEMPORARY CURB RAMP
- TEMPORARY PEDESTRIAN SURFACE "A"
- TEMPORARY PEDESTRIAN SURFACE "B"
- TEMPORARY PEDESTRIAN BARRICADE
- DIRECTION OF TRAFFIC

GENERAL NOTES

TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG.

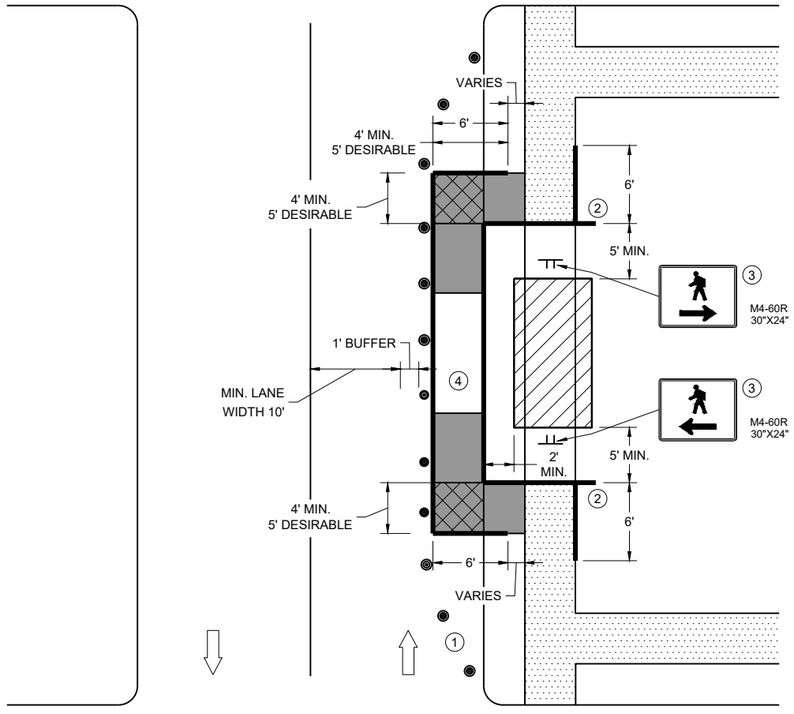
WHERE TEMPORARY BARRICADE RUNS PARALLEL ALONG SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

(1) SHOULDER OR LANE CLOSURE ADVANCE WARNING AND BUFFER SPACE REQUIRED.

(2) PLACE EXCESS PORTION OF TEMPORARY PEDESTRIAN BARRICADE PANEL PAST THE SIDEWALK ON THE SIDE AWAY FROM THE ROAD.

(3) MOUNTING HEIGHT OF 5 FEET FROM THE SURFACE TO THE BOTTOM OF SIGN.

(4) USE EXISTING PAVEMENT SURFACE. IF EXISTING PAVEMENT SURFACE HAS BEEN REMOVED, USE A TEMPORARY PEDESTRIAN SURFACE. WHEN THE TEMPORARY PEDESTRIAN ACCESS ROUTE RUNS PARALLEL ON THE ROADWAY SURFACE, THE MAXIMUM CROSS SLOPE WILL MATCH THE EXISTING ROADWAY CROSS SLOPE.



SIDEWALK BYPASS, SINGLE SIDE

6

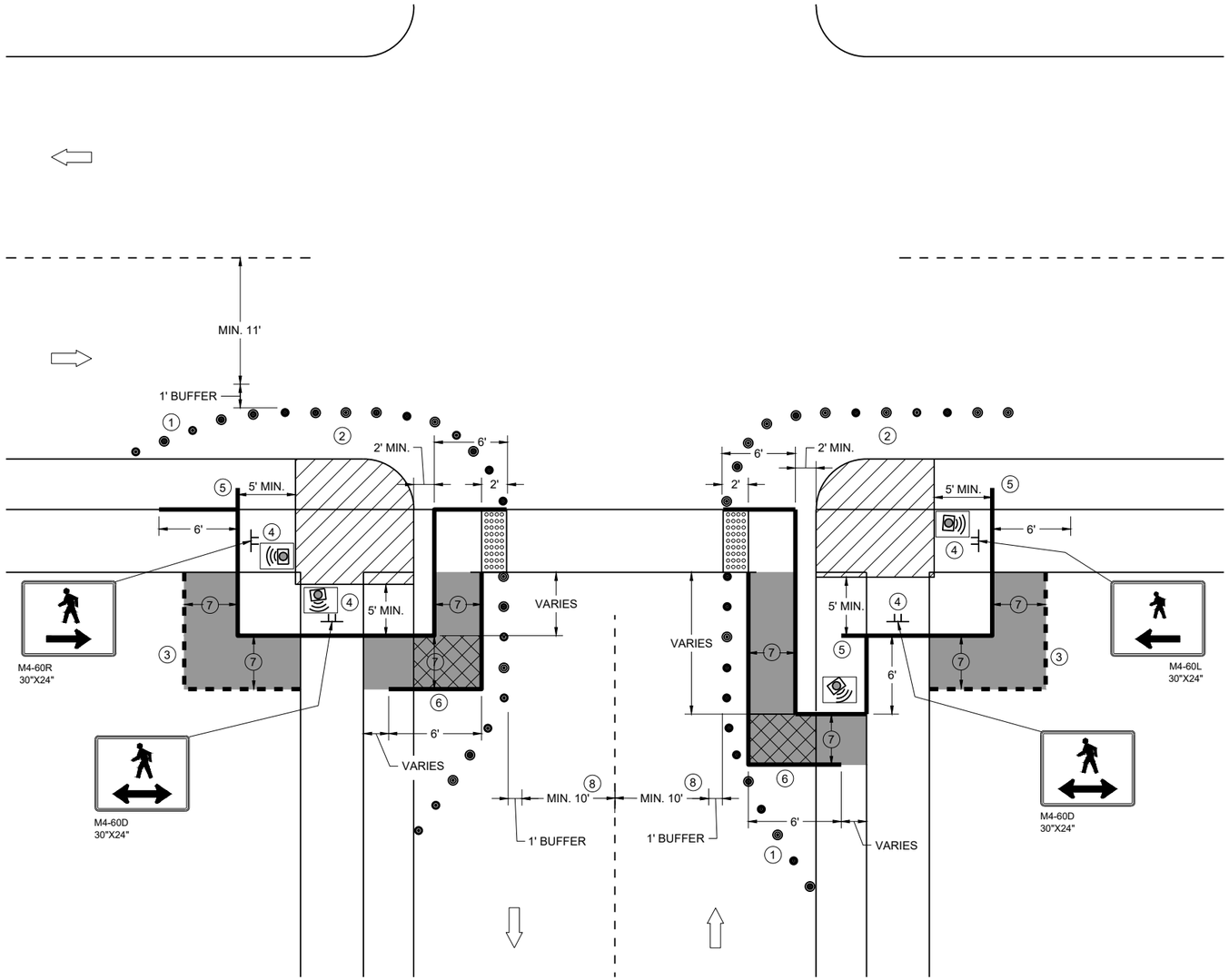
SDD 15D30-12h

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 15D30-12h



CURB RAMP PEDESTRIAN TRAFFIC CONTROL
SIDEWALK ON SINGLE SIDE

GENERAL NOTES

IF PEDESTRIAN PUSH BUTTONS ARE PRESENT ON THE EXISTING FACILITY, ENSURE THEY ARE MAINTAINED/ACCESSIBLE FOR PEDESTRIAN USE THROUGHOUT THE TEMPORARY PEDESTRIAN ACCOMMODATIONS.

TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG

WHEN TEMPORARY PEDESTRIAN BARRICADE RUNS PARALLEL ALONG THE SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

WHEN THE TEMPORARY PEDESTRIAN ACCESS ROUTE RUNS PARALLEL ON THE ROADWAY SURFACE, THE MAXIMUM CROSS SLOPE WILL MATCH THE EXISTING ROADWAY CROSS SLOPE.

1. SHOULDER OR LANE CLOSURE ADVANCE WARNING AND PROPER BUFFER SPACE REQUIRED.
2. PROVIDE ADEQUATE SPACE FOR CONTRACTOR OPERATIONS
3. USE TEMPORARY PEDESTRIAN BARRICADE TO SEPARATE PEDESTRIANS FROM DROP OFFS OR FOR ADDITIONAL PEDESTRIAN CHANNELIZATION.
4. MOUNTING HEIGHT OF 5 FEET FROM SIDEWALK SURFACE TO BOTTOM OF SIGN.
5. PLACE EXCESS PORTION OF TEMPORARY PEDESTRIAN BARRICADE PANEL IN THE SIDEWALK TERRACE.
6. IF TEMPORARY PEDESTRIAN BARRICADE DOES NOT REACH THE FACE OF THE CURB, USE AN ADDITIONAL PANEL AND EXTEND INTO THE TERRACE.
7. 4 FEET MINIMUM, 5 FEET DESIRABLE
8. IF MINIMUM LANE WIDTHS CAN'T BE ATTAINED, CURB RAMPS MAY NEED TO BE CONSTRUCTED AT SEPARATE TIMES.

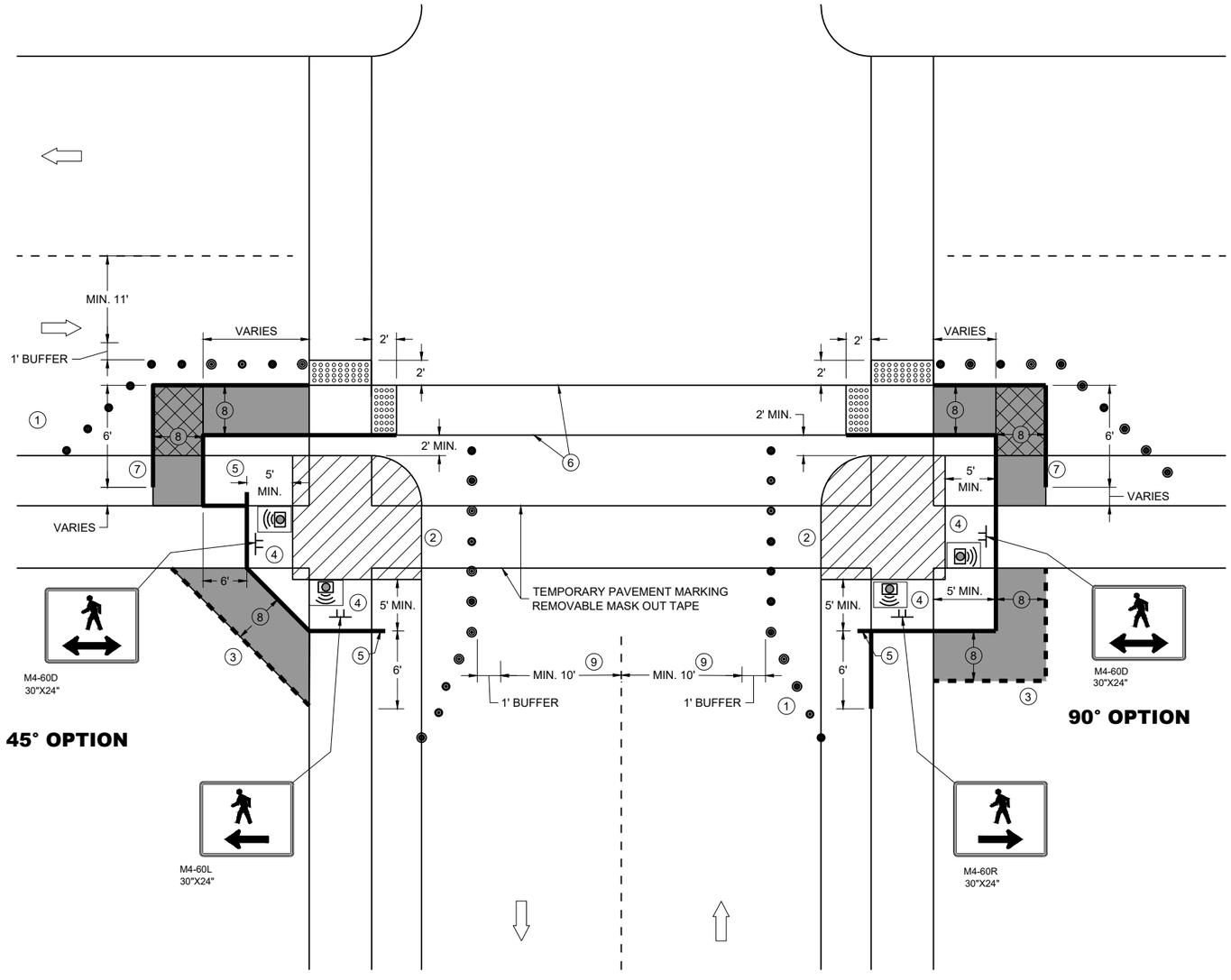
LEGEND

- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- TEMPORARY CURB RAMP
- TEMPORARY PEDESTRIAN SURFACE "A"
- TEMPORARY PEDESTRIAN SURFACE "B"
- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN BARRICADE
- OPTIONAL TEMPORARY PEDESTRIAN BARRICADE
- DIRECTION OF TRAFFIC
- TEMPORARY AUDIBLE MESSAGE DEVICE (EXACT PLACEMENT BASED UPON FIELD CONDITIONS)

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6
SDD 15D30-12i



CURB RAMP PEDESTRIAN TRAFFIC CONTROL

GENERAL NOTES

IF PEDESTRIAN PUSH BUTTONS ARE PRESENT ON THE EXISTING FACILITY, ENSURE THEY ARE MAINTAINED/ACCESSIBLE FOR PEDESTRIAN USE THROUGHOUT THE TEMPORARY PEDESTRIAN ACCOMMODATIONS.

TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG

WHEN TEMPORARY PEDESTRIAN BARRICADE RUNS PARALLEL ALONG THE SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

WHEN THE TEMPORARY PEDESTRIAN ACCESS ROUTE RUNS PARALLEL ON THE ROADWAY SURFACE, THE MAXIMUM CROSS SLOPE WILL MATCH THE EXISTING ROADWAY CROSS SLOPE.

(1) SHOULDER OR LANE CLOSURE ADVANCE WARNING AND PROPER BUFFER SPACE REQUIRED.

(2) PROVIDE ADEQUATE SPACE FOR CONTRACTOR OPERATIONS

(3) USE TEMPORARY PEDESTRIAN BARRICADE TO SEPARATE PEDESTRIANS FROM DROP OFFS OR FOR ADDITIONAL PEDESTRIAN CHANNELIZATION.

(4) MOUNTING HEIGHT OF 5 FEET FROM SIDEWALK SURFACE TO BOTTOM OF SIGN.

(5) PLACE EXCESS PORTION OF TEMPORARY PEDESTRIAN BARRICADE PANEL IN THE SIDEWALK TERRACE.

(6) WHITE 6" TEMPORARY PAVEMENT MARKING

(7) IF TEMPORARY PEDESTRIAN BARRICADE DOES NOT REACH THE FACE OF THE CURB, USE AN ADDITIONAL PANEL AND EXTEND INTO THE TERRACE.

(8) 4 FEET MINIMUM, 5 FEET DESIRABLE

(9) IF MINIMUM LANE WIDTHS CAN'T BE ATTAINED, CURB RAMPS MAY NEED TO BE CONSTRUCTED AT SEPARATE TIMES.

LEGEND

- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- TEMPORARY CURB RAMP
- TEMPORARY PEDESTRIAN SURFACE "A"
- TEMPORARY PEDESTRIAN SURFACE "B"
- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN BARRICADE
- OPTIONAL TEMPORARY PEDESTRIAN BARRICADE
- DIRECTION OF TRAFFIC
- TEMPORARY AUDIBLE MESSAGE DEVICE (EXACT PLACEMENT BASED UPON FIELD CONDITIONS)

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6
SDD 15D30-12j

LEGEND

SIGN ON PERMANENT SUPPORT

SIGN ON TEMPORARY SUPPORT

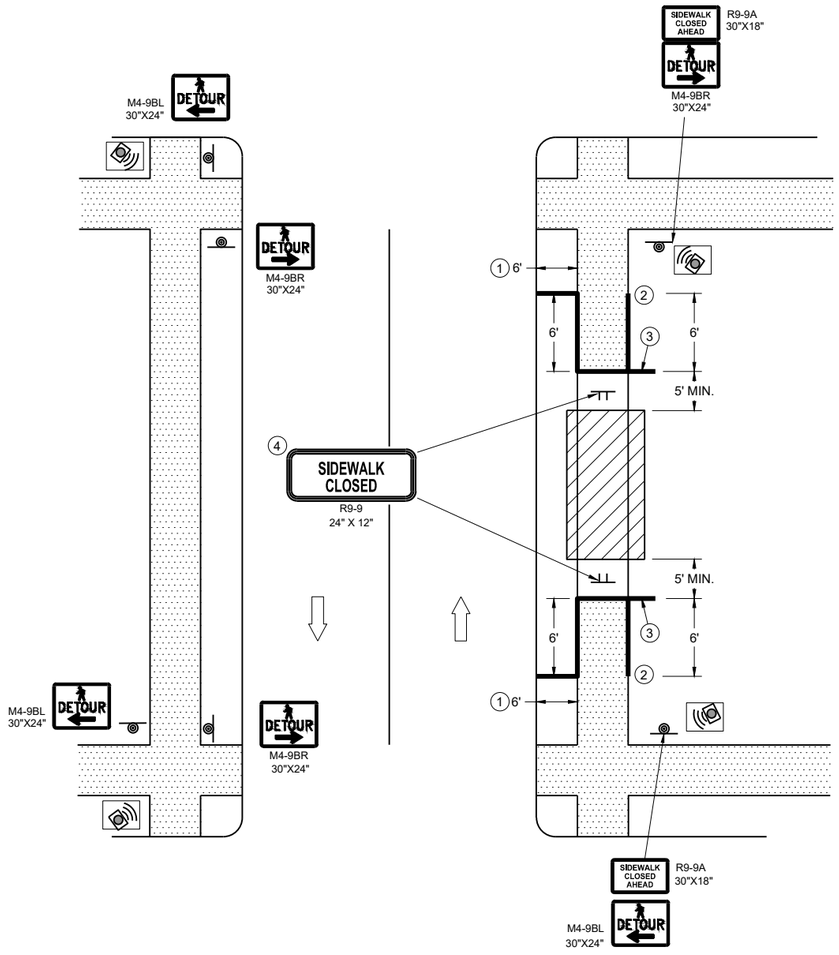
UNDER PEDESTRIAN TRAFFIC

WORK AREA

TEMPORARY PEDESTRIAN BARRICADE

DIRECTION OF TRAFFIC

TEMPORARY AUDIBLE MESSAGE DEVICE (EXACT PLACEMENT BASED UPON FIELD CONDITIONS)



SIDEWALK DETOUR, SIDEWALK ON BOTH SIDES

GENERAL NOTES

WHERE TEMPORARY BARRICADE RUNS PARALLEL ALONG SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

SIGNS THAT REMAIN IN PLACE LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

PLACE TEMPORARY PEDESTRIAN BARRICADE TO FIT FIELD CONDITIONS, AVOIDING CONFLICT WITH DRIVEWAYS AND OTHER EXISTING FEATURES.

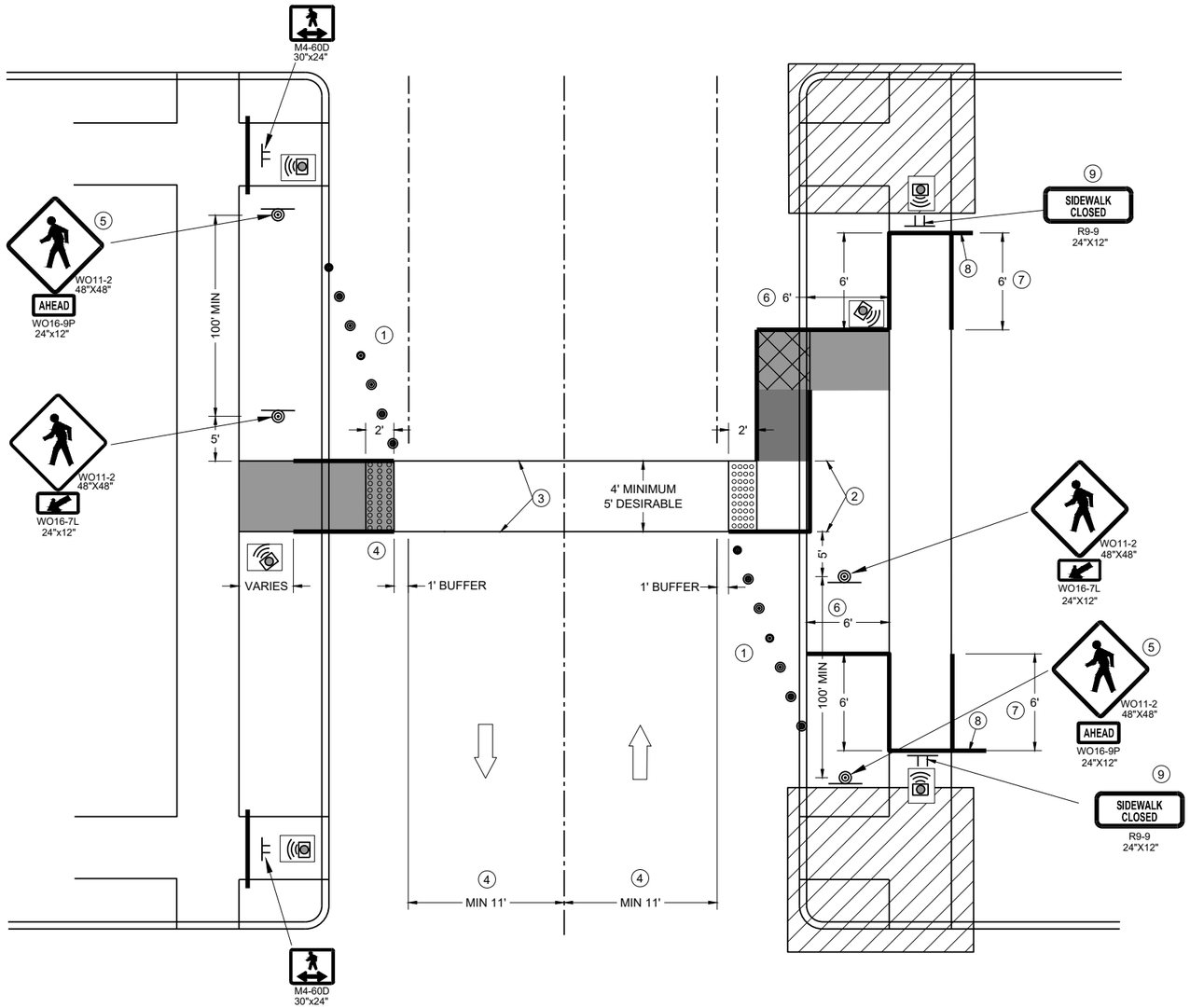
1. IF TERRACE IS LESS THAN 6 FEET WIDE, OMIT TEMPORARY PEDESTRIAN BARRICADE FROM THE SIDEWALK TO THE CURB.
2. PLACE BARRICADE CLOSURE SO THAT THE TEMPORARY PEDESTRIAN BARRICADE END IS AT THE LAST OPEN SIDEWALK ACCESS TO RESIDENCES OR BUSINESSES BEFORE THE SIDEWALK CLOSURE.
3. IF TEMPORARY PEDESTRIAN BARRICADE PANEL IS WIDER THAN THE SIDEWALK WIDTH, THE PORTION OF EXCESS PANEL SHOULD EXTEND INTO THE TERRACE.
4. MOUNTING HEIGHT OF 5 FEET FROM THE SURFACE TO THE BOTTOM OF SIGN.

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 15D30-12k



TEMPORARY PEDESTRIAN CROSSING

GENERAL NOTES

TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG.

SEE OTHER PEDESTRIAN ACCOMMODATION DETAILS FOR SIGNING AND DEVICES FOR DIFFERENT PEDESTRIAN FACILITIES CLOSURES.

WHEN THE TEMPORARY PEDESTRIAN ACCESS ROUTE RUNS PARALLEL ON THE ROADWAY SURFACE, THE MAXIMUM CROSS SLOPE WILL MATCH THE EXISTING ROADWAY CROSS SLOPE.

1. SHOULDER OR LANE CLOSURE ADVANCED WARNING AND PROPER BUFFER SPACE REQUIRED.
2. 4 FEET MINIMUM, 5 FEET DESIRABLE.
3. WHITE 6" TEMPORARY PAVEMENT MARKING.
4. IF MINIMUM LANE WIDTHS CAN'T BE ATTAINED, PERPENDICULAR CURB RAMPS MAY NEED TO BE UTILIZED.
5. IF MINIMUM 100' SPACING FROM THE MID-BLOCK CROSSING CANNOT BE ATTAINED BEFORE THE INTERSECTION, REMOVE THIS SIGN ASSEMBLY.
6. IF TERRACE IS LESS THAN 6 FEET WIDE, OMIT TEMPORARY PEDESTRIAN BARRICADE FROM THE SIDEWALK TO THE CURB.
7. PLACE BARRICADE CLOSURE SO THAT THE TEMPORARY PEDESTRIAN BARRICADE END IS AT THE LAST OPEN SIDEWALK ACCESS TO RESIDENCES OR BUSINESSES BEFORE THE SIDEWALK CLOSURE.
8. IF TEMPORARY PEDESTRIAN BARRICADE PANEL IS WIDER THAN THE SIDEWALK WIDTH, THE PORTION OF THE EXCESS PANEL SHOULD EXTEND INTO THE TERRACE.
9. MOUNTING HEIGHT OF 5 FEET FROM THE SURFACE TO THE BOTTOM OF THE SIGN.

LEGEND

- TRAFFIC CONTROL DRUM
- SIGN ON TEMPORARY SUPPORT
- TEMPORARY CURB RAMP
- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN SURFACE "A"
- TEMPORARY PEDESTRIAN SURFACE "B"
- WORK AREA
- TEMPORARY PEDESTRIAN BARRICADE
- DIRECTION OF TRAFFIC
- TEMPORARY AUDIBLE MESSAGE DEVICE (EXACT PLACEMENT BASED UPON FIELD CONDITIONS)

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2025 — DATE
/S/ Andrew Heidtke — WORK ZONE ENGINEER

FHWA

6

SDD 15D30-12I

LEGEND

- TYPE III BARRICADE WITH ATTACHED SIGN
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TYPE "A" WARNING LIGHT (FLASHING)
- DIRECTION OF TRAFFIC
- WORK AREA

POSTED SPEED LIMIT PRIOR TO WORK STARTING (MPH)	ADVANCE WARNING SIGN SPACING (A) FEET	SHIFTING TAPER L/2 W, LATERAL OFFSET (FT)					
		3	4	5	6	7	8
25	200	10	14	17	21	24	28
30	200	15	20	25	30	35	40
35	350	20	27	34	40	47	54
40	350	26	35	44	53	62	70
45	500	45	59	74	89	104	119
50	500	50	66	83	99	116	132
55	500	54	73	91	109	127	145

GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

ALL SIGNS ARE 48"x48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36"x36" SIGNS MAY BE USED IF APPROVED BY THE REGIONAL TRAFFIC UNIT.

"WO" IS THE SAME AS "W" EXCEPT THE BACKGROUND IS ORANGE.

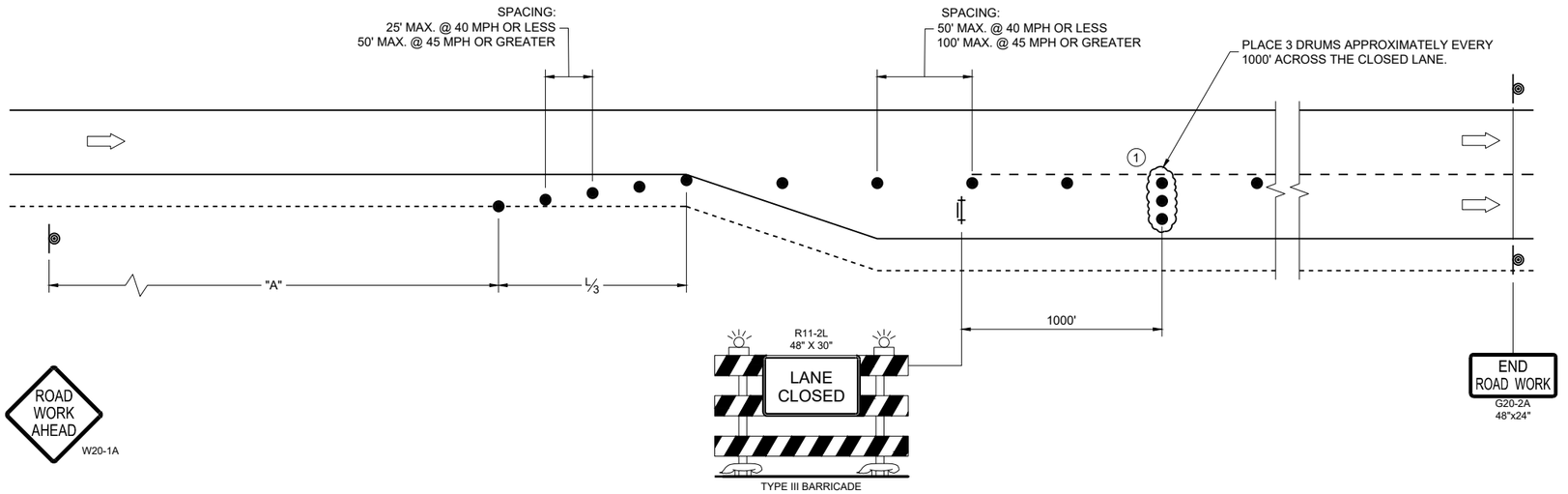
ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

W20-1 AND G20-2A SIGNS ARE NOT REQUIRED IF THE WORK AREA IS WITHIN A LARGER WORK ZONE WHERE THESE SIGNS ARE ALREADY PRESENT. G20-2A SIGNS MAY ALSO BE OMITTED IF DURATION WORK IS LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS.

(1) DRUMS IN A CLOSED LANE THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY REESTABLISHED UPON COMPLETION OF THE OPERATION, OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.



TRAFFIC CONTROL
ADDED LANE CLOSURE
WITHOUT LANE SHIFT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

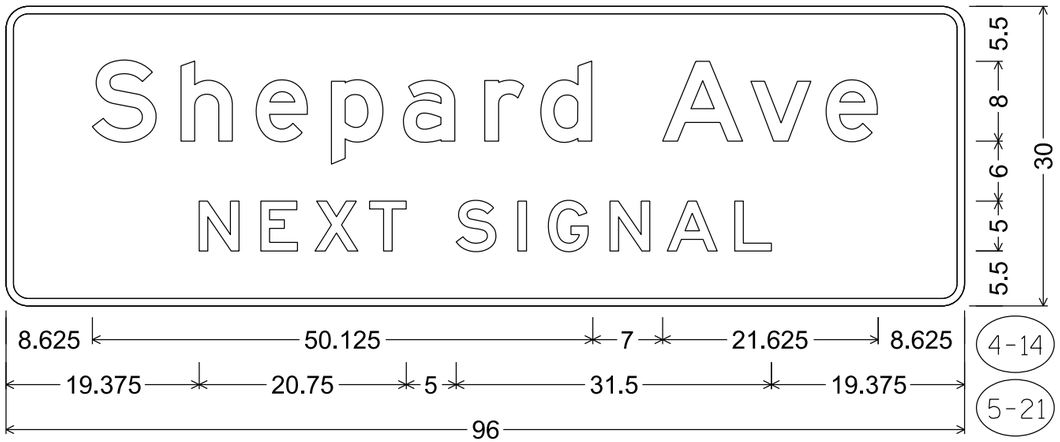
APPROVED
February 2025 — DATE
/S/ Andrew Heidtke — WORK ZONE ENGINEER

FHWA

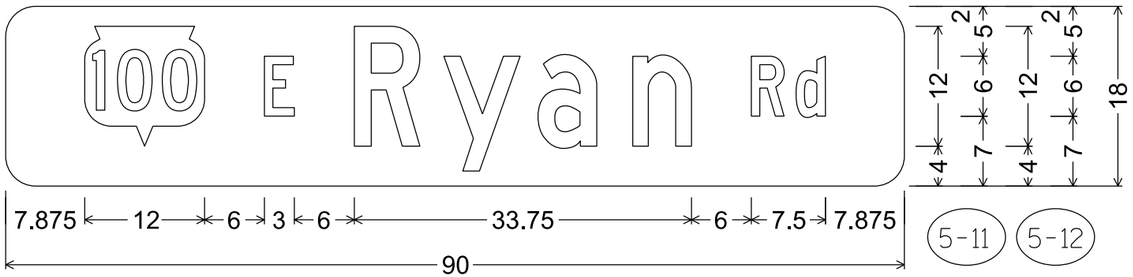
6
SDD 15D50-04a

NOTES

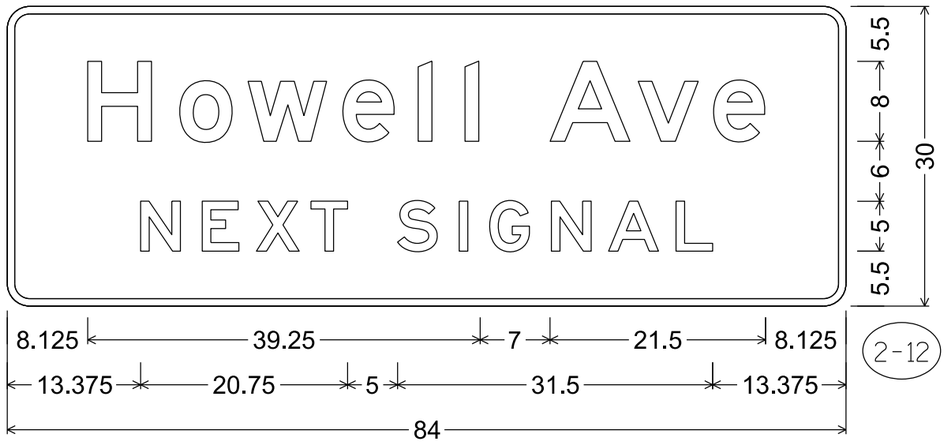
1. Signs are Type II - Type H Reflective
2. Color:
   Background - Green
   Message - White
3. Message Series - E except as noted



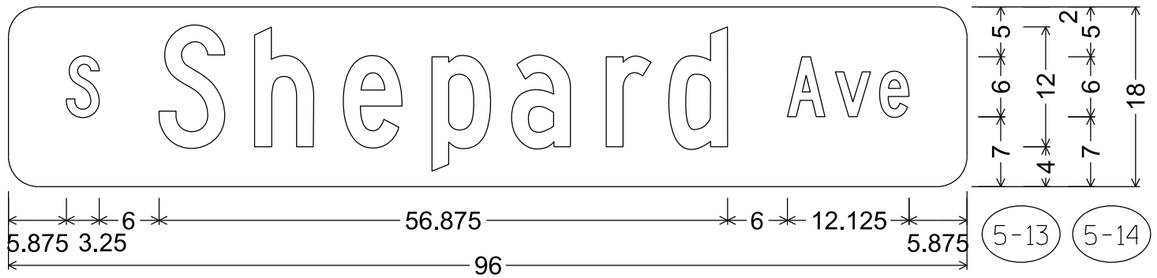
D1-65; 3.000" Radius, 1.000" Border



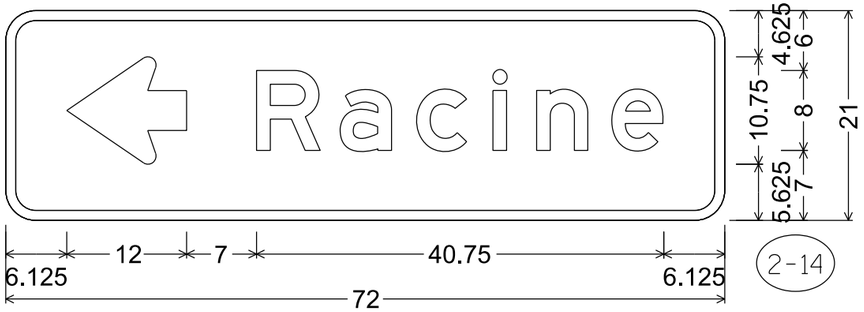
M1-94S; 3.000" Radius, No border,
"E", C; "Ryan", C; "Rd", C



D1-65; 3.000" Radius, 1.000" Border



M1-94H; 3.000" Radius, No border,
"S", C; "Shepard", C; "Ave", C



D1-1; 3.000" Radius, 1.000" Border

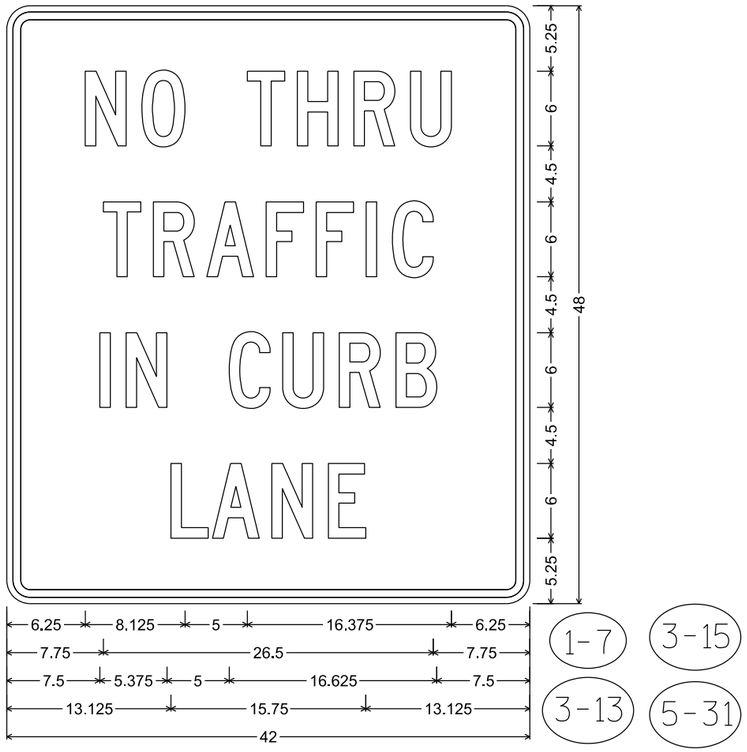
7

7

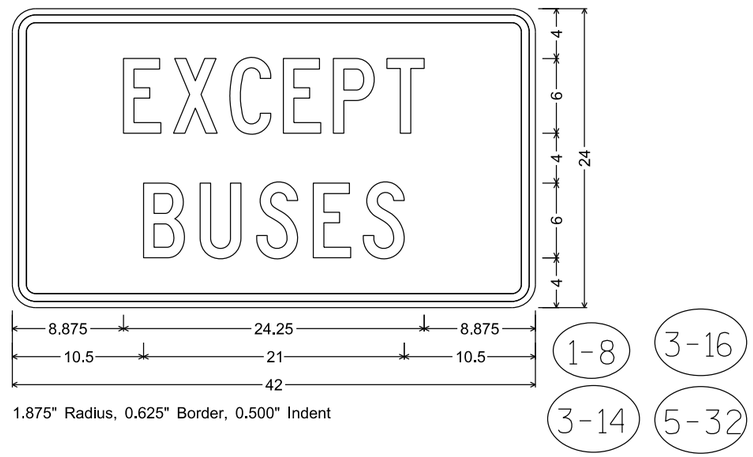
PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	PERMANENT SIGNING	SHEET NO: 212	E

NOTES

1. Signs are Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - C



1.875" Radius, 0.625" Border, 0.500" Indent



1.875" Radius, 0.625" Border, 0.500" Indent

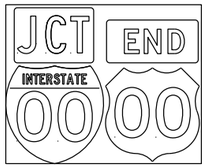
7

7

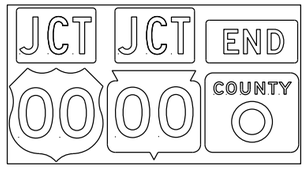
PROJECT NO: 2040-23-70	HWY: STH 100	COUNTY: MILWAUKEE	PERMANENT SIGNING	SHEET NO: 213	E

TYPICAL ASSEMBLIES

J1-1



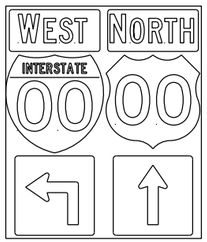
J1-2



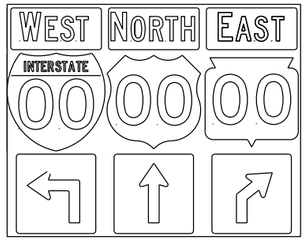
J1-3

JR1-1

J2-1

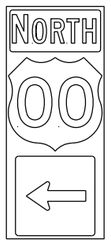


J2-2

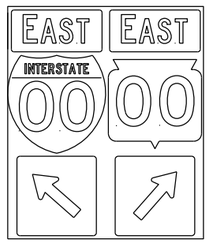


J2-3

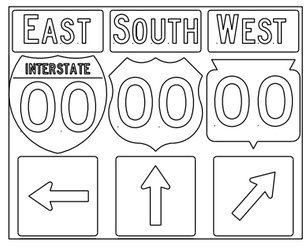
JV
(Typical Vertical J-Assembly
See Note 10 and 11)



J3-1

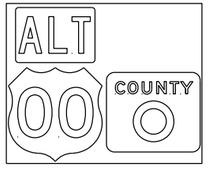


J3-2

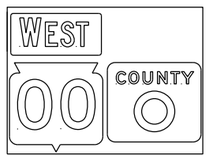


J3-3

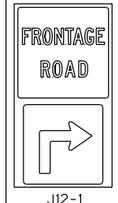
J4-1



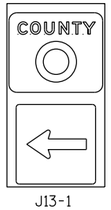
J4-2



J4-2



J12-1

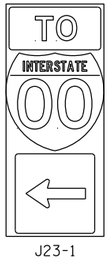


J13-1

J32-1

J33-1

J22-1

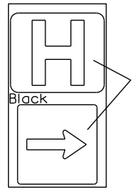


J23-1

JR13-1

JR23-1

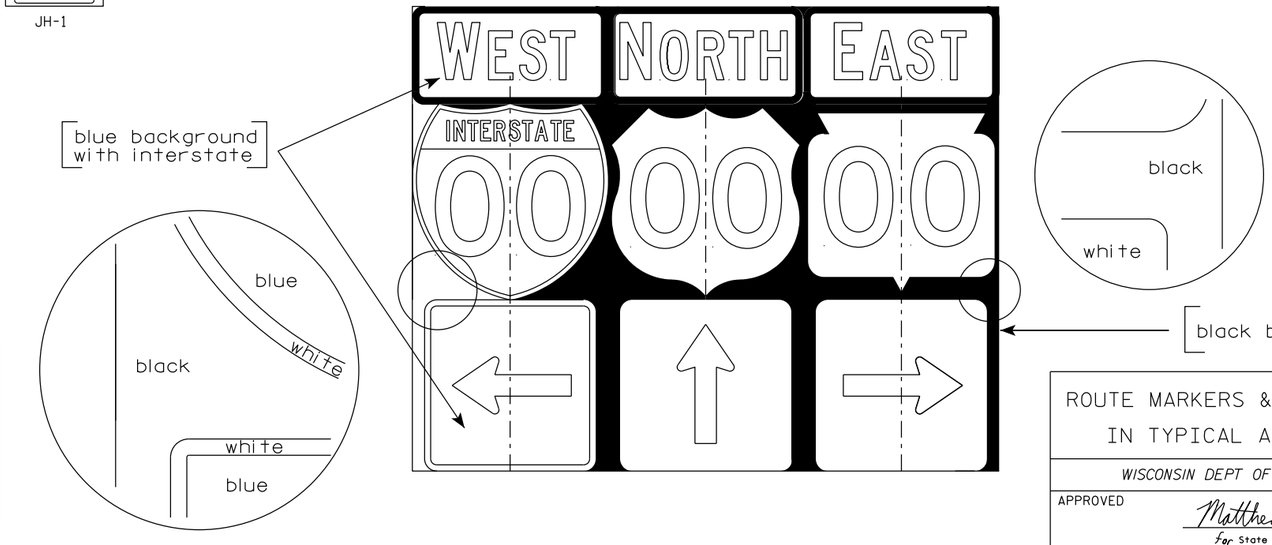
JR99-1



JH-1

NOTES

1. Signs are Type II - Type H Reflective
2. Color:
   Background - Black Non-reflective
   Message - see Note 4
3. Message Series - See Note 4
4. The colors and message spacing on each marker shall be according to the applicable route marker panel specifications.
5. Certain marker heads require the component pieces to be the same color. As an example, all the components used with an M1-1 Interstate marker shall be blue.
6. Single panel j-assemblies shall only be used with route marker shields that are same size. If the route marker shields are different size use multiple piece component.
7. Route assemblies that have 24 inch route shields and have dimensions greater than 48 inches (both vertical and horizontal) shall have one horizontal splice between the arrows and route shields. Vertical splices shall not be used on route assemblies with a horizontal dimension of 144 inches or less. The contractor shall not use more than one vertical joint per sign and the joint shall be between route shields.
8. Route assemblies that have 36 inch shields and have dimensions greater than 48 inchs (both vertical and horizontal) shall have two horizontal splices. One horizontal splice shall be between the cardinal direction and route shields and the other horizontal splice shall be between the arrows and route shields. Vertical splices shall not be used on route assemblies with a horizontal dimension of 144 or less. The contractor shall not use more than one vertical joint per sign and the joint shall be between route shields.
9. All Vertical J Assemblies are given a Sign Code of JV
10. For JV Assemblies that have a mixture of Interstate and Non-Interstate shields, arrows and cardinals shall be white on blue.
11. For JV Assemblies that have a mixture of Non-Interstate and Auto-Tour shields, arrows and cardinals shall be black on white.



ROUTE MARKERS & COMPONENTS IN TYPICAL ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

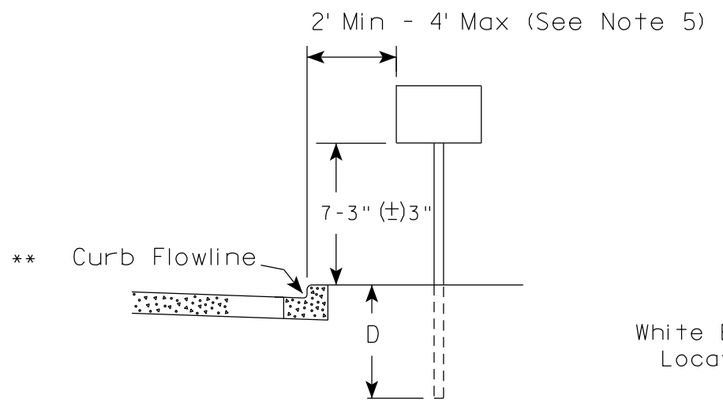
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 6/7/23 PLATE NO. A2-1S.10

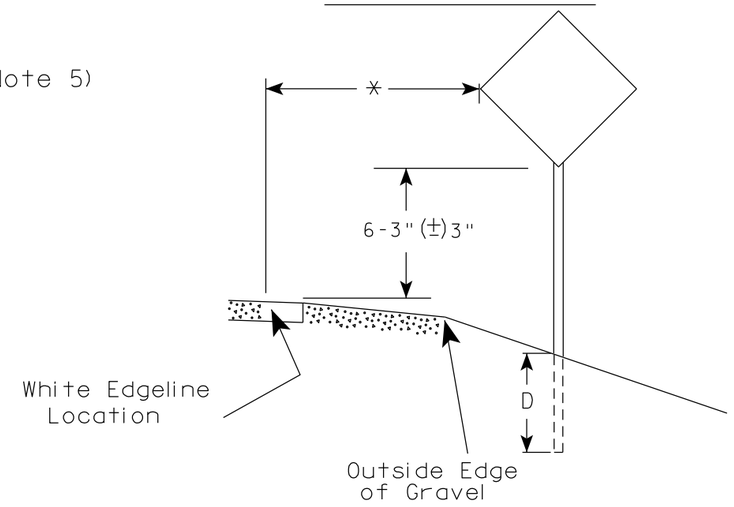
PROJECT NO:

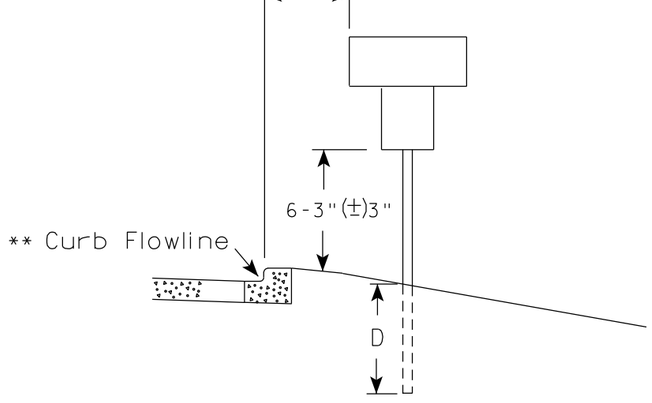
SHEET NO: 214 E

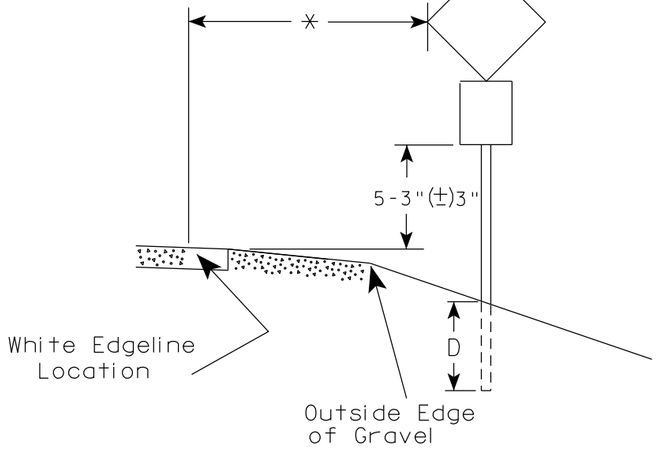
URBAN AREA



RURAL AREA (See Note 2)







** The existence of curb and gutter does not in itself mandate the vertical clearance illustrated. That height is typically measured where there is sidewalk adjacent to the roadway or parking is permitted. In the absence of sidewalk vertical clearance is measured from the top of the curb. Offset of signs is measured from the flow line.

* 6 feet from edge of a paved shoulder or 12 feet from the edge of pavement (edge line location) or 2 feet from outside edge of gravel, whichever is greater unless directed by project engineer.

POST EMBEDMENT DEPTH

Area of Sign Installation (Sq. Ft.)	D (Min)
20 or Less	4'
Greater than 20	5'

GENERAL NOTES

1. Signs wider than 4 feet or 20 sq.ft or larger, shall be mounted on multiple posts. Refer to plate A4-4.
2. If signs are mounted on or behind barrier wall, see A4-10 sign plate.
   The Double Arrow sign (W12-1D) shall be mounted at a height of 2'-3" (±) 3". The Chevron sign (W1-8), Roundabout Chevron panel (R6-4B), Enhanced Reference Markers, Clearance Markers (W5-52), Mile Markers (D10 series), In Road Object Markers (W5-54) & End of Road Markers (W5-56) shall be mounted at a height of 4'-3" (±) 3".
3. For expressways and freeways, mounting height is 7'- 3" (±) 3" or 6'-3" (±) 3" depending upon existence of a sub-sign.
4. Minimum mounting height for signs mounted on traffic signal poles is 5'- 3" (±) 3".
5. Offset distance shall be consistent with existing signs or consistent throughout length of project.
6. Folding signs shall be mounted at a height of 5'-3" (±) 3" or as directd by the Engineer.

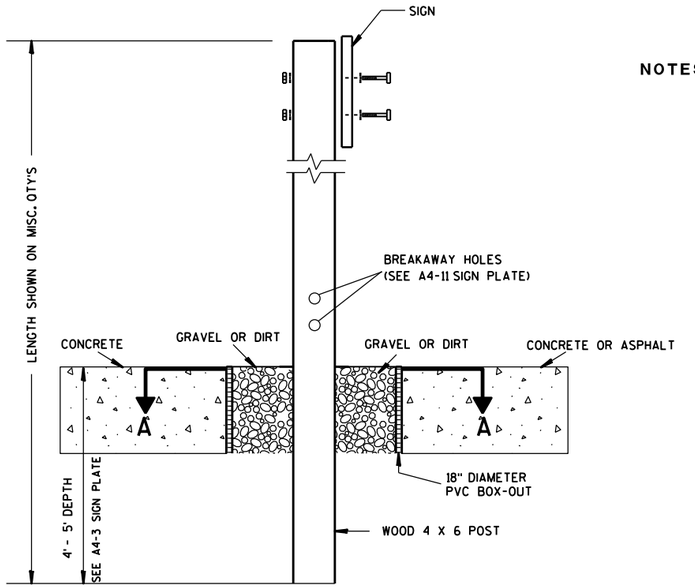
TYPICAL INSTALLATION OF PERMANENT TYPE II SIGNS ON SINGLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/6/23 PLATE NO. A4-3.23

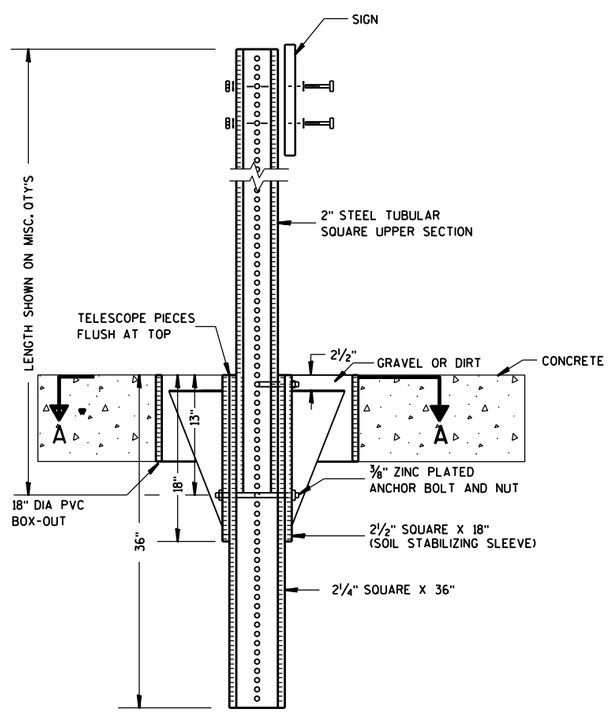
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 215	E



ELEVATION VIEW

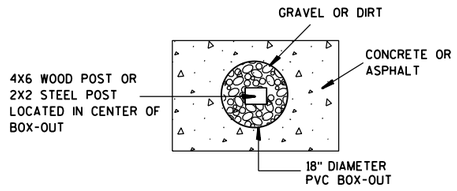
DETAIL OF WOOD 4 X 6 SIGN POST IN BOX-OUT

NOTES:
1. ALL MATERIAL TO BE APPROVED BY ENGINEER PRIOR TO INSTALLATION
2. SEE SIGN PLATE A4-8 FOR SIGN HARDWARE REQUIREMENTS
3. 18 INCH X 18 INCH SQUARE BOX-OUTS MAY BE USED FOR INSTALLATIONS IN EXISTING CONCRETE OR ASPHALT LOCATIONS.



ELEVATION VIEW

DETAIL OF STEEL 2 X 2 SIGN POST IN BOX-OUT



PLAN VIEW

FOR NEW CONCRETE/ASPHALT INSTALLATIONS

SIGN POST BOX-OUTS A4-3B

WISCONSIN DEPT OF TRANSPORTATION

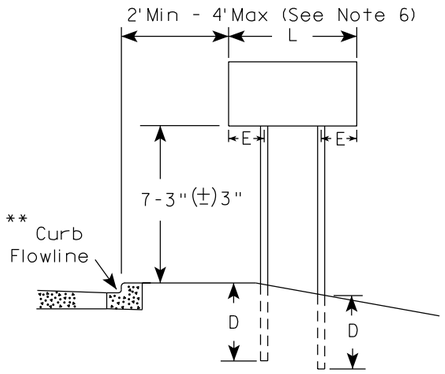
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/27/14 PLATE NO. A4-3B.1

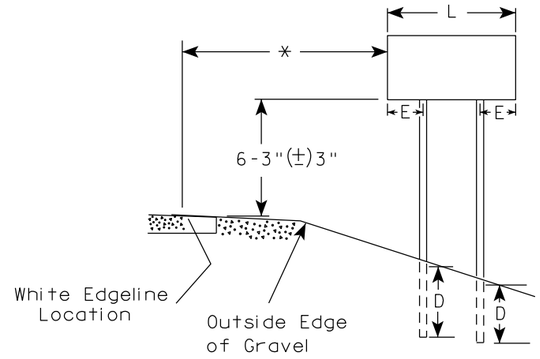
PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

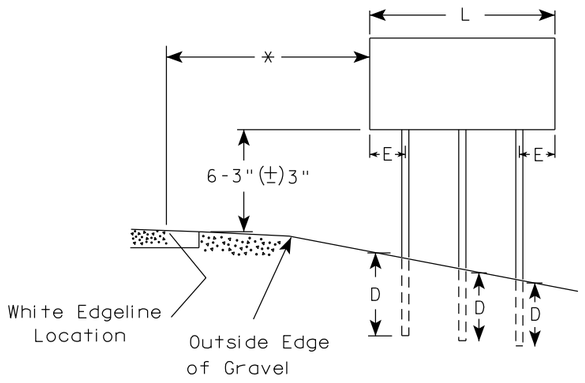
FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A43B.DGN PLOT DATE : 27-JAN-2014 09:48 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 13.659812:1.000000 WISDOT/CADDS SHEET 42

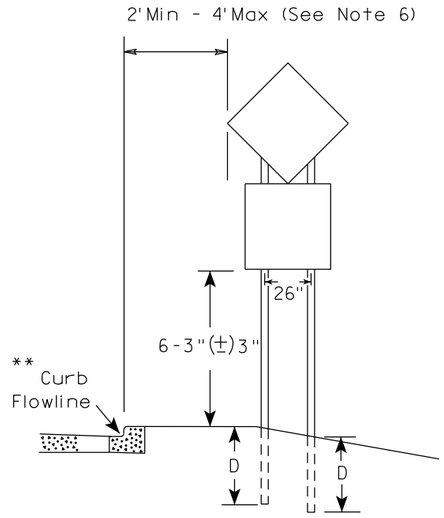
URBAN AREA



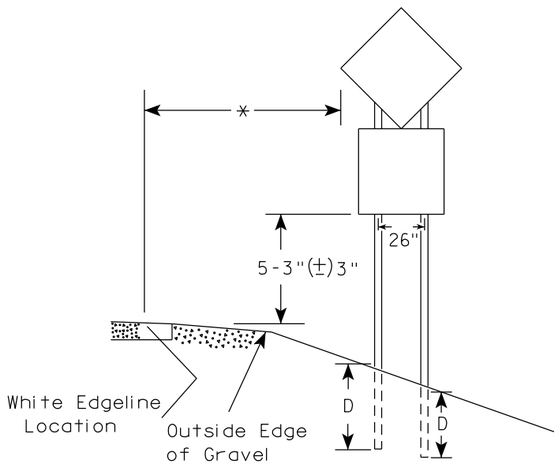
RURAL AREA (See Note 3)







48" DIAMOND WARNING SIGN



48" DIAMOND WARNING SIGN

SIGN SHAPE OTHER THAN DIAMOND (TWO POSTS REQUIRED)		
	L	E
***	Greater than 48" Less than 60"	12"
	60" to 108"	L/5

SIGN SHAPE OTHER THAN DIAMOND (THREE POSTS REQUIRED)	
L	E
Greater than 108" to 144"	12"

GENERAL NOTES

1. For 3 or 4 post installations, individual post spacing shall be greater than 3'-6".
2. See tables below for required number of posts.
3. For expressways and freeways, mounting height is 7'-3" (±) 3" or 6'-3" (±) 3" depending upon existence of sub-sign.
4. The (±) tolerance for mounting height is 3 inches.
5. J-Assemblies are considered to be one sign for mounting height.
6. Offset distance shall be consistent with existing signs or consistent throughout length of project.
7. Folding signs shall be mounted at a height of 5'-3" (±) 3" or as directed by the engineer.
8. The Double Arrow sign (W12-1) shall be mounted at a height of 2'-3" (±) 3". The Chevron sign (W1-8), Roundabout Chevron panel (R6-4B), Clearance Markers (W5-52), Mile Markers (D10 series), In Road Object Markers (W5-54) & End of Road Markers (W5-56) shall be mounted at a height of 4"-3" (±) 3".

* 6 feet from edge of a paved shoulder or 12 feet from the edge of pavement (edge line location) or 2 feet from outside edge of gravel, whichever is greater unless directed by project engineer.

** The existence of curb and gutter does not in itself mandate the vertical clearance illustrated. That height is typically measured where there is sidewalk adjacent to the roadway or parking is permitted. In the absence of sidewalk vertical clearance is measured from the top of the curb. Offset of signs is measured from the flow line.

*** See A4-3 sign plate for signs 4' or less in width and less than 20 S.F. in area.

POST EMBEDMENT DEPTH

Area of Sign Installation (Sq. Ft.)	D (Min)
20 or Less	4'
Greater than 20	5'

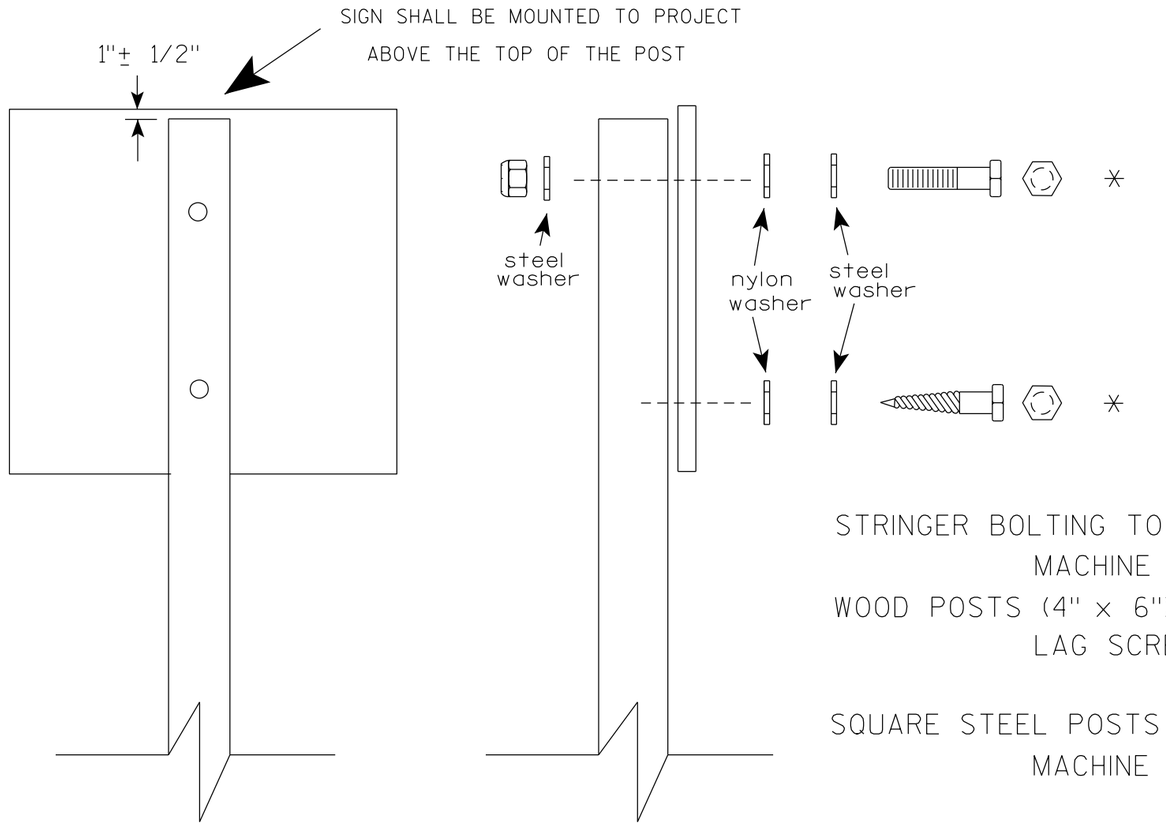
TYPICAL INSTALLATION OF TYPE II SIGNS ON MULTIPLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/6/23 PLATE NO. A4-4.16

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 217	E



Nuts, bolts and lags used for mounting signs shall have hexagonal heads and shall be either :

a. Hot dip galvanized in accordance with ASTM Designation: A 153, Class D, or SC 3

b. Electro-galvanized in accordance with ASTM Designation : B 633, TYPE III, SC 3.

Threads on bolts and nuts shall be manufactured with sufficient allowance for the cadmium plate or galvanized coating to permit the nuts to run freely on the bolts.

STRINGER BOLTING TO ALUMINUM SIGNS (SEE SIGN PLATE A4-18)

MACHINE BOLTS - 5/16" X 1-3/4" Length w/ lock nuts

WOOD POSTS (4" x 6")

LAG SCREWS - 3/8" X 3" (NO STRINGERS ON BACK OF SIGN)
3/8" X 4" (STRINGERS ON BACK OF SIGN)

SQUARE STEEL POSTS (2" x 2")

MACHINE BOLTS - 3/8" X 3-1/4" Length w/ nuts (NO STRINGER ON BACK OF SIGN)
3/8" X 5" Length w/ nuts (STRINGERS ON BACK OF SIGN)

RIVETS - 9/32" (6605-9-6) BULB-TITE, TRI-FOLD, ALUMINUM BODY/MANDREL
O.D. FLANGE .720-.765 INCH, GRIP RANGE .042-.375 INCH

WASHERS (ALL POSTS) -

1-1/4" O.D. X 3/8" I.D. X 1/16" STEEL
1-1/4" O.D. X 3/8" I.D. X .080 NYLON

* Two different fastening systems are shown for illustration purposes. On any individual sign, either one or the other system shall be used. Actual number of fasteners per sign varies with the sign area, but normally there are two. For a single post installation, all signs greater than 9 sq. ft. require the use of 3 fasteners.

ATTACHMENT OF SIGNS TO POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

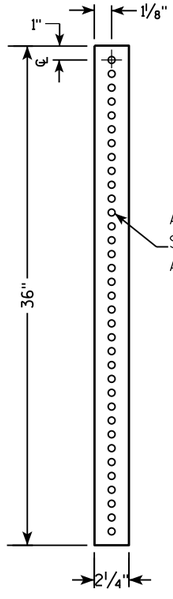
DATE 4/1/2020 PLATE NO. A4-8.9

PROJECT NO:

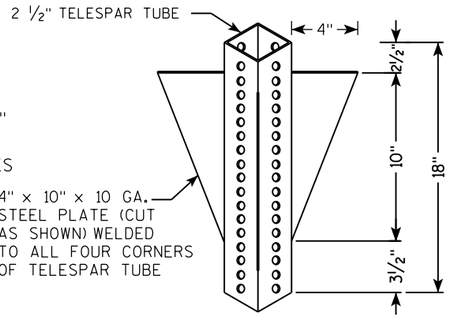
SHEET NO: 218 E

TELESCOPIC TUBING ANCHORS
TWO PIECE SYSTEM

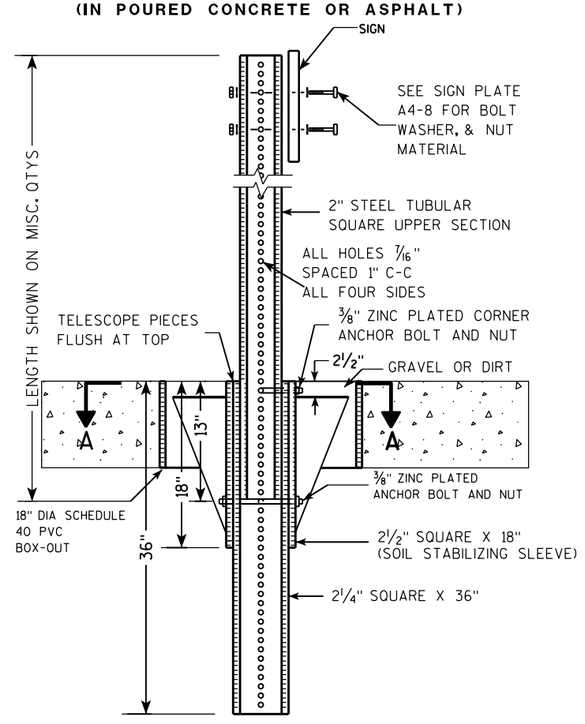
2 1/4 " SQUARE
12 GAUGE
PERFORATED
GALVANIZED FINISH



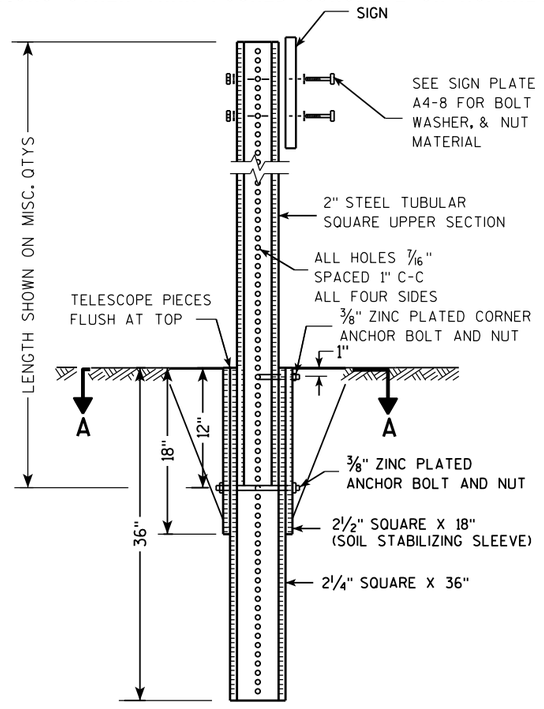
2 1/2 " SQUARE
12 GAUGE
OMNI-DIRECTIONAL
PERFORATED
SOIL STABILIZING SLEEVE
GALVANIZED FINISH

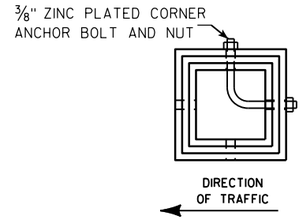


DETAIL OF TUBULAR STEEL SIGN POST
(IN POURED CONCRETE OR ASPHALT)



DETAIL OF TUBULAR STEEL SIGN POST
(IN LOCATIONS OTHER THAN POURED CONCRETE OR ASPHALT)





SECTION A-A

Area of Sign Installation (Sq. Ft.)	Number of Required Posts
9 or less	1
Greater than 9 less than or equal to 18	2
Greater than 18 less than or equal to 27	3

Signs wider than 3 feet or larger than 9 sq. ft shall be mounted on multiple posts (see above table).

TUBULAR STEEL
SIGN POST
A4-9

WISCONSIN DEPT OF TRANSPORTATION

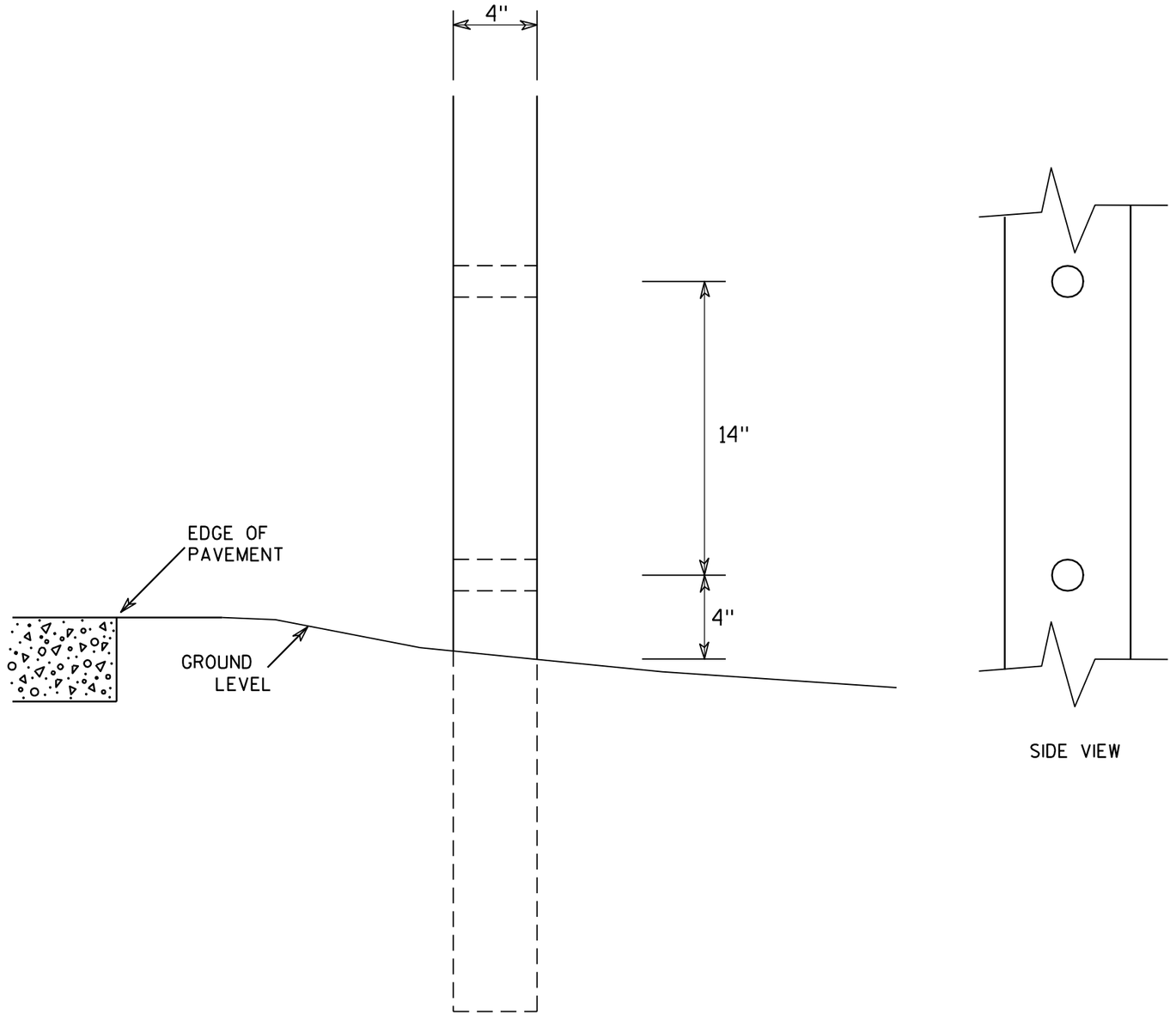
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/05/15 PLATE 219 A4-9.9

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A49.DGN PLOT DATE : 05-FEB-2015 17:09 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 13.659812:1.000000

WISDOT/CADDS SHEET 42



SIDE VIEW

GENERAL NOTES

1. All 4 x 6 Wood Posts shall be modified by having two 1½" diameter holes drilled perpendicular to the roadway centerline.

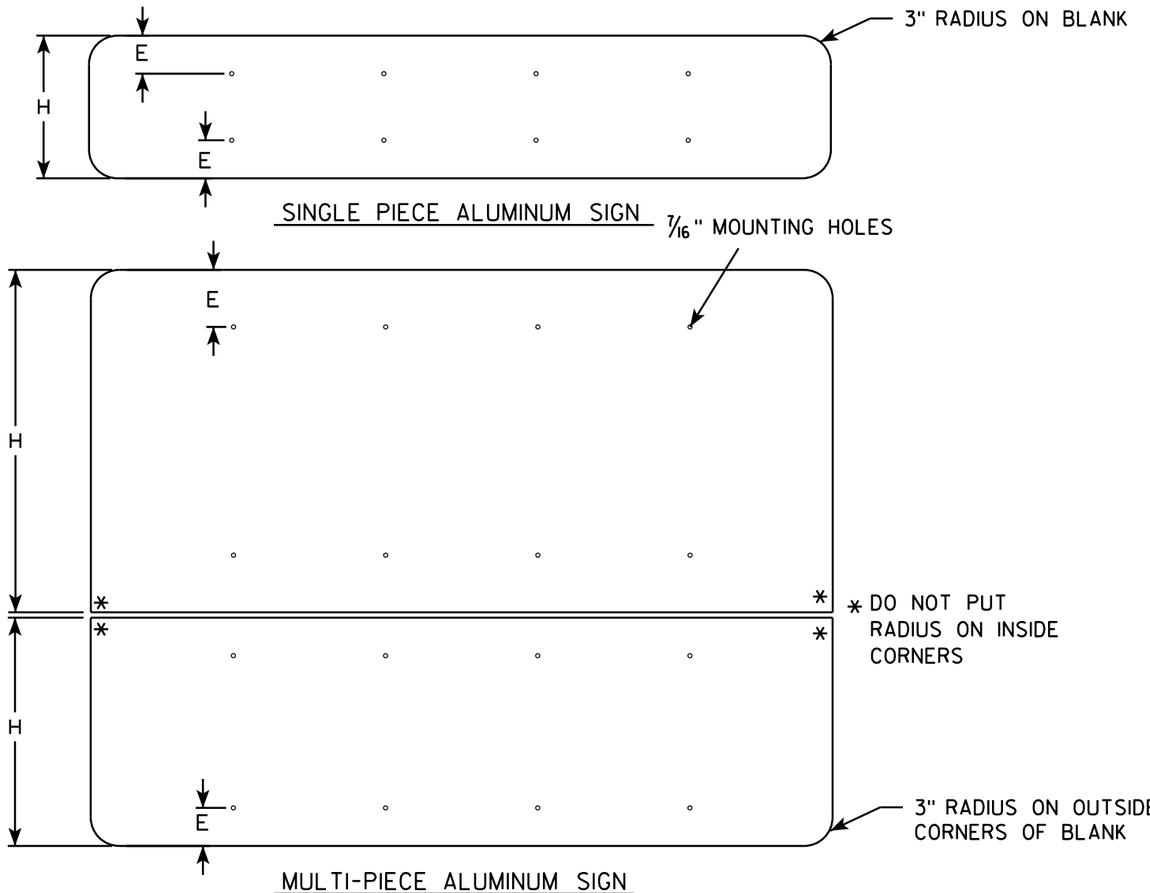
4 X 6 WOOD POST MODIFICATIONS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Chester J Spang for State Traffic Engineer

DATE 3/27/97 PLATE NO. A4-11.2

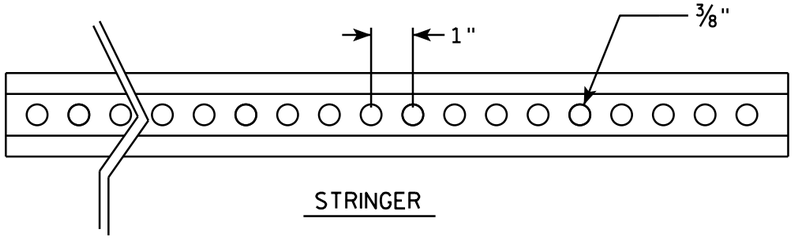
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 220	E



GENERAL NOTES

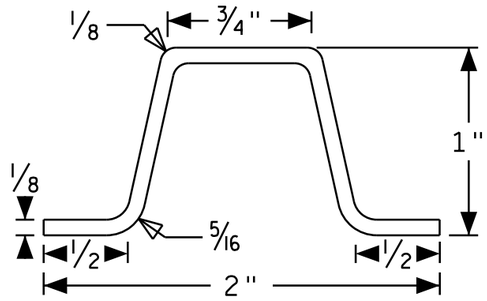
- ALL SIGNS OVER 60" IN WIDTH SHALL HAVE A 3" RADIUS ON THE OUTSIDE CORNERS OF THE ALUMINUM BLANK.
- MOUNTING HOLES SHALL BE 7/16" DIAMETER.
- SEE CHART FOR HOLE SPACING REQUIREMENTS
- FOR SIGN PANELS WITH DIMENSION (H) 36" AND OVER, DIMENSION E SHALL BE 6"
- FOR SIGN PANELS WITH DIMENSION (H) UNDER 36", DIMENSION E SHALL BE 4"
- SIGN STRINGER MATERIAL SHALL CONSIST OF STEEL CHANNEL POST SECTIONS, WEIGHING 1.12 LBS/FT IN ACCORDANCE WITH SECTION 633.2.1 OF THE STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION.
- SEE SIGN PLATE A4-8 FOR SIGN STRINGER BOLTING REQUIREMENTS.

SIGN WIDTH	STRINGER WIDTH	POSTS	HOLE SPACING	MOUNTING HOLES
78"	72"	2	16"	15" 31" 47" 63"
84"	72"	2	17"	16½" 33½" 50½" 67½"
90"	72"	2	18"	18" 36" 54" 72"
96"	90"	2	19"	19½" 38½" 57½" 76½"
102"	90"	2	20"	21" 41" 61" 81"
108"	90"	2	21"	22½" 43½" 64½" 85½"
114"	108"	3	15"	12" 27" 42" 57" 72" 87" 102"
120"	108"	3	16"	12" 28" 44" 60" 76" 92" 108"
126"	108"	3	17"	12" 29" 46" 63" 80" 97" 114"
132"	126"	3	18"	12" 30" 48" 66" 84" 102" 120"
138"	126"	3	19"	12" 31" 50" 69" 88" 107" 126"
144"	126"	3	20"	12" 32" 52" 72" 92" 112" 132"

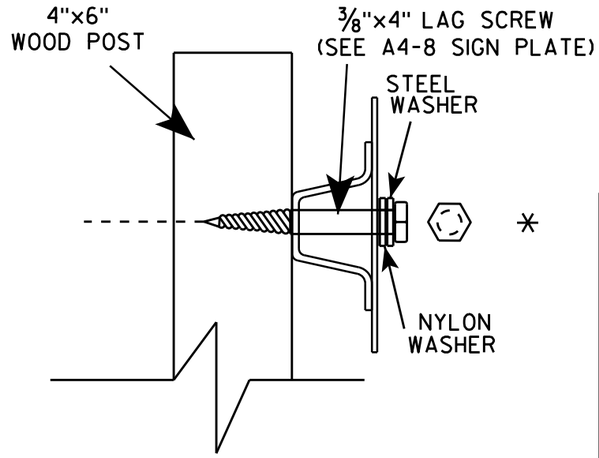


STRINGER

CROSS SECTION VIEW OF CHANNEL



POST MOUNTING



SIGN STRINGER MOUNTING REQUIREMENTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch

for State Traffic Engineer

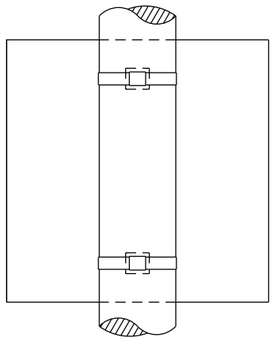
DATE 4/26/16 PLATE NO A4-18.1

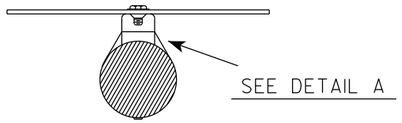
PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

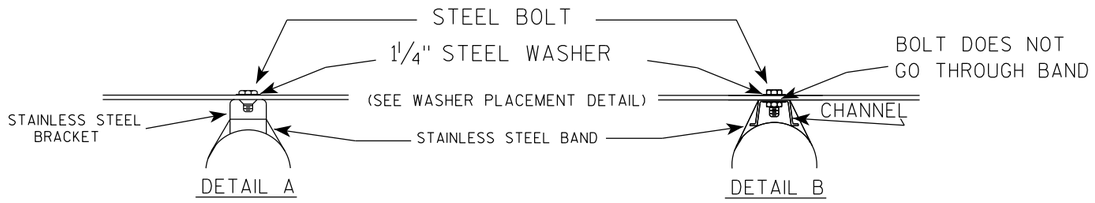
FILE NAME : C:\CAEfiles\Projects\tr_stdplate\A418.dgn PLOT DATE : 27-APR-2016 13:56 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : 41.805205:1.000000 WISDOT/CADDS SHEET 42

BANDING

SINGLE SIGN



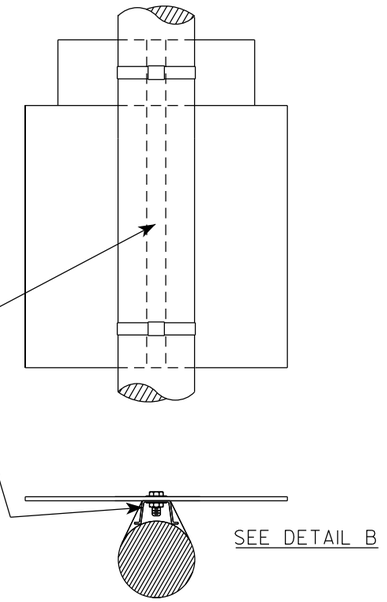




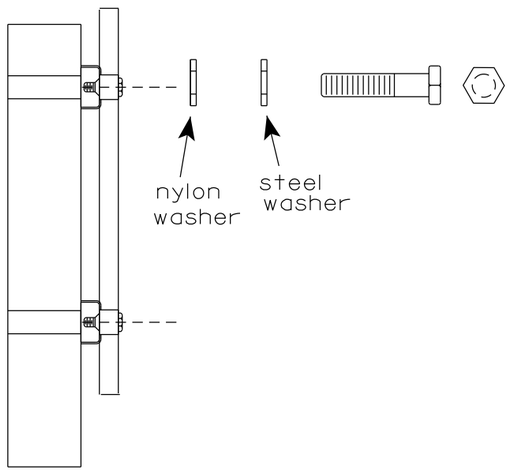
GENERAL NOTES

1. Any sign over 3 feet in width shall use the V-Block banding method. See A5-10 standard plate.
2. Signs 3 feet or greater in height shall have three bracket bands installed. Signs less than 3 feet in height shall have two bracket bands installed.
3. Banding and assembly bracket shall be stainless steel. All bands shall be ¾" in width and 0.025" thickness.
4. ALL SIGN MOUNTING BOLTS AND WASHERS SHALL BE EITHER:
   a. Hot dip or mechanically galvanized in accordance with ASTM Designation: A 153, Class D
   b. Electro-galvanized in accordance with ASTM designation: B 633, Type III, SC 3

"J" ASSEMBLY



WASHER PLACEMENT



WASHERS (ALL POSTS) -
1-1/4" O.D. X ⅜" I.D. X 1/16" STEEL
1-1/4" O.D. X ⅜" I.D. X .080 NYLON
FOR ALL TYPE H SIGNS

STANDARD SIGN
SIGN BANDING DETAILS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

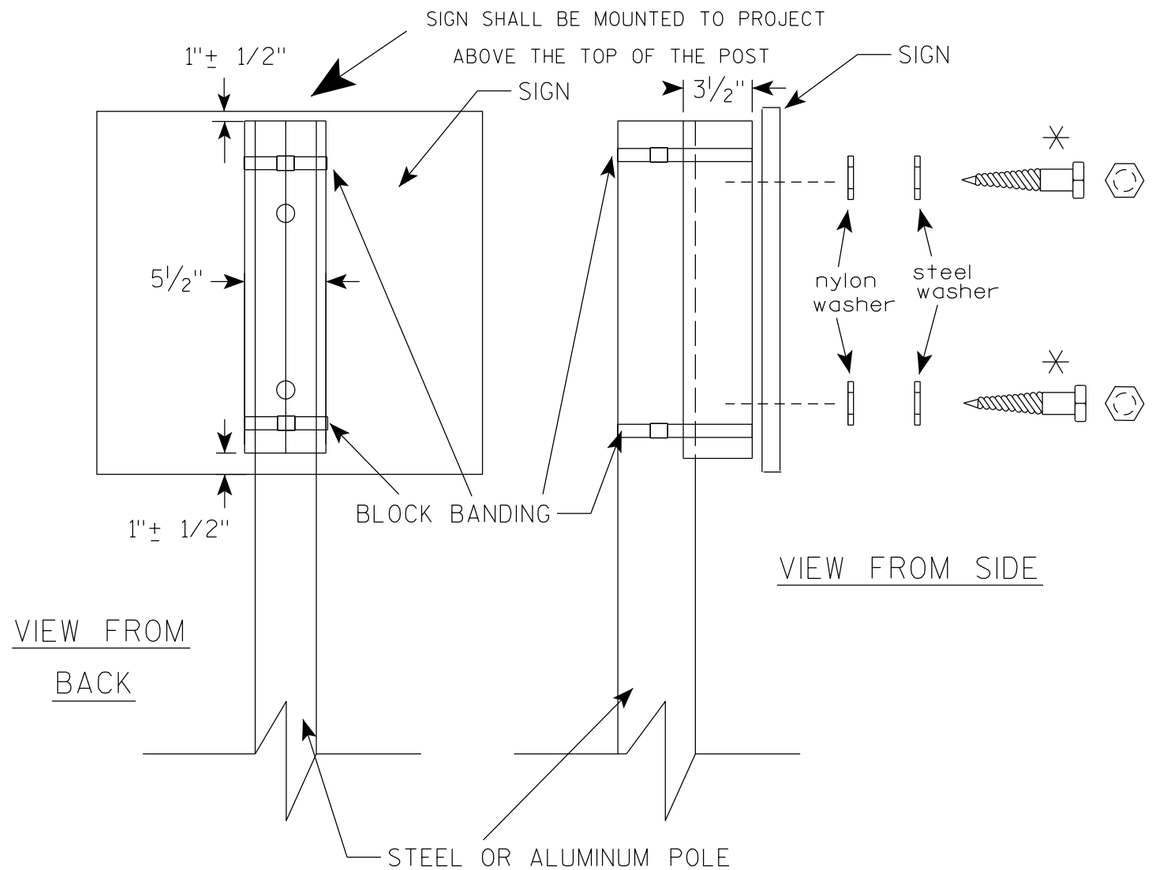
DATE 6/10/19 PLATE NO. A5-9.4

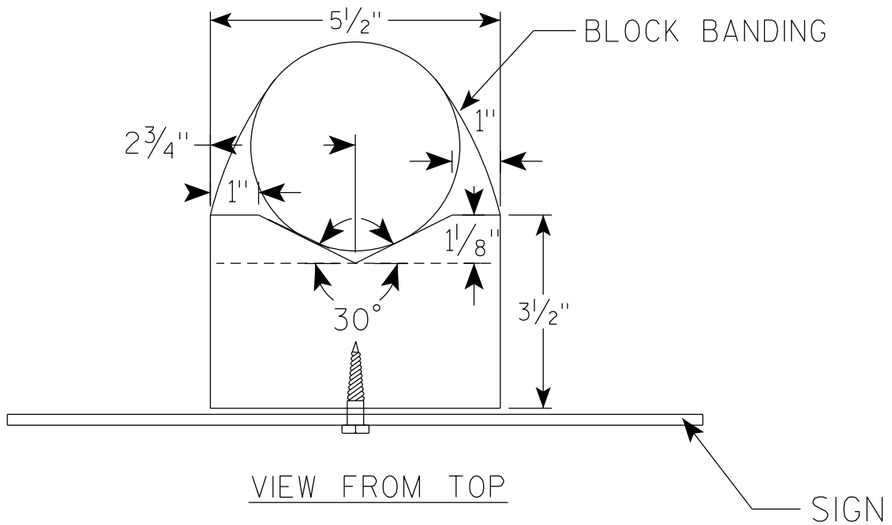
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 222	E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\A59.dgn PLOT DATE : 10-JUN 2019 4:10 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42

7

7





GENERAL NOTES

1. WOOD 4"X6" POST MATERIAL SHALL CONFORM TO 507.2.2 OF THE WisDOT STANDARD SPECIFICATIONS
2. BLOCK BANDING AND CLIPS SHALL BE STAINLESS STEEL, ¾" WIDTH AND 0.025" THICKNESS
3. SIGNS 3' OR GREATER IN HEIGHT SHALL UTILIZE 3 BLOCK BANDS. SIGNS UNDER 3' IN HEIGHT SHALL UTILIZE 2 BLOCK BANDS
4. ACTUAL NUMBER OF FASTENERS PER SIGN VARIES WITH THE SIGN AREA, BUT NORNALLY THERE ARE TWO. FOR SIGNS GREATER THAN 9 S.F. 3 FASTENERS SHALL BE USED.
5. ALL SIGN MOUNTING BOLTS AND WASHERS SHALL BE EITHER:
   a. Hot dip or mechanically galvanized in accordance with ASTM Designation: A 153, Class D
   b. Electro-galvanized in accordance with ASTM Designation : B 633, TYPE III, SC 3
6. ALL BOLTS SHALL HAVE HEXAGONAL HEADS.
7. STEEL WASHERS SHALL BE 1¼" O.D. X ⅜" I.D. X 1/16"
8. NYLON WASHERS SHALL BE 1¼" O.D. X ⅜" I.D. X .080 FOR TYPE H OR TYPE F FACE SIGN

✳ LAG BOLTS SHALL BE ⅜" X 2½"

BLOCK BANDING DETAIL (V-BLOCK OPTION)

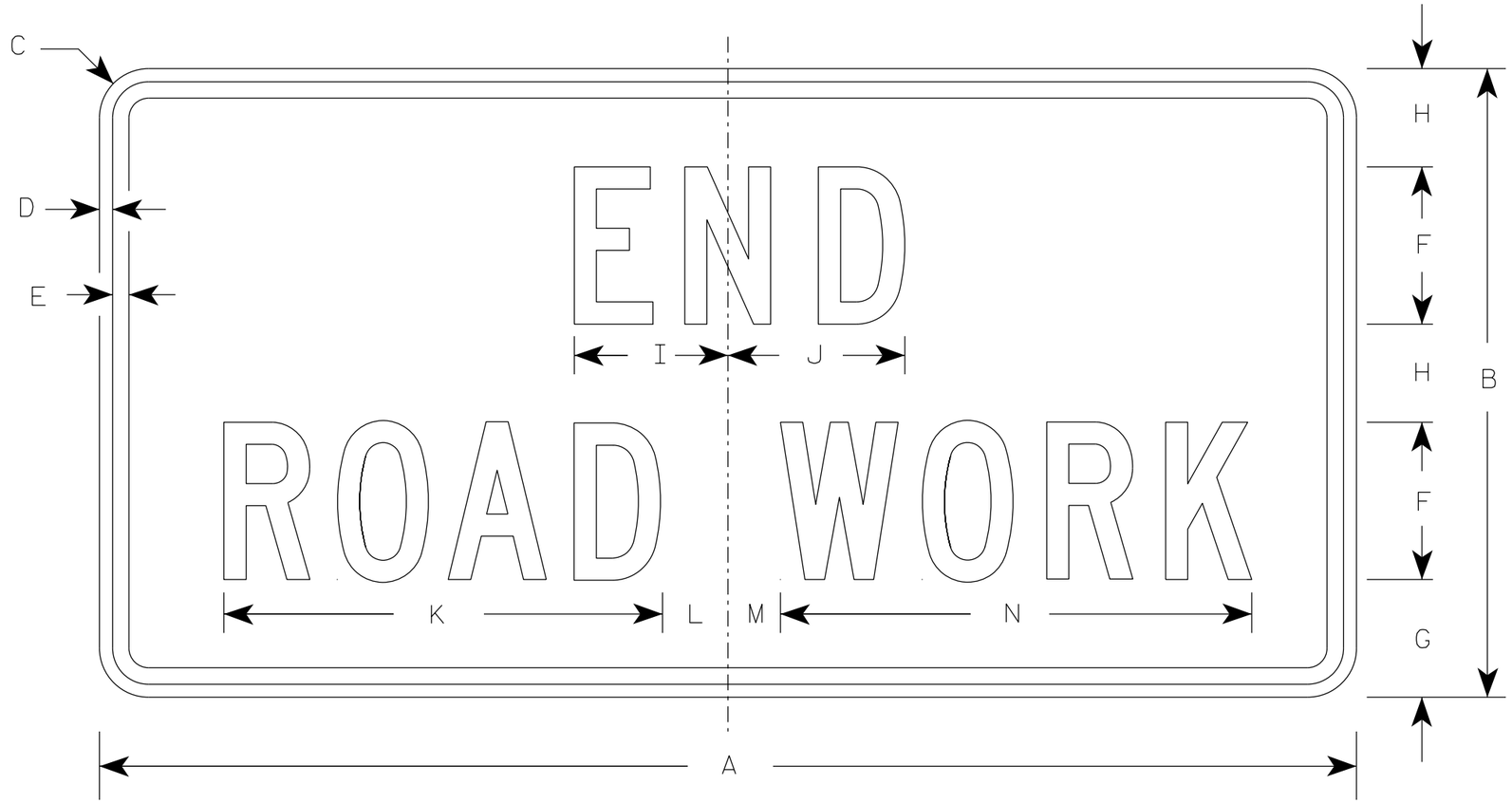
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 4/19/2022 PLATE NO. A5-10.3

PROJECT NO:

SHEET NO: 223 E



G20-2A

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36	18	1 1/2	3/8	1/2	4	3 3/4	2 1/2	4 1/8	4 1/8	11 1/8	2	1	12 1/8													4.5
2	48	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0
2M	48	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0
3	48	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0
4	48	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0
5	48	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0

STANDARD SIGN

G20-2A

WISCONSIN DEPT OF TRANSPORTATION

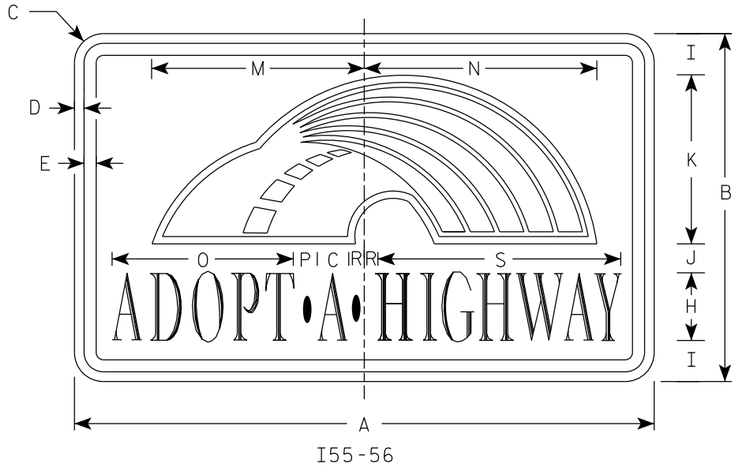
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/26/2023 PLATE NO. G20-2A.10

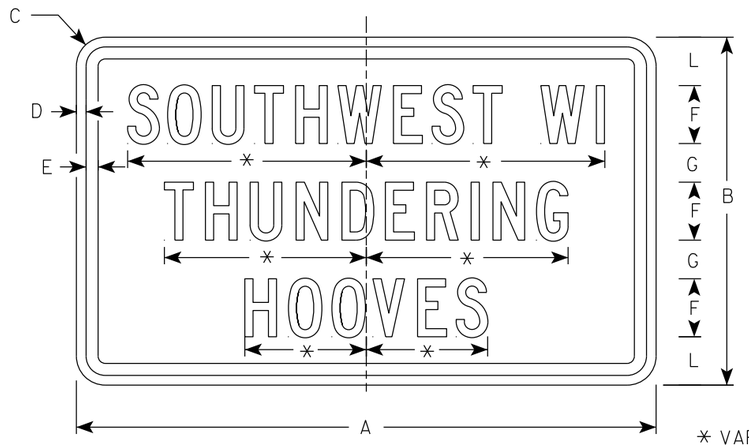
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 224 E

7

7



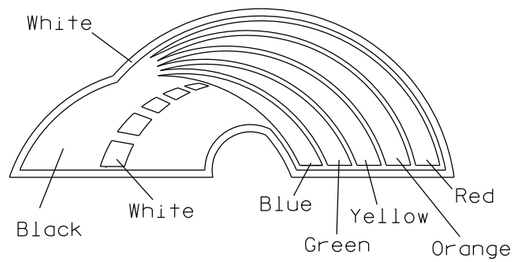
I55-56



I55-56P

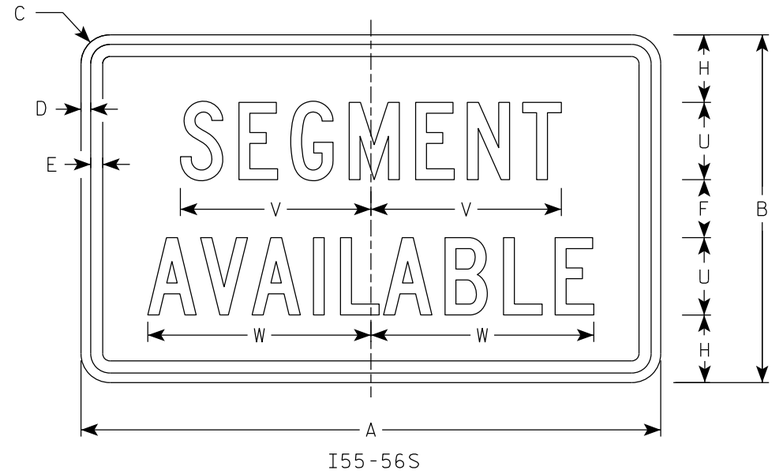
* VARIES

Background Colors of Symbol*



NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - Blue
   Message - White
   Rainbow detail - See Below
3. Message Series - Adopt a Highway - Dutch 8011L
   All other Text - Series C
4. Contractor shall provide and install a new post bracket in accordance with the I55-56B sign detail.



I55-56S

*1/4" Black Border between each color of rainbow and border of rainbow

*3/8" White Border surrounds the whole image of the rainbow

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	30	18	1 1/2	1/2	5/8	3	2	3 1/2	2 1/4	1 1/2	8 1/2	2 1/2	11	12	9 3/8	1 1/4		3/4	12 5/8	7 1/2	4	9 7/8	11 1/2				3.75
3																											
4																											
5																											

STANDARD SIGN
I55-56

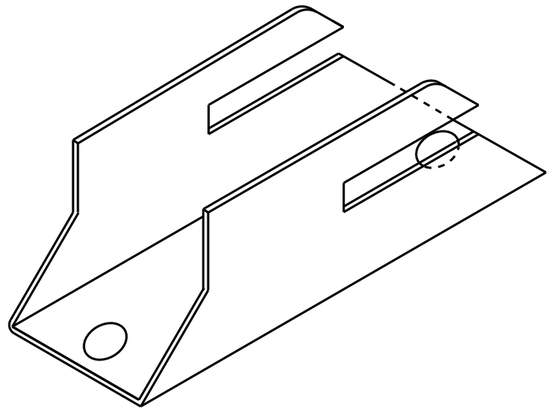
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

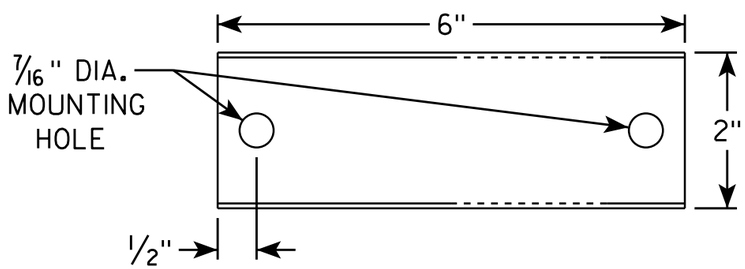
DATE 3/13/2025 PLATE NO. 155-56.5

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 225 | E

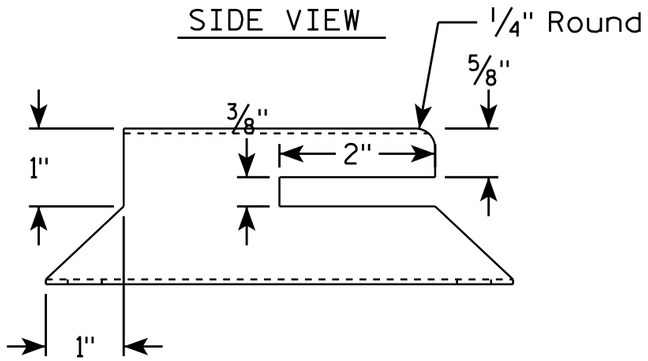
ISOMETRIC VIEW



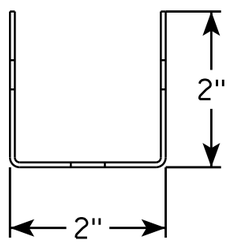
TOP VIEW



SIDE VIEW



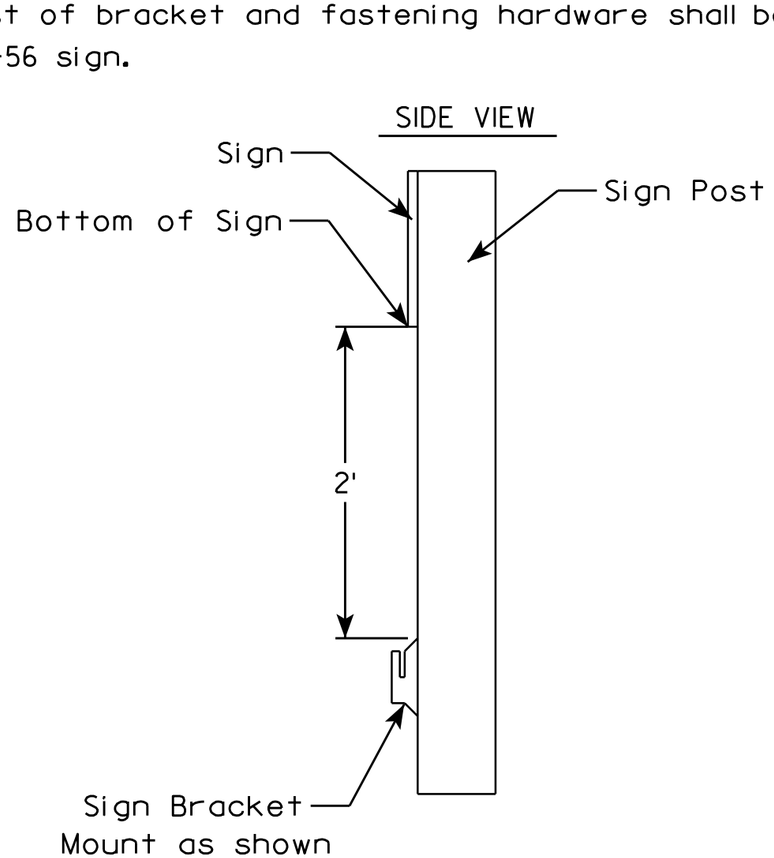
END VIEW



NOTES

1. Must be capable of permanent attachment to a wood or steel channel sign post utilizing the fastening hardware specified on the A4-8 sign plate.
2. Shall be entirely primed and painted with two coats of a black powder coated enamel paint.
3. Shall be made with 12 gauge steel, and incorporate no welds, no hinged components, no threaded lock-type components, and no parts which are loose or can be separated from the main body.
4. Shall have rounded edges with at least 1/8" radii.
5. Shall not have unrounded and uncoated metal edges which can contact the back surface of the roll-up sign.
6. Top of bracket shall be mounted 2' below the bottom of the I55-56 sign.
7. Cost of bracket and fastening hardware shall be incidental to the I55-56 sign.

SIDE VIEW



ROLLUP SIGN BRACKET
I55-56B

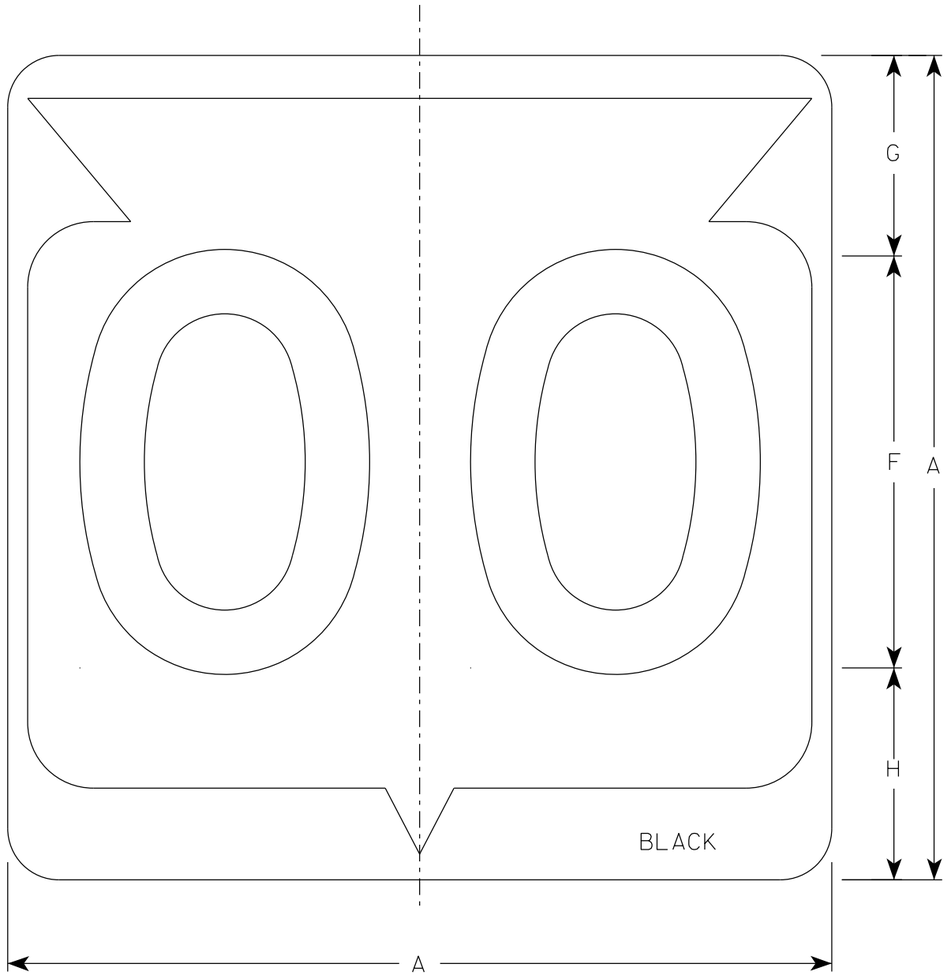
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 4/26/16 PLATE I55-56B.2

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

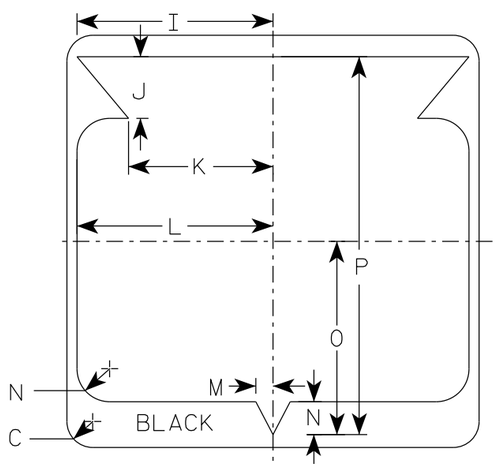
FILE NAME : C:\CAEfiles\Projects\tr_stdplate\I5556B.DGN PLOT DATE : 26-APR-2016 17:29 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : 1.945842:1.000000
WISDOT/CADDS SHEET 42



M1-6

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D except 3 number signs Series C



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24		1 1/2			12	5 1/2	6 1/2	10 1/4	2 1/2	8 7/8	11 1/2	1	1 7/8	11 1/4	21 7/8											4.0
2M	24		1 1/2			12	5 1/2	6 1/2	10 1/4	2 1/2	8 7/8	11 1/2	1	1 7/8	11 1/4	21 7/8											4.0
3	36		2 1/4			18	8 3/4	9 1/4	15 3/8	5 3/8	12 5/8	17 1/8	1 1/2	2 7/8	16 7/8	33											9.0
4	36		2 1/4			18	8 3/4	9 1/4	15 3/8	5 3/8	12 5/8	17 1/8	1 1/2	2 7/8	16 7/8	33											9.0
5	36		2 1/4			18	8 3/4	9 1/4	15 3/8	5 3/8	12 5/8	17 1/8	1 1/2	2 7/8	16 7/8	33											9.0

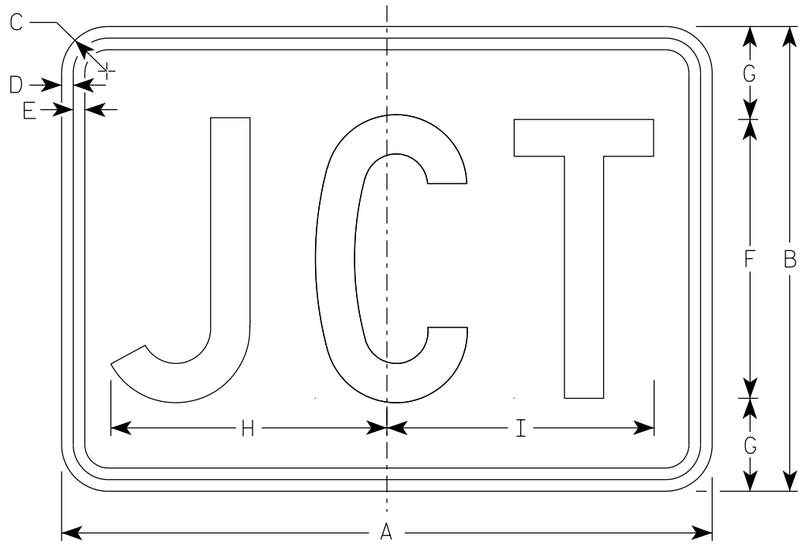
STATE ROUTE MARKER
M1-6 FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

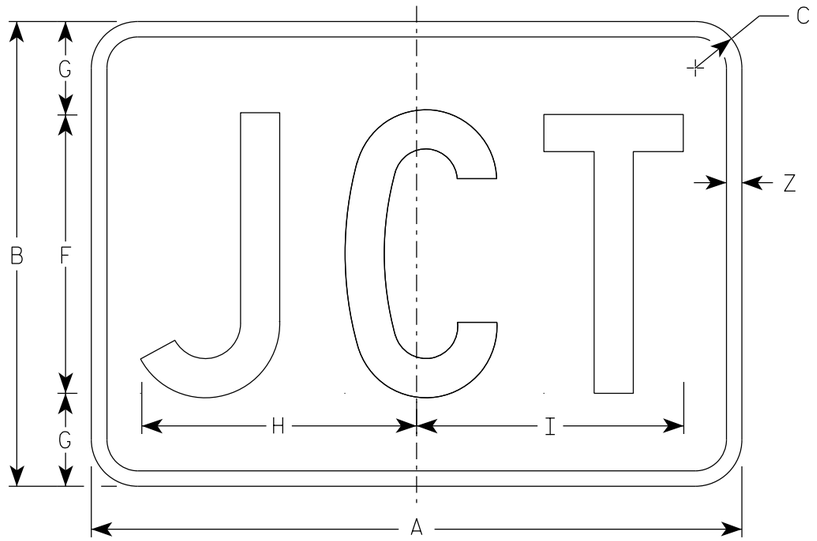
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/8/2022 PLATE NO. M1-6.11

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 227	E



M2-1
MM2-1
MP2-1



MB2-1
MK2-1
MN2-1
MR2-1

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - See note 5
   Message - See note 5
3. Message Series - C
4. M2-1 Background - White
   Message - Black
   MB2-1 Background - Blue
   Message - White
   MK2-1 Background - Green
   Message - White
   MM2-1 Background - White
   Message - Green
   MN2-1 Background - Brown
   Message - White
   MP2-1 Background - White
   Message - Blue
   MR2-1 Background - Brown
   Message - Yellow

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	21	15	1 1/2	3/8	3/8	9	3	8 7/8	8 5/8																	1/2	2.20
2M	21	15	1 1/2	3/8	3/8	9	3	8 7/8	8 5/8																	1/2	2.20
3	30	21	1 1/2	3/8	3/8	13	4	12 7/8	12 3/8																	1/2	4.40
4	30	21	1 1/2	3/8	3/8	13	4	12 7/8	12 3/8																	1/2	4.40
5	30	21	1 1/2	3/8	3/8	13	4	12 7/8	12 3/8																	1/2	4.40

STANDARD SIGN
M2-1

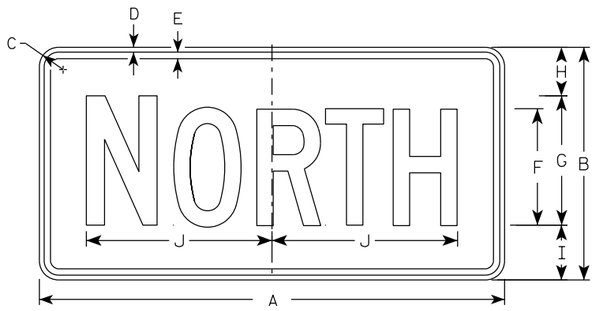
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

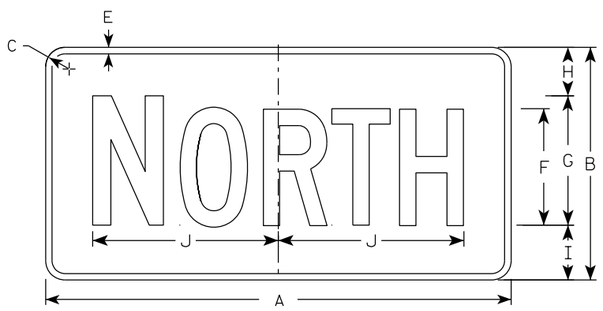
DATE 2/8/2023 PLATE NO. M2-1.14

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 228 | E

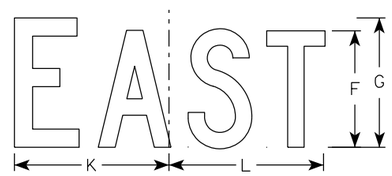
7



M3-1
MM3-1
MP3-1

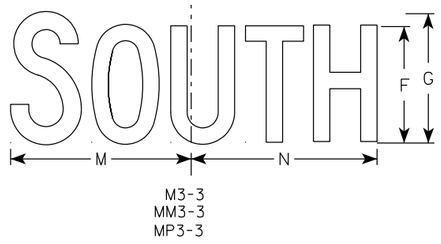


MB3-1
MK3-1
MN3-1

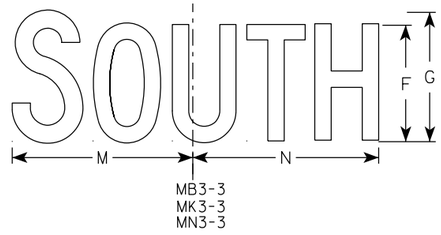


M3-2
MM3-2
MP3-2

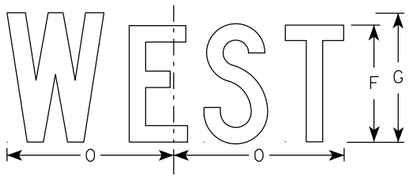
MB3-2
MK3-2
MN3-2



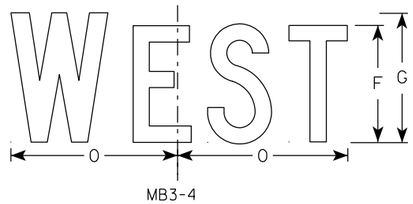
M3-3
MM3-3
MP3-3



MB3-3
MK3-3
MN3-3



M3-4
MM3-4
MP3-4



MB3-4
MK3-4
MN3-4

NOTES

1. All Signs Type II - Type H Reflective
2. Color:
   Background - See note 5
   Message - See note 5
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. M3-1 thru M3-4 Background - White
   Message - Black
   MB3-1 thru MB3-4 Background - Blue
   Message - White
   MK3-1 thru MK3-4 Background - Green
   Message - White
   MM3-1 thru MM3-4 Background - White
   Message - Green
   MN3-1 thru MN3-4 Background - Brown
   Message - White
   MP3-1 thru MP3-4 Background - White
   Message - Blue
6. Note the first letter of each direction is larger than the remainder of the message.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	12	1 1/2	3/8	3/8	6	7	2 1/4	2 3/4	10 1/4	7 7/8	8 3/8	10 1/4	9 3/4	8 3/4												2.00
2M	24	12	1 1/2	3/8	3/8	6	7	2 1/4	2 3/4	10 1/4	7 7/8	8 3/8	10 1/4	9 3/4	8 3/4												2.00
3	36	18	1 1/2	3/8	1/2	9	10	3 3/4	4 1/4	14 3/8	12	12 1/8	14	14 1/8	13												4.5
4	36	18	1 1/2	3/8	1/2	9	10	3 3/4	4 1/4	14 3/8	12	12 1/8	14	14 1/8	13												4.5
5	36	18	1 1/2	3/8	1/2	9	10	3 3/4	4 1/4	14 3/8	12	12 1/8	14	14 1/8	13												4.5

STANDARD SIGNS
M3-1 THRU M3-4
SERIES

WISCONSIN DEPT OF TRANSPORTATION

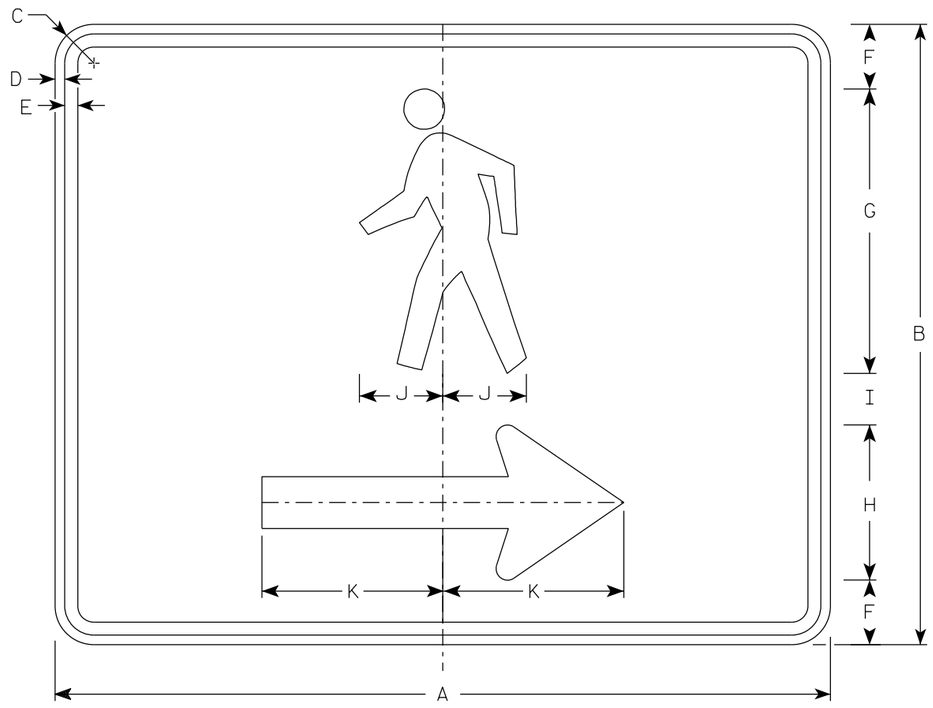
APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 2/8/2023 PLATE NO. M3-1.15

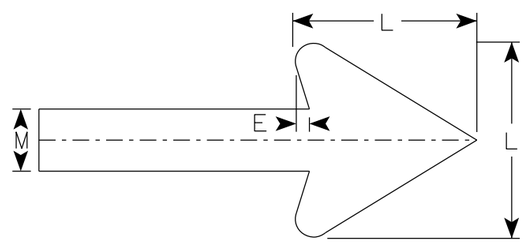
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 229 | E

NOTES

1. Sign is Type II- Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. M4-60L is the same as M4-60R except the arrow is reversed.



M4-60R



Arrow Detail

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	24	1 ½	⅜	½	2 ½	11	6	2	3 ¼	7	6	2														5.00
2M	30	24	1 ½	⅜	½	2 ½	11	6	2	3 ¼	7	6	2														5.00
3																											
4																											
5																											

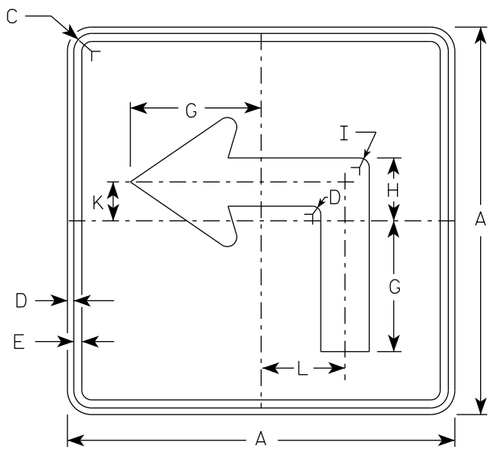
STANDARD SIGN
M4-60 L&R

WISCONSIN DEPT OF TRANSPORTATION

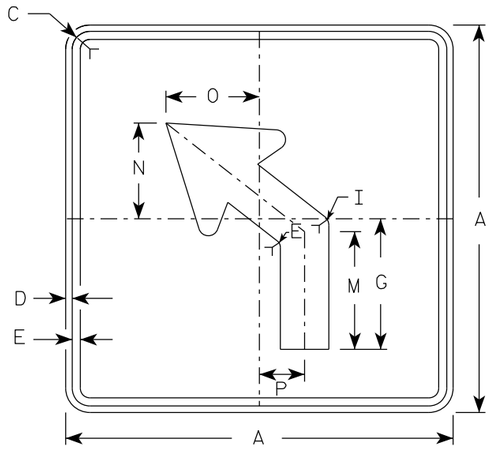
APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 2/14/2023 PLATE NO. M4-60.2

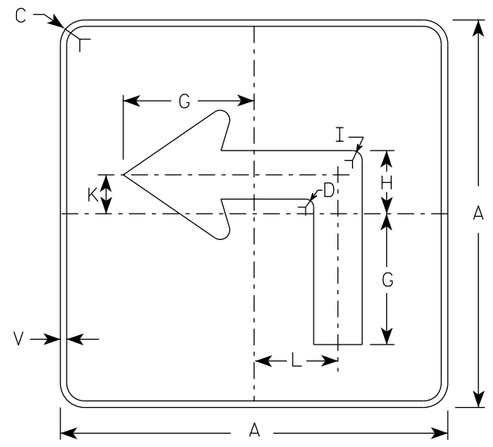
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 230 | E



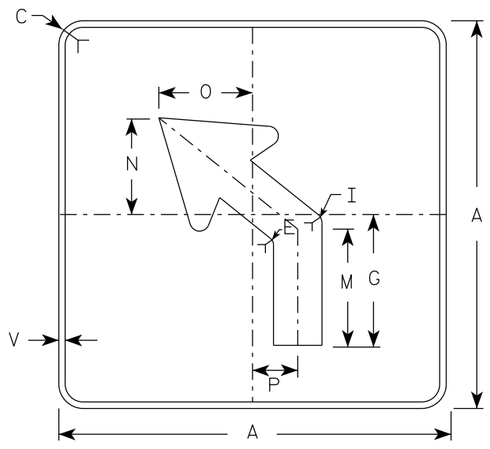
M5-1L
MM5-1L
MO5-1L
MP5-1L



M5-2L
MM5-2L
MO5-2L
MP5-2L



MB5-1L
MK5-1L
MN5-1L
MR5-1L

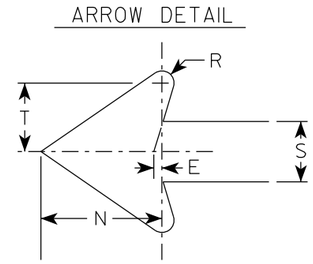


MB5-2L
MK5-2L
MN5-2L
MR5-2L

NOTES

1. Signs are Type II - Type H reflective except as shown
2. Color:
   Background - See note 4
   Message - See note 4
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. M5-1 and M5-2 Background - White
   Message - Black
   MB5-1 and MB5-2 Background - Blue
   Message - White
   MK5-1 and MK5-2 Background - Green
   Message - White
   MM5-1 and MM5-2 Background - White
   Message - Green
   MN5-1 and MN5-2 Background - Brown
   Message - White
   MO5-1 and MO5-2 Background - Orange - Type F Reflective
   Message - Black
   MP5-1 and MP5-2 Background - White
   Message - Blue
   MR5-1 and MR5-2 Background - Brown
   Message - Yellow
5. M5-1R same as M5-1L except arrow points right.
6. M5-2R same as M5-2L except arrow tilts right.

ARROW DETAIL



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	21		1 1/2	3/8	3/8		7	3 3/8	5/8		2 1/8	4 1/2	6 3/8	5 1/4	5	2 1/2		1/2	2 5/8	3		1/2					3.06
2M	21		1 1/2	3/8	3/8		7	3 3/8	5/8		2 1/8	4 1/2	6 3/8	5 1/4	5	2 1/2		1/2	2 5/8	3		1/2					3.06
3	30		1 7/8	1/2	5/8		10 1/8	4 7/8	7/8		3	6 1/2	9 1/8	7 1/2	7 1/4	3 1/2		3/4	3 3/4	4 1/4		1/2					6.25
4	30		1 7/8	1/2	5/8		10 1/8	4 7/8	7/8		3	6 1/2	9 1/8	7 1/2	7 1/4	3 1/2		3/4	3 3/4	4 1/4		1/2					6.25
5	30		1 7/8	1/2	5/8		10 1/8	4 7/8	7/8		3	6 1/2	9 1/8	7 1/2	7 1/4	3 1/2		3/4	3 3/4	4 1/4		1/2					6.25

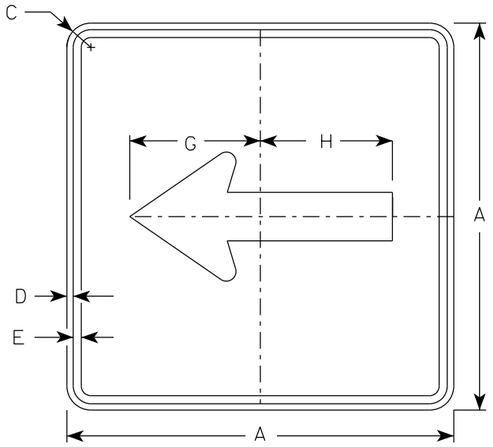
STANDARD SIGN
M5-1 & M5-2

WISCONSIN DEPT OF TRANSPORTATION

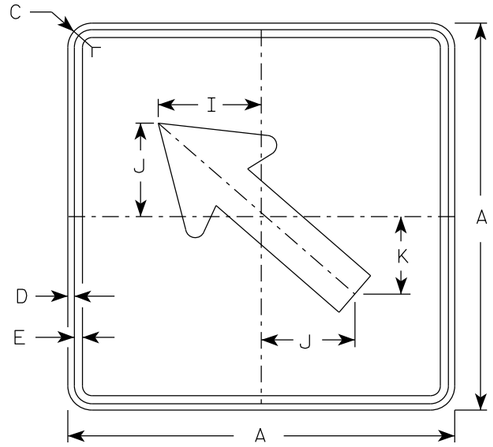
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/13/2023 PLATE NO. M5-1.15

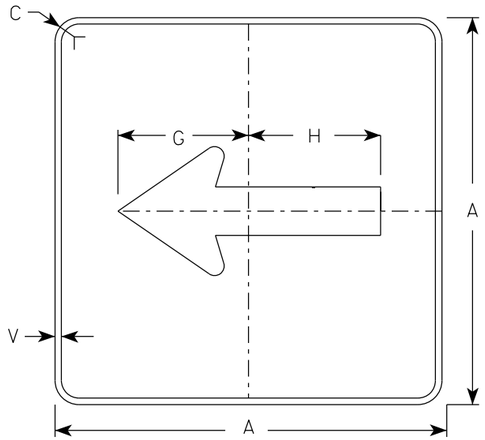
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 231 | E



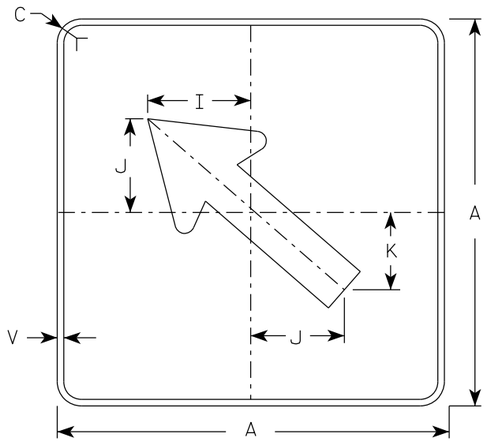
M6-1
MM6-1
MO6-1
MP6-1



M6-2
MM6-2
MO6-2
MP6-2



MB6-1
MK6-1
MN6-1
MR6-1

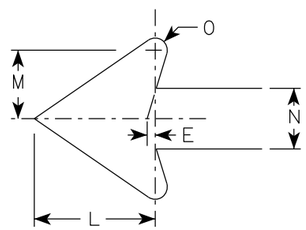


MB6-2
MK6-2
MN6-2
MR6-2

NOTES

1. Signs are Type II - Type H Reflective except as Shown
2. Color:
   Background - See note 4
   Message - See note 4
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. M6-1 and M6-2 Background - White
   Message - Black
   MB6-1 and MB6-2 Background - Blue
   Message - White
   MK6-1 and MK6-2 Background - Green
   Message - White
   MM6-1 and MM6-2 Background - White
   Message - Green
   MN6-1 and MN6-2 Background - Brown
   Message - White
   MO6-1 and MO6-2 Background - Orange - Type F Reflective
   Message - Black
   MP6-1 and MP6-2 Background - White
   Message - Blue
   MR6-1 and MR6-2 Background - Brown
   Message - Yellow

ARROW DETAIL



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	21		1 1/2	3/8	3/8		7 1/2	7 1/8	5 5/8	5	4 1/4	5 1/4	3	2 5/8	1/2							1/2					3.06
2M	21		1 1/2	3/8	3/8		7 1/2	7 1/8	5 5/8	5	4 1/4	5 1/4	3	2 5/8	1/2							1/2					3.06
3	30		1 7/8	1/2	5/8		10 3/4	10 1/4	8	7 1/4	6	7 1/2	4 1/4	3 3/4	3/4							1/2					6.25
4	30		1 7/8	1/2	5/8		10 3/4	10 1/4	8	7 1/4	6	7 1/2	4 1/4	3 3/4	3/4							1/2					6.25
5	30		1 7/8	1/2	5/8		10 3/4	10 1/4	8	7 1/4	6	7 1/2	4 1/4	3 3/4	3/4							1/2					6.25

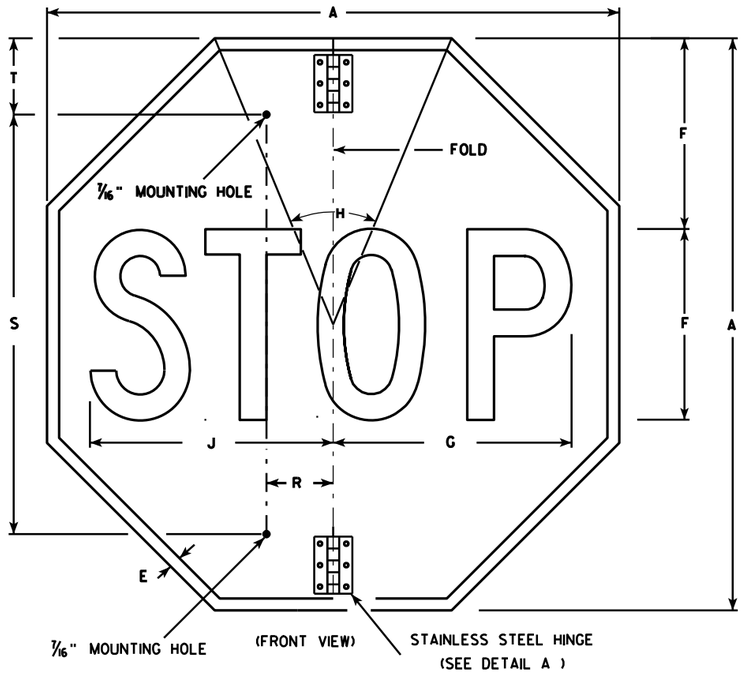
STANDARD SIGN
M6-1 & M6-2
SERIES

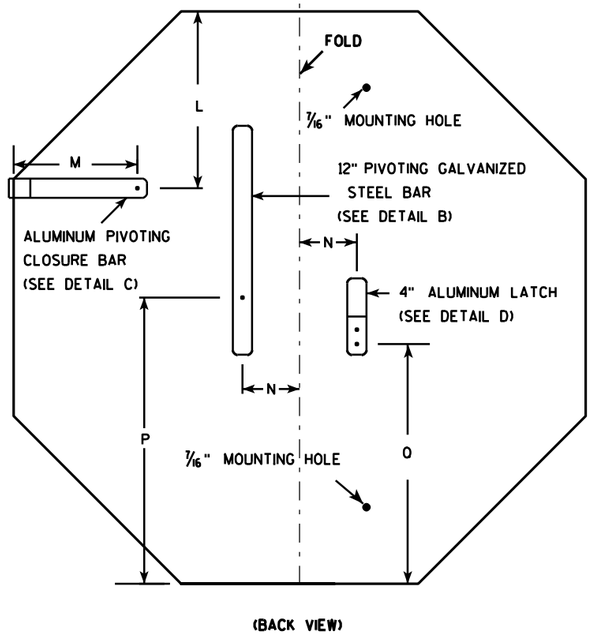
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 2/13/2023 PLATE NO. M6-1.16

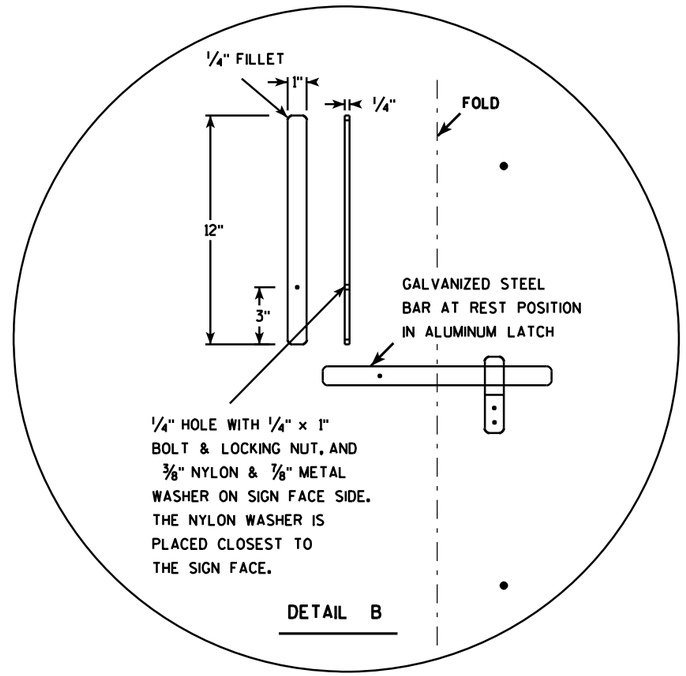
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 232 | E



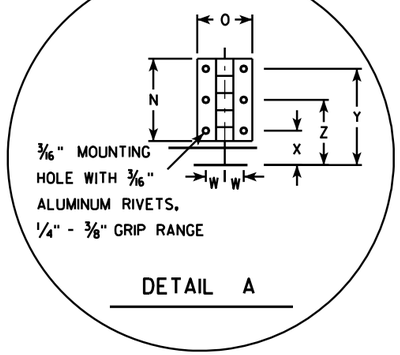


NOTES

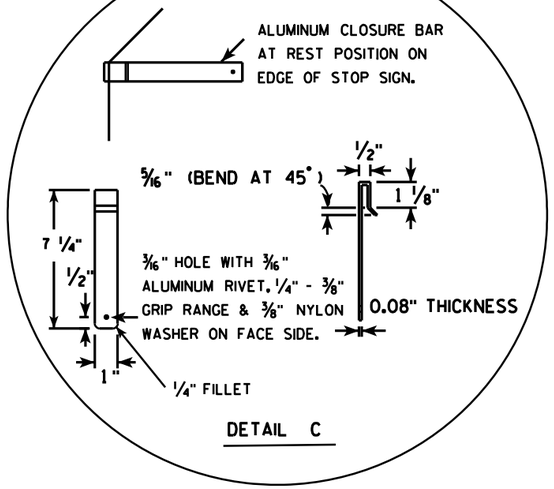
1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Red
   Message - White
3. Message Series - C
4. All hardware used on the folding STOP sign installation shall conform to 637.2.4 of the WIS DOT Standard Specification.



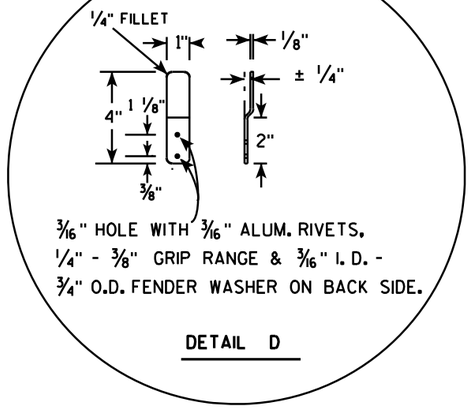
DETAIL B



DETAIL A



DETAIL C



DETAIL D

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	O	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30				5/8	10	12 1/2	45		12 3/4		9 1/4	6 1/2	3	2	15	12 3/8	2 1/2	22	5			11/16	1 1/4	3 1/2	2 3/8	5.18
2M	36				3/4	12	15	45		15 3/8		11	6 1/2	3	2	18	15 3/8	2 1/2	26	5			11/16	1 1/4	3 1/2	2 3/8	7.46
3	36				3/4	12	15	45		15 3/8		11	6 1/2	3	2	18	15 3/8	2 1/2	26	5			11/16	1 1/4	3 1/2	2 3/8	7.46
4																											
5																											

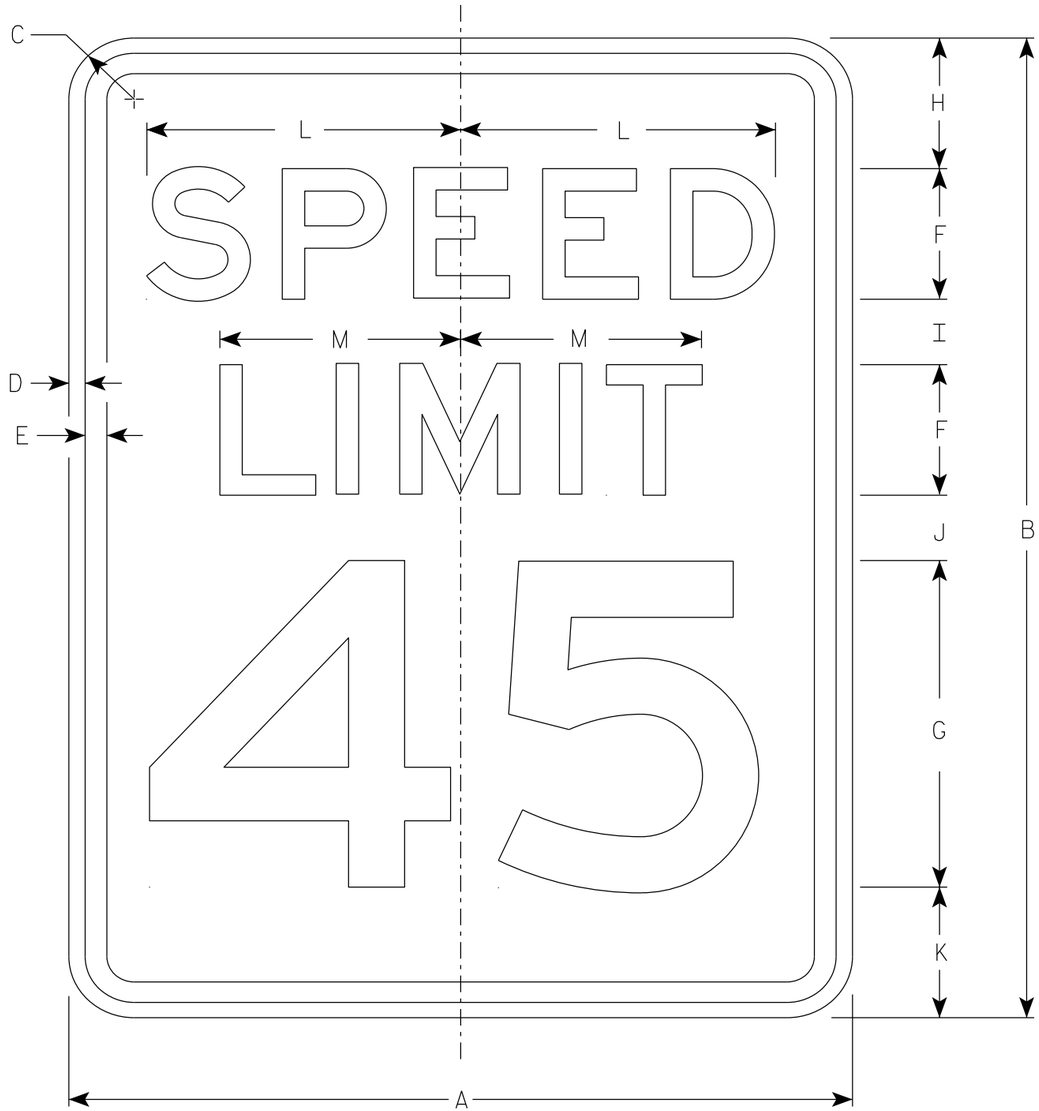
STANDARD SIGN
R1-1F

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/03/10 PLATE NO. R1-1F.3

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 233 | E



R2-1

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - E
4. Substitute appropriate numerals and optically adjust spacing to achieve proper balance.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	18	24	1 1/2	3/8	1/2	3	8	3	2	2	3	7 1/4	5 1/2														3.0
2S	24	30	1 1/2	3/8	1/2	4	10	3	2 1/4	3 3/8	3 3/8	9 5/8	7 3/8														5.0
2M	30	36	1 7/8	1/2	5/8	5	12	5	2 1/2	2 1/2	4	12	9 1/4														7.5
3	36	48	1 7/8	1/2	5/8	6	14	6	5	5	6	14 3/8	11														12.0
4	36	48	1 7/8	1/2	5/8	6	14	6	5	5	6	14 3/8	11														12.0
5	48	60	3	3/4	1	8	20	6	4 1/2	6 3/4	6 3/4	19 1/4	14 5/8														20.0

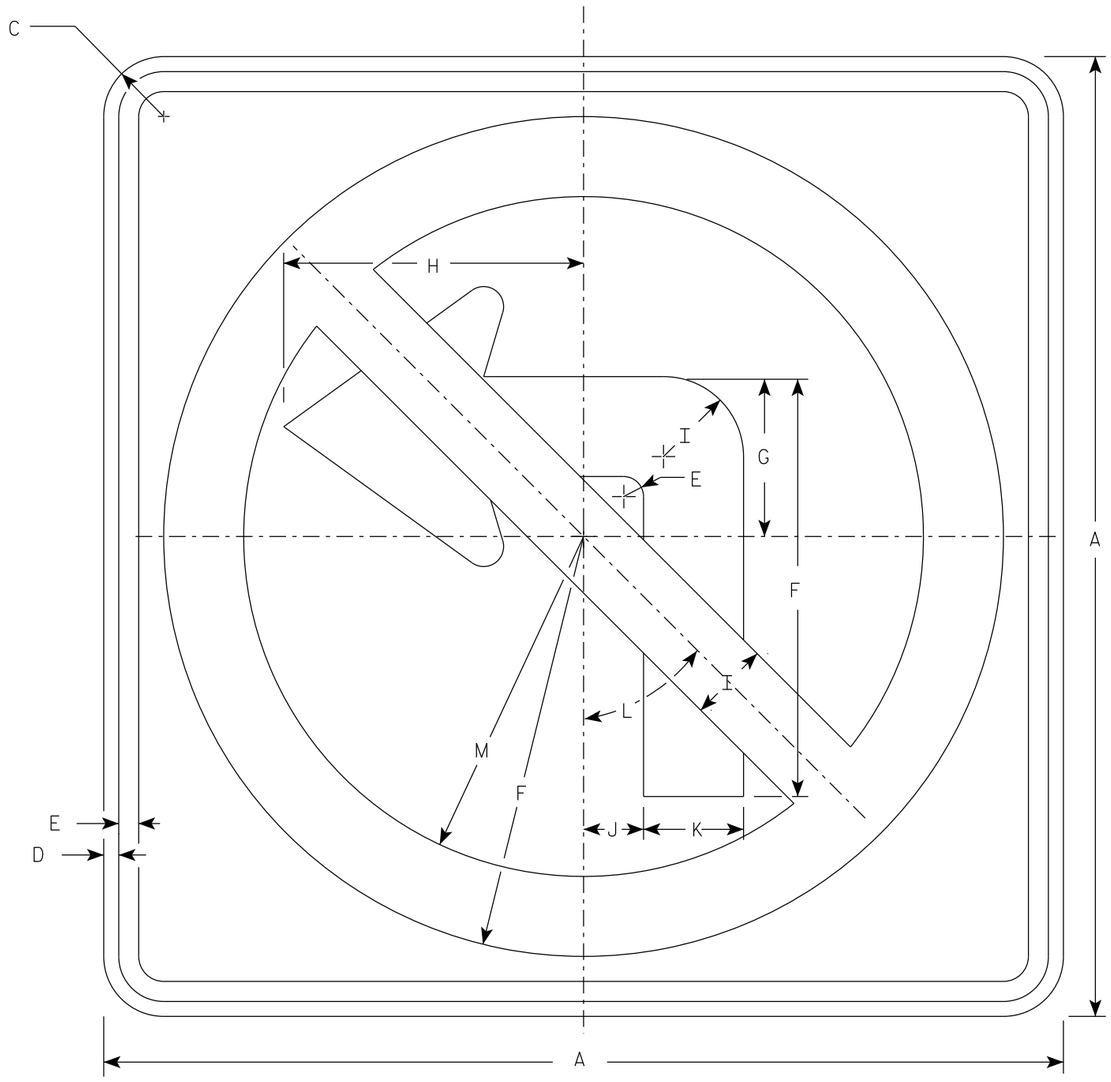
STANDARD SIGN
R2-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/1/23 PLATE NO. R2-1.14

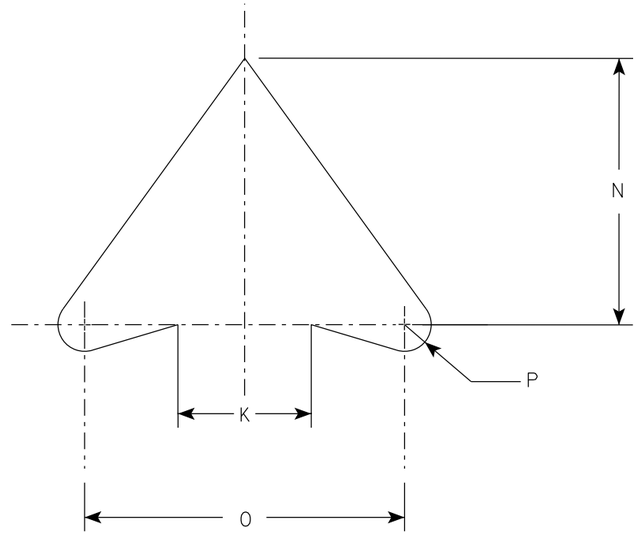
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 234 | E



R3-2

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - See note 3
3. Border & Arrow are non reflective black, the circle with diagonal bar is reflective red.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24		1 ½	⅜	½	10 ½	4	7 ½	2	1 ½	2 ½	45°	8 ½	5	6	½											4.0
2S	24		1 ½	⅜	½	10 ½	4	7 ½	2	1 ½	2 ½	45°	8 ½	5	6	½											4.0
2M	36		2 ¼	⅝	¾	15 ¾	6	11 ¼	3	2 ¼	3 ¾	45°	12 ¾	7 ½	9	¾											9.0
3	36		2 ¼	⅝	¾	15 ¾	6	11 ¼	3	2 ¼	3 ¾	45°	12 ¾	7 ½	9	¾											9.0
4	36		2 ¼	⅝	¾	15 ¾	6	11 ¼	3	2 ¼	3 ¾	45°	12 ¾	7 ½	9	¾											9.0
5	48		2 ¼	¾	1	21	8	15	4	3	5	45°	17	10	12	1											16.0

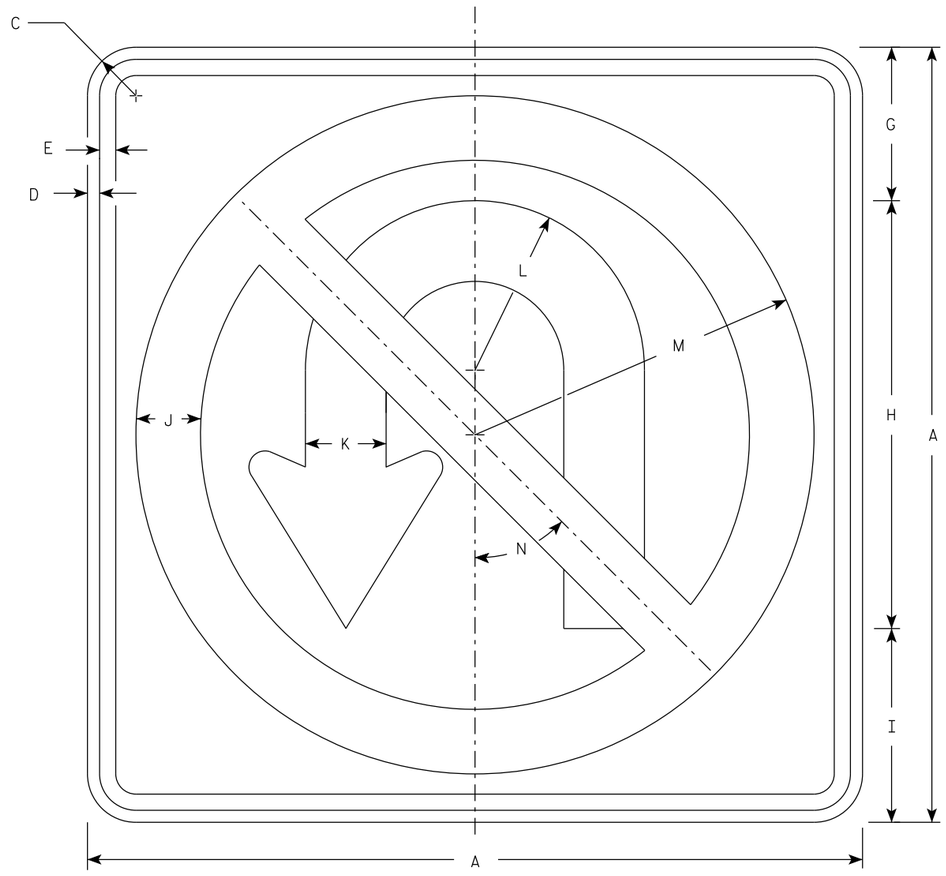
STANDARD SIGN
R3-2

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/2/23 PLATE NO. R3-2.11

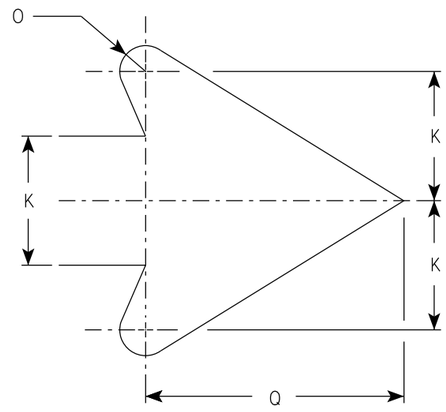
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 235 | E



R3-4

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - See note 3
3. Border & Arrow are non reflective black, the circle with diagonal bar is reflective red.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24		1 1/2	3/8	1/2		4 3/4	13 1/4	6	2	2 1/2	5 1/4	10 1/2	45°	1/2		5										4.0
2M	36		2 1/4	5/8	3/4		7 1/8	19 7/8	9	3	3 3/4	7 7/8	15 3/4	45°	3/4		7 5/8										9.0
3	36		2 1/4	5/8	3/4		7 1/8	19 7/8	9	3	3 3/4	7 7/8	15 3/4	45°	3/4		7 5/8										9.0
4	36		2 1/4	5/8	3/4		7 1/8	19 7/8	9	3	3 3/4	7 7/8	15 3/4	45°	3/4		7 5/8										9.0
5	48		3	3/4	1		9 1/2	26 1/2	12	4	5	10 1/2	21	45°	1		10										16.0

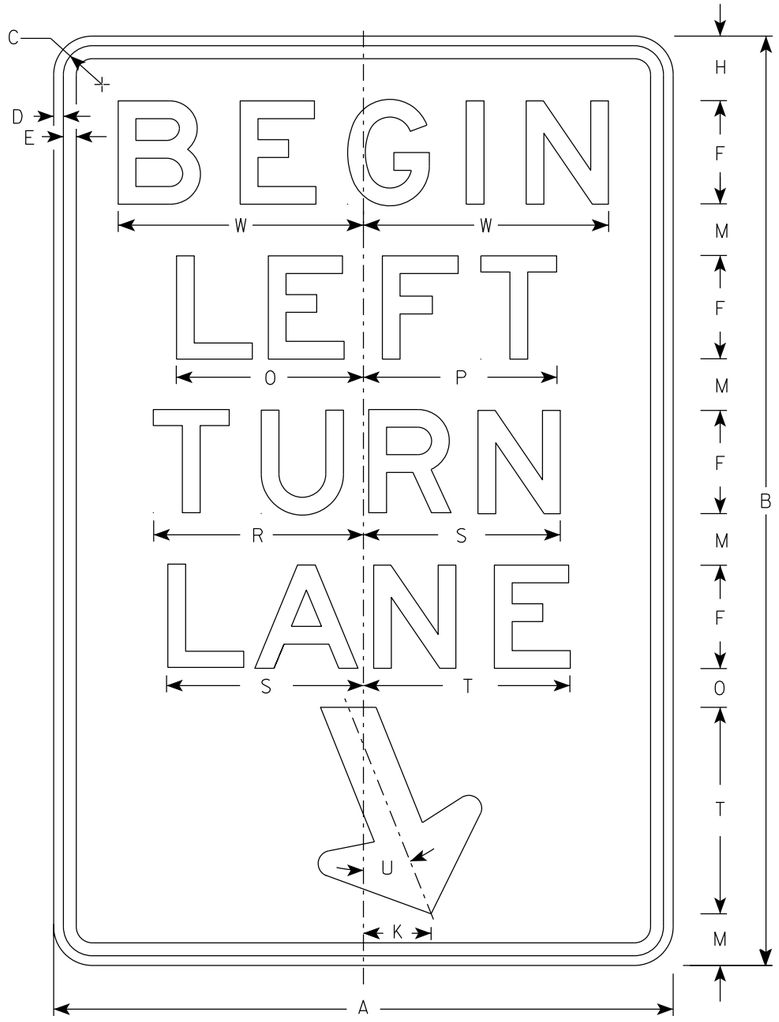
STANDARD SIGN
R3-4

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 7/10/2025 PLATE NO. R3-4.13

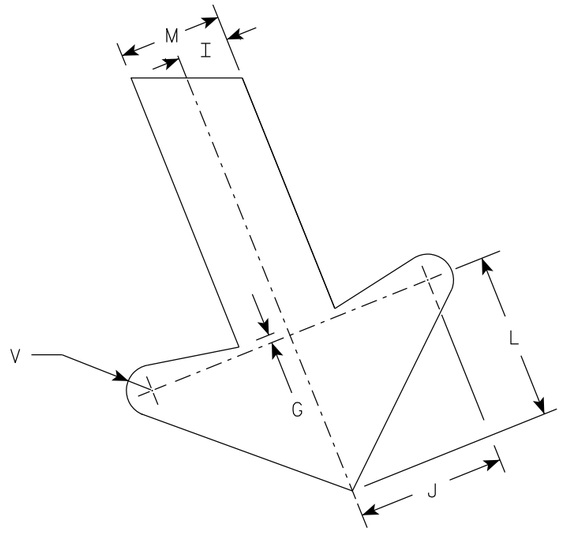
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 236 | E



R3-20L

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - E



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	36	1 1/2	3/8	1/2	4	1/4	2 1/2	1	2 7/8	2 5/8	3 1/4	2	1 1/2	7 1/4	7 1/2		8 1/8	7 5/8	8	22°	1/2	9 1/2				6.0
2M	24	36	1 1/2	3/8	1/2	4	1/4	2 1/2	1	2 7/8	2 5/8	3 1/4	2	1 1/2	7 1/4	7 1/2		8 1/8	7 5/8	8	22°	1/2	9 1/2				6.0
3	36	54	1 7/8	1/2	5/8	6	3/8	3 3/4	1 1/2	4 1/4	4	4 7/8	3	2 1/4	10 7/8	11 1/4		12 1/4	11 1/2	12	22°	3/4	13 1/4				13.5
4																											
5																											

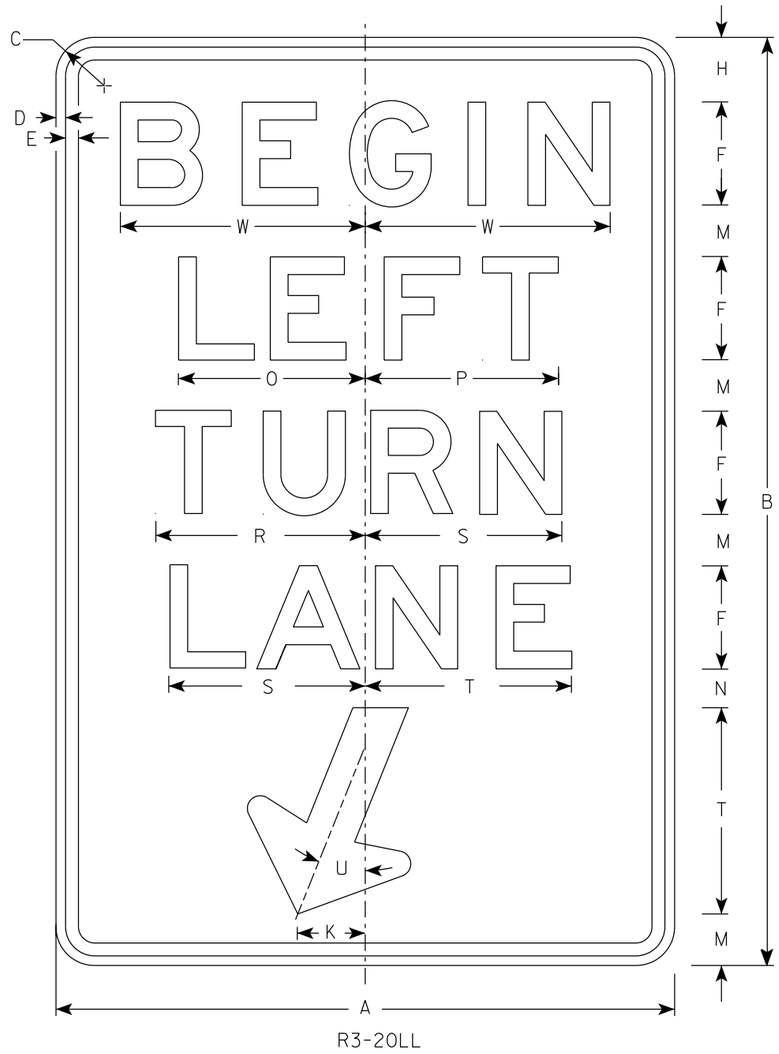
STANDARD SIGN
R3-20L

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/23/23 PLATE NO. R3-20L.8

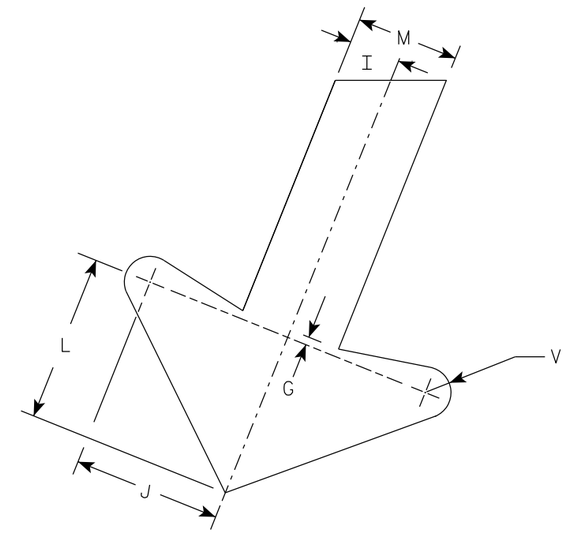
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 237 | E



R3-20LL

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - E



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	36	1 1/2	3/8	1/2	4	1/4	2 1/2	1	2 7/8	2 5/8	3 1/4	2	1 1/2	7 1/4	7 1/2		8 1/8	7 5/8	8	22°	1/2	9 1/2				6.0
2M	24	36	1 1/2	3/8	1/2	4	1/4	2 1/2	1	2 7/8	2 5/8	3 1/4	2	1 1/2	7 1/4	7 1/2		8 1/8	7 5/8	8	22°	1/2	9 1/2				6.0
3	36	54	1 7/8	1/2	5/8	6	3/8	3 3/4	1 1/2	4 1/4	4	4 7/8	3	2 1/4	10 7/8	11 1/4		12 1/4	11 1/2	12	22°	3/4	13 1/4				13.5
4																											
5																											

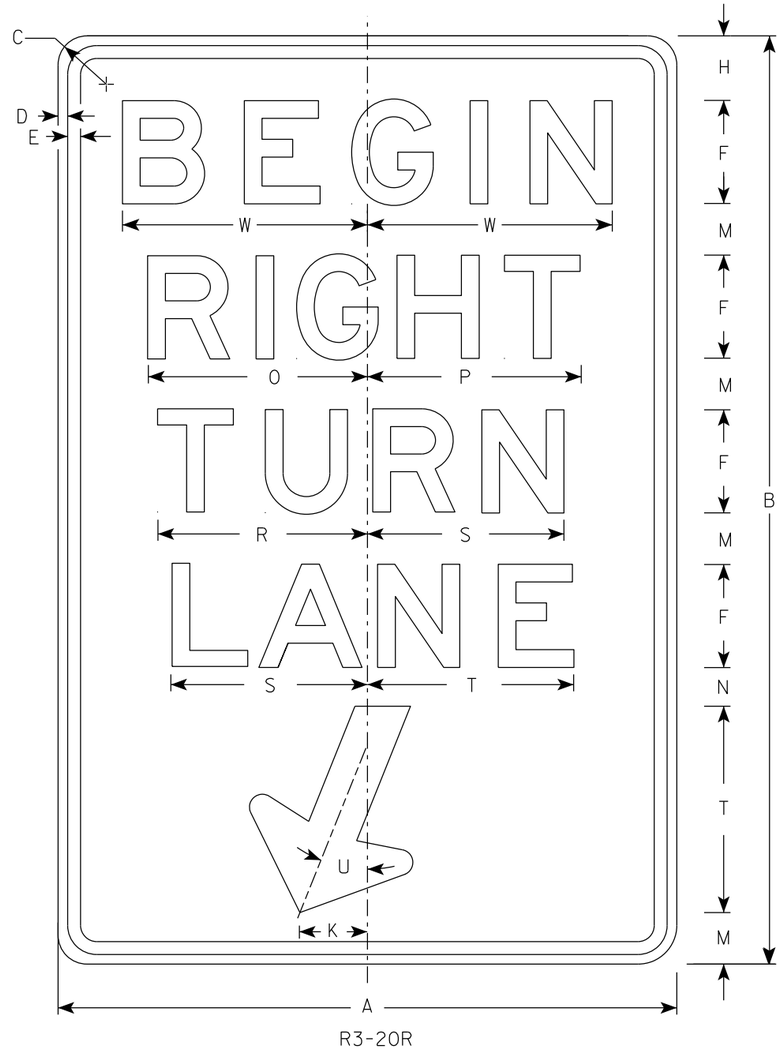
STANDARD SIGN
R3-20LL

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/23/23 PLATE NO. R3-20LL.2

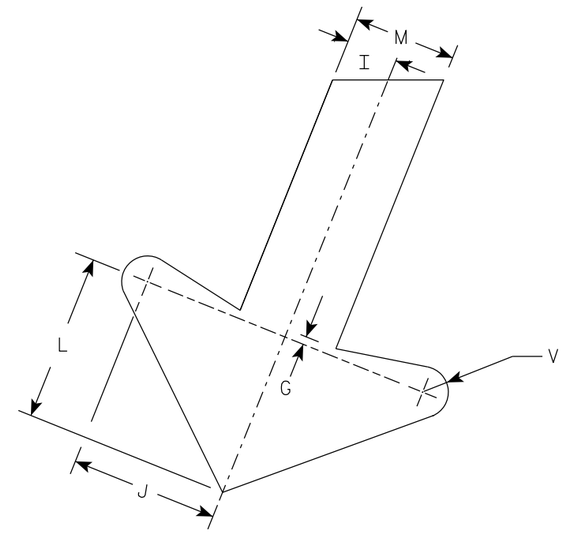
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 238 | E



R3-20R

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - E



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	36	1 1/2	3/8	1/2	4	1/4	2 1/2	1	2 7/8	2 5/8	3 1/4	2	1 1/2	8 1/2	8 1/4		8 1/8	7 5/8	8	22°	1/2	9 1/2				6.0
2M	24	36	1 1/2	3/8	1/2	4	1/4	2 1/2	1	2 7/8	2 5/8	3 1/4	2	1 1/2	8 1/2	8 1/4		8 1/8	7 5/8	8	22°	1/2	9 1/2				6.0
3	36	54	1 7/8	1/2	5/8	6	3/8	3 3/4	1 1/2	4 1/4	4	4 7/8	3	2 1/4	12 3/4	12 1/2		12 1/4	11 1/2	12	22°	3/4	13 1/4				13.5
4																											
5																											

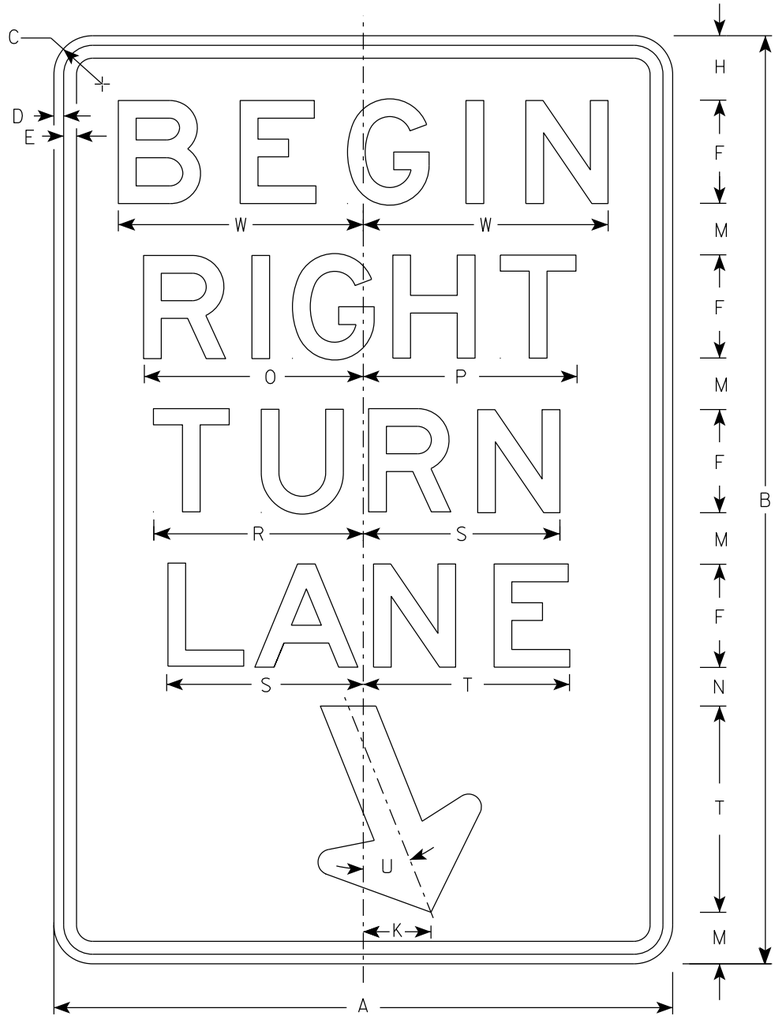
STANDARD SIGN
R3-20R

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 2/23/23 PLATE NO. R3-20R.7

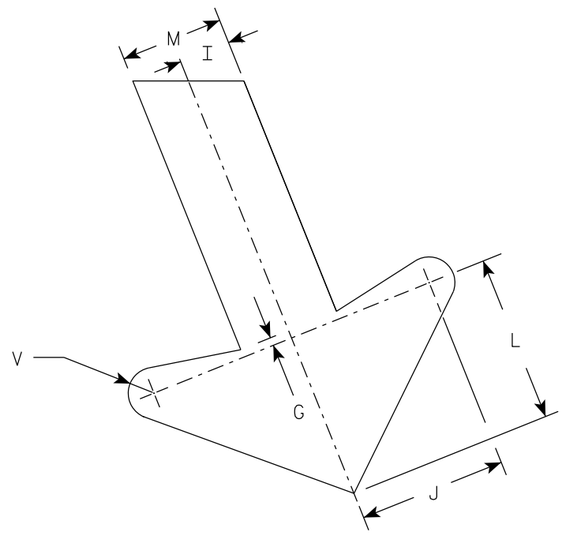
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 239 | E



R3-20RR

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - E



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	36	1 1/2	3/8	1/2	4	1/4	2 1/2	1	2 7/8	2 5/8	3 1/4	2	1 1/2	8 1/2	8 1/4		8 1/8	7 5/8	8	22°	1/2	9 1/2				6.0
2M	24	36	1 1/2	3/8	1/2	4	1/4	2 1/2	1	2 7/8	2 5/8	3 1/4	2	1 1/2	8 1/2	8 1/4		8 1/8	7 5/8	8	22°	1/2	9 1/2				6.0
3	36	54	1 7/8	1/2	5/8	6	3/8	3 3/4	1 1/2	4 1/4	4	4 7/8	3	2 1/4	12 3/4	12 1/2		12 1/4	11 1/2	12	22°	3/4	13 1/4				13.5
4																											
5																											

STANDARD SIGN
R3-20RR

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

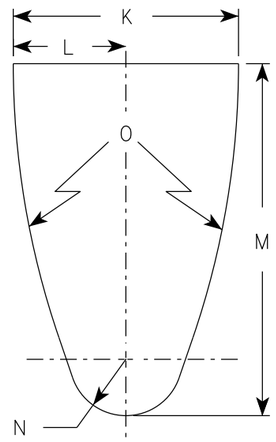
DATE 2/23/23 PLATE NO. R3-20RR.2

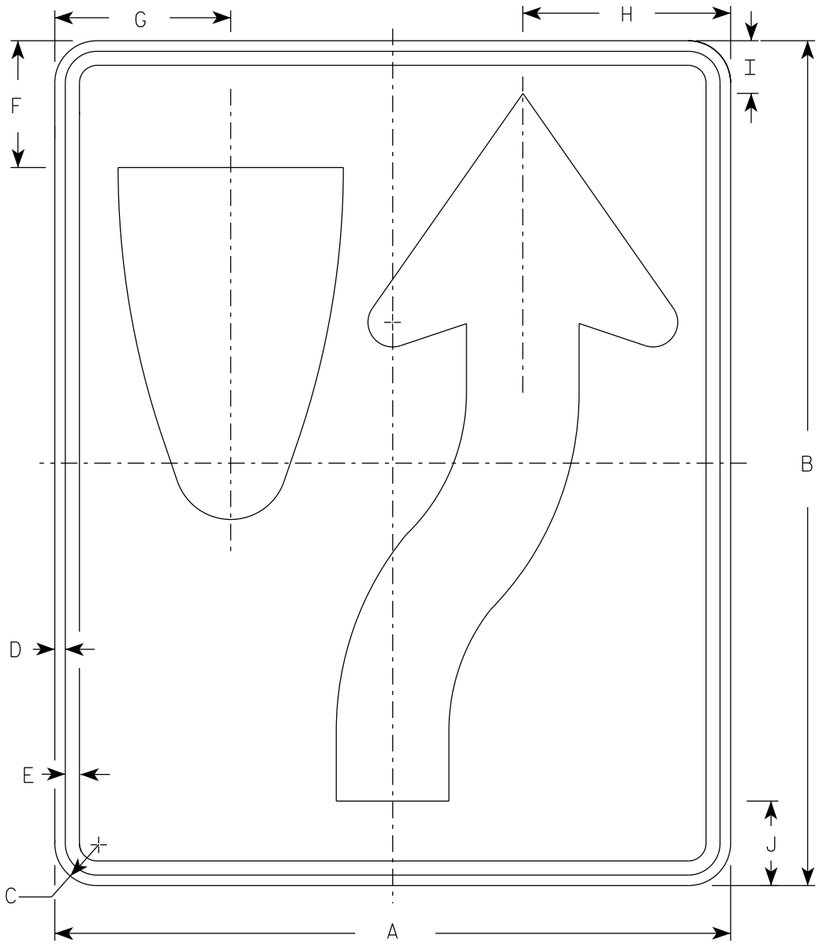
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 240	E

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. R4-8 is the same as R4-7 except Legend is reversed.

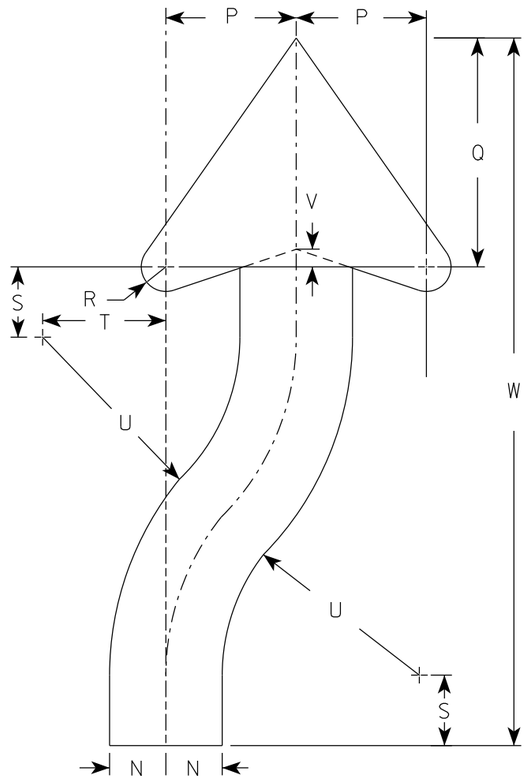
DIVIDER DETAIL





R4-7

ARROW DETAIL



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	18	24	1 1/2	3/8	1/2	3 3/8	4 3/4	5 1/2	1 3/8	2 1/4	6	3	9 3/8	1 1/2	22 1/2	3 1/2	6 1/8	5/8	1 7/8	3 1/4	6 3/4	1/2	20 3/8				3.0
2S	24	30	1 1/2	3/8	1/2	4 1/2	6 1/4	7 3/8	1 7/8	3	8	4	12 1/2	2	30	4 5/8	8 1/8	7/8	2 1/2	4 3/8	9	5/8	25 1/8				5.0
2M	24	30	1 1/2	3/8	1/2	4 1/2	6 1/4	7 3/8	1 7/8	3	8	4	12 1/2	2	30	4 5/8	8 1/8	7/8	2 1/2	4 3/8	9	5/8	25 1/8				5.0
3	36	48	1 7/8	1/2	5/8	6 3/4	9 3/8	11 1/8	2 7/8	4 1/2	12	6	18 3/4	3	45	6 7/8	12 1/4	1 1/4	3 3/4	6 5/8	13 1/2	1	40 3/4				12.0
4	36	48	1 7/8	1/2	5/8	6 3/4	9 3/8	11 1/8	2 7/8	4 1/2	12	6	18 3/4	3	45	6 7/8	12 1/4	1 1/4	3 3/4	6 5/8	13 1/2	1	40 3/4				12.0
5	48	60	3	3/4	1	9	12 1/2	14 3/4	3 3/4	6	16	8	25	4	60	9 1/4	16 1/4	1 5/8	5	8 3/4	18	1 1/4	50 1/4				20.0

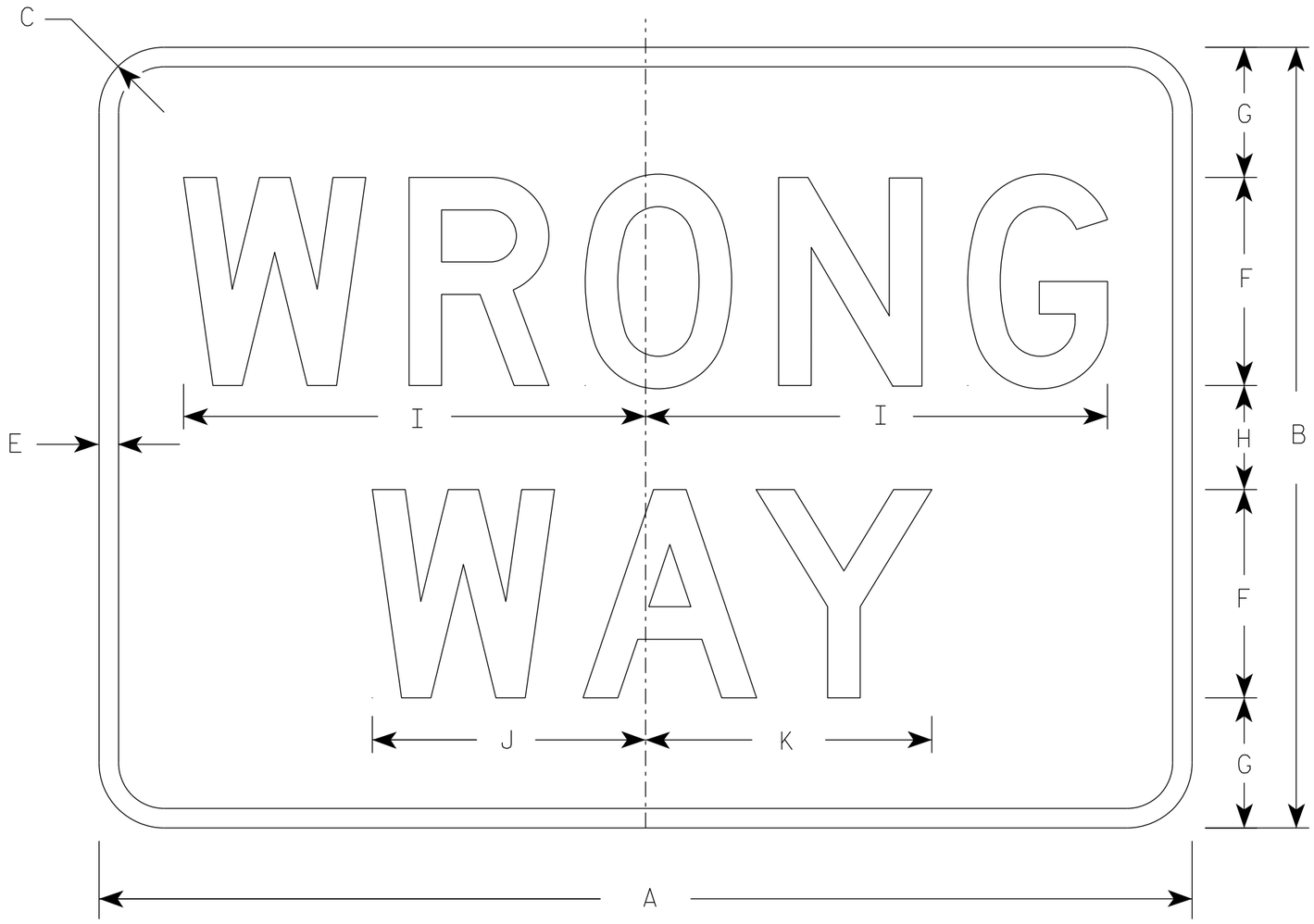
STANDARD SIGN
R4-7 & R4-8

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch for State Traffic Engineer

DATE 8/17/23 PLATE NO. R4-7.9

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 241	E



R5-1A

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - Red
   Message - White
3. Message Series - D

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30	18	1 1/2		1/2	5	3	2	11	6 1/2	6 7/8																3.75
2S	36	24	1 1/2		5/8	6	4 1/2	3	13 1/4	7 7/8	8 1/4																6.00
2M	42	30	1 7/8		3/4	8	5	4	17 3/4	10 1/2	11																8.75
3	42	30	1 7/8		3/4	8	5	4	17 3/4	10 1/2	11																8.75
4	42	30	1 7/8		3/4	8	5	4	17 3/4	10 1/2	11																8.75
5	42	30	1 7/8		3/4	8	5	4	17 3/4	10 1/2	11																8.75

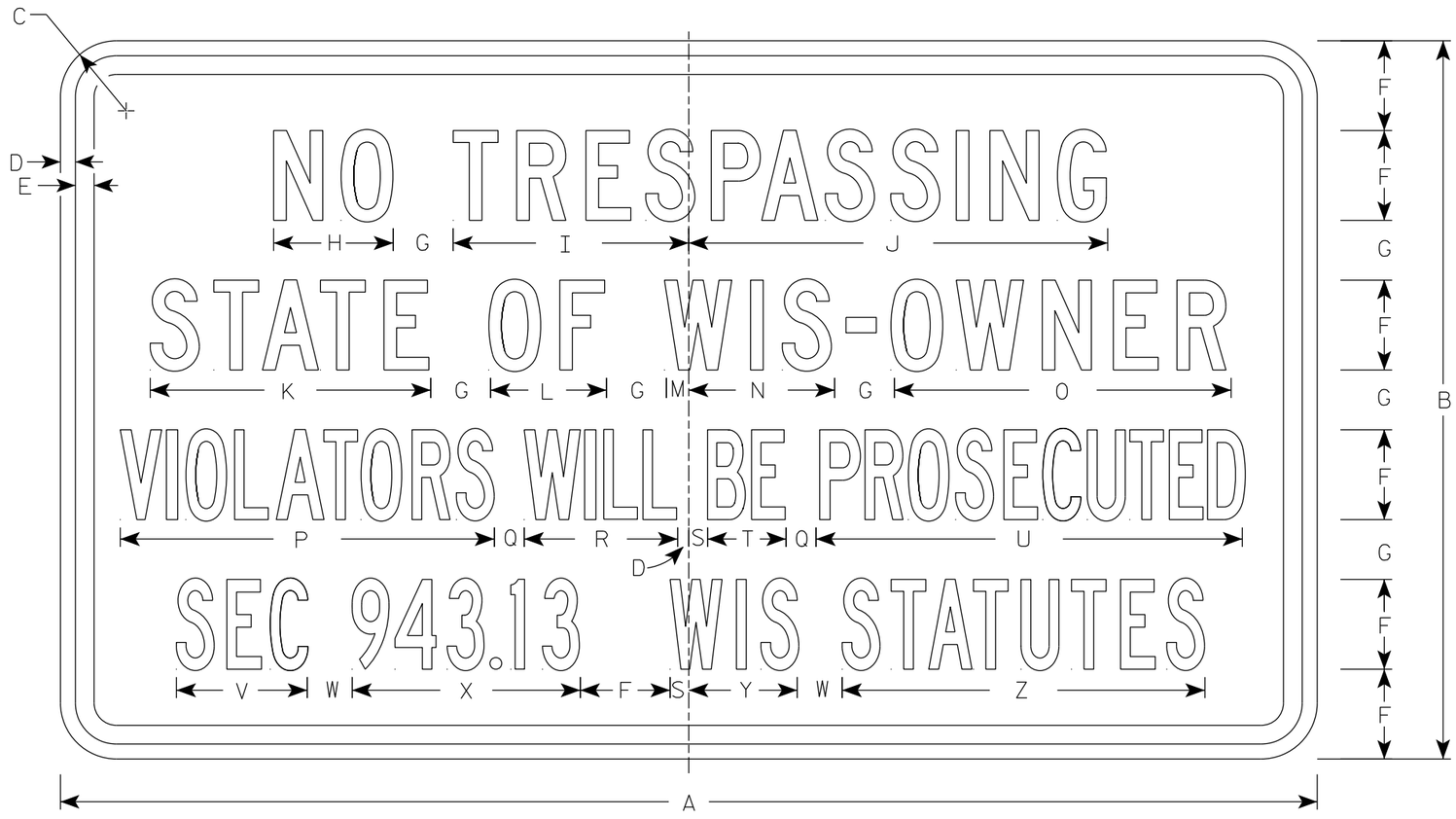
STANDARD SIGN
R5-1A

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 8/17/23 PLATE NO. R5-1A.3

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 242 | E



R5-98

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - See note 4
4. Lines 1 and 2 are Series C
   Lines 3 and 4 are Series B

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	42	24	1 7/8	1/2	5/8	3	2	4	7 7/8	14	9 3/8	3 7/8	3/4	4 7/8	11 1/4	12 1/2	1	5 1/8	5/8	2 5/8	14 1/4	4 3/8	1 1/2	7 5/8	3 5/8	12 1/8	7.00
2M	42	24	1 7/8	1/2	5/8	3	2	4	7 7/8	14	9 3/8	3 7/8	3/4	4 7/8	11 1/4	12 1/2	1	5 1/8	5/8	2 5/8	14 1/4	4 3/8	1 1/2	7 5/8	3 5/8	12 1/8	7.00
3																											
4																											
5																											

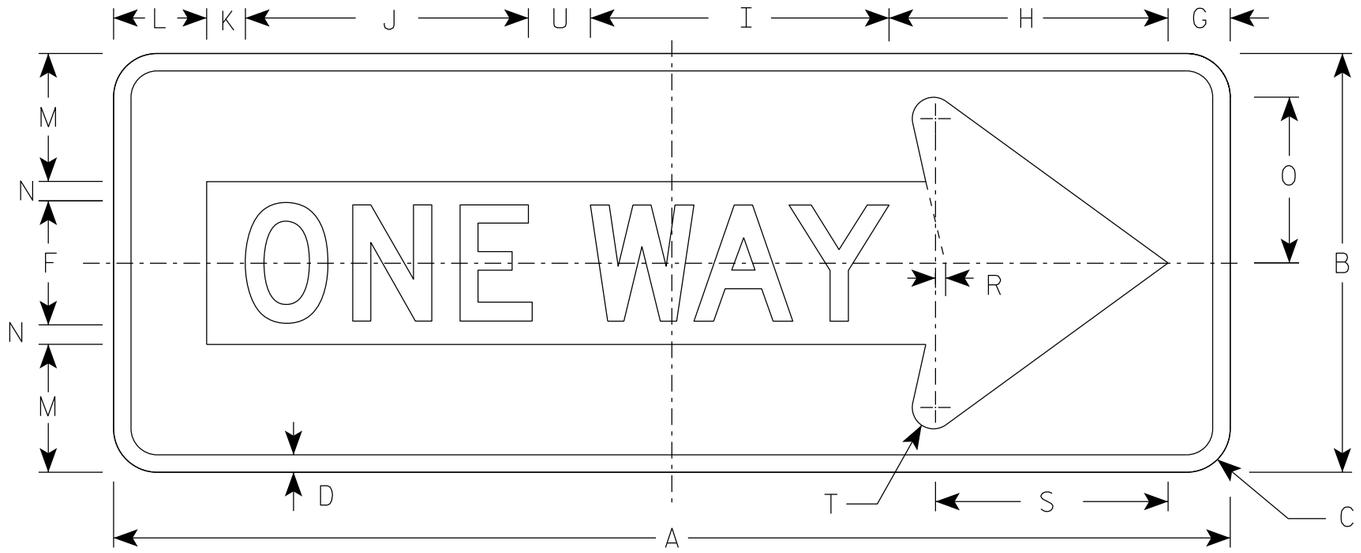
STANDARD SIGN
R5-98

WISCONSIN DEPT OF TRANSPORTATION

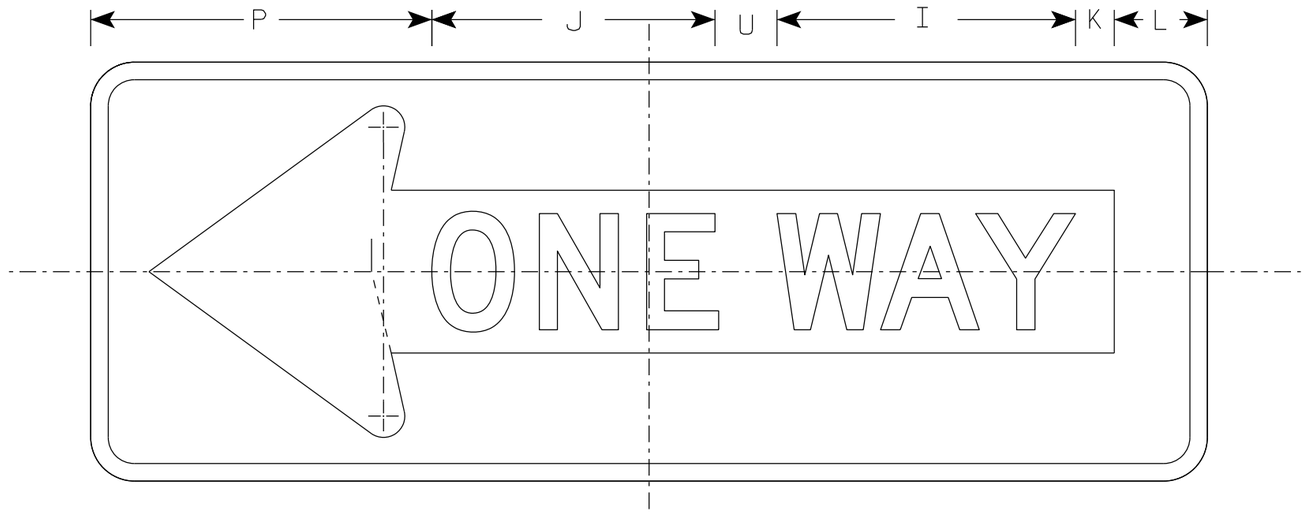
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 8/30/23 PLATE NO. R5-98.7

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 243 | E



R6-1R



R6-1L

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - Black
   Message - Black Legend & White Arrow & Border
3. Message Series - D

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	36	12	1 1/2	1/2		4	2	7 1/2	9 5/8	9 1/8	1 1/4	3	3 3/8	5/8	4 3/8	11		3/8	7 1/2	3/4	2						3.0
2M	48	18	1 7/8	3/4		5	2 1/2	11	13	12 1/4	2 3/4	3 1/2	5 1/2	1	7 1/8	13 1/2		1/2	10 1/8	7/8	3						6.0
3	48	18	1 7/8	3/4		5	2 1/2	11	13	12 1/4	2 3/4	3 1/2	5 1/2	1	7 1/8	13 1/2		1/2	10 1/8	7/8	3						6.0
4	48	18	1 7/8	3/4		5	2 1/2	11	13	12 1/4	2 3/4	3 1/2	5 1/2	1	7 1/8	13 1/2		1/2	10 1/8	7/8	3						6.0
5																											

STANDARD SIGN
R6-1 L&R

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

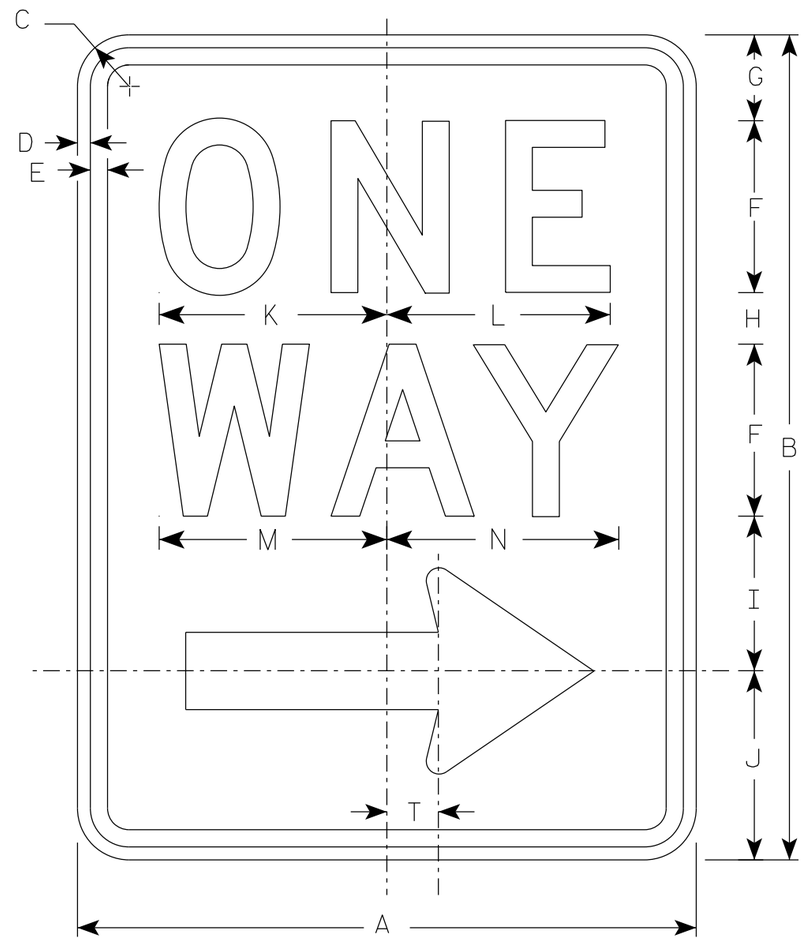
DATE 4/7/2025 PLATE NO. R6-1.5

PROJECT NO:

SHEET NO: 244 E

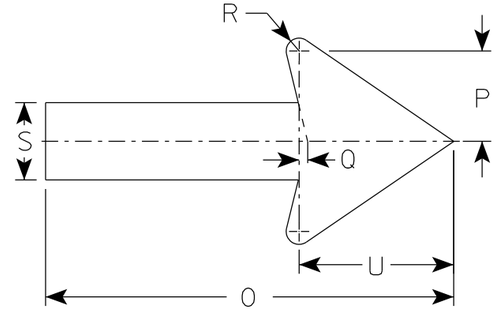
NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D
4. R6-2L same as R6-2R except arrow points to the left.



R6-2R

Arrow Detail



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
1	18	24	1 1/2	3/8	1/2	5	2 1/2	1 1/2	4 1/2	5 1/2	6 5/8	6 1/2	6 5/8	6 3/4	11 7/8	2 5/8	1/4	3/8	2 1/4	1 1/2	4 1/2					
2S	24	1 1/2	1 1/2	3/8	1/2	6	3	2 1/2	5 1/2	7	8 1/8	8 1/8	8 1/2	8 5/8	16	3 1/2	3/8	1/2	3	2	6					
2M	30	36	1 7/8	1/2	5/8	8	2 1/2	2 5/8	6 7/8	8	10 1/2	10 1/2	11 1/4	11 1/4	20	4 3/8	1/2	5/8	3 3/4	2 1/2	7 1/2					
3	36	48	1 7/8	1/2	5/8	10	5 1/4	3 1/4	9	10 1/2	12 3/4	12 3/4	13 1/4	13 1/2	24	5 5/8	1/2	3/4	4 3/4	3	9					
4	36	48	1 7/8	1/2	5/8	10	5 1/4	3 1/4	9	10 1/2	12 3/4	12 3/4	13 1/4	13 1/2	24	5 5/8	1/2	3/4	4 3/4	3	9					
5																										

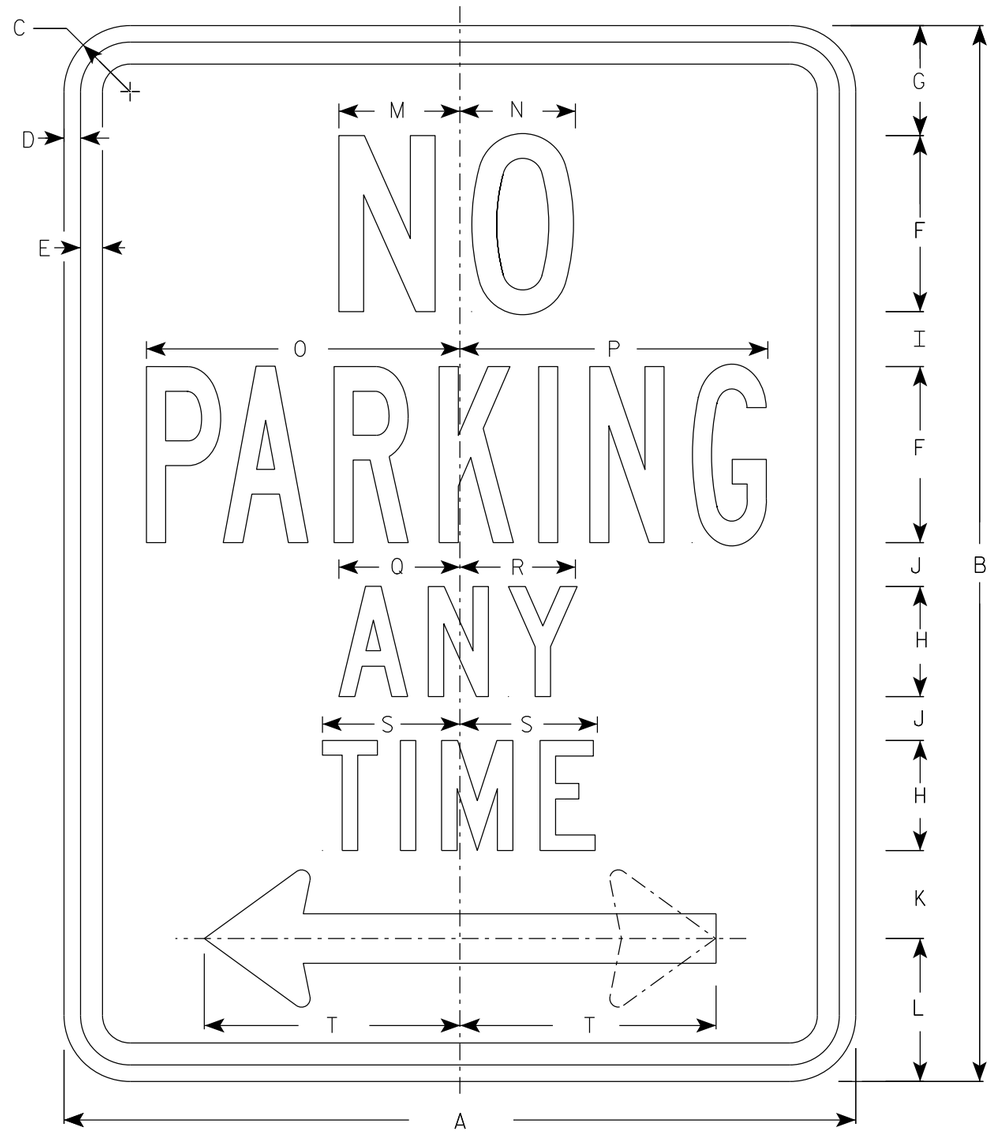
STANDARD SIGN
R6-2 R&L

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/2/10 PLATE NO. R6-2.8

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 245	E

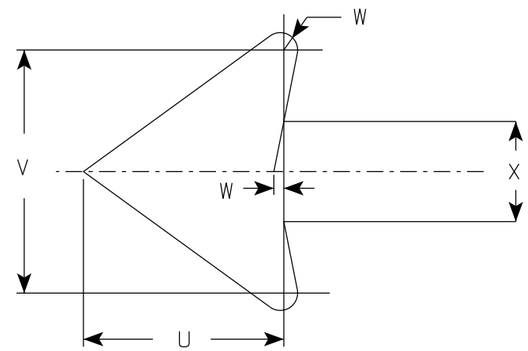


R7-1

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Red
3. Message Series - See Note 4
4. Lines 1, 3 and 4 are series C, line 2 is series B.
5. R7-1D (double arrow)
   R7-1L (left arrow)
   R7-1R (right arrow)

ARROW DETAIL



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	12	18	1 ½	⅜	⅜	3	1 ⅞	2	⅞	⅝	1 ½	2 ½	2	2	4 ⅞	4 ⅞	2 ¼	2 ⅛	2 ½	3 ⅞	1 ½	1 ¾	⅛	¾			1.5
2S	18	24	1 ½	⅜	½	4	2 ½	2 ½	1 ¼	1	2	3 ¼	2 ¾	2 ⅝	7 ⅛	7	2 ¾	2 ⅝	3 ⅛	5 ⅞	2 ¼	2 ⅝	¼	1 ⅛			3.0
2M	24	30	1 ½	⅜	½	5	3	3	2	1 ¼	2 ½	4	3 ¼	3 ⅜	9 ¼	9 ¼	3 ¼	3 ¼	3 ¾	7 ¾	3	3 ½	¼	1 ½			5.0
3	24	30	1 ½	⅜	½	5	3	3	2	1 ¼	2 ½	4	3 ¼	3 ⅜	9 ¼	9 ¼	3 ¼	3 ¼	3 ¾	7 ¾	3	3 ½	¼	1 ½			5.0
4																											
5																											

STANDARD SIGN
R7-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 10/26/23 PLATE NO. R7-1.11

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E

FILE NAME : C:\Users\PROJECTS\tr_stdplate\R71.dgn PLOT DATE : 26-OCT 2023 2:48 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42

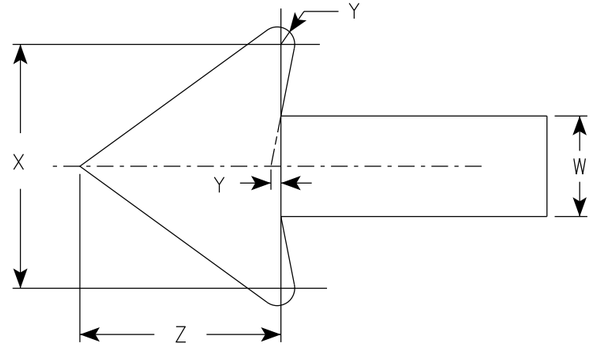
7

7

R7-51

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Red
3. Message Series - Lines 1, 3 and 4 are Series C.
   Line 2 is Series B.
4. R7-51D (double arrow)
   R7-51R (right arrow)
   R7-51L (left arrow)



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	12	18	1 ½	⅜	⅜	3	1 ⅞	2	⅞	⅝	1 ½	2 ½	2	2	4 ⅞	4 ⅞	4 ⅞	⅝	1 ¾	2 ½	4 ⅜	3 ⅞	¾	1 ¾	⅛	1 ½	1.5
2S	18	24	1 ½	⅜	½	4	2 ½	2 ½	1 ¼	1	2	3 ¼	2 ¾	2 ⅝	7 ⅛	7	5 ¾	1 ⅛	1 ½	3 ⅛	5 ½	5 ⅞	1 ⅛	2 ⅝	¼	2 ¼	3.0
2M	24	30	1 ½	⅜	½	5	3	3	2	1 ¼	2 ½	4	3 ¼	3 ⅜	9 ¼	9 ¼	7 ⅛	1 ¼	2	3 ¾	6 ½	7 ¾	1 ½	3 ½	¼	3	5.0
3	24	30	1 ½	⅜	½	5	3	3	2	1 ¼	2 ½	4	3 ¼	3 ⅜	9 ¼	9 ¼	7 ⅛	1 ¼	2	3 ¾	6 ½	7 ¾	1 ½	3 ½	¼	3	5.0
4																											
5																											

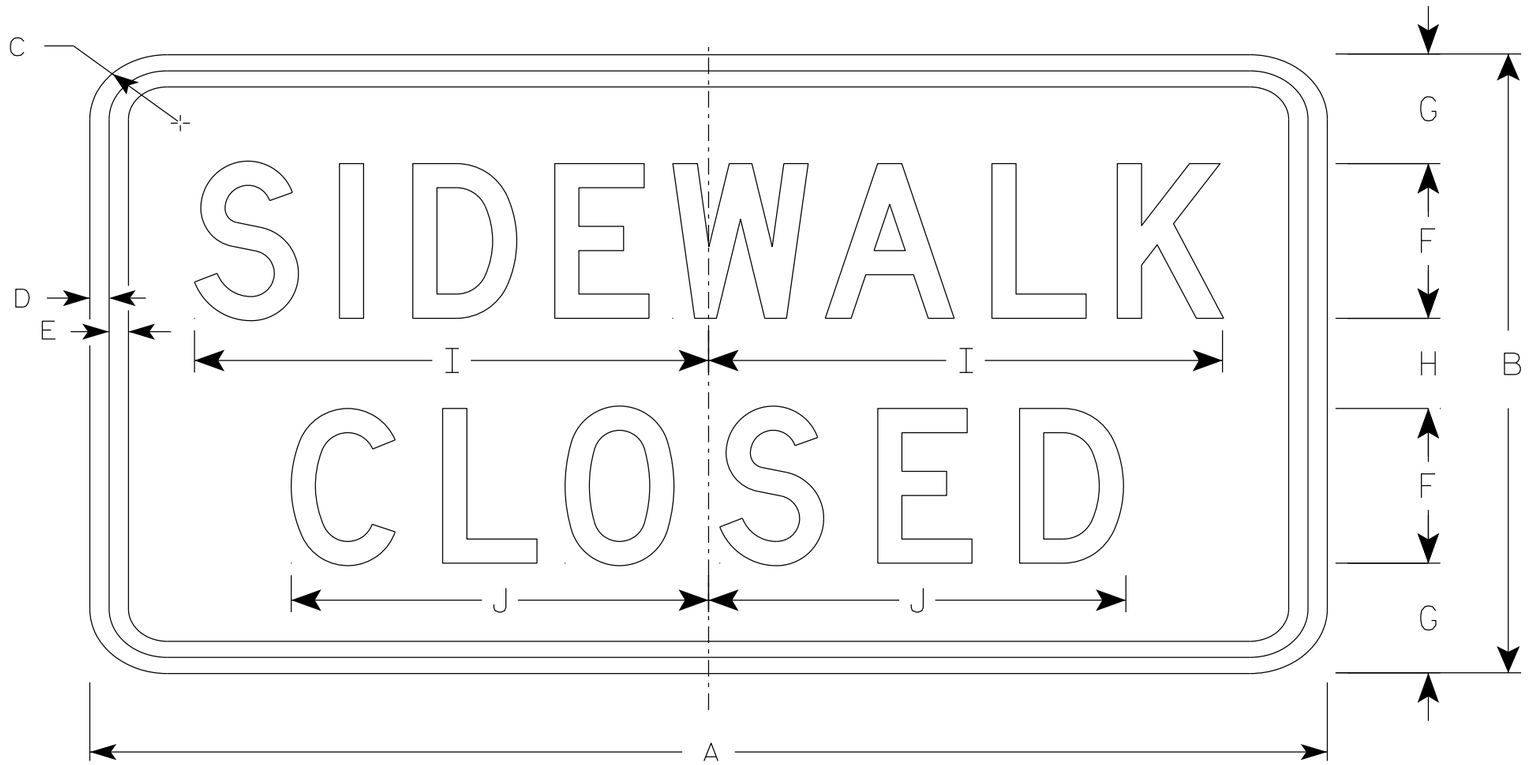
STANDARD SIGN
R7-51

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/9/23 PLATE NO. R7-51.7

PROJECT NO:	HWY:	COUNTY:			SHEET NO: 247	E



R9-9

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - C
4. Use Size 2 for Sidewalks. Use Size 3 for Paths and Trails.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	12	1 ½	½	½	3	2 ⅛	1 ¾	10	8 ⅛																	2.0
2M	24	12	1 ½	½	½	3	2 ⅛	1 ¾	10	8 ⅛																	2.0
3	30	18	1 ½	½	½	4	3 ½	3	12 ½	10 ¼																	3.75
4																											
5																											

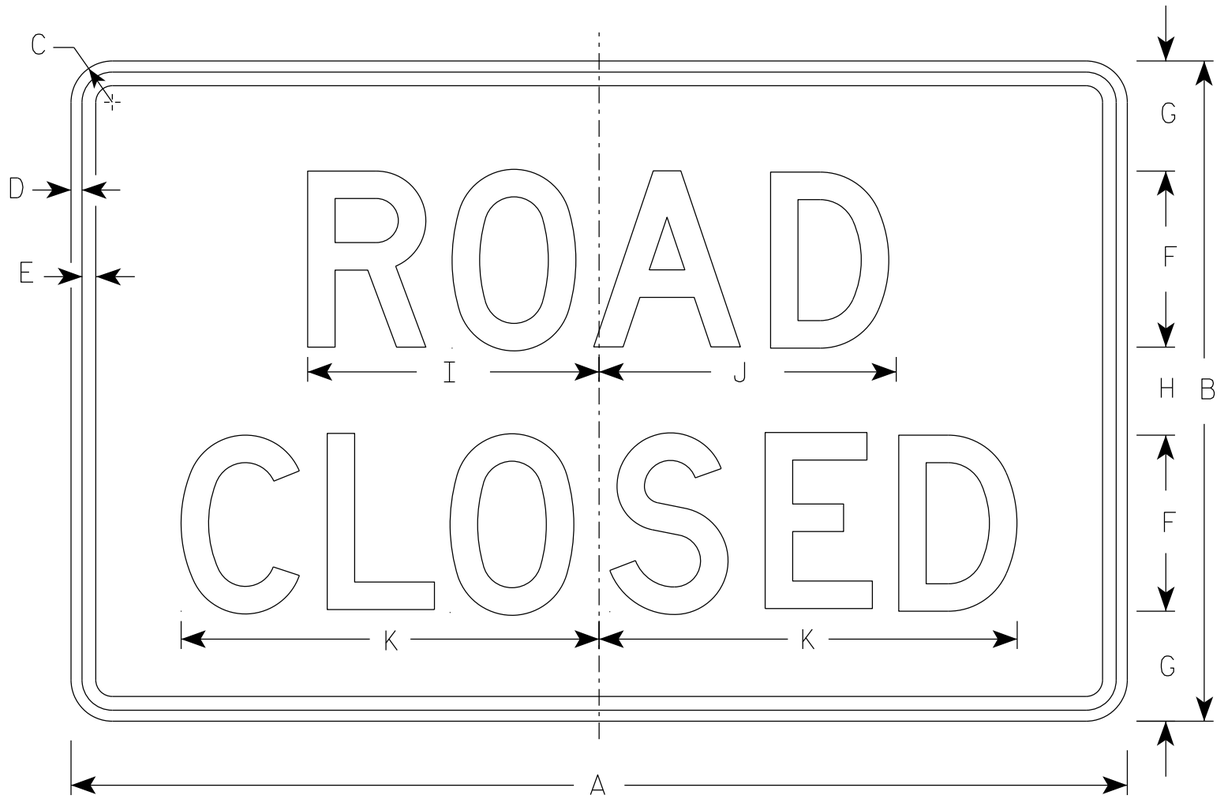
STANDARD SIGN
R9-9

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/24/24 PLATE NO. R9-9.7

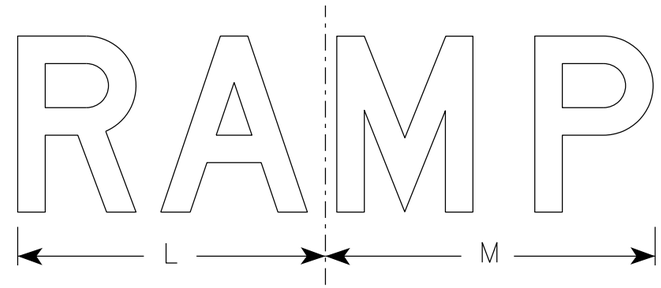
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 248 | E



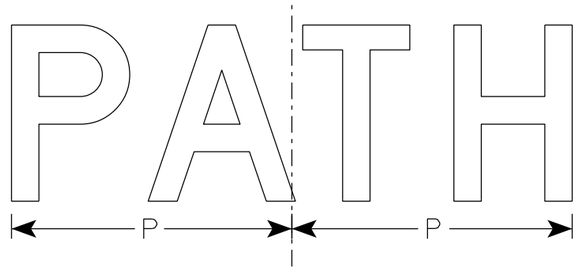
R11-2

NOTES

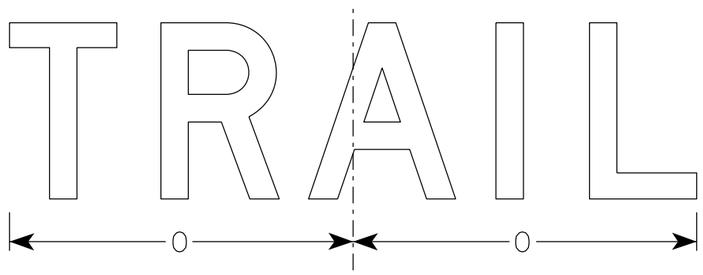
1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Modify the message as required.



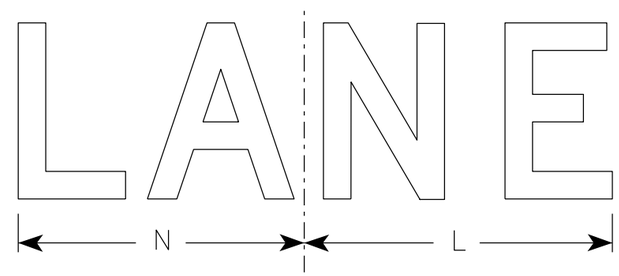
R11-2R



R11-2C



R11-2T



R11-2L

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	48	30	1 7/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13	15 5/8	12 3/4											10.0
2M	48	30	1 7/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13	15 5/8	12 3/4											10.0
3	48	30	1 7/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13	15 5/8	12 3/4											10.0
4	48	30	1 7/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13	15 5/8	12 3/4											10.0
5	48	30	1 7/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13	15 5/8	12 3/4											10.0

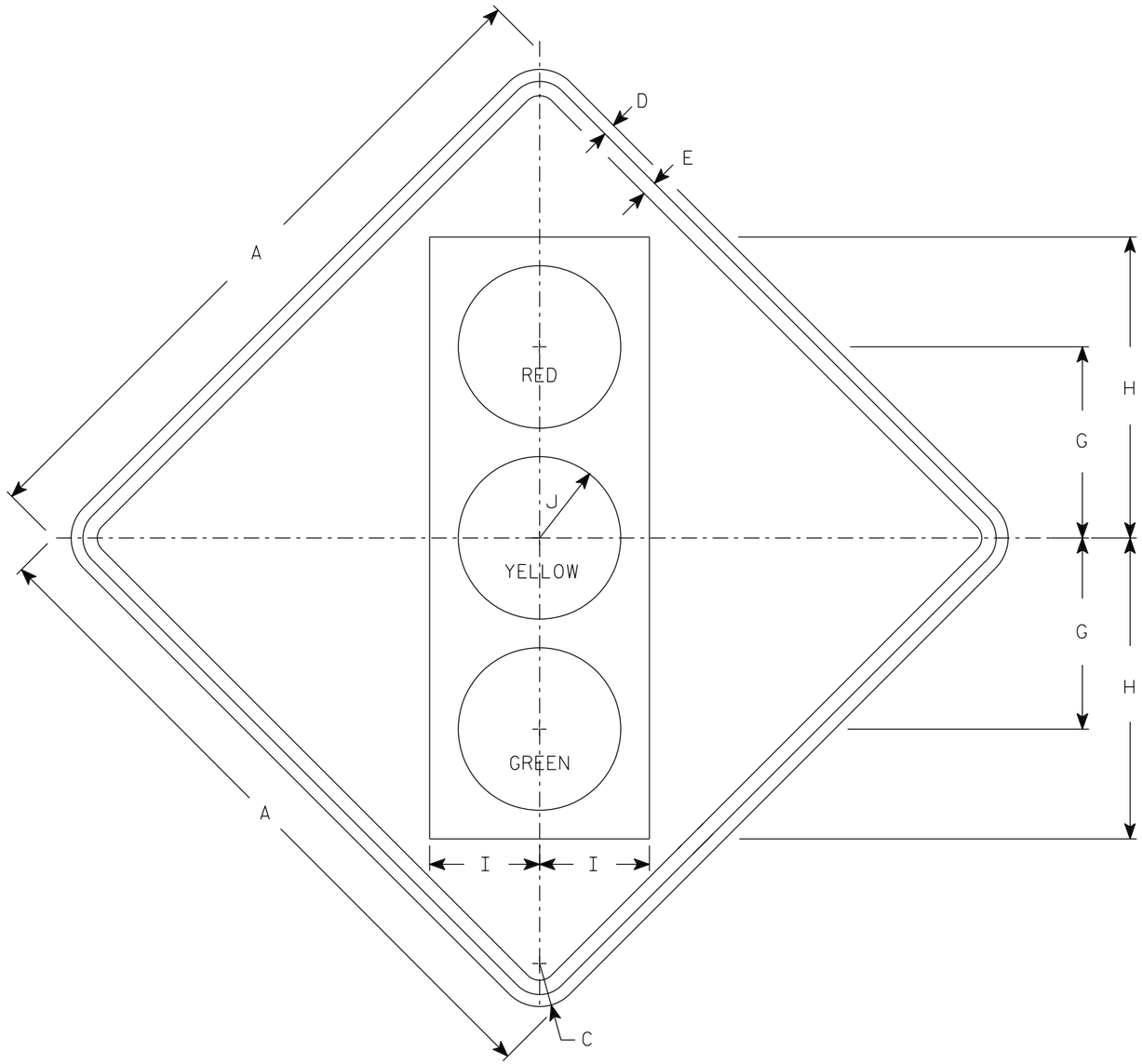
STANDARD SIGN
R11-2

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/3/26 PLATE NO. R11-2.13

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E



W3-3

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - See Note 3
3. Symbol and border are non-reflective black.
   Top circle - Type H Reflectorized Red
   Center circle - Same as background
   Bottom circle - Type H Reflectorized Green

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30		1 7/8	1/2	5/8		8 3/4	13 3/4	5	3 3/4																	6.25
2S	36		2 1/4	5/8	3/4		10	15 3/4	5 3/4	4 1/4																	9.0
2M	36		2 1/4	5/8	3/4		10	15 3/4	5 3/4	4 1/4																	9.0
3	36		2 1/4	5/8	3/4		10	15 3/4	5 3/4	4 1/4																	9.0
4	48		3	3/4	1		12 1/2	20	7 1/2	5																	16.0
5	48		3	3/4	1		12 1/2	20	7 1/2	5																	16.0

STANDARD SIGN
W3-3

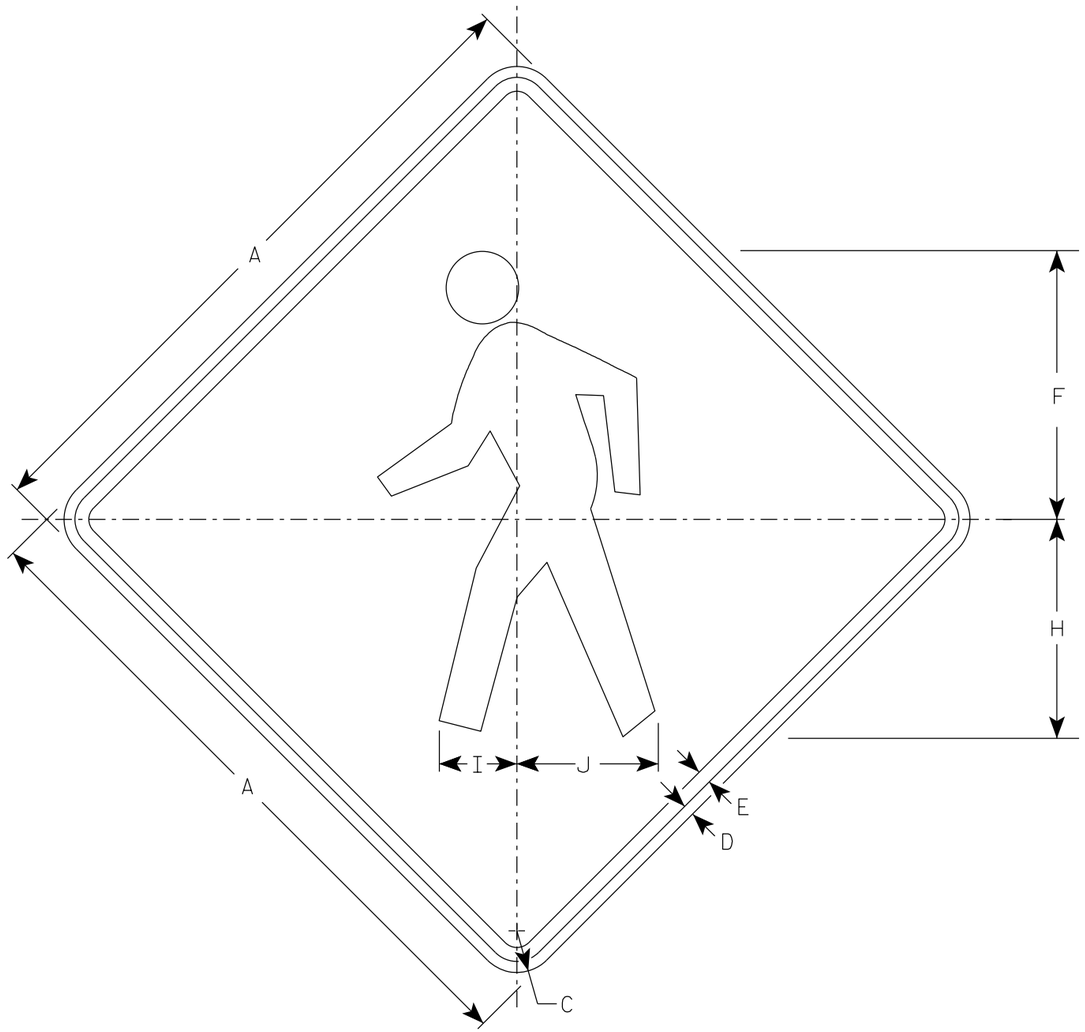
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 8/21/2023 PLATE NO. W3-3.12

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 250	E

7



W11-2

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - Black

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24		1 1/2	3/8	1/2	9 3/4		7 7/8	2 7/8	5 1/8																	4.0
2S	30		1 7/8	1/2	5/8	12 1/8		9 7/8	3 1/2	6 3/8																	6.25
2M	36		2 1/4	5/8	3/4	14 1/2		11 7/8	4 1/4	7 5/8																	9.0
3	36		2 1/4	5/8	3/4	14 1/2		11 7/8	4 1/4	7 5/8																	9.0
4	48		3	3/4	1	19 3/8		15 3/4	5 5/8	10 1/4																	16.0
5																											

STANDARD SIGN

W11-2

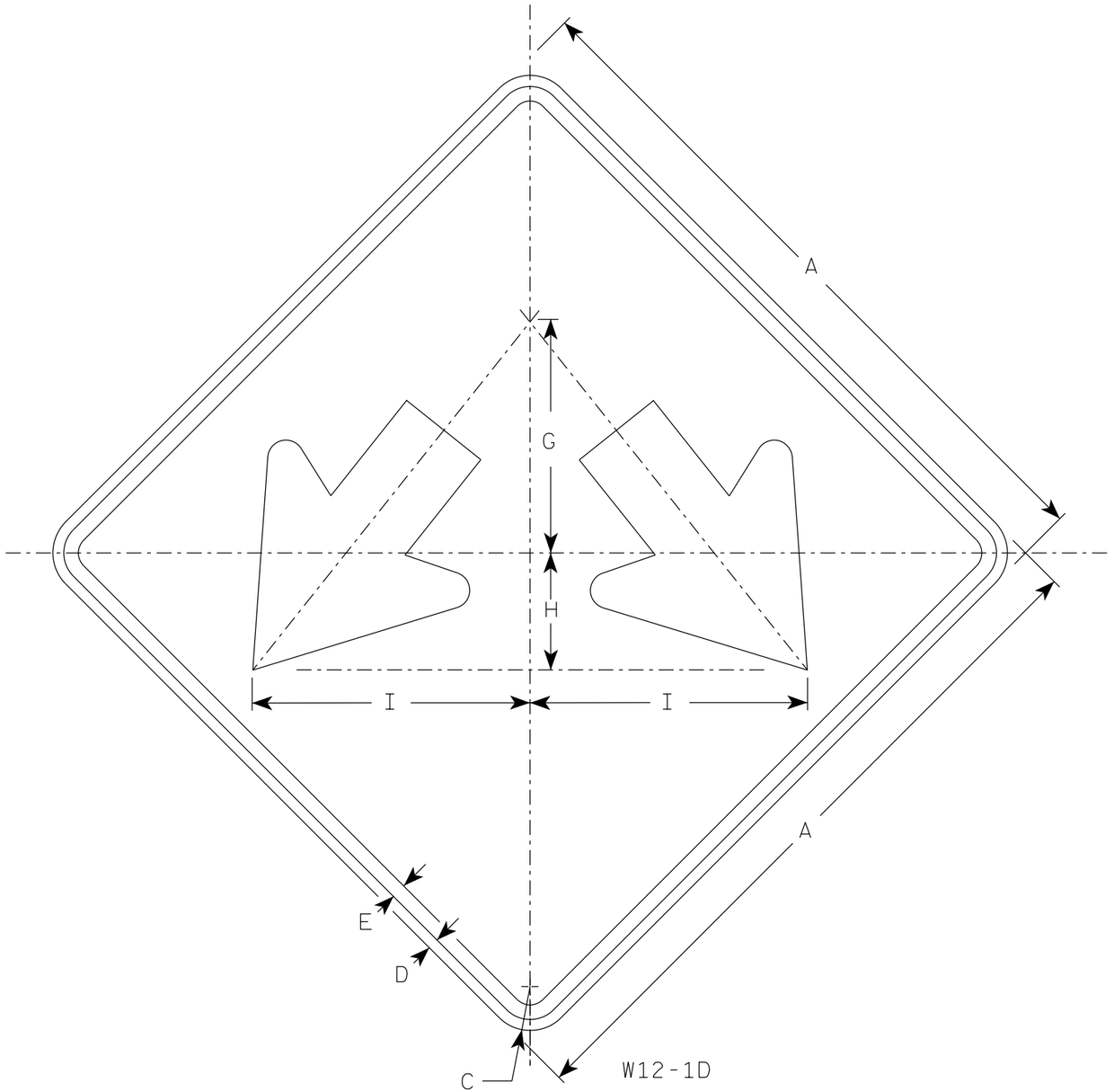
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch

For State Traffic Engineer

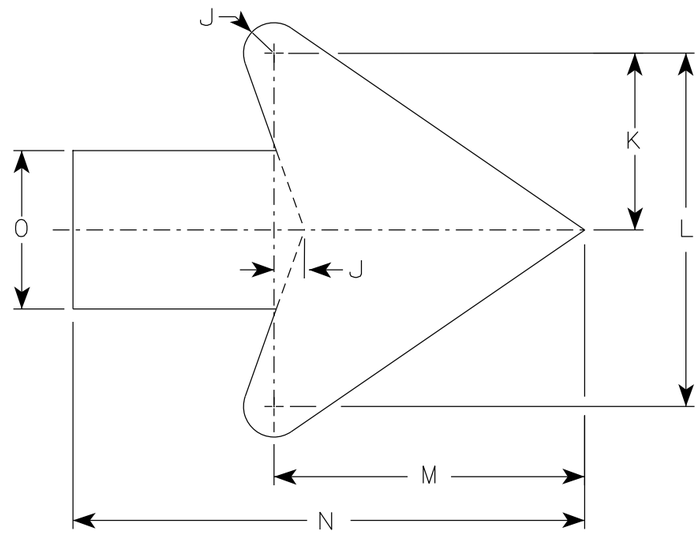
DATE 6/15/2023 PLATE NO. W11-2.9

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 251 | E



NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - Black



Arrow Detail

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Areq. sq. ft.
1																											
2S	24		1 ½	½	⅜		8	4	9 ½	⅜	3 ⅜	7 ¼	6 ⅜	10 ⅜	3 ¼												4.0
2M	24		1 ½	½	⅜		8	4	9 ½	⅜	3 ⅜	7 ¼	6 ⅜	10 ⅜	3 ¼												4.0
3	30		1 ⅞	½	⅝		10	5	11 ⅞	¾	4 ½	9	7 ⅞	13	4												6.25
4	36		2 ¼	½	⅝		12	6	14 ¼	1	5 ½	10 ⅞	9 ⅝	15 ¾	4 ¾												9.0
5	48		3	¾	1		16	8	19	1 ¼	7 ¼	14 ½	12 ¾	21	6 ¼												16.0

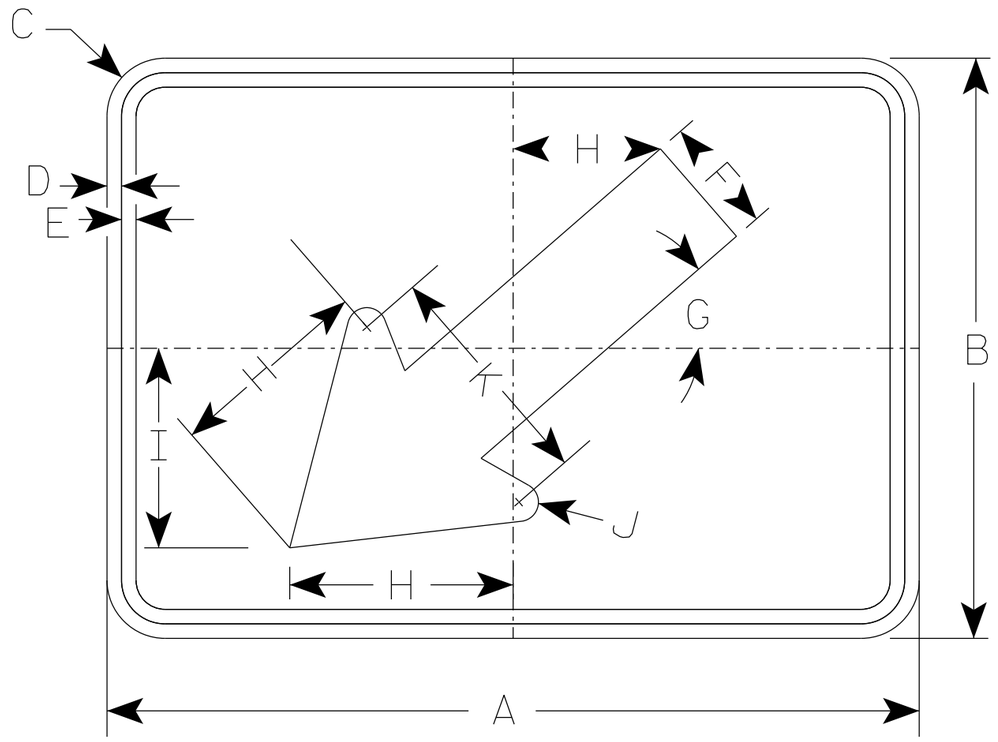
STANDARD SIGN
W12-1D

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/30/2023 PLATE NO. W12-1D.16

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 252	E



W16-7L

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - Black
3. W16-7R is the same as W16-7L except the arrow is reversed along the vertical centerline.

* For 36" x 36" Warning Signs, use 30" x 21" W16-7L signs.
* For 48" x 48" Warning Signs, use 42" x 24" W16-7L signs.

	SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
	1																											
	2S	21	15	1 1/2	3/8	3/8	3	41°	5 1/4	5 1/8	1/2	6																2.19
*	2M	30	21	1 1/2	3/8	1/2	4 1/2	41°	8 5/8	7 3/4	5/8	9 1/4																4.38
*	3	30	21	1 1/2	3/8	1/2	4 1/2	41°	8 5/8	7 3/4	5/8	9 1/4																4.38
*	4	42	24	1 7/8	1/2	5/8	6	41°	10 1/4	9 1/8	1	12																7.0
	5																											

STANDARD SIGN
W16-7

WISCONSIN DEPT OF TRANSPORTATION

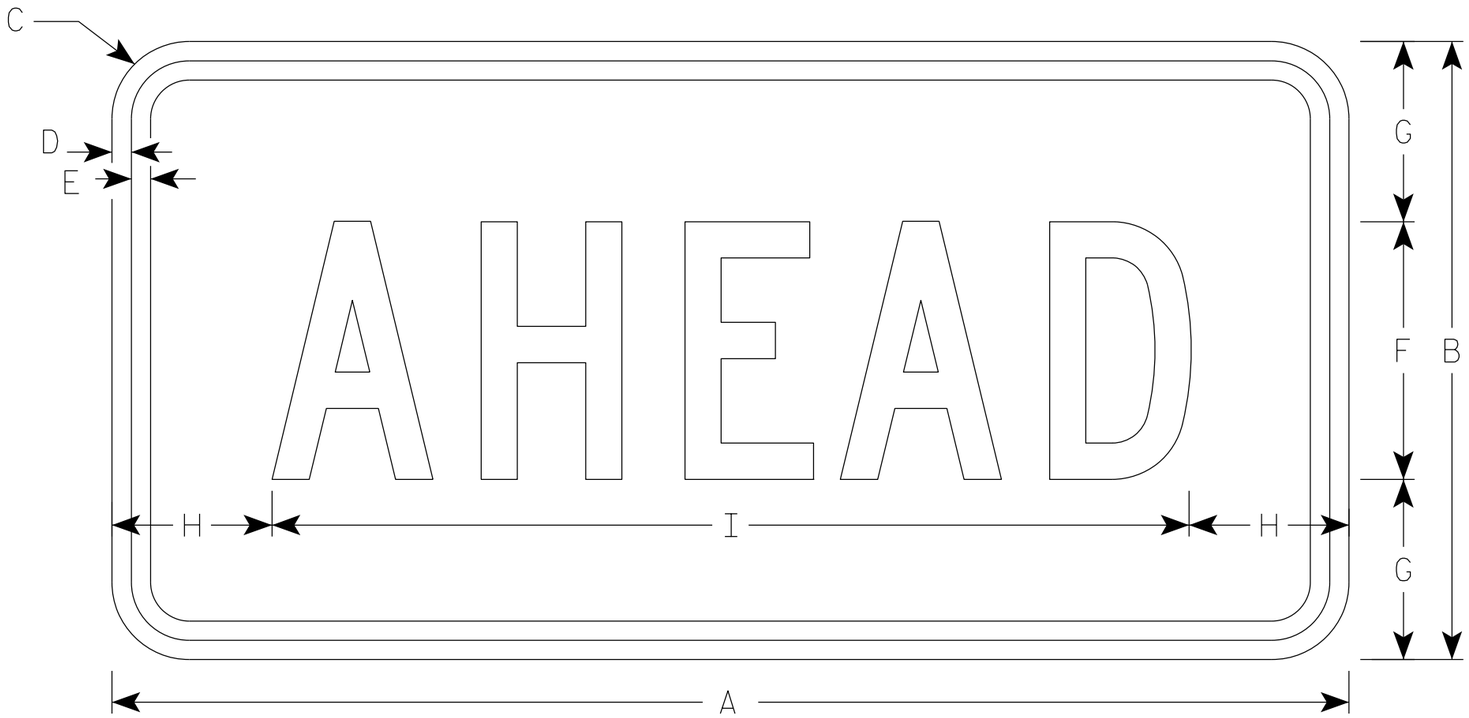
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 4/29/26 PLATE NO. W16-7.10

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 253 | E

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - Black
3. Message Series - C



W16-9P

* For 36" x 36" Warning Signs, use 30" x 18" W16-9P signs.
* For 48" x 48" Warning Signs, use 48" x 24" W16-9P signs.

	SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
	1																											
	2S	24	12	1 1/2	3/8	3/8	5	3 1/2	3 1/8	17 3/4																		2.0
*	2M	30	18	1 1/2	3/8	1/2	7	5 1/2	2 3/4	24 1/2																		3.75
*	3	30	18	1 1/2	3/8	1/2	7	3 1/2	2 3/4	24 1/2																		3.75
*	4	48	24	1 7/8	1/2	5/8	10	7	6 1/8	35 3/4																		8.0
	5																											

STANDARD SIGN
W16-9P

WISCONSIN DEPT OF TRANSPORTATION

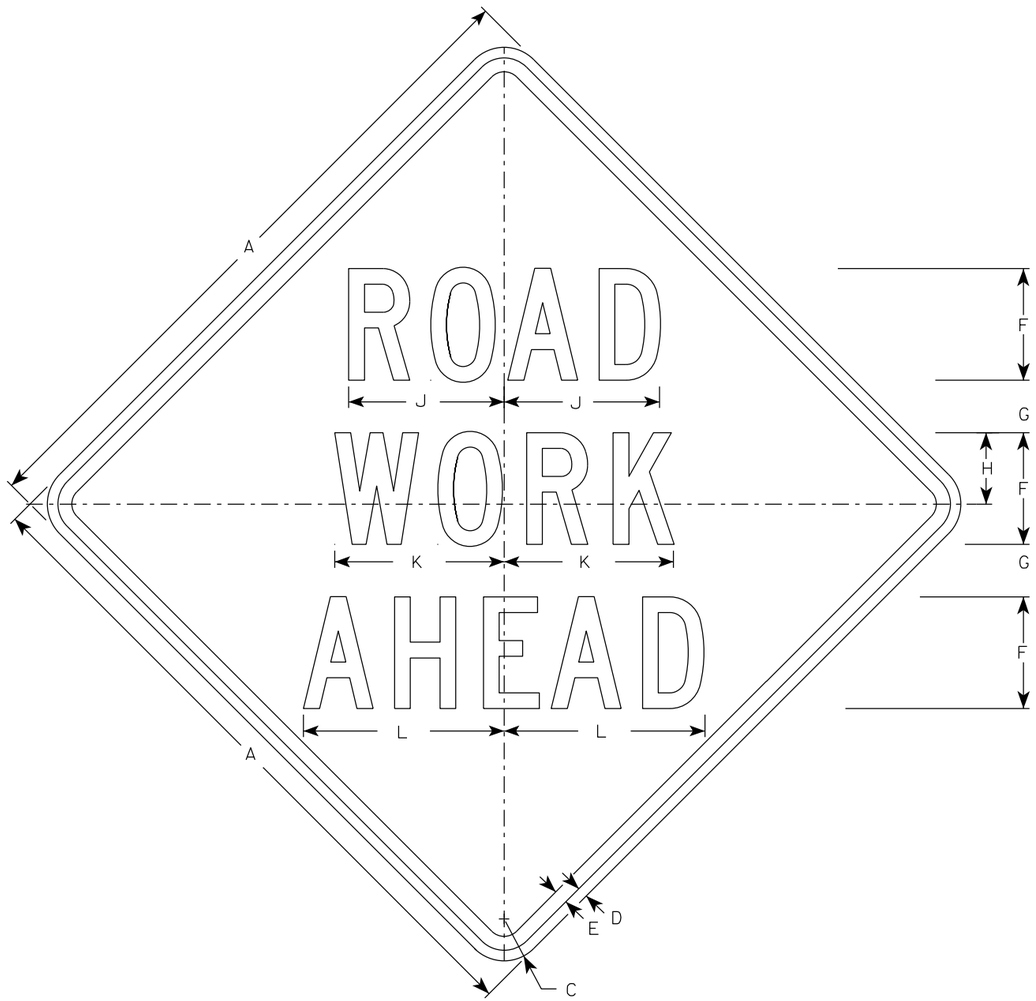
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/9/2024 PLATE NO. W16-9P.9

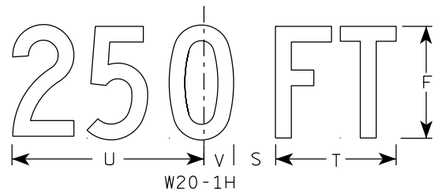
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 254 E

7

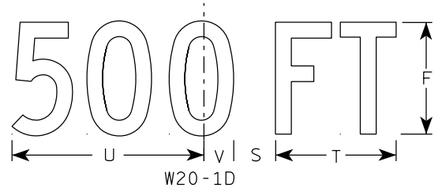
7



W20-1A

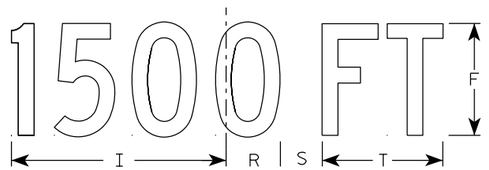


W20-1H



W20-1D

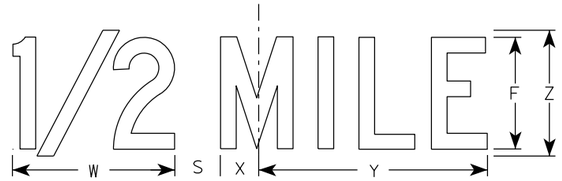
W20-1C



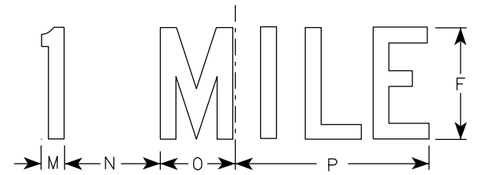
W20-1B

NOTES

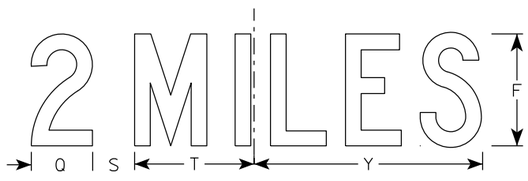
1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



W20-1G



W20-1F



W20-1E

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		2 1/4	5/8	3/4	5	2 5/8	3 1/4	10 1/8	7	7 5/8	8 7/8	1 1/8	4 1/2	3 1/2	9	3 1/4	2 1/2	2 1/4	5 5/8	9	1 3/8	8	1 3/4	10 3/4	6	9.0
2S	48		3	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8	4 3/8	3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0
2M	48		3	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8	4 3/8	3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0
3	48		3	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8	4 3/8	3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0
4	48		3	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8	4 3/8	3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0
5	48		3	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8	4 3/8	3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0

STANDARD SIGN
W20-1A, B, C, D, E, F, G & H

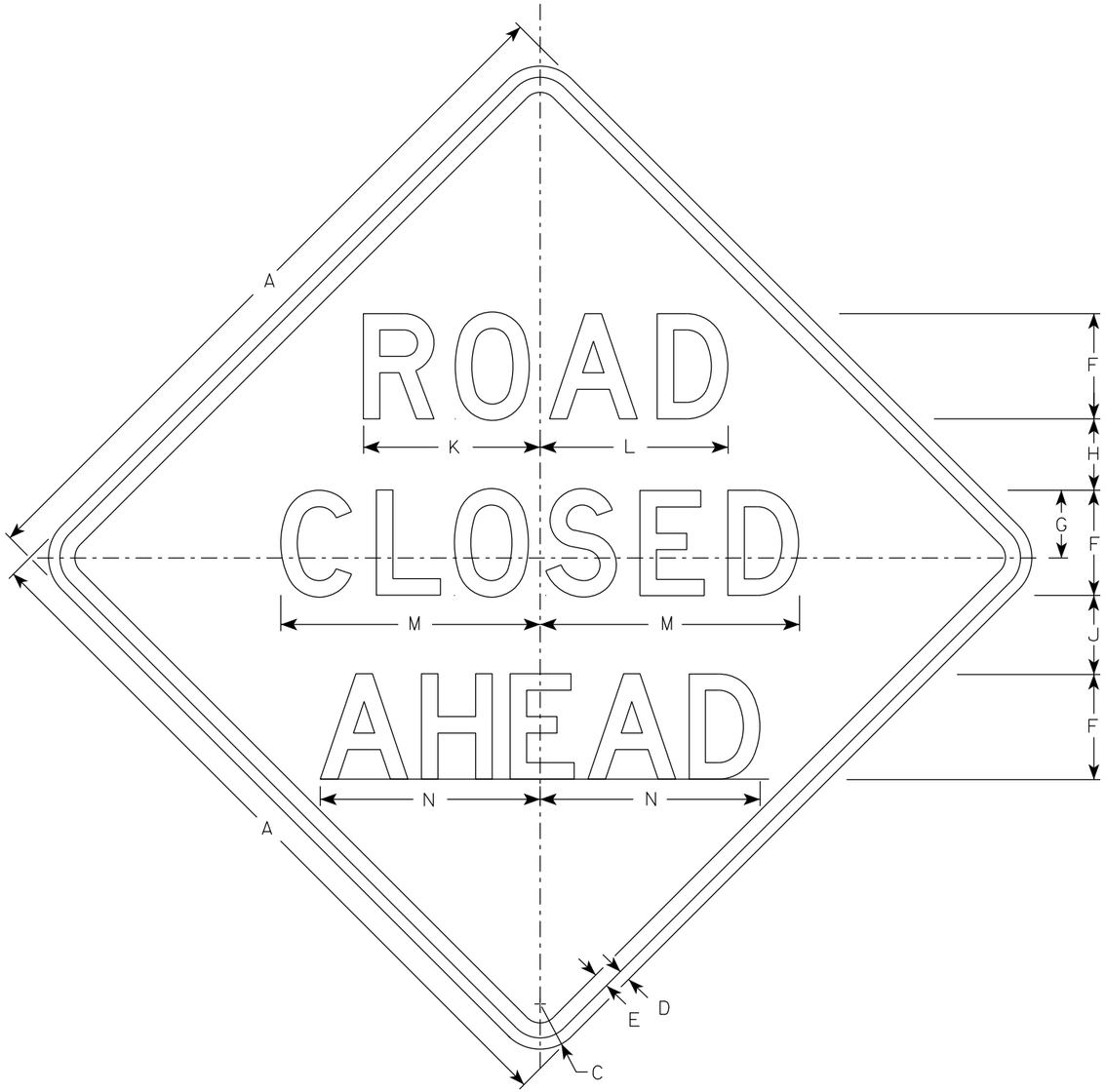
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

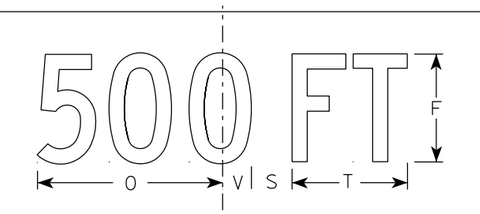
DATE 1/10/2024 PLATE NO. W20-1.12

PROJECT NO:

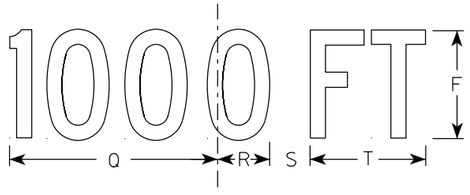
SHEET NO: 255 E



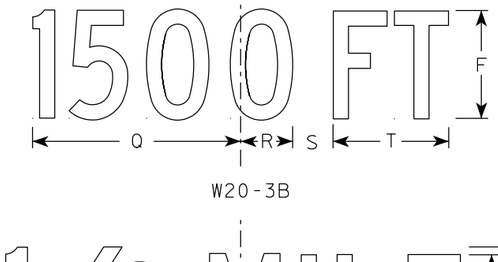
W20-3A



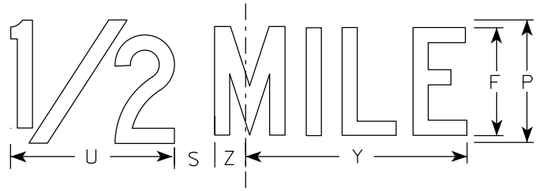
W20-3D



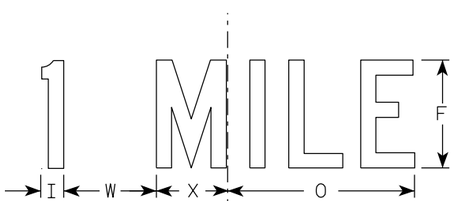
W20-3C



W20-3B



W20-3G



W20-3F

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - see note 5
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Lines 1 and 2 are Series D.
   Line 3 is Series D for AHEAD and Series C for all other distances.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		2 1/4	5/8	3/4	5	3 3/8	3 1/2	1 1/8	4	8 3/8	8 7/8	12 1/2	11	9	6	10 1/8	2 1/2	1 7/8	5 5/8	8	1 3/8	4 1/2	3 1/2	10 3/4	1 3/4	9.0
2S	48		3	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0
2M	48		3	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0
3	48		3	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0
4	48		3	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0
5	48		3	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0

STANDARD SIGN
W20-3A, B, C, D, F & G

WISCONSIN DEPT OF TRANSPORTATION

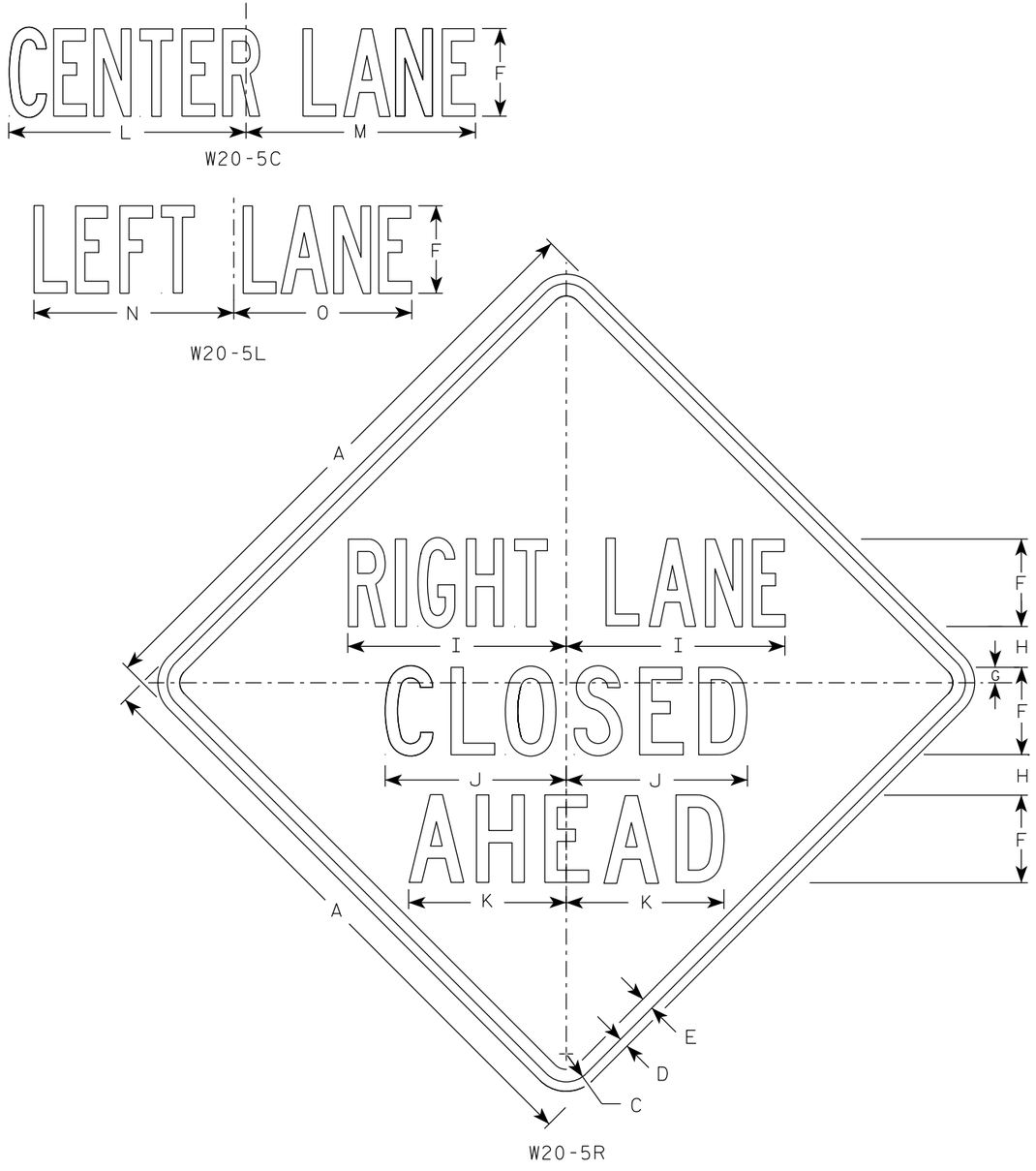
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/10/2024 PLATE NO. W20-3.8

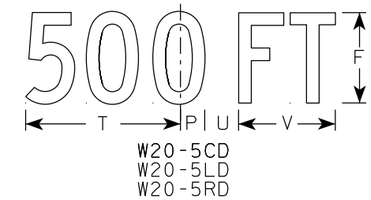
PROJECT NO: | HWY: | COUNTY: | SHEET NO: E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\W203.DGN PLOT DATE : 10-JAN 2024 12:02 PLOT BY : dotc4c PLOT NAME : PLOT SCALE : $$.....plotscale.....$$

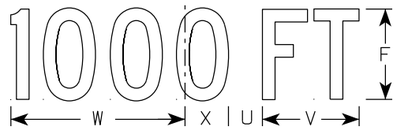
7



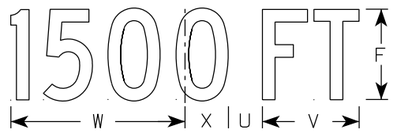
W20-5R



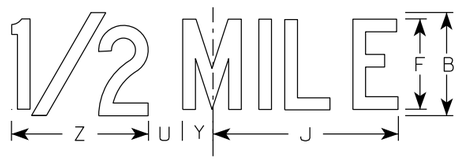
W20-5CD
W20-5LD
W20-5RD



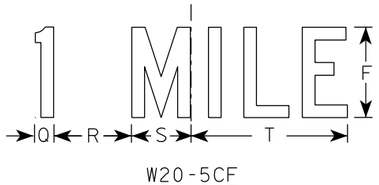
W20-5CE
W20-5LE
W20-5RE



W20-5CB
W20-5LB
W20-5RB



W20-5CG
W20-5LG
W20-5RG



W20-5CF
W20-5LF
W20-5RF

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - See Note 5
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. " _____ LANE" is Series B.
   All other copy is Series C.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36	6	2 1/4	5/8	3/4	5	7/8	2 1/2	13 1/8	10 3/4	9 1/2	14 1/4	13 5/8	12	12	1 3/8	1 1/8	4 1/2	3 1/2	9	1 7/8	5 5/8	10 1/8	2 1/2	1 3/4	8	9.0
2S	48	8	3	3/4	1	7	1 1/4	3 1/4	17 1/2	14 3/8	12 5/8	19	18 3/8	16	14 1/4	1 7/8	1 1/2	6	4 5/8	12	2 5/8	7 1/2	13 1/2	3 3/8	2 3/8	10 5/8	16.0
2M	48	8	3	3/4	1	7	1 1/4	3 1/4	17 1/2	14 3/8	12 5/8	19	18 3/8	16	14 1/4	1 7/8	1 1/2	6	4 5/8	12	2 5/8	7 1/2	13 1/2	3 3/8	2 3/8	10 5/8	16.0
3	48	8	3	3/4	1	7	1 1/4	3 1/4	17 1/2	14 3/8	12 5/8	19	18 3/8	16	14 1/4	1 7/8	1 1/2	6	4 5/8	12	2 5/8	7 1/2	13 1/2	3 3/8	2 3/8	10 5/8	16.0
4	48	8	3	3/4	1	7	1 1/4	3 1/4	17 1/2	14 3/8	12 5/8	19	18 3/8	16	14 1/4	1 7/8	1 1/2	6	4 5/8	12	2 5/8	7 1/2	13 1/2	3 3/8	2 3/8	10 5/8	16.0
5	48	8	3	3/4	1	7	1 1/4	3 1/4	17 1/2	14 3/8	12 5/8	19	18 3/8	16	14 1/4	1 7/8	1 1/2	6	4 5/8	12	2 5/8	7 1/2	13 1/2	3 3/8	2 3/8	10 5/8	16.0

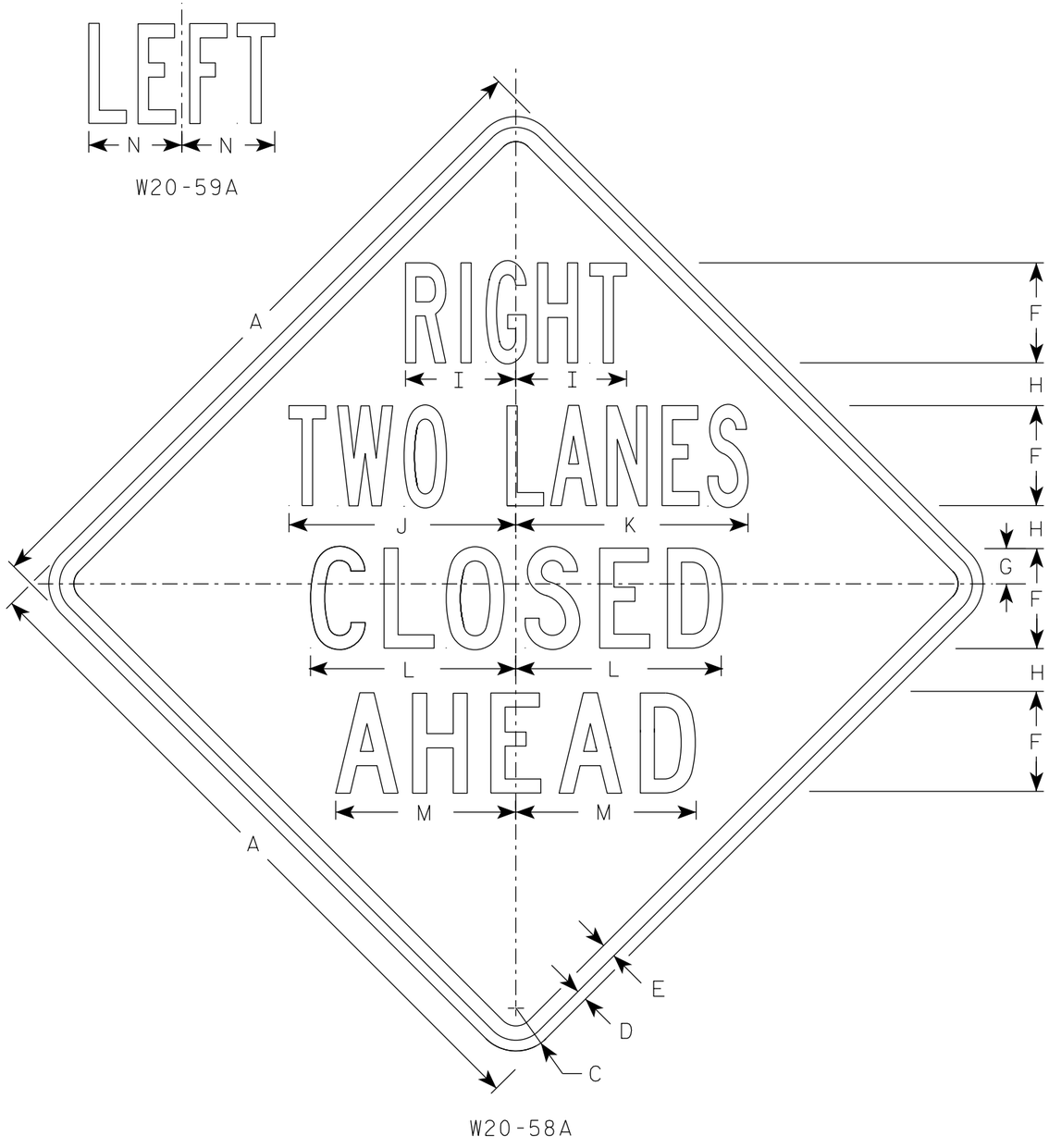
STANDARD SIGN
W20-5C,L,R

WISCONSIN DEPT OF TRANSPORTATION

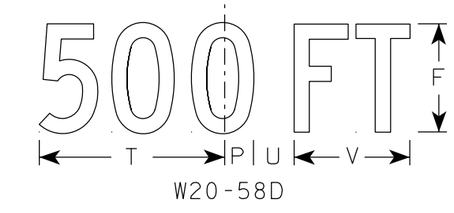
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/23/26 PLATE NO. W20-5.13

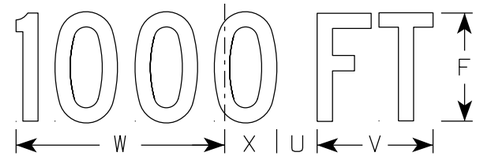
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 257 E



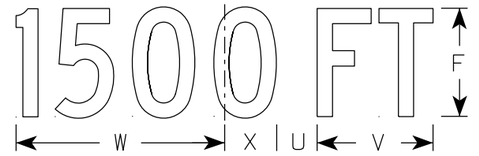
W20-58A



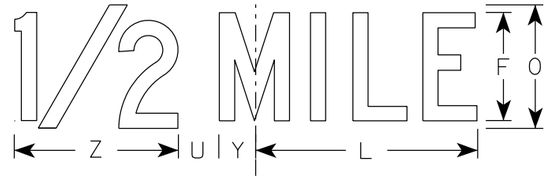
W20-58D



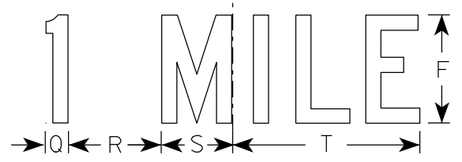
W20-58C



W20-58B



W20-58G



W20-58F

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - See Note 5
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Lines 1 & 2 Series B.
   Lines 3 & 4 Series C.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		2 1/4	5/8	3/4	5	1 7/8	2 1/4	5 7/8	11 7/8	12 1/8	10 3/4	9 1/2	4 7/8	6	1 3/8	1 1/8	4 1/2	3 1/2	9	1 7/8	5 5/8	10 1/8	2 1/2	1 3/4	8	9.0
2S	48		3	3/4	1	7	2 1/2	3	7 3/4	15 7/8	16 1/4	14 3/8	12 5/8	6 1/2	8	1 7/8	1 1/2	6	4 5/8	12	2 5/8	7 1/2	13 1/2	3 3/8	2 3/8	10 5/8	16.0
2M	48		3	3/4	1	7	2 1/2	3	7 3/4	15 7/8	16 1/4	14 3/8	12 5/8	6 1/2	8	1 7/8	1 1/2	6	4 5/8	12	2 5/8	7 1/2	13 1/2	3 3/8	2 3/8	10 5/8	16.0
3	48		3	3/4	1	7	2 1/2	3	7 3/4	15 7/8	16 1/4	14 3/8	12 5/8	6 1/2	8	1 7/8	1 1/2	6	4 5/8	12	2 5/8	7 1/2	13 1/2	3 3/8	2 3/8	10 5/8	16.0
4	48		3	3/4	1	7	2 1/2	3	7 3/4	15 7/8	16 1/4	14 3/8	12 5/8	6 1/2	8	1 7/8	1 1/2	6	4 5/8	12	2 5/8	7 1/2	13 1/2	3 3/8	2 3/8	10 5/8	16.0
5	48		3	3/4	1	7	2 1/2	3	7 3/4	15 7/8	16 1/4	14 3/8	12 5/8	6 1/2	8	1 7/8	1 1/2	6	4 5/8	12	2 5/8	7 1/2	13 1/2	3 3/8	2 3/8	10 5/8	16.0

STANDARD SIGN
W20-58A, B, C, D, F & G

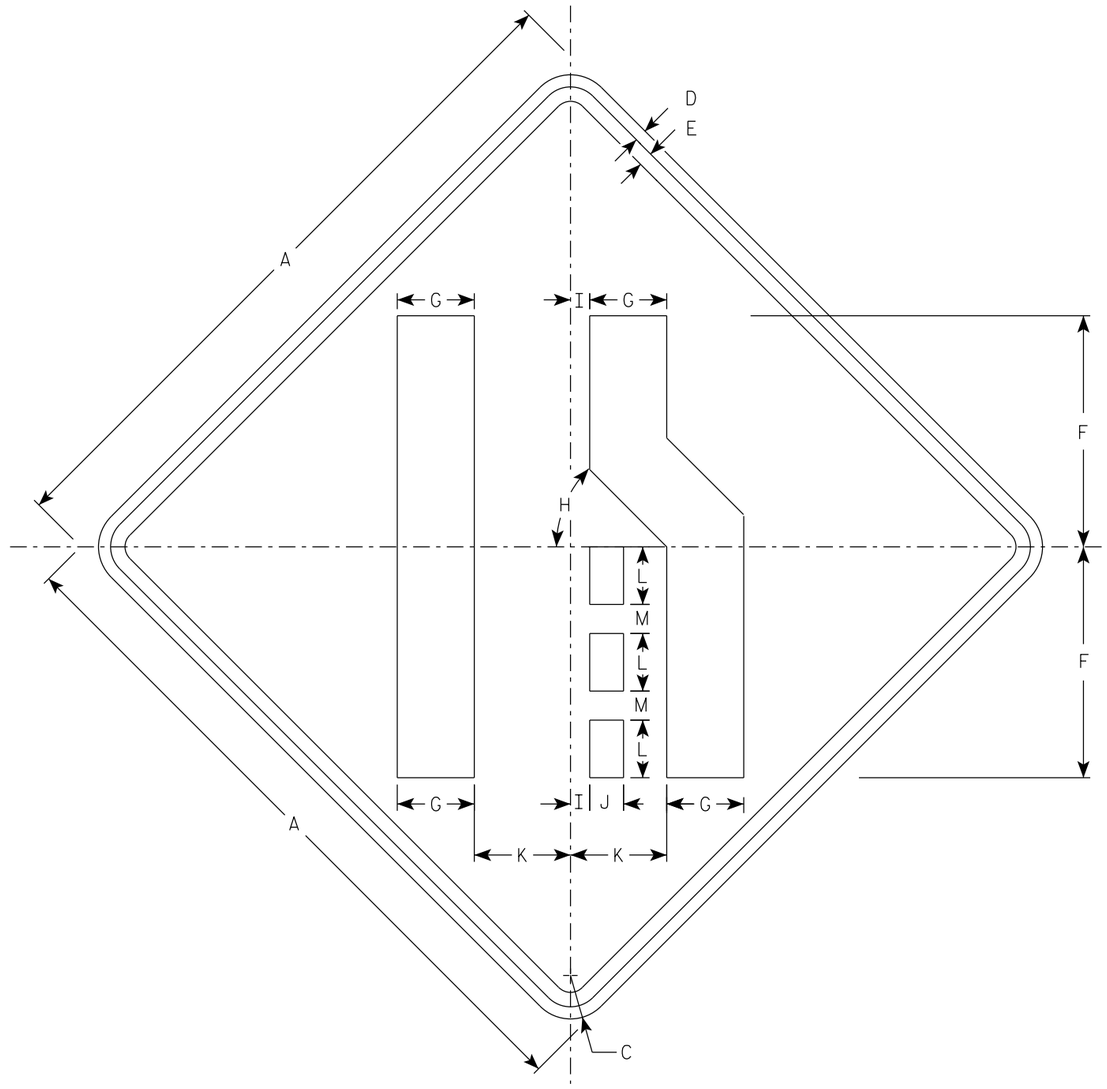
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/10/2024 PLATE NO. W20-58.5

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\W2058.DGN PLOT DATE : 10-JAN 2024 2:56 PLOT BY : dotc4c PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42



W04-2R

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. W04-2L is the same as W04-2R except the symbol is reversed along the vertical centerline.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		2 1/4	5/8	3/4	12	4	45°	1	1 3/4	5	3	1 1/2														9.0
2S	48		3	3/4	1	16	5 3/8	45°	1 1/4	2 3/8	6 3/4	4	2														16.0
2M	48		3	3/4	1	16	5 3/8	45°	1 1/4	2 3/8	6 3/4	4	2														16.0
3	48		3	3/4	1	16	5 3/8	45°	1 1/4	2 3/8	6 3/4	4	2														16.0
4	48		3	3/4	1	16	5 3/8	45°	1 1/4	2 3/8	6 3/4	4	2														16.0
5	48		3	3/4	1	16	5 3/8	45°	1 1/4	2 3/8	6 3/4	4	2														16.0

STANDARD SIGN
W04-2

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/25/2024 PLATE NO. W04-2.2

PROJECT NO:

SHEET NO: 259 E

Wisconsin Department of Transportation

Dedicated people creating transportation solutions
through innovation and exceptional service.

http://www.dot.wisconsin.gov

WKE

PROJECT ID: 2060-20-70

WITH: 2040-23-70

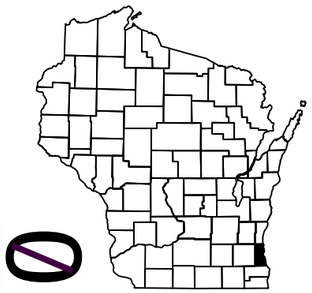
COUNTY: MILWAUKEE

SEPTEMBER 2026

ORDER OF SHEETS

Section No.	1	Title
Section No.	2	Typical Sections and Details
Section No.	3	Estimate of Quantities
Section No.	3	Miscellaneous Quantities
Section No.	4	Right of Way Plat
~~Section No.~~	~~5~~	~~Plan and Profile~~
Section No.	6	Standard Detail Drawings
Section No.	7	Sign Plates
Section No.	8	Structure Plans
~~Section No.~~	~~9~~	~~Computer Earthwork Data~~
Section No.	9	Cross Sections

TOTAL SHEETS = 814



N

DESIGN DESIGNATION

A.A.D.T.	2027	=	26,200
A.A.D.T.	2047	=	27,800
D.H.V.		=	3,110
D.D.		=	59/41
T.		=	4.8%
DESIGN SPEED		=	35 - 45 MPH
ESALS		=	2,300,000

CONVENTIONAL SYMBOLS

PLAN

- CORPORATE LIMITS
- PROPERTY LINE
- LOT LINE
- LIMITED HIGHWAY EASEMENT
- EXISTING RIGHT OF WAY
- PROPOSED OR NEW R/W LINE
- SLOPE INTERCEPT
- REFERENCE LINE (300'EB')
- EXISTING CULVERT
- PROPOSED CULVERT (Box or Pipe)
- COMBUSTIBLE FLUIDS (CAUTION)
- MARSH AREA
- WOODED OR SHRUB AREA

PROFILE

- GRADE LINE
- ORIGINAL GROUND
- MARSH OR ROCK PROFILE (To be noted as such) (ROCK)
- SPECIAL DITCH (LABEL)
- GRADE ELEVATION (95.36)
- CULVERT (Profile View)

UTILITIES

- ELECTRIC (E)
- FIBER OPTIC (FO)
- GAS (G)
- SANITARY SEWER (SAN)
- STORM SEWER (SS)
- TELEPHONE (T)
- WATER (W)
- UTILITY PEDESTAL
- POWER POLE
- TELEPHONE POLE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

RACINE - MILWAUKEE

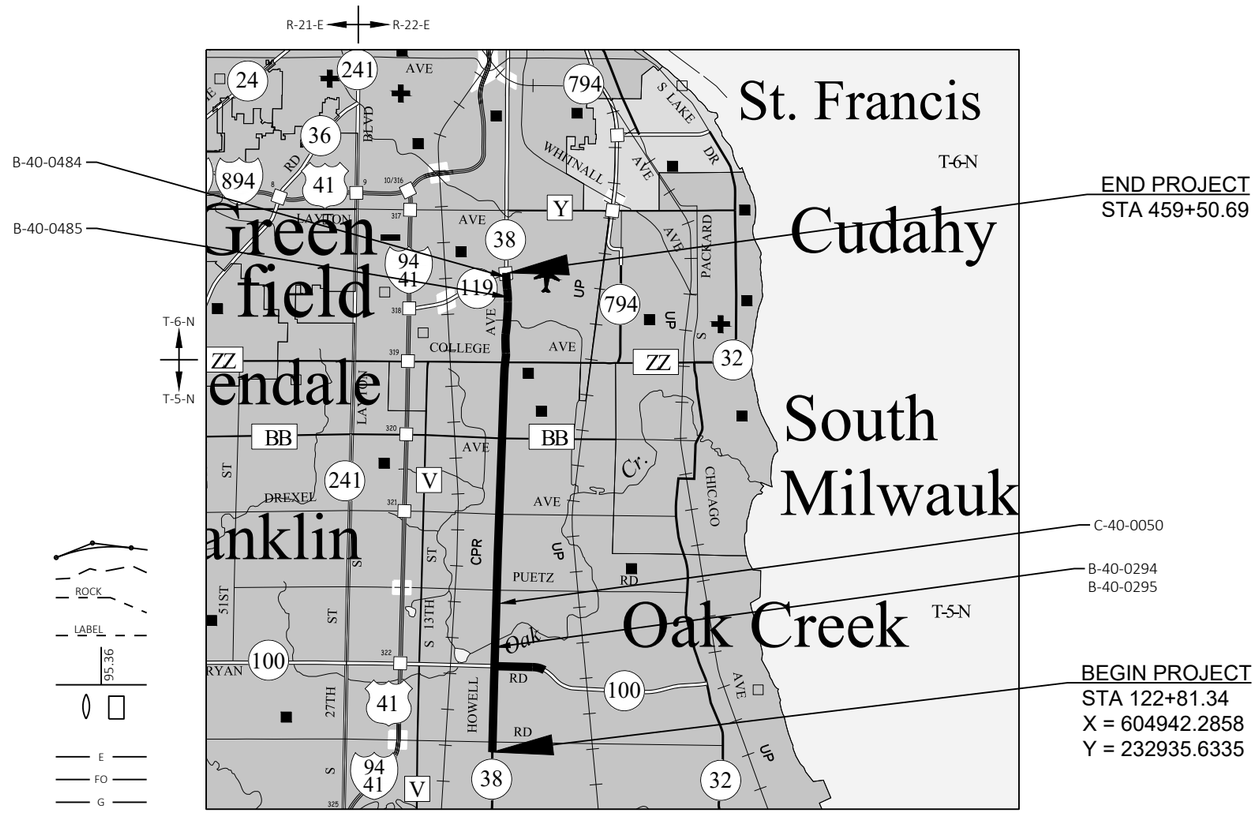
OAKWOOD RD TO GRANGE AVE

STH 38

MILWAUKEE

STATE PROJECT NUMBER
2060-20-70

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
2060-20-70	WISC 2026420	1



LAYOUT

SCALE 0 2 MI

TOTAL NET LENGTH OF CENTERLINE = 6.358 MI

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COORDINATE REFERENCE SYSTEM (WISCRS), MILWAUKEE COUNTY, NAD83 (2011), IN U.S. SURVEY FEET. POSITIONS SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES ARE THE SAME AS GROUND DISTANCES.

ELEVATIONS ARE REFERENCED TO NAVD 88 (2012). GPS DERIVED ELEVATIONS ARE BASED ON GEOID G12-A

ORIGINAL PLANS PREPARED BY

CORRE ENGINEERING

MADISON | EAU CLAIRE | WAUKESHA | APPLETON | TOMAH | WAUSAU

WISCONSIN PROFESSIONAL ENGINEER
JESSICA D. LEWIS
E-37589
Lake Geneva, WI

DATE: 1/26/26 Jessica Lewis (Signature)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	WISDOT/CORRE, INC.
Designer	CORRE, INC.
Project Manager	JUSTIN SUYDAM
Regional Examiner	RICH HERRICK
Regional Supervisor	JANET CANNON

APPROVED FOR THE DEPARTMENT

DATE: 1/30/26 Justin Suydam (Signature)

E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\010101-TI.DWG PLOT DATE : 1/16/2026 1:21 PM PLOT BY : TOM ORNER PLOT NAME :

GENERAL NOTES

THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN. COORDINATE CONSTRUCTION ACTIVITIES WITH A CALL TO DIGGERS HOTLINE AND/OR A DIRECT CALL TO THE UTILITIES THAT HAVE FACILITIES IN THE AREA. NOT ALL UTILITIES ARE MEMBERS OF DIGGERS HOTLINE.

ANY REINFORCEMENT LOCATED IN EXISTING CONCRETE PAVEMENT SHALL BE CONSIDERED INCIDENTAL TO THE REMOVING PAVEMENT ITEM, AND NO ADDITIONAL COMPENSATION WILL BE GRANTED.

CURB AND GUTTER GRADES ARE GIVEN TO THE BACK OF CURB AND GUTTER. CURB AND GUTTER RADII ARE MEASURED TO THE BACK OF CURB AND GUTTER.

VERIFY EXISTING PAVEMENT ELEVATIONS AT ALL TIE-INS TO EXISTING PAVEMENT PRIOR TO CONSTRUCTION. NOTIFY THE ENGINEER IF A DISCREPANCY IS FOUND BETWEEN PROPOSED PLAN ELEVATIONS AND EXISTING PAVEMENT ELEVATIONS.

CONSTRUCT THE INSIDE EDGE OF SIDEWALK 1/2 INCH HIGHER THAN TOP OF CURB WHEN THEY ARE ADJACENT TO EACH OTHER.

ALL SIGN LOCATIONS SHALL BE REVIEWED BY THE ENGINEER PRIOR TO INSTALLATION.

EXISTING DRIVEWAYS AND FIELD ENTRANCES SHALL BE RESTORED IN KIND AS DIRECTED BY THE ENGINEER IN THE FIELD AND AT THE LOCATION DETERMINED BY THE ENGINEER.

TOPSOIL SHALL BE PLACED 1-INCH BELOW THE TOP OF ADJACENT CONCRETE CURBS OR SIDEWALKS FOR SOD INSTALLATIONS.

CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES EXCEPT WHEN PAVING OR PIPE LAYING OPERATIONS REQUIRE THE DRIVEWAY TO BE CLOSED. ACCESS TO DRIVEWAYS SHALL BE RE-ESTABLISHED IMMEDIATELY AFTER OPERATIONS ARE COMPLETED. ACCESS SHALL BE PROVIDED DURING ALL NON-WORKING HOURS.

NOT ALL STRUCTURES WERE INVENTORIED, UNDISTRIBUTED STORM STRUCTURE QUANTITIES ARE TO BE IDENTIFIED BY THE ENGINEER IN THE FIELD. PIPE REMOVALS ASSOCIATED WITH STRUCTURE REMOVALS SHALL BE TO THE NEAREST PIPE JOINT OR 3' MAX, WHICHEVER IS CLOSER. USE CONCRETE COLLARS WHEN REMOVAL NOT AT A PIPE JOINT.

PLACE HMA PAVEMENT WHEN THE ADJACENT, PREVIOUSLY PLACED PAVEMENT IS 200 DEGREES FAHRENHEIT OR GREATER BY PAVING IN ECHELON LANES 2 AND 3/SHOULDER.

HMA PAVEMENT TYPE AND THICKNESS

THICKNESS		TYPE	LAYER	LOCATION
HMA3 3"	1.5"	5 MT 58-28 H	UPPER LAYER	STH 38 TRAVEL LANES
	1.5"	5 MT 58-28 H	LOWER LAYER	
HMA3-S 3"	3"	5 MT 58-28 H	SINGLE LAYER	STH 38 SHOULDERS
-	4"	ASPHALTIC SURFACE	SINGLE LAYER	VARIOUS

ORDER OF SECTION 2 DETAIL SHEETS

GENERAL NOTES
PROJECT OVERVIEW
TYPICAL SECTIONS
CONSTRUCTION DETAILS
INTERSECTION DETAILS
REMOVAL PLAN
PLAN DETAILS (INCLUDES EROSION CONTROL)
CURB RAMP DETAILS
PERMANENT SIGNING
TRAFFIC SIGNAL DETAILS
PAVEMENT MARKING
TRAFFIC CONTROL & TEMPORARY PEDESTRIAN ACCOMODATIONS

WISCONSIN DNR LIAISON

RYAN PAPPAS
SOUTHERN REGION
141 NW BARSTOW ROOM 180
WAUKESHA, WI 53118
PHONE: (414) 750-7495
EMAIL: RYAN.PAPPAS@WISCONSIN.GOV

DESIGN CONTACT

JESSICA LEWIS, P.E.
CORRE, INC.
20900 SWENSON DRIVE SUITE 800
WAUKESHA, WI 53186
PHONE: (262) 393-1508
EMAIL: JLEWIS@CORREINC.COM

DOT DESIGN PROJECT MANAGER

JUSTIN SUYDAM
WISDOT
141 NW BARSTOW
WAUKEHSA, WI 53118
PHONE: (262) 548-8745
EMAIL: JUSTIN.SUYDAM@DOT.WI.GOV

SOUTHEASTERN WISCONSIN REGIONAL PLANNING COMMISSION

CHIEF SURVEYOR
ROB MERRY
W239 N1812 ROCKWOOD DRIVE
P.O.BOX 1607
WAUKESHA, WI 53187-1607
PHONE: (262) 953-4289
CELL: (920) 912-1036
FAX: (262) 547-1103
EMAIL: RMERRY@SEWRPC.ORG

CONSTRUCTION COORDINATOR
ANDY TRAEGER
W239 N1812 ROCKWOOD DRIVE
P.O.BOX 1607
WAUKESHA, WI 53187-1607
PHONE: (262) 953-4296
CELL: (262) 853-8463
FAX: (262) 547-1103
EMAIL: ATRAEGER@SEWRPC.ORG

RUNOFF COEFFICIENT TABLE

	HYDROLOGIC SOIL GROUP											
	A			B			C			D		
	SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)		
LAND USE:	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER
ROW CROPS:	.08	.16	.22	.12	.20	.27	.15	.24	.33	.19	.28	.38
	.22	.30	.38	.26	.34	.44	.30	.37	.50	.34	.41	.56
MEDIAN STRIPTURF:	.19	.20	.24	.19	.22	.26	.20	.23	.30	.20	.25	.30
	.24	.26	.30	.25	.28	.33	.26	.30	.37	.27	.32	.40
SIDE SLOPETURF:			.25			.27			.28			.30
			.32			.34			.36			.38
PAVEMENT:												
ASPHALT:	.70 - .95											
CONCRETE:	.80 - .95											
BRICK:	.70 - .80											
DRIVES, WALKS:	.75 - .85											
ROOFS:	.75 - .95											
GRAVEL ROADS, SHOULDERS:	.40 - .60											

TOTAL PROJECT AREA = 22.7 ACRES
TOTAL AREA EXPECTED TO BE DISTURBED BY CONSTRUCTION ACTIVITIES = 1.0 ACRES

UTILITY CONTACTS

COMMUNICATIONS

AT&T LOCAL NETWORK
TIMOTHY LAPOINTE
5101 THATCHER ROAD
DOWNERS GROVE, IL 60515
PHONE: (281) 352-3631
EMAIL: TL0695@ATT.COM

COMMUNICATIONS

AT&T WISCONSIN
NATHAN GIBERT
411 7TH STREET
RACINE, WI 53403
PHONE: (262) 720-8235
EMAIL: NG952W@ATT.COM

ELECTRICITY

ATC MANAGEMENT, INC.
CHRIS DAILEY
P.O BOX 47
WAUKESHA, WI 53187
PHONE: (262) 506-6884
EMAIL: CDAILEY@ATCLLC.COM

COMMUNICATIONS

BLUEBIRD FIBER
SHAD GARCIA
324 E WISCONSIN AVE, SUITE 730
MILWAUKEE, WI 53202
PHONE: (414) 522-6685
EMAIL: SGARCIA@EVERSTREAM.NET

COMMUNICATIONS

CENTURYLINK COMMUNICATIONS, LLC
GENERAL MAILBOX CENTURYLINK NATIONAL
OSP RELOC
EMAIL: RELOCATIONS@LUMEN.COM

COMMUNICATIONS

CITY OF MILWAUKEE
TREMEL REMBERT
1440 W CANAL ST
MILWAUKEE, WI 53233
PHONE: (414) 286-3686

CONDUIT

CITY OF MILWAUKEE
KAREN ROGNEY
841 N BROADWAY
MILWAUKEE, WI 53202
PHONE: (414) 286-3442
EMAIL: KAREN.ROGNEY@MILWAUKEE.GOV

SEWER

CITY OF MILWAUKEE
CONNOR ZIRBEL
841 N BROADWAY, ROOM 820
MILWAUKEE, WI 53202
PHONE: (414) 286-0509
EMAIL: CZIRBEL@MILWAUKEE.GOV

WATER

CITY OF MILWAUKEE
MWW CONTROL CENTER (24/7 CONTACT)
841 N BROADWAY, ROOM 409
MILWAUKEE WI, 53202
PHONE: 414-286-3710

COMMUNICATIONS

CITY OF OAK CREEK
ANDREW LEDGER
8040 S. 6TH ST
OAK CREEK, WI 53154
PHONE: (262) 565-8020
EMAIL: ALEDGER@OAKCREEKWI.ORG

COMMUNICATIONS

CITY OF SOUTH MILWAUKEE
GENEVIEVE STOLLENWERK
2424 15TH AVE
SOUTH MILWAUKEE, WI 53172
PHONE: (414) 762-2222, EXT. 136
EMAIL: STOLLENWERK@SMWI.ORG

ELECTRICITY

GENERAL MITCHELL INTERNATIONAL AIRPORT
ANTHONY RAAB
5300 S. HOWELL AVE
MILWAUKEE, WI 53207
PHONE: (414) 747-5326
EMAIL: ARAAB@MITCHELLAIRPORT.COM

COMMUNICATIONS

MIDWEST FIBER NETWORKS LLC
CORY SCHUMUK
6070 NORTH FLINT ROAD
GLENDALE, WI 53209
PHONE: (414) 459-3561
EMAIL: CSCHUMUKI@MIDWESTFIBERNETWORKS.COM

SEWER

MILWAUKEE METROPOLITAN SEWERAGE DISTRICT
MICHAEL LEE
260 W SEEBOTH ST
MILWAUKEE, WI 53204
PHONE: (414) 225-2241
EMAIL: MLEE@MMSD.COM

SEWER

OAK CREEK WATER AND SEWER UTILITY
BRIAN JOHNSTON
170 WEST DREXEL AVENUE
OAK CREEK, WI 53154
PHONE: (414) 570-8210
EMAIL: BJOHNSTON@WATER.OAK-CREEK.WI.US

WATER

OAK CREEK WATER AND SEWER UTILITY
BRIAN JOHNSTON
170 WEST DREXEL AVENUE
OAK CREEK, WI 53154
PHONE: (414) 570-8210
EMAIL: BJOHNSTON@WATER.OAK-CREEK.WI.US

COMMUNICATIONS

SPECTRUM
MARIO MEANS
1320 N. DR. MARTIN LUTHER KING JR DRIVE
MILWAUKEE, WI 53212
PHONE: (414) 277-4024
EMAIL: MARIO.MEANS@CHARTER.COM

COMMUNICATIONS

TDS METROCOM LLC
KALLIE RAMSDELL
825 JUNCTION ROAD
MADISON, WI 53717
PHONE: (414) 416-4802
EMAIL: KALLIE.RAMSDELL@TDSTELECOM.COM

GAS\PETROLEUM

USDI
MICHAEL WEILER
1927 MILLER DRIVE
OLNEY, IL 62450
PHONE: (618) 392-5502
EMAIL: MWEILER@USDI.US

COMMUNICATIONS

VERIZON BUSINESS
RJ CICATELLO JR.
15725 WEST RYERSON ROAD
NEW BERLIN, WI 53151
PHONE: (262) 232-1323
EMAIL: RANDY.CICATELLO@VERIZON.COM

ELECTRICITY

WE ENERGIES
ERIC KICKHAVER
500 S 116TH STREET
WEST ALLIS, WI 53214
PHONE: (262) 806-9197
EMAIL: ERIC.KICKHAVER1@WE-ENERGIES.COM

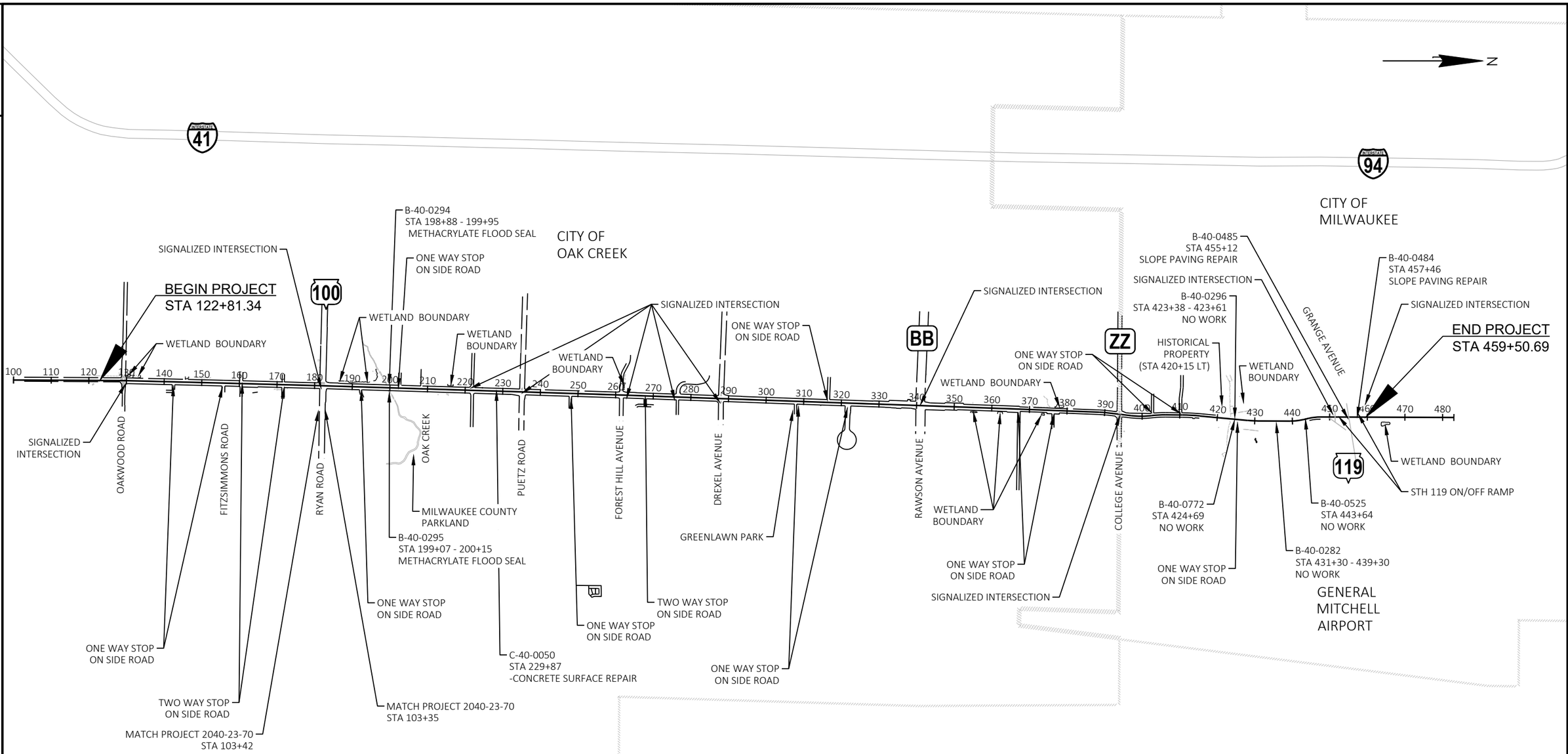
GAS\PETROLEUM

WE ENERGIES
JUSTIN PRATT-TOOLEY
7815 NORTHWESTERN AVE
RACINE, WI 53406
PHONE: (414) 944-5721
EMAIL: JUSTIN.PRATTTOOLEY@WE-ENERGIES.COM

GAS\PETROLEUM

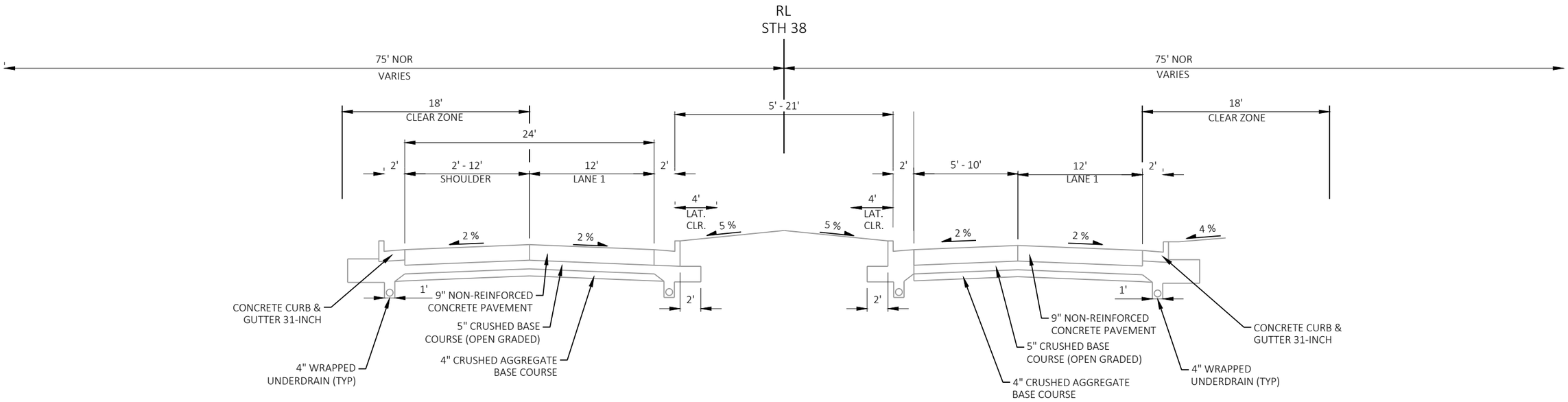
WEST SHORE PIPE LINE COMPANY
ARIC AUFDERMAUER
12920 BELL ROAD
LEMONT, IL 60439
PHONE: (414) 391-8102
EMAIL: AAUFDERMAUER@BUCKEYE.COM

DIGGERS HOTLINE
Dial 811 or (800)242-8511
www.DiggersHotline.com



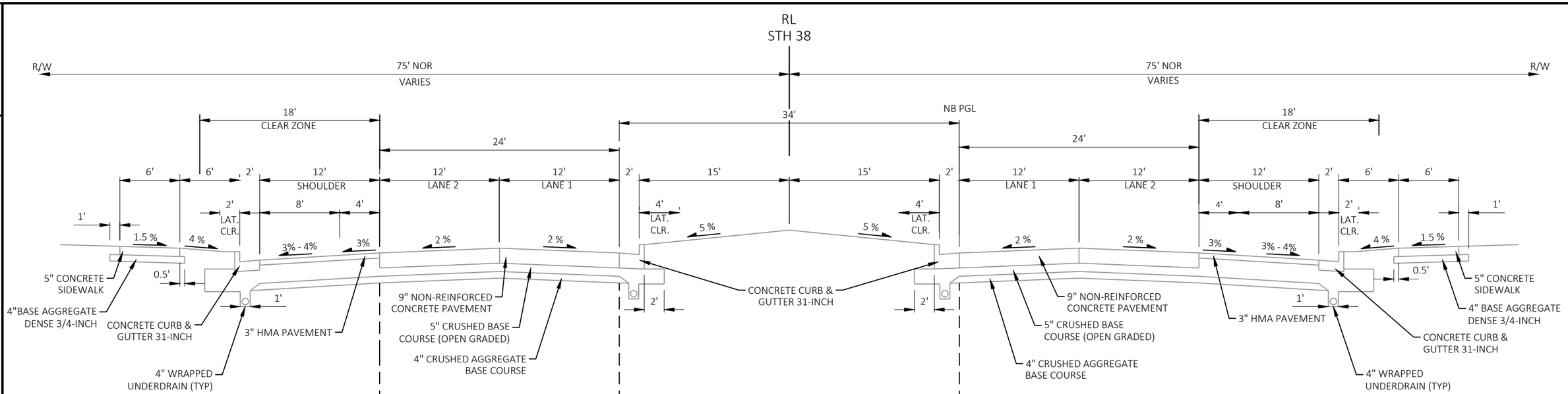
PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PROJECT OVERVIEW	SHEET 4	E

2



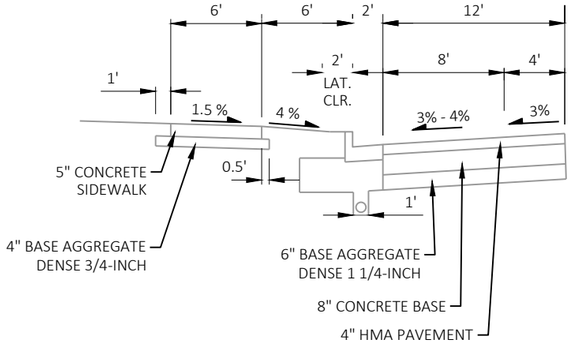
EXISTING TYPICAL SECTION - STH 38 (HOWELL AVENUE)

STA 122+81 TO STA 125+64

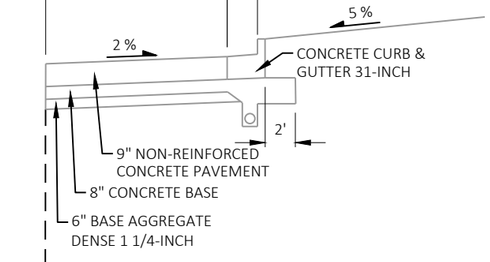


EXISTING TYPICAL SECTION - STH 38 (HOWELL AVENUE)

STA 125+64 TO STA 176+00

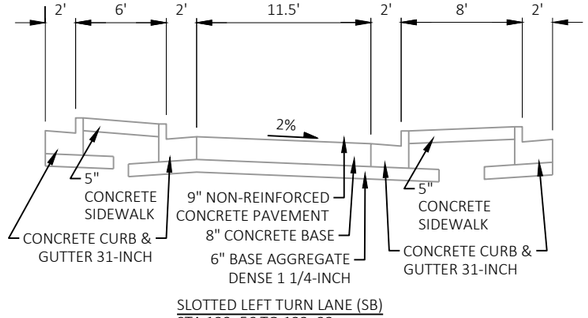


RIGHT TURN LANE SOUTHBOUND
STA 130+00 TO 135+00

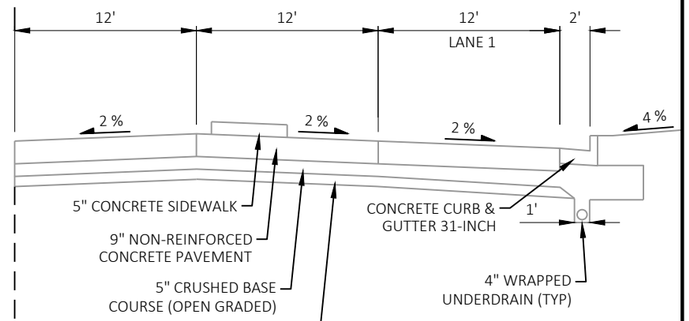


LEFT TURN LANE

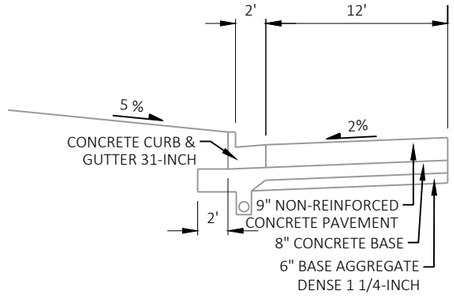
STA 142+79 TO 143+61



SLOTTED LEFT TURN LANE (SB)
STA 129+56 TO 133+23



SLOTTED LEFT TURN LANE (NB)
STA 124+91 TO STA 128+80



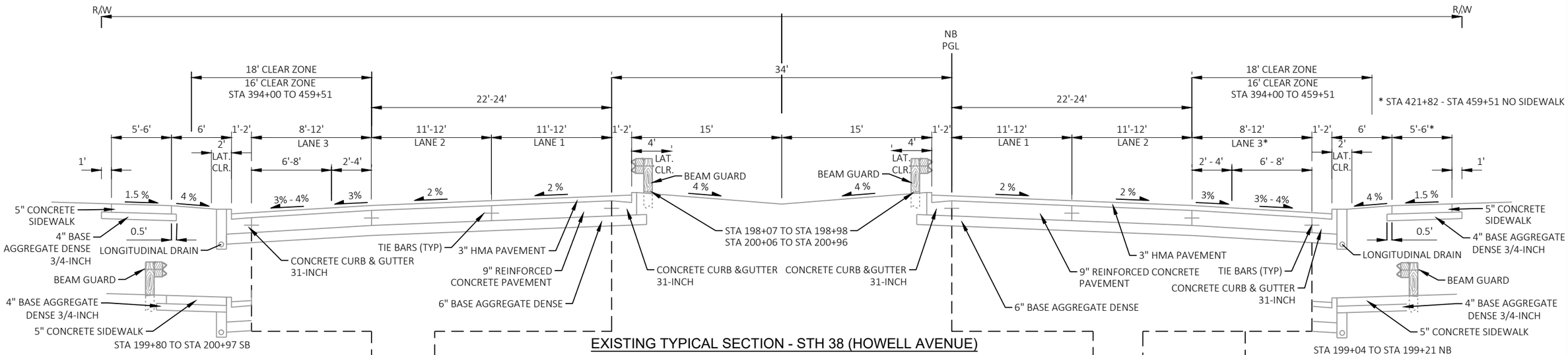
LEFT TURN LANE
MIRROR FOR SOUTHBOUND

STA 141+41 TO STA 142+26 NB
STA 146+30 TO STA 147+19 NB
STA 151+67 TO STA 152+37 NB
STA 156+01 TO STA 156+01 SB
STA 159+39 TO STA 160+21 NB
STA 160+75 TO STA 161+59 SB
STA 170+42 TO STA 171+40 NB
STA 171+89 TO STA 172+78 SB

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TYPICAL SECTIONS	SHEET 6	E

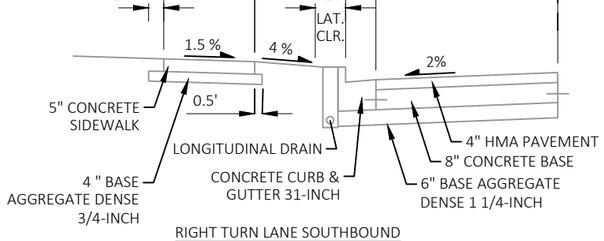
2

RL
STH 38



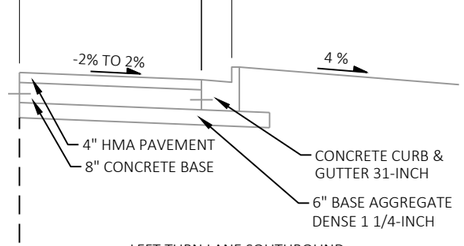
EXISTING TYPICAL SECTION - STH 38 (HOWELL AVENUE)

STA 176+00 TO STA 431+30
STA 439+30 TO STA 459+51



RIGHT TURN LANE SOUTHBOUND

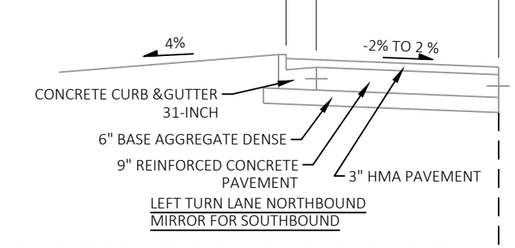
STA 183+57 TO STA 187+87 SB
STA 262+25 TO STA 266+63 SB
STA 277+45 TO STA 281+64 SB



LEFT TURN LANE SOUTHBOUND
MIRROR FOR NORTHBOUND

STA 236+08 TO STA 237+94 SB
STA 290+29 TO STA 293+92 SB
STA 308+21 TO STA 311+58 SB
STA 323+75 TO STA 326+19 SB
STA 327+97 TO STA 331+50 SB
STA 376+73 TO STA 379+93 SB
STA 387+71 TO STA 389+22 SB
STA 403+17 TO STA 406+60 SB
STA 455+58 TO STA 456+61 SB

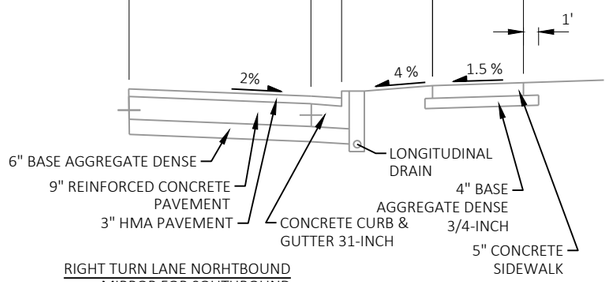
STA 174+48 TO STA 178+55 NB
STA 190+44 TO STA 191+62 NB
STA 224+58 TO STA 229+35 NB
STA 232+56 TO STA 234+32 NB
STA 244+21 TO STA 247+49 NB
STA 271+94 TO STA 275+78 NB
STA 280+74 TO STA 284+89 NB
STA 294+09 TO STA 297+59 NB
STA 330+50 TO STA 334+29 NB
STA 352+91 TO STA 356+41 NB
STA 370+51 TO STA 374+00 NB
STA 385+62 TO STA 387+41 NB
STA 390+17 TO STA 393+33 NB
STA 399+01 TO STA 402+52 NB
STA 455+22 TO STA 457+08 NB



LEFT TURN LANE NORTHBOUND
MIRROR FOR SOUTHBOUND

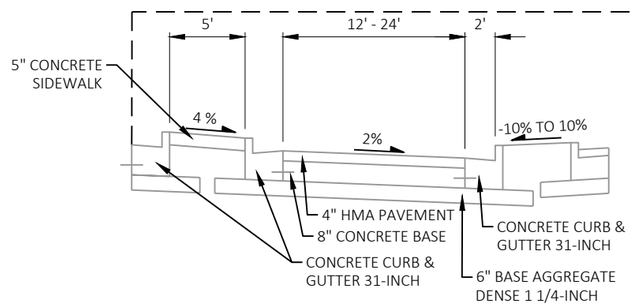
STA 194+72 TO STA 196+17 NB
STA 201+54 TO STA 202+34 NB
STA 207+06 TO STA 208+58 NB
STA 239+92 TO STA 240+79 NB
STA 265+99 TO STA 267+55 NB
STA 305+99 TO STA 307+46 NB
STA 314+51 TO STA 316+21 NB
STA 345+46 TO STA 347+16 NB
STA 361+70 TO STA 362+07 NB
STA 408+61 TO STA 409+89 NB
STA 412+52 TO STA 413+11 NB

STA 192+50 TO STA 194+02 SB
STA 196+74 TO STA 197+20 SB
STA 241+59 TO STA 242+69 SB
STA 248+28 TO STA 250+01 SB
STA 268+20 TO STA 269+63 SB
STA 298+27 TO STA 299+77 SB
STA 357+82 TO STA 359+78 SB
STA 363+62 TO STA 364+88 SB
STA 367+59 TO STA 369+00 SB
STA 414+17 TO STA 414+93 SB
STA 421+54 TO STA 422+90 SB
STA 426+01 TO STA 427+18 SB
STA 447+35 TO STA 448+50 SB



RIGHT TURN LANE NORHTBOUND
MIRROR FOR SOUTHBOUND

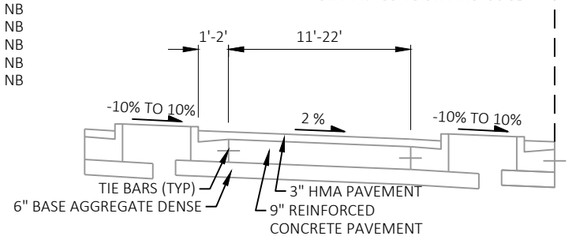
STA 339+72 TO STA 340+38 NB
STA 341+47 TO STA 342+19 SB



SLOTTED LEFT TURN LANE SOUTHBOUND
MIRROR FOR NORTHBOUND

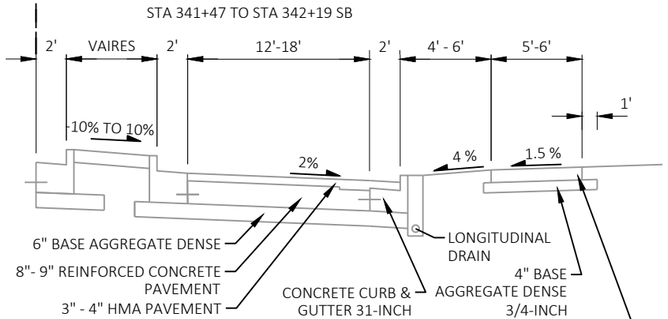
STA 182+88 TO STA 186+25 SB
STA 222+37 TO STA 227+46 SB
STA 262+07 TO STA 267+17 SB
STA 276+98 TO STA 283+01 SB
STA 341+80 TO STA 343+38 SB

STA 176+00 TO STA 181+32 NB
STA 216+09 TO STA 221+56 NB
STA 254+88 TO STA 261+03 NB



SLOTTED LEFT TURN LANE NORTHBOUND
MIRROR FOR SOUTHBOUND

STA 337+84 TO STA 340+04 NB
STA 449+60 TO STA 451+29 NB
STA 452+24 TO STA 453+25 SB

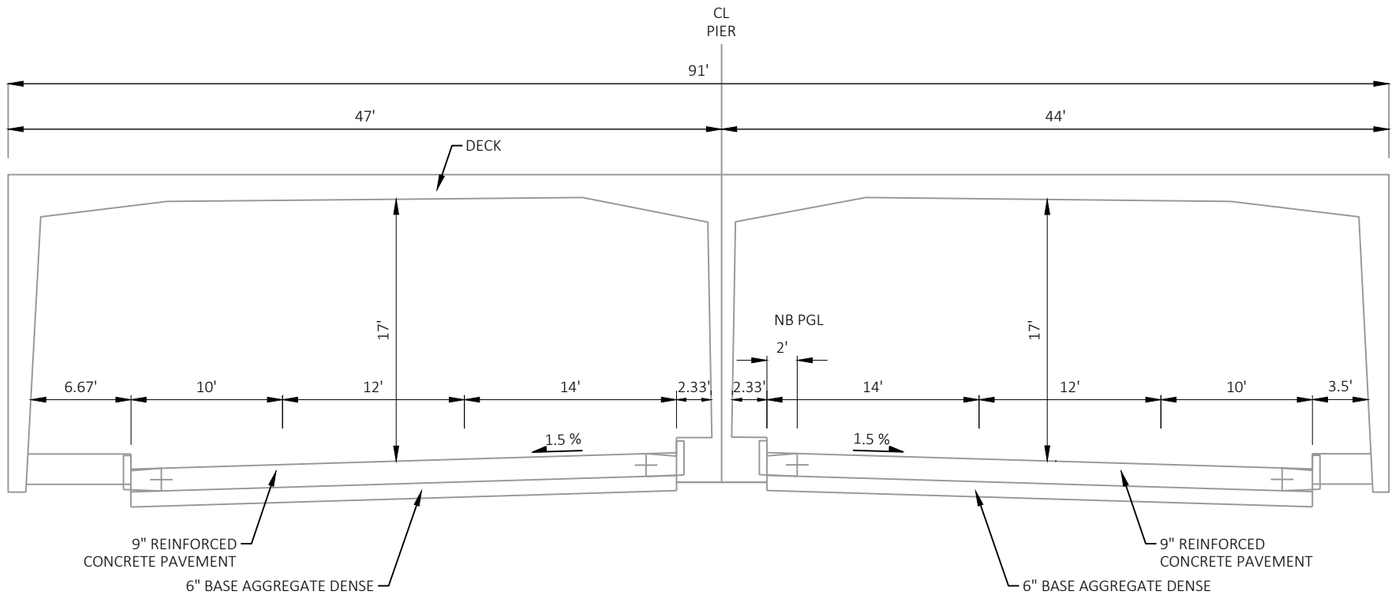


RIGHT TURN LANE NORHTBOUND
MIRROR FOR SOUTHBOUND

STA 234+09 TO STA 234+70 NB
STA 288+52 TO STA 289+08 SB
STA 394+36 TO STA 394+81 SB

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TYPICAL SECTIONS	SHEET 7	E

2



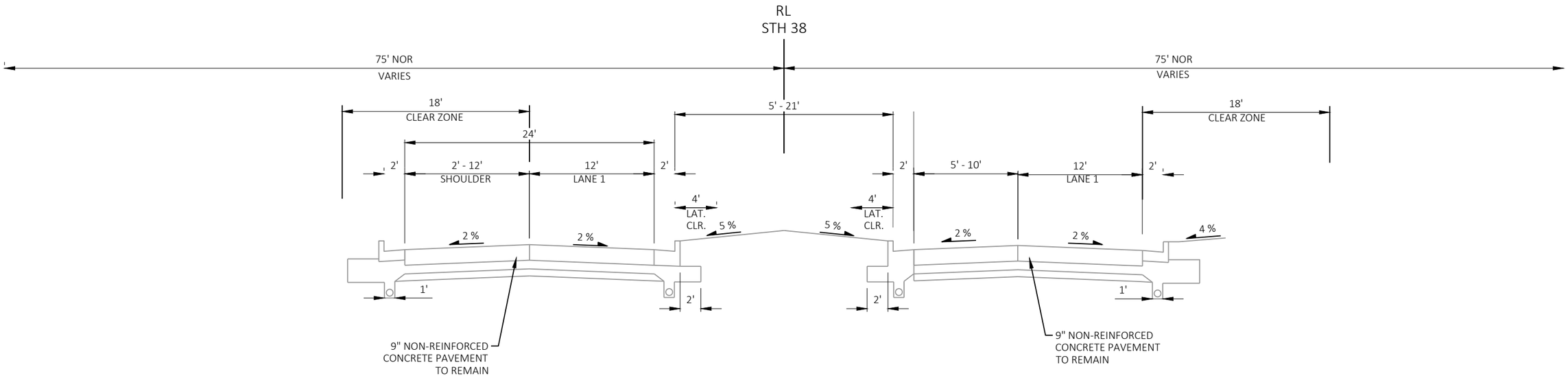
EXISTING TYPICAL SECTION - STH 38 (HOWELL AVENUE)

STA 431+30 TO STA 439+30

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TYPICAL SECTIONS	SHEET 8	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\020301-TS.DWG
LAYOUT NAME - 04
PLOT DATE : 1/29/2026 2:49 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

2

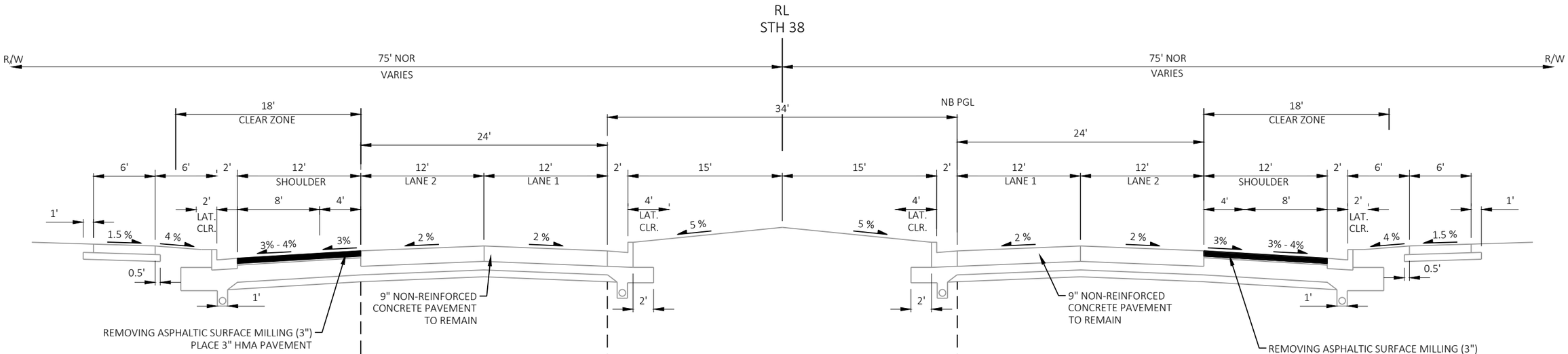


FINISHED TYPICAL SECTION - STH 38 (HOWELL AVENUE)

STA 122+81 TO STA 125+64

SEE PLAN DETAILS FOR CONCRETE PAVEMENT REPAIR/REPLACEMENT LOCATIONS.

SEE PLAN DETAILS FOR CLEANING AND SEALING CRACKS AND JOINTS WITH HOT-APPLIED SEALANT LOCATIONS.

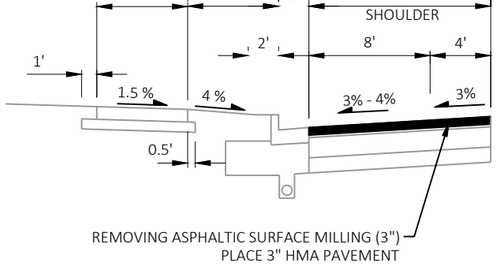


FINISHED TYPICAL SECTION - STH 38 (HOWELL AVENUE)

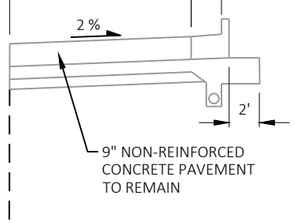
STA 125+64 TO STA 176+00

SEE PLAN DETAILS FOR CONCRETE PAVEMENT REPAIR/REPLACEMENT LOCATIONS.

SEE PLAN DETAILS FOR CLEANING SEALING CRACKS AND JOINTS WITH HOT-APPLIED SEALANT LOCATIONS.

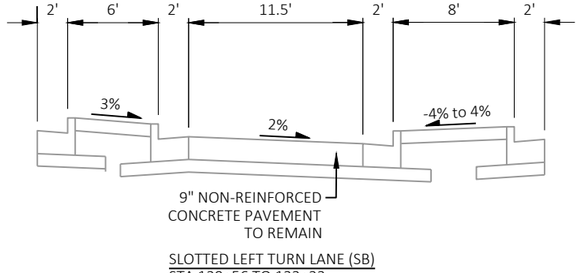


RIGHT TURN LANE SOUTHBOUND
STA 130+00 TO STA 135+00

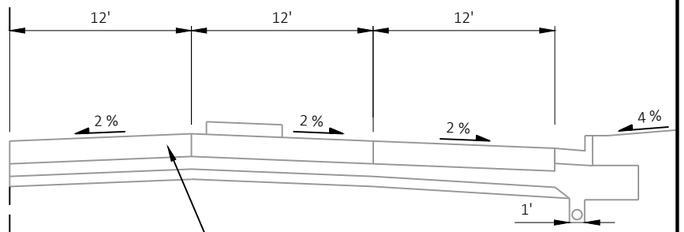


LEFT TURN LANE

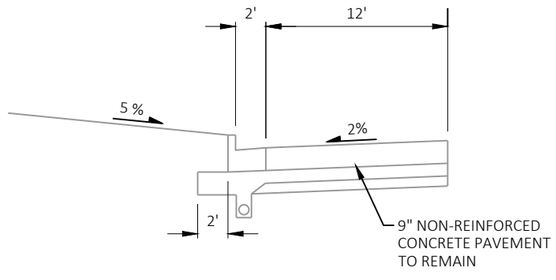
STA 142+79 TO 143+61



SLOTTED LEFT TURN LANE (SB)
STA 129+56 TO 133+23



SLOTTED LEFT TURN LANE (NB)
STA 124+91 TO STA 128+80



LEFT TURN LANE
MIRROR FOR SOUTHBOUND

STA 141+41 TO STA 142+26 NB
STA 146+30 TO STA 147+19 NB
STA 151+67 TO STA 152+37 NB
STA 156+01 TO STA 156+01 SB
STA 159+39 TO STA 160+21 NB
STA 160+75 TO STA 161+59 SB
STA 170+42 TO STA 171+40 NB
STA 171+89 TO STA 172+78 SB

RL
STH 38

R/W

R/W

NB
PGL

18' CLEAR ZONE
16' CLEAR ZONE
STA 394+00 TO 459+51

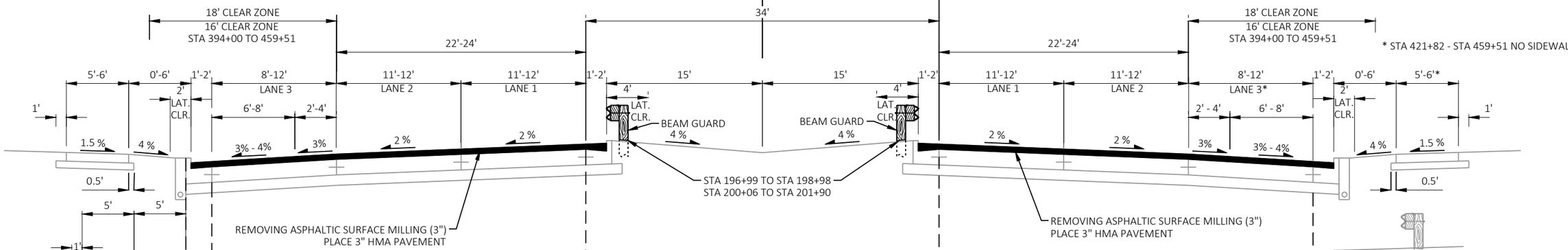
22'-24'

34'

22'-24'

18' CLEAR ZONE
16' CLEAR ZONE
STA 394+00 TO 459+51

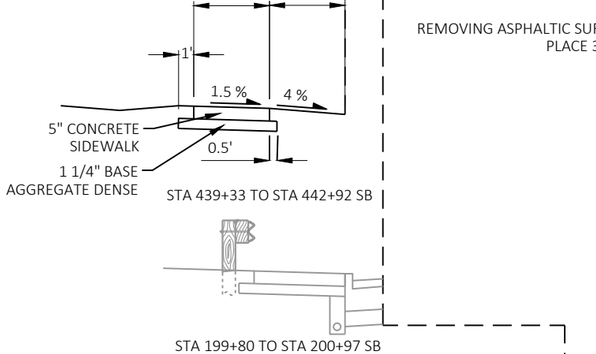
* STA 421+82 - STA 459+51 NO SIDEWALK



FINISHED TYPICAL SECTION - STH 38 (HOWELL AVENUE)

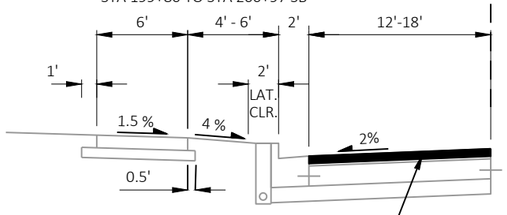
STA 176+00 TO STA 431+30
STA 439+30 TO STA 459+51

SEE PLAN DETAILS FOR BASE PATCHING LOCATIONS



STA 439+33 TO STA 442+92 SB

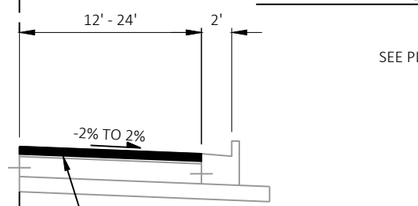
STA 199+80 TO STA 200+97 SB



REMOVING ASPHALTIC SURFACE MILLING (3")
PLACE 3" HMA PAVEMENT

RIGHT TURN LANE SOUTHBOUND

STA 183+57 TO STA 187+87 SB
STA 262+25 TO STA 266+63 SB
STA 277+45 TO STA 281+64 SB

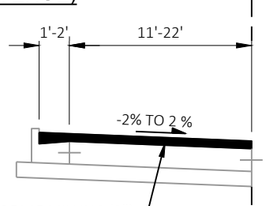


REMOVING ASPHALTIC SURFACE MILLING (3")
PLACE 3" HMA PAVEMENT

LEFT TURN LANE SOUTHBOUND
MIRROR FOR NORTHBOUND

STA 236+08 TO STA 237+94 SB
STA 290+29 TO STA 293+92 SB
STA 308+21 TO STA 311+58 SB
STA 323+75 TO STA 326+19 SB
STA 327+97 TO STA 331+50 SB
STA 376+73 TO STA 379+93 SB
STA 387+71 TO STA 389+22 SB
STA 403+17 TO STA 406+60 SB
STA 455+58 TO STA 456+61 SB

STA 174+48 TO STA 178+55 NB
STA 190+44 TO STA 191+62 NB
STA 224+58 TO STA 229+35 NB
STA 232+56 TO STA 234+32 NB
STA 244+21 TO STA 247+49 NB
STA 271+94 TO STA 275+78 NB
STA 280+74 TO STA 284+89 NB
STA 294+09 TO STA 297+59 NB
STA 330+50 TO STA 334+29 NB
STA 352+91 TO STA 356+41 NB
STA 370+51 TO STA 374+00 NB
STA 385+62 TO STA 387+41 NB
STA 390+17 TO STA 393+33 NB
STA 399+01 TO STA 402+52 NB
STA 455+22 TO STA 457+08 NB

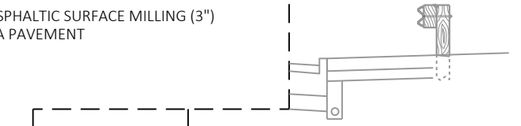


REMOVING ASPHALTIC SURFACE MILLING (3")
PLACE 3" HMA PAVEMENT

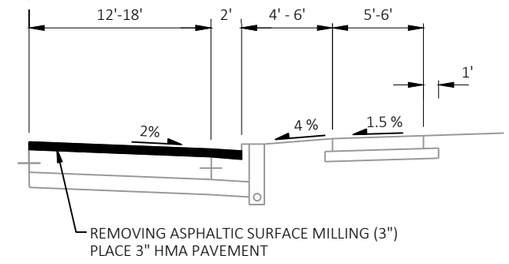
LEFT TURN LANE NORTHBOUND
MIRROR FOR SOUTHBOUND

STA 194+72 TO STA 196+17 NB
STA 201+54 TO STA 202+34 NB
STA 207+06 TO STA 208+58 NB
STA 239+92 TO STA 240+79 NB
STA 265+99 TO STA 267+55 NB
STA 305+99 TO STA 307+46 NB
STA 314+51 TO STA 316+21 NB
STA 345+46 TO STA 347+16 NB
STA 361+70 TO STA 362+07 NB
STA 408+61 TO STA 409+89 NB
STA 412+52 TO STA 413+11 NB

STA 192+50 TO STA 194+02 SB
STA 196+74 TO STA 197+20 SB
STA 241+59 TO STA 242+69 SB
STA 248+28 TO STA 250+01 SB
STA 268+20 TO STA 269+63 SB
STA 298+27 TO STA 299+77 SB
STA 357+82 TO STA 359+78 SB
STA 363+62 TO STA 364+88 SB
STA 367+59 TO STA 369+00 SB
STA 414+17 TO STA 414+93 SB
STA 421+54 TO STA 422+90 SB
STA 426+01 TO STA 427+18 SB
STA 447+35 TO STA 448+50 SB



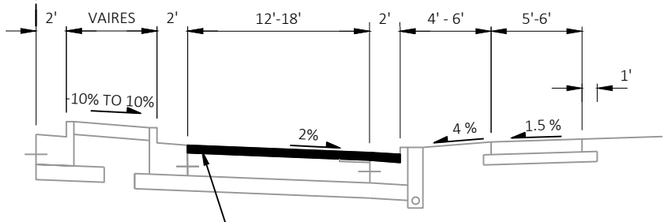
STA 199+04 TO STA 199+21 NB



REMOVING ASPHALTIC SURFACE MILLING (3")
PLACE 3" HMA PAVEMENT

RIGHT TURN LANE NORHTBOUND
MIRROR FOR SOUTHBOUND

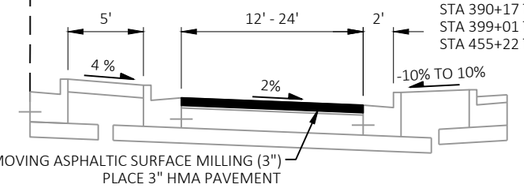
STA 339+72 TO STA 340+38 NB
STA 341+47 TO STA 342+19 SB



REMOVING ASPHALTIC SURFACE MILLING (3")
PLACE 3" HMA PAVEMENT

RIGHT TURN LANE NORHTBOUND
MIRROR FOR SOUTHBOUND

STA 234+09 TO STA 234+70 NB
STA 288+52 TO STA 289+08 SB
STA 394+36 TO STA 394+81 SB

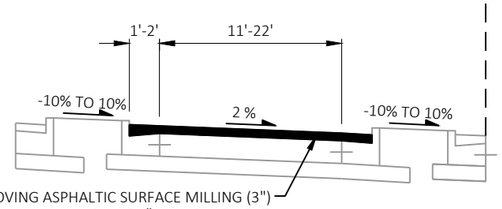


REMOVING ASPHALTIC SURFACE MILLING (3")
PLACE 3" HMA PAVEMENT

SLOTTED LEFT TURN LANE SOUTHBOUND
MIRROR FOR NORTHBOUND

STA 182+88 TO STA 186+25 SB
STA 222+37 TO STA 227+46 SB
STA 262+07 TO STA 267+17 SB
STA 276+98 TO STA 283+01 SB
STA 341+80 TO STA 343+38 SB

STA 176+00 TO STA 181+32 NB
STA 216+09 TO STA 221+56 NB
STA 254+88 TO STA 261+03 NB

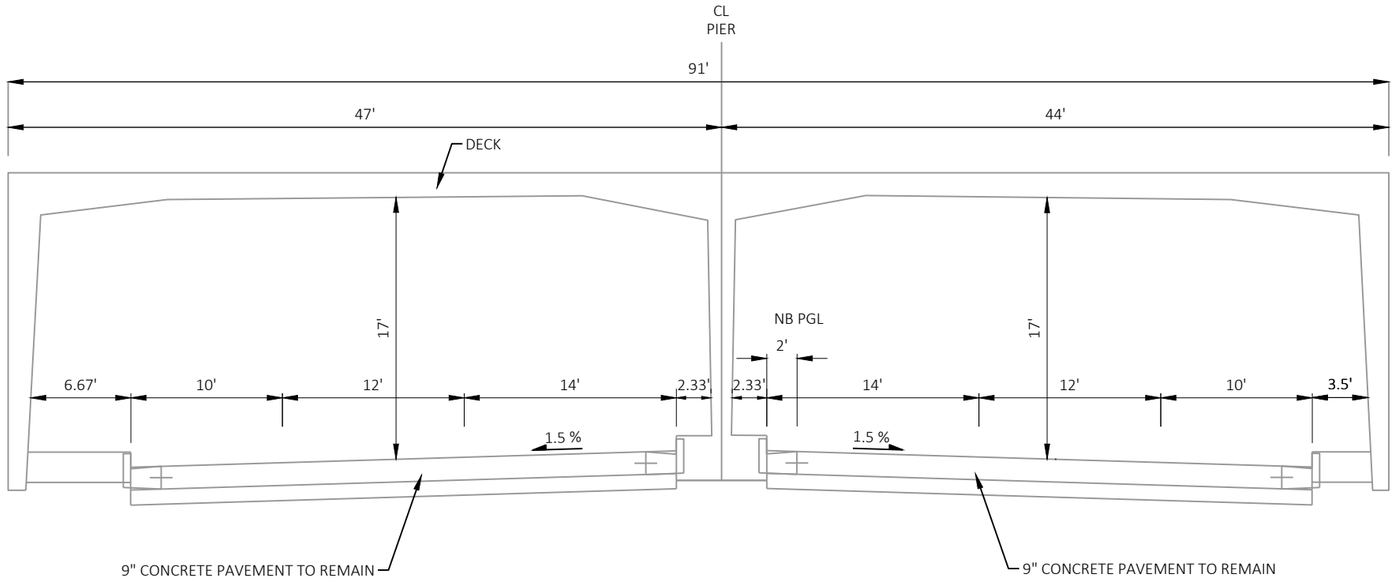


REMOVING ASPHALTIC SURFACE MILLING (3")
PLACE 3" HMA PAVEMENT

SLOTTED LEFT TURN LANE NORTHBOUND
MIRROR FOR SOUTHBOUND

STA 337+84 TO STA 340+04 NB
STA 449+60 TO STA 451+29 NB
STA 452+24 TO STA 453+25 SB

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TYPICAL SECTIONS	SHEET 11	E



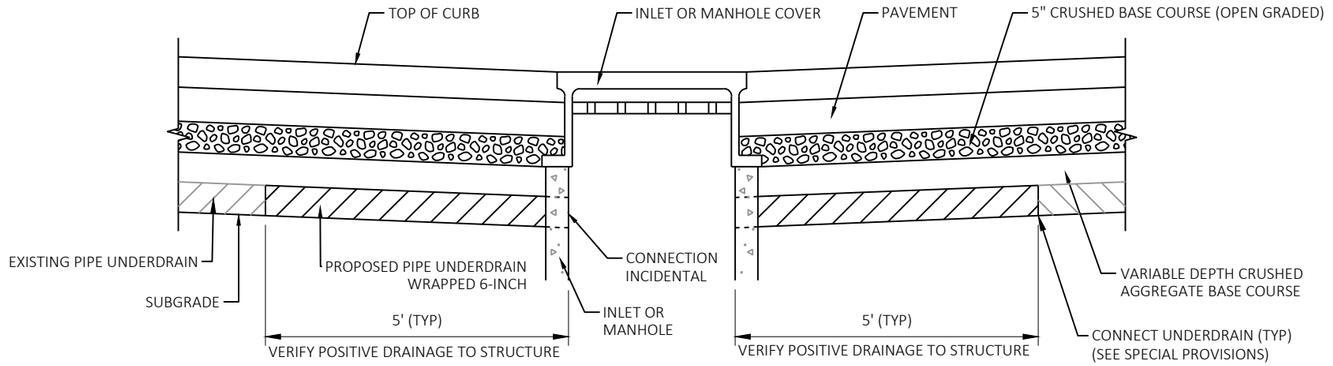
FINISHED TYPICAL SECTION - STH 38 (HOWELL AVENUE)

STA 431+30 TO STA 439+30

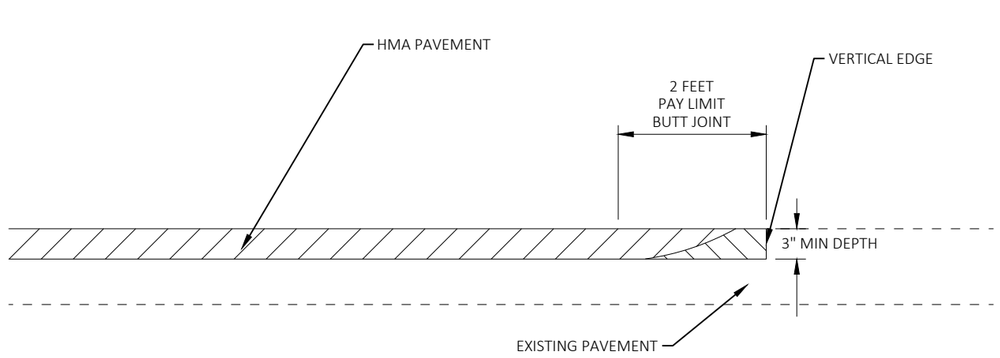
ENGINEER TO DETERMINE EXACT LOCATIONS OF CONCRETE PAVEMENT REPAIR/REPLACEMENT IN THE FIELD.

SEE PLAN DETAILS FOR CLEANING AND SEALING CRACKS AND JOINTS WITH HOT-APPLIED SEALANT LOCATIONS.

2



PIPE UNDERDRAIN DETAIL



TEMPORARY PAPER JOINT PLACED AFTER MILLING TO BE REMOVED PRIOR TO PAVING

REMOVING ASPHALTIC SURFACE MILLING

BUTT JOINT DETAIL FOR ASPHALTIC PAVEMENTS - (NO PROFILE CHANGE)

REMOVING CURB AND GUTTER AND PAVEMENT TO THE LIMITS SHOWN, EXCAVATING, PREPARING THE FOUNDATION AND SHIMMING ARE INCIDENTAL TO THE ADJUSTING OR RECONSTRUCTING BID ITEMS.

THE DEPARTMENT WILL PAY SEPARATELY FOR SAWING CONCRETE, CONCRETE CURB & GUTTER AND DRILLED TIE BARS.

MONOLITHIC SHIM CONCRETE, CONCRETE PLACEMENT AND FINISHING IS INCIDENTAL TO THE CONCRETE CURB & GUTTER BID ITEM.

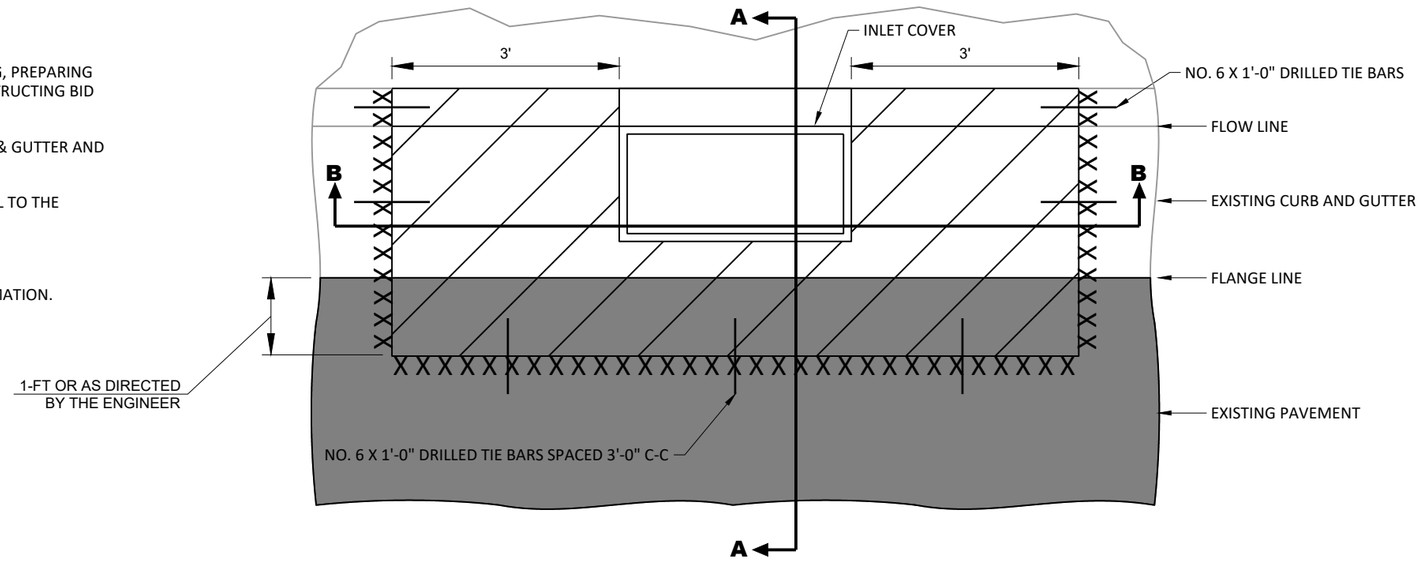
PREVENT CONCRETE AND OTHER DEBRIS FROM FALLING INTO STRUCTURE.

REFER TO PLAN DETAILS AND MISCELLANEOUS QUANTITIES FOR ADDITIONAL INFORMATION.

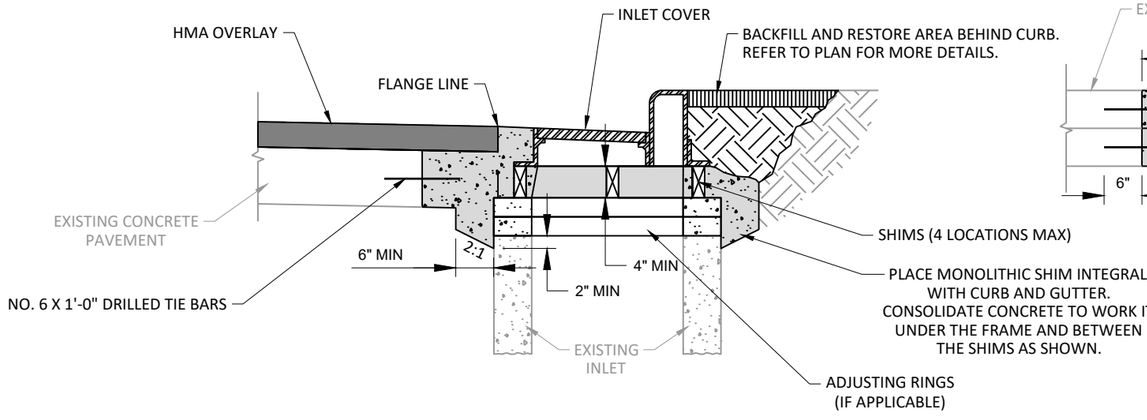
X X X SAWING CONCRETE

REMOVING CURB & GUTTER AND PAVEMENT

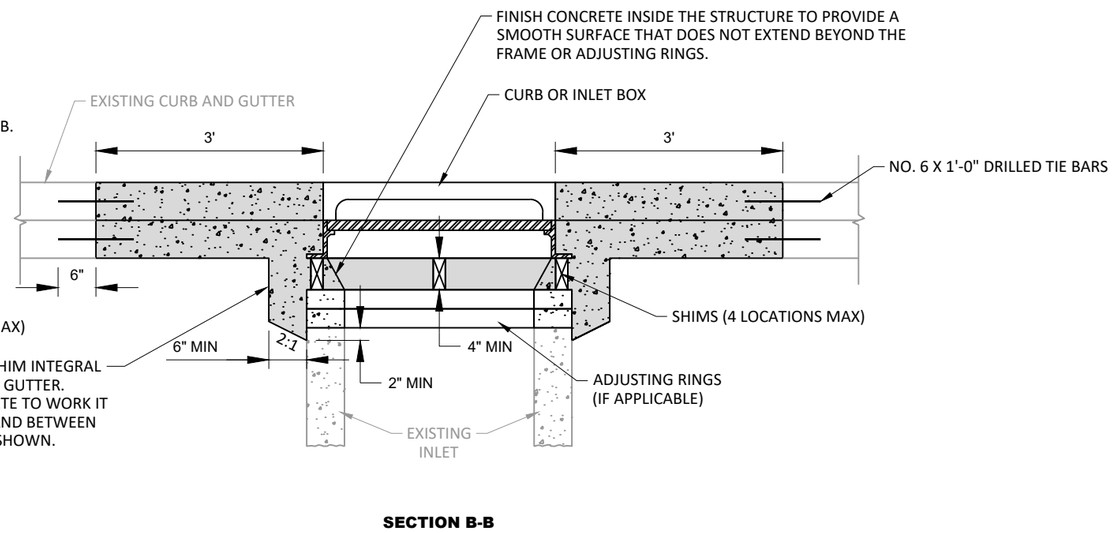
MONOLITHIC CONCRETE



PLAN VIEW



SECTION A-A



SECTION B-B

ADJUSTING / RECONSTRUCTING CATCH BASINS & INLETS - MONOLITHIC SHIM

2

PRIOR TO MILLING AND PAVING.

A. SAWCUT EXISTING PAVEMENT FULL DEPTH.
B. REMOVE AND STORE MANHOLE COVER.
C. FURNISH AND INSTALL TEMPORARY COVER PLATE.
D. BACKFILL USING ASPHALT SURFACE PATCHING.

AFTER PAVING HMA LOWER LAYER(S)

A. REMOVE ASPHALTIC SURFACE PATCHING.
B. EXCAVATE AROUND MANHOLE.
C. ADJUST OR RECONSTRUCT MANHOLE AND RE-INSTALL MANHOLE FRAME AND COVER.
D. POUR MONOLITHIC CONCRETE SHIM SO CONCRETE FILLS IN VOIDS BELOW THE CASTING BETWEEN THE SHIMS.
E. PAVE UPPER LAYER HMA.

PAVEMENT REMOVAL, ASPHALT PATCH REMOVAL, EXCAVATING, PREPARING THE FOUNDATION AND SHIMMING ARE INCIDENTAL TO THE ADJUSTING OR RECONSTRUCTING BID ITEMS.

THE DEPARTMENT WILL PAY SEPARATELY FOR SAWING CONCRETE, COVER PLATES TEMPORARY, ASPHALTIC SURFACE PATCHING, BASE PATCHING CONCRETE SHES AND DRILLED TIE BARS.

MONOLITHIC SHIM CONCRETE, CONCRETE PLACEMENT AND FINISHING IS INCIDENTAL TO THE BASE PATCHING CONCRETE SHES BID ITEM.

PREVENT CONCRETE AND OTHER DEBRIS FROM FALLING INTO STRUCTURE.

REFER TO PLAN DETAILS AND MISCELLANEOUS QUANTITIES FOR ADDITIONAL INFORMATION.

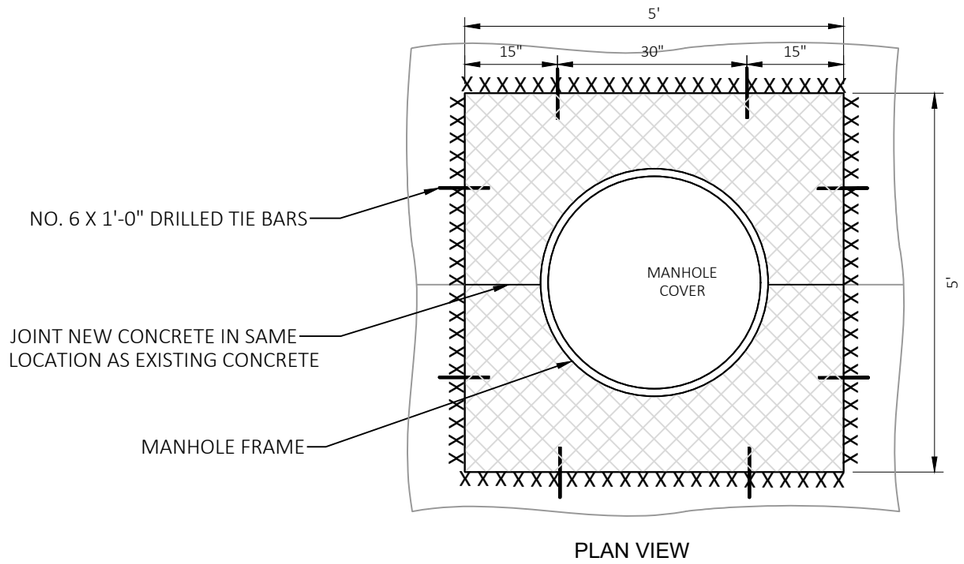
*SAWCUT WILL ONLY BE PAID ONCE. REMOVE ASPHALT SURFACE PATCHING MATERIAL TO THE ORIGINAL SAWCUT LIMITS.

XXX SAWING CONCRETE

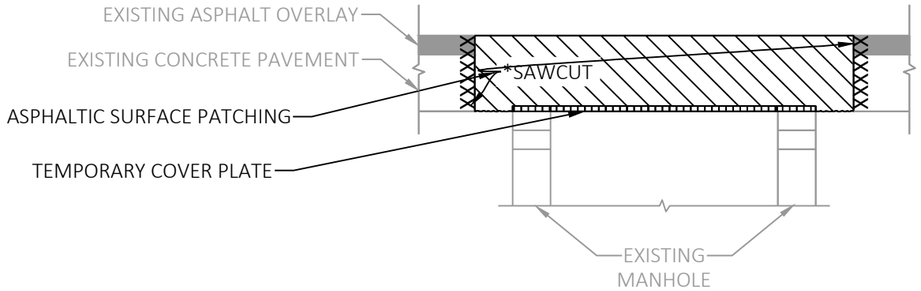
REMOVING PAVEMENT
(INCIDENTAL TO ADJUSTING / RECONSTRUCTING BID ITEMS)

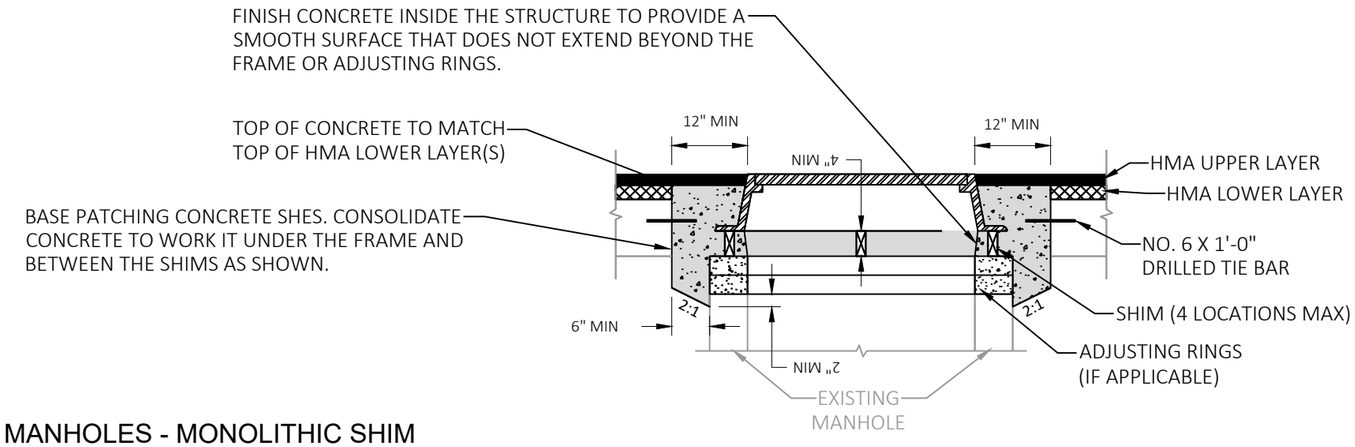
ASPHALTIC SURFACE PATCHING

MONOLITHIC CONCRETE



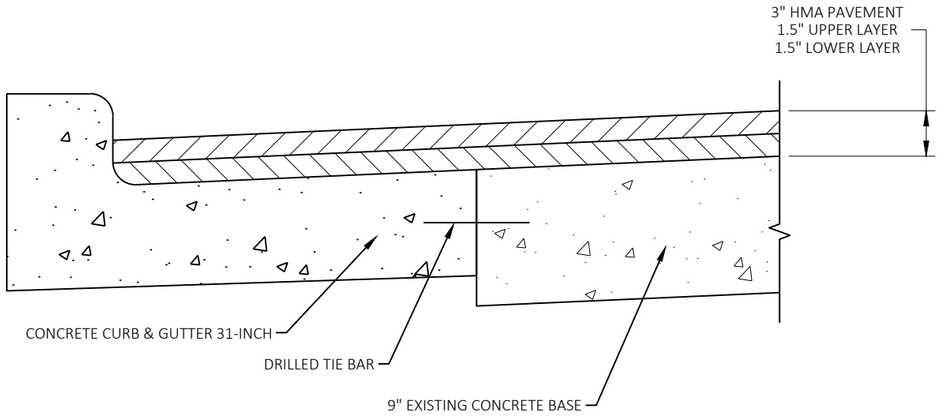
PLAN VIEW





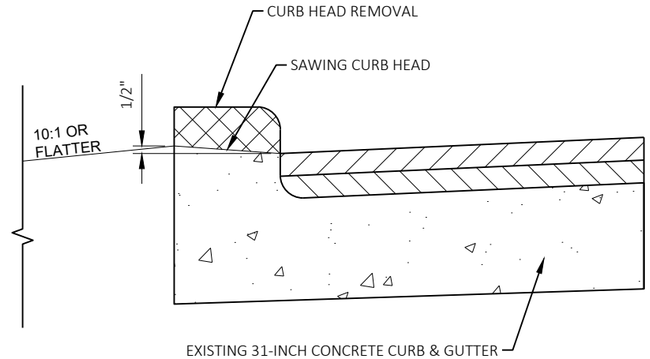
ADJUSTING / RECONSTRUCTING MANHOLES - MONOLITHIC SHIM

SER (20221101)



CONCRETE CURB & GUTTER 31-INCH WITH HMA OVERLAY

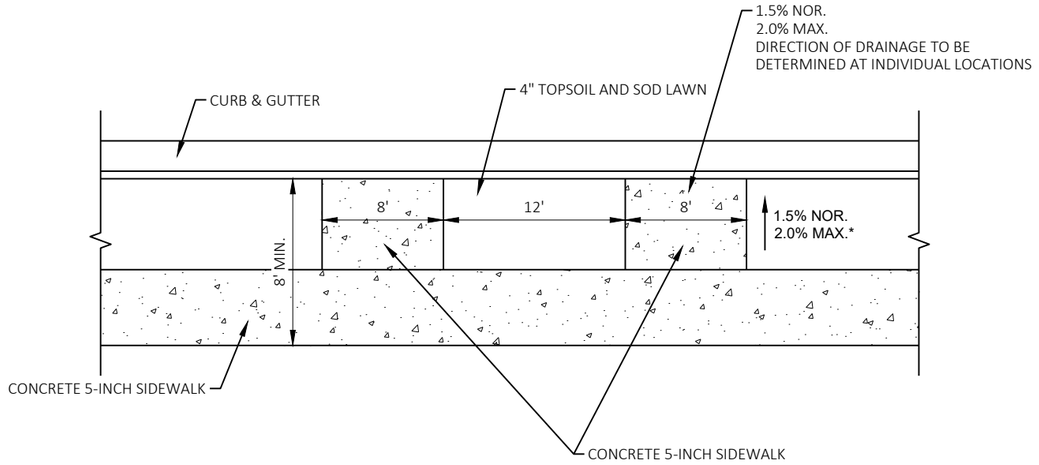
SEE CURB RAMP DETAILS FOR LOCATIONS



SAWING CURB HEAD

SEE PLAN DETAILS FOR LOCATIONS

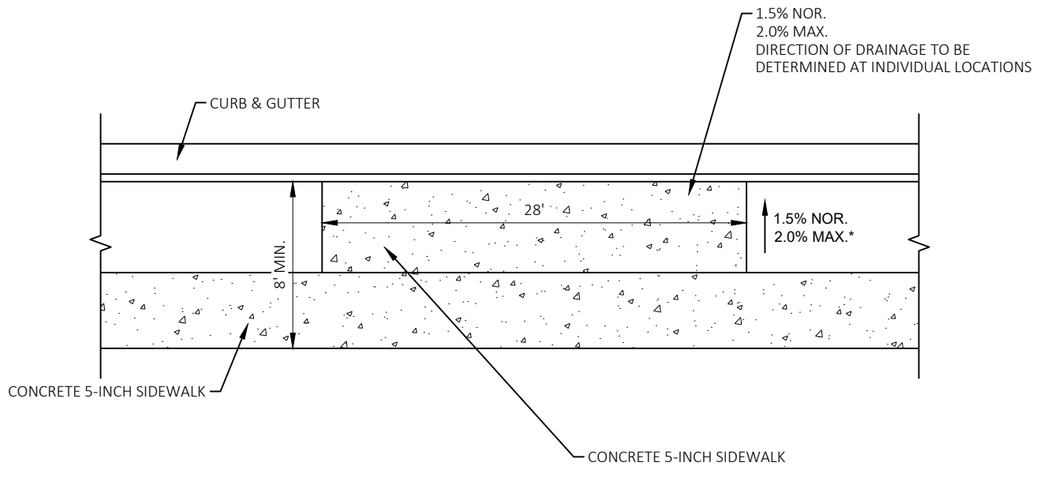
2



* IF A 2.0% MAXIMUM SLOPE CAN NOT BE OBTATAINED DUE TO EXISTING FIELD CONDITIONS, ADJACENT SIDEWALK SHALL BE REMOVED AND DEPRESSED TO ALLOW A 1.5% SLOPE; 2.0% MAX.

BUS STOP SPLIT WALK

SEE PLAN DETAILS FOR LOCATIONS



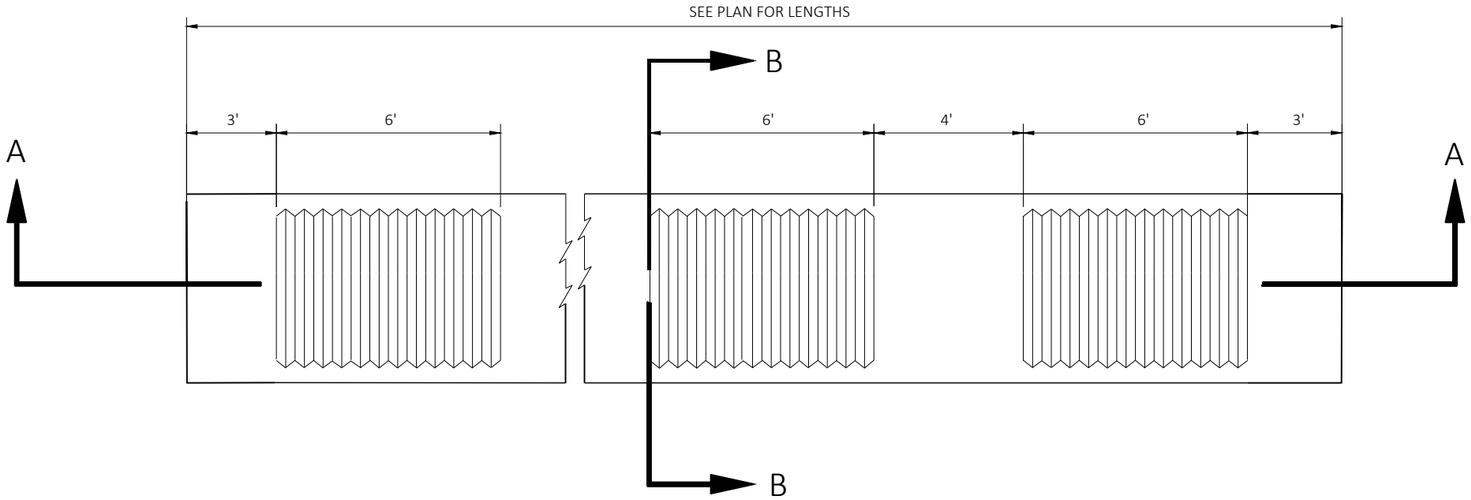
* IF A 2.0% MAXIMUM SLOPE CAN NOT BE OBTATAINED DUE TO EXISTING FIELD CONDITIONS, ADJACENT SIDEWALK SHALL BE REMOVED AND DEPRESSED TO ALLOW A 1.5% SLOPE; 2.0% MAX.

BUS STOP FULL WALK

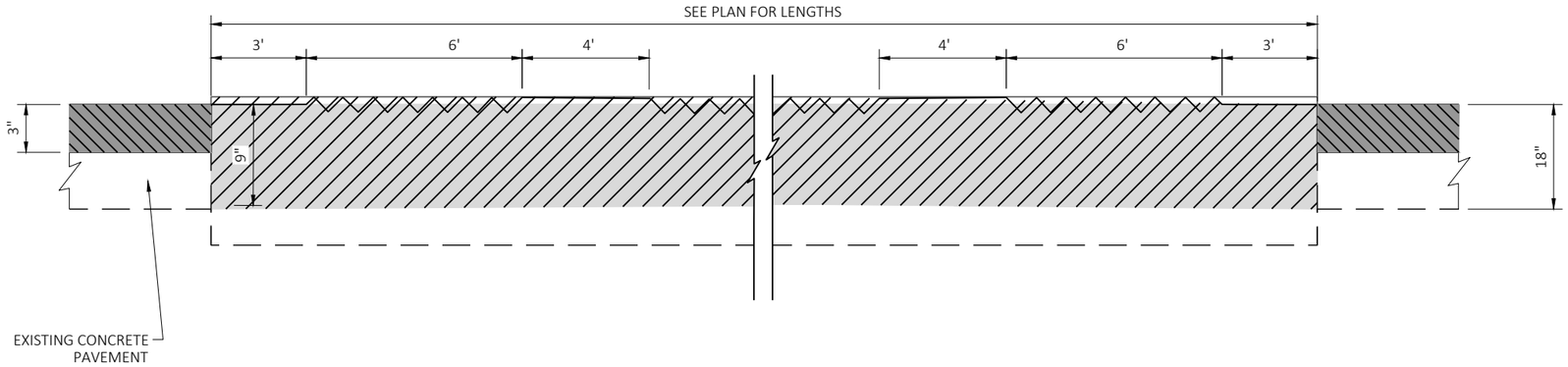
SEE PLAN DETAILS FOR LOCATIONS

2

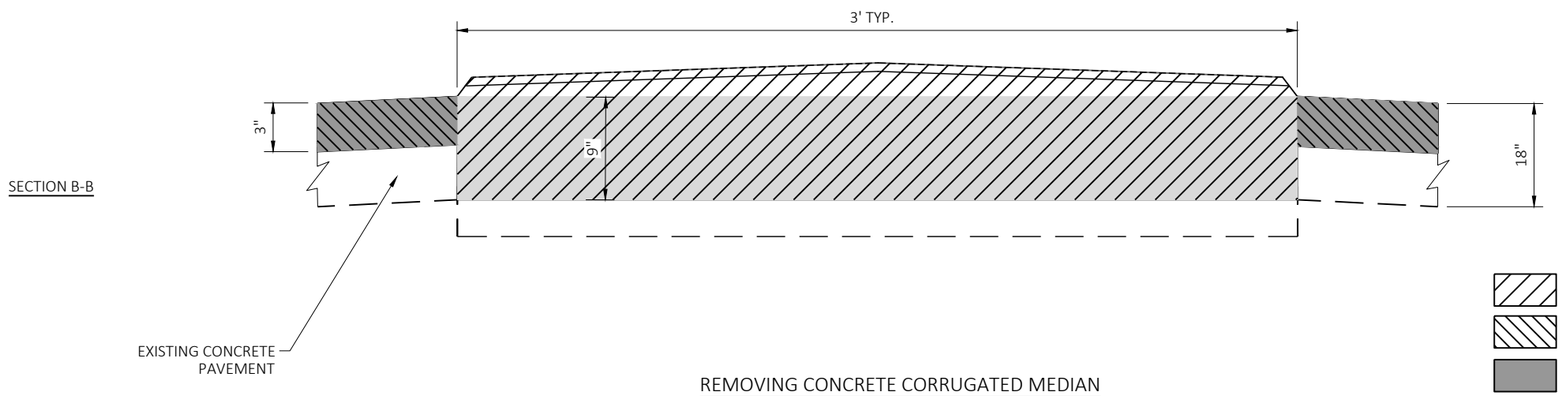
PLAN



SECTION A-A



SECTION B-B



REMOVING CONCRETE CORRUGATED MEDIAN

SEE PLAN DETAILS FOR LOCATIONS

REMOVING CONCRETE CORRUGATED MEDIAN (PAID FOR AS REMOVING PAVEMENT FOR BASE PATCHING)

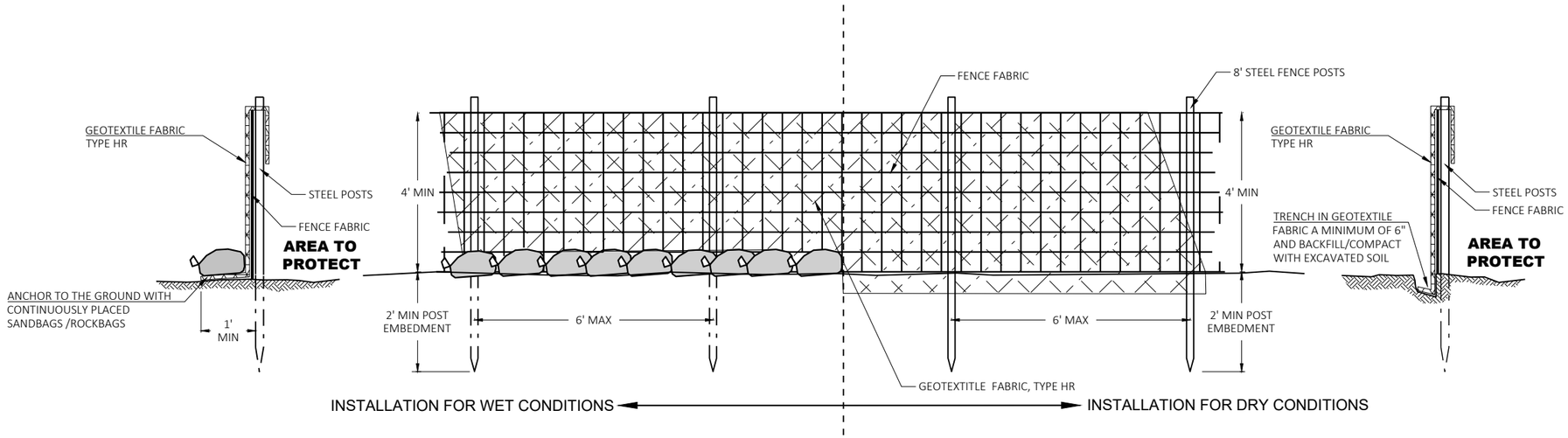
REMOVING ASPHALTIC SURFACE MILLING

HMA PAVEMENT

BASE PATCHING CONCRETE HES

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CONSTRUCTION DETAILS	SHEET 18	E

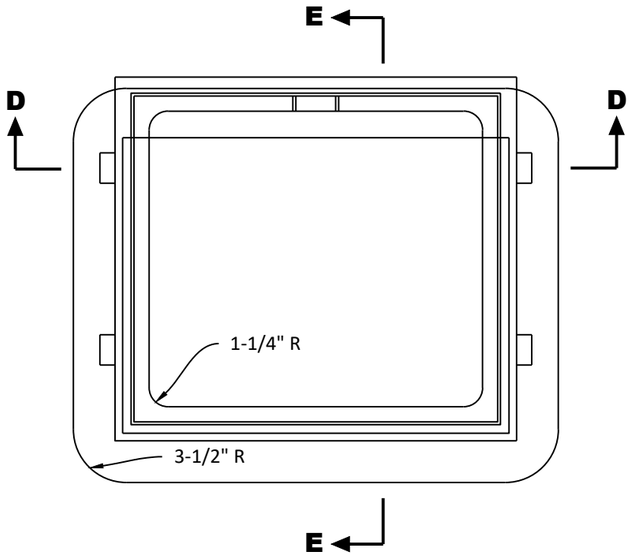
2

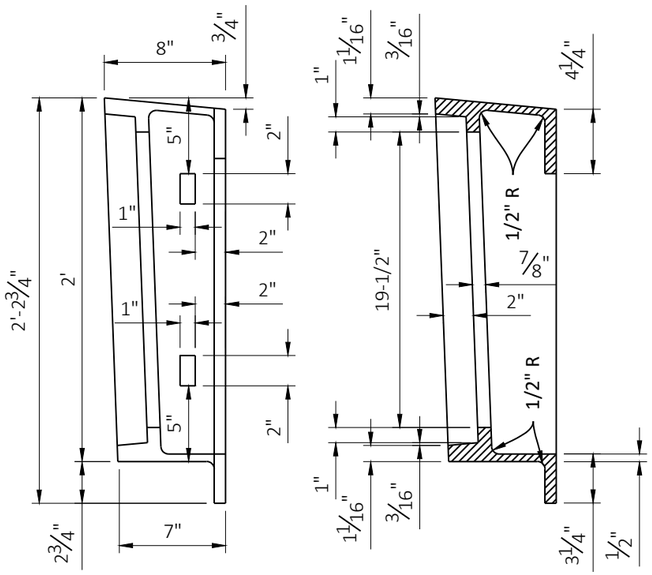


SILT FENCE HEAVY DUTY

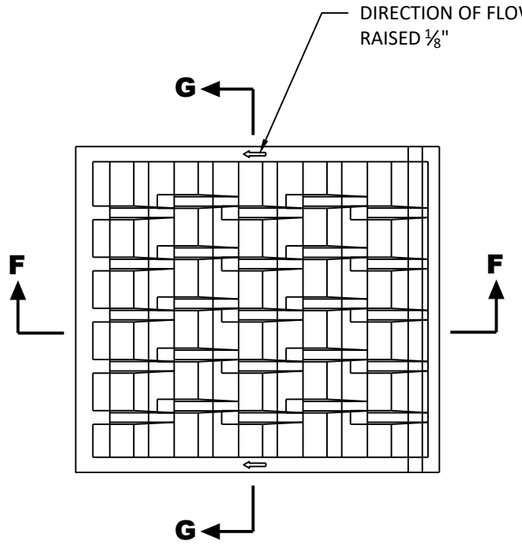
GENERAL NOTES:

1. ATTACH FENCE FABRIC TO POSTS A MINIMUM OF 3 TIES PER POST (TOP, MIDDLE, BOTTOM)
2. ATTACH GEOTEXTILE FABRIC TO FENCE FABRIC AND/OR POSTS AT A MAXIMUM SPACING OF EVERY 2 FEET ALONG THE TOP AND ADDITIONALLY AS NECESSARY TO PREVENT DISPLACEMENT BY WIND AND WAVE ACTIONS.

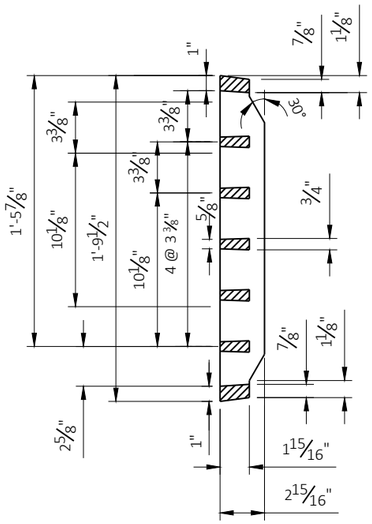




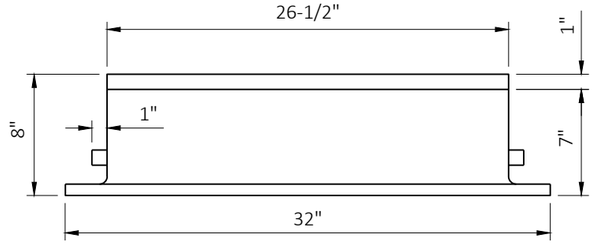
SECTION E-E



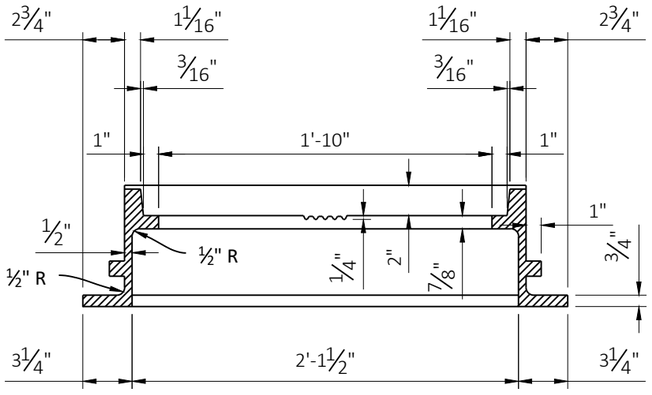
GRATE



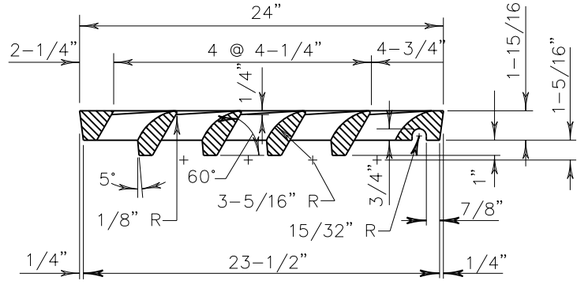
SECTION G-G



FRAME



SECTION D-D

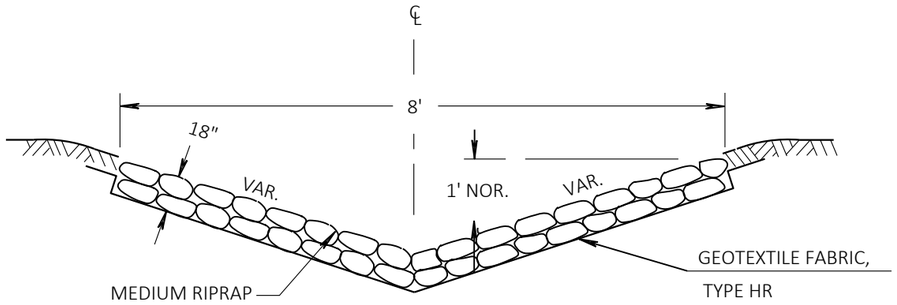


SECTION F-F

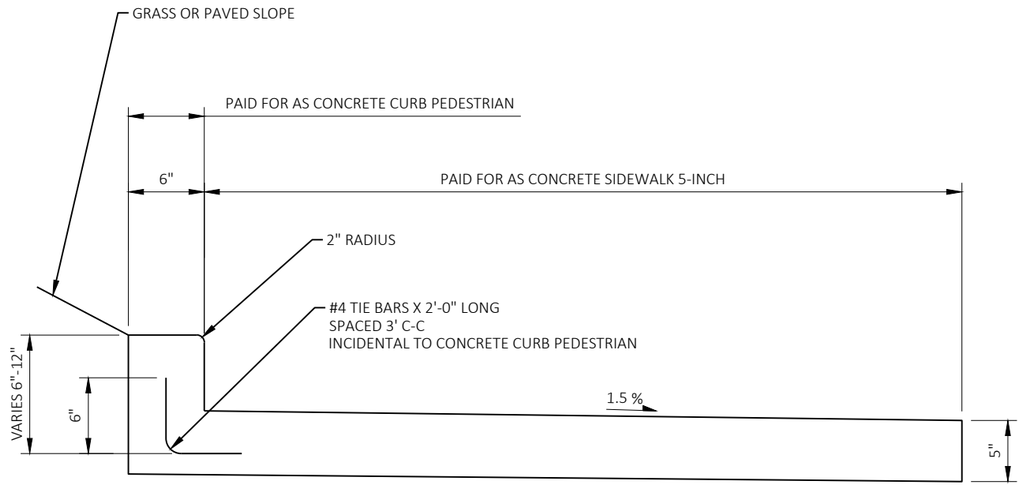
INLET COVER - TYPE 57

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CONSTRUCTION DETAILS	SHEET 20	E

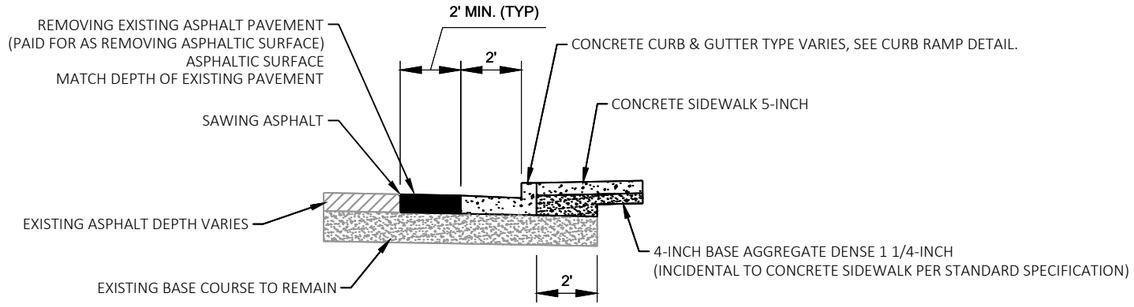
2



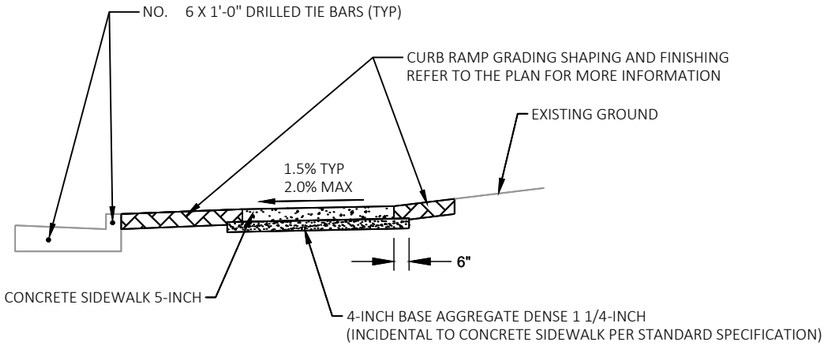
RIPRAP AND GEOTEXTILE FABRIC DETAIL



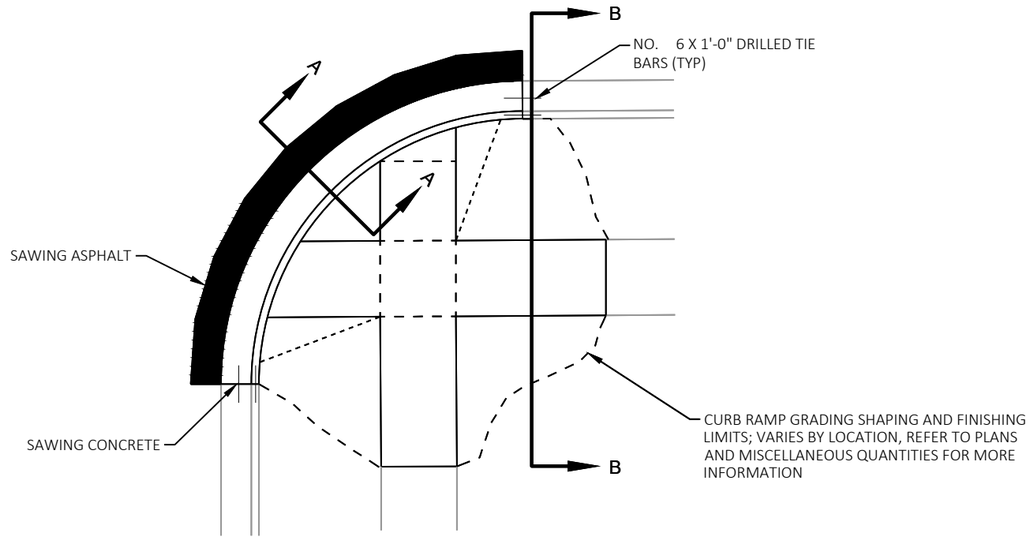
CONCRETE CURB PEDESTRIAN



SECTION A-A



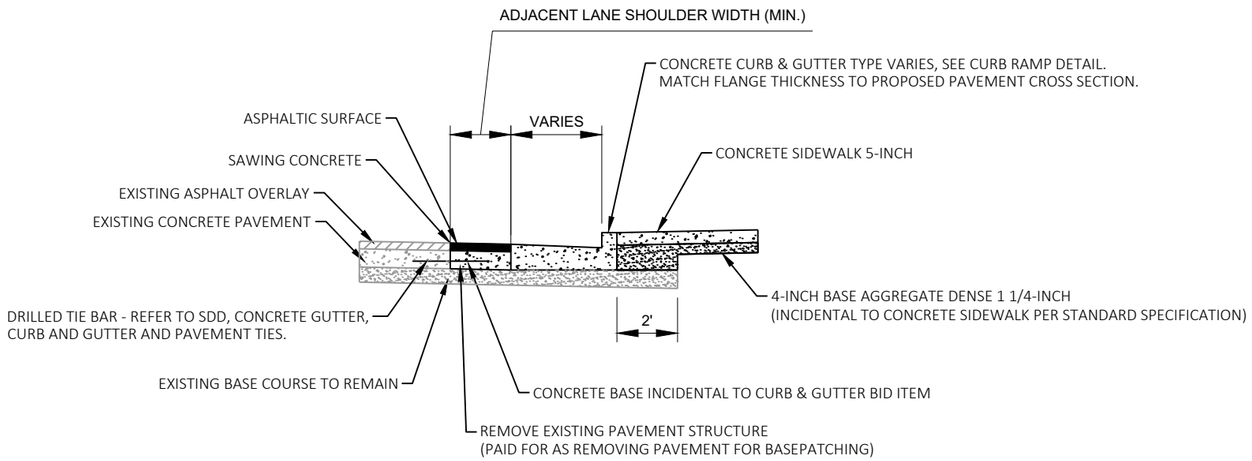
SECTION B-B



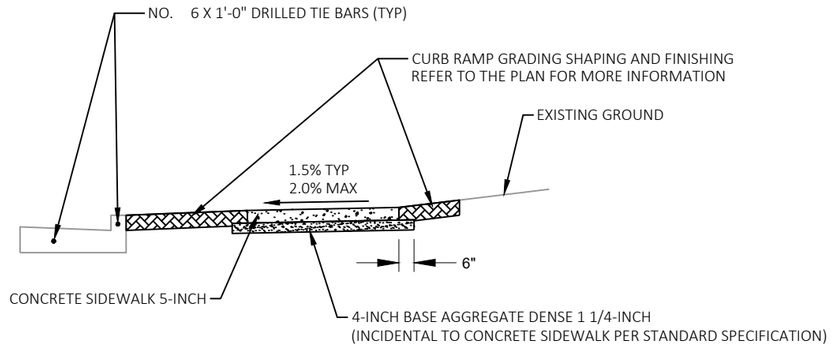
PLAN VIEW

NOTES:
1. SEE CURB RAMP DETAILS FOR CURB & GUTTER SIZE AND GUTTER PAN SLOPES.
2. INSTALL 2 DRILLED TIE BARS AT EACH CONNECTION TO EXISTING CURB & GUTTER.
3. SUPPLEMENT BASE AGGREGATE AFTER REMOVAL OF PAVEMENT AND CURB AND GUTTER AS NEEDED TO REACH PLAN GRADES. INCIDENTAL TO CURB AND GUTTER OR PAVEMENT BID ITEM(S).

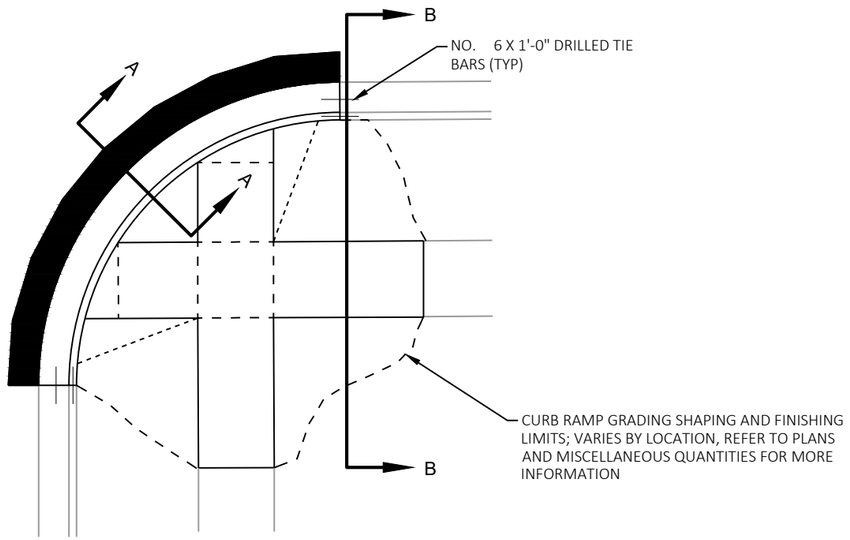
CURB RAMP REPLACEMENT
ADJACENT TO ASPHALT PAVEMENT



SECTION A-A



SECTION B-B

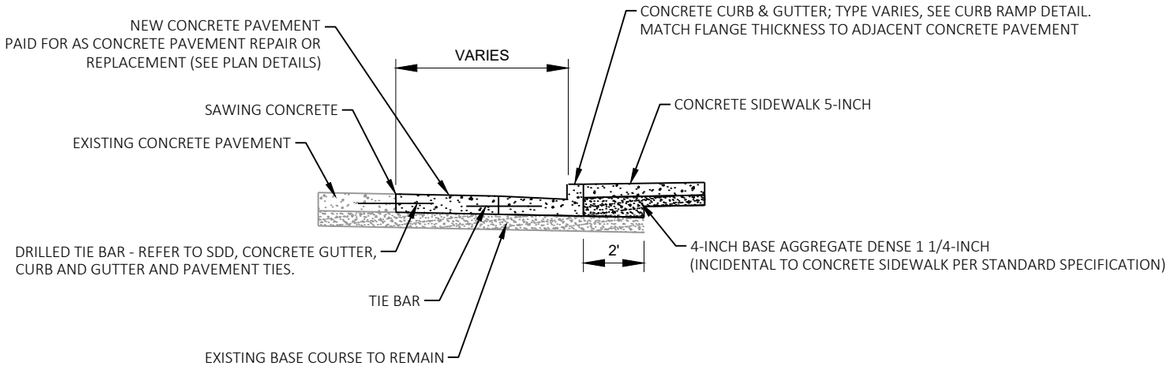


PLAN VIEW

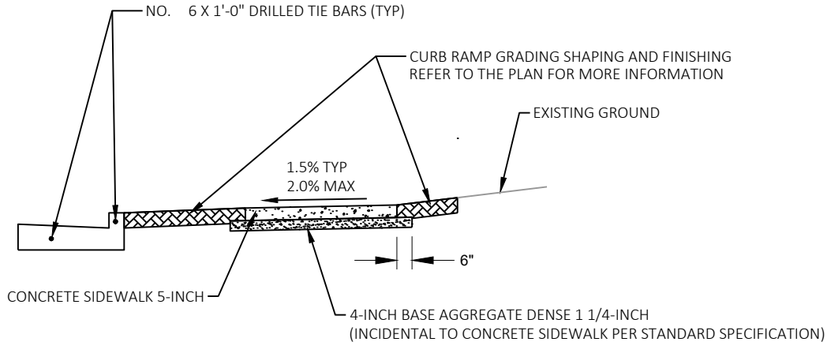
NOTES:
1. SEE CURB RAMP DETAILS FOR CURB & GUTTER SIZE AND GUTTER PAN SLOPES.
2. INSTALL 2 DRILLED TIE BARS AT EACH CONNECTION TO EXISTING CURB & GUTTER.
3. SUPPLEMENT BASE AGGREGATE AFTER REMOVAL OF PAVEMENT AND CURB AND GUTTER AS NEEDED TO REACH PLAN GRADES. INCIDENTAL TO CURB AND GUTTER OR PAVEMENT BID ITEM(S).

CURB RAMP REPLACEMENT

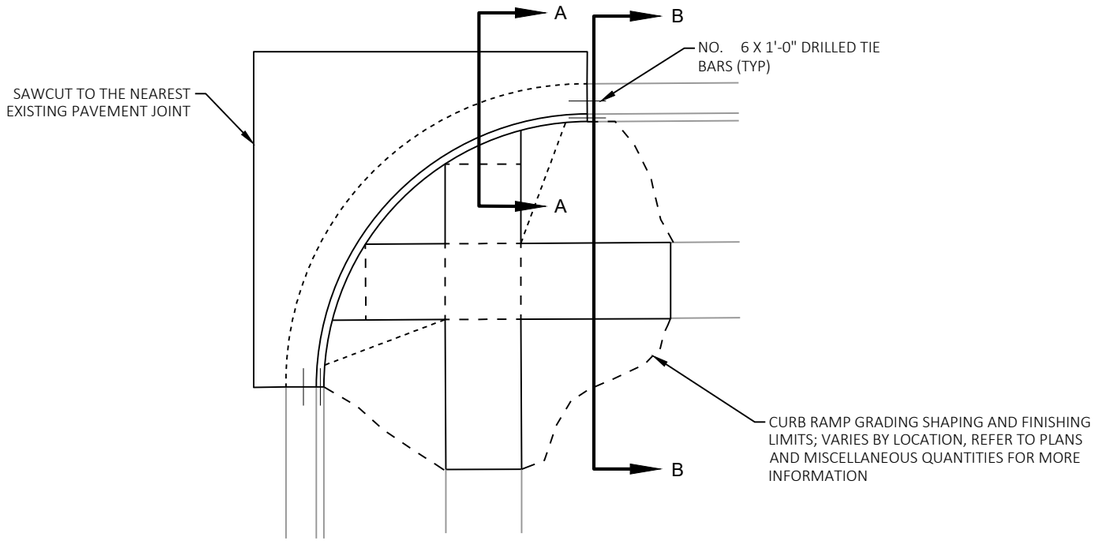
ADJACENT TO CONCRETE PAVEMENT WITH ASPHALT OVERLAY



SECTION A-A



SECTION B-B



PLAN VIEW

NOTES:
1. SEE CURB RAMP DETAILS FOR CURB & GUTTER SIZE AND GUTTER PAN SLOPES.
2. INSTALL 2 DRILLED TIE BARS AT EACH CONNECTION TO EXISTING CURB & GUTTER.
3. SUPPLEMENT BASE AGGREGATE AFTER REMOVAL OF PAVEMENT AND CURB AND GUTTER AS NEEDED TO REACH PLAN GRADES. INCIDENTAL TO CURB AND GUTTER OR PAVEMENT BID ITEM(S).

CURB RAMP REPLACEMENT
ADJACENT TO CONCRETE PAVEMENT

2

2

POST 1
+02.69
-0.66' LT

POST 5
+16
-3.29' LT

POST 12
+53.50
-6.59' LT

MGS THRIE BEAM TRANSITION
+40.56
-14.27' LT

GUARDRAIL MOW STRIP
EMULSIFIED ASPHALT

CUT OFF CURB HEAD
AROUND RADIUS
TO POST 12 BOTH SIDES

N

197+00

198+00

199+00

OAK CREEK

SIGN

MH

INL

POST

SIGN

STEEL THRIE BEAM
BULLNOSE TERMINAL

STH 38

POST 1
+02.99
9.16' RT

POST 5
+16
11.12' RT

POST 12
+53.50
12.09' RT

STEEL THRIE BEAM

MODIFIED MGS THRIE BEAM TRANSITION
+41.41
14.42' RT

MATCH LINE 199+50

MATCH LINE 199+50

N

MODIFIED MGS THRIE BEAM TRANSITION
+60.32
-13.80' LT

GUARDRAIL MOW STRIP
EMULSIFIED ASPHALT

POST 12
+35.50
-12.45' LT

POST 5
+73
-11.78' LT

POST 1
+86.17
-9.47' LT

CUT OFF CURB HEAD FROM
POST 12 TO CROSS WALK
BOTH SIDES. PROVIDE A 6' TAPER
TO FULL HEIGHT CURB AT CROSSING.

STEEL THRIE BEAM
BULLNOSE TERMINAL

200+00

201+00

202+00

INL

SIGN

MH

OAK CREEK

MH

RIPRAP

ASPH

POST 12
+35
6.74' RT

POST 5
+73
2.57' RT

POST 1
+86.20
0.36' RT

STEEL THRIE BEAM

MGS THRIE BEAM TRANSITION
+61.01
14.87' RT

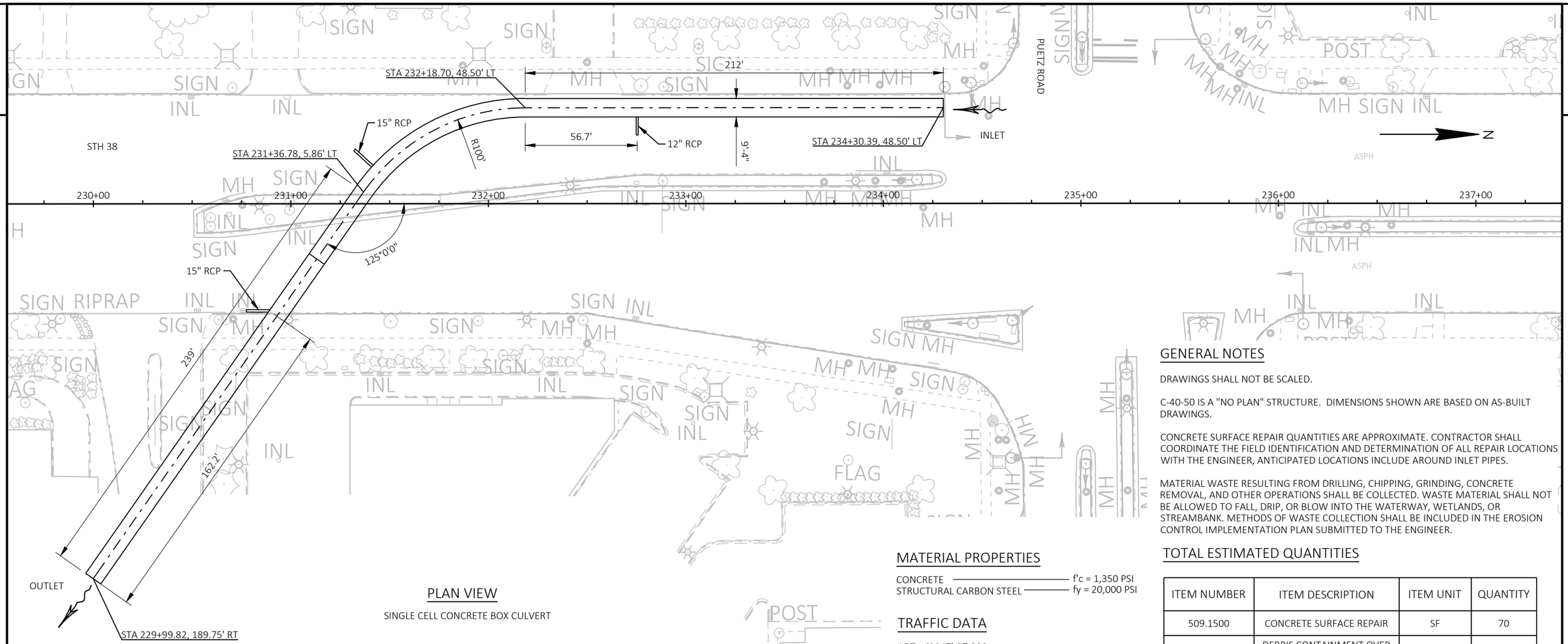
STH 38

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CONSTRUCTION DETAIL - BULLNOSE	SHEET 25	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021002-CD.DWG
LAYOUT NAME - 01

PLOT DATE : 7/29/2026 3:42 PM PLOT BY : JESSICA LEWIS, PE PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 44



PLAN VIEW

SINGLE CELL CONCRETE BOX CULVERT

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

C-40-50 IS A "NO PLAN" STRUCTURE. DIMENSIONS SHOWN ARE BASED ON AS-BUILT DRAWINGS.

CONCRETE SURFACE REPAIR QUANTITIES ARE APPROXIMATE. CONTRACTOR SHALL COORDINATE THE FIELD IDENTIFICATION AND DETERMINATION OF ALL REPAIR LOCATIONS WITH THE ENGINEER, ANTICIPATED LOCATIONS INCLUDE AROUND INLET PIPES.

MATERIAL WASTE RESULTING FROM DRILLING, CHIPPING, GRINDING, CONCRETE REMOVAL, AND OTHER OPERATIONS SHALL BE COLLECTED. WASTE MATERIAL SHALL NOT BE ALLOWED TO FALL, DRIP, OR BLOW INTO THE WATERWAY, WETLANDS, OR STREAMBANK. METHODS OF WASTE COLLECTION SHALL BE INCLUDED IN THE EROSION CONTROL IMPLEMENTATION PLAN SUBMITTED TO THE ENGINEER.

MATERIAL PROPERTIES

CONCRETE — f'c = 1,350 PSI
STRUCTURAL CARBON STEEL — fy = 20,000 PSI

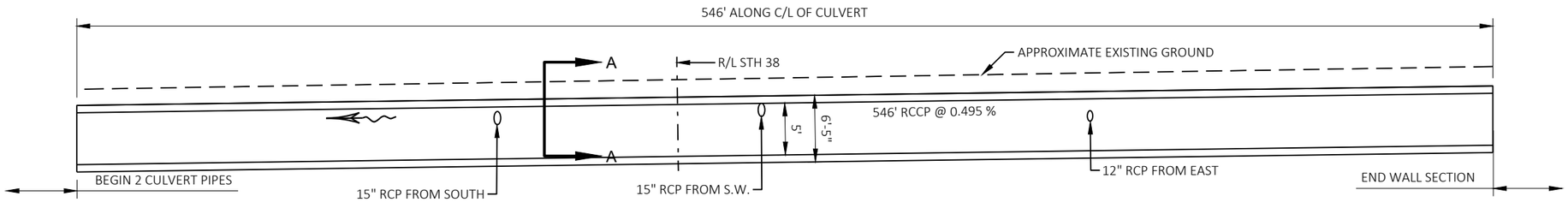
TRAFFIC DATA

ADT = (2047) 27,800
R.D.S. = 45 MPH

TOTAL ESTIMATED QUANTITIES

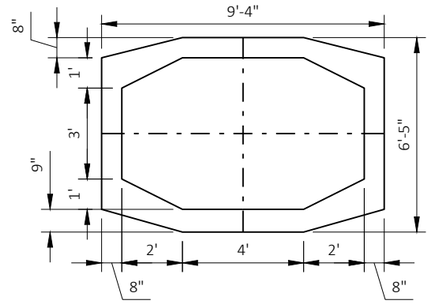
ITEM NUMBER	ITEM DESCRIPTION	ITEM UNIT	QUANTITY
509.1500	CONCRETE SURFACE REPAIR	SF	70
203.0335	DEBRIS CONTAINMENT OVER WATERWAY C-40-50	EACH	1

CATEGORY 0060



SECTION ALONG C/L OF STRUCTURE

LOOKING UP STATION



SECTION A-A

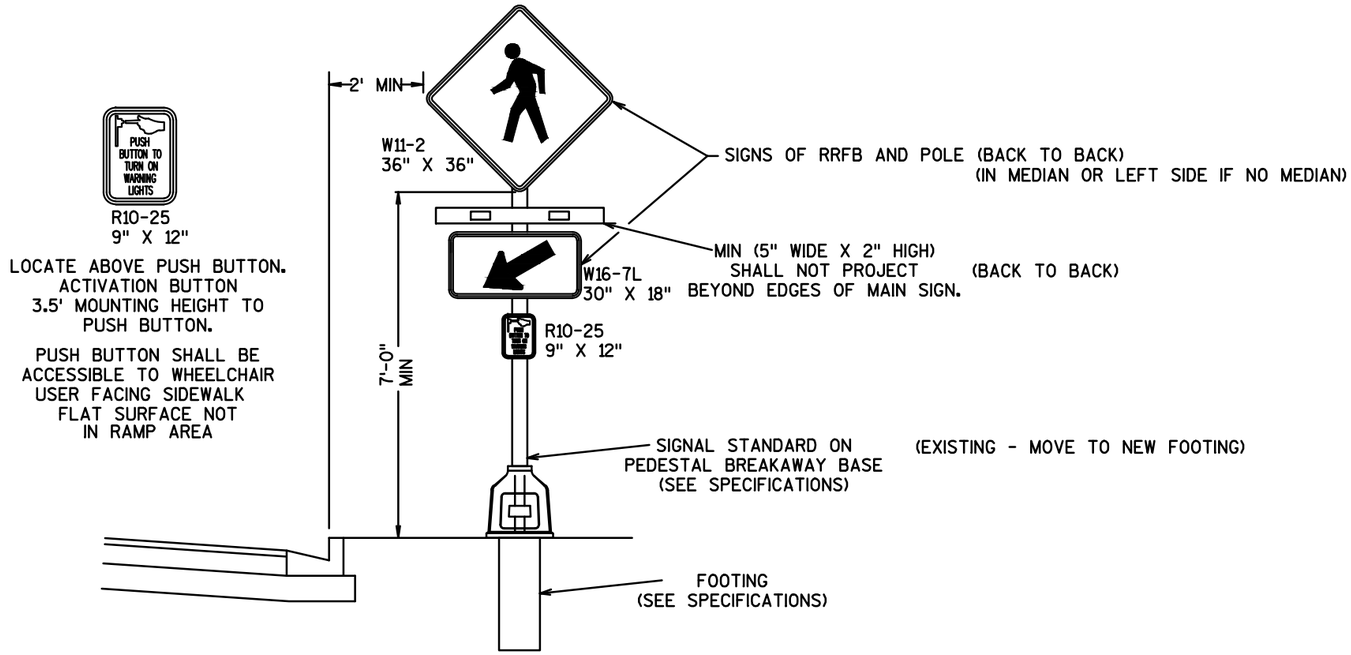
CONCRETE SURFACE REPAIR

C-40-50

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CONSTRUCTION DETAIL	SHEET 26	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021003-CD.DWG
LAYOUT NAME - 01
PLOT DATE : 7/21/2026 11:55 AM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 42

2



RAPID RECTANGULAR
FLASHING BEACON

PROJECT NO:2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PEDESTRIAN SIGNS FOR RRFB INSTALLATION	SHEET 27	E

FILE NAME : N:\PDS\C3D\CAD\20602000\SIGN\PED SIGN FOR RRFB INSTALL.DWG
LAYOUT NAME - PED SIGN FOR RRFB INSTALL - PLAN 1 IN 50 FT
PLOT DATE : 1/16/2026 8:07 AM PLOT BY : MARTENS, KAREN L PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

CONSTRUCTION LIMITS
134' LT

MED2

SW5

MEDB

+75.15
-105.87' LT

+58.75
-98.48' LT

+53.86
-63.36' LT

+60.71
-64.50' LT

+73.45
-70.33' LT

+99.36
-107.41' LT

+99.38
-62.93' LT

+76.09
-61.08' LT

R1'
R50'
R5'
R4'
R2'

HMA3
CG31
ADJ-MH
R/L STH 100
R/L STH 38
STH 100
STH 38
100+00
101+00
102+00
103+00
104+00
179+00
180+00
181+00
182+00
183+00
184+00
185+00

ADJ
+80.98
62.72' RT
+75.52
62.22' RT
INL-57
+24.63
80.33' RT
+77.66
83.29' RT
+19.07
95.50' RT
R24'
R39'

CONSTRUCTION LIMITS
136' RT

CONSTRUCTION LIMITS
133' RT

LEGEND

ADJ	ADJUSTING INLET COVERS
ADJ-MH	ADJUSTING MANHOLE COVERS
INL-V	INLET COVERS TYPE V
INL-X	INLET COVERS TYPE X
INL-57	INLET COVERS SPECIAL TYPE 57
CLEAN	CLEAN INLET
REPAIR	REPAIR INLET
MED2	CONCRETE MEDIAN SLOPED NOSE TYPE 2
MEDB	CONCRETE MEDIAN BLUNT NOSE
CG31	CURB & GUTTER 31-INCH
HMA3	3" HMA PAVEMENT
HMA3-S	3" HMA-S PAVEMENT
SW5	CONCRETE SIDEWALK 5"
	CONCRETE PAVEMENT REPAIR
	CONCRETE PAVEMENT REPLACEMENT
	INLET PROTECTION
A B C D	INLET PROTECTION TYPE
	SURFACE WATER FLOW

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	INTERSECTION DETAILS - STH 100	SHEET 28 E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021101-ID.DWG
LAYOUT NAME - 06-Ryan
PLOT DATE : 8/4/2026 8:19 AM
PLOT BY : JESSICA LEWIS, PE
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

LEGEND

- ADJ — ADJUSTING INLET COVERS
- ADJ-MH — ADJUSTING MANHOLE COVERS
- INL-V — INLET COVERS TYPE V
- INL-X — INLET COVERS TYPE X
- INL-57 — INLET COVERS SPECIAL TYPE 57
- CLEAN — CLEAN INLET
- REPAIR — REPAIR INLET
- MED2 — CONCRETE MEDIAN SLOPED NOSE TYPE 2
- MEDB — CONCRETE MEDIAN BLUNT NOSE
- CG31 — CURB & GUTTER 31-INCH
- HMA3 — 3" HMA PAVEMENT
- HMA3-S — 3" HMA-S PAVEMENT
- SW5 — CONCRETE SIDEWALK 5"
- CONCRETE PAVEMENT REPAIR
- CONCRETE PAVEMENT REPLACEMENT
- INLET PROTECTION
- A B C D — INLET PROTECTION TYPE
- SURFACE WATER FLOW

PUETZ RD

114+00

115+00

116+00

117+00

CONSTRUCTION LIMITS
89' LT

CONSTRUCTION LIMITS
136' LT

+34.12
-90.07' LT

+04.42
-106.35' LT

SW5

R34'

R51'

ADJ-MH

D

HMA3

BUS STOP SPLIT WALK
SEE CONSTRUCTION DETAILS

R/L PUETZ RD

R/L STH 38

STH 38

233+00

234+00

235+00

236+00

237+00

238+00

MED2

CURB RAMP IS ADA COMPLIANT

CLEAN

ADJ

R29'

+13.96
84.60' RT

CONSTRUCTION LIMITS
153' RT

CONSTRUCTION LIMITS
136' RT

WETLAND LIMITS

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	INTERSECTION DETAILS - PUETZ ROAD	SHEET 29	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021101-ID.DWG
LAYOUT NAME - 10-Puetz

PLOT DATE : 8/4/2026 8:19 AM PLOT BY : JESSICA LEWIS, PE PLOT NAME : PLOT SCALE : 1 IN:40 FT

LEGEND

ADJ	ADJUSTING INLET COVERS
ADJ-MH	ADJUSTING MANHOLE COVERS
INL-V	INLET COVERS TYPE V
INL-X	INLET COVERS TYPE X
INL-57	INLET COVERS SPECIAL TYPE 57
CLEAN	CLEAN INLET
REPAIR	REPAIR INLET
MED2	CONCRETE MEDIAN SLOPED NOSE TYPE 2
MEDB	CONCRETE MEDIAN BLUNT NOSE
CG31	CURB & GUTTER 31-INCH
HMA3	3" HMA PAVEMENT
HMA3-S	3" HMA-S PAVEMENT
SW5	CONCRETE SIDEWALK 5"
	CONCRETE PAVEMENT REPAIR
	CONCRETE PAVEMENT REPLACEMENT
	INLET PROTECTION
A B C D	INLET PROTECTION TYPE
	SURFACE WATER FLOW

CONSTRUCTION LIMITS 152' LT

CONSTRUCTION LIMITS 151' LT

DREXEL AVE

CG31

SW5

CG31

+09.76 -90.97' LT

CURB RAMP IS ADA COMPLIANT

R35'

D

ADJ

ADJ-MH

HMA3

SW5

D

D

CG31

+87.34 -119.38' LT

115+00

R36'

D

D

CURB RAMP IS ADA COMPLIANT

R/L DREXEL AVE

HMA3

116+00

R/L STH 38

285+00

286+00

287+00

288+00

289+00

290+00

SW5

CG31

HMA3

ADJ

D

R42'

R38'

INL SIGN

INL

117+00

R43'

+93.53 94.59' RT

+96.07 99.09' RT

+11.74 97.69' RT

SW5

CG31

CG31

CONSTRUCTION LIMITS 135' RT

DREXEL AVE

CONSTRUCTION LIMITS 155' RT

118+00

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	INTERSECTION DETAILS - DREXEL AVENUE	SHEET 30	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021101-ID.DWG
LAYOUT NAME - 15-Drexel

PLOT DATE : 8/4/2026 8:20 AM PLOT BY : JESSICA LEWIS, PE PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

ADJ — ADJUSTING INLET COVERS	MEDB — CONCRETE MEDIAN BLUNT NOSE
ADJ-MH — ADJUSTING MANHOLE COVERS	CG31 — CURB & GUTTER 31-INCH
INL-V — INLET COVERS TYPE V	HMA3 — 3" HMA PAVEMENT
INL-X — INLET COVERS TYPE X	HMA3-S — 3" HMA-S PAVEMENT
INL-57 — INLET COVERS SPECIAL TYPE 57	SW5 — CONCRETE SIDEWALK 5"
CLEAN — CLEAN INLET	CONCRETE PAVEMENT REPAIR
REPAIR — REPAIR INLET	CONCRETE PAVEMENT REPLACEMENT
MED2 — CONCRETE MEDIAN SLOPED NOSE TYPE 2	INLET PROTECTION
	A B C D — INLET PROTECTION TYPE
	SURFACE WATER FLOW

N

STH 38

RAWSON AVE

CONSTRUCTION LIMITS 201' LT

CONSTRUCTION LIMITS 334' LT

CONSTRUCTION LIMITS 179' RT

CONSTRUCTION LIMITS 181' RT

R/L RAWSON AVE

R/L STH 38

+44.98 -74.18' LT

+45.22 -64.09' LT

+04.92 92.68' RT

+34.06 65.65' RT

+34.44 72.53' RT

R4'

R5'

R32'

113+00 114+00 115+00 116+00 117+00 118+00 119+00

341+00 342+00 343+00

340+00

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	INTERSECTION DETAILS - RAWSON AVENUE	SHEET 31	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021101-ID.DWG
LAYOUT NAME - 19-Rawson

PLOT DATE : 8/4/2026 8:20 AM PLOT BY : JESSICA LEWIS, PE PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND

- ADJ — ADJUSTING INLET COVERS
- ADJ-MH — ADJUSTING MANHOLE COVERS
- INL-V — INLET COVERS TYPE V
- INL-X — INLET COVERS TYPE X
- INL-57 — INLET COVERS SPECIAL TYPE 57
- CLEAN — CLEAN INLET
- REPAIR — REPAIR INLET
- MED2 — CONCRETE MEDIAN SLOPED NOSE TYPE 2
- MEDB — CONCRETE MEDIAN BLUNT NOSE
- CG31 — CURB & GUTTER 31-INCH
- HMA3 — 3" HMA PAVEMENT
- HMA3-S — 3" HMA-S PAVEMENT
- SW5 — CONCRETE SIDEWALK 5"
- CONCRETE PAVEMENT REPAIR
- CONCRETE PAVEMENT REPLACEMENT
- INLET PROTECTION
- A B C D — INLET PROTECTION TYPE
- SURFACE WATER FLOW

CONSTRUCTION LIMITS
203' LT

CONSTRUCTION LIMITS
163' LT

CURB RAMP IS ADA COMPLIANT

BUS STOP SPLIT WALK
SEE CONSTRUCTION DETAILS

STH 38

R/L COLLEGE AVE

R/L STH 38

COLLEGE AVE

CONSTRUCTION LIMITS
124' RT

+97.36
-85.38' LT

+40.30
-61.49' LT

+89.95
-66.92' LT

+97.60
-64.59' LT

+09.09
-61.11' LT

+16.59
-58.83' LT

+76.87
-52.03' LT

+41.50
-52.12' LT

+15.98
85.51' RT

+83.05
87.63' RT

R37'

R5'

R4'

391+00 392+00 393+00 394+00 395+00 396+00 397+

116+00

118+00

119+00

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	INTERSECTION DETAILS - COLLEGE AVENUE	SHEET 32	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021101-ID.DWG
LAYOUT NAME - 22-College
PLOT DATE : 8/4/2026 8:20 AM
PLOT BY : JESSICA LEWIS, PE
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

LEGEND

- ADJ — ADJUSTING INLET COVERS
- REMOVING CURB
- REMOVING CURB & GUTTER
- REMOVING BUTT JOINTS
- REMOVING ASPHALT SURFACE MILLING
- REMOVING CONCRETE SIDEWALK
- CONCRETE PAVEMENT REPAIR
- CONCRETE PAVEMENT REPLACEMENT
- REMOVING ASPHALTIC SURFACE & REPLACE WITH 4" ASPHALTIC SURFACE
- REMOVING PAVEMENT FOR BASE PATCHING & BASE PATCHING CONCRETE HES
- XXXXXX SAWING ASPHALT
- YYYYYY SAWING CONCRETE

NOTE: SEE CURB RAMP REPLACEMENT DETAILS FOR ADDITIONAL INFORMATION REGARDING REMOVALS ADJACENT TO CURB AND GUTTER.

BEGIN PROJECT
STA 122+81.34

STH 38

120+00 121+00 122+00 123+00 124+00 125+00 126+00 127+00

GOLF COURSE

FLAG

POST

MATCH LINE 127+25

MATCH LINE 127+25

OAKWOOD RD

ADJ

ADJ

SEC SE 29-5-22
WISDOT PID 522135
Y = 233581.681
X = 604944.932

WETLAND LIMITS

STH 38

128+00 129+00 130+00 131+00 132+00 133+00 134+00

MATCH LINE 134+50

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	REMOVAL PLANS	SHEET 33	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021101-RM.DWG
LAYOUT NAME - 01
PLOT DATE : 4/28/2026 3:27 PM
PLOT BY : JESSICA LEWIS, PE
PLOT NAME :
PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 44

2

MATCH LINE 134+50

STH 38

135+00 136+00 137+00 138+00 139+00 140+00 141+00

MATCH LINE 141+75

LEGEND

- ADJ — ADJUSTING INLET COVERS
- REMOVING CURB
- REMOVING CURB & GUTTER
- REMOVING BUTT JOINTS
- REMOVING ASPHALT SURFACE MILLING
- REMOVING CONCRETE SIDEWALK
- CONCRETE PAVEMENT REPAIR
- CONCRETE PAVEMENT REPLACEMENT
- REMOVING ASPHALTIC SURFACE & REPLACE WITH 4" ASPHALTIC SURFACE
- REMOVING PAVEMENT FOR BASE PATCHING & BASE PATCHING CONCRETE HES
- XXXXXX SAWING ASPHALT
- YYYYYY SAWING CONCRETE

NOTE: SEE CURB RAMP REPLACEMENT DETAILS FOR ADDITIONAL INFORMATION REGARDING REMOVALS ADJACENT TO CURB AND GUTTER.

WETLAND LIMITS

MATCH LINE 141+75

STH 38

142+00 143+00 144+00 145+00 146+00 147+00 148+00 149

LISA DR

FLAG

MATCH LINE 149+00

2

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	REMOVAL PLANS	SHEET 34	E

2

MATCH LINE 149+00

STH 38

150+00 151+00 152+00 153+00 154+00 155+00 156+00

SEC E 29-5-22
WISDOT PID 522122
Y = 236228.904
X = 605010.823

FITZSIMMONS RD

MATCH LINE 156+25

2

LEGEND

- ADJ — ADJUSTING INLET COVERS
- REMOVING CURB
- REMOVING CURB & GUTTER
- REMOVING BUTT JOINTS
- REMOVING ASPHALT SURFACE MILLING
- REMOVING CONCRETE SIDEWALK
- CONCRETE PAVEMENT REPAIR
- CONCRETE PAVEMENT REPLACEMENT
- REMOVING ASPHALTIC SURFACE & REPLACE WITH 4" ASPHALTIC SURFACE
- REMOVING PAVEMENT FOR BASE PATCHING & BASE PATCHING CONCRETE HES
- XXXXXX — SAWING ASPHALT
- YYYYYY — SAWING CONCRETE

NOTE: SEE CURB RAMP REPLACEMENT DETAILS FOR ADDITIONAL INFORMATION REGARDING REMOVALS ADJACENT TO CURB AND GUTTER.

CONSTRUCTION LIMITS
85' LT

SUMMERHILL PL

CONSTRUCTION LIMITS
85' LT

MATCH LINE 156+25

STH 38

157+00 158+00 159+00 160+00 161+00 162+00 163+00

ESTATES PL

MATCH LINE 163+50

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	REMOVAL PLANS	SHEET 35	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021101-RM.DWG
LAYOUT NAME - 03

PLOT DATE : 4/28/2026 3:27 PM PLOT BY : JESSICA LEWIS, PE PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 44

2

MATCH LINE 163+50

MATCH LINE 170+75

STH 38

164+00 165+00 166+00 167+00 168+00 169+00 170+00

MATCH LINE 170+75

FAIRFIELD DR

XXXXXX

ADJ

STH 38

STA 176+00

171+00 172+00 173+00 174+00 175+00 176+00 177+00 178

MATCH LINE 178+00

FAIRFIELD DR

CONSTRUCTION LIMITS
86' RT

WETLAND LIMITS

N

LEGEND

- ADJ — ADJUSTING INLET COVERS
- REMOVING CURB
- REMOVING CURB & GUTTER
- REMOVING BUTT JOINTS
- REMOVING ASPHALT SURFACE MILLING
- REMOVING CONCRETE SIDEWALK
- CONCRETE PAVEMENT REPAIR
- CONCRETE PAVEMENT REPLACEMENT
- REMOVING ASPHALTIC SURFACE & REPLACE WITH 4" ASPHALTIC SURFACE
- REMOVING PAVEMENT FOR BASE PATCHING & BASE PATCHING CONCRETE HES
- XXXXXX SAWING ASPHALT
- YYYYYY SAWING CONCRETE

NOTE: SEE CURB RAMP REPLACEMENT DETAILS FOR ADDITIONAL INFORMATION REGARDING REMOVALS ADJACENT TO CURB AND GUTTER.

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	REMOVAL PLANS	SHEET 36	E

2

MATCH LINE 178+00

MATCH LINE 185+25

STH 38

STH 100

SEE REMOVAL SHEETS - SIDE ROAD

178+00 179+00 180+00 181+00 182+00 183+00 184+00 185+00

101+00 102+00 103+00

SEC SE 20-5-22
WISDOT PID 522109
Y = 238865.747
X = 605081.164

WETLAND LIMITS

MATCH LINE 185+25

186+00 187+00 188+00 189+00 190+00 191+00 192+00

MATCH LINE 192+50

ADJ

LEGEND

- ADJ — ADJUSTING INLET COVERS
- REMOVING CURB
- REMOVING CURB & GUTTER
- REMOVING BUTT JOINTS
- REMOVING ASPHALT SURFACE MILLING
- REMOVING CONCRETE SIDEWALK
- CONCRETE PAVEMENT REPAIR
- CONCRETE PAVEMENT REPLACEMENT
- REMOVING ASPHALTIC SURFACE & REPLACE WITH 4" ASPHALTIC SURFACE
- REMOVING PAVEMENT FOR BASE PATCHING & BASE PATCHING CONCRETE HES
- XXXXXX SAWING ASPHALT
- YYYYYY SAWING CONCRETE

NOTE: SEE CURB RAMP REPLACEMENT DETAILS FOR ADDITIONAL INFORMATION REGARDING REMOVALS ADJACENT TO CURB AND GUTTER.

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	REMOVAL PLANS	SHEET 37	E

LEGEND

- ADJ — ADJUSTING INLET COVERS
- REMOVING CURB
- REMOVING CURB & GUTTER
- REMOVING BUTT JOINTS
- REMOVING ASPHALT SURFACE MILLING
- REMOVING CONCRETE SIDEWALK
- CONCRETE PAVEMENT REPAIR
- CONCRETE PAVEMENT REPLACEMENT
- REMOVING ASPHALTIC SURFACE & REPLACE WITH 4" ASPHALTIC SURFACE
- REMOVING PAVEMENT FOR BASE PATCHING & BASE PATCHING CONCRETE HES
- XXXXXX SAWING ASPHALT
- YYYYYY SAWING CONCRETE

NOTE: SEE CURB RAMP REPLACEMENT DETAILS FOR ADDITIONAL INFORMATION REGARDING REMOVALS ADJACENT TO CURB AND GUTTER.

MATCH LINE 192+50

193+00 194+00 195+00 196+00 197+00 198+00 199+00

SEE STRUCTURE B-40-0294 PLANS

OAK CREEK

SAWING CURB HEAD

REMOVING INLETS

REMOVE GUARDRAIL

EXISTING GUARDRAIL TO REMAIN

CONSTRUCTION LIMITS 81' RT

OAK CREEK PKWY

MATCH LINE 199+75

EXISTING GUARDRAIL TO REMAIN

REMOVE GUARDRAIL

CONSTRUCTION LIMITS 75' LT

OAK LEAF DR

MATCH LINE 199+75

200+00 201+00 202+00 203+00 204+00 205+00 206+00 207

STH 38

SAWING CURB HEAD

SEE STRUCTURE B-40-0295 PLANS

FLAG

MATCH LINE 207+00

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	REMOVAL PLANS	SHEET 38	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021101-RM.DWG
LAYOUT NAME - 06
PLOT DATE : 4/28/2026 3:29 PM
PLOT BY : JESSICA LEWIS, PE
PLOT NAME :
PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 44

2

MATCH LINE 207+00

ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES

R35

R28

REMOVING INLETS

REMOVING INLETS

REMOVING INLETS

STH 38

208+00 209+00 210+00 211+00 212+00 213+00 214+00

SEC E 20-5-22
WISDOT PID 522096
Y = 241514.998
X = 605161.408

MATCH LINE 214+25

WETLAND LIMITS

LEGEND

- ADJ — ADJUSTING INLET COVERS
- REMOVING CURB
- REMOVING CURB & GUTTER
- REMOVING BUTT JOINTS
- REMOVING ASPHALT SURFACE MILLING
- REMOVING CONCRETE SIDEWALK
- CONCRETE PAVEMENT REPAIR
- CONCRETE PAVEMENT REPLACEMENT
- REMOVING ASPHALTIC SURFACE & REPLACE WITH 4" ASPHALTIC SURFACE
- REMOVING PAVEMENT FOR BASE PATCHING & BASE PATCHING CONCRETE HES
- SAWING ASPHALT
- SAWING CONCRETE

NOTE: SEE CURB RAMP REPLACEMENT DETAILS FOR ADDITIONAL INFORMATION REGARDING REMOVALS ADJACENT TO CURB AND GUTTER.

STH 38

215+00 216+00 217+00 218+00 219+00 220+00 221+00

WETLAND LIMITS

MATCH LINE 221+50

2

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	REMOVAL PLANS	SHEET 39	E

2

MATCH LINE 221+50

MATCHLINE

CENTENNIAL DR

XXXXXXXX

CENTENNIAL DR

XXX XXX

CONSTRUCTION LIMITS 138' LT

MATCHLINE

RIPRAP

RIPRAP

REMOVING INLETS

YYYY

STH 38

222+00

223+00

224+00

225+00

226+00

227+00

228+00

REMOVING INLETS

MATCH LINE 228+75

REMOVING INLETS

CENTENNIAL DR

XXXX

XXXX

XXXXXXXXX

REMOVING INLETS

REMOVING INLETS

REMOVING INLETS

MATCH LINE 228+75

STH 38

229+00

230+00

231+00

232+00

233+00

234+00

235+00

SEC SE 17-5-22
WISDOT PID 522083
Y = 244161.043
X = 605244.084

REMOVING INLETS

REMOVING INLETS

CONSTRUCTION LIMITS 89' LT

PUETZ RD

115+00

116+00

SEE REMOVAL SHEETS - SIDE ROAD

MATCH LINE 236+00

LEGEND

- ADJ — ADJUSTING INLET COVERS
- REMOVING CURB
- REMOVING CURB & GUTTER
- REMOVING BUTT JOINTS
- REMOVING ASPHALT SURFACE MILLING
- REMOVING CONCRETE SIDEWALK
- CONCRETE PAVEMENT REPAIR
- CONCRETE PAVEMENT REPLACEMENT
- REMOVING ASPHALTIC SURFACE & REPLACE WITH 4" ASPHALTIC SURFACE
- REMOVING PAVEMENT FOR BASE PATCHING & BASE PATCHING CONCRETE HES
- XXXXXX SAWING ASPHALT
- YYYYYY SAWING CONCRETE

NOTE: SEE CURB RAMP REPLACEMENT DETAILS FOR ADDITIONAL INFORMATION REGARDING REMOVALS ADJACENT TO CURB AND GUTTER.

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	REMOVAL PLANS	SHEET 40	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021101-RM.DWG
LAYOUT NAME - 08
PLOT DATE : 4/28/2026 3:28 PM
PLOT BY : JESSICA LEWIS, PE
PLOT NAME :
PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 44

2

LEGEND

- ADJ — ADJUSTING INLET COVERS
- REMOVING CURB
- REMOVING CURB & GUTTER
- REMOVING BUTT JOINTS
- REMOVING ASPHALT SURFACE MILLING
- REMOVING CONCRETE SIDEWALK
- CONCRETE PAVEMENT REPAIR
- CONCRETE PAVEMENT REPLACEMENT
- REMOVING ASPHALTIC SURFACE & REPLACE WITH 4" ASPHALTIC SURFACE
- REMOVING PAVEMENT FOR BASE PATCHING & BASE PATCHING CONCRETE HES
- SAWING ASPHALT
- SAWING CONCRETE

NOTE: SEE CURB RAMP REPLACEMENT DETAILS FOR ADDITIONAL INFORMATION REGARDING REMOVALS ADJACENT TO CURB AND GUTTER.

MATCH LINE 236+00

CONSTRUCTION LIMITS 88' LT

CONSTRUCTION LIMITS 80' RT

STH 38

237+00 238+00 239+00 240+00 241+00 242+00 243+00

MATCH LINE 243+25

MATCH LINE 243+25

CONSTRUCTION LIMITS 81' LT

ADJ

STH 38

244+00 245+00 246+00 247+00 248+00 249+00 250+00

CONSTRUCTION LIMITS 83' RT

GROVELAND DR

MATCH LINE 250+50

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	REMOVAL PLANS	SHEET 41	E

2

MATCH LINE 250+50

LEGEND

- ADJ — ADJUSTING INLET COVERS
- REMOVING CURB
- REMOVING CURB & GUTTER
- REMOVING BUTT JOINTS
- REMOVING ASPHALT SURFACE MILLING
- REMOVING CONCRETE SIDEWALK
- CONCRETE PAVEMENT REPAIR
- CONCRETE PAVEMENT REPLACEMENT
- REMOVING ASPHALTIC SURFACE & REPLACE WITH 4" ASPHALTIC SURFACE
- REMOVING PAVEMENT FOR BASE PATCHING & BASE PATCHING CONCRETE HES
- XXXXXX — SAWING ASPHALT
- YYYYYY — SAWING CONCRETE

NOTE: SEE CURB RAMP REPLACEMENT DETAILS FOR ADDITIONAL INFORMATION REGARDING REMOVALS ADJACENT TO CURB AND GUTTER.

STH 38

251+00 252+00 253+00 254+00 255+00 256+00 257+00

REMOVING INLETS

REMOVING INLETS

REMOVING INLETS

MATCH LINE 257+75

2

MATCH LINE 257+75

136' LT

FOREST HILL AVE

STH 38

SEC E 17-5-22
WISDOT PID 522070
Y = 246803.987
X = 605328.004

258+00 259+00 260+00 261+00 262+00 263+00 264+00 265

FOREST HILL AVE

89' RT

MATCHLINE

MATCHLINE

CONSTRUCTION LIMITS
119' RT

REMOVING INLETS

MATCH LINE 265+00

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	REMOVAL PLANS	SHEET 42	E

2

MATCH LINE 265+00

OAKFIELD DR

STH 38

266+00 267+00 268+00 269+00 270+00 271+00 272+00

CONSTRUCTION LIMITS
88' RT

CONSTRUCTION LIMITS
147' LT

TOWN SQUARE WAY

CONSTRUCTION LIMITS
139' LT

MATCH LINE 272+25

STH 38

273+00 274+00 275+00 276+00 277+00 278+00 279+00

ADJ

SUSAN DR

MATCHLINE

94' RT

CONSTRUCTION LIMITS
118' RT

MATCH LINE 279+50

2

LEGEND

- ADJ — ADJUSTING INLET COVERS
- REMOVING CURB
- REMOVING CURB & GUTTER
- REMOVING BUTT JOINTS
- REMOVING ASPHALT SURFACE MILLING
- REMOVING CONCRETE SIDEWALK
- CONCRETE PAVEMENT REPAIR
- CONCRETE PAVEMENT REPLACEMENT
- REMOVING ASPHALTIC SURFACE & REPLACE WITH 4" ASPHALTIC SURFACE
- REMOVING PAVEMENT FOR BASE PATCHING & BASE PATCHING CONCRETE HES
- XXXXXX SAWING ASPHALT
- YYYYYY SAWING CONCRETE

NOTE: SEE CURB RAMP REPLACEMENT DETAILS FOR ADDITIONAL INFORMATION REGARDING REMOVALS ADJACENT TO CURB AND GUTTER.

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	REMOVAL PLANS	SHEET 43	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021101-RM.DWG
LAYOUT NAME - 11

PLOT DATE : 4/28/2026 3:31 PM PLOT BY : JESSICA LEWIS, PE PLOT NAME : PLOT SCALE : 1 IN:50 FT

2

MATCH LINE 279+50

STH 38

280+00 281+00 282+00 283+00 284+00 285+00 286+00

MATCH LINE 286+75

LEGEND

- ADJ — ADJUSTING INLET COVERS
- REMOVING CURB
- REMOVING CURB & GUTTER
- REMOVING BUTT JOINTS
- REMOVING ASPHALT SURFACE MILLING
- REMOVING CONCRETE SIDEWALK
- CONCRETE PAVEMENT REPAIR
- CONCRETE PAVEMENT REPLACEMENT
- REMOVING ASPHALTIC SURFACE & REPLACE WITH 4" ASPHALTIC SURFACE
- REMOVING PAVEMENT FOR BASE PATCHING & BASE PATCHING CONCRETE HES
- XXXXXX SAWING ASPHALT
- YYYYYY SAWING CONCRETE

NOTE: SEE CURB RAMP REPLACEMENT DETAILS FOR ADDITIONAL INFORMATION REGARDING REMOVALS ADJACENT TO CURB AND GUTTER.

MATCH LINE 286+75

SEC SE 8-5-22
WISDOT PID 522057
Y = 249447.192
X = 605420.462

15+00 116+00 117+00

SEE REMOVAL SHEETS - SIDE ROAD

DREXEL AVE

STH 38

CONSTRUCTION LIMITS
91' LT

288+00 289+00 290+00 291+00 292+00 293+00 294

MATCH LINE 294+00

2

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	REMOVAL PLANS	SHEET 44	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021101-RM.DWG
LAYOUT NAME - 12
PLOT DATE : 4/28/2026 3:31 PM
PLOT BY : JESSICA LEWIS, PE
PLOT NAME :
PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 44

2

MATCH LINE 294+00

TENNIS COURT

WALLS

STH 38

295+00 296+00 297+00 298+00 299+00 300+00 301+00

REMOVING INLETS

REMOVING INLETS

FIELDSTONE CIR

CEMETERY

MATCH LINE 301+25

MATCH LINE 301+25

STH 38

302+00 303+00 304+00 305+00 306+00 307+00 308+00

WALLS

CONSTRUCTION LIMITS
84' RT

MANITOBA AVE

MATCH LINE 308+50

2

LEGEND

- ADJ — ADJUSTING INLET COVERS
- REMOVING CURB
- REMOVING CURB & GUTTER
- REMOVING BUTT JOINTS
- REMOVING ASPHALT SURFACE MILLING
- REMOVING CONCRETE SIDEWALK
- CONCRETE PAVEMENT REPAIR
- CONCRETE PAVEMENT REPLACEMENT
- REMOVING ASPHALTIC SURFACE & REPLACE WITH 4" ASPHALTIC SURFACE
- REMOVING PAVEMENT FOR BASE PATCHING & BASE PATCHING CONCRETE HES
- XXXXXX SAWING ASPHALT
- YYYYYY SAWING CONCRETE

NOTE: SEE CURB RAMP REPLACEMENT DETAILS FOR ADDITIONAL INFORMATION REGARDING REMOVALS ADJACENT TO CURB AND GUTTER.

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	REMOVAL PLANS	SHEET 45	E

2

MATCH LINE 308+50

REMOVING INLETS

REMOVING INLETS

REMOVING INLETS

STH 38

SEC E 8-5-22
WISDOT PID 522044
Y = 252090.587
X = 605515.648

309+00 310+00 311+00 312+00 313+00 314+00 315+00

MATCH LINE 315+75

N

LEGEND

- ADJ — ADJUSTING INLET COVERS
- REMOVING CURB
- REMOVING CURB & GUTTER
- REMOVING BUTT JOINTS
- REMOVING ASPHALT SURFACE MILLING
- REMOVING CONCRETE SIDEWALK
- CONCRETE PAVEMENT REPAIR
- CONCRETE PAVEMENT REPLACEMENT
- REMOVING ASPHALTIC SURFACE & REPLACE WITH 4" ASPHALTIC SURFACE
- REMOVING PAVEMENT FOR BASE PATCHING & BASE PATCHING CONCRETE HES
- SAWING ASPHALT
- SAWING CONCRETE

NOTE: SEE CURB RAMP REPLACEMENT DETAILS FOR ADDITIONAL INFORMATION REGARDING REMOVALS ADJACENT TO CURB AND GUTTER.

MATCH LINE 315+75

MARQUETTE AVE

CONSTRUCTION LIMITS
94' LT

ADJ

STH 38

316+00 317+00 318+00 319+00 320+00 321+00 322+00 323

CONSTRUCTION LIMITS
112' RT

MAHN CT

CONSTRUCTION LIMITS
99' RT

MATCH LINE 323+00

N

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	REMOVAL PLANS	SHEET 46	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021101-RM.DWG
LAYOUT NAME - 14
PLOT DATE : 4/28/2026 3:31 PM PLOT BY : JESSICA LEWIS, PE PLOT NAME : PLOT SCALE : 1 IN:50 FT

2

MATCH LINE 323+00

STH 38

324+00 325+00 326+00 327+00 328+00 329+00 330+00

MATCH LINE 330+25

LEGEND

- ADJ — ADJUSTING INLET COVERS
- REMOVING CURB
- REMOVING CURB & GUTTER
- REMOVING BUTT JOINTS
- REMOVING ASPHALT SURFACE MILLING
- REMOVING CONCRETE SIDEWALK
- CONCRETE PAVEMENT REPAIR
- CONCRETE PAVEMENT REPLACEMENT
- REMOVING ASPHALTIC SURFACE & REPLACE WITH 4" ASPHALTIC SURFACE
- REMOVING PAVEMENT FOR BASE PATCHING & BASE PATCHING CONCRETE HES
- XXXXXX SAWING ASPHALT
- YYYYYY SAWING CONCRETE

NOTE: SEE CURB RAMP REPLACEMENT DETAILS FOR ADDITIONAL INFORMATION REGARDING REMOVALS ADJACENT TO CURB AND GUTTER.

MATCH LINE 330+25

STH 38

331+00 332+00 333+00 334+00 335+00 336+00 337+00

MATCH LINE 337+50

REMOVING INLETS

REMOVING INLETS

2

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	REMOVAL PLANS	SHEET 47	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021101-RM.DWG
LAYOUT NAME - 15
PLOT DATE : 4/28/2026 3:31 PM PLOT BY : JESSICA LEWIS, PE PLOT NAME : PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 44

2

MATCH LINE 337+50

338+00 339+00 340+00 341+00

SEC SE 5-5-22
WISDOT PID 522031
Y = 254732.711
X = 605605.773

SEE REMOVAL SHEETS - SIDE ROAD

116+00

117+00

STH 38

342+00 343+00 344+00

MATCH LINE 344+75

2

LEGEND

- ADJ — ADJUSTING INLET COVERS
- REMOVING CURB
- REMOVING CURB & GUTTER
- REMOVING BUTT JOINTS
- REMOVING ASPHALT SURFACE MILLING
- REMOVING CONCRETE SIDEWALK
- CONCRETE PAVEMENT REPAIR
- CONCRETE PAVEMENT REPLACEMENT
- REMOVING ASPHALTIC SURFACE & REPLACE WITH 4" ASPHALTIC SURFACE
- REMOVING PAVEMENT FOR BASE PATCHING & BASE PATCHING CONCRETE HES
- XXXXXX SAWING ASPHALT
- YYYYYY SAWING CONCRETE

NOTE: SEE CURB RAMP REPLACEMENT DETAILS FOR ADDITIONAL INFORMATION REGARDING REMOVALS ADJACENT TO CURB AND GUTTER.

MATCH LINE 344+75

REMOVING INLETS

STH 38

345+00 346+00 347+00 348+00 349+00 350+00 351+00 352

REMOVING INLETS

MATCH LINE 352+00

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	REMOVAL PLANS	SHEET 48	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021101-RM.DWG
LAYOUT NAME - 16
PLOT DATE : 5/20/2026 7:48 AM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1 IN:50 FT

2

MATCH LINE 352+00

REMOVING INLETS

REMOVING INLETS

STH 38

+00 353+00 354+00 355+00 356+00 357+00 358+00 359+00

WETLAND LIMITS

RIPRAP

CONSTRUCTION LIMITS
96' RT

MATCH LINE 359+25

LEGEND

- ADJ — ADJUSTING INLET COVERS
- REMOVING CURB
- REMOVING CURB & GUTTER
- REMOVING BUTT JOINTS
- REMOVING ASPHALT SURFACE MILLING
- REMOVING CONCRETE SIDEWALK
- CONCRETE PAVEMENT REPAIR
- CONCRETE PAVEMENT REPLACEMENT
- REMOVING ASPHALTIC SURFACE & REPLACE WITH 4" ASPHALTIC SURFACE
- REMOVING PAVEMENT FOR BASE PATCHING & BASE PATCHING CONCRETE HES
- XXXXXX SAWING ASPHALT
- YYYYYY SAWING CONCRETE

NOTE: SEE CURB RAMP REPLACEMENT DETAILS FOR ADDITIONAL INFORMATION REGARDING REMOVALS ADJACENT TO CURB AND GUTTER.

MATCH LINE 359+25

STH 38

360+00 361+00 362+00 363+00 364+00 365+00 366+00

WETLAND LIMITS

MATCH LINE 366+50

2

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	REMOVAL PLANS	SHEET 49	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021101-RM.DWG
LAYOUT NAME - 17

PLOT DATE : 4/28/2026 3:29 PM PLOT BY : JESSICA LEWIS, PE PLOT NAME : PLOT SCALE : 1 IN:50 FT

2

MATCH LINE 366+50

ADJ

STH 38

367+00 368+00 369+00 370+00 371+00 372+00 373+00

SEC E 5-5-22
WISDOT PID 522018
Y = 257376.191
X = 605701.057

CONSTRUCTION LIMITS
79' RT

OAK ST

REMOVING INLETS

WETLAND LIMITS

MATCH LINE 373+75

2

LEGEND

- ADJ — ADJUSTING INLET COVERS
- REMOVING CURB
- REMOVING CURB & GUTTER
- REMOVING BUTT JOINTS
- REMOVING ASPHALT SURFACE MILLING
- REMOVING CONCRETE SIDEWALK
- CONCRETE PAVEMENT REPAIR
- CONCRETE PAVEMENT REPLACEMENT
- REMOVING ASPHALTIC SURFACE & REPLACE WITH 4" ASPHALTIC SURFACE
- REMOVING PAVEMENT FOR BASE PATCHING & BASE PATCHING CONCRETE HES
- XXXXXX SAWING ASPHALT
- YYYYYY SAWING CONCRETE

NOTE: SEE CURB RAMP REPLACEMENT DETAILS FOR ADDITIONAL INFORMATION REGARDING REMOVALS ADJACENT TO CURB AND GUTTER.

CONSTRUCTION LIMITS
74' LT

WETLAND LIMITS

MATCH LINE 373+75

STH 38

374+00 375+00 376+00 377+00 378+00 379+00 380+00 381

ADJ

WETLAND LIMITS

CONSTRUCTION LIMITS
75' RT

JEWELL ST

MATCH LINE 381+00

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	REMOVAL PLANS	SHEET 50	E

2

MATCH LINE 381+00

STH 38

381+00 382+00 383+00 384+00 385+00 386+00 387+00 388+00

MATCH LINE 388+25

LEGEND

- ADJ — ADJUSTING INLET COVERS
- REMOVING CURB
- REMOVING CURB & GUTTER
- REMOVING BUTT JOINTS
- REMOVING ASPHALT SURFACE MILLING
- REMOVING CONCRETE SIDEWALK
- CONCRETE PAVEMENT REPAIR
- CONCRETE PAVEMENT REPLACEMENT
- REMOVING ASPHALTIC SURFACE & REPLACE WITH 4" ASPHALTIC SURFACE
- REMOVING PAVEMENT FOR BASE PATCHING & BASE PATCHING CONCRETE HES
- XXXXXX SAWING ASPHALT
- YYYYYY SAWING CONCRETE

NOTE: SEE CURB RAMP REPLACEMENT DETAILS FOR ADDITIONAL INFORMATION REGARDING REMOVALS ADJACENT TO CURB AND GUTTER.

MATCH LINE 388+25

STH 38

389+00 390+00 391+00 392+00 393+00 394+00 395+00

118+00

SEC NE 5-5-22
WISDOT PID 522005
Y = 260030.740
X = 605803.964

SEC SE 32-6-22
WISDOT PID 622161
Y = 260030.280
X = 605866.236

MATCH LINE 395+50

2

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	REMOVAL PLANS	SHEET 51	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021101-RM.DWG
LAYOUT NAME - 19

PLOT DATE : 4/28/2026 3:29 PM PLOT BY : JESSICA LEWIS, PE PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 44

2

MATCH LINE 395+50

396+00 397+00 398+00 399+00 400+00 401+00 402+00

STH 38

ADJ

MATCH LINE 402+75

UNCAS AVE

CONSTRUCTION LIMITS
76' LT

ADJ

MATCH LINE 402+75

403+00 404+00 405+00 406+00 407+00 408+00 409+00 410

STH 38

ADJ

MATCH LINE 410+00

CEMETERY

LEGEND

- ADJ — ADJUSTING INLET COVERS
- REMOVING CURB
- REMOVING CURB & GUTTER
- REMOVING BUTT JOINTS
- REMOVING ASPHALT SURFACE MILLING
- REMOVING CONCRETE SIDEWALK
- CONCRETE PAVEMENT REPAIR
- CONCRETE PAVEMENT REPLACEMENT
- REMOVING ASPHALTIC SURFACE & REPLACE WITH 4" ASPHALTIC SURFACE
- REMOVING PAVEMENT FOR BASE PATCHING & BASE PATCHING CONCRETE HES
- SAWING ASPHALT
- SAWING CONCRETE

NOTE: SEE CURB RAMP REPLACEMENT DETAILS FOR ADDITIONAL INFORMATION REGARDING REMOVALS ADJACENT TO CURB AND GUTTER.

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	REMOVAL PLANS	SHEET 52	E

2

BODEN ST

CONSTRUCTION LIMITS
77' LT

MATCH LINE 410+00

STH 38

411+00 412+00 413+00 414+00 415+00 416+00 417+00

MATCH LINE 417+25

CONSTRUCTION LIMITS
68' RT

E HENRY AVE

LEGEND

- ADJ — ADJUSTING INLET COVERS
- REMOVING CURB
- REMOVING CURB & GUTTER
- REMOVING BUTT JOINTS
- REMOVING ASPHALT SURFACE MILLING
- REMOVING CONCRETE SIDEWALK
- CONCRETE PAVEMENT REPAIR
- CONCRETE PAVEMENT REPLACEMENT
- REMOVING ASPHALTIC SURFACE & REPLACE WITH 4" ASPHALTIC SURFACE
- REMOVING PAVEMENT FOR BASE PATCHING & BASE PATCHING CONCRETE HES
- XXXXXX — SAWING ASPHALT
- YYYYYY — SAWING CONCRETE

NOTE: SEE CURB RAMP REPLACEMENT DETAILS FOR ADDITIONAL INFORMATION REGARDING REMOVALS ADJACENT TO CURB AND GUTTER.

MATCH LINE 417+25

SEC E 32-6-22
WISDOT PID 622148
Y = 262681.742
X = 605895.682

STH 38

418+00 419+00 420+00 421+00 422+00 423+00 424+00

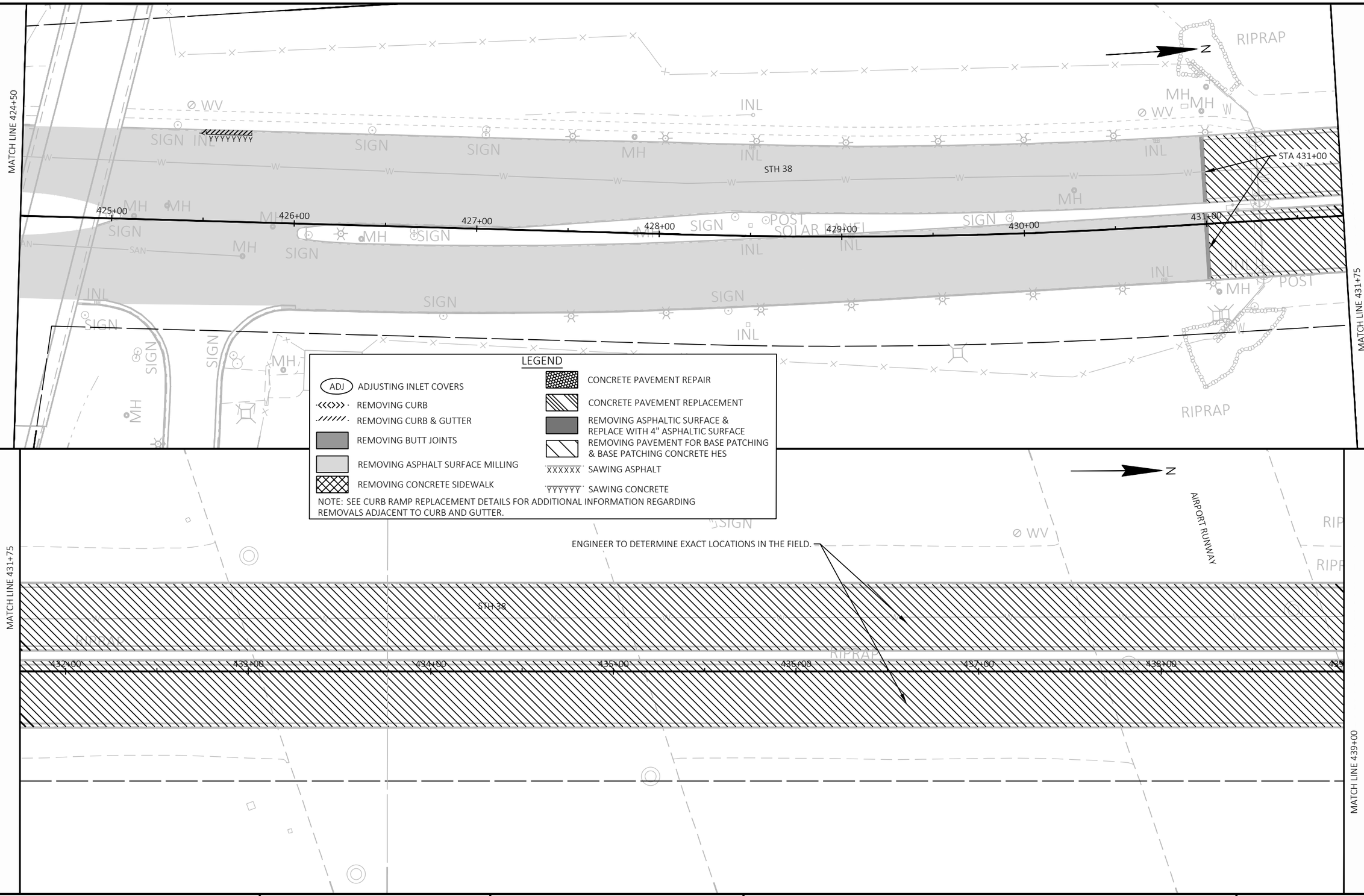
MATCH LINE 424+50

RIPRAP

2

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	REMOVAL PLANS	SHEET 53	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021101-RM.DWG
LAYOUT NAME - 21
PLOT DATE : 4/28/2026 3:30 PM PLOT BY : JESSICA LEWIS, PE PLOT NAME : PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 44



PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	REMOVAL PLANS	SHEET 54	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021101-RM.DWG
LAYOUT NAME - 22
PLOT DATE : 4/28/2026 3:30 PM PLOT BY : JESSICA LEWIS, PE PLOT NAME : PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 44

2

MATCH LINE 439+00

STA 439+31

STH 38

440+00

441+00

442+00

443+00

444+00

445+00

446+00

MATCH LINE 446+25

LEGEND

- ADJ — ADJUSTING INLET COVERS
- REMOVING CURB
- REMOVING CURB & GUTTER
- REMOVING BUTT JOINTS
- REMOVING ASPHALT SURFACE MILLING
- REMOVING CONCRETE SIDEWALK
- CONCRETE PAVEMENT REPAIR
- CONCRETE PAVEMENT REPLACEMENT
- REMOVING ASPHALTIC SURFACE & REPLACE WITH 4" ASPHALTIC SURFACE
- REMOVING PAVEMENT FOR BASE PATCHING & BASE PATCHING CONCRETE HES
- XXXXXX SAWING ASPHALT
- YYYYYY SAWING CONCRETE

NOTE: SEE CURB RAMP REPLACEMENT DETAILS FOR ADDITIONAL INFORMATION REGARDING REMOVALS ADJACENT TO CURB AND GUTTER.

MATCH LINE 446+25

STH 38

447+00

448+00

449+00

450+00

451+00

452+00

453+00

MATCH LINE 453+50

AIR CARGO WAY

SEC SE 29-6-22
WISDOT PID 622135
Y = 265325.458
X = 605908.958

CONSTRUCTION LIMITS
76' RT

CONSTRUCTION LIMITS
83' RT

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	REMOVAL PLANS	SHEET 55	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021101-RM.DWG
LAYOUT NAME - 23

PLOT DATE : 4/28/2026 3:28 PM PLOT BY : JESSICA LEWIS, PE PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 44

2

2

MATCH LINE 453+50

STH 119

STH 38

454+00 455+00 456+00 457+00 458+00 459+00 460+00

CONSTRUCTION LIMITS
138' LT

112' LT

GRANGE AVE

CONSTRUCTION LIMITS
106' LT

ADJ

459+50' LT

END PROJECT
STA 459+51

CONSTRUCTION LIMITS
459+50' RT

CONSTRUCTION LIMITS
115' RT

MATCH LINE 460+75

MATCH LINE 460+75

CONSTRUCTION LIMITS
461+45' LT

STH 38

461+00 462+00 463+00 464+00 465+00 466+00 467+00 468+0

LEGEND

- ADJ — ADJUSTING INLET COVERS
- REMOVING CURB
- REMOVING CURB & GUTTER
- REMOVING BUTT JOINTS
- REMOVING ASPHALT SURFACE MILLING
- REMOVING CONCRETE SIDEWALK
- CONCRETE PAVEMENT REPAIR
- CONCRETE PAVEMENT REPLACEMENT
- REMOVING ASPHALTIC SURFACE & REPLACE WITH 4" ASPHALTIC SURFACE
- REMOVING PAVEMENT FOR BASE PATCHING & BASE PATCHING CONCRETE HES
- XXXXXX SAWING ASPHALT
- YYYYYY SAWING CONCRETE

NOTE: SEE CURB RAMP REPLACEMENT DETAILS FOR ADDITIONAL INFORMATION REGARDING REMOVALS ADJACENT TO CURB AND GUTTER.

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	REMOVAL PLANS	SHEET 56	E

2

LEGEND

- ADJ — ADJUSTING INLET COVERS
- REMOVING CURB
- REMOVING CURB & GUTTER
- REMOVING BUTT JOINTS
- REMOVING ASPHALT SURFACE MILLING
- REMOVING CONCRETE SIDEWALK
- CONCRETE PAVEMENT REPAIR
- CONCRETE PAVEMENT REPLACEMENT
- REMOVING ASPHALTIC SURFACE & REPLACE WITH 4" ASPHALTIC SURFACE
- REMOVING PAVEMENT FOR BASE PATCHING & BASE PATCHING CONCRETE HES
- XXXXXX — SAWING ASPHALT
- YYYYYY — SAWING CONCRETE

NOTE: SEE CURB RAMP REPLACEMENT DETAILS FOR ADDITIONAL INFORMATION REGARDING REMOVALS ADJACENT TO CURB AND GUTTER.

N

STH 100

98+00 99+00 100+00 101+00 102+00 103+00 104+00 105+00

184+00 183+00 182+00 181+00 180+00

CONSTRUCTION LIMITS
134' LT

CONSTRUCTION LIMITS
128' RT

CONSTRUCTION LIMITS
136' RT

SEC SE 20-5-22
WISDOT PID 522109
Y = 238865.747
X = 605081.164

STH 38

RIPRAP

FILLER CAP

FLAG

POST

SIGN

MH

INL

SAN

W

E

SS

FO

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	REMOVAL PLANS - STH 100	SHEET 57	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021102-RM.DWG
LAYOUT NAME - 01
PLOT DATE : 4/28/2026 3:01 PM
PLOT BY : JESSICA LEWIS, PE
PLOT NAME :
PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 42

LEGEND

- ADJ — ADJUSTING INLET COVERS
- REMOVING CURB
- REMOVING CURB & GUTTER
- REMOVING BUTT JOINTS
- REMOVING ASPHALT SURFACE MILLING
- REMOVING CONCRETE SIDEWALK
- CONCRETE PAVEMENT REPAIR
- CONCRETE PAVEMENT REPLACEMENT
- REMOVING ASPHALTIC SURFACE & REPLACE WITH 4" ASPHALTIC SURFACE
- REMOVING PAVEMENT FOR BASE PATCHING & BASE PATCHING CONCRETE HES
- XXXXXX — SAWING ASPHALT
- YYYYYY — SAWING CONCRETE

NOTE: SEE CURB RAMP REPLACEMENT DETAILS FOR ADDITIONAL INFORMATION REGARDING REMOVALS ADJACENT TO CURB AND GUTTER.

N

WETLAND LIMITS

CONSTRUCTION LIMITS
136' LT

CONSTRUCTION LIMITS
136' RT

CONSTRUCTION LIMITS
89' LT

CONSTRUCTION LIMITS
153' RT

SEC SE 17-5-22
WISDOT PID 522083
Y = 244161.043
X = 605244.084

PUETZ RD

STH 38

112+00 113+00 114+00 115+00 116+00 117+00 118+00 119+00

237+00 236+00 235+00 234+00 233+00

2

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	REMOVAL PLANS - PUETZ ROAD	SHEET 58	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021102-RM.DWG
LAYOUT NAME - 02
PLOT DATE : 4/28/2026 3:01 PM
PLOT BY : JESSICA LEWIS, PE
PLOT NAME :
PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 42

2

LEGEND

- ADJ — ADJUSTING INLET COVERS
- REMOVING CURB
- REMOVING CURB & GUTTER
- REMOVING BUTT JOINTS
- REMOVING ASPHALT SURFACE MILLING
- REMOVING CONCRETE SIDEWALK
- CONCRETE PAVEMENT REPAIR
- CONCRETE PAVEMENT REPLACEMENT
- REMOVING ASPHALTIC SURFACE & REPLACE WITH 4" ASPHALTIC SURFACE
- REMOVING PAVEMENT FOR BASE PATCHING & BASE PATCHING CONCRETE HES
- XXXXXX — SAWING ASPHALT
- YYYYYY — SAWING CONCRETE

NOTE: SEE CURB RAMP REPLACEMENT DETAILS FOR ADDITIONAL INFORMATION REGARDING REMOVALS ADJACENT TO CURB AND GUTTER.

N

112+00 113+00 114+00 115+00 116+00 117+00 118+00 119+00

290+00

285+00

280+00

275+00

CONSTRUCTION LIMITS
151' LT

CONSTRUCTION LIMITS
152' LT

CONSTRUCTION LIMITS
130' LT

SEC SE 8-5-22
WISDOT PID 522057
Y = 249447.192
X = 605420.462

CONSTRUCTION LIMITS
155' RT

CONSTRUCTION LIMITS
135' RT

DREXEL AVE

DREXEL AVE

STH 38

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	REMOVAL PLANS - DREXEL AVENUE	SHEET 59	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021102-RM.DWG
LAYOUT NAME - 03

PLOT DATE : 4/28/2026 3:02 PM PLOT BY : JESSICA LEWIS, PE PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- ADJ — ADJUSTING INLET COVERS
- REMOVING CURB
- REMOVING CURB & GUTTER
- REMOVING BUTT JOINTS
- REMOVING ASPHALT SURFACE MILLING
- REMOVING CONCRETE SIDEWALK
- CONCRETE PAVEMENT REPAIR
- CONCRETE PAVEMENT REPLACEMENT
- REMOVING ASPHALTIC SURFACE & REPLACE WITH 4" ASPHALTIC SURFACE
- REMOVING PAVEMENT FOR BASE PATCHING & BASE PATCHING CONCRETE HES
- SAWING ASPHALT
- SAWING CONCRETE

NOTE: SEE CURB RAMP REPLACEMENT DETAILS FOR ADDITIONAL INFORMATION REGARDING REMOVALS ADJACENT TO CURB AND GUTTER.

N

CONSTRUCTION LIMITS
201' LT

CONSTRUCTION LIMITS
179' RT

CONSTRUCTION LIMITS
331' LT

CONSTRUCTION LIMITS
181' RT

210' LT

SEC SE 5-5-22
WISDOT PID 522031
Y = 254732.711
X = 605605.773

113+00 114+00 115+00 116+00 117+00 118+00 119+00 120

343+00 342+00 341+00 340+00 339+00

RAWSON AVE

STH 38

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	REMOVAL PLANS - RAWSON AVENUE	SHEET 60	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021102-RM.DWG
LAYOUT NAME - 04

PLOT DATE : 5/20/2026 7:48 AM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 42

2

LEGEND

ADJ ADJUSTING INLET COVERS	CONCRETE PAVEMENT REPAIR
REMOVING CURB	CONCRETE PAVEMENT REPLACEMENT
REMOVING CURB & GUTTER	REMOVING ASPHALTIC SURFACE & REPLACE WITH 4" ASPHALTIC SURFACE
REMOVING BUTT JOINTS	REMOVING PAVEMENT FOR BASE PATCHING & BASE PATCHING CONCRETE HES
REMOVING ASPHALT SURFACE MILLING	SAWING ASPHALT
REMOVING CONCRETE SIDEWALK	SAWING CONCRETE

NOTE: SEE CURB RAMP REPLACEMENT DETAILS FOR ADDITIONAL INFORMATION REGARDING REMOVALS ADJACENT TO CURB AND GUTTER.

N

CONSTRUCTION LIMITS
163' LT

SEC NE 5-5-22
WISDOT PID 522005
Y = 260030.740
X = 605803.964

CONSTRUCTION LIMITS
124' RT

CONSTRUCTION LIMITS
203' LT

COLLEGE AVE

SEC SE 32-6-22
WISDOT PID 622161
Y = 260030.280
X = 605866.236

COLLEGE AVE

STH 38

396+00

394+00

392+00

114+00 115+00 116+00 117+00 118+00 119+00 120+00 121+00

CONTROL POINTS					
NO.	STATION	ELEV.	NORTHING	EASTING	DESCRIPTION
1042	117+50.75 LT	718.42	232405.234	604904.353	BERNSTEN FENO MON W/ALUM CAP
1041	133+97.35 RT	713.634	234051.372	604961.804	BERNSTEN FENO MON W/ALUM CAP

BEGIN PROJECT
STA 122+81.34

NOTE:
STA 122+81 TO STA 176+00 CLEANING AND SEALING CRACKS AND JOINTS WITH HOT-APPLIED SEALANT EXACT LOCATIONS TO BE DETERMINED IN THE FIELD BY THE ENGINEER .

N

PI: 125+00.00

INV-57
REPAIR
C
STH 38
HMA3-S

120+00 121+00 N0°19'31"E 122+00 123+00 124+00 125+00 N0°21'17"E 126+00 127+00

R/L STH 38

MATCH LINE 127+25

LEGEND

ADJ	ADJUSTING INLET COVERS	BSSW	BUS STOP SPLIT WALK
ADJ-MH	ADJUSTING MANHOLE COVERS	MED2	CONCRETE MEDIAN SLOPED NOSE TYPE 2
INL-V	INLET COVERS TYPE V	MEDB	CONCRETE MEDIAN BLUNT NOSE
INL-X	INLET COVERS TYPE X	CG31	CURB & GUTTER 31-INCH
INL-57	INLET COVERS SPECIAL TYPE 57	HMA3	3" HMA PAVEMENT
CLEAN	CLEAN INLET	HMA3-S	3" HMA-S PAVEMENT
REPAIR	REPAIR INLET	SW5	CONCRETE SIDEWALK 5"
ADJ-W	ADJUSTING WATER VALVE BOXES		CONCRETE PAVEMENT REPAIR
			CONCRETE PAVEMENT REPLACEMENT

EROSION CONTROL LEGEND

- INLET PROTECTION
- A B C D INLET PROTECTION TYPE
- SURFACE WATER FLOW
- TOPSOIL, SOD, FERTILIZER TYPE B
- CURB RAMP GRADING, SHAPING, FINISHING

CONSTRUCTION LIMITS
121' LT

+29.73
-104.18' LT

R49'

ADJ

OAKWOOD RD

SECTION CORNER MONUMENT
ID 522135
Y= 233581.681
X= 604944.932

PI: 129+27.40

+33.23
-135.81' LT

WETLAND LIMITS

HEAVY DUTY SILT FENCE

R78'

CG31 INL-V

HMA3-S SW5 CG31 MED2 SW5 CG31

128+00 129+00 130+00 131+00 132+00 133+00 134+00

CP 1041

R/L STH 38

REPAIR MED2 R3' R59' R79' R73'

+58.29
41.35' RT

+35.03
90.86' RT

REPAIR INL-V HMA3-S

MATCH LINE 134+50

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PLAN DETAILS	SHEET 62	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021201-PD.DWG
LAYOUT NAME - 01

PLOT DATE : 4/24/2026 1:25 PM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1 IN:50 FT

CONTROL POINTS					
NO.	STATION	ELEV.	NORTHING	EASTING	DESCRIPTION
1040	141+45.15 LT	718.176	234799.184	604969.813	BERNSTEN FENO MON W/ALUM CAP

NOTE:
STA 122+81 TO STA 176+00 CLEANING AND SEALING CRACKS AND JOINTS WITH HOT-APPLIED SEALANT EXACT LOCATIONS TO BE DETERMINED IN THE FIELD BY THE ENGINEER .

MATCH LINE 134+50

MATCH LINE 141+75

MATCH LINE 141+75

MATCH LINE 149+00

LEGEND

ADJ	ADJUSTING INLET COVERS	BSSW	BUS STOP SPLIT WALK
ADJ-MH	ADJUSTING MANHOLE COVERS	MED2	CONCRETE MEDIAN SLOPED NOSE TYPE 2
INL-V	INLET COVERS TYPE V	MEDB	CONCRETE MEDIAN BLUNT NOSE
INL-X	INLET COVERS TYPE X	CG31	CURB & GUTTER 31-INCH
INL-57	INLET COVERS SPECIAL TYPE 57	HMA3	3" HMA PAVEMENT
CLEAN	CLEAN INLET	HMA3-S	3" HMA-S PAVEMENT
REPAIR	REPAIR INLET	SW5	CONCRETE SIDEWALK 5"
ADJ-W	ADJUSTING WATER VALVE BOXES		CONCRETE PAVEMENT REPAIR
			CONCRETE PAVEMENT REPLACEMENT

EROSION CONTROL LEGEND

- INLET PROTECTION
- A B C D — INLET PROTECTION TYPE
- SURFACE WATER FLOW
- TOPSOIL, SOD, FERTILIZER TYPE B
- CURB RAMP GRADING, SHAPING, FINISHING

135+00 136+00 137+00 138+00 139+00 140+00 141+00

EP 1040

R/L STH 38

WETLAND LIMITS

+07.76
-117.12' LT

+14.97
-92.69' LT

+90.47
-52.86' LT

STH 38

+22.21
5.54' LT

R4'

R57'

142+00 143+00 N1°25'33"E 144+00 145+00 146+00 147+00 148+00 149

R/L STH 38

R25'

R24'

+09.26
80.17' RT

+94.71
79.37' RT

LISA DR

CONSTRUCTION LIMITS
90' RT

R62'

R36'

FLAG

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PLAN DETAILS	SHEET 63	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021201-PD.DWG
LAYOUT NAME - 02
PLOT DATE : 4/24/2026 1:25 PM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 44

CONTROL POINTS					
NO.	STATION	ELEV.	NORTHING	EASTING	DESCRIPTION
1038	158+43.61 LT	714.597	236496.967	605018.225	BERNSTEN FENO MON W/ALUM CAP
1039	150+00.96 LT	710.692	235654.676	604993.418	BERNSTEN FENO MON W/ALUM CAP

NOTE:
STA 122+81 TO STA 176+00 CLEANING AND SEALING CRACKS AND JOINTS WITH HOT-APPLIED SEALANT EXACT LOCATIONS TO BE DETERMINED IN THE FIELD BY THE ENGINEER .

MATCH LINE 149+00

MATCH LINE 156+25

MATCH LINE 156+25

MATCH LINE 163+50

+30.76
-99.15' LT

+38.94
-113.07' LT

R44'

R59'

INV-57

HMA3-S

PI: 155+75.45

CP 1039

R/L STH 38

REPAIR

INL-57

SECTION CORNER MONUMENT
ID 522122
Y= 236228.904
X= 605010.823

CURB RAMP IS ADA COMPLIANT

+30.55
80.82' RT

R25'

R24'

FITZSIMMONS RD

+20.93
80.33' RT

CONSTRUCTION LIMITS
78' RT

CONSTRUCTION LIMITS
85' LT

+94.17
-85.23' LT

+98.51
-85.21' LT

R29'

R30'

SUMMERHILL PL

STH 38

CP 1038

+09.80
79.74' RT

+87.94
80.78' RT

ESTATES PL

CONSTRUCTION LIMITS
82' RT

LEGEND

ADJ	ADJUSTING INLET COVERS
ADJ-MH	ADJUSTING MANHOLE COVERS
INL-V	INLET COVERS TYPE V
INL-X	INLET COVERS TYPE X
INL-57	INLET COVERS SPECIAL TYPE 57
CLEAN	CLEAN INLET
REPAIR	REPAIR INLET
ADJ-W	ADJUSTING WATER VALVE BOXES
BSSW	BUS STOP SPLIT WALK
MED2	CONCRETE MEDIAN SLOPED NOSE TYPE 2
MEDB	CONCRETE MEDIAN BLUNT NOSE
CG31	CURB & GUTTER 31-INCH
HMA3	3" HMA PAVEMENT
HMA3-S	3" HMA-S PAVEMENT
SW5	CONCRETE SIDEWALK 5"
	CONCRETE PAVEMENT REPAIR
	CONCRETE PAVEMENT REPLACEMENT

EROSION CONTROL LEGEND

	INLET PROTECTION
A B C D	INLET PROTECTION TYPE
	SURFACE WATER FLOW
	TOPSOIL, SOD, FERTILIZER TYPE B
	CURB RAMP GRADING, SHAPING, FINISHING

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PLAN DETAILS	SHEET 64 E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021201-PD.DWG
LAYOUT NAME - 03

PLOT DATE : 4/24/2026 1:25 PM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 44

CONTROL POINTS					
NO.	STATION	ELEV.	NORTHING	EASTING	DESCRIPTION
1037	166+95.47 RT	702.516	237348.340	605047.624	BERNSTEN FENO MON W/ALUM CAP
1041	174+67.28 LT	697.114	238120.129	605058.874	BERNSTEN FENO MON W/ALUM CAP

MATCH LINE 163+50

MATCH LINE 170+75

MATCH LINE 170+75

MATCH LINE 178+00

STH 38

164+00 165+00 166+00 167+00 168+00 N1°31'41"E 169+00 170+00

171+00 172+00 173+00 174+00 175+00 176+00 177+00 178

CP 1037

CP 1036

R/L STH 38

STA 176+00
BEGIN RESURFACING

CONSTRUCTION LIMITS
84' LT

+02.76
-83.22' LT

+21.54
-80.08' LT

FAIRFIELD DR

R24

R27

R30'

ADJ

ADJ-MH
NO MONOLITHIC SHIM REQ'D

HMA3-S

HMA3

CLEAN

REPAIR

NOTE:
STA 122+81 TO STA 176+00 CLEANING AND SEALING CRACKS AND JOINTS WITH HOT-APPLIED SEALANT EXACT LOCATIONS TO BE DETERMINED IN THE FIELD BY THE ENGINEER .

CURB RAMP IS ADA COMPLIANT

CONSTRUCTION LIMITS
86' RT

WETLAND LIMITS

+18.44
85.80' RT

+51.18
100.88' RT

EROSION CONTROL LEGEND

- INLET PROTECTION
- A B C D — INLET PROTECTION TYPE
- SURFACE WATER FLOW
- TOPSOIL, SOD, FERTILIZER TYPE B
- CURB RAMP GRADING, SHAPING, FINISHING

LEGEND

ADJ	ADJUSTING INLET COVERS
ADJ-MH	ADJUSTING MANHOLE COVERS
INL-V	INLET COVERS TYPE V
INL-X	INLET COVERS TYPE X
INL-57	INLET COVERS SPECIAL TYPE 57
CLEAN	CLEAN INLET
REPAIR	REPAIR INLET
RECON	RECONSTRUCT INLET
ADJ-W	ADJUSTING WATER VALVE BOXES
BSSW	BUS STOP SPLIT WALK
MED2	CONCRETE MEDIAN SLOPED NOSE TYPE 2
MEDB	CONCRETE MEDIAN BLUNT NOSE
CG31	CURB & GUTTER 31-INCH
HMA3	3" HMA PAVEMENT
HMA3-S	3" HMA-S PAVEMENT
SW5	CONCRETE SIDEWALK 5"
	CONCRETE PAVEMENT REPAIR
	CONCRETE PAVEMENT REPLACEMENT

CONTROL POINTS					
NO.	STATION	ELEV.	NORTHING	EASTING	DESCRIPTION
1035	183+31.71 RT	685.895	238982.182	605150.655	BERNSTEN FENO MON W/ALUM CAP
1034	192+22.68 LT	677.883	239877.044	605035.389	BERNSTEN FENO MON W/ALUM CAP

MATCH LINE 178+00

MATCH LINE 185+25

MATCH LINE 185+25

MATCH LINE 192+50

SEE INTERSECTION DETAIL

PI: 182+13.23

STH 100

STH 100

STH 38

R/L STH 38

R/L STH 38

ADJ-MH

ADJ-MH

ADJ-MH

ADJ-MH

ADJ

HMA3

HMA3

HMA3

HMA3

SECTION CORNER MONUMENT
ID 522109
Y= 238865.747
X= 605081.164

CP 1035

CP 1034

WETLAND LIMITS

REPAIR

REPAIR

D

D

B

C

178+00 179+00 180+00 181+00 182+00 183+00 184+00 185+00

186+00 187+00 188+00 189+00 190+00 191+00 192+00

+25.04
81.48' LT

+68.57
81.01' LT

+86.21
80.39' RT

R8'

R8'

R27

R24'

PARKWAY ESTATES DR

CONSTRUCTION LIMITS
77' RT

LEGEND

ADJ	ADJUSTING INLET COVERS
ADJ-MH	ADJUSTING MANHOLE COVERS
INL-V	INLET COVERS TYPE V
INL-X	INLET COVERS TYPE X
INL-57	INLET COVERS SPECIAL TYPE 57
CLEAN	CLEAN INLET
REPAIR	REPAIR INLET
RECON	RECONSTRUCT INLET
ADJ-W	ADJUSTING WATER VALVE BOXES
BSSW	BUS STOP SPLIT WALK
MED2	CONCRETE MEDIAN SLOPED NOSE TYPE 2
MEDB	CONCRETE MEDIAN BLUNT NOSE
CG31	CURB & GUTTER 31-INCH
HMA3	3" HMA PAVEMENT
HMA3-S	3" HMA-S PAVEMENT
SW5	CONCRETE SIDEWALK 5"
	CONCRETE PAVEMENT REPAIR
	CONCRETE PAVEMENT REPLACEMENT

EROSION CONTROL LEGEND

- INLET PROTECTION
- A B C D INLET PROTECTION TYPE
- SURFACE WATER FLOW
- TOPSOIL, SOD, FERTILIZER TYPE B
- CURB RAMP GRADING, SHAPING, FINISHING

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PLAN DETAILS	SHEET 66 E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021201-PD.DWG
LAYOUT NAME - 05

PLOT DATE : 1/30/2026 1:51 PM PLOT BY : JESSICA LEWIS, PE PLOT NAME : PLOT SCALE : 1 IN:50 FT

2

CONTROL POINTS					
NO.	STATION	ELEV.	NORTHING	EASTING	DESCRIPTION
1033	197+74.27 LT	678.542	240426.122	605126.735	BERNSTEN FENO MON W/ALUM CAP

MATCH LINE 192+50

N

+00.28
-80.57' LT

+90.31
-80.04' LT

SEE STRUCTURE B-40-0294 PLANS

R25'

R24'

REPAIR

D

CURB RAMP IS ADA COMPLIANT

HMA3

STA 198+97
END RESURFACING

A

193+00 194+00 195+00 196+00 197+00 198+00 199+00

N1°44'06"E

CP 1033

R/L STH 38

270

197+24.7, 54.3' RT
INLETS 2X2.5-FT
SALVAGED INLET COVERS
IE - 670.71

ADJ-MH

BEAMGUARD
SEE CONSTRUCTION DETAIL

REPAIR B

HMA3

ADJ

R25'

R23'

EXISTING GUARDRAIL TO REMAIN

CG31

+64.61
79.93' RT

+00.28
80.22' RT

+89.61
79.11' RT

CONSTRUCTION LIMITS
79' RT

OAK CREEK PKWY

MATCH LINE 199+75

EROSION CONTROL LEGEND

- INLET PROTECTION
- A B C D INLET PROTECTION TYPE
- SURFACE WATER FLOW
- TOPSOIL, SOD, FERTILIZER TYPE B
- CURB RAMP GRADING, SHAPING, FINISHING

LEGEND

ADJ	ADJUSTING INLET COVERS	BSSW	BUS STOP SPLIT WALK
ADJ-MH	ADJUSTING MANHOLE COVERS	MED2	CONCRETE MEDIAN SLOPED NOSE TYPE 2
INL-V	INLET COVERS TYPE V	MEDB	CONCRETE MEDIAN BLUNT NOSE
INL-X	INLET COVERS TYPE X	CG31	CURB & GUTTER 31-INCH
INL-57	INLET COVERS SPECIAL TYPE 57	HMA3	3" HMA PAVEMENT
CLEAN	CLEAN INLET	HMA3-S	3" HMA-S PAVEMENT
REPAIR	REPAIR INLET	SW5	CONCRETE SIDEWALK 5"
RECON	RECONSTRUCT INLET		CONCRETE PAVEMENT REPAIR
ADJ-W	ADJUSTING WATER VALVE BOXES		CONCRETE PAVEMENT REPLACEMENT

CONSTRUCTION LIMITS
85' LT

OAK LEAF DR

EXISTING GUARDRAIL TO REMAIN

+03.43
-89.31' LT

+04.60
-85.20' LT

ADJ

R35'

R30'

REPAIR B

STH 38

HMA3

MATCH LINE 199+75

SOUTH

STA 200+05
BEGIN RESURFACING

200+00 201+00 202+00 203+00 204+00 205+00 206+00 207

R/L STH 38

RIPRAP

BEAMGUARD
SEE CONSTRUCTION DETAIL

REPAIR B

SEE STRUCTURE B-40-0295 PLANS

MATCH LINE 207+00

FLAG

2

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PLAN DETAILS	SHEET 67	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021201-PD.DWG
LAYOUT NAME - 06

PLOT DATE : 1/30/2026 1:51 PM PLOT BY : JESSICA LEWIS, PE PLOT NAME : PLOT SCALE : 1 IN:50 FT

CONTROL POINTS					
NO.	STATION	ELEV.	NORTHING	EASTING	DESCRIPTION
1032	210+19.28 LT	691.050	241670.672	605161.056	BERNSTEN FENO MON W/ALUM CAP
1031	217+62.06 LT	693.041	242413.004	605186.837	BERNSTEN FENO MON W/ALUM CAP

MATCH LINE 207+00

ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES

+49.23 -79.40' LT

+34.07 -80.51' LT

R24'

R25'

ADJ-MH

SECTION CORNER MONUMENT
ID 522096
Y= 241514.998
X= 605161.408

282 210+74.7, 53.6' LT
INLETS 4-FT DIAMETER
SALVAGED INLET COVERS
IE - 683.31

HMA3

CG31

B

283 213+39.0, 53.6' LT
INLETS 4-FT DIAMETER
SALVAGED INLET COVERS
IE - 678.61

D

REPAIR

208+00 209+00 210+00 211+00 212+00 213+00 214+00

CP 1032

R/L STH 38

PI: 208+63.69

286 213+38.0, 54.2' RT
INLETS 2X2.5-FT
SALVAGED INLET COVERS
IE - 679.09

MATCH LINE 214+25

EROSION CONTROL LEGEND

- INLET PROTECTION
- A B C D INLET PROTECTION TYPE
- SURFACE WATER FLOW
- TOPSOIL, SOD, FERTILIZER TYPE B
- CURB RAMP GRADING, SHAPING, FINISHING

LEGEND

- ADJ ADJUSTING INLET COVERS
- ADJ-MH ADJUSTING MANHOLE COVERS
- INL-V INLET COVERS TYPE V
- INL-X INLET COVERS TYPE X
- INL-57 INLET COVERS SPECIAL TYPE 57
- CLEAN CLEAN INLET
- REPAIR REPAIR INLET
- RECON RECONSTRUCT INLET
- ADJ-W ADJUSTING WATER VALVE BOXES
- BSSW BUS STOP SPLIT WALK
- MED2 CONCRETE MEDIAN SLOPED NOSE TYPE 2
- MEDB CONCRETE MEDIAN BLUNT NOSE
- CG31 CURB & GUTTER 31-INCH
- HMA3 3" HMA PAVEMENT
- HMA3-S 3" HMA-S PAVEMENT
- SW5 CONCRETE SIDEWALK 5"
- CONCRETE PAVEMENT REPAIR
- CONCRETE PAVEMENT REPLACEMENT

MATCH LINE 214+25

ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES

WETLAND LIMITS

+38.27 -79.69' LT

+21.83 -78.81' LT

R24'

R23'

CLEAN

STH 38

HMA3

REPAIR

+35.54 -84.42' LT

SW5

CG31

215+00 216+00 217+00 218+00 219+00 220+00 221+00

CP 1031

R/L STH 38

R49'

MATCH LINE 221+50

+07.73 104.60' RT

WETLAND LIMITS

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PLAN DETAILS	SHEET 68	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021201-PD.DWG
LAYOUT NAME - 07

PLOT DATE : 1/30/2026 1:48 PM PLOT BY : JESSICA LEWIS, PE PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 44

2

MATCHLINE

CENTENNIAL DR

+76.22
-115.43' LT

CONSTRUCTION LIMITS 138' LT

MATCHLINE

RIPRAP

N

CP 1030

STH 38

MATCH LINE 221+50

R29'

R60'

ADJ-MH

ADJ-MH

ADJ-MH

SW5

294 225+99.7, 52.4' LT
INLETS 2X2.5-FT
SALVAGED INLET COVERS
IE - 695.14

CG31

HMA3

N1°47'23"E 222+00

223+00

224+00

225+00

226+00

227+00

228+00

R/L STH 38

293 225+44.8, 54.6' RT
INLETS 2X2.5-FT
SALVAGED INLET COVERS
IE - 694.24

CG31

HMA3

296 228+48.9, 54.3' RT
INLETS 2X2.5-FT
SALVAGED INLET COVERS
IE - 692.22

CG31

MATCH LINE 228+75

R33'

CENTENNIAL DR

+44.21
89.34' RT

SW5

CONSTRUCTION LIMITS
139' RT

CONTROL POINTS					
NO.	STATION	ELEV.	NORTHING	EASTING	DESCRIPTION
1030	226+64.69 LT	698.373	243317.134	605153.160	BERNSTEN FENO MON W/ALUM CAP
1029	233+97.59 LT	696.91	244049.646	605176.799	BERNSTEN FENO MON W/ALUM CAP

LEGEND

ADJ	ADJUSTING INLET COVERS
ADJ-MH	ADJUSTING MANHOLE COVERS
INL-V	INLET COVERS TYPE V
INL-X	INLET COVERS TYPE X
INL-57	INLET COVERS SPECIAL TYPE 57
CLEAN	CLEAN INLET
REPAIR	REPAIR INLET
RECON	RECONSTRUCT INLET
ADJ-W	ADJUSTING WATER VALVE BOXES
BSSW	BUS STOP SPLIT WALK
MED2	CONCRETE MEDIAN SLOPED NOSE TYPE 2
MEDB	CONCRETE MEDIAN BLUNT NOSE
CG31	CURB & GUTTER 31-INCH
HMA3	3" HMA PAVEMENT
HMA3-S	3" HMA-S PAVEMENT
SW5	CONCRETE SIDEWALK 5"
	CONCRETE PAVEMENT REPAIR
	CONCRETE PAVEMENT REPLACEMENT

EROSION CONTROL LEGEND

	INLET PROTECTION
A B C D	INLET PROTECTION TYPE
	SURFACE WATER FLOW
	TOPSOIL, SOD, FERTILIZER TYPE B
	CURB RAMP GRADING, SHAPING, FINISHING

229+01.0, 54.0' LT
INLETS 2X2.5-FT
SALVAGED INLET COVERS
IE - 691.93

295

CG31

230+49.8, 53.8' LT
INLETS 2X2.5-FT
SALVAGED INLET COVERS
IE - 690.93

297

230+97.8, 53.3' LT
INLETS 2X2.5-FT
SALVAGED INLET COVERS
IE - 689.38

298

ASPHALTIC SURFACE DRIVEWAYS
AND FIELD ENTRANCES

CG31

CP 1029

PUETZ RD

PI: 235+11.03

SEE INTERSECTION DETAIL

HMA3

ADJ-MH

229+00

230+00

231+00

232+00

233+00

234+00

235+00

236

R/L STH 38

ADJ-MH

SECTION CORNER MONUMENT
ID 522083
Y= 244161.043
X= 605244.084

CG31

HMA3

ASPHALTIC SURFACE DRIVEWAYS
AND FIELD ENTRANCES

301 230+52.1, 54.2' RT
INLETS 4-FT DIAMETER
SALVAGED INLET COVERS
IE - 687.95

230+75.7, 54.2' RT
INLETS 4-FT DIAMETER
SALVAGED INLET COVERS
IE - 687.80

302

115+00

116+00

MATCH LINE 236+00

2

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PLAN DETAILS	SHEET 69	E

CONTROL POINTS					
NO.	STATION	ELEV.	NORTHING	EASTING	DESCRIPTION
1028	243+59.05 RT	703.283	245008.549	605273.873	BERNSTEN FENO MON W/ALUM CAP

MATCH LINE 236+00

SEE INTERSECTION DETAIL

STA 236+78.35
STA 236+72.35
STA 237+06.70
STA 237+16.66
BSSW
HMA3
REPAIR
R/L STH 38
ADJ-MH
+66.14
86.18' LT
+72.35
85.25' LT
R29'
R30'
R27'
R24'
+68.79
83.41' RT
+57.26
82.59' RT

237+00 238+00 239+00 240+00 241+00 242+00 243+00

MATCH LINE 243+25

+48.08
76.38' LT
+27.88
81.08' LT
R21'
R25'
STH 38
HMA3
CP 1028
244+00 245+00 246+00 247+00 248+00 249+00 250+00
N1°49'07"E
ADJ
BSSW
SOLAR PANEL
+57.74
80.89' RT
+43.42
79.08' RT
R23'
CONSTRUCTION LIMITS
83' RT
GROVELAND DR

MATCH LINE 250+50

LEGEND

ADJ	ADJUSTING INLET COVERS	BSSW	BUS STOP SPLIT WALK
ADJ-MH	ADJUSTING MANHOLE COVERS	MED2	CONCRETE MEDIAN SLOPED NOSE TYPE 2
INL-V	INLET COVERS TYPE V	MEDB	CONCRETE MEDIAN BLUNT NOSE
INL-X	INLET COVERS TYPE X	CG31	CURB & GUTTER 31-INCH
INL-57	INLET COVERS SPECIAL TYPE 57	HMA3	3" HMA PAVEMENT
CLEAN	CLEAN INLET	HMA3-S	3" HMA-S PAVEMENT
REPAIR	REPAIR INLET	SW5	CONCRETE SIDEWALK 5"
RECON	RECONSTRUCT INLET		CONCRETE PAVEMENT REPAIR
ADJ-W	ADJUSTING WATER VALVE BOXES		CONCRETE PAVEMENT REPLACEMENT

EROSION CONTROL LEGEND

- INLET PROTECTION
- A B C D INLET PROTECTION TYPE
- SURFACE WATER FLOW
- TOPSOIL, SOD, FERTILIZER TYPE B
- CURB RAMP GRADING, SHAPING, FINISHING

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PLAN DETAILS	SHEET 70	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021201-PD.DWG
LAYOUT NAME - 09
PLOT DATE : 1/30/2026 1:53 PM
PLOT BY : JESSICA LEWIS, PE
PLOT NAME :
PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 44

2

2

MATCH LINE 250+50

MATCH LINE 257+75

MATCH LINE 257+75

MATCH LINE 265+00

CONTROL POINTS					
NO.	STATION	ELEV.	NORTHING	EASTING	DESCRIPTION
1027	251+66.62 LT	713.891	245816.004	605290.290	BERNSTEN FENO MON W/ALUM CAP
1026	260+87.63 RT	715.246	246733.930	605401.806	BERNSTEN FENO MON W/ALUM CAP

LEGEND

ADJ	ADJUSTING INLET COVERS	BSSW	BUS STOP SPLIT WALK
ADJ-MH	ADJUSTING MANHOLE COVERS	MED2	CONCRETE MEDIAN SLOPED NOSE TYPE 2
INL-V	INLET COVERS TYPE V	MEDB	CONCRETE MEDIAN BLUNT NOSE
INL-X	INLET COVERS TYPE X	CG31	CURB & GUTTER 31-INCH
INL-57	INLET COVERS SPECIAL TYPE 57	HMA3	3" HMA PAVEMENT
CLEAN	CLEAN INLET	HMA3-S	3" HMA-S PAVEMENT
REPAIR	REPAIR INLET	SW5	CONCRETE SIDEWALK 5"
RECON	RECONSTRUCT INLET		CONCRETE PAVEMENT REPAIR
ADJ-W	ADJUSTING WATER VALVE BOXES		CONCRETE PAVEMENT REPLACEMENT

EROSION CONTROL LEGEND

- INLET PROTECTION
- A B C D INLET PROTECTION TYPE
- SURFACE WATER FLOW
- TOPSOIL, SOD, FERTILIZER TYPE B
- CURB RAMP GRADING, SHAPING, FINISHING

251+00 252+00 253+00 254+00 255+00 256+00 257+00

CP 1027

R/L STH 38

B REPAIR

D INL

HMA3

CG31

254+27.2, 53.9' RT
INLETS 2X2.5-FT
SALVAGED INLET COVERS
IE - 709.62
317

255+50.3, 53.9' RT
INLETS 2X2.5-FT
SALVAGED INLET COVERS
IE - 709.12
318

256+01.8, 53.9' RT
INLETS 2X2.5-FT
SALVAGED INLET COVERS
IE - 709.56
319

CONSTRUCTION LIMITS
132' LT

+70.10
102.28' LT

FOREST HILL AVE

+25.04
115.25' LT

ADJ-MH

R471

STA 262+36.47

STA 262+76.39

STA 262+64.88

STA 262+36.48

BSSW

STH 38

SECTION CORNER MONUMENT
ID 522070
Y= 246803.987
X= 605328.0042

PI: 261+55.31

258+00 259+00 260+00 261+00 262+00 263+00 264+00 265

R/L STH 38

SW5

STA 260+28.79

STA 260+21.78

STA 260+56.79

STA 260+61.87

R51

CP 1026

+76.44
107.06' RT

R32

+14.48
90.93' RT

MATCHLINE

323
264+25.2, 53.9' RT
INLETS 4-FT DIAMETER
SALVAGED INLET COVERS
IE - 708.91

CLEAN

CONSTRUCTION LIMITS
119' RT

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PLAN DETAILS	SHEET 71	E

CONTROL POINTS					
NO.	STATION	ELEV.	NORTHING	EASTING	DESCRIPTION
1025	268+71.63 RT	716.967	247519.568	605361.763	BERNSTEN FENO MON W/ALUM CAP
1024	277+48.15 LT	721.057	248399.041	605292.818	BERNSTEN FENO MON W/ALUM CAP

EROSION CONTROL LEGEND

- INLET PROTECTION
- A B C D — INLET PROTECTION TYPE
- SURFACE WATER FLOW
- TOPSOIL, SOD, FERTILIZER TYPE B
- CURB RAMP GRADING, SHAPING, FINISHING

LEGEND

ADJ	ADJUSTING INLET COVERS
ADJ-MH	ADJUSTING MANHOLE COVERS
INL-V	INLET COVERS TYPE V
INL-X	INLET COVERS TYPE X
INL-57	INLET COVERS SPECIAL TYPE 57
CLEAN	CLEAN INLET
REPAIR	REPAIR INLET
RECON	RECONSTRUCT INLET
ADJ-W	ADJUSTING WATER VALVE BOXES
BSSW	BUS STOP SPLIT WALK
MED2	CONCRETE MEDIAN SLOPED NOSE TYPE 2
MEDB	CONCRETE MEDIAN BLUNT NOSE
CG31	CURB & GUTTER 31-INCH
HMA3	3" HMA PAVEMENT
HMA3-S	3" HMA-S PAVEMENT
SW5	CONCRETE SIDEWALK 5"
	CONCRETE PAVEMENT REPAIR
	CONCRETE PAVEMENT REPLACEMENT

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PLAN DETAILS	SHEET 72 E

CONTROL POINTS					
NO.	STATION	ELEV.	NORTHING	EASTING	DESCRIPTION
1023	285+91.37 LT	723.730	249240.613	605354.663	BERNSTEN FENO MON W/ALUM CAP

MATCH LINE 279+50

MATCH LINE 286+55

MATCH LINE 286+55

MATCH LINE 294+00

EROSION CONTROL LEGEND

- INLET PROTECTION
- A B C D INLET PROTECTION TYPE
- SURFACE WATER FLOW
- TOPSOIL, SOD, FERTILIZER TYPE B
- CURB RAMP GRADING, SHAPING, FINISHING

LEGEND

- ADJ ADJUSTING INLET COVERS
- ADJ-MH ADJUSTING MANHOLE COVERS
- INL-V INLET COVERS TYPE V
- INL-X INLET COVERS TYPE X
- INL-57 INLET COVERS SPECIAL TYPE 57
- CLEAN CLEAN INLET
- REPAIR REPAIR INLET
- RECON RECONSTRUCT INLET
- ADJ-W ADJUSTING WATER VALVE BOXES
- BSSW BUS STOP SPLIT WALK
- MED2 CONCRETE MEDIAN SLOPED NOSE TYPE 2
- MEDB CONCRETE MEDIAN BLUNT NOSE
- CG31 CURB & GUTTER 31-INCH
- HMA3 3" HMA PAVEMENT
- HMA3-S 3" HMA-S PAVEMENT
- SW5 CONCRETE SIDEWALK 5"
- CONCRETE PAVEMENT REPAIR
- CONCRETE PAVEMENT REPLACEMENT

ADJ-MH

HMA3

CP 1023

280+00 281+00 282+00 283+00 284+00 285+00 286+00

R/L STH 38

R19'

+38.35
74.81' RT

+63.35
75.63' RT

ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES

ADA COMPLIANT

DREXEL AVE

PI: 288+00.13

SEE INTERSECTION DETAIL

287+00 288+00 289+00 290+00 291+00 292+00 293+00

SECTION CORNER MONUMENT
ID 522057
Y= 249447.192
X= 605420.462

Y = 249447.192
X = 605420.462

STH 38

REPAIR

+31.07
76.69' LT

+91.64
90.22' LT

R7'

R20'

R25'

R24'

+14.29
80.50' RT

+94.51
80.43' RT

ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PLAN DETAILS	SHEET 73	E

CONTROL POINTS					
NO.	STATION	ELEV.	NORTHING	EASTING	DESCRIPTION
1022	294+88.13 LT	728.587	250134.747	605445.297	BERNSTEN FENO MON W/ALUM CAP
1021	303+38.55 RT	729.375	250984.511	605478.665	BERNSTEN FENO MON W/ALUM CAP

MATCH LINE 294+00

MATCH LINE 301+25

MATCH LINE 301+25

MATCH LINE 308+50

CP 1022

CP 1021

R/L STH 38

R/L STH 38

STH 38

N2°03'44"E

HMA3

HMA3

HMA3

297+00.0, 54.0' RT
INLETS 4-FT DIAMETER
SALVAGED INLET COVERS
IE - 724.51
334

299+00.2, 54.2' RT
INLETS 2X2.5-FT
SALVAGED INLET COVERS
IE - 724.83
335

FIELDSTONE CIR

CURB RAMP IS ADA COMPLIANT

+43.11
80.18' RT

+29.38
80.05' RT

CONSTRUCTION LIMITS
84' RT

MANITOBA AVE

R165'

R63'

R24'

R24'

LEGEND

ADJ	ADJUSTING INLET COVERS
ADJ-MH	ADJUSTING MANHOLE COVERS
INL-V	INLET COVERS TYPE V
INL-X	INLET COVERS TYPE X
INL-57	INLET COVERS SPECIAL TYPE 57
CLEAN	CLEAN INLET
REPAIR	REPAIR INLET
RECON	RECONSTRUCT INLET
ADJ-W	ADJUSTING WATER VALVE BOXES
BSSW	BUS STOP SPLIT WALK
MED2	CONCRETE MEDIAN SLOPED NOSE TYPE 2
MEDB	CONCRETE MEDIAN BLUNT NOSE
CG31	CURB & GUTTER 31-INCH
HMA3	3" HMA PAVEMENT
HMA3-S	3" HMA-S PAVEMENT
SW5	CONCRETE SIDEWALK 5"
	CONCRETE PAVEMENT REPAIR
	CONCRETE PAVEMENT REPLACEMENT

EROSION CONTROL LEGEND

	INLET PROTECTION
A B C D	INLET PROTECTION TYPE
	SURFACE WATER FLOW
	TOPSOIL, SOD, FERTILIZER TYPE B
	CURB RAMP GRADING, SHAPING, FINISHING

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PLAN DETAILS	SHEET 74	E

2

CONTROL POINTS					
NO.	STATION	ELEV.	NORTHING	EASTING	DESCRIPTION
1020	311+52.65 RT	723.047	251980.098	605507.725	BERNSTEN FENO MON W/ALUM CAP
1019	320+67.95 LT	743.221	252713.066	605533.298	BERNSTEN FENO MON W/ALUM CAP

MATCH LINE 308+50

310+49.8, 54.0' LT
CATCH BASINS 4-FT DIAMETER
SALVAGED INLET COVERS
IE - 713.72
350

CG31 D REPAIR B HMA3

309+00 310+00 311+00 312+00 313+00 314+00 315+00

CP 1020

R/L STH 38

PI: 314+45.24

SECTION CORNER MONUMENT
ID 522044
Y= 252090.587
X= 605515.648

CG31 D CG31 D B B

346 310+00.0, 54.0' RT
INLETS 4-FT DIAMETER
SALVAGED INLET COVERS
IE - 717.86

310+50.0, 54.2' RT
INLETS 4-FT DIAMETER
SALVAGED INLET COVERS
IE - 717.76
347

MATCH LINE 315+75

LEGEND			
ADJ	ADJUSTING INLET COVERS	BSSW	BUS STOP SPLIT WALK
ADJ-MH	ADJUSTING MANHOLE COVERS	MED2	CONCRETE MEDIAN SLOPED NOSE TYPE 2
INL-V	INLET COVERS TYPE V	MEDB	CONCRETE MEDIAN BLUNT NOSE
INL-X	INLET COVERS TYPE X	CG31	CURB & GUTTER 31-INCH
INL-57	INLET COVERS SPECIAL TYPE 57	HMA3	3" HMA PAVEMENT
CLEAN	CLEAN INLET	HMA3-S	3" HMA-S PAVEMENT
REPAIR	REPAIR INLET	SW5	CONCRETE SIDEWALK 5"
RECON	RECONSTRUCT INLET		CONCRETE PAVEMENT REPAIR
ADJ-W	ADJUSTING WATER VALVE BOXES		CONCRETE PAVEMENT REPLACEMENT

EROSION CONTROL LEGEND	
	INLET PROTECTION
A B C D	INLET PROTECTION TYPE
	SURFACE WATER FLOW
	TOPSOIL, SOD, FERTILIZER TYPE B
	CURB RAMP GRADING, SHAPING, FINISHING

CONSTRUCTION LIMITS
94' LT

+80.58
-81.15' LT

+03.28
-80.06' LT

R24'

+96.39
-79.34' LT

MARQUETTE AVE

R23'

ADJ B

STA 319+04.39
STA 319+10.40
STA 319+38.40
STA 319+52.39

HMA3

STH 38

R9'

+11.10
-5.19' LT

R85'

316+00 317+00 318+00 319+00 320+00 321+00 322+00

CP 1019

D R/L STH 38 HMA3

B B B B

R39'

R26'

+157.40
87.43' RT

+69.38
91.85' RT

+88.30
104.68' RT

R38'

CONSTRUCTION LIMITS
112' RT

CONSTRUCTION LIMITS
99' RT

MAHN CT

MATCH LINE 315+75

MATCH LINE 323+00

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PLAN DETAILS	SHEET 75	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021201-PD.DWG
LAYOUT NAME - 14
PLOT DATE : 1/30/2026 1:52 PM PLOT BY : JESSICA LEWIS, PE PLOT NAME : PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 44

CONTROL POINTS					
NO.	STATION	ELEV.	NORTHING	EASTING	DESCRIPTION
1018	329+33.39 RT	741.141	253577.705	605571.505	BERNSTEN FENO MON W/ALUM CAP
1017	337+16.19 LT	721.797	254360.554	605583.419	BERNSTEN FENO MON W/ALUM CAP

MATCH LINE 323+00

MATCH LINE 330+25

MATCH LINE 330+25

MATCH LINE 337+50

N

B

D

HMA3

REPAIR

R/L STH 38

N1°57'13"E

CP 1018

CP 1017

STH 38

324+00

325+00

326+00

327+00

328+00

329+00

330+00

331+00

332+00

333+00

334+00

335+00

336+00

337+00

CG31

330+43.9, 54.3' RT
INLETS 2X2.5-FT
SALVAGED INLET COVERS
IE - 733.98

364

337+25.3, 59.4' RT
INLETS 2X2.5-FT
SALVAGED INLET COVERS
IE - 715.75

371

EROSION CONTROL LEGEND

- INLET PROTECTION
- A B C D INLET PROTECTION TYPE
- SURFACE WATER FLOW
- TOPSOIL, SOD, FERTILIZER TYPE B
- CURB RAMP GRADING, SHAPING, FINISHING

LEGEND

ADJ	ADJUSTING INLET COVERS
ADJ-MH	ADJUSTING MANHOLE COVERS
INL-V	INLET COVERS TYPE V
INL-X	INLET COVERS TYPE X
INL-57	INLET COVERS SPECIAL TYPE 57
CLEAN	CLEAN INLET
REPAIR	REPAIR INLET
RECON	RECONSTRUCT INLET
ADJ-W	ADJUSTING WATER VALVE BOXES
BSSW	BUS STOP SPLIT WALK
MED2	CONCRETE MEDIAN SLOPED NOSE TYPE 2
MEDB	CONCRETE MEDIAN BLUNT NOSE
CG31	CURB & GUTTER 31-INCH
HMA3	3" HMA PAVEMENT
HMA3-S	3" HMA-S PAVEMENT
SW5	CONCRETE SIDEWALK 5"
	CONCRETE PAVEMENT REPAIR
	CONCRETE PAVEMENT REPLACEMENT

2

MATCH LINE 337+50

RAWSON AVE

SEE INTERSECTION DETAIL

PI: 340+88.90

116+00

117+00

338+00 339+00 340+00 341+00 342+00 343+00 344+00

R/L STH 38

SECTION CORNER MONUMENT
ID 522031
Y= 254732.711
X= 605605.773

HMA3

RAWSON AVE

MATCH LINE 344+75

N

2

CONTROL POINTS					
NO.	STATION	ELEV.	NORTHING	EASTING	DESCRIPTION
1016	346+53.93 LT	722.396	255297.711	605616.788	BERNSTEN FENO MON W/ALUM CAP

MATCH LINE 344+75

STH 38

345+00 346+00 347+00 348+00 349+00 350+00 351+00 352

CP 1016

R/L STH 38

HMA3

INL-X

CG31

349+99.6, 55.0' LT
INLETS 2X2.5-FT
SALVAGED INLET COVERS
IE - 715.99

407

CLEAN

384

349+51.0, 56.5' RT
INLETS 4-FT DIAMETER
SALVAGED INLET COVERS
IE - 715.64

MATCH LINE 352+00

EROSION CONTROL LEGEND

- INLET PROTECTION
- A B C D INLET PROTECTION TYPE
- SURFACE WATER FLOW
- TOPSOIL, SOD, FERTILIZER TYPE B
- CURB RAMP GRADING, SHAPING, FINISHING

LEGEND

ADJ ADJUSTING INLET COVERS	BSSW BUS STOP SPLIT WALK
ADJ-MH ADJUSTING MANHOLE COVERS	MED2 CONCRETE MEDIAN SLOPED NOSE TYPE 2
INL-V INLET COVERS TYPE V	MEDB CONCRETE MEDIAN BLUNT NOSE
INL-X INLET COVERS TYPE X	CG31 CURB & GUTTER 31-INCH
INL-57 INLET COVERS SPECIAL TYPE 57	HMA3 3" HMA PAVEMENT
CLEAN CLEAN INLET	HMA3-S 3" HMA-S PAVEMENT
REPAIR REPAIR INLET	SW5 CONCRETE SIDEWALK 5"
ADJ-W ADJUSTING WATER VALVE BOXES	CONCRETE PAVEMENT REPAIR
	CONCRETE PAVEMENT REPLACEMENT

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PLAN DETAILS	SHEET 77	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021201-PD.DWG
LAYOUT NAME - 16
PLOT DATE : 5/20/2026 7:48 AM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 44

CONTROL POINTS					
NO.	STATION	ELEV.	NORTHING	EASTING	DESCRIPTION
1015	353+83.73 LT	723.744	256027.044	605643.110	BERNSTEN FENO MON W/ALUM CAP
1014	361+61.74 LT	728.595	256804.426	605674.529	BERNSTEN FENO MON W/ALUM CAP

MATCH LINE 352+00

352+99.9, 54.0' LT
INLETS 2X2.5-FT
SALVAGED INLET COVERS
IE - 718.69
406

352+25.0, 54.4' RT
INLETS 4-FT DIAMETER
SALVAGED INLET COVERS
IE - 717.03
386

CP 1015

CP 1014

R/L STH 38

N2°03'52"E

STH 38

WETLAND LIMITS

ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES

+36.77
101.00' RT

+25.89
101.61' RT

+92.37
-88.65' LT

+94.37
65.72' RT

+94.29
74.92' RT

+86.07
74.20' RT

R45'

R46'

R67'

R102'

R19'

R20'

MATCH LINE 359+25

MATCH LINE 366+50

LEGEND

ADJ	ADJUSTING INLET COVERS
ADJ-MH	ADJUSTING MANHOLE COVERS
INL-V	INLET COVERS TYPE V
INL-X	INLET COVERS TYPE X
INL-57	INLET COVERS SPECIAL TYPE 57
CLEAN	CLEAN INLET
REPAIR	REPAIR INLET
RECON	RECONSTRUCT INLET
ADJ-W	ADJUSTING WATER VALVE BOXES
BSSW	BUS STOP SPLIT WALK
MED2	CONCRETE MEDIAN SLOPED NOSE TYPE 2
MEDB	CONCRETE MEDIAN BLUNT NOSE
CG31	CURB & GUTTER 31-INCH
HMA3	3" HMA PAVEMENT
HMA3-S	3" HMA-S PAVEMENT
SW5	CONCRETE SIDEWALK 5"
	CONCRETE PAVEMENT REPAIR
	CONCRETE PAVEMENT REPLACEMENT

EROSION CONTROL LEGEND

- INLET PROTECTION
- A B C D INLET PROTECTION TYPE
- SURFACE WATER FLOW
- TOPSOIL, SOD, FERTILIZER TYPE B
- CURB RAMP GRADING, SHAPING, FINISHING

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PLAN DETAILS	SHEET 78	E

CONTROL POINTS					
NO.	STATION	ELEV.	NORTHING	EASTING	DESCRIPTION
1013	369+94.02 LT	718.001	257634.039	605704.960	BERNSTEN FENO MON W/ALUM CAP
1012	380+06.95 LT	725.783	258648.200	605747.463	BERNSTEN FENO MON W/ALUM CAP

MATCH LINE 366+50

PI: 367+34.09

SECTION CORNER MONUMENT
ID 522018
Y= 257376.191
X= 605701.057

ADJ
+62
-41.54' LT
R63'
R53'
+58.54
50.34' RT
+76.29
79.84' RT
R33'
R27'
+69.77
75.81' RT
OAK ST
CONSTRUCTION LIMITS
79' RT

CLEAN
HMA3
CP 1013
R/L STH 38
390
372+25.1, 47.2' RT
INLETS 4-FT DIAMETER
SALVAGED INLET COVERS
IE - 709.03
CG31
REPAIR
WETLAND LIMITS

MATCH LINE 373+75

CONSTRUCTION LIMITS
74' LT
+82.97
-72.62' LT
+75.88
-72.08' LT
R24'
R23'
WETLAND LIMITS

MATCH LINE 373+75

STH 38
N2°13'02"E
CP 1012
R/L STH 38
HMA3
ADJ
R24'
R26'
+87.74
74.29' RT
+74.60
73.24' RT
CONSTRUCTION LIMITS
75' RT
WETLAND LIMITS
JEWELL ST

MATCH LINE 381+00

EROSION CONTROL LEGEND

- INLET PROTECTION
- A B C D INLET PROTECTION TYPE
- SURFACE WATER FLOW
- TOPSOIL, SOD, FERTILIZER TYPE B
- CURB RAMP GRADING, SHAPING, FINISHING

LEGEND

ADJ	ADJUSTING INLET COVERS
ADJ-MH	ADJUSTING MANHOLE COVERS
INL-V	INLET COVERS TYPE V
INL-X	INLET COVERS TYPE X
INL-57	INLET COVERS SPECIAL TYPE 57
CLEAN	CLEAN INLET
REPAIR	REPAIR INLET
RECON	RECONSTRUCT INLET
ADJ-W	ADJUSTING WATER VALVE BOXES
BSSW	BUS STOP SPLIT WALK
MED2	CONCRETE MEDIAN SLOPED NOSE TYPE 2
MEDB	CONCRETE MEDIAN BLUNT NOSE
CG31	CURB & GUTTER 31-INCH
HMA3	3" HMA PAVEMENT
HMA3-S	3" HMA-S PAVEMENT
SW5	CONCRETE SIDEWALK 5"
	CONCRETE PAVEMENT REPAIR
	CONCRETE PAVEMENT REPLACEMENT

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PLAN DETAILS	SHEET 79 E

CONTROL POINTS					
NO.	STATION	ELEV.	NORTHING	EASTING	DESCRIPTION
1011	388+22.55 RT	742.107	259462.948	605785.245	BERNSTEN FENO MON W/ALUM CAP
1010	394+84.62 LT	730.979	260129.794	605778.203	BERNSTEN FENO MON W/ALUM CAP

MATCH LINE 381+00

MATCH LINE 388+25

PI: 385+05.37

R/L STH 38

N2°13'11"E

HMA3

CLEAN

REPAIR

LEGEND

ADJ	ADJUSTING INLET COVERS
ADJ-MH	ADJUSTING MANHOLE COVERS
INL-V	INLET COVERS TYPE V
INL-X	INLET COVERS TYPE X
INL-57	INLET COVERS SPECIAL TYPE 57
CLEAN	CLEAN INLET
REPAIR	REPAIR INLET
RECON	RECONSTRUCT INLET
ADJ-W	ADJUSTING WATER VALVE BOXES
BSSW	BUS STOP SPLIT WALK
MED2	CONCRETE MEDIAN SLOPED NOSE TYPE 2
MEDB	CONCRETE MEDIAN BLUNT NOSE
CG31	CURB & GUTTER 31-INCH
HMA3	3" HMA PAVEMENT
HMA3-S	3" HMA-S PAVEMENT
SW5	CONCRETE SIDEWALK 5"
	CONCRETE PAVEMENT REPAIR
	CONCRETE PAVEMENT REPLACEMENT

EROSION CONTROL LEGEND

- INLET PROTECTION
- A B C D INLET PROTECTION TYPE
- SURFACE WATER FLOW
- TOPSOIL, SOD, FERTILIZER TYPE B
- CURB RAMP GRADING, SHAPING, FINISHING

PC: 388+50.84

PT: 390+72.54

STH 38

CP 1011

PI STA = 389+61.75
Y = 259602.176
X = 605787.263
DELTA = 4°27'21" RT
D = 2°00'35"
T = 110.91'
L = 221.71'
R = 2850.79'
PC STA = 388+50.84
Y = 259491.350
X = 605782.967
PT STA = 390+72.54
Y = 259712.334
X = 605800.156
DB = N02°13'11"E
DA = N06°40'33"E

SECTION CORNER MONUMENT
ID 522005
Y= 260030.740
X= 605803.964

CP 1010

ADJUST CUC MH COVER

SEE INTERSECTION DETAIL

N6°40'33"E

SECTION CORNER MONUMENT
ID 622161
Y= 260030.280
X= 605866.236

COLLEGE AVE

CEMETERY

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PLAN DETAILS	SHEET 80	E

CONTROL POINTS					
NO.	STATION	ELEV.	NORTHING	EASTING	DESCRIPTION
1009	404+47.99 RT	720.556	261081.976	605866.659	BERNSTEN FENO MON W/ALUM CAP

MATCH LINE 395+50

PC: 397+07.81

396+00 397+00 398+00 399+00 400+00 401+00 402+00

R/L STH 38

ADJUST CUC MH COVER

STA 396+52.01
STA 396+47.02
STA 396+80.32
STA 396+85.34

+48.14
-68.66' LT

PRC: 402+52.41

R20'

+32.52
-29.65' LT

R20'

MATCH LINE 402+75

PI STA = 399+81.38
Y = 260615.010
X = 605905.809
DELTA = 13°31'56" LT
D = 2°29'05"
T = 273.57'
L = 544.60'
R = 2305.83'
PC STA = 397+07.81
Y = 260343.294
X = 605874.006
PT STA = 402+52.41
Y = 260886.625
X = 605873.149
DB = N06°40'33"E
DA = N06°51'23"W

LEGEND

ADJ	ADJUSTING INLET COVERS
ADJ-MH	ADJUSTING MANHOLE COVERS
INL-V	INLET COVERS TYPE V
INL-X	INLET COVERS TYPE X
INL-57	INLET COVERS SPECIAL TYPE 57
CLEAN	CLEAN INLET
REPAIR	REPAIR INLET
RECON	RECONSTRUCT INLET
ADJ-W	ADJUSTING WATER VALVE BOXES
BSSW	BUS STOP SPLIT WALK
MED2	CONCRETE MEDIAN SLOPED NOSE TYPE 2
MEDB	CONCRETE MEDIAN BLUNT NOSE
CG31	CURB & GUTTER 31-INCH
HMA3	3" HMA PAVEMENT
HMA3-S	3" HMA-S PAVEMENT
SW5	CONCRETE SIDEWALK 5"
	CONCRETE PAVEMENT REPAIR
	CONCRETE PAVEMENT REPLACEMENT

EROSION CONTROL LEGEND

- INLET PROTECTION
- A B C D — INLET PROTECTION TYPE
- SURFACE WATER FLOW
- TOPSOIL, SOD, FERTILIZER TYPE B
- CURB RAMP GRADING, SHAPING, FINISHING

UNCAS AVE

CONSTRUCTION LIMITS
76' LT

+19.53
-68.04' LT

STA 403+88.36
STA 403+81.51
STA 403+53.97

R19'

MATCH LINE 402+75

PT: 406+25.57

403+00 404+00 405+00 406+00 407+00 408+00 409+00

CP 1009

R/L STH 38

STH 38

N0°38'36"E

R156'

PI STA = 404+39.26
Y = 261072.138
X = 605850.842
DELTA = 7°30'00" RT
D = 2°00'35"
T = 186.85'
L = 373.17'
R = 2850.79'
PC STA = 402+52.41
Y = 260886.625
X = 605873.149
PT STA = 406+25.57
Y = 261258.976
X = 605852.941
DB = N06°51'23"W
DA = N00°38'36"E

+77.75
-66.77' LT

R19'

R24'

+74.66
-10.56' LT

+72.90
12.26' RT

R13'

MATCH LINE 410+00

CEMETERY

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PLAN DETAILS	SHEET 81	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021201-PD.DWG
LAYOUT NAME - 20
PLOT DATE : 2/4/2026 9:00 AM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 44

CONTROL POINTS					
NO.	STATION	ELEV.	NORTHING	EASTING	DESCRIPTION
1008	413+71.22 LT	701.944	262009.950	605783.806	BERNSTEN FENO MON W/ALUM CAP
1007	423+54.26 RT	696.632	262978.824	605970.803	BERNSTEN FENO MON W/ALUM CAP

CONSTRUCTION LIMITS
77' LT

+61.20
68.39' LT

PC: 410+61.85

PI STA = 412+96.94
Y = 261930.303
X = 605860.480
DELTA = 4°42'39" RT
D = 1°00'09"
T = 235.09'
L = 469.92'
R = 5715.58'
PC STA = 410+61.85
Y = 261695.225
X = 605857.840
PT STA = 415+31.77
Y = 262164.370
X = 605882.417
DB = N00°38'36"E
DA = N05°21'15"E

PT: 415+31.77

+93.98
58.37' RT

+02.71
63.59' RT

CONSTRUCTION LIMITS
68' RT

SECTION CORNER MONUMENT
ID 622148
Y= 262681.742
X= 605895.682

B-40-0296
NO WORK

R/L STH 38

STH 38

N5°21'15"E

CP 1008

CP 1007

BODEN ST

E HENRY AVE

MATCH LINE 410+00

MATCH LINE 417+25

MATCH LINE 417+25

MATCH LINE 424+50

411+00 412+00 413+00 414+00 415+00 416+00 417+00

418+00 419+00 420+00 421+00 422+00 423+00 424+00

EROSION CONTROL LEGEND

- INLET PROTECTION
- A B C D INLET PROTECTION TYPE
- SURFACE WATER FLOW
- TOPSOIL, SOD, FERTILIZER TYPE B
- CURB RAMP GRADING, SHAPING, FINISHING

LEGEND

ADJ	ADJUSTING INLET COVERS	BSSW	BUS STOP SPLIT WALK
ADJ-MH	ADJUSTING MANHOLE COVERS	MED2	CONCRETE MEDIAN SLOPED NOSE TYPE 2
INL-V	INLET COVERS TYPE V	MEDB	CONCRETE MEDIAN BLUNT NOSE
INL-X	INLET COVERS TYPE X	CG31	CURB & GUTTER 31-INCH
INL-57	INLET COVERS SPECIAL TYPE 57	HMA3	3" HMA PAVEMENT
CLEAN	CLEAN INLET	HMA3-S	3" HMA-S PAVEMENT
REPAIR	REPAIR INLET	SW5	CONCRETE SIDEWALK 5"
RECON	RECONSTRUCT INLET		CONCRETE PAVEMENT REPAIR
ADJ-W	ADJUSTING WATER VALVE BOXES		CONCRETE PAVEMENT REPLACEMENT

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PLAN DETAILS	SHEET 82 E

CONTROL POINTS					
NO.	STATION	ELEV.	NORTHING	EASTING	DESCRIPTION
1006	429+59.37 LT	686.708	263586.378	606003.598	BERNSTEN FENO MON W/ALUM CAP

NOTE:
STA 431+00 TO STA 439+30 CLEANING AND SEALING CRACKS AND JOINTS WITH HOT-APPLIED SEALANT EXACT LOCATIONS TO BE DETERMINED IN THE FIELD BY THE ENGINEER .

MATCH LINE 424+50

B-40-0776
NO WORK

CG31

STA 425+50.42

STA 425+75.42

ADJ-MH

HMA3

PC: 428+15.15

425+00

426+00

427+00

428+00

429+00

CP 1006

430+00

431+00

STA 431+01
END RESURFACING

R/L STH 38

HMA3

PI STA = 429+42.47
Y = 263568.912
X = 606014.052
DELTA = 5°03'53" LT
D = 1°59'25"
T = 127.32'
L = 254.47'
R = 2878.79'
PC STA = 428+15.15
Y = 263442.148
X = 606002.171
PT STA = 430+69.62
Y = 263696.230
X = 606014.695
DB = N05°21'15"E
DA = N00°17'22"E

PT: 430+69.62

MATCH LINE 431+75

RIPRAP

AIRPORT RUNWAY

N00°17'22"E

MATCH LINE 431+75

RIPRAP

432+00

433+00

434+00

435+00

436+00

437+00

438+00

R/L STH 38

B-40-0282
NO WORK

AIRPORT RUNWAY

MATCH LINE 439+00

LEGEND

ADJ	ADJUSTING INLET COVERS	BSSW	BUS STOP SPLIT WALK
ADJ-MH	ADJUSTING MANHOLE COVERS	MED2	CONCRETE MEDIAN SLOPED NOSE TYPE 2
INL-V	INLET COVERS TYPE V	MEDB	CONCRETE MEDIAN BLUNT NOSE
INL-X	INLET COVERS TYPE X	CG31	CURB & GUTTER 31-INCH
INL-57	INLET COVERS SPECIAL TYPE 57	HMA3	3" HMA PAVEMENT
CLEAN	CLEAN INLET	HMA3-S	3" HMA-S PAVEMENT
REPAIR	REPAIR INLET	SW5	CONCRETE SIDEWALK 5"
RECON	RECONSTRUCT INLET		CONCRETE PAVEMENT REPAIR
ADJ-W	ADJUSTING WATER VALVE BOXES		CONCRETE PAVEMENT REPLACEMENT

EROSION CONTROL LEGEND

- INLET PROTECTION
- A B C D — INLET PROTECTION TYPE
- SURFACE WATER FLOW
- TOPSOIL, SOD, FERTILIZER TYPE B
- CURB RAMP GRADING, SHAPING, FINISHING

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PLAN DETAILS	SHEET 83	E

CONTROL POINTS					
NO.	STATION	ELEV.	NORTHING	EASTING	DESCRIPTION
1005	441+01.39 LT	679.439	264727.067	606005.101	BERNSTEN FENO MON W/ALUM CAP
1004	445+35.55 RT	685.337	265156.266	605945.775	BERNSTEN FENO MON W/ALUM CAP

MATCH LINE 439+00

ADJUST CUC MH COVER

SW5

PC: 439+46.46

STA 439+31
BEGIN RESURFACING

STH 38

CP 1005

ADJ-MH

B

PI STA = 441+21.18
Y = 264747.773
X = 606020.007
DELTA = 13°46'30" LT
D = 3°57'41"
T = 174.71'
L = 347.74'
R = 1446.39'
PC STA = 439+46.46
Y = 264573.062
X = 606019.125
PT STA = 442+94.21
Y = 264917.669
X = 605979.264
DB = N00°17'22"E
DA = N13°29'08"W

NOTE:
STA 431+00 TO STA 439+30 CLEANING AND SEALING CRACKS AND JOINTS WITH HOT-APPLIED SEALANT EXACT LOCATIONS TO BE DETERMINED IN THE FIELD BY THE ENGINEER .

STA 441+66 TO STA 442+93
DITCHING AND SHAPING
RESTORE WITH TOPSOIL, FERTILIZER TYPE B,
EROSION MAT URBAN TYPE CLASS I TYPE A,
AND SEEDING MIXTURE NO. 20

PT: 442+94.21

HMA3

R/L STH 38

N13°29'08"W

RIPRAP MEDIUM,
GEOTEXTILE FABRIC TYPE HR,
REMOVE RIPRAP & REGRADE RIPRAP CHANNEL

PC: 444+38.92

ADJUST CUC MH COVER

CP 1004

PI STA = 445+97.45
Y = 265212.548
X = 605908.548
DELTA = 13°40'36" RT
D = 4°20'03"
T = 158.53'
L = 315.56'
R = 1321.96'
PC STA = 444+38.92
Y = 265058.388
X = 605945.517
PT STA = 447+54.47
Y = 265371.079
X = 605909.076
DB = N13°29'08"W
DA = N00°11'28"E

BSFW

MATCH LINE 446+25

B-40-0525
NO WORK

MATCH LINE 446+25

SECTION CORNER MONUMENT
ID 622135
Y= 265325.458
X= 605908.958

STA 447+71.68
STA 447+62.30
STA 447+29.64
STA 447+34.95
BSSW

R44'

PT: 447+54.47

ADJ-W

CG31

CONSTRUCTION LIMITS
76' RT

CONSTRUCTION LIMITS
83' RT

ON RAMP

AIR CARGO WAY

RAMP IS ADA COMPLIANT

RAMP IS ADA COMPLIANT

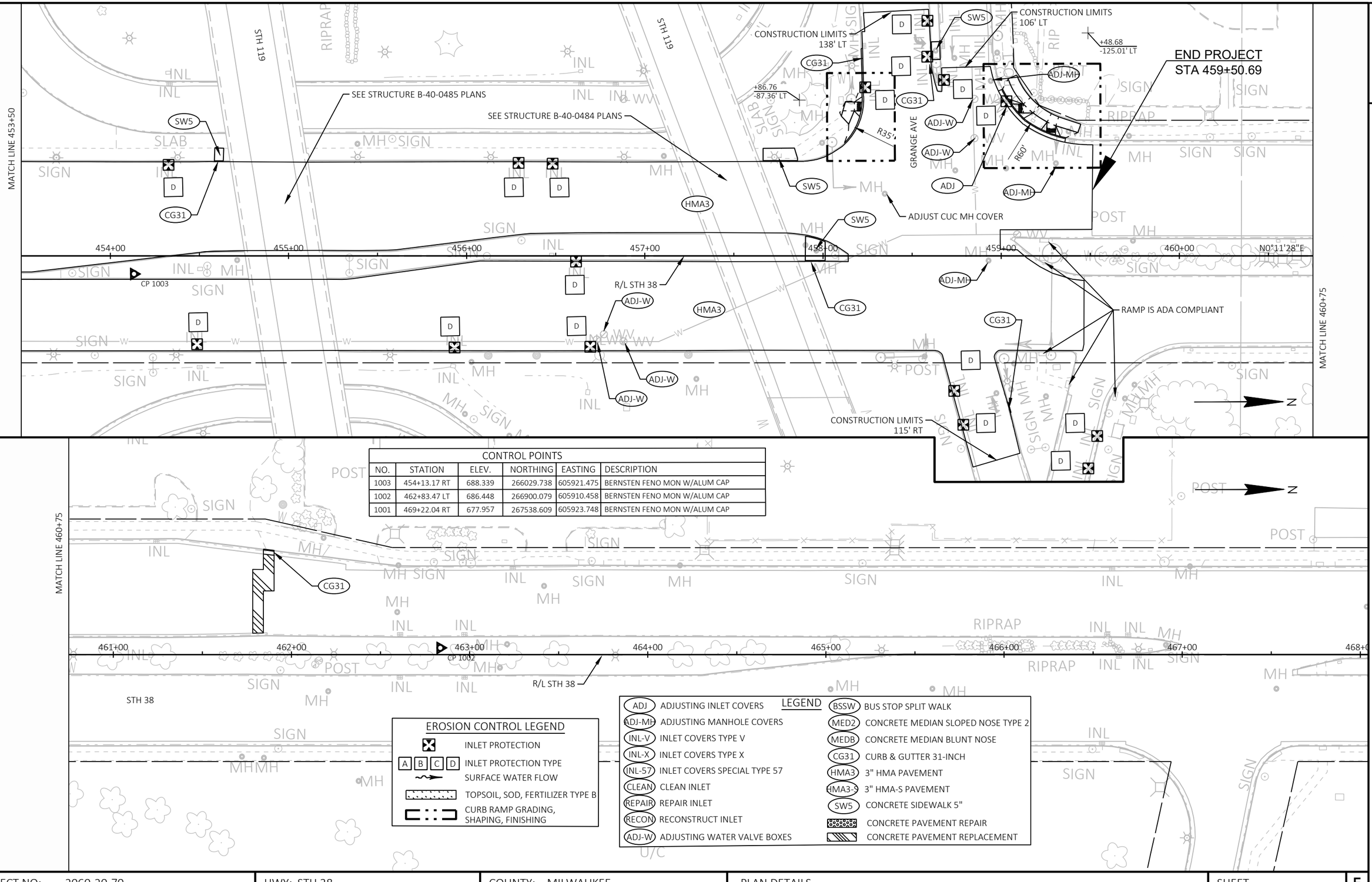
MATCH LINE 453+50

EROSION CONTROL LEGEND

- INLET PROTECTION
- A B C D — INLET PROTECTION TYPE
- SURFACE WATER FLOW
- TOPSOIL, SOD, FERTILIZER TYPE B
- CURB RAMP GRADING, SHAPING, FINISHING

LEGEND

ADJ	ADJUSTING INLET COVERS
ADJ-MH	ADJUSTING MANHOLE COVERS
INL-V	INLET COVERS TYPE V
INL-X	INLET COVERS TYPE X
INL-57	INLET COVERS SPECIAL TYPE 57
CLEAN	CLEAN INLET
REPAIR	REPAIR INLET
ADJ-W	ADJUSTING WATER VALVE BOXES
BSSW	BUS STOP SPLIT WALK
MED2	CONCRETE MEDIAN SLOPED NOSE TYPE 2
MEDB	CONCRETE MEDIAN BLUNT NOSE
CG31	CURB & GUTTER 31-INCH
HMA3	3" HMA PAVEMENT
HMA3-S	3" HMA-S PAVEMENT
SW5	CONCRETE SIDEWALK 5"
	CONCRETE PAVEMENT REPAIR
	CONCRETE PAVEMENT REPLACEMENT



CONTROL POINTS					
NO.	STATION	ELEV.	NORTHING	EASTING	DESCRIPTION
1003	454+13.17 RT	688.339	266029.738	605921.475	BERNSTEN FENO MON W/ALUM CAP
1002	462+83.47 LT	686.448	266900.079	605910.458	BERNSTEN FENO MON W/ALUM CAP
1001	469+22.04 RT	677.957	267538.609	605923.748	BERNSTEN FENO MON W/ALUM CAP

EROSION CONTROL LEGEND

- INLET PROTECTION
- A B C D — INLET PROTECTION TYPE
- SURFACE WATER FLOW
- TOPSOIL, SOD, FERTILIZER TYPE B
- CURB RAMP GRADING, SHAPING, FINISHING

LEGEND

ADJ	ADJUSTING INLET COVERS	BSSW	BUS STOP SPLIT WALK
ADJ-MH	ADJUSTING MANHOLE COVERS	MED2	CONCRETE MEDIAN SLOPED NOSE TYPE 2
INL-V	INLET COVERS TYPE V	MEDB	CONCRETE MEDIAN BLUNT NOSE
INL-X	INLET COVERS TYPE X	CG31	CURB & GUTTER 31-INCH
INL-57	INLET COVERS SPECIAL TYPE 57	HMA3	3" HMA PAVEMENT
CLEAN	CLEAN INLET	HMA3-S	3" HMA-S PAVEMENT
REPAIR	REPAIR INLET	SW5	CONCRETE SIDEWALK 5"
RECON	RECONSTRUCT INLET		CONCRETE PAVEMENT REPAIR
ADJ-W	ADJUSTING WATER VALVE BOXES		CONCRETE PAVEMENT REPLACEMENT

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PLAN DETAILS	SHEET 85	E

OAKWOOD-SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
003	128+73.02	115.61' LT	712.83	233528.01	604828.99
004	128+67.15	117.20' LT	1425.59	233522.15	604827.36
005	128+62.58	102.39' LT	713.41	233517.49	604842.14
006	128+62.59	68.44' LT	712.17	233517.29	604876.10
007	128+78.58	121.82' LT	712.73	233533.61	604822.81
008	128+26.41	55.58' LT	713.77	233481.03	604888.73
009	128+52.62	61.52' LT	713.23	233507.28	604882.95
010	128+59.49	65.79' LT	712.80	233514.17	604878.72
011	128+63.09	68.88' LT	712.05	233517.80	604875.66
012	128+69.09	75.72' LT	712.02	233523.84	604868.86
013	128+63.09	79.29' LT	712.14	233517.86	604865.24
014	128+69.09	79.29' LT	712.05	233523.86	604865.28
015	128+63.09	85.29' LT	712.23	233517.89	604859.24
016	128+69.09	85.29' LT	712.14	233523.89	604859.28
017	128+72.09	80.41' LT	712.36	233526.86	604864.18
018	128+77.06	93.26' LT	712.24	233531.91	604851.37
019	128+77.65	96.25' LT	711.84	233532.52	604848.38
020	128+78.26	102.24' LT	711.92	233533.17	604842.39
021	128+77.70	102.25' LT	711.92	233532.61	604842.38
022	128+69.08	96.32' LT	712.44	233523.96	604848.25

OAKWOOD-SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
023	128+69.08	102.32' LT	712.53	233523.99	604842.25
024	128+63.08	96.31' LT	712.53	233517.96	604848.23
025	128+63.08	102.32' LT	712.62	233517.99	604842.22
026	128+66.20	112.42' LT	712.79	233521.17	604832.14
027	128+71.60	110.81' LT	712.68	233526.56	604833.77
028	128+78.34	106.24' LT	712.48	233533.28	604838.39
029	128+78.40	110.45' LT	712.55	233533.37	604834.18
030	128+67.67	117.19' LT	712.97	233522.67	604827.37
031	128+73.45	117.08' LT	712.83	233528.46	604827.52
032	128+75.84	88.92' LT	712.22	233530.67	604855.69

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

LEGEND

- (X) CURB RAMP TYPE
- (PED) CONCRETE CURB PEDESTRIAN
- (SOD) RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- (SW5) CONCRETE SIDEWALK 5-INCH
- (ASPH) ASPHALTIC SURFACE SAFETY ISLANDS
- (L) LANDING
- (UNT) UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- (PT) CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
- (XXXX YYY.YY) POINT NUMBER & ELEVATION
- GRADE BREAKLINE
- PEDESTRIAN PUSH BUTTON
- DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
- (CG19) CONCRETE CURB & GUTTER 19-INCH
- (CG30G) CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
- (CG30R) CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
- (CG36) CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- (CG31) CONCRETE CURB & GUTTER 31-INCH
- (CA) CONCRETE CURB TYPE A

NOTES:

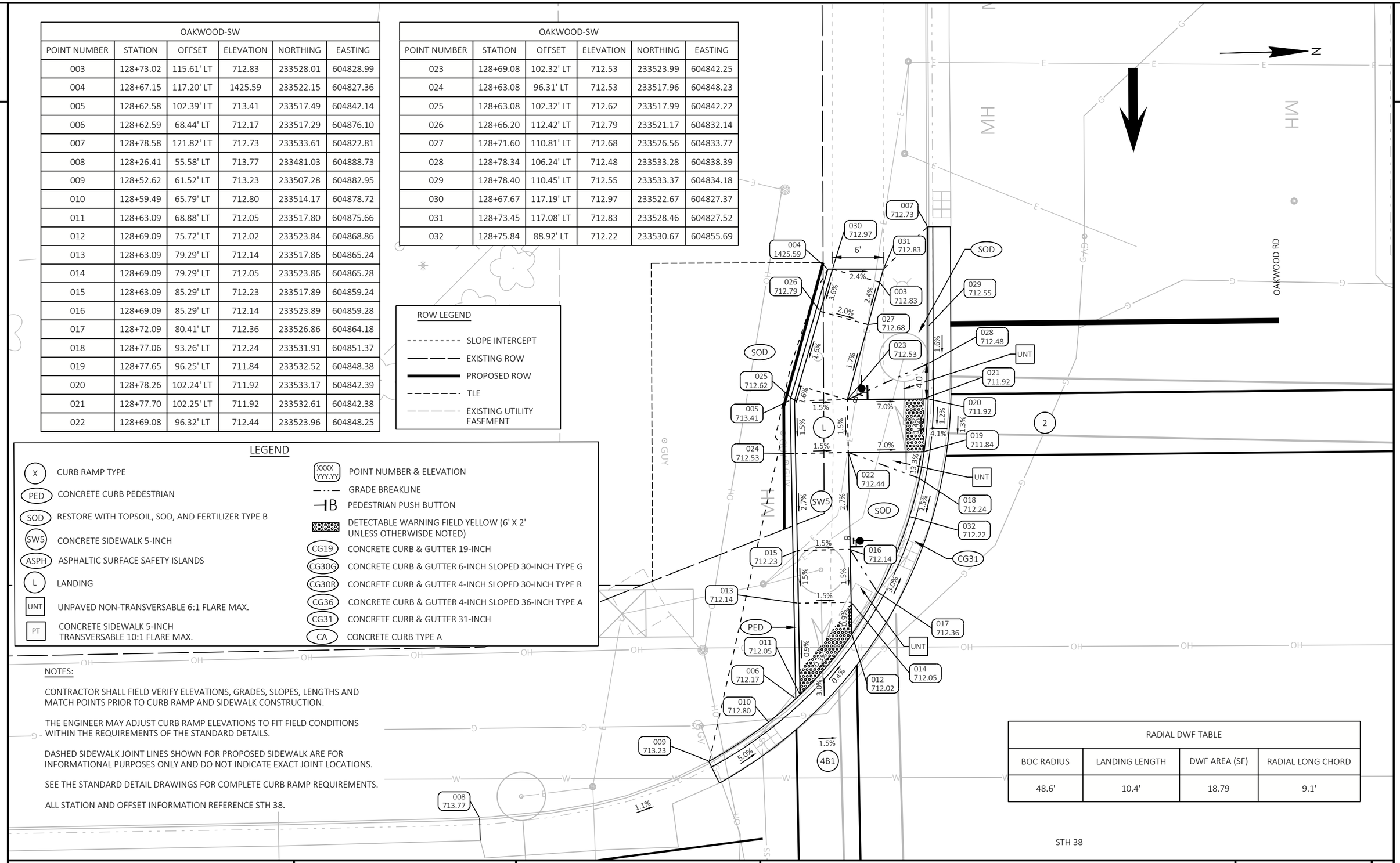
CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

THE ENGINEER MAY ADJUST CURB RAMP ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE REQUIREMENTS OF THE STANDARD DETAILS.

DASHED SIDEWALK JOINT LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATIONAL PURPOSES ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.

SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

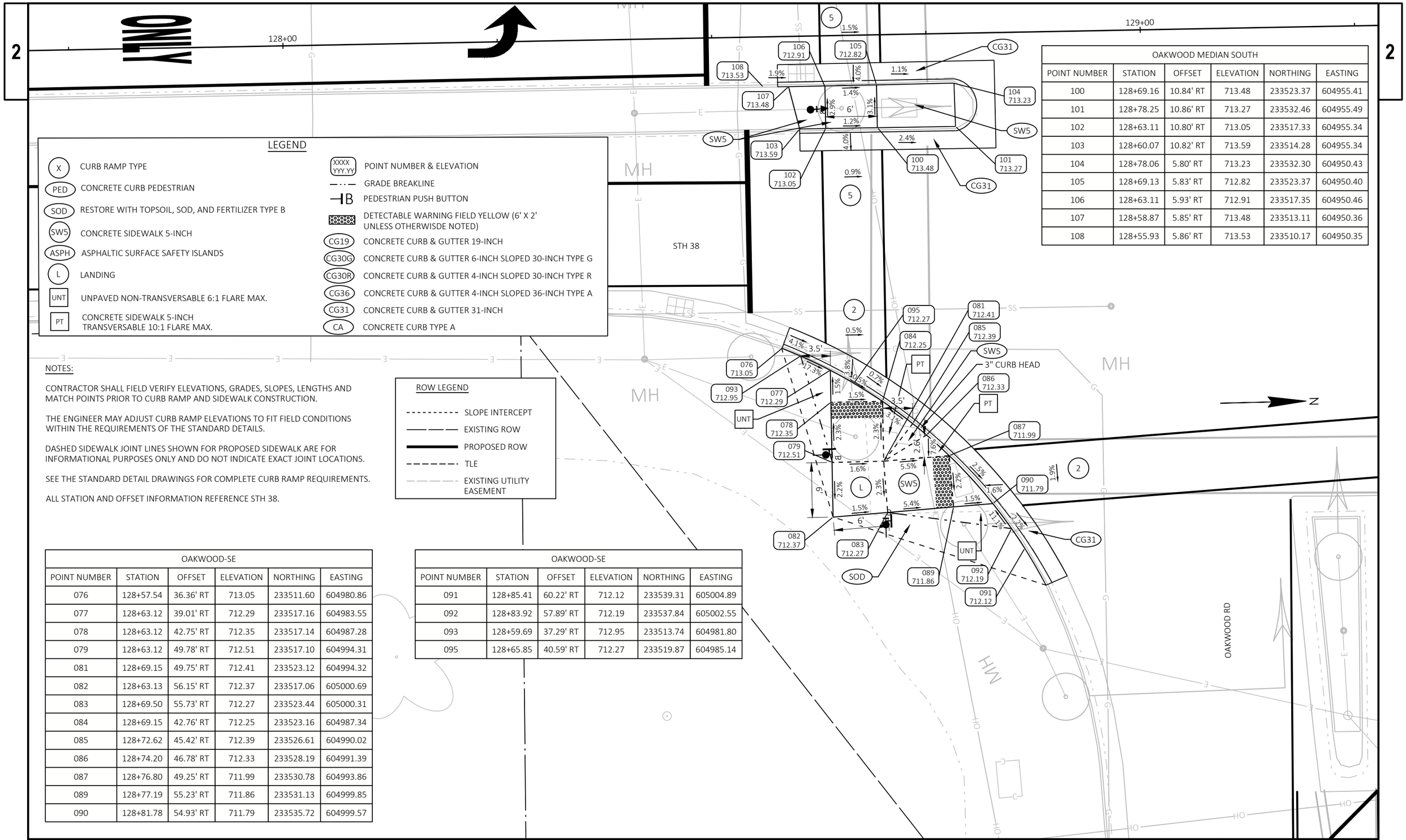
ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.



RADIAL DWF TABLE			
BOC RADIUS	LANDING LENGTH	DWF AREA (SF)	RADIAL LONG CHORD
48.6'	10.4'	18.79	9.1'

STH 38

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - OAKWOOD RD SW	SHEET 86	E



OAKWOOD MEDIAN SOUTH					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
100	128+69.16	10.84' RT	713.48	233523.37	604955.41
101	128+78.25	10.86' RT	713.27	233532.46	604955.49
102	128+63.11	10.80' RT	713.05	233517.33	604955.34
103	128+60.07	10.82' RT	713.59	233514.28	604955.34
104	128+78.06	5.80' RT	713.23	233532.30	604950.43
105	128+69.13	5.83' RT	712.82	233523.37	604950.40
106	128+63.11	5.93' RT	712.91	233517.35	604950.46
107	128+58.87	5.85' RT	713.48	233513.11	604950.36
108	128+55.93	5.86' RT	713.53	233510.17	604950.35

LEGEND

- X — CURB RAMP TYPE
- PED — CONCRETE CURB PEDESTRIAN
- SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- SW5 — CONCRETE SIDEWALK 5-INCH
- ASPH — ASPHALTIC SURFACE SAFETY ISLANDS
- L — LANDING
- UNT — UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- PT — CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
- XXXX YYY.YY — POINT NUMBER & ELEVATION
- GRADE BREAKLINE
- PEDESTRIAN PUSH BUTTON
- DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
- CG19 — CONCRETE CURB & GUTTER 19-INCH
- CG30G — CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
- CG30R — CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
- CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- CG31 — CONCRETE CURB & GUTTER 31-INCH
- CA — CONCRETE CURB TYPE A

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

THE ENGINEER MAY ADJUST CURB RAMP ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE REQUIREMENTS OF THE STANDARD DETAILS.

DASHED SIDEWALK JOINT LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATIONAL PURPOSES ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.

SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

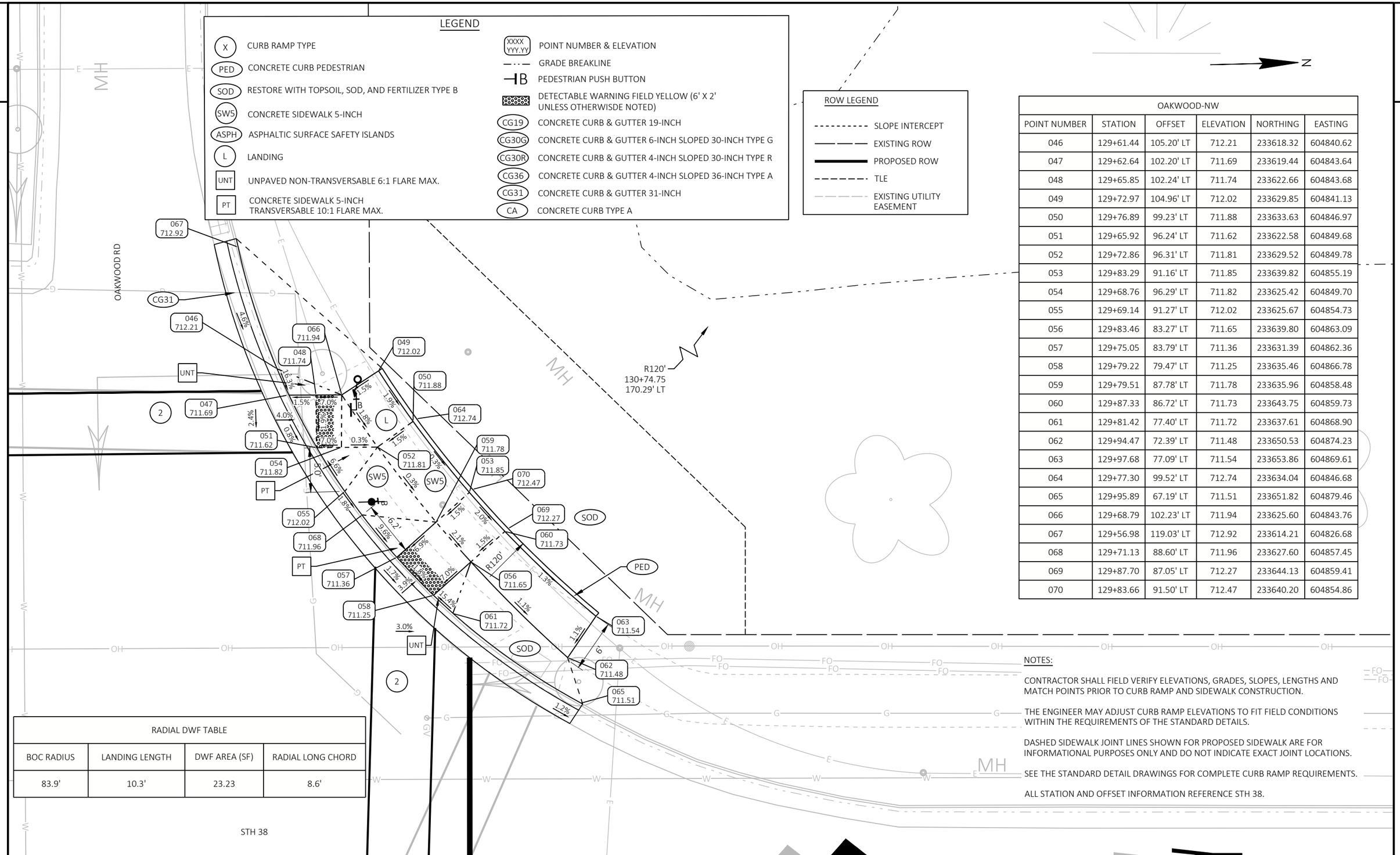
ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

OAKWOOD-SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
076	128+57.54	36.36' RT	713.05	233511.60	604980.86
077	128+63.12	39.01' RT	712.29	233517.16	604983.55
078	128+63.12	42.75' RT	712.35	233517.14	604987.28
079	128+63.12	49.78' RT	712.51	233517.10	604994.31
081	128+69.15	49.75' RT	712.41	233523.12	604994.32
082	128+63.13	56.15' RT	712.37	233517.06	605000.69
083	128+69.50	55.73' RT	712.27	233523.44	605000.31
084	128+69.15	42.76' RT	712.25	233523.16	604987.34
085	128+72.62	45.42' RT	712.39	233526.61	604990.02
086	128+74.20	46.78' RT	712.33	233528.19	604991.39
087	128+76.80	49.25' RT	711.99	233530.78	604993.86
089	128+77.19	55.23' RT	711.86	233531.13	604999.85
090	128+81.78	54.93' RT	711.79	233535.72	604999.57

OAKWOOD-SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
091	128+85.41	60.22' RT	712.12	233539.31	605004.89
092	128+83.92	57.89' RT	712.19	233537.84	605002.55
093	128+59.69	37.29' RT	712.95	233513.74	604981.80
095	128+65.85	40.59' RT	712.27	233519.87	604985.14

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - OAKWOOD RD SE & S MEDIAN ISLAND	SHEET 87	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021301-CR_OAKWOODRD.DWG
LAYOUT NAME - 02
PLOT DATE : 7/15/2026 2:29 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42



OAKWOOD-NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
046	129+61.44	105.20' LT	712.21	233618.32	604840.62
047	129+62.64	102.20' LT	711.69	233619.44	604843.64
048	129+65.85	102.24' LT	711.74	233622.66	604843.68
049	129+72.97	104.96' LT	712.02	233629.85	604841.13
050	129+76.89	99.23' LT	711.88	233633.63	604846.97
051	129+65.92	96.24' LT	711.62	233622.58	604849.68
052	129+72.86	96.31' LT	711.81	233629.52	604849.78
053	129+83.29	91.16' LT	711.85	233639.82	604855.19
054	129+68.76	96.29' LT	711.82	233625.42	604849.70
055	129+69.14	91.27' LT	712.02	233625.67	604854.73
056	129+83.46	83.27' LT	711.65	233639.80	604863.09
057	129+75.05	83.79' LT	711.36	233631.39	604862.36
058	129+79.22	79.47' LT	711.25	233635.46	604866.78
059	129+79.51	87.78' LT	711.78	233635.96	604858.48
060	129+87.33	86.72' LT	711.73	233643.75	604859.73
061	129+81.42	77.40' LT	711.72	233637.61	604868.90
062	129+94.47	72.39' LT	711.48	233650.53	604874.23
063	129+97.68	77.09' LT	711.54	233653.86	604869.61
064	129+77.30	99.52' LT	712.74	233634.04	604846.68
065	129+95.89	67.19' LT	711.51	233651.82	604879.46
066	129+68.79	102.23' LT	711.94	233625.60	604843.76
067	129+56.98	119.03' LT	712.92	233614.21	604826.68
068	129+71.13	88.60' LT	711.96	233627.60	604857.45
069	129+87.70	87.05' LT	712.27	233644.13	604859.41
070	129+83.66	91.50' LT	712.47	233640.20	604854.86

RADIAL DWF TABLE			
BOC RADIUS	LANDING LENGTH	DWF AREA (SF)	RADIAL LONG CHORD
83.9'	10.3'	23.23	8.6'

NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

THE ENGINEER MAY ADJUST CURB RAMP ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE REQUIREMENTS OF THE STANDARD DETAILS.

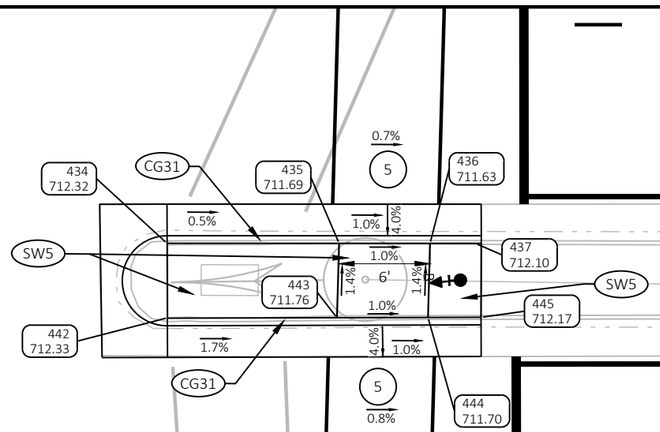
DASHED SIDEWALK JOINT LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATIONAL PURPOSES ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.

SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - OAKWOOD RD NW	SHEET 88	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021301-CR_OAKWOODRD.DWG
LAYOUT NAME - 03
PLOT DATE : 7/15/2026 2:29 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42



OAKWOOD MEDIAN NORTH					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
434	129+59.83	14.37' LT	712.32	233614.45	604931.37
435	129+71.18	14.37' LT	711.69	233625.80	604931.66
436	129+77.18	14.37' LT	711.63	233631.80	604931.81
437	129+80.18	14.37' LT	712.10	233634.80	604931.88
442	129+59.88	9.46' LT	712.33	233614.38	604936.29
443	129+71.04	9.46' LT	711.76	233625.54	604936.56
444	129+77.05	9.47' LT	711.70	233631.54	604936.70
445	129+80.55	9.48' LT	712.17	233635.04	604936.77

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

N

NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

THE ENGINEER MAY ADJUST CURB RAMP ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE REQUIREMENTS OF THE STANDARD DETAILS.

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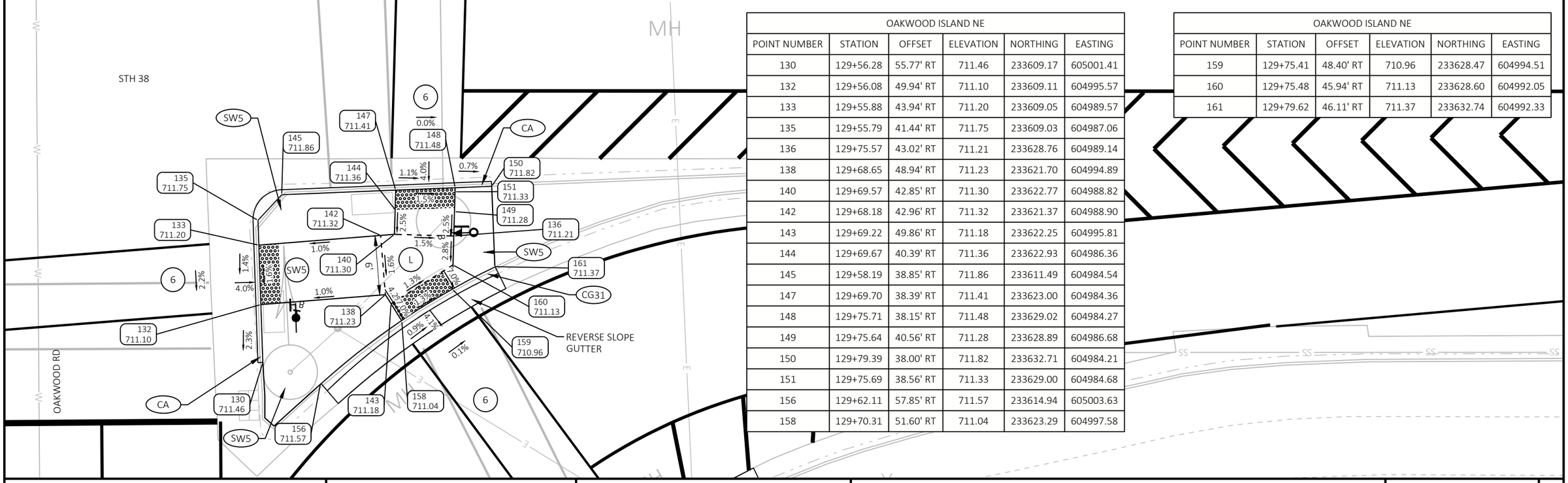
SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

LEGEND

- X — CURB RAMP TYPE
- PED — CONCRETE CURB PEDESTRIAN
- SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- SW5 — CONCRETE SIDEWALK 5-INCH
- ASPH — ASPHALTIC SURFACE SAFETY ISLANDS
- L — LANDING
- UNT — UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- PT — CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
- XXXX YYY.YY — POINT NUMBER & ELEVATION
- GRADE BREAKLINE
- PEDESTRIAN PUSH BUTTON
- DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
- CG19 — CONCRETE CURB & GUTTER 19-INCH
- CG30G — CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
- CG30R — CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
- CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- CG31 — CONCRETE CURB & GUTTER 31-INCH
- CA — CONCRETE CURB TYPE A

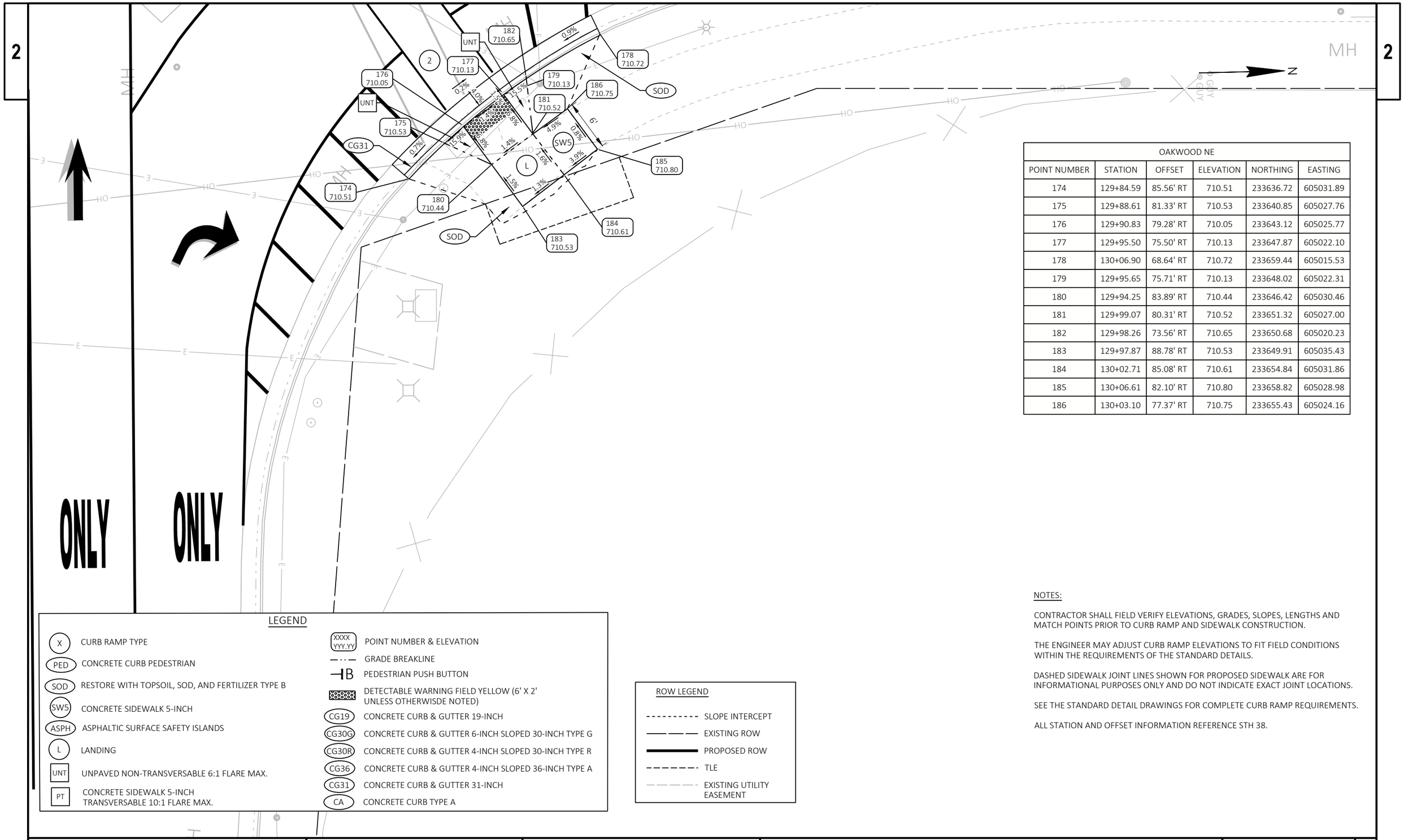


OAKWOOD ISLAND NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
130	129+56.28	55.77' RT	711.46	233609.17	605001.41
132	129+56.08	49.94' RT	711.10	233609.11	604995.57
133	129+55.88	43.94' RT	711.20	233609.05	604989.57
135	129+55.79	41.44' RT	711.75	233609.03	604987.06
136	129+75.57	43.02' RT	711.21	233628.76	604989.14
138	129+68.65	48.94' RT	711.23	233621.70	604994.89
140	129+69.57	42.85' RT	711.30	233622.77	604988.82
142	129+68.18	42.96' RT	711.32	233621.37	604988.90
143	129+69.22	49.86' RT	711.18	233622.25	604995.81
144	129+69.67	40.39' RT	711.36	233622.93	604986.36
145	129+58.19	38.85' RT	711.86	233611.49	604984.54
147	129+69.70	38.39' RT	711.41	233623.00	604984.36
148	129+75.71	38.15' RT	711.48	233629.02	604984.27
149	129+75.64	40.56' RT	711.28	233628.89	604986.68
150	129+79.39	38.00' RT	711.82	233632.71	604984.21
151	129+75.69	38.56' RT	711.33	233629.00	604984.68
156	129+62.11	57.85' RT	711.57	233614.94	605003.63
158	129+70.31	51.60' RT	711.04	233623.29	604997.58

OAKWOOD ISLAND NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
159	129+75.41	48.40' RT	710.96	233628.47	604994.51
160	129+75.48	45.94' RT	711.13	233628.60	604992.05
161	129+79.62	46.11' RT	711.37	233632.74	604992.33

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - OAKWOOD RD NE ISLAND & N MEDIAN ISLAND	SHEET 89	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021301-CR_OAKWOODRD.DWG
LAYOUT NAME - 04
PLOT DATE : 7/15/2026 2:29 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42



OAKWOOD NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
174	129+84.59	85.56' RT	710.51	233636.72	605031.89
175	129+88.61	81.33' RT	710.53	233640.85	605027.76
176	129+90.83	79.28' RT	710.05	233643.12	605025.77
177	129+95.50	75.50' RT	710.13	233647.87	605022.10
178	130+06.90	68.64' RT	710.72	233659.44	605015.53
179	129+95.65	75.71' RT	710.13	233648.02	605022.31
180	129+94.25	83.89' RT	710.44	233646.42	605030.46
181	129+99.07	80.31' RT	710.52	233651.32	605027.00
182	129+98.26	73.56' RT	710.65	233650.68	605020.23
183	129+97.87	88.78' RT	710.53	233649.91	605035.43
184	130+02.71	85.08' RT	710.61	233654.84	605031.86
185	130+06.61	82.10' RT	710.80	233658.82	605028.98
186	130+03.10	77.37' RT	710.75	233655.43	605024.16

LEGEND

- X — CURB RAMP TYPE
- PED — CONCRETE CURB PEDESTRIAN
- SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- SW5 — CONCRETE SIDEWALK 5-INCH
- ASPH — ASPHALTIC SURFACE SAFETY ISLANDS
- L — LANDING
- UNT — UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- PT — CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
- XXXX YYY.YY — POINT NUMBER & ELEVATION
- GRADE BREAKLINE
- PEDESTRIAN PUSH BUTTON
- DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
- CG19 — CONCRETE CURB & GUTTER 19-INCH
- CG30G — CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
- CG30R — CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
- CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- CG31 — CONCRETE CURB & GUTTER 31-INCH
- CA — CONCRETE CURB TYPE A

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

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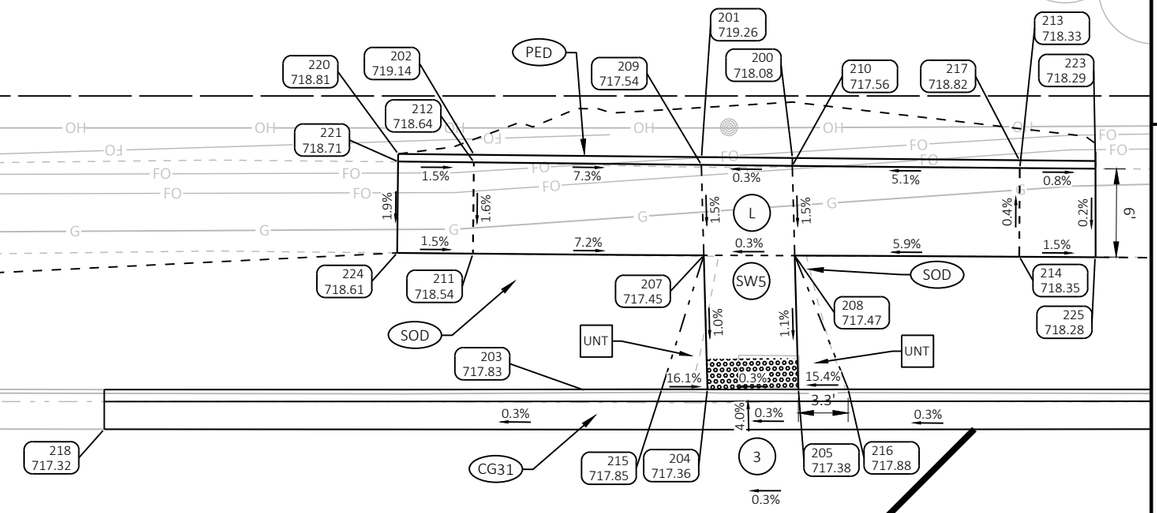
SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

LISA SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
200	142+15.54	70.91' LT	718.08	234871.18	604906.10
201	142+09.54	70.94' LT	719.26	234865.18	604905.91
202	141+94.53	71.12' LT	719.14	234850.18	604905.36
203	142+01.88	55.56' LT	717.83	234857.15	604921.10
204	142+09.93	55.67' LT	717.36	234865.20	604921.19
205	142+15.93	55.67' LT	717.38	234871.19	604921.34
207	142+09.69	64.49' LT	717.45	234865.18	604912.37
208	142+15.69	64.46' LT	717.47	234871.18	604912.54
209	142+09.53	70.46' LT	717.54	234865.16	604906.40
210	142+15.53	70.39' LT	717.56	234871.16	604906.62
211	141+94.46	64.60' LT	718.54	234849.95	604911.88
212	141+94.52	70.62' LT	718.64	234850.16	604905.86

LISA SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
213	142+30.54	70.24' LT	718.33	234886.16	604907.14
214	142+30.51	64.41' LT	718.35	234885.99	604912.97
215	142+06.92	55.66' LT	717.85	234862.19	604921.12
216	142+19.21	55.68' LT	717.88	234874.48	604921.42
217	142+30.51	70.75' LT	718.82	234886.15	604906.63
218	141+70.13	53.01' LT	717.32	234825.34	604922.86
220	141+89.52	71.18' LT	718.81	234845.18	604905.18
221	141+89.54	70.66' LT	718.71	234845.18	604905.70
223	142+35.54	70.20' LT	718.29	234891.16	604907.31
224	141+89.46	64.64' LT	718.61	234844.95	604911.71
225	142+35.51	64.38' LT	718.28	234890.98	604913.12



LEGEND

- X — CURB RAMP TYPE
- PED — CONCRETE CURB PEDESTRIAN
- SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- SW5 — CONCRETE SIDEWALK 5-INCH
- ASPH — ASPHALTIC SURFACE SAFETY ISLANDS
- L — LANDING
- UNT — UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- PT — CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
- XXXX YYY.YY — POINT NUMBER & ELEVATION
- GRADE BREAKLINE
- PEDESTRIAN PUSH BUTTON
- DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
- CG19 — CONCRETE CURB & GUTTER 19-INCH
- CG30G — CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
- CG30R — CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
- CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- CG31 — CONCRETE CURB & GUTTER 31-INCH
- CA — CONCRETE CURB TYPE A

NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

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SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

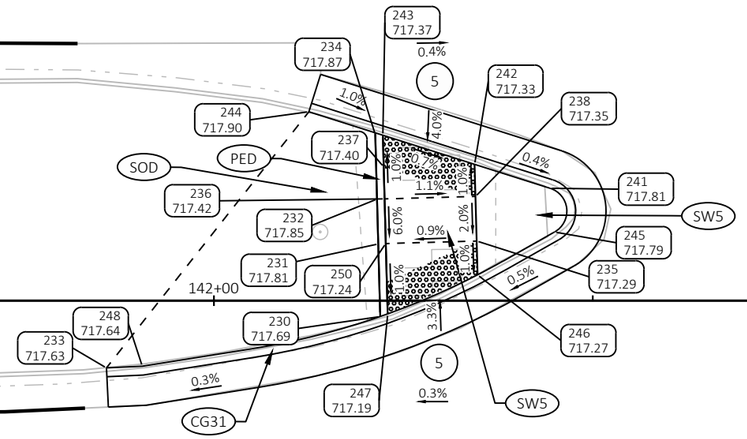
N

STH 38

LISA ISLAND SOUTH					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
230	142+10.97	1.05' RT	717.69	234864.83	604977.92
231	142+10.84	3.75' LT	717.81	234864.82	604973.11
232	142+10.76	6.70' LT	717.85	234864.81	604970.17
233	141+92.91	4.44' RT	717.63	234846.69	604980.86
234	142+10.65	10.97' LT	717.87	234864.80	604965.89
235	142+17.34	3.93' LT	717.29	234871.32	604973.10
236	142+11.26	6.71' LT	717.42	234865.31	604970.17
237	142+11.20	8.83' LT	717.40	234865.30	604968.05
238	142+17.26	6.88' LT	717.35	234871.31	604970.15
241	142+22.18	7.42' LT	717.81	234876.24	604969.74
242	142+17.20	8.99' LT	717.33	234871.30	604968.03
243	142+11.15	10.91' LT	717.37	234865.30	604965.96

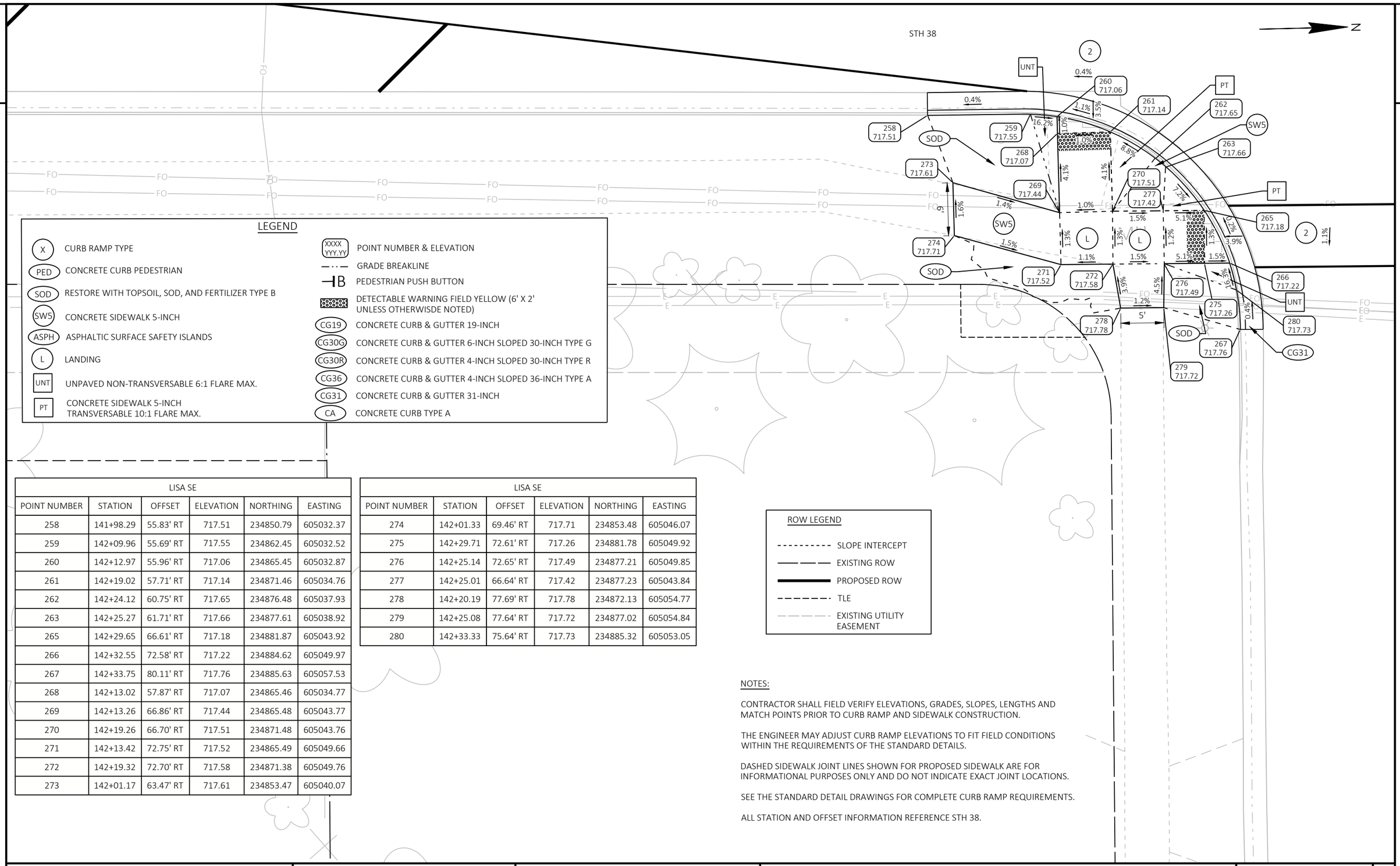
LISA ISLAND SOUTH					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
244	142+06.26	12.46' LT	717.90	234860.46	604964.29
245	142+22.48	4.53' LT	717.79	234876.47	604972.63
246	142+17.40	1.70' LT	717.27	234871.32	604975.33
247	142+11.47	0.88' RT	717.19	234865.33	604977.76
248	141+95.27	4.33' RT	717.64	234849.05	604980.81
250	142+11.34	3.77' LT	717.24	234865.31	604973.11

RADIAL DWF TABLE			
BOC RADIUS	LANDING LENGTH	DWF AREA (SF)	RADIAL LONG CHORD
49.5'	4.6'	13.0	6.5'



PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - LISA DR SW & SOUTH MEDIAN	SHEET 91	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021301-CR_OAKWOODRD.DWG
LAYOUT NAME - 06
PLOT DATE : 7/15/2026 2:30 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42



LISA SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
258	141+98.29	55.83' RT	717.51	234850.79	605032.37
259	142+09.96	55.69' RT	717.55	234862.45	605032.52
260	142+12.97	55.96' RT	717.06	234865.45	605032.87
261	142+19.02	57.71' RT	717.14	234871.46	605034.76
262	142+24.12	60.75' RT	717.65	234876.48	605037.93
263	142+25.27	61.71' RT	717.66	234877.61	605038.92
265	142+29.65	66.61' RT	717.18	234881.87	605043.92
266	142+32.55	72.58' RT	717.22	234884.62	605049.97
267	142+33.75	80.11' RT	717.76	234885.63	605057.53
268	142+13.02	57.87' RT	717.07	234865.46	605034.77
269	142+13.26	66.86' RT	717.44	234865.48	605043.77
270	142+19.26	66.70' RT	717.51	234871.48	605043.76
271	142+13.42	72.75' RT	717.52	234865.49	605049.66
272	142+19.32	72.70' RT	717.58	234871.38	605049.76
273	142+01.17	63.47' RT	717.61	234853.47	605040.07

LISA SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
274	142+01.33	69.46' RT	717.71	234853.48	605046.07
275	142+29.71	72.61' RT	717.26	234881.78	605049.92
276	142+25.14	72.65' RT	717.49	234877.21	605049.85
277	142+25.01	66.64' RT	717.42	234877.23	605043.84
278	142+20.19	77.69' RT	717.78	234872.13	605054.77
279	142+25.08	77.64' RT	717.72	234877.02	605054.84
280	142+33.33	75.64' RT	717.73	234885.32	605053.05

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

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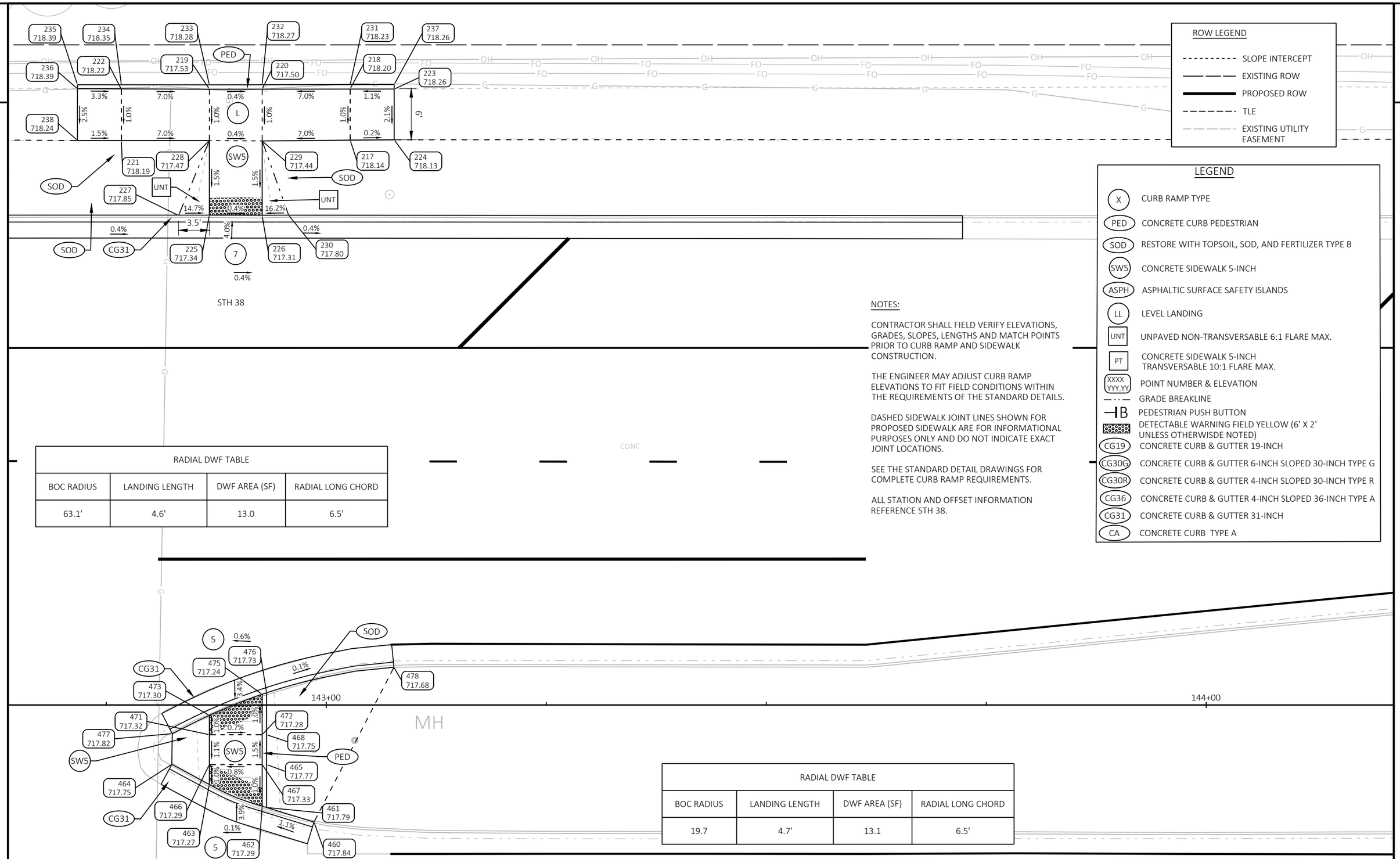
SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.



NOTES:

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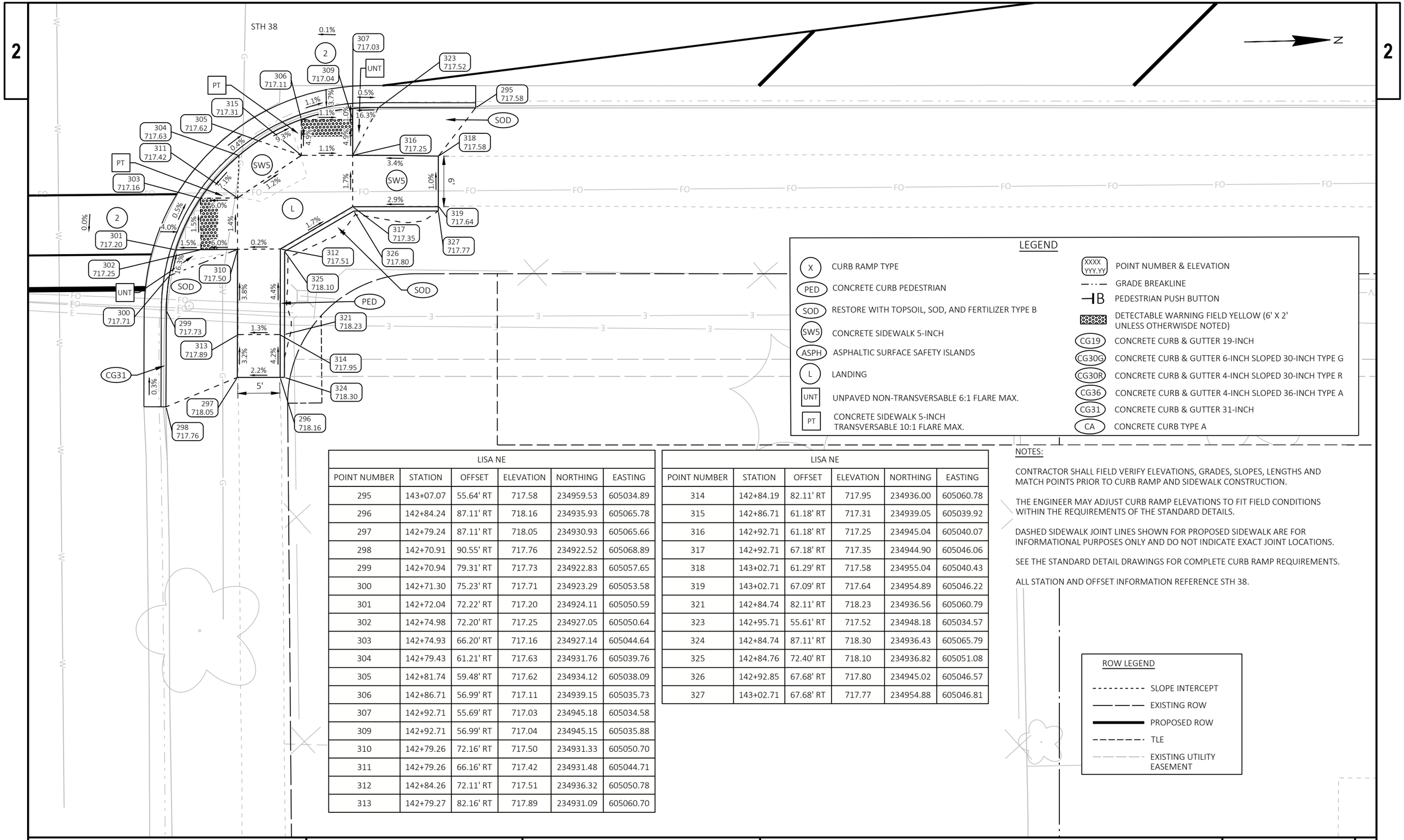
ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

RADIAL DWF TABLE			
BOC RADIUS	LANDING LENGTH	DWF AREA (SF)	RADIAL LONG CHORD
63.1'	4.6'	13.0	6.5'

RADIAL DWF TABLE			
BOC RADIUS	LANDING LENGTH	DWF AREA (SF)	RADIAL LONG CHORD
19.7	4.7'	13.1	6.5'

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - LISA DR NW & NORTH ISLAND	SHEET 93	E



LISA NE

POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
295	143+07.07	55.64' RT	717.58	234959.53	605034.89
296	142+84.24	87.11' RT	718.16	234935.93	605065.78
297	142+79.24	87.11' RT	718.05	234930.93	605065.66
298	142+70.91	90.55' RT	717.76	234922.52	605068.89
299	142+70.94	79.31' RT	717.73	234922.83	605057.65
300	142+71.30	75.23' RT	717.71	234923.29	605053.58
301	142+72.04	72.22' RT	717.20	234924.11	605050.59
302	142+74.98	72.20' RT	717.25	234927.05	605050.64
303	142+74.93	66.20' RT	717.16	234927.14	605044.64
304	142+79.43	61.21' RT	717.63	234931.76	605039.76
305	142+81.74	59.48' RT	717.62	234934.12	605038.09
306	142+86.71	56.99' RT	717.11	234939.15	605035.73
307	142+92.71	55.69' RT	717.03	234945.18	605034.58
309	142+92.71	56.99' RT	717.04	234945.15	605035.88
310	142+79.26	72.16' RT	717.50	234931.33	605050.70
311	142+79.26	66.16' RT	717.42	234931.48	605044.71
312	142+84.26	72.11' RT	717.51	234936.32	605050.78
313	142+79.27	82.16' RT	717.89	234931.09	605060.70

LISA NE

POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
314	142+84.19	82.11' RT	717.95	234936.00	605060.78
315	142+86.71	61.18' RT	717.31	234939.05	605039.92
316	142+92.71	61.18' RT	717.25	234945.04	605040.07
317	142+92.71	67.18' RT	717.35	234944.90	605046.06
318	143+02.71	61.29' RT	717.58	234955.04	605040.43
319	143+02.71	67.09' RT	717.64	234954.89	605046.22
321	142+84.74	82.11' RT	718.23	234936.56	605060.79
323	142+95.71	55.61' RT	717.52	234948.18	605034.57
324	142+84.74	87.11' RT	718.30	234936.43	605065.79
325	142+84.76	72.40' RT	718.10	234936.82	605051.08
326	142+92.85	67.68' RT	717.80	234945.02	605046.57
327	143+02.71	67.68' RT	717.77	234954.88	605046.81

NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

THE ENGINEER MAY ADJUST CURB RAMP ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE REQUIREMENTS OF THE STANDARD DETAILS.

DASHED SIDEWALK JOINT LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATIONAL PURPOSES ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.

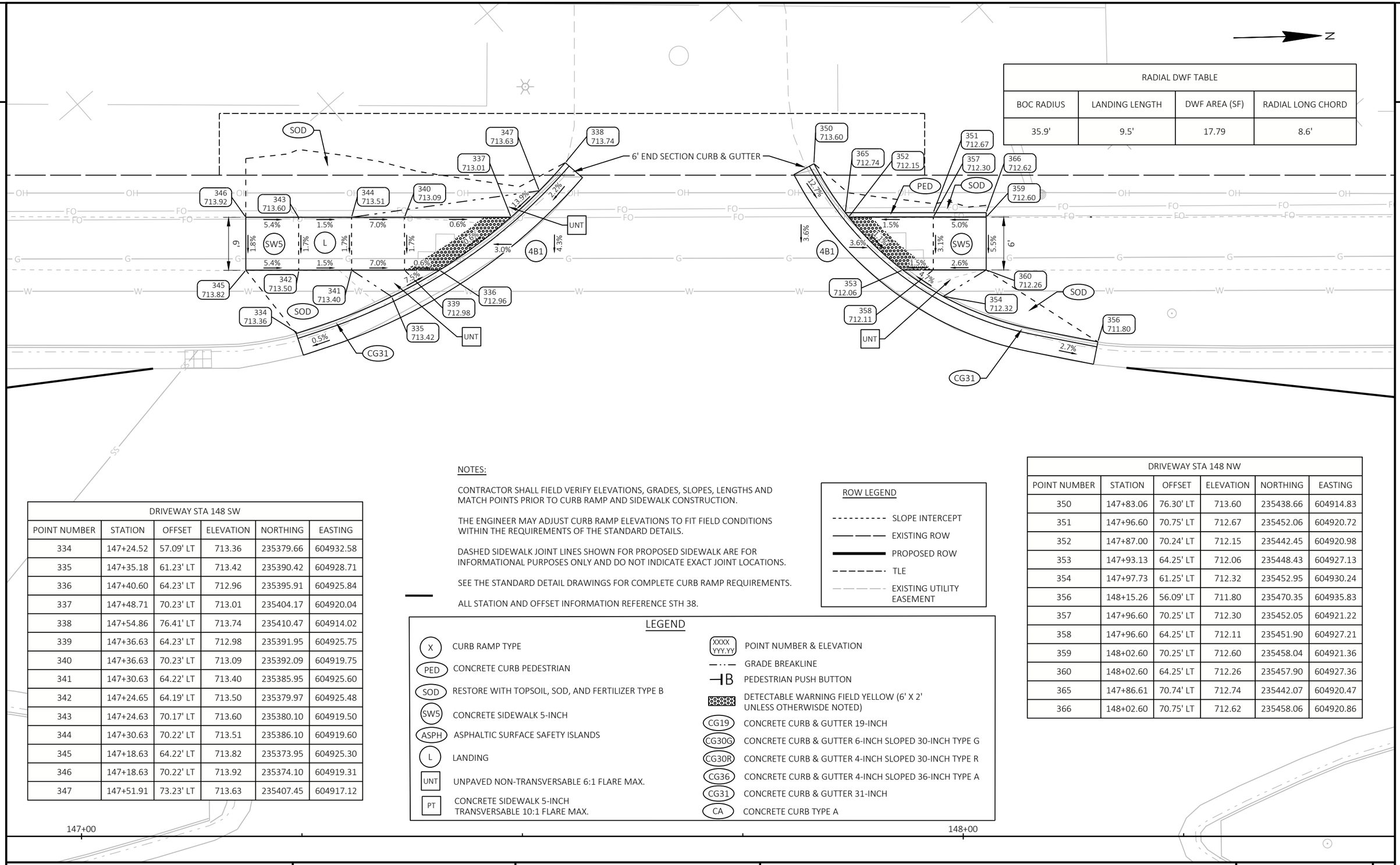
SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

2



RADIAL DWF TABLE			
BOC RADIUS	LANDING LENGTH	DWF AREA (SF)	RADIAL LONG CHORD
35.9'	9.5'	17.79	8.6'

DRIVEWAY STA 148 SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
334	147+24.52	57.09' LT	713.36	235379.66	604932.58
335	147+35.18	61.23' LT	713.42	235390.42	604928.71
336	147+40.60	64.23' LT	712.96	235395.91	604925.84
337	147+48.71	70.23' LT	713.01	235404.17	604920.04
338	147+54.86	76.41' LT	713.74	235410.47	604914.02
339	147+36.63	64.23' LT	712.98	235391.95	604925.75
340	147+36.63	70.23' LT	713.09	235392.09	604919.75
341	147+30.63	64.22' LT	713.40	235385.95	604925.60
342	147+24.65	64.19' LT	713.50	235379.97	604925.48
343	147+24.63	70.17' LT	713.60	235380.10	604919.50
344	147+30.63	70.22' LT	713.51	235386.10	604919.60
345	147+18.63	64.22' LT	713.82	235373.95	604925.30
346	147+18.63	70.22' LT	713.92	235374.10	604919.31
347	147+51.91	73.23' LT	713.63	235407.45	604917.12

NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

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SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

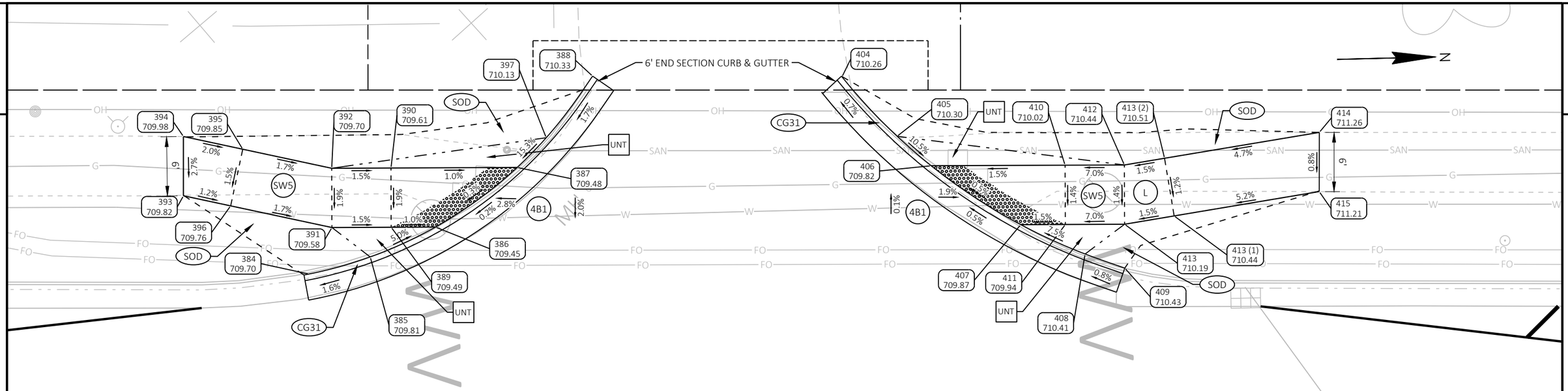
LEGEND

- X — CURB RAMP TYPE
- PED — CONCRETE CURB PEDESTRIAN
- SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- SW5 — CONCRETE SIDEWALK 5-INCH
- ASPH — ASPHALTIC SURFACE SAFETY ISLANDS
- L — LANDING
- UNT — UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- PT — CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
- XXXX YYY.YY — POINT NUMBER & ELEVATION
- GRADE BREAKLINE
- PEDESTRIAN PUSH BUTTON
- DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
- CG19 — CONCRETE CURB & GUTTER 19-INCH
- CG30G — CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
- CG30R — CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
- CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- CG31 — CONCRETE CURB & GUTTER 31-INCH
- CA — CONCRETE CURB TYPE A

DRIVEWAY STA 148 NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
350	147+83.06	76.30' LT	713.60	235438.66	604914.83
351	147+96.60	70.75' LT	712.67	235452.06	604920.72
352	147+87.00	70.24' LT	712.15	235442.45	604920.98
353	147+93.13	64.25' LT	712.06	235448.43	604927.13
354	147+97.73	61.25' LT	712.32	235452.95	604930.24
356	148+15.26	56.09' LT	711.80	235470.35	604935.83
357	147+96.60	70.25' LT	712.30	235452.05	604921.22
358	147+96.60	64.25' LT	712.11	235451.90	604927.21
359	148+02.60	70.25' LT	712.60	235458.04	604921.36
360	148+02.60	64.25' LT	712.26	235457.90	604927.36
365	147+86.61	70.74' LT	712.74	235442.07	604920.47
366	148+02.60	70.75' LT	712.62	235458.06	604920.86

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - DRIVEWAY STA 148+00 SW & NW	SHEET 95	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021301-CR_OAKWOODRD.DWG
LAYOUT NAME - 10
PLOT DATE : 7/15/2026 2:31 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42



RADIAL DWF TABLE			
BOC RADIUS	LANDING LENGTH	DWF AREA (SF)	RADIAL LONG CHORD
43.6'	12.8'	21.63	10.2'

RADIAL DWF TABLE			
BOC RADIUS	LANDING LENGTH	DWF AREA (SF)	RADIAL LONG CHORD
58.6'	13.6'	22.7	10.8'

NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

THE ENGINEER MAY ADJUST CURB RAMP ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE REQUIREMENTS OF THE STANDARD DETAILS.

DASHED SIDEWALK JOINT LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATIONAL PURPOSES ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.

SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

DRIVEWAY STA 153 SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
384	152+39.36	56.37' LT	709.70	235894.32	604946.11
385	152+45.56	58.10' LT	709.81	235900.57	604944.53
386	152+52.17	61.13' LT	709.45	235907.24	604941.67
387	152+60.44	67.17' LT	709.48	235915.66	604935.84
388	152+68.08	76.41' LT	710.33	235923.53	604926.78
389	152+47.69	61.11' LT	709.49	235902.77	604941.57
390	152+47.66	67.11' LT	709.61	235902.89	604935.58
391	152+41.69	61.09' LT	709.58	235896.77	604941.45
392	152+41.66	67.09' LT	709.70	235896.89	604935.45
393	152+26.65	64.30' LT	709.82	235881.81	604937.87
394	152+26.65	70.30' LT	709.98	235881.96	604931.87
395	152+32.66	69.01' LT	709.85	235887.94	604933.30
396	152+31.43	63.28' LT	709.76	235886.57	604939.01
397	152+63.39	70.18' LT	710.13	235918.69	604932.90

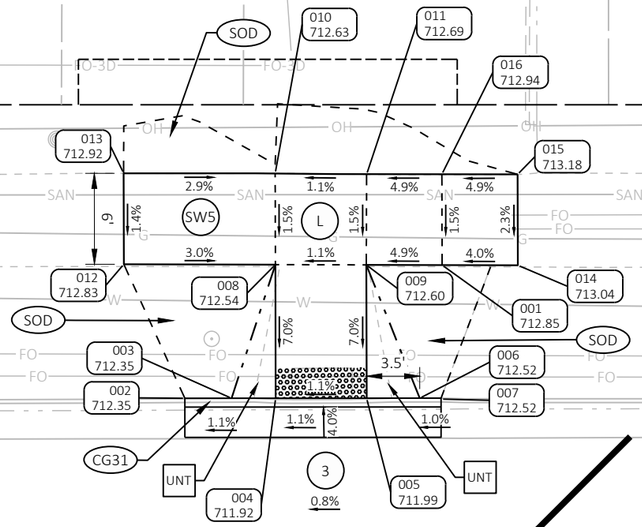
LEGEND

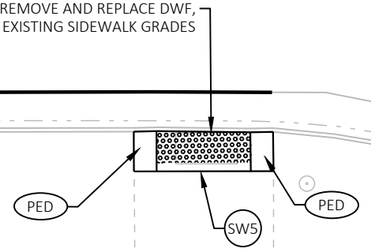
- (X) CURB RAMP TYPE
- (PED) CONCRETE CURB PEDESTRIAN
- (SOD) RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- (SW5) CONCRETE SIDEWALK 5-INCH
- (ASPH) ASPHALTIC SURFACE SAFETY ISLANDS
- (L) LANDING
- [UNT] UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- [PT] CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
- (XXXX YYY.YY) POINT NUMBER & ELEVATION
- GRADE BREAKLINE
- PEDESTRIAN PUSH BUTTON
- DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
- (CG19) CONCRETE CURB & GUTTER 19-INCH
- (CG30G) CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
- (CG30R) CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
- (CG36) CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- (CG31) CONCRETE CURB & GUTTER 31-INCH
- (CA) CONCRETE CURB TYPE A

DRIVEWAY STA 153 NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
404	152+93.33	76.34' LT	710.26	235948.77	604927.49
405	152+98.91	70.32' LT	710.30	235954.21	604933.64
406	153+02.36	67.34' LT	709.82	235957.58	604936.71
407	153+11.43	61.38' LT	709.87	235966.49	604942.90
408	153+17.95	58.40' LT	710.41	235972.94	604946.03
409	153+21.97	56.98' LT	710.43	235976.92	604947.55
410	153+15.92	67.39' LT	710.02	235971.14	604936.99
411	153+15.95	61.39' LT	709.94	235971.01	604942.99
412	153+21.92	67.42' LT	710.44	235977.14	604937.12
413	153+21.95	61.42' LT	710.19	235977.01	604943.11
413 (1)	153+26.97	62.26' LT	710.44	235982.05	604942.40
413 (2)	153+25.99	68.10' LT	710.51	235981.22	604936.54
414	153+41.66	70.72' LT	711.26	235996.95	604934.31
415	153+41.66	64.72' LT	711.21	235996.80	604940.30

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - DRIVEWAY STA 153+00 SW & NW	SHEET 96	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021301-CR_OAKWOODRD.DWG
LAYOUT NAME - 11
PLOT DATE : 7/15/2026 2:31 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42





RIPRAP

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

FITZSIMMONS WEST

POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
001	155+12.35	64.43' LT	712.85	236167.43	604944.85
002	154+95.37	55.63' LT	712.35	236150.24	604953.21
003	154+98.45	55.64' LT	712.35	236153.32	604953.29
004	155+01.37	55.64' LT	711.92	236156.23	604953.36
005	155+07.37	55.64' LT	711.99	236162.23	604953.51
006	155+10.87	55.64' LT	712.52	236165.73	604953.59
007	155+12.29	55.58' LT	712.52	236167.15	604953.69
008	155+01.35	64.45' LT	712.54	236156.43	604944.54
009	155+07.35	64.44' LT	712.60	236162.43	604944.71
010	155+01.33	70.48' LT	712.63	236156.57	604938.52
011	155+07.37	70.41' LT	712.69	236162.60	604938.74
012	154+91.35	64.48' LT	712.83	236146.44	604944.27
013	154+91.33	70.48' LT	712.92	236146.57	604938.27
014	155+17.35	64.41' LT	713.04	236172.43	604944.99
015	155+17.33	70.41' LT	713.18	236172.56	604938.99
016	155+12.33	70.42' LT	712.94	236167.56	604938.86

NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

THE ENGINEER MAY ADJUST CURB RAMP ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE REQUIREMENTS OF THE STANDARD DETAILS.

DASHED SIDEWALK JOINT LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATIONAL PURPOSES ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.

SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

LEGEND

- X — CURB RAMP TYPE
- PED — CONCRETE CURB PEDESTRIAN
- SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- SW5 — CONCRETE SIDEWALK 5-INCH
- ASPH — ASPHALTIC SURFACE SAFETY ISLANDS
- L — LANDING
- UNT — UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- PT — CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
- XXXX YYY.YY — POINT NUMBER & ELEVATION
- GRADE BREAKLINE
- PEDESTRIAN PUSH BUTTON
- DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
- CG19 — CONCRETE CURB & GUTTER 19-INCH
- CG30G — CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
- CG30R — CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
- CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- CG31 — CONCRETE CURB & GUTTER 31-INCH
- CA — CONCRETE CURB TYPE A

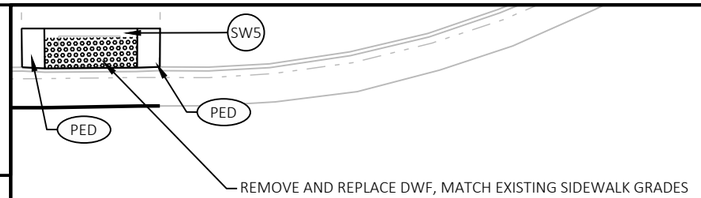
STH 38

155+00

156+00

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - FITZSIMMONS RD SW	SHEET 97	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021302-CR_FITZSIMMONS.DWG
LAYOUT NAME - 01
PLOT DATE : 7/15/2026 2:32 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42



LEGEND

- X — CURB RAMP TYPE
- PED — CONCRETE CURB PEDESTRIAN
- SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- SW5 — CONCRETE SIDEWALK 5-INCH
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- L — LANDING
- UNT — UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
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- XXXX YYY.YY — POINT NUMBER & ELEVATION
- GRADE BREAKLINE
- B — PEDESTRIAN PUSH BUTTON
- DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
- CG19 — CONCRETE CURB & GUTTER 19-INCH
- CG30G — CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
- CG30R — CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
- CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- CG31 — CONCRETE CURB & GUTTER 31-INCH
- CA — CONCRETE CURB TYPE A

FITZSIMMONS NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
034	155+96.55	79.09' RT	712.52	236247.89	605090.44
035	155+96.84	76.39' RT	712.64	236248.25	605087.76
036	155+97.53	73.38' RT	712.29	236249.02	605084.77
037	156+00.25	67.36' RT	712.40	236251.90	605078.82
038	156+02.49	64.34' RT	713.02	236254.22	605075.86
039	156+04.35	62.42' RT	713.10	236256.13	605073.99
040	156+00.31	73.36' RT	712.31	236251.80	605084.82
041	156+06.31	73.31' RT	712.73	236257.80	605084.93
042	156+06.25	67.31' RT	712.82	236257.90	605078.93
043	156+12.30	73.25' RT	712.82	236263.80	605085.03
044	156+12.25	67.25' RT	712.90	236263.90	605079.03
045	156+33.31	74.26' RT	714.37	236284.77	605086.60
046	156+33.26	68.19' RT	714.39	236284.88	605080.53

NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

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DASHED SIDEWALK JOINT LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATIONAL PURPOSES ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.

SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

STH 38

FITZSIMMONS RD

EXISTING LEVEL LANDING

EXISTING LEVEL LANDING

FITZSIMMONS SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
310	155+55.60	79.69' RT	712.39	236207.08	605090.00
311	155+55.29	76.77' RT	712.39	236206.85	605087.07
312	155+54.61	73.78' RT	712.39	236206.24	605084.06
313	155+48.33	63.15' RT	712.39	236200.23	605073.27
314	155+51.99	67.82' RT	712.39	236203.77	605078.04
315	155+49.87	64.83' RT	712.39	236201.72	605075.00
316	155+45.99	67.87' RT	712.39	236197.77	605077.94
317	155+46.04	73.85' RT	712.39	236197.67	605083.91
318	155+52.04	73.80' RT	712.39	236203.66	605084.01
319	155+42.48	67.73' RT	712.39	236194.27	605077.72
320	155+42.48	73.79' RT	712.39	236194.12	605083.77

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - FITZSIMMONS RD SE & NE	SHEET 98	E

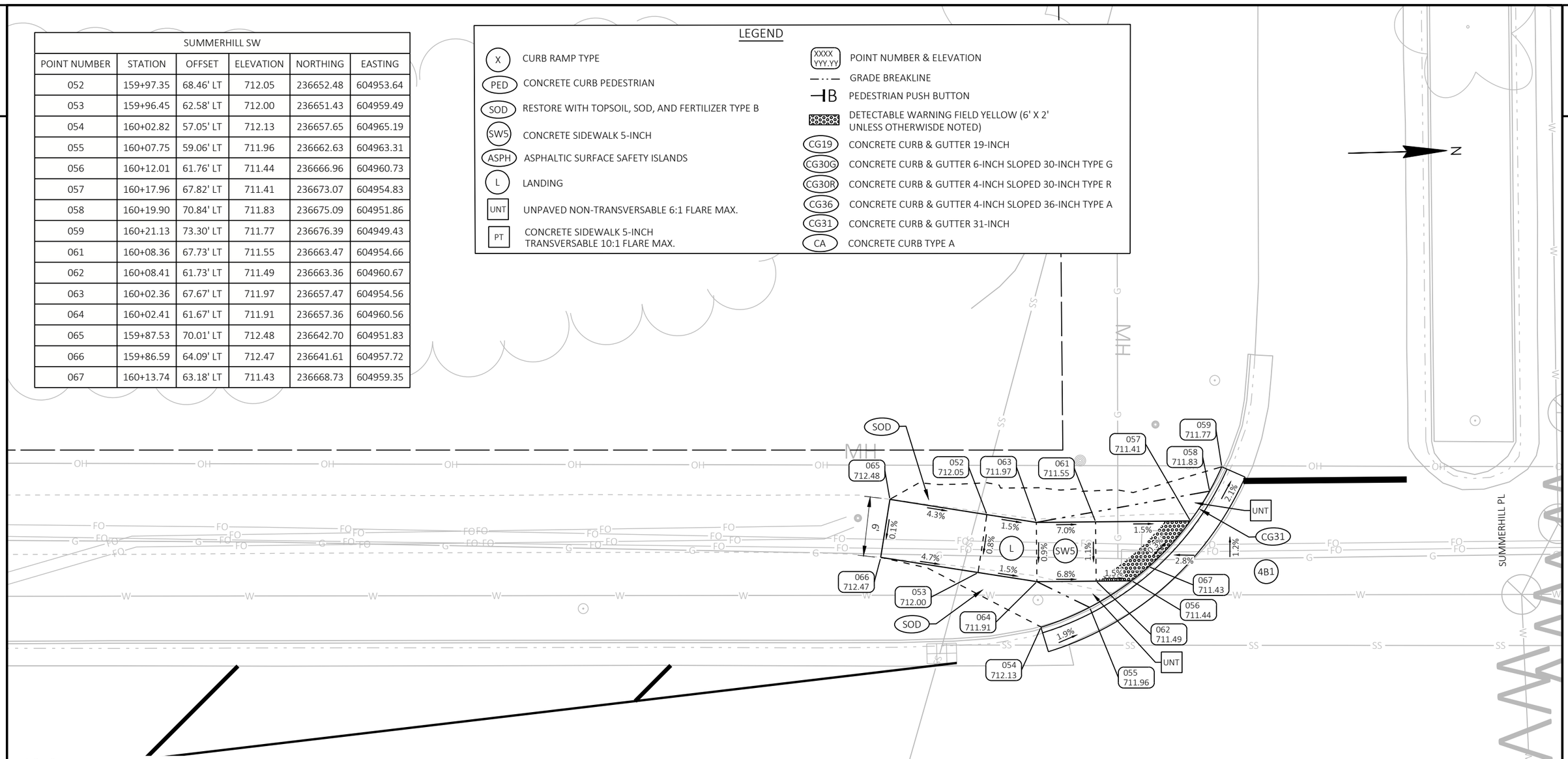
FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021302-CR_FITZSIMMONS.DWG
LAYOUT NAME - 02
PLOT DATE : 7/15/2026 2:32 PM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 42

SUMMERHILL SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
052	159+97.35	68.46' LT	712.05	236652.48	604953.64
053	159+96.45	62.58' LT	712.00	236651.43	604959.49
054	160+02.82	57.05' LT	712.13	236657.65	604965.19
055	160+07.75	59.06' LT	711.96	236662.63	604963.31
056	160+12.01	61.76' LT	711.44	236666.96	604960.73
057	160+17.96	67.82' LT	711.41	236673.07	604954.83
058	160+19.90	70.84' LT	711.83	236675.09	604951.86
059	160+21.13	73.30' LT	711.77	236676.39	604949.43
061	160+08.36	67.73' LT	711.55	236663.47	604954.66
062	160+08.41	61.73' LT	711.49	236663.36	604960.67
063	160+02.36	67.67' LT	711.97	236657.47	604954.56
064	160+02.41	61.67' LT	711.91	236657.36	604960.56
065	159+87.53	70.01' LT	712.48	236642.70	604951.83
066	159+86.59	64.09' LT	712.47	236641.61	604957.72
067	160+13.74	63.18' LT	711.43	236668.73	604959.35

LEGEND

- X — CURB RAMP TYPE
- PED — CONCRETE CURB PEDESTRIAN
- SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- SW5 — CONCRETE SIDEWALK 5-INCH
- ASPH — ASPHALTIC SURFACE SAFETY ISLANDS
- L — LANDING
- UNT — UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- PT — CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
- XXXX YYY.YY — POINT NUMBER & ELEVATION
- GRADE BREAKLINE
- B — PEDESTRIAN PUSH BUTTON
- DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
- CG19 — CONCRETE CURB & GUTTER 19-INCH
- CG30G — CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
- CG30R — CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
- CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- CG31 — CONCRETE CURB & GUTTER 31-INCH
- CA — CONCRETE CURB TYPE A



NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

THE ENGINEER MAY ADJUST CURB RAMP ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE REQUIREMENTS OF THE STANDARD DETAILS.

DASHED SIDEWALK JOINT LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATIONAL PURPOSES ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.

SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

RADIAL DWF TABLE			
BOC RADIUS	LANDING LENGTH	DWF AREA (SF)	RADIAL LONG CHORD
29.5'	9.6'	1776	8.5'

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - SUMMERHILL PL SW	SHEET 99	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021302-CR_FITZSIMMONS.DWG
LAYOUT NAME - 03
PLOT DATE : 7/15/2026 2:32 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

THE ENGINEER MAY ADJUST CURB RAMP ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE REQUIREMENTS OF THE STANDARD DETAILS.

DASHED SIDEWALK JOINT LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATIONAL PURPOSES ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.

SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

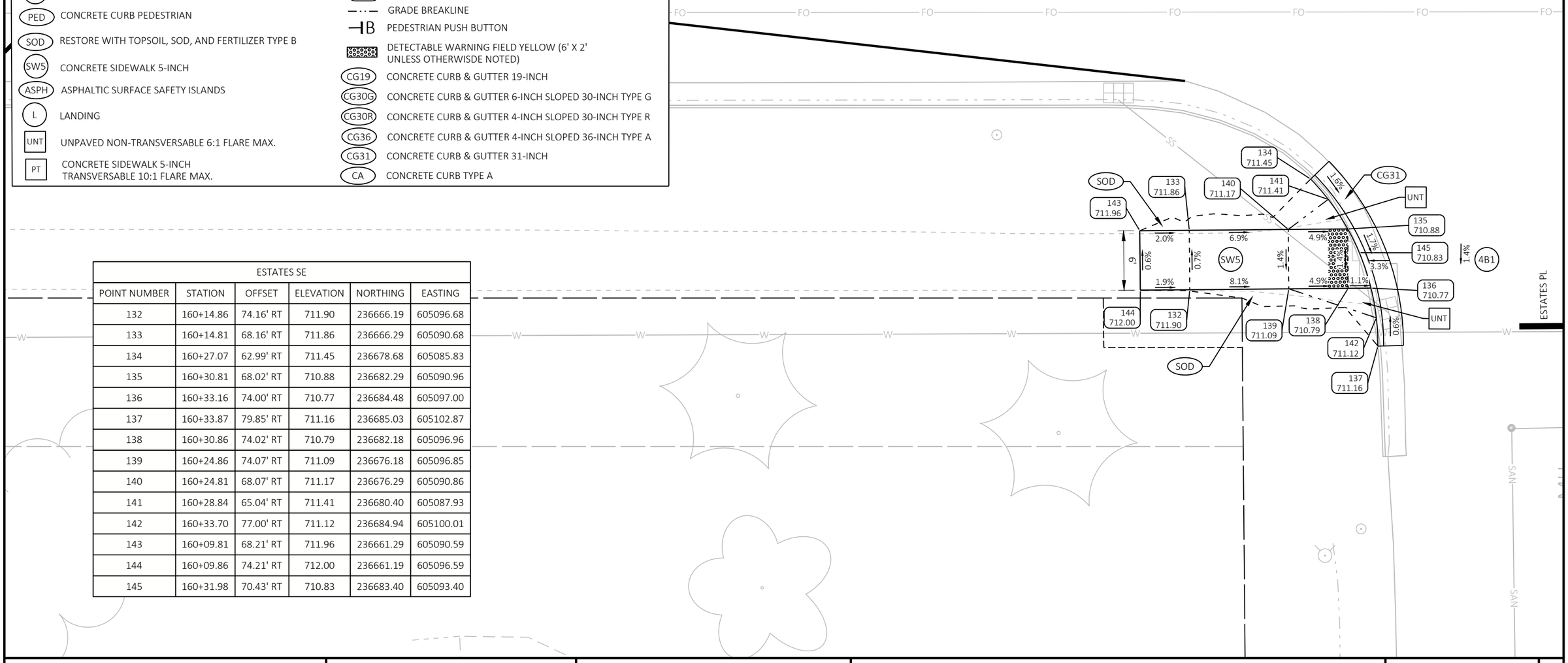
ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

STH 38

LEGEND

- X — CURB RAMP TYPE
- PED — CONCRETE CURB PEDESTRIAN
- SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- SW5 — CONCRETE SIDEWALK 5-INCH
- ASPH — ASPHALTIC SURFACE SAFETY ISLANDS
- L — LANDING
- UNT — UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- PT — CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
- XXXX YYY.YY — POINT NUMBER & ELEVATION
- GRADE BREAKLINE
- PB — PEDESTRIAN PUSH BUTTON
- DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
- CG19 — CONCRETE CURB & GUTTER 19-INCH
- CG30G — CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
- CG30R — CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
- CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- CG31 — CONCRETE CURB & GUTTER 31-INCH
- CA — CONCRETE CURB TYPE A



ESTATES SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
132	160+14.86	74.16' RT	711.90	236666.19	605096.68
133	160+14.81	68.16' RT	711.86	236666.29	605090.68
134	160+27.07	62.99' RT	711.45	236678.68	605085.83
135	160+30.81	68.02' RT	710.88	236682.29	605090.96
136	160+33.16	74.00' RT	710.77	236684.48	605097.00
137	160+33.87	79.85' RT	711.16	236685.03	605102.87
138	160+30.86	74.02' RT	710.79	236682.18	605096.96
139	160+24.86	74.07' RT	711.09	236676.18	605096.85
140	160+24.81	68.07' RT	711.17	236676.29	605090.86
141	160+28.84	65.04' RT	711.41	236680.40	605087.93
142	160+33.70	77.00' RT	711.12	236684.94	605100.01
143	160+09.81	68.21' RT	711.96	236661.29	605090.59
144	160+09.86	74.21' RT	712.00	236661.19	605096.59
145	160+31.98	70.43' RT	710.83	236683.40	605093.40

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - ESTATES PL SE	SHEET 100	E

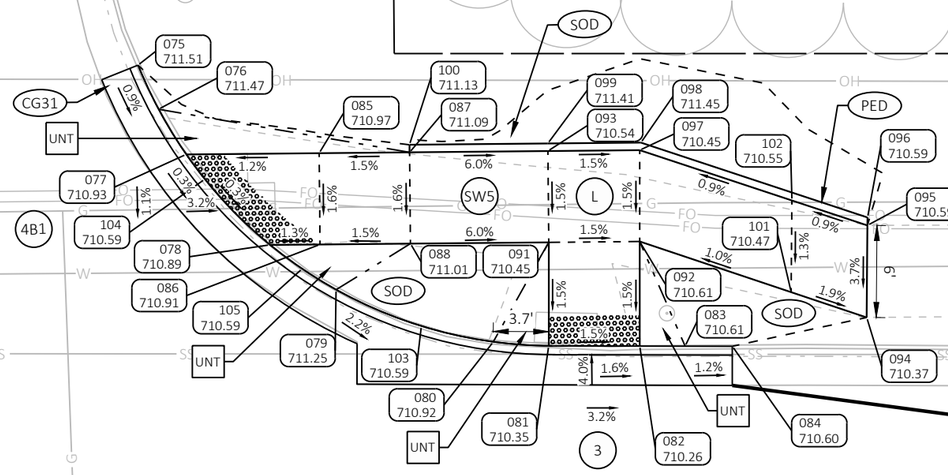
2

LEGEND

- X — CURB RAMP TYPE
- PED — CONCRETE CURB PEDESTRIAN
- SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- SW5 — CONCRETE SIDEWALK 5-INCH
- ASPH — ASPHALTIC SURFACE SAFETY ISLANDS
- L — LANDING
- UNT — UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- PT — CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
- XXXX YYY.YY — POINT NUMBER & ELEVATION
- GRADE BREAKLINE
- B — PEDESTRIAN PUSH BUTTON
- DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
- CG19 — CONCRETE CURB & GUTTER 19-INCH
- CG30G — CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
- CG30R — CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
- CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- CG31 — CONCRETE CURB & GUTTER 31-INCH
- CA — CONCRETE CURB TYPE A

SUMMERHILL NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
075	160+71.13	74.24' LT	711.51	236726.39	604949.83
076	160+72.48	71.33' LT	711.47	236727.66	604952.77
077	160+74.31	68.35' LT	710.93	236729.41	604955.80
078	160+79.84	62.38' LT	710.89	236734.78	604961.92
079	160+84.20	59.42' LT	711.25	236739.06	604964.99
080	160+94.57	55.98' LT	710.92	236749.34	604968.71
081	160+98.24	55.71' LT	710.35	236753.00	604969.07
082	161+04.24	55.72' LT	710.26	236758.99	604969.23
083	161+07.24	55.70' LT	710.61	236761.99	604969.33
084	161+10.35	55.69' LT	710.60	236765.10	604969.42
085	160+83.09	68.43' LT	710.97	236738.19	604955.96
086	160+83.14	62.41' LT	710.91	236738.08	604961.98
087	160+89.05	68.48' LT	711.09	236744.15	604956.06
088	160+89.11	62.46' LT	711.01	236744.05	604962.08
091	160+98.24	62.54' LT	710.45	236753.18	604962.24
092	161+04.24	62.60' LT	710.61	236759.18	604962.35

SUMMERHILL NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
093	160+98.18	68.57' LT	710.54	236753.28	604956.22
094	161+19.22	57.59' LT	710.37	236774.02	604967.76
095	161+19.27	63.66' LT	710.59	236774.23	604961.68
096	161+19.27	64.19' LT	710.59	236774.25	604961.16
097	161+04.24	68.63' LT	710.45	236759.34	604956.32
098	161+04.32	69.13' LT	711.45	236759.43	604955.82
099	160+98.18	69.07' LT	711.41	236753.29	604955.72
100	160+89.05	68.98' LT	711.13	236744.16	604955.56
101	161+14.23	59.26' LT	710.47	236769.08	604965.96
102	161+14.28	65.31' LT	710.55	236769.29	604959.90
103	160+89.83	57.02' LT	710.59	236744.62	604967.54
104	160+75.54	66.70' LT	710.59	236730.60	604957.48
105	160+81.96	60.79' LT	710.59	236736.86	604963.56



ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

RADIAL DWF TABLE			
BOC RADIUS	LANDING LENGTH	DWF AREA (SF)	RADIAL LONG CHORD
29.5'	8.7'	16.88	8.1'

NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

THE ENGINEER MAY ADJUST CURB RAMP ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE REQUIREMENTS OF THE STANDARD DETAILS.

DASHED SIDEWALK JOINT LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATIONAL PURPOSES ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.

SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

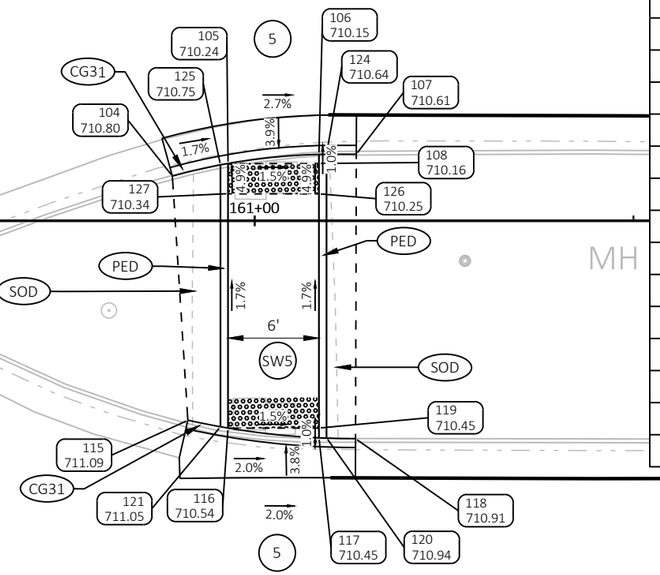
PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - SUMMERHILL PL NW	SHEET 101	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021302-CR_FITZSIMMONS.DWG
LAYOUT NAME - 05
PLOT DATE : 7/15/2026 2:33 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

2

LEGEND

- X — CURB RAMP TYPE
- PED — CONCRETE CURB PEDESTRIAN
- SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- SW5 — CONCRETE SIDEWALK 5-INCH
- ASPH — ASPHALTIC SURFACE SAFETY ISLANDS
- L — LANDING
- UNT — UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- PT — CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
- XXXX YYY.YY — POINT NUMBER & ELEVATION
- GRADE BREAKLINE
- B — PEDESTRIAN PUSH BUTTON
- DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
- CG19 — CONCRETE CURB & GUTTER 19-INCH
- CG30G — CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
- CG30R — CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
- CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- CG31 — CONCRETE CURB & GUTTER 31-INCH
- CA — CONCRETE CURB TYPE A



ESTATES ISLAND NORTH					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
104	160+94.57	2.95' LT	710.80	236747.92	605021.72
105	160+98.24	3.78' LT	710.24	236751.61	605020.98
106	161+04.24	4.38' LT	710.15	236757.62	605020.54
107	161+06.70	4.39' LT	710.61	236760.09	605020.60
108	161+04.24	3.78' LT	710.16	236757.61	605021.14
115	160+95.59	13.16' RT	711.09	236748.51	605037.85
116	160+98.24	13.68' RT	710.54	236751.15	605038.44
117	161+04.24	14.32' RT	710.45	236757.13	605039.24
118	161+06.66	14.37' RT	710.91	236759.54	605039.36
119	161+04.24	13.68' RT	710.45	236757.14	605038.60
120	161+04.74	14.32' RT	710.94	236757.63	605039.25
121	160+97.74	13.59' RT	711.05	236750.65	605038.34
124	161+04.74	4.38' LT	710.64	236758.12	605020.56

ESTATES ISLAND NORTH					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
125	160+97.74	3.69' LT	710.75	236751.11	605021.06
126	161+04.24	1.78' LT	710.25	236757.55	605023.15
127	160+98.26	1.79' LT	710.34	236751.58	605022.97

162+00

CONC

STH 38

NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

THE ENGINEER MAY ADJUST CURB RAMP ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE REQUIREMENTS OF THE STANDARD DETAILS.

DASHED SIDEWALK JOINT LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATIONAL PURPOSES ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.

SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

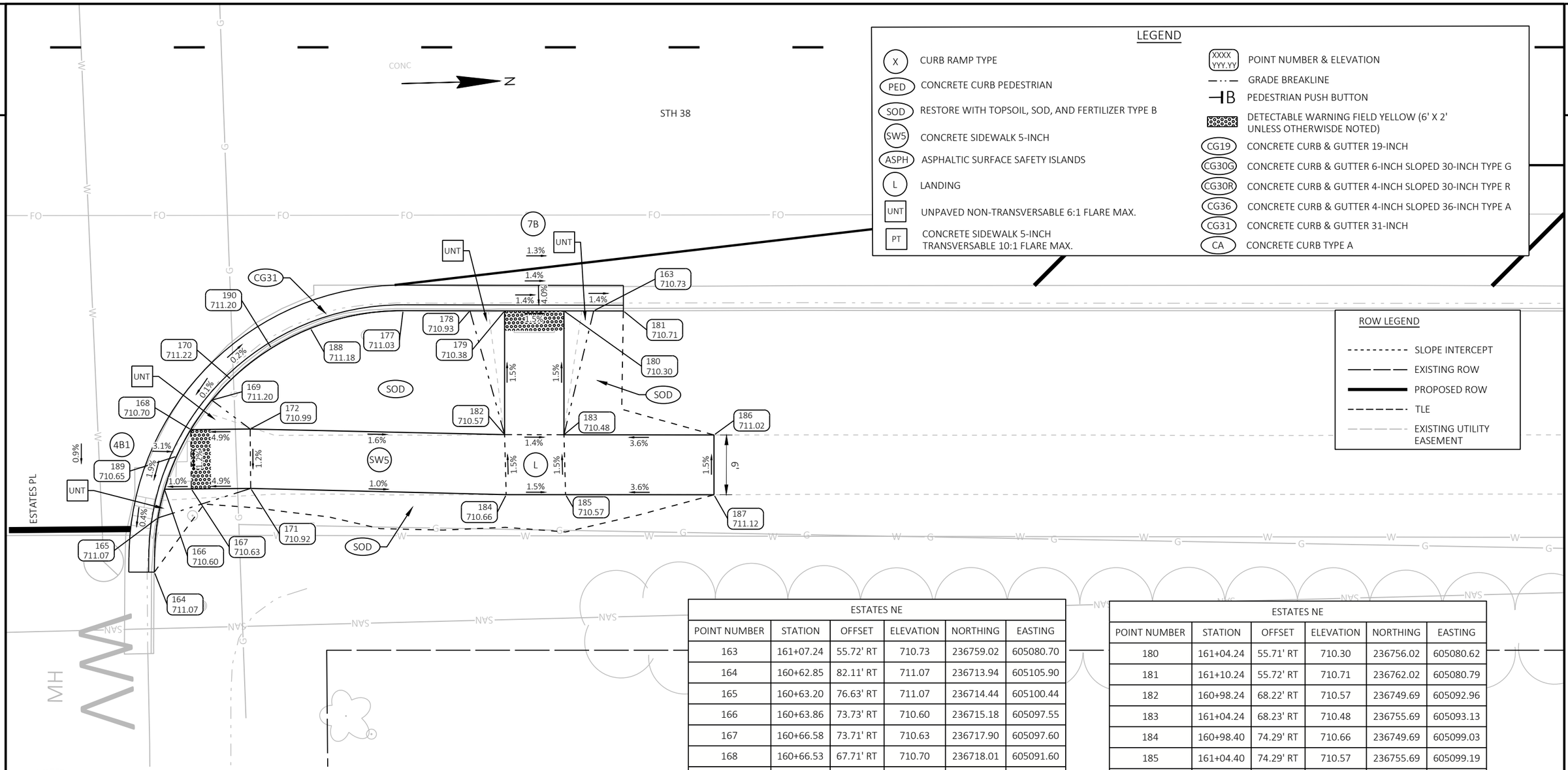
ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - ESTATES PL ISLAND NORTH	SHEET 102	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021302-CR_FITZSIMMONS.DWG
LAYOUT NAME - 06
PLOT DATE : 7/15/2026 2:33 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42



NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

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SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

ESTATES NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
163	161+07.24	55.72' RT	710.73	236759.02	605080.70
164	160+62.85	82.11' RT	711.07	236713.94	605105.90
165	160+63.20	76.63' RT	711.07	236714.44	605100.44
166	160+63.86	73.73' RT	710.60	236715.18	605097.55
167	160+66.58	73.71' RT	710.63	236717.90	605097.60
168	160+66.53	67.71' RT	710.70	236718.01	605091.60
169	160+68.66	64.73' RT	711.20	236720.21	605088.68
170	160+70.61	62.64' RT	711.22	236722.22	605086.65
171	160+72.58	73.65' RT	710.92	236723.90	605097.71
172	160+72.53	67.65' RT	710.99	236724.00	605091.71
177	160+87.98	55.69' RT	711.03	236739.77	605080.16
178	160+94.74	55.70' RT	710.93	236746.53	605080.35
179	160+98.24	55.72' RT	710.38	236750.02	605080.47

ESTATES NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
180	161+04.24	55.71' RT	710.30	236756.02	605080.62
181	161+10.24	55.72' RT	710.71	236762.02	605080.79
182	160+98.24	68.22' RT	710.57	236749.69	605092.96
183	161+04.24	68.23' RT	710.48	236755.69	605093.13
184	160+98.40	74.29' RT	710.66	236749.69	605099.03
185	161+04.40	74.29' RT	710.57	236755.69	605099.19
186	161+19.39	68.26' RT	711.02	236770.84	605093.56
187	161+19.39	74.29' RT	711.12	236770.68	605099.59
188	160+78.62	57.48' RT	711.18	236730.37	605081.70
189	160+65.09	70.42' RT	710.65	236716.49	605094.27
190	160+74.67	59.48' RT	711.20	236726.37	605083.59

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - ESTATES PL NE	SHEET 103	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021302-CR_FITZSIMMONS.DWG
LAYOUT NAME - 07
PLOT DATE : 7/15/2026 2:33 PM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

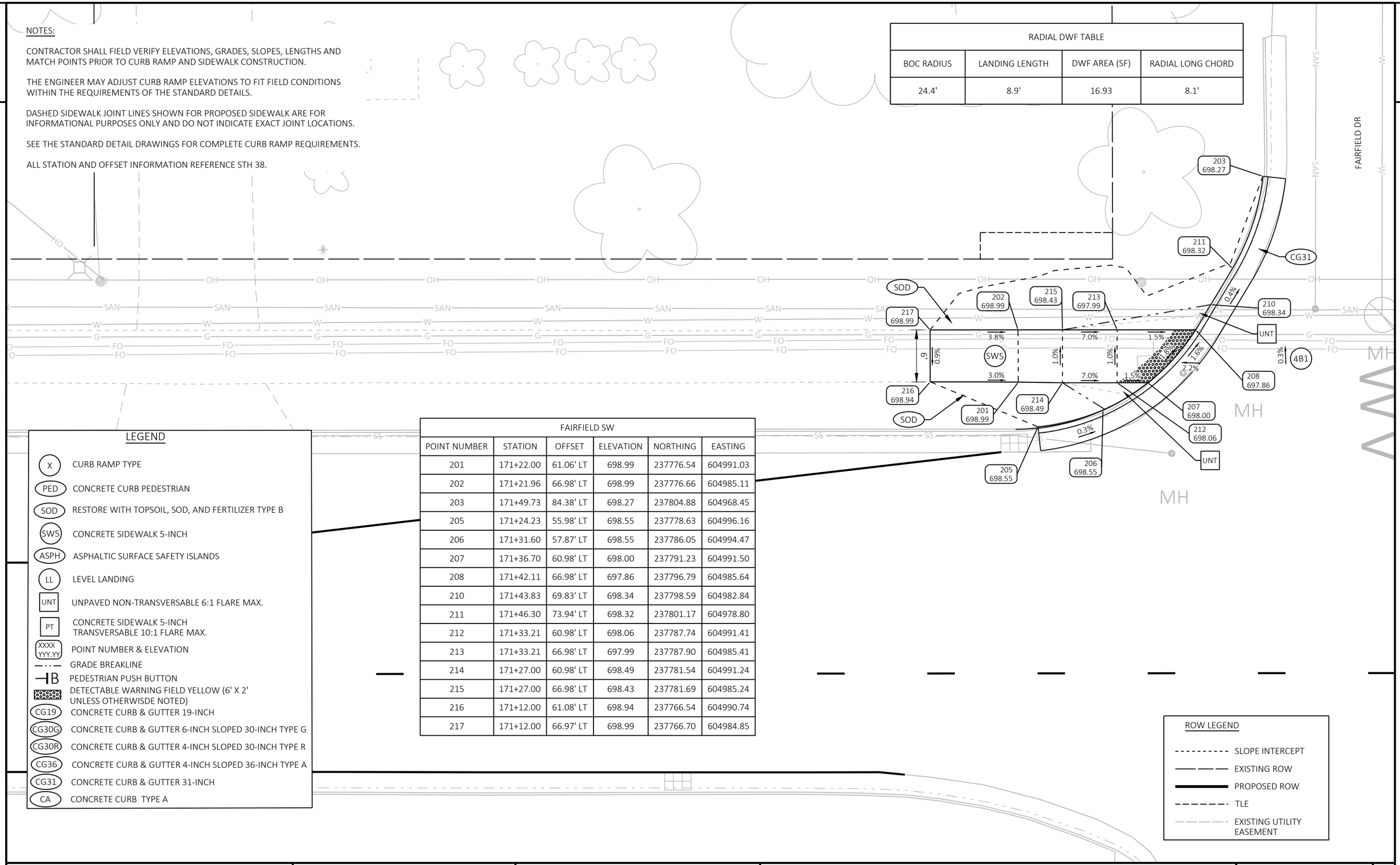
THE ENGINEER MAY ADJUST CURB RAMP ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE REQUIREMENTS OF THE STANDARD DETAILS.

DASHED SIDEWALK JOINT LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATIONAL PURPOSES ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.

SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

RADIAL DWF TABLE			
BOC RADIUS	LANDING LENGTH	DWF AREA (SF)	RADIAL LONG CHORD
24.4'	8.9'	16.93	8.1'



FAIRFIELD SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
201	171+22.00	61.06' LT	698.99	237776.54	604991.03
202	171+21.96	66.98' LT	698.99	237776.66	604985.11
203	171+49.73	84.38' LT	698.27	237804.88	604968.45
205	171+24.23	55.98' LT	698.55	237778.63	604996.16
206	171+31.60	57.87' LT	698.55	237786.05	604994.47
207	171+36.70	60.98' LT	698.00	237791.23	604991.50
208	171+42.11	66.98' LT	697.86	237796.79	604985.64
210	171+43.83	69.83' LT	698.34	237798.59	604982.84
211	171+46.30	73.94' LT	698.32	237801.17	604978.80
212	171+33.21	60.98' LT	698.06	237787.74	604991.41
213	171+33.21	66.98' LT	697.99	237787.90	604985.41
214	171+27.00	60.98' LT	698.49	237781.54	604991.24
215	171+27.00	66.98' LT	698.43	237781.69	604985.24
216	171+12.00	61.08' LT	698.94	237766.54	604990.74
217	171+12.00	66.97' LT	698.99	237766.70	604984.85

LEGEND

- (X) CURB RAMP TYPE
- (PED) CONCRETE CURB PEDESTRIAN
- (SOD) RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- (SW5) CONCRETE SIDEWALK 5-INCH
- (ASPH) ASPHALTIC SURFACE SAFETY ISLANDS
- (LL) LEVEL LANDING
- [UNT] UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- [PT] CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
- (XXXX YYY.YY) POINT NUMBER & ELEVATION
- GRADE BREAKLINE
- PEDESTRIAN PUSH BUTTON
- DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
- (CG19) CONCRETE CURB & GUTTER 19-INCH
- (CG30G) CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
- (CG30R) CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
- (CG36) CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- (CG31) CONCRETE CURB & GUTTER 31-INCH
- (CA) CONCRETE CURB TYPE A

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - FAIRFIELD DR SW	SHEET 104	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021302-CR_FITZSIMMONS.DWG
LAYOUT NAME - 08
PLOT DATE : 7/15/2026 2:33 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

LEGEND

- X — CURB RAMP TYPE
- PED — CONCRETE CURB PEDESTRIAN
- SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- SW5 — CONCRETE SIDEWALK 5-INCH
- ASPH — ASPHALTIC SURFACE SAFETY ISLANDS
- L — LANDING
- UNT — UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- PT — CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
- XXXX YYY.YY — POINT NUMBER & ELEVATION
- GRADE BREAKLINE
- PEDESTRIAN PUSH BUTTON
- DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
- CG19 — CONCRETE CURB & GUTTER 19-INCH
- CG30G — CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
- CG30R — CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
- CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- CG31 — CONCRETE CURB & GUTTER 31-INCH
- CA — CONCRETE CURB TYPE A

NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

THE ENGINEER MAY ADJUST CURB RAMP ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE REQUIREMENTS OF THE STANDARD DETAILS.

DASHED SIDEWALK JOINT LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATIONAL PURPOSES ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.

SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

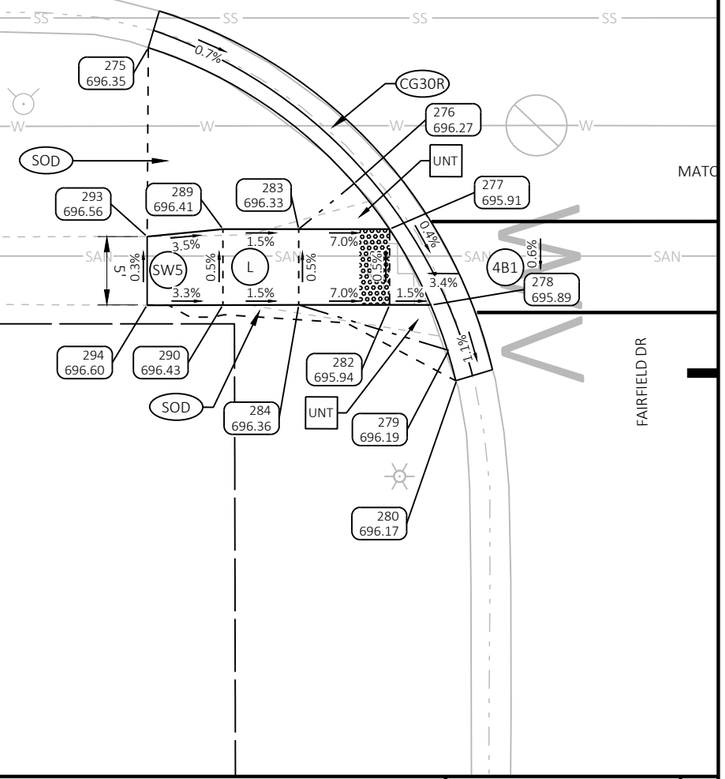
ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

N

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

STH 38



FAIRFIELD SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
275	171+27.33	56.78' RT	696.35	237778.72	605108.96
276	171+40.89	65.75' RT	696.27	237792.04	605118.30
277	171+43.25	68.75' RT	695.91	237794.32	605121.36
278	171+46.03	73.75' RT	695.89	237796.96	605126.43
279	171+47.15	76.75' RT	696.19	237798.00	605129.46
280	171+47.68	78.70' RT	696.17	237798.48	605131.42
282	171+43.25	73.75' RT	695.94	237794.18	605126.36
283	171+37.25	68.75' RT	696.33	237788.32	605121.20
284	171+37.25	73.75' RT	696.36	237788.18	605126.20
289	171+32.25	68.75' RT	696.41	237783.32	605121.07
290	171+32.25	73.75' RT	696.43	237783.19	605126.06
293	171+27.25	69.24' RT	696.56	237778.31	605121.42
294	171+27.25	73.75' RT	696.60	237778.19	605125.93

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - FAIRFIELD DR SE	SHEET 105	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021302-CR_FITZSIMMONS.DWG
LAYOUT NAME - 09
PLOT DATE : 7/15/2026 2:34 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

FAIRFIELD NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
238	171+78.63	69.99' LT	698.18	237833.38	604983.61
239	171+80.53	66.99' LT	697.77	237835.21	604986.66
240	171+86.62	61.00' LT	697.76	237841.13	604992.81
241	171+91.75	58.00' LT	698.00	237846.18	604995.95
242	172+00.49	55.86' LT	698.31	237854.86	604998.32
243	172+05.50	55.69' LT	697.83	237859.86	604998.62
244	172+11.50	55.67' LT	697.80	237865.86	604998.80
245	172+14.50	55.66' LT	698.29	237868.86	604998.89
246	171+95.29	67.00' LT	697.88	237849.95	604987.04
247	171+90.29	67.00' LT	697.88	237844.96	604986.91
248	171+90.29	61.00' LT	697.82	237844.80	604992.91
249	171+99.19	55.97' LT	697.82	237853.57	604998.17
250	171+95.29	61.00' LT	697.87	237849.80	604993.04

FAIRFIELD NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
251	172+05.37	61.00' LT	697.99	237859.88	604993.31
252	172+11.39	61.00' LT	697.96	237865.89	604993.47
253	172+05.37	67.00' LT	698.05	237860.04	604987.31
254	172+11.41	67.00' LT	698.03	237866.08	604987.47
257	172+18.54	55.70' LT	698.27	237872.90	604998.96
261	172+22.37	61.03' LT	698.41	237876.87	604993.73
262	172+22.23	66.96' LT	698.43	237876.89	604987.80

N

NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

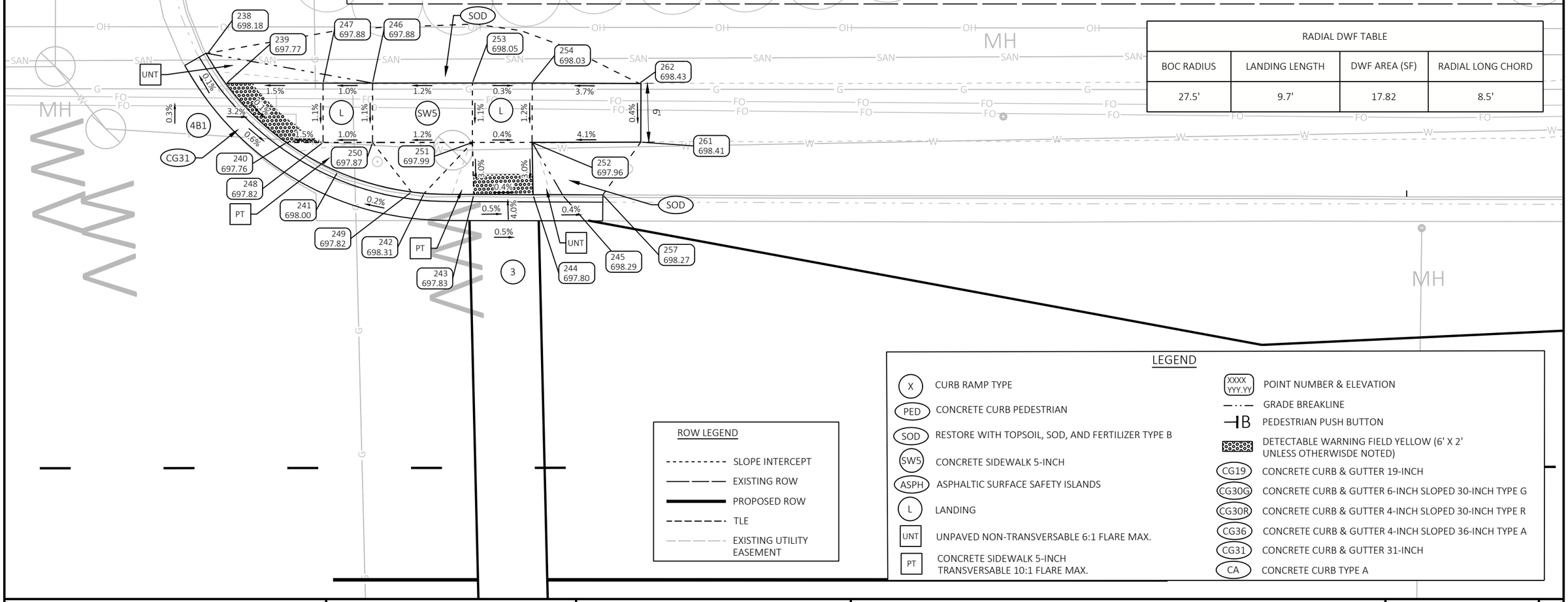
THE ENGINEER MAY ADJUST CURB RAMP ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE REQUIREMENTS OF THE STANDARD DETAILS.

DASHED SIDEWALK JOINT LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATIONAL PURPOSES ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.

SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

FAIRFIELD DR



RADIAL DWF TABLE			
BOC RADIUS	LANDING LENGTH	DWF AREA (SF)	RADIAL LONG CHORD
27.5'	9.7'	17.82	8.5'

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

LEGEND

- X — CURB RAMP TYPE
- PED — CONCRETE CURB PEDESTRIAN
- SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- SW5 — CONCRETE SIDEWALK 5-INCH
- ASPH — ASPHALTIC SURFACE SAFETY ISLANDS
- L — LANDING
- UNT — UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- PT — CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
- XXXX YYY.YY — POINT NUMBER & ELEVATION
- GRADE BREAKLINE
- B — PEDESTRIAN PUSH BUTTON
- DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
- CG19 — CONCRETE CURB & GUTTER 19-INCH
- CG30G — CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
- CG30R — CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
- CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- CG31 — CONCRETE CURB & GUTTER 31-INCH
- CA — CONCRETE CURB TYPE A

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - FAIRFIELD DR NW	SHEET 106	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021302-CR_FITZSIMMONS.DWG
LAYOUT NAME - 10
PLOT DATE : 7/15/2026 2:34 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

2

NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

THE ENGINEER MAY ADJUST CURB RAMP ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE REQUIREMENTS OF THE STANDARD DETAILS.

DASHED SIDEWALK JOINT LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATIONAL PURPOSES ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.

SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

2

2

0.2%

PED

PED

172+00

MH

SW5

REMOVE AND REPLACE DWF, MATCH EXISTING SIDEWALK GRADES

PED

PED

0.5%

N

SW5

REMOVE & REPLACE DWF, MATCH EXISTING SIDEWALK GRADES

1.9%

5'

FAIRFIELD DR

MH

LEGEND

X	CURB RAMP TYPE
PED	CONCRETE CURB PEDESTRIAN
SOD	RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
SW5	CONCRETE SIDEWALK 5-INCH
ASPH	ASPHALTIC SURFACE SAFETY ISLANDS
LL	LEVEL LANDING
UNT	UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
PT	CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
XXXX YYY.YY	POINT NUMBER & ELEVATION
	GRADE BREAKLINE
B	PEDESTRIAN PUSH BUTTON
	DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
CG19	CONCRETE CURB & GUTTER 19-INCH
CG30G	CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
CG30R	CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
CG36	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
CG31	CONCRETE CURB & GUTTER 31-INCH
CA	CONCRETE CURB TYPE A

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - FAIRFIELD DR ISLAND NORTH & NE	SHEET 107	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021302-CR_FITZSIMMONS.DWG
LAYOUT NAME - 11

PLOT DATE : 7/15/2026 2:34 PM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1 IN:10 FT

LEGEND

X — CURB RAMP TYPE	XXXX YYY.YY — POINT NUMBER & ELEVATION
PED — CONCRETE CURB PEDESTRIAN	GRADE BREAKLINE
SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B	B — PEDESTRIAN PUSH BUTTON
SW5 — CONCRETE SIDEWALK 5-INCH	DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
ASPH — ASPHALTIC SURFACE SAFETY ISLANDS	CG19 — CONCRETE CURB & GUTTER 19-INCH
L — LANDING	CG30G — CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
UNT — UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.	CG30R — CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
PT — CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.	CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
	CG31 — CONCRETE CURB & GUTTER 31-INCH
	CA — CONCRETE CURB TYPE A

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

+76.05
-105.55' LT

NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

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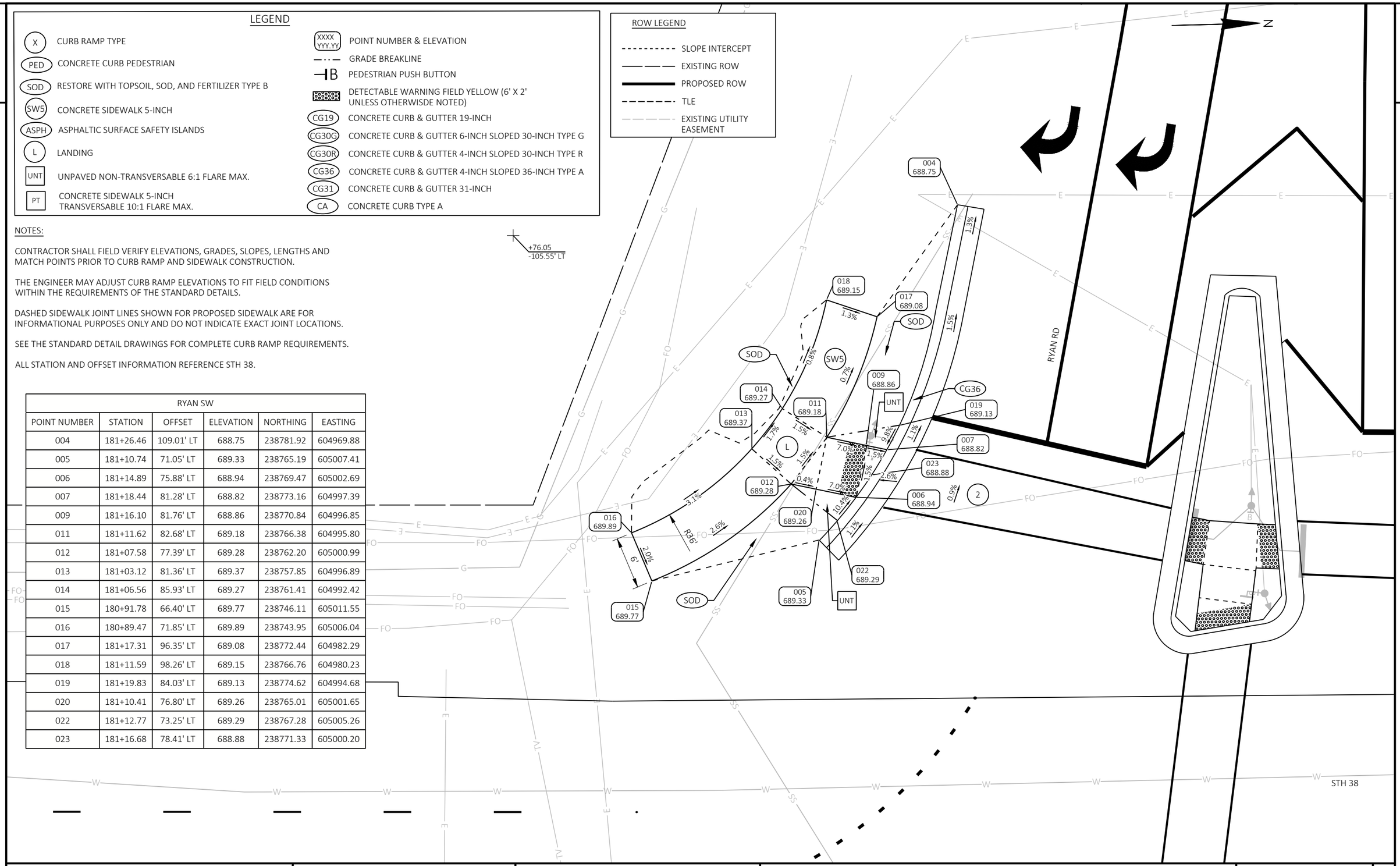
DASHED SIDEWALK JOINT LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATIONAL PURPOSES ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.

SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

RYAN SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
004	181+26.46	109.01' LT	688.75	238781.92	604969.88
005	181+10.74	71.05' LT	689.33	238765.19	605007.41
006	181+14.89	75.88' LT	688.94	238769.47	605002.69
007	181+18.44	81.28' LT	688.82	238773.16	604997.39
009	181+16.10	81.76' LT	688.86	238770.84	604996.85
011	181+11.62	82.68' LT	689.18	238766.38	604995.80
012	181+07.58	77.39' LT	689.28	238762.20	605000.99
013	181+03.12	81.36' LT	689.37	238757.85	604996.89
014	181+06.56	85.93' LT	689.27	238761.41	604992.42
015	180+91.78	66.40' LT	689.77	238746.11	605011.55
016	180+89.47	71.85' LT	689.89	238743.95	605006.04
017	181+17.31	96.35' LT	689.08	238772.44	604982.29
018	181+11.59	98.26' LT	689.15	238766.76	604980.23
019	181+19.83	84.03' LT	689.13	238774.62	604994.68
020	181+10.41	76.80' LT	689.26	238765.01	605001.65
022	181+12.77	73.25' LT	689.29	238767.28	605005.26
023	181+16.68	78.41' LT	688.88	238771.33	605000.20



2

RYAN ISLAND SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
034	181+60.24	98.61' LT	689.45	238815.41	604981.17
035	181+57.27	98.73' LT	689.48	238812.44	604980.98
049	181+53.23	73.61' LT	688.90	238807.74	605005.99
050	181+52.23	68.71' LT	688.85	238806.60	605010.85
051	181+51.17	62.39' LT	689.33	238805.37	605017.14
052	181+53.38	60.74' LT	688.80	238807.54	605018.85
053	181+57.01	61.35' LT	688.77	238811.18	605018.34
054	181+59.55	61.77' LT	688.74	238813.74	605017.98
056	181+63.20	64.72' LT	689.20	238817.47	605015.13
057	181+62.94	67.75' LT	689.23	238817.28	605012.10
058	181+62.50	72.77' LT	688.79	238816.98	605007.07
061	181+55.19	73.20' LT	688.94	238809.69	605006.44
062	181+54.30	68.28' LT	688.89	238808.67	605011.34
064	181+52.87	60.69' LT	689.31	238807.03	605018.89
066	181+53.84	64.49' LT	688.84	238808.10	605015.11
067	181+59.79	63.76' LT	688.76	238814.03	605016.00
070	181+60.28	67.87' LT	688.81	238814.63	605011.91
072	181+61.13	62.04' LT	689.22	238815.32	605017.76
073	181+60.50	72.86' LT	688.85	238814.98	605006.92

NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

THE ENGINEER MAY ADJUST CURB RAMP ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE REQUIREMENTS OF THE STANDARD DETAILS.

DASHED SIDEWALK JOINT LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATIONAL PURPOSES ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.

SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

LEGEND

- X — CURB RAMP TYPE
- PED — CONCRETE CURB PEDESTRIAN
- SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- SW5 — CONCRETE SIDEWALK 5-INCH
- ASPH — ASPHALTIC SURFACE SAFETY ISLANDS
- L — LANDING
- UNT — UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- PT — CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
- XXXX YYY.YY — POINT NUMBER & ELEVATION
- GRADE BREAKLINE
- B — PEDESTRIAN PUSH BUTTON
- DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
- CG19 — CONCRETE CURB & GUTTER 19-INCH
- CG30G — CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
- CG30R — CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
- CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- CG31 — CONCRETE CURB & GUTTER 31-INCH
- CA — CONCRETE CURB TYPE A

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

RYAN RD

REVERSE SLOPE GUTTER CG30G

035 689.48
034 689.45
033 689.33
032 689.31
031 688.84
030 688.80
029 688.77
028 688.76
027 688.74
026 689.22
025 689.20
024 689.23
023 688.81
022 688.79
021 688.85
020 688.89
019 688.90
018 688.94
017 688.85

STH 38

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - RYAN RD SW ISLAND	SHEET 109	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021303A-CR_RYANRD - ISLANDS.DWG
LAYOUT NAME - 01 ISLAND
PLOT DATE : 7/15/2026 2:35 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

RYAN SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
182	181+37.77	66.25' RT	687.88	238788.55	605145.38
183	181+48.02	85.95' RT	687.97	238798.27	605165.34
184	181+41.77	73.69' RT	687.83	238792.35	605152.92
185	181+42.10	86.10' RT	688.14	238792.34	605165.34
186	181+21.98	56.23' RT	688.56	238773.04	605134.94
187	181+35.57	59.74' RT	688.35	238786.53	605138.82
188	181+38.41	61.20' RT	687.82	238789.33	605140.35
189	181+43.98	65.00' RT	687.77	238794.79	605144.29
190	181+45.81	66.59' RT	687.89	238796.58	605145.94
191	181+47.30	68.05' RT	687.85	238798.03	605147.43
192	181+48.99	69.90' RT	687.62	238799.67	605149.33
193	181+53.13	75.74' RT	687.50	238803.65	605155.28
194	181+57.66	87.68' RT	687.93	238807.86	605167.33
195	181+38.03	64.24' RT	687.86	238788.86	605143.38
196	181+37.58	67.76' RT	687.89	238788.32	605146.88

RYAN SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
197	181+37.67	73.76' RT	687.92	238788.25	605152.88
198	181+31.58	67.85' RT	688.15	238782.32	605146.81
199	181+31.67	73.85' RT	688.20	238782.25	605152.81
200	181+43.73	66.98' RT	687.79	238794.48	605146.27
201	181+45.36	68.48' RT	687.78	238796.08	605147.81
202	181+47.00	69.98' RT	687.76	238797.67	605149.36
203	181+49.23	75.90' RT	687.53	238799.75	605155.33
204	181+47.23	75.97' RT	687.67	238797.75	605155.35
205	181+41.83	76.11' RT	687.78	238792.35	605155.35
206	181+47.63	80.95' RT	687.91	238798.01	605160.34
207	181+41.96	81.02' RT	688.03	238792.35	605160.25
208	181+54.60	78.56' RT	687.89	238805.05	605158.13
209	181+45.11	65.96' RT	687.84	238795.89	605145.28
210	181+34.34	59.20' RT	688.37	238785.31	605138.24

STH 38

RYAN RD

LEGEND

X	CURB RAMP TYPE
PED	CONCRETE CURB PEDESTRIAN
SOD	RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
SW5	CONCRETE SIDEWALK 5-INCH
ASPH	ASPHALTIC SURFACE SAFETY ISLANDS
L	LANDING
UNT	UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
PT	CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
XXXX YYY.YY	POINT NUMBER & ELEVATION
	GRADE BREAKLINE
B	PEDESTRIAN PUSH BUTTON
	DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
CG19	CONCRETE CURB & GUTTER 19-INCH
CG30G	CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
CG30R	CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
CG36	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
CG31	CONCRETE CURB & GUTTER 31-INCH
CA	CONCRETE CURB TYPE A

NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

THE ENGINEER MAY ADJUST CURB RAMP ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE REQUIREMENTS OF THE STANDARD DETAILS.

DASHED SIDEWALK JOINT LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATIONAL PURPOSES ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.

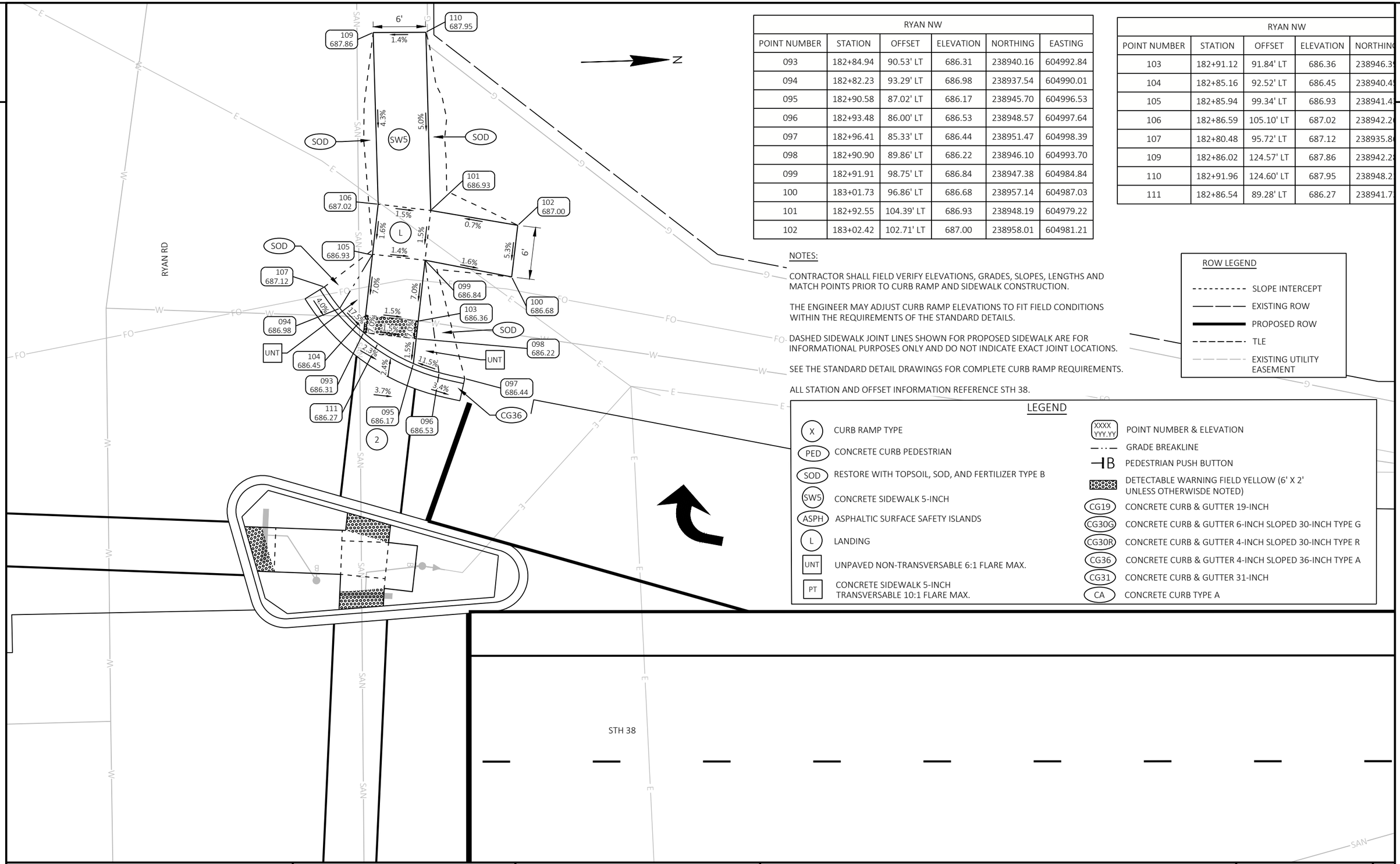
SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - RYAN RD SE	SHEET 110 E



RYAN NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
093	182+84.94	90.53' LT	686.31	238940.16	604992.84
094	182+82.23	93.29' LT	686.98	238937.54	604990.01
095	182+90.58	87.02' LT	686.17	238945.70	604996.53
096	182+93.48	86.00' LT	686.53	238948.57	604997.64
097	182+96.41	85.33' LT	686.44	238951.47	604998.39
098	182+90.90	89.86' LT	686.22	238946.10	604993.70
099	182+91.91	98.75' LT	686.84	238947.38	604984.84
100	183+01.73	96.86' LT	686.68	238957.14	604987.03
101	182+92.55	104.39' LT	686.93	238948.19	604979.22
102	183+02.42	102.71' LT	687.00	238958.01	604981.21

RYAN NW				
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING
103	182+91.12	91.84' LT	686.36	238946.3
104	182+85.16	92.52' LT	686.45	238940.4
105	182+85.94	99.34' LT	686.93	238941.4
106	182+86.59	105.10' LT	687.02	238942.2
107	182+80.48	95.72' LT	687.12	238935.8
109	182+86.02	124.57' LT	687.86	238942.2
110	182+91.96	124.60' LT	687.95	238948.2
111	182+86.54	89.28' LT	686.27	238941.7

NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

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DASHED SIDEWALK JOINT LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATIONAL PURPOSES ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.

SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

LEGEND

- (X) CURB RAMP TYPE
- (PED) CONCRETE CURB PEDESTRIAN
- (SOD) RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- (SW5) CONCRETE SIDEWALK 5-INCH
- (ASPH) ASPHALTIC SURFACE SAFETY ISLANDS
- (L) LANDING
- (UNT) UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- (PT) CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
- (XXXX YYY.YY) POINT NUMBER & ELEVATION
- GRADE BREAKLINE
- B PEDESTRIAN PUSH BUTTON
- DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
- (CG19) CONCRETE CURB & GUTTER 19-INCH
- (CG30G) CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
- (CG30R) CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
- (CG36) CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- (CG31) CONCRETE CURB & GUTTER 31-INCH
- (CA) CONCRETE CURB TYPE A

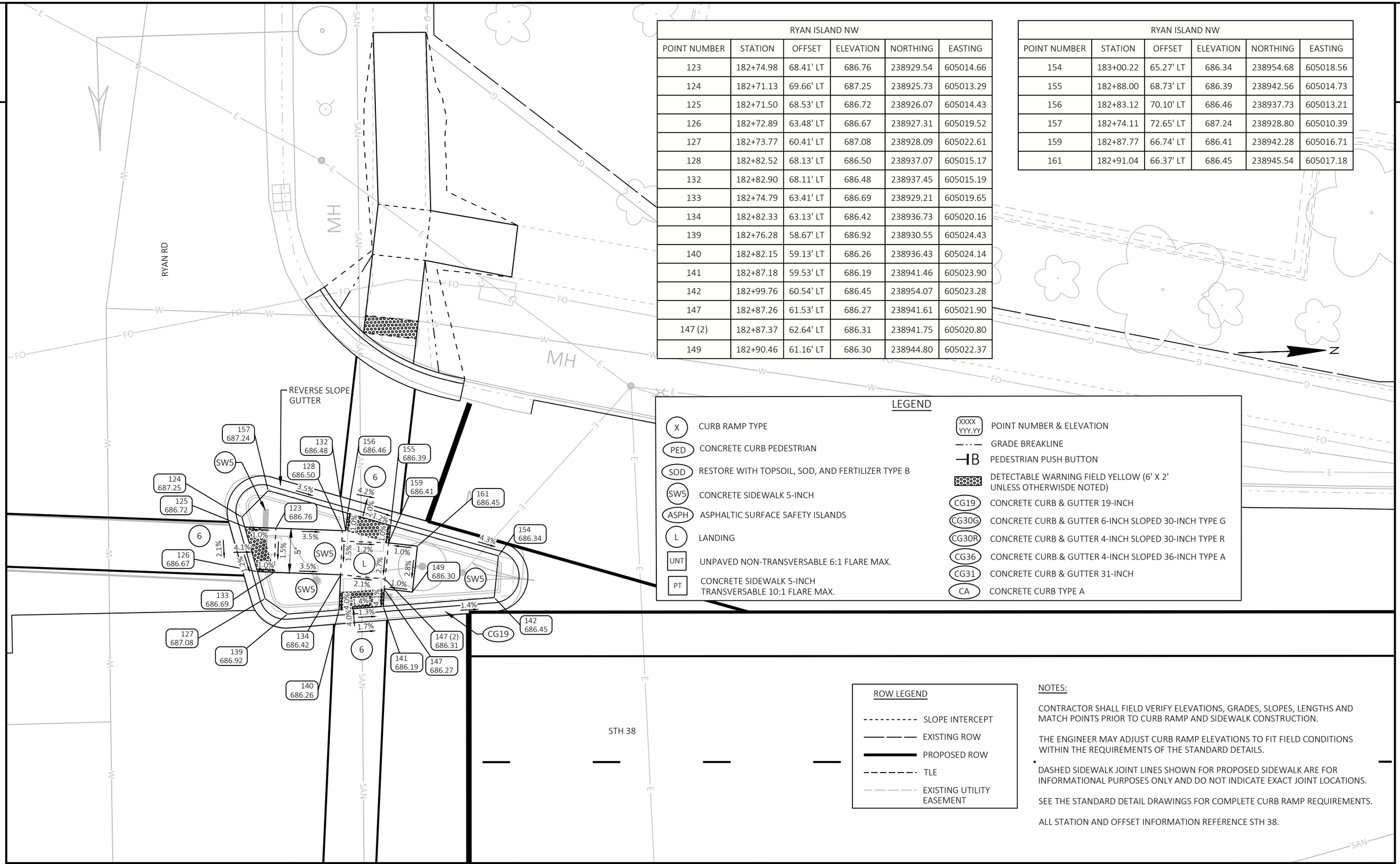
PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - RYAN RD NW	SHEET 111	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021303-CR_RYANRD.DWG
LAYOUT NAME - 03
PLOT DATE : 7/15/2026 2:35 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

2

RYAN ISLAND NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
123	182+74.98	68.41' LT	686.76	238929.54	605014.66
124	182+71.13	69.66' LT	687.25	238925.73	605013.29
125	182+71.50	68.53' LT	686.72	238926.07	605014.43
126	182+72.89	63.48' LT	686.67	238927.31	605019.52
127	182+73.77	60.41' LT	687.08	238928.09	605022.61
128	182+82.52	68.13' LT	686.50	238937.07	605015.17
132	182+82.90	68.11' LT	686.48	238937.45	605015.19
133	182+74.79	63.41' LT	686.69	238929.21	605019.65
134	182+82.33	63.13' LT	686.42	238936.73	605020.16
139	182+76.28	58.67' LT	686.92	238930.55	605024.43
140	182+82.15	59.13' LT	686.26	238936.43	605024.14
141	182+87.18	59.53' LT	686.19	238941.46	605023.90
142	182+99.76	60.54' LT	686.45	238954.07	605023.28
147	182+87.26	61.53' LT	686.27	238941.61	605021.90
147 (2)	182+87.37	62.64' LT	686.31	238941.75	605020.80
149	182+90.46	61.16' LT	686.30	238944.80	605022.37

RYAN ISLAND NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
154	183+00.22	65.27' LT	686.34	238954.68	605018.56
155	182+88.00	68.73' LT	686.39	238942.56	605014.73
156	182+83.12	70.10' LT	686.46	238937.73	605013.21
157	182+74.11	72.65' LT	687.24	238928.80	605010.39
159	182+87.77	66.74' LT	686.41	238942.28	605016.71
161	182+91.04	66.37' LT	686.45	238945.54	605017.18



LEGEND

- X — CURB RAMP TYPE
- PED — CONCRETE CURB PEDESTRIAN
- SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- SW5 — CONCRETE SIDEWALK 5-INCH
- ASPH — ASPHALTIC SURFACE SAFETY ISLANDS
- L — LANDING
- UNT — UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- PT — CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
- XXXX YYY.YY — POINT NUMBER & ELEVATION
- GRADE BREAKLINE
- PEDESTRIAN PUSH BUTTON
- DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
- CG19 — CONCRETE CURB & GUTTER 19-INCH
- CG30G — CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
- CG30R — CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
- CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- CG31 — CONCRETE CURB & GUTTER 31-INCH
- CA — CONCRETE CURB TYPE A

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

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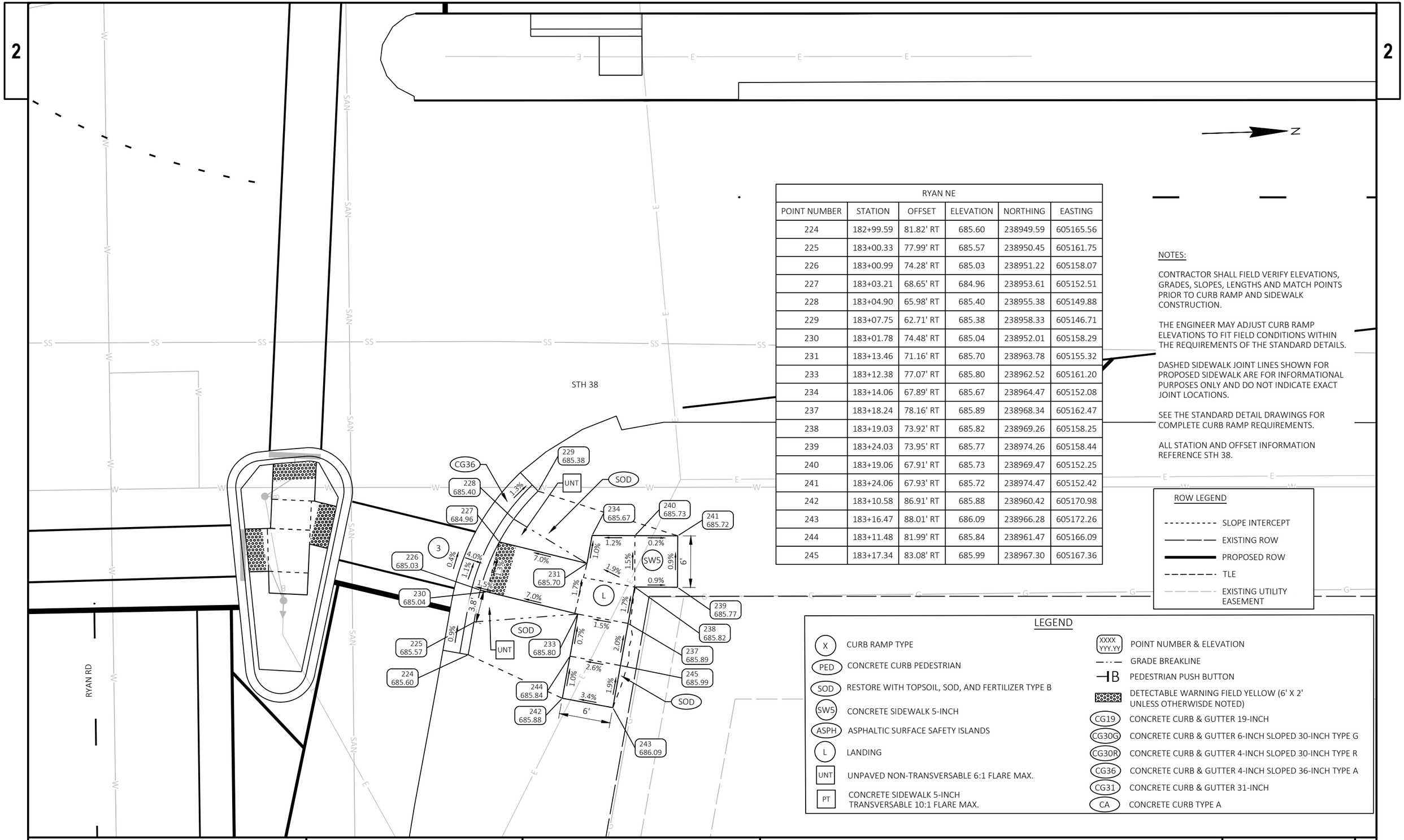
DASHED SIDEWALK JOINT LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATIONAL PURPOSES ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.

SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - RYAN RD NW ISLAND	SHEET 112	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021303A-CR_RYANRD - ISLANDS.DWG
LAYOUT NAME - 03 ISLAND
PLOT DATE : 7/15/2026 2:36 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42



RYAN NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
224	182+99.59	81.82' RT	685.60	238949.59	605165.56
225	183+00.33	77.99' RT	685.57	238950.45	605161.75
226	183+00.99	74.28' RT	685.03	238951.22	605158.07
227	183+03.21	68.65' RT	684.96	238953.61	605152.51
228	183+04.90	65.98' RT	685.40	238955.38	605149.88
229	183+07.75	62.71' RT	685.38	238958.33	605146.71
230	183+01.78	74.48' RT	685.04	238952.01	605158.29
231	183+13.46	71.16' RT	685.70	238963.78	605155.32
233	183+12.38	77.07' RT	685.80	238962.52	605161.20
234	183+14.06	67.89' RT	685.67	238964.47	605152.08
237	183+18.24	78.16' RT	685.89	238968.34	605162.47
238	183+19.03	73.92' RT	685.82	238969.26	605158.25
239	183+24.03	73.95' RT	685.77	238974.26	605158.44
240	183+19.06	67.91' RT	685.73	238969.47	605152.25
241	183+24.06	67.93' RT	685.72	238974.47	605152.42
242	183+10.58	86.91' RT	685.88	238960.42	605170.98
243	183+16.47	88.01' RT	686.09	238966.28	605172.26
244	183+11.48	81.99' RT	685.84	238961.47	605166.09
245	183+17.34	83.08' RT	685.99	238967.30	605167.36

NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

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SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

LEGEND

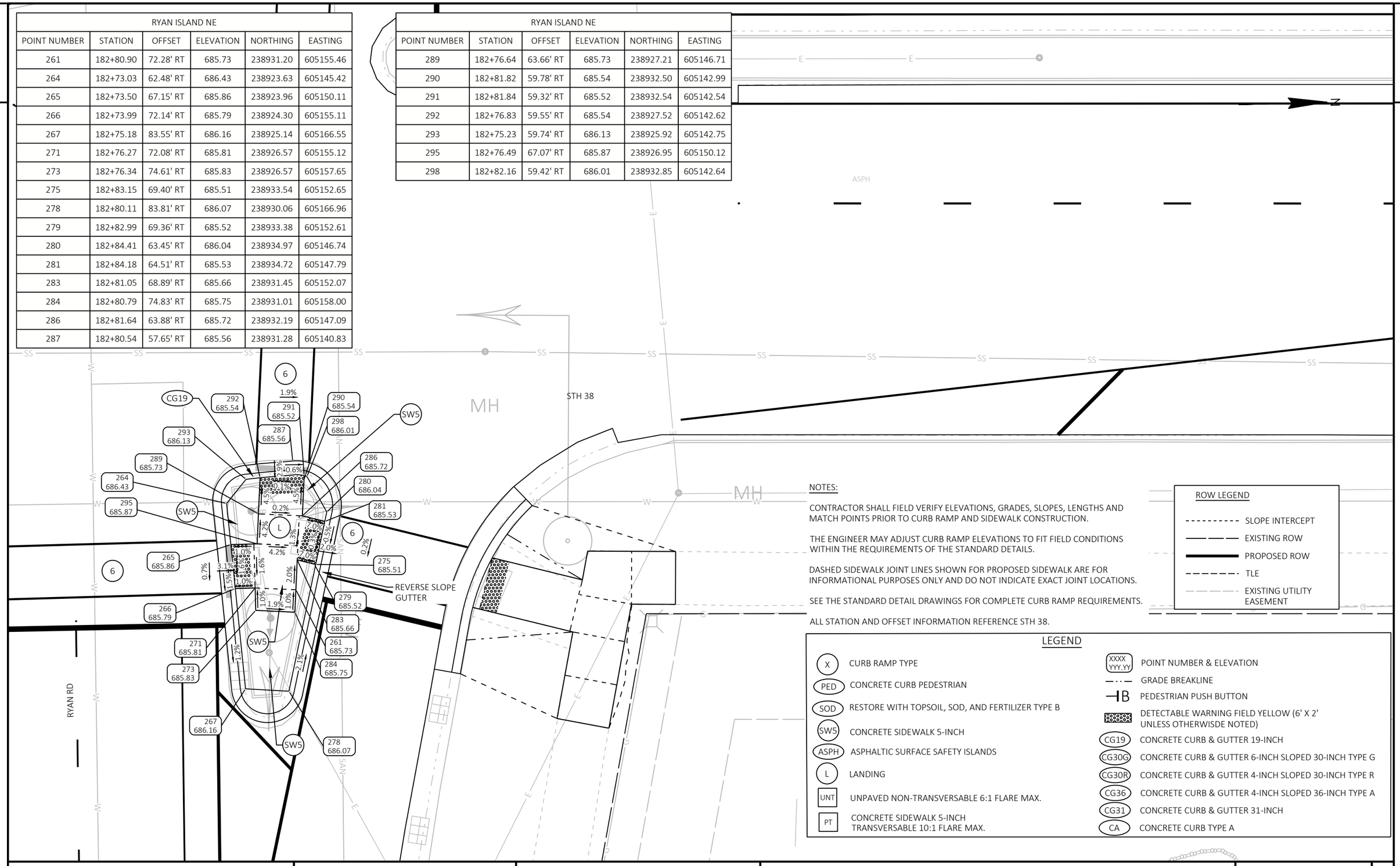
- X — CURB RAMP TYPE
- PED — CONCRETE CURB PEDESTRIAN
- SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- SW5 — CONCRETE SIDEWALK 5-INCH
- ASPH — ASPHALTIC SURFACE SAFETY ISLANDS
- L — LANDING
- UNT — UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- PT — CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
- XXXX YYY.YY — POINT NUMBER & ELEVATION
- GRADE BREAKLINE
- PEDESTRIAN PUSH BUTTON
- DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
- CG19 — CONCRETE CURB & GUTTER 19-INCH
- CG30G — CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
- CG30R — CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
- CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- CG31 — CONCRETE CURB & GUTTER 31-INCH
- CA — CONCRETE CURB TYPE A

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - RYAN RD NE	SHEET 113	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021303-CR_RYANRD.DWG
LAYOUT NAME - 04
PLOT DATE : 7/15/2026 2:36 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

RYAN ISLAND NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
261	182+80.90	72.28' RT	685.73	238931.20	605155.46
264	182+73.03	62.48' RT	686.43	238923.63	605145.42
265	182+73.50	67.15' RT	685.86	238923.96	605150.11
266	182+73.99	72.14' RT	685.79	238924.30	605155.11
267	182+75.18	83.55' RT	686.16	238925.14	605166.55
271	182+76.27	72.08' RT	685.81	238926.57	605155.12
273	182+76.34	74.61' RT	685.83	238926.57	605157.65
275	182+83.15	69.40' RT	685.51	238933.54	605152.65
278	182+80.11	83.81' RT	686.07	238930.06	605166.96
279	182+82.99	69.36' RT	685.52	238933.38	605152.61
280	182+84.41	63.45' RT	686.04	238934.97	605146.74
281	182+84.18	64.51' RT	685.53	238934.72	605147.79
283	182+81.05	68.89' RT	685.66	238931.45	605152.07
284	182+80.79	74.83' RT	685.75	238931.01	605158.00
286	182+81.64	63.88' RT	685.72	238932.19	605147.09
287	182+80.54	57.65' RT	685.56	238931.28	605140.83

RYAN ISLAND NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
289	182+76.64	63.66' RT	685.73	238927.21	605146.71
290	182+81.82	59.78' RT	685.54	238932.50	605142.99
291	182+81.84	59.32' RT	685.52	238932.54	605142.54
292	182+76.83	59.55' RT	685.54	238927.52	605142.62
293	182+75.23	59.74' RT	686.13	238925.92	605142.75
295	182+76.49	67.07' RT	685.87	238926.95	605150.12
298	182+82.16	59.42' RT	686.01	238932.85	605142.64



NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

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ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

LEGEND

- X — CURB RAMP TYPE
- PED — CONCRETE CURB PEDESTRIAN
- SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- SW5 — CONCRETE SIDEWALK 5-INCH
- ASPH — ASPHALTIC SURFACE SAFETY ISLANDS
- L — LANDING
- UNT — UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- PT — CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
- XXXX YYY.YY — POINT NUMBER & ELEVATION
- GRADE BREAKLINE
- PB — PEDESTRIAN PUSH BUTTON
- DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
- CG19 — CONCRETE CURB & GUTTER 19-INCH
- CG30G — CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
- CG30R — CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
- CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- CG31 — CONCRETE CURB & GUTTER 31-INCH
- CA — CONCRETE CURB TYPE A

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - RYAN RD NE ISLAND	SHEET 114	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021303A-CR_RYANRD - ISLANDS.DWG
LAYOUT NAME - 04 ISLAND
PLOT DATE : 7/15/2026 2:37 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

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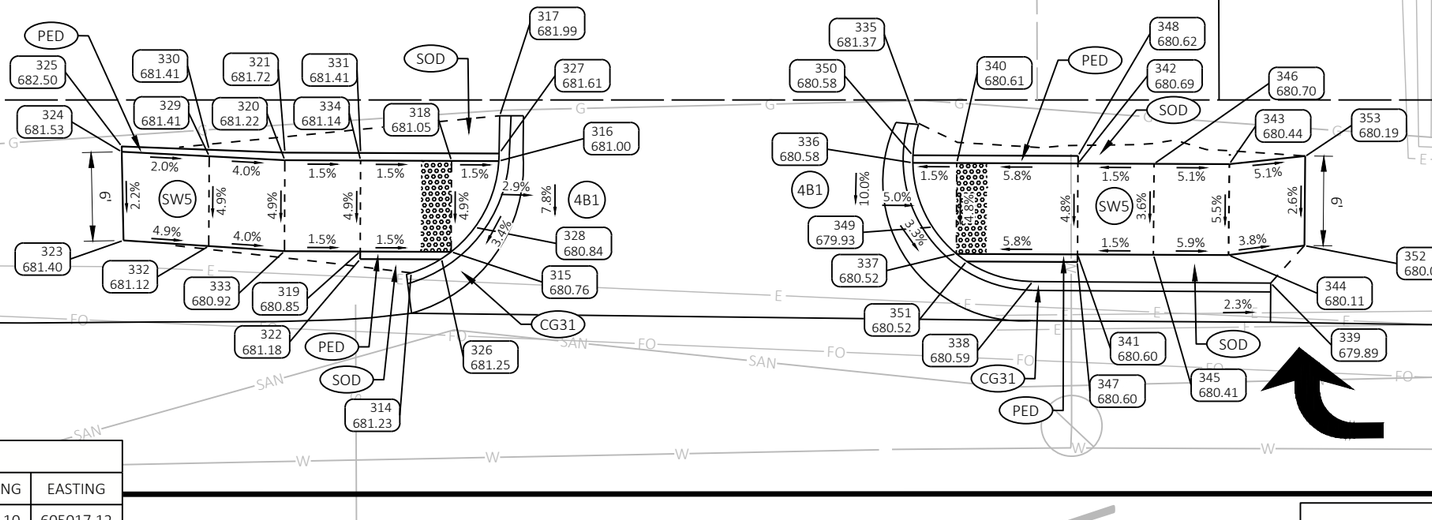
ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.



DRIVEWAY STA 185 SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
314	185+27.50	73.59' LT	681.23	239182.10	605017.12
315	185+30.14	74.98' LT	680.76	239184.78	605015.81
316	185+33.28	80.97' LT	681.00	239188.11	605009.92
317	185+33.34	83.96' LT	681.99	239188.26	605006.93
318	185+30.16	80.98' LT	681.05	239184.99	605009.82
319	185+24.14	75.00' LT	680.85	239178.79	605015.61
320	185+19.16	81.02' LT	681.22	239174.00	605009.44
321	185+19.17	81.52' LT	681.72	239174.01	605008.94
322	185+24.14	74.50' LT	681.18	239178.77	605016.11
323	185+08.52	75.73' LT	681.40	239163.20	605014.40
324	185+08.40	81.58' LT	681.53	239163.26	605008.56
325	185+08.40	81.94' LT	682.50	239163.26	605008.20
326	185+29.50	74.54' LT	681.25	239184.13	605016.23
327	185+33.35	81.53' LT	681.61	239188.20	605009.37
328	185+31.72	76.59' LT	680.84	239186.41	605014.25
329	185+14.18	81.28' LT	681.41	239169.02	605009.03
330	185+14.18	81.72' LT	681.41	239169.03	605008.60
331	185+24.17	81.50' LT	681.41	239179.01	605009.11
332	185+14.14	75.36' LT	681.12	239168.80	605014.95
333	185+19.14	75.02' LT	680.92	239173.79	605015.44
334	185+24.16	81.00' LT	681.14	239178.99	605009.61

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

LEGEND

- X — CURB RAMP TYPE
- PED — CONCRETE CURB PEDESTRIAN
- SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- SW5 — CONCRETE SIDEWALK 5-INCH
- ASPH — ASPHALTIC SURFACE SAFETY ISLANDS
- L — LANDING
- UNT — UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- PT — CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
- XXXX YYY.YY — POINT NUMBER & ELEVATION
- GRADE BREAKLINE
- PEDESTRIAN PUSH BUTTON
- DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
- CG19 — CONCRETE CURB & GUTTER 19-INCH
- CG30G — CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
- CG30R — CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
- CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- CG31 — CONCRETE CURB & GUTTER 31-INCH
- CA — CONCRETE CURB TYPE A

DRIVEWAY STA 185 NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
335	185+60.92	83.36' LT	681.37	239215.80	605008.37
336	185+60.59	80.85' LT	680.58	239215.39	605010.86
337	185+63.48	74.86' LT	680.52	239218.10	605016.95
338	185+68.52	73.02' LT	680.59	239223.08	605018.93
339	185+84.23	72.92' LT	679.89	239238.78	605019.51
340	185+63.50	80.84' LT	680.61	239218.31	605010.96
341	185+71.48	74.81' LT	680.60	239226.10	605017.23
342	185+71.50	80.81' LT	680.69	239226.30	605011.24
343	185+81.50	80.77' LT	680.44	239236.29	605011.58
344	185+81.44	74.77' LT	680.11	239236.06	605017.58
345	185+76.48	74.79' LT	680.41	239231.09	605017.41
346	185+76.53	80.79' LT	680.70	239231.33	605011.41
347	185+71.44	74.35' LT	680.60	239226.05	605017.69
348	185+71.50	81.31' LT	680.62	239226.32	605010.74
349	185+61.91	76.61' LT	679.93	239216.58	605015.15
350	185+60.59	81.35' LT	680.58	239215.41	605010.36
351	185+64.15	74.35' LT	680.52	239218.76	605017.47
352	185+86.44	75.40' LT	680.03	239241.07	605017.10
353	185+86.47	81.26' LT	680.19	239241.28	605011.25

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - DRIVEWAY STA 185+40 SW & NW	SHEET 115	E

NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

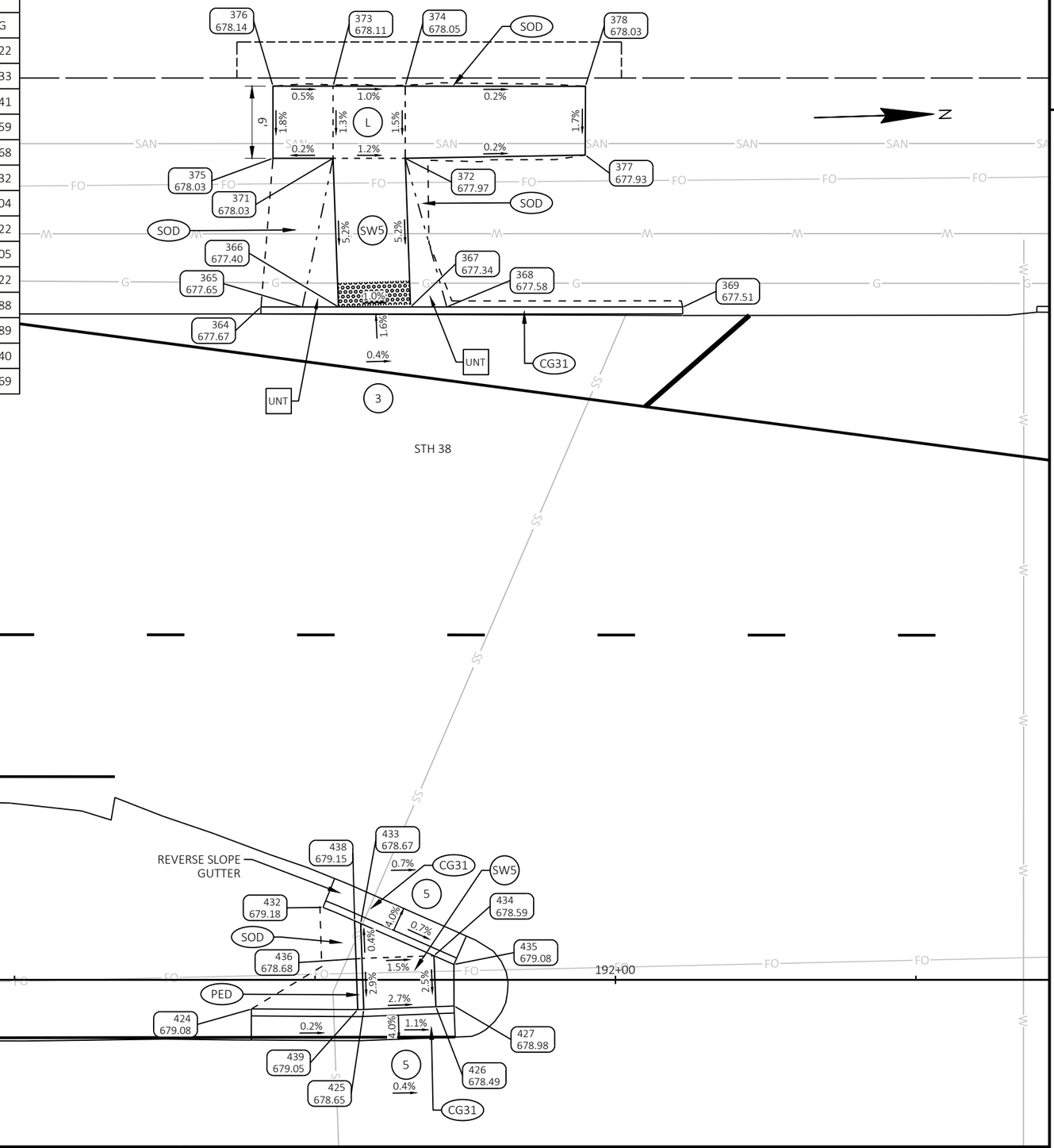
THE ENGINEER MAY ADJUST CURB RAMP ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE REQUIREMENTS OF THE STANDARD DETAILS.

DASHED SIDEWALK JOINT LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATIONAL PURPOSES ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.

SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

PARKWAY ESTATES SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
364	191+70.51	55.96' LT	677.67	239824.28	605054.22
365	191+73.95	55.94' LT	677.65	239827.72	605054.33
366	191+76.95	55.96' LT	677.40	239830.72	605054.41
367	191+82.95	55.96' LT	677.34	239836.72	605054.59
368	191+85.97	55.96' LT	677.58	239839.74	605054.68
369	192+05.56	55.92' LT	677.51	239859.32	605055.32
371	191+76.50	68.32' LT	678.03	239830.65	605042.04
372	191+82.51	68.32' LT	677.97	239836.65	605042.22
373	191+76.50	74.32' LT	678.11	239830.83	605036.05
374	191+82.51	74.32' LT	678.05	239836.83	605036.22
375	191+71.50	68.32' LT	678.03	239825.65	605041.88
376	191+71.50	74.32' LT	678.14	239825.83	605035.89
377	191+97.49	68.59' LT	677.93	239851.63	605042.40
378	191+97.51	74.31' LT	678.03	239851.83	605036.69



LEGEND

- X — CURB RAMP TYPE
- PED — CONCRETE CURB PEDESTRIAN
- SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- SW5 — CONCRETE SIDEWALK 5-INCH
- ASPH — ASPHALTIC SURFACE SAFETY ISLANDS
- L — LANDING
- UNT — UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- PT — CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
- XXXX YYY.YY — POINT NUMBER & ELEVATION
- GRADE BREAKLINE
- B — PEDESTRIAN PUSH BUTTON
- DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
- CG19 — CONCRETE CURB & GUTTER 19-INCH
- CG30G — CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
- CG30R — CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
- CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- CG31 — CONCRETE CURB & GUTTER 31-INCH
- CA — CONCRETE CURB TYPE A

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

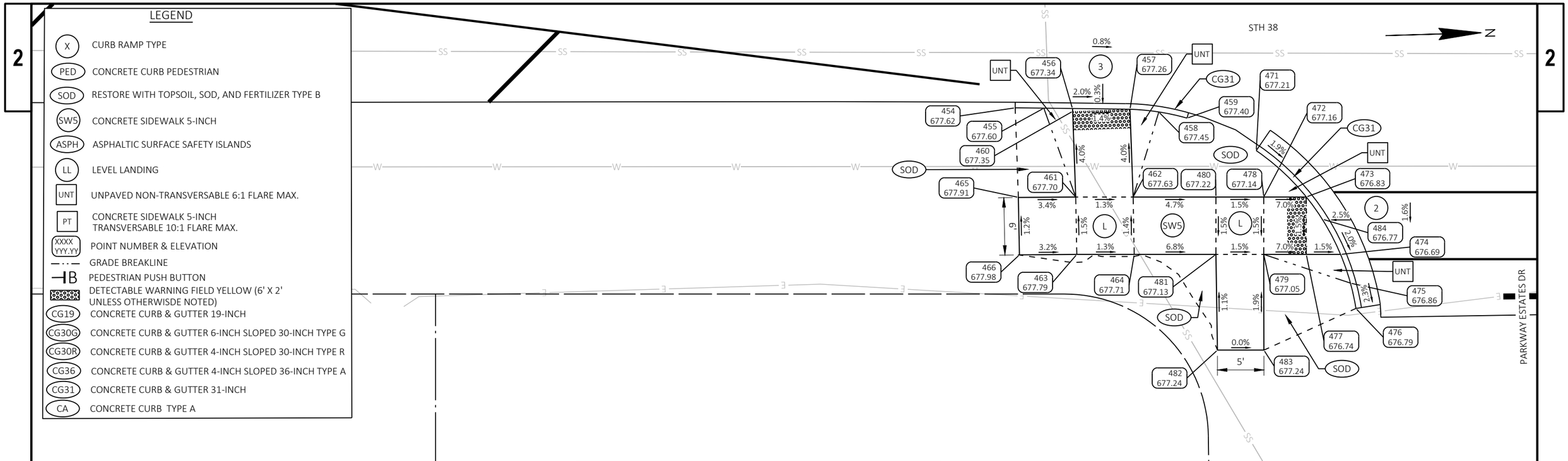
PARKWAY ESTATES ISLAND SOUTH					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
424	191+69.74	2.43' RT	679.08	239821.75	605112.55
425	191+79.06	2.47' RT	678.65	239831.06	605112.87
426	191+85.06	2.24' RT	678.49	239837.06	605112.82
427	191+86.57	2.18' RT	678.98	239838.58	605112.81
432	191+75.67	6.02' LT	679.18	239827.93	605104.28
433	191+78.80	4.69' LT	678.67	239831.02	605105.71
434	191+84.90	2.00' LT	678.59	239837.04	605108.58
435	191+86.56	1.27' LT	679.08	239838.67	605109.36
436	191+78.91	1.78' LT	678.68	239831.04	605108.62
438	191+78.29	4.91' LT	679.15	239830.52	605105.47
439	191+78.56	2.48' RT	679.05	239830.56	605112.87

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - PARKWAY ESTATES DR S MEDIAN ISLAND & SW	SHEET 116	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021303-CR_RYANRD.DWG
LAYOUT NAME - 06
PLOT DATE : 7/15/2026 2:37 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

LEGEND

- X — CURB RAMP TYPE
- PED — CONCRETE CURB PEDESTRIAN
- SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- SW5 — CONCRETE SIDEWALK 5-INCH
- ASPH — ASPHALTIC SURFACE SAFETY ISLANDS
- LL — LEVEL LANDING
- UNT — UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- PT — CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
- XXXX YYY.YY — POINT NUMBER & ELEVATION
- GRADE BREAKLINE
- B — PEDESTRIAN PUSH BUTTON
- DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
- CG19 — CONCRETE CURB & GUTTER 19-INCH
- CG30G — CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
- CG30R — CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
- CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- CG31 — CONCRETE CURB & GUTTER 31-INCH
- CA — CONCRETE CURB TYPE A



PARKWAY ESTATES SE

POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
454	191+74.98	55.54' RT	677.62	239825.37	605165.80
455	191+77.98	55.58' RT	677.60	239828.37	605165.93
456	191+80.97	55.62' RT	677.34	239831.36	605166.06
457	191+86.99	55.70' RT	677.26	239837.37	605166.32
458	191+90.00	55.98' RT	677.45	239840.38	605166.69
459	191+92.95	56.62' RT	677.40	239843.30	605167.42
460	191+80.99	55.91' RT	677.35	239831.37	605166.35
461	191+81.31	64.86' RT	677.70	239831.42	605175.31
462	191+87.32	64.86' RT	677.63	239837.43	605175.49
463	191+81.43	70.86' RT	677.79	239831.36	605181.30
464	191+87.43	70.86' RT	677.71	239837.35	605181.49
465	191+75.31	64.90' RT	677.91	239825.43	605175.17
466	191+75.43	70.90' RT	677.98	239825.36	605181.17
471	192+00.19	60.02' RT	677.21	239850.44	605171.04
472	192+02.56	61.86' RT	677.16	239852.75	605172.95
473	192+05.43	64.86' RT	676.83	239855.53	605176.04
474	192+09.01	70.86' RT	676.69	239858.93	605182.14

PARKWAY ESTATES SE

POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
475	192+10.04	73.86' RT	676.86	239859.87	605185.17
476	192+10.61	76.51' RT	676.79	239860.36	605187.83
477	192+05.43	70.86' RT	676.74	239855.35	605182.03
478	192+00.98	64.86' RT	677.14	239851.08	605175.90
479	192+00.98	70.86' RT	677.05	239850.90	605181.90
480	191+95.98	64.87' RT	677.22	239846.08	605175.75
481	191+95.98	70.86' RT	677.13	239845.90	605181.74
482	191+96.13	80.86' RT	677.24	239845.75	605191.74
483	192+00.99	80.86' RT	677.24	239850.61	605191.89
484	192+07.14	67.19' RT	676.77	239857.17	605178.41

NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

THE ENGINEER MAY ADJUST CURB RAMP ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE REQUIREMENTS OF THE STANDARD DETAILS.

DASHED SIDEWALK JOINT LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATIONAL PURPOSES ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.

SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - PARKWAY ESTATES DR SE	SHEET 117	E

2

LEGEND

- X — CURB RAMP TYPE
- PED — CONCRETE CURB PEDESTRIAN
- SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- SW5 — CONCRETE SIDEWALK 5-INCH
- ASPH — ASPHALTIC SURFACE SAFETY ISLANDS
- L — LANDING
- UNT — UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
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- XXXX YYY.YY — POINT NUMBER & ELEVATION
- GRADE BREAKLINE
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- DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
- CG19 — CONCRETE CURB & GUTTER 19-INCH
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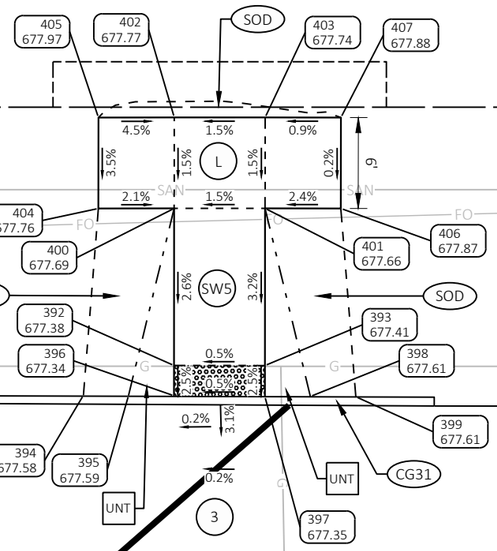
- CG30R — CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
- CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- CG31 — CONCRETE CURB & GUTTER 31-INCH
- CA — CONCRETE CURB TYPE A

N



NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

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SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

PARKWAY ESTATES NW

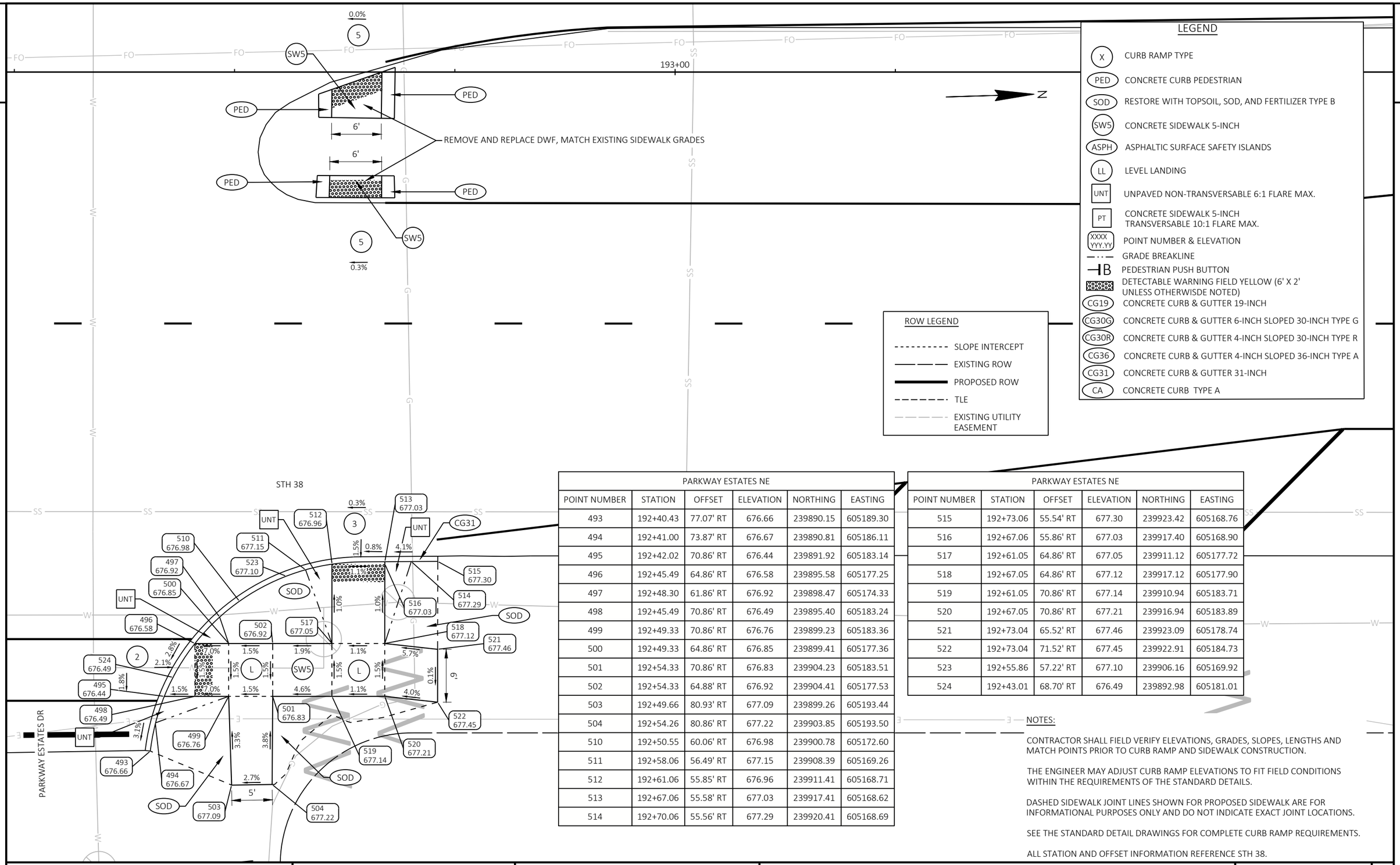
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
392	192+61.17	57.96' LT	677.38	239914.96	605054.95
393	192+67.17	57.96' LT	677.41	239920.96	605055.14
394	192+55.19	56.00' LT	677.58	239908.92	605056.74
395	192+58.16	55.98' LT	677.59	239911.90	605056.84
396	192+61.16	55.96' LT	677.34	239914.90	605056.95
397	192+67.16	55.93' LT	677.35	239920.89	605057.17
398	192+70.16	55.92' LT	677.61	239923.89	605057.27
399	192+73.16	55.90' LT	677.61	239926.89	605057.38
400	192+61.18	68.33' LT	677.69	239915.28	605044.60
401	192+67.18	68.33' LT	677.66	239921.28	605044.77
402	192+61.18	74.33' LT	677.77	239915.47	605038.60
403	192+67.18	74.33' LT	677.74	239921.47	605038.78
404	192+56.18	68.32' LT	677.76	239910.28	605044.45
405	192+56.18	74.32' LT	677.97	239910.47	605038.45
406	192+72.18	68.32' LT	677.87	239926.28	605044.93
407	192+72.18	74.32' LT	677.88	239926.46	605038.93

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - PARKWAY ESTATES DR NW	SHEET 118	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021303-CR_RYANRD.DWG
LAYOUT NAME - 08
PLOT DATE : 7/15/2026 2:38 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42



LEGEND

- X — CURB RAMP TYPE
- PED — CONCRETE CURB PEDESTRIAN
- SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- SW5 — CONCRETE SIDEWALK 5-INCH
- ASPH — ASPHALTIC SURFACE SAFETY ISLANDS
- LL — LEVEL LANDING
- UNT — UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- PT — CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
- XXXX YYY.YY — POINT NUMBER & ELEVATION
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- B — PEDESTRIAN PUSH BUTTON
- DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
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- CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- CG31 — CONCRETE CURB & GUTTER 31-INCH
- CA — CONCRETE CURB TYPE A

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

PARKWAY ESTATES NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
493	192+40.43	77.07' RT	676.66	239890.15	605189.30
494	192+41.00	73.87' RT	676.67	239890.81	605186.11
495	192+42.02	70.86' RT	676.44	239891.92	605183.14
496	192+45.49	64.86' RT	676.58	239895.58	605177.25
497	192+48.30	61.86' RT	676.92	239898.47	605174.33
498	192+45.49	70.86' RT	676.49	239895.40	605183.24
499	192+49.33	70.86' RT	676.76	239899.23	605183.36
500	192+49.33	64.86' RT	676.85	239899.41	605177.36
501	192+54.33	70.86' RT	676.83	239904.23	605183.51
502	192+54.33	64.88' RT	676.92	239904.41	605177.53
503	192+49.66	80.93' RT	677.09	239899.26	605193.44
504	192+54.26	80.86' RT	677.22	239903.85	605193.50
510	192+50.55	60.06' RT	676.98	239900.78	605172.60
511	192+58.06	56.49' RT	677.15	239908.39	605169.26
512	192+61.06	55.85' RT	676.96	239911.41	605168.71
513	192+67.06	55.58' RT	677.03	239917.41	605168.62
514	192+70.06	55.56' RT	677.29	239920.41	605168.69

PARKWAY ESTATES NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
515	192+73.06	55.54' RT	677.30	239923.42	605168.76
516	192+67.06	55.86' RT	677.03	239917.40	605168.90
517	192+61.05	64.86' RT	677.05	239911.12	605177.72
518	192+67.05	64.86' RT	677.12	239917.12	605177.90
519	192+61.05	70.86' RT	677.14	239910.94	605183.71
520	192+67.05	70.86' RT	677.21	239916.94	605183.89
521	192+73.04	65.52' RT	677.46	239923.09	605178.74
522	192+73.04	71.52' RT	677.45	239922.91	605184.73
523	192+55.86	57.22' RT	677.10	239906.16	605169.92
524	192+43.01	68.70' RT	676.49	239892.98	605181.01

NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

THE ENGINEER MAY ADJUST CURB RAMP ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE REQUIREMENTS OF THE STANDARD DETAILS.

DASHED SIDEWALK JOINT LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATIONAL PURPOSES ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.

SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - PARKWAY ESTATES DR N MEDIAN ISLAND & NE	SHEET 119	E

2

OAK CREEK PARKWAY SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
533	196+25.33	78.94' LT	676.68	240279.59	605045.01
534	196+16.15	61.11' LT	677.52	240269.87	605062.56
535	196+19.05	63.90' LT	677.34	240272.86	605059.85
536	196+21.34	66.90' LT	676.90	240275.24	605056.92
537	196+24.19	72.90' LT	676.79	240278.27	605051.01
538	196+24.97	75.87' LT	676.95	240279.14	605048.07
539	196+21.34	72.90' LT	676.82	240275.42	605050.92
540	196+15.34	66.90' LT	677.18	240269.24	605056.74
541	196+15.34	72.90' LT	677.11	240269.43	605050.74
542	196+09.34	66.90' LT	677.47	240263.25	605056.56
543	196+09.34	72.90' LT	677.39	240263.43	605050.56
544	195+98.65	68.05' LT	677.87	240252.59	605055.09
545	195+98.46	74.18' LT	677.93	240252.59	605048.96

LEGEND

- X — CURB RAMP TYPE
- PED — CONCRETE CURB PEDESTRIAN
- SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- SW5 — CONCRETE SIDEWALK 5-INCH
- ASPH — ASPHALTIC SURFACE SAFETY ISLANDS
- L — LANDING
- UNT — UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- PT — CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
- XXXX YYY.YY — POINT NUMBER & ELEVATION
- GRADE BREAKLINE
- PEDESTRIAN PUSH BUTTON
- DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
- CG19 — CONCRETE CURB & GUTTER 19-INCH
- CG30G — CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
- CG30R — CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
- CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- CG31 — CONCRETE CURB & GUTTER 31-INCH
- CA — CONCRETE CURB TYPE A

NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

THE ENGINEER MAY ADJUST CURB RAMP ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE REQUIREMENTS OF THE STANDARD DETAILS.

DASHED SIDEWALK JOINT LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATIONAL PURPOSES ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.

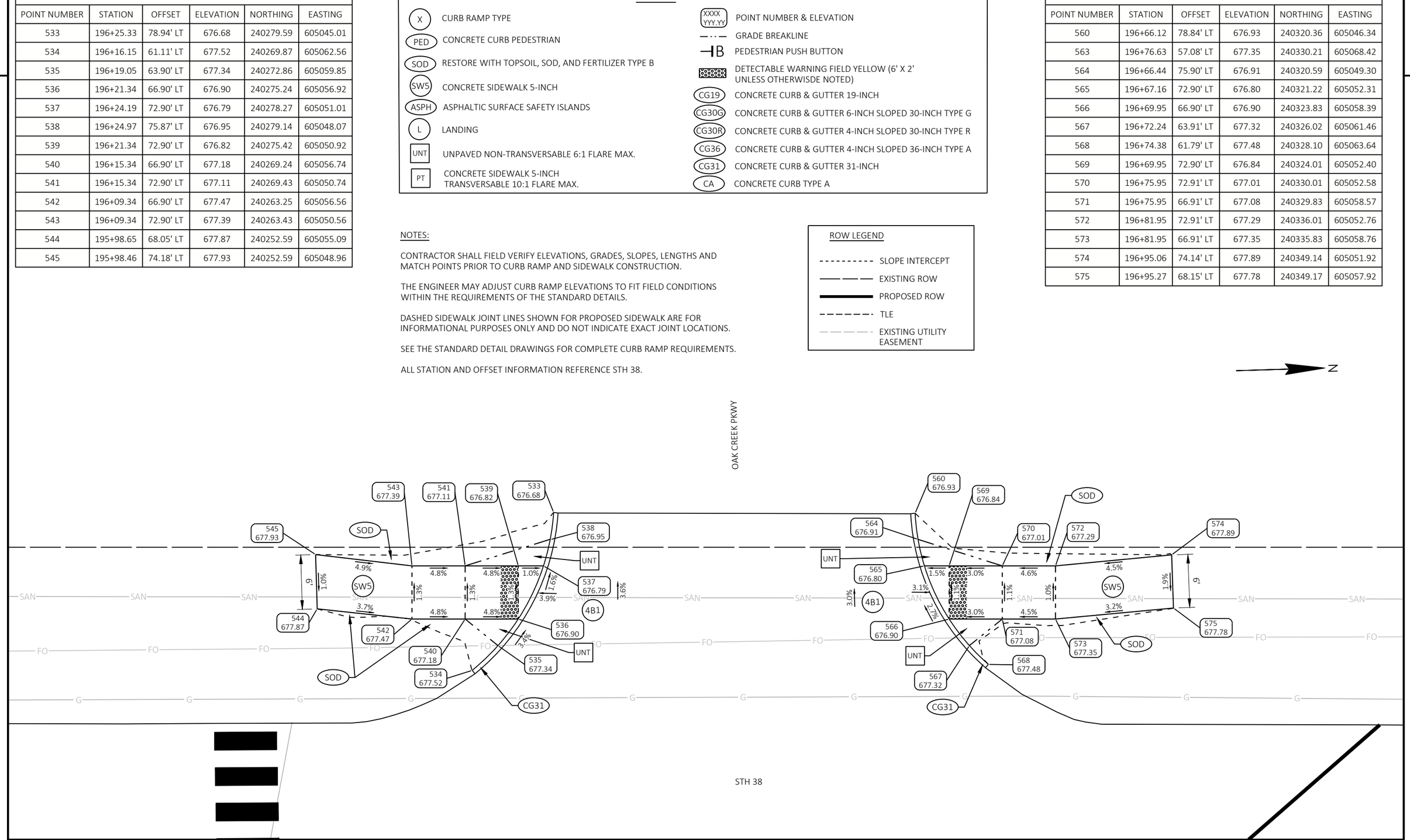
SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

ROW LEGEND

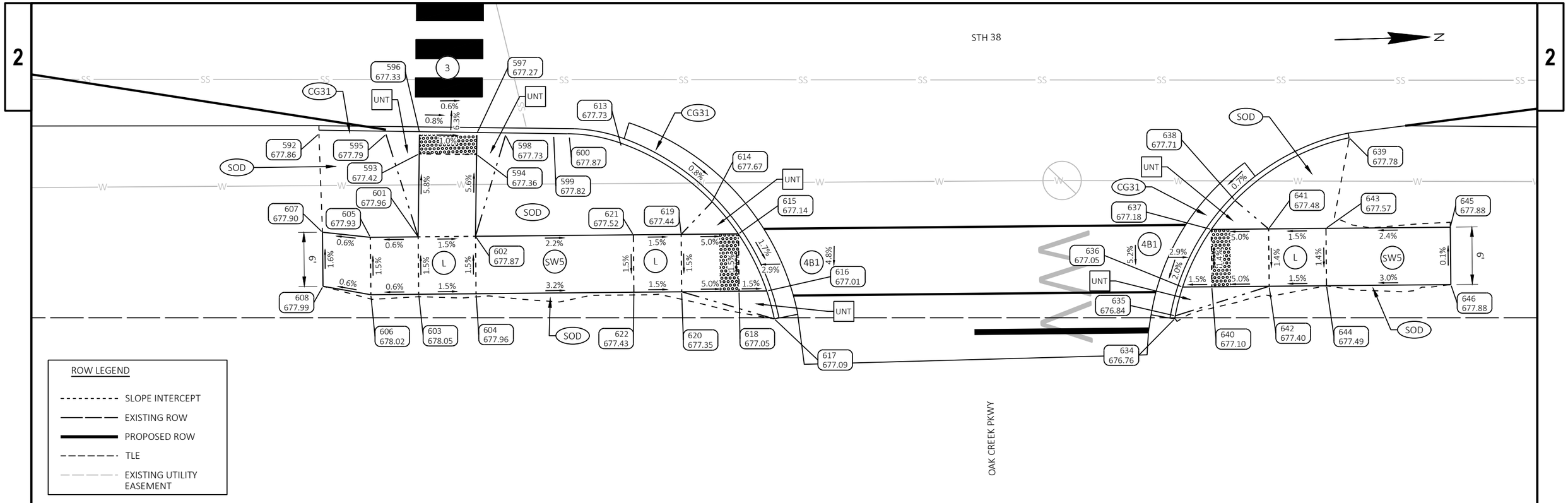
- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

OAK CREEK PARKWAY NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
560	196+66.12	78.84' LT	676.93	240320.36	605046.34
563	196+76.63	57.08' LT	677.35	240330.21	605068.42
564	196+66.44	75.90' LT	676.91	240320.59	605049.30
565	196+67.16	72.90' LT	676.80	240321.22	605052.31
566	196+69.95	66.90' LT	676.90	240323.83	605058.39
567	196+72.24	63.91' LT	677.32	240326.02	605061.46
568	196+74.38	61.79' LT	677.48	240328.10	605063.64
569	196+69.95	72.90' LT	676.84	240324.01	605052.40
570	196+75.95	72.91' LT	677.01	240330.01	605052.58
571	196+75.95	66.91' LT	677.08	240329.83	605058.57
572	196+81.95	72.91' LT	677.29	240336.01	605052.76
573	196+81.95	66.91' LT	677.35	240335.83	605058.76
574	196+95.06	74.14' LT	677.89	240349.14	605051.92
575	196+95.27	68.15' LT	677.78	240349.17	605057.92



PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - OAK CREEK PKWY SW & NW	SHEET 120	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021303-CR_RYANRD.DWG
LAYOUT NAME - 10
PLOT DATE : 7/15/2026 2:38 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42



LEGEND

- X — CURB RAMP TYPE
- PED — CONCRETE CURB PEDESTRIAN
- SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- SW5 — CONCRETE SIDEWALK 5-INCH
- ASPH — ASPHALTIC SURFACE SAFETY ISLANDS
- LL — LEVEL LANDING
- UNT — UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- PT — CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
- XXXX YYY.YY — POINT NUMBER & ELEVATION
- GRADE BREAKLINE
- PB — PEDESTRIAN PUSH BUTTON
- DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
- CG19 — CONCRETE CURB & GUTTER 19-INCH
- CG30G — CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
- CG30R — CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
- CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- CG31 — CONCRETE CURB & GUTTER 31-INCH
- CA — CONCRETE CURB TYPE A

OAK CREEK PARKWAY SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
592	195+77.02	55.77' RT	677.86	240227.23	605178.20
593	195+87.51	57.86' RT	677.42	240237.65	605180.60
594	195+93.51	57.93' RT	677.36	240243.65	605180.86
595	195+84.04	55.83' RT	677.79	240234.24	605178.47
596	195+87.54	55.61' RT	677.33	240237.75	605178.36
597	195+93.54	55.72' RT	677.27	240243.74	605178.65
598	195+96.54	55.93' RT	677.73	240246.73	605178.95
599	196+01.58	55.97' RT	677.82	240251.77	605179.14
600	196+03.20	56.04' RT	677.87	240253.39	605179.26
601	195+87.40	66.54' RT	677.96	240237.28	605189.28
602	195+93.40	66.48' RT	677.87	240243.28	605189.40
603	195+87.46	72.54' RT	678.05	240237.15	605195.28
604	195+93.46	72.48' RT	677.96	240243.15	605195.40
605	195+82.40	66.59' RT	677.93	240232.28	605189.17
606	195+82.46	72.59' RT	678.02	240232.15	605195.17
607	195+77.40	66.06' RT	677.90	240227.29	605188.49
608	195+77.45	71.70' RT	677.99	240227.17	605194.14

OAK CREEK PARKWAY SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
613	196+08.66	57.11' RT	677.73	240258.81	605180.49
614	196+18.13	62.89' RT	677.67	240268.10	605186.56
615	196+20.91	66.23' RT	677.14	240270.78	605189.98
616	196+23.88	72.20' RT	677.01	240273.57	605196.04
617	196+24.65	75.12' RT	677.09	240274.25	605198.98
618	196+20.96	72.23' RT	677.05	240270.65	605195.98
619	196+14.91	66.28' RT	677.44	240264.78	605189.85
620	196+14.96	72.28' RT	677.35	240264.65	605195.85
621	196+09.91	66.33' RT	677.52	240259.78	605189.75
622	196+09.97	72.33' RT	677.43	240259.65	605195.75

OAK CREEK PARKWAY NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
634	196+66.52	75.12' RT	676.76	240316.10	605200.24
635	196+66.58	74.80' RT	676.84	240316.16	605199.93
636	196+67.33	71.79' RT	677.05	240317.01	605196.95
637	196+70.35	65.76' RT	677.18	240320.21	605191.01
638	196+72.84	62.74' RT	677.71	240322.79	605188.06
639	196+84.76	56.18' RT	677.78	240334.91	605181.87
640	196+70.40	71.76' RT	677.10	240320.08	605197.01
641	196+76.35	65.71' RT	677.48	240326.21	605191.14
642	196+76.40	71.71' RT	677.40	240326.08	605197.14
643	196+82.35	65.65' RT	677.57	240332.21	605191.26
644	196+82.40	71.65' RT	677.49	240332.08	605197.26
645	196+95.35	65.53' RT	677.88	240345.20	605191.53
646	196+95.40	71.53' RT	677.88	240345.08	605197.53

NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

THE ENGINEER MAY ADJUST CURB RAMP ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE REQUIREMENTS OF THE STANDARD DETAILS.

DASHED SIDEWALK JOINT LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATIONAL PURPOSES ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.

SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

THE ENGINEER MAY ADJUST CURB RAMP ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE REQUIREMENTS OF THE STANDARD DETAILS.

DASHED SIDEWALK JOINT LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATIONAL PURPOSES ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.

SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

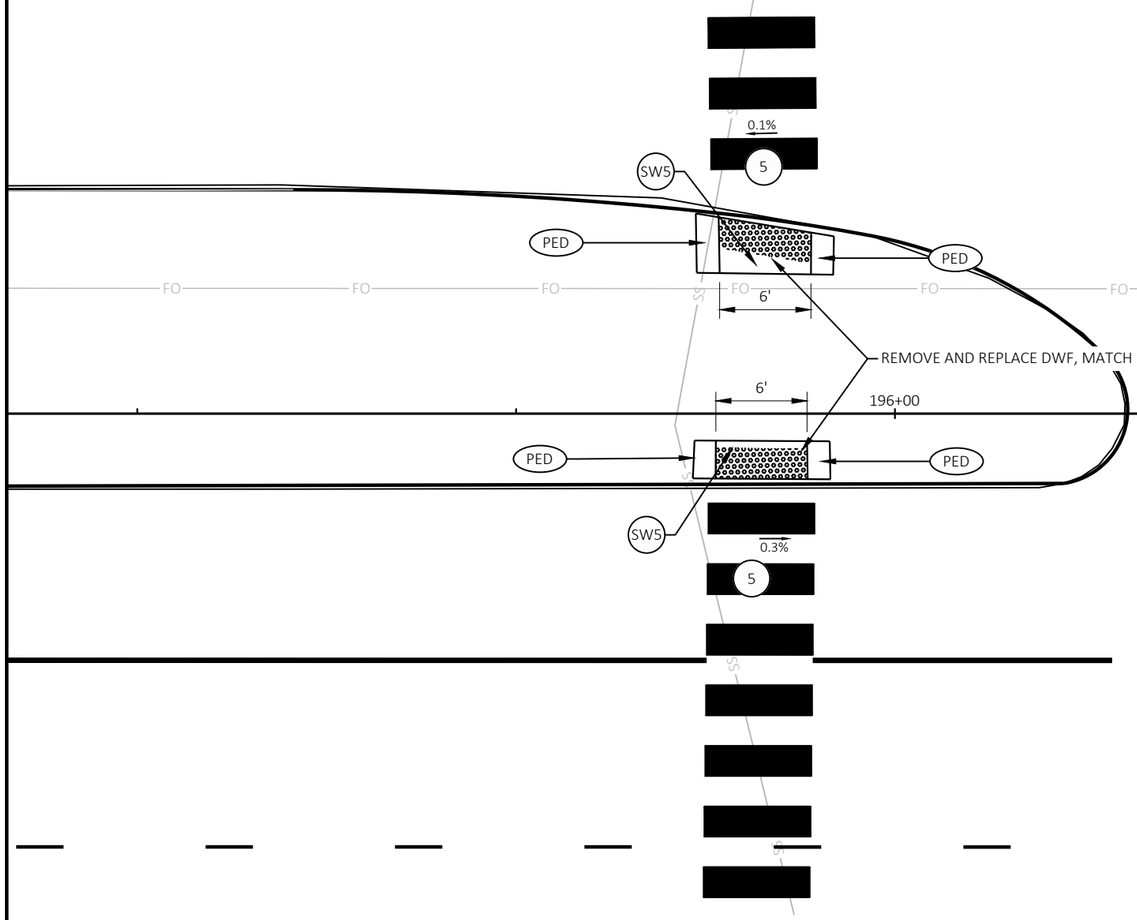
ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

LEGEND

X — CURB RAMP TYPE	XXXX YYY.YY — POINT NUMBER & ELEVATION
PED — CONCRETE CURB PEDESTRIAN	GRADE BREAKLINE
SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B	PB — PEDESTRIAN PUSH BUTTON
SW5 — CONCRETE SIDEWALK 5-INCH	DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
ASPH — ASPHALTIC SURFACE SAFETY ISLANDS	CG19 — CONCRETE CURB & GUTTER 19-INCH
L — LANDING	CG30G — CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
UNT — UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.	CG30R — CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
PT — CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.	CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
	CG31 — CONCRETE CURB & GUTTER 31-INCH
	CA — CONCRETE CURB TYPE A

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT



PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - OAK CREEK PKWY MEDIAN SOUTH	SHEET 122	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021303-CR_RYANRD.DWG
LAYOUT NAME - 12
PLOT DATE : 7/15/2026 2:38 PM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1 IN:10 FT

NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

THE ENGINEER MAY ADJUST CURB RAMP ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE REQUIREMENTS OF THE STANDARD DETAILS.

DASHED SIDEWALK JOINT LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATIONAL PURPOSES ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.

SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

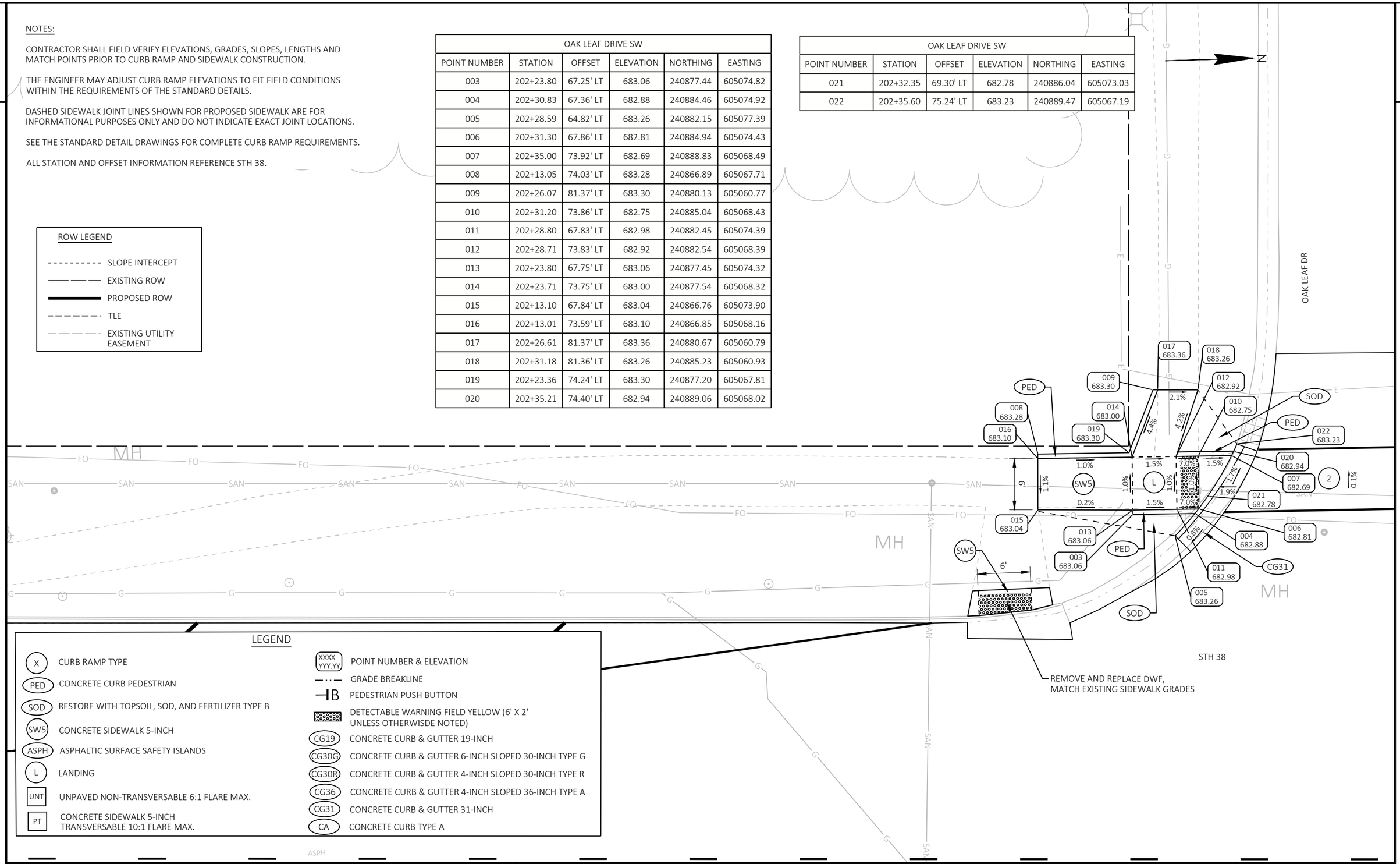
ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

OAK LEAF DRIVE SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
003	202+23.80	67.25' LT	683.06	240877.44	605074.82
004	202+30.83	67.36' LT	682.88	240884.46	605074.92
005	202+28.59	64.82' LT	683.26	240882.15	605077.39
006	202+31.30	67.86' LT	682.81	240884.94	605074.43
007	202+35.00	73.92' LT	682.69	240888.83	605068.49
008	202+13.05	74.03' LT	683.28	240866.89	605067.71
009	202+26.07	81.37' LT	683.30	240880.13	605060.77
010	202+31.20	73.86' LT	682.75	240885.04	605068.43
011	202+28.80	67.83' LT	682.98	240882.45	605074.39
012	202+28.71	73.83' LT	682.92	240882.54	605068.39
013	202+23.80	67.75' LT	683.06	240877.45	605074.32
014	202+23.71	73.75' LT	683.00	240877.54	605068.32
015	202+13.10	67.84' LT	683.04	240866.76	605073.90
016	202+13.01	73.59' LT	683.10	240866.85	605068.16
017	202+26.61	81.37' LT	683.36	240880.67	605060.79
018	202+31.18	81.36' LT	683.26	240885.23	605060.93
019	202+23.36	74.24' LT	683.30	240877.20	605067.81
020	202+35.21	74.40' LT	682.94	240889.06	605068.02

OAK LEAF DRIVE SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
021	202+32.35	69.30' LT	682.78	240886.04	605073.03
022	202+35.60	75.24' LT	683.23	240889.47	605067.19



LEGEND

- X — CURB RAMP TYPE
- PED — CONCRETE CURB PEDESTRIAN
- SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- SW5 — CONCRETE SIDEWALK 5-INCH
- ASPH — ASPHALTIC SURFACE SAFETY ISLANDS
- L — LANDING
- UNT — UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- PT — CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
- XXXX YYY.YY — POINT NUMBER & ELEVATION
- GRADE BREAKLINE
- PEDESTRIAN PUSH BUTTON
- DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
- CG19 — CONCRETE CURB & GUTTER 19-INCH
- CG30G — CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
- CG30R — CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
- CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- CG31 — CONCRETE CURB & GUTTER 31-INCH
- CA — CONCRETE CURB TYPE A

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - OAK LEAF DR SW	SHEET 123	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021304-CR_OAKLEAFDR.DWG
LAYOUT NAME - 01
PLOT DATE : 7/15/2026 2:38 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

LEGEND

- X — CURB RAMP TYPE
- PED — CONCRETE CURB PEDESTRIAN
- SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- SW5 — CONCRETE SIDEWALK 5-INCH
- ASPH — ASPHALTIC SURFACE SAFETY ISLANDS
- L — LANDING
- UNT — UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- PT — CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
- XXXX YYY.YY — POINT NUMBER & ELEVATION
- GRADE BREAKLINE
- B — PEDESTRIAN PUSH BUTTON
- DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
- CG19 — CONCRETE CURB & GUTTER 19-INCH
- CG30G — CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
- CG30R — CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
- CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- CG31 — CONCRETE CURB & GUTTER 31-INCH
- CA — CONCRETE CURB TYPE A

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

NOTES:

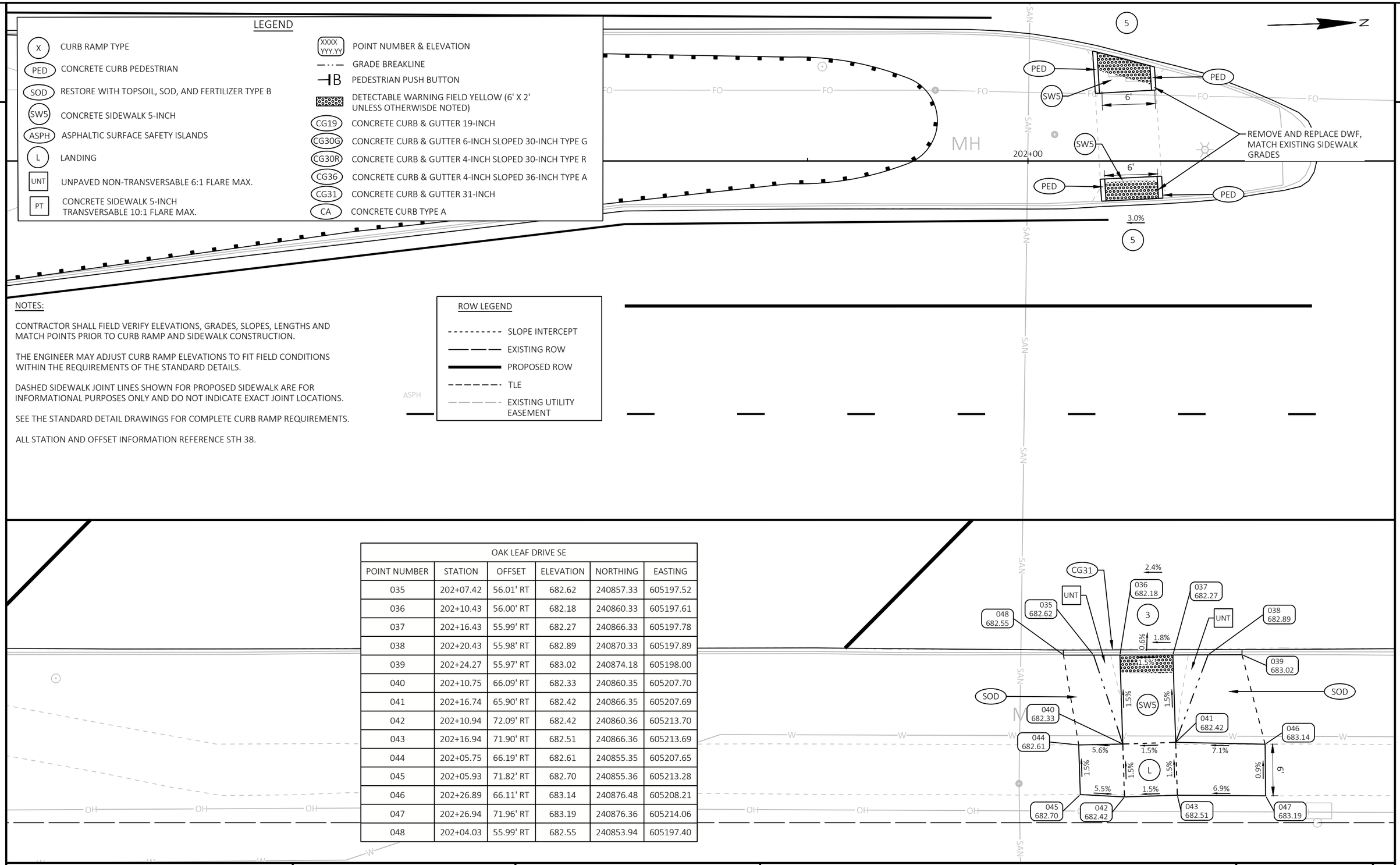
CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

THE ENGINEER MAY ADJUST CURB RAMP ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE REQUIREMENTS OF THE STANDARD DETAILS.

DASHED SIDEWALK JOINT LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATIONAL PURPOSES ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.

SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.



OAK LEAF DRIVE SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
035	202+07.42	56.01' RT	682.62	240857.33	605197.52
036	202+10.43	56.00' RT	682.18	240860.33	605197.61
037	202+16.43	55.99' RT	682.27	240866.33	605197.78
038	202+20.43	55.98' RT	682.89	240870.33	605197.89
039	202+24.27	55.97' RT	683.02	240874.18	605198.00
040	202+10.75	66.09' RT	682.33	240860.35	605207.70
041	202+16.74	65.90' RT	682.42	240866.35	605207.69
042	202+10.94	72.09' RT	682.42	240860.36	605213.70
043	202+16.94	71.90' RT	682.51	240866.36	605213.69
044	202+05.75	66.19' RT	682.61	240855.35	605207.65
045	202+05.93	71.82' RT	682.70	240855.36	605213.28
046	202+26.89	66.11' RT	683.14	240876.48	605208.21
047	202+26.94	71.96' RT	683.19	240876.36	605214.06
048	202+04.03	55.99' RT	682.55	240853.94	605197.40

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - OAK LEAF DR SE & S ISLAND	SHEET 124	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021304-CR_OAKLEAFDR.DWG
LAYOUT NAME - 02
PLOT DATE : 7/15/2026 2:39 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

THE ENGINEER MAY ADJUST CURB RAMP ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE REQUIREMENTS OF THE STANDARD DETAILS.

DASHED SIDEWALK JOINT LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATIONAL PURPOSES ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.

SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

LEGEND

- X — CURB RAMP TYPE
- PED — CONCRETE CURB PEDESTRIAN
- SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- SW5 — CONCRETE SIDEWALK 5-INCH
- ASPH — ASPHALTIC SURFACE SAFETY ISLANDS
- L — LANDING
- UNT — UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- PT — CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
- XXXX YYY.YY — POINT NUMBER & ELEVATION
- GRADE BREAKLINE
- B — PEDESTRIAN PUSH BUTTON
- DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
- CG19 — CONCRETE CURB & GUTTER 19-INCH
- CG30G — CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
- CG30R — CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
- CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- CG31 — CONCRETE CURB & GUTTER 31-INCH
- CA — CONCRETE CURB TYPE A

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

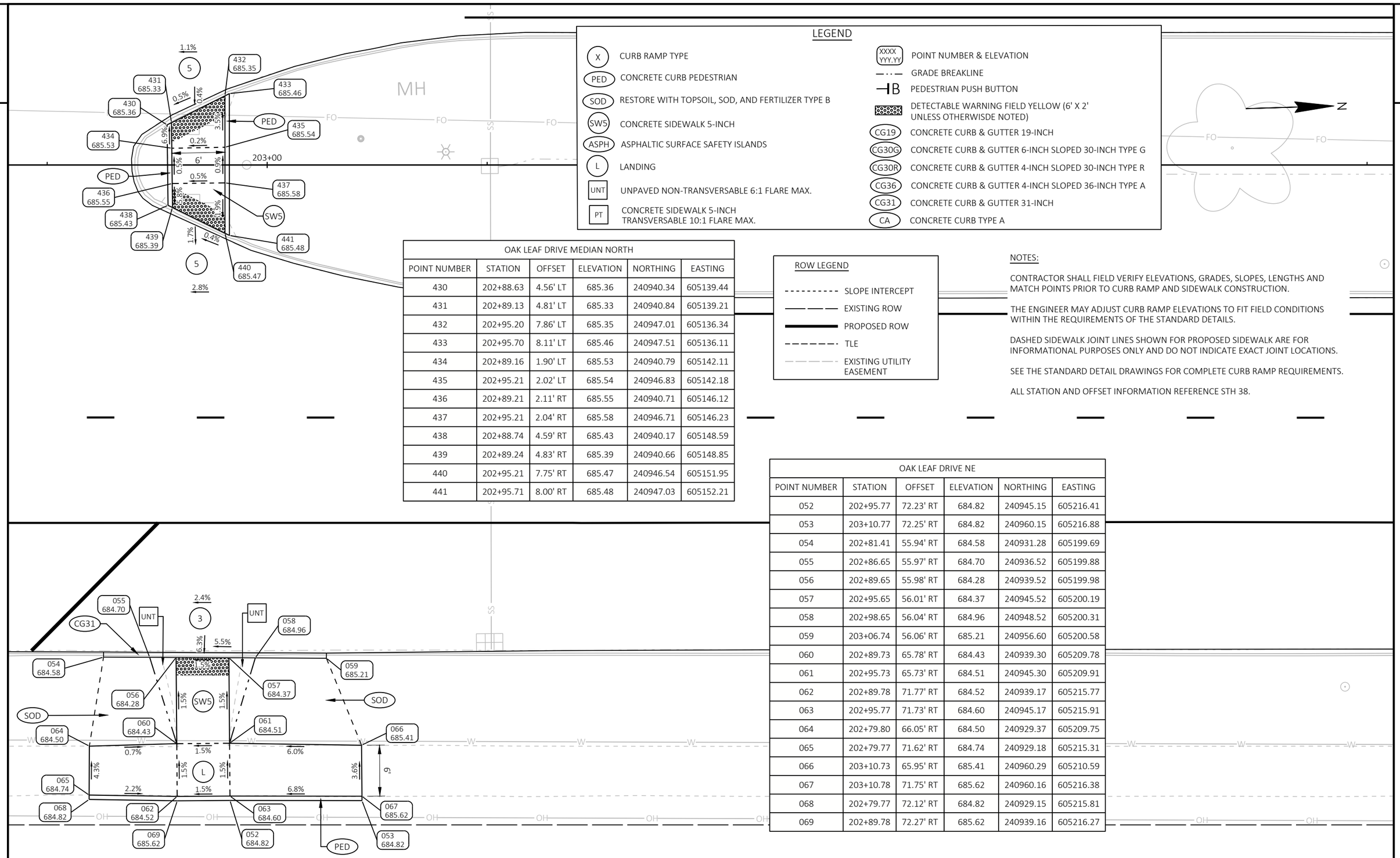
OAK LEAF DR

STH 38

OAK LEAF DRIVE NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
350	202+76.54	75.92' LT	683.63	240930.41	605067.75
351	202+76.84	75.06' LT	683.63	240930.69	605068.62
352	202+77.03	74.56' LT	683.14	240930.86	605069.12
353	202+80.14	68.61' LT	683.28	240933.79	605075.17
354	202+81.05	67.35' LT	683.38	240934.66	605076.45
355	202+84.02	63.99' LT	683.62	240937.52	605079.89
356	202+88.09	60.69' LT	683.41	240941.50	605083.32
357	202+88.72	60.29' LT	683.38	240942.11	605083.73
358	202+94.74	57.34' LT	683.43	240948.04	605086.87
359	202+96.90	56.67' LT	683.80	240950.18	605087.60
360	202+97.75	56.47' LT	683.94	240951.02	605087.83
361	203+06.54	55.71' LT	684.47	240959.79	605088.85
362	202+79.98	74.60' LT	683.19	240933.81	605069.17
363	202+81.98	74.63' LT	683.33	240935.81	605069.20
364	202+81.84	75.13' LT	683.51	240935.69	605068.69
365	202+82.07	68.64' LT	683.42	240935.72	605075.19
366	202+81.30	77.12' LT	683.51	240935.21	605066.69
367	202+86.09	77.20' LT	683.59	240939.99	605066.76
368	202+81.31	84.63' LT	684.05	240935.44	605059.19
369	202+86.11	84.70' LT	684.13	240940.24	605059.26
370	202+81.31	89.63' LT	684.12	240935.60	605054.19

OAK LEAF DRIVE NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
371	202+86.12	89.70' LT	684.21	240940.41	605054.26
372	202+87.07	68.71' LT	683.49	240940.72	605075.27
373	202+86.98	74.71' LT	683.40	240940.81	605069.27
374	202+88.65	68.74' LT	683.47	240942.30	605075.29
375	202+88.61	73.84' LT	683.55	240942.41	605070.20
376	202+94.66	67.95' LT	683.55	240948.28	605076.26
377	202+94.61	73.95' LT	683.64	240948.41	605070.26
378	202+88.70	62.29' LT	683.40	240942.16	605081.73
379	202+94.70	62.34' LT	683.49	240948.16	605081.87
380	202+94.72	60.34' LT	683.47	240948.11	605083.87
381	202+99.97	73.92' LT	684.09	240953.77	605070.46
382	202+99.97	74.43' LT	684.09	240953.79	605069.95
383	203+24.70	68.23' LT	686.09	240978.32	605076.90
384	203+24.62	73.78' LT	686.17	240978.40	605071.34
385	203+29.70	68.27' LT	686.17	240983.32	605077.00
386	203+29.62	73.74' LT	686.25	240983.40	605071.53
387	203+29.62	74.24' LT	686.32	240983.42	605071.03
388	202+88.66	67.84' LT	683.46	240942.28	605076.19
389	203+29.94	55.67' LT	685.76	240983.17	605089.60
390	203+09.49	55.68' LT	684.63	240962.74	605088.98

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - OAK LEAF DR NW	SHEET 125	E



LEGEND

- X — CURB RAMP TYPE
- PED — CONCRETE CURB PEDESTRIAN
- SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- SW5 — CONCRETE SIDEWALK 5-INCH
- ASPH — ASPHALTIC SURFACE SAFETY ISLANDS
- L — LANDING
- UNT — UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- PT — CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
- XXXX YYY.YY — POINT NUMBER & ELEVATION
- GRADE BREAKLINE
- B — PEDESTRIAN PUSH BUTTON
- DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
- CG19 — CONCRETE CURB & GUTTER 19-INCH
- CG30G — CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
- CG30R — CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
- CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- CG31 — CONCRETE CURB & GUTTER 31-INCH
- CA — CONCRETE CURB TYPE A

OAK LEAF DRIVE MEDIAN NORTH					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
430	202+88.63	4.56' LT	685.36	240940.34	605139.44
431	202+89.13	4.81' LT	685.33	240940.84	605139.21
432	202+95.20	7.86' LT	685.35	240947.01	605136.34
433	202+95.70	8.11' LT	685.46	240947.51	605136.11
434	202+89.16	1.90' LT	685.53	240940.79	605142.11
435	202+95.21	2.02' LT	685.54	240946.83	605142.18
436	202+89.21	2.11' RT	685.55	240940.71	605146.12
437	202+95.21	2.04' RT	685.58	240946.71	605146.23
438	202+88.74	4.59' RT	685.43	240940.17	605148.59
439	202+89.24	4.83' RT	685.39	240940.66	605148.85
440	202+95.21	7.75' RT	685.47	240946.54	605151.95
441	202+95.71	8.00' RT	685.48	240947.03	605152.21

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

THE ENGINEER MAY ADJUST CURB RAMP ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE REQUIREMENTS OF THE STANDARD DETAILS.

DASHED SIDEWALK JOINT LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATIONAL PURPOSES ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.

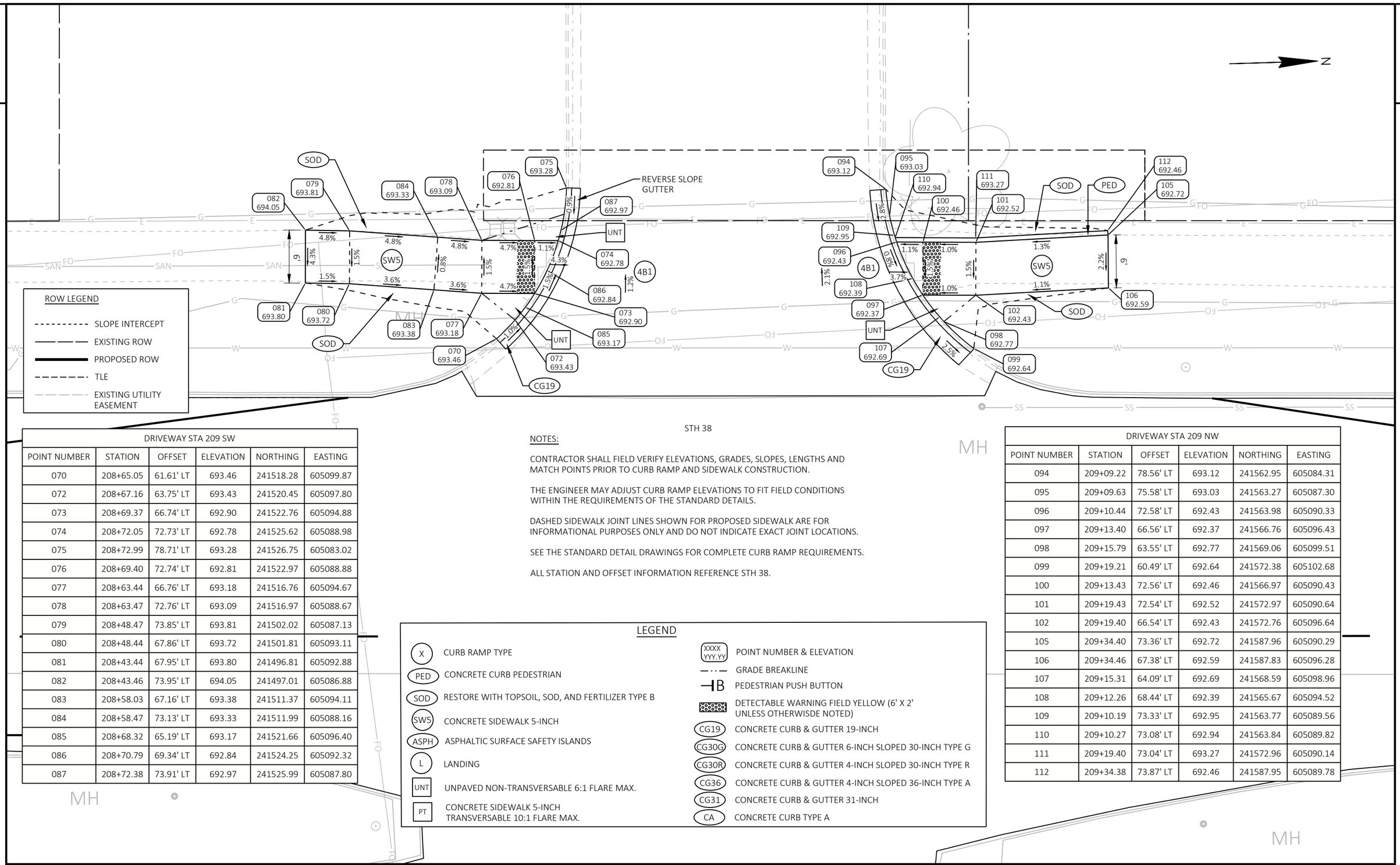
SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

OAK LEAF DRIVE NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
052	202+95.77	72.23' RT	684.82	240945.15	605216.41
053	203+10.77	72.25' RT	684.82	240960.15	605216.88
054	202+81.41	55.94' RT	684.58	240931.28	605199.69
055	202+86.65	55.97' RT	684.70	240936.52	605199.88
056	202+89.65	55.98' RT	684.28	240939.52	605199.98
057	202+95.65	56.01' RT	684.37	240945.52	605200.19
058	202+98.65	56.04' RT	684.96	240948.52	605200.31
059	203+06.74	56.06' RT	685.21	240956.60	605200.58
060	202+89.73	65.78' RT	684.43	240939.30	605209.78
061	202+95.73	65.73' RT	684.51	240945.30	605209.91
062	202+89.78	71.77' RT	684.52	240939.17	605215.77
063	202+95.77	71.73' RT	684.60	240945.17	605215.91
064	202+79.80	66.05' RT	684.50	240929.37	605209.75
065	202+79.77	71.62' RT	684.74	240929.18	605215.31
066	203+10.73	65.95' RT	685.41	240960.29	605210.59
067	203+10.78	71.75' RT	685.62	240960.16	605216.38
068	202+79.77	72.12' RT	684.82	240929.15	605215.81
069	202+89.78	72.27' RT	685.62	240939.16	605216.27

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - OAK LEAF DR N ISLAND & NE	SHEET 126	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021304-CR_OAKLEAFDR.DWG
LAYOUT NAME - 04
PLOT DATE : 7/15/2026 2:39 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42



DRIVEWAY STA 209 SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
070	208+65.05	61.61' LT	693.46	241518.28	605099.87
072	208+67.16	63.75' LT	693.43	241520.45	605097.80
073	208+69.37	66.74' LT	692.90	241522.76	605094.88
074	208+72.05	72.73' LT	692.78	241525.62	605088.98
075	208+72.99	78.71' LT	693.28	241526.75	605083.02
076	208+69.40	72.74' LT	692.81	241522.97	605088.88
077	208+63.44	66.76' LT	693.18	241516.76	605094.67
078	208+63.47	72.76' LT	693.09	241516.97	605088.67
079	208+48.47	73.85' LT	693.81	241502.02	605087.13
080	208+48.44	67.86' LT	693.72	241501.81	605093.11
081	208+43.44	67.95' LT	693.80	241496.81	605092.88
082	208+43.46	73.95' LT	694.05	241497.01	605086.88
083	208+58.03	67.16' LT	693.38	241511.37	605094.11
084	208+58.47	73.13' LT	693.33	241511.99	605088.16
085	208+68.32	65.19' LT	693.17	241521.66	605096.40
086	208+70.79	69.34' LT	692.84	241524.25	605092.32
087	208+72.38	73.91' LT	692.97	241525.99	605087.80

NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

THE ENGINEER MAY ADJUST CURB RAMP ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE REQUIREMENTS OF THE STANDARD DETAILS.

DASHED SIDEWALK JOINT LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATIONAL PURPOSES ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.

SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

LEGEND

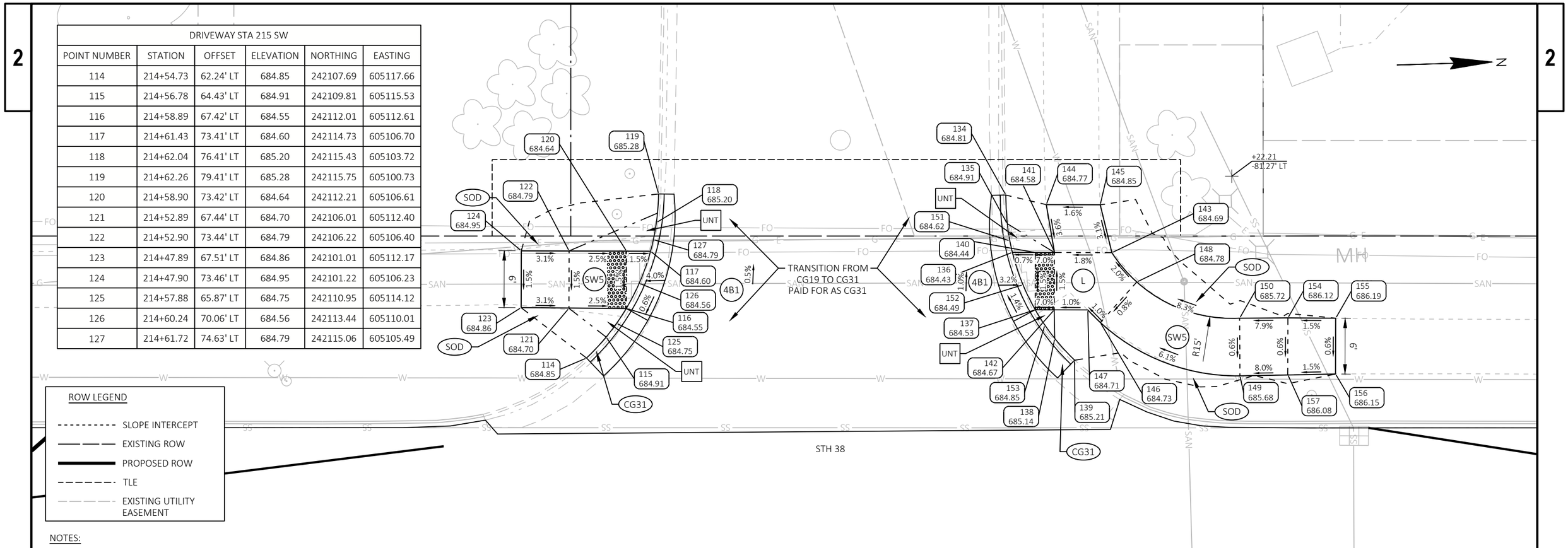
- X — CURB RAMP TYPE
- PED — CONCRETE CURB PEDESTRIAN
- SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- SW5 — CONCRETE SIDEWALK 5-INCH
- ASPH — ASPHALTIC SURFACE SAFETY ISLANDS
- L — LANDING
- UNT — UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- PT — CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
- XXXX YYY.YY — POINT NUMBER & ELEVATION
- GRADE BREAKLINE
- B — PEDESTRIAN PUSH BUTTON
- DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
- CG19 — CONCRETE CURB & GUTTER 19-INCH
- CG30G — CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
- CG30R — CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
- CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- CG31 — CONCRETE CURB & GUTTER 31-INCH
- CA — CONCRETE CURB TYPE A

DRIVEWAY STA 209 NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
094	209+09.22	78.56' LT	693.12	241562.95	605084.31
095	209+09.63	75.58' LT	693.03	241563.27	605087.30
096	209+10.44	72.58' LT	692.43	241563.98	605090.33
097	209+13.40	66.56' LT	692.37	241566.76	605096.43
098	209+15.79	63.55' LT	692.77	241569.06	605099.51
099	209+19.21	60.49' LT	692.64	241572.38	605102.68
100	209+13.43	72.56' LT	692.46	241566.97	605090.43
101	209+19.43	72.54' LT	692.52	241572.97	605090.64
102	209+19.40	66.54' LT	692.43	241572.76	605096.64
105	209+34.40	73.36' LT	692.72	241587.96	605090.29
106	209+34.46	67.38' LT	692.59	241587.83	605096.28
107	209+15.31	64.09' LT	692.69	241568.59	605098.96
108	209+12.26	68.44' LT	692.39	241565.67	605094.52
109	209+10.19	73.33' LT	692.95	241563.77	605089.56
110	209+10.27	73.08' LT	692.94	241563.84	605089.82
111	209+19.40	73.04' LT	693.27	241572.96	605090.14
112	209+34.38	73.87' LT	692.46	241587.95	605089.78

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - DRIVEWAY STA 209+00 SW & NW	SHEET 127	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021304-CR_OAKLEAFDR.DWG
LAYOUT NAME - 05
PLOT DATE : 7/15/2026 2:39 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

DRIVEWAY STA 215 SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
114	214+54.73	62.24' LT	684.85	242107.69	605117.66
115	214+56.78	64.43' LT	684.91	242109.81	605115.53
116	214+58.89	67.42' LT	684.55	242112.01	605112.61
117	214+61.43	73.41' LT	684.60	242114.73	605106.70
118	214+62.04	76.41' LT	685.20	242115.43	605103.72
119	214+62.26	79.41' LT	685.28	242115.75	605100.73
120	214+58.90	73.42' LT	684.64	242112.21	605106.61
121	214+52.89	67.44' LT	684.70	242106.01	605112.40
122	214+52.90	73.44' LT	684.79	242106.22	605106.40
123	214+47.89	67.51' LT	684.86	242101.01	605112.17
124	214+47.90	73.46' LT	684.95	242101.22	605106.23
125	214+57.88	65.87' LT	684.75	242110.95	605114.12
126	214+60.24	70.06' LT	684.56	242113.44	605110.01
127	214+61.72	74.63' LT	684.79	242115.06	605105.49



NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

THE ENGINEER MAY ADJUST CURB RAMP ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE REQUIREMENTS OF THE STANDARD DETAILS.

DASHED SIDEWALK JOINT LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATIONAL PURPOSES ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.

SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

LEGEND

- X — CURB RAMP TYPE
- PED — CONCRETE CURB PEDESTRIAN
- SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- SW5 — CONCRETE SIDEWALK 5-INCH
- ASPH — ASPHALTIC SURFACE SAFETY ISLANDS
- L — LANDING
- UNT — UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- PT — CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
- XXXX YYY.YY — POINT NUMBER & ELEVATION
- GRADE BREAKLINE
- B — PEDESTRIAN PUSH BUTTON
- DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
- CG19 — CONCRETE CURB & GUTTER 19-INCH
- CG30G — CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
- CG30R — CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
- CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- CG31 — CONCRETE CURB & GUTTER 31-INCH
- CA — CONCRETE CURB TYPE A

DRIVEWAY STA 215 NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
134	214+98.58	79.29' LT	684.81	242152.05	605101.98
135	214+98.72	76.30' LT	684.91	242152.10	605104.98
136	214+99.25	73.30' LT	684.43	242152.54	605108.00
137	215+01.65	67.29' LT	684.53	242154.74	605114.08
138	215+03.69	64.28' LT	685.14	242156.69	605117.15
139	215+05.77	62.01' LT	685.21	242158.70	605119.48
140	215+01.67	73.29' LT	684.44	242154.95	605108.08
141	215+03.67	73.28' LT	684.58	242156.95	605108.15
142	215+03.65	67.28' LT	684.67	242156.74	605114.15
143	215+09.67	73.26' LT	684.69	242162.94	605108.35
144	215+02.81	78.28' LT	684.77	242156.25	605103.12
145	215+08.45	78.27' LT	684.85	242161.89	605103.32
146	215+08.46	65.95' LT	684.73	242161.51	605115.63

DRIVEWAY STA 215 NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
147	215+07.15	67.27' LT	684.71	242160.24	605114.27
148	215+12.27	70.19' LT	684.78	242165.45	605111.51
149	215+23.06	60.37' LT	685.68	242175.93	605121.66
150	215+23.03	66.41' LT	685.72	242176.08	605115.63
151	214+98.98	74.50' LT	684.62	242152.31	605106.78
152	215+00.36	69.90' LT	684.49	242153.54	605111.43
153	215+02.66	65.68' LT	684.85	242155.70	605115.72
154	215+28.08	66.44' LT	686.12	242181.13	605115.75
155	215+33.08	66.40' LT	686.19	242186.13	605115.94
156	215+33.06	60.56' LT	686.15	242185.93	605121.78
157	215+28.06	60.50' LT	686.08	242180.93	605121.68

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - DRIVEWAY STA 215+00 SW & NW	SHEET 128	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021304-CR_OAKLEAFDR.DWG
LAYOUT NAME - 06
PLOT DATE : 7/15/2026 2:40 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

LEGEND

X	CURB RAMP TYPE
PED	CONCRETE CURB PEDESTRIAN
SOD	RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
SW5	CONCRETE SIDEWALK 5-INCH
ASPH	ASPHALTIC SURFACE SAFETY ISLANDS
LL	LEVEL LANDING
UNT	UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
PT	CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
XXXX YYY.YY	POINT NUMBER & ELEVATION
	GRADE BREAKLINE
B	PEDESTRIAN PUSH BUTTON
	DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
CG19	CONCRETE CURB & GUTTER 19-INCH
CG30G	CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
CG30R	CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
CG36	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
CG31	CONCRETE CURB & GUTTER 31-INCH
CA	CONCRETE CURB TYPE A

NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

THE ENGINEER MAY ADJUST CURB RAMP ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE REQUIREMENTS OF THE STANDARD DETAILS.

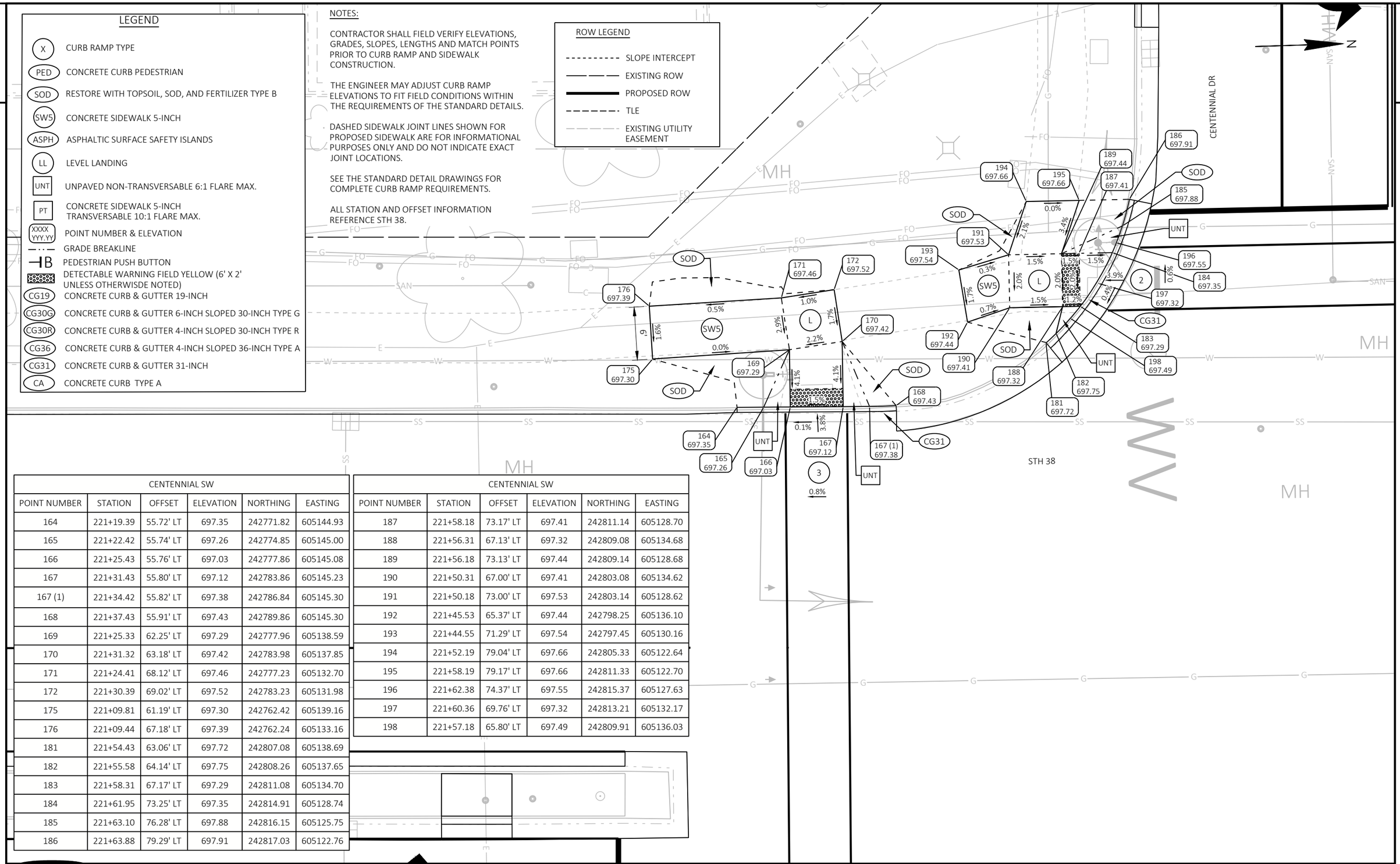
DASHED SIDEWALK JOINT LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATIONAL PURPOSES ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.

SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT



CENTENNIAL SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
164	221+19.39	55.72' LT	697.35	242771.82	605144.93
165	221+22.42	55.74' LT	697.26	242774.85	605145.00
166	221+25.43	55.76' LT	697.03	242777.86	605145.08
167	221+31.43	55.80' LT	697.12	242783.86	605145.23
167 (1)	221+34.42	55.82' LT	697.38	242786.84	605145.30
168	221+37.43	55.91' LT	697.43	242789.86	605145.30
169	221+25.33	62.25' LT	697.29	242777.96	605138.59
170	221+31.32	63.18' LT	697.42	242783.98	605137.85
171	221+24.41	68.12' LT	697.46	242777.23	605132.70
172	221+30.39	69.02' LT	697.52	242783.23	605131.98
175	221+09.81	61.19' LT	697.30	242762.42	605139.16
176	221+09.44	67.18' LT	697.39	242762.24	605133.16
181	221+54.43	63.06' LT	697.72	242807.08	605138.69
182	221+55.58	64.14' LT	697.75	242808.26	605137.65
183	221+58.31	67.17' LT	697.29	242811.08	605134.70
184	221+61.95	73.25' LT	697.35	242814.91	605128.74
185	221+63.10	76.28' LT	697.88	242816.15	605125.75
186	221+63.88	79.29' LT	697.91	242817.03	605122.76

CENTENNIAL SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
187	221+58.18	73.17' LT	697.41	242811.14	605128.70
188	221+56.31	67.13' LT	697.32	242809.08	605134.68
189	221+56.18	73.13' LT	697.44	242809.14	605128.68
190	221+50.31	67.00' LT	697.41	242803.08	605134.62
191	221+50.18	73.00' LT	697.53	242803.14	605128.62
192	221+45.53	65.37' LT	697.44	242798.25	605136.10
193	221+44.55	71.29' LT	697.54	242797.45	605130.16
194	221+52.19	79.04' LT	697.66	242805.33	605122.64
195	221+58.19	79.17' LT	697.66	242811.33	605122.70
196	221+62.38	74.37' LT	697.55	242815.37	605127.63
197	221+60.36	69.76' LT	697.32	242813.21	605132.17
198	221+57.18	65.80' LT	697.49	242809.91	605136.03

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - CENTENNIAL DR SW	SHEET 129	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021304-CR_OAKLEAFDR.DWG
LAYOUT NAME - 07
PLOT DATE : 7/15/2026 2:40 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

LEGEND

X	CURB RAMP TYPE
PED	CONCRETE CURB PEDESTRIAN
SOD	RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
SW5	CONCRETE SIDEWALK 5-INCH
ASPH	ASPHALTIC SURFACE SAFETY ISLANDS
LL	LEVEL LANDING
UNT	UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
PT	CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
XXXX YYY.YY	POINT NUMBER & ELEVATION
	GRADE BREAKLINE
B	PEDESTRIAN PUSH BUTTON
	DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
CG19	CONCRETE CURB & GUTTER 19-INCH
CG30G	CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
CG30R	CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
CG36	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
CG31	CONCRETE CURB & GUTTER 31-INCH
CA	CONCRETE CURB TYPE A

NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

THE ENGINEER MAY ADJUST CURB RAMP ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE REQUIREMENTS OF THE STANDARD DETAILS.

DASHED SIDEWALK JOINT LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATIONAL PURPOSES ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.

SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

REMOVE AND REPLACE DWF, MATCH EXISTING SIDEWALK GRADES

STH 38

CENTENNIAL DR

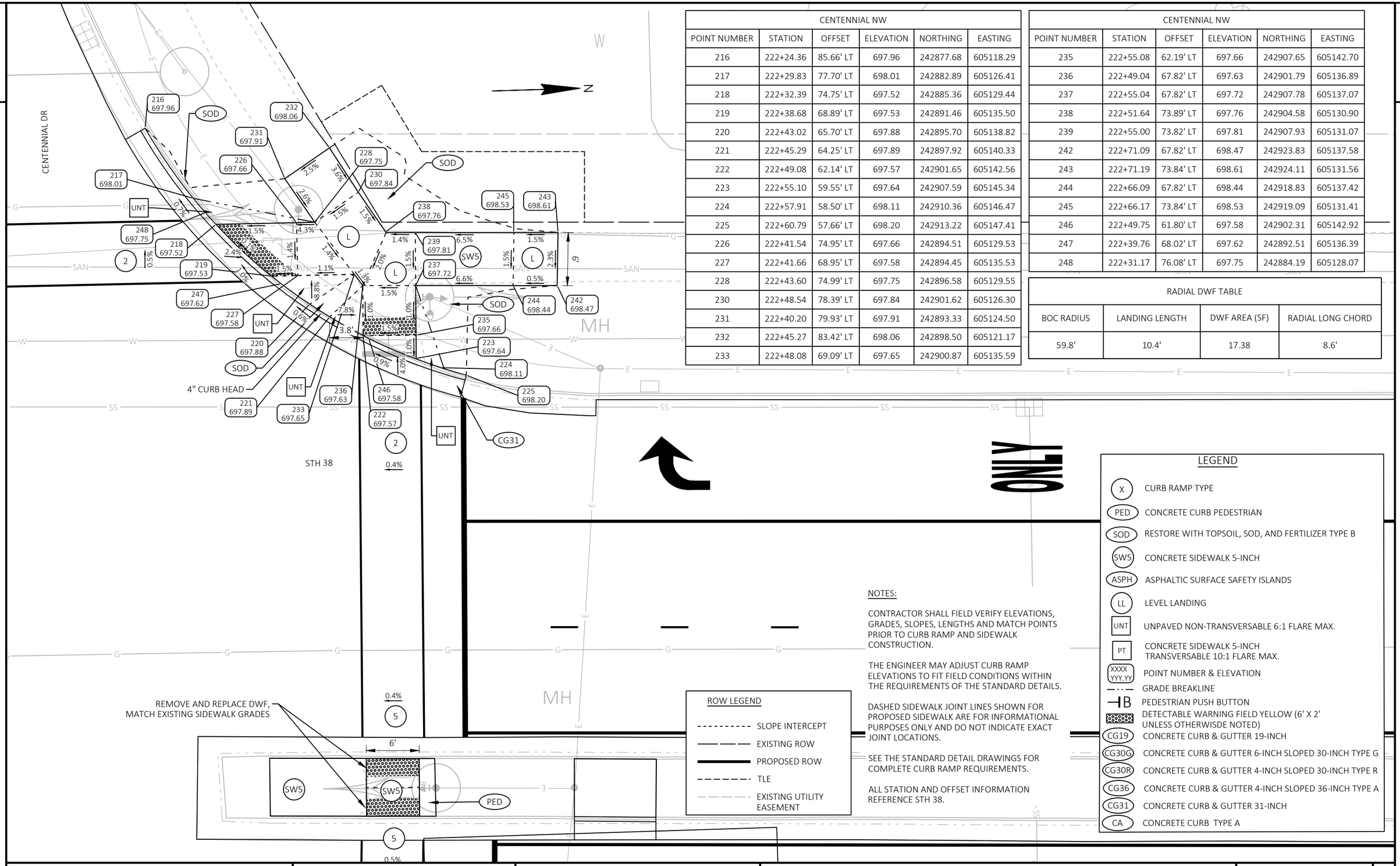
3" CURB HEAD

CENTENNIAL SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
256	221+21.58	57.89' RT	697.59	242770.47	605258.56
257	221+24.20	58.75' RT	697.60	242773.05	605259.49
258	221+27.22	59.95' RT	697.12	242776.03	605260.79
259	221+33.29	63.11' RT	697.25	242782.01	605264.13
260	221+35.82	64.79' RT	697.55	242784.48	605265.90
261	221+37.48	66.02' RT	697.59	242786.10	605267.17
262	221+40.63	68.67' RT	697.41	242789.17	605269.92
263	221+46.11	74.59' RT	697.46	242794.46	605276.01
264	221+48.25	77.55' RT	697.96	242796.51	605279.04
265	221+49.81	80.05' RT	697.98	242797.99	605281.58
266	221+27.27	63.21' RT	697.17	242775.98	605264.05
267	221+27.35	68.34' RT	697.38	242775.91	605269.18
268	221+33.36	68.78' RT	697.49	242781.90	605269.81
269	221+27.45	74.34' RT	697.52	242775.82	605275.18
270	221+33.15	74.55' RT	697.56	242781.51	605275.57
271	221+22.35	67.98' RT	697.57	242770.92	605268.66
272	221+22.45	73.98' RT	697.62	242770.83	605274.66
273	221+43.57	74.63' RT	697.50	242791.92	605275.97
274	221+37.65	68.72' RT	697.45	242786.19	605269.88
275	221+37.74	74.72' RT	697.59	242786.09	605275.88

CENTENNIAL SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
276	221+34.68	80.36' RT	697.73	242782.86	605281.42
277	221+40.21	78.04' RT	697.67	242788.46	605279.27
278	221+30.28	74.45' RT	697.54	242778.64	605275.37
279	221+37.81	66.28' RT	697.57	242786.43	605267.44
280	221+44.46	72.60' RT	697.44	242792.88	605273.97
281	221+30.10	61.32' RT	697.18	242778.87	605262.25
282	221+11.77	56.05' RT	697.53	242760.71	605256.41

RADIAL DWF TABLE			
BOC RADIUS	LANDING LENGTH	DWF AREA (SF)	RADIAL LONG CHORD
48.7'	8.3'	16.43	8.1'

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - CENTENNIAL DR S ISLAND & SE	SHEET 130 E



CENTENNIAL NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
216	222+24.36	85.66' LT	697.96	242877.68	605118.29
217	222+29.83	77.70' LT	698.01	242882.89	605126.41
218	222+32.39	74.75' LT	697.52	242885.36	605129.44
219	222+38.68	68.89' LT	697.53	242891.46	605135.50
220	222+43.02	65.70' LT	697.88	242895.70	605138.82
221	222+45.29	64.25' LT	697.89	242897.92	605140.33
222	222+49.08	62.14' LT	697.57	242901.65	605142.56
223	222+55.10	59.55' LT	697.64	242907.59	605145.34
224	222+57.91	58.50' LT	698.11	242910.36	605146.47
225	222+60.79	57.66' LT	698.20	242913.22	605147.41
226	222+41.54	74.95' LT	697.66	242894.51	605129.53
227	222+41.66	68.95' LT	697.58	242894.45	605135.53
228	222+43.60	74.99' LT	697.75	242896.58	605129.55
230	222+48.54	78.39' LT	697.84	242901.62	605126.30
231	222+40.20	79.93' LT	697.91	242893.33	605124.50
232	222+45.27	83.42' LT	698.06	242898.50	605121.17
233	222+48.08	69.09' LT	697.65	242900.87	605135.59

CENTENNIAL NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
235	222+55.08	62.19' LT	697.66	242907.65	605142.70
236	222+49.04	67.82' LT	697.63	242901.79	605136.89
237	222+55.04	67.82' LT	697.72	242907.78	605137.07
238	222+51.64	73.89' LT	697.76	242904.58	605130.90
239	222+55.00	73.82' LT	697.81	242907.93	605131.07
242	222+71.09	67.82' LT	698.47	242923.83	605137.58
243	222+71.19	73.84' LT	698.61	242924.11	605131.56
244	222+66.09	67.82' LT	698.44	242918.83	605137.42
245	222+66.17	73.84' LT	698.53	242919.09	605131.41
246	222+49.75	61.80' LT	697.58	242902.31	605142.92
247	222+39.76	68.02' LT	697.62	242892.51	605136.39
248	222+31.17	76.08' LT	697.75	242884.19	605128.07

RADIAL DWF TABLE			
BOC RADIUS	LANDING LENGTH	DWF AREA (SF)	RADIAL LONG CHORD
59.8'	10.4'	17.38	8.6'

NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

THE ENGINEER MAY ADJUST CURB RAMP ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE REQUIREMENTS OF THE STANDARD DETAILS.

DASHED SIDEWALK JOINT LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATIONAL PURPOSES ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.

SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

LEGEND

- X — CURB RAMP TYPE
- PED — CONCRETE CURB PEDESTRIAN
- SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- SW5 — CONCRETE SIDEWALK 5-INCH
- ASPH — ASPHALTIC SURFACE SAFETY ISLANDS
- LL — LEVEL LANDING
- UNT — UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- PT — CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
- XXXX YYY.YY — POINT NUMBER & ELEVATION
- GRADE BREAKLINE
- B — PEDESTRIAN PUSH BUTTON
- DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
- CG19 — CONCRETE CURB & GUTTER 19-INCH
- CG30G — CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
- CG30R — CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
- CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- CG31 — CONCRETE CURB & GUTTER 31-INCH
- CA — CONCRETE CURB TYPE A

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - CENTENNIAL DR NW & N ISLAND	SHEET 131	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021304-CR_OAKLEAFDR.DWG
LAYOUT NAME - 09
PLOT DATE : 7/15/2026 2:40 PM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

LEGEND

- X — CURB RAMP TYPE
- PED — CONCRETE CURB PEDESTRIAN
- SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- SW5 — CONCRETE SIDEWALK 5-INCH
- ASPH — ASPHALTIC SURFACE SAFETY ISLANDS
- LL — LEVEL LANDING
- UNT — UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- PT — CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
- XXXX YYY.YY — POINT NUMBER & ELEVATION
- GRADE BREAKLINE
- B — PEDESTRIAN PUSH BUTTON
- DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
- CG19 — CONCRETE CURB & GUTTER 19-INCH
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- CG30R — CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
- CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- CG31 — CONCRETE CURB & GUTTER 31-INCH
- CA — CONCRETE CURB TYPE A

NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

THE ENGINEER MAY ADJUST CURB RAMP ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE REQUIREMENTS OF THE STANDARD DETAILS.

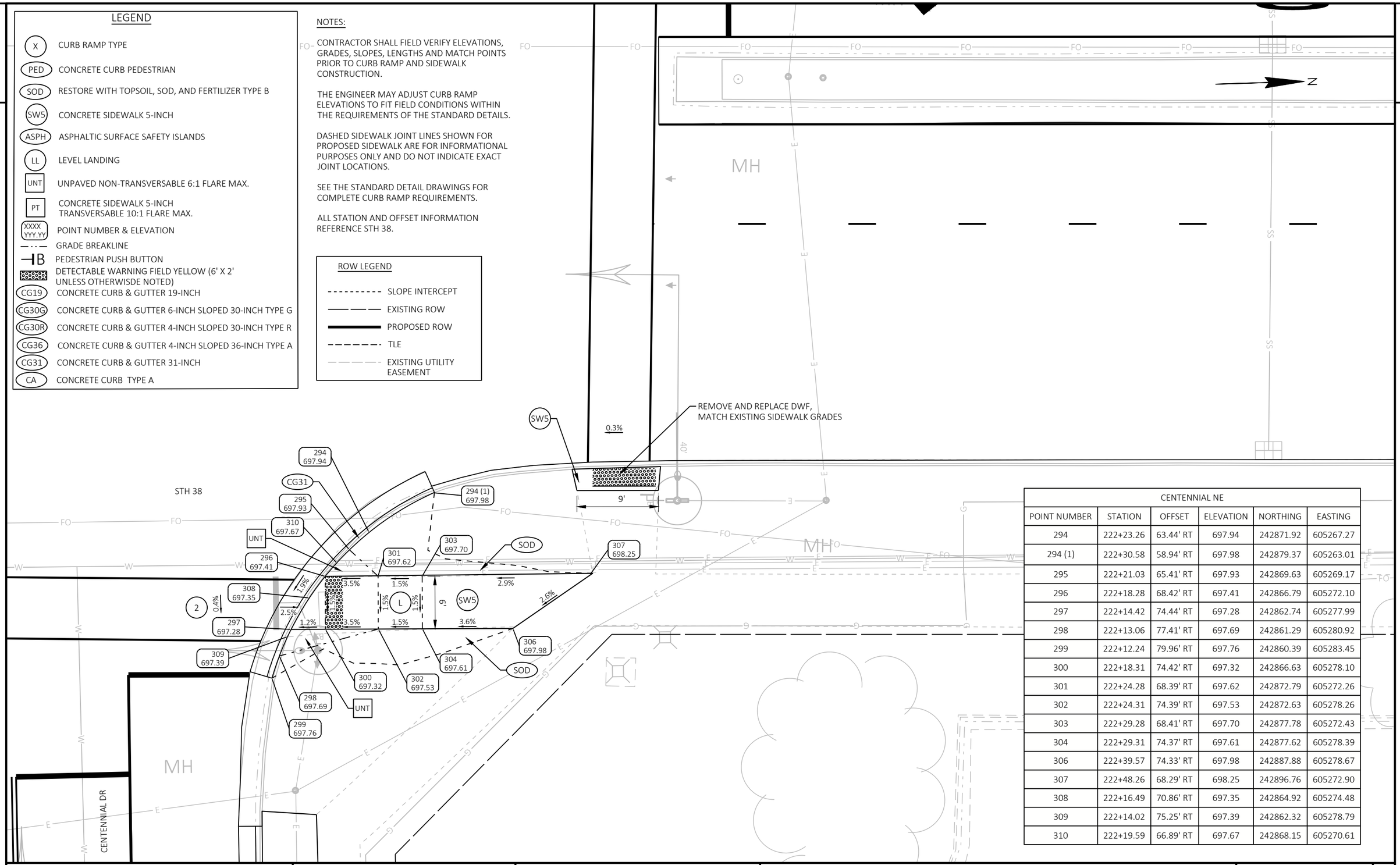
DASHED SIDEWALK JOINT LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATIONAL PURPOSES ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.

SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT



CENTENNIAL NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
294	222+23.26	63.44' RT	697.94	242871.92	605267.27
294 (1)	222+30.58	58.94' RT	697.98	242879.37	605263.01
295	222+21.03	65.41' RT	697.93	242869.63	605269.17
296	222+18.28	68.42' RT	697.41	242866.79	605272.10
297	222+14.42	74.44' RT	697.28	242862.74	605277.99
298	222+13.06	77.41' RT	697.69	242861.29	605280.92
299	222+12.24	79.96' RT	697.76	242860.39	605283.45
300	222+18.31	74.42' RT	697.32	242866.63	605278.10
301	222+24.28	68.39' RT	697.62	242872.79	605272.26
302	222+24.31	74.39' RT	697.53	242872.63	605278.26
303	222+29.28	68.41' RT	697.70	242877.78	605272.43
304	222+29.31	74.37' RT	697.61	242877.62	605278.39
306	222+39.57	74.33' RT	697.98	242887.88	605278.67
307	222+48.26	68.29' RT	698.25	242896.76	605272.90
308	222+16.49	70.86' RT	697.35	242864.92	605274.48
309	222+14.02	75.25' RT	697.39	242862.32	605278.79
310	222+19.59	66.89' RT	697.67	242868.15	605270.61

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - CENTENNIAL DR NE	SHEET 132	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021304-CR_OAKLEAFDR.DWG
LAYOUT NAME - 10
PLOT DATE : 7/15/2026 2:41 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

PUETZ SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
003	234+37.04	55.90' LT	696.91	244088.84	605185.91
004	234+47.26	79.87' LT	697.21	244099.80	605162.26
005	234+53.21	63.58' LT	697.00	244105.24	605178.73
006	234+47.21	63.58' LT	696.95	244099.24	605178.54
007	234+41.54	56.58' LT	696.87	244093.35	605185.36
008	234+44.39	57.34' LT	696.85	244096.23	605184.69
009	234+47.21	58.37' LT	696.83	244099.08	605183.75
010	234+53.21	61.58' LT	696.94	244105.18	605180.73
011	234+55.63	63.35' LT	697.13	244107.65	605179.03
012	234+62.53	70.86' LT	697.10	244114.78	605171.74
013	234+64.34	73.86' LT	696.83	244116.69	605168.80
014	234+66.86	79.86' LT	696.72	244119.39	605162.89
015	234+67.65	82.86' LT	696.93	244120.27	605159.91
016	234+68.38	88.56' LT	696.91	244121.18	605154.23
017	234+47.21	61.58' LT	696.88	244099.18	605180.54

PUETZ SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
018	234+47.22	67.87' LT	697.09	244099.38	605174.25
019	234+53.22	67.87' LT	697.14	244105.38	605174.44
020	234+53.23	79.87' LT	697.15	244105.77	605162.45
021	234+47.24	73.87' LT	697.17	244099.59	605168.25
022	234+53.22	73.88' LT	697.23	244105.57	605168.43
023	234+64.35	79.86' LT	696.75	244116.88	605162.81
024	234+62.34	73.86' LT	696.90	244114.69	605168.74
025	234+62.35	79.86' LT	696.83	244114.88	605162.74
026	234+52.26	79.87' LT	697.16	244104.80	605162.42
027	234+47.36	94.86' LT	697.35	244100.36	605147.28
028	234+52.36	94.81' LT	697.26	244105.36	605147.49
029	234+56.21	63.84' LT	697.17	244108.25	605178.57
030	234+60.40	67.98' LT	697.13	244112.56	605174.56
031	234+51.90	60.70' LT	696.91	244103.84	605181.56
032	234+66.10	77.60' LT	696.76	244118.56	605165.12

NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

THE ENGINEER MAY ADJUST CURB RAMP ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE REQUIREMENTS OF THE STANDARD DETAILS.

DASHED SIDEWALK JOINT LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATIONAL PURPOSES ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.

SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

LEGEND

- X — CURB RAMP TYPE
- PED — CONCRETE CURB PEDESTRIAN
- SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- SW5 — CONCRETE SIDEWALK 5-INCH
- ASPH — ASPHALTIC SURFACE SAFETY ISLANDS
- L — LANDING
- UNT — UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- PT — CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
- XXXX YYY.YY — POINT NUMBER & ELEVATION
- GRADE BREAKLINE
- PEDESTRIAN PUSH BUTTON
- DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
- CG19 — CONCRETE CURB & GUTTER 19-INCH
- CG30G — CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
- CG30R — CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
- CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- CG31 — CONCRETE CURB & GUTTER 31-INCH
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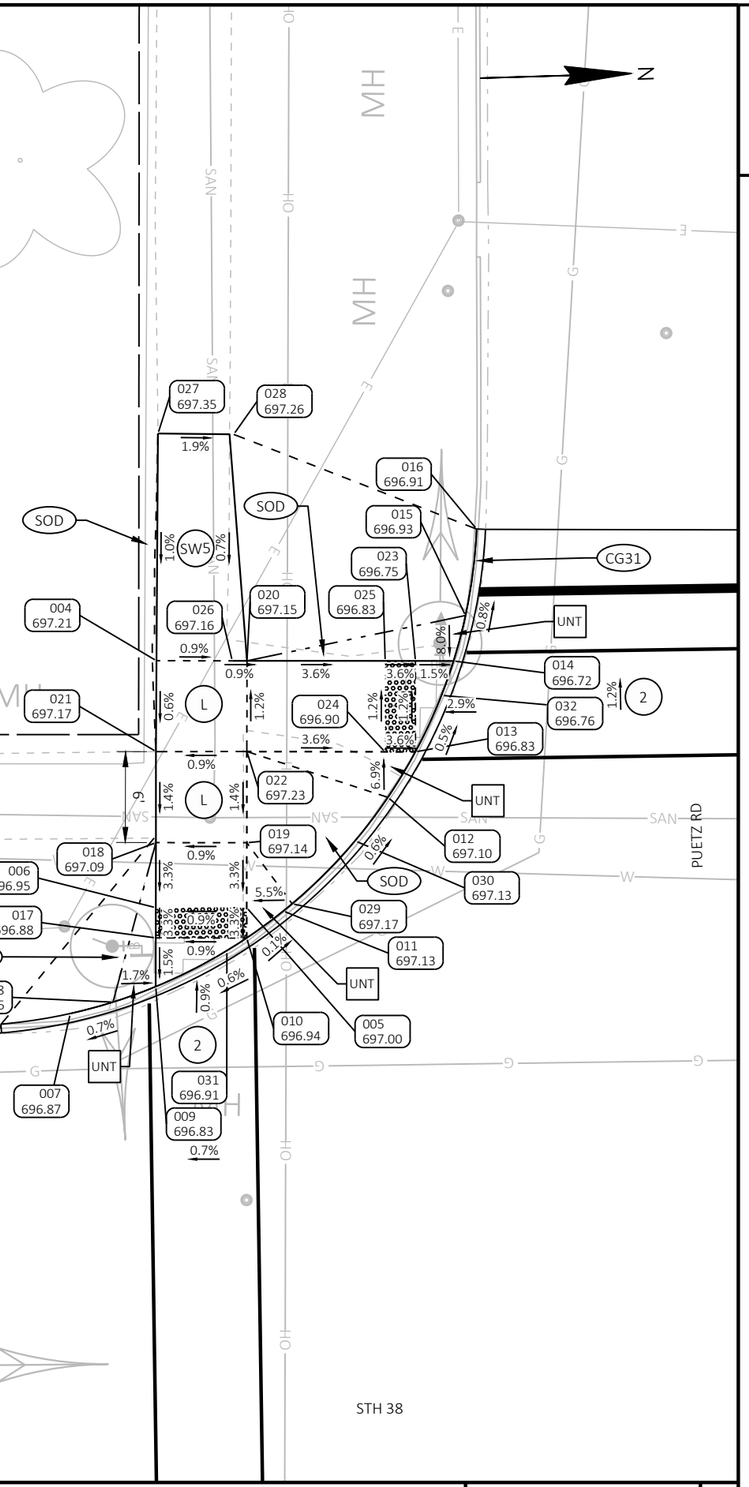

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - PUETZ RD SW	SHEET 133	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021305-CR_PUETZRD.DWG
LAYOUT NAME - 01
PLOT DATE : 7/15/2026 2:41 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

LEGEND

- X — CURB RAMP TYPE
- PED — CONCRETE CURB PEDESTRIAN
- SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- SW5 — CONCRETE SIDEWALK 5-INCH
- ASPH — ASPHALTIC SURFACE SAFETY ISLANDS
- L — LANDING
- UNT — UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- PT — CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
- XXXX YYY.YY — POINT NUMBER & ELEVATION
- GRADE BREAKLINE
- B — PEDESTRIAN PUSH BUTTON
- DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
- CG19 — CONCRETE CURB & GUTTER 19-INCH
- CG30G — CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
- CG30R — CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
- CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- CG31 — CONCRETE CURB & GUTTER 31-INCH
- CA — CONCRETE CURB TYPE A

NOTES:

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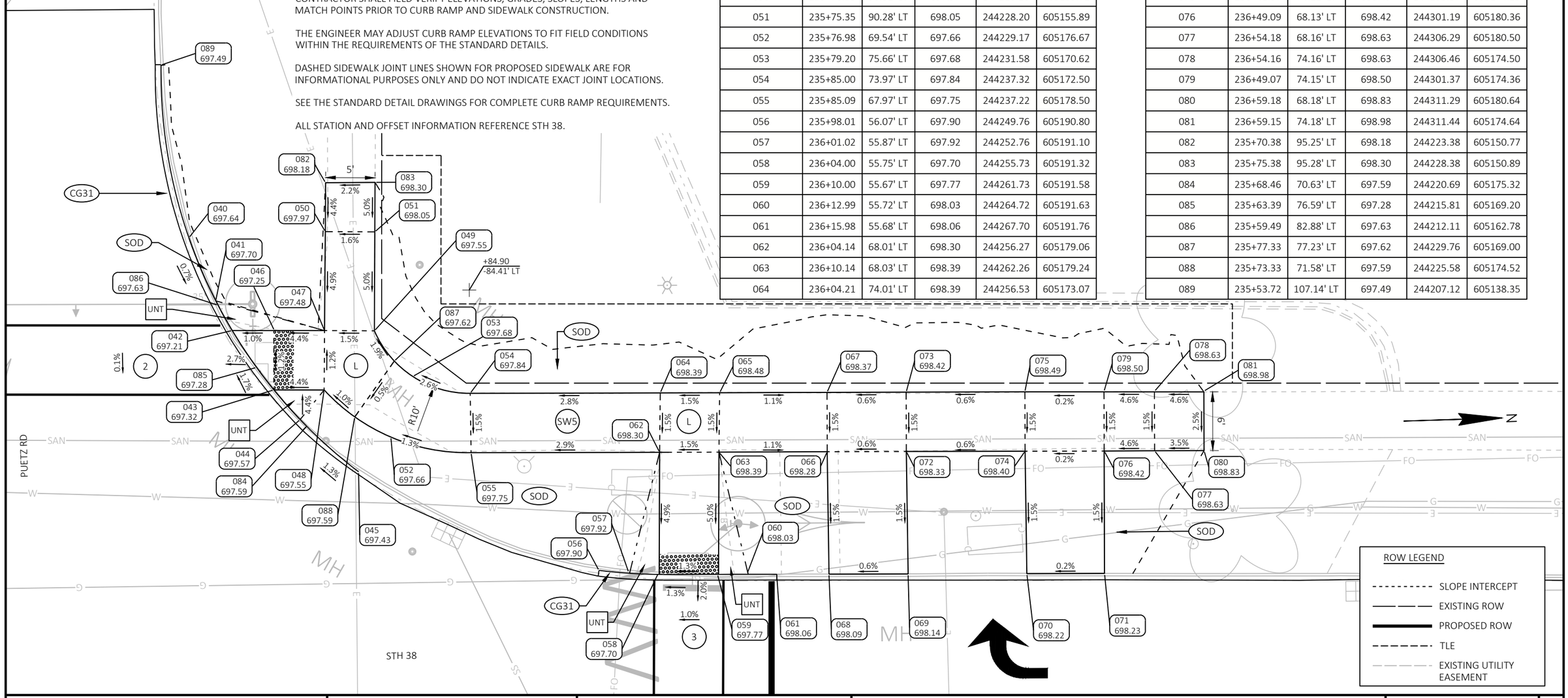
SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.



PUETZ NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
040	235+56.55	89.68' LT	697.64	244209.39	605155.90
041	235+59.27	83.31' LT	697.70	244211.90	605162.34
042	235+60.93	80.31' LT	697.21	244213.47	605165.40
043	235+65.14	74.31' LT	697.32	244217.49	605171.53
044	235+67.80	71.31' LT	697.57	244220.05	605174.61
045	235+73.71	66.03' LT	697.43	244225.79	605180.08
046	235+65.15	80.31' LT	697.25	244217.68	605165.53
047	235+70.27	80.31' LT	697.48	244222.81	605165.70
048	235+70.23	74.30' LT	697.55	244222.57	605171.70
049	235+75.31	80.28' LT	697.55	244227.84	605165.88
050	235+70.35	90.31' LT	697.97	244223.20	605155.71
051	235+75.35	90.28' LT	698.05	244228.20	605155.89
052	235+76.98	69.54' LT	697.66	244229.17	605176.67
053	235+79.20	75.66' LT	697.68	244231.58	605170.62
054	235+85.00	73.97' LT	697.84	244237.32	605172.50
055	235+85.09	67.97' LT	697.75	244237.22	605178.50
056	235+98.01	56.07' LT	697.90	244249.76	605190.80
057	236+01.02	55.87' LT	697.92	244252.76	605191.10
058	236+04.00	55.75' LT	697.70	244255.73	605191.32
059	236+10.00	55.67' LT	697.77	244261.73	605191.58
060	236+12.99	55.72' LT	698.03	244264.72	605191.63
061	236+15.98	55.68' LT	698.06	244267.70	605191.76
062	236+04.14	68.01' LT	698.30	244256.27	605179.06
063	236+10.14	68.03' LT	698.39	244262.26	605179.24
064	236+04.21	74.01' LT	698.39	244256.53	605173.07

PUETZ NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
065	236+10.21	74.03' LT	698.48	244262.53	605173.24
066	236+21.09	68.07' LT	698.28	244273.21	605179.54
067	236+21.07	74.06' LT	698.37	244273.38	605173.55
068	236+21.27	55.70' LT	698.09	244272.99	605191.91
069	236+29.27	55.70' LT	698.14	244280.99	605192.16
070	236+41.27	55.72' LT	698.22	244292.98	605192.52
071	236+49.12	55.73' LT	698.23	244300.83	605192.76
072	236+29.09	68.09' LT	698.33	244281.20	605179.77
073	236+29.07	74.09' LT	698.42	244281.37	605173.78
074	236+41.09	68.12' LT	698.40	244293.20	605180.12
075	236+41.07	74.12' LT	698.49	244293.37	605174.13
076	236+49.09	68.13' LT	698.42	244301.19	605180.36
077	236+54.18	68.16' LT	698.63	244306.29	605180.50
078	236+54.16	74.16' LT	698.63	244306.46	605174.50
079	236+49.07	74.15' LT	698.50	244301.37	605174.36
080	236+59.18	68.18' LT	698.83	244311.29	605180.64
081	236+59.15	74.18' LT	698.98	244311.44	605174.64
082	235+70.38	95.25' LT	698.18	244223.38	605150.77
083	235+75.38	95.28' LT	698.30	244228.38	605150.89
084	235+68.46	70.63' LT	697.59	244220.69	605175.32
085	235+63.39	76.59' LT	697.28	244215.81	605169.20
086	235+59.49	82.88' LT	697.63	244212.11	605162.78
087	235+77.33	77.23' LT	697.62	244229.76	605169.00
088	235+73.33	71.58' LT	697.59	244225.58	605174.52
089	235+53.72	107.14' LT	697.49	244207.12	605138.35

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - PUETZ RD NW	SHEET 134	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021305-CR_PUETZRD.DWG
LAYOUT NAME - 03
PLOT DATE : 7/15/2026 2:41 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

PUETZ NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
104	235+84.07	87.88' RT	697.58	244231.26	605334.24
105	235+84.56	84.93' RT	697.62	244231.84	605331.30
106	235+85.05	81.95' RT	697.40	244232.43	605328.34
107	235+86.31	76.02' RT	697.50	244233.87	605322.45
108	235+87.40	73.08' RT	697.76	244235.05	605319.55
109	235+88.73	70.40' RT	697.77	244236.47	605316.91
110	235+85.95	82.01' RT	697.41	244233.32	605328.43
111	235+98.35	82.76' RT	698.01	244245.70	605329.57
112	235+99.44	76.81' RT	698.10	244246.97	605323.66
113	236+03.27	83.65' RT	698.09	244250.59	605330.62
114	236+04.35	77.72' RT	698.18	244251.85	605324.72
115	235+96.10	95.15' RT	698.16	244243.05	605341.89
116	236+01.04	95.92' RT	698.21	244247.96	605342.81
121	235+97.41	60.84' RT	697.88	244245.45	605307.64
122	236+00.74	58.83' RT	697.95	244248.84	605305.73
123	236+03.74	57.51' RT	697.75	244251.88	605304.51
124	236+09.75	55.96' RT	697.82	244257.93	605303.14
126	236+14.65	55.64' RT	698.13	244262.84	605302.98
127	236+10.19	55.91' RT	698.05	244258.37	605303.11
128	236+03.71	68.23' RT	698.34	244251.51	605315.22

PUETZ NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
129	236+09.70	68.21' RT	698.43	244257.50	605315.39
130	236+05.05	73.93' RT	698.38	244252.67	605320.96
131	236+09.75	73.91' RT	698.45	244257.37	605321.09
132	236+01.00	68.24' RT	698.33	244248.80	605315.15
133	236+00.13	73.03' RT	698.31	244247.78	605319.91
136	236+10.21	68.20' RT	698.44	244258.01	605315.40
137	235+85.39	79.88' RT	697.43	244232.83	605326.28
138	235+85.91	77.41' RT	697.47	244233.43	605323.83
139	235+86.65	74.99' RT	697.59	244234.24	605321.44
140	235+87.58	72.66' RT	697.77	244235.25	605319.13
141	236+01.36	58.54' RT	697.91	244249.47	605305.46
142	236+05.62	56.87' RT	697.77	244253.78	605303.93

LEGEND

- X — CURB RAMP TYPE
- PED — CONCRETE CURB PEDESTRIAN
- SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- SW5 — CONCRETE SIDEWALK 5-INCH
- ASPH — ASPHALTIC SURFACE SAFETY ISLANDS
- L — LANDING
- UNT — UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- PT — CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
- XXXX YYY.YY — POINT NUMBER & ELEVATION
- GRADE BREAKLINE
- B — PEDESTRIAN PUSH BUTTON
- DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
- CG19 — CONCRETE CURB & GUTTER 19-INCH
- CG30G — CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
- CG30R — CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
- CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- CG31 — CONCRETE CURB & GUTTER 31-INCH
- CA — CONCRETE CURB TYPE A

NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

THE ENGINEER MAY ADJUST CURB RAMP ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE REQUIREMENTS OF THE STANDARD DETAILS.

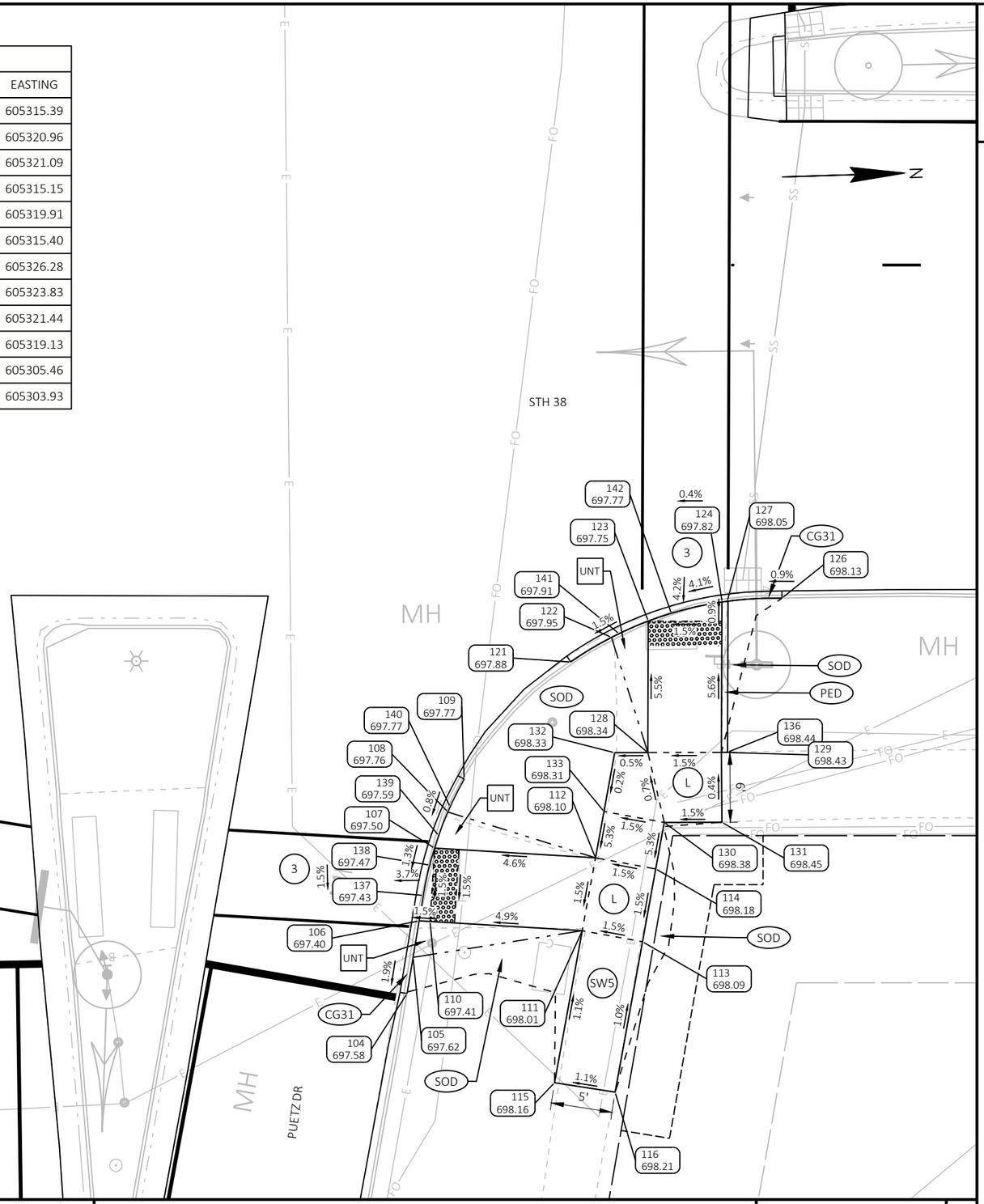
DASHED SIDEWALK JOINT LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATIONAL PURPOSES ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.

SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

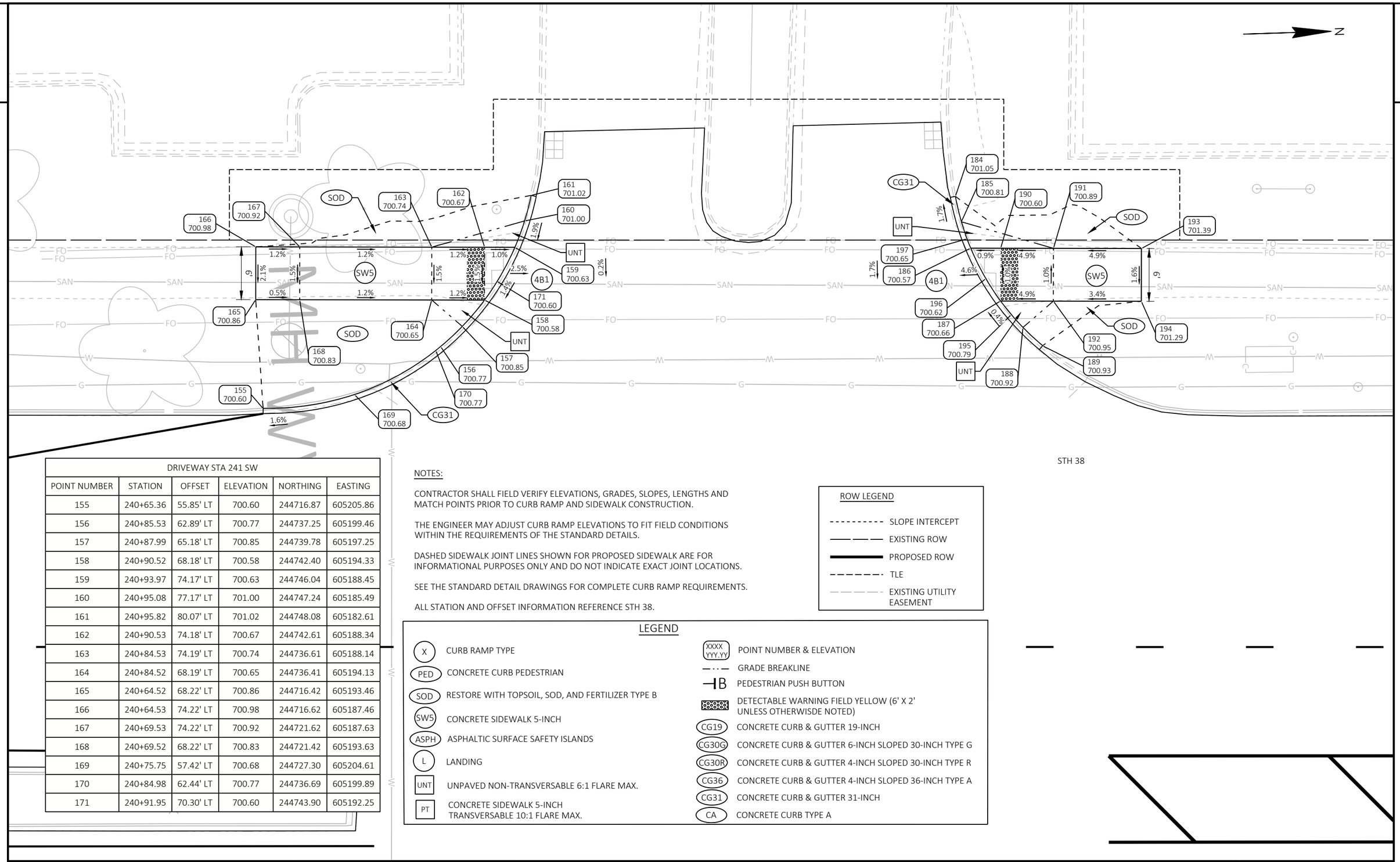
ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT



PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - PUETZ RD NE	SHEET 135	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021305-CR_PUETZRD.DWG
LAYOUT NAME - 04
PLOT DATE : 7/15/2026 2:42 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42



DRIVEWAY STA 241 SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
155	240+65.36	55.85' LT	700.60	244716.87	605205.86
156	240+85.53	62.89' LT	700.77	244737.25	605199.46
157	240+87.99	65.18' LT	700.85	244739.78	605197.25
158	240+90.52	68.18' LT	700.58	244742.40	605194.33
159	240+93.97	74.17' LT	700.63	244746.04	605188.45
160	240+95.08	77.17' LT	701.00	244747.24	605185.49
161	240+95.82	80.07' LT	701.02	244748.08	605182.61
162	240+90.53	74.18' LT	700.67	244742.61	605188.34
163	240+84.53	74.19' LT	700.74	244736.61	605188.14
164	240+84.52	68.19' LT	700.65	244736.41	605194.13
165	240+64.52	68.22' LT	700.86	244716.42	605193.46
166	240+64.53	74.22' LT	700.98	244716.62	605187.46
167	240+69.53	74.22' LT	700.92	244721.62	605187.63
168	240+69.52	68.22' LT	700.83	244721.42	605193.63
169	240+75.75	57.42' LT	700.68	244727.30	605204.61
170	240+84.98	62.44' LT	700.77	244736.69	605199.89
171	240+91.95	70.30' LT	700.60	244743.90	605192.25

NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

THE ENGINEER MAY ADJUST CURB RAMP ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE REQUIREMENTS OF THE STANDARD DETAILS.

DASHED SIDEWALK JOINT LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATIONAL PURPOSES ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.

SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

LEGEND

- (X) CURB RAMP TYPE
- (PED) CONCRETE CURB PEDESTRIAN
- (SOD) RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- (SW5) CONCRETE SIDEWALK 5-INCH
- (ASPH) ASPHALTIC SURFACE SAFETY ISLANDS
- (L) LANDING
- [UNT] UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- [PT] CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
- (XXXX YYY.YY) POINT NUMBER & ELEVATION
- GRADE BREAKLINE
- B PEDESTRIAN PUSH BUTTON
- DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
- (CG19) CONCRETE CURB & GUTTER 19-INCH
- (CG30G) CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
- (CG30R) CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
- (CG36) CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- (CG31) CONCRETE CURB & GUTTER 31-INCH
- (CA) CONCRETE CURB TYPE A

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - DRIVEWAY STA 241+00 SW & NW	SHEET 136	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021305-CR_PUETZRD.DWG
LAYOUT NAME - 05
PLOT DATE : 7/15/2026 2:42 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

LEGEND

- X — CURB RAMP TYPE
- PED — CONCRETE CURB PEDESTRIAN
- SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- SW5 — CONCRETE SIDEWALK 5-INCH
- ASPH — ASPHALTIC SURFACE SAFETY ISLANDS
- LL — LEVEL LANDING
- UNT — UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- PT — CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
- XXXX YYY.YY — POINT NUMBER & ELEVATION
- GRADE BREAKLINE
- B — PEDESTRIAN PUSH BUTTON
- DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
- CG19 — CONCRETE CURB & GUTTER 19-INCH
- CG30G — CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
- CG30R — CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
- CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- CG31 — CONCRETE CURB & GUTTER 31-INCH
- CA — CONCRETE CURB TYPE A

NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

THE ENGINEER MAY ADJUST CURB RAMP ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE REQUIREMENTS OF THE STANDARD DETAILS.

DASHED SIDEWALK JOINT LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATIONAL PURPOSES ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.

SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

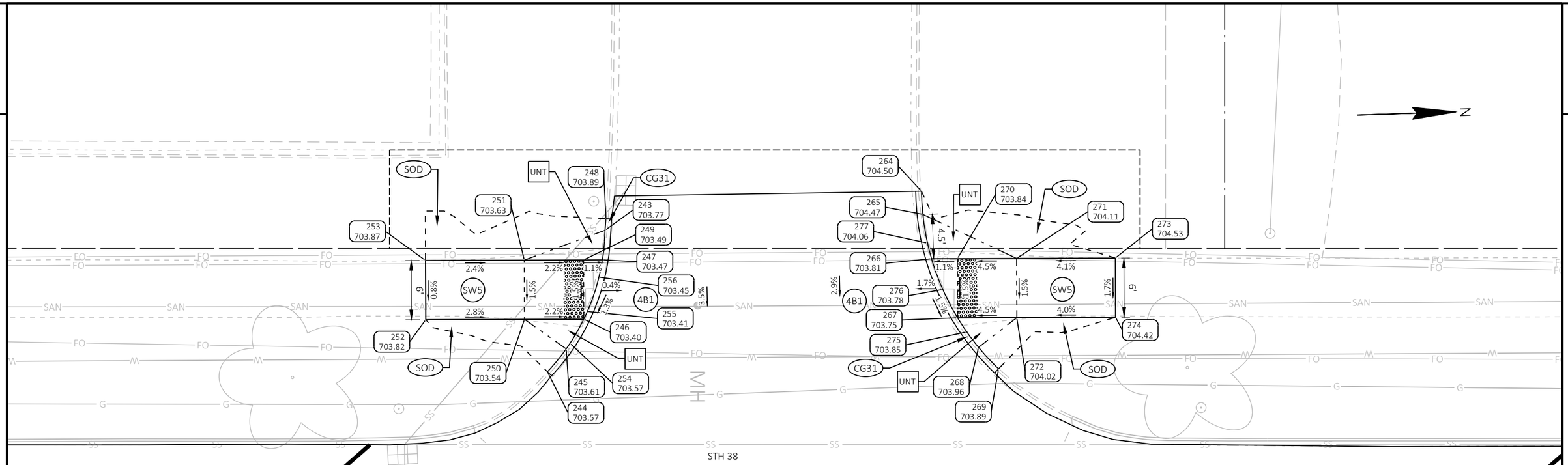
DRIVEWAY STA 241 SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
204	240+86.94	62.87' RT	701.09	244734.67	605325.20
205	240+89.09	64.98' RT	701.13	244736.75	605327.38
206	240+91.51	68.06' RT	700.69	244739.07	605330.53
207	240+94.56	74.05' RT	700.73	244741.93	605336.62
208	240+95.98	79.90' RT	701.12	244743.16	605342.51
209	240+91.52	74.06' RT	700.78	244738.89	605336.53
210	240+85.51	68.07' RT	700.90	244733.07	605330.35
211	240+85.52	74.07' RT	700.99	244732.89	605336.35
212	240+75.51	68.09' RT	701.15	244723.07	605330.05
213	240+75.55	74.07' RT	701.13	244722.92	605336.03
214	240+95.41	76.96' RT	701.23	244742.69	605339.55
215	240+93.01	70.56' RT	700.71	244740.49	605333.08
216	240+90.32	66.44' RT	700.92	244737.94	605328.88
217	240+94.92	75.10' RT	700.93	244742.25	605337.68

DRIVEWAY STA 241 NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
224	241+44.00	62.73' RT	701.55	244791.70	605326.87
225	241+41.80	64.78' RT	701.64	244789.44	605328.85
226	241+38.80	67.97' RT	701.28	244786.34	605331.94
227	241+35.34	73.98' RT	701.32	244782.69	605337.84
228	241+34.25	77.56' RT	701.91	244781.48	605341.39
229	241+33.88	79.77' RT	701.96	244781.05	605343.58
230	241+38.81	73.97' RT	701.37	244786.16	605337.94
231	241+44.80	67.96' RT	701.35	244792.33	605332.12
232	241+44.81	73.96' RT	701.44	244792.15	605338.12
233	241+49.96	67.95' RT	701.51	244797.49	605332.28
234	241+49.97	73.95' RT	701.49	244797.31	605338.27
235	241+36.15	72.15' RT	701.30	244783.56	605336.03
236	241+34.69	75.86' RT	701.63	244781.98	605339.70
237	241+40.83	65.72' RT	701.53	244788.44	605329.75
238	241+38.22	68.73' RT	701.28	244785.73	605332.69

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - DRIVEWAY STA 241+00 SE & NE	SHEET 137 E



DRIVEWAY STA 246 SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
243	245+70.59	76.87' LT	703.77	245222.50	605200.88
244	245+64.74	62.54' LT	703.57	245216.21	605215.02
245	245+66.64	64.86' LT	703.61	245218.18	605212.76
246	245+68.42	67.87' LT	703.40	245220.06	605209.81
247	245+70.30	73.87' LT	703.47	245222.12	605203.87
248	245+70.68	78.01' LT	703.89	245222.63	605199.74
249	245+68.40	73.87' LT	703.49	245220.23	605203.81
250	245+62.42	67.84' LT	703.54	245214.06	605209.64
251	245+62.40	73.84' LT	703.63	245214.23	605203.64
252	245+52.42	67.81' LT	703.82	245204.06	605209.36
253	245+52.40	73.81' LT	703.87	245204.23	605203.36
254	245+67.02	65.41' LT	703.57	245218.58	605212.22
255	245+68.78	68.64' LT	703.41	245220.44	605209.05
256	245+69.95	72.12' LT	703.45	245221.72	605205.61

NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

THE ENGINEER MAY ADJUST CURB RAMP ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE REQUIREMENTS OF THE STANDARD DETAILS.

DASHED SIDEWALK JOINT LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATIONAL PURPOSES ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.

SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

DRIVEWAY STA 246 NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
264	246+02.62	80.83' LT	704.50	245254.65	605197.94
265	246+02.76	78.48' LT	704.47	245254.71	605200.29
266	246+03.64	73.99' LT	703.81	245255.45	605204.81
267	246+06.27	68.00' LT	703.75	245257.89	605210.88
268	246+08.39	65.01' LT	703.96	245259.92	605213.94
269	246+10.42	62.83' LT	703.89	245261.87	605216.18
270	246+06.25	74.00' LT	703.84	245258.06	605204.88
271	246+12.25	74.02' LT	704.11	245264.06	605205.05
272	246+12.27	68.02' LT	704.02	245263.89	605211.05
273	246+22.25	74.05' LT	704.53	245274.05	605205.33
274	246+22.27	68.05' LT	704.42	245273.89	605211.33
275	246+07.20	66.57' LT	703.85	245258.78	605212.33
276	246+04.77	70.88' LT	703.78	245256.49	605207.96
277	246+03.23	75.57' LT	704.06	245255.09	605203.22

LEGEND

- X — CURB RAMP TYPE
- PED — CONCRETE CURB PEDESTRIAN
- SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- SW5 — CONCRETE SIDEWALK 5-INCH
- ASPH — ASPHALTIC SURFACE SAFETY ISLANDS
- L — LANDING
- UNT — UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- PT — CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
- XXXX YYY.YY — POINT NUMBER & ELEVATION
- GRADE BREAKLINE
- B — PEDESTRIAN PUSH BUTTON
- DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
- CG19 — CONCRETE CURB & GUTTER 19-INCH
- CG30G — CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
- CG30R — CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
- CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- CG31 — CONCRETE CURB & GUTTER 31-INCH
- CA — CONCRETE CURB TYPE A

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - DRIVEWAY STA 246+00 SW & NW	SHEET 138	E

LEGEND

- (X) CURB RAMP TYPE
- (PED) CONCRETE CURB PEDESTRIAN
- (SOD) RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- (SW5) CONCRETE SIDEWALK 5-INCH
- (ASPH) ASPHALTIC SURFACE SAFETY ISLANDS
- (LL) LEVEL LANDING
- [UNT] UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- [PT] CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
- (XXXX YYY.YY) POINT NUMBER & ELEVATION
- GRADE BREAKLINE
- B PEDESTRIAN PUSH BUTTON
- DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
- (CG19) CONCRETE CURB & GUTTER 19-INCH
- (CG30G) CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
- (CG30R) CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
- (CG36) CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- (CG31) CONCRETE CURB & GUTTER 31-INCH
- (CA) CONCRETE CURB TYPE A

NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

THE ENGINEER MAY ADJUST CURB RAMP ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE REQUIREMENTS OF THE STANDARD DETAILS.

DASHED SIDEWALK JOINT LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATIONAL PURPOSES ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.

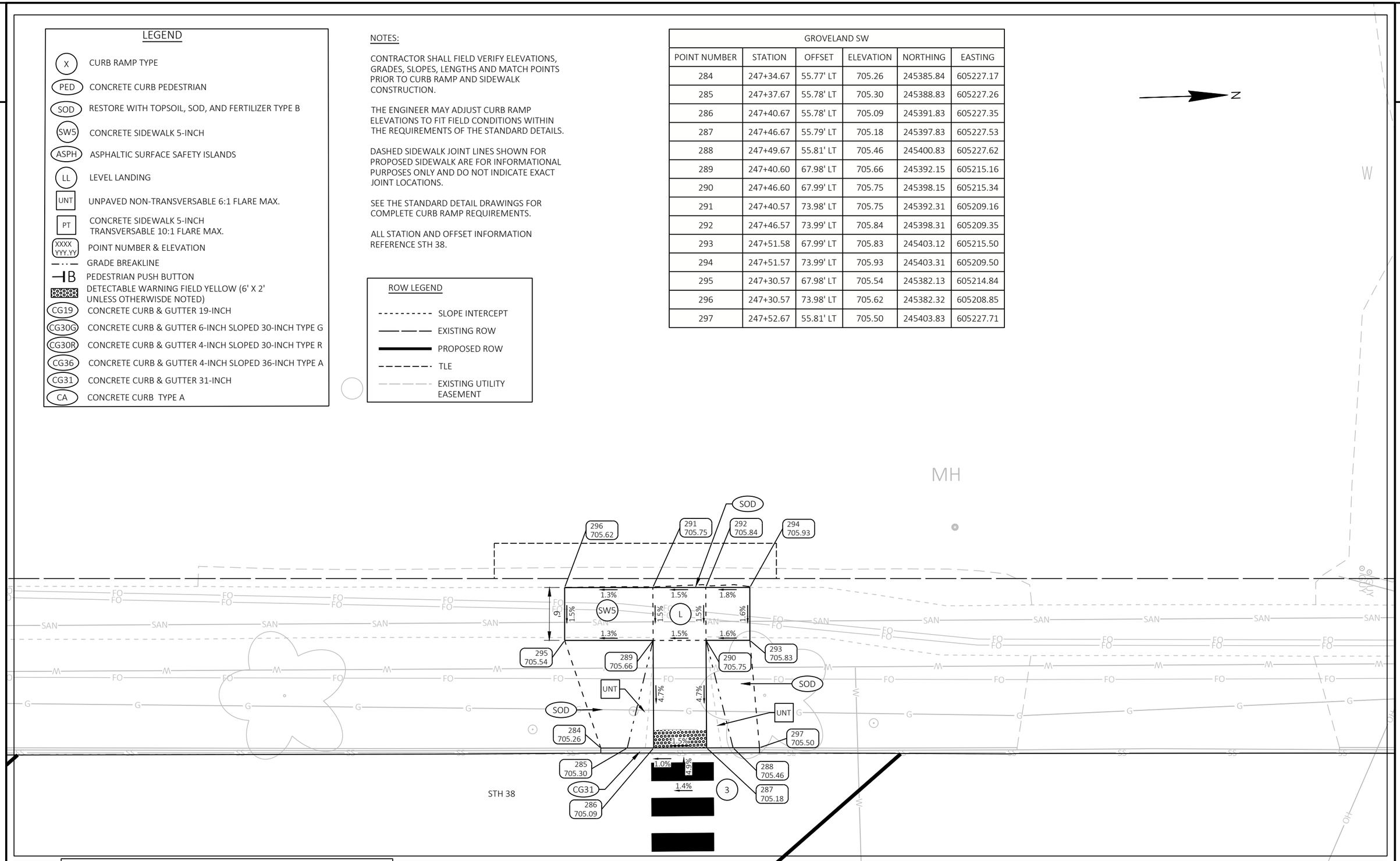
SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

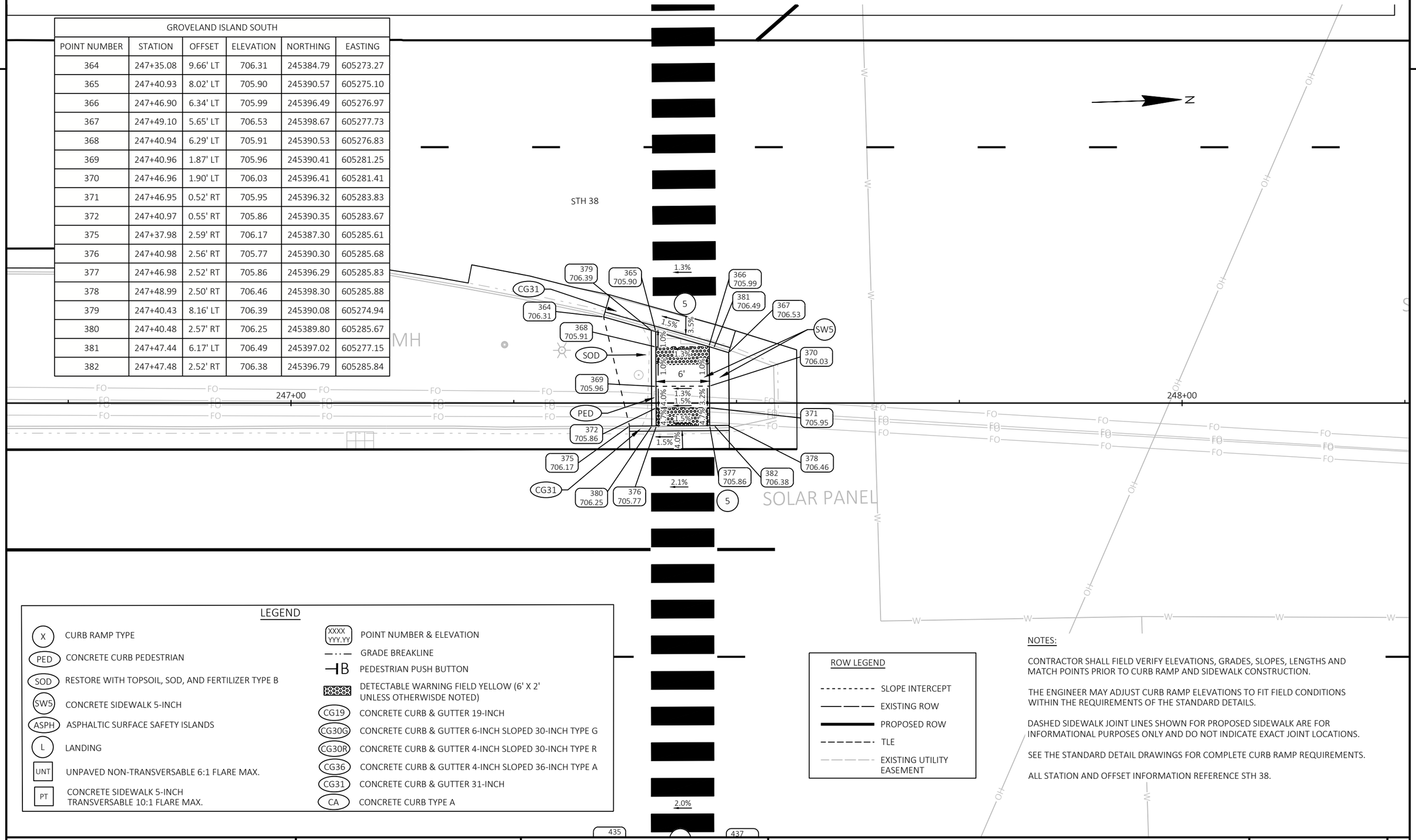
GROVELAND SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
284	247+34.67	55.77' LT	705.26	245385.84	605227.17
285	247+37.67	55.78' LT	705.30	245388.83	605227.26
286	247+40.67	55.78' LT	705.09	245391.83	605227.35
287	247+46.67	55.79' LT	705.18	245397.83	605227.53
288	247+49.67	55.81' LT	705.46	245400.83	605227.62
289	247+40.60	67.98' LT	705.66	245392.15	605215.16
290	247+46.60	67.99' LT	705.75	245398.15	605215.34
291	247+40.57	73.98' LT	705.75	245392.31	605209.16
292	247+46.57	73.99' LT	705.84	245398.31	605209.35
293	247+51.58	67.99' LT	705.83	245403.12	605215.50
294	247+51.57	73.99' LT	705.93	245403.31	605209.50
295	247+30.57	67.98' LT	705.54	245382.13	605214.84
296	247+30.57	73.98' LT	705.62	245382.32	605208.85
297	247+52.67	55.81' LT	705.50	245403.83	605227.71



PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - GROVELAND DR SW	SHEET 139	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021305-CR_PUETZRD.DWG
LAYOUT NAME - 08
PLOT DATE : 7/15/2026 2:43 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

GROVELAND ISLAND SOUTH					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
364	247+35.08	9.66' LT	706.31	245384.79	605273.27
365	247+40.93	8.02' LT	705.90	245390.57	605275.10
366	247+46.90	6.34' LT	705.99	245396.49	605276.97
367	247+49.10	5.65' LT	706.53	245398.67	605277.73
368	247+40.94	6.29' LT	705.91	245390.53	605276.83
369	247+40.96	1.87' LT	705.96	245390.41	605281.25
370	247+46.96	1.90' LT	706.03	245396.41	605281.41
371	247+46.95	0.52' RT	705.95	245396.32	605283.83
372	247+40.97	0.55' RT	705.86	245390.35	605283.67
375	247+37.98	2.59' RT	706.17	245387.30	605285.61
376	247+40.98	2.56' RT	705.77	245390.30	605285.68
377	247+46.98	2.52' RT	705.86	245396.29	605285.83
378	247+48.99	2.50' RT	706.46	245398.30	605285.88
379	247+40.43	8.16' LT	706.39	245390.08	605274.94
380	247+40.48	2.57' RT	706.25	245389.80	605285.67
381	247+47.44	6.17' LT	706.49	245397.02	605277.15
382	247+47.48	2.52' RT	706.38	245396.79	605285.84



LEGEND

X — CURB RAMP TYPE	XXXX YYY.YY — POINT NUMBER & ELEVATION
PED — CONCRETE CURB PEDESTRIAN	GRADE BREAKLINE
SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B	B — PEDESTRIAN PUSH BUTTON
SW5 — CONCRETE SIDEWALK 5-INCH	DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
ASPH — ASPHALTIC SURFACE SAFETY ISLANDS	CG19 — CONCRETE CURB & GUTTER 19-INCH
L — LANDING	CG30G — CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
UNT — UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.	CG30R — CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
PT — CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.	CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
	CG31 — CONCRETE CURB & GUTTER 31-INCH
	CA — CONCRETE CURB TYPE A

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

THE ENGINEER MAY ADJUST CURB RAMP ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE REQUIREMENTS OF THE STANDARD DETAILS.

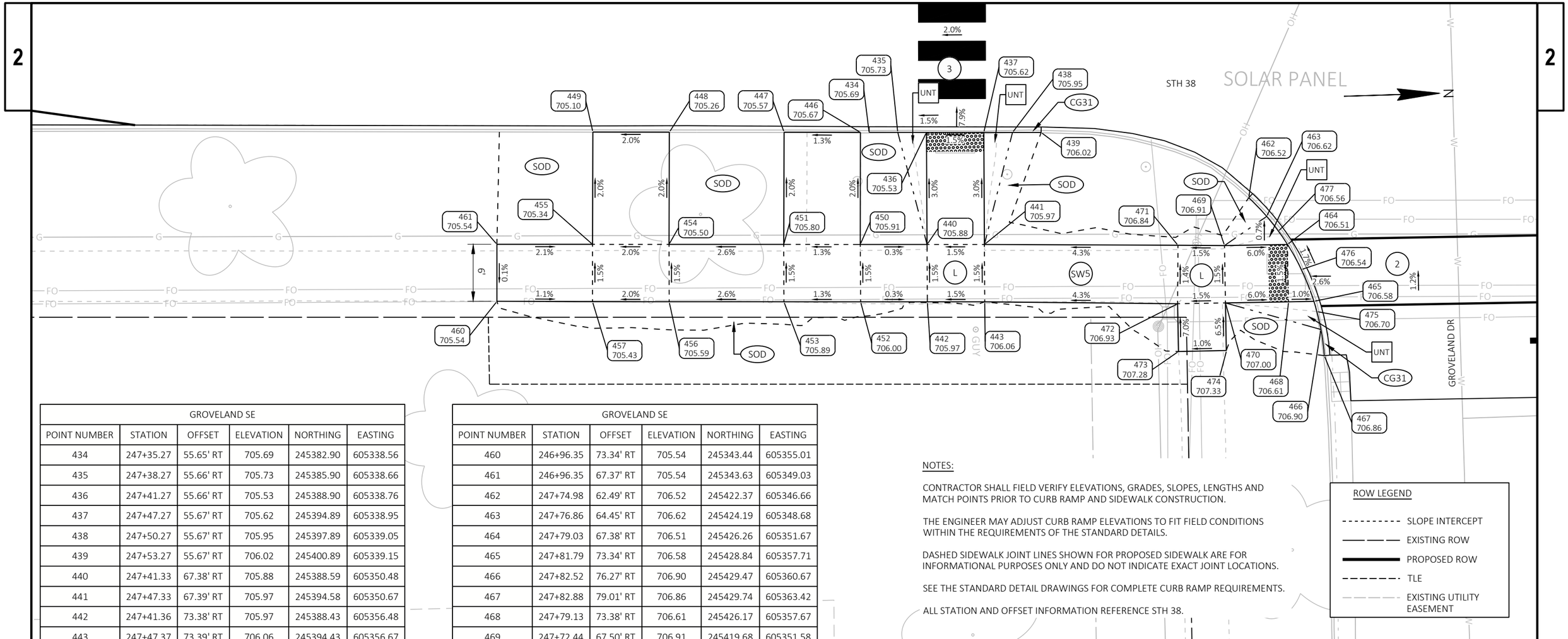
DASHED SIDEWALK JOINT LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATIONAL PURPOSES ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.

SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - GROVELAND DR ISLAND SOUTH	SHEET 140	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021305-CR_PUETZRD.DWG
LAYOUT NAME - 09
PLOT DATE : 7/15/2026 2:43 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42



GROVELAND SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
434	247+35.27	55.65' RT	705.69	245382.90	605338.56
435	247+38.27	55.66' RT	705.73	245385.90	605338.66
436	247+41.27	55.66' RT	705.53	245388.90	605338.76
437	247+47.27	55.67' RT	705.62	245394.89	605338.95
438	247+50.27	55.67' RT	705.95	245397.89	605339.05
439	247+53.27	55.67' RT	706.02	245400.89	605339.15
440	247+41.33	67.38' RT	705.88	245388.59	605350.48
441	247+47.33	67.39' RT	705.97	245394.58	605350.67
442	247+41.36	73.38' RT	705.97	245388.43	605356.48
443	247+47.37	73.39' RT	706.06	245394.43	605356.67
446	247+34.36	55.65' RT	705.67	245381.99	605338.53
447	247+26.39	55.64' RT	705.57	245374.02	605338.27
448	247+14.39	55.63' RT	705.26	245362.03	605337.88
449	247+06.39	55.62' RT	705.10	245354.03	605337.62
450	247+34.35	67.38' RT	705.91	245381.61	605350.25
451	247+26.35	67.38' RT	705.80	245373.61	605350.00
452	247+34.39	73.38' RT	706.00	245381.45	605356.25
453	247+26.36	73.38' RT	705.89	245373.44	605355.99
454	247+14.35	67.37' RT	705.50	245361.62	605349.61
455	247+06.35	67.37' RT	705.34	245353.62	605349.35
456	247+14.36	73.37' RT	705.59	245361.44	605355.61
457	247+06.35	73.37' RT	705.43	245353.43	605355.35

GROVELAND SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
460	246+96.35	73.34' RT	705.54	245343.44	605355.01
461	246+96.35	67.37' RT	705.54	245343.63	605349.03
462	247+74.98	62.49' RT	706.52	245422.37	605346.66
463	247+76.86	64.45' RT	706.62	245424.19	605348.68
464	247+79.03	67.38' RT	706.51	245426.26	605351.67
465	247+81.79	73.34' RT	706.58	245428.84	605357.71
466	247+82.52	76.27' RT	706.90	245429.47	605360.67
467	247+82.88	79.01' RT	706.86	245429.74	605363.42
468	247+79.13	73.38' RT	706.61	245426.17	605357.67
469	247+72.44	67.50' RT	706.91	245419.68	605351.58
470	247+72.55	73.50' RT	707.00	245419.59	605357.58
471	247+67.58	67.47' RT	706.84	245414.81	605351.40
472	247+67.54	73.58' RT	706.93	245414.58	605357.51
473	247+67.63	78.58' RT	707.28	245414.52	605362.51
474	247+72.63	78.47' RT	707.33	245419.52	605362.55
475	247+82.10	74.40' RT	706.70	245429.11	605358.78
476	247+80.48	70.01' RT	706.54	245427.63	605354.35
477	247+78.08	66.00' RT	706.56	245425.36	605350.26

NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

THE ENGINEER MAY ADJUST CURB RAMP ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE REQUIREMENTS OF THE STANDARD DETAILS.

DASHED SIDEWALK JOINT LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATIONAL PURPOSES ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.

SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

LEGEND

- X — CURB RAMP TYPE
- PED — CONCRETE CURB PEDESTRIAN
- SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- SW5 — CONCRETE SIDEWALK 5-INCH
- ASPH — ASPHALTIC SURFACE SAFETY ISLANDS
- L — LANDING
- UNT — UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- PT — CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
- XXXX YYY.YY — POINT NUMBER & ELEVATION
- GRADE BREAKLINE
- B — PEDESTRIAN PUSH BUTTON
- DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
- CG19 — CONCRETE CURB & GUTTER 19-INCH
- CG30G — CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
- CG30R — CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
- CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- CG31 — CONCRETE CURB & GUTTER 31-INCH
- CA — CONCRETE CURB TYPE A

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - GROVELAND DR SE	SHEET 141	E

LEGEND

- (X) CURB RAMP TYPE
- (PED) CONCRETE CURB PEDESTRIAN
- (SOD) RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- (SW5) CONCRETE SIDEWALK 5-INCH
- (ASPH) ASPHALTIC SURFACE SAFETY ISLANDS
- (LL) LEVEL LANDING
- (UNT) UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- (PT) CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
- (XXXX YYY.YY) POINT NUMBER & ELEVATION
- GRADE BREAKLINE
- PEDESTRIAN PUSH BUTTON
- DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
- (CG19) CONCRETE CURB & GUTTER 19-INCH
- (CG30G) CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
- (CG30R) CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
- (CG36) CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- (CG31) CONCRETE CURB & GUTTER 31-INCH
- (CA) CONCRETE CURB TYPE A

NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

THE ENGINEER MAY ADJUST CURB RAMP ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE REQUIREMENTS OF THE STANDARD DETAILS.

DASHED SIDEWALK JOINT LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATIONAL PURPOSES ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.

SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

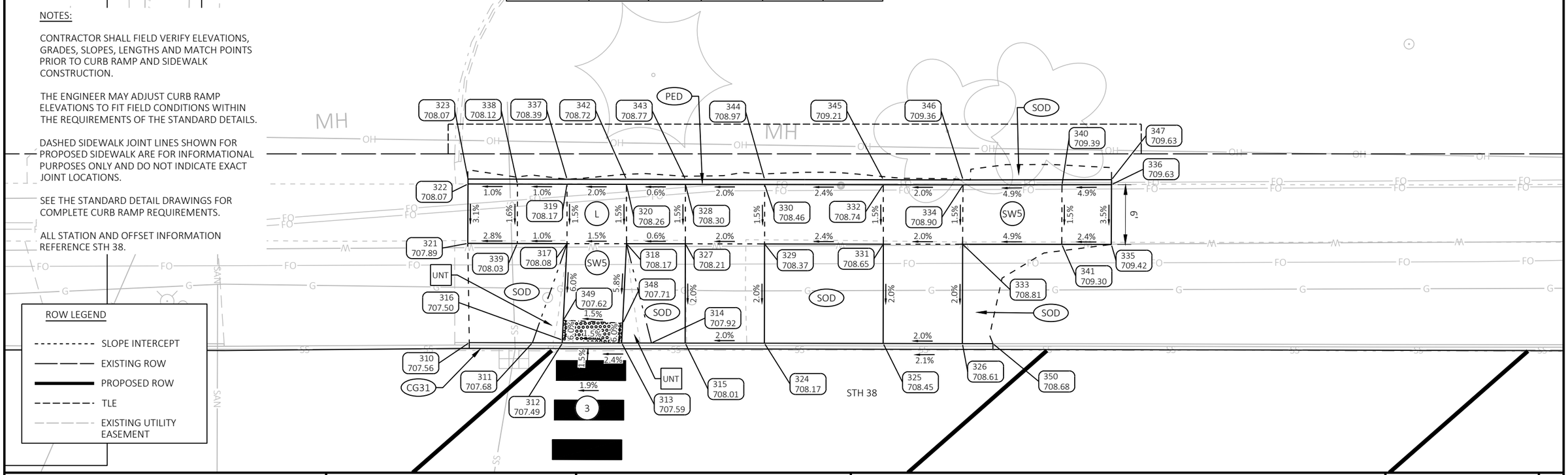
ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

ROW LEGEND

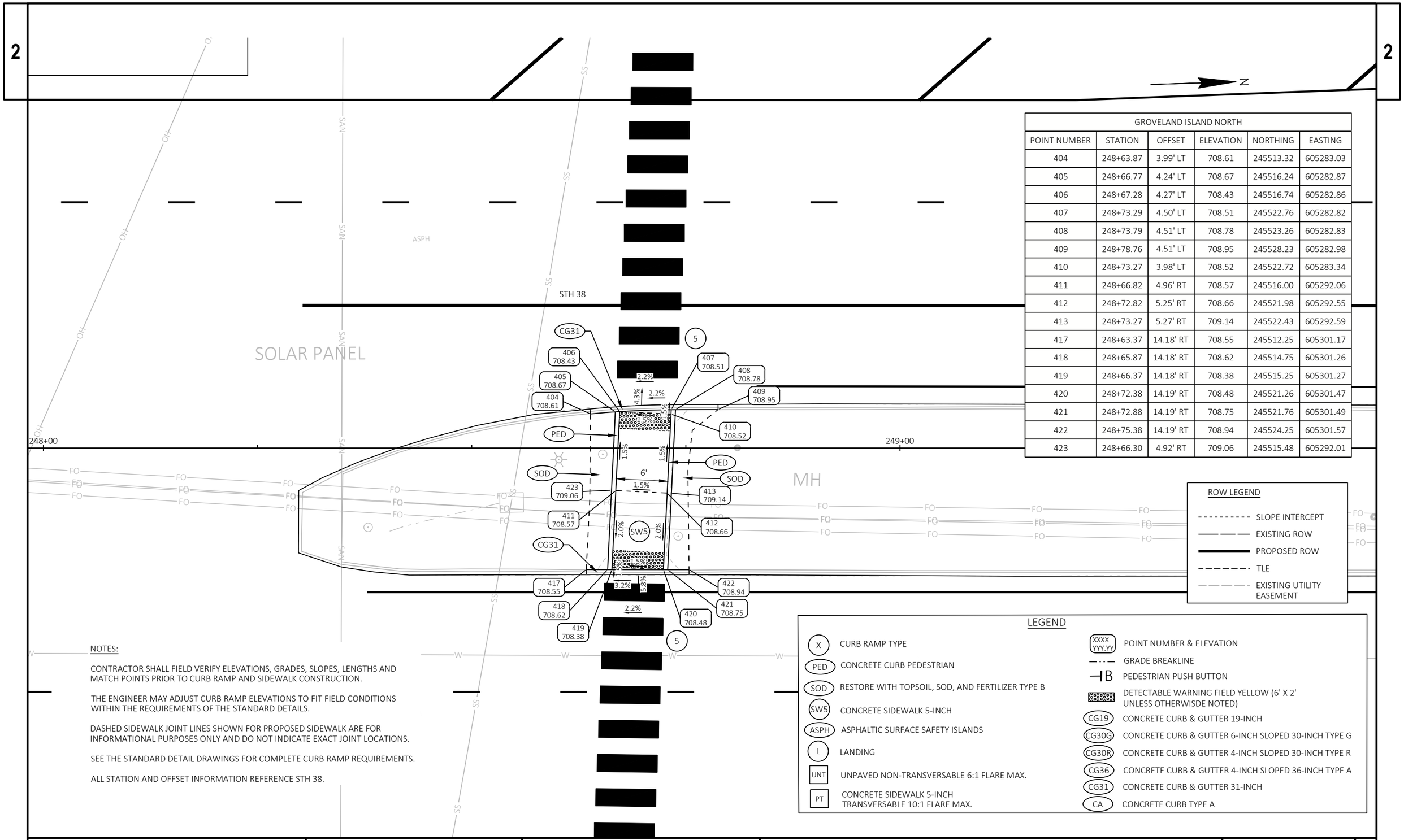
- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

GROVELAND NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
310	248+60.42	55.93' LT	707.56	245511.53	605231.01
311	248+66.80	55.92' LT	707.68	245517.91	605231.22
312	248+69.80	55.92' LT	707.49	245520.91	605231.32
313	248+75.81	55.91' LT	707.59	245526.91	605231.52
314	248+78.81	55.90' LT	707.92	245529.91	605231.62
315	248+82.22	55.89' LT	708.01	245533.32	605231.74
316	248+69.82	56.20' LT	707.50	245520.93	605231.04
317	248+70.29	65.93' LT	708.08	245521.72	605221.33
318	248+76.30	65.92' LT	708.17	245527.72	605221.52
319	248+70.29	71.93' LT	708.17	245521.90	605215.33
320	248+76.29	71.92' LT	708.26	245527.90	605215.53
321	248+60.27	65.96' LT	707.89	245511.69	605220.98
322	248+60.29	71.96' LT	708.07	245511.90	605214.98
323	248+60.29	72.46' LT	708.07	245511.92	605214.48
324	248+90.22	55.88' LT	708.17	245541.32	605232.01
325	249+02.22	55.85' LT	708.45	245553.31	605232.41
326	249+10.22	55.84' LT	708.61	245561.30	605232.68
327	248+82.24	65.91' LT	708.21	245533.66	605221.72
328	248+82.25	71.91' LT	708.30	245533.86	605215.72
329	248+90.24	65.90' LT	708.37	245541.65	605221.99
330	248+90.25	71.90' LT	708.46	245541.85	605215.99

GROVELAND NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
331	249+02.24	65.88' LT	708.65	245553.65	605222.39
332	249+02.23	71.88' LT	708.74	245553.82	605216.39
333	249+10.24	65.87' LT	708.81	245561.64	605222.65
334	249+10.29	71.87' LT	708.90	245561.88	605216.66
335	249+25.27	65.85' LT	709.42	245576.66	605223.15
336	249+25.29	71.89' LT	709.63	245576.87	605217.12
337	248+70.29	72.43' LT	708.39	245521.92	605214.83
338	248+65.29	71.94' LT	708.12	245516.90	605215.16
339	248+65.27	65.94' LT	708.03	245516.69	605221.15
340	249+20.29	71.85' LT	709.39	245571.87	605217.00
341	249+20.27	65.86' LT	709.30	245571.66	605222.98
342	248+76.29	72.42' LT	708.72	245527.91	605215.03
343	248+82.25	72.41' LT	708.77	245533.87	605215.23
344	248+90.25	72.41' LT	708.97	245541.87	605215.48
345	249+02.23	72.39' LT	709.21	245553.84	605215.89
346	249+10.29	72.37' LT	709.36	245561.90	605216.15
347	249+25.29	72.39' LT	709.63	245576.89	605216.62
348	248+75.92	57.90' LT	707.71	245527.08	605229.53
349	248+69.92	58.20' LT	707.62	245521.10	605229.04
350	249+13.31	55.83' LT	708.68	245564.39	605232.78



PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - GROVELAND DR NW	SHEET 142	E



GROVELAND ISLAND NORTH					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
404	248+63.87	3.99' LT	708.61	245513.32	605283.03
405	248+66.77	4.24' LT	708.67	245516.24	605282.87
406	248+67.28	4.27' LT	708.43	245516.74	605282.86
407	248+73.29	4.50' LT	708.51	245522.76	605282.82
408	248+73.79	4.51' LT	708.78	245523.26	605282.83
409	248+78.76	4.51' LT	708.95	245528.23	605282.98
410	248+73.27	3.98' LT	708.52	245522.72	605283.34
411	248+66.82	4.96' RT	708.57	245516.00	605292.06
412	248+72.82	5.25' RT	708.66	245521.98	605292.55
413	248+73.27	5.27' RT	709.14	245522.43	605292.59
417	248+63.37	14.18' RT	708.55	245512.25	605301.17
418	248+65.87	14.18' RT	708.62	245514.75	605301.26
419	248+66.37	14.18' RT	708.38	245515.25	605301.27
420	248+72.38	14.19' RT	708.48	245521.26	605301.47
421	248+72.88	14.19' RT	708.75	245521.76	605301.49
422	248+75.38	14.19' RT	708.94	245524.25	605301.57
423	248+66.30	4.92' RT	709.06	245515.48	605292.01

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

LEGEND

- X — CURB RAMP TYPE
- PED — CONCRETE CURB PEDESTRIAN
- SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- SW5 — CONCRETE SIDEWALK 5-INCH
- ASPH — ASPHALTIC SURFACE SAFETY ISLANDS
- L — LANDING
- UNT — UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- PT — CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
- XXXX YYY.YY — POINT NUMBER & ELEVATION
- GRADE BREAKLINE
- B — PEDESTRIAN PUSH BUTTON
- DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
- CG19 — CONCRETE CURB & GUTTER 19-INCH
- CG30G — CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
- CG30R — CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
- CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- CG31 — CONCRETE CURB & GUTTER 31-INCH
- CA — CONCRETE CURB TYPE A

NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

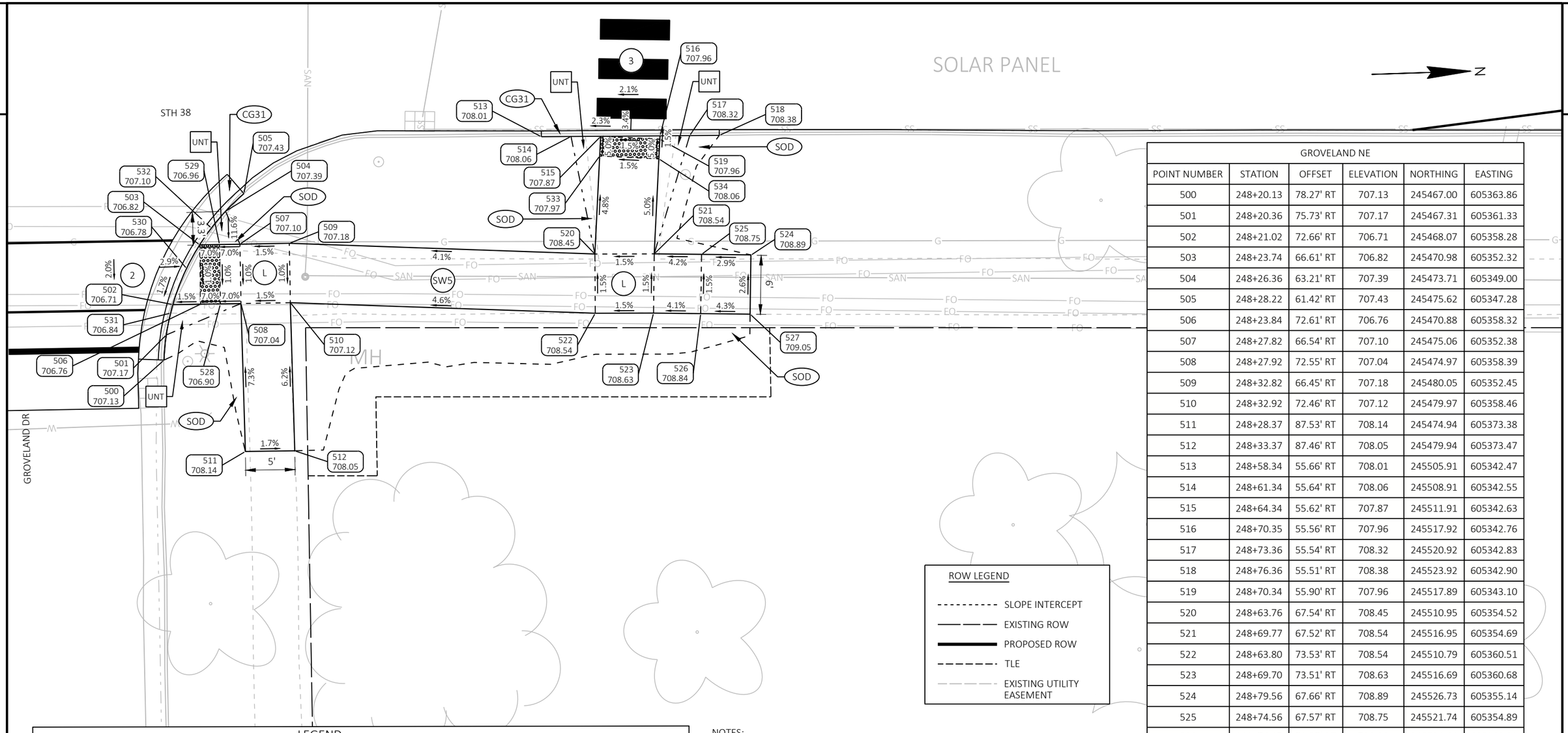
THE ENGINEER MAY ADJUST CURB RAMP ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE REQUIREMENTS OF THE STANDARD DETAILS.

DASHED SIDEWALK JOINT LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATIONAL PURPOSES ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.

SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - GROVELAND DR ISLAND NORTH	SHEET 143	E



GROVELAND NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
500	248+20.13	78.27' RT	707.13	245467.00	605363.86
501	248+20.36	75.73' RT	707.17	245467.31	605361.33
502	248+21.02	72.66' RT	706.71	245468.07	605358.28
503	248+23.74	66.61' RT	706.82	245470.98	605352.32
504	248+26.36	63.21' RT	707.39	245473.71	605349.00
505	248+28.22	61.42' RT	707.43	245475.62	605347.28
506	248+23.84	72.61' RT	706.76	245470.88	605358.32
507	248+27.82	66.54' RT	707.10	245475.06	605352.38
508	248+27.92	72.55' RT	707.04	245474.97	605358.39
509	248+32.82	66.45' RT	707.18	245480.05	605352.45
510	248+32.92	72.46' RT	707.12	245479.97	605358.46
511	248+28.37	87.53' RT	708.14	245474.94	605373.38
512	248+33.37	87.46' RT	708.05	245479.94	605373.47
513	248+58.34	55.66' RT	708.01	245505.91	605342.47
514	248+61.34	55.64' RT	708.06	245508.91	605342.55
515	248+64.34	55.62' RT	707.87	245511.91	605342.63
516	248+70.35	55.56' RT	707.96	245517.92	605342.76
517	248+73.36	55.54' RT	708.32	245520.92	605342.83
518	248+76.36	55.51' RT	708.38	245523.92	605342.90
519	248+70.34	55.90' RT	707.96	245517.89	605343.10
520	248+63.76	67.54' RT	708.45	245510.95	605354.52
521	248+69.77	67.52' RT	708.54	245516.95	605354.69
522	248+63.80	73.53' RT	708.54	245510.79	605360.51
523	248+69.70	73.51' RT	708.63	245516.69	605360.68
524	248+79.56	67.66' RT	708.89	245526.73	605355.14
525	248+74.56	67.57' RT	708.75	245521.74	605354.89
526	248+74.47	73.57' RT	708.84	245521.46	605360.89
527	248+79.47	73.63' RT	709.05	245526.46	605361.10
528	248+25.80	72.62' RT	706.90	245472.85	605358.40
529	248+25.75	66.55' RT	706.96	245472.99	605352.33
530	248+22.41	69.00' RT	706.78	245469.58	605354.67
531	248+20.79	73.52' RT	706.84	245467.81	605359.13
532	248+24.92	64.91' RT	707.10	245472.22	605350.66
533	248+64.25	57.61' RT	707.97	245511.75	605344.61
534	248+70.24	57.90' RT	708.06	245517.73	605345.09

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

LEGEND

- (X) CURB RAMP TYPE
- (PED) CONCRETE CURB PEDESTRIAN
- (SOD) RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- (SW5) CONCRETE SIDEWALK 5-INCH
- (ASPH) ASPHALTIC SURFACE SAFETY ISLANDS
- (L) LANDING
- (UNT) UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- (PT) CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
- (XXXX YYY.YY) POINT NUMBER & ELEVATION
- GRADE BREAKLINE
- B PEDESTRIAN PUSH BUTTON
- DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
- (CG19) CONCRETE CURB & GUTTER 19-INCH
- (CG30G) CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
- (CG30R) CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
- (CG36) CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- (CG31) CONCRETE CURB & GUTTER 31-INCH
- (CA) CONCRETE CURB TYPE A

NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

THE ENGINEER MAY ADJUST CURB RAMP ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE REQUIREMENTS OF THE STANDARD DETAILS.

DASHED SIDEWALK JOINT LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATIONAL PURPOSES ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.

SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

LEGEND

- X — CURB RAMP TYPE
- PED — CONCRETE CURB PEDESTRIAN
- SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- SW5 — CONCRETE SIDEWALK 5-INCH
- ASPH — ASPHALTIC SURFACE SAFETY ISLANDS
- L — LANDING
- UNT — UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- PT — CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
- XXXX YYY.YY — POINT NUMBER & ELEVATION
- GRADE BREAKLINE
- B — PEDESTRIAN PUSH BUTTON
- DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
- CG19 — CONCRETE CURB & GUTTER 19-INCH
- CG30G — CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
- CG30R — CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
- CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- CG31 — CONCRETE CURB & GUTTER 31-INCH
- CA — CONCRETE CURB TYPE A

NOTES:

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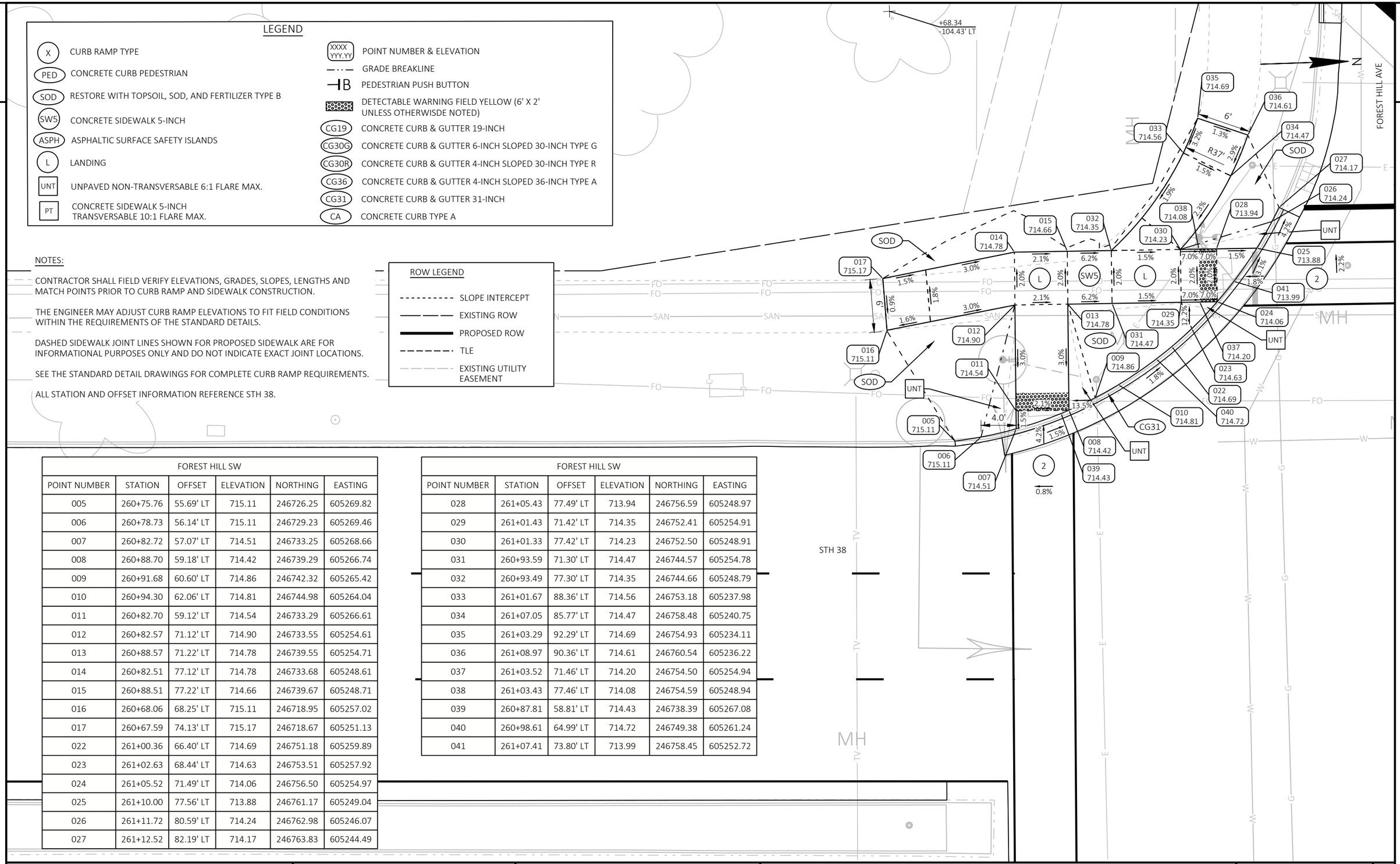
ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT



FOREST HILL SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
005	260+75.76	55.69' LT	715.11	246726.25	605269.82
006	260+78.73	56.14' LT	715.11	246729.23	605269.46
007	260+82.72	57.07' LT	714.51	246733.25	605268.66
008	260+88.70	59.18' LT	714.42	246739.29	605266.74
009	260+91.68	60.60' LT	714.86	246742.32	605265.42
010	260+94.30	62.06' LT	714.81	246744.98	605264.04
011	260+82.70	59.12' LT	714.54	246733.29	605266.61
012	260+82.57	71.12' LT	714.90	246733.55	605254.61
013	260+88.57	71.22' LT	714.78	246739.55	605254.71
014	260+82.51	77.12' LT	714.78	246733.68	605248.61
015	260+88.51	77.22' LT	714.66	246739.67	605248.71
016	260+68.06	68.25' LT	715.11	246718.95	605257.02
017	260+67.59	74.13' LT	715.17	246718.67	605251.13
022	261+00.36	66.40' LT	714.69	246751.18	605259.89
023	261+02.63	68.44' LT	714.63	246753.51	605257.92
024	261+05.52	71.49' LT	714.06	246756.50	605254.97
025	261+10.00	77.56' LT	713.88	246761.17	605249.04
026	261+11.72	80.59' LT	714.24	246762.98	605246.07
027	261+12.52	82.19' LT	714.17	246763.83	605244.49

FOREST HILL SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
028	261+05.43	77.49' LT	713.94	246756.59	605248.97
029	261+01.43	71.42' LT	714.35	246752.41	605254.91
030	261+01.33	77.42' LT	714.23	246752.50	605248.91
031	260+93.59	71.30' LT	714.47	246744.57	605254.78
032	260+93.49	77.30' LT	714.35	246744.66	605248.79
033	261+01.67	88.36' LT	714.56	246753.18	605237.98
034	261+07.05	85.77' LT	714.47	246758.48	605240.75
035	261+03.29	92.29' LT	714.69	246754.93	605234.11
036	261+08.97	90.36' LT	714.61	246760.54	605236.22
037	261+03.52	71.46' LT	714.20	246754.50	605254.94
038	261+03.43	77.46' LT	714.08	246754.59	605248.94
039	260+87.81	58.81' LT	714.43	246738.39	605267.08
040	260+98.61	64.99' LT	714.72	246749.38	605261.24
041	261+07.41	73.80' LT	713.99	246758.45	605252.72

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - FOREST HILL AVE SW	SHEET 145	E

FOREST HILL SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
092	260+56.79	55.75' RT	714.62	246703.75	605380.60
093	260+48.79	55.73' RT	714.65	246695.76	605380.33
094	260+36.78	55.71' RT	714.70	246683.76	605379.93
095	260+28.79	55.68' RT	714.70	246675.76	605379.64
096	260+77.65	55.64' RT	715.19	246724.60	605381.15
097	260+79.51	55.72' RT	715.17	246726.46	605381.29
098	260+83.50	56.11' RT	714.59	246730.44	605381.81
099	260+89.50	57.31' RT	714.52	246736.40	605383.20
100	260+92.50	58.20' RT	715.04	246739.37	605384.18
101	260+98.65	60.67' RT	714.99	246745.44	605386.84
102	261+03.92	63.58' RT	714.36	246750.61	605389.92
103	261+11.53	69.45' RT	714.33	246758.03	605396.03
104	261+14.44	72.40' RT	714.82	246760.85	605399.07
105	261+16.31	74.56' RT	714.70	246762.64	605401.29
106	260+83.50	57.31' RT	714.61	246730.40	605383.01
107	260+83.50	63.76' RT	715.05	246730.19	605389.45
108	260+89.50	63.82' RT	714.98	246736.19	605389.71
109	261+00.18	69.64' RT	714.50	246746.68	605395.86

FOREST HILL SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
110	261+00.08	63.64' RT	714.42	246746.77	605389.86
111	260+89.50	69.83' RT	715.07	246736.00	605395.71
112	260+83.42	69.75' RT	715.14	246729.93	605395.44
113	260+88.64	57.09' RT	714.53	246735.54	605382.95
114	260+99.05	60.86' RT	714.88	246745.83	605387.05
115	261+08.42	66.78' RT	714.34	246755.01	605393.26
116	260+78.58	69.76' RT	715.12	246725.08	605395.29
117	260+78.58	63.81' RT	715.09	246725.27	605389.35
118	260+21.78	63.81' RT	714.80	246668.50	605387.54
119	260+28.79	63.82' RT	714.82	246675.51	605387.77
120	260+36.79	63.83' RT	714.82	246683.51	605388.04
121	260+48.79	63.84' RT	714.77	246695.50	605388.43
122	260+56.79	63.86' RT	714.76	246703.50	605388.70
123	260+61.87	63.86' RT	715.11	246708.58	605388.87
124	260+21.80	69.83' RT	714.93	246668.33	605393.57
125	260+26.79	69.84' RT	714.90	246673.32	605393.73
126	260+56.79	69.86' RT	714.82	246703.30	605394.70
127	260+61.79	69.92' RT	715.17	246708.30	605394.92

NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

THE ENGINEER MAY ADJUST CURB RAMP ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE REQUIREMENTS OF THE STANDARD DETAILS.

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SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

LEGEND

- X — CURB RAMP TYPE
- PED — CONCRETE CURB PEDESTRIAN
- SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- SW5 — CONCRETE SIDEWALK 5-INCH
- ASPH — ASPHALTIC SURFACE SAFETY ISLANDS
- L — LANDING
- UNT — UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- PT — CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
- XXXX YYY.YY — POINT NUMBER & ELEVATION
- GRADE BREAKLINE
- PEDESTRIAN PUSH BUTTON
- DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
- CG19 — CONCRETE CURB & GUTTER 19-INCH
- CG30G — CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
- CG30R — CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
- CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- CG31 — CONCRETE CURB & GUTTER 31-INCH
- CA — CONCRETE CURB TYPE A

RADIAL DWF TABLE			
BOC RADIUS	LANDING LENGTH	DWF AREA (SF)	RADIAL LONG CHORD
51.4'	11.3'	19.92	9.6'

POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING
128	260+26.79	63.81' RT	714.82	246673.51

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - FOREST HILL AVE S ISLAND & SE	SHEET 146	E

NOTES:

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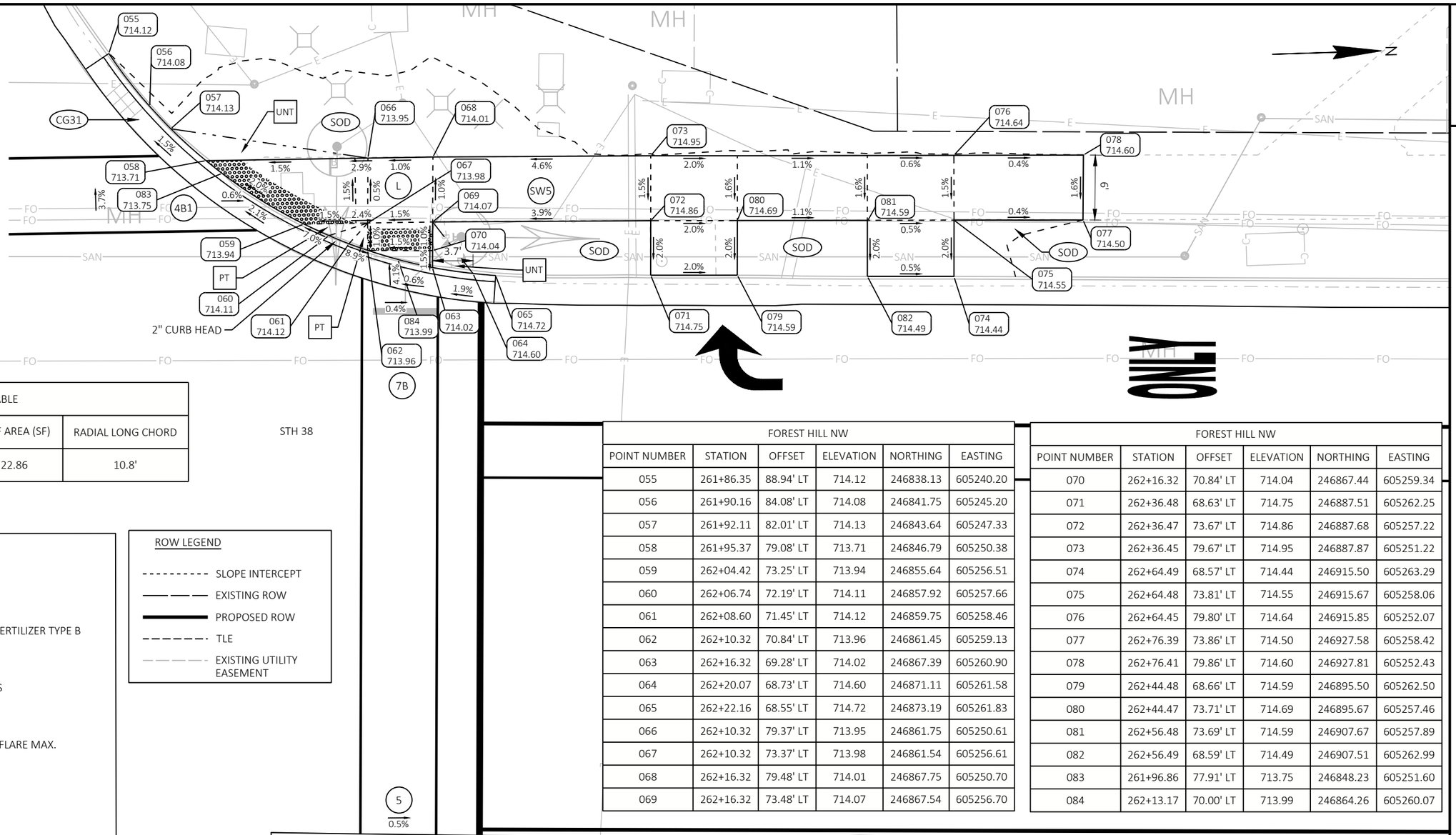
ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.



RADIAL DWF TABLE			
BOC RADIUS	LANDING LENGTH	DWF AREA (SF)	RADIAL LONG CHORD
46.8'	15.0'	22.86	10.8'

FOREST HILL NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
055	261+86.35	88.94' LT	714.12	246838.13	605240.20
056	261+90.16	84.08' LT	714.08	246841.75	605245.20
057	261+92.11	82.01' LT	714.13	246843.64	605247.33
058	261+95.37	79.08' LT	713.71	246846.79	605250.38
059	262+04.42	73.25' LT	713.94	246855.64	605256.51
060	262+06.74	72.19' LT	714.11	246857.92	605257.66
061	262+08.60	71.45' LT	714.12	246859.75	605258.46
062	262+10.32	70.84' LT	713.96	246861.45	605259.13
063	262+16.32	69.28' LT	714.02	246867.39	605260.90
064	262+20.07	68.73' LT	714.60	246871.11	605261.58
065	262+22.16	68.55' LT	714.72	246873.19	605261.83
066	262+10.32	79.37' LT	713.95	246861.75	605250.61
067	262+10.32	73.37' LT	713.98	246861.54	605256.61
068	262+16.32	79.48' LT	714.01	246867.75	605250.70
069	262+16.32	73.48' LT	714.07	246867.54	605256.70

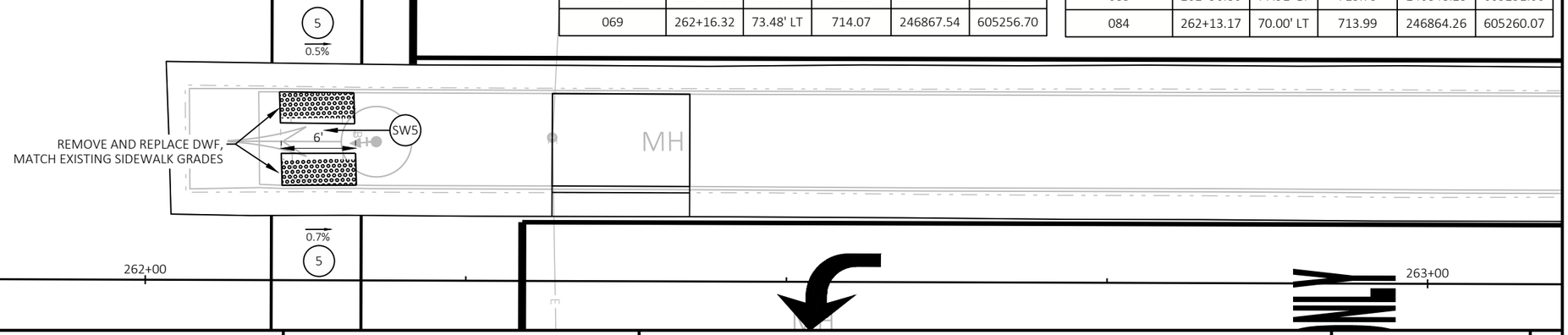
FOREST HILL NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
070	262+16.32	70.84' LT	714.04	246867.44	605259.34
071	262+36.48	68.63' LT	714.75	246887.51	605262.25
072	262+36.47	73.67' LT	714.86	246887.68	605257.22
073	262+36.45	79.67' LT	714.95	246887.87	605251.22
074	262+64.49	68.57' LT	714.44	246915.50	605263.29
075	262+64.48	73.81' LT	714.55	246915.67	605258.06
076	262+64.45	79.80' LT	714.64	246915.85	605252.07
077	262+76.39	73.86' LT	714.50	246927.58	605258.42
078	262+76.41	79.86' LT	714.60	246927.81	605252.43
079	262+44.48	68.66' LT	714.59	246895.50	605262.50
080	262+44.47	73.71' LT	714.69	246895.67	605257.46
081	262+56.48	73.69' LT	714.59	246907.67	605257.89
082	262+56.49	68.59' LT	714.49	246907.51	605262.99
083	261+96.86	77.91' LT	713.75	246848.23	605251.60
084	262+13.17	70.00' LT	713.99	246864.26	605260.07

LEGEND

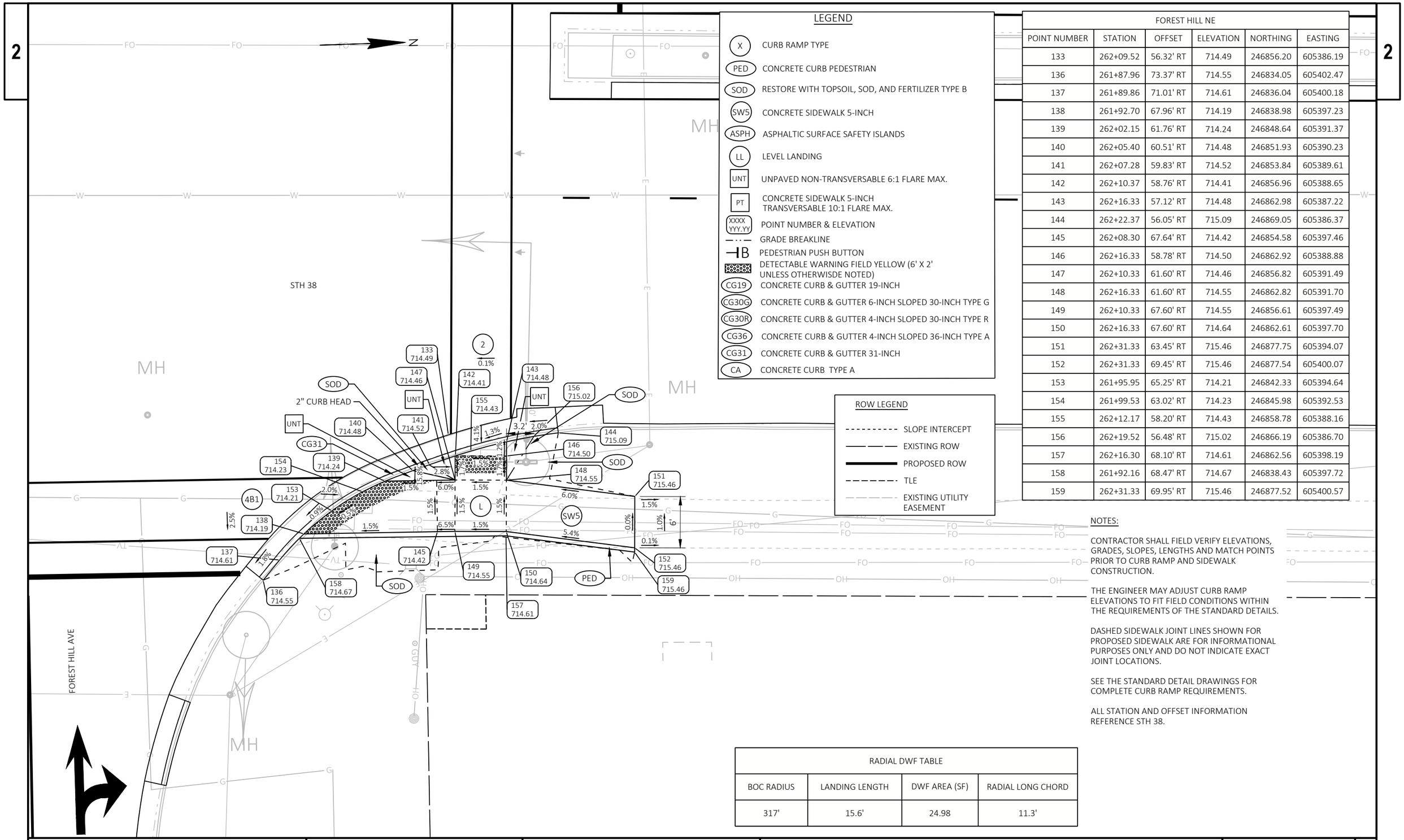
- X — CURB RAMP TYPE
- PED — CONCRETE CURB PEDESTRIAN
- SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- SW5 — CONCRETE SIDEWALK 5-INCH
- ASPH — ASPHALTIC SURFACE SAFETY ISLANDS
- LL — LEVEL LANDING
- UNT — UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- PT — CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
- XXXX YYY.YY — POINT NUMBER & ELEVATION
- GRADE BREAKLINE
- B — PEDESTRIAN PUSH BUTTON
- DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
- CG19 — CONCRETE CURB & GUTTER 19-INCH
- CG30G — CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
- CG30R — CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
- CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- CG31 — CONCRETE CURB & GUTTER 31-INCH
- CA — CONCRETE CURB TYPE A

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT



PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - FOREST HILL AVE N ISLAND & NW	SHEET 147	E



LEGEND

X	CURB RAMP TYPE
PED	CONCRETE CURB PEDESTRIAN
SOD	RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
SW5	CONCRETE SIDEWALK 5-INCH
ASPH	ASPHALTIC SURFACE SAFETY ISLANDS
LL	LEVEL LANDING
UNT	UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
PT	CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
XXXX YYY.YY	POINT NUMBER & ELEVATION
	GRADE BREAKLINE
B	PEDESTRIAN PUSH BUTTON
	DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
CG19	CONCRETE CURB & GUTTER 19-INCH
CG30G	CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
CG30R	CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
CG36	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
CG31	CONCRETE CURB & GUTTER 31-INCH
CA	CONCRETE CURB TYPE A

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

FOREST HILL NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
133	262+09.52	56.32' RT	714.49	246856.20	605386.19
136	261+87.96	73.37' RT	714.55	246834.05	605402.47
137	261+89.86	71.01' RT	714.61	246836.04	605400.18
138	261+92.70	67.96' RT	714.19	246838.98	605397.23
139	262+02.15	61.76' RT	714.24	246848.64	605391.37
140	262+05.40	60.51' RT	714.48	246851.93	605390.23
141	262+07.28	59.83' RT	714.52	246853.84	605389.61
142	262+10.37	58.76' RT	714.41	246856.96	605388.65
143	262+16.33	57.12' RT	714.48	246862.98	605387.22
144	262+22.37	56.05' RT	715.09	246869.05	605386.37
145	262+08.30	67.64' RT	714.42	246854.58	605397.46
146	262+16.33	58.78' RT	714.50	246862.92	605388.88
147	262+10.33	61.60' RT	714.46	246856.82	605391.49
148	262+16.33	61.60' RT	714.55	246862.82	605391.70
149	262+10.33	67.60' RT	714.55	246856.61	605397.49
150	262+16.33	67.60' RT	714.64	246862.61	605397.70
151	262+31.33	63.45' RT	715.46	246877.75	605394.07
152	262+31.33	69.45' RT	715.46	246877.54	605400.07
153	261+95.95	65.25' RT	714.21	246842.33	605394.64
154	261+99.53	63.02' RT	714.23	246845.98	605392.53
155	262+12.17	58.20' RT	714.43	246858.78	605388.16
156	262+19.52	56.48' RT	715.02	246866.19	605386.70
157	262+16.30	68.10' RT	714.61	246862.56	605398.19
158	261+92.16	68.47' RT	714.67	246838.43	605397.72
159	262+31.33	69.95' RT	715.46	246877.52	605400.57

NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

THE ENGINEER MAY ADJUST CURB RAMP ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE REQUIREMENTS OF THE STANDARD DETAILS.

DASHED SIDEWALK JOINT LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATIONAL PURPOSES ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.

SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

RADIAL DWF TABLE			
BOC RADIUS	LANDING LENGTH	DWF AREA (SF)	RADIAL LONG CHORD
317'	15.6'	24.98	11.3'

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - FOREST HILL AVE NE	SHEET 148	E

2

OAKFIELD SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
174	267+67.02	63.04' LT	715.47	247417.53	605286.39
175	267+68.93	65.33' LT	715.70	247419.51	605284.16
176	267+70.97	68.27' LT	715.45	247421.67	605281.30
177	267+73.09	73.27' LT	715.56	247423.95	605276.37
178	267+54.98	73.74' LT	716.05	247405.88	605275.27
180	267+70.97	73.27' LT	715.59	247421.84	605276.30
181	267+64.97	68.27' LT	715.87	247415.67	605281.09
182	267+64.97	73.27' LT	716.01	247415.84	605276.10
183	267+59.97	68.26' LT	715.94	247410.67	605280.92
184	267+59.97	73.26' LT	716.08	247410.84	605275.92
185	267+73.49	74.80' LT	716.22	247424.40	605274.86
186	267+72.08	70.50' LT	715.50	247422.85	605279.11
187	267+55.01	68.78' LT	715.91	247405.73	605280.23

NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

THE ENGINEER MAY ADJUST CURB RAMP ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE REQUIREMENTS OF THE STANDARD DETAILS.

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SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

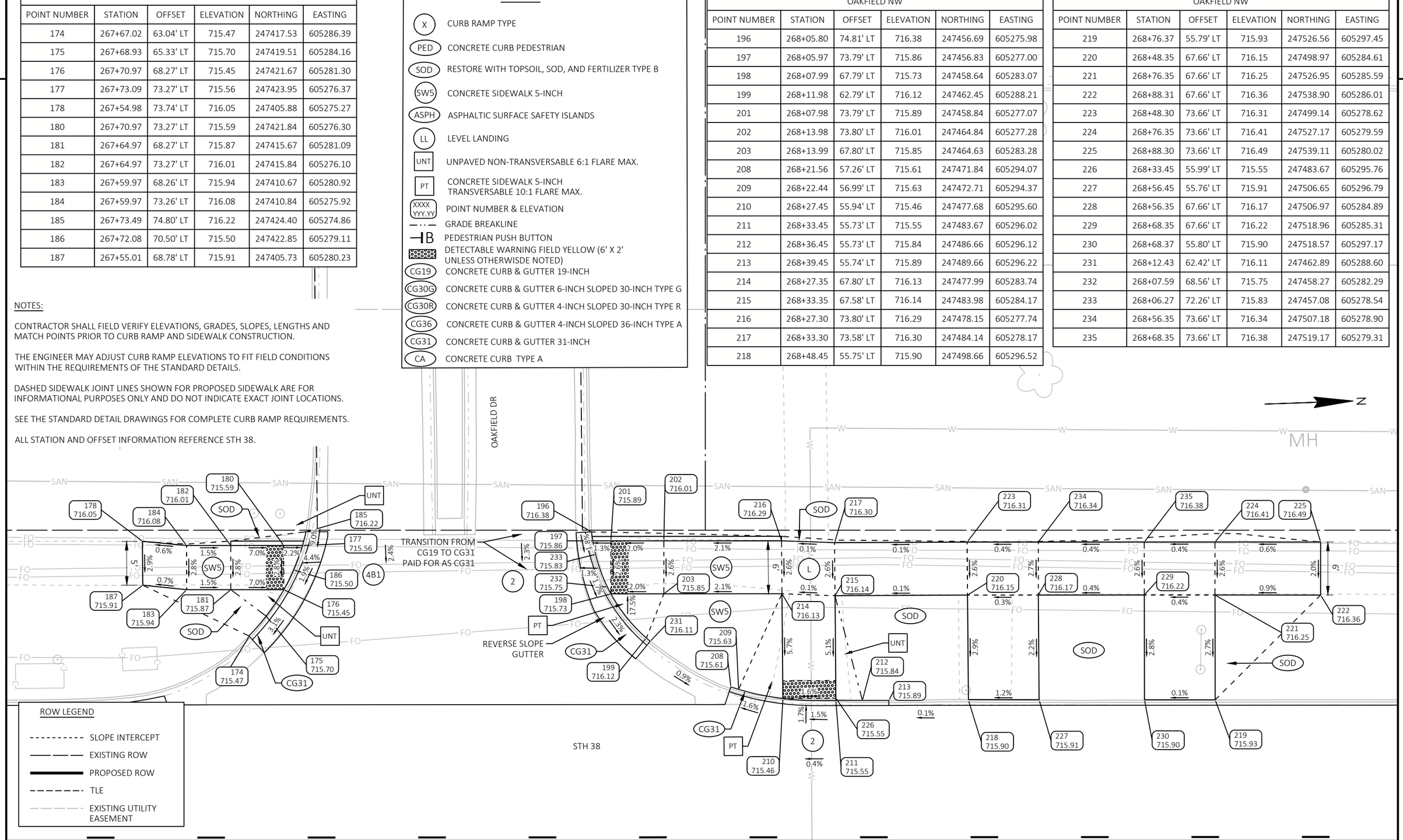
ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

LEGEND

- (X) CURB RAMP TYPE
- (PED) CONCRETE CURB PEDESTRIAN
- (SOD) RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- (SW5) CONCRETE SIDEWALK 5-INCH
- (ASPH) ASPHALTIC SURFACE SAFETY ISLANDS
- (LL) LEVEL LANDING
- (UNT) UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- (PT) CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
- (XXXX YYY.YY) POINT NUMBER & ELEVATION
- GRADE BREAKLINE
- PEDESTRIAN PUSH BUTTON
- DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
- (CG19) CONCRETE CURB & GUTTER 19-INCH
- (CG30G) CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
- (CG30R) CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
- (CG36) CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- (CG31) CONCRETE CURB & GUTTER 31-INCH
- (CA) CONCRETE CURB TYPE A

OAKFIELD NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
196	268+05.80	74.81' LT	716.38	247456.69	605275.98
197	268+05.97	73.79' LT	715.86	247456.83	605277.00
198	268+07.99	67.79' LT	715.73	247458.64	605283.07
199	268+11.98	62.79' LT	716.12	247462.45	605288.21
201	268+07.98	73.79' LT	715.89	247458.84	605277.07
202	268+13.98	73.80' LT	716.01	247464.84	605277.28
203	268+13.99	67.80' LT	715.85	247464.63	605283.28
208	268+21.56	57.26' LT	715.61	247471.84	605294.07
209	268+22.44	56.99' LT	715.63	247472.71	605294.37
210	268+27.45	55.94' LT	715.46	247477.68	605295.60
211	268+33.45	55.73' LT	715.55	247483.67	605296.02
212	268+36.45	55.73' LT	715.84	247486.66	605296.12
213	268+39.45	55.74' LT	715.89	247489.66	605296.22
214	268+27.35	67.80' LT	716.13	247477.99	605283.74
215	268+33.35	67.58' LT	716.14	247483.98	605284.17
216	268+27.30	73.80' LT	716.29	247478.15	605277.74
217	268+33.30	73.58' LT	716.30	247484.14	605278.17
218	268+48.45	55.75' LT	715.90	247498.66	605296.52

OAKFIELD NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
219	268+76.37	55.79' LT	715.93	247526.56	605297.45
220	268+48.35	67.66' LT	716.15	247498.97	605284.61
221	268+76.35	67.66' LT	716.25	247526.95	605285.59
222	268+88.31	67.66' LT	716.36	247538.90	605286.01
223	268+48.30	73.66' LT	716.31	247499.14	605278.62
224	268+76.35	73.66' LT	716.41	247527.17	605279.59
225	268+88.30	73.66' LT	716.49	247539.11	605280.02
226	268+33.45	55.99' LT	715.55	247483.67	605295.76
227	268+56.45	55.76' LT	715.91	247506.65	605296.79
228	268+56.35	67.66' LT	716.17	247506.97	605284.89
229	268+68.35	67.66' LT	716.22	247518.96	605285.31
230	268+68.37	55.80' LT	715.90	247518.57	605297.17
231	268+12.43	62.42' LT	716.11	247462.89	605288.60
232	268+07.59	68.56' LT	715.75	247458.27	605282.29
233	268+06.27	72.26' LT	715.83	247457.08	605278.54
234	268+56.35	73.66' LT	716.34	247507.18	605278.90
235	268+68.35	73.66' LT	716.38	247519.17	605279.31



PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - OAKFIELD DR SW & NW	SHEET 149	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021306-CR_FORESTHILLAVE.DWG
LAYOUT NAME - 05
PLOT DATE : 7/15/2026 2:45 PM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1 IN:10 FT

OAKFIELD SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
240	267+18.47	55.69' RT	714.83	247364.86	605403.35
241	267+18.48	67.85' RT	715.07	247364.44	605415.50
242	267+30.48	67.89' RT	715.16	247376.43	605415.96
243	267+30.47	55.71' RT	714.92	247376.85	605403.79
244	267+73.84	79.70' RT	715.54	247419.36	605429.28
245	267+73.68	76.38' RT	715.54	247419.32	605425.96
246	267+73.16	73.39' RT	715.07	247418.89	605422.95
247	267+70.80	67.45' RT	715.01	247416.74	605416.92
248	267+68.81	64.49' RT	715.50	247414.86	605413.90
249	267+67.00	62.46' RT	715.49	247413.12	605411.81
250	267+70.93	73.44' RT	715.10	247416.67	605422.92
251	267+64.93	73.58' RT	715.40	247410.67	605422.85
252	267+64.80	67.58' RT	715.31	247410.74	605416.85
253	267+59.93	73.64' RT	715.38	247405.67	605422.73
254	267+38.52	55.72' RT	714.98	247384.89	605404.08
255	267+10.47	55.68' RT	714.77	247356.87	605403.06
256	267+38.48	67.89' RT	715.22	247384.43	605416.24
257	267+10.48	67.86' RT	715.01	247356.45	605415.23
258	267+59.94	74.14' RT	715.60	247405.66	605423.23
259	267+38.51	73.89' RT	715.31	247384.25	605422.23

OAKFIELD SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
260	267+10.47	73.86' RT	715.10	247356.23	605421.23
261	267+10.47	74.29' RT	715.84	247356.22	605421.65
262	267+38.51	74.24' RT	715.75	247384.24	605422.59
263	266+95.47	67.83' RT	715.54	247341.45	605414.68
264	266+95.48	73.83' RT	715.71	247341.25	605420.68
265	266+95.50	74.33' RT	715.77	247341.25	605421.18
266	267+00.47	67.84' RT	715.55	247346.45	605414.86
267	267+00.48	73.85' RT	715.51	247346.25	605420.86
268	267+73.31	74.08' RT	715.18	247419.03	605423.64
269	267+71.97	69.82' RT	715.04	247417.83	605419.34
270	267+69.84	65.90' RT	715.26	247415.84	605415.35
271	267+18.50	73.87' RT	715.16	247364.26	605421.52
272	267+30.47	73.88' RT	715.25	247376.22	605421.95

NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

THE ENGINEER MAY ADJUST CURB RAMP ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE REQUIREMENTS OF THE STANDARD DETAILS.

DASHED SIDEWALK JOINT LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATIONAL PURPOSES ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.

SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

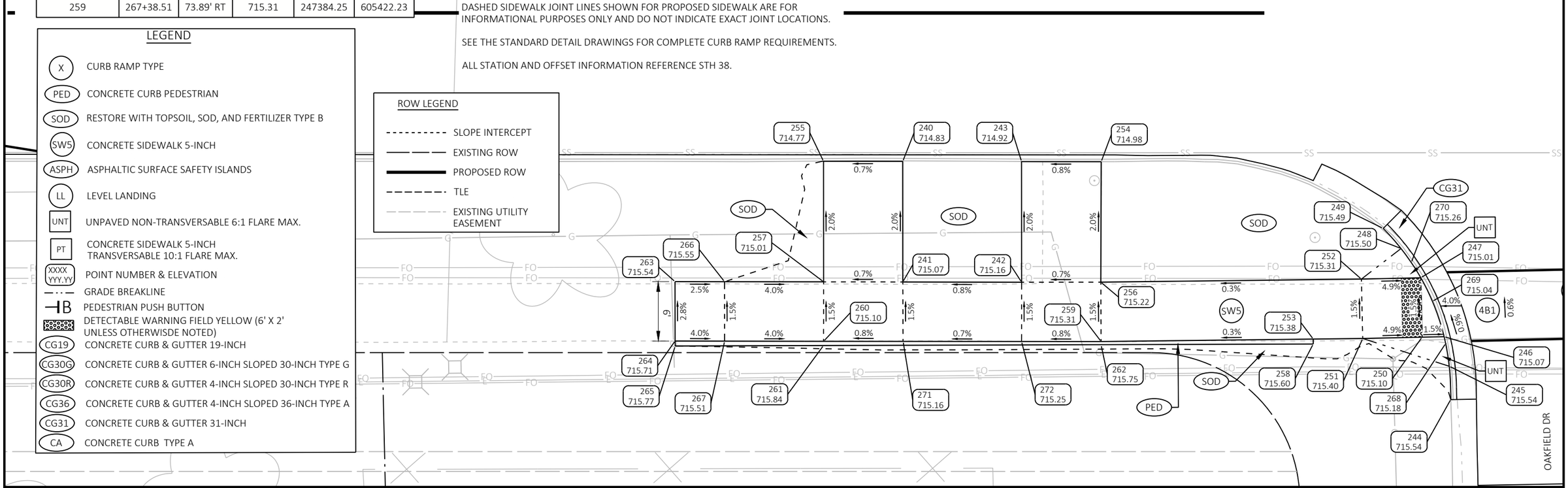
ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

LEGEND

- X — CURB RAMP TYPE
- PED — CONCRETE CURB PEDESTRIAN
- SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- SW5 — CONCRETE SIDEWALK 5-INCH
- ASPH — ASPHALTIC SURFACE SAFETY ISLANDS
- LL — LEVEL LANDING
- UNT — UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- PT — CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
- XXXX YYY.YY — POINT NUMBER & ELEVATION
- GRADE BREAKLINE
- PB — PEDESTRIAN PUSH BUTTON
- DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
- CG19 — CONCRETE CURB & GUTTER 19-INCH
- CG30G — CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
- CG30R — CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
- CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- CG31 — CONCRETE CURB & GUTTER 31-INCH
- CA — CONCRETE CURB TYPE A

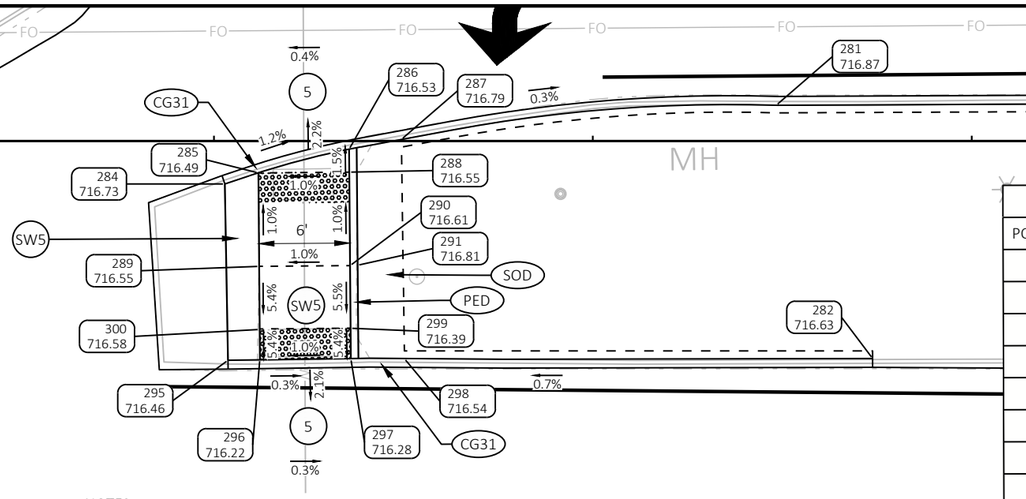
ROW LEGEND

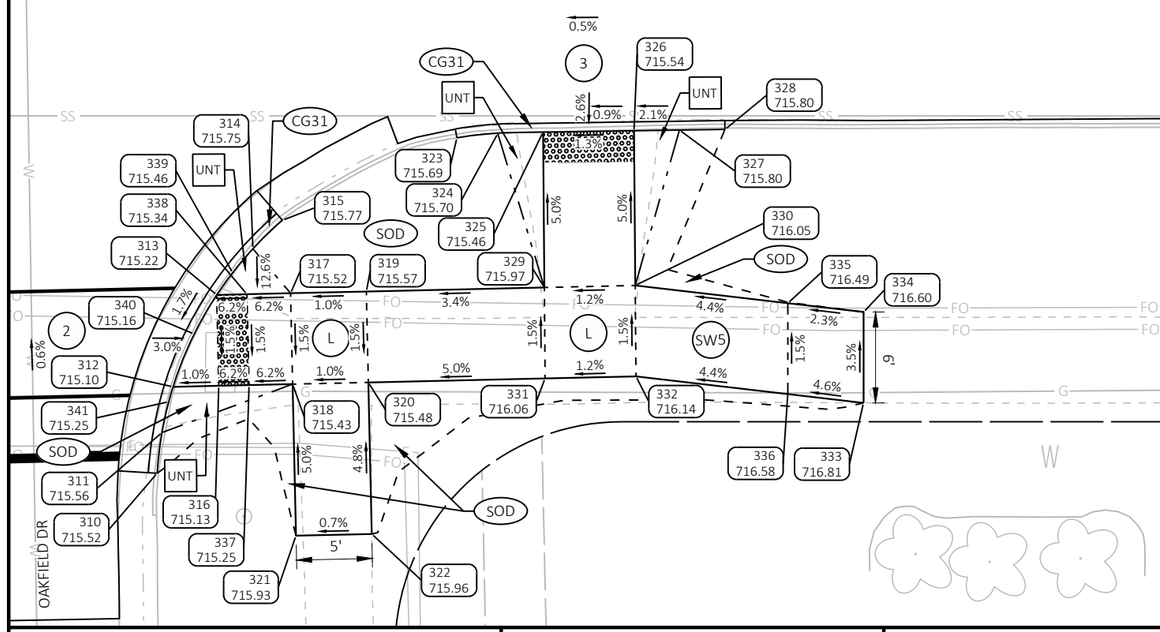
- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT



PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - OAKFIELD DR SE	SHEET 150	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021306-CR_FORESTHILLAVE.DWG
LAYOUT NAME - 06
PLOT DATE : 7/15/2026 2:46 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42





ROW LEGEND	
	SLOPE INTERCEPT
	EXISTING ROW
	PROPOSED ROW
	TLE
	EXISTING UTILITY EASEMENT

NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

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SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

OAKFIELD ISLAND NORTH					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
281	268+62.10	2.36' LT	716.87	247510.43	605350.36
282	268+68.46	14.35' RT	716.63	247516.20	605367.27
283	269+29.89	2.63' LT	717.07	247578.19	605352.45
284	268+25.72	2.84' RT	716.73	247473.89	605354.27
285	268+27.93	2.10' RT	716.49	247476.12	605353.62
286	268+33.91	0.55' RT	716.53	247482.16	605352.27
287	268+37.36	0.10' LT	716.79	247485.63	605351.75
288	268+33.93	2.05' RT	716.55	247482.12	605353.78
289	268+27.98	8.27' RT	716.55	247475.96	605359.78
290	268+33.98	8.22' RT	716.61	247481.96	605359.95
291	268+34.46	8.20' RT	716.81	247482.44	605359.94
295	268+25.92	14.47' RT	716.46	247473.69	605365.91
296	268+28.03	14.40' RT	716.22	247475.79	605365.91
297	268+34.03	14.35' RT	716.28	247481.79	605366.07
298	268+37.56	14.35' RT	716.54	247485.32	605366.20
299	268+34.00	12.35' RT	716.39	247481.83	605364.07
300	268+28.00	12.44' RT	716.58	247475.83	605363.95

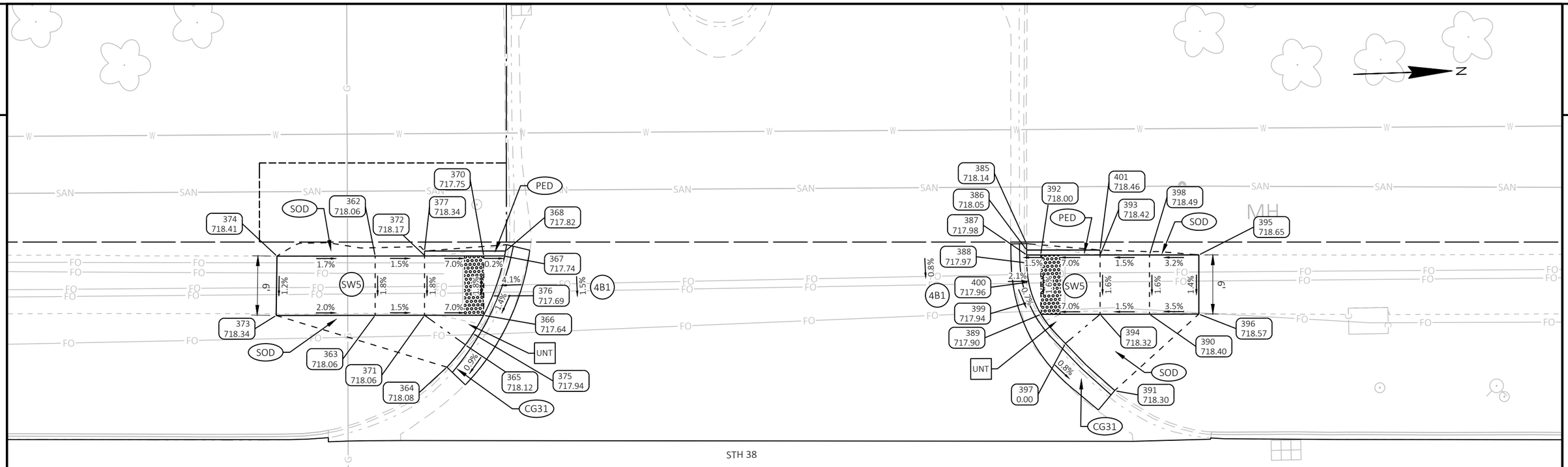
LEGEND	
X	CURB RAMP TYPE
PED	CONCRETE CURB PEDESTRIAN
SOD	RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
SW5	CONCRETE SIDEWALK 5-INCH
ASPH	ASPHALTIC SURFACE SAFETY ISLANDS
LL	LEVEL LANDING
UNT	UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
PT	CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
XXXX YYY.YY	POINT NUMBER & ELEVATION
	GRADE BREAKLINE
B	PEDESTRIAN PUSH BUTTON
	DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
CG19	CONCRETE CURB & GUTTER 19-INCH
CG30G	CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
CG30R	CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
CG36	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
CG31	CONCRETE CURB & GUTTER 31-INCH
CA	CONCRETE CURB TYPE A

OAKFIELD NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
310	268+02.90	78.40' RT	715.52	247448.45	605429.00
311	268+03.22	75.72' RT	715.56	247448.85	605426.32
312	268+03.95	72.70' RT	715.10	247449.69	605423.33
313	268+06.83	66.63' RT	715.22	247452.79	605417.37
314	268+09.22	63.59' RT	715.75	247455.28	605414.42
315	268+11.17	61.71' RT	715.77	247457.29	605412.60
316	268+06.97	72.63' RT	715.13	247452.71	605423.37
317	268+11.71	66.52' RT	715.52	247457.66	605417.43
318	268+11.84	72.52' RT	715.43	247457.59	605423.43
319	268+16.71	66.41' RT	715.57	247462.66	605417.50
320	268+16.84	72.41' RT	715.48	247462.59	605423.50
321	268+12.07	82.52' RT	715.93	247457.46	605433.43
322	268+17.07	82.41' RT	715.96	247462.46	605433.49
323	268+22.68	56.27' RT	715.69	247468.99	605407.57
324	268+25.38	55.99' RT	715.70	247471.69	605407.38
325	268+28.37	55.89' RT	715.46	247474.69	605407.39

OAKFIELD NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
326	268+34.37	55.84' RT	715.54	247480.68	605407.55
327	268+37.37	55.76' RT	715.80	247483.68	605407.57
328	268+40.37	55.71' RT	715.80	247486.69	605407.63
329	268+28.45	66.15' RT	715.97	247474.41	605417.64
330	268+34.45	66.01' RT	716.05	247480.41	605417.72
331	268+28.50	72.15' RT	716.06	247474.25	605423.64
332	268+34.50	72.01' RT	716.14	247480.25	605423.72
333	268+49.52	73.76' RT	716.81	247495.20	605425.99
334	268+49.52	67.76' RT	716.60	247495.41	605419.99
335	268+44.52	67.18' RT	716.49	247490.44	605419.24
336	268+44.52	73.10' RT	716.58	247490.22	605425.16
337	268+08.97	72.59' RT	715.25	247454.71	605423.40
338	268+08.83	66.59' RT	715.34	247454.79	605417.40
339	268+07.88	65.17' RT	715.46	247453.88	605415.95
340	268+05.34	69.22' RT	715.16	247451.21	605419.90
341	268+03.66	73.69' RT	715.25	247449.37	605424.31

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - OAKFIELD DR ISLAND NORTH & NE	SHEET 151	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021306-CR_FORESTHILLAVE.DWG
LAYOUT NAME - 07
PLOT DATE : 7/15/2026 2:46 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42



DRIVEWAY STA 273 SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
362	272+72.42	73.59' LT	718.06	247923.00	605293.51
363	272+72.43	67.59' LT	718.06	247922.79	605299.51
364	272+79.70	62.34' LT	718.08	247929.87	605305.00
365	272+81.59	64.60' LT	718.12	247931.84	605302.82
366	272+83.43	67.59' LT	717.64	247933.78	605299.89
367	272+85.45	73.59' LT	717.74	247936.01	605293.96
368	272+85.63	74.09' LT	717.82	247936.21	605293.47
370	272+83.42	73.59' LT	717.75	247933.99	605293.89
371	272+77.43	67.59' LT	718.06	247927.78	605299.68
372	272+77.42	73.59' LT	718.17	247927.99	605293.68
373	272+62.41	67.58' LT	718.34	247912.77	605299.17
374	272+62.48	73.58' LT	718.41	247913.06	605293.18
375	272+82.36	65.72' LT	717.94	247932.65	605301.72
376	272+84.30	69.56' LT	717.69	247934.73	605297.96
377	272+77.42	74.09' LT	718.34	247928.01	605293.18

NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

THE ENGINEER MAY ADJUST CURB RAMP ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE REQUIREMENTS OF THE STANDARD DETAILS.

DASHED SIDEWALK JOINT LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATIONAL PURPOSES ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.

SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

LEGEND

- (X) CURB RAMP TYPE
- (PED) CONCRETE CURB PEDESTRIAN
- (SOD) RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- (SW5) CONCRETE SIDEWALK 5-INCH
- (ASPH) ASPHALTIC SURFACE SAFETY ISLANDS
- (L) LANDING
- (UNT) UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- (PT) CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
- (XXXX YYY.YY) POINT NUMBER & ELEVATION
- GRADE BREAKLINE
- PEDESTRIAN PUSH BUTTON
- DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
- (CG19) CONCRETE CURB & GUTTER 19-INCH
- (CG30G) CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
- (CG30R) CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
- (CG36) CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- (CG31) CONCRETE CURB & GUTTER 31-INCH
- (CA) CONCRETE CURB TYPE A

DRIVEWAY STA 273 NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
385	273+38.39	74.81' LT	718.14	247988.97	605294.60
386	273+38.40	74.20' LT	718.05	247988.95	605295.21
387	273+38.41	73.70' LT	717.98	247988.94	605295.71
388	273+38.40	72.89' LT	717.97	247988.90	605296.52
389	273+39.84	67.70' LT	717.90	247990.16	605301.76
390	273+50.83	67.70' LT	718.40	248001.15	605302.14
391	273+47.36	59.95' LT	718.30	247997.40	605309.76
392	273+39.83	73.70' LT	718.00	247990.37	605295.76
393	273+45.83	73.70' LT	718.42	247996.36	605295.97
394	273+45.83	67.70' LT	718.32	247996.15	605301.97
395	273+55.83	73.70' LT	718.65	248006.36	605296.32
396	273+55.83	67.72' LT	718.57	248006.15	605302.30
397	273+42.32	64.74' LT	0.00	247992.54	605304.80
398	273+50.83	73.70' LT	718.49	248001.36	605296.15
399	273+39.15	69.07' LT	717.94	247989.52	605300.36
400	273+38.59	70.94' LT	717.96	247989.03	605298.47
401	273+45.83	74.20' LT	718.46	247996.38	605295.47

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - DRIVEWAY STA 273+00 SW & NW	SHEET 152	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021306-CR_FORESTHILLAVE.DWG
LAYOUT NAME - 08
PLOT DATE : 7/15/2026 2:46 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

LEGEND

X	CURB RAMP TYPE
PED	CONCRETE CURB PEDESTRIAN
SOD	RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
SW5	CONCRETE SIDEWALK 5-INCH
ASPH	ASPHALTIC SURFACE SAFETY ISLANDS
LL	LEVEL LANDING
UNT	UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
PT	CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
XXXX YYY.YY	POINT NUMBER & ELEVATION
	GRADE BREAKLINE
B	PEDESTRIAN PUSH BUTTON
	DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
CG19	CONCRETE CURB & GUTTER 19-INCH
CG30G	CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
CG30R	CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
CG36	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
CG31	CONCRETE CURB & GUTTER 31-INCH
CA	CONCRETE CURB TYPE A

TOWN SQUARE WAY SW

POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
411	275+48.36	74.04' LT	719.50	248198.78	605302.71
412	275+74.32	74.01' LT	719.50	248224.72	605303.65
413	275+39.00	55.64' LT	718.91	248188.78	605320.77
414	275+51.52	55.72' LT	719.24	248201.29	605321.13
415	275+55.30	55.74' LT	719.24	248205.07	605321.24
416	275+58.30	55.75' LT	718.75	248208.07	605321.33
417	275+64.30	55.99' LT	718.85	248214.08	605321.30
418	275+67.79	56.38' LT	719.36	248217.58	605321.04
419	275+69.56	56.63' LT	719.37	248219.36	605320.84
420	275+58.30	56.02' LT	718.76	248208.08	605321.07
421	275+58.34	67.64' LT	718.93	248208.53	605309.45
422	275+64.34	67.68' LT	719.02	248214.53	605309.62
423	275+48.34	67.63' LT	719.74	248198.53	605309.11
424	275+48.36	73.54' LT	719.55	248198.76	605303.21
425	275+58.32	73.50' LT	719.02	248208.72	605303.59
426	275+64.32	73.52' LT	719.11	248214.71	605303.78
427	275+74.32	73.51' LT	719.55	248224.70	605304.15
428	275+74.33	67.62' LT	719.74	248224.51	605310.04
429	275+64.83	56.04' LT	718.94	248214.61	605321.27
430	275+61.91	55.84' LT	718.81	248211.68	605321.37

NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

THE ENGINEER MAY ADJUST CURB RAMP ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE REQUIREMENTS OF THE STANDARD DETAILS.

DASHED SIDEWALK JOINT LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATIONAL PURPOSES ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.

SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

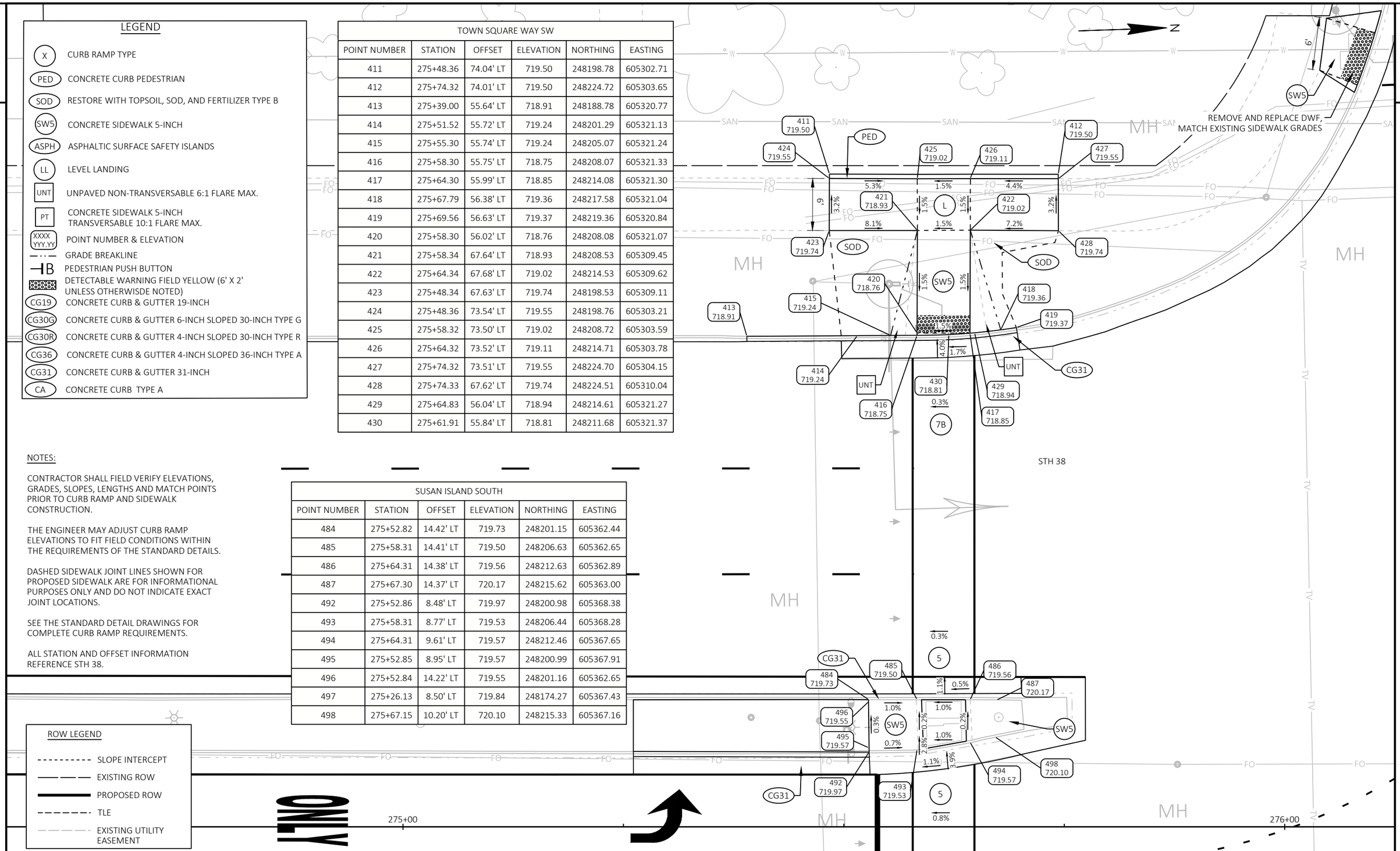
ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

SUSAN ISLAND SOUTH

POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
484	275+52.82	14.42' LT	719.73	248201.15	605362.44
485	275+58.31	14.41' LT	719.50	248206.63	605362.65
486	275+64.31	14.38' LT	719.56	248212.63	605362.89
487	275+67.30	14.37' LT	720.17	248215.62	605363.00
492	275+52.86	8.48' LT	719.97	248200.98	605368.38
493	275+58.31	8.77' LT	719.53	248206.44	605368.28
494	275+64.31	9.61' LT	719.57	248212.46	605367.65
495	275+52.85	8.95' LT	719.57	248200.99	605367.91
496	275+52.84	14.22' LT	719.55	248201.16	605362.65
497	275+26.13	8.50' LT	719.84	248174.27	605367.43
498	275+67.15	10.20' LT	720.10	248215.33	605367.16

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT



PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - TOWN SQUARE WAY S ISLAND & SW	SHEET 153 E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021306-CR_FORESTHILLAVE.DWG
LAYOUT NAME - 09
PLOT DATE : 7/15/2026 2:46 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN: 10 FT
WISDOT/CADDS SHEET 42

NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

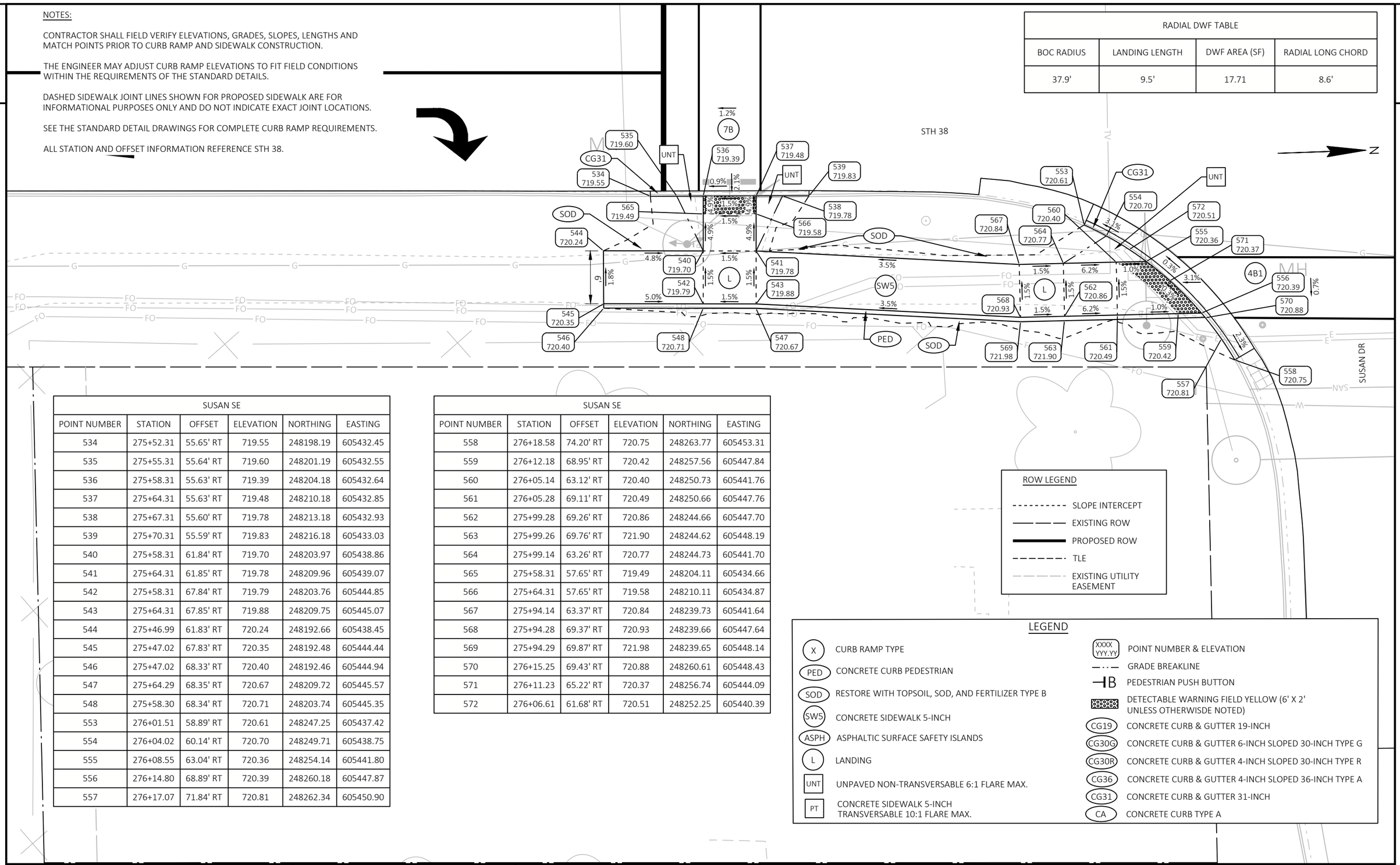
THE ENGINEER MAY ADJUST CURB RAMP ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE REQUIREMENTS OF THE STANDARD DETAILS.

DASHED SIDEWALK JOINT LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATIONAL PURPOSES ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.

SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

RADIAL DWF TABLE			
BOC RADIUS	LANDING LENGTH	DWF AREA (SF)	RADIAL LONG CHORD
37.9'	9.5'	17.71	8.6'



SUSAN SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
534	275+52.31	55.65' RT	719.55	248198.19	605432.45
535	275+55.31	55.64' RT	719.60	248201.19	605432.55
536	275+58.31	55.63' RT	719.39	248204.18	605432.64
537	275+64.31	55.63' RT	719.48	248210.18	605432.85
538	275+67.31	55.60' RT	719.78	248213.18	605432.93
539	275+70.31	55.59' RT	719.83	248216.18	605433.03
540	275+58.31	61.84' RT	719.70	248203.97	605438.86
541	275+64.31	61.85' RT	719.78	248209.96	605439.07
542	275+58.31	67.84' RT	719.79	248203.76	605444.85
543	275+64.31	67.85' RT	719.88	248209.75	605445.07
544	275+46.99	61.83' RT	720.24	248192.66	605438.45
545	275+47.02	67.83' RT	720.35	248192.48	605444.44
546	275+47.02	68.33' RT	720.40	248192.46	605444.94
547	275+64.29	68.35' RT	720.67	248209.72	605445.57
548	275+58.30	68.34' RT	720.71	248203.74	605445.35
553	276+01.51	58.89' RT	720.61	248247.25	605437.42
554	276+04.02	60.14' RT	720.70	248249.71	605438.75
555	276+08.55	63.04' RT	720.36	248254.14	605441.80
556	276+14.80	68.89' RT	720.39	248260.18	605447.87
557	276+17.07	71.84' RT	720.81	248262.34	605450.90

SUSAN SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
558	276+18.58	74.20' RT	720.75	248263.77	605453.31
559	276+12.18	68.95' RT	720.42	248257.56	605447.84
560	276+05.14	63.12' RT	720.40	248250.73	605441.76
561	276+05.28	69.11' RT	720.49	248250.66	605447.76
562	275+99.28	69.26' RT	720.86	248244.66	605447.70
563	275+99.26	69.76' RT	721.90	248244.62	605448.19
564	275+99.14	63.26' RT	720.77	248244.73	605441.70
565	275+58.31	57.65' RT	719.49	248204.11	605434.66
566	275+64.31	57.65' RT	719.58	248210.11	605434.87
567	275+94.14	63.37' RT	720.84	248239.73	605441.64
568	275+94.28	69.37' RT	720.93	248239.66	605447.64
569	275+94.29	69.87' RT	721.98	248239.65	605448.14
570	276+15.25	69.43' RT	720.88	248260.61	605448.43
571	276+11.23	65.22' RT	720.37	248256.74	605444.09
572	276+06.61	61.68' RT	720.51	248252.25	605440.39

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

LEGEND

- X — CURB RAMP TYPE
- PED — CONCRETE CURB PEDESTRIAN
- SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- SW5 — CONCRETE SIDEWALK 5-INCH
- ASPH — ASPHALTIC SURFACE SAFETY ISLANDS
- L — LANDING
- UNT — UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- PT — CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
- XXXX YYY.YY — POINT NUMBER & ELEVATION
- GRADE BREAKLINE
- B — PEDESTRIAN PUSH BUTTON
- DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
- CG19 — CONCRETE CURB & GUTTER 19-INCH
- CG30G — CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
- CG30R — CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
- CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- CG31 — CONCRETE CURB & GUTTER 31-INCH
- CA — CONCRETE CURB TYPE A

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - SUSAN DR SE	SHEET 154	E

TOWN SQUARE WAY NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
445	277+29.14	83.95' LT	720.23	248379.80	605299.12
446	276+94.58	101.52' LT	719.62	248345.87	605280.35
447	276+96.45	97.41' LT	719.64	248347.59	605284.53
448	276+98.06	94.47' LT	719.15	248349.10	605287.52
449	277+02.07	88.62' LT	719.26	248352.90	605293.51
450	277+04.10	86.21' LT	719.52	248354.85	605295.99
451	277+05.16	85.05' LT	719.53	248355.87	605297.19
452	277+07.40	82.83' LT	719.29	248358.03	605299.49
453	277+13.25	78.10' LT	719.35	248363.71	605304.41
454	277+16.40	76.08' LT	719.87	248366.79	605306.55
455	277+18.87	74.70' LT	719.89	248369.21	605308.01
456	277+01.83	94.62' LT	719.17	248352.88	605287.51
457	277+05.43	94.70' LT	719.37	248356.48	605287.55
458	277+05.63	88.76' LT	719.46	248356.46	605293.49
459	277+13.40	82.83' LT	719.40	248364.02	605299.70

TOWN SQUARE WAY NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
460	277+07.40	85.83' LT	719.44	248358.13	605296.49
461	277+13.40	85.83' LT	719.53	248364.13	605296.70
462	277+11.93	98.39' LT	719.48	248363.10	605284.09
463	277+17.92	90.70' LT	719.63	248368.82	605291.99
464	277+01.47	103.04' LT	719.84	248352.80	605279.08
465	277+08.91	106.06' LT	719.72	248360.35	605276.32
466	277+22.06	80.69' LT	720.10	248372.61	605302.13
467	277+24.58	85.98' LT	720.16	248375.30	605296.93
468	277+11.10	79.68' LT	719.33	248361.62	605302.77
469	276+98.77	93.30' LT	719.17	248349.77	605288.72
470	276+99.58	107.67' LT	719.92	248351.08	605274.39
471	277+07.05	110.70' LT	719.79	248358.65	605271.62
472	277+26.63	78.69' LT	720.18	248377.10	605304.29

LEGEND

- X — CURB RAMP TYPE
- PED — CONCRETE CURB PEDESTRIAN
- SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- SW5 — CONCRETE SIDEWALK 5-INCH
- ASPH — ASPHALTIC SURFACE SAFETY ISLANDS
- L — LANDING
- UNT — UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- PT — CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
- XXXX YYY.YY — POINT NUMBER & ELEVATION
- GRADE BREAKLINE
- B — PEDESTRIAN PUSH BUTTON
- DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
- CG19 — CONCRETE CURB & GUTTER 19-INCH
- CG30G — CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
- CG30R — CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
- CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- CG31 — CONCRETE CURB & GUTTER 31-INCH
- CA — CONCRETE CURB TYPE A

NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

THE ENGINEER MAY ADJUST CURB RAMP ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE REQUIREMENTS OF THE STANDARD DETAILS.

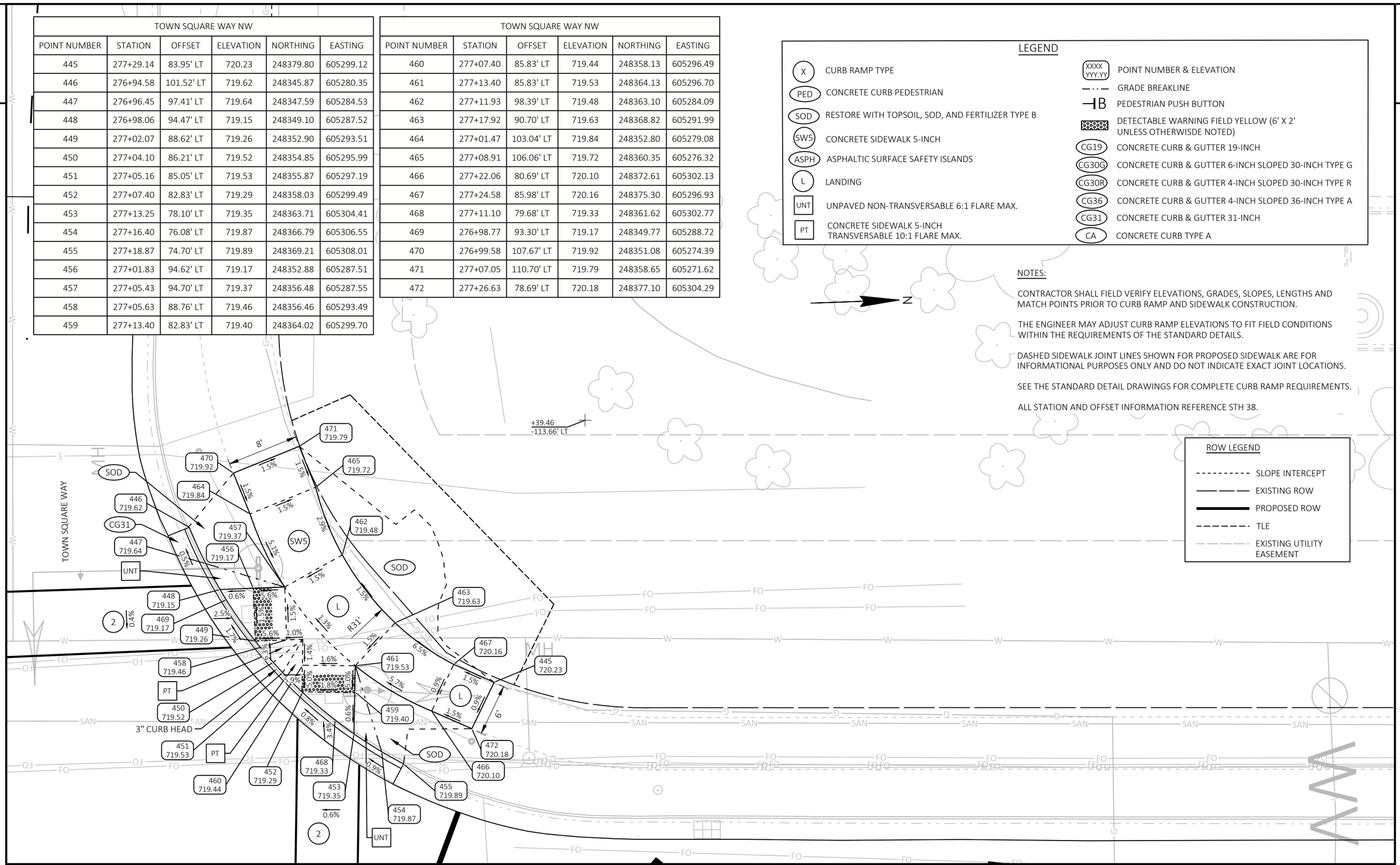
DASHED SIDEWALK JOINT LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATIONAL PURPOSES ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.

SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT



PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - TOWN SQUARE WAY NW	SHEET 155	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021306-CR_FORESTHILLAVE.DWG
LAYOUT NAME - 11
PLOT DATE : 7/15/2026 2:47 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

LEGEND

X — CURB RAMP TYPE	XXXX YYY.YY — POINT NUMBER & ELEVATION
PED — CONCRETE CURB PEDESTRIAN	GRADE BREAKLINE
SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B	B — PEDESTRIAN PUSH BUTTON
SW5 — CONCRETE SIDEWALK 5-INCH	DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
ASPH — ASPHALTIC SURFACE SAFETY ISLANDS	CG19 — CONCRETE CURB & GUTTER 19-INCH
L — LANDING	CG30G — CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
UNT — UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.	CG30R — CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
PT — CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.	CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
	CG31 — CONCRETE CURB & GUTTER 31-INCH
	CA — CONCRETE CURB TYPE A

NOTES:

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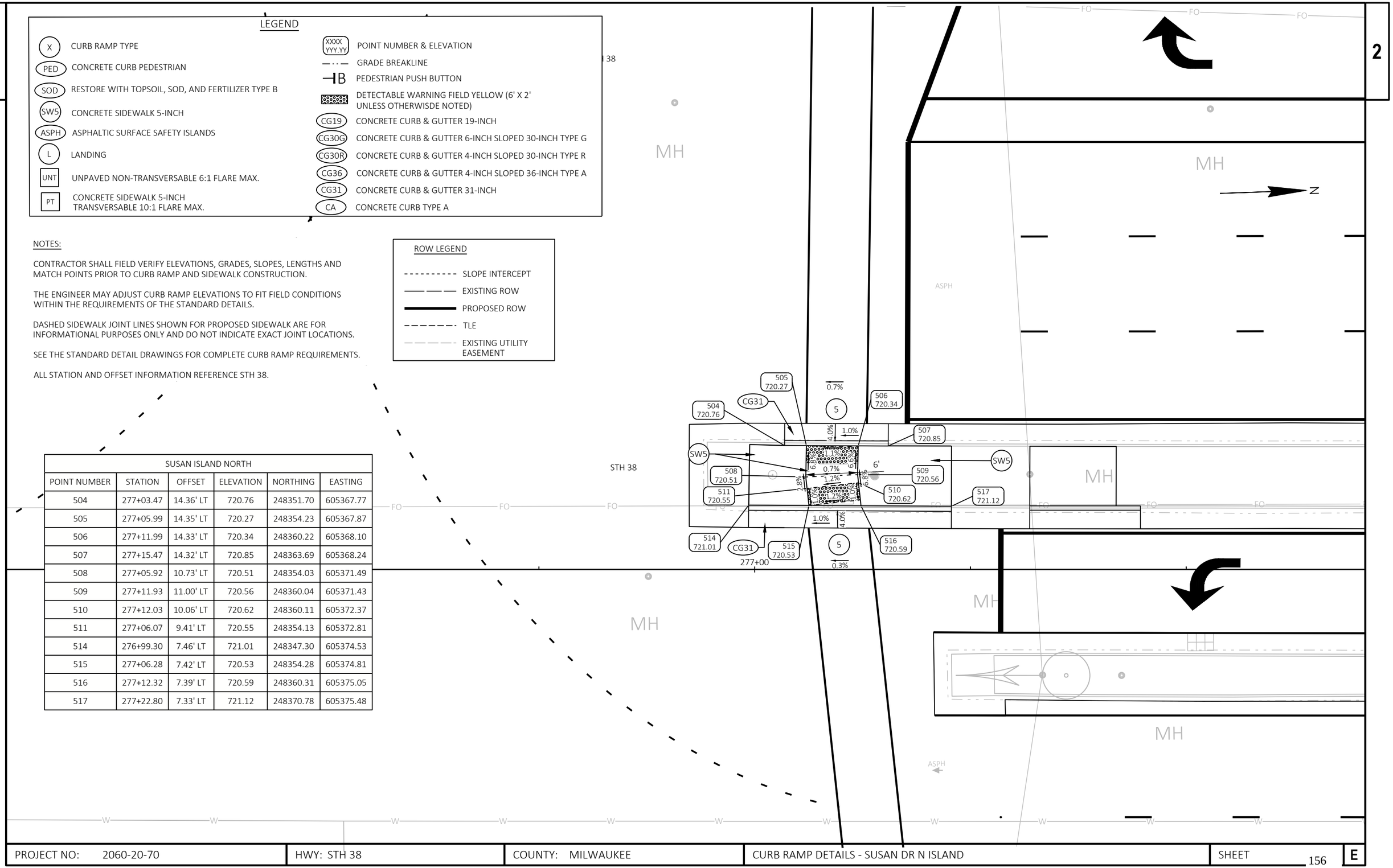
SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

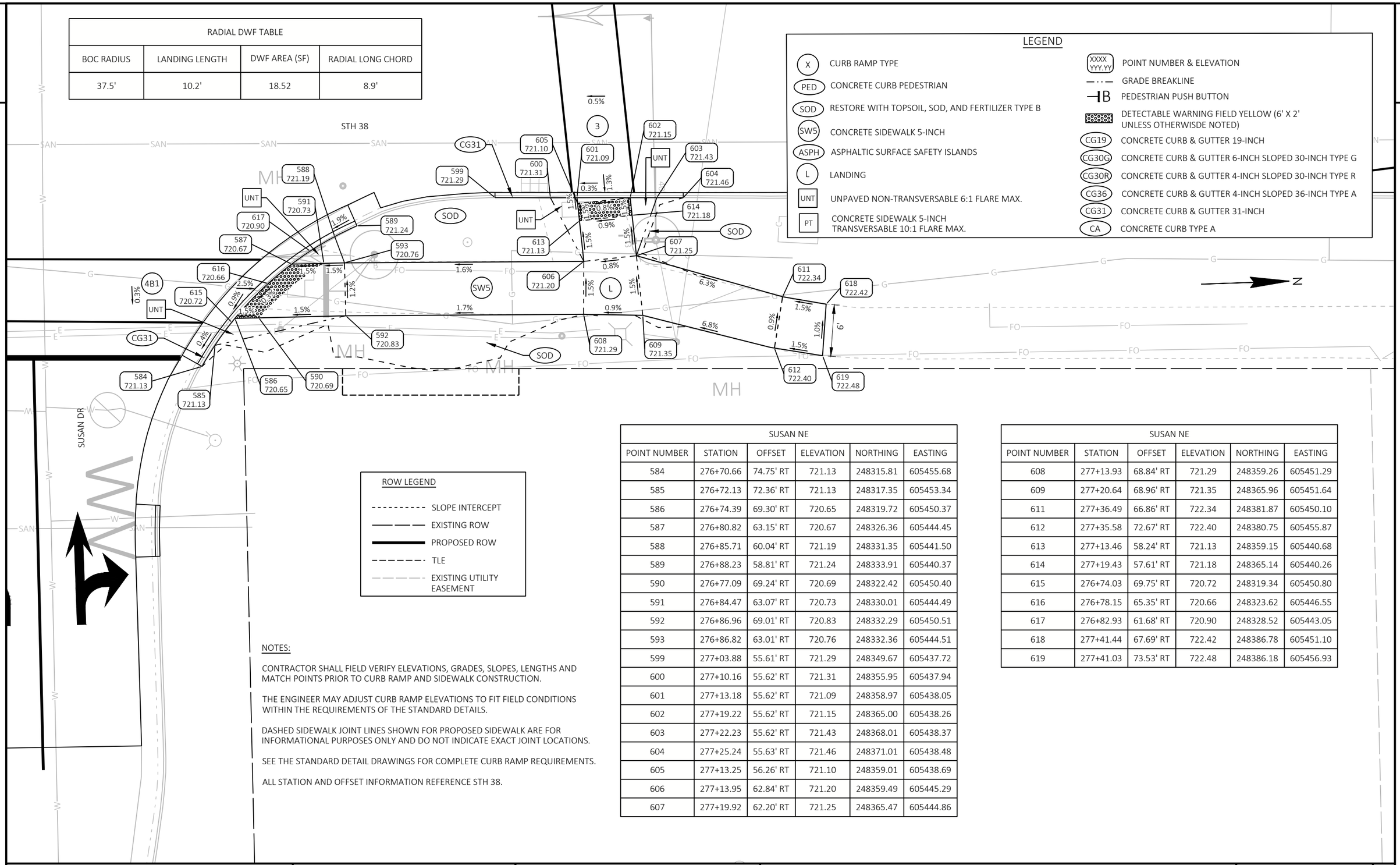
ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

SUSAN ISLAND NORTH					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
504	277+03.47	14.36' LT	720.76	248351.70	605367.77
505	277+05.99	14.35' LT	720.27	248354.23	605367.87
506	277+11.99	14.33' LT	720.34	248360.22	605368.10
507	277+15.47	14.32' LT	720.85	248363.69	605368.24
508	277+05.92	10.73' LT	720.51	248354.03	605371.49
509	277+11.93	11.00' LT	720.56	248360.04	605371.43
510	277+12.03	10.06' LT	720.62	248360.11	605372.37
511	277+06.07	9.41' LT	720.55	248354.13	605372.81
514	276+99.30	7.46' LT	721.01	248347.30	605374.53
515	277+06.28	7.42' LT	720.53	248354.28	605374.81
516	277+12.32	7.39' LT	720.59	248360.31	605375.05
517	277+22.80	7.33' LT	721.12	248370.78	605375.48



RADIAL DWF TABLE			
BOC RADIUS	LANDING LENGTH	DWF AREA (SF)	RADIAL LONG CHORD
37.5'	10.2'	18.52	8.9'



LEGEND

- X — CURB RAMP TYPE
- PED — CONCRETE CURB PEDESTRIAN
- SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- SW5 — CONCRETE SIDEWALK 5-INCH
- ASPH — ASPHALTIC SURFACE SAFETY ISLANDS
- L — LANDING
- UNT — UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- PT — CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
- XXXX YYY.YY — POINT NUMBER & ELEVATION
- GRADE BREAKLINE
- B — PEDESTRIAN PUSH BUTTON
- DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
- CG19 — CONCRETE CURB & GUTTER 19-INCH
- CG30G — CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
- CG30R — CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
- CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- CG31 — CONCRETE CURB & GUTTER 31-INCH
- CA — CONCRETE CURB TYPE A

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

THE ENGINEER MAY ADJUST CURB RAMP ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE REQUIREMENTS OF THE STANDARD DETAILS.

DASHED SIDEWALK JOINT LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATIONAL PURPOSES ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.

SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

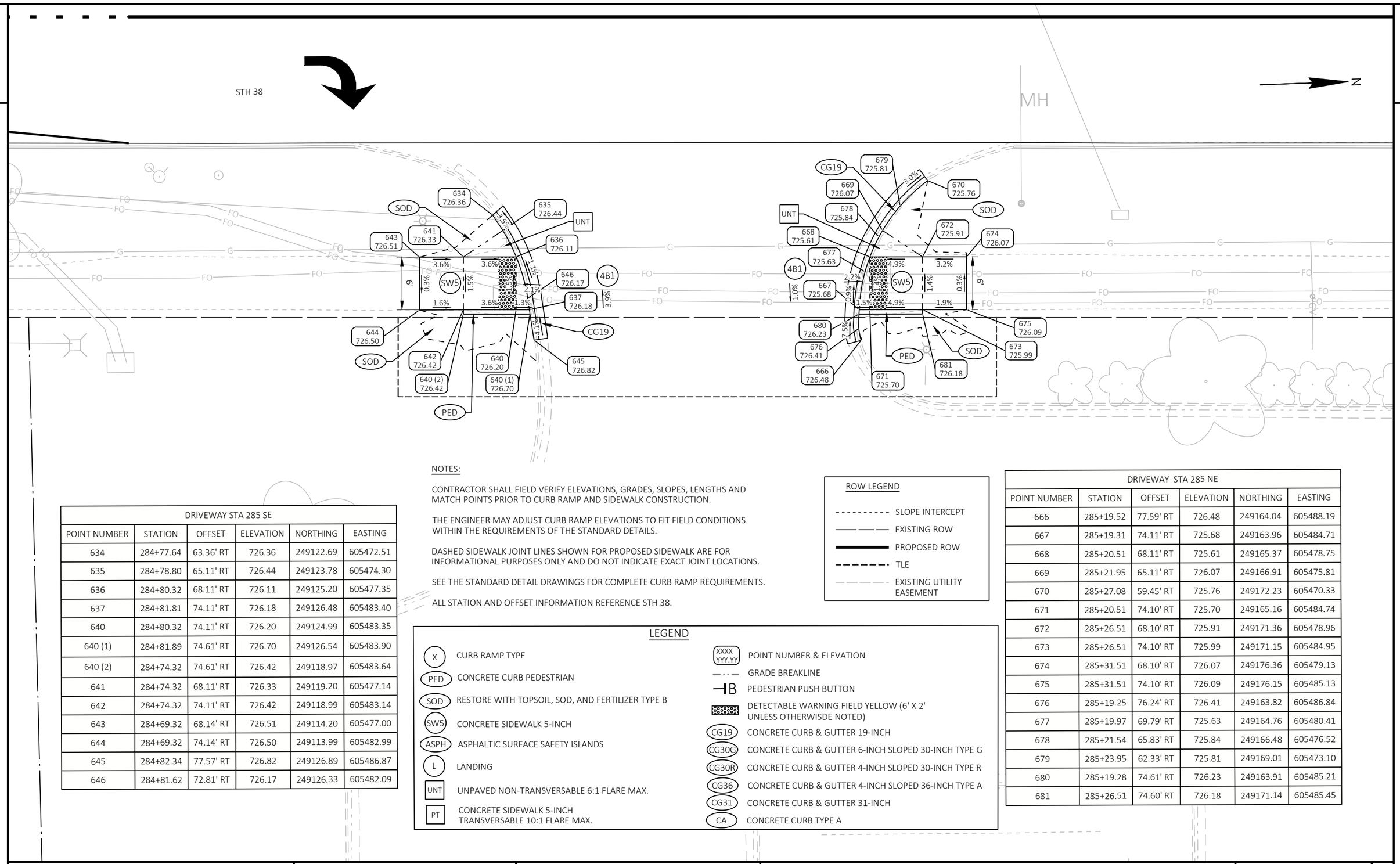
ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

SUSAN NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
584	276+70.66	74.75' RT	721.13	248315.81	605455.68
585	276+72.13	72.36' RT	721.13	248317.35	605453.34
586	276+74.39	69.30' RT	720.65	248319.72	605450.37
587	276+80.82	63.15' RT	720.67	248326.36	605444.45
588	276+85.71	60.04' RT	721.19	248331.35	605441.50
589	276+88.23	58.81' RT	721.24	248333.91	605440.37
590	276+77.09	69.24' RT	720.69	248322.42	605450.40
591	276+84.47	63.07' RT	720.73	248330.01	605444.49
592	276+86.96	69.01' RT	720.83	248332.29	605450.51
593	276+86.82	63.01' RT	720.76	248332.36	605444.51
599	277+03.88	55.61' RT	721.29	248349.67	605437.72
600	277+10.16	55.62' RT	721.31	248355.95	605437.94
601	277+13.18	55.62' RT	721.09	248358.97	605438.05
602	277+19.22	55.62' RT	721.15	248365.00	605438.26
603	277+22.23	55.62' RT	721.43	248368.01	605438.37
604	277+25.24	55.63' RT	721.46	248371.01	605438.48
605	277+13.25	56.26' RT	721.10	248359.01	605438.69
606	277+13.95	62.84' RT	721.20	248359.49	605445.29
607	277+19.92	62.20' RT	721.25	248365.47	605444.86

SUSAN NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
608	277+13.93	68.84' RT	721.29	248359.26	605451.29
609	277+20.64	68.96' RT	721.35	248365.96	605451.64
611	277+36.49	66.86' RT	722.34	248381.87	605450.10
612	277+35.58	72.67' RT	722.40	248380.75	605455.87
613	277+13.46	58.24' RT	721.13	248359.15	605440.68
614	277+19.43	57.61' RT	721.18	248365.14	605440.26
615	276+74.03	69.75' RT	720.72	248319.34	605450.80
616	276+78.15	65.35' RT	720.66	248323.62	605446.55
617	276+82.93	61.68' RT	720.90	248328.52	605443.05
618	277+41.44	67.69' RT	722.42	248386.78	605451.10
619	277+41.03	73.53' RT	722.48	248386.18	605456.93

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - SUSAN DR NE	SHEET 157	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021306-CR_FORESTHILLAVE.DWG
LAYOUT NAME - 13
PLOT DATE : 7/15/2026 2:47 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42



DRIVEWAY STA 285 SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
634	284+77.64	63.36' RT	726.36	249122.69	605472.51
635	284+78.80	65.11' RT	726.44	249123.78	605474.30
636	284+80.32	68.11' RT	726.11	249125.20	605477.35
637	284+81.81	74.11' RT	726.18	249126.48	605483.40
640	284+80.32	74.11' RT	726.20	249124.99	605483.35
640 (1)	284+81.89	74.61' RT	726.70	249126.54	605483.90
640 (2)	284+74.32	74.61' RT	726.42	249118.97	605483.64
641	284+74.32	68.11' RT	726.33	249119.20	605477.14
642	284+74.32	74.11' RT	726.42	249118.99	605483.14
643	284+69.32	68.14' RT	726.51	249114.20	605477.00
644	284+69.32	74.14' RT	726.50	249113.99	605482.99
645	284+82.34	77.57' RT	726.82	249126.89	605486.87
646	284+81.62	72.81' RT	726.17	249126.33	605482.09

NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

THE ENGINEER MAY ADJUST CURB RAMP ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE REQUIREMENTS OF THE STANDARD DETAILS.

DASHED SIDEWALK JOINT LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATIONAL PURPOSES ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.

SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

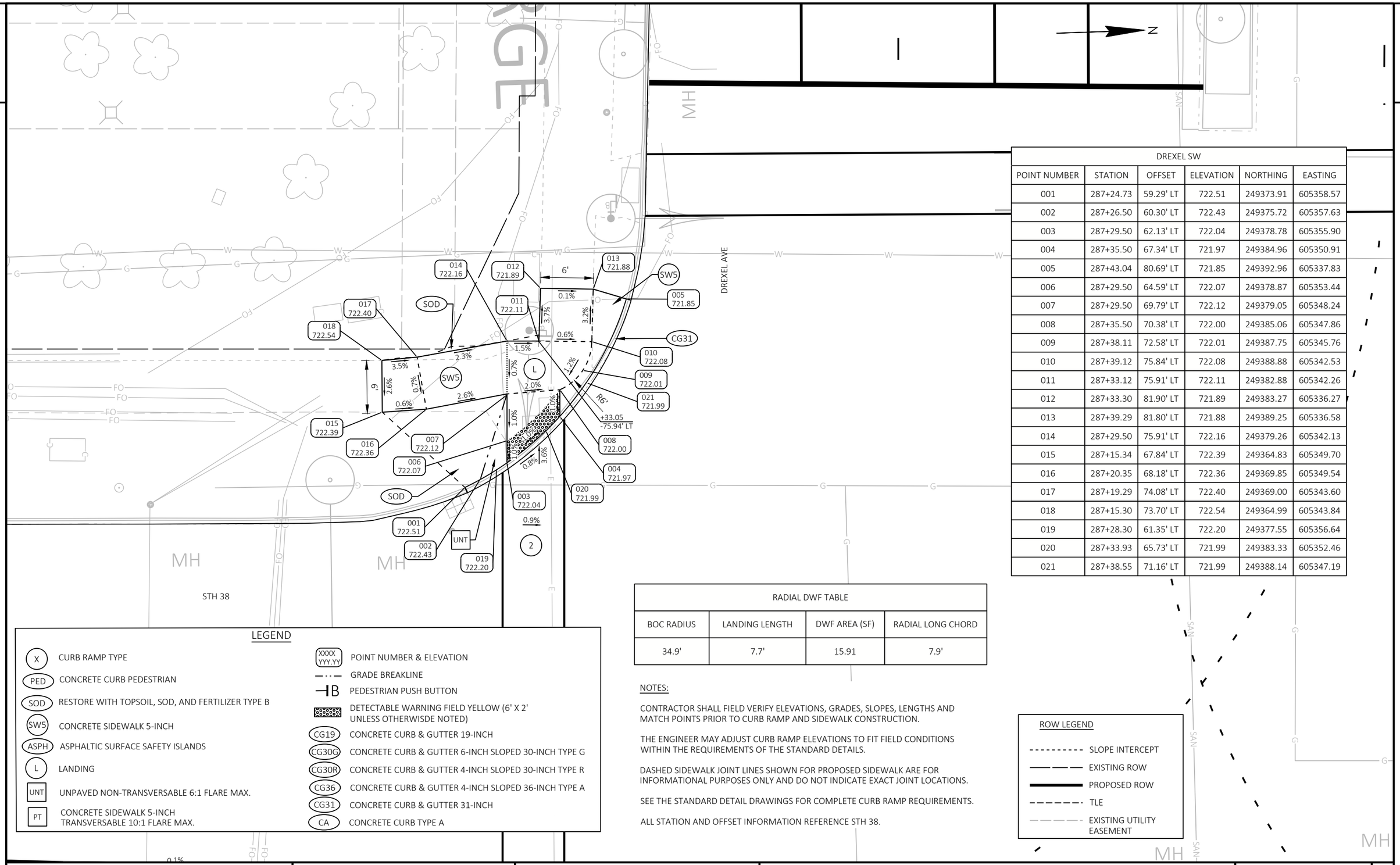
LEGEND

- X — CURB RAMP TYPE
- PED — CONCRETE CURB PEDESTRIAN
- SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- SW5 — CONCRETE SIDEWALK 5-INCH
- ASPH — ASPHALTIC SURFACE SAFETY ISLANDS
- L — LANDING
- UNT — UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- PT — CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
- XXXX YYY.YY — POINT NUMBER & ELEVATION
- GRADE BREAKLINE
- PB — PEDESTRIAN PUSH BUTTON
- DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
- CG19 — CONCRETE CURB & GUTTER 19-INCH
- CG30G — CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
- CG30R — CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
- CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- CG31 — CONCRETE CURB & GUTTER 31-INCH
- CA — CONCRETE CURB TYPE A

DRIVEWAY STA 285 NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
666	285+19.52	77.59' RT	726.48	249164.04	605488.19
667	285+19.31	74.11' RT	725.68	249163.96	605484.71
668	285+20.51	68.11' RT	725.61	249165.37	605478.75
669	285+21.95	65.11' RT	726.07	249166.91	605475.81
670	285+27.08	59.45' RT	725.76	249172.23	605470.33
671	285+20.51	74.10' RT	725.70	249165.16	605484.74
672	285+26.51	68.10' RT	725.91	249171.36	605478.96
673	285+26.51	74.10' RT	725.99	249171.15	605484.95
674	285+31.51	68.10' RT	726.07	249176.36	605479.13
675	285+31.51	74.10' RT	726.09	249176.15	605485.13
676	285+19.25	76.24' RT	726.41	249163.82	605486.84
677	285+19.97	69.79' RT	725.63	249164.76	605480.41
678	285+21.54	65.83' RT	725.84	249166.48	605476.52
679	285+23.95	62.33' RT	725.81	249169.01	605473.10
680	285+19.28	74.61' RT	726.23	249163.91	605485.21
681	285+26.51	74.60' RT	726.18	249171.14	605485.45

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - DRIVEWAY STA 285 SE & NE	SHEET 158	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021306-CR_FORESTHILLAVE.DWG
LAYOUT NAME - 14
PLOT DATE : 7/15/2026 2:48 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42



DREXEL SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
001	287+24.73	59.29' LT	722.51	249373.91	605358.57
002	287+26.50	60.30' LT	722.43	249375.72	605357.63
003	287+29.50	62.13' LT	722.04	249378.78	605355.90
004	287+35.50	67.34' LT	721.97	249384.96	605350.91
005	287+43.04	80.69' LT	721.85	249392.96	605337.83
006	287+29.50	64.59' LT	722.07	249378.87	605353.44
007	287+29.50	69.79' LT	722.12	249379.05	605348.24
008	287+35.50	70.38' LT	722.00	249385.06	605347.86
009	287+38.11	72.58' LT	722.01	249387.75	605345.76
010	287+39.12	75.84' LT	722.08	249388.88	605342.53
011	287+33.12	75.91' LT	722.11	249382.88	605342.26
012	287+33.30	81.90' LT	721.89	249383.27	605336.27
013	287+39.29	81.80' LT	721.88	249389.25	605336.58
014	287+29.50	75.91' LT	722.16	249379.26	605342.13
015	287+15.34	67.84' LT	722.39	249364.83	605349.70
016	287+20.35	68.18' LT	722.36	249369.85	605349.54
017	287+19.29	74.08' LT	722.40	249369.00	605343.60
018	287+15.30	73.70' LT	722.54	249364.99	605343.84
019	287+28.30	61.35' LT	722.20	249377.55	605356.64
020	287+33.93	65.73' LT	721.99	249383.33	605352.46
021	287+38.55	71.16' LT	721.99	249388.14	605347.19

LEGEND

- X — CURB RAMP TYPE
- PED — CONCRETE CURB PEDESTRIAN
- SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- SW5 — CONCRETE SIDEWALK 5-INCH
- ASPH — ASPHALTIC SURFACE SAFETY ISLANDS
- L — LANDING
- UNT — UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- PT — CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
- XXXX YYY.YY — POINT NUMBER & ELEVATION
- GRADE BREAKLINE
- PEDESTRIAN PUSH BUTTON
- DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
- CG19 — CONCRETE CURB & GUTTER 19-INCH
- CG30G — CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
- CG30R — CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
- CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- CG31 — CONCRETE CURB & GUTTER 31-INCH
- CA — CONCRETE CURB TYPE A

RADIAL DWF TABLE			
BOC RADIUS	LANDING LENGTH	DWF AREA (SF)	RADIAL LONG CHORD
34.9'	7.7'	15.91	7.9'

NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

THE ENGINEER MAY ADJUST CURB RAMP ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE REQUIREMENTS OF THE STANDARD DETAILS.

DASHED SIDEWALK JOINT LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATIONAL PURPOSES ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.

SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - DREXEL AVE SW	SHEET 159	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021307-CR_DREXELAVE.DWG
LAYOUT NAME - 01
PLOT DATE : 7/15/2026 2:48 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

DREXEL SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
084	287+20.91	57.02' RT	724.14	249366.03	605474.68
085	287+26.50	58.72' RT	723.98	249371.56	605476.57
086	287+29.50	59.99' RT	723.67	249374.51	605477.95
087	287+35.50	63.47' RT	723.62	249380.39	605481.63
088	287+40.75	67.78' RT	723.78	249385.48	605486.13
089	287+29.50	63.47' RT	723.71	249374.39	605481.42
090	287+29.50	66.69' RT	723.89	249374.28	605484.64
091	287+35.50	66.69' RT	723.80	249380.27	605484.85
092	287+44.43	78.81' RT	723.76	249388.78	605497.28
093	287+38.84	81.57' RT	723.80	249383.10	605499.84
094	287+29.72	72.70' RT	723.94	249374.28	605490.65
095	287+19.73	73.09' RT	724.27	249364.28	605490.70
096	287+19.51	67.10' RT	724.17	249364.28	605484.70
097	287+38.50	65.76' RT	723.81	249383.30	605484.03
098	287+35.71	72.48' RT	723.85	249380.28	605490.65
099	287+35.67	70.14' RT	723.85	249380.32	605488.30
100	287+31.57	61.05' RT	723.65	249376.54	605479.07
101	287+36.39	64.10' RT	723.67	249381.25	605482.30

LEGEND

- X — CURB RAMP TYPE
- PED — CONCRETE CURB PEDESTRIAN
- SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- SW5 — CONCRETE SIDEWALK 5-INCH
- ASPH — ASPHALTIC SURFACE SAFETY ISLANDS
- L — LANDING
- UNT — UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- PT — CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
- XXXX YYY.YY — POINT NUMBER & ELEVATION
- GRADE BREAKLINE
- PEDESTRIAN PUSH BUTTON
- DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
- CG19 — CONCRETE CURB & GUTTER 19-INCH
- CG30G — CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
- CG30R — CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
- CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- CG31 — CONCRETE CURB & GUTTER 31-INCH
- CA — CONCRETE CURB TYPE A

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

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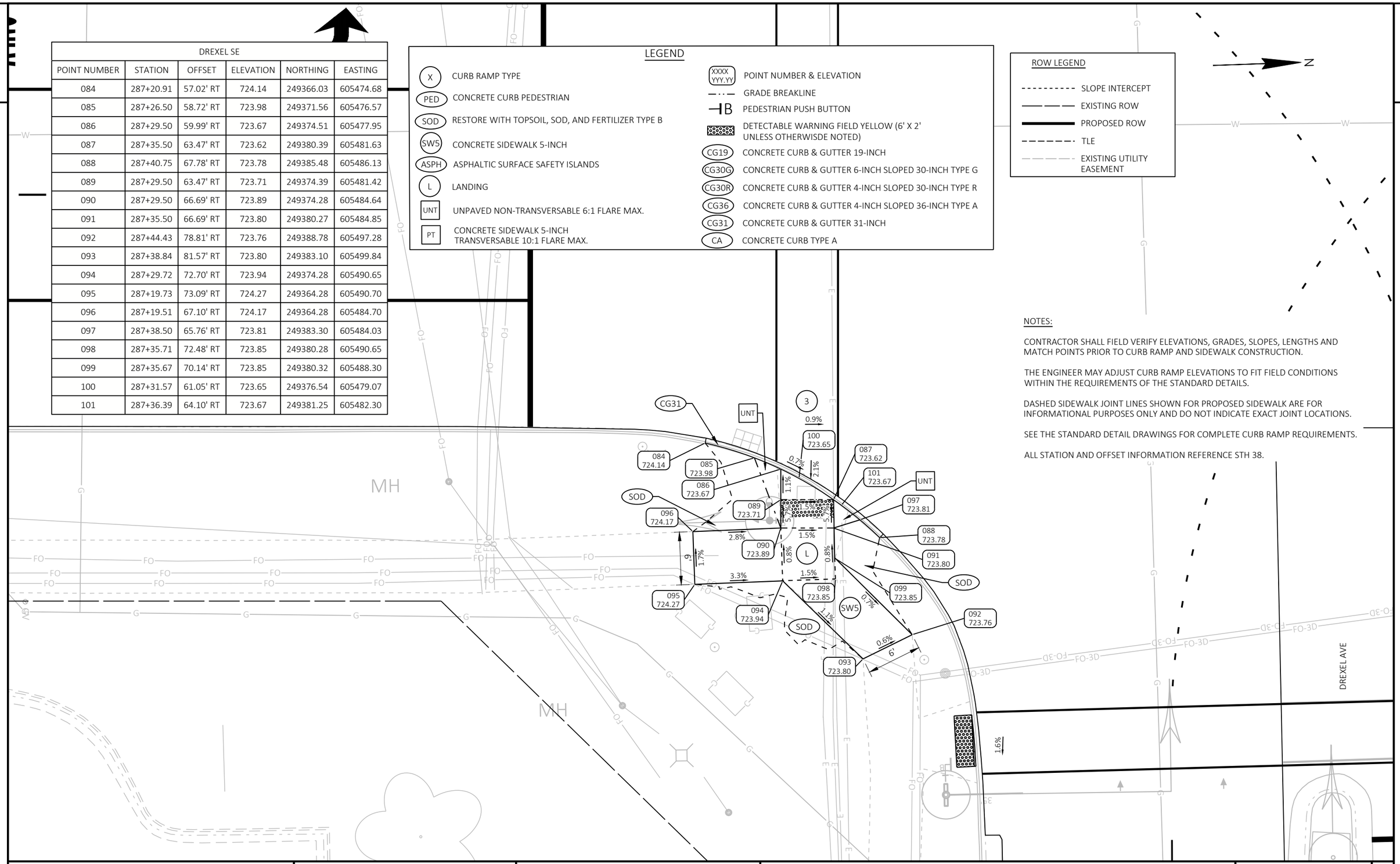
DASHED SIDEWALK JOINT LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATIONAL PURPOSES ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.

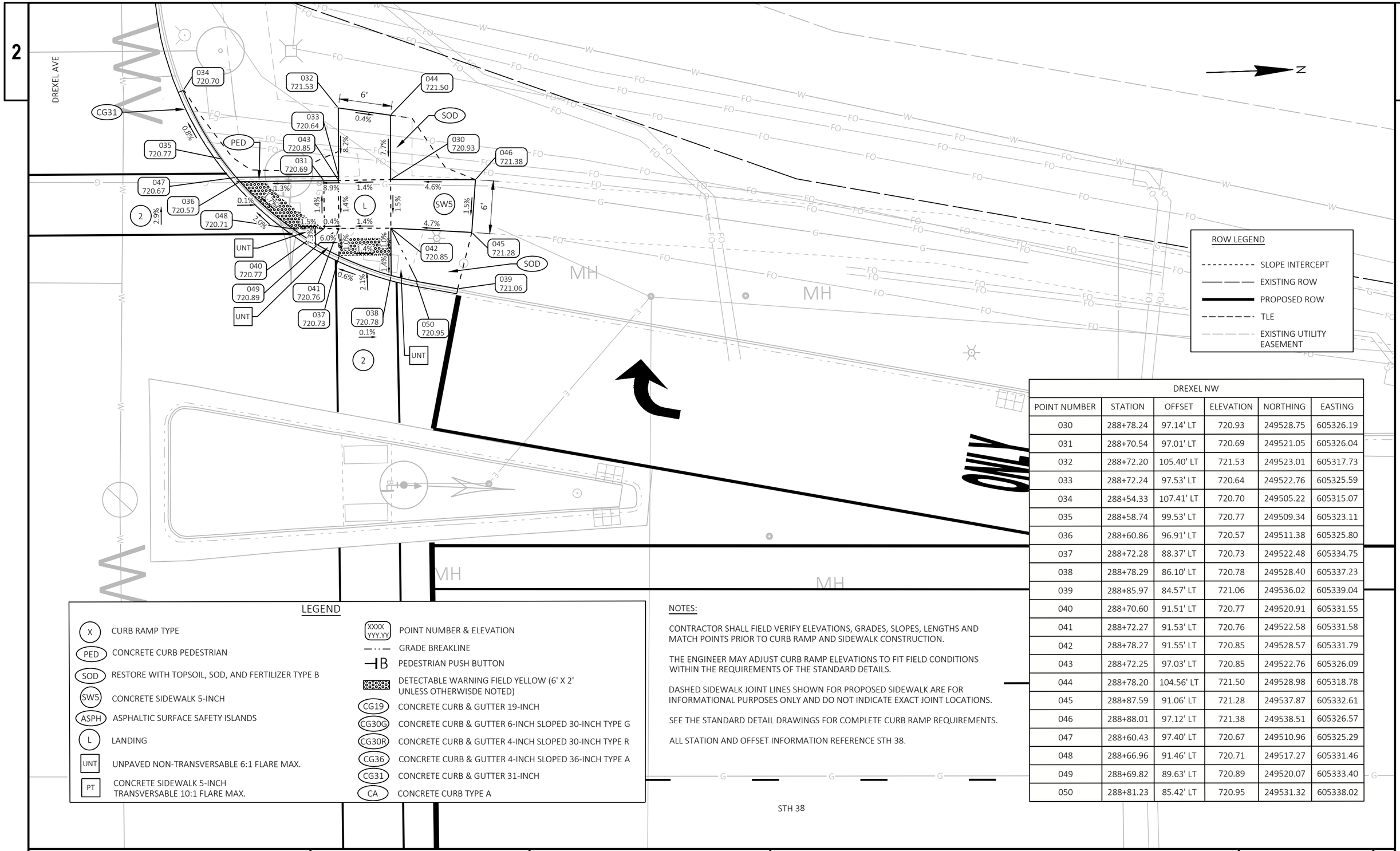
SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.



PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - DREXEL AVE SE	SHEET 160	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021307-CR_DREXELAVE.DWG
LAYOUT NAME - 02
PLOT DATE : 7/15/2026 2:48 PM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1 IN:10 FT



ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

DREXEL NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
030	288+78.24	97.14' LT	720.93	249528.75	605326.19
031	288+70.54	97.01' LT	720.69	249521.05	605326.04
032	288+72.20	105.40' LT	721.53	249523.01	605317.73
033	288+72.24	97.53' LT	720.64	249522.76	605325.59
034	288+54.33	107.41' LT	720.70	249505.22	605315.07
035	288+58.74	99.53' LT	720.77	249509.34	605323.11
036	288+60.86	96.91' LT	720.57	249511.38	605325.80
037	288+72.28	88.37' LT	720.73	249522.48	605334.75
038	288+78.29	86.10' LT	720.78	249528.40	605337.23
039	288+85.97	84.57' LT	721.06	249536.02	605339.04
040	288+70.60	91.51' LT	720.77	249520.91	605331.55
041	288+72.27	91.53' LT	720.76	249522.58	605331.58
042	288+78.27	91.55' LT	720.85	249528.57	605331.79
043	288+72.25	97.03' LT	720.85	249522.76	605326.09
044	288+78.20	104.56' LT	721.50	249528.98	605318.78
045	288+87.59	91.06' LT	721.28	249537.87	605332.61
046	288+88.01	97.12' LT	721.38	249538.51	605326.57
047	288+60.43	97.40' LT	720.67	249510.96	605325.29
048	288+66.96	91.46' LT	720.71	249517.27	605331.46
049	288+69.82	89.63' LT	720.89	249520.07	605333.40
050	288+81.23	85.42' LT	720.95	249531.32	605338.02

LEGEND

- (X) CURB RAMP TYPE
- (PED) CONCRETE CURB PEDESTRIAN
- (SOD) RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- (SW5) CONCRETE SIDEWALK 5-INCH
- (ASPH) ASPHALTIC SURFACE SAFETY ISLANDS
- (L) LANDING
- (UNT) UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- (PT) CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
- (XXXX YYY.YY) POINT NUMBER & ELEVATION
- GRADE BREAKLINE
- PEDESTRIAN PUSH BUTTON
- DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
- (CG19) CONCRETE CURB & GUTTER 19-INCH
- (CG30G) CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
- (CG30R) CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
- (CG36) CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- (CG31) CONCRETE CURB & GUTTER 31-INCH
- (CA) CONCRETE CURB TYPE A

NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

THE ENGINEER MAY ADJUST CURB RAMP ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE REQUIREMENTS OF THE STANDARD DETAILS.

DASHED SIDEWALK JOINT LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATIONAL PURPOSES ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.

SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

STH 38

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - DREXEL AVE NW	SHEET 161	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021307-CR_DREXELAVE.DWG
LAYOUT NAME - 03
PLOT DATE : 7/15/2026 2:49 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

DREXEL NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
111	288+66.93	78.97' RT	722.89	249511.11	605501.79
112	288+66.64	84.95' RT	722.75	249510.61	605507.75
113	288+66.96	96.94' RT	722.87	249510.50	605519.75
114	288+53.13	97.31' RT	722.62	249496.66	605519.61
115	288+53.36	94.31' RT	722.67	249496.99	605516.62
116	288+53.80	91.29' RT	722.21	249497.55	605513.63
117	288+55.38	85.24' RT	722.30	249499.34	605507.64
118	288+56.54	82.21' RT	722.84	249500.61	605504.65
119	288+57.79	79.54' RT	722.87	249501.96	605502.03
120	288+55.55	91.24' RT	722.24	249499.30	605513.64
121	288+61.31	91.08' RT	722.38	249505.06	605513.68
122	288+61.14	85.08' RT	722.44	249505.11	605507.68
123	288+66.31	90.96' RT	722.43	249510.06	605513.74
124	288+66.14	84.96' RT	722.49	249510.11	605507.74
125	288+61.02	79.08' RT	722.75	249505.20	605501.68
126	288+66.43	78.96' RT	722.78	249510.61	605501.75
127	288+61.48	97.08' RT	722.65	249505.01	605519.68
128	288+66.46	96.95' RT	722.85	249510.00	605519.74
129	288+53.57	92.70' RT	722.43	249497.26	605515.03
130	288+54.50	88.17' RT	722.26	249498.36	605510.53
131	288+55.91	83.77' RT	722.56	249499.93	605506.19

DREXEL NE - WEST					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
136	288+69.00	65.27' RT	722.91	249513.67	605488.16
137	288+71.36	63.44' RT	722.92	249516.09	605486.43
138	288+74.33	61.52' RT	722.43	249519.14	605484.62
139	288+80.20	58.76' RT	722.45	249525.10	605482.06
140	288+83.19	57.78' RT	722.92	249528.12	605481.20
141	288+86.07	57.09' RT	722.89	249531.02	605480.61
142	288+74.42	68.48' RT	722.89	249518.97	605491.57
143	288+80.32	68.43' RT	722.92	249524.87	605491.74
144	288+80.24	61.45' RT	722.49	249525.04	605484.76
145	288+80.26	63.45' RT	722.62	249524.99	605486.76
146	288+74.36	63.52' RT	722.56	249519.09	605486.62
147	288+72.85	62.43' RT	722.67	249517.62	605485.47
148	288+77.02	60.11' RT	722.44	249521.87	605483.30
149	288+81.45	58.32' RT	722.65	249526.36	605481.67

LEGEND

- X — CURB RAMP TYPE
- PED — CONCRETE CURB PEDESTRIAN
- SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- SW5 — CONCRETE SIDEWALK 5-INCH
- ASPH — ASPHALTIC SURFACE SAFETY ISLANDS
- L — LANDING
- UNT — UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- PT — CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
- XXXX YYY.YY — POINT NUMBER & ELEVATION
- GRADE BREAKLINE
- B — PEDESTRIAN PUSH BUTTON
- DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
- CG19 — CONCRETE CURB & GUTTER 19-INCH
- CG30G — CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
- CG30R — CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
- CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- CG31 — CONCRETE CURB & GUTTER 31-INCH
- CA — CONCRETE CURB TYPE A

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

EXISTING LEVEL LANDING

NOTES:

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SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

DREXEL AVE

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - DREXEL NE	SHEET 162	E

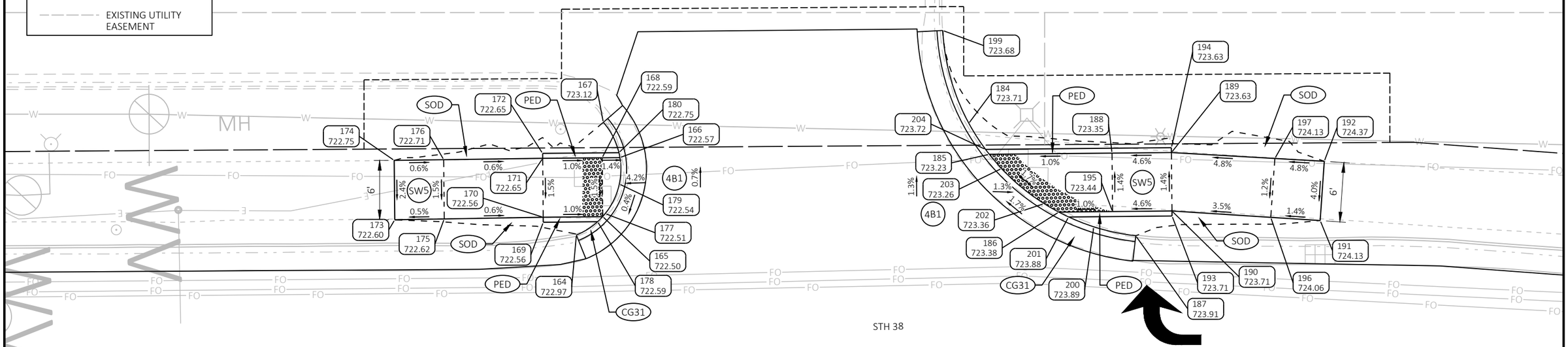
2

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

RADIAL DWF TABLE			
BOC RADIUS	LANDING LENGTH	DWF AREA (SF)	RADIAL LONG CHORD
20.4'	11.8'	19.68	8.9'

N



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ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

LEGEND

- X — CURB RAMP TYPE
- PED — CONCRETE CURB PEDESTRIAN
- SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- SW5 — CONCRETE SIDEWALK 5-INCH
- ASPH — ASPHALTIC SURFACE SAFETY ISLANDS
- L — LANDING
- UNT — UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
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- XXXX YYY.YY — POINT NUMBER & ELEVATION
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- DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
- CG19 — CONCRETE CURB & GUTTER 19-INCH
- CG30G — CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
- CG30R — CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
- CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- CG31 — CONCRETE CURB & GUTTER 31-INCH
- CA — CONCRETE CURB TYPE A

DRIVEWAY STA 293 SW

POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
164	292+33.76	70.03' LT	722.97	249883.06	605366.08
165	292+36.41	71.91' LT	722.50	249885.78	605364.30
166	292+38.16	77.85' LT	722.57	249887.74	605358.42
167	292+36.48	81.41' LT	723.12	249886.19	605354.80
168	292+36.36	77.84' LT	722.59	249885.94	605358.37
169	292+30.42	71.32' LT	722.56	249879.77	605364.67
170	292+30.41	71.83' LT	722.56	249879.78	605364.16
171	292+30.36	77.78' LT	722.65	249879.94	605358.21
172	292+30.35	78.28' LT	722.65	249879.96	605357.71
173	292+15.41	71.57' LT	722.60	249864.78	605363.88
174	292+15.36	77.57' LT	722.75	249864.95	605357.88
175	292+20.41	71.66' LT	722.62	249869.78	605363.97
176	292+20.36	77.64' LT	722.71	249869.94	605357.99
177	292+36.67	72.20' LT	722.51	249886.05	605364.02
178	292+35.91	71.39' LT	722.59	249885.26	605364.80
179	292+38.09	75.19' LT	722.54	249887.58	605361.09
180	292+38.06	78.35' LT	722.75	249887.66	605357.92

DRIVEWAY STA 293 NW

POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
184	292+73.38	81.30' LT	723.71	249923.07	605356.25
185	292+75.46	78.19' LT	723.23	249925.03	605359.43
186	292+82.48	72.35' LT	723.38	249931.84	605365.52
187	292+90.26	69.96' LT	723.91	249939.52	605368.19
188	292+87.86	78.31' LT	723.35	249937.43	605359.76
189	292+93.86	78.36' LT	723.63	249943.43	605359.92
190	292+93.92	72.46' LT	723.71	249943.27	605365.81
191	293+08.89	71.50' LT	724.13	249958.20	605367.32
192	293+09.30	77.49' LT	724.37	249958.82	605361.35
193	292+93.92	71.96' LT	723.71	249943.26	605366.32
194	292+93.86	78.86' LT	723.63	249943.44	605359.42
195	292+87.92	72.41' LT	723.44	249937.27	605365.66
196	293+03.90	71.82' LT	724.06	249953.22	605366.82
197	293+04.31	77.77' LT	724.13	249953.84	605360.89
199	292+70.76	90.69' LT	723.68	249920.78	605346.77
200	292+86.02	70.86' LT	723.89	249935.32	605367.13
201	292+83.47	71.86' LT	723.88	249932.81	605366.04
202	292+80.98	73.20' LT	723.36	249930.37	605364.62
203	292+76.69	76.74' LT	723.26	249926.21	605360.92
204	292+75.08	78.69' LT	723.72	249924.67	605358.92

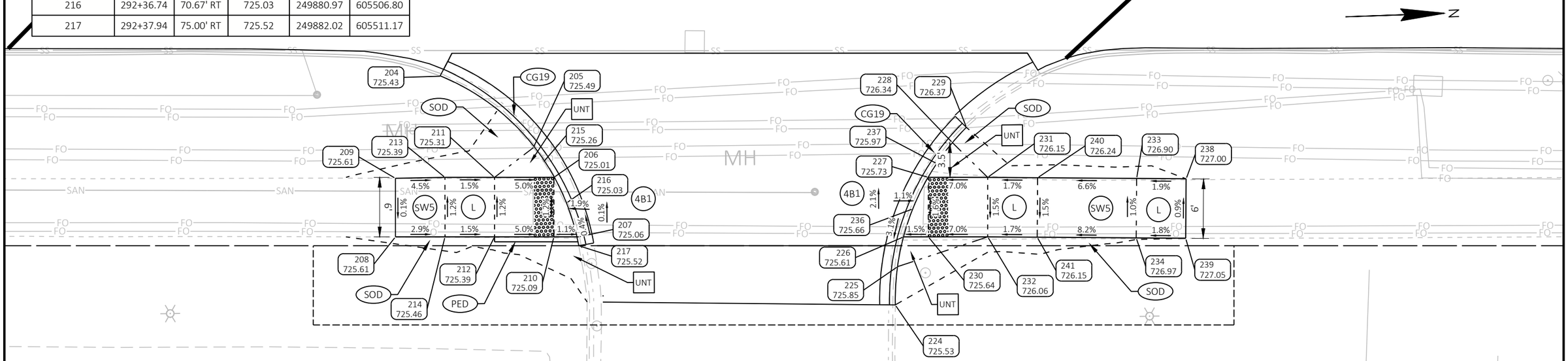
PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - DRIVEWAY STA 293+00 SW & NW	SHEET 163	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021307-CR_DREXELAVE.DWG
LAYOUT NAME - 05
PLOT DATE : 7/15/2026 2:49 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

DRIVEWAY STA 293 SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
204	292+24.07	57.90' RT	725.43	249868.78	605493.58
205	292+33.36	65.11' RT	725.49	249877.80	605501.12
206	292+35.43	68.11' RT	725.01	249879.76	605504.19
207	292+37.95	74.11' RT	725.06	249882.06	605510.28
208	292+19.43	74.11' RT	725.61	249863.56	605509.61
209	292+19.43	68.20' RT	725.61	249863.77	605503.71
210	292+35.43	74.11' RT	725.09	249879.55	605510.19
211	292+29.43	68.11' RT	725.31	249873.77	605503.97
212	292+29.43	74.11' RT	725.39	249873.55	605509.97
213	292+24.43	68.11' RT	725.39	249868.77	605503.79
214	292+24.43	74.11' RT	725.46	249868.55	605509.79
215	292+34.41	66.52' RT	725.26	249878.80	605502.56
216	292+36.74	70.67' RT	725.03	249880.97	605506.80
217	292+37.94	75.00' RT	725.52	249882.02	605511.17

DRIVEWAY STA 293 NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
224	292+69.91	80.97' RT	725.53	249913.76	605518.29
225	292+70.16	77.11' RT	725.85	249914.15	605514.43
226	292+70.77	74.11' RT	725.61	249914.86	605511.46
227	292+73.25	68.11' RT	725.73	249917.56	605505.55
228	292+75.69	64.61' RT	726.34	249920.12	605502.14
229	292+77.10	63.06' RT	726.37	249921.58	605500.65
230	292+73.25	74.11' RT	725.64	249917.34	605511.55
231	292+79.25	68.11' RT	726.15	249923.55	605505.77
232	292+79.25	74.11' RT	726.06	249923.34	605511.76
233	292+94.29	68.21' RT	726.90	249938.58	605506.42
234	292+94.25	74.21' RT	726.97	249938.32	605512.41

DRIVEWAY STA 293 NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
236	292+71.68	71.29' RT	725.66	249915.88	605508.67
237	292+74.10	66.71' RT	725.97	249918.46	605504.19
238	292+99.29	68.25' RT	727.00	249943.58	605506.63
239	292+99.25	74.25' RT	727.05	249943.32	605512.63
240	292+84.29	68.14' RT	726.24	249928.59	605505.98
241	292+84.25	74.14' RT	726.15	249928.33	605511.98



NOTES:

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ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

LEGEND

- X — CURB RAMP TYPE
- PED — CONCRETE CURB PEDESTRIAN
- SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- SW5 — CONCRETE SIDEWALK 5-INCH
- ASPH — ASPHALTIC SURFACE SAFETY ISLANDS
- L — LANDING
- UNT — UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- PT — CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
- XXXX YYY.YY — POINT NUMBER & ELEVATION
- GRADE BREAKLINE
- B — PEDESTRIAN PUSH BUTTON
- DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
- CG19 — CONCRETE CURB & GUTTER 19-INCH
- CG30G — CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
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- CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- CG31 — CONCRETE CURB & GUTTER 31-INCH
- CA — CONCRETE CURB TYPE A

MANITOBA ISLAND NORTH					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
252	308+38.01	1.68' RT	724.06	251483.69	605495.48
253	308+44.03	1.60' RT	723.97	251489.71	605495.61
254	308+49.81	2.40' LT	724.26	251495.63	605491.83
255	308+43.99	1.48' LT	723.86	251489.78	605492.53
256	308+37.98	0.32' LT	723.97	251483.74	605493.48
257	308+34.56	0.45' RT	724.55	251480.29	605494.12
258	308+38.07	6.38' RT	724.27	251483.59	605500.17
259	308+44.09	6.30' RT	724.18	251489.61	605500.31
260	308+37.57	6.45' RT	724.77	251483.09	605500.23
261	308+44.59	6.28' RT	724.68	251490.11	605500.31
266	308+34.71	12.45' RT	724.68	251480.01	605506.12
267	308+38.17	13.22' RT	724.17	251483.44	605507.01
268	308+44.20	14.08' RT	724.06	251489.43	605508.09
269	308+48.66	14.33' RT	724.51	251493.88	605508.50
270	308+44.19	13.13' RT	724.08	251489.45	605507.14

LEGEND

- X — CURB RAMP TYPE
- PED — CONCRETE CURB PEDESTRIAN
- SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- SW5 — CONCRETE SIDEWALK 5-INCH
- ASPH — ASPHALTIC SURFACE SAFETY ISLANDS
- L — LANDING
- UNT — UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- PT — CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
- XXXX YYY.YY — POINT NUMBER & ELEVATION
- GRADE BREAKLINE
- B — PEDESTRIAN PUSH BUTTON
- DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
- CG19 — CONCRETE CURB & GUTTER 19-INCH
- CG30G — CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
- CG30R — CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
- CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- CG31 — CONCRETE CURB & GUTTER 31-INCH
- CA — CONCRETE CURB TYPE A

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

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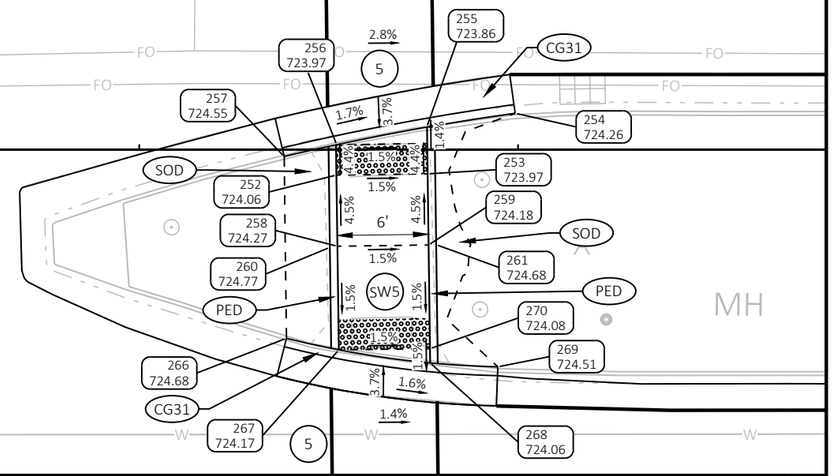
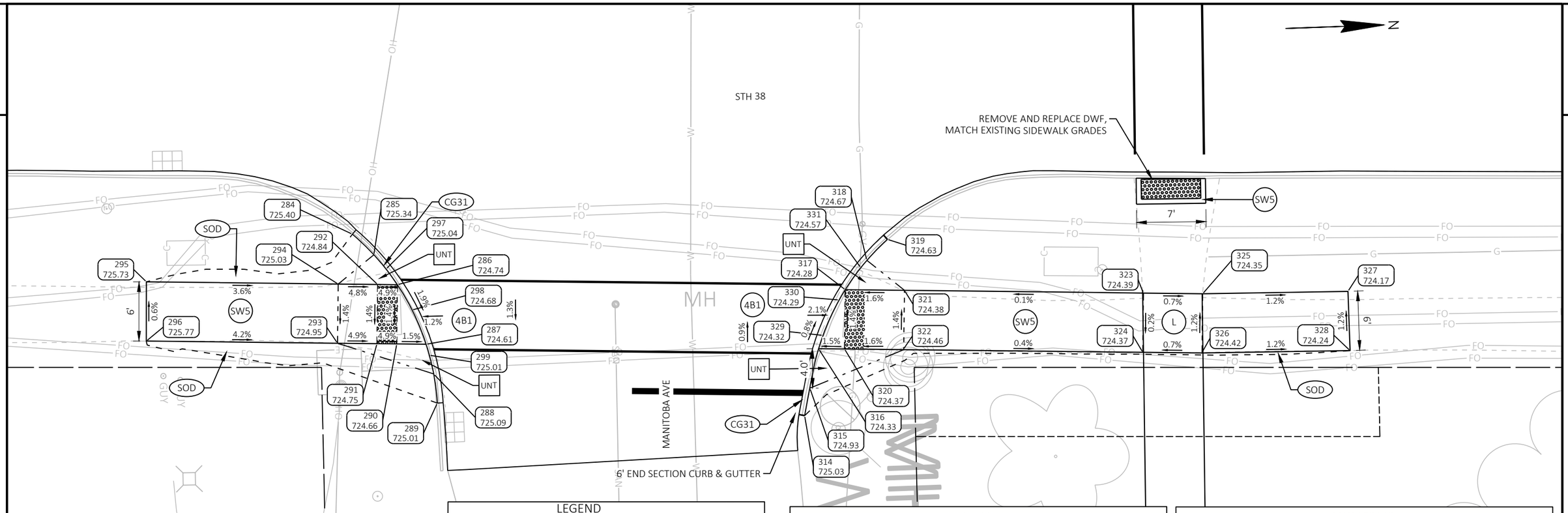


PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - MANITOBA AVE ISLAND NORTH	SHEET 165 E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021307-CR_DREXELAVE.DWG
LAYOUT NAME - 07
PLOT DATE : 7/15/2026 2:50 PM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1 IN:10 FT



MANITOBA SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
284	307+58.89	61.52' RT	725.40	251402.47	605552.43
285	307+61.06	63.61' RT	725.34	251404.57	605554.59
286	307+63.44	66.63' RT	724.74	251406.84	605557.70
287	307+66.35	72.67' RT	724.61	251409.53	605563.84
288	307+67.12	75.68' RT	725.09	251410.19	605566.87
289	307+67.49	78.62' RT	725.01	251410.45	605569.82
290	307+63.38	72.63' RT	724.66	251406.56	605563.69
291	307+61.37	72.61' RT	724.75	251404.56	605563.60
292	307+61.44	66.62' RT	724.84	251404.84	605557.62
293	307+57.38	72.56' RT	724.95	251400.57	605563.41
294	307+57.44	66.57' RT	725.03	251400.84	605557.43
295	307+38.03	66.35' RT	725.73	251381.45	605556.50
296	307+38.02	72.34' RT	725.77	251381.23	605562.49
297	307+62.30	65.05' RT	725.04	251405.75	605556.08
298	307+64.93	69.19' RT	724.68	251408.23	605560.31
299	307+66.69	73.77' RT	725.01	251409.82	605564.96

LEGEND

- X — CURB RAMP TYPE
- PED — CONCRETE CURB PEDESTRIAN
- SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- SW5 — CONCRETE SIDEWALK 5-INCH
- ASPH — ASPHALTIC SURFACE SAFETY ISLANDS
- LL — LEVEL LANDING
- UNT — UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- PT — CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
- XXXX YYY.YY — POINT NUMBER & ELEVATION
- GRADE BREAKLINE
- B — PEDESTRIAN PUSH BUTTON
- DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
- CG19 — CONCRETE CURB & GUTTER 19-INCH
- CG30G — CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
- CG30R — CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
- CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- CG31 — CONCRETE CURB & GUTTER 31-INCH
- CA — CONCRETE CURB TYPE A

MANITOBA NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
314	308+04.68	79.88' RT	725.03	251447.57	605572.43
315	308+05.21	77.11' RT	724.93	251448.20	605569.67
316	308+06.09	73.11' RT	724.33	251449.23	605565.71
317	308+08.79	67.14' RT	724.28	251452.14	605559.84
318	308+10.98	64.17' RT	724.67	251454.43	605556.95
319	308+13.06	62.04' RT	724.63	251456.59	605554.90
320	308+08.72	73.14' RT	724.37	251451.85	605565.84
321	308+14.78	67.21' RT	724.38	251458.12	605560.13
322	308+14.69	73.16' RT	724.46	251457.82	605566.07
323	308+38.98	67.49' RT	724.39	251482.30	605561.28

MANITOBA NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
324	308+38.92	73.48' RT	724.37	251482.02	605567.26
325	308+44.98	67.56' RT	724.35	251488.29	605561.56
326	308+44.92	73.49' RT	724.42	251488.02	605567.49
327	308+59.69	67.31' RT	724.17	251503.00	605561.84
328	308+59.91	73.30' RT	724.24	251503.00	605567.84
329	308+06.53	71.76' RT	724.32	251449.71	605564.38
330	308+08.17	68.18' RT	724.29	251451.48	605560.86
331	308+10.36	64.91' RT	724.57	251453.79	605557.67

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

THE ENGINEER MAY ADJUST CURB RAMP ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE REQUIREMENTS OF THE STANDARD DETAILS.

DASHED SIDEWALK JOINT LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATIONAL PURPOSES ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.

SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - MANITOBA AVE SE & NE	SHEET 166	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021307-CR_DREXELAVE.DWG
LAYOUT NAME - 08
PLOT DATE : 7/15/2026 2:50 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

MARQUETTE SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
346	316+00.29	55.77' LT	731.92	252247.45	605465.20
347	316+03.22	55.77' LT	732.02	252250.38	605465.30
348	316+06.21	55.96' LT	731.83	252253.38	605465.21
349	316+12.20	57.48' LT	731.94	252259.42	605463.89
350	316+15.22	58.91' LT	732.25	252262.48	605462.56
351	316+20.33	62.77' LT	732.19	252267.72	605458.89
352	316+22.80	65.62' LT	731.87	252270.29	605456.12
353	316+26.05	71.62' LT	731.74	252273.74	605450.23
354	316+26.95	74.62' LT	731.79	252274.74	605447.26
355	316+27.56	79.64' LT	731.46	252275.52	605442.27
356	316+06.22	57.48' LT	731.85	252253.43	605463.69
357	316+06.22	65.62' LT	731.97	252253.71	605455.56
358	316+12.22	65.62' LT	732.06	252259.71	605455.76
359	316+06.22	71.62' LT	732.06	252253.92	605449.56
360	316+12.22	71.62' LT	732.15	252259.91	605449.76
361	316+22.80	71.62' LT	731.78	252270.49	605450.12
362	315+89.67	61.03' LT	731.57	252237.02	605459.58
363	315+88.35	67.02' LT	731.58	252235.91	605453.55
364	316+20.80	71.62' LT	731.82	252268.50	605450.05
365	316+20.81	65.62' LT	731.91	252268.29	605456.05
366	316+25.60	70.49' LT	731.76	252273.25	605451.35

MARQUETTE ISLAND SOUTH					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
424	315+92.13	14.37' LT	732.68	252237.89	605506.29
425	316+06.22	14.33' LT	733.03	252251.96	605506.81
426	316+12.22	14.33' LT	733.12	252257.96	605507.02
427	316+15.36	13.36' LT	733.63	252261.06	605508.10
428	316+06.22	8.45' LT	733.38	252251.76	605512.69
429	316+12.22	8.45' LT	733.47	252257.76	605512.90
434	316+02.86	0.58' RT	733.87	252248.10	605521.60
435	316+06.22	0.42' LT	733.69	252251.49	605520.72
436	316+12.21	2.58' LT	733.82	252257.56	605518.77
437	316+14.70	4.01' LT	734.32	252260.08	605517.42
438	316+06.22	2.57' LT	733.72	252251.56	605518.57
439	316+05.72	8.47' LT	733.88	252251.27	605512.65
440	316+12.72	8.53' LT	733.96	252258.26	605512.84
441	316+06.22	4.58' LT	733.61	252251.63	605516.56
442	316+12.21	4.58' LT	733.70	252257.62	605516.77
443	316+13.56	3.26' LT	734.35	252258.93	605518.13

LEGEND

- X — CURB RAMP TYPE
- PED — CONCRETE CURB PEDESTRIAN
- SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- SW5 — CONCRETE SIDEWALK 5-INCH
- ASPH — ASPHALTIC SURFACE SAFETY ISLANDS
- LL — LEVEL LANDING
- UNT — UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- PT — CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
- XXXX YYY.YY — POINT NUMBER & ELEVATION
- GRADE BREAKLINE
- PEDESTRIAN PUSH BUTTON
- DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
- CG19 — CONCRETE CURB & GUTTER 19-INCH
- CG30G — CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
- CG30R — CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
- CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- CG31 — CONCRETE CURB & GUTTER 31-INCH
- CA — CONCRETE CURB TYPE A

NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

THE ENGINEER MAY ADJUST CURB RAMP ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE REQUIREMENTS OF THE STANDARD DETAILS.

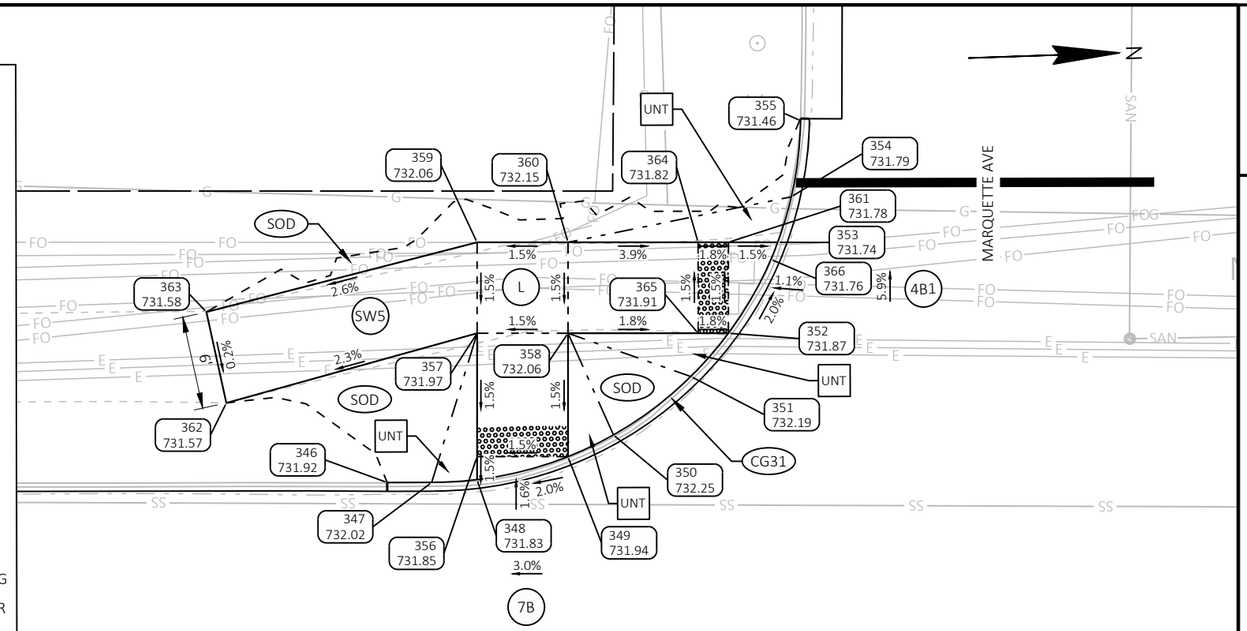
DASHED SIDEWALK JOINT LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATIONAL PURPOSES ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.

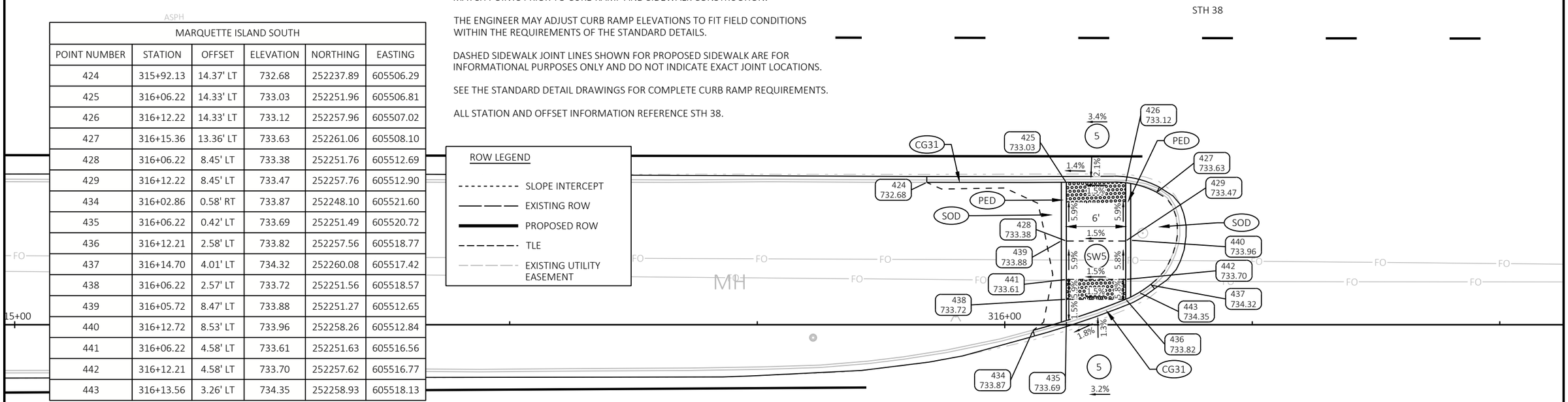
SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

ROW LEGEND

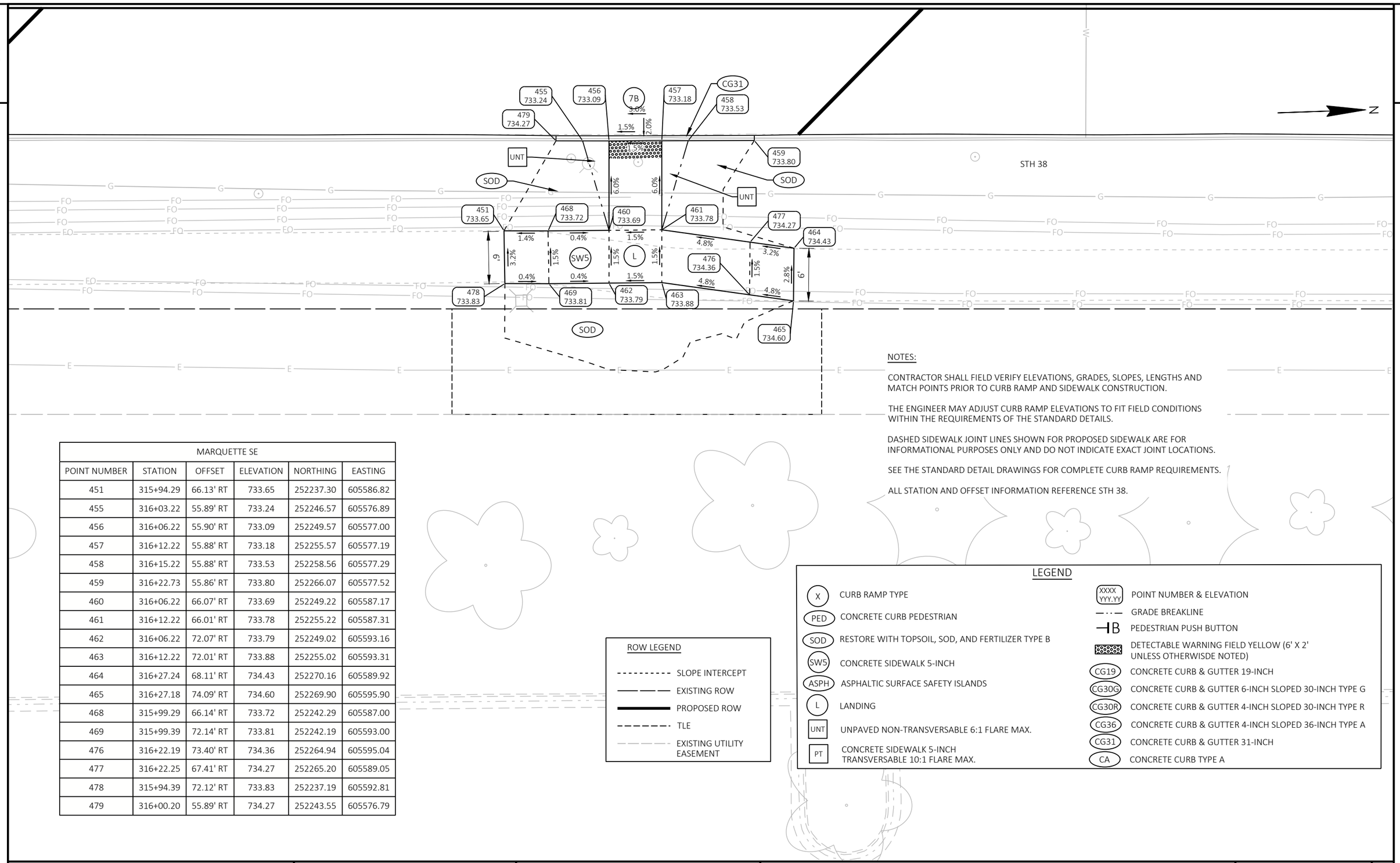
- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT





PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - MARQUETTE AVE SW & ISLAND SOUTH	SHEET 167	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021307-CR_DREXELAVE.DWG
LAYOUT NAME - 09
PLOT DATE : 7/15/2026 2:50 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN : 10 FT
WISDOT/CADDS SHEET 42



NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

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SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

MARQUETTE SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
451	315+94.29	66.13' RT	733.65	252237.30	605586.82
455	316+03.22	55.89' RT	733.24	252246.57	605576.89
456	316+06.22	55.90' RT	733.09	252249.57	605577.00
457	316+12.22	55.88' RT	733.18	252255.57	605577.19
458	316+15.22	55.88' RT	733.53	252258.56	605577.29
459	316+22.73	55.86' RT	733.80	252266.07	605577.52
460	316+06.22	66.07' RT	733.69	252249.22	605587.17
461	316+12.22	66.01' RT	733.78	252255.22	605587.31
462	316+06.22	72.07' RT	733.79	252249.02	605593.16
463	316+12.22	72.01' RT	733.88	252255.02	605593.31
464	316+27.24	68.11' RT	734.43	252270.16	605589.92
465	316+27.18	74.09' RT	734.60	252269.90	605595.90
468	315+99.29	66.14' RT	733.72	252242.29	605587.00
469	315+99.39	72.14' RT	733.81	252242.19	605593.00
476	316+22.19	73.40' RT	734.36	252264.94	605595.04
477	316+22.25	67.41' RT	734.27	252265.20	605589.05
478	315+94.39	72.12' RT	733.83	252237.19	605592.81
479	316+00.20	55.89' RT	734.27	252243.55	605576.79

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

LEGEND

- X — CURB RAMP TYPE
- PED — CONCRETE CURB PEDESTRIAN
- SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- SW5 — CONCRETE SIDEWALK 5-INCH
- ASPH — ASPHALTIC SURFACE SAFETY ISLANDS
- L — LANDING
- UNT — UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- PT — CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
- XXXX YYY.YY — POINT NUMBER & ELEVATION
- GRADE BREAKLINE
- B — PEDESTRIAN PUSH BUTTON
- DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
- CG19 — CONCRETE CURB & GUTTER 19-INCH
- CG30G — CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
- CG30R — CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
- CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- CG31 — CONCRETE CURB & GUTTER 31-INCH
- CA — CONCRETE CURB TYPE A

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - MARQUETTE AVE SE	SHEET 168	E

2

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

LEGEND

- X — CURB RAMP TYPE
- PED — CONCRETE CURB PEDESTRIAN
- SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- SW5 — CONCRETE SIDEWALK 5-INCH
- ASPH — ASPHALTIC SURFACE SAFETY ISLANDS
- LL — LEVEL LANDING
- UNT — UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- PT — CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
- XXXX YYY.YY — POINT NUMBER & ELEVATION
- GRADE BREAKLINE
- B — PEDESTRIAN PUSH BUTTON
- DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
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- CG30R — CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
- CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- CG31 — CONCRETE CURB & GUTTER 31-INCH
- CA — CONCRETE CURB TYPE A

MARQUETTE NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
385	316+72.89	78.78' LT	731.43	252320.80	605444.68
386	316+73.36	74.64' LT	731.98	252321.13	605448.83
387	316+74.19	71.64' LT	732.03	252321.85	605451.86
388	316+77.30	65.64' LT	732.15	252324.75	605457.96
389	316+80.96	61.62' LT	732.99	252328.27	605462.10
390	316+96.24	55.84' LT	734.72	252343.35	605468.40
391	317+17.59	55.71' LT	735.69	252364.68	605469.26
392	316+77.30	71.64' LT	732.06	252324.95	605451.96
393	316+83.30	71.64' LT	732.36	252330.95	605452.17
394	316+83.30	65.64' LT	732.44	252330.75	605458.16
395	317+07.66	71.62' LT	735.24	252355.30	605453.02
396	317+07.65	65.68' LT	735.19	252355.09	605458.95
397	317+12.66	71.61' LT	735.31	252360.29	605453.19
398	317+12.66	65.61' LT	735.27	252360.09	605459.19
399	316+87.42	57.62' LT	733.92	252334.60	605466.32
400	316+79.92	62.58' LT	732.76	252327.26	605461.11
401	316+74.82	69.99' LT	732.05	252322.43	605453.52

NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

THE ENGINEER MAY ADJUST CURB RAMP ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE REQUIREMENTS OF THE STANDARD DETAILS.

DASHED SIDEWALK JOINT LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATIONAL PURPOSES ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.

SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

N

MAX EXTENT FEASIBLE

385 731.43
392 732.06
386 731.98
UNT
387 732.03
401 732.05
4B1
393 732.36
SOD
SW5
395 735.24
L
397 735.31
388 732.15
394 732.44
396 735.19
398 735.27
UNT
389 732.99
SOD
400 732.76
390 734.72
391 735.69
CG31
399 733.92
MARQUETTE AVE
STH 38
11.8%
11.3%
1.5%
1.0%
4.9%
9.4%
1.2%
0.7%
0.8%
4.0'
4.1%

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - MARQUETTE AVE NW	SHEET 169	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021307-CR_DREXELAVE.DWG
LAYOUT NAME - 11
PLOT DATE : 7/15/2026 2:51 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

LEGEND

- X — CURB RAMP TYPE
- PED — CONCRETE CURB PEDESTRIAN
- SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- SW5 — CONCRETE SIDEWALK 5-INCH
- ASPH — ASPHALTIC SURFACE SAFETY ISLANDS
- L — LANDING
- UNT — UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- PT — CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
- XXXX YYY.YY — POINT NUMBER & ELEVATION
- GRADE BREAKLINE
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- DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
- CG19 — CONCRETE CURB & GUTTER 19-INCH
- CG30G — CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
- CG30R — CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
- CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- CG31 — CONCRETE CURB & GUTTER 31-INCH
- CA — CONCRETE CURB TYPE A

NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

THE ENGINEER MAY ADJUST CURB RAMP ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE REQUIREMENTS OF THE STANDARD DETAILS.

DASHED SIDEWALK JOINT LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATIONAL PURPOSES ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.

SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

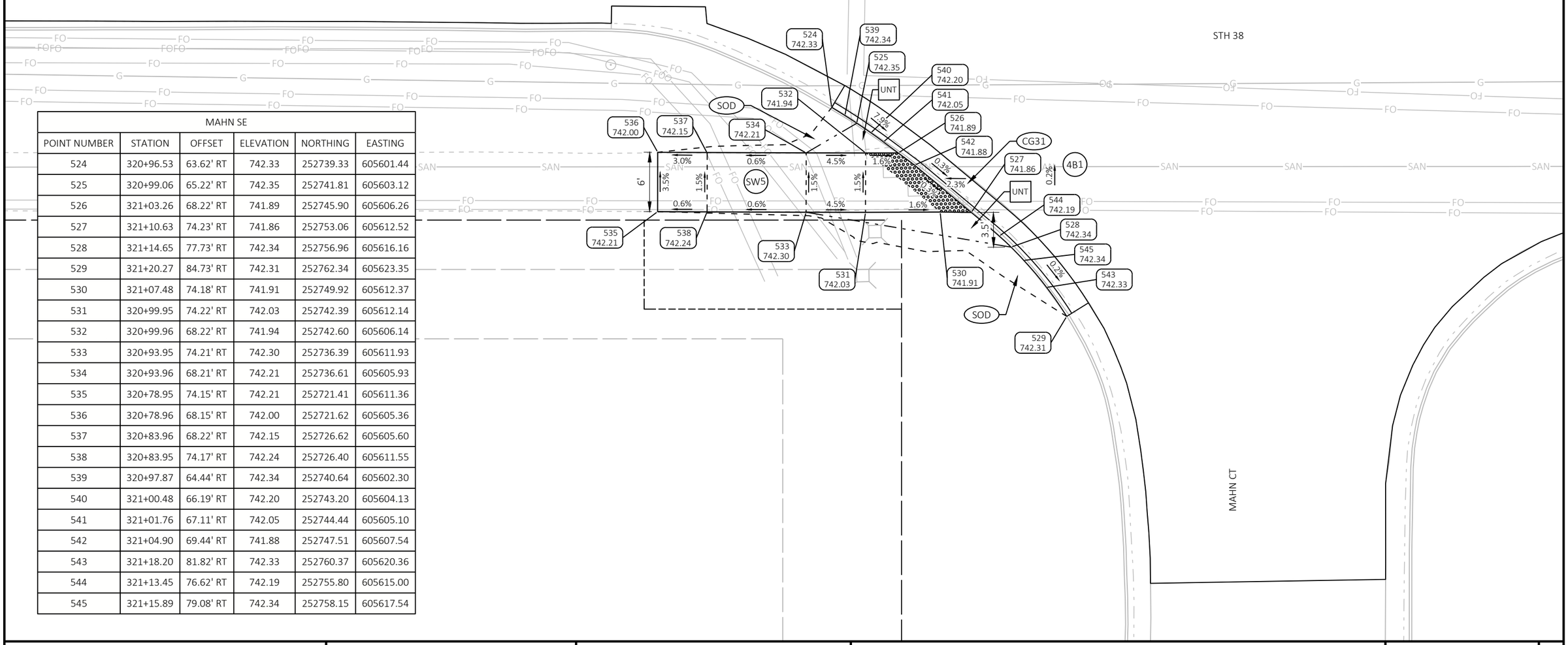
ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

RADIAL DWF TABLE			
BOC RADIUS	LANDING LENGTH	DWF AREA (SF)	RADIAL LONG CHORD
185.8'	10.7'	19.12	9.5'

MAHN SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
524	320+96.53	63.62' RT	742.33	252739.33	605601.44
525	320+99.06	65.22' RT	742.35	252741.81	605603.12
526	321+03.26	68.22' RT	741.89	252745.90	605606.26
527	321+10.63	74.23' RT	741.86	252753.06	605612.52
528	321+14.65	77.73' RT	742.34	252756.96	605616.16
529	321+20.27	84.73' RT	742.31	252762.34	605623.35
530	321+07.48	74.18' RT	741.91	252749.92	605612.37
531	320+99.95	74.22' RT	742.03	252742.39	605612.14
532	320+99.96	68.22' RT	741.94	252742.60	605606.14
533	320+93.95	74.21' RT	742.30	252736.39	605611.93
534	320+93.96	68.21' RT	742.21	252736.61	605605.93
535	320+78.95	74.15' RT	742.21	252721.41	605611.36
536	320+78.96	68.15' RT	742.00	252721.62	605605.36
537	320+83.96	68.22' RT	742.15	252726.62	605605.60
538	320+83.95	74.17' RT	742.24	252726.40	605611.55
539	320+97.87	64.44' RT	742.34	252740.64	605602.30
540	321+00.48	66.19' RT	742.20	252743.20	605604.13
541	321+01.76	67.11' RT	742.05	252744.44	605605.10
542	321+04.90	69.44' RT	741.88	252747.51	605607.54
543	321+18.20	81.82' RT	742.33	252760.37	605620.36
544	321+13.45	76.62' RT	742.19	252755.80	605615.00
545	321+15.89	79.08' RT	742.34	252758.15	605617.54



PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - MAHN CT SE	SHEET 170	E

NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

THE ENGINEER MAY ADJUST CURB RAMP ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE REQUIREMENTS OF THE STANDARD DETAILS.

DASHED SIDEWALK JOINT LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATIONAL PURPOSES ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.

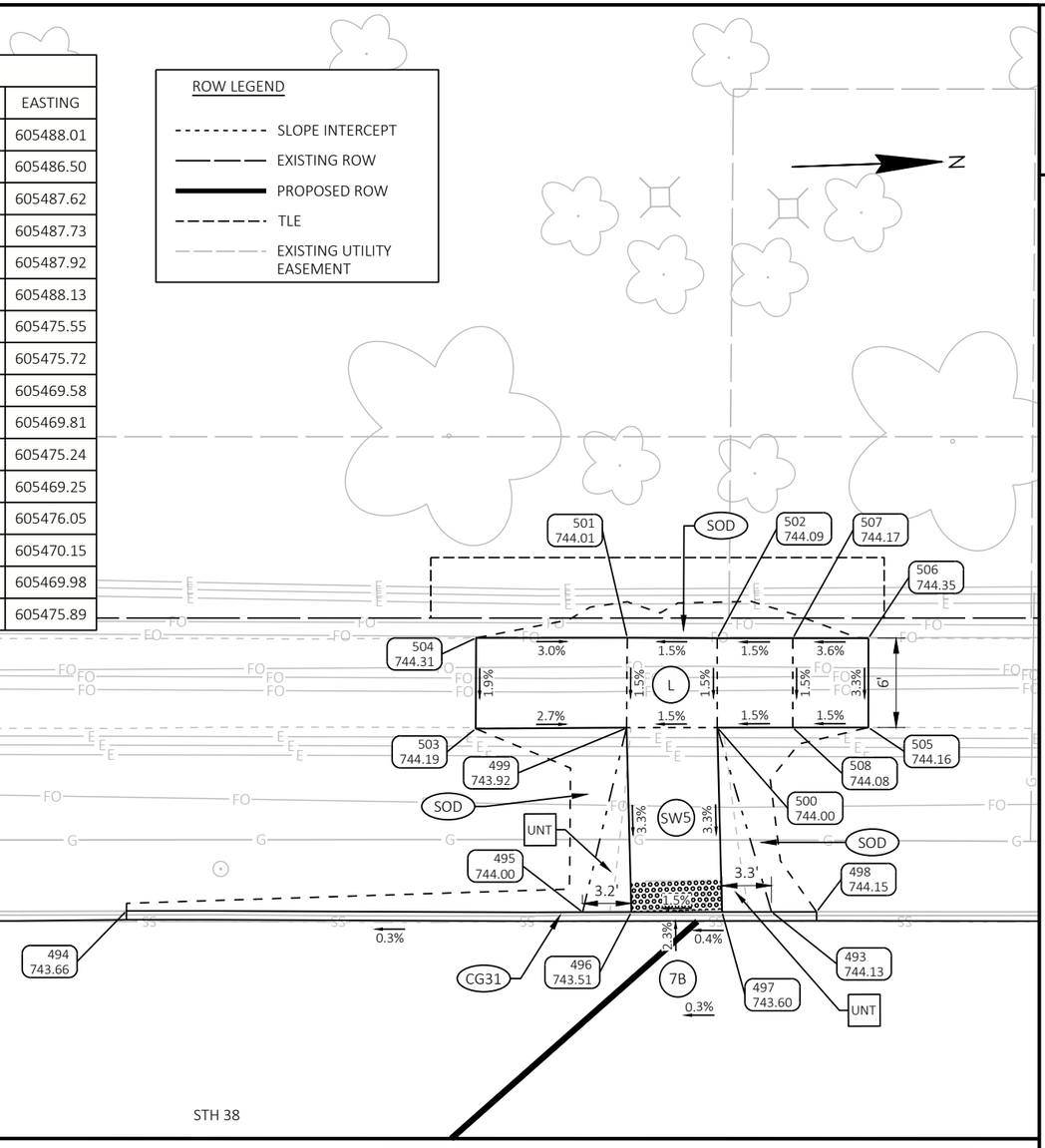
SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

MAHN NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
493	322+63.88	55.57' LT	744.13	252910.65	605488.01
494	322+21.19	55.63' LT	743.66	252867.99	605486.50
495	322+51.38	55.54' LT	744.00	252898.16	605487.62
496	322+54.61	55.55' LT	743.51	252901.38	605487.73
497	322+60.61	55.55' LT	743.60	252907.38	605487.92
498	322+66.87	55.56' LT	744.15	252913.64	605488.13
499	322+54.29	67.72' LT	743.92	252901.48	605475.55
500	322+60.30	67.75' LT	744.00	252907.48	605475.72
501	322+54.34	73.69' LT	744.01	252901.73	605469.58
502	322+60.30	73.67' LT	744.09	252907.69	605469.81
503	322+44.31	67.68' LT	744.19	252891.50	605475.24
504	322+44.34	73.68' LT	744.31	252891.74	605469.25
505	322+70.30	67.76' LT	744.16	252917.48	605476.05
506	322+70.30	73.66' LT	744.35	252917.68	605470.15
507	322+65.30	73.67' LT	744.17	252912.68	605469.98
508	322+65.30	67.76' LT	744.08	252912.48	605475.89

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT



LEGEND

- X — CURB RAMP TYPE
- PED — CONCRETE CURB PEDESTRIAN
- SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- SW5 — CONCRETE SIDEWALK 5-INCH
- ASPH — ASPHALTIC SURFACE SAFETY ISLANDS
- L — LANDING
- UNT — UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- PT — CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
- XXXX YYY.YY — POINT NUMBER & ELEVATION
- GRADE BREAKLINE
- B — PEDESTRIAN PUSH BUTTON
- DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
- CG19 — CONCRETE CURB & GUTTER 19-INCH
- CG30G — CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
- CG30R — CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
- CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- CG31 — CONCRETE CURB & GUTTER 31-INCH
- CA — CONCRETE CURB TYPE A

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - MAHN CT NW	SHEET 171	E

NOTES:

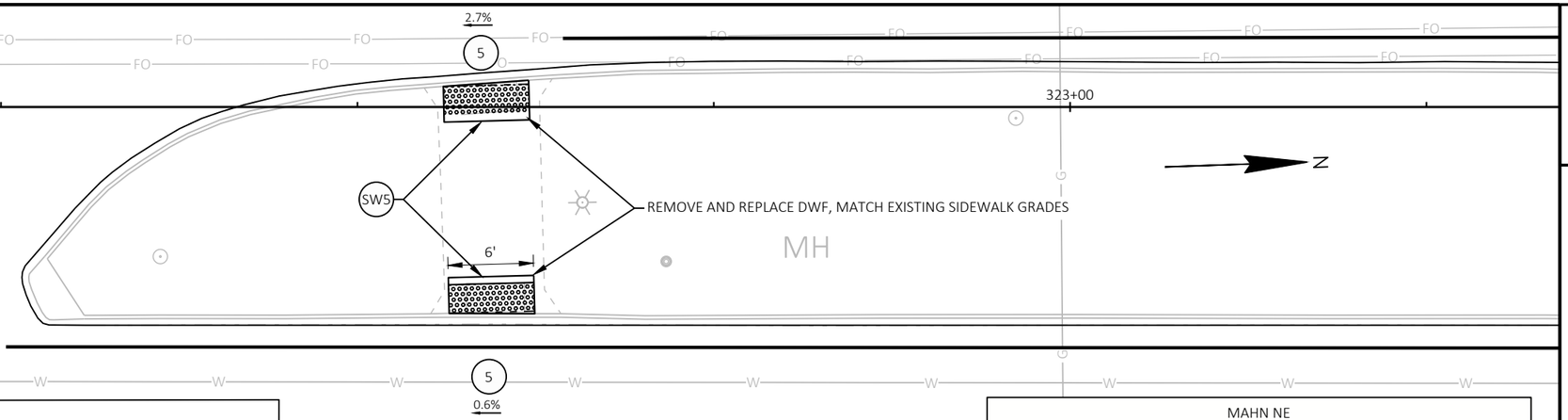
CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

THE ENGINEER MAY ADJUST CURB RAMP ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE REQUIREMENTS OF THE STANDARD DETAILS.

DASHED SIDEWALK JOINT LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATIONAL PURPOSES ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.

SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.



LEGEND

- X — CURB RAMP TYPE
- PED — CONCRETE CURB PEDESTRIAN
- SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- SW5 — CONCRETE SIDEWALK 5-INCH
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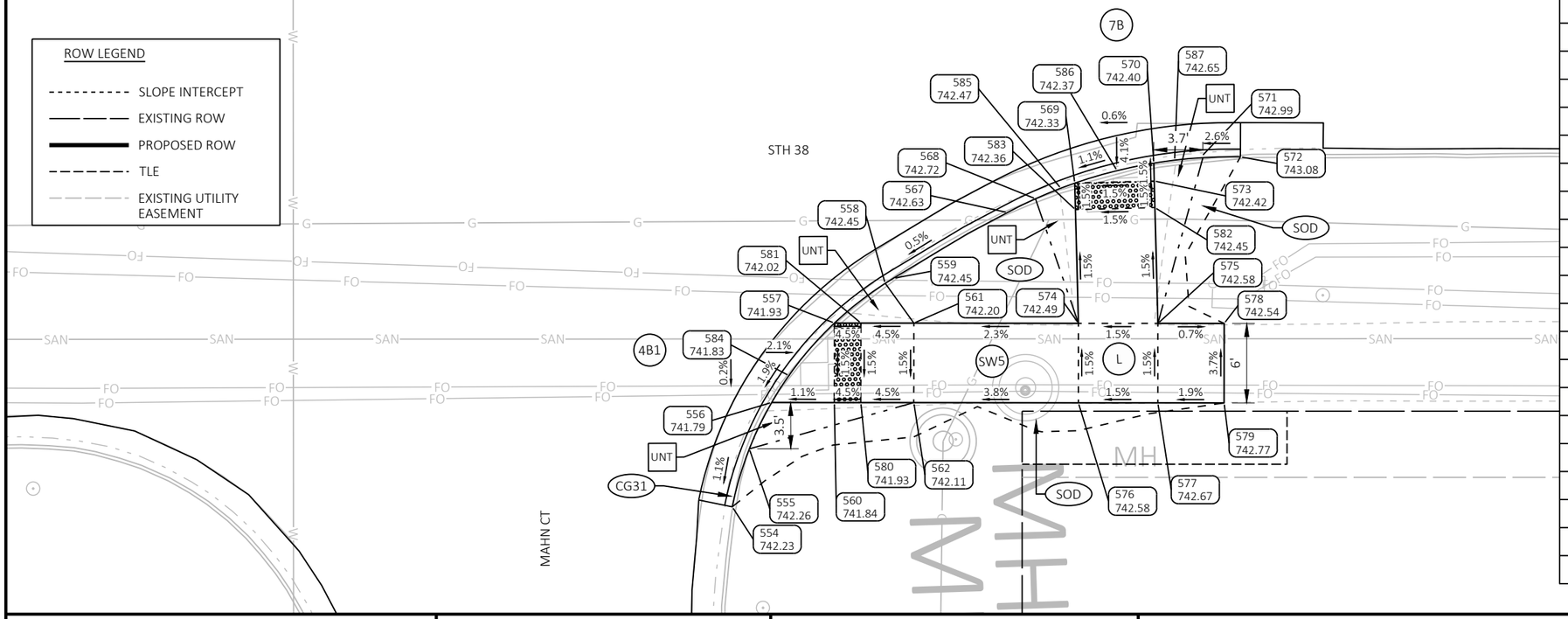
- CG30R — CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
- CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- CG31 — CONCRETE CURB & GUTTER 31-INCH
- CA — CONCRETE CURB TYPE A

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT



MAHN NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
554	322+31.71	82.22' RT	742.23	252873.80	605624.63
555	322+33.00	77.84' RT	742.26	252875.24	605620.30
556	322+34.68	74.35' RT	741.79	252877.04	605616.86
557	322+39.42	68.35' RT	741.93	252881.98	605611.03
558	322+43.26	65.36' RT	742.45	252885.92	605608.18
559	322+43.89	64.96' RT	742.45	252886.56	605607.80
560	322+39.42	74.35' RT	741.84	252881.77	605617.03
561	322+45.42	68.36' RT	742.20	252887.98	605611.24
562	322+45.42	74.36' RT	742.11	252887.77	605617.24
567	322+52.48	60.01' RT	742.63	252895.31	605603.14
568	322+54.60	58.97' RT	742.72	252897.47	605602.17
569	322+57.57	57.79' RT	742.33	252900.48	605601.10
570	322+63.53	56.28' RT	742.40	252906.49	605599.79
571	322+67.17	55.75' RT	742.99	252910.14	605599.39
572	322+70.08	55.80' RT	743.08	252913.05	605599.54
573	322+63.57	57.63' RT	742.42	252906.48	605601.15
574	322+57.85	68.37' RT	742.49	252900.39	605611.68
575	322+63.85	68.37' RT	742.58	252906.39	605611.88
576	322+57.84	74.37' RT	742.58	252900.18	605617.67
577	322+63.84	74.37' RT	742.67	252906.18	605617.89
578	322+68.85	68.38' RT	742.54	252911.39	605612.06
579	322+68.84	74.38' RT	742.77	252911.18	605618.06
580	322+41.42	74.35' RT	741.93	252883.77	605617.10
581	322+41.42	68.35' RT	742.02	252883.98	605611.10
582	322+63.62	59.64' RT	742.45	252906.46	605603.15
583	322+57.62	59.79' RT	742.36	252900.46	605603.10
584	322+35.98	72.31' RT	741.83	252878.41	605614.87
585	322+56.51	58.17' RT	742.47	252899.41	605601.45
586	322+60.74	56.85' RT	742.37	252903.68	605600.27
587	322+65.10	56.05' RT	742.65	252908.07	605599.62

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS-MAHN CT NE	SHEET 172	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021307-CR_DREXELAVE.DWG
LAYOUT NAME - 14
PLOT DATE : 7/15/2026 2:51 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

LEGEND

- X — CURB RAMP TYPE
- PED — CONCRETE CURB PEDESTRIAN
- SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- SW5 — CONCRETE SIDEWALK 5-INCH
- ASPH — ASPHALTIC SURFACE SAFETY ISLANDS
- L — LANDING
- UNT — UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
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- CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- CG31 — CONCRETE CURB & GUTTER 31-INCH
- CA — CONCRETE CURB TYPE A

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

THE ENGINEER MAY ADJUST CURB RAMP ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE REQUIREMENTS OF THE STANDARD DETAILS.

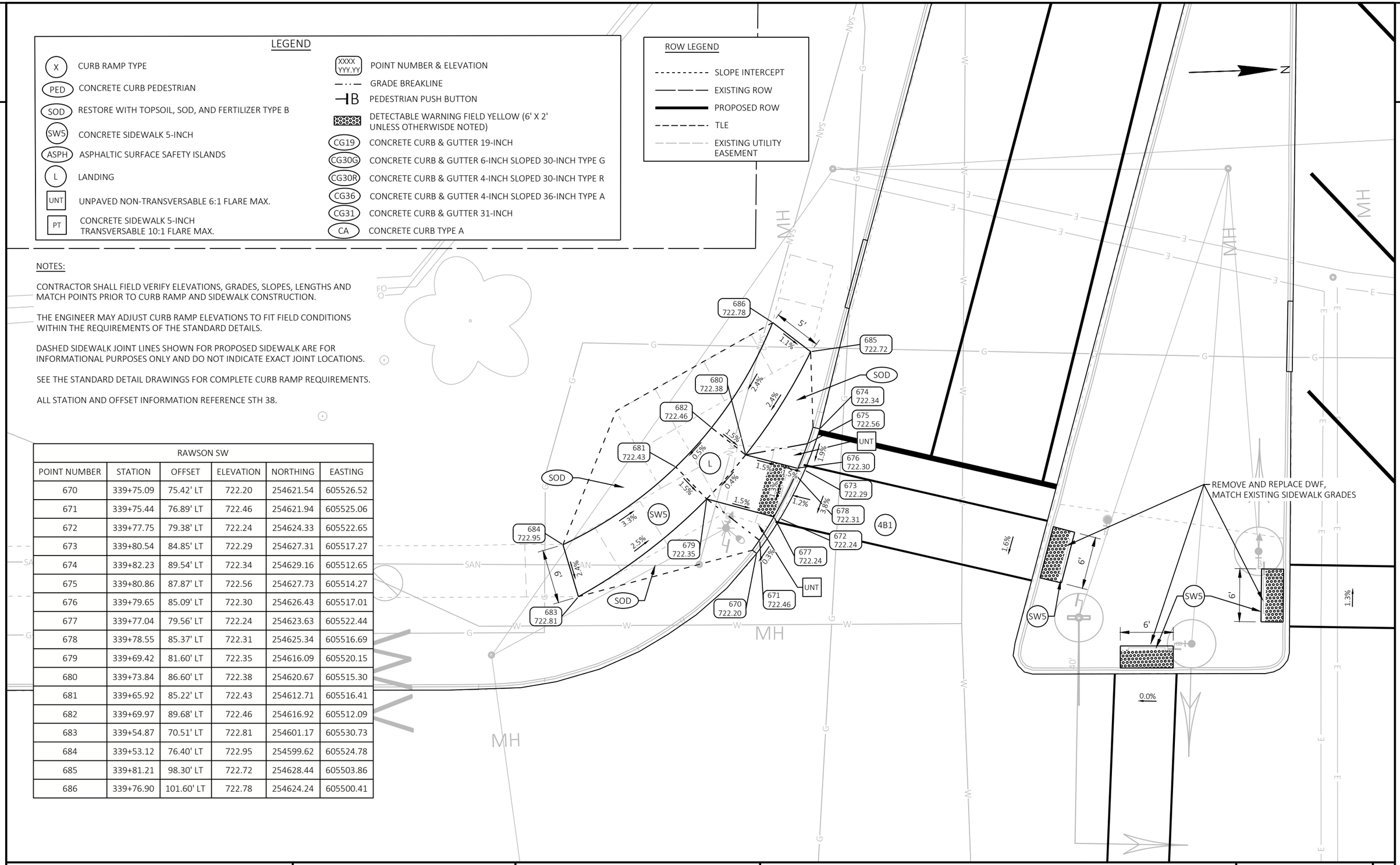
DASHED SIDEWALK JOINT LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATIONAL PURPOSES ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.

SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

RAWSON SW

POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
670	339+75.09	75.42' LT	722.20	254621.54	605526.52
671	339+75.44	76.89' LT	722.46	254621.94	605525.06
672	339+77.75	79.38' LT	722.24	254624.33	605522.65
673	339+80.54	84.85' LT	722.29	254627.31	605517.27
674	339+82.23	89.54' LT	722.34	254629.16	605512.65
675	339+80.86	87.87' LT	722.56	254627.73	605514.27
676	339+79.65	85.09' LT	722.30	254626.43	605517.01
677	339+77.04	79.56' LT	722.24	254623.63	605522.44
678	339+78.55	85.37' LT	722.31	254625.34	605516.69
679	339+69.42	81.60' LT	722.35	254616.09	605520.15
680	339+73.84	86.60' LT	722.38	254620.67	605515.30
681	339+65.92	85.22' LT	722.43	254612.71	605516.41
682	339+69.97	89.68' LT	722.46	254616.92	605512.09
683	339+54.87	70.51' LT	722.81	254601.17	605530.73
684	339+53.12	76.40' LT	722.95	254599.62	605524.78
685	339+81.21	98.30' LT	722.72	254628.44	605503.86
686	339+76.90	101.60' LT	722.78	254624.24	605500.41



PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - RAWSON AVE SW	SHEET 173	E

LEGEND

- X — CURB RAMP TYPE
- PED — CONCRETE CURB PEDESTRIAN
- SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- SW5 — CONCRETE SIDEWALK 5-INCH
- ASPH — ASPHALTIC SURFACE SAFETY ISLANDS
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- CG30G — CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
- CG30R — CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
- CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- CG31 — CONCRETE CURB & GUTTER 31-INCH
- CA — CONCRETE CURB TYPE A

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

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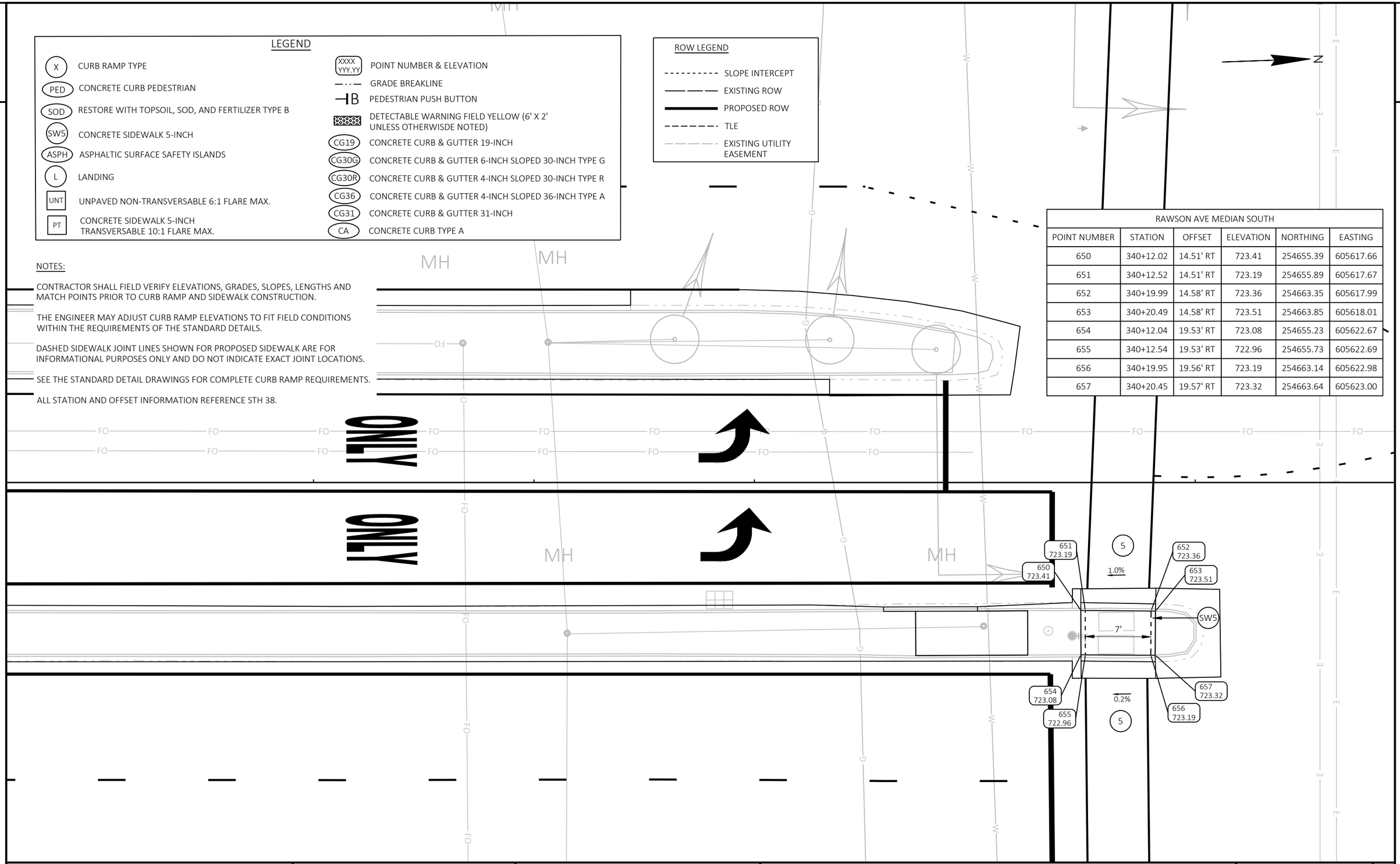
SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

RAWSON AVE MEDIAN SOUTH					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
650	340+12.02	14.51' RT	723.41	254655.39	605617.66
651	340+12.52	14.51' RT	723.19	254655.89	605617.67
652	340+19.99	14.58' RT	723.36	254663.35	605617.99
653	340+20.49	14.58' RT	723.51	254663.85	605618.01
654	340+12.04	19.53' RT	723.08	254655.23	605622.67
655	340+12.54	19.53' RT	722.96	254655.73	605622.69
656	340+19.95	19.56' RT	723.19	254663.14	605622.98
657	340+20.45	19.57' RT	723.32	254663.64	605623.00



PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - RAWSON AVE MEDIAN SOUTH	SHEET 174	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021308-CR_RAWSONAVE.DWG
LAYOUT NAME - 02
PLOT DATE : 7/15/2026 2:52 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

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ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

LEGEND

- X — CURB RAMP TYPE
- PED — CONCRETE CURB PEDESTRIAN
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- CA — CONCRETE CURB TYPE A

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

RAWSON ISLAND SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
073	340+22.49	62.64' RT	722.73	254664.20	605666.11
074	340+36.99	64.98' RT	722.99	254678.62	605668.95
075	340+37.18	71.99' RT	722.99	254678.58	605675.96
076	340+20.39	72.76' RT	722.65	254661.76	605676.16
077	340+10.46	62.68' RT	722.61	254652.18	605665.74
078	340+13.49	62.69' RT	722.38	254655.21	605665.86
079	340+19.49	62.65' RT	722.45	254661.20	605666.02
082	340+34.07	62.65' RT	722.89	254675.78	605666.52
083	340+37.06	65.48' RT	723.01	254678.67	605669.45
084	340+37.18	71.49' RT	722.75	254678.58	605675.46
085	340+37.19	72.47' RT	722.99	254678.57	605676.44
086	340+33.95	75.23' RT	722.89	254675.23	605679.09
087	340+22.85	73.21' RT	722.70	254664.20	605676.69
088	340+19.85	72.64' RT	722.40	254661.23	605676.02
089	340+13.99	71.60' RT	722.32	254655.41	605674.78
090	340+11.02	71.06' RT	722.41	254652.46	605674.13
091	340+13.50	64.69' RT	722.44	254655.15	605667.86
092	340+19.50	64.65' RT	722.49	254661.15	605668.02
093	340+20.00	64.17' RT	722.73	254661.66	605667.56
094	340+19.99	62.65' RT	722.69	254661.71	605666.04
098	340+35.06	65.39' RT	722.81	254676.68	605669.28
099	340+34.78	71.38' RT	722.86	254676.20	605675.27
102	340+20.26	70.71' RT	722.52	254661.70	605674.10
104	340+20.67	71.23' RT	722.74	254662.10	605674.63
105	340+14.35	69.63' RT	722.43	254655.84	605672.82
107	340+13.85	69.54' RT	722.45	254655.33	605672.71

RAWSON SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
120	340+08.34	100.09' RT	722.66	254648.79	605703.06
121	340+14.14	101.20' RT	722.62	254654.54	605704.36
122	340+07.41	105.96' RT	722.74	254647.66	605708.89
123	340+13.06	106.86' RT	722.71	254653.27	605709.98
124	340+02.47	105.17' RT	722.77	254642.75	605707.93
125	340+03.41	99.30' RT	722.68	254643.89	605702.10

STH 38

RAWSON AVE

PROJECT NO: 2060-20-70 | HWY: STH 38 | COUNTY: MILWAUKEE | CURB RAMP DETAILS - RAWSON AVE SE & ISLAND SOUTHEAST | SHEET 175 | E

RAWSON ISLAND NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
009	341+57.61	71.15' LT	723.17	254803.94	605537.14
010	341+60.63	72.80' LT	723.01	254807.02	605535.60
011	341+57.51	72.73' LT	722.78	254803.90	605535.56
012	341+51.09	71.94' LT	723.03	254797.45	605536.12
013	341+51.23	74.37' LT	723.13	254797.68	605533.69
014	341+45.78	75.26' LT	723.16	254792.27	605532.61
015	341+43.75	73.86' LT	723.19	254790.18	605533.94
016	341+43.74	72.04' LT	722.96	254790.11	605535.76
017	341+43.72	66.04' LT	723.05	254789.88	605541.75
018	341+43.72	64.10' LT	723.27	254789.80	605543.69
019	341+45.21	62.59' LT	723.27	254791.25	605545.25
020	341+49.97	62.61' LT	723.02	254796.00	605545.40
021	341+55.98	62.57' LT	723.03	254802.00	605545.66
022	341+56.49	64.06' LT	723.27	254802.57	605544.19
023	341+60.48	64.03' LT	723.33	254806.56	605544.36
024	341+59.99	64.54' LT	723.08	254806.08	605543.84
025	341+60.53	70.36' LT	723.22	254806.83	605538.04
027	341+58.16	73.22' LT	723.03	254804.57	605535.10
028	341+60.03	69.98' LT	722.97	254806.32	605538.40
039	341+57.67	73.30' LT	722.79	254804.08	605535.00
040	341+56.99	70.80' LT	722.92	254803.31	605537.47
041	341+55.99	64.57' LT	723.02	254802.09	605543.67
043	341+50.71	72.44' LT	723.28	254797.09	605535.60
044	341+51.20	72.36' LT	723.01	254797.58	605535.70
045	341+49.99	64.61' LT	723.11	254796.09	605543.40
047	341+45.75	72.51' LT	723.23	254792.14	605535.36
048	341+45.81	72.01' LT	722.98	254792.18	605535.86
049	341+45.72	66.01' LT	723.13	254791.88	605541.85
051	341+50.02	65.98' LT	723.12	254796.17	605542.04
052	341+49.49	65.46' LT	723.37	254795.63	605542.54
053	341+44.06	63.14' LT	723.31	254790.11	605544.66

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

LEGEND

- X — CURB RAMP TYPE
- PED — CONCRETE CURB PEDESTRIAN
- SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- SW5 — CONCRETE SIDEWALK 5-INCH
- ASPH — ASPHALTIC SURFACE SAFETY ISLANDS
- L — LANDING
- UNT — UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- PT — CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
- XXXX YYY.YY — POINT NUMBER & ELEVATION
- GRADE BREAKLINE
- PEDESTRIAN PUSH BUTTON
- DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
- CG19 — CONCRETE CURB & GUTTER 19-INCH
- CG30G — CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
- CG30R — CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
- CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- CG31 — CONCRETE CURB & GUTTER 31-INCH
- CA — CONCRETE CURB TYPE A

NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

THE ENGINEER MAY ADJUST CURB RAMP ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE REQUIREMENTS OF THE STANDARD DETAILS.

DASHED SIDEWALK JOINT LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATIONAL PURPOSES ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.

SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

RAWSON AVE

REMOVE AND REPLACE DWF, MATCH EXISTING SIDEWALK GRADES

STH 38

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - RAWSON AVE ISLAND NW	SHEET 176	E

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

LEGEND

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- PED — CONCRETE CURB PEDESTRIAN
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- CG30G — CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
- CG30R — CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
- CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- CG31 — CONCRETE CURB & GUTTER 31-INCH
- CA — CONCRETE CURB TYPE A

NOTES:

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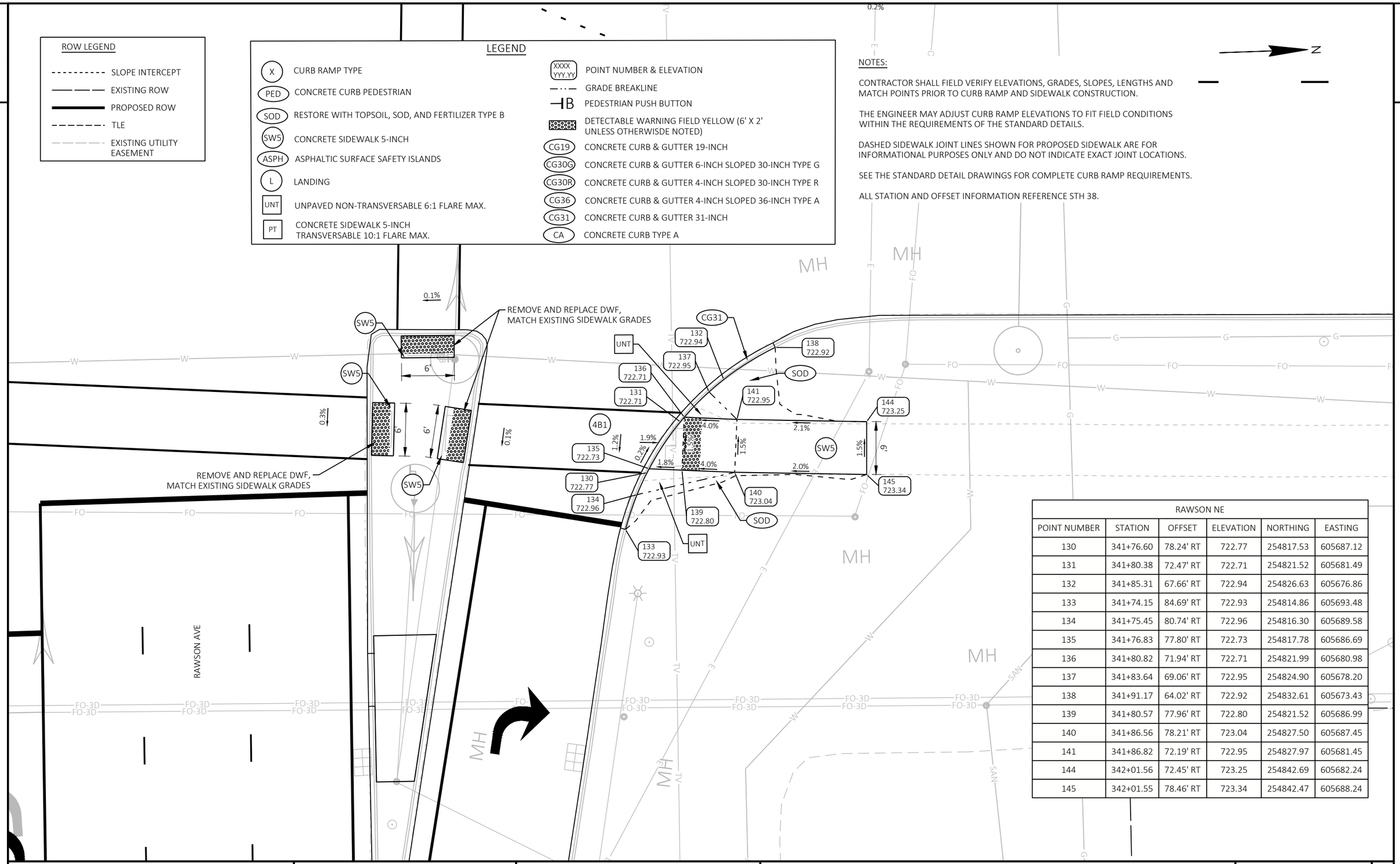
SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.



RAWSON NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
130	341+76.60	78.24' RT	722.77	254817.53	605687.12
131	341+80.38	72.47' RT	722.71	254821.52	605681.49
132	341+85.31	67.66' RT	722.94	254826.63	605676.86
133	341+74.15	84.69' RT	722.93	254814.86	605693.48
134	341+75.45	80.74' RT	722.96	254816.30	605689.58
135	341+76.83	77.80' RT	722.73	254817.78	605686.69
136	341+80.82	71.94' RT	722.71	254821.99	605680.98
137	341+83.64	69.06' RT	722.95	254824.90	605678.20
138	341+91.17	64.02' RT	722.92	254832.61	605673.43
139	341+80.57	77.96' RT	722.80	254821.52	605686.99
140	341+86.56	78.21' RT	723.04	254827.50	605687.45
141	341+86.82	72.19' RT	722.95	254827.97	605681.45
144	342+01.56	72.45' RT	723.25	254842.69	605682.24
145	342+01.55	78.46' RT	723.34	254842.47	605688.24

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - RAWSON AVE NE	SHEET 177	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021308-CR_RAWSONAVE.DWG
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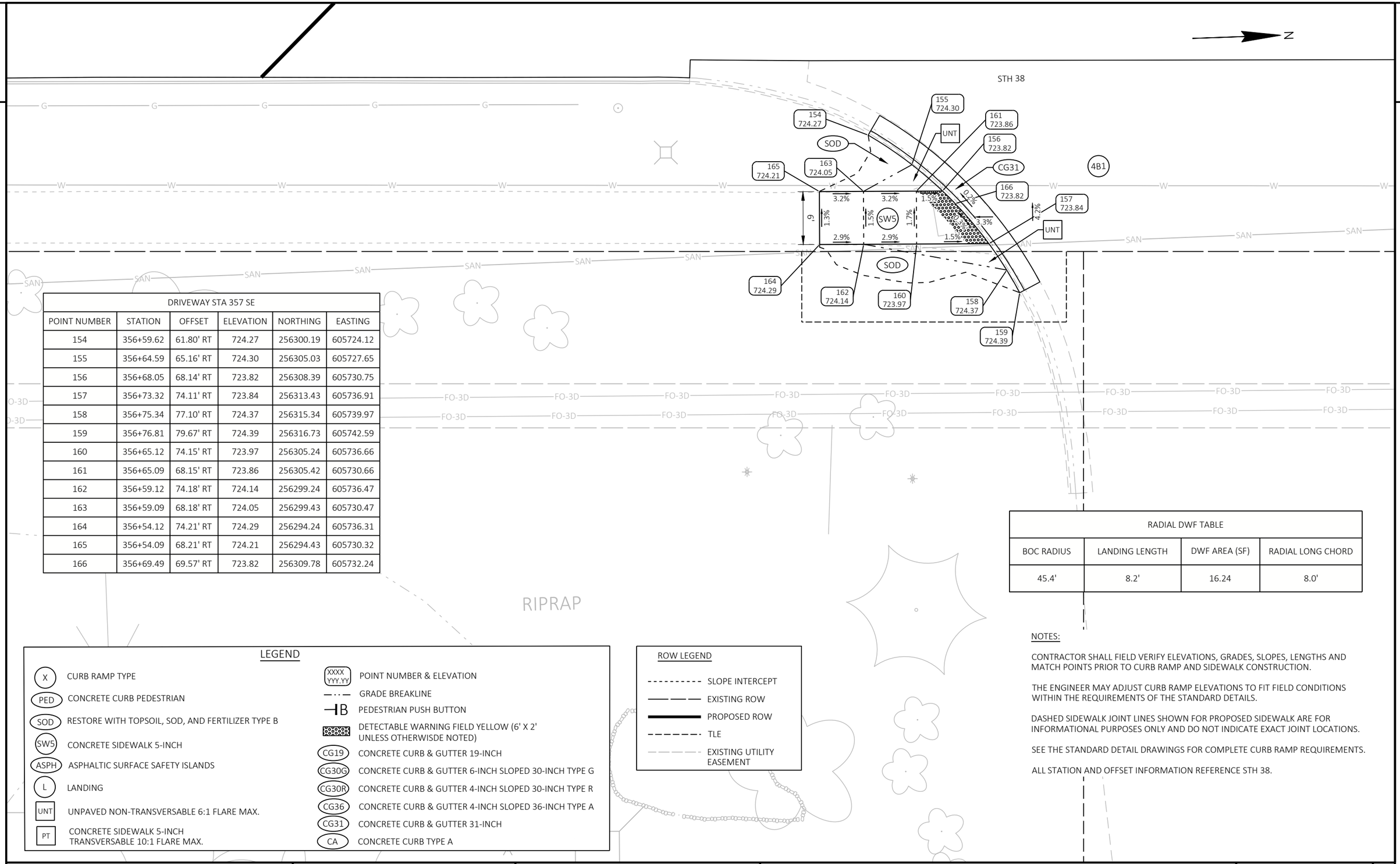
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT



DRIVEWAY STA 357 SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
154	356+59.62	61.80' RT	724.27	256300.19	605724.12
155	356+64.59	65.16' RT	724.30	256305.03	605727.65
156	356+68.05	68.14' RT	723.82	256308.39	605730.75
157	356+73.32	74.11' RT	723.84	256313.43	605736.91
158	356+75.34	77.10' RT	724.37	256315.34	605739.97
159	356+76.81	79.67' RT	724.39	256316.73	605742.59
160	356+65.12	74.15' RT	723.97	256305.24	605736.66
161	356+65.09	68.15' RT	723.86	256305.42	605730.66
162	356+59.12	74.18' RT	724.14	256299.24	605736.47
163	356+59.09	68.18' RT	724.05	256299.43	605730.47
164	356+54.12	74.21' RT	724.29	256294.24	605736.31
165	356+54.09	68.21' RT	724.21	256294.43	605730.32
166	356+69.49	69.57' RT	723.82	256309.78	605732.24

RADIAL DWF TABLE			
BOC RADIUS	LANDING LENGTH	DWF AREA (SF)	RADIAL LONG CHORD
45.4'	8.2'	16.24	8.0'

LEGEND

- X — CURB RAMP TYPE
- PED — CONCRETE CURB PEDESTRIAN
- SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- SW5 — CONCRETE SIDEWALK 5-INCH
- ASPH — ASPHALTIC SURFACE SAFETY ISLANDS
- L — LANDING
- UNT — UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- PT — CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
- XXXX YYY.YY — POINT NUMBER & ELEVATION
- GRADE BREAKLINE
- PEDESTRIAN PUSH BUTTON
- DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
- CG19 — CONCRETE CURB & GUTTER 19-INCH
- CG30G — CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
- CG30R — CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
- CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- CG31 — CONCRETE CURB & GUTTER 31-INCH
- CA — CONCRETE CURB TYPE A

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

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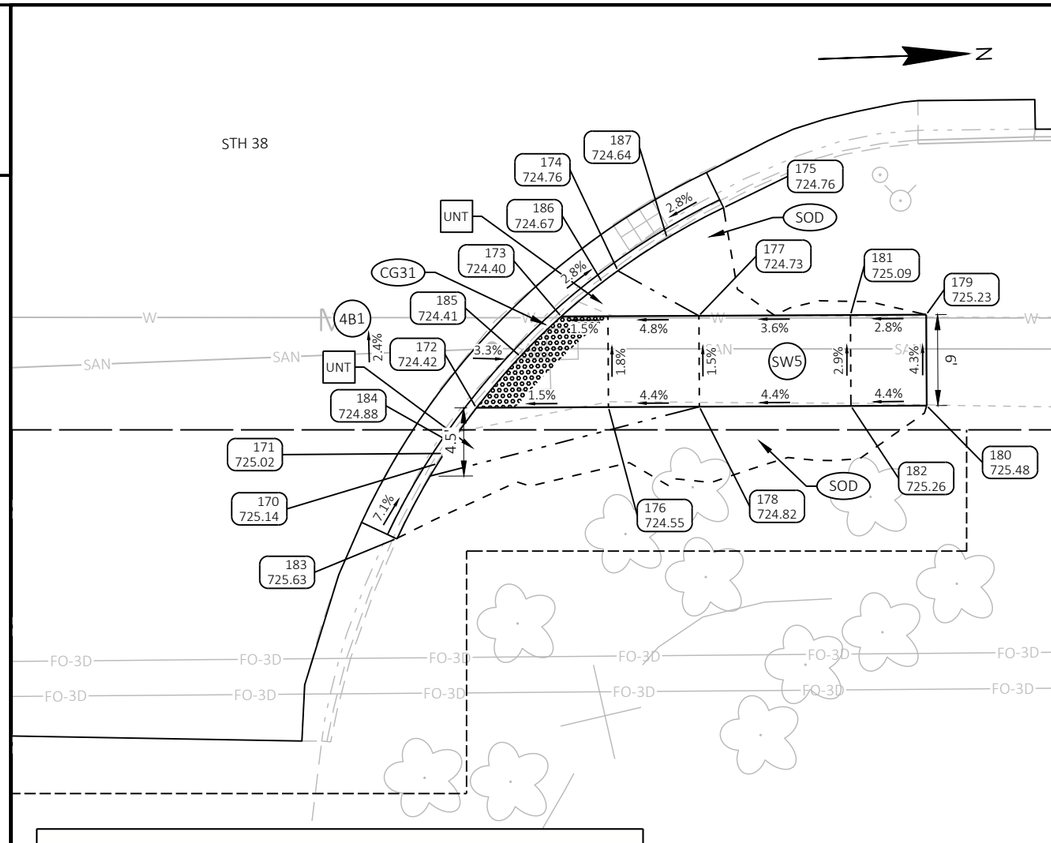
SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - DRIVEWAY STA 357+00 SE	SHEET 178	E



RADIAL DWF TABLE			
BOC RADIUS	LANDING LENGTH	DWF AREA (SF)	RADIAL LONG CHORD
45.8'	8.7'	16.82	8.2'

LEGEND

X	CURB RAMP TYPE
PED	CONCRETE CURB PEDESTRIAN
SOD	RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
SW5	CONCRETE SIDEWALK 5-INCH
ASPH	ASPHALTIC SURFACE SAFETY ISLANDS
L	LANDING
UNT	UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
PT	CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
XXXX YYY.YY	POINT NUMBER & ELEVATION
	GRADE BREAKLINE
B	PEDESTRIAN PUSH BUTTON
	DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
CG19	CONCRETE CURB & GUTTER 19-INCH
CG30G	CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
CG30R	CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
CG36	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
CG31	CONCRETE CURB & GUTTER 31-INCH
CA	CONCRETE CURB TYPE A

DRIVEWAY STA 357 NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
170	357+87.11	77.23' RT	725.14	256427.04	605744.13
171	357+87.48	76.56' RT	725.02	256427.44	605743.47
172	357+89.69	73.55' RT	724.42	256429.75	605740.54
173	357+95.29	67.52' RT	724.40	256435.57	605734.72
174	357+99.03	64.50' RT	724.76	256439.42	605731.84
175	358+06.00	60.35' RT	724.76	256446.53	605727.93
176	357+98.41	73.51' RT	724.55	256438.47	605740.81
177	358+04.38	67.48' RT	724.73	256444.65	605735.00
178	358+04.41	73.48' RT	724.82	256444.46	605741.00
179	358+19.38	67.41' RT	725.23	256459.64	605735.47
180	358+19.41	73.41' RT	725.48	256459.46	605741.47
181	358+14.38	67.43' RT	725.09	256454.65	605735.31
182	358+14.41	73.43' RT	725.26	256454.46	605741.31
183	357+84.41	82.18' RT	725.63	256424.16	605748.98
184	357+88.02	75.84' RT	724.88	256428.00	605742.77
185	357+92.59	70.16' RT	724.41	256432.77	605737.25
186	357+98.01	65.27' RT	724.67	256438.36	605732.57
187	358+02.28	62.35' RT	724.64	256442.74	605729.80

NOTES:

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SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

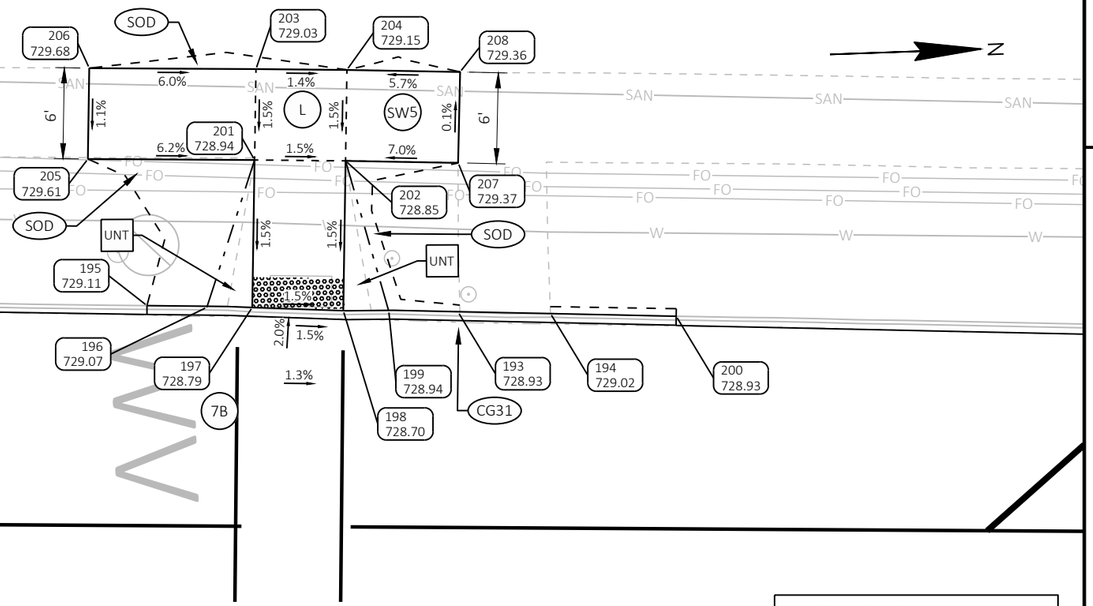
ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

ROW LEGEND

	SLOPE INTERCEPT
	EXISTING ROW
	PROPOSED ROW
	TLE
	EXISTING UTILITY EASEMENT

DRIVEWAY STA 363 NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
193	363+97.69	53.70' LT	728.93	257041.94	605635.27
194	364+03.79	53.60' LT	729.02	257048.03	605635.59
195	363+77.16	54.12' LT	729.11	257021.44	605634.11
196	363+81.11	54.01' LT	729.07	257025.38	605634.37
197	363+84.11	54.01' LT	728.79	257028.38	605634.48
198	363+90.11	53.79' LT	728.70	257034.37	605634.91
199	363+93.11	53.79' LT	728.94	257037.37	605635.02
200	364+12.08	53.42' LT	728.93	257056.31	605636.07
201	363+84.26	63.73' LT	728.94	257028.88	605624.76
202	363+90.26	63.68' LT	728.85	257034.88	605625.04
203	363+84.35	69.73' LT	729.03	257029.19	605618.77
204	363+90.36	69.68' LT	729.15	257035.19	605619.04
205	363+73.26	63.79' LT	729.61	257017.89	605624.31

DRIVEWAY STA 363 NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
206	363+73.35	69.79' LT	729.68	257018.20	605618.31
207	363+97.69	63.54' LT	729.37	257042.30	605625.44
208	363+97.83	69.54' LT	729.36	257042.65	605619.45



LEGEND

- X — CURB RAMP TYPE
- PED — CONCRETE CURB PEDESTRIAN
- SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- SW5 — CONCRETE SIDEWALK 5-INCH
- ASPH — ASPHALTIC SURFACE SAFETY ISLANDS
- L — LANDING
- UNT — UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
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NOTES:

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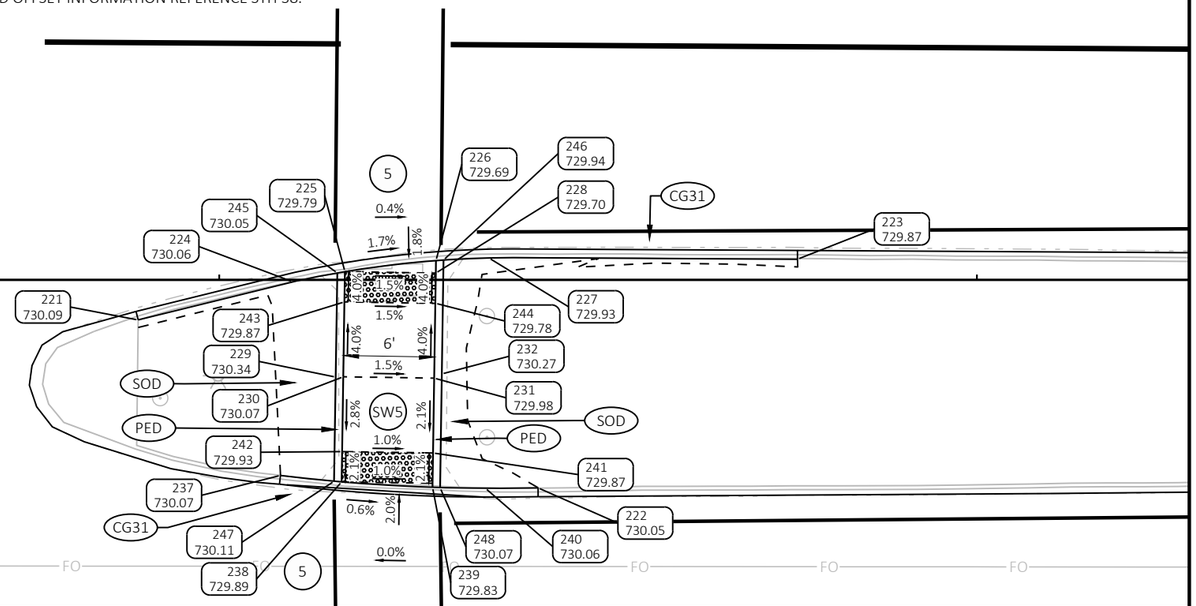
ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

DRIVEWAY STA 363 ISLAND NORTH					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
221	363+69.66	2.64' RT	730.09	257011.89	605690.57
222	363+96.04	13.72' RT	730.05	257037.86	605702.59
223	364+13.15	1.36' LT	729.87	257055.51	605688.13
224	363+79.85	0.12' RT	730.06	257022.18	605688.42
225	363+83.29	0.55' LT	729.79	257025.64	605687.87
226	363+89.30	1.28' LT	729.69	257031.67	605687.36
227	363+92.80	1.45' LT	729.93	257035.17	605687.32
228	363+89.29	0.46' LT	729.70	257031.63	605688.18
229	363+82.69	6.41' RT	730.34	257024.79	605694.81
230	363+83.18	6.39' RT	730.07	257025.28	605694.80
231	363+89.18	6.48' RT	729.98	257031.27	605695.11
232	363+89.69	6.20' RT	730.27	257031.79	605694.85
237	363+79.04	12.90' RT	730.07	257020.91	605701.16

DRIVEWAY STA 363 ISLAND NORTH					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
238	363+83.08	13.33' RT	729.89	257024.92	605701.73
239	363+89.07	13.69' RT	729.83	257030.90	605702.31
240	363+92.56	13.75' RT	730.06	257034.39	605702.50
241	363+89.11	11.42' RT	729.87	257031.02	605700.04
242	363+83.11	11.33' RT	729.93	257025.03	605699.74
243	363+83.26	1.45' RT	729.87	257025.53	605689.87
244	363+89.26	1.54' RT	729.78	257031.53	605690.18
245	363+82.79	0.46' LT	730.05	257025.13	605687.94
246	363+89.80	1.31' LT	729.94	257032.17	605687.34
247	363+82.58	13.28' RT	730.11	257024.43	605701.67
248	363+89.57	13.71' RT	730.07	257031.40	605702.35



PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - DRIVEWAY STA 364+00 MEDIAN NORTH & NW	SHEET 180	E

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PLOT DATE : 7/15/2026 2:53 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

STH 38

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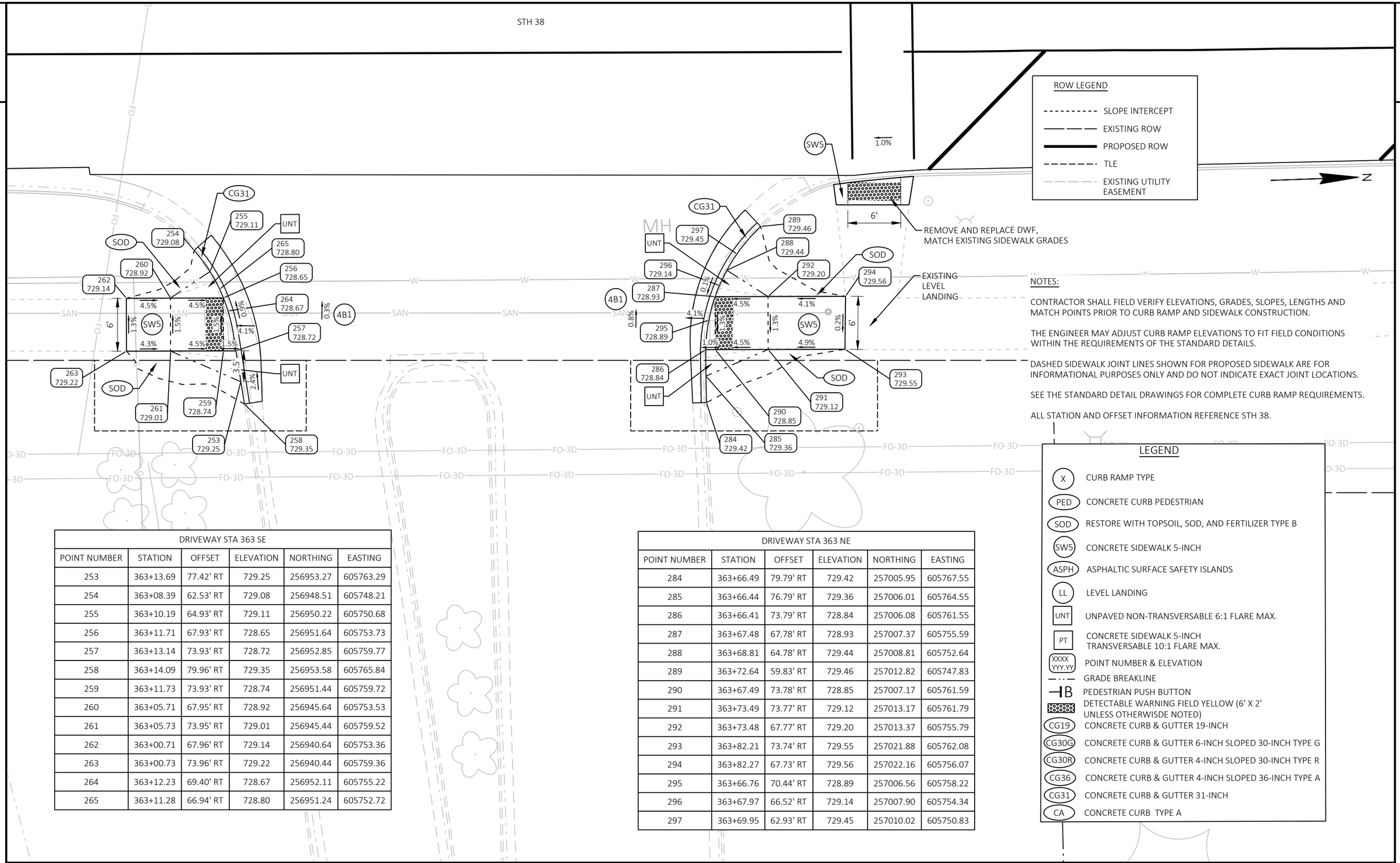
2



NOTES:

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ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

LEGEND

- (X) CURB RAMP TYPE
- (PED) CONCRETE CURB PEDESTRIAN
- (SOD) RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- (SW5) CONCRETE SIDEWALK 5-INCH
- (ASPH) ASPHALTIC SURFACE SAFETY ISLANDS
- (LL) LEVEL LANDING
- [UNT] UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- [PT] CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
- (XXXX YYY.YY) POINT NUMBER & ELEVATION
- GRADE BREAKLINE
- B PEDESTRIAN PUSH BUTTON
- DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
- (CG19) CONCRETE CURB & GUTTER 19-INCH
- (CG30G) CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
- (CG30R) CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
- (CG36) CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- (CG31) CONCRETE CURB & GUTTER 31-INCH
- (CA) CONCRETE CURB TYPE A

DRIVEWAY STA 363 SE

POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
253	363+13.69	77.42' RT	729.25	256953.27	605763.29
254	363+08.39	62.53' RT	729.08	256948.51	605748.21
255	363+10.19	64.93' RT	729.11	256950.22	605750.68
256	363+11.71	67.93' RT	728.65	256951.64	605753.73
257	363+13.14	73.93' RT	728.72	256952.85	605759.77
258	363+14.09	79.96' RT	729.35	256953.58	605765.84
259	363+11.73	73.93' RT	728.74	256951.44	605759.72
260	363+05.71	67.95' RT	728.92	256945.64	605753.53
261	363+05.73	73.95' RT	729.01	256945.44	605759.52
262	363+00.71	67.96' RT	729.14	256940.64	605753.36
263	363+00.73	73.96' RT	729.22	256940.44	605759.36
264	363+12.23	69.40' RT	728.67	256952.11	605755.22
265	363+11.28	66.94' RT	728.80	256951.24	605752.72

DRIVEWAY STA 363 NE

POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
284	363+66.49	79.79' RT	729.42	257005.95	605767.55
285	363+66.44	76.79' RT	729.36	257006.01	605764.55
286	363+66.41	73.79' RT	728.84	257006.08	605761.55
287	363+67.48	67.78' RT	728.93	257007.37	605755.59
288	363+68.81	64.78' RT	729.44	257008.81	605752.64
289	363+72.64	59.83' RT	729.46	257012.82	605747.83
290	363+67.49	73.78' RT	728.85	257007.17	605761.59
291	363+73.49	73.77' RT	729.12	257013.17	605761.79
292	363+73.48	67.77' RT	729.20	257013.37	605755.79
293	363+82.21	73.74' RT	729.55	257021.88	605762.08
294	363+82.27	67.73' RT	729.56	257022.16	605756.07
295	363+66.76	70.44' RT	728.89	257006.56	605758.22
296	363+67.97	66.52' RT	729.14	257007.90	605754.34
297	363+69.95	62.93' RT	729.45	257010.02	605750.83

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - DRIVEWAY STA 364+00 SE & NE	SHEET 181	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021308-CR_RAWSONAVE.DWG
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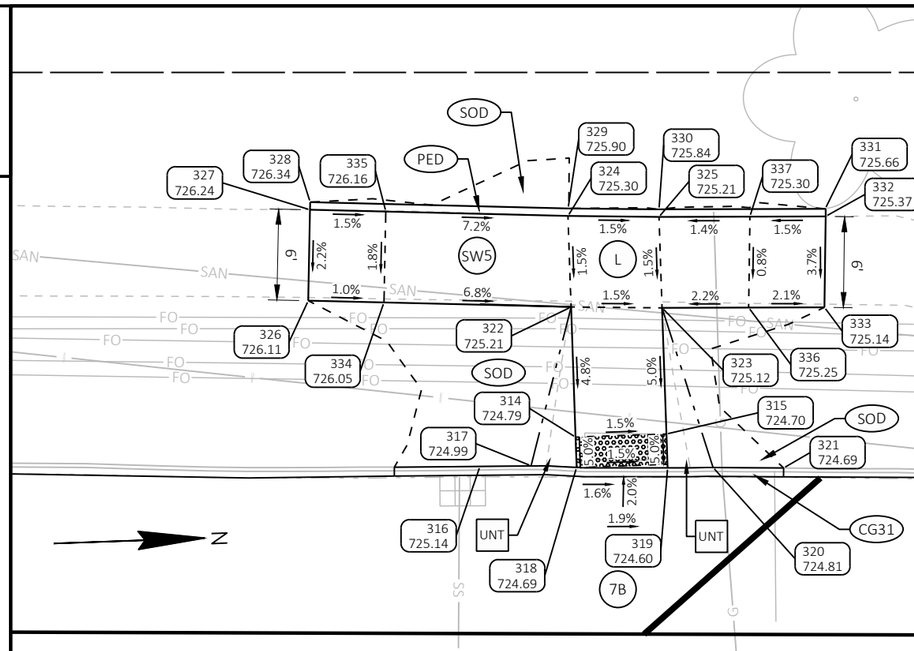
PLOT DATE : 7/15/2026 2:54 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42



NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

THE ENGINEER MAY ADJUST CURB RAMP ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE REQUIREMENTS OF THE STANDARD DETAILS.

DASHED SIDEWALK JOINT LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATIONAL PURPOSES ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.

SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

OAK SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
314	366+78.08	50.93' LT	724.79	257322.05	605648.14
315	366+84.06	51.14' LT	724.70	257328.03	605648.14
316	366+71.77	49.00' LT	725.14	257315.68	605649.84
317	366+75.14	49.05' LT	724.99	257319.05	605649.91
318	366+78.15	48.94' LT	724.69	257322.05	605650.13
319	366+84.15	48.91' LT	724.60	257328.05	605650.38
320	366+87.16	48.93' LT	724.81	257331.05	605650.46
321	366+91.81	48.90' LT	724.69	257335.69	605650.67
322	366+77.78	59.53' LT	725.21	257322.06	605639.54
323	366+83.79	59.47' LT	725.12	257328.06	605639.82
324	366+77.58	65.53' LT	725.30	257322.07	605633.53
325	366+83.58	65.47' LT	725.21	257328.07	605633.81
326	366+60.44	59.94' LT	726.11	257304.75	605638.50
327	366+60.56	65.94' LT	726.24	257305.08	605632.51

OAK SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
328	366+60.57	66.44' LT	726.34	257305.11	605632.01
329	366+77.59	66.03' LT	725.90	257322.10	605633.03
330	366+83.59	65.97' LT	725.84	257328.09	605633.31
331	366+94.56	66.00' LT	725.66	257339.06	605633.67
332	366+94.59	65.50' LT	725.37	257339.07	605634.17
333	366+94.50	59.50' LT	725.14	257338.77	605640.17
334	366+65.44	59.83' LT	726.05	257309.74	605638.80
335	366+65.56	65.82' LT	726.16	257310.07	605632.81
336	366+89.50	59.49' LT	725.25	257333.77	605640.00
337	366+89.59	65.49' LT	725.30	257334.07	605634.01

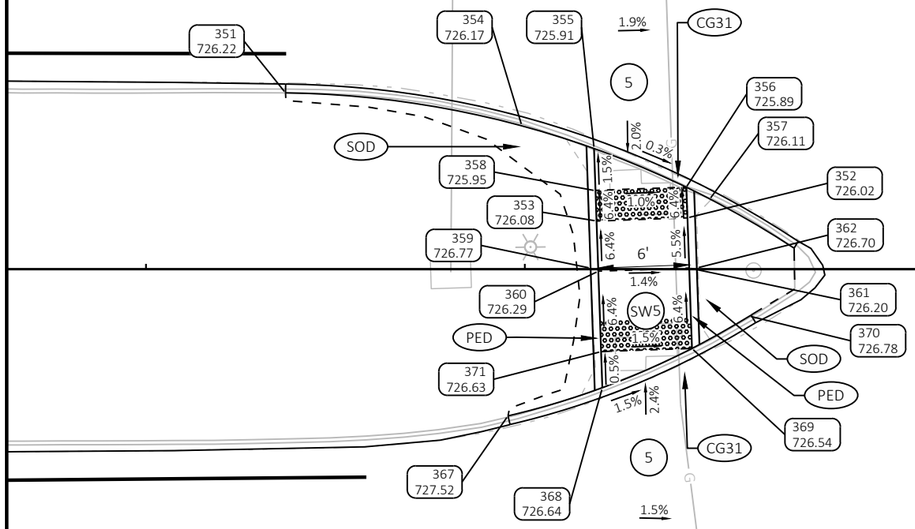
LEGEND

- X — CURB RAMP TYPE
- PED — CONCRETE CURB PEDESTRIAN
- SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- SW5 — CONCRETE SIDEWALK 5-INCH
- ASPH — ASPHALTIC SURFACE SAFETY ISLANDS
- L — LANDING
- UNT — UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- PT — CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
- XXXX YYY.YY — POINT NUMBER & ELEVATION
- GRADE BREAKLINE
- B — PEDESTRIAN PUSH BUTTON
- DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
- CG19 — CONCRETE CURB & GUTTER 19-INCH
- CG30G — CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
- CG30R — CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
- CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- CG31 — CONCRETE CURB & GUTTER 31-INCH
- CA — CONCRETE CURB TYPE A

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

STH 38

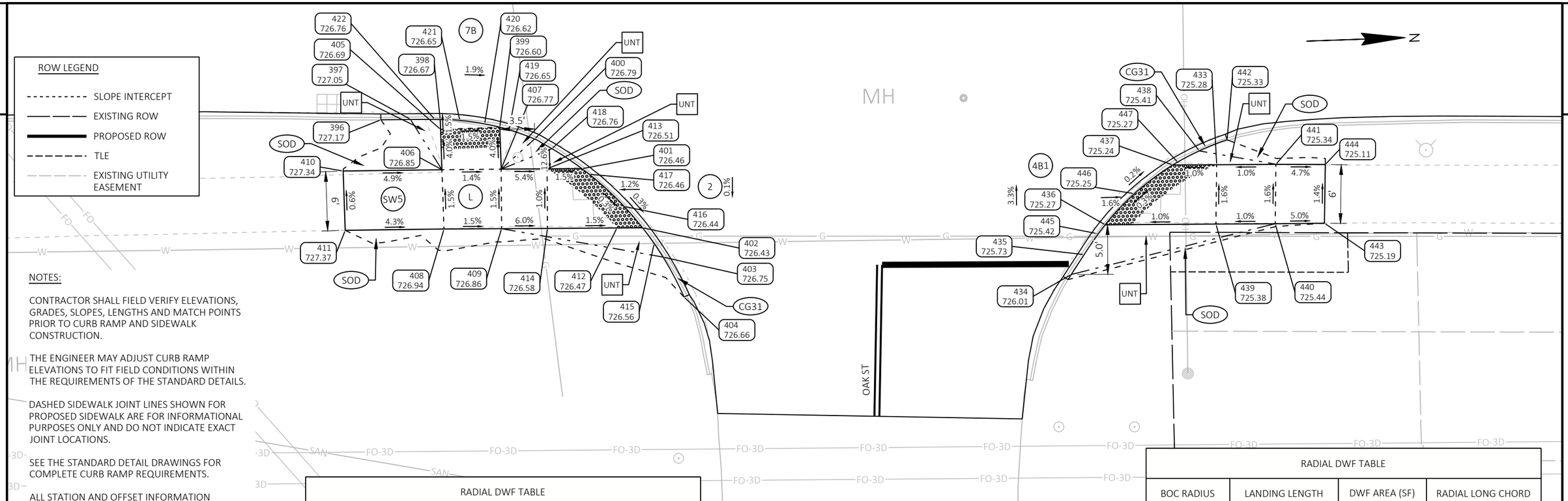


OAK ISLAND SOUTH					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
351	366+59.21	11.63' LT	726.22	257301.77	605686.74
352	366+85.73	3.38' LT	726.02	257327.98	605695.93
353	366+79.73	3.18' LT	726.08	257321.98	605695.93
354	366+74.80	9.46' LT	726.17	257317.28	605689.47
355	366+79.57	7.95' LT	725.91	257321.99	605691.14
356	366+85.62	5.36' LT	725.89	257327.94	605693.96
357	366+87.18	4.61' LT	726.11	257329.48	605694.76
358	366+79.66	5.17' LT	725.95	257321.98	605693.93
359	366+79.34	0.06' LT	726.77	257321.47	605699.02
360	366+79.84	0.14' RT	726.29	257321.97	605699.24
361	366+85.84	0.07' LT	726.20	257327.97	605699.25
362	366+86.34	0.07' LT	726.70	257328.47	605699.26

OAK ISLAND SOUTH					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
367	366+73.89	9.68' RT	727.52	257315.68	605708.56
368	366+80.11	7.83' RT	726.64	257321.96	605706.94
369	366+86.02	5.23' RT	726.54	257327.96	605704.55
370	366+89.81	3.10' RT	726.78	257331.82	605702.56
371	366+80.03	5.45' RT	726.63	257321.96	605704.55

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - OAK ST MEDIAN SOUTH & SW	SHEET 182	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021308-CR_RAWSONAVE.DWG
LAYOUT NAME - 10
PLOT DATE : 7/15/2026 2:54 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42



NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

THE ENGINEER MAY ADJUST CURB RAMP ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE REQUIREMENTS OF THE STANDARD DETAILS.

DASHED SIDEWALK JOINT LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATIONAL PURPOSES ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.

SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

RADIAL DWF TABLE			
BOC RADIUS	LANDING LENGTH	DWF AREA (SF)	RADIAL LONG CHORD
32.7'	9.6'	17.83	8.6'

RADIAL DWF TABLE			
BOC RADIUS	LANDING LENGTH	DWF AREA (SF)	RADIAL LONG CHORD
26.6'	11.2'	19.64	9.1'

LEGEND

X	CURB RAMP TYPE
PED	CONCRETE CURB PEDESTRIAN
SOD	RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
SW5	CONCRETE SIDEWALK 5-INCH
ASPH	ASPHALTIC SURFACE SAFETY ISLANDS
LL	LEVEL LANDING
UNT	UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
PT	CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
XXXX YYY.YY	POINT NUMBER & ELEVATION
	GRADE BREAKLINE
B	PEDESTRIAN PUSH BUTTON
	DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
CG19	CONCRETE CURB & GUTTER 19-INCH
CG30G	CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
CG30R	CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
CG36	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
CG31	CONCRETE CURB & GUTTER 31-INCH
CA	CONCRETE CURB TYPE A

OAK SE

POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
396	366+75.52	48.68' RT	727.17	257315.90	605747.59
397	366+78.52	48.65' RT	727.05	257318.90	605747.68
398	366+81.52	48.64' RT	726.67	257321.90	605747.77
399	366+87.55	49.44' RT	726.60	257327.90	605748.79
400	366+91.08	50.63' RT	726.79	257331.38	605750.10
401	366+95.87	53.62' RT	726.46	257336.06	605753.27
402	367+02.00	59.60' RT	726.43	257341.98	605759.46
403	367+04.08	62.57' RT	726.75	257343.95	605762.50
404	367+06.21	66.61' RT	726.66	257345.93	605766.62
405	366+81.55	49.65' RT	726.69	257321.90	605748.78
406	366+81.70	53.73' RT	726.85	257321.89	605752.87
407	366+87.70	53.67' RT	726.77	257327.89	605753.02
408	366+81.90	59.73' RT	726.94	257321.88	605758.87

OAK SE

POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
409	366+87.73	59.67' RT	726.86	257327.71	605759.02
410	366+71.69	53.87' RT	727.34	257311.89	605752.64
411	366+71.90	59.86' RT	727.37	257311.88	605758.64
412	366+99.42	59.62' RT	726.47	257339.39	605759.39
413	366+92.34	53.64' RT	726.51	257332.54	605753.16
414	366+92.38	59.65' RT	726.58	257332.36	605759.16
415	367+03.19	61.20' RT	726.56	257343.10	605761.11
416	367+00.16	57.45' RT	726.44	257340.21	605757.25
417	366+96.61	54.19' RT	726.46	257336.78	605753.86
418	366+92.82	51.61' RT	726.76	257333.08	605751.15
419	366+88.50	49.71' RT	726.65	257328.83	605749.09
420	366+86.02	49.10' RT	726.62	257326.38	605748.39
421	366+83.50	48.74' RT	726.65	257323.88	605747.94

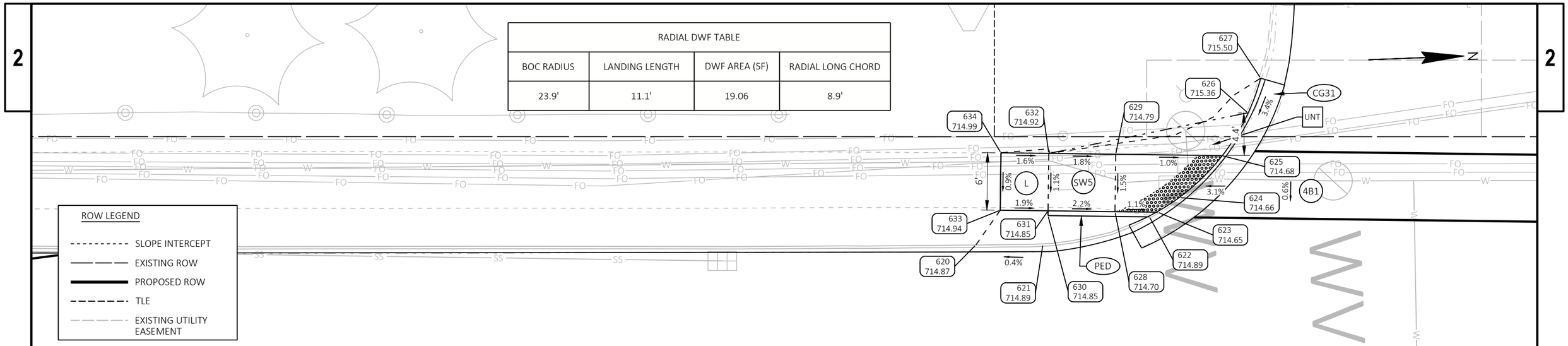
OAK NE

POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
433	367+60.28	53.16' RT	725.28	257400.30	605755.19
434	367+45.59	64.30' RT	726.01	257385.20	605765.75
435	367+46.88	62.28' RT	725.73	257386.55	605763.79
436	367+49.02	59.27' RT	725.27	257388.81	605760.86
437	367+55.84	53.19' RT	725.24	257395.87	605755.05
438	367+58.52	51.76' RT	725.41	257398.60	605753.73
439	367+60.23	59.16' RT	725.38	257400.02	605761.18
440	367+66.23	59.11' RT	725.44	257406.01	605761.36
441	367+66.28	53.10' RT	725.34	257406.30	605755.37
442	367+61.34	50.63' RT	725.33	257401.45	605752.70
443	367+71.21	59.04' RT	725.19	257411.00	605761.49
444	367+71.28	53.11' RT	725.11	257411.30	605755.56
445	367+48.16	60.15' RT	725.42	257387.92	605761.70
446	367+51.90	56.13' RT	725.25	257391.81	605757.84
447	367+56.35	52.92' RT	725.27	257396.38	605754.80

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - OAK ST SE & NE	SHEET 183	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021308-CR_RAWSONAVE.DWG
LAYOUT NAME - 11
PLOT DATE : 7/15/2026 2:54 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

RADIAL DWF TABLE			
BOC RADIUS	LANDING LENGTH	DWF AREA (SF)	RADIAL LONG CHORD
23.9'	11.1'	19.06	8.9'



LEGEND

- X — CURB RAMP TYPE
- PED — CONCRETE CURB PEDESTRIAN
- SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- SW5 — CONCRETE SIDEWALK 5-INCH
- ASPH — ASPHALTIC SURFACE SAFETY ISLANDS
- L — LANDING
- UNT — UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- PT — CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
- XXXX YYY.YY — POINT NUMBER & ELEVATION
- GRADE BREAKLINE
- B — PEDESTRIAN PUSH BUTTON
- DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
- CG19 — CONCRETE CURB & GUTTER 19-INCH
- CG30G — CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
- CG30R — CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
- CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- CG31 — CONCRETE CURB & GUTTER 31-INCH
- CA — CONCRETE CURB TYPE A

NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

THE ENGINEER MAY ADJUST CURB RAMP ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE REQUIREMENTS OF THE STANDARD DETAILS.

DASHED SIDEWALK JOINT LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATIONAL PURPOSES ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.

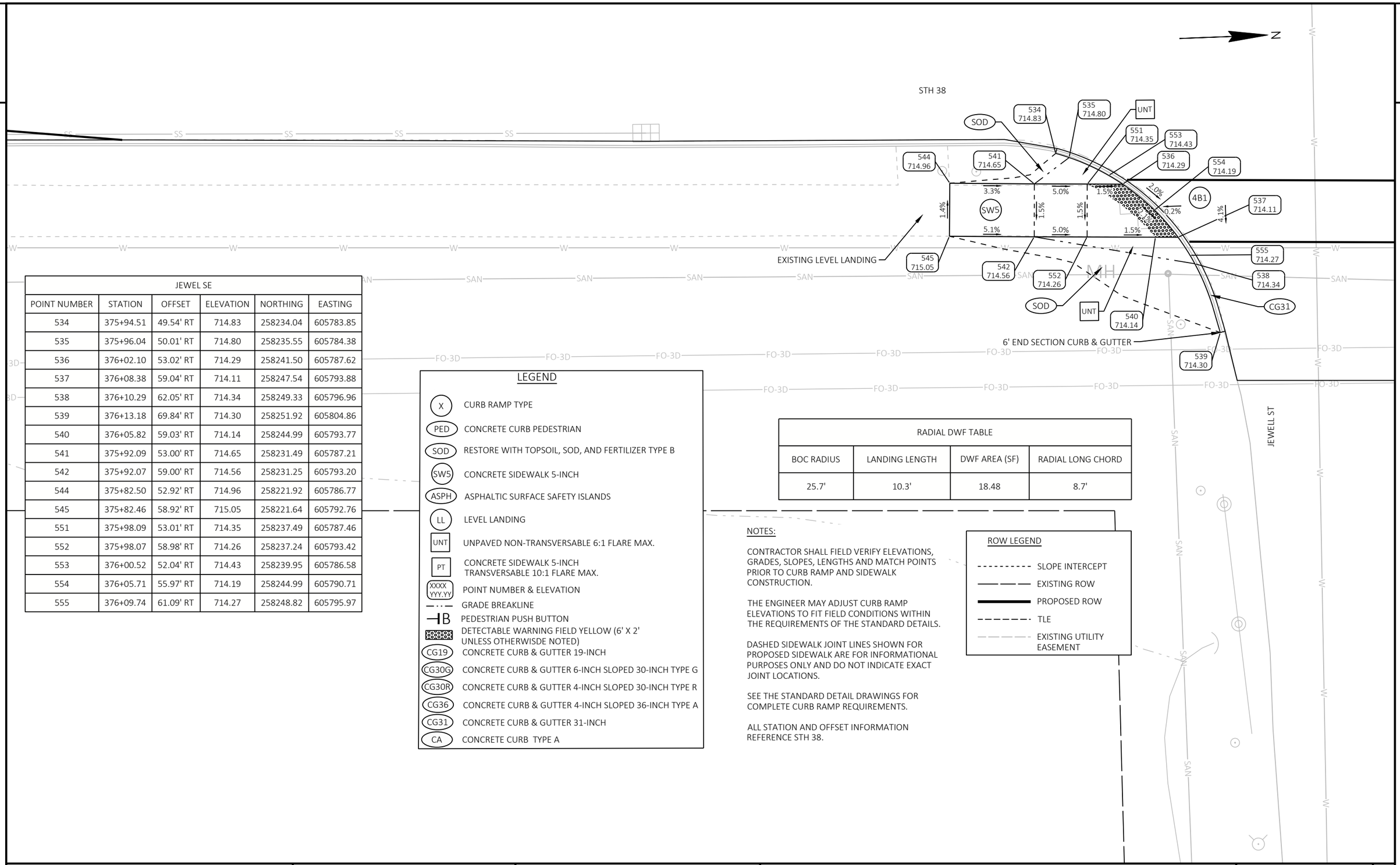
SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

JEWEL SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
620	375+76.18	48.64' LT	714.87	258219.53	605685.03
621	375+83.20	48.71' LT	714.89	258226.54	605685.24
622	375+94.33	51.58' LT	714.89	258237.78	605682.80
623	375+95.20	52.07' LT	714.65	258238.66	605682.34
624	375+97.47	53.60' LT	714.66	258240.99	605680.90
625	376+01.89	57.98' LT	714.68	258245.58	605676.69
626	376+04.61	62.45' LT	715.36	258248.48	605672.33
627	376+05.97	66.07' LT	715.50	258249.97	605668.77
628	375+90.73	52.12' LT	714.70	258234.21	605682.11
629	375+90.81	58.12' LT	714.79	258234.51	605676.12
630	375+83.73	51.71' LT	714.85	258227.19	605682.25
631	375+83.73	52.21' LT	714.85	258227.21	605681.76
632	375+83.81	58.21' LT	714.92	258227.52	605675.76
633	375+78.73	52.28' LT	714.94	258222.22	605681.50
634	375+78.81	58.27' LT	714.99	258222.53	605675.51

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - JEWELL ST SW	SHEET 184	E

2



JEWEL SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
534	375+94.51	49.54' RT	714.83	258234.04	605783.85
535	375+96.04	50.01' RT	714.80	258235.55	605784.38
536	376+02.10	53.02' RT	714.29	258241.50	605787.62
537	376+08.38	59.04' RT	714.11	258247.54	605793.88
538	376+10.29	62.05' RT	714.34	258249.33	605796.96
539	376+13.18	69.84' RT	714.30	258251.92	605804.86
540	376+05.82	59.03' RT	714.14	258244.99	605793.77
541	375+92.09	53.00' RT	714.65	258231.49	605787.21
542	375+92.07	59.00' RT	714.56	258231.25	605793.20
544	375+82.50	52.92' RT	714.96	258221.92	605786.77
545	375+82.46	58.92' RT	715.05	258221.64	605792.76
551	375+98.09	53.01' RT	714.35	258237.49	605787.46
552	375+98.07	58.98' RT	714.26	258237.24	605793.42
553	376+00.52	52.04' RT	714.43	258239.95	605786.58
554	376+05.71	55.97' RT	714.19	258244.99	605790.71
555	376+09.74	61.09' RT	714.27	258248.82	605795.97

LEGEND

- (X) CURB RAMP TYPE
- (PED) CONCRETE CURB PEDESTRIAN
- (SOD) RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- (SW5) CONCRETE SIDEWALK 5-INCH
- (ASPH) ASPHALTIC SURFACE SAFETY ISLANDS
- (LL) LEVEL LANDING
- (UNT) UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- (PT) CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
- (XXXX YYY.YY) POINT NUMBER & ELEVATION
- GRADE BREAKLINE
- (B) PEDESTRIAN PUSH BUTTON
- DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
- (CG19) CONCRETE CURB & GUTTER 19-INCH
- (CG30G) CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
- (CG30R) CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
- (CG36) CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- (CG31) CONCRETE CURB & GUTTER 31-INCH
- (CA) CONCRETE CURB TYPE A

RADIAL DWF TABLE			
BOC RADIUS	LANDING LENGTH	DWF AREA (SF)	RADIAL LONG CHORD
25.7'	10.3'	18.48	8.7'

NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

THE ENGINEER MAY ADJUST CURB RAMP ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE REQUIREMENTS OF THE STANDARD DETAILS.

DASHED SIDEWALK JOINT LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATIONAL PURPOSES ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.

SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

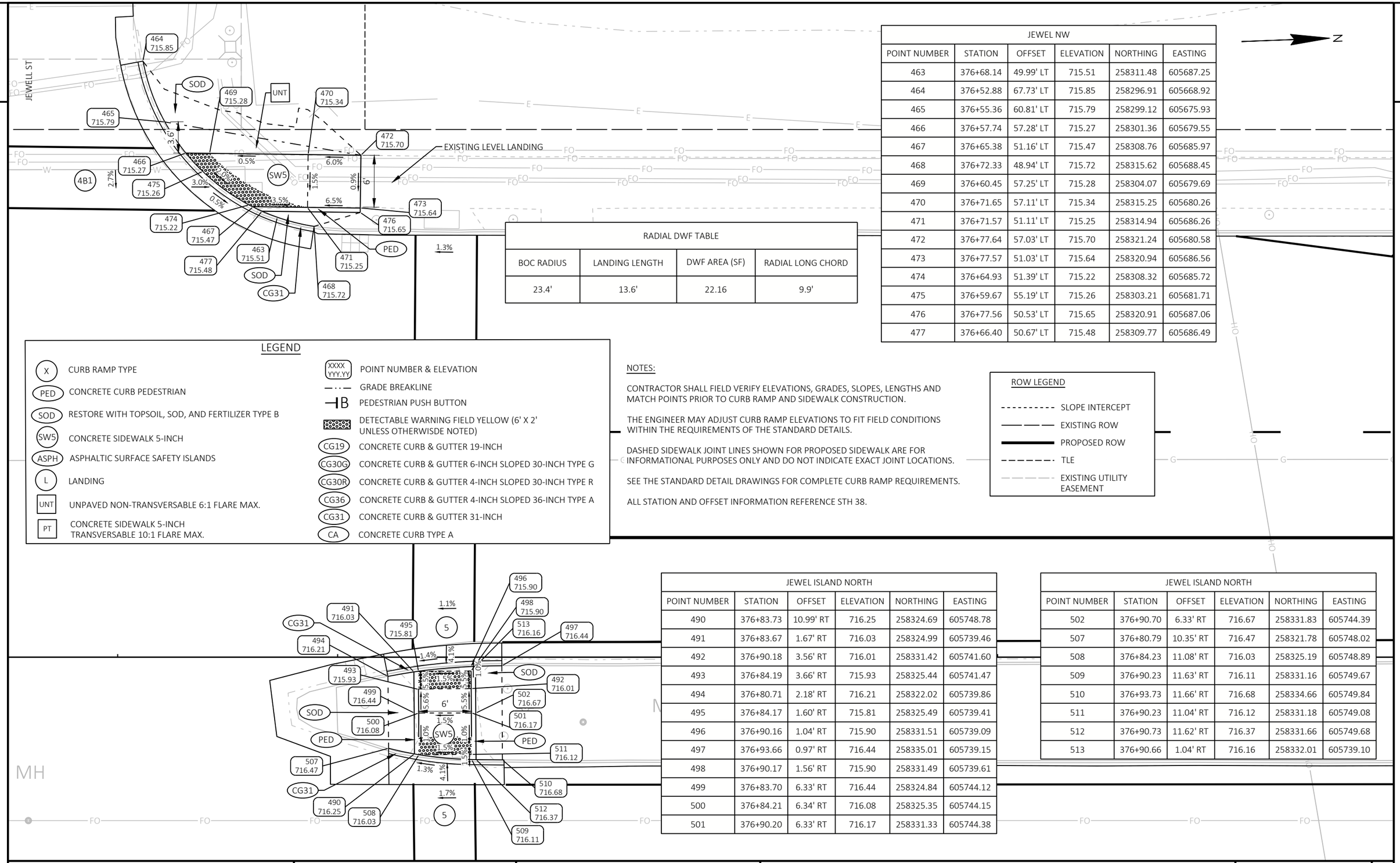
ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - JEWELL ST SE	SHEET 185	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021308-CR_RAWSONAVE.DWG
LAYOUT NAME - 13
PLOT DATE : 7/15/2026 2:55 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42



JEWEL NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
463	376+68.14	49.99' LT	715.51	258311.48	605687.25
464	376+52.88	67.73' LT	715.85	258296.91	605668.92
465	376+55.36	60.81' LT	715.79	258299.12	605675.93
466	376+57.74	57.28' LT	715.27	258301.36	605679.55
467	376+65.38	51.16' LT	715.47	258308.76	605685.97
468	376+72.33	48.94' LT	715.72	258315.62	605688.45
469	376+60.45	57.25' LT	715.28	258304.07	605679.69
470	376+71.65	57.11' LT	715.34	258315.25	605680.26
471	376+71.57	51.11' LT	715.25	258314.94	605686.26
472	376+77.64	57.03' LT	715.70	258321.24	605680.58
473	376+77.57	51.03' LT	715.64	258320.94	605686.56
474	376+64.93	51.39' LT	715.22	258308.32	605685.72
475	376+59.67	55.19' LT	715.26	258303.21	605681.71
476	376+77.56	50.53' LT	715.65	258320.91	605687.06
477	376+66.40	50.67' LT	715.48	258309.77	605686.49

RADIAL DWF TABLE			
BOC RADIUS	LANDING LENGTH	DWF AREA (SF)	RADIAL LONG CHORD
23.4'	13.6'	22.16	9.9'

LEGEND

- X — CURB RAMP TYPE
- PED — CONCRETE CURB PEDESTRIAN
- SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- SW5 — CONCRETE SIDEWALK 5-INCH
- ASPH — ASPHALTIC SURFACE SAFETY ISLANDS
- L — LANDING
- UNT — UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- PT — CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
- XXXX YYY.YY — POINT NUMBER & ELEVATION
- GRADE BREAKLINE
- B — PEDESTRIAN PUSH BUTTON
- DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
- CG19 — CONCRETE CURB & GUTTER 19-INCH
- CG30G — CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
- CG30R — CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
- CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- CG31 — CONCRETE CURB & GUTTER 31-INCH
- CA — CONCRETE CURB TYPE A

NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

THE ENGINEER MAY ADJUST CURB RAMP ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE REQUIREMENTS OF THE STANDARD DETAILS.

DASHED SIDEWALK JOINT LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATIONAL PURPOSES ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.

SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

ROW LEGEND

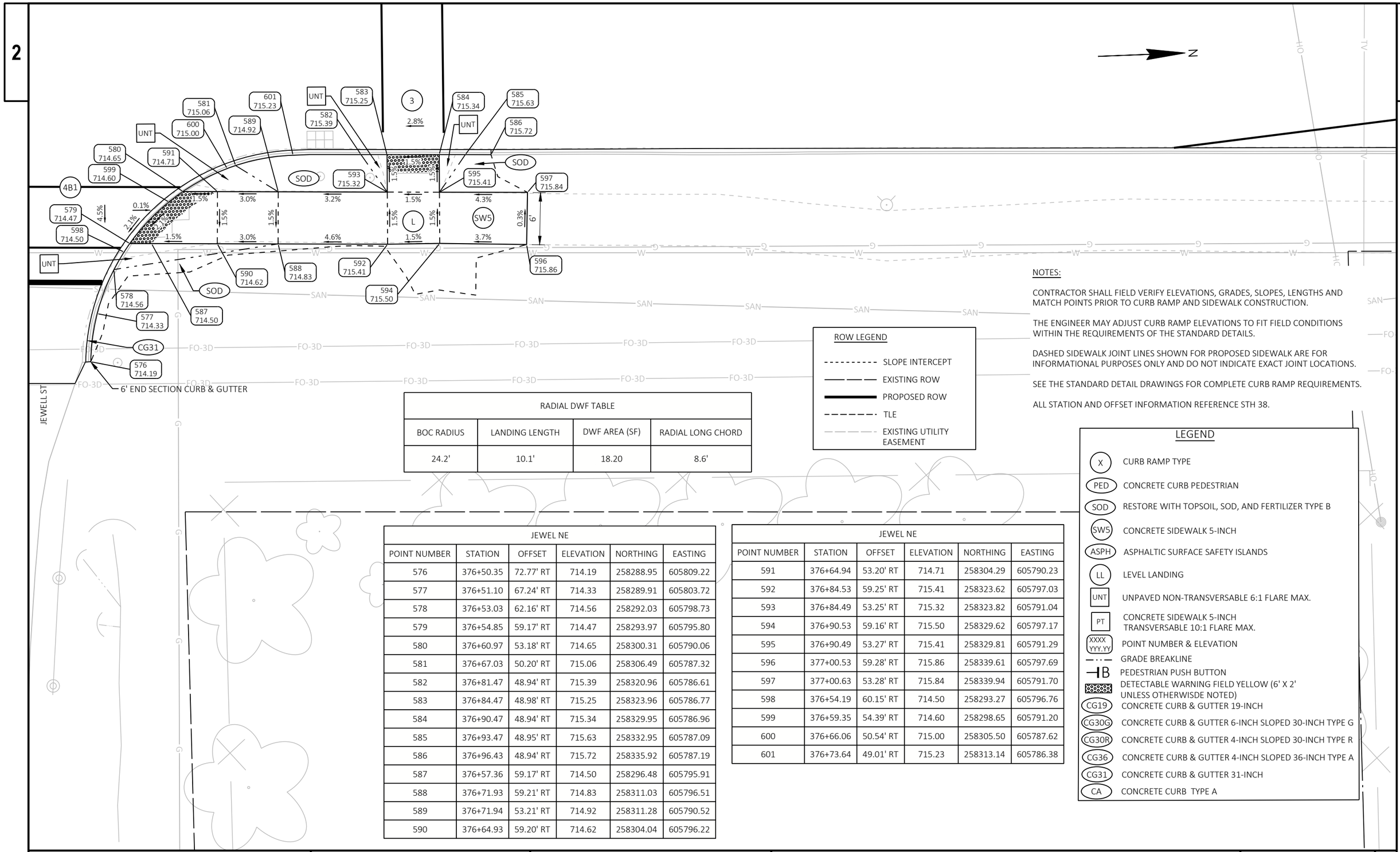
- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

JEWEL ISLAND NORTH					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
490	376+83.73	10.99' RT	716.25	258324.69	605748.78
491	376+83.67	1.67' RT	716.03	258324.99	605739.46
492	376+90.18	3.56' RT	716.01	258331.42	605741.60
493	376+84.19	3.66' RT	715.93	258325.44	605741.47
494	376+80.71	2.18' RT	716.21	258322.02	605739.86
495	376+84.17	1.60' RT	715.81	258325.49	605739.41
496	376+90.16	1.04' RT	715.90	258331.51	605739.09
497	376+93.66	0.97' RT	716.44	258335.01	605739.15
498	376+90.17	1.56' RT	715.90	258331.49	605739.61
499	376+83.70	6.33' RT	716.44	258324.84	605744.12
500	376+84.21	6.34' RT	716.08	258325.35	605744.15
501	376+90.20	6.33' RT	716.17	258331.33	605744.38

JEWEL ISLAND NORTH					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
502	376+90.70	6.33' RT	716.67	258331.83	605744.39
507	376+80.79	10.35' RT	716.47	258321.78	605748.02
508	376+84.23	11.08' RT	716.03	258325.19	605748.89
509	376+90.23	11.63' RT	716.11	258331.16	605749.67
510	376+93.73	11.66' RT	716.68	258334.66	605749.84
511	376+90.23	11.04' RT	716.12	258331.18	605749.08
512	376+90.73	11.62' RT	716.37	258331.66	605749.68
513	376+90.66	1.04' RT	716.16	258332.01	605739.10

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - JEWELL ST ISLAND NORTH & NW	SHEET 186	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021308-CR_RAWSONAVE.DWG
LAYOUT NAME - 14
PLOT DATE : 7/15/2026 2:55 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42



RADIAL DWF TABLE			
BOC RADIUS	LANDING LENGTH	DWF AREA (SF)	RADIAL LONG CHORD
24.2'	10.1'	18.20	8.6'

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

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SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

LEGEND

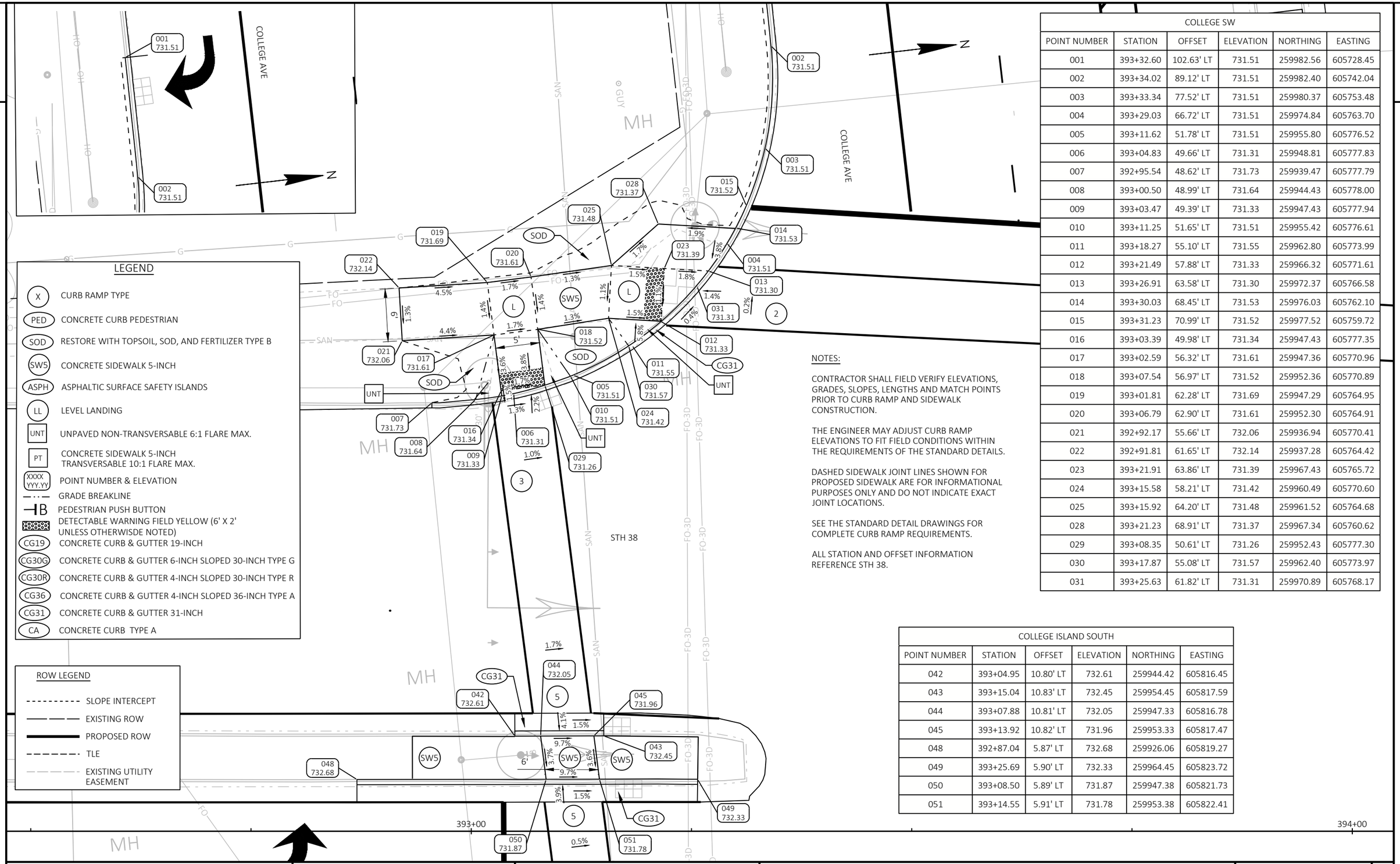
- X — CURB RAMP TYPE
- PED — CONCRETE CURB PEDESTRIAN
- SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- SW5 — CONCRETE SIDEWALK 5-INCH
- ASPH — ASPHALTIC SURFACE SAFETY ISLANDS
- LL — LEVEL LANDING
- UNT — UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- PT — CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
- XXXX YYY.YY — POINT NUMBER & ELEVATION
- GRADE BREAKLINE
- B — PEDESTRIAN PUSH BUTTON
- DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
- CG19 — CONCRETE CURB & GUTTER 19-INCH
- CG30G — CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
- CG30R — CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
- CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- CG31 — CONCRETE CURB & GUTTER 31-INCH
- CA — CONCRETE CURB TYPE A

JEWEL NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
576	376+50.35	72.77' RT	714.19	258288.95	605809.22
577	376+51.10	67.24' RT	714.33	258289.91	605803.72
578	376+53.03	62.16' RT	714.56	258292.03	605798.73
579	376+54.85	59.17' RT	714.47	258293.97	605795.80
580	376+60.97	53.18' RT	714.65	258300.31	605790.06
581	376+67.03	50.20' RT	715.06	258306.49	605787.32
582	376+81.47	48.94' RT	715.39	258320.96	605786.61
583	376+84.47	48.98' RT	715.25	258323.96	605786.77
584	376+90.47	48.94' RT	715.34	258329.95	605786.96
585	376+93.47	48.95' RT	715.63	258332.95	605787.09
586	376+96.43	48.94' RT	715.72	258335.92	605787.19
587	376+57.36	59.17' RT	714.50	258296.48	605795.91
588	376+71.93	59.21' RT	714.83	258311.03	605796.51
589	376+71.94	53.21' RT	714.92	258311.28	605790.52
590	376+64.93	59.20' RT	714.62	258304.04	605796.22

JEWEL NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
591	376+64.94	53.20' RT	714.71	258304.29	605790.23
592	376+84.53	59.25' RT	715.41	258323.62	605797.03
593	376+84.49	53.25' RT	715.32	258323.82	605791.04
594	376+90.53	59.16' RT	715.50	258329.62	605797.17
595	376+90.49	53.27' RT	715.41	258329.81	605791.29
596	377+00.53	59.28' RT	715.86	258339.61	605797.69
597	377+00.63	53.28' RT	715.84	258339.94	605791.70
598	376+54.19	60.15' RT	714.50	258293.27	605796.76
599	376+59.35	54.39' RT	714.60	258298.65	605791.20
600	376+66.06	50.54' RT	715.00	258305.50	605787.62
601	376+73.64	49.01' RT	715.23	258313.14	605786.38

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - JEWELL ST NE	SHEET 187	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021308-CR_RAWSONAVE.DWG
LAYOUT NAME - 15
PLOT DATE : 7/15/2026 2:55 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42



LEGEND

X	CURB RAMP TYPE
PED	CONCRETE CURB PEDESTRIAN
SOD	RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
SW5	CONCRETE SIDEWALK 5-INCH
ASPH	ASPHALTIC SURFACE SAFETY ISLANDS
LL	LEVEL LANDING
UNT	UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
PT	CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
XXXX YYY.YY	POINT NUMBER & ELEVATION
	GRADE BREAKLINE
B	PEDESTRIAN PUSH BUTTON
	DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
CG19	CONCRETE CURB & GUTTER 19-INCH
CG30G	CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
CG30R	CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
CG36	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
CG31	CONCRETE CURB & GUTTER 31-INCH
CA	CONCRETE CURB TYPE A

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

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DASHED SIDEWALK JOINT LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATIONAL PURPOSES ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.

SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

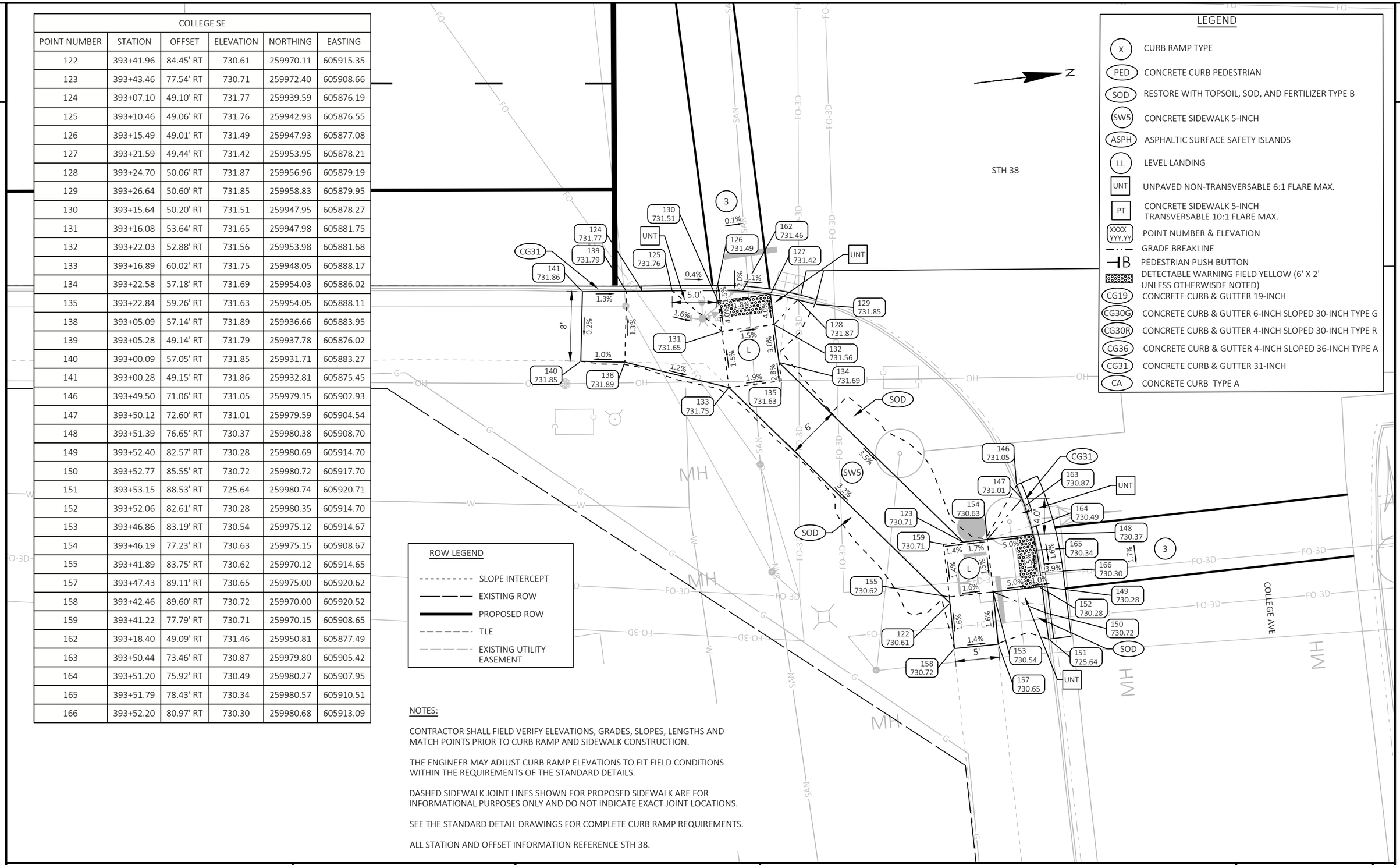
COLLEGE SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
001	393+32.60	102.63' LT	731.51	259982.56	605728.45
002	393+34.02	89.12' LT	731.51	259982.40	605742.04
003	393+33.34	77.52' LT	731.51	259980.37	605753.48
004	393+29.03	66.72' LT	731.51	259974.84	605763.70
005	393+11.62	51.78' LT	731.51	259955.80	605776.52
006	393+04.83	49.66' LT	731.31	259948.81	605777.83
007	392+95.54	48.62' LT	731.73	259939.47	605777.79
008	393+00.50	48.99' LT	731.64	259944.43	605778.00
009	393+03.47	49.39' LT	731.33	259947.43	605777.94
010	393+11.25	51.65' LT	731.51	259955.42	605776.61
011	393+18.27	55.10' LT	731.55	259962.80	605773.99
012	393+21.49	57.88' LT	731.33	259966.32	605771.61
013	393+26.91	63.58' LT	731.30	259972.37	605766.58
014	393+30.03	68.45' LT	731.53	259976.03	605762.10
015	393+31.23	70.99' LT	731.52	259977.52	605759.72
016	393+03.39	49.98' LT	731.34	259947.43	605777.35
017	393+02.59	56.32' LT	731.61	259947.36	605770.96
018	393+07.54	56.97' LT	731.52	259952.36	605770.89
019	393+01.81	62.28' LT	731.69	259947.29	605764.95
020	393+06.79	62.90' LT	731.61	259952.30	605764.91
021	392+92.17	55.66' LT	732.06	259936.94	605770.41
022	392+91.81	61.65' LT	732.14	259937.28	605764.42
023	393+21.91	63.86' LT	731.39	259967.43	605765.72
024	393+15.58	58.21' LT	731.42	259960.49	605770.60
025	393+15.92	64.20' LT	731.48	259961.52	605764.68
028	393+21.23	68.91' LT	731.37	259967.34	605760.62
029	393+08.35	50.61' LT	731.26	259952.43	605777.30
030	393+17.87	55.08' LT	731.57	259962.40	605773.97
031	393+25.63	61.82' LT	731.31	259970.89	605768.17

COLLEGE ISLAND SOUTH					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
042	393+04.95	10.80' LT	732.61	259944.42	605816.45
043	393+15.04	10.83' LT	732.45	259954.45	605817.59
044	393+07.88	10.81' LT	732.05	259947.33	605816.78
045	393+13.92	10.82' LT	731.96	259953.33	605817.47
048	392+87.04	5.87' LT	732.68	259926.06	605819.27
049	393+25.69	5.90' LT	732.33	259964.45	605823.72
050	393+08.50	5.89' LT	731.87	259947.38	605821.73
051	393+14.55	5.91' LT	731.78	259953.38	605822.41

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - COLLEGE AVE SW & ISLAND SOUTH	SHEET 188	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021309-CR_COLLEGEAVE.DWG
LAYOUT NAME - 01
PLOT DATE : 7/15/2026 2:56 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

COLLEGE SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
122	393+41.96	84.45' RT	730.61	259970.11	605915.35
123	393+43.46	77.54' RT	730.71	259972.40	605908.66
124	393+07.10	49.10' RT	731.77	259939.59	605876.19
125	393+10.46	49.06' RT	731.76	259942.93	605876.55
126	393+15.49	49.01' RT	731.49	259947.93	605877.08
127	393+21.59	49.44' RT	731.42	259953.95	605878.21
128	393+24.70	50.06' RT	731.87	259956.96	605879.19
129	393+26.64	50.60' RT	731.85	259958.83	605879.95
130	393+15.64	50.20' RT	731.51	259947.95	605878.27
131	393+16.08	53.64' RT	731.65	259947.98	605881.75
132	393+22.03	52.88' RT	731.56	259953.98	605881.68
133	393+16.89	60.02' RT	731.75	259948.05	605888.17
134	393+22.58	57.18' RT	731.69	259954.03	605886.02
135	393+22.84	59.26' RT	731.63	259954.05	605888.11
138	393+05.09	57.14' RT	731.89	259936.66	605883.95
139	393+05.28	49.14' RT	731.79	259937.78	605876.02
140	393+00.09	57.05' RT	731.85	259931.71	605883.27
141	393+00.28	49.15' RT	731.86	259932.81	605875.45
146	393+49.50	71.06' RT	731.05	259979.15	605902.93
147	393+50.12	72.60' RT	731.01	259979.59	605904.54
148	393+51.39	76.65' RT	730.37	259980.38	605908.70
149	393+52.40	82.57' RT	730.28	259980.69	605914.70
150	393+52.77	85.55' RT	730.72	259980.72	605917.70
151	393+53.15	88.53' RT	725.64	259980.74	605920.71
152	393+52.06	82.61' RT	730.28	259980.35	605914.70
153	393+46.86	83.19' RT	730.54	259975.12	605914.67
154	393+46.19	77.23' RT	730.63	259975.15	605908.67
155	393+41.89	83.75' RT	730.62	259970.12	605914.65
157	393+47.43	89.11' RT	730.65	259975.00	605920.62
158	393+42.46	89.60' RT	730.72	259970.00	605920.52
159	393+41.22	77.79' RT	730.71	259970.15	605908.65
162	393+18.40	49.09' RT	731.46	259950.81	605877.49
163	393+50.44	73.46' RT	730.87	259979.80	605905.42
164	393+51.20	75.92' RT	730.49	259980.27	605907.95
165	393+51.79	78.43' RT	730.34	259980.57	605910.51
166	393+52.20	80.97' RT	730.30	259980.68	605913.09



NOTES:

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THE ENGINEER MAY ADJUST CURB RAMP ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE REQUIREMENTS OF THE STANDARD DETAILS.

DASHED SIDEWALK JOINT LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATIONAL PURPOSES ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.

SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

THE ENGINEER MAY ADJUST CURB RAMP ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE REQUIREMENTS OF THE STANDARD DETAILS.

DASHED SIDEWALK JOINT LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATIONAL PURPOSES ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.

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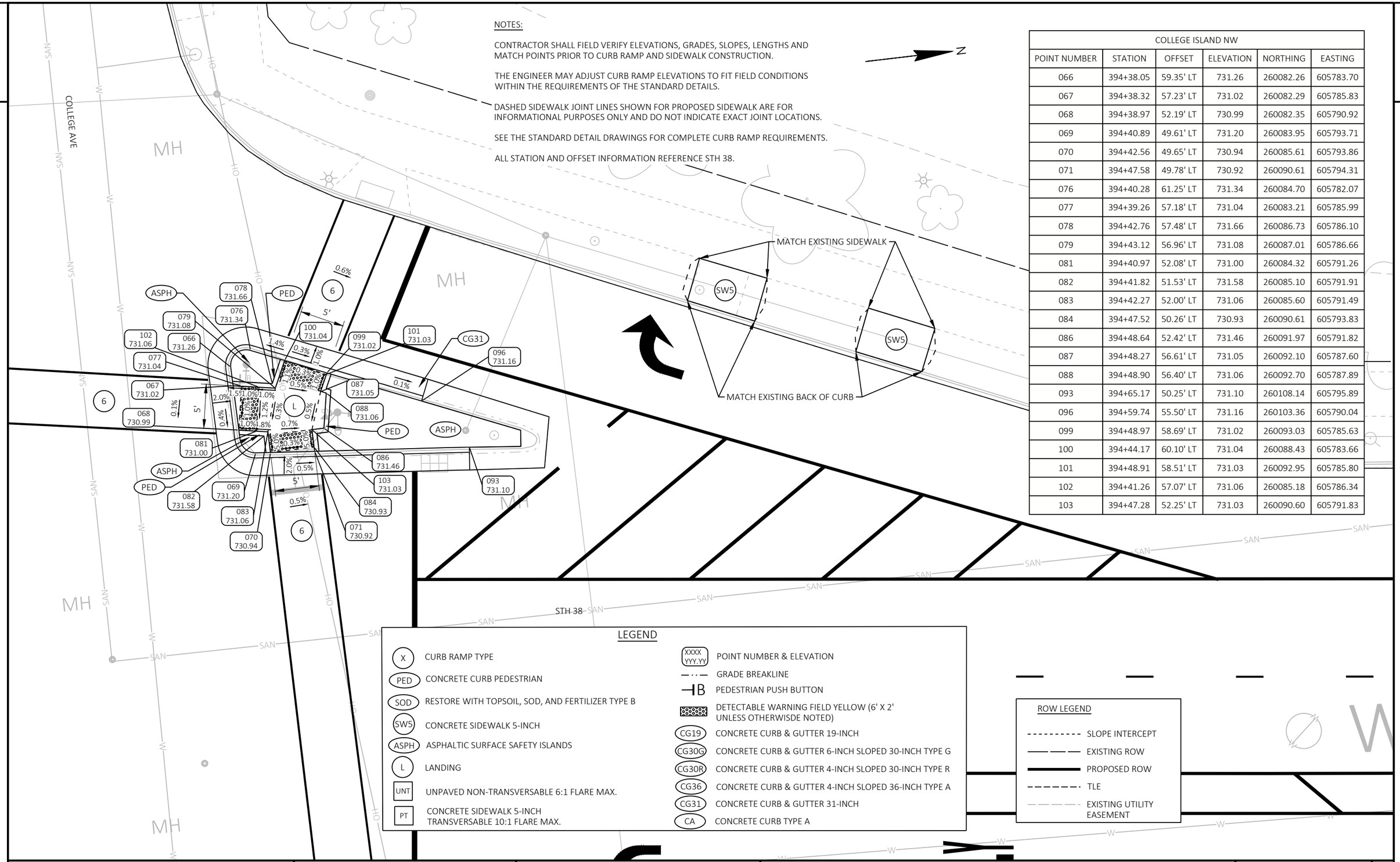
ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

COLLEGE ISLAND NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
066	394+38.05	59.35' LT	731.26	260082.26	605783.70
067	394+38.32	57.23' LT	731.02	260082.29	605785.83
068	394+38.97	52.19' LT	730.99	260082.35	605790.92
069	394+40.89	49.61' LT	731.20	260083.95	605793.71
070	394+42.56	49.65' LT	730.94	260085.61	605793.86
071	394+47.58	49.78' LT	730.92	260090.61	605794.31
076	394+40.28	61.25' LT	731.34	260084.70	605782.07
077	394+39.26	57.18' LT	731.04	260083.21	605785.99
078	394+42.76	57.48' LT	731.66	260086.73	605786.10
079	394+43.12	56.96' LT	731.08	260087.01	605786.66
081	394+40.97	52.08' LT	731.00	260084.32	605791.26
082	394+41.82	51.53' LT	731.58	260085.10	605791.91
083	394+42.27	52.00' LT	731.06	260085.60	605791.49
084	394+47.52	50.26' LT	730.93	260090.61	605793.83
086	394+48.64	52.42' LT	731.46	260091.97	605791.82
087	394+48.27	56.61' LT	731.05	260092.10	605787.60
088	394+48.90	56.40' LT	731.06	260092.70	605787.89
093	394+65.17	50.25' LT	731.10	260108.14	605795.89
096	394+59.74	55.50' LT	731.16	260103.36	605790.04
099	394+48.97	58.69' LT	731.02	260093.03	605785.63
100	394+44.17	60.10' LT	731.04	260088.43	605783.66
101	394+48.91	58.51' LT	731.03	260092.95	605785.80
102	394+41.26	57.07' LT	731.06	260085.18	605786.34
103	394+47.28	52.25' LT	731.03	260090.60	605791.83



LEGEND

X — CURB RAMP TYPE	XXXX / YYY.YY — POINT NUMBER & ELEVATION
PED — CONCRETE CURB PEDESTRIAN	GRADE BREAKLINE
SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B	B — PEDESTRIAN PUSH BUTTON
SW5 — CONCRETE SIDEWALK 5-INCH	DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
ASPH — ASPHALTIC SURFACE SAFETY ISLANDS	CG19 — CONCRETE CURB & GUTTER 19-INCH
L — LANDING	CG30G — CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
UNT — UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.	CG30R — CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
PT — CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.	CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
	CG31 — CONCRETE CURB & GUTTER 31-INCH
	CA — CONCRETE CURB TYPE A

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - COLLEGE AVE ISLAND NW	SHEET 190	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021309-CR_COLLEGEAVE.DWG
LAYOUT NAME - 03
PLOT DATE : 7/15/2026 2:56 PM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

LEGEND

- X — CURB RAMP TYPE
- PED — CONCRETE CURB PEDESTRIAN
- SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- SW5 — CONCRETE SIDEWALK 5-INCH
- ASPH — ASPHALTIC SURFACE SAFETY ISLANDS
- L — LANDING
- UNT — UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- PT — CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
- XXXX YYY.YY — POINT NUMBER & ELEVATION
- GRADE BREAKLINE
- PEDESTRIAN PUSH BUTTON
- DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
- CG19 — CONCRETE CURB & GUTTER 19-INCH
- CG30G — CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
- CG30R — CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
- CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- CG31 — CONCRETE CURB & GUTTER 31-INCH
- CA — CONCRETE CURB TYPE A

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

THE ENGINEER MAY ADJUST CURB RAMP ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE REQUIREMENTS OF THE STANDARD DETAILS.

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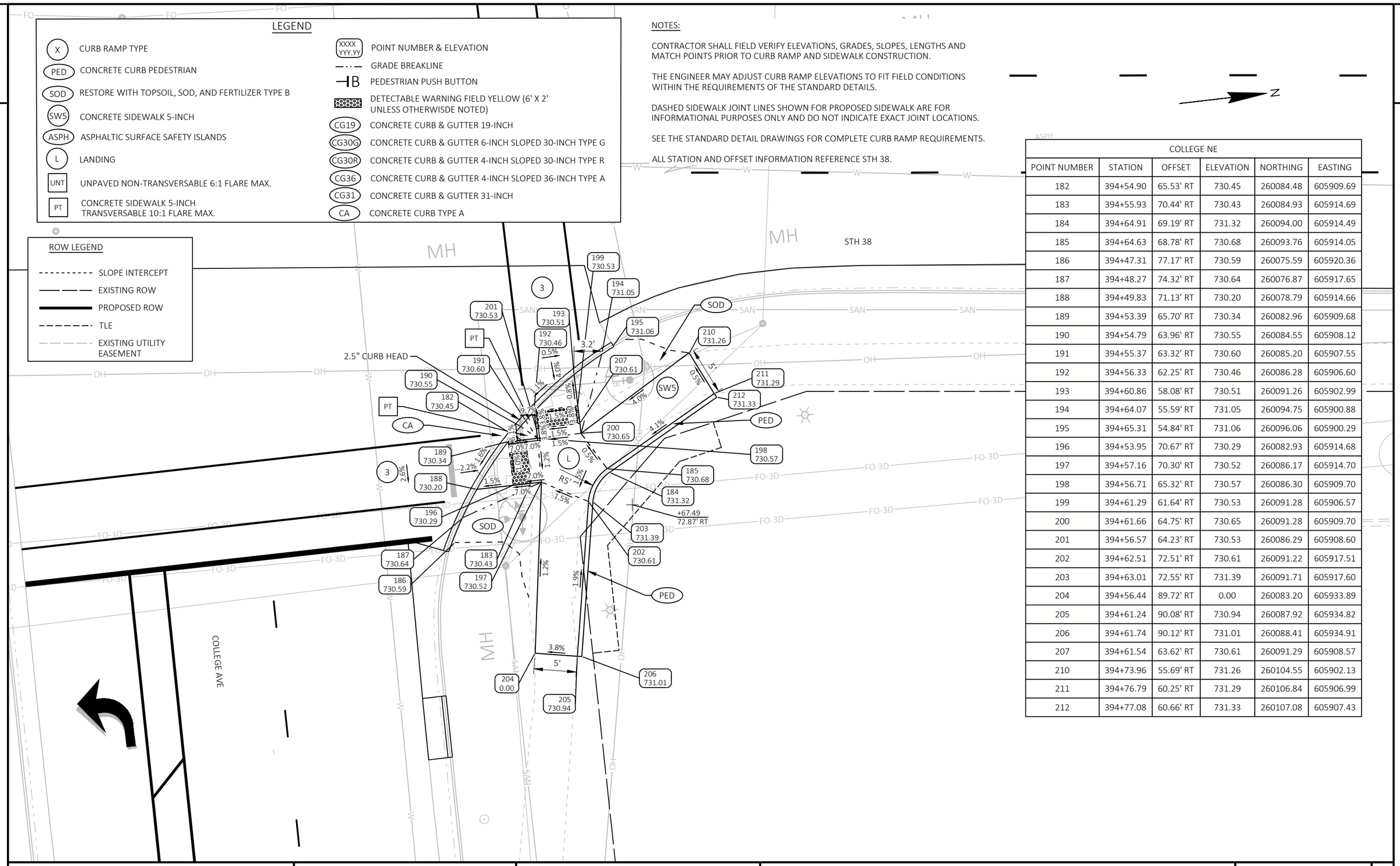
SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.



COLLEGE NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
182	394+54.90	65.53' RT	730.45	260084.48	605909.69
183	394+55.93	70.44' RT	730.43	260084.93	605914.69
184	394+64.91	69.19' RT	731.32	260094.00	605914.49
185	394+64.63	68.78' RT	730.68	260093.76	605914.05
186	394+47.31	77.17' RT	730.59	260075.59	605920.36
187	394+48.27	74.32' RT	730.64	260076.87	605917.65
188	394+49.83	71.13' RT	730.20	260078.79	605914.66
189	394+53.39	65.70' RT	730.34	260082.96	605909.68
190	394+54.79	63.96' RT	730.55	260084.55	605908.12
191	394+55.37	63.32' RT	730.60	260085.20	605907.55
192	394+56.33	62.25' RT	730.46	260086.28	605906.60
193	394+60.86	58.08' RT	730.51	260091.26	605902.99
194	394+64.07	55.59' RT	731.05	260094.75	605900.88
195	394+65.31	54.84' RT	731.06	260096.06	605900.29
196	394+53.95	70.67' RT	730.29	260082.93	605914.68
197	394+57.16	70.30' RT	730.52	260086.17	605914.70
198	394+56.71	65.32' RT	730.57	260086.30	605909.70
199	394+61.29	61.64' RT	730.53	260091.28	605906.57
200	394+61.66	64.75' RT	730.65	260091.28	605909.70
201	394+56.57	64.23' RT	730.53	260086.29	605908.60
202	394+62.51	72.51' RT	730.61	260091.22	605917.51
203	394+63.01	72.55' RT	731.39	260091.71	605917.60
204	394+56.44	89.72' RT	0.00	260083.20	605933.89
205	394+61.24	90.08' RT	730.94	260087.92	605934.82
206	394+61.74	90.12' RT	731.01	260088.41	605934.91
207	394+61.54	63.62' RT	730.61	260091.29	605908.57
210	394+73.96	55.69' RT	731.26	260104.55	605902.13
211	394+76.79	60.25' RT	731.29	260106.84	605906.99
212	394+77.08	60.66' RT	731.33	260107.08	605907.43

UNCAS SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
233	402+68.16	69.17' LT	722.36	260894.39	605802.59
234	402+56.66	50.52' LT	722.62	260884.89	605822.48
239	402+32.43	48.57' LT	722.89	260861.40	605827.18
240	402+37.95	48.59' LT	722.86	260866.77	605826.55
241	402+41.02	48.60' LT	722.58	260869.75	605826.20
242	402+46.12	48.61' LT	722.51	260874.71	605825.62
243	402+48.11	48.60' LT	722.55	260876.64	605825.40
244	402+49.19	48.62' LT	722.58	260877.69	605825.25
245	402+61.20	53.47' LT	722.33	260889.13	605819.00
246	402+65.25	58.44' LT	722.22	260892.67	605813.59
247	402+66.66	61.42' LT	722.41	260893.75	605810.47
248	402+67.83	66.25' LT	722.34	260894.38	605805.53
251	402+41.00	53.68' LT	722.70	260869.15	605821.15
252	402+46.15	53.64' LT	722.63	260874.15	605820.62
253	402+40.99	58.69' LT	722.78	260868.56	605816.18
254	402+46.12	58.64' LT	722.71	260873.54	605815.65
255	402+27.56	53.70' LT	723.26	260856.10	605822.60
256	402+27.59	58.70' LT	723.31	260855.59	605817.63
257	402+61.24	58.47' LT	722.25	260888.60	605814.03
258	402+59.28	58.49' LT	722.35	260886.61	605814.25

UNCAS SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
260	402+54.33	53.55' LT	722.50	260882.17	605819.75
261	402+59.23	53.49' LT	722.43	260887.14	605819.22
262	402+54.38	58.55' LT	722.43	260881.64	605814.78
264	402+56.90	74.00' LT	723.01	260882.37	605799.13
265	402+60.97	73.47' LT	722.88	260886.58	605799.17
266	402+60.40	68.55' LT	722.76	260886.57	605804.12
267	402+56.10	69.07' LT	722.82	260882.13	605804.13
268	402+54.65	49.65' LT	722.66	260882.96	605823.58
269	402+60.34	52.76' LT	722.39	260888.35	605819.82
270	402+64.72	57.57' LT	722.24	260892.23	605814.52

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

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ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

LEGEND

- X — CURB RAMP TYPE
- PED — CONCRETE CURB PEDESTRIAN
- SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- SW5 — CONCRETE SIDEWALK 5-INCH
- ASPH — ASPHALTIC SURFACE SAFETY ISLANDS
- LL — LEVEL LANDING
- UNT — UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- PT — CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
- XXXX YYY.YY — POINT NUMBER & ELEVATION
- GRADE BREAKLINE
- B — PEDESTRIAN PUSH BUTTON
- DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
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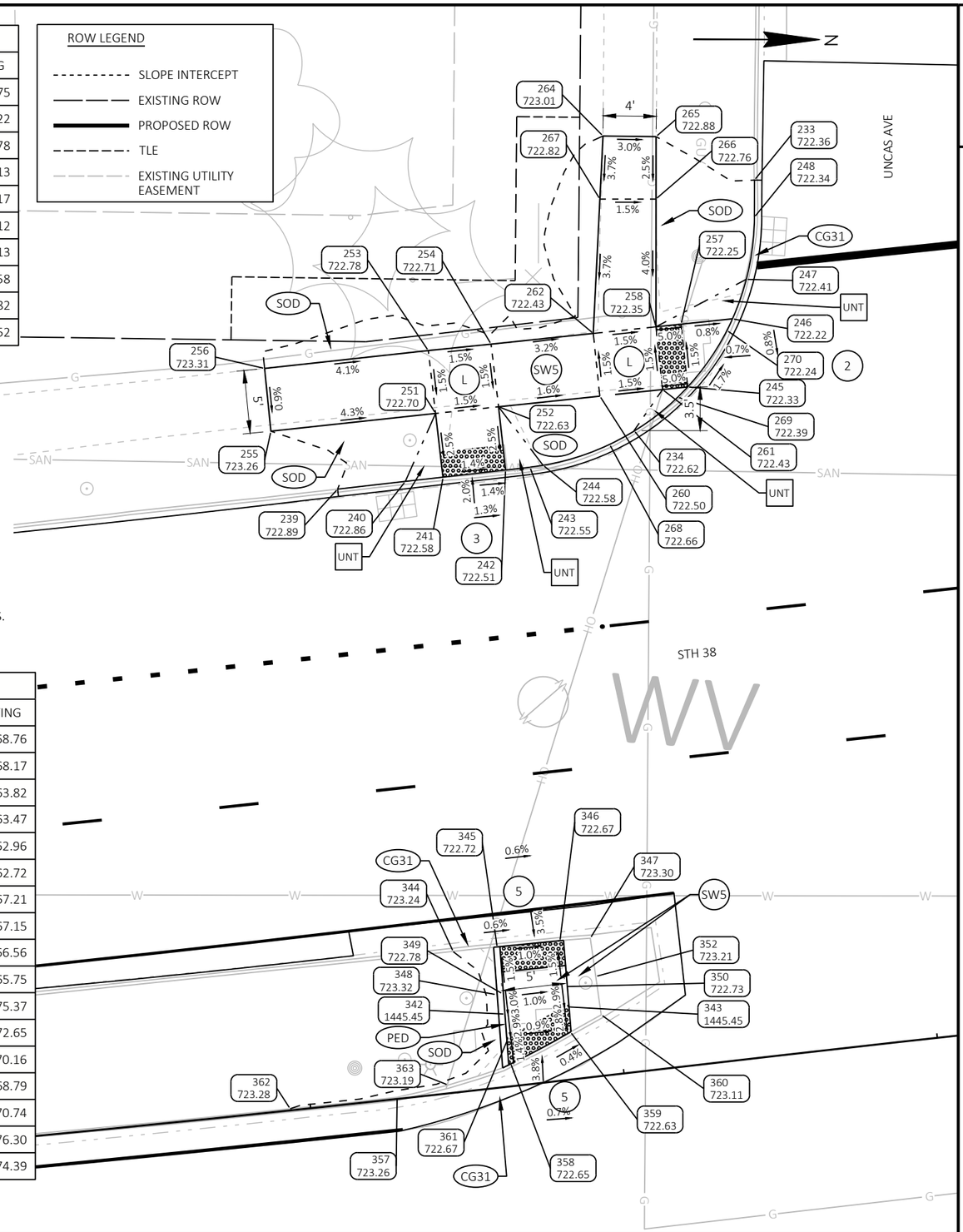
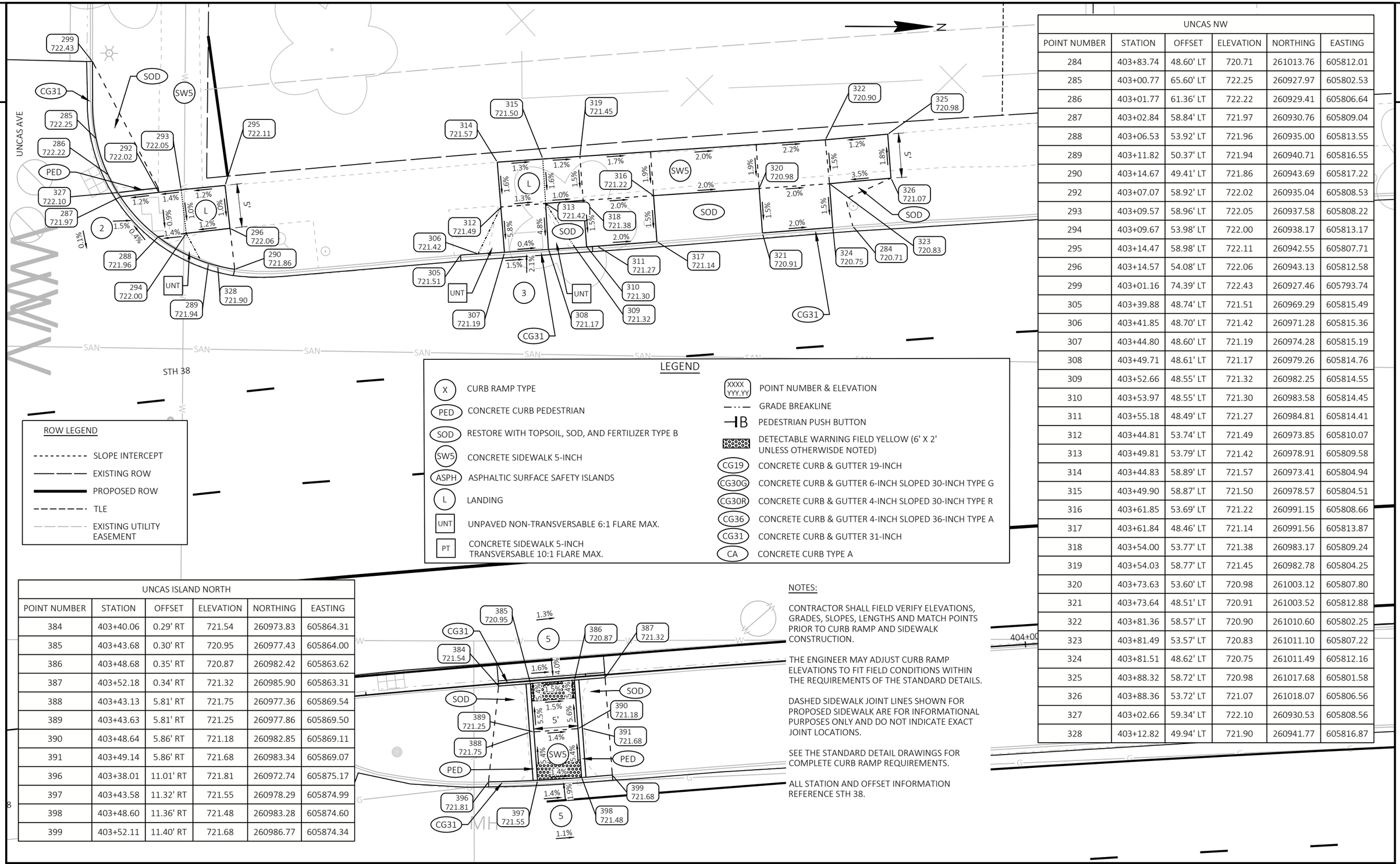
- CG30G — CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
- CG30R — CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
- CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- CG31 — CONCRETE CURB & GUTTER 31-INCH
- CA — CONCRETE CURB TYPE A

UNCAS ISLAND SOUTH					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
342	402+41.14	5.75' LT	1445.45	260874.78	605868.76
343	402+46.15	5.76' LT	1445.45	260879.74	605868.17
344	402+37.61	11.12' LT	723.24	260870.67	605863.82
345	402+41.13	11.08' LT	722.72	260874.15	605863.47
346	402+46.15	11.00' LT	722.67	260879.13	605862.96
347	402+48.58	10.96' LT	723.30	260881.53	605862.72
348	402+40.62	7.36' LT	723.32	260874.08	605867.21
349	402+41.14	7.37' LT	722.78	260874.59	605867.15
350	402+46.15	7.38' LT	722.73	260879.55	605866.56
352	402+48.66	7.90' LT	723.21	260881.97	605865.75
357	402+31.91	0.14' LT	723.26	260866.25	605875.37
358	402+41.15	1.83' LT	722.65	260875.24	605872.65
359	402+46.16	3.76' LT	722.63	260879.98	605870.16
360	402+48.73	4.83' LT	723.11	260882.41	605868.79
361	402+41.15	3.75' LT	722.67	260875.01	605870.74
362	402+23.38	0.13' LT	723.28	260857.77	605876.30
363	402+36.03	0.66' LT	723.19	260870.29	605874.39



PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - UNCAS AVE SW & ISLAND SOUTH	SHEET 192	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021309-CR_COLLEGEAVE.DWG
LAYOUT NAME - 05
PLOT DATE : 7/15/2026 2:57 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42



ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

LEGEND

- X — CURB RAMP TYPE
- PED — CONCRETE CURB PEDESTRIAN
- SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- SW5 — CONCRETE SIDEWALK 5-INCH
- ASPH — ASPHALTIC SURFACE SAFETY ISLANDS
- L — LANDING
- UNT — UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- PT — CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
- XXXX YYY.YY — POINT NUMBER & ELEVATION
- GRADE BREAKLINE
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- DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
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- CG30G — CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
- CG30R — CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
- CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- CG31 — CONCRETE CURB & GUTTER 31-INCH
- CA — CONCRETE CURB TYPE A

UNCAS NW

POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
284	403+83.74	48.60' LT	720.71	261013.76	605812.01
285	403+00.77	65.60' LT	722.25	260927.97	605802.53
286	403+01.77	61.36' LT	722.22	260929.41	605806.64
287	403+02.84	58.84' LT	721.97	260930.76	605809.04
288	403+06.53	53.92' LT	721.96	260935.00	605813.55
289	403+11.82	50.37' LT	721.94	260940.71	605816.55
290	403+14.67	49.41' LT	721.86	260943.69	605817.22
292	403+07.07	58.92' LT	722.02	260935.04	605808.53
293	403+09.57	58.96' LT	722.05	260937.58	605808.22
294	403+09.67	53.98' LT	722.00	260938.17	605813.17
295	403+14.47	58.98' LT	722.11	260942.55	605807.71
296	403+14.57	54.08' LT	722.06	260943.13	605812.58
299	403+01.16	74.39' LT	722.43	260927.46	605793.74
305	403+39.88	48.74' LT	721.51	260969.29	605815.49
306	403+41.85	48.70' LT	721.42	260971.28	605815.36
307	403+44.80	48.60' LT	721.19	260974.28	605815.19
308	403+49.71	48.61' LT	721.17	260979.26	605814.76
309	403+52.66	48.55' LT	721.32	260982.25	605814.55
310	403+53.97	48.55' LT	721.30	260983.58	605814.45
311	403+55.18	48.49' LT	721.27	260984.81	605814.41
312	403+44.81	53.74' LT	721.49	260973.85	605810.07
313	403+49.81	53.79' LT	721.42	260978.91	605809.58
314	403+44.83	58.89' LT	721.57	260973.41	605804.94
315	403+49.90	58.87' LT	721.50	260978.57	605804.51
316	403+61.85	53.69' LT	721.22	260991.15	605808.66
317	403+61.84	48.46' LT	721.14	260991.56	605813.87
318	403+54.00	53.77' LT	721.38	260983.17	605809.24
319	403+54.03	58.77' LT	721.45	260982.78	605804.25
320	403+73.63	53.60' LT	720.98	261003.12	605807.80
321	403+73.64	48.51' LT	720.91	261003.52	605812.88
322	403+81.36	58.57' LT	720.90	261010.60	605802.25
323	403+81.49	53.57' LT	720.83	261011.10	605807.22
324	403+81.51	48.62' LT	720.75	261011.49	605812.16
325	403+88.32	58.72' LT	720.98	261017.68	605801.58
326	403+88.36	53.72' LT	721.07	261018.07	605806.56
327	403+02.66	59.34' LT	722.10	260930.53	605808.56
328	403+12.82	49.94' LT	721.90	260941.77	605816.87

UNCAS ISLAND NORTH

POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
384	403+40.06	0.29' RT	721.54	260973.83	605864.31
385	403+43.68	0.30' RT	720.95	260977.43	605864.00
386	403+48.68	0.35' RT	720.87	260982.42	605863.62
387	403+52.18	0.34' RT	721.32	260985.90	605863.31
388	403+43.13	5.81' RT	721.75	260977.36	605869.54
389	403+43.63	5.81' RT	721.25	260977.86	605869.50
390	403+48.64	5.86' RT	721.18	260982.85	605869.11
391	403+49.14	5.86' RT	721.68	260983.34	605869.07
396	403+38.01	11.01' RT	721.81	260972.74	605875.17
397	403+43.58	11.32' RT	721.55	260978.29	605874.99
398	403+48.60	11.36' RT	721.48	260983.28	605874.60
399	403+52.11	11.40' RT	721.68	260986.77	605874.34

NOTES:

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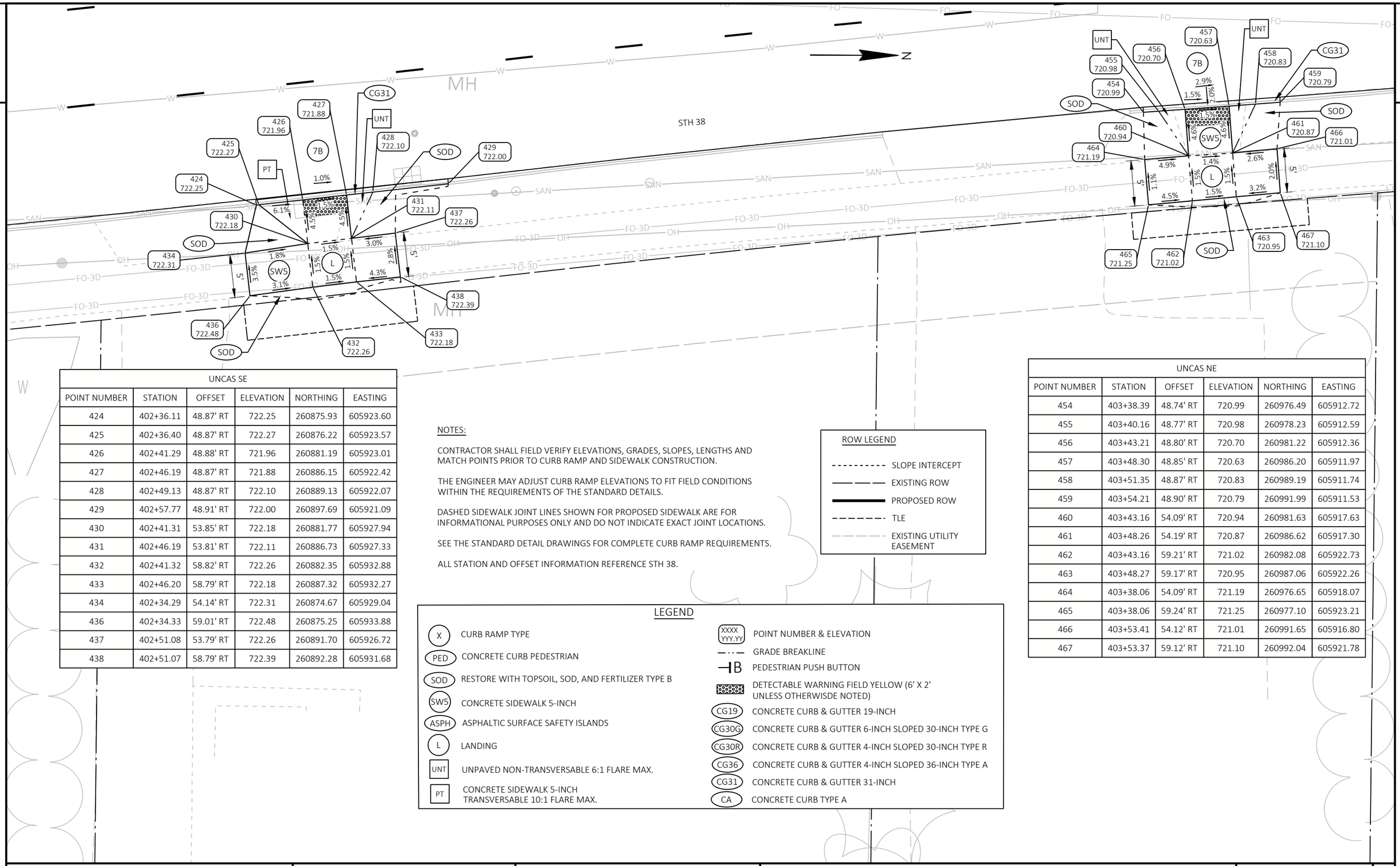
ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - UNCAS AVE NW & ISLAND NORTH	SHEET 193	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021309-CR_COLLEGEAVE.DWG
LAYOUT NAME - 06
PLOT DATE : 7/15/2026 2:57 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42



UNCAS SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
424	402+36.11	48.87' RT	722.25	260875.93	605923.60
425	402+36.40	48.87' RT	722.27	260876.22	605923.57
426	402+41.29	48.88' RT	721.96	260881.19	605923.01
427	402+46.19	48.87' RT	721.88	260886.15	605922.42
428	402+49.13	48.87' RT	722.10	260889.13	605922.07
429	402+57.77	48.91' RT	722.00	260897.69	605921.09
430	402+41.31	53.85' RT	722.18	260881.77	605927.94
431	402+46.19	53.81' RT	722.11	260886.73	605927.33
432	402+41.32	58.82' RT	722.26	260882.35	605932.88
433	402+46.20	58.79' RT	722.18	260887.32	605932.27
434	402+34.29	54.14' RT	722.31	260874.67	605929.04
436	402+34.33	59.01' RT	722.48	260875.25	605933.88
437	402+51.08	53.79' RT	722.26	260891.70	605926.72
438	402+51.07	58.79' RT	722.39	260892.28	605931.68

NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

THE ENGINEER MAY ADJUST CURB RAMP ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE REQUIREMENTS OF THE STANDARD DETAILS.

DASHED SIDEWALK JOINT LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATIONAL PURPOSES ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.

SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

LEGEND

- (X) CURB RAMP TYPE
- (PED) CONCRETE CURB PEDESTRIAN
- (SOD) RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- (SW5) CONCRETE SIDEWALK 5-INCH
- (ASPH) ASPHALTIC SURFACE SAFETY ISLANDS
- (L) LANDING
- [UNT] UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- [PT] CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
- (XXXX YYY.YY) POINT NUMBER & ELEVATION
- GRADE BREAKLINE
- PEDESTRIAN PUSH BUTTON
- DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
- (CG19) CONCRETE CURB & GUTTER 19-INCH
- (CG30G) CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
- (CG30R) CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
- (CG36) CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- (CG31) CONCRETE CURB & GUTTER 31-INCH
- (CA) CONCRETE CURB TYPE A

UNCAS NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
454	403+38.39	48.74' RT	720.99	260976.49	605912.72
455	403+40.16	48.77' RT	720.98	260978.23	605912.59
456	403+43.21	48.80' RT	720.70	260981.22	605912.36
457	403+48.30	48.85' RT	720.63	260986.20	605911.97
458	403+51.35	48.87' RT	720.83	260989.19	605911.74
459	403+54.21	48.90' RT	720.79	260991.99	605911.53
460	403+43.16	54.09' RT	720.94	260981.63	605917.63
461	403+48.26	54.19' RT	720.87	260986.62	605917.30
462	403+43.16	59.21' RT	721.02	260982.08	605922.73
463	403+48.27	59.17' RT	720.95	260987.06	605922.26
464	403+38.06	54.09' RT	721.19	260976.65	605918.07
465	403+38.06	59.24' RT	721.25	260977.10	605923.21
466	403+53.41	54.12' RT	721.01	260991.65	605916.80
467	403+53.37	59.12' RT	721.10	260992.04	605921.78

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - UNCAS AVE SE & NE	SHEET 194	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021309-CR_COLLEGEAVE.DWG
LAYOUT NAME - 07
PLOT DATE : 7/15/2026 2:57 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

2

LEGEND

- X — CURB RAMP TYPE
- PED — CONCRETE CURB PEDESTRIAN
- SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- SW5 — CONCRETE SIDEWALK 5-INCH
- ASPH — ASPHALTIC SURFACE SAFETY ISLANDS
- L — LANDING
- UNT — UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- PT — CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
- XXXX YYY.YY — POINT NUMBER & ELEVATION
- GRADE BREAKLINE
- B — PEDESTRIAN PUSH BUTTON
- DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
- CG19 — CONCRETE CURB & GUTTER 19-INCH
- CG30G — CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
- CG30R — CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
- CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- CG31 — CONCRETE CURB & GUTTER 31-INCH
- CA — CONCRETE CURB TYPE A

BODEN SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
487	409+68.21	48.78' LT	711.52	261602.14	605808.01
488	409+71.14	48.77' LT	711.38	261605.06	605808.06
489	409+74.14	48.75' LT	711.03	261608.07	605808.11
490	409+77.67	48.74' LT	710.97	261611.60	605808.16
491	409+79.13	48.80' LT	710.95	261613.06	605808.12
492	409+82.18	49.30' LT	711.09	261616.11	605807.65
493	409+86.97	51.28' LT	710.86	261620.93	605805.72
494	409+90.44	54.25' LT	710.31	261624.42	605802.80
495	409+93.69	59.25' LT	710.18	261627.74	605797.83
496	409+94.94	62.25' LT	710.37	261629.01	605794.85
497	409+95.73	65.15' LT	710.32	261629.84	605791.95
498	409+74.04	54.22' LT	711.08	261608.03	605802.64
499	409+79.04	54.24' LT	711.00	261613.03	605802.67
500	409+73.96	59.23' LT	711.11	261608.01	605797.63

BODEN SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
501	409+78.96	59.24' LT	711.03	261613.01	605797.67
502	409+64.04	54.18' LT	711.78	261598.03	605802.57
503	409+63.96	59.16' LT	711.82	261598.01	605797.58
504	409+90.43	59.25' LT	710.23	261624.48	605797.80
505	409+84.44	54.27' LT	710.72	261618.43	605802.70
506	409+84.43	59.24' LT	710.65	261618.48	605797.73
507	409+58.96	59.13' LT	711.89	261593.01	605797.56
508	409+59.04	54.15' LT	711.85	261593.03	605802.54
509	409+80.70	48.98' LT	711.02	261614.63	605807.95
510	409+83.64	49.73' LT	711.03	261617.58	605807.24
511	409+86.42	50.95' LT	710.90	261620.37	605806.04
512	409+91.46	55.55' LT	710.27	261625.46	605801.50
513	409+93.33	58.54' LT	710.20	261627.37	605798.54
514	409+94.76	61.76' LT	710.34	261628.84	605795.33

NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

THE ENGINEER MAY ADJUST CURB RAMP ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE REQUIREMENTS OF THE STANDARD DETAILS.

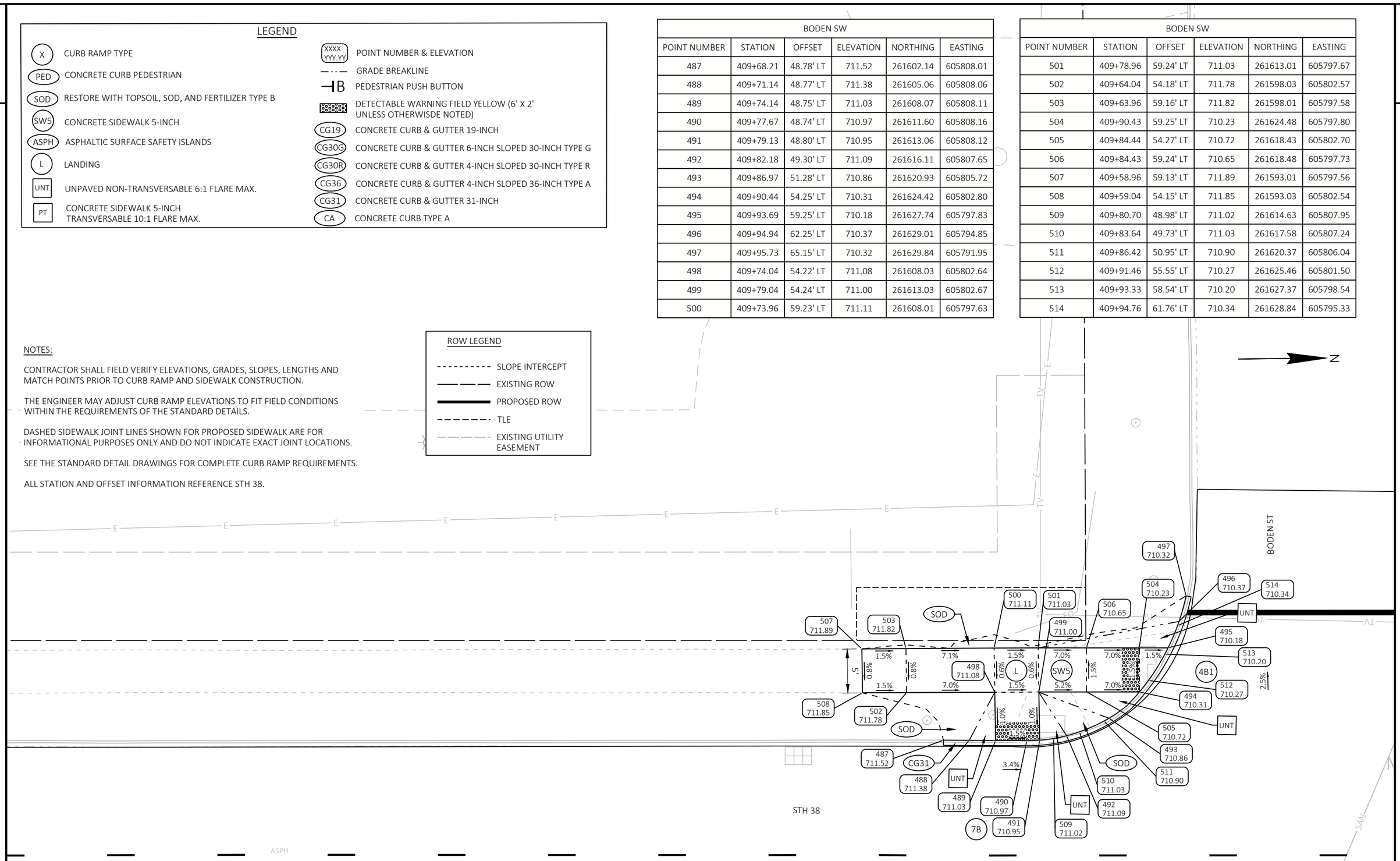
DASHED SIDEWALK JOINT LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATIONAL PURPOSES ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.

SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

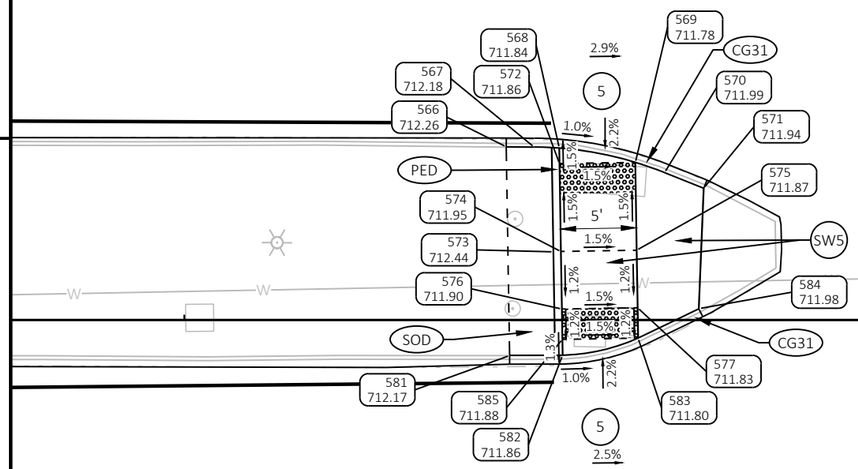
ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT



PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - BODEN ST SW	SHEET 195	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021309-CR_COLLEGEAVE.DWG
LAYOUT NAME - 08
PLOT DATE : 7/15/2026 2:58 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42



BODEN ISLAND SOUTH					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
566	409+71.24	11.42' LT	712.26	261604.75	605845.40
567	409+73.08	11.41' LT	712.18	261606.58	605845.43
568	409+74.74	11.34' LT	711.84	261608.25	605845.52
569	409+79.75	10.39' LT	711.78	261613.25	605846.53
570	409+81.68	9.72' LT	711.99	261615.17	605847.22
571	409+84.27	8.69' LT	711.94	261617.75	605848.28
572	409+74.75	10.32' LT	711.86	261608.25	605846.55
573	409+74.35	4.50' LT	712.44	261607.78	605852.36
574	409+74.85	4.52' LT	711.95	261608.28	605852.34
575	409+79.85	4.60' LT	711.87	261613.28	605852.32
576	409+74.91	0.72' LT	711.90	261608.30	605856.14
577	409+79.91	0.80' LT	711.83	261613.30	605856.12
581	409+71.46	2.35' RT	712.17	261604.81	605859.17
582	409+74.96	2.33' RT	711.86	261608.31	605859.19
583	409+79.94	1.19' RT	711.80	261613.31	605858.12
584	409+83.98	0.75' LT	711.98	261617.36	605856.22
585	409+74.94	1.28' RT	711.88	261608.31	605858.14

NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

THE ENGINEER MAY ADJUST CURB RAMP ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE REQUIREMENTS OF THE STANDARD DETAILS.

DASHED SIDEWALK JOINT LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATIONAL PURPOSES ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.

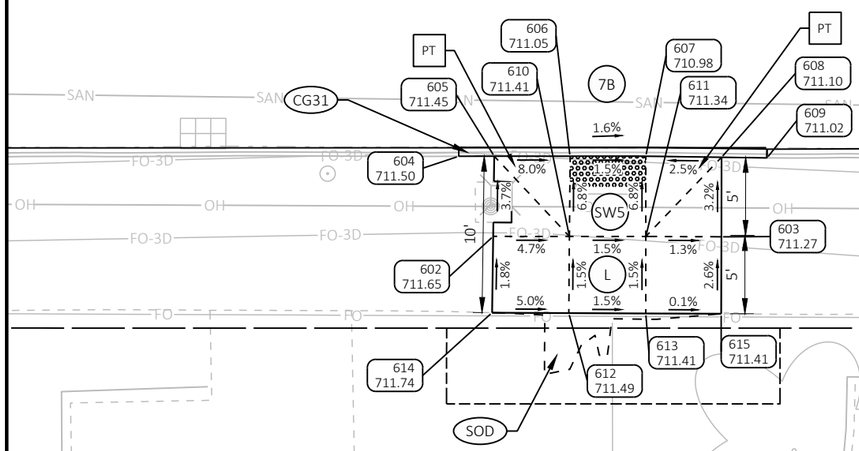
SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

STH 38

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT



BODEN SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
602	409+70.64	53.93' RT	711.65	261603.41	605910.75
603	409+85.69	53.97' RT	711.27	261618.46	605910.95
604	409+68.37	48.65' RT	711.50	261601.20	605905.44
605	409+70.71	48.64' RT	711.45	261603.55	605905.46
606	409+75.71	48.65' RT	711.05	261608.54	605905.52
607	409+80.71	48.65' RT	710.98	261613.55	605905.57
608	409+85.70	48.72' RT	711.10	261618.53	605905.70
609	409+88.71	48.76' RT	711.02	261621.54	605905.78
610	409+75.67	53.94' RT	711.41	261608.45	605910.81
611	409+80.71	53.94' RT	711.34	261613.49	605910.86
612	409+75.63	59.00' RT	711.49	261608.35	605915.87
613	409+80.71	59.02' RT	711.41	261613.43	605915.94
614	409+70.57	58.97' RT	711.74	261603.28	605915.78
615	409+85.69	59.04' RT	711.41	261618.40	605916.02

LEGEND

- X — CURB RAMP TYPE
- PED — CONCRETE CURB PEDESTRIAN
- SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- SW5 — CONCRETE SIDEWALK 5-INCH
- ASPH — ASPHALTIC SURFACE SAFETY ISLANDS
- LL — LEVEL LANDING
- UNT — UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- PT — CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
- XXXX YYY.YY — POINT NUMBER & ELEVATION
- GRADE BREAKLINE
- B — PEDESTRIAN PUSH BUTTON
- DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
- CG19 — CONCRETE CURB & GUTTER 19-INCH
- CG30G — CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
- CG30R — CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
- CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- CG31 — CONCRETE CURB & GUTTER 31-INCH
- CA — CONCRETE CURB TYPE A

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - BODEN ST ISLAND SOUTH & SE	SHEET 196	E

LEGEND

X — CURB RAMP TYPE	XXXX YYY.YY — POINT NUMBER & ELEVATION
PED — CONCRETE CURB PEDESTRIAN	GRADE BREAKLINE
SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B	PEDESTRIAN PUSH BUTTON
SW5 — CONCRETE SIDEWALK 5-INCH	DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
ASPH — ASPHALTIC SURFACE SAFETY ISLANDS	CG19 — CONCRETE CURB & GUTTER 19-INCH
L — LANDING	CG30G — CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
UNT — UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.	CG30R — CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
PT — CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.	CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
	CG31 — CONCRETE CURB & GUTTER 31-INCH
	CA — CONCRETE CURB TYPE A

NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

THE ENGINEER MAY ADJUST CURB RAMP ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE REQUIREMENTS OF THE STANDARD DETAILS.

DASHED SIDEWALK JOINT LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATIONAL PURPOSES ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.

SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

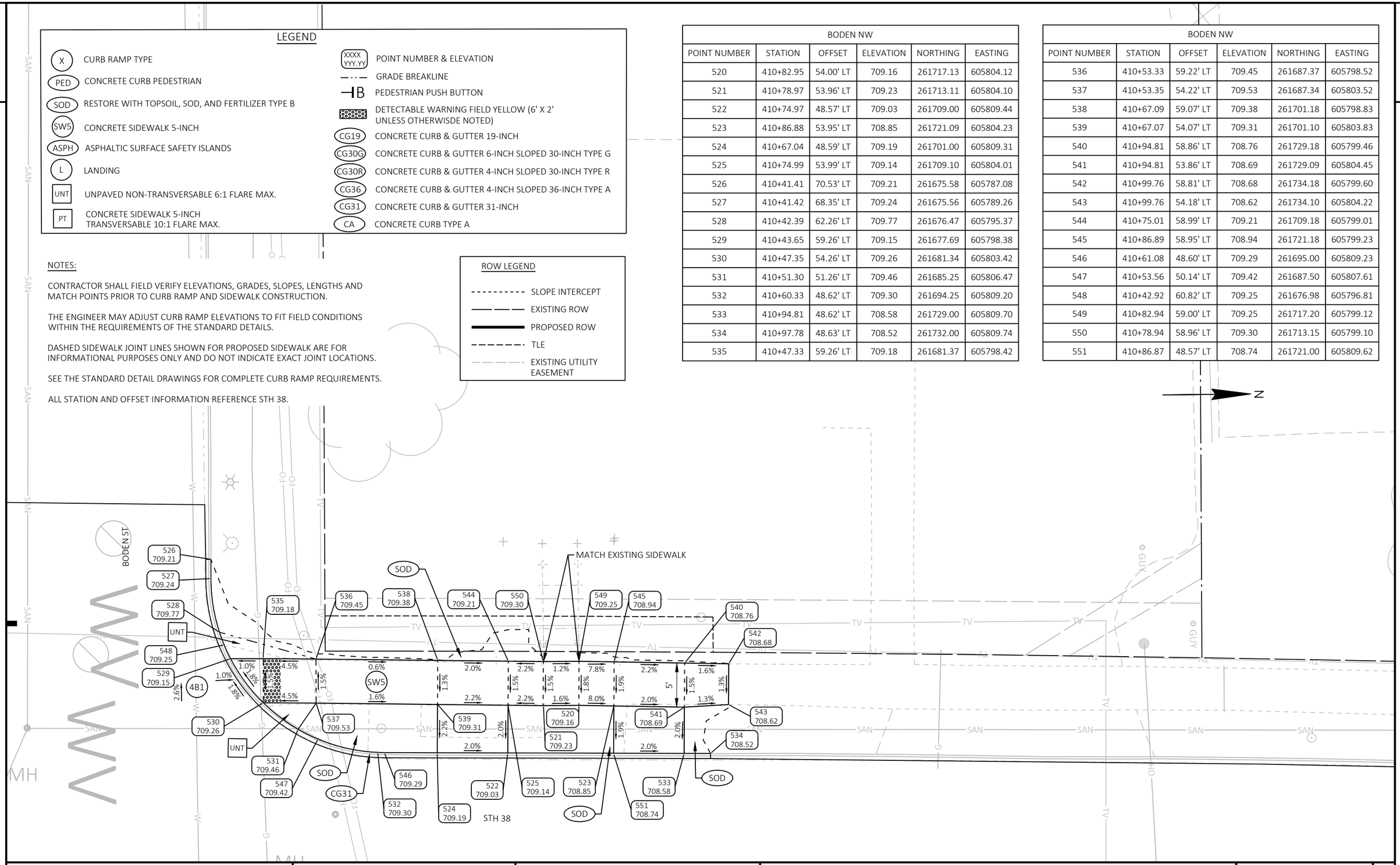
ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

BODEN NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
520	410+82.95	54.00' LT	709.16	261717.13	605804.12
521	410+78.97	53.96' LT	709.23	261713.11	605804.10
522	410+74.97	48.57' LT	709.03	261709.00	605809.44
523	410+86.88	53.95' LT	708.85	261721.09	605804.23
524	410+67.04	48.59' LT	709.19	261701.00	605809.31
525	410+74.99	53.99' LT	709.14	261709.10	605804.01
526	410+41.41	70.53' LT	709.21	261675.58	605787.08
527	410+41.42	68.35' LT	709.24	261675.56	605789.26
528	410+42.39	62.26' LT	709.77	261676.47	605795.37
529	410+43.65	59.26' LT	709.15	261677.69	605798.38
530	410+47.35	54.26' LT	709.26	261681.34	605803.42
531	410+51.30	51.26' LT	709.46	261685.25	605806.47
532	410+60.33	48.62' LT	709.30	261694.25	605809.20
533	410+94.81	48.62' LT	708.58	261729.00	605809.70
534	410+97.78	48.63' LT	708.52	261732.00	605809.74
535	410+47.33	59.26' LT	709.18	261681.37	605798.42

BODEN NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
536	410+53.33	59.22' LT	709.45	261687.37	605798.52
537	410+53.35	54.22' LT	709.53	261687.34	605803.52
538	410+67.09	59.07' LT	709.38	261701.18	605798.83
539	410+67.07	54.07' LT	709.31	261701.10	605803.83
540	410+94.81	58.86' LT	708.76	261729.18	605799.46
541	410+94.81	53.86' LT	708.69	261729.09	605804.45
542	410+99.76	58.81' LT	708.68	261734.18	605799.60
543	410+99.76	54.18' LT	708.62	261734.10	605804.22
544	410+75.01	58.99' LT	709.21	261709.18	605799.01
545	410+86.89	58.95' LT	708.94	261721.18	605799.23
546	410+61.08	48.60' LT	709.29	261695.00	605809.23
547	410+53.56	50.14' LT	709.42	261687.50	605807.61
548	410+42.92	60.82' LT	709.25	261676.98	605796.81
549	410+82.94	59.00' LT	709.25	261717.20	605799.12
550	410+78.94	58.96' LT	709.30	261713.15	605799.10
551	410+86.87	48.57' LT	708.74	261721.00	605809.62



PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - BODEN ST NW	SHEET 197	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021309-CR_COLLEGEAVE.DWG
LAYOUT NAME - 10
PLOT DATE : 7/15/2026 2:58 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

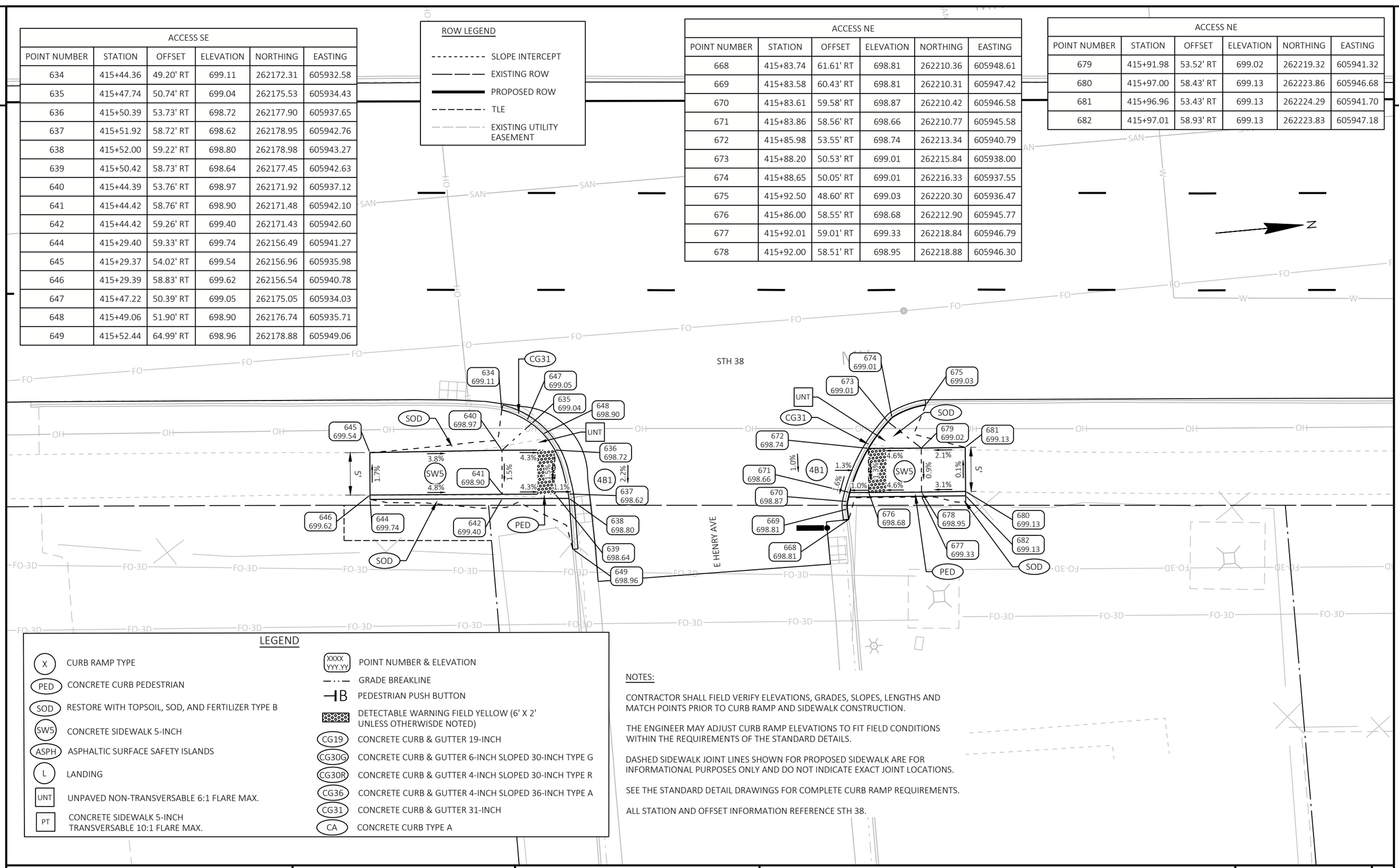
ACCESS SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
634	415+44.36	49.20' RT	699.11	262172.31	605932.58
635	415+47.74	50.74' RT	699.04	262175.53	605934.43
636	415+50.39	53.73' RT	698.72	262177.90	605937.65
637	415+51.92	58.72' RT	698.62	262178.95	605942.76
638	415+52.00	59.22' RT	698.80	262178.98	605943.27
639	415+50.42	58.73' RT	698.64	262177.45	605942.63
640	415+44.39	53.76' RT	698.97	262171.92	605937.12
641	415+44.42	58.76' RT	698.90	262171.48	605942.10
642	415+44.42	59.26' RT	699.40	262171.43	605942.60
644	415+29.40	59.33' RT	699.74	262156.49	605941.27
645	415+29.37	54.02' RT	699.54	262156.96	605935.98
646	415+29.39	58.83' RT	699.62	262156.54	605940.78
647	415+47.22	50.39' RT	699.05	262175.05	605934.03
648	415+49.06	51.90' RT	698.90	262176.74	605935.71
649	415+52.44	64.99' RT	698.96	262178.88	605949.06

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

ACCESS NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
668	415+83.74	61.61' RT	698.81	262210.36	605948.61
669	415+83.58	60.43' RT	698.81	262210.31	605947.42
670	415+83.61	59.58' RT	698.87	262210.42	605946.58
671	415+83.86	58.56' RT	698.66	262210.77	605945.58
672	415+85.98	53.55' RT	698.74	262213.34	605940.79
673	415+88.20	50.53' RT	699.01	262215.84	605938.00
674	415+88.65	50.05' RT	699.01	262216.33	605937.55
675	415+92.50	48.60' RT	699.03	262220.30	605936.47
676	415+86.00	58.55' RT	698.68	262212.90	605945.77
677	415+92.01	59.01' RT	699.33	262218.84	605946.79
678	415+92.00	58.51' RT	698.95	262218.88	605946.30

ACCESS NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
679	415+91.98	53.52' RT	699.02	262219.32	605941.32
680	415+97.00	58.43' RT	699.13	262223.86	605946.68
681	415+96.97	53.43' RT	699.13	262224.29	605941.70
682	415+97.01	58.93' RT	699.13	262223.83	605947.18



LEGEND

- X — CURB RAMP TYPE
- PED — CONCRETE CURB PEDESTRIAN
- SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- SW5 — CONCRETE SIDEWALK 5-INCH
- ASPH — ASPHALTIC SURFACE SAFETY ISLANDS
- L — LANDING
- UNT — UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- PT — CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
- XXXX YYY.YY — POINT NUMBER & ELEVATION
- GRADE BREAKLINE
- B — PEDESTRIAN PUSH BUTTON
- DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
- CG19 — CONCRETE CURB & GUTTER 19-INCH
- CG30G — CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
- CG30R — CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
- CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- CG31 — CONCRETE CURB & GUTTER 31-INCH
- CA — CONCRETE CURB TYPE A

NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

THE ENGINEER MAY ADJUST CURB RAMP ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE REQUIREMENTS OF THE STANDARD DETAILS.

DASHED SIDEWALK JOINT LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATIONAL PURPOSES ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.

SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - HENRY AVE NE	SHEET 198	E

LEGEND

- X — CURB RAMP TYPE
- PED — CONCRETE CURB PEDESTRIAN
- SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- SW5 — CONCRETE SIDEWALK 5-INCH
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- CG31 — CONCRETE CURB & GUTTER 31-INCH
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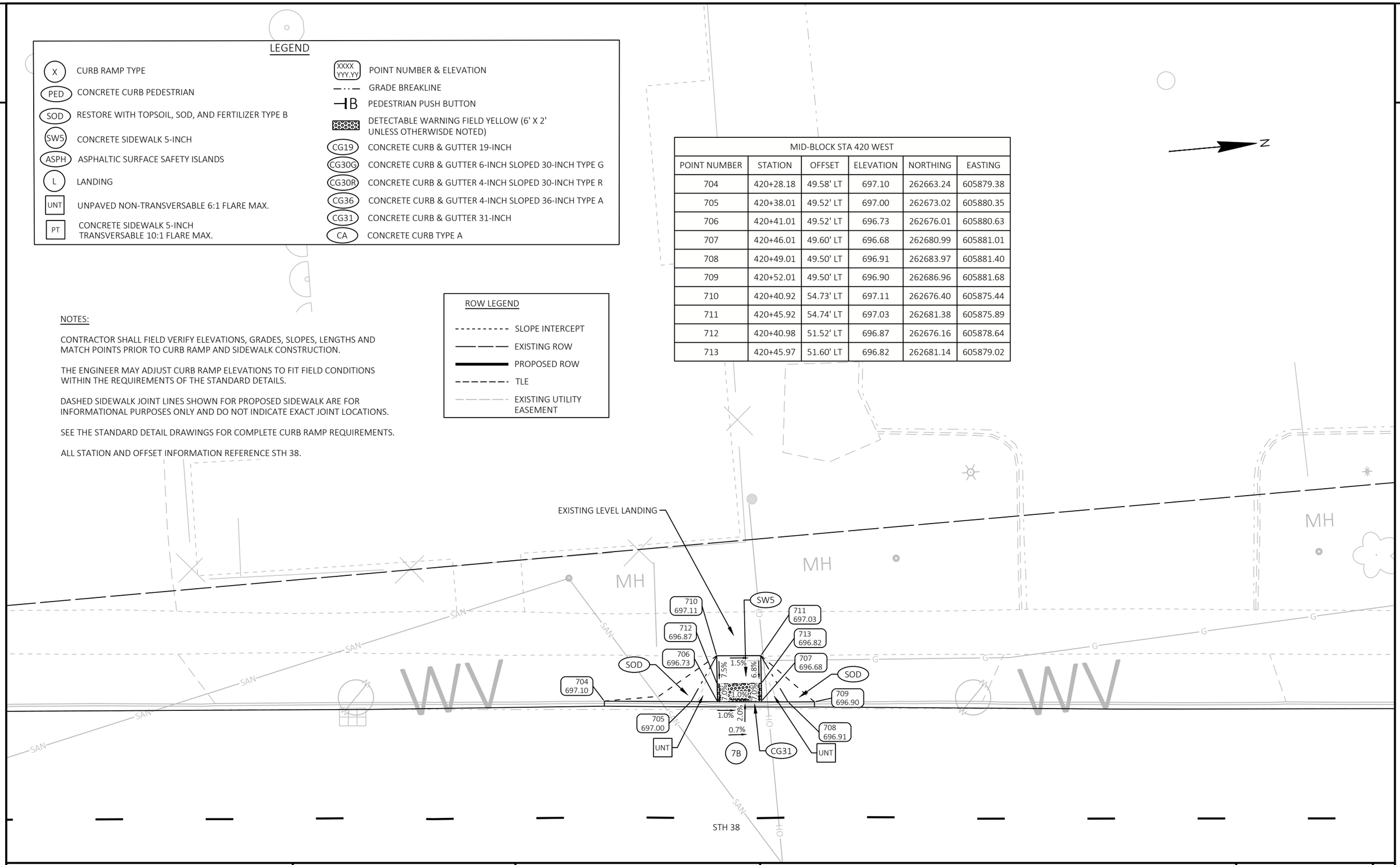
ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

MID-BLOCK STA 420 WEST					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
704	420+28.18	49.58' LT	697.10	262663.24	605879.38
705	420+38.01	49.52' LT	697.00	262673.02	605880.35
706	420+41.01	49.52' LT	696.73	262676.01	605880.63
707	420+46.01	49.60' LT	696.68	262680.99	605881.01
708	420+49.01	49.50' LT	696.91	262683.97	605881.40
709	420+52.01	49.50' LT	696.90	262686.96	605881.68
710	420+40.92	54.73' LT	697.11	262676.40	605875.44
711	420+45.92	54.74' LT	697.03	262681.38	605875.89
712	420+40.98	51.52' LT	696.87	262676.16	605878.64
713	420+45.97	51.60' LT	696.82	262681.14	605879.02

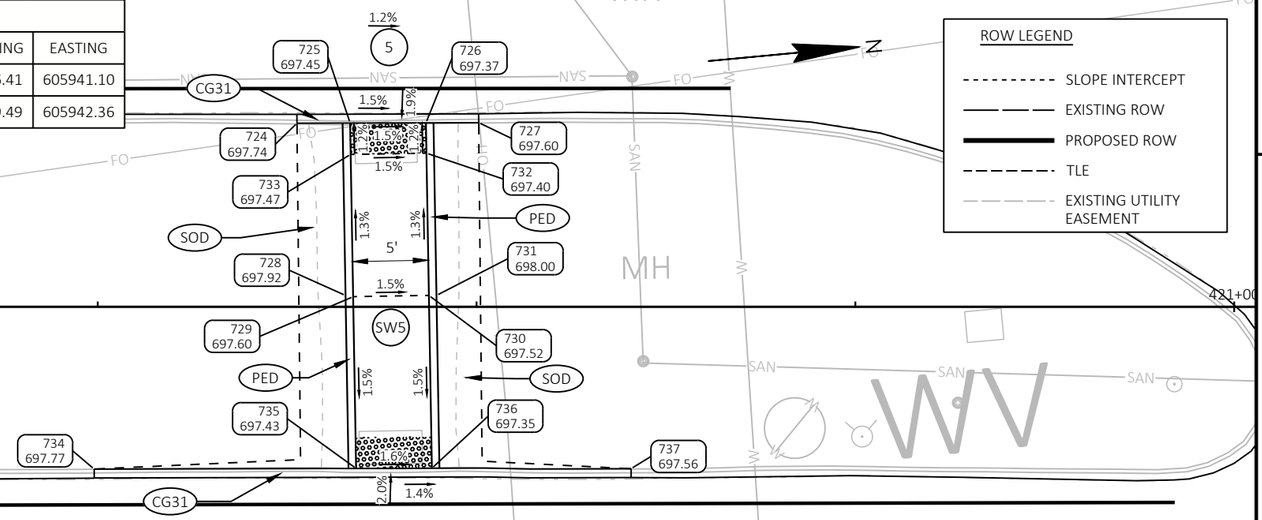


PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - STA 420+00 WEST	SHEET 199	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021309-CR_COLLEGEAVE.DWG
LAYOUT NAME - 12
PLOT DATE : 7/15/2026 2:59 PM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1 IN:10 FT

MID-BLOCK STA 420 ISLAND SOUTH					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
724	420+38.15	12.12' LT	697.74	262669.67	605917.60
725	420+41.66	12.13' LT	697.45	262673.16	605917.92
726	420+46.66	12.14' LT	697.37	262678.14	605918.37
727	420+50.14	12.15' LT	697.60	262681.61	605918.69
728	420+41.36	0.75' LT	697.92	262671.80	605929.22
729	420+41.86	0.67' LT	697.60	262672.29	605929.35
730	420+46.86	0.75' LT	697.52	262677.28	605929.73
731	420+47.36	0.76' LT	698.00	262677.78	605929.78
732	420+46.69	10.14' LT	697.40	262677.99	605920.37
733	420+41.69	10.06' LT	697.47	262673.01	605919.99
734	420+24.77	10.70' RT	697.77	262654.22	605939.08
735	420+42.05	10.66' RT	697.43	262671.43	605940.65

MID-BLOCK STA 420 ISLAND SOUTH					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
736	420+47.05	10.65' RT	697.35	262676.41	605941.10
737	420+60.20	10.68' RT	697.56	262689.49	605942.36



LEGEND

- X — CURB RAMP TYPE
- PED — CONCRETE CURB PEDESTRIAN
- SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
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NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

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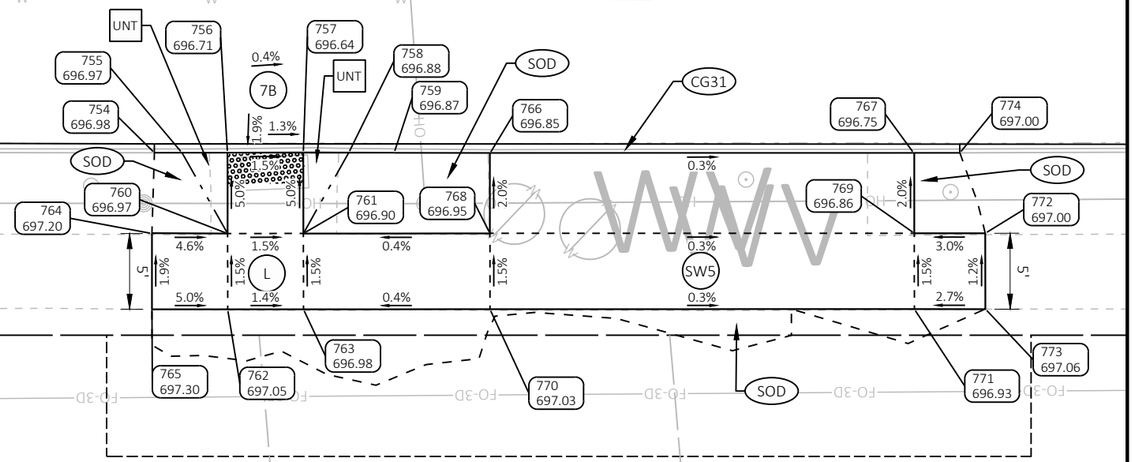
SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

MID-BLOCK STA 420 SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
754	420+37.25	47.97' RT	696.98	262663.17	605977.34
755	420+39.08	47.97' RT	696.97	262664.99	605977.51
756	420+42.08	47.96' RT	696.71	262667.97	605977.79
757	420+47.08	47.96' RT	696.64	262672.95	605978.25
758	420+50.08	47.96' RT	696.88	262675.94	605978.53
759	420+53.08	47.96' RT	696.87	262678.93	605978.81
760	420+42.09	53.29' RT	696.97	262667.48	605983.10
761	420+47.09	53.29' RT	696.90	262672.47	605983.56
762	420+42.09	58.29' RT	697.05	262667.03	605988.08
763	420+47.09	58.29' RT	696.98	262672.00	605988.54
764	420+37.09	53.30' RT	697.20	262662.51	605982.63
765	420+37.09	58.30' RT	697.30	262662.05	605987.61

MID-BLOCK STA 420 SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
766	420+59.39	48.01' RT	696.85	262685.21	605979.46
767	420+87.37	47.98' RT	696.75	262713.06	605982.04
768	420+59.40	53.29' RT	696.95	262684.72	605984.71
769	420+87.40	53.28' RT	696.86	262712.60	605987.31
770	420+59.40	58.29' RT	697.03	262684.26	605989.68
771	420+87.41	58.28' RT	696.93	262712.14	605992.29
772	420+92.09	53.28' RT	697.00	262717.27	605987.74
773	420+92.09	58.28' RT	697.06	262716.81	605992.72
774	420+90.40	47.97' RT	697.00	262716.08	605982.31

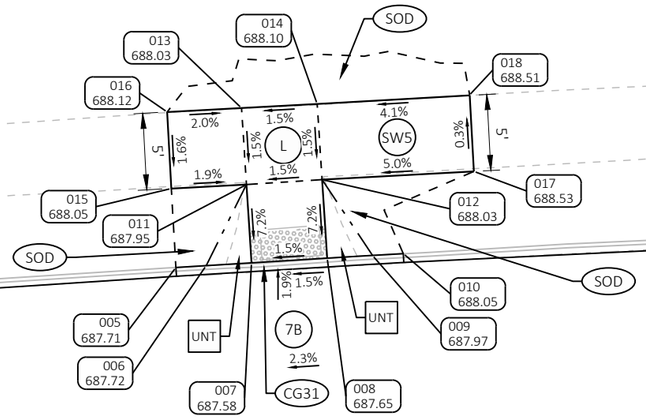


STH 38

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - STA 420+00 MEDIAN & EAST	SHEET 200	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021309-CR_COLLEGEAVE.DWG
LAYOUT NAME - 13
PLOT DATE : 7/15/2026 2:59 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

MID-BLOCK STA 446 SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
005	446+13.14	25.34' LT	687.71	265227.37	605890.95
006	446+15.10	25.46' LT	687.72	265229.34	605890.63
007	446+18.03	25.65' LT	687.58	265232.30	605890.14
008	446+22.93	25.98' LT	687.65	265237.24	605889.32
009	446+25.86	26.16' LT	687.97	265240.20	605888.85
010	446+27.85	26.29' LT	688.05	265242.21	605888.53
011	446+17.71	30.81' LT	687.95	265231.45	605885.03
012	446+22.58	31.15' LT	688.03	265236.38	605884.21
013	446+17.38	35.86' LT	688.03	265230.62	605880.05
014	446+22.24	36.13' LT	688.10	265235.56	605879.28
015	446+12.85	30.55' LT	688.05	265226.54	605885.79
016	446+12.60	35.60' LT	688.12	265225.76	605880.80
017	446+32.36	31.77' LT	688.53	265246.29	605882.67
018	446+32.00	36.78' LT	688.51	265245.48	605877.71



LEGEND

- X — CURB RAMP TYPE
- PED — CONCRETE CURB PEDESTRIAN
- SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- SW5 — CONCRETE SIDEWALK 5-INCH
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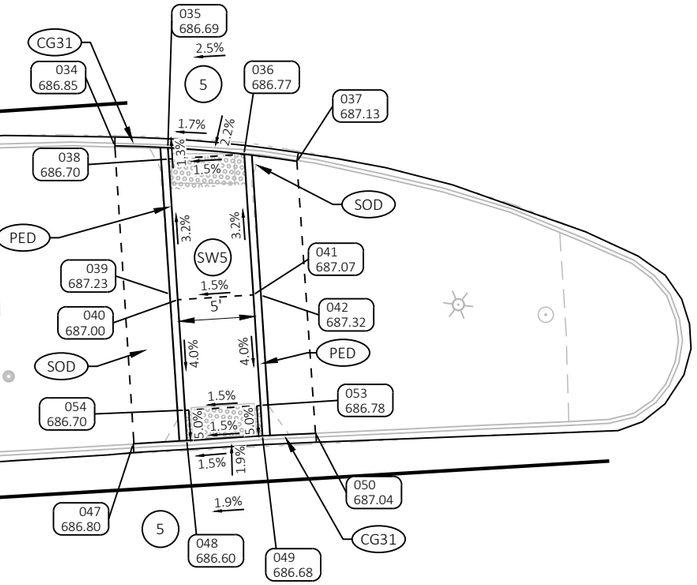
- CG30G — CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
- CG30R — CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
- CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- CG31 — CONCRETE CURB & GUTTER 31-INCH
- CA — CONCRETE CURB TYPE A

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

STH 38

446+00



MID-BLOCK STA 446 ISLAND SOUTH					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
034	446+17.01	12.16' RT	686.85	265235.07	605927.86
035	446+20.55	12.28' RT	686.69	265238.56	605927.63
036	446+25.63	12.69' RT	686.77	265243.62	605927.55
037	446+29.15	13.14' RT	687.13	265247.12	605927.68
038	446+20.60	13.03' RT	686.70	265238.69	605928.37
039	446+20.70	21.94' RT	687.23	265239.66	605937.23
040	446+21.24	22.31' RT	687.00	265240.22	605937.55
041	446+26.31	21.96' RT	687.07	265245.15	605936.73
042	446+26.82	21.99' RT	687.32	265245.65	605936.70
047	446+18.26	31.82' RT	686.80	265238.25	605947.30
048	446+21.88	31.59' RT	686.60	265241.75	605946.72
049	446+26.99	31.24' RT	686.68	265246.68	605945.90
050	446+30.57	31.06' RT	687.04	265250.15	605945.40
053	446+26.84	29.25' RT	686.78	265246.35	605943.93
054	446+21.74	29.60' RT	686.70	265241.42	605944.75

NOTES:

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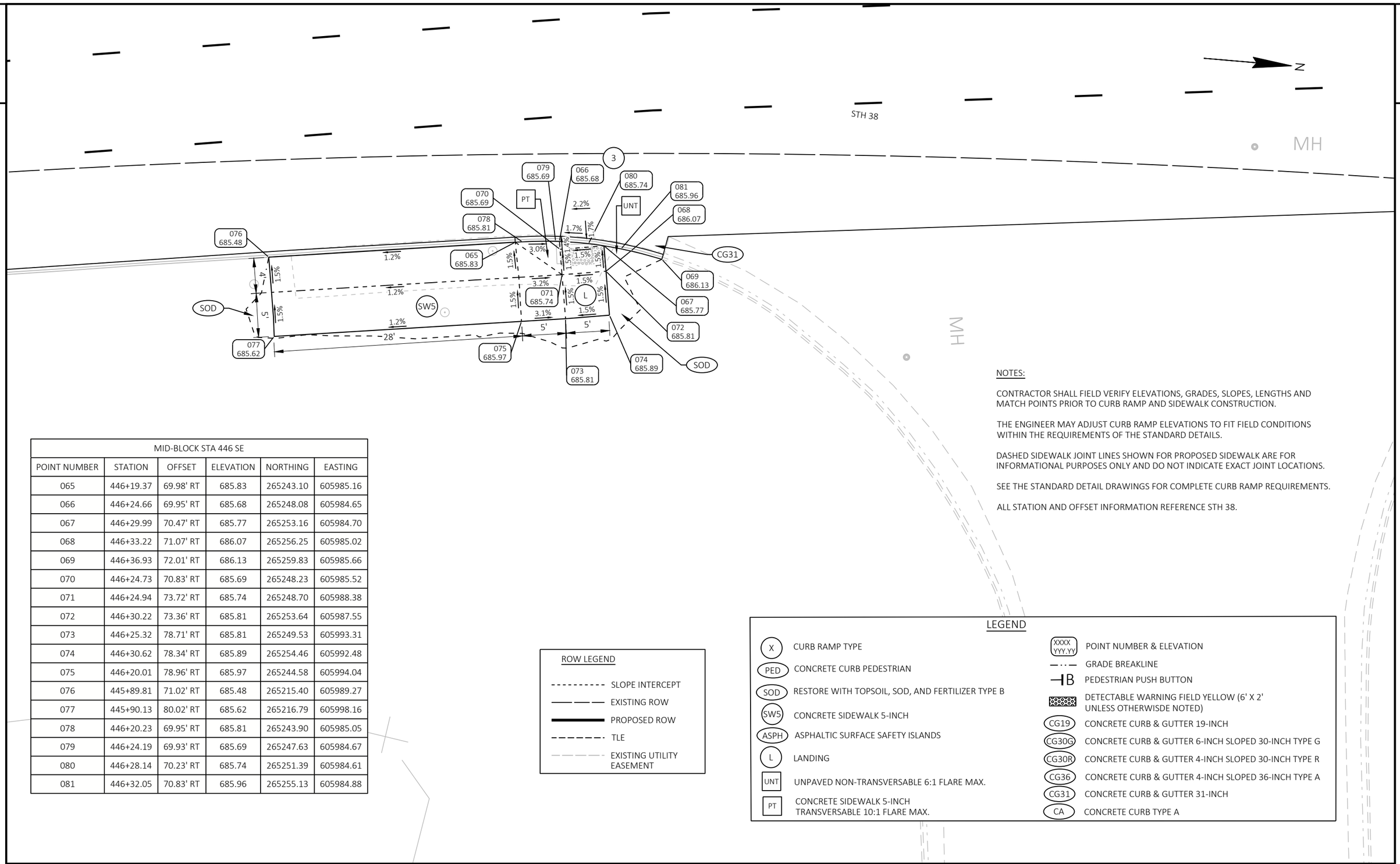
SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - STA 447+00 MEDIAN SOUTH & SW	SHEET 201	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021310-CR_MID-BLOCK.DWG
LAYOUT NAME - 01
PLOT DATE : 7/15/2026 2:59 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42



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ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

MID-BLOCK STA 446 SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
065	446+19.37	69.98' RT	685.83	265243.10	605985.16
066	446+24.66	69.95' RT	685.68	265248.08	605984.65
067	446+29.99	70.47' RT	685.77	265253.16	605984.70
068	446+33.22	71.07' RT	686.07	265256.25	605985.02
069	446+36.93	72.01' RT	686.13	265259.83	605985.66
070	446+24.73	70.83' RT	685.69	265248.23	605985.52
071	446+24.94	73.72' RT	685.74	265248.70	605988.38
072	446+30.22	73.36' RT	685.81	265253.64	605987.55
073	446+25.32	78.71' RT	685.81	265249.53	605993.31
074	446+30.62	78.34' RT	685.89	265254.46	605992.48
075	446+20.01	78.96' RT	685.97	265244.58	605994.04
076	445+89.81	71.02' RT	685.48	265215.40	605989.27
077	445+90.13	80.02' RT	685.62	265216.79	605998.16
078	446+20.23	69.95' RT	685.81	265243.90	605985.05
079	446+24.19	69.93' RT	685.69	265247.63	605984.67
080	446+28.14	70.23' RT	685.74	265251.39	605984.61
081	446+32.05	70.83' RT	685.96	265255.13	605984.88

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

LEGEND

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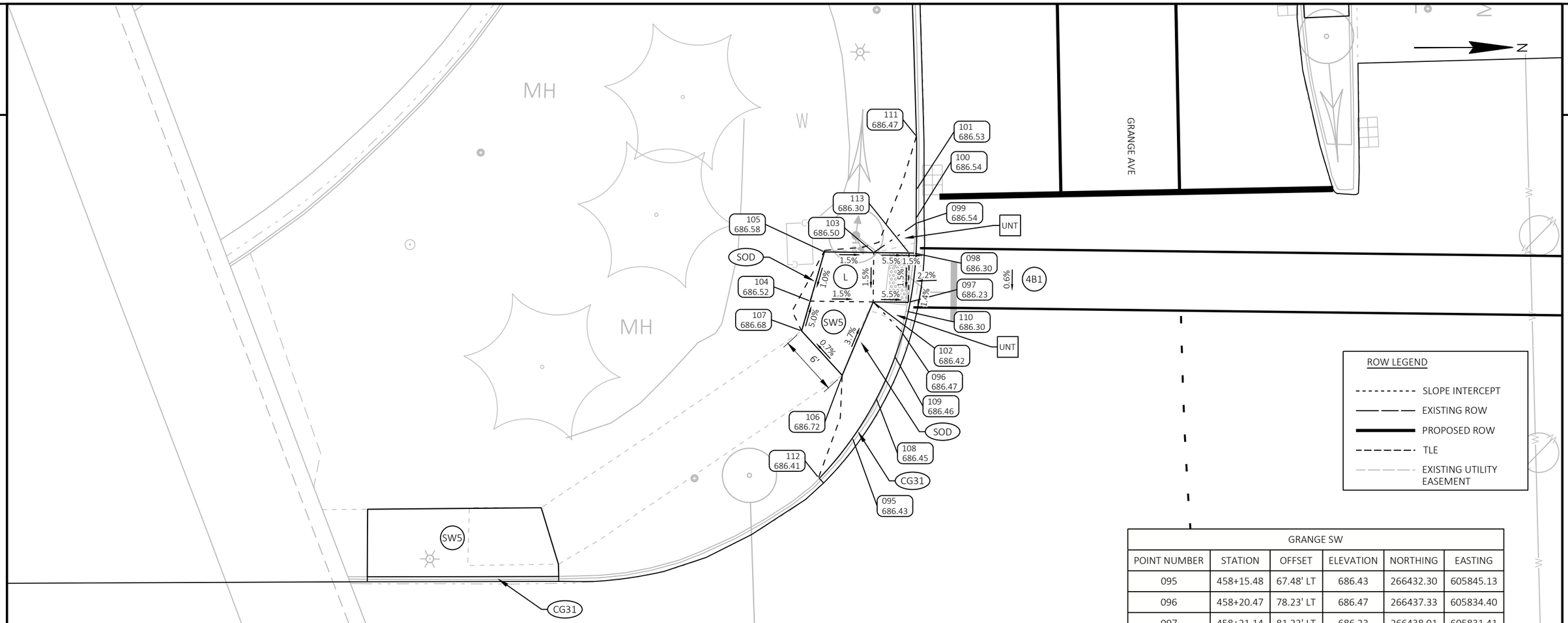
- CA — CONCRETE CURB TYPE A

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - STA 447+00 SE	SHEET 202	E



ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

LEGEND

- X — CURB RAMP TYPE
- PED — CONCRETE CURB PEDESTRIAN
- SOD — RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- SW5 — CONCRETE SIDEWALK 5-INCH
- ASPH — ASPHALTIC SURFACE SAFETY ISLANDS
- L — LANDING
- UNT — UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- PT — CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
- XXXX YYY.YY — POINT NUMBER & ELEVATION
- GRADE BREAKLINE
- B — PEDESTRIAN PUSH BUTTON
- DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
- CG19 — CONCRETE CURB & GUTTER 19-INCH
- CG30G — CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
- CG30R — CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
- CG36 — CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- CG31 — CONCRETE CURB & GUTTER 31-INCH
- CA — CONCRETE CURB TYPE A

NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

THE ENGINEER MAY ADJUST CURB RAMP ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE REQUIREMENTS OF THE STANDARD DETAILS.

DASHED SIDEWALK JOINT LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATIONAL PURPOSES ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.

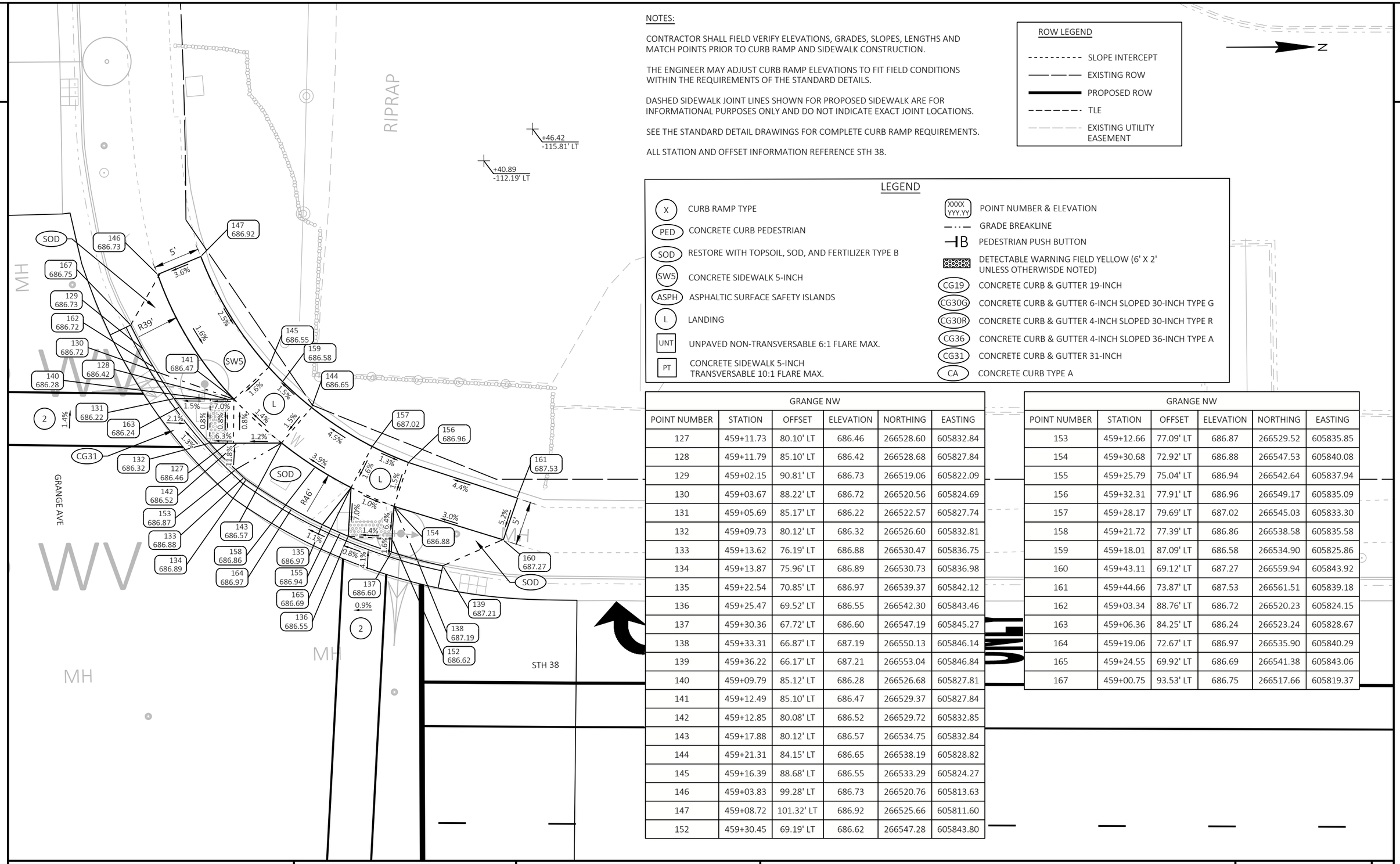
SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

GRANGE SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
095	458+15.48	67.48' LT	686.43	266432.30	605845.13
096	458+20.47	78.23' LT	686.47	266437.33	605834.40
097	458+21.14	81.22' LT	686.23	266438.01	605831.41
098	458+21.69	86.21' LT	686.30	266438.58	605826.42
099	458+21.89	89.21' LT	686.54	266438.79	605823.43
100	458+21.91	89.72' LT	686.54	266438.81	605822.92
101	458+21.94	92.62' LT	686.53	266438.85	605820.02
102	458+17.57	81.26' LT	686.42	266434.44	605831.36
103	458+17.63	86.26' LT	686.50	266434.52	605826.36
104	458+11.20	81.34' LT	686.52	266428.07	605831.26
105	458+12.63	86.32' LT	686.58	266429.52	605826.28
106	458+14.47	73.88' LT	686.72	266431.32	605838.73
107	458+10.33	78.33' LT	686.68	266427.19	605834.27
108	458+17.88	71.50' LT	686.45	266434.72	605841.12
109	458+19.72	75.80' LT	686.46	266436.57	605836.82
110	458+20.97	80.32' LT	686.30	266437.84	605832.32
111	458+21.96	98.02' LT	686.47	266438.89	605814.61
112	458+12.04	63.48' LT	686.41	266428.85	605849.12
113	458+21.20	86.22' LT	686.30	266438.09	605826.42

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - GRANGE SW	SHEET 203	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\021310-CR_MID-BLOCK.DWG
LAYOUT NAME - 03
PLOT DATE : 7/15/2026 3:00 PM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1 IN:10 FT



NOTES:

CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

THE ENGINEER MAY ADJUST CURB RAMP ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE REQUIREMENTS OF THE STANDARD DETAILS.

DASHED SIDEWALK JOINT LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATIONAL PURPOSES ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.

SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.

ALL STATION AND OFFSET INFORMATION REFERENCE STH 38.

ROW LEGEND

- SLOPE INTERCEPT
- EXISTING ROW
- PROPOSED ROW
- TLE
- EXISTING UTILITY EASEMENT

N

LEGEND

- (X) CURB RAMP TYPE
- (PED) CONCRETE CURB PEDESTRIAN
- (SOD) RESTORE WITH TOPSOIL, SOD, AND FERTILIZER TYPE B
- (SW5) CONCRETE SIDEWALK 5-INCH
- (ASPH) ASPHALTIC SURFACE SAFETY ISLANDS
- (L) LANDING
- (UNT) UNPAVED NON-TRANSVERSABLE 6:1 FLARE MAX.
- (PT) CONCRETE SIDEWALK 5-INCH TRANSVERSABLE 10:1 FLARE MAX.
- (XXXX YYY.YY) POINT NUMBER & ELEVATION
- GRADE BREAKLINE
- (B) PEDESTRIAN PUSH BUTTON
- DETECTABLE WARNING FIELD YELLOW (6' X 2' UNLESS OTHERWISDE NOTED)
- (CG19) CONCRETE CURB & GUTTER 19-INCH
- (CG30G) CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
- (CG30R) CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R
- (CG36) CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A
- (CG31) CONCRETE CURB & GUTTER 31-INCH
- (CA) CONCRETE CURB TYPE A

GRANGE NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
127	459+11.73	80.10' LT	686.46	266528.60	605832.84
128	459+11.79	85.10' LT	686.42	266528.68	605827.84
129	459+02.15	90.81' LT	686.73	266519.06	605822.09
130	459+03.67	88.22' LT	686.72	266520.56	605824.69
131	459+05.69	85.17' LT	686.22	266522.57	605827.74
132	459+09.73	80.12' LT	686.32	266526.60	605832.81
133	459+13.62	76.19' LT	686.88	266530.47	605836.75
134	459+13.87	75.96' LT	686.89	266530.73	605836.98
135	459+22.54	70.85' LT	686.97	266539.37	605842.12
136	459+25.47	69.52' LT	686.55	266542.30	605843.46
137	459+30.36	67.72' LT	686.60	266547.19	605845.27
138	459+33.31	66.87' LT	687.19	266550.13	605846.14
139	459+36.22	66.17' LT	687.21	266553.04	605846.84
140	459+09.79	85.12' LT	686.28	266526.68	605827.81
141	459+12.49	85.10' LT	686.47	266529.37	605827.84
142	459+12.85	80.08' LT	686.52	266529.72	605832.85
143	459+17.88	80.12' LT	686.57	266534.75	605832.84
144	459+21.31	84.15' LT	686.65	266538.19	605828.82
145	459+16.39	88.68' LT	686.55	266533.29	605824.27
146	459+03.83	99.28' LT	686.73	266520.76	605813.63
147	459+08.72	101.32' LT	686.92	266525.66	605811.60
152	459+30.45	69.19' LT	686.62	266547.28	605843.80

GRANGE NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
153	459+12.66	77.09' LT	686.87	266529.52	605835.85
154	459+30.68	72.92' LT	686.88	266547.53	605840.08
155	459+25.79	75.04' LT	686.94	266542.64	605837.94
156	459+32.31	77.91' LT	686.96	266549.17	605835.09
157	459+28.17	79.69' LT	687.02	266545.03	605833.30
158	459+21.72	77.39' LT	686.86	266538.58	605835.58
159	459+18.01	87.09' LT	686.58	266534.90	605825.86
160	459+43.11	69.12' LT	687.27	266559.94	605843.92
161	459+44.66	73.87' LT	687.53	266561.51	605839.18
162	459+03.34	88.76' LT	686.72	266520.23	605824.15
163	459+06.36	84.25' LT	686.24	266523.24	605828.67
164	459+19.06	72.67' LT	686.97	266535.90	605840.29
165	459+24.55	69.92' LT	686.69	266541.38	605843.06
167	459+00.75	93.53' LT	686.75	266517.66	605819.37

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CURB RAMP DETAILS - GRANGE NW	SHEET 204	E

2

LEGEND

- EXISTING SIGN ON POST
- SIGN EXISTING ON POLE
- PROPOSED SIGN MOUNTED ON POST
- PROPOSED SIGN MOUNTED ON SIGNAL
- PROPOSED/EXISTING RECTANGULAR RAPID FLASHING BEACON
- (ESTR) EXISTING SIGN TO REMAIN
- (X-X) SIGN DESIGNATION

NOTE: ALL SIGN SIZES ARE 3 UNLESS OTHERWISE NOTED

N

INL

REMOVE

W6-3 (2S)

1-1

SIGN

REMOVE

REMOVE

R4-7 (3)

W5-54

1-2 (2S)

1-3

DO NOT ENTER

REMOVE

DO NOT ENTER

R5-1

1-4

SIGN

NO PASSING ZONE

REMOVE

NO PASSING ZONE

W14-3 (2S)

1-5

SPEED LIMIT 45

REMOVE

SPEED LIMIT 45

R2-1

1-6

1-10

SIGN

STH 38

WRONG WAY

REMOVE

WRONG WAY

R5-1A

1-7

SIG

120+00

121+00

122+00

123+00

124+00

125+00

SIGN

SIGN

W

1-8

REMOVE

W5-52R (3)

GOLF COURSE

BEGIN PROJECT
STA122+81

SIGN

1-9

INL

SIGN

W

W

Oakwood Rd
10300 SOUTH
NEXT SIGNAL

REMOVE

Oakwood Rd
10300 SOUTH
NEXT SIGNAL

GOLF GREEN

MATCH LINE 125+25

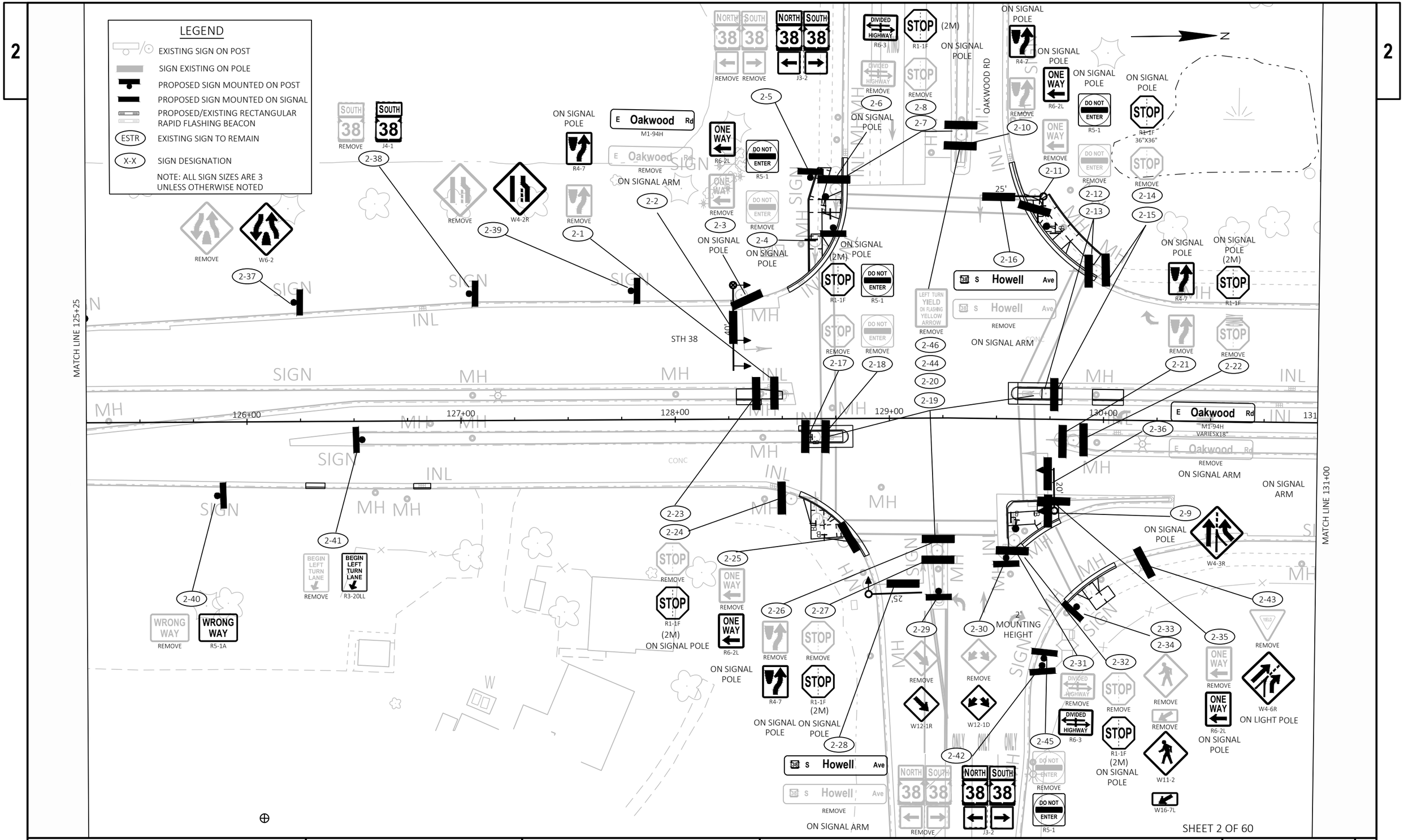
SIGNING NOTES

TYPE II ALUMINUM SIGNS REMOVED UNDER THE CONTRACT SHALL BE DELIVERED TO THE COUNTY SIGN SHOP. CONTACT THE FOLLOWING INDIVIDUAL AT THE SIGN SHOP FOR DISTRIBUTION COUNTY LOCATION.

SIGNING COORDINATOR	COUNTY(S)	PHONE #
•BREE JOHNS-KONKEL	MILWAUKEE, RACINE, OZAUKEE, WASHINGTON	414-750-2814

SIGNS SHALL BE CAREFULLY REMOVED FROM SIGN SUPPORTS. THE SIGNS SHALL BE PALLETIZED FOR HANDLING WITH A FORKLIFT (SEE STANDARD SPEC 638.3.4). THE REGIONAL SIGN SHOP (GENERAL PHONE # 414-266-1164) SHALL BE NOTIFIED THREE WORKING DAYS PRIOR TO DELIVERY OF THE SIGNS.
WHEN AN EXISTING STOP SIGN SUPPORT IS TO BE REMOVED AND A NEW STOP SIGN AND SUPPORT ERECTED, THE WORK SHALL BE DONE CONCURRENTLY. FOR OTHER SIGNS AND SUPPORTS THAT ARE TO BE REMOVED AND NEW SIGNS AND SUPPORTS ERECTED, THE REMOVAL OF THE EXISTING SIGN/SUPPORT AND ERECTION OF THE NEW SIGN/SUPPORT SHOULD BE DONE AS CONCURRENTLY AS POSSIBLE. IN NO CASE SHALL A NEW SIGN/SUPPORT BE DOWN FOR MORE THAN 24 HOURS AND THERE SHALL NOT BE MORE THAN ONE SIGN OF THE SAME LEGEND MISSING IN A ROW.
WOOD POSTS SIZES, FOR TYPE II SIGNS ARE ESTIMATED LENGTHS AND THE ACTUAL LENGTH WILL BE DETERMINED IN THE FIELD.
STREET NAME SIGNS ARE PROPERTY OF THE MUNICIPALITY (CITY, VILLAGE OR TOWN). THE MUNICIPALITY SHALL BE CONTACTED TO REMOVE THEIR STREET NAME SIGNS PRIOR TO CONSTRUCTION AND IT IS THEIR RESPONSIBILITY TO REINSTALL THE OLD SIGNS OR REPLACE THEM FOLLOWING CONSTRUCTION. WISDOT DOES NOT FURNISH OR INSTALL STREET NAME SIGNS. THE STREET NAME SIGNS SHALL NOT BE PLACED ON TOP OF THE STOP SIGNS.
BOX OUT OR CORING OF CONCRETE FOR SIGN POSTS IS INCIDENTAL TO THE POST.

SHEET 1 OF 60

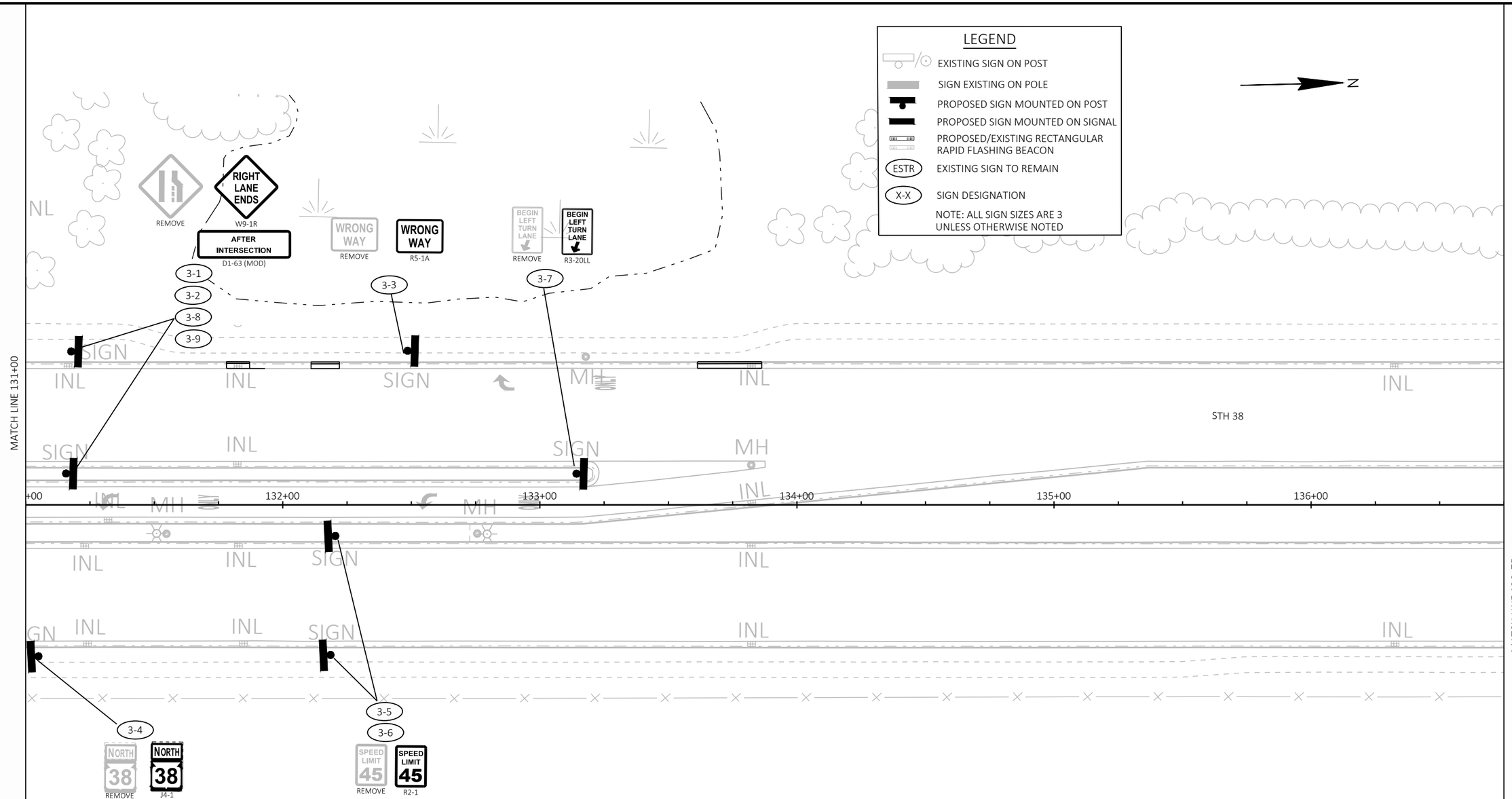


PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PERMANENT SIGNING	SHEET 206	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\023201-PS.DWG
LAYOUT NAME - 02
PLOT DATE : 1/29/2026 3:10 PM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

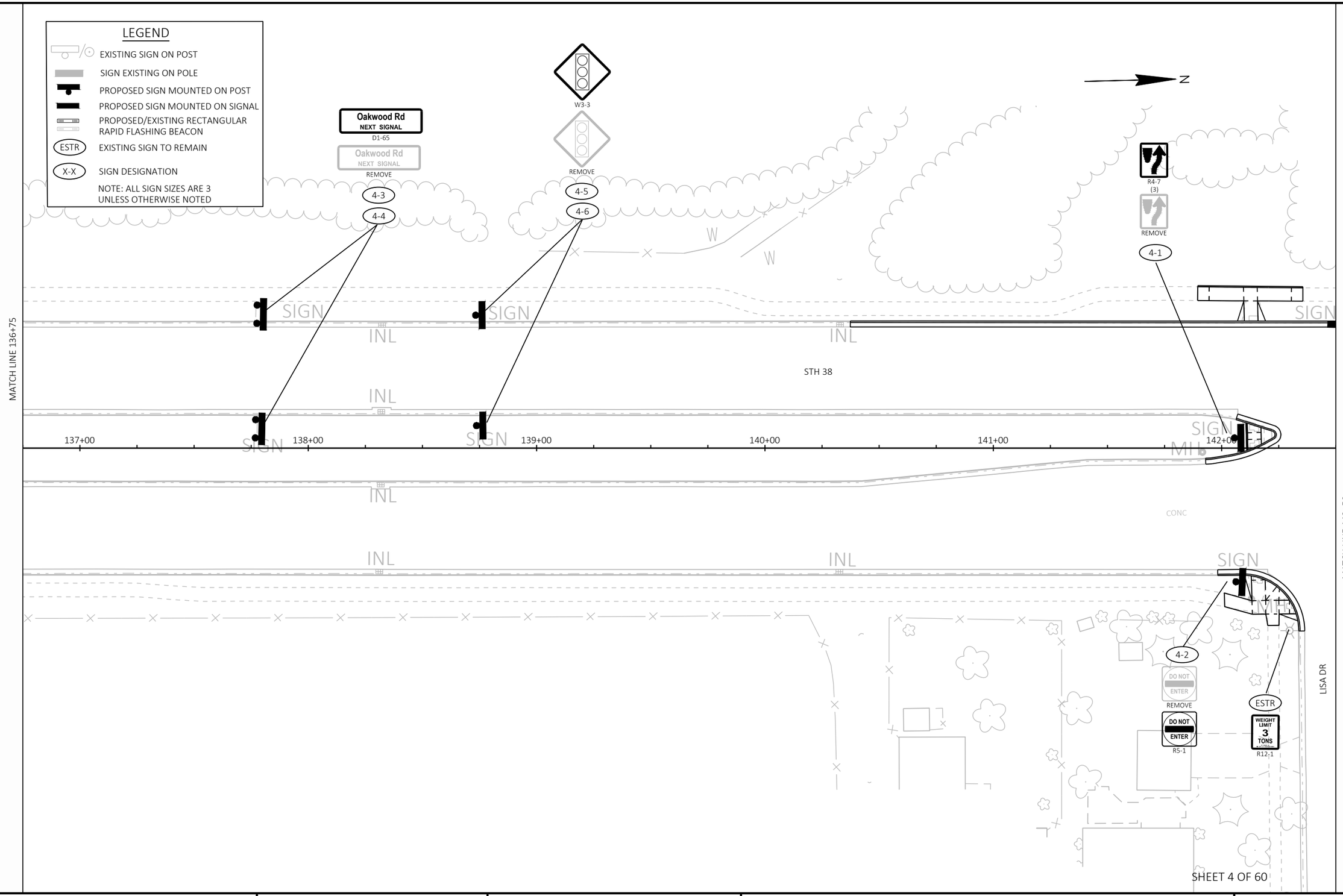
2



SHEET 3 OF 60

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PERMANENT SIGNING	SHEET 207	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\023201-PS.DWG
LAYOUT NAME - 03
PLOT DATE : 1/29/2026 3:11 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42



SHEET 4 OF 60

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PERMANENT SIGNING	SHEET 208	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\023201-PS.DWG
LAYOUT NAME - 04
PLOT DATE : 1/29/2026 3:11 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

LEGEND

- EXISTING SIGN ON POST
- SIGN EXISTING ON POLE
- PROPOSED SIGN MOUNTED ON POST
- PROPOSED SIGN MOUNTED ON SIGNAL
- PROPOSED/EXISTING RECTANGULAR RAPID FLASHING BEACON
- ESTR — EXISTING SIGN TO REMAIN
- X-X — SIGN DESIGNATION

NOTE: ALL SIGN SIZES ARE 3 UNLESS OTHERWISE NOTED

N

MATCH LINE 142+50

MATCH LINE 148+15

STH 38

LISA DR

ONE WAY R6-2L — 5-1

DO NOT ENTER R5-1 — 5-2

R4-7 — 5-3

SPEED LIMIT 45 REMOVE / SPEED LIMIT 45 R2-1 — 5-6, 5-7

REMOVE R4-7 — 5-10

5-8, 5-9

5-11

STOP REMOVE — 5-4

DIVIDED HIGHWAY REMOVE — 5-5

STOP R1-1

DIVIDED HIGHWAY R6-3

ONE WAY REMOVE / ONE WAY R6-2L

SIGN

INL

MH

CONC

W

143+00

144+00

145+00

146+00

147+00

148+00

SHEET 5 OF 60

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PERMANENT SIGNING	SHEET 209	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\023201-PS.DWG
LAYOUT NAME - 05

PLOT DATE : 1/29/2026 3:11 PM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND

- EXISTING SIGN ON POST
- SIGN EXISTING ON POLE
- PROPOSED SIGN MOUNTED ON POST
- PROPOSED SIGN MOUNTED ON SIGNAL
- PROPOSED/EXISTING RECTANGULAR RAPID FLASHING BEACON
- (ESTR) EXISTING SIGN TO REMAIN
- (X-X) SIGN DESIGNATION

NOTE: ALL SIGN SIZES ARE 3 UNLESS OTHERWISE NOTED

MATCH LINE 148+15

MATCH LINE 154+00

STH 38

149+00 150+00 151+00 152+00 153+00 154

6-1 6-2 6-3 6-4 6-5 6-6

6-7 6-8 6-9 6-10 6-11

DO NOT ENTER R5-1 REMOVE

REMOVE R4-7

CURB LANE BICYCLES AND RIGHT TURNS ONLY R3-52 REMOVE

CAUTION NARROW DRIVE MAKE WIDE TURN

REMOVE W11-2

AHEAD W16-9P REMOVE

ONE WAY R6-2L REMOVE

SIGN INL MH

SHEET 6 OF 60

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PERMANENT SIGNING	SHEET 210	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\023201-PS.DWG
LAYOUT NAME - 06
PLOT DATE : 1/29/2026 3:11 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

LEGEND

- EXISTING SIGN ON POST
- SIGN EXISTING ON POLE
- PROPOSED SIGN MOUNTED ON POST
- PROPOSED SIGN MOUNTED ON SIGNAL
- PROPOSED/EXISTING RECTANGULAR RAPID FLASHING BEACON
- (ESTR) EXISTING SIGN TO REMAIN
- (X-X) SIGN DESIGNATION

NOTE: ALL SIGN SIZES ARE 3 UNLESS OTHERWISE NOTED

MATCH LINE 154+00

MATCH LINE 159+75

STH 38

FITZSIMMONS RD

+00 155+00 156+00 157+00 158+00 159+00

W11-2 W16-7L W16-7R R4-7 R6-2L ONE WAY R4-7 SPEED LIMIT 45 R2-1 W11-2 AHEAD W16-9P

REMOVE AHEAD REMOVE

7-1 7-2 7-3 7-4 7-21 7-12 7-20 7-19 7-15 7-16 7-17 7-18

7-5 7-6 7-9 7-10 7-11 DO NOT ENTER R5-1 ESTR WEIGHT LIMIT 3 TONS R12-1

7-7 7-8 STOP R1-1 DIVIDED HIGHWAY R6-3A (2M)

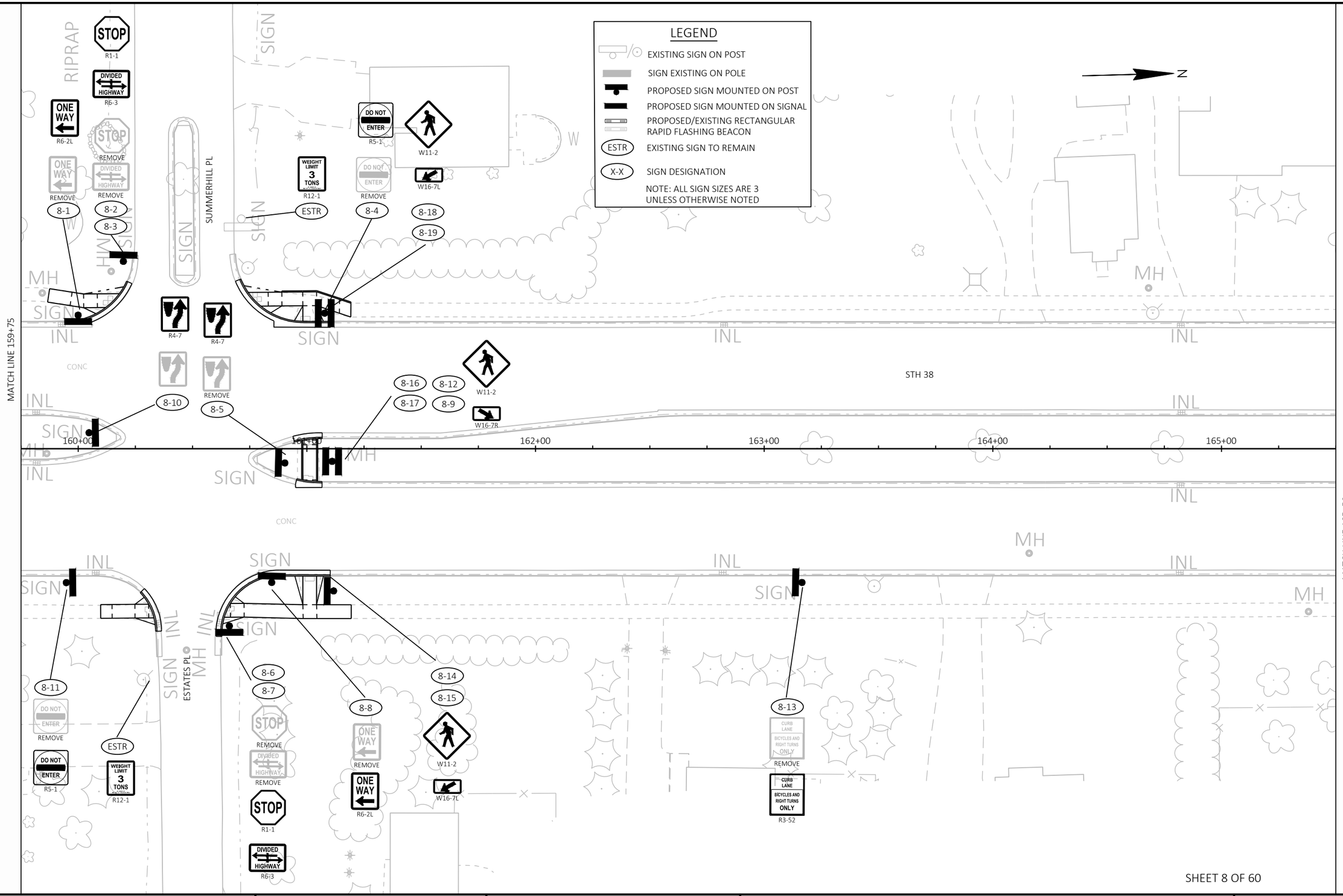
7-13 7-14 SPEED LIMIT 45 R2-1

WALLS RIPRAP CONC MH INL SIGN W

SHEET 7 OF 60

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PERMANENT SIGNING	SHEET 211	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\023201-PS.DWG
LAYOUT NAME - 07
PLOT DATE : 1/29/2026 3:11 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42


LEGEND
EXISTING SIGN ON POST
SIGN EXISTING ON POLE
PROPOSED SIGN MOUNTED ON POST
PROPOSED SIGN MOUNTED ON SIGNAL
PROPOSED/EXISTING RECTANGULAR RAPID FLASHING BEACON
ESTR EXISTING SIGN TO REMAIN
X-X SIGN DESIGNATION
NOTE: ALL SIGN SIZES ARE 3 UNLESS OTHERWISE NOTED
N
STH 38
SUMMERHILL PL
ESTATES PL
MATCH LINE 159+75
MATCH LINE 165+50
160+00
162+00
163+00
164+00
165+00
STOP R1-1
DIVIDED HIGHWAY R6-3
ONE WAY R6-2L
REMOVE
DO NOT ENTER R5-1
WEIGHT LIMIT 3 TONS R12-1
W11-2
W16-7L
W16-7R
R4-7
CURB LANE BICYCLES AND RIGHT TURNS ONLY
R3-52
8-1
8-2
8-3
8-4
8-5
8-6
8-7
8-8
8-9
8-10
8-11
8-12
8-13
8-14
8-15
8-16
8-17
8-18
8-19
ESTR
RIPRAP
SIGN
INL
MH
CONC
W

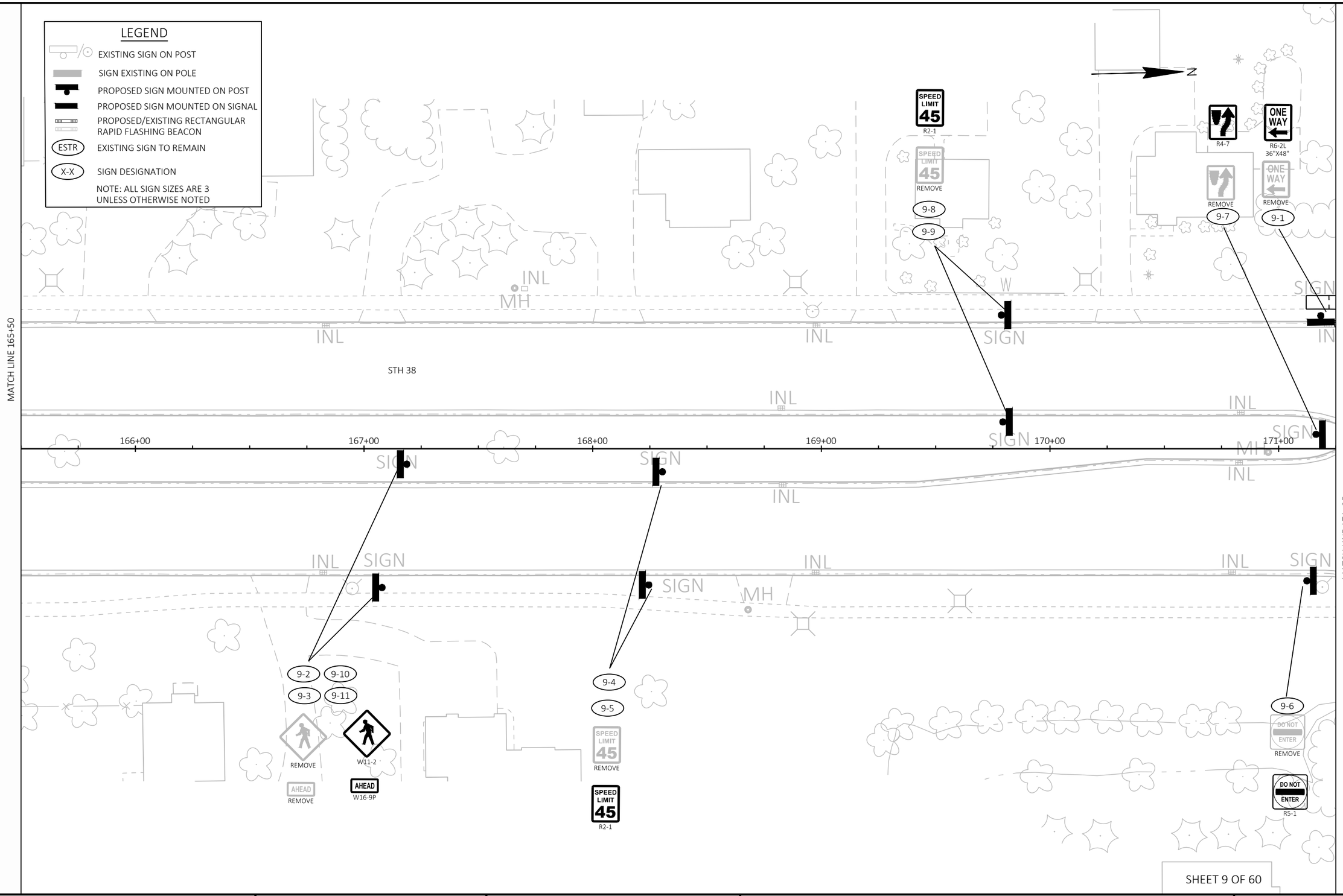
SHEET 8 OF 60

2

LEGEND

- EXISTING SIGN ON POST
- SIGN EXISTING ON POLE
- PROPOSED SIGN MOUNTED ON POST
- PROPOSED SIGN MOUNTED ON SIGNAL
- PROPOSED/EXISTING RECTANGULAR RAPID FLASHING BEACON
- (ESTR) EXISTING SIGN TO REMAIN
- (X-X) SIGN DESIGNATION

NOTE: ALL SIGN SIZES ARE 3 UNLESS OTHERWISE NOTED



SHEET 9 OF 60

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PERMANENT SIGNING	SHEET 213	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\023201-PS.DWG
LAYOUT NAME - 09
PLOT DATE : 1/29/2026 3:11 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

2

LEGEND

- EXISTING SIGN ON POST
- SIGN EXISTING ON POLE
- PROPOSED SIGN MOUNTED ON POST
- PROPOSED SIGN MOUNTED ON SIGNAL
- PROPOSED/EXISTING RECTANGULAR RAPID FLASHING BEACON
- (ESTR) EXISTING SIGN TO REMAIN
- (X-X) SIGN DESIGNATION

NOTE: ALL SIGN SIZES ARE 3 UNLESS OTHERWISE NOTED

MATCH LINE 171+25

MATCH LINE 177+00

FAIRFIELD DR

STH 38

CONC

ASPH

173+00 174+00 175+00 176+00

ESTR R12-1 WEIGHT LIMIT 3 TONS

10-1 STOP R1-1 REMOVE

10-2 DIVIDED HIGHWAY R6-3 REMOVE

10-3 DO NOT ENTER R5-1 REMOVE

10-4 W11-2 REMOVE

10-5 W16-7L REMOVE

10-6 R4-7 36"X48"

10-7 CURB LANE BICYCLES AND RIGHT TURNS ONLY R3-52 REMOVE

10-8 10-9 10-10 10-11 W11-2 REMOVE

10-12 STOP R1-1 REMOVE

10-13 DIVIDED HIGHWAY R6-3 REMOVE

10-14 ONE WAY R6-2L REMOVE

10-15 10-16 W11-2 REMOVE

W16-7L

10-17 BEGIN LEFT TURN LANE R3-20L REMOVE

10-18 10-19 JCT 100 J1-1 REMOVE

10-20 10-21 WEST TO EAST 100 INTERSTATE 41 100 INTERSTATE 94 REMOVE

10-22 NO PARKING ANY TIME R7-1D REMOVE

10-23 10-24 REMOVE

W3-3

10-25 Ryan Rd 9500 South NEXT SIGNAL REMOVE

Ryan Rd 9500 South NEXT SIGNAL

10-26 ONE WAY R6-2R REMOVE

10-27 10-28 10-29 10-30 W11-2 AHEAD W16-9P REMOVE

10-31 NO PARKING ANY TIME R7-1R REMOVE

ON LIGHT POLE

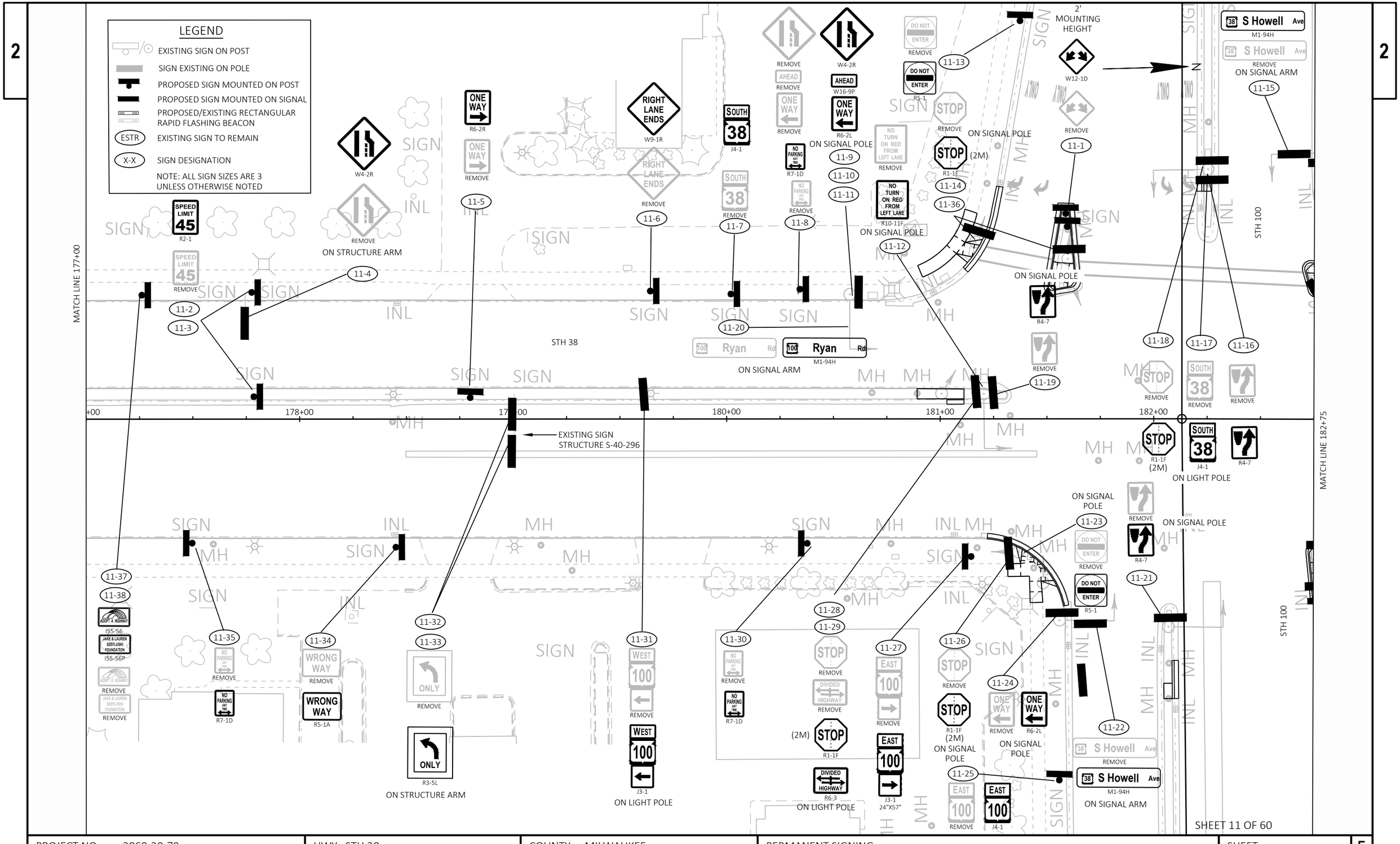
SHEET 10 OF 60

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PERMANENT SIGNING	SHEET 214	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\023201-PS.DWG
LAYOUT NAME - 10

PLOT DATE : 1/29/2026 3:11 PM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42



PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PERMANENT SIGNING	SHEET 215	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\023201-PS.DWG
LAYOUT NAME - 11
PLOT DATE : 1/29/2026 3:11 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

2

2

MATCH LINE 182+75

MATCH LINE 188+50

LEGEND

- EXISTING SIGN ON POST
- SIGN EXISTING ON POLE
- PROPOSED SIGN MOUNTED ON POST
- PROPOSED SIGN MOUNTED ON SIGNAL
- PROPOSED/EXISTING RECTANGULAR RAPID FLASHING BEACON
- (ESTR) EXISTING SIGN TO REMAIN
- (X-X) SIGN DESIGNATION

NOTE: ALL SIGN SIZES ARE 3 UNLESS OTHERWISE NOTED

ON SIGNAL POLE
ONE WAY R6-2L
REMOVE
12-1

ON SIGNAL POLE
STOP (2M) R1-1F
REMOVE
12-2

ON LIGHT POLE
YIELD R1-2
REMOVE
12-3

2' MOUNTING HEIGHT
W12-1D
REMOVE
12-4

TO WEST INTERSTATE 94 100
REMOVE
12-5

WEST TO INTERSTATE 100 94
J2-2 48"X57"

ON STRUCTURE ARM
ONLY R3-5L
REMOVE
12-6
12-7

NO PARKING ANY TIME R7-1D
REMOVE
12-8

ON SIGNAL POLE
12-23
DO NOT ENTER R5-1
REMOVE

ON SIGNAL POLE
R4-7
REMOVE
12-22

STOP REMOVE
STOP (2M) R1-1F
ON SIGNAL POLE
DIVIDED HIGHWAY REMOVE
DIVIDED HIGHWAY R6-3
12-21
12-24

STH 38

EXISTING SIGN STRUCTURE S-40-901

183+00 184+00 185+00 186+00 187+00 188+00

ASPH
12-20
Ryan Rd REMOVE
Ryan Rd M1-94H
ON SIGNAL ARM

12-19
DO NOT ENTER REMOVE
DO NOT ENTER R5-1
ON SIGNAL POLE

12-17
STOP REMOVE
STOP (2M) R1-1F
ON SIGNAL POLE

12-18
ONE WAY REMOVE
ONE WAY R6-2L
ON SIGNAL POLE

12-16
2' MOUNTING HEIGHT
REMOVE
W12-1D

12-15
YIELD REMOVE
YIELD R1-2
ON LIGHT POLE

12-14
NORTH 38 REMOVE
NORTH 38 J4-1

12-13
EAST 100 REMOVE
EAST 100 J3-1

12-12
NO PARKING ANY TIME REMOVE
NO PARKING ANY TIME R7-1D
RIPRAP

12-25 12-27
12-26 12-28
W11-2
AHEAD W16-9P

12-10
12-11
SPEED LIMIT 45 REMOVE
SPEED LIMIT 45 R2-1

12-29
12-30
ADOPT A HIGHWAY I55-56
MKE2 AMAZON CENTER I55-56P
ADOPT A HIGHWAY REMOVE
PULASKI H.S. AUTOMOTIVE ASE AYES YAP REMOVE

12-9
NO PARKING ANY TIME REMOVE
NO PARKING ANY TIME R7-1D

SHEET 12 OF 60

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PERMANENT SIGNING	SHEET 216	E

2

MATCH LINE 188+50

MATCH LINE 194+25

STH 38

E PARKWAY ESTATES

ASPH

189+00 190+00 191+00 192+00 193+00 194+00

INL SIGN MH

BEGIN LEFT TURN LANE
R3-20L
REMOVE
13-7

NO PARKING ANY TIME
R7-1D
REMOVE
13-8

EAST WEST TO INTERSTATE 100 100 94
J2-3
EAST TO WEST INTERSTATE 100 94 100
REMOVE
13-9
13-10

R4-7
REMOVE
13-1

ONE WAY
R6-2L
REMOVE
13-2

Ryan Rd
9500 South
NEXT SIGNAL
REMOVE
13-3

W11-2
W16-7L
13-11
13-12

NO PARKING ANY TIME
R7-1D
REMOVE
13-13

W3-3
REMOVE
13-14
13-15

JCT 100
J1-1
REMOVE
13-16

R4-7
REMOVE
13-4

13-27
BEGIN LEFT TURN LANE
REMOVE

NO PARKING ANY TIME
R7-1D
REMOVE
13-26

13-24
13-25
REMOVE
AHEAD
REMOVE
W11-2
W16-7L

13-22
13-23
REMOVE
AHEAD
REMOVE
W11-2
W16-7R

DO NOT ENTER
R5-1
13-21
REMOVE

13-5
13-6
STOP
REMOVE
DIVIDED HIGHWAY
REMOVE
STOP
R1-1
DIVIDED HIGHWAY
R6-3

13-17
13-19
13-18
13-20
W11-2
W16-7R

LEGEND

- EXISTING SIGN ON POST
- SIGN EXISTING ON POLE
- PROPOSED SIGN MOUNTED ON POST
- PROPOSED SIGN MOUNTED ON SIGNAL
- PROPOSED/EXISTING RECTANGULAR RAPID FLASHING BEACON
- ESTR — EXISTING SIGN TO REMAIN
- X-X — SIGN DESIGNATION

NOTE: ALL SIGN SIZES ARE 3 UNLESS OTHERWISE NOTED

SHEET 13 OF 60

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PERMANENT SIGNING	SHEET 217	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\023201-PS.DWG
LAYOUT NAME - 13
PLOT DATE : 1/29/2026 3:11 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

NOTES:
SEE CONSTRUCTION DETAIL FOR RECTANGULAR RAPID FLASHING BEACON (RRFB)

LEGEND
- EXISTING SIGN ON POST
- SIGN EXISTING ON POLE
- PROPOSED SIGN MOUNTED ON POST
- PROPOSED SIGN MOUNTED ON SIGNAL
- PROPOSED/EXISTING RECTANGULAR RAPID FLASHING BEACON
- (ESTR) EXISTING SIGN TO REMAIN
- (X-X) SIGN DESIGNATION

NOTE: ALL SIGN SIZES ARE 3 UNLESS OTHERWISE NOTED

MATCH LINE 194+25

MATCH LINE 200+00

STH 38

OAK CREEK

OAK CREEK PKWY

SOLAR PANEL

195+00 196+00 197+00 198+00 199+00 200

EXISTING TYPE I POLE

EXISTING TYPE I POLE

SHEET 14 OF 60

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PERMANENT SIGNING	SHEET 218	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\023201-PS.DWG
LAYOUT NAME - 14
PLOT DATE : 1/29/2026 3:11 PM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

4-FOOT MOUNTING HEIGHT

W5-52R
W5-52L
REMOVE
15-8
REMOVE
15-1

R7-1D
NO PARKING ANY TIME
REMOVE
15-9

I55-56
ADOPT A HIGHWAY
JAKE & LAUREN SZEFLUSKI FOUNDATION
I55-56P
REMOVE
15-10
15-22

W11-2
AHEAD
W16-9P
REMOVE
15-2
15-3

W11-2
AHEAD
W16-9P
REMOVE
15-11
15-12

STOP
REMOVE
DIVIDED HIGHWAY
REMOVE
STOP
R1-1
DIVIDED HIGHWAY
R6-3
15-4
15-5

DO NOT ENTER
R5-1
WEIGHT LIMIT 3 TONS
R12-1
ESTR
DO NOT ENTER
REMOVE
15-6

R7-1D
NO PARKING ANY TIME
REMOVE
15-14

SPEED LIMIT 45
R2-1
SPEED LIMIT 45
REMOVE
15-15
15-16

MATCH LINE 200+00

STH 38

OAK LEAF DR

ASPH

RIPRAP

200+00
201+00
202+00
203+00
204+00
205+00

SIGN
MH
INL

MATCH LINE 205+75

15-13
NO PARKING ANY TIME
REMOVE
R7-1D

15-21
ONE WAY
REMOVE
ONE WAY
R6-2L

15-7
REMOVE
R4-7

15-19
15-20
SPEED LIMIT 45
REMOVE
SPEED LIMIT 45
R2-1

15-18
NO PARKING ANY TIME
REMOVE
R7-1D

15-17
CURB LANE
BICYCLES AND RIGHT TURNS ONLY
REMOVE
CURB LANE
BICYCLES AND RIGHT TURNS ONLY
R3-52

LEGEND

- EXISTING SIGN ON POST
- SIGN EXISTING ON POLE
- PROPOSED SIGN MOUNTED ON POST
- PROPOSED SIGN MOUNTED ON SIGNAL
- PROPOSED/EXISTING RECTANGULAR RAPID FLASHING BEACON
- ESTR — EXISTING SIGN TO REMAIN
- X-X — SIGN DESIGNATION

NOTE: ALL SIGN SIZES ARE 3 UNLESS OTHERWISE NOTED

SHEET 15 OF 60

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PERMANENT SIGNING	SHEET 219	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\023201-PS.DWG
LAYOUT NAME - 15
PLOT DATE : 1/29/2026 3:11 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

LEGEND

- EXISTING SIGN ON POST
- SIGN EXISTING ON POLE
- PROPOSED SIGN MOUNTED ON POST
- PROPOSED SIGN MOUNTED ON SIGNAL
- PROPOSED/EXISTING RECTANGULAR RAPID FLASHING BEACON
- (ESTR) EXISTING SIGN TO REMAIN
- (X-X) SIGN DESIGNATION

NOTE: ALL SIGN SIZES ARE 3 UNLESS OTHERWISE NOTED

N

MATCH LINE 205+75

MATCH LINE 211+50

STH 38

206+00 207+00 208+00 209+00 210+00 211+00

16-1 REMOVE NO PARKING ANY TIME R7-1D

16-2 REMOVE R4-7

16-3 DO NOT ENTER REMOVE DO NOT ENTER R5-1

16-4 REMOVE NO PARKING ANY TIME R7-1D

16-5 BEGIN LEFT TURN LANE REMOVE

16-6 REMOVE NO PARKING ANY TIME R7-1D

16-7 ONE WAY REMOVE ONE WAY R6-2L

16-8 REMOVE R4-7

16-9 REMOVE NO PARKING ANY TIME R7-1D

SHEET 16 OF 60

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PERMANENT SIGNING	SHEET 220	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\023201-PS.DWG
LAYOUT NAME - 16
PLOT DATE : 1/29/2026 3:11 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

LEGEND

- EXISTING SIGN ON POST
- SIGN EXISTING ON POLE
- PROPOSED SIGN MOUNTED ON POST
- PROPOSED SIGN MOUNTED ON SIGNAL
- PROPOSED/EXISTING RECTANGULAR RAPID FLASHING BEACON
- (ESTR) EXISTING SIGN TO REMAIN
- (X-X) SIGN DESIGNATION

NOTE: ALL SIGN SIZES ARE 3 UNLESS OTHERWISE NOTED

MATCH LINE 211+50

MATCH LINE 217+25

N

STH 38

RIPRAP

ON LIGHT POLE

212+00 213+00 214+00 215+00 216+00 217+00

17-1 STOP REMOVE

17-2 DIVIDED HIGHWAY REMOVE

STOP R1-1

DIVIDED HIGHWAY R6-3A

17-3 DO NOT ENTER R5-1

DO NOT ENTER REMOVE

17-4 NO PARKING ANY TIME R7-1D

NO PARKING ANY TIME REMOVE

17-5 R4-7

REMOVE

17-6 17-7 REMOVE W3-3

17-8 REMOVE R3-2

17-9 ONE WAY REMOVE R6-2L

17-10 17-11 REMOVE REMOVE R4-7 R3-2

17-12 17-13 Centennial Drive NEXT SIGNAL REMOVE Centennial Drive NEXT SIGNAL D1-65

17-14 NO PARKING ANY TIME REMOVE R7-1D

17-15 BEGIN LEFT TURN LANE REMOVE R3-20L

SHEET 17 OF 60

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PERMANENT SIGNING	SHEET 221	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\023201-PS.DWG
LAYOUT NAME - 17
PLOT DATE : 1/29/2026 3:11 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

LEGEND

- EXISTING SIGN ON POST
- SIGN EXISTING ON POLE
- PROPOSED SIGN MOUNTED ON POST
- PROPOSED SIGN MOUNTED ON SIGNAL
- PROPOSED/EXISTING RECTANGULAR RAPID FLASHING BEACON
- (ESTR) EXISTING SIGN TO REMAIN
- (X-X) SIGN DESIGNATION

NOTE: ALL SIGN SIZES ARE 3 UNLESS OTHERWISE NOTED

MATCH LINE 217+25

STH 38

218+00 219+00 220+00 221+00 222+00 223+00

18-1 CURB LANE BICYCLES AND RIGHT TURNS ONLY R3-52
18-2 NO PARKING ANY TIME R7-1D
18-3 SPEED LIMIT 45 R2-1
18-4 REMOVE SPEED LIMIT 45
18-5 STOP R1-1F (2M) ON SIGNAL POLE
18-6 REMOVE R4-7
18-7 NORTH 38 SOUTH 38 J2-2
18-8 STOP R1-1
18-9 DIVIDED HIGHWAY R6-3
18-10 ONE WAY R6-2L
18-11 REMOVE NO PARKING ANY TIME R7-1D
18-12 WEIGHT LIMIT 3 TONS R12-1 ESTR
18-13 LEFT TURN YIELD ON FLASHING YELLOW ARROW REMOVE
18-14 STOP SIGN REMOVE
18-15 DO NOT ENTER R5-1
18-16 REMOVE
18-17 ONE WAY R6-2L
18-18 STOP R1-1
18-19 REMOVE DIVIDED HIGHWAY
18-20 NO PARKING ANY TIME R7-1D
18-21 REMOVE TRUCK ROUTE R14-1
18-22 STOP R1-1
18-23 REMOVE DO NOT ENTER
18-24 STOP R1-1F (2M)
18-25 DO NOT ENTER R5-1
18-26 BEGIN LEFT TURN LANE R3-20LL
18-27 REMOVE NO PARKING ANY TIME R7-1D
18-28 WRONG WAY REMOVE WRONG WAY R5-1A
18-29 Centennial Dr M1-94H REMOVE ON SIGNAL ARM
18-30 S Howell Ave M1-94H REMOVE ON SIGNAL ARM
18-31 Centennial Dr M1-94H REMOVE ON SIGNAL ARM
18-32 S Howell Ave M1-94H REMOVE ON SIGNAL ARM
18-33 REMOVE
18-34 LEFT TURN YIELD ON FLASHING YELLOW ARROW REMOVE

CENTENNIAL DR

MATCH LINE 223+00

SHEET 18 OF 60

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PERMANENT SIGNING	SHEET 222	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\023201-PS.DWG
LAYOUT NAME - 18
PLOT DATE : 1/29/2026 3:11 PM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND

- EXISTING SIGN ON POST
- SIGN EXISTING ON POLE
- PROPOSED SIGN MOUNTED ON POST
- PROPOSED SIGN MOUNTED ON SIGNAL
- PROPOSED/EXISTING RECTANGULAR RAPID FLASHING BEACON
- (ESTR) EXISTING SIGN TO REMAIN
- (X-X) SIGN DESIGNATION

NOTE: ALL SIGN SIZES ARE 3 UNLESS OTHERWISE NOTED

N

MATCH LINE 223+00

MATCH LINE 228+75

STH 38

224+00 225+00 226+00 227+00 228+00

19-1 BEGIN LEFT TURN LANE R3-20LL

19-2 WRONG WAY R5-1A

19-3 NO PARKING ANY TIME R7-1D

19-4 W3-3

19-5 Centennial Drive NEXT SIGNAL D1-65

19-6 Centennial Drive NEXT SIGNAL

19-7 CURB LANE BICYCLES AND RIGHT TURNS ONLY R3-52

19-8 NO PARKING ANY TIME R7-1D

19-9 Puetz Rd 8700 SOUTH NEXT SIGNAL

19-10 SCHOOL SPEED LIMIT 35 WHEN CHILDREN ARE PRESENT S4-51

19-11 SCHOOL SPEED LIMIT 35 WHEN CHILDREN ARE PRESENT

19-12 AHEAD R3-17AP

19-13 FINES HIGHER R2-6P

19-14 W3-3

19-15 NO PARKING ANY TIME R7-1D

19-16 NO PARKING ANY TIME R7-1D

19-17 S1-1

19-18 AHEAD R3-17AP

19-19 FINES HIGHER R2-6P

19-20 S1-1

REMOVE

SIGN INL MH RIPRAP WALLS

SHEET 19 OF 60

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PERMANENT SIGNING	SHEET 223	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\023201-PS.DWG
LAYOUT NAME - 19
PLOT DATE : 1/29/2026 3:11 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

LEGEND

- EXISTING SIGN ON POST
- SIGN EXISTING ON POLE
- PROPOSED SIGN MOUNTED ON POST
- PROPOSED SIGN MOUNTED ON SIGNAL
- PROPOSED/EXISTING RECTANGULAR RAPID FLASHING BEACON
- (ESTR) EXISTING SIGN TO REMAIN
- (X-X) SIGN DESIGNATION

NOTE: ALL SIGN SIZES ARE 3 UNLESS OTHERWISE NOTED

MATCH LINE 228+75

MATCH LINE 234+60

229+00 230+00 231+00 232+00 233+00 234+00

N

R4-7 REMOVE 20-5

R7-1D REMOVE 20-6

R9-3A R9-3BL REMOVE 20-14 20-15

Centennial Drive NEXT SIGNAL D1-65 REMOVE 20-7

CURB LANE BICYCLES AND RIGHT TURNS ONLY R3-52 REMOVE 20-8

ADOPT A HIGHWAY I55-56 MKE2 AMAZON CENTER I55-56P REMOVE 20-40 20-41

R7-1D REMOVE 20-9

SPEED LIMIT 45 R2-1 REMOVE 20-10 20-11

REMOVE

ON LIGHT POLE S1-1 S16-7R REMOVE 20-12 20-13

ONE WAY R6-2L REMOVE 20-16

ON SIGNAL POLE

SOUTH 38 J4-1 REMOVE 20-17

Puetz Rd REMOVE 20-18

STH 38

Puetz Rd M1-94H

ON SIGNAL ARM

R4-7 20-1 ON SIGNAL POLE

ONLY R3-5L REMOVE 20-27 20-28

EXISTING SIGN STRUCTURE S-40-929

ON STRUCTURE ARM

ON SIGNAL POLE (2M) STOP R1-1F DIVIDED HIGHWAY R6-3 20-19 20-20 STOP REMOVE DIVIDED HIGHWAY REMOVE

ON SIGNAL POLE DO NOT ENTER R5-1 REMOVE 20-21

RIPRAP

20-35 20-36 20-37 20-38 S1-1 AHEAD R3-17AP

20-39 R7-1D

20-33 20-34 REMOVE R9-3A R9-3BR

20-32 REMOVE R4-7

20-31 BEGIN LEFT TURN LANE REMOVE R3-20L

20-30 WRONG WAY REMOVE R5-1A

20-29 NO PARKING ANY TIME REMOVE R7-1D

20-26 REMOVE W12-1D 2' MOUNTING HEIGHT

20-24 20-25 (2M) STOP R1-1F DIVIDED HIGHWAY R6-3 STOP REMOVE DIVIDED HIGHWAY REMOVE

20-22 20-23 20-2 20-3 REMOVE REMOVE S1-1 YIELD REMOVE REMOVE YIELD R1-2 20-4

ON SIGNAL POLE S16-7L

SHEET 20 OF 60

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PERMANENT SIGNING	SHEET 224	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\023201-PS.DWG
LAYOUT NAME - 20
PLOT DATE : 1/29/2026 3:11 PM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

LEGEND

- EXISTING SIGN ON POST
- SIGN EXISTING ON POLE
- PROPOSED SIGN MOUNTED ON POST
- PROPOSED SIGN MOUNTED ON SIGNAL
- PROPOSED/EXISTING RECTANGULAR RAPID FLASHING BEACON
- ESTR — EXISTING SIGN TO REMAIN
- X-X — SIGN DESIGNATION

NOTE: ALL SIGN SIZES ARE 3 UNLESS OTHERWISE NOTED

N

MATCH LINE 234+60

MATCH LINE 240+25

PUETZ RD

STH 38

235+00 237+00 238+00 239+00 240+00

ON SIGNAL POLE
ON SIGNAL ARM
ON LIGHT POLE
ON STRUCTURE ARM
EXISTING SIGN STRUCTURE S-40-930
2' MOUNTING HEIGHT

SHEET 21 OF 60

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PERMANENT SIGNING	SHEET 225	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\023201-PS.DWG
LAYOUT NAME - 21
PLOT DATE : 1/29/2026 3:11 PM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND

- EXISTING SIGN ON POST
- SIGN EXISTING ON POLE
- PROPOSED SIGN MOUNTED ON POST
- PROPOSED SIGN MOUNTED ON SIGNAL
- PROPOSED/EXISTING RECTANGULAR RAPID FLASHING BEACON
- (ESTR) EXISTING SIGN TO REMAIN
- (X-X) SIGN DESIGNATION

NOTE: ALL SIGN SIZES ARE 3 UNLESS OTHERWISE NOTED

MATCH LINE 240+25

MATCH LINE 246+00

STH 38

241+00 242+00 243+00 244+00 245+00 246

N

ONE WAY R6-2L — REMOVE — 22-1

ONE WAY R6-2L — REMOVE — 22-5

R4-7 — REMOVE — 22-6

S1-1 AHEAD R3-17AP — REMOVE — 22-7

NO PARKING ANY TIME R7-1D — REMOVE — 22-8

22-9

22-10

Puetz Rd NEXT SIGNAL D1-65 — REMOVE — 22-11

Puetz Rd NEXT SIGNAL — REMOVE — 22-12

NO PARKING ANY TIME R7-1D — REMOVE — 22-13

W3-3 — REMOVE — 22-14

22-15

STOP R1-1

R3-2

STOP — REMOVE — 22-3

REMOVE — 22-4

ONE WAY R6-2L — REMOVE — 22-17

NO PARKING ANY TIME R7-1D — REMOVE — 22-18

R4-7 — REMOVE — 22-19

ONE WAY R6-2R — REMOVE — 22-20

22-22

22-23

AHEAD — REMOVE

22-24

22-25

W11-2

AHEAD R3-17AP

NO PARKING ANY TIME R7-1D — REMOVE — 22-26

CURB LANE BICYCLES AND RIGHT TURNS ONLY — REMOVE — 22-27

CURB LANE BICYCLES AND RIGHT TURNS ONLY R3-52

SHEET 22 OF 60

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PERMANENT SIGNING	SHEET 226	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\023201-PS.DWG
LAYOUT NAME - 22

PLOT DATE : 1/29/2026 3:12 PM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1 IN:40 FT

NOTES:
SEE CONSTRUCTION DETAIL FOR RECTANGULAR RAPID FLASHING BEACON (RRFB)

N

LEGEND

- EXISTING SIGN ON POST
- SIGN EXISTING ON POLE
- PROPOSED SIGN MOUNTED ON POST
- PROPOSED SIGN MOUNTED ON SIGNAL
- PROPOSED/EXISTING RECTANGULAR RAPID FLASHING BEACON
- ESTR — EXISTING SIGN TO REMAIN
- X-X — SIGN DESIGNATION

NOTE: ALL SIGN SIZES ARE 3 UNLESS OTHERWISE NOTED

MATCH LINE 246+00

MATCH LINE 251+75

STH 38

GROVELAND DR

+00 247+00 248+00 249+00 250+00 251+00

EXISTING TYPE I POLE

ON LIGHT POLE

SPEED LIMIT 45 R2-1 — REMOVE — 23-27, 23-28

R4-7 — REMOVE — 23-29

W11-2, S16-7R, R10-25 — REMOVE — 23-1, 23-2, 23-20

NO PARKING ANY TIME R7-1D — REMOVE — 23-30

W11-2, S16-7L, R10-25 — REMOVE — 23-3, 23-4, 23-21

ONE WAY R6-2L — REMOVE — 23-31

W11-2, S16-7L, R10-25 — REMOVE — 23-5, 23-6, 23-22

W11-2, S16-7R, R10-25 — REMOVE — 23-7, 23-8, 23-23

SCHOOL SPEED LIMIT 35 WHEN CHILDREN ARE PRESENT S4-51 — REMOVE — 23-32, 23-33

W11-2, S16-7R — 23-9, 23-10

W11-2, S16-7L, R10-25 — REMOVE — 23-11, 23-12, 23-24

DO NOT ENTER R5-1 — REMOVE — 23-13

R4-7 — REMOVE — 23-37

STOP R1-1 — REMOVE — 23-14, 23-15

DIVIDED HIGHWAY R6-3 — REMOVE

W11-2, S16-7L, R10-25 — REMOVE — 23-16, 23-17, 23-25

W11-2, S16-7R, R10-25 — REMOVE — 23-18, 23-19, 23-26

SPEED LIMIT 45 R2-1 — REMOVE — 23-35, 23-36

NO PARKING ANY TIME R7-1D — REMOVE — 23-34

SHEET 23 OF 60

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PERMANENT SIGNING	SHEET 227	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\023201-PS.DWG
LAYOUT NAME - 23
PLOT DATE : 1/29/2026 3:12 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

2

LEGEND

- EXISTING SIGN ON POST
- SIGN EXISTING ON POLE
- PROPOSED SIGN MOUNTED ON POST
- PROPOSED SIGN MOUNTED ON SIGNAL
- PROPOSED/EXISTING RECTANGULAR RAPID FLASHING BEACON
- (ESTR) EXISTING SIGN TO REMAIN
- (X-X) SIGN DESIGNATION

NOTE: ALL SIGN SIZES ARE 3 UNLESS OTHERWISE NOTED

N

MATCH LINE 251+75

MATCH LINE 257+50

STH 38

24-1 — NO PARKING ANY TIME R7-1D — REMOVE

24-2 — W11-2 — REMOVE

24-3 — AHEAD R3-17AP — REMOVE

24-4 — ONE WAY R6-2R — REMOVE

24-5 — NO PARKING ANY TIME R7-1D — REMOVE

24-6 — CURB LANE / BICYCLES AND RIGHT TURNS ONLY R3-52 — REMOVE

24-7 — NO PARKING ANY TIME R7-1D — REMOVE

24-8 — BEGIN LEFT TURN LANE — REMOVE — BEGIN LEFT TURN LANE R3-20L

24-9 — Forest Hill Ave NEXT SIGNAL — REMOVE

24-10 — Forest Hill Ave NEXT SIGNAL D1-65

24-11 — NO PARKING ANY TIME R7-1D — REMOVE

24-12 — REMOVE

24-13 — W3-3

252+00 253+00 254+00 255+00 256+00 257+00

SHEET 24 OF 60

2

LEGEND

- EXISTING SIGN ON POST
- SIGN EXISTING ON POLE
- PROPOSED SIGN MOUNTED ON POST
- PROPOSED SIGN MOUNTED ON SIGNAL
- PROPOSED/EXISTING RECTANGULAR RAPID FLASHING BEACON
- (ESTR) EXISTING SIGN TO REMAIN
- (X-X) SIGN DESIGNATION

NOTE: ALL SIGN SIZES ARE 3 UNLESS OTHERWISE NOTED

MATCH LINE 257+50

MATCH LINE 263+20

N

FOREST HILL AVE

STH 38

ON SIGNAL POLE

ON SIGNAL ARM

REMOVE

25-1 SPEED LIMIT 45 R2-1

25-2 SPEED LIMIT 45 REMOVE

25-3 NO PARKING ANY TIME R7-1D

25-4 W4-2R REMOVE

25-5 LEFT TURN YIELD ON FLASHING YELLOW ARROW REMOVE

25-6 SOUTH 38 J4-1 REMOVE

25-7 R4-7 REMOVE

25-8 STOP R1-1F REMOVE

25-9 ONE WAY R6-2L REMOVE

25-10 RIGHT LANE ENDS W9-1R REMOVE

25-11 NORTH 38 SOUTH 38 J2-2 REMOVE

25-12 STOP R1-1F REMOVE

25-13 DIVIDED HIGHWAY R6-3 REMOVE

25-14 TRUCK ROUTE R14-1 ESTR

25-15 U/C

25-16 STOP R1-1F

25-17 STOP R1-1F REMOVE

25-18 DO NOT ENTER R5-1 REMOVE

25-19 NORTH 38 J4-1 REMOVE

25-20 STOP R1-1F

25-21 STOP R1-1F REMOVE

25-22 ONE WAY R6-2L REMOVE

25-23 STOP R1-1F

25-24 STOP R1-1F REMOVE

25-25 SOUTH 38 NORTH 38 J2-2 REMOVE

25-26 LEFT TURN YIELD ON FLASHING YELLOW ARROW R3-20LL

25-27 DO NOT ENTER R5-1

25-28 TRUCK EXIT ONLY ESTR R5-2

25-29 STOP R1-1F REMOVE

25-30 STOP R1-1F REMOVE

25-31 STOP R1-1F

25-32 NO PARKING ANY TIME R7-1D REMOVE

25-33 WRONG WAY R5-1A REMOVE

25-34 ONE WAY R6-2R REMOVE

25-35 BEGIN LEFT TURN LANE R3-20LL REMOVE

25-36 S Howell Ave M1-94H

25-37 Forest Hill Ave M1-94H

25-38 Forest Hill Ave M1-94H REMOVE

25-39 S Howell Ave M1-94H REMOVE

25-40 LEFT TURN YIELD ON FLASHING YELLOW ARROW REMOVE

258+00 259+00 260+00 261+00 262+00 263+00

SHEET 25 OF 60

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PERMANENT SIGNING	SHEET 229	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\023201-PS.DWG
LAYOUT NAME - 25

PLOT DATE : 1/29/2026 3:12 PM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

MATCH LINE 263+20

MATCH LINE 269+00

STH 38

OAKFIELD DR

OAKFIELD DR

ON LIGHT POLE

2' MOUNTING HEIGHT

2' MOUNTING HEIGHT

264+00 265+00 266+00 267+00 268+00

BEGIN LEFT TURN LANE R3-20LL REMOVE 26-8

WRONG WAY R5-1A REMOVE 26-9

SCHOOL SPEED LIMIT 35 WHEN CHILDREN ARE PRESENT S4-51 REMOVE 26-10 26-11

NO PARKING ANY TIME R7-1D REMOVE 26-12

BEGIN LEFT TURN LANE R3-20L REMOVE 26-13

RIGHT TURN ONLY R3-53R REMOVE 26-1

STOP R1-1 REMOVE 26-2

DO NOT ENTER R5-1 REMOVE 26-3

Forest Hill Ave NEXT SIGNAL D1-65 REMOVE 26-4

Forest Hill Ave NEXT SIGNAL D1-65 REMOVE 26-18

R4-7 REMOVE 26-14

DO NOT ENTER REMOVE 26-15

R3-2 26-16

REMOVE 26-17

W12-1D

REMOVE 26-19

R4-7 36"X48" 26-5

BEGIN LEFT TURN LANE R3-20L

R3-2 26-21

W12-1D REMOVE 26-23

REMOVE 26-22

DO NOT ENTER R5-1

REMOVE 26-20

STOP R1-1 36"X36" 26-6

RIGHT TURN ONLY R3-53R 24"X30" 26-7

NO PARKING ANY TIME R7-1D

ESTR WEIGHT LIMIT 3 TONS R12-1

SPEED LIMIT 45 REMOVE 26-26

SPEED LIMIT 45 R2-1

NO PARKING ANY TIME REMOVE 26-25

NO PARKING ANY TIME R7-1D

BEGIN LEFT TURN LANE REMOVE 26-24

BEGIN LEFT TURN LANE R3-20L

26-27

LEGEND

- EXISTING SIGN ON POST
- SIGN EXISTING ON POLE
- PROPOSED SIGN MOUNTED ON POST
- PROPOSED SIGN MOUNTED ON SIGNAL
- PROPOSED/EXISTING RECTANGULAR RAPID FLASHING BEACON
- ESTR — EXISTING SIGN TO REMAIN
- X-X — SIGN DESIGNATION

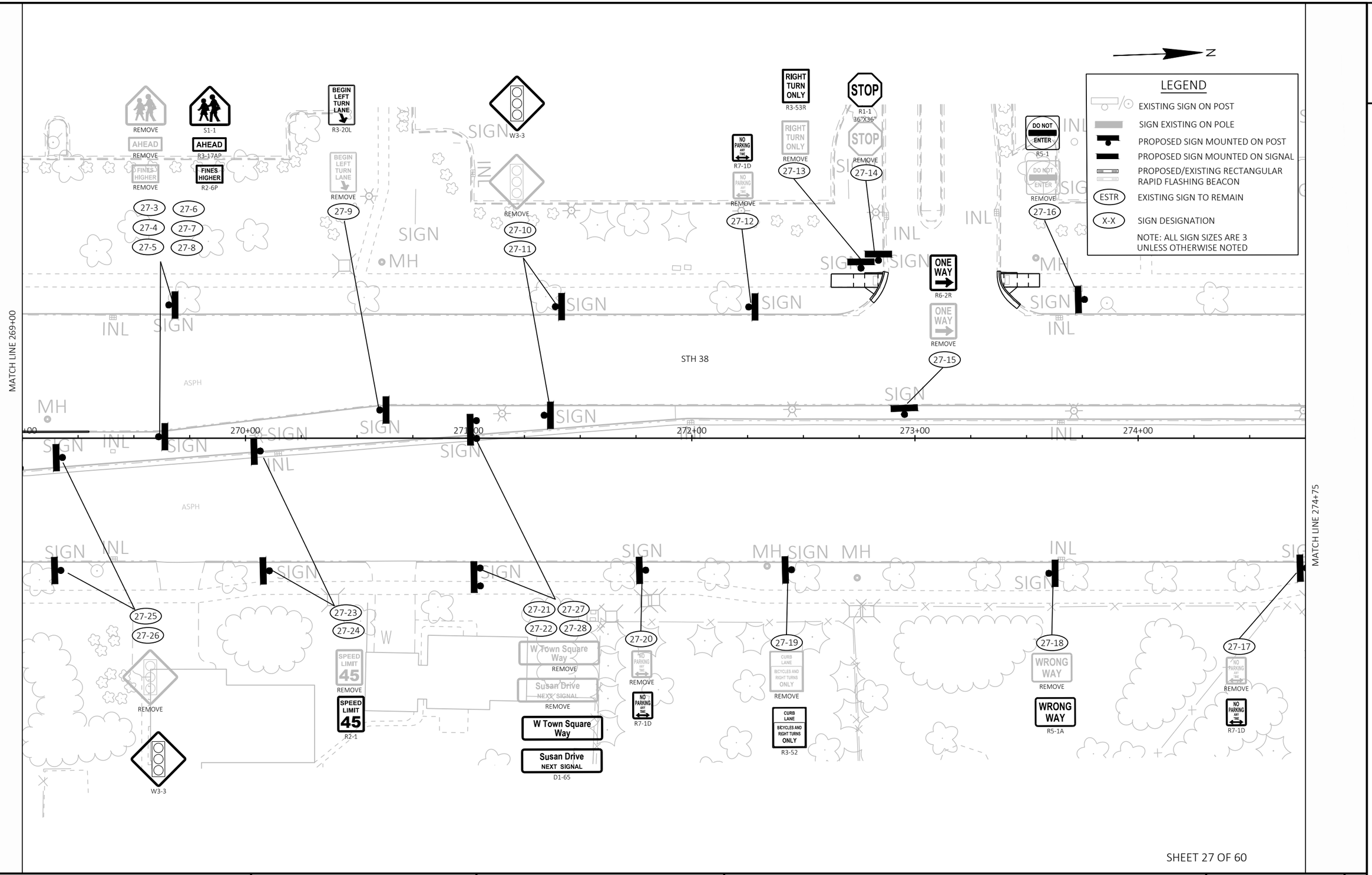
NOTE: ALL SIGN SIZES ARE 3 UNLESS OTHERWISE NOTED

SHEET 26 OF 60

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PERMANENT SIGNING	SHEET 230	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\023201-PS.DWG
LAYOUT NAME - 26

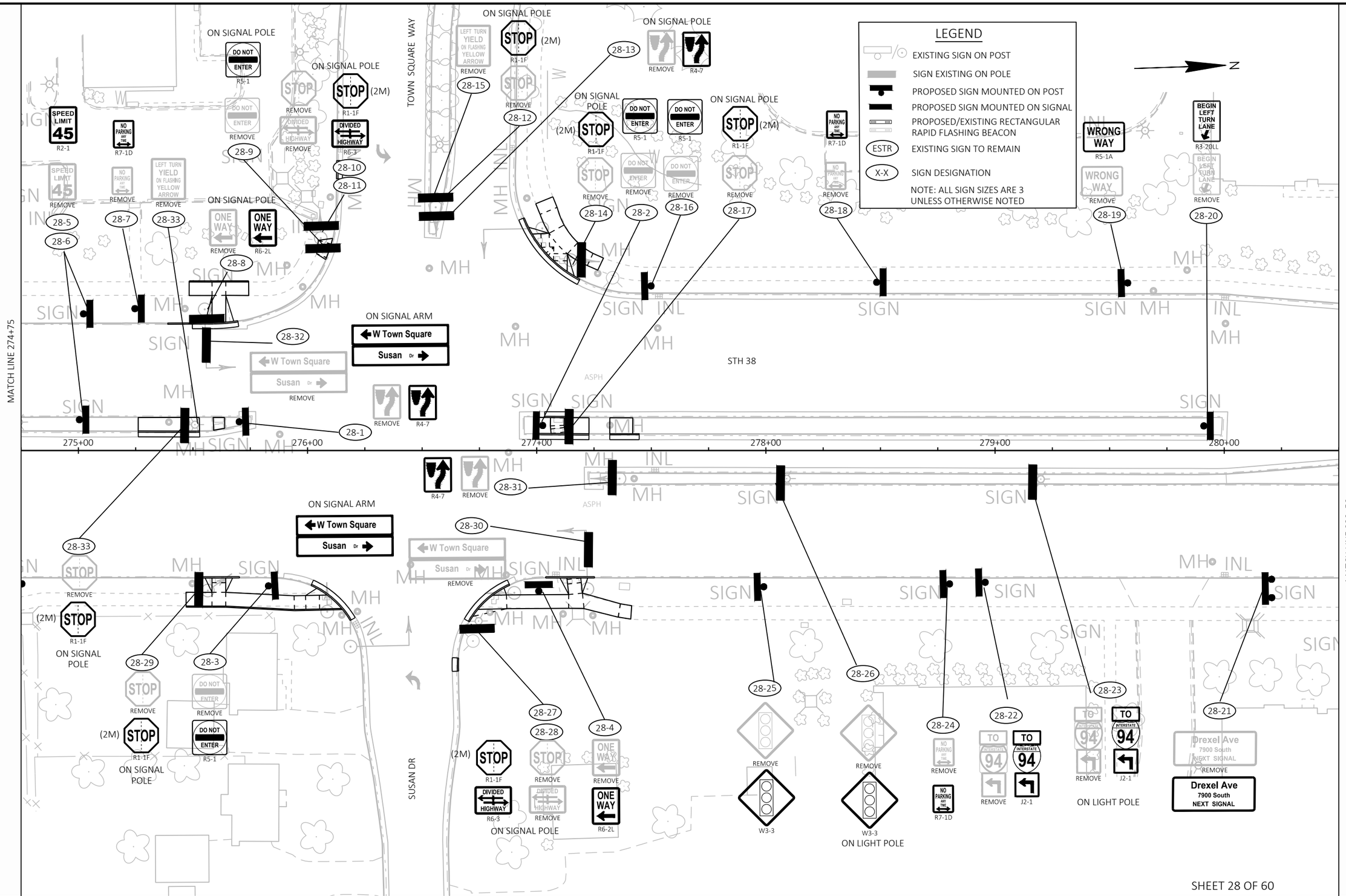
PLOT DATE : 1/29/2026 3:12 PM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1 IN:40 FT



SHEET 27 OF 60

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PERMANENT SIGNING	SHEET 231	E

2



SHEET 28 OF 60

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PERMANENT SIGNING	SHEET 232	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\023201-PS.DWG
LAYOUT NAME - 28
PLOT DATE : 1/29/2026 3:12 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

2

MATCH LINE 280+50

STH 38

ON STRUCTURE POST

TO INTERSTATE 94 J22-1

ON STRUCTURE POST

SPEED LIMIT 45 R2-1

NO PARKING ANY TIME R7-1D

SOUTH STH 38 J4-1

W Town Square Way REMOVE

Susan Drive NEXT SIGNAL REMOVE

W Town Square Way

Susan Drive NEXT SIGNAL D1-65

Susan Dr

W Town Square Way

Susan Dr REMOVE

W Town Square Way REMOVE

BEGIN LEFT TURN LANE R3-20L REMOVE

W3-3 REMOVE

CURB LANE BICYCLES AND RIGHT TURNS ONLY R3-52 REMOVE

SPEED LIMIT 45 R2-1 REMOVE

TO INTERSTATE 94 REMOVE

SPEED LIMIT 45 R2-1 REMOVE

NO PARKING ANY TIME R7-1D REMOVE

SOUTH STH 38 J4-1 REMOVE

29-1 29-2 29-3 29-4 29-5 29-6 29-7 29-8 29-9 29-10 29-11 29-12 29-21

MH SIGN INL

281+00 282+00 283+00 284+00 285+00 286+00

ONLY REMOVE

ONLY R3-5L

29-13 29-14

EXISTING SIGN STRUCTURE S-40-931

ON STRUCTURE ARM

MATCH LINE 286+25

29-20 29-19 29-17 29-16 29-15

Drexel Ave 7900 South NEXT SIGNAL REMOVE

Drexel Ave 7900 South NEXT SIGNAL

BEGIN LEFT TURN LANE REMOVE

BEGIN LEFT TURN LANE R3-20L

NO PARKING ANY TIME REMOVE

NO PARKING ANY TIME R7-1D

BEGIN RIGHT TURN LANE REMOVE

BEGIN RIGHT TURN LANE R3-20R

WRONG WAY REMOVE

WRONG WAY R5-1A

LEGEND

- EXISTING SIGN ON POST
- SIGN EXISTING ON POLE
- PROPOSED SIGN MOUNTED ON POST
- PROPOSED SIGN MOUNTED ON SIGNAL
- PROPOSED/EXISTING RECTANGULAR RAPID FLASHING BEACON
- (ESTR) EXISTING SIGN TO REMAIN
- (X-X) SIGN DESIGNATION

NOTE: ALL SIGN SIZES ARE 3 UNLESS OTHERWISE NOTED

SHEET 29 OF 60

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PERMANENT SIGNING	SHEET 233	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\023201-PS.DWG
LAYOUT NAME - 29
PLOT DATE : 1/29/2026 3:12 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

MATCH LINE 286+25

MATCH LINE 292+00

DREXEL AVE

STH 38

EXISTING SIGN STRUCTURE S-40-932

ON STRUCTURE ARM

2' MOUNTING HEIGHT

288+00 289+00 290+00 291+00

30-1 30-2 30-3 30-4 30-5 30-6 30-7 30-8 30-9 30-10 30-11 30-12 30-13 30-14 30-15 30-16 30-17 30-18 30-19 30-20 30-21 30-22 30-23 30-24 30-25 30-26 30-27 30-28 30-29 30-30 30-31 30-32 30-33 30-34 30-35 30-36 30-37 30-38 30-39 30-40 30-41 30-42 30-43 30-44

ON SIGNAL POLE

ON SIGNAL ARM

ON LIGHT POLE

ON STRUCTURE ARM

R1-1F R1-1 36"X36" R2-1 R3-5L R4-7 R5-1 R5-2 R6-2L R6-3 R7-1D W12-1D J3-1 J4-1 J5-56 M1-94H M3-1

(2M)

REMOVE

Drexel Ave

S Howell Ave

STOP ONE WAY DO NOT ENTER DIVIDED HIGHWAY NO PARKING ANY TIME TO INTERSTATE 94 WRONG WAY NORTH 38 SOUTH 38 ONLY ADOPT A HIGHWAY

SIGN MH INL ASPH

N

LEGEND

- EXISTING SIGN ON POST
- SIGN EXISTING ON POLE
- PROPOSED SIGN MOUNTED ON POST
- PROPOSED SIGN MOUNTED ON SIGNAL
- PROPOSED/EXISTING RECTANGULAR RAPID FLASHING BEACON
- (ESTR) EXISTING SIGN TO REMAIN
- (X-X) SIGN DESIGNATION

NOTE: ALL SIGN SIZES ARE 3 UNLESS OTHERWISE NOTED

SHEET 30 OF 60

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PERMANENT SIGNING	SHEET 234	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\023201-PS.DWG
LAYOUT NAME - 30
PLOT DATE : 1/29/2026 3:12 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

2

LEGEND

EXISTING SIGN ON POST

SIGN EXISTING ON POLE

PROPOSED SIGN MOUNTED ON POST

PROPOSED SIGN MOUNTED ON SIGNAL

PROPOSED/EXISTING RECTANGULAR RAPID FLASHING BEACON

ESTR EXISTING SIGN TO REMAIN

X-X SIGN DESIGNATION

NOTE: ALL SIGN SIZES ARE 3 UNLESS OTHERWISE NOTED

N

MATCH LINE 292+00

MATCH LINE 297+75

STH 38

293+00

294+00

295+00

297+00

SIGN

POST

TENNIS COURT

WALLS

RIPRAP

CEMETERY

ON LIGHT POLE

31-1 RIGHT TURN ONLY REMOVE — RIGHT TURN ONLY R3-53R

31-2 ONE WAY REMOVE — ONE WAY R6-2R

31-3 NO PARKING ANY TIME R7-1D REMOVE

31-4 NO PARKING ANY TIME REMOVE — NO PARKING ANY TIME R7-1D

31-5 BEGIN LEFT TURN LANE REMOVE — BEGIN LEFT TURN LANE R3-20LL

31-6 BEGIN RIGHT TURN LANE R3-20R REMOVE

31-7 TO INTERSTATE 94 J22-1 REMOVE

31-8 SPEED LIMIT 45 REMOVE — SPEED LIMIT 45 R2-1

31-9

31-10 Drexel Ave NEXT SIGNAL D1-65

31-11 Drexel Ave NEXT SIGNAL REMOVE

31-12 W3-3

31-13 REMOVE

31-14 CURB LANE BICYCLES AND RIGHT TURNS ONLY REMOVE — CURB LANE BICYCLES AND RIGHT TURNS ONLY R3-52

31-15 DO NOT ENTER REMOVE — DO NOT ENTER R5-1

31-16 R4-7 REMOVE

31-17 NO PARKING ANY TIME R7-1D REMOVE

31-18 BEGIN LEFT TURN LANE R3-20L REMOVE

N

SHEET 31 OF 60

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PERMANENT SIGNING	SHEET 235	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\023202-PS.DWG
LAYOUT NAME - 31
PLOT DATE : 1/29/2026 3:12 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

2

N

LEGEND

EXISTING SIGN ON POST

SIGN EXISTING ON POLE

PROPOSED SIGN MOUNTED ON POST

PROPOSED SIGN MOUNTED ON SIGNAL

PROPOSED/EXISTING RECTANGULAR RAPID FLASHING BEACON

ESTR EXISTING SIGN TO REMAIN

X-X SIGN DESIGNATION

NOTE: ALL SIGN SIZES ARE 3 UNLESS OTHERWISE NOTED

MATCH LINE 297+75

ON LIGHT POLE

ONE WAY R6-2L

REMOVE

32-1

R4-7

REMOVE

32-9

NO PARKING ANY TIME R7-1D

REMOVE

32-3

POST

SIGN

POST

SIGN

POST

POST

SIGN

POST

STH 38

298+00

299+00

300+00

301+00

302+00

303+00

SIGN

MATCH LINE 303+50

FIELDSTONE CIR

SIGN

32-2

REMOVE

NO PARKING ANY TIME R7-1D

SIGN

SIGN

WALLS

32-4

REMOVE

NO PARKING ANY TIME R7-1D

POST

32-5

32-7

32-6

32-8

REMOVE

AHEAD

REMOVE

W11-2

AHEAD W16-9P

SHEET 32 OF 60

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PERMANENT SIGNING	SHEET 236	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\023202-PS.DWG
LAYOUT NAME - 32

PLOT DATE : 1/29/2026 3:12 PM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- EXISTING SIGN ON POST
- SIGN EXISTING ON POLE
- PROPOSED SIGN MOUNTED ON POST
- PROPOSED SIGN MOUNTED ON SIGNAL
- PROPOSED/EXISTING RECTANGULAR RAPID FLASHING BEACON
- (ESTR) EXISTING SIGN TO REMAIN
- (X-X) SIGN DESIGNATION

NOTE: ALL SIGN SIZES ARE 3 UNLESS OTHERWISE NOTED

N

MATCH LINE 303+50

R7-1D
REMOVE
33-7

R7-1D
REMOVE
33-9

R4-7
REMOVE
33-12

R6-2L
REMOVE
33-14

R4-7
REMOVE
33-15

W11-2
W16-7L
REMOVE
33-16
33-13

W11-2
36"X36"
W16-7R
30"X18"
REMOVE
33-1
33-2

SIGN
POST
SIGN
SIGN
POST
SIGN
SIGN
SIGN

2

2

MATCH LINE 309+25

MATCH LINE 315+05

N

RIPRAP

FLAG

RIPRAP

STH 38

SPEED LIMIT 45
R2-1
REMOVE
34-1

NO PARKING ANY TIME
R7-1D
REMOVE
34-3

ONE WAY
R6-2R
REMOVE
34-5

BEGIN LEFT TURN LANE
R3-20L
REMOVE
34-6

W11-2
AHEAD
W16-9P
REMOVE
AHEAD
REMOVE
34-9
34-16
34-10
34-17

NO PARKING ANY TIME
R7-1D
REMOVE
34-11

CURB LANE
BICYCLES AND RIGHT TURNS ONLY
R3-52
REMOVE
34-13

SIGN
SIGN
POST
SIGN
SIGN
SIGN
SIGN
POST
POST
SIGN
SIGN
SIGN
SIGN
SIGN
SIGN
SIGN

310+00
311+00
312+00
313+00
314+00
315+00

34-2
SPEED LIMIT 45
REMOVE
SPEED LIMIT 45
R2-1

34-4
NO PARKING ANY TIME
REMOVE
NO PARKING ANY TIME
R7-1D

34-7
34-14
34-8
34-15
REMOVE
AHEAD
REMOVE
W11-2
AHEAD
W16-9P

34-12
NO PARKING ANY TIME
REMOVE
NO PARKING ANY TIME
R7-1D

LEGEND

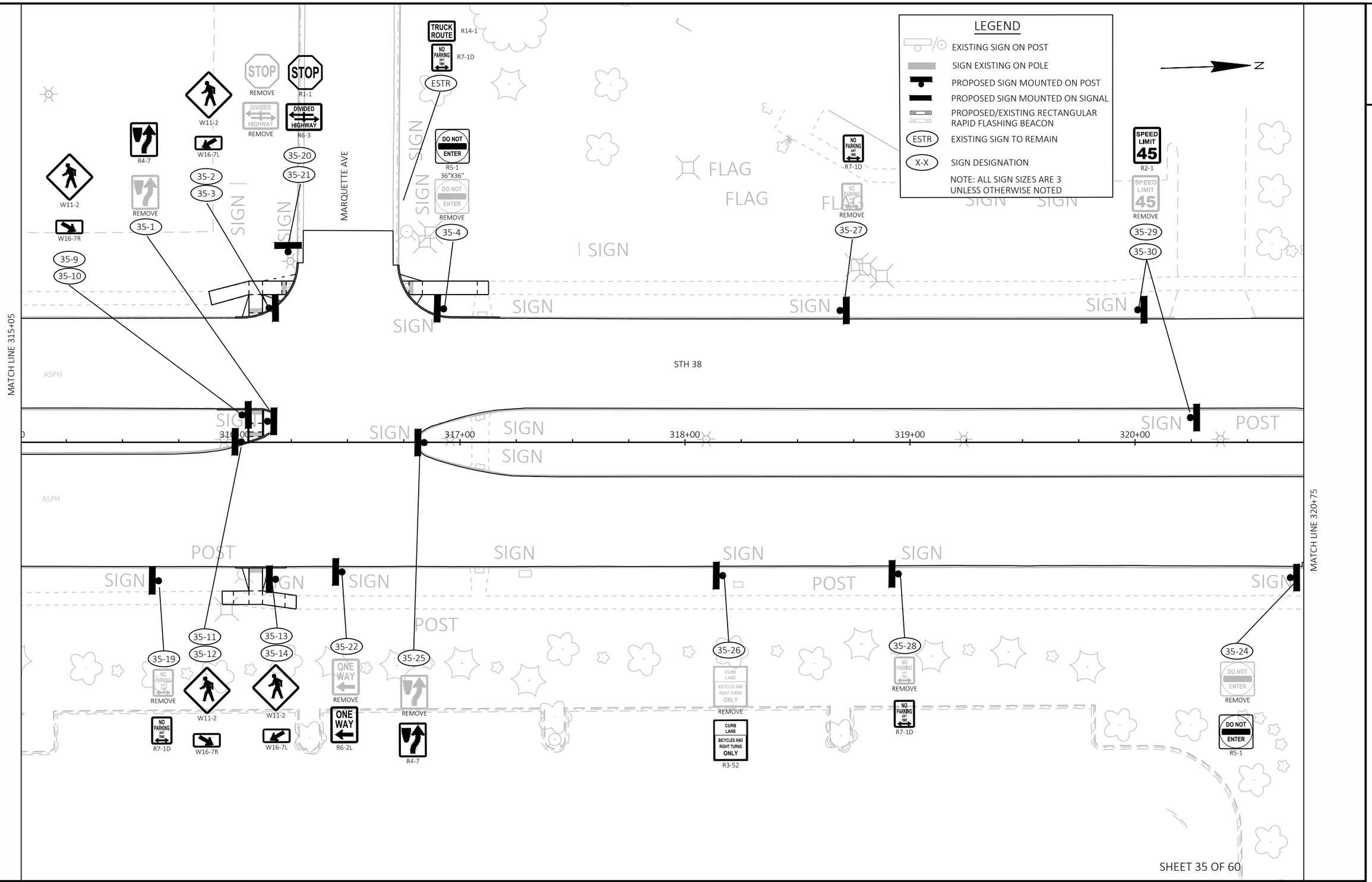
- EXISTING SIGN ON POST
- SIGN EXISTING ON POLE
- PROPOSED SIGN MOUNTED ON POST
- PROPOSED SIGN MOUNTED ON SIGNAL
- PROPOSED/EXISTING RECTANGULAR RAPID FLASHING BEACON
- ESTR — EXISTING SIGN TO REMAIN
- X-X — SIGN DESIGNATION

NOTE: ALL SIGN SIZES ARE 3 UNLESS OTHERWISE NOTED

SHEET 34 OF 60

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PERMANENT SIGNING	SHEET 238	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\023202-PS.DWG
LAYOUT NAME - 34
PLOT DATE : 1/29/2026 3:12 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42


LEGEND
EXISTING SIGN ON POST
SIGN EXISTING ON POLE
PROPOSED SIGN MOUNTED ON POST
PROPOSED SIGN MOUNTED ON SIGNAL
PROPOSED/EXISTING RECTANGULAR RAPID FLASHING BEACON
ESTR EXISTING SIGN TO REMAIN
X-X SIGN DESIGNATION
NOTE: ALL SIGN SIZES ARE 3 UNLESS OTHERWISE NOTED
N
MATCH LINE 315+05
MATCH LINE 320+75
MARQUETTE AVE
STH 38
ASPH
FLAG
SIGN
POST
316+00
317+00
318+00
319+00
320+00
TRUCK ROUTE
R14-1
NO PARKING ANY TIME
R7-1D
ESTR
DO NOT ENTER
R5-1
36"X36"
REMOVE
STOP
R1-1
DIVIDED HIGHWAY
R6-3
W11-2
W16-7L
W16-7R
R4-7
35-1
35-2
35-3
35-4
35-9
35-10
35-11
35-12
35-13
35-14
35-19
35-20
35-21
35-22
35-24
35-25
35-26
35-27
35-28
35-29
35-30
SPEED LIMIT 45
R2-1
CURB LANE
BICYCLES AND RIGHT TURNS ONLY
R3-52
ONE WAY
R6-2L

2

LEGEND

- EXISTING SIGN ON POST
- SIGN EXISTING ON POLE
- PROPOSED SIGN MOUNTED ON POST
- PROPOSED SIGN MOUNTED ON SIGNAL
- PROPOSED/EXISTING RECTANGULAR RAPID FLASHING BEACON
- (ESTR) EXISTING SIGN TO REMAIN
- (X-X) SIGN DESIGNATION

NOTE: ALL SIGN SIZES ARE 3 UNLESS OTHERWISE NOTED

N

MATCH LINE 320+75

MATCH LINE 326+50

STH 38

ASPH

WATER TOWER
WATER TOWER

W11-2
AHEAD
W16-9P
REMOVE
AHEAD
REMOVE

ONE WAY
R6-2L
REMOVE
36-3

NO PARKING ANY TIME
R7-1D
REMOVE
36-4

36-7
36-8
36-9
36-10

NO PARKING ANY TIME
R7-1D
REMOVE
36-15

SIGN
POST
POST
POST
POST
SIGN
SIGN
SIGN

2

LEGEND

- EXISTING SIGN ON POST
- SIGN EXISTING ON POLE
- PROPOSED SIGN MOUNTED ON POST
- PROPOSED SIGN MOUNTED ON SIGNAL
- PROPOSED/EXISTING RECTANGULAR RAPID FLASHING BEACON
- (ESTR) EXISTING SIGN TO REMAIN
- (X-X) SIGN DESIGNATION

NOTE: ALL SIGN SIZES ARE 3 UNLESS OTHERWISE NOTED

N

MATCH LINE 326+50

MATCH LINE 332+25

STH 38

WALLS

POST

POST

SIGN

SIGN

SIGN

SIGN

SIGN

SIGN

SIGN

SIGN

SIGN

SIGN

SIGN

SIGN

SIGN

SIGN

SIGN

SIGN

327+00

328+00

329+00

330+00

331+00

332+00

37-1

37-2

Rawson Ave NEXT SIGNAL
REMOVE

Rawson Ave NEXT SIGNAL
D1-65

37-3

R4-7
REMOVE

37-4

REMOVE

R4-7
ON LIGHT POLE

37-5

NO PARKING ANY TIME
R7-1D
REMOVE

37-6

NO PARKING ANY TIME
REMOVE

NO PARKING ANY TIME
R7-1D

37-7

37-8

JCT
COUNTY BB
REMOVE

JCT
COUNTY BB
J1-1

37-9

NO PARKING ANY TIME
R7-1D
REMOVE

37-10

37-11

REMOVE

W3-3

37-12

BEGIN LEFT TURN LANE
R3-20L
REMOVE

SHEET 37 OF 60

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PERMANENT SIGNING	SHEET 241	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\023202-PS.DWG
LAYOUT NAME - 37
PLOT DATE : 1/29/2026 3:13 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

2

LEGEND

- EXISTING SIGN ON POST
- SIGN EXISTING ON POLE
- PROPOSED SIGN MOUNTED ON POST
- PROPOSED SIGN MOUNTED ON SIGNAL
- PROPOSED/EXISTING RECTANGULAR RAPID FLASHING BEACON
- (ESTR) EXISTING SIGN TO REMAIN
- (X-X) SIGN DESIGNATION

NOTE: ALL SIGN SIZES ARE 3 UNLESS OTHERWISE NOTED

N

MATCH LINE 332+25

STH 38

333+00 334+00 335+00 336+00 337+00 338

MATCH LINE 338+00

ASPH

SIGN

POST

38-1 R7-1D REMOVE

38-2 J2-3 REMOVE

38-3 R7-1D REMOVE

38-4 R4-7 REMOVE

38-5 R4-7 REMOVE

38-6 R3-20L REMOVE

38-7 R7-1D REMOVE

38-8 J3-1 REMOVE

38-9 R3-52 REMOVE

38-10 R3-20R REMOVE

38-11 J23-1 REMOVE

38-12 R7-1D REMOVE

38-13 R2-1 REMOVE

38-14

38-15 J3-1 REMOVE

38-16 REMOVE

38-17 R5-1A REMOVE

38-18 R3-20LL REMOVE

SHEET 38 OF 60

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PERMANENT SIGNING	SHEET 242	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\023202-PS.DWG
LAYOUT NAME - 38

PLOT DATE : 1/29/2026 3:13 PM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1 IN:40 FT

LEGEND

- EXISTING SIGN ON POST
- SIGN EXISTING ON POLE
- PROPOSED SIGN MOUNTED ON POST
- PROPOSED SIGN MOUNTED ON SIGNAL
- PROPOSED/EXISTING RECTANGULAR RAPID FLASHING BEACON
- (ESTR) EXISTING SIGN TO REMAIN
- (X-X) SIGN DESIGNATION

NOTE: ALL SIGN SIZES ARE 3 UNLESS OTHERWISE NOTED

MATCH LINE 338+00

MATCH LINE 343+75

STH 38

RAWSON AVE

339+00 340+00 341+00 342+00 343+00

39-1 39-2 39-3 39-4 39-5 39-6 39-7 39-8 39-9 39-10 39-11 39-12 39-13 39-14 39-15 39-16 39-17 39-18 39-19 39-20 39-21 39-22 39-23 39-24 39-25 39-26 39-27 39-28 39-29 39-30 39-31 39-32 39-33 39-34 39-35 39-36 39-37 39-38 39-39 39-40 39-41 39-42 39-43 39-44 39-45 39-46 39-47 39-48 39-49 39-50 39-51 39-52 39-53 39-54

ON SIGNAL POLE (2M) STOP R1-1F; REMOVE; DIVIDED HIGHWAY R6-3; REMOVE

2' MOUNTING HEIGHT W12-1D; REMOVE

ON SIGNAL POLE ONE WAY R6-2L; REMOVE

ON SIGNAL POLE (2M) STOP R1-1F; REMOVE; ONE WAY R6-2L; REMOVE

SOUTH 38 J1-1; REMOVE

WEST COUNTY BB J1-1; REMOVE

BEGIN LEFT TURN LANE R3-20LL; REMOVE

ON STRUCTURE ARM ONLY R3-5L; REMOVE

R4-7 ON SIGNAL POLE; REMOVE

S Howell Ave REMOVE; S Howell Ave M1-94H ON SIGNAL ARM

Rawson Ave REMOVE; Rawson Ave M1-94H ON SIGNAL ARM

DO NOT ENTER R5-1; REMOVE; ON SIGNAL POLE

R3-4; REMOVE

ON SIGNAL POLE (2M) STOP R1-1F; REMOVE; DIVIDED HIGHWAY R6-3; REMOVE

ON SIGNAL POLE STOP R1-1F; REMOVE; DIVIDED HIGHWAY R6-3; REMOVE

ON SIGNAL POLE (2M) STOP R1-1F; REMOVE; ONE WAY R6-2L; REMOVE

2' MOUNTING HEIGHT W12-1D; REMOVE

ON SIGNAL POLE STOP R1-1F; REMOVE; DIVIDED HIGHWAY R6-3; REMOVE

ON SIGNAL POLE (2M) STOP R1-1F; REMOVE; DIVIDED HIGHWAY R6-3; REMOVE

ON SIGNAL POLE STOP R1-1F; REMOVE; DIVIDED HIGHWAY R6-3; REMOVE

ON SIGNAL POLE (2M) STOP R1-1F; REMOVE; DIVIDED HIGHWAY R6-3; REMOVE

ON SIGNAL POLE ONE WAY R6-2L; REMOVE

ON SIGNAL POLE NORTH 38 J1-1; REMOVE

NO PARKING ANY TIME R7-1D; REMOVE

ADOPT A HIGHWAY I55-56

EAST COUNTY BB J1-1; REMOVE

ON LIGHT POLE YIELD R1-2; REMOVE

2' MOUNTING HEIGHT W12-1D

SIGN

POST

SHEET 39 OF 60

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PERMANENT SIGNING	SHEET 243	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\023202-PS.DWG
LAYOUT NAME - 39

PLOT DATE : 5/20/2026 7:49 AM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

N

MATCH LINE 343+75

STH 38

344+00 345+00 346+00 348+00 349+00

MATCH LINE 349+50

WRONG WAY R5-1A — REMOVE — 40-3

NO PARKING ANY TIME R7-1D — REMOVE — 40-4

EAST COUNTY BB — REMOVE — 40-5

EAST COUNTY BB J3-1

TO INTERSTATE 94 WEST COUNTY BB — REMOVE — 40-6

WEST COUNTY BB TO INTERSTATE 94 J2-2

BEGIN LEFT TURN LANE R3-20L — REMOVE — 40-8

R4-7 — REMOVE — 40-9

ONE WAY R6-2L — REMOVE — 40-10

NO PARKING ANY TIME R7-1D — REMOVE — 40-11

EAST COUNTY BB WEST COUNTY BB TO INTERSTATE 94 J3-3 — REMOVE — 40-14

SPEED LIMIT 45 R2-1 — REMOVE — 40-1, 40-2

NO PARKING ANY TIME R7-1D — REMOVE — 40-7

NO PARKING ANY TIME R7-1D — REMOVE — 40-12

R4-7 — REMOVE — 40-13

CURB LANE / BICYCLES AND RIGHT TURNS ONLY R3-52 — REMOVE — 40-15

SIGN POST

LEGEND

- EXISTING SIGN ON POST
- SIGN EXISTING ON POLE
- PROPOSED SIGN MOUNTED ON POST
- PROPOSED SIGN MOUNTED ON SIGNAL
- PROPOSED/EXISTING RECTANGULAR RAPID FLASHING BEACON
- (ESTR) EXISTING SIGN TO REMAIN
- (X-X) SIGN DESIGNATION

NOTE: ALL SIGN SIZES ARE 3 UNLESS OTHERWISE NOTED

SHEET 40 OF 60

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PERMANENT SIGNING	SHEET 244	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\023202-PS.DWG
LAYOUT NAME - 40
PLOT DATE : 1/29/2026 3:13 PM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

LEGEND

- EXISTING SIGN ON POST
- SIGN EXISTING ON POLE
- PROPOSED SIGN MOUNTED ON POST
- PROPOSED SIGN MOUNTED ON SIGNAL
- PROPOSED/EXISTING RECTANGULAR RAPID FLASHING BEACON
- (ESTR) EXISTING SIGN TO REMAIN
- (X-X) SIGN DESIGNATION

NOTE: ALL SIGN SIZES ARE 3 UNLESS OTHERWISE NOTED

MATCH LINE 349+50

Rawson Ave
NEXT SIGNAL
D1-65

Rawson Ave
NEXT SIGNAL
REMOVE

41-2
41-1

W3-3

REMOVE

41-4
41-3

R7-1D

REMOVE

41-5

JCT
COUNTY
BB
J1-1

JCT
COUNTY
BB
REMOVE

41-8
41-7

R7-1D

REMOVE

41-9

SIGN
SIGN
SIGN
SIGN
SIGN
SIGN
SIGN
SIGN
SIGN
SIGN
SIGN
SIGN
SIGN
SIGN
SIGN
POST
POST

STH 38

350+00
351+00
352+00
353+00
354+00
355+00

MATCH LINE 355+25

41-6

REMOVE

R7-1D

41-10

WRONG WAY
REMOVE

WRONG WAY
R5-1A

41-11

REMOVE

R7-1D

RIPRAP

W
W

SHEET 41 OF 60

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PERMANENT SIGNING	SHEET 245	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\023202-PS.DWG
LAYOUT NAME - 41

PLOT DATE : 1/29/2026 3:13 PM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND

- EXISTING SIGN ON POST
- SIGN EXISTING ON POLE
- PROPOSED SIGN MOUNTED ON POST
- PROPOSED SIGN MOUNTED ON SIGNAL
- PROPOSED/EXISTING RECTANGULAR RAPID FLASHING BEACON
- (ESTR) EXISTING SIGN TO REMAIN
- (X-X) SIGN DESIGNATION

NOTE: ALL SIGN SIZES ARE 3 UNLESS OTHERWISE NOTED

N

MATCH LINE 355+25

STH 38

MATCH LINE 361+00

356+00 357+00 358+00 359+00 360+00 361

SIGN POST SIGN SIGN SIGN POST SIGN POST

SIGN SIGN SIGN SIGN SIGN SIGN POST SIGN SIGN SIGN

RIPRAP

W W

42-1 CURB LANE / BICYCLES AND RIGHT TURNS ONLY R3-52 — CURB LANE / BICYCLES AND RIGHT TURNS ONLY — REMOVE

42-2 R4-7 — REMOVE

42-3 R7-1D — NO PARKING ANY TIME — REMOVE

42-4 R6-2L ONE WAY — ONE WAY — REMOVE

42-14 R7-1D NO PARKING ANY TIME — REMOVE

42-5 DO NOT ENTER — REMOVE — DO NOT ENTER R5-1

42-6 R4-7 — REMOVE — R4-7 ON LIGHT POLE

42-7 42-8 SPEED LIMIT 45 — REMOVE — SPEED LIMIT 45 R2-1

42-9 NO PARKING ANY TIME — REMOVE — NO PARKING ANY TIME R7-1D

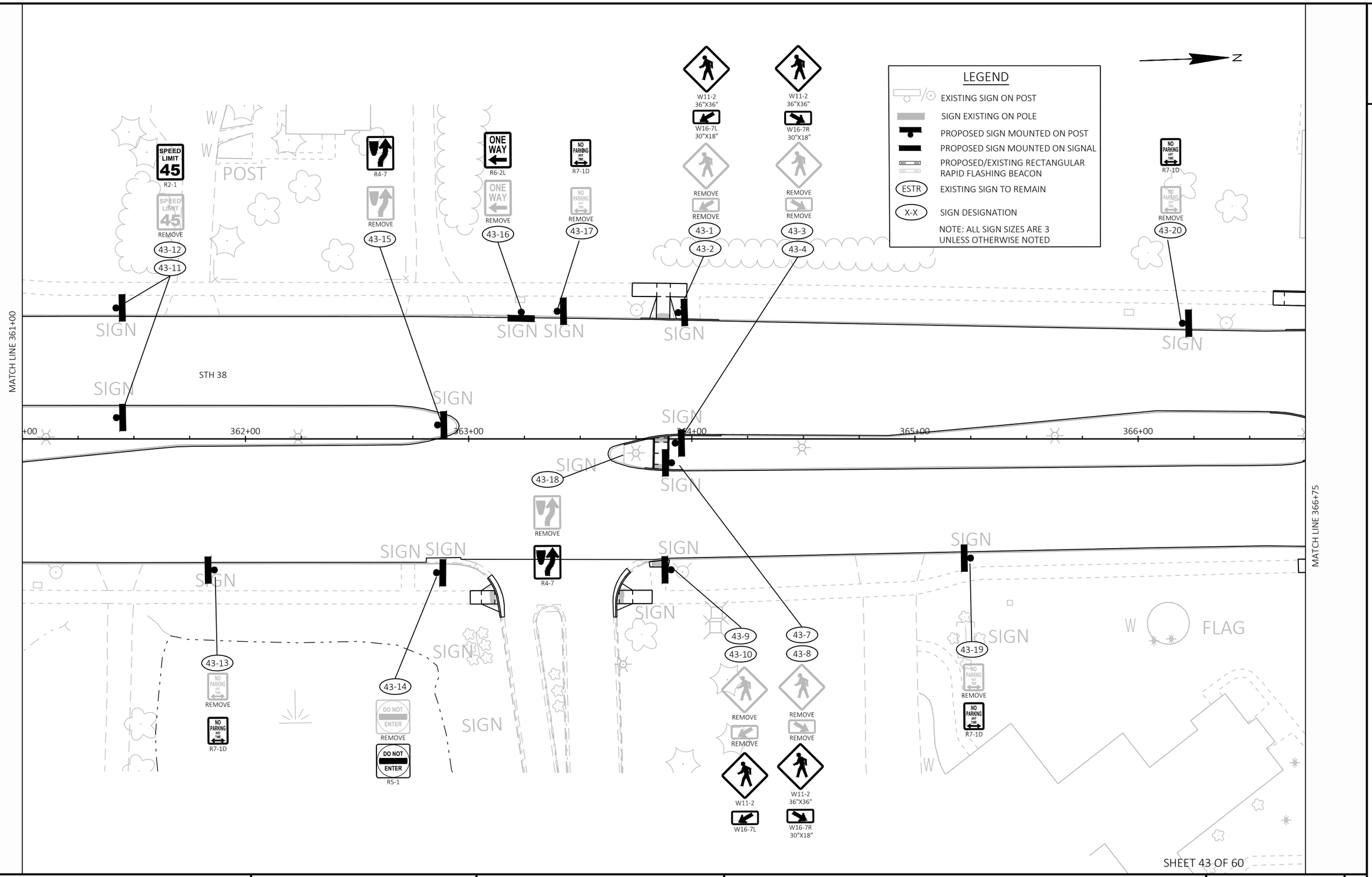
42-10 42-11 42-12 42-13 — REMOVE — AHEAD — REMOVE — W11-2 — AHEAD W16-9P

SHEET 42 OF 60

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PERMANENT SIGNING	SHEET 246	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\023202-PS.DWG
LAYOUT NAME - 42
PLOT DATE : 1/29/2026 3:13 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2



SHEET 43 OF 60

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PERMANENT SIGNING	SHEET 247	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\023202-PS.DWG
LAYOUT NAME - 43

PLOT DATE : 1/29/2026 3:13 PM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND

- EXISTING SIGN ON POST
- SIGN EXISTING ON POLE
- PROPOSED SIGN MOUNTED ON POST
- PROPOSED SIGN MOUNTED ON SIGNAL
- PROPOSED/EXISTING RECTANGULAR RAPID FLASHING BEACON
- (ESTR) EXISTING SIGN TO REMAIN
- (X-X) SIGN DESIGNATION

NOTE: ALL SIGN SIZES ARE 3 UNLESS OTHERWISE NOTED

N

MATCH LINE 366+75

MATCH LINE 372+50

STH 38

ASPH

OAK ST

367+00 368+00 369+00 370+00 371+00 372+00

44-1 REMOVE R4-7 36"X48"

44-2 REMOVE DO NOT ENTER; DO NOT ENTER R5-1 36"X36"

44-3 REMOVE ONE WAY R6-2L

44-4 REMOVE ON LIGHT POLE R4-7

44-5 REMOVE NO PARKING ANY TIME R7-1D

44-6 REMOVE DEAD END W14-1

44-7 REMOVE STOP

44-8 REMOVE DIVIDED HIGHWAY; R1-1 STOP; R6-3 DIVIDED HIGHWAY

44-9 REMOVE NO PARKING ANY TIME R7-1D

44-10 REMOVE SPEED LIMIT 45

44-11 R2-1 SPEED LIMIT 45

44-12 REMOVE NO PARKING ANY TIME R7-1D

44-13 44-14 REMOVE SPEED LIMIT 45 R2-1

44-15 REMOVE NO PARKING ANY TIME R7-1D

44-16 REMOVE NO PARKING ANY TIME R7-1D

SHEET 44 OF 60

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PERMANENT SIGNING	SHEET 248	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\023202-PS.DWG
LAYOUT NAME - 44

PLOT DATE : 1/29/2026 3:13 PM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1 IN:40 FT

LEGEND

- EXISTING SIGN ON POST
- SIGN EXISTING ON POLE
- PROPOSED SIGN MOUNTED ON POST
- PROPOSED SIGN MOUNTED ON SIGNAL
- PROPOSED/EXISTING RECTANGULAR RAPID FLASHING BEACON
- (ESTR) EXISTING SIGN TO REMAIN
- (X-X) SIGN DESIGNATION

NOTE: ALL SIGN SIZES ARE 3 UNLESS OTHERWISE NOTED

MATCH LINE 372+50

MATCH LINE 378+25

STH 38

JEWELL ST

ASPH

RIPRAP

POST

SIGN

REMOVE

373+00 374+00 375+00 376+00 377+00 378+00

45-1 45-2 45-3 45-4 45-5 45-6 45-7 45-8 45-9 45-10 45-11 45-12 45-13 45-14 45-15 45-16 45-17 45-18 45-19 45-20 45-21 45-22

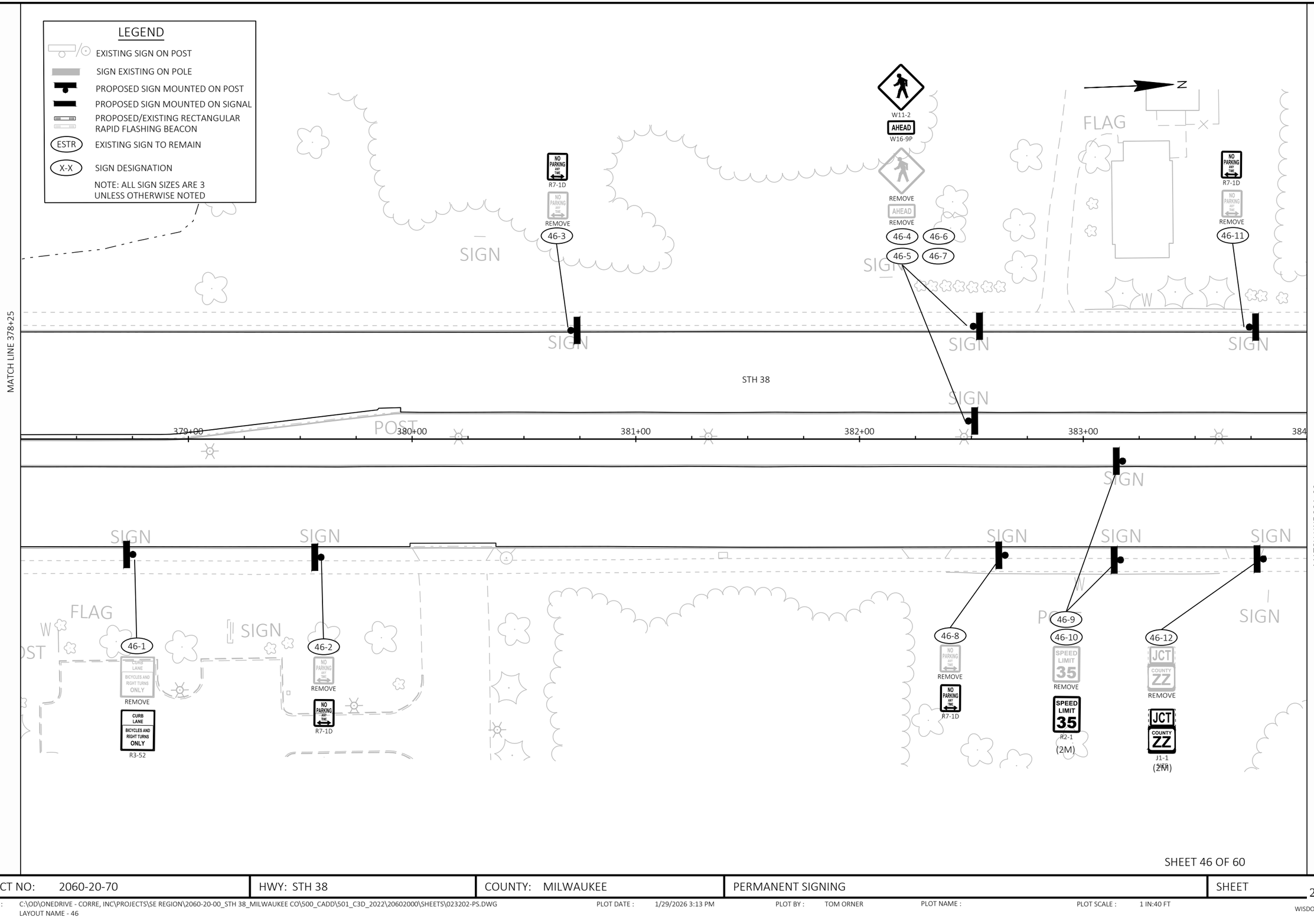
R3-52 R4-7 R5-1 R6-3 R7-1D R1-1 R1-1F W11-2 W16-7L W16-7R W14-1 R6-2L

2

LEGEND

- EXISTING SIGN ON POST
- SIGN EXISTING ON POLE
- PROPOSED SIGN MOUNTED ON POST
- PROPOSED SIGN MOUNTED ON SIGNAL
- PROPOSED/EXISTING RECTANGULAR RAPID FLASHING BEACON
- (ESTR) EXISTING SIGN TO REMAIN
- (X-X) SIGN DESIGNATION

NOTE: ALL SIGN SIZES ARE 3 UNLESS OTHERWISE NOTED



SHEET 46 OF 60

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PERMANENT SIGNING	SHEET 250	E

2

LEGEND

- EXISTING SIGN ON POST
- SIGN EXISTING ON POLE
- PROPOSED SIGN MOUNTED ON POST
- PROPOSED SIGN MOUNTED ON SIGNAL
- PROPOSED/EXISTING RECTANGULAR RAPID FLASHING BEACON
- (ESTR) EXISTING SIGN TO REMAIN
- (X-X) SIGN DESIGNATION

NOTE: ALL SIGN SIZES ARE 3 UNLESS OTHERWISE NOTED

N

MATCH LINE 384+00

MATCH LINE 389+75

STH 38

384+00 385+00 386+00 387+00 388+00 389+00

SIGN

CEMETERY

47-1 College Ave 6300 South NEXT SIGNAL — REMOVE — College Ave 6300 South NEXT SIGNAL D1-65 (2M)

47-2 ONE WAY — REMOVE — ONE WAY R6-2R (2M)

47-3 47-4 — REMOVE — W3-3 (2M)

47-5 NO PARKING ANY TIME — REMOVE — R7-1D (2M)

47-6 TO WEST EAST / INTERSTATE 94 / COUNTY ZZ — REMOVE — J3-3 (2M)

47-7 NO PARKING ANY TIME R7-1D — REMOVE

47-8 NO PASSING ZONE R9-3 — REMOVE

47-9 USE CROSSWALK R9-3BR — REMOVE

47-10 R4-7 — REMOVE

47-11 NO PASSING ZONE R9-3 (2M); USE CROSSWALK R9-3BR (2M)

47-12 — REMOVE

47-13 R4-7 — REMOVE — (2M)

47-14 BEGIN LEFT TURN LANE — REMOVE — BEGIN LEFT TURN LANE R3-20L (2M)

47-15 SPEED LIMIT 45 R2-1 — REMOVE

47-16 — REMOVE

47-17 (2M) NO PARKING ANY TIME R7-1D — REMOVE

47-18 TO WEST / INTERSTATE 94 / COUNTY ZZ — REMOVE — J2-2 (2M)

47-19 (2M) CURB LANE BICYCLES AND RIGHT TURNS ONLY R3-52 — REMOVE

47-20 NO PARKING ANY TIME R7-1D — REMOVE — (2M)

SHEET 47 OF 60

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PERMANENT SIGNING	SHEET 251	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\023202-PS.DWG
LAYOUT NAME - 47
PLOT DATE : 1/29/2026 3:13 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

LEGEND

- EXISTING SIGN ON POST
- SIGN EXISTING ON POLE
- PROPOSED SIGN MOUNTED ON POST
- PROPOSED SIGN MOUNTED ON SIGNAL
- PROPOSED/EXISTING RECTANGULAR RAPID FLASHING BEACON
- (ESTR) EXISTING SIGN TO REMAIN
- (X-X) SIGN DESIGNATION

NOTE: ALL SIGN SIZES ARE 3 UNLESS OTHERWISE NOTED

MATCH LINE 389+75

MATCH LINE 395+50

STH 38

390+00 391+00 392+00 393+00 394+00 395+00

COLLEGE AVE

48-1 EAST COUNTY ZZ J3-1 (2M) ON LIGHT POLE

48-2 (2M) ONE WAY R6-2R REMOVE

48-3 (2M) NO PARKING ANY TIME R7-1D REMOVE

48-4 (2M) ONE WAY R6-2R REMOVE

48-5 H D9-2 REMOVE J12-1 (2M) ON LIGHT POLE

48-6 WRONG WAY REMOVE WRONG WAY R5-1A (2M)

48-7 48-8 STOP R1-1F REMOVE DIVIDED HIGHWAY R6-3 REMOVE STOP R1-1F (2M) DIVIDED HIGHWAY R6-3 (2M) ON SIGNAL

48-9 STOP R1-1F REMOVE STOP R1-1F (2M) ON SIGNAL POLE

48-10 DO NOT ENTER R5-1 REMOVE DO NOT ENTER R5-1 (2M) ON SIGNAL POLE

48-11 ONE WAY R6-2L REMOVE ONE WAY R6-2L (2M) ON SIGNAL POLE

48-12 EAST COUNTY ZZ REMOVE J1-1 (2M)

48-13 R4-7 REMOVE R4-7 (2M) ON SIGNAL POLE

48-14 ON SIGNAL ARM College Ave M1-94H (2M) College Ave REMOVE

48-15 S Howell Ave REMOVE 38 S Howell Ave M1-94H (2M) ON SIGNAL ARM

48-16 ON SIGNAL POLE

48-17 ON SIGNAL POLE

48-18 ON SIGNAL POLE

48-19 SOUTH 38 J3-1 SOUTH 38 REMOVE (2M)

48-20 (2M) STOP R1-1F (2M) DIVIDED HIGHWAY R6-3 STOP REMOVE DIVIDED HIGHWAY REMOVE

48-21 ON SIGNAL POLE

48-22 LEFT TURN YIELD ON FLASHING YELLOW ARROW REMOVE

48-23 ON SIGNAL POLE

48-24 R4-7 REMOVE R4-7 (2M)

48-25 ON SIGNAL POLE

48-26 ON SIGNAL POLE

48-27 DO NOT ENTER REMOVE DO NOT ENTER R5-1 (2M)

48-28 48-29 STOP REMOVE STOP R1-1F DIVIDED HIGHWAY REMOVE DIVIDED HIGHWAY R6-3 (2M) ON SIGNAL POLE

48-30 SOUTH 38 REMOVE SOUTH 38 J3-1 (2M) ON LIGHT POLE

48-31 NORTH 38 REMOVE NORTH 38 J3-1 (2M)

48-32 STOP REMOVE STOP R1-1F (2M) ON SIGNAL POLE

48-33 ON SIGNAL ARM ON SIGNAL POLE

48-34 ONE WAY REMOVE ONE WAY R6-2L (2M) ON SIGNAL POLE

48-35 Milwaukee POPULATION 577,222 REMOVE Milwaukee POPULATION 577,222 I2-3 (2)

48-36 College Ave REMOVE College Ave M1-94H (2M)

48-37 ON SIGNAL POLE

48-39 ON SIGNAL POLE (2M) ONE WAY R6-2L REMOVE

48-40 (3) STOP R1-1 REMOVE ON LIGHT POLE

48-41 (2M) STOP R1-1F REMOVE

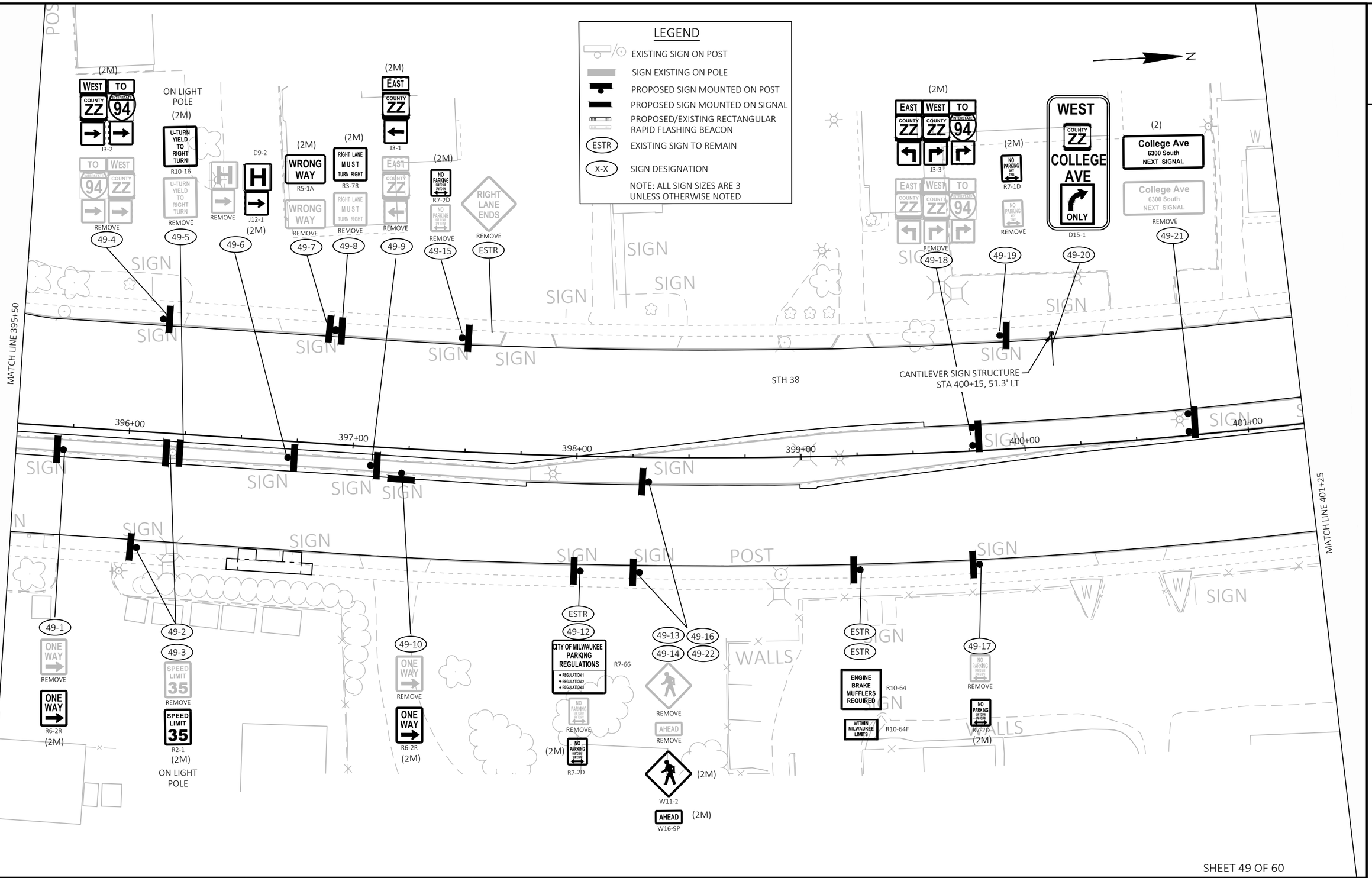
48-42 2' MOUNTING HEIGHT (2M) W12-1D REMOVE

48-43 48-44 48-45 STOP R1-1F REMOVE (2M) DIVIDED HIGHWAY R6-3 REMOVE (2M)

SHEET 48 OF 60

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PERMANENT SIGNING	SHEET 252	E

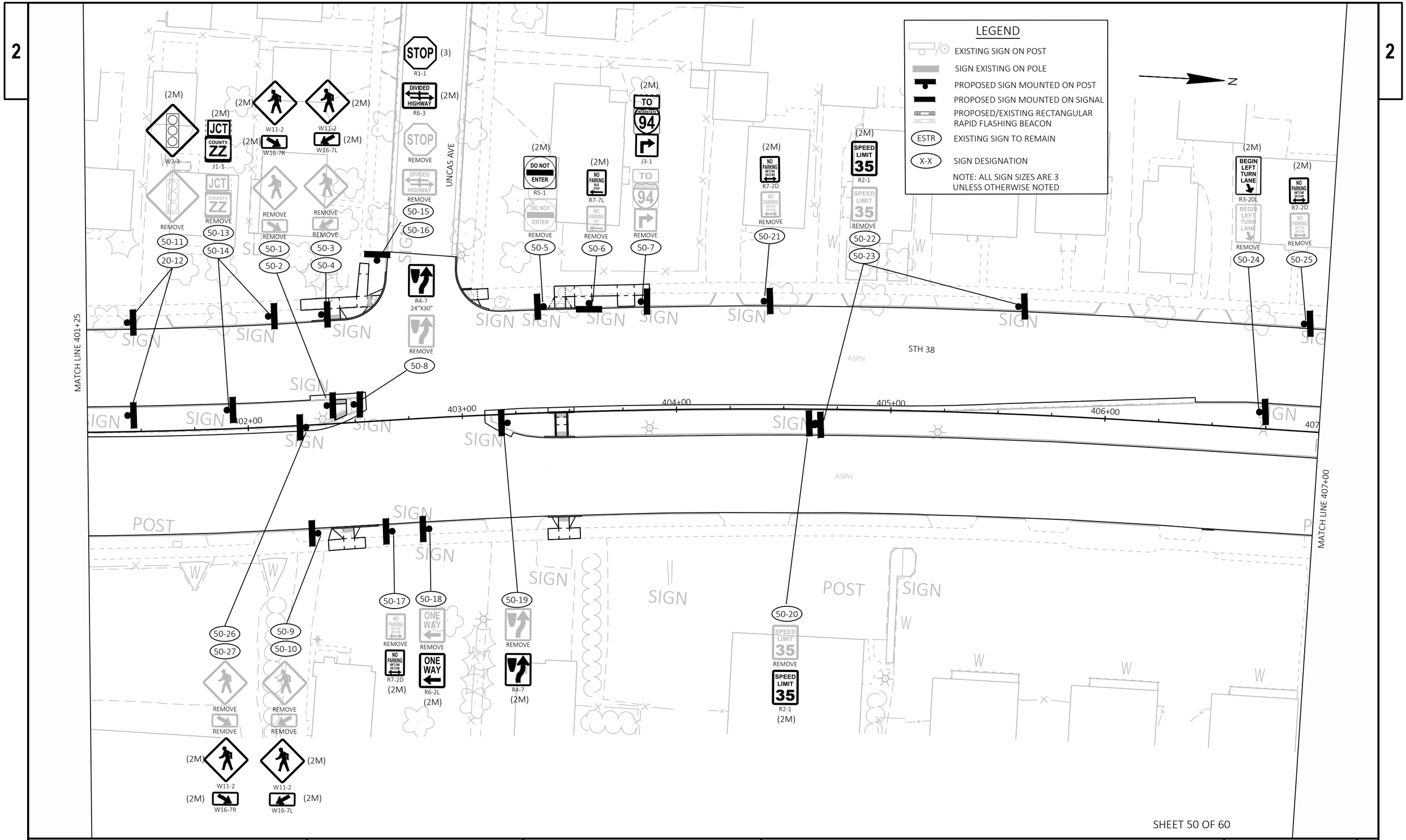
FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\023202-PS.DWG
LAYOUT NAME - 48
PLOT DATE : 1/29/2026 3:13 PM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42



SHEET 49 OF 60

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PERMANENT SIGNING	SHEET 253	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\023202-PS.DWG
LAYOUT NAME - 49
PLOT DATE : 1/29/2026 3:13 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42



SHEET 50 OF 60

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PERMANENT SIGNING	SHEET 254	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\023202-PS.DWG
LAYOUT NAME - 50
PLOT DATE : 1/29/2026 3:13 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

LEGEND

- EXISTING SIGN ON POST
- SIGN EXISTING ON POLE
- PROPOSED SIGN MOUNTED ON POST
- PROPOSED SIGN MOUNTED ON SIGNAL
- PROPOSED/EXISTING RECTANGULAR RAPID FLASHING BEACON
- (ESTR) EXISTING SIGN TO REMAIN
- (X-X) SIGN DESIGNATION

NOTE: ALL SIGN SIZES ARE 3 UNLESS OTHERWISE NOTED

MATCH LINE 407+00

MATCH LINE 412+75

BODEN ST

STH 38

ASPH

ASPH

N

W

SIGN

POST

CEMETERY

WALLS

FLAG

407+00

408+00

409+00

410+00

411+00

412+00

51-1 W11-2 (2M) AHEAD (2M) W16-9P — REMOVE AHEAD — 51-20, 51-21, 51-22, 51-23

51-2 W11-2 (2M) (2M) W16-7R — REMOVE

51-3 (2M) NO PARKING R7-2D — REMOVE

51-4, 51-5 W11-2 (2M) (2M) W16-7L — REMOVE

51-6, 51-7 STOP (3) R1-1; DIVIDED HIGHWAY (2M) R6-3; STOP — REMOVE; DIVIDED HIGHWAY — REMOVE

ON LIGHT POLE — DEAD END (2M) W14-1; DEAD END — REMOVE — 51-19

51-17, 51-18 (2M) SPEED LIMIT 35 R2-1 — REMOVE

51-15, 51-16 (2M) NO PARKING R7-1L; (2M) NO PARKING R7-2R — REMOVE; REMOVE

51-10 NO PARKING R7-2D — REMOVE (2M)

51-24 BEGIN LEFT TURN LANE — REMOVE; BEGIN LEFT TURN LANE R3-20L (2M)

51-11, 51-12 NO PARKING R7-1L (2M); NO PARKING R7-2R (2M) — REMOVE; REMOVE

51-8, 51-9 W11-2 (2M) (2M) W16-7R — REMOVE; REMOVE

51-25, 51-26 W11-2 (2M) (2M) W16-7L — REMOVE; REMOVE

51-13 R4-7 (2M) — REMOVE

51-14 NO PARKING R7-2D (2M) — REMOVE

SHEET 51 OF 60

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PERMANENT SIGNING	SHEET 255	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\023202-PS.DWG
LAYOUT NAME - 51

PLOT DATE : 1/29/2026 3:13 PM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

LEGEND

EXISTING SIGN ON POST

SIGN EXISTING ON POLE

PROPOSED SIGN MOUNTED ON POST

PROPOSED SIGN MOUNTED ON SIGNAL

PROPOSED/EXISTING RECTANGULAR RAPID FLASHING BEACON

ESTR EXISTING SIGN TO REMAIN

X-X SIGN DESIGNATION

NOTE: ALL SIGN SIZES ARE 3 UNLESS OTHERWISE NOTED

N

MATCH LINE 412+75

MATCH LINE 418+50

STH 38

413+00 414+00 415+00 416+00 417+00 418+00

E HENRY AVE

ON LIGHT POLE

(2M) R4-7 REMOVE 52-2

(2M) R4-7 REMOVE 52-5

(2M) R7-2D REMOVE 52-6

(2M) R6-2L ONE WAY 52-3

(2M) R7-2D NO PARKING 52-4

(2M) R2-1 SPEED LIMIT 35 52-1

REMOVE SPEED LIMIT 35

R7-2D NO PARKING 52-7

SIGN POST FILLER CAP WALLS

SHEET 52 OF 60

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PERMANENT SIGNING	SHEET 256	E

2

LEGEND

- EXISTING SIGN ON POST
- SIGN EXISTING ON POLE
- PROPOSED SIGN MOUNTED ON POST
- PROPOSED SIGN MOUNTED ON SIGNAL
- PROPOSED/EXISTING RECTANGULAR RAPID FLASHING BEACON
- (ESTR) EXISTING SIGN TO REMAIN
- (X-X) SIGN DESIGNATION

NOTE: ALL SIGN SIZES ARE 3 UNLESS OTHERWISE NOTED

N

MATCH LINE 418+50

MATCH LINE 424+25

STH 38

419+00 420+00 421+00 422+00 423+00 424+00

(2M) NO PARKING HERE TO DRIVEWAY R7-51L — REMOVE — 53-2

(2M) ONE WAY R6-2L — REMOVE — 53-5

53-3 — REMOVE — NO PARKING 100 FT 2 HR R7-2D (2M)

53-4 — REMOVE — R4-7 (2M)

53-1 — REMOVE — DO NOT ENTER R5-1 (2M)

53-6 — REMOVE — STOP R1-1 (3)

53-7 — REMOVE — DIVIDED HIGHWAY R6-3 (2M)

53-8 — REMOVE — R4-7 (2M) ON LIGHT POLE

53-9 — REMOVE — NO PARKING ANY TIME R7-1L (2M)

53-10 — REMOVE — NO PARKING 100 FT 2 HR R7-2R (2M)

53-11 — REMOVE — W11-8 (2M)

53-12 — REMOVE — FIRE TRUCKS ENTERING WHEN FLASHING W54-60 (2M)

POST SIGN RIPRAP W

SHEET 53 OF 60

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PERMANENT SIGNING	SHEET 257	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\023202-PS.DWG
LAYOUT NAME - 53
PLOT DATE : 1/29/2026 3:13 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

LEGEND

- EXISTING SIGN ON POST
- SIGN EXISTING ON POLE
- PROPOSED SIGN MOUNTED ON POST
- PROPOSED SIGN MOUNTED ON SIGNAL
- PROPOSED/EXISTING RECTANGULAR RAPID FLASHING BEACON
- ESTR — EXISTING SIGN TO REMAIN
- X-X — SIGN DESIGNATION

NOTE: ALL SIGN SIZES ARE 3 UNLESS OTHERWISE NOTED

N

RIPRAP

RIPRAP

MATCH LINE 424+25

SIGN

54-3 — ONE WAY R6-2L — REMOVE ONE WAY

54-7 — (2M) NO PARKING ANY TIME R7-1D — REMOVE NO PARKING ANY TIME

54-9 — (2M) RIDESHARE INFO CALL 1 - 800 - 455 - POOL D12-2A — REMOVE RIDESHARE INFO CALL 1 - 800 - 455 - POOL

54-10 — ON LIGHT POLE (2M) NO PARKING ANY TIME R7-1D — REMOVE NO PARKING ANY TIME

54-11 — (2M) BEGIN LEFT TURN LANE R3-20L — REMOVE BEGIN LEFT TURN LANE

54-12 — ON LIGHT POLE (2M) W11-8 — REMOVE

54-13 — (2M) FIRE TRUCKS ENTERING WHEN FLASHING W54-60 — REMOVE FIRE TRUCKS ENTERING WHEN FLASHING

STH 38

425+30

426+00

427+00

428+00

429+00

SIGN

SIGN

SIGN

SIGN

SIGN

SIGN

SIGN

SIGN

SIGN

SOLAR PANEL

POST

54-1 — DO NOT ENTER R5-1 (2M) — REMOVE DO NOT ENTER

54-2 — R4-7 (2M) — REMOVE

54-4 — STOP R1-1 (3) — REMOVE STOP

54-5 — DIVIDED HIGHWAY R6-3 (2M) — REMOVE DIVIDED HIGHWAY

54-6 — R4-7 (2M) — REMOVE

54-8 — NO PARKING ANY TIME R7-1D (2M) — REMOVE NO PARKING ANY TIME

54-14 — NO PARKING ANY TIME R7-1D (2M) — REMOVE NO PARKING ANY TIME

54-15 — SPEED LIMIT 35 R2-1 (2M) — REMOVE SPEED LIMIT 35

54-16 — SPEED LIMIT 35 R2-1 (2M)

U/C

MATCH LINE 430+00

SHEET 54 OF 60

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PERMANENT SIGNING	SHEET 258	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\023202-PS.DWG
LAYOUT NAME - 54
PLOT DATE : 1/29/2026 3:14 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

LEGEND

- EXISTING SIGN ON POST
- SIGN EXISTING ON POLE
- PROPOSED SIGN MOUNTED ON POST
- PROPOSED SIGN MOUNTED ON SIGNAL
- PROPOSED/EXISTING RECTANGULAR RAPID FLASHING BEACON
- (ESTR) EXISTING SIGN TO REMAIN
- (X-X) SIGN DESIGNATION

NOTE: ALL SIGN SIZES ARE 3 UNLESS OTHERWISE NOTED

N

(2M)
SPEED LIMIT 35
R2-1
SPEED LIMIT 35
REMOVE
55-1

55-2
SPEED LIMIT 35
REMOVE
SPEED LIMIT 35
R2-1
(2M)

55-3
NO PARKING ANY TIME
REMOVE
NO PARKING ANY TIME
R7-1D
(2M)

RIPRAP
ASPH
POST
W
SIGN
AIRPORT RUNWAY
STH 38
MATCH LINE 430+00
MATCH LINE 435+75
431+00
432+00
433+00
434+00
435+00

SHEET 55 OF 60

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PERMANENT SIGNING	SHEET 259	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\023202-PS.DWG
LAYOUT NAME - 55
PLOT DATE : 1/29/2026 3:14 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

2

2

LEGEND

- EXISTING SIGN ON POST
- SIGN EXISTING ON POLE
- PROPOSED SIGN MOUNTED ON POST
- PROPOSED SIGN MOUNTED ON SIGNAL
- PROPOSED/EXISTING RECTANGULAR RAPID FLASHING BEACON
- (ESTR) EXISTING SIGN TO REMAIN
- (X-X) SIGN DESIGNATION

NOTE: ALL SIGN SIZES ARE 3 UNLESS OTHERWISE NOTED

MATCH LINE 435+75

CONC

RIPRAP

AIRPORT RUNWAY

436+00

437+00

438+00

439+00

440+00

441+00

RIPRAP

RIPRAP

N

W

(2M)
NO PARKING ANY TIME
R7-1D

REMOVE

56-1

(2M)
SPEED LIMIT 35
R2-1

REMOVE

56-2

56-3

SIGN
ASPH

STH 38

SIGN

SIGN
ASPH

SIGN

MATCH LINE 441+50

56-5

56-4

SPEED LIMIT 35
REMOVE

SPEED LIMIT 35
R2-1
(2M)

W

RIPRAP

56-6

NO PARKING ANY TIME
REMOVE

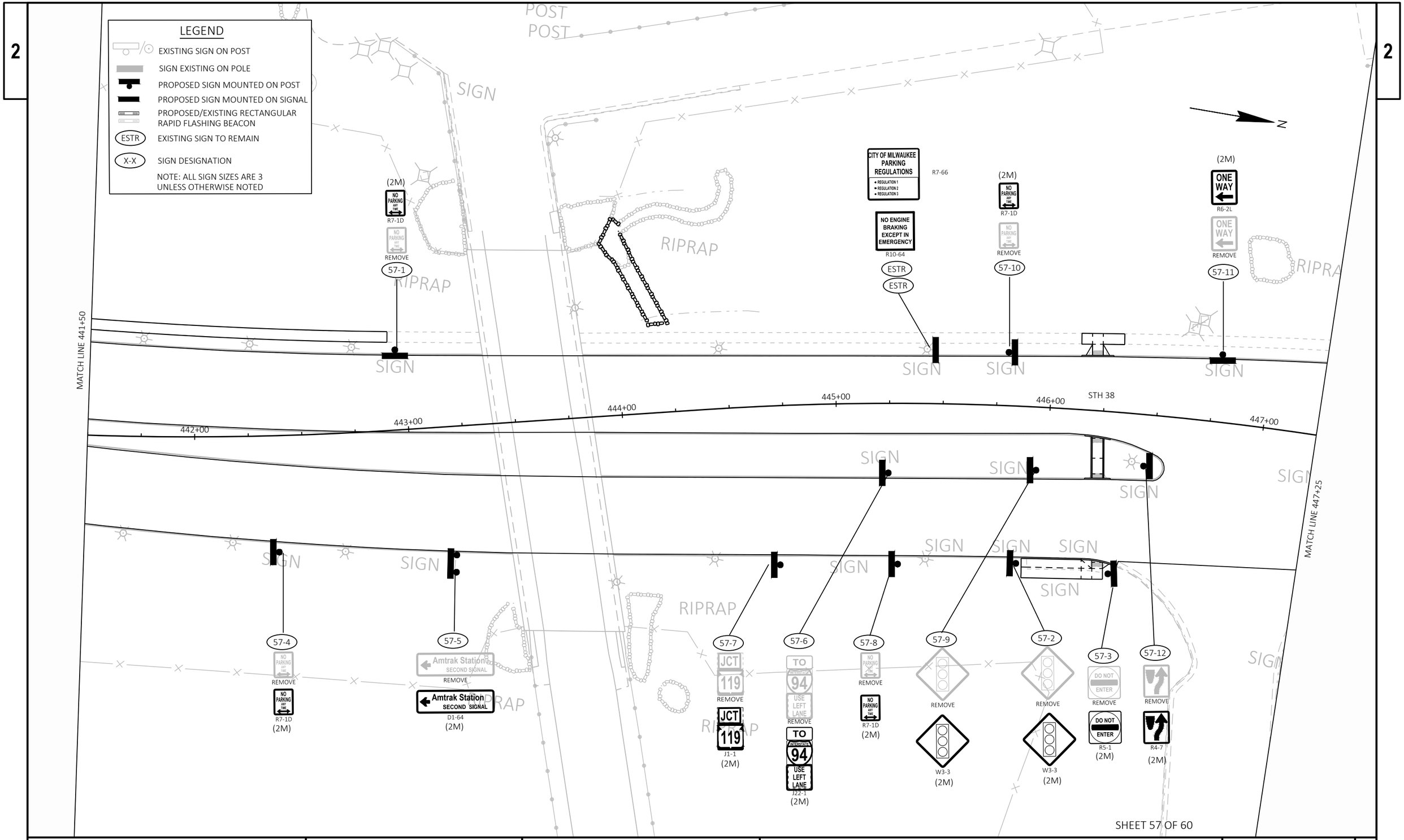
NO PARKING ANY TIME
R7-1D
(2M)

SHEET 56 OF 60

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PERMANENT SIGNING	SHEET 260	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\023202-PS.DWG
LAYOUT NAME - 56

PLOT DATE : 1/29/2026 3:14 PM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1 IN:40 FT



SHEET 57 OF 60

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PERMANENT SIGNING	SHEET 261	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\023202-PS.DWG
LAYOUT NAME - 57

PLOT DATE : 1/29/2026 3:14 PM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

LEGEND

- EXISTING SIGN ON POST
- SIGN EXISTING ON POLE
- PROPOSED SIGN MOUNTED ON POST
- PROPOSED SIGN MOUNTED ON SIGNAL
- PROPOSED/EXISTING RECTANGULAR RAPID FLASHING BEACON
- (ESTR) EXISTING SIGN TO REMAIN
- (X-X) SIGN DESIGNATION

NOTE: ALL SIGN SIZES ARE 3 UNLESS OTHERWISE NOTED

MATCH LINE 447+25

448+00 449+00 450+00 451+00 452+00 453

STH 38

U/C

58-13 ON LIGHT POLE (2M) SPEED LIMIT 35 R2-1
58-36 SOUTH 38 J1-1 (2M)
58-35 ON SIGNAL POLE (2M) ONE WAY R6-2L (2M)
58-34 ON SIGNAL POLE (2M) STOP R1-1F (2M)
58-33 (3) STOP R1-1
58-32 STOP REMOVE
58-31 2' MOUNTING HEIGHT (2M) W12-1D (2M)
58-28 ON SIGNAL POLE (2M) DO NOT ENTER R5-1 (2M)
58-27 (2M) STOP R1-1F (2M)
58-26 ON LIGHT POLE / ON SIGNAL POLE
58-25 2' MOUNTING HEIGHT (2M) W12-1D (2M)
58-24 (2M) YIELD R1-2 (2M)
58-30 ON LIGHT POLE
58-29 (2M) R4-7 (2M)
58-23 ON SIGNAL POLE DO NOT ENTER R5-1 (2M)
58-22 ON SIGNAL POLE STOP R1-1F (2M)

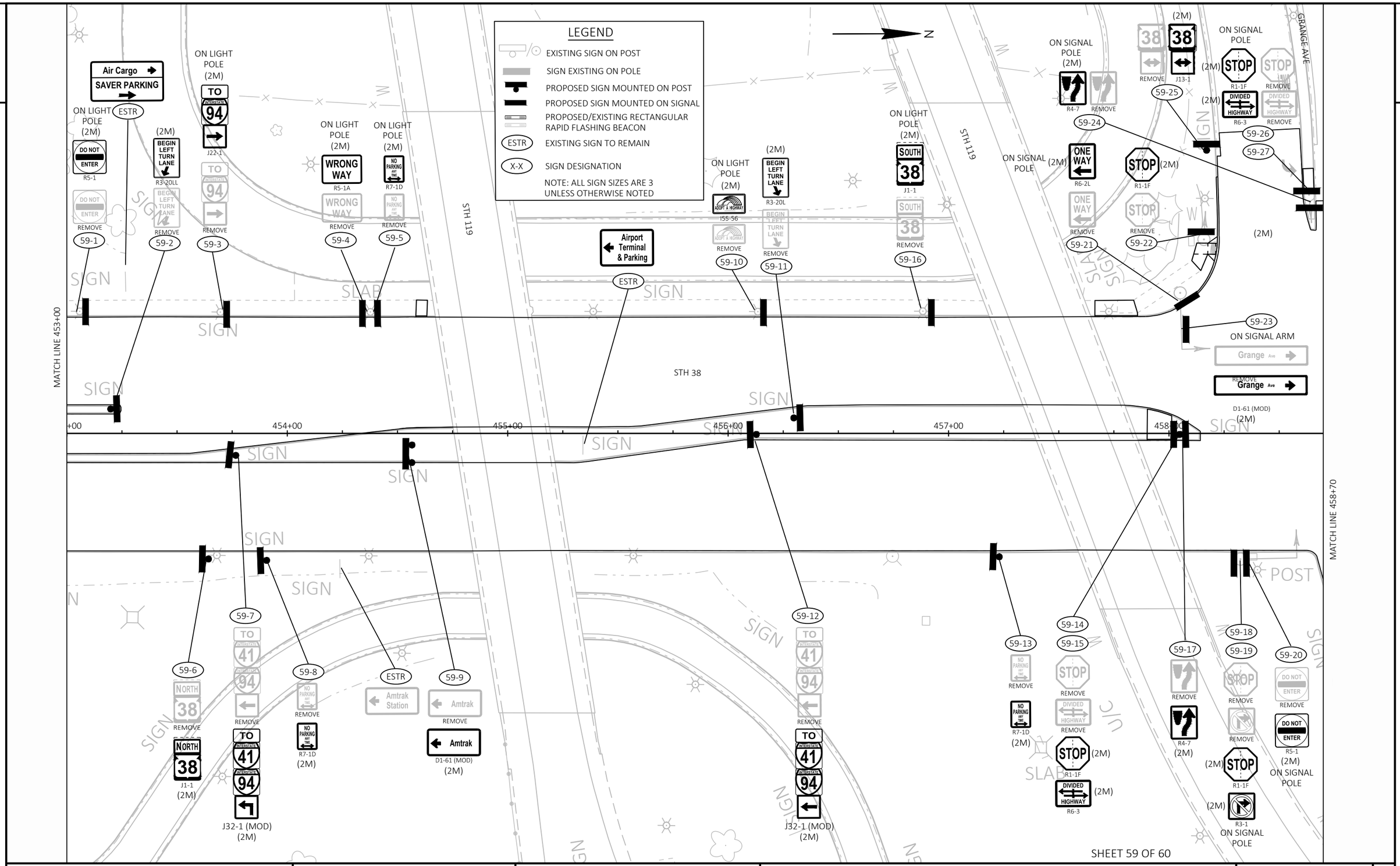
SIGN

58-4 REMOVE R4-7 (2M)
58-5 WEST TO 119 INTERSTATE 94 REMOVE
58-2 STOP REMOVE
58-3 STOP R1-1 (3)
DIVIDED HIGHWAY REMOVE
DIVIDED HIGHWAY R6-3 (2M)
WEST TO 119 INTERSTATE 94 J2-2 (2M)
ESTR Air Cargo SAVER PARKING
58-1 NO PARKING ANY TIME REMOVE
NO PARKING ANY TIME R7-1D (2M)
58-7 TO INTERSTATE 94 REMOVE
TO INTERSTATE 94 J22-1 (2M)
ESTR Airport Parking Terminal
58-9 BEGIN LEFT TURN LANE REMOVE
BEGIN LEFT TURN LANE R3-20LL (2M)
58-10 REMOVE
W12-1D (2M) 2' MOUNTING HEIGHT
58-11 58-12
STOP REMOVE
DIVIDED HIGHWAY REMOVE
STOP R1-1F (2M)
DIVIDED HIGHWAY R6-3 (2M)
ESTR International Arrivals Terminal
ESTR Airport Parking Terminal
58-15 STOP REMOVE
STOP R1-1F (2M) ON SIGNAL POLE
58-16 YIELD REMOVE
YIELD R1-2 (2M) ON LIGHT POLE
58-6 LEFT TURN YIELD ON FLASHING YELLOW ARROW REMOVE
58-21 DO NOT ENTER REMOVE
DO NOT ENTER R5-1 (2M) ON SIGNAL POLE
58-8 LEFT TURN YIELD ON FLASHING YELLOW ARROW REMOVE
58-17 S Howell Ave REMOVE
S Howell Ave M1-94H (2M) ON SIGNAL ARM
58-18 ONE WAY REMOVE
ONE WAY R6-2L (2M)
58-19 REMOVE
R4-7 (2M)
58-20 STOP REMOVE
STOP R1-1F (2M)

POST

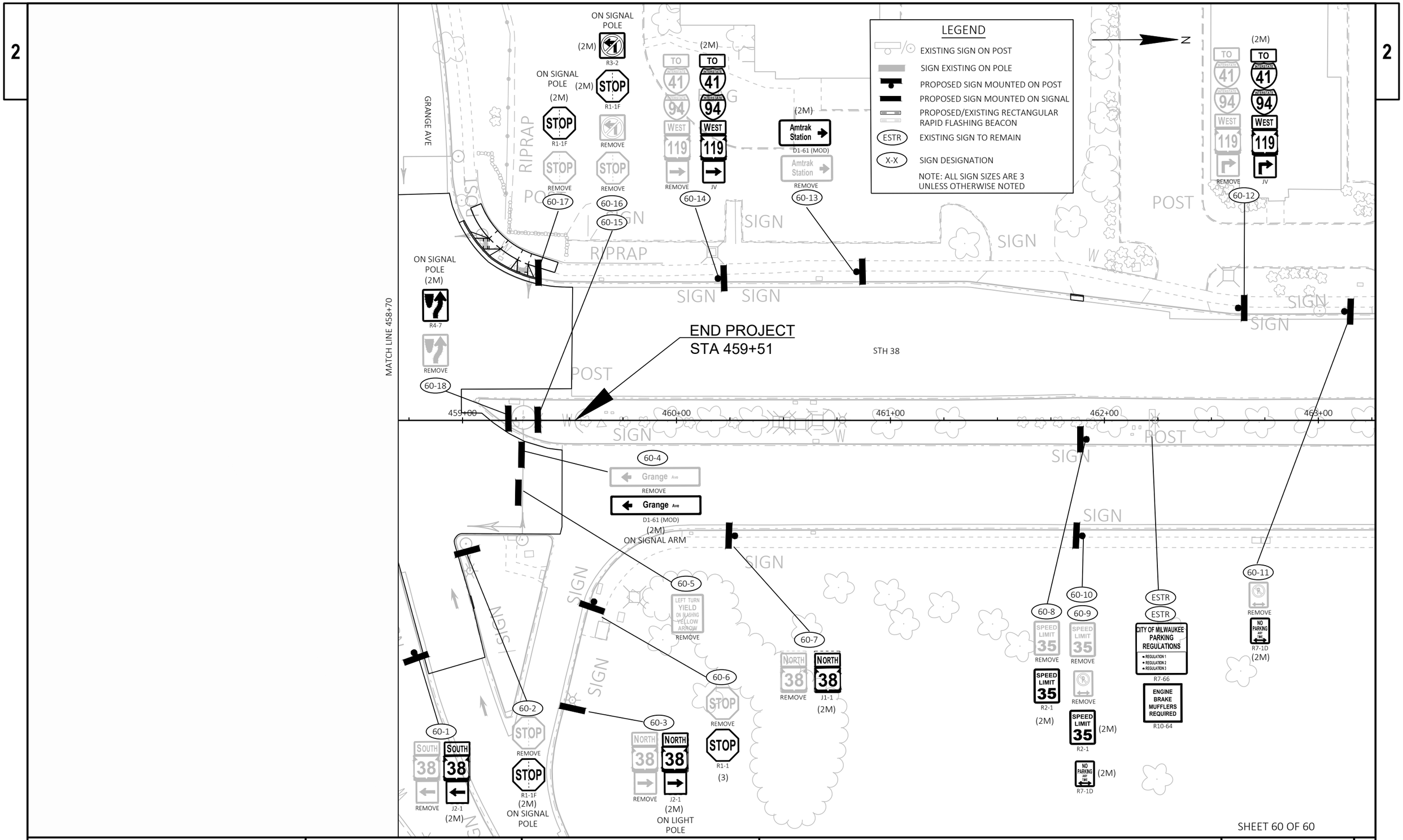
MATCH LINE 453+00

SHEET 58 OF 60



PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PERMANENT SIGNING	SHEET 263 E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\023202-PS.DWG
LAYOUT NAME - 59
PLOT DATE : 1/29/2026 3:14 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:40 FT



PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PERMANENT SIGNING	SHEET 264	E

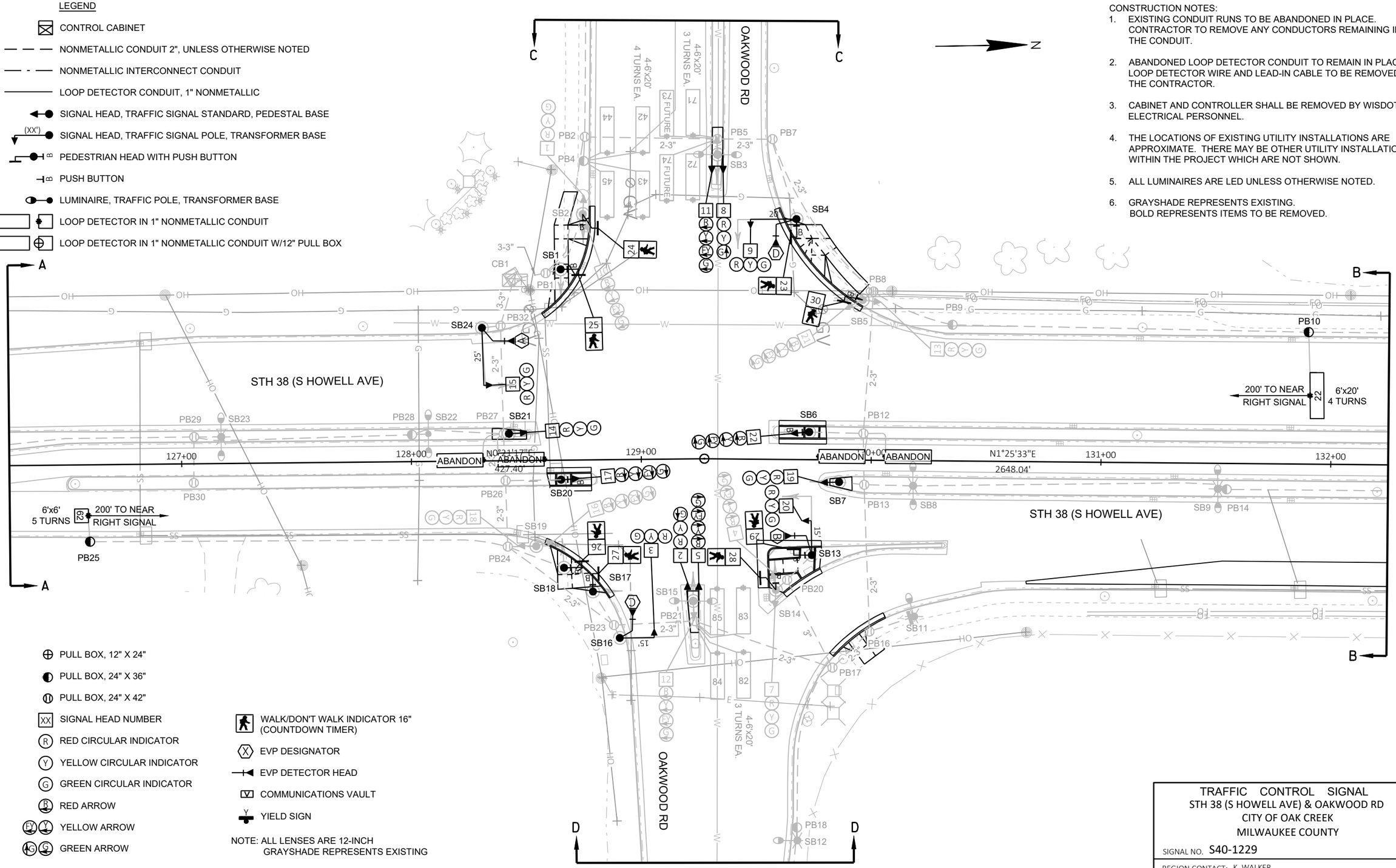
FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\023202-PS.DWG
LAYOUT NAME - 60
PLOT DATE : 1/29/2026 3:14 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

LEGEND

- CONTROL CABINET
- NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED
- NONMETALLIC INTERCONNECT CONDUIT
- LOOP DETECTOR CONDUIT, 1" NONMETALLIC
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX') SIGNAL HEAD, TRAFFIC SIGNAL POLE, TRANSFORMER BASE
- PEDESTRIAN HEAD WITH PUSH BUTTON
- PUSH BUTTON
- LUMINAIRE, TRAFFIC POLE, TRANSFORMER BASE
- LOOP DETECTOR IN 1" NONMETALLIC CONDUIT
- LOOP DETECTOR IN 1" NONMETALLIC CONDUIT W/12" PULL BOX

CONSTRUCTION NOTES:

1. EXISTING CONDUIT RUNS TO BE ABANDONED IN PLACE. CONTRACTOR TO REMOVE ANY CONDUCTORS REMAINING IN THE CONDUIT.
2. ABANDONED LOOP DETECTOR CONDUIT TO REMAIN IN PLACE. LOOP DETECTOR WIRE AND LEAD-IN CABLE TO BE REMOVED BY THE CONTRACTOR.
3. CABINET AND CONTROLLER SHALL BE REMOVED BY WISDOT ELECTRICAL PERSONNEL.
4. THE LOCATIONS OF EXISTING UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT WHICH ARE NOT SHOWN.
5. ALL LUMINAIRES ARE LED UNLESS OTHERWISE NOTED.
6. GRAYSHADE REPRESENTS EXISTING. BOLD REPRESENTS ITEMS TO BE REMOVED.



- PULL BOX, 12" X 24"
- PULL BOX, 24" X 36"
- PULL BOX, 24" X 42"
- XX SIGNAL HEAD NUMBER
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- R RED ARROW
- FY YELLOW ARROW
- AG GREEN ARROW

- WALK/DON'T WALK INDICATOR 16" (COUNTDOWN TIMER)
- X EVP DESIGNATOR
- EVP DETECTOR HEAD
- COMMUNICATIONS VAULT
- YIELD SIGN

NOTE: ALL LENSES ARE 12-INCH
GRAYSHADE REPRESENTS EXISTING

TRAFFIC CONTROL SIGNAL
STH 38 (S HOWELL AVE) & OAKWOOD RD
CITY OF OAK CREEK
MILWAUKEE COUNTY

SIGNAL NO. S40-1229

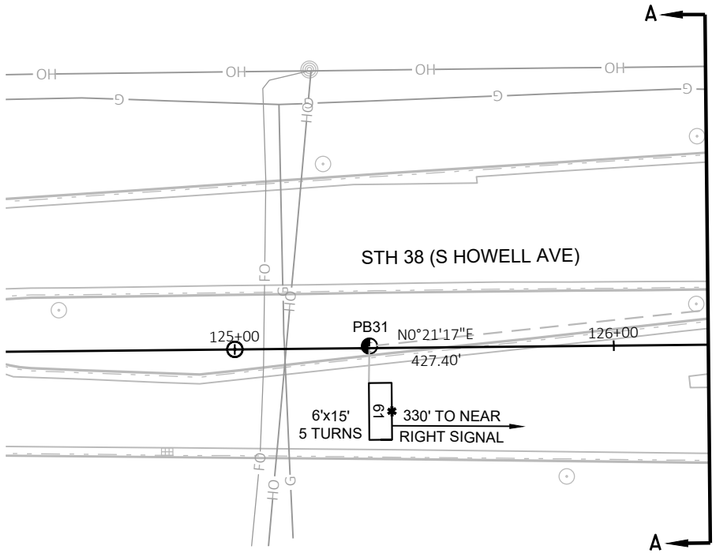
REGION CONTACT: K. WALKER
DESIGNED BY:
REVISED BY: TADI

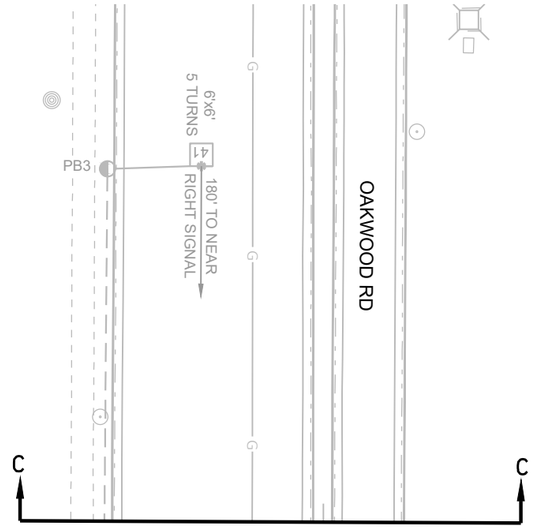
PAGE 1 OF 2

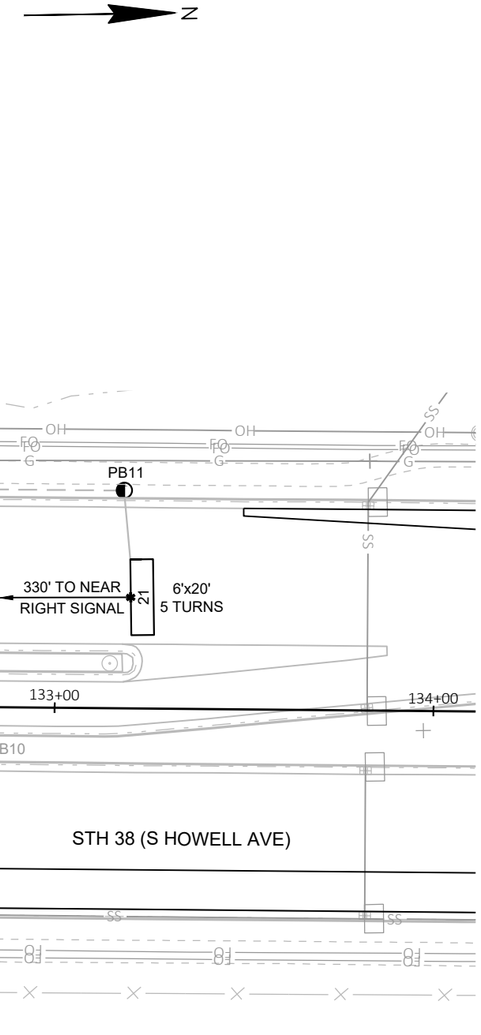
PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC SIGNAL REMOVAL PLAN	SHEET 265	E

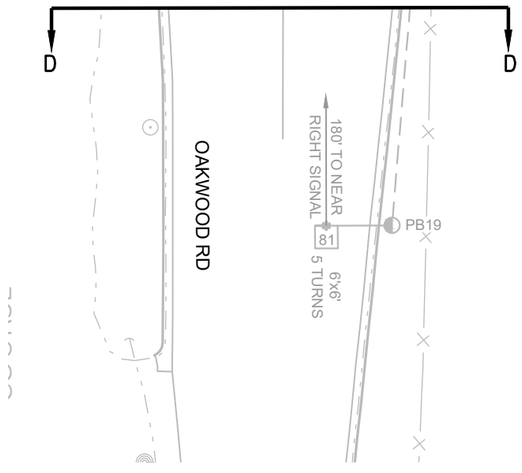
FILE NAME : Z:\SHARED\WI\3035 STH 100 AND STH 38 SIGNALS\CAD\STH 38\EXISTING\S40-1229_REM_OAKWOOD_2060-20-70.DWG
LAYOUT NAME - S40-1229_rem_pg1
PLOT DATE : 10/23/2025 10:44 AM PLOT BY : DERRIN WOLFORD PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42









TRAFFIC CONTROL SIGNAL
STH 38 (S HOWELL AVE) & OAKWOOD RD
CITY OF OAK CREEK
MILWAUKEE COUNTY

SIGNAL NO. S40-1229

REGION CONTACT: K. WALKER
DESIGNED BY:
REVISED BY: TADI

PAGE 2 OF 2

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC SIGNAL REMOVAL PLAN	SHEET 266	E

FILE NAME : Z:\SHARED\WI\3035 STH 100 AND STH 38 SIGNALS\CAD\STH 38\EXISTING\S40-1229_REM_OAKWOOD_2060-20-70.DWG
LAYOUT NAME - S40-1229_rem_pg2

PLOT DATE : 10/23/2025 10:44 AM PLOT BY : DERRIN WOLFORD PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

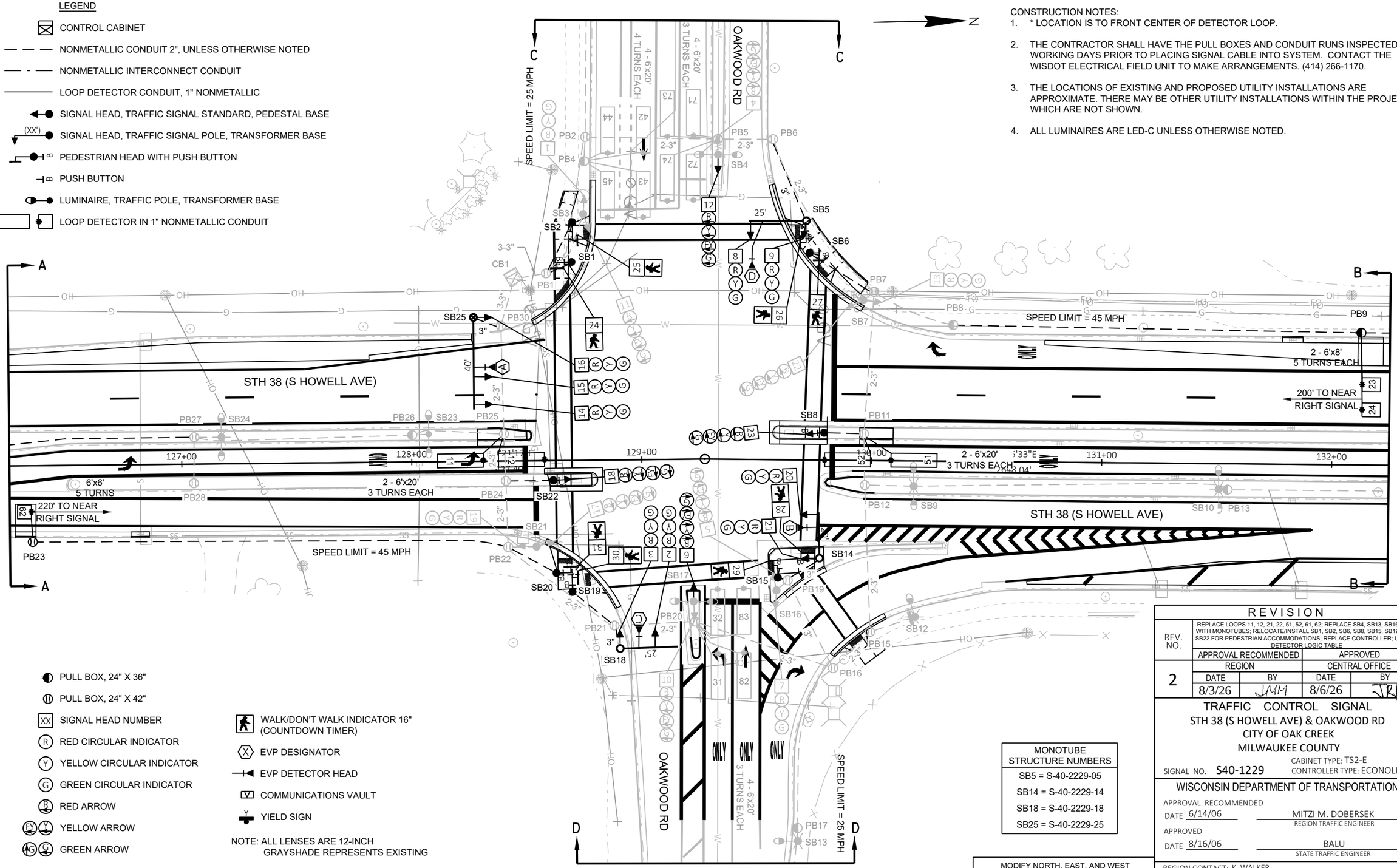
2

LEGEND

- CONTROL CABINET
- NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED
- NONMETALLIC INTERCONNECT CONDUIT
- LOOP DETECTOR CONDUIT, 1" NONMETALLIC
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX') SIGNAL HEAD, TRAFFIC SIGNAL POLE, TRANSFORMER BASE
- PEDESTRIAN HEAD WITH PUSH BUTTON
- PUSH BUTTON
- LUMINAIRE, TRAFFIC POLE, TRANSFORMER BASE
- LOOP DETECTOR IN 1" NONMETALLIC CONDUIT

CONSTRUCTION NOTES:

1. * LOCATION IS TO FRONT CENTER OF DETECTOR LOOP.
2. THE CONTRACTOR SHALL HAVE THE PULL BOXES AND CONDUIT RUNS INSPECTED 5 WORKING DAYS PRIOR TO PLACING SIGNAL CABLE INTO SYSTEM. CONTACT THE WISDOT ELECTRICAL FIELD UNIT TO MAKE ARRANGEMENTS. (414) 266-1170.
3. THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT WHICH ARE NOT SHOWN.
4. ALL LUMINAIRES ARE LED-C UNLESS OTHERWISE NOTED.



- PULL BOX, 24" X 36"
- PULL BOX, 24" X 42"
- XX SIGNAL HEAD NUMBER
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- R RED ARROW
- EY YELLOW ARROW
- EG GREEN ARROW

- WALK/DON'T WALK INDICATOR 16" (COUNTDOWN TIMER)
- X EVP DESIGNATOR
- EVP DETECTOR HEAD
- COMMUNICATIONS VAULT
- YIELD SIGN

NOTE: ALL LENSES ARE 12-INCH
GRAYSHADE REPRESENTS EXISTING

MONOTUBE STRUCTURE NUMBERS
SB5 = S-40-2229-05
SB14 = S-40-2229-14
SB18 = S-40-2229-18
SB25 = S-40-2229-25

MODIFY NORTH, EAST, AND WEST APPROACHES
JUNE 2014

REVISION

REV. NO.	REVISION			
	REPLACE LOOPS 11, 12, 21, 22, 51, 52, 61, 62; REPLACE SB4, SB13, SB16, SB24 WITH MONOTUBES; RELOCATE/INSTALL SB1, SB2, SB6, SB8, SB15, SB19,SB 20, SB22 FOR PEDESTRIAN ACCOMMODATIONS; REPLACE CONTROLLER; UPDATE DETECTOR LOGIC TABLE			
	APPROVAL RECOMMENDED		APPROVED	
2	REGION		CENTRAL OFFICE	
	DATE	BY	DATE	BY
	8/3/26	JMM	8/6/26	JR

TRAFFIC CONTROL SIGNAL
STH 38 (S HOWELL AVE) & OAKWOOD RD
CITY OF OAK CREEK
MILWAUKEE COUNTY

SIGNAL NO. S40-1229
CABINET TYPE: TS2-E
CONTROLLER TYPE: ECONOLITE

WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVAL RECOMMENDED
DATE 6/14/06 — MITZI M. DOBERSEK, REGION TRAFFIC ENGINEER

APPROVED
DATE 8/16/06 — BALU, STATE TRAFFIC ENGINEER

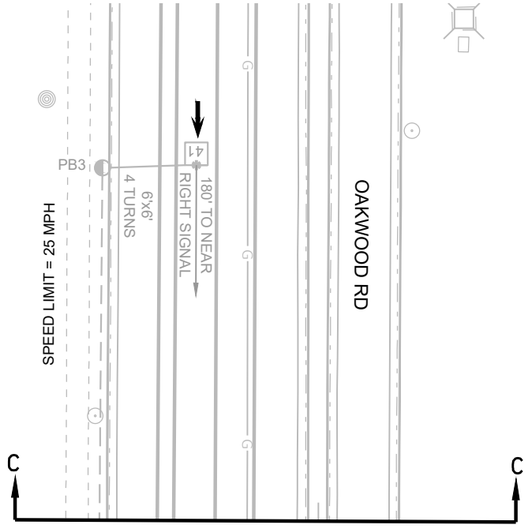
REGION CONTACT: K. WALKER
DESIGNED BY:
REVISED BY: TADI

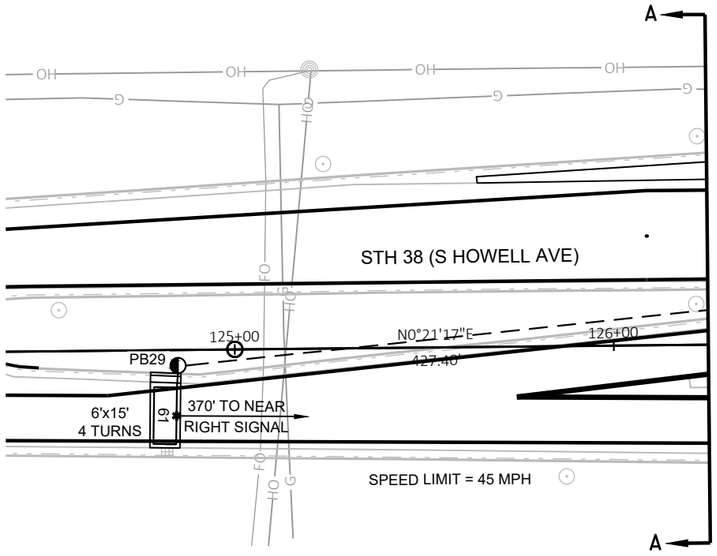
PAGE 1 OF 3

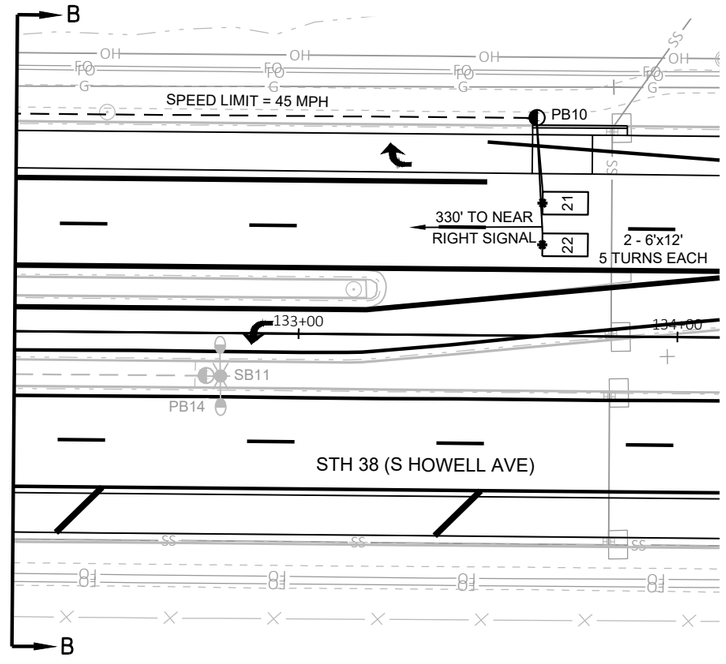
PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC SIGNAL PLAN	SHEET 267	E

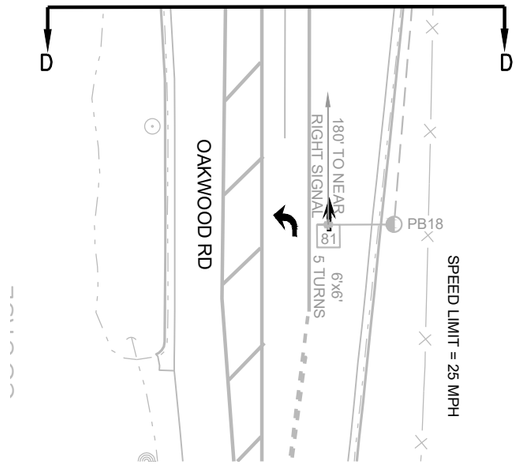
FILE NAME : Z:\SHARED\WI\3035 STH 100 AND STH 38 SIGNALS\CAD\STH 38\S40-1229_OAKWOOD.DWG
LAYOUT NAME - S40-1229_R2_pg1
PLOT DATE : 8/3/2026 9:22 AM
PLOT BY : DERRIN WOLFORD
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

2









TRAFFIC CONTROL SIGNAL
STH 38 (S HOWELL AVE) & OAKWOOD RD
CITY OF OAK CREEK
MILWAUKEE COUNTY

SIGNAL NO. S40-1229

REGION CONTACT: K. WALKER
DESIGNED BY:
REVISED BY: TADI

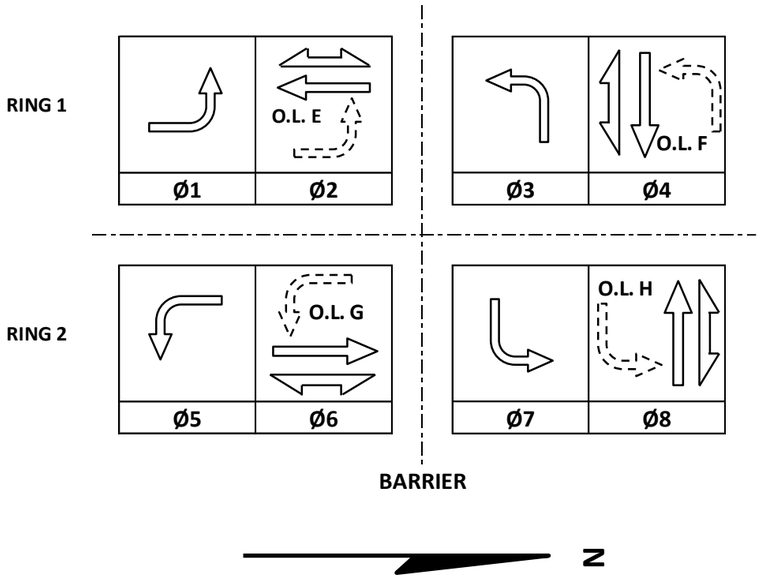
PAGE 2 OF 3

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC SIGNAL PLAN	SHEET 268	E

FILE NAME : Z:\SHARED\WI\3035 STH 100 AND STH 38 SIGNALS\CAD\STH 38\S40-1229_OAKWOOD.DWG
LAYOUT NAME - S40-1229_R2_pg2

PLOT DATE : 1/7/2026 10:41 AM PLOT BY : DERRIN WOLFORD PLOT NAME : PLOT SCALE : 1 IN:40 FT

	HEAD NUMBERS	FLASH
Ø1	22,23	R ←
Ø2	13,14,15,16	R
Ø3	10,11,12	R ←
Ø4	1,2,3	R
Ø5	17,18	R ←
Ø6	19,20,21	R
Ø7	4,5,6	R ←
Ø8	7,8,9	R
Ø2P	25,26	
Ø4P	24,31	
Ø6P	29,30	
Ø8P	27,28	
OLE	22,23	-
OLF	10,11,12	-
OLG	17,18	-
OLH	4,5,6	-



CONTROLLER LOGIC

PHASE NUMBER	PHASE LOCKING	DUAL ENTRY W / Ø	PHASE RECALL	PHASE ACTIVE
1		6		X
2	X	6	MIN	X
3		8		X
4		8		X
5		2		X
6	X	2	MIN	X
7		4		X
8		4		X

EMERGENCY VEHICLE PREEMPTION SEQUENCE

EMERGENCY VEHICLE PREEMPTOR	A	B	C	D
MOVEMENT				
PHASE	2+5	6+1	4+7	8+3

AFTER PREEMPTION SEQUENCE 2+5 OR 6+1, CONTROLLER SHALL RETURN TO PHASES 2+6.
AFTER PREEMPTION SEQUENCE 4+7 OR 8+3, CONTROLLER SHALL RETURN TO PHASES 4+8.

TYPE OF INTERCONNECT/COMMUNICATION	
NONE	
CLOSED LOOP	
TWISTED PAIR	
FIBER OPTIC*	
FIBER OPTIC (ETHERNET)	X
RADIO	
CELL MODEM	

TYPE OF COORDINATION	
NONE	X
TBC	
TRAFFIC RESPONSIVE	
ADAPTIVE	
*LOCATION OF MASTER CONTROLLER NO: S-	
SIGNAL SYSTEM NO: SS-	

TYPE OF LIGHTING	
BY OTHER AGENCY	
IN TRAFFIC CABINET	X
IN SEPARATE DOT LIGHTING CABINET	

TYPE OF PRE-EMPT	
NONE	
RAILROAD	
EMERGENCY VEHICLE	X
GTT	X
TOMAR	
HARDWIRE	
OTHER	
CONFIRMATION LIGHTS	
LIFT BRIDGE	
QUEUE DETECTION	

DETECTOR LOGIC

DETECTOR INPUT	3	1	7	5	11	9	15	13	19	17	23	21	27	25	31	29	DETECTOR INPUT
PLAN LOOP DETECTOR*(S)	11	21	23	31	41	43	45	52	62	72	74	82					PLAN LOOP DETECTOR*(S)
CALLED PHASE	1	2	2	3	4	4	4	5	6	7	7	8					CALLED PHASE
CALL OPTION	X	X	X	X		X	X	X	X	X	X	X					CALL OPTION
DELAY TIME							X										DELAY TIME
EXTENTION OPTION	X	X	X	X	X	X	X	X	X	X	X	X					EXTENTION OPTION
EXTEND TIME					X												EXTEND TIME
USE ADDED INITIAL		X	X						X								USE ADDED INITIAL
CROSS SWITCH PHASE	2			4				6		8							CROSS SWITCH PHASE

DETECTOR INPUT	4	2	8	6	12	10	16	14	20	18	24	22	28	26	32	30	DETECTOR INPUT
PLAN LOOP DETECTOR*(S)	12	22	24	32	42	44	51	61	71	73	81	83					PLAN LOOP DETECTOR*(S)
CALLED PHASE	1	2	2	3	4	4	5	6	7	7	8	8					CALLED PHASE
CALL OPTION	X	X	X	X	X	X	X	X	X	X		X					CALL OPTION
DELAY TIME						X											DELAY TIME
EXTENTION OPTION	X	X	X	X	X	X	X	X	X	X	X	X					EXTENTION OPTION
EXTEND TIME											X						EXTEND TIME
USE ADDED INITIAL		X	X					X									USE ADDED INITIAL
CROSS SWITCH PHASE	2			4			6		8								CROSS SWITCH PHASE

STH 38 (S HOWELL AVE) & OAKWOOD RD
CITY OF OAK CREEK
MILWAUKEE COUNTY

SIGNAL NO: S40-1229 CABINET TYPE: TS2-E
CONTROLLER TYPE: ECONOLITE
DATE: 1/26 PAGE NUMBER: 3 OF 3

PROJECT ID:	2060-20-70
INTERSECTION:	STH 38 (S HOWELL AVE) & OAKWOOD RD

SIGNAL WIRE COLOR CODING	BLK-BLACK	RED-RED	GRN-GREEN
	WHT-WHITE	BLU-BLUE	ORG-ORANGE

CB1 TO	JUMPER	# OF COND. AWG 14	HEAD NO.	SIGNAL INDICATION WIRE COLOR									PED BUTTON 1	PED BUTTON 2
				RED	YELLOW	GREEN	<RED>	<YELLOW>	<FL YELLOW>	<GREEN>	D/WALK	WALK		
SB1		7	24								BLK	BLU		
			B										WHT/BLK	
SB2		7	25								BLK	BLU		
			B										WHT/BLK	
SB3		12 (EXISTING)	1	RED	ORG	GRN								
			11				RED/BLK	ORG/BLK	BLK/WHT	GRN/BLK				
SB4		15 (EXISTING)	4				RED	ORG	BLK/WHT	GRN				
			12				RED/WHT	BLU/WHT	WHT/BLK	GRN/WHT				
SB5		12	8	RED	ORG	GRN								
			9	RED	ORG	GRN								
			26								BLK	BLU		
			B										WHT/BLK	
SB6		7	27								BLK	BLU		
			B										WHT/BLK	
SB7		12 (EXISTING)	13	RED/BLK	ORG/BLK	GRN/BLK								
			22				RED	ORG	BLK/WHT	GRN				
SB8		12	23				RED	ORG	BLK/WHT	GRN				
			B										WHT/BLK	
SB14		12	20	RED	ORG	GRN								
			21	RED	ORG	GRN								
			28								BLK	BLU		
			B										WHT/BLK	
SB15		7	29								BLK	BLU		
			B										WHT/BLK	
SB16		12 (EXISTING)	5				RED	ORG	BLK/WHT	GRN				
			7	RED/BLK	ORG/BLK	GRN/BLK								
SB17		15 (EXISTING)	6				RED/BLK	ORG/BLK	BLK/WHT	GRN/BLK				
			10				RED/WHT	BLU/WHT	WHT/BLK	GRN/WHT				
SB18		7	2	RED	ORG	GRN								
			3	RED	ORG	GRN								
SB19		7	30								BLK	BLU		
			B										WHT/BLK	
SB20		7	31								BLK	BLU		
			B										WHT/BLK	
SB21		12 (EXISTING)	17				RED/BLK	ORG/BLK	BLK/WHT	GRN/BLK				
			19	RED	ORG	GRN								
SB22		12	18				RED	ORG	BLK/WHT	GRN				
			B										WHT/BLK	
SB25		7	14	RED	ORG	GRN								
			15	RED	ORG	GRN								
			16	RED	ORG	GRN								

EQUIPMENT GROUNDING CONDUCTOR 10 AWG GRN XLP	
FROM	TO
CB1	SB1
SB1	SB2
SB2	SB3
SB3 (EXISTING)	SB4 (EXISTING)
SB4	SB5
SB5	SB6
SB6	SB7
SB7	SB8
SB8	SB14
SB14	SB15
SB15	SB16
SB16 (EXISTING)	SB17 (EXISTING)
SB17	SB18
SB18	SB19
SB19	SB20
SB20	SB21
SB21	SB22
SB22	SB25
SB25	CB1

PULL BOX BONDING JUMPER 10 AWG GRN XLP	
FROM	TO
CB1 (EXISTING)	PB1 (EXISTING)
SB3 (EXISTING)	PB2 (EXISTING)
SB4 (EXISTING)	PB5 (EXISTING)
SB5	PB6
SB7 (EXISTING)	PB7 (EXISTING)
SB8	PB11
SB8	PB12
SB14	PB15
SB14	PB16
SB16 (EXISTING)	PB19 (EXISTING)
SB17 (EXISTING)	PB20 (EXISTING)
SB18	PB21
SB21 (EXISTING)	PB22 (EXISTING)
SB22	PB24
SB22	PB25
SB25	PB30

LIGHTING UF 12 AWG W/GROUND	
FROM	TO
CB1 (EXISTING)	SB4 (EXISTING)
SB4 (EXISTING)	SB9 (EXISTING)
SB9 (EXISTING)	SB10 (EXISTING)
SB10 (EXISTING)	SB11 (EXISTING)
CB1 (EXISTING)	SB23 (EXISTING)
SB23 (EXISTING)	SB24 (EXISTING)
SB24 (EXISTING)	SB17 (EXISTING)
SB17 (EXISTING)	SB12 (EXISTING)
SB12 (EXISTING)	SB13 (EXISTING)

EMERGENCY VEHICLE PREEMPTION	
FROM	TO
CB1	SB25 (HEAD A)
CB1	SB14 (HEAD B)
CB1	SB18 (HEAD C)
CB1	SB5 (HEAD D)

NOTES:
1. USE WHITE CONDUCTOR IN THE SIGNAL CABLE AS THE GROUNDED CONDUCTOR FOR ALL TRAFFIC SIGNAL INDICATIONS.
2. ENSURE THE GROUNDED CONDUCTOR IN THE FEEDER CABLE AND THE POLE CABLES ARE BOTH 18" LONGER THAN THE UNGROUNDED CONDUCTORS.
3. AT THE SIGNAL BASES, CONNECT ONE TERMINAL FROM THE PEDESTRIAN PUSH BUTTONS TO THE COLOR INDICATED IN THE CHART. CONNECT THE OTHER TERMINAL TO THE GROUNDED CONDUCTOR.

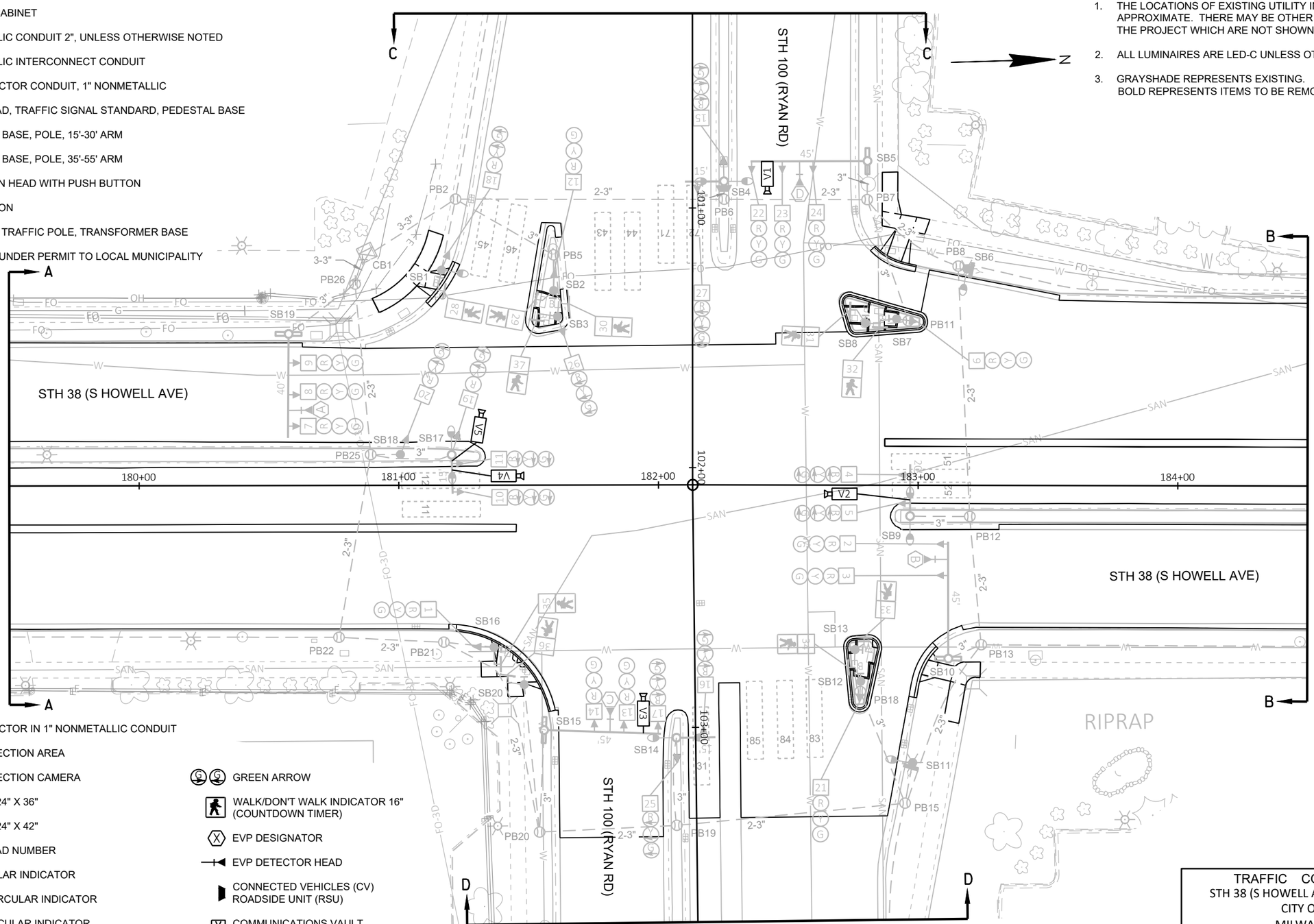
2

LEGEND

- CONTROL CABINET
- NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED
- NONMETALLIC INTERCONNECT CONDUIT
- LOOP DETECTOR CONDUIT, 1" NONMETALLIC
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX') MONOTUBE BASE, POLE, 15'-30' ARM
- (XX') MONOTUBE BASE, POLE, 35'-55' ARM
- B PEDESTRIAN HEAD WITH PUSH BUTTON
- B PUSH BUTTON
- LUMINAIRE, TRAFFIC POLE, TRANSFORMER BASE
- LUMINAIRE UNDER PERMIT TO LOCAL MUNICIPALITY

CONSTRUCTION NOTES:

1. THE LOCATIONS OF EXISTING UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT WHICH ARE NOT SHOWN.
2. ALL LUMINAIRES ARE LED-C UNLESS OTHERWISE NOTED.
3. GRAYSHADE REPRESENTS EXISTING.
   BOLD REPRESENTS ITEMS TO BE REMOVED.



- LOOP DETECTOR IN 1" NONMETALLIC CONDUIT
- VIDEO DETECTION AREA
- XX VIDEO DETECTION CAMERA
- PULL BOX, 24" X 36"
- PULL BOX, 24" X 42"
- XX SIGNAL HEAD NUMBER
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- R RED ARROW
- Y YELLOW ARROW
- G GREEN ARROW
- WALK/DON'T WALK INDICATOR 16" (COUNTDOWN TIMER)
- X EVP DESIGNATOR
- EVP DETECTOR HEAD
- CONNECTED VEHICLES (CV) ROADSIDE UNIT (RSU)
- V COMMUNICATIONS VAULT
- Y YIELD SIGN

NOTE: ALL LENSES ARE 12-INCH
GRAYSHADE REPRESENTS EXISTING

MONOTUBE STRUCTURE NUMBERS
SB4 = S-40-1399
SB5 = S-40-1400
SB9 = S-40-1401
SB10 = S-40-1402
SB14 = S-40-1403
SB15 = S-40-1404
SB17 = S-40-1405
SB19 = S-40-1406

TRAFFIC CONTROL SIGNAL
STH 38 (S HOWELL AVE) & STH 100 (RYAN RD)
CITY OF OAK CREEK
MILWAUKEE COUNTY

SIGNAL NO. S40-1080

REGION CONTACT: K. WALKER
DESIGNED BY:
REVISED BY: TADI

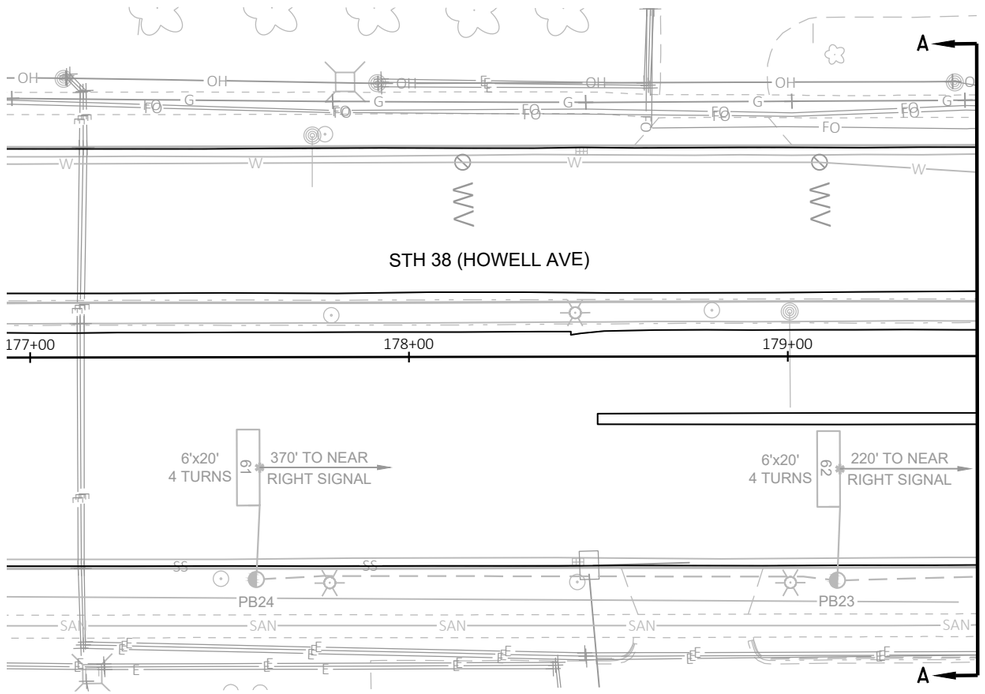
PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC SIGNAL REMOVAL PLAN	SHEET 271	E

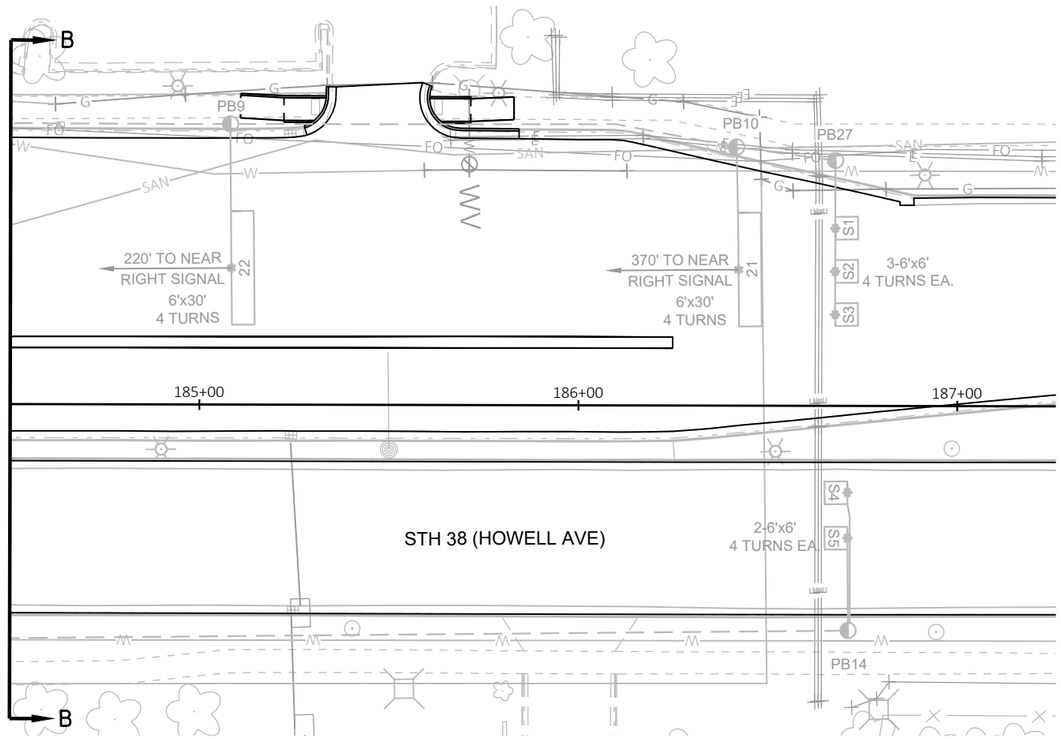
FILE NAME : Z:\SHARED\WI\3035 STH 100 AND STH 38 SIGNALS\CAD\STH 38\EXISTING\S40-1080_REM_STH100RYAN_2060-20-70.DWG
LAYOUT NAME - S40-1080_rem_pg1

PLOT DATE : 10/20/2025 4:40 PM PLOT BY : DERRIN WOLFORD PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

N





TRAFFIC CONTROL SIGNAL
STH 38 (S HOWELL AVE) & STH 100 (RYAN RD)
CITY OF OAK CREEK
MILWAUKEE COUNTY

SIGNAL NO. S40-1080

REGION CONTACT: K. WALKER
DESIGNED BY:
REVISED BY: TADI

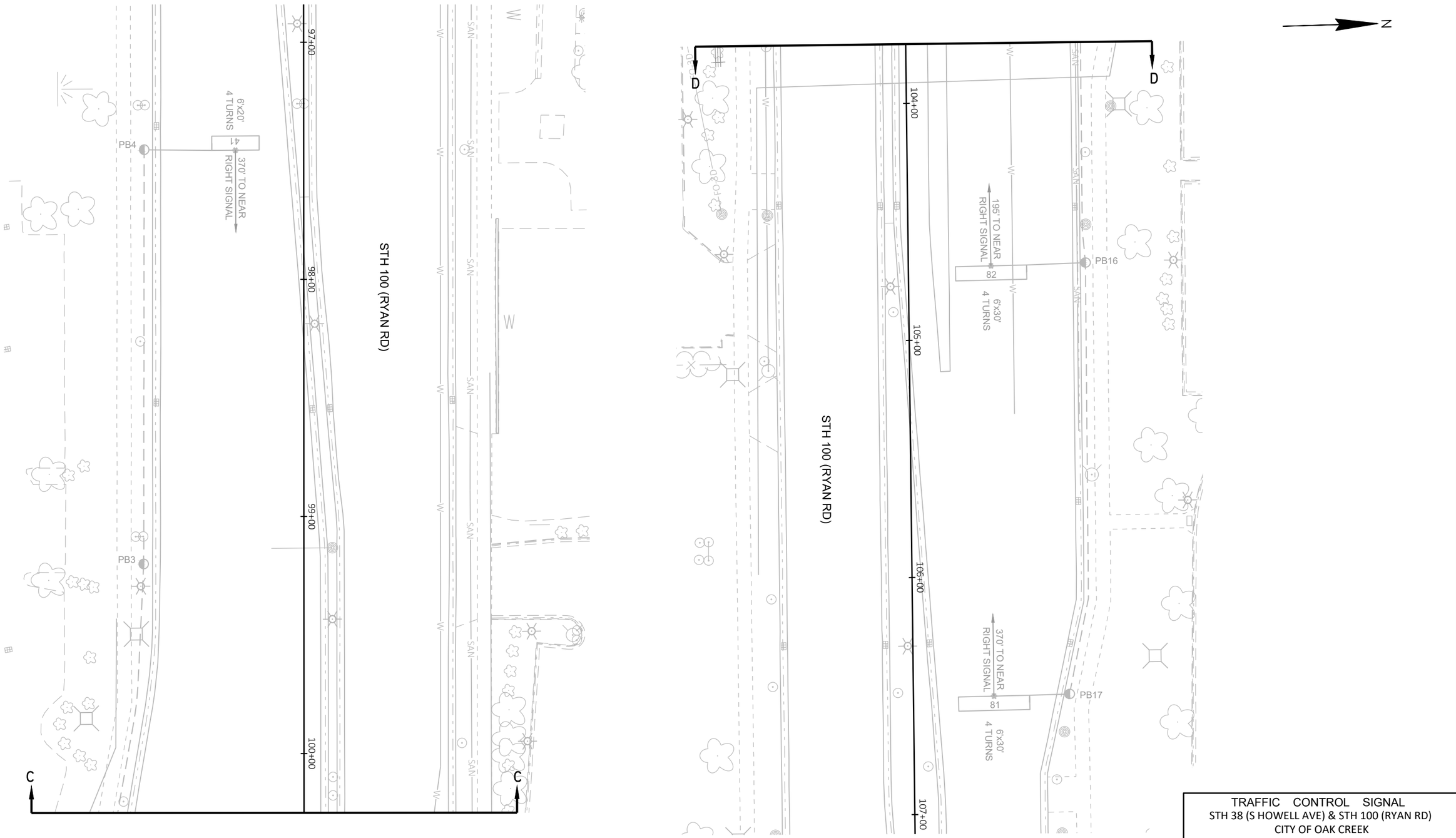
PAGE 2 OF 3

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC SIGNAL REMOVAL PLAN	SHEET 272	E

FILE NAME : Z:\SHARED\WI\3035 STH 100 AND STH 38 SIGNALS\CAD\STH 38\EXISTING\S40-1080_REM_STH100RYAN_2060-20-70.DWG
LAYOUT NAME - S40-1080_rem_pg2

PLOT DATE : 10/20/2025 4:40 PM PLOT BY : DERRIN WOLFORD PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42



TRAFFIC CONTROL SIGNAL
STH 38 (S HOWELL AVE) & STH 100 (RYAN RD)
CITY OF OAK CREEK
MILWAUKEE COUNTY

SIGNAL NO. S40-1080

REGION CONTACT: K. WALKER
DESIGNED BY:
REVISED BY: TADI

PAGE 3 OF 3

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC SIGNAL REMOVAL PLAN	SHEET 273	E

FILE NAME : Z:\SHARED\WI\3035 STH 100 AND STH 38 SIGNALS\CAD\STH 38\EXISTING\S40-1080_REM_STH100RYAN_2060-20-70.DWG
LAYOUT NAME - S40-1080_rem_pg3

PLOT DATE : 10/20/2025 4:40 PM PLOT BY : DERRIN WOLFORD PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

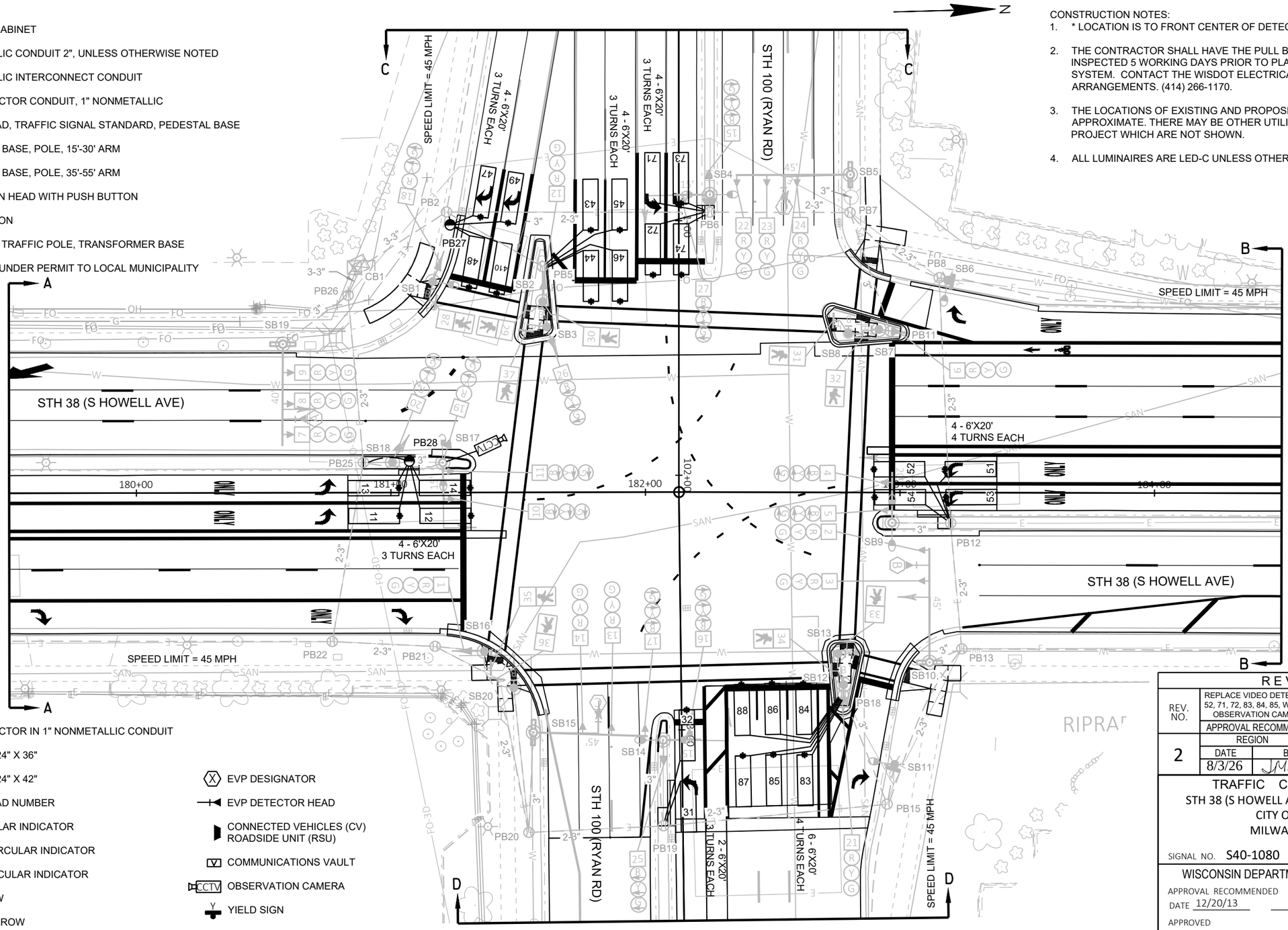
2

LEGEND

- CONTROL CABINET
- NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED
- NONMETALLIC INTERCONNECT CONDUIT
- LOOP DETECTOR CONDUIT, 1" NONMETALLIC
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX') MONOTUBE BASE, POLE, 15'-30' ARM
- (XX') MONOTUBE BASE, POLE, 35'-55' ARM
- B PEDESTRIAN HEAD WITH PUSH BUTTON
- B PUSH BUTTON
- LUMINAIRE, TRAFFIC POLE, TRANSFORMER BASE
- LUMINAIRE UNDER PERMIT TO LOCAL MUNICIPALITY

CONSTRUCTION NOTES:

1. * LOCATION IS TO FRONT CENTER OF DETECTOR LOOP.
2. THE CONTRACTOR SHALL HAVE THE PULL BOXES AND CONDUIT RUNS INSPECTED 5 WORKING DAYS PRIOR TO PLACING SIGNAL CABLE INTO SYSTEM. CONTACT THE WISDOT ELECTRICAL FIELD UNIT TO MAKE ARRANGEMENTS. (414) 266-1170.
3. THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT WHICH ARE NOT SHOWN.
4. ALL LUMINAIRES ARE LED-C UNLESS OTHERWISE NOTED.



MONOTUBE STRUCTURE NUMBERS
SB4 = S-40-1399
SB5 = S-40-1400
SB9 = S-40-1401
SB10 = S-40-1402
SB14 = S-40-1403
SB15 = S-40-1404
SB17 = S-40-1405
SB19 = S-40-1406

- LOOP DETECTOR IN 1" NONMETALLIC CONDUIT
- PULL BOX, 24" X 36"
- PULL BOX, 24" X 42"
- XX SIGNAL HEAD NUMBER
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- R RED ARROW
- Y Y YELLOW ARROW
- G G GREEN ARROW
- WALK/DON'T WALK INDICATOR 16" (COUNTDOWN TIMER)
- X EVP DESIGNATOR
- EVP DETECTOR HEAD
- CONNECTED VEHICLES (CV) ROADSIDE UNIT (RSU)
- V COMMUNICATIONS VAULT
- CCTV OBSERVATION CAMERA
- Y YIELD SIGN

NOTE: ALL LENSES ARE 12-INCH GRAYSHADE REPRESENTS EXISTING

CV RSU INSTALLED NOVEMBER 2021

REVISION				
REV. NO.	REPLACE VIDEO DETECTION ZONES 11, 12, 31, 43, 44, 45, 46, 51, 52, 71, 72, 83, 84, 85, WITH LOOPS; INSTALL PB27, PB28; INSTALL OBSERVATION CAMERA; UPDATE DETECTOR LOGIC TABLE			
	APPROVAL RECOMMENDED		APPROVED	
2	REGION		CENTRAL OFFICE	
	DATE	BY	DATE	BY
	8/3/26	JMM	8/6/26	JRJ

TRAFFIC CONTROL SIGNAL
STH 38 (S HOWELL AVE) & STH 100 (RYAN RD)
CITY OF OAK CREEK
MILWAUKEE COUNTY

SIGNAL NO. S40-1080
CABINET TYPE: TS2-S
CONTROLLER TYPE: ECONOLITE

WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVAL RECOMMENDED
DATE 12/20/13 — MITZI M. DOBERSEK, REGION TRAFFIC ENGINEER

APPROVED
DATE 1/8/14 — JOANNA L. BUSH, STATE TRAFFIC ENGINEER

REGION CONTACT: K. WALKER
DESIGNED BY:
REVISED BY: TADI

PAGE 1 OF 4

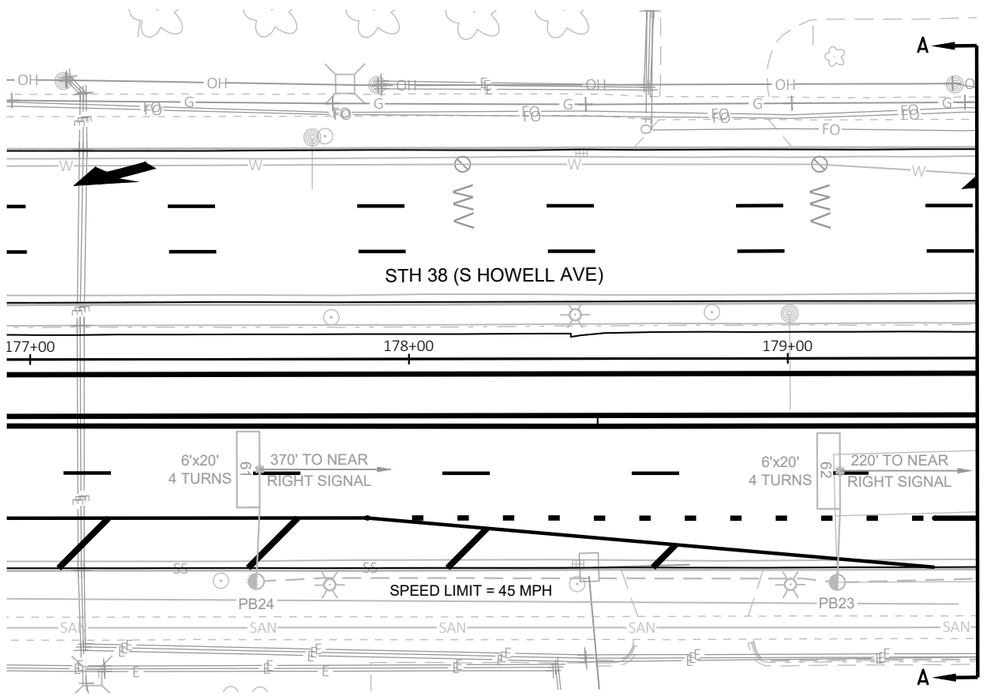
PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC SIGNAL PLAN	SHEET 274	E

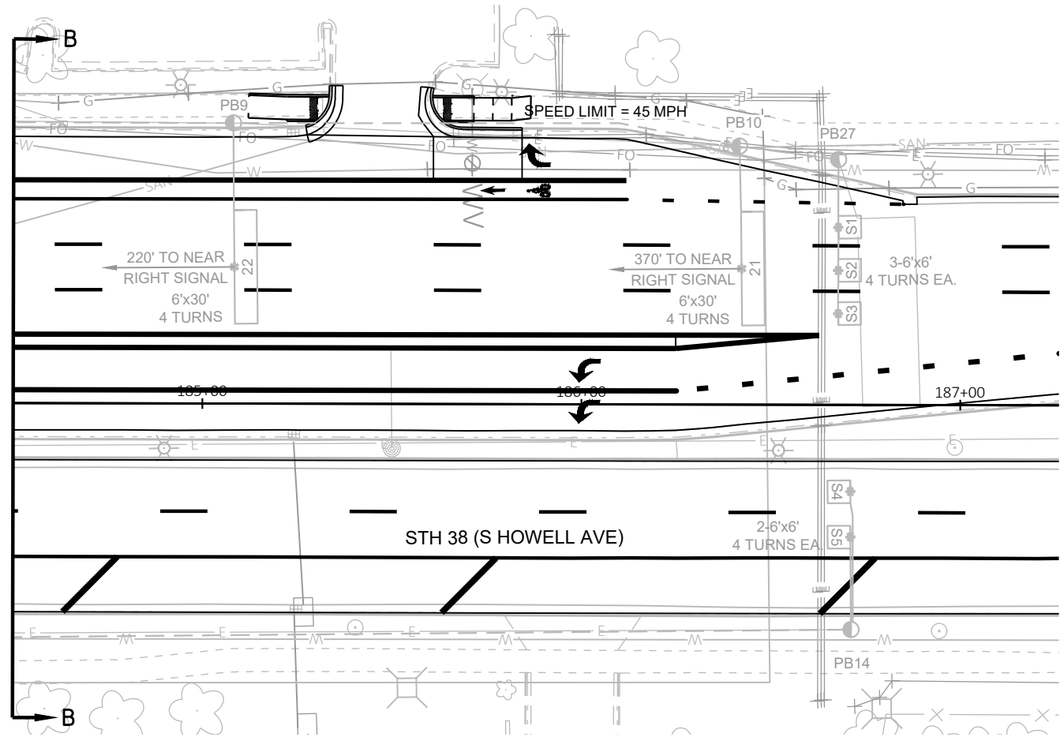
FILE NAME : Z:\SHARED\WI\3035 STH 100 AND STH 38 SIGNALS\CAD\STH 38\S40-1080_STH100RYAN.DWG
LAYOUT NAME - S40-1080_R2_pg1
PLOT DATE : 7/17/2026 1:36 PM
PLOT BY : DERRIN WOLFORD
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

N





TRAFFIC CONTROL SIGNAL
STH 38 (S HOWELL AVE) & STH 100 (RYAN RD)
CITY OF OAK CREEK
MILWAUKEE COUNTY

SIGNAL NO. S40-1080

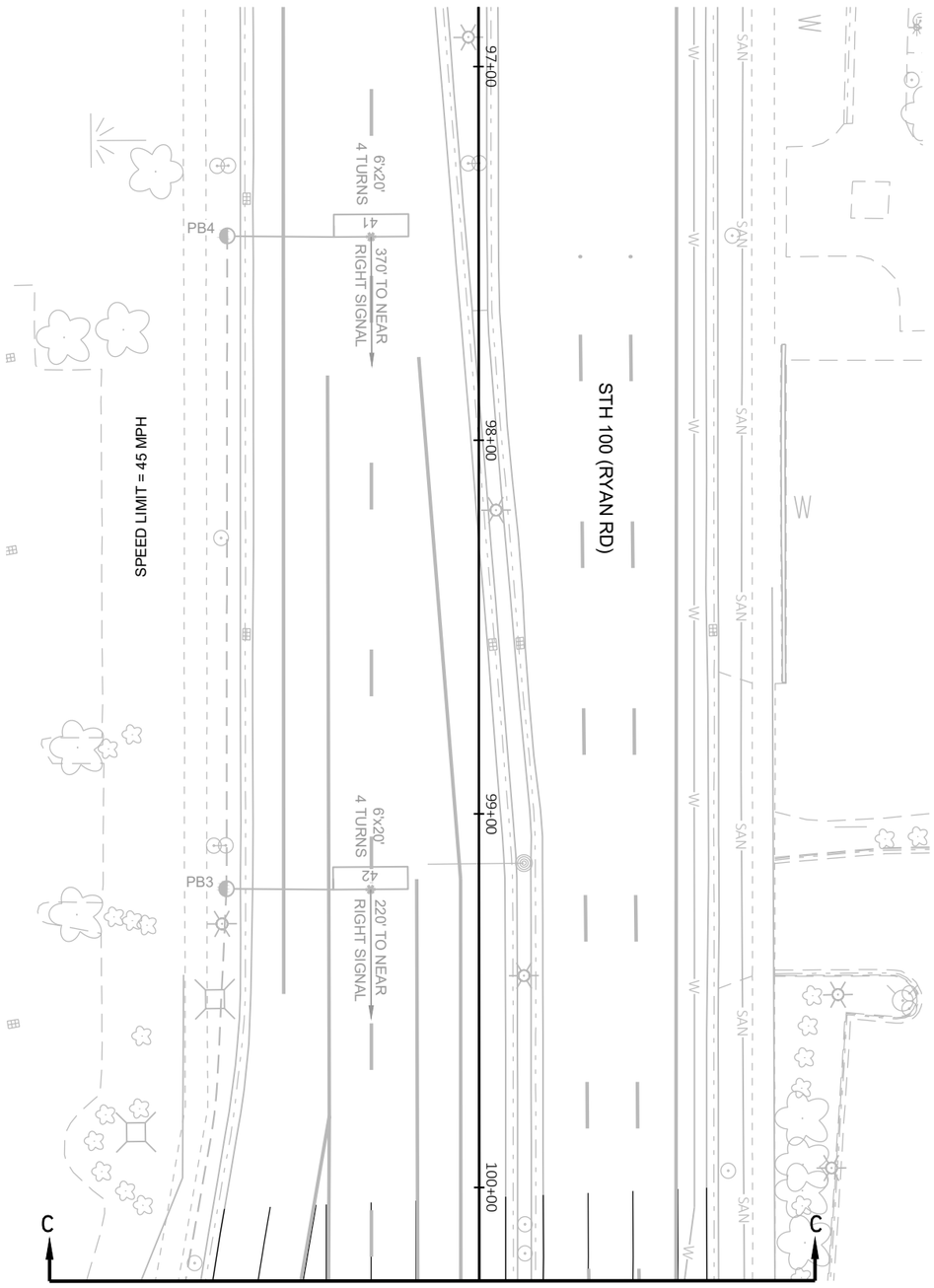
REGION CONTACT: K. WALKER
DESIGNED BY:
REVISED BY: TADI

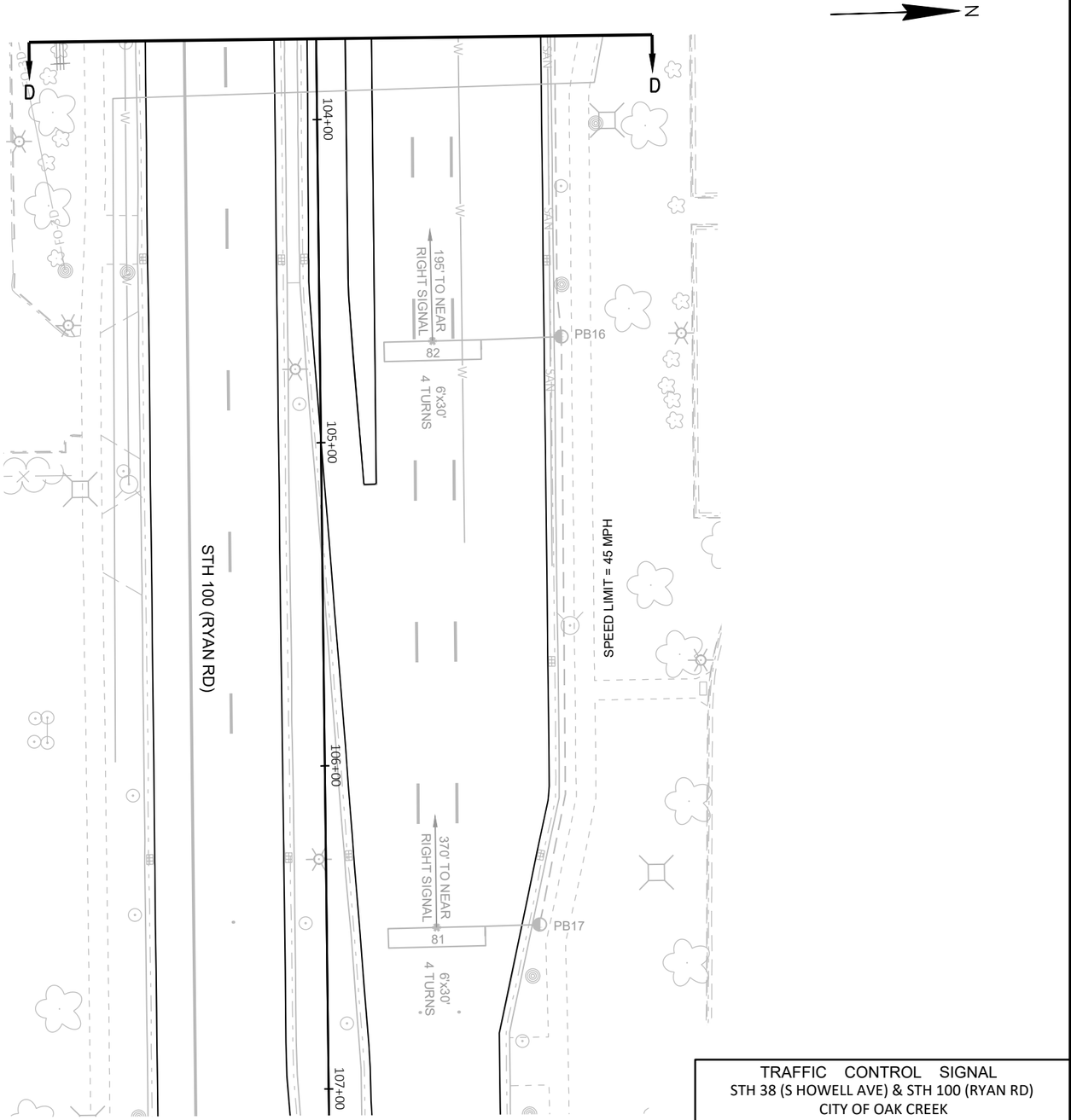
PAGE 2 OF 4

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC SIGNAL PLAN	SHEET 275	E

FILE NAME : Z:\SHARED\WI\3035 STH 100 AND STH 38 SIGNALS\CAD\STH 38\S40-1080_STH100RYAN.DWG
LAYOUT NAME - S40-1080_R2_pg2

PLOT DATE : 1/12/2026 4:24 PM PLOT BY : DERRIN WOLFORD PLOT NAME : PLOT SCALE : 1 IN:40 FT





TRAFFIC CONTROL SIGNAL
STH 38 (S HOWELL AVE) & STH 100 (RYAN RD)
CITY OF OAK CREEK
MILWAUKEE COUNTY

SIGNAL NO. S40-1080

REGION CONTACT: K. WALKER
DESIGNED BY:
REVISED BY: TADI

PAGE 3 OF 4

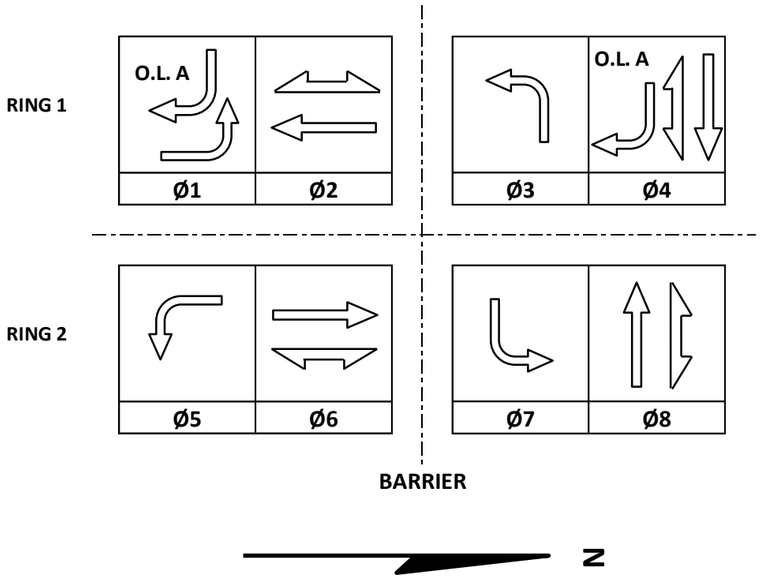
PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC SIGNAL PLAN	SHEET 276	E

FILE NAME : Z:\SHARED\WI\3035 STH 100 AND STH 38 SIGNALS\CAD\STH 38\S40-1080_STH100RYAN.DWG
LAYOUT NAME - S40-1080_R2_pg3

PLOT DATE : 1/12/2026 3:57 PM PLOT BY : DERRIN WOLFORD PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

	HEAD NUMBERS	FLASH
Ø1	4,5	R ←
Ø2	6,7,8,9	R
Ø3	25,26,27	R ←
Ø4	12,13,14	R
Ø5	10,11	R ←
Ø6	1,2,3	R
Ø7	15,16,17	R ←
Ø8	21,22,23,24	R
Ø2P	28,29,30,31	
Ø4P	36,37	
Ø6P	34,35	
Ø8P	32,33	
OLA	18,19,20	R
OLB		
OLC		
OLD		



CONTROLLER LOGIC

PHASE NUMBER	PHASE LOCKING	DUAL ENTRY W / Ø	PHASE RECALL	PHASE ACTIVE
1		6		X
2	X	6	MIN	X
3		8		X
4		8		X
5		2		X
6	X	2	MIN	X
7		4		X
8		4		X

EMERGENCY VEHICLE PREEMPTION SEQUENCE

EMERGENCY VEHICLE PREEMPTOR	A	B	C	D
MOVEMENT	←	→	O.L.A ↓↓	↑
PHASE	2+5	6+1	4+7	8+3

AFTER PREEMPTION SEQUENCE 2+5 OR 6+1, CONTROLLER SHALL RETURN TO PHASES 2+6.
AFTER PREEMPTION SEQUENCE 4+7 OR 8+3, CONTROLLER SHALL RETURN TO PHASES 4+8.

TYPE OF INTERCONNECT/COMMUNICATION	
NONE	
CLOSED LOOP	
TWISTED PAIR	
FIBER OPTIC*	
FIBER OPTIC (ETHERNET)	X
RADIO	
CELL MODEM	

TYPE OF COORDINATION	
NONE	
TBC	X
TRAFFIC RESPONSIVE	X
ADAPTIVE	
*LOCATION OF MASTER CONTROLLER NO: S-	
SIGNAL SYSTEM NO: SS-	

TYPE OF LIGHTING	
BY OTHER AGENCY	
IN TRAFFIC CABINET	X
IN SEPARATE DOT LIGHTING CABINET	

TYPE OF PRE-EMPT	
NONE	
RAILROAD	
EMERGENCY VEHICLE	X
GTT	X
TOMAR	
HARDWIRE	
OTHER	
CONFIRMATION LIGHTS	
LIFT BRIDGE	
QUEUE DETECTION	

DETECTOR LOGIC

DETECTOR INPUT	3	1	7	5	11	9	15	13	19	17	23	21	27	25	31	29	35	33	39	37	43	41	47	45	DETECTOR INPUT
PLAN LOOP DETECTOR*(S)	11	13	21	31	41	43	45	47	49	51	52	61	71	73	81	83	85	87	S1	S3	S5				PLAN LOOP DETECTOR*(S)
CALLED PHASE	1	1	2	3	4	4	4	4	4	5	5	6	7	7	8	8	8	8							CALLED PHASE
CALL OPTION	X	X	X	X		X	X	X	X	X	X	X	X	X		X	X	X							CALL OPTION
DELAY TIME								X	X																DELAY TIME
EXTENTION OPTION	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X							EXTENTION OPTION
EXTEND TIME					X										X										EXTEND TIME
USE ADDED INITIAL			X									X													USE ADDED INITIAL
CROSS SWITCH PHASE																									CROSS SWITCH PHASE

DETECTOR INPUT	4	2	8	6	12	10	16	14	20	18	24	22	28	26	32	30	36	34	40	38	44	42	48	46	DETECTOR INPUT
PLAN LOOP DETECTOR*(S)	12	14	22	32	42	44	46	48	410	52	53	62	72	74	82	84	86	88	S2	S4					PLAN LOOP DETECTOR*(S)
CALLED PHASE	1	1	2	3	4	4	4	4	4	5	5	6	7	7	8	8	8	8							CALLED PHASE
CALL OPTION	X	X	X	X		X	X	X	X	X	X	X	X	X		X	X	X							CALL OPTION
DELAY TIME								X	X																DELAY TIME
EXTENTION OPTION	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X							EXTENTION OPTION
EXTEND TIME					X										X										EXTEND TIME
USE ADDED INITIAL			X									X													USE ADDED INITIAL
CROSS SWITCH PHASE																									CROSS SWITCH PHASE

STH 38 (S HOWELL AVE) & STH 100 (RYAN RD)
CITY OF OAK CREEK
MILWAUKEE COUNTY

SIGNAL NO: S40-1080 CABINET TYPE: TS2-E
CONTROLLER TYPE: ECONOLITE
DATE: 7/26 PAGE NUMBER: 4 OF 4

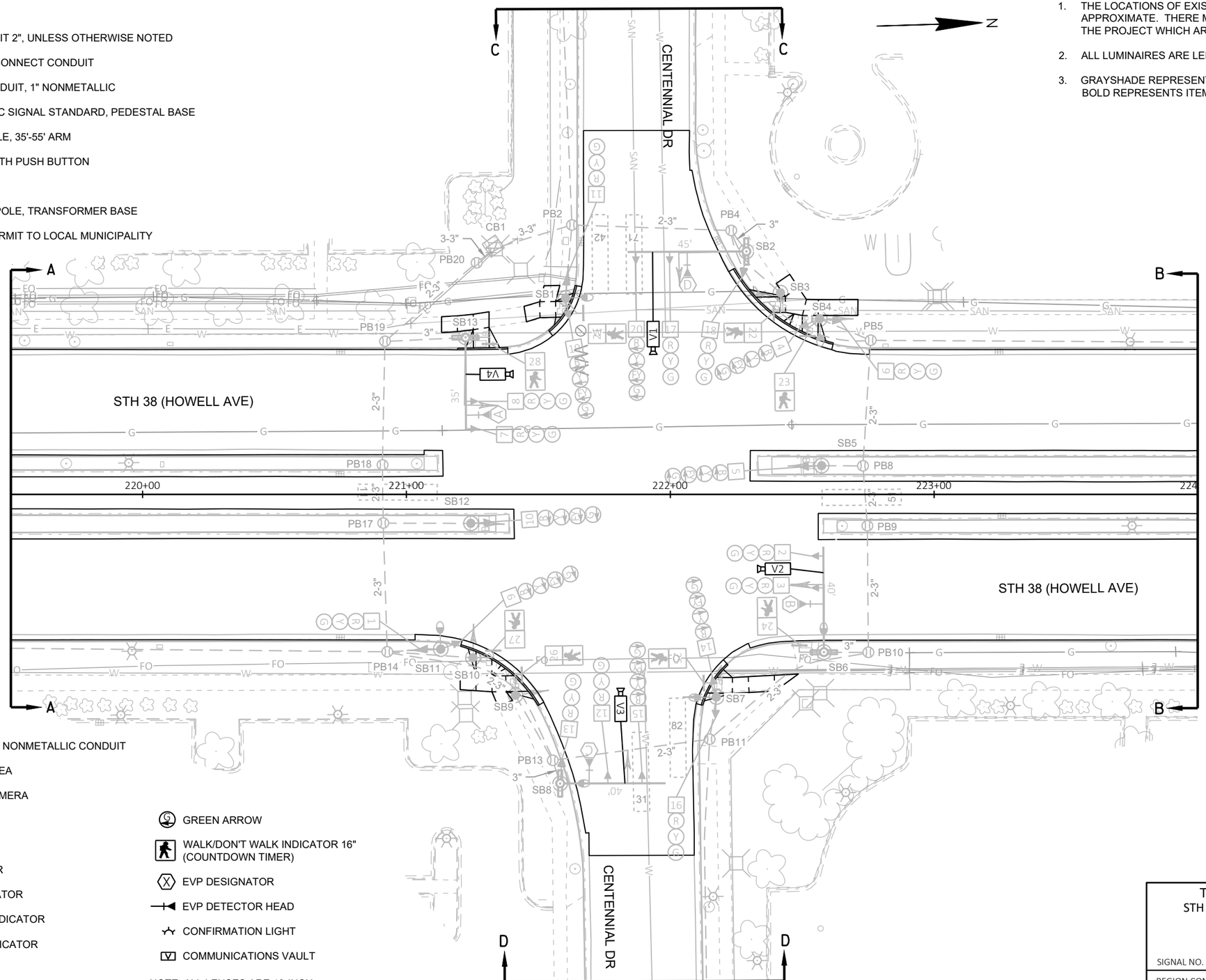
2

LEGEND

- CONTROL CABINET
- NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED
- NONMETALLIC INTERCONNECT CONDUIT
- LOOP DETECTOR CONDUIT, 1" NONMETALLIC
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX') MONOTUBE BASE, POLE, 35'-55' ARM
- PEDESTRIAN HEAD WITH PUSH BUTTON
- PUSH BUTTON
- LUMINAIRE, TRAFFIC POLE, TRANSFORMER BASE
- LUMINAIRE UNDER PERMIT TO LOCAL MUNICIPALITY

CONSTRUCTION NOTES:

1. THE LOCATIONS OF EXISTING UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT WHICH ARE NOT SHOWN.
2. ALL LUMINAIRES ARE LED-C UNLESS OTHERWISE NOTED.
3. GRAYSHADE REPRESENTS EXISTING.
   BOLD REPRESENTS ITEMS TO BE REMOVED.



LOOP DETECTOR IN 1" NONMETALLIC CONDUIT
VIDEO DETECTION AREA
XX VIDEO DETECTION CAMERA
PULL BOX, 24" X 36"
PULL BOX, 24" X 42"
XX SIGNAL HEAD NUMBER
R RED CIRCULAR INDICATOR
Y YELLOW CIRCULAR INDICATOR
G GREEN CIRCULAR INDICATOR
R RED ARROW
FY Y YELLOW ARROW

G GREEN ARROW
WALK/DON'T WALK INDICATOR 16" (COUNTDOWN TIMER)
X EVP DESIGNATOR
EVP DETECTOR HEAD
CONFIRMATION LIGHT
V COMMUNICATIONS VAULT

NOTE: ALL LENSES ARE 12-INCH
GRAYSHADE REPRESENTS EXISTING

MONOTUBE STRUCTURE NUMBERS
SB2 = S-40-1407
SB6 = S-40-1408
SB8 = S-40-1409
SB13 = S-40-1410

TRAFFIC CONTROL SIGNAL
STH 38 (S HOWELL AVE) & CENTENNIAL DR
CITY OF OAK CREEK
MILWAUKEE COUNTY

SIGNAL NO. S40-1237

REGION CONTACT: K. WALKER
DESIGNED BY:
REVISED BY: TADI

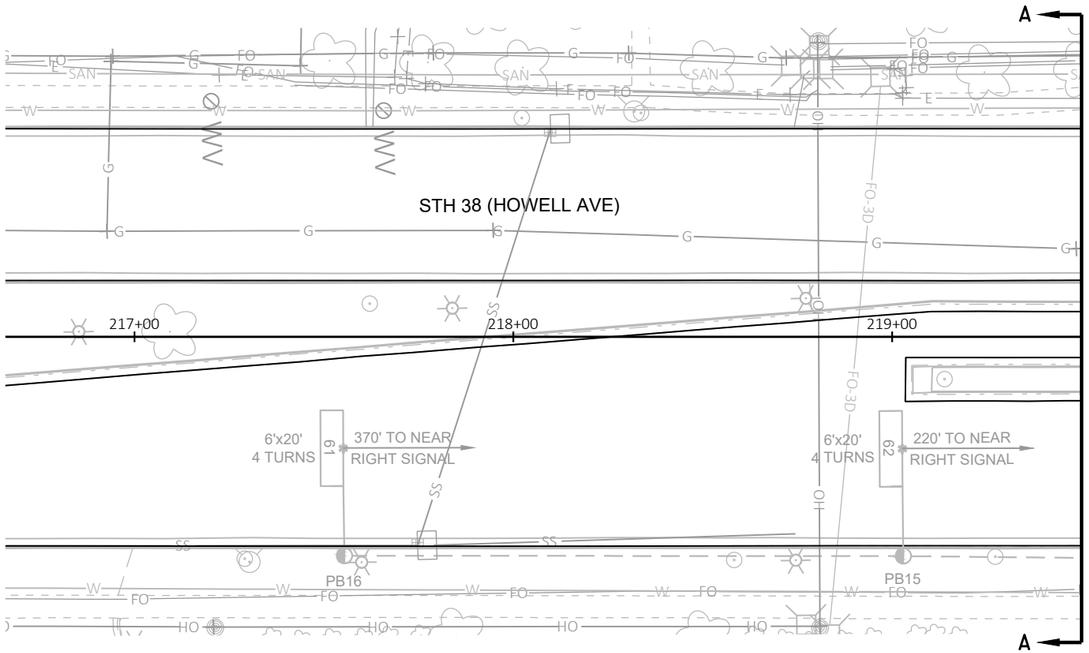
PAGE 1 OF 3

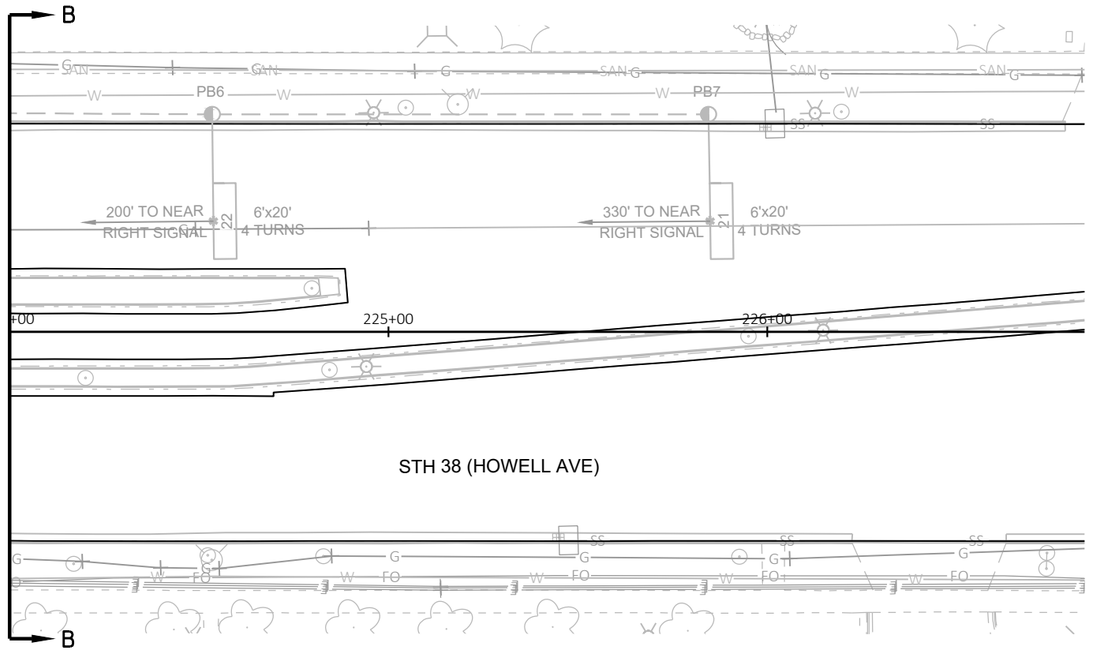
PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC SIGNAL REMOVAL PLAN	SHEET 278	E

FILE NAME : Z:\SHARED\WI\3035 STH 100 AND STH 38 SIGNALS\CAD\STH 38\EXISTING\S40-1237_REM_CENTENNIAL_2060-20-70.DWG
LAYOUT NAME - S40-1237_rem_pg1
PLOT DATE : 10/21/2025 8:12 AM PLOT BY : DERRIN WOLFORD PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

N





TRAFFIC CONTROL SIGNAL
STH 38 (S HOWELL AVE) & CENTENNIAL DR
CITY OF OAK CREEK
MILWAUKEE COUNTY

SIGNAL NO. S40-1237

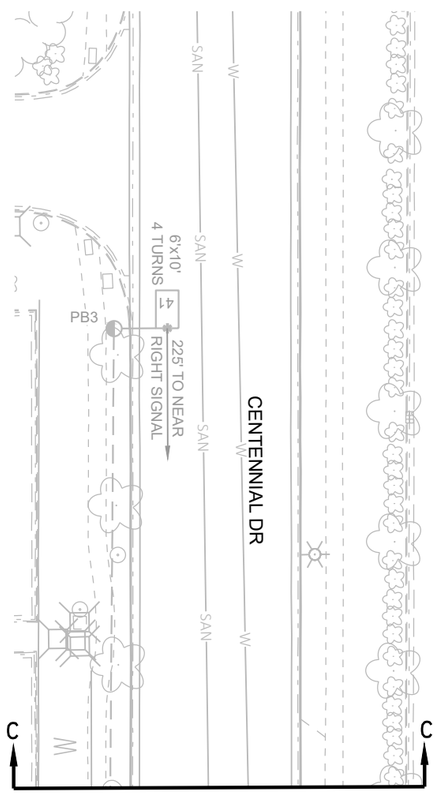
REGION CONTACT: K. WALKER
DESIGNED BY:
REVISED BY: TADI

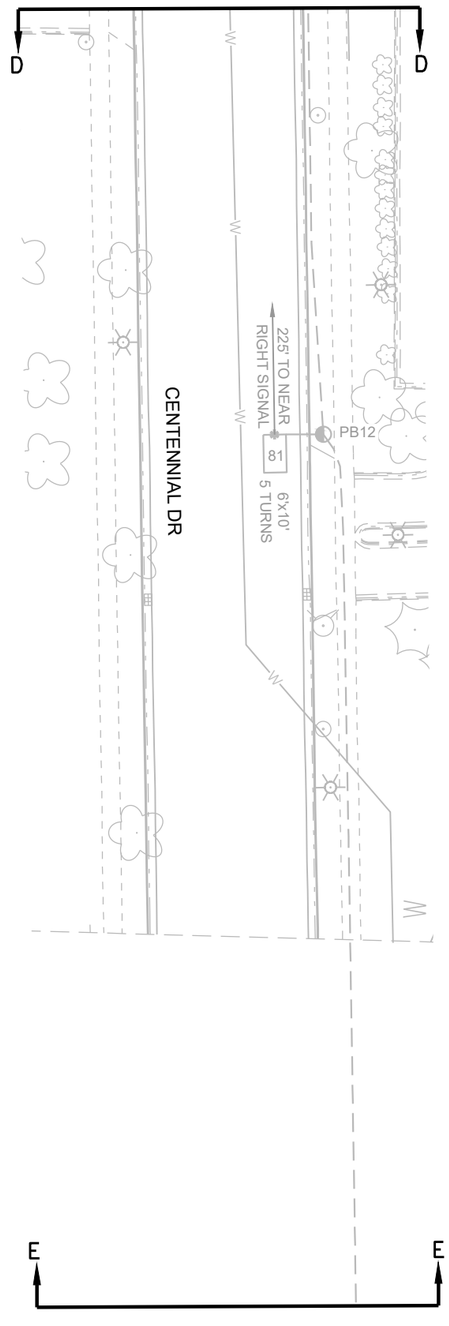
PAGE 2 OF 3

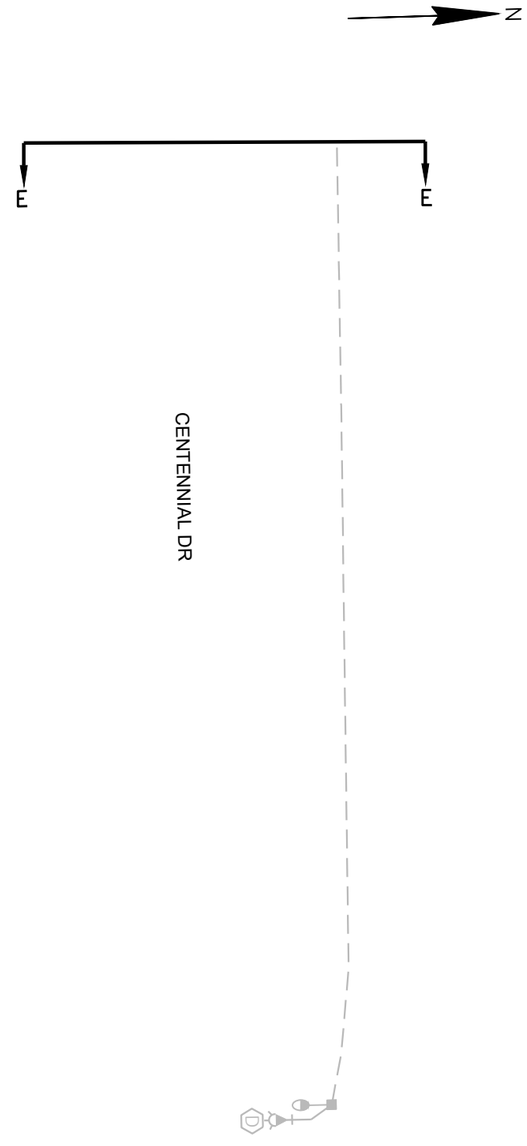
PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC SIGNAL REMOVAL PLAN	SHEET 279	E

FILE NAME : Z:\SHARED\WI\3035 STH 100 AND STH 38 SIGNALS\CAD\STH 38\EXISTING\S40-1237_REM_CENTENNIAL_2060-20-70.DWG
LAYOUT NAME - S40-1237_rem_pg2

PLOT DATE : 10/21/2025 8:13 AM PLOT BY : DERRIN WOLFORD PLOT NAME : PLOT SCALE : 1 IN:40 FT







TRAFFIC CONTROL SIGNAL
STH 38 (S HOWELL AVE) & CENTENNIAL DR
CITY OF OAK CREEK
MILWAUKEE COUNTY

SIGNAL NO. S40-1237

REGION CONTACT: K. WALKER
DESIGNED BY:
REVISED BY: TADI

PAGE 3 OF 3

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC SIGNAL REMOVAL PLAN	SHEET 280	E

FILE NAME : Z:\SHARED\WI\3035 STH 100 AND STH 38 SIGNALS\CAD\STH 38\EXISTING\S40-1237_REM_CENTENNIAL_2060-20-70.DWG
LAYOUT NAME - S40-1237_rem_pg3

PLOT DATE : 10/21/2025 8:14 AM PLOT BY : DERRIN WOLFORD PLOT NAME : PLOT SCALE : 1 IN:40 FT

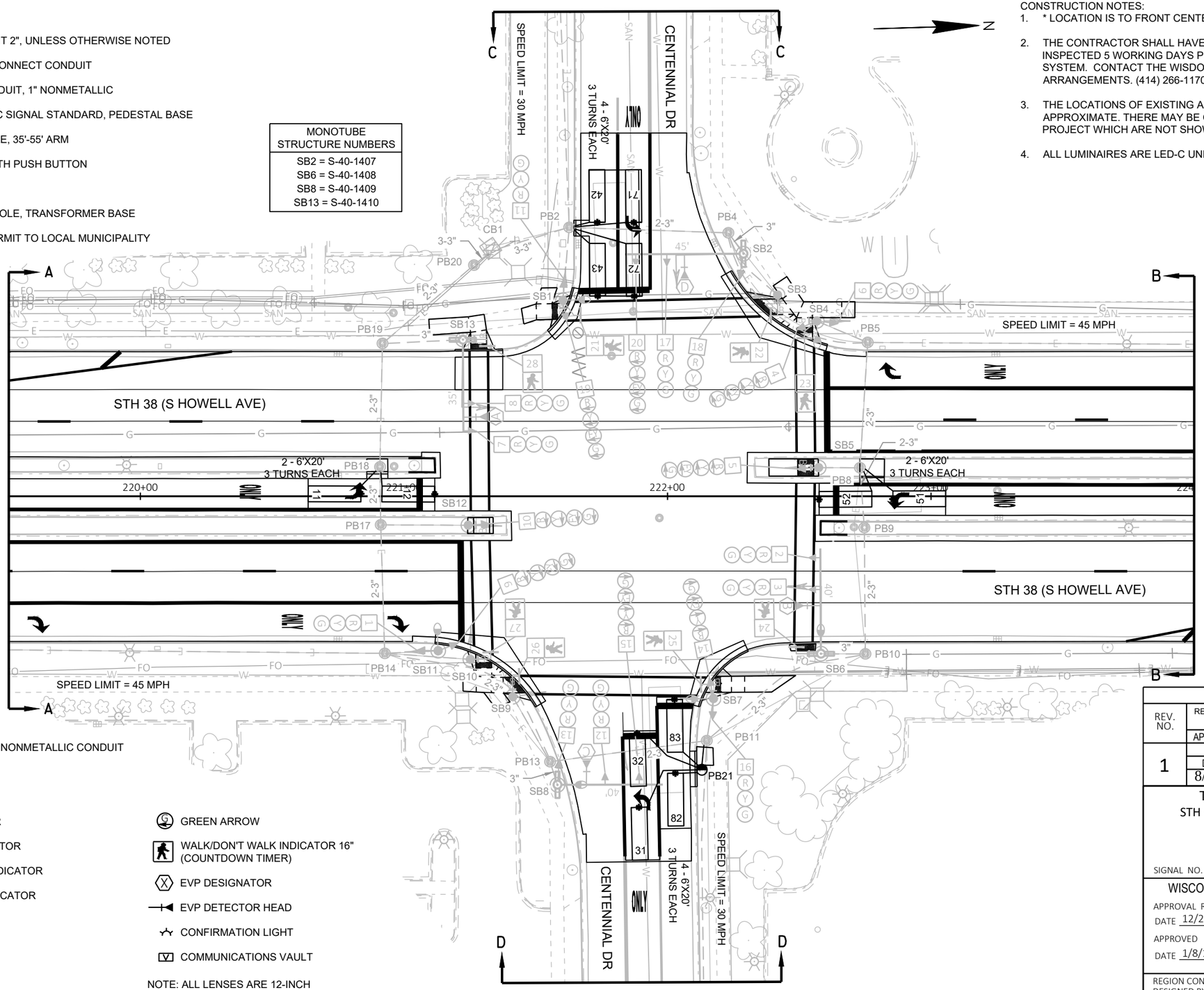
LEGEND

- CONTROL CABINET
- NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED
- NONMETALLIC INTERCONNECT CONDUIT
- LOOP DETECTOR CONDUIT, 1" NONMETALLIC
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX') MONOTUBE BASE, POLE, 35'-55' ARM
- B PEDESTRIAN HEAD WITH PUSH BUTTON
- B PUSH BUTTON
- LUMINAIRE, TRAFFIC POLE, TRANSFORMER BASE
- LUMINAIRE UNDER PERMIT TO LOCAL MUNICIPALITY

MONOTUBE STRUCTURE NUMBERS
SB2 = S-40-1407
SB6 = S-40-1408
SB8 = S-40-1409
SB13 = S-40-1410

CONSTRUCTION NOTES:

1. * LOCATION IS TO FRONT CENTER OF DETECTOR LOOP.
2. THE CONTRACTOR SHALL HAVE THE PULL BOXES AND CONDUIT RUNS INSPECTED 5 WORKING DAYS PRIOR TO PLACING SIGNAL CABLE INTO SYSTEM. CONTACT THE WISDOT ELECTRICAL FIELD UNIT TO MAKE ARRANGEMENTS. (414) 266-1170.
3. THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT WHICH ARE NOT SHOWN.
4. ALL LUMINAIRES ARE LED-C UNLESS OTHERWISE NOTED.



- LOOP DETECTOR IN 1" NONMETALLIC CONDUIT
- PULL BOX, 24" X 36"
- PULL BOX, 24" X 42"
- XX SIGNAL HEAD NUMBER
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- R RED ARROW
- FY Y YELLOW ARROW
- G GREEN ARROW
- WALK/DON'T WALK INDICATOR 16" (COUNTDOWN TIMER)
- X EVP DESIGNATOR
- EVP DETECTOR HEAD
- CONFIRMATION LIGHT
- V COMMUNICATIONS VAULT

NOTE: ALL LENSES ARE 12-INCH
GRAYSHADE REPRESENTS EXISTING

REVISION				
REV. NO.	REPLACE VIDEO DETECTION ZONES 11, 31, 42, 51, 71, 82 WITH LOOPS; INSTALL PB21; UPDATE DETECTOR LOGIC TABLE			
	APPROVAL RECOMMENDED		APPROVED	
	REGION		CENTRAL OFFICE	
1	DATE	BY	DATE	BY
	8/3/26	JMM	8/6/26	JBK

TRAFFIC CONTROL SIGNAL
STH 38 (S HOWELL AVE) & CENTENNIAL DR
CITY OF OAK CREEK
MILWAUKEE COUNTY

SIGNAL NO. S40-1237
CABINET TYPE: TS2-S
CONTROLLER TYPE: ECONOLITE

WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVAL RECOMMENDED
DATE 12/20/13 — MITZI M. DOBERSEK, REGION TRAFFIC ENGINEER

APPROVED
DATE 1/8/14 — JOANNA L. BUSH, STATE TRAFFIC ENGINEER

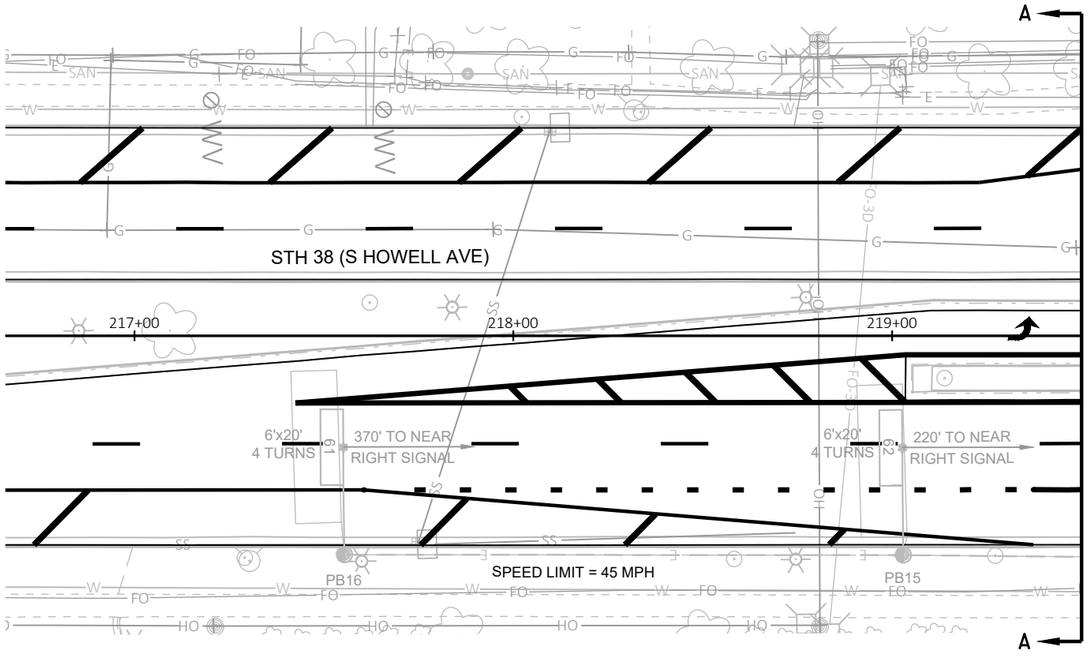
REGION CONTACT: K. WALKER
DESIGNED BY:
REVISED BY: TADI

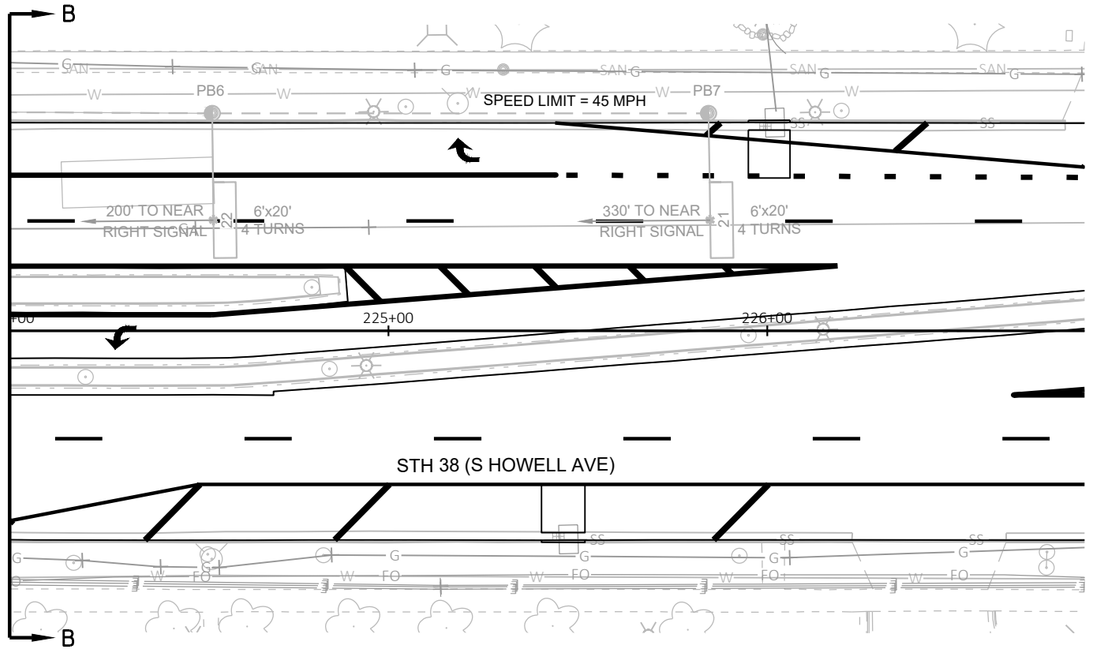
PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC SIGNAL PLAN	SHEET 281 E

FILE NAME : Z:\SHARED\WI\3035 STH 100 AND STH 38 SIGNALS\CAD\STH 38\S40-1237_CENTENNIAL.DWG
LAYOUT NAME - S40-1237_R1_pg1
PLOT DATE : 7/17/2026 1:41 PM
PLOT BY : DERRIN WOLFORD
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

2

N





TRAFFIC CONTROL SIGNAL
STH 38 (S HOWELL AVE) & CENTENNIAL DR
CITY OF OAK CREEK
MILWAUKEE COUNTY

SIGNAL NO. S40-1237

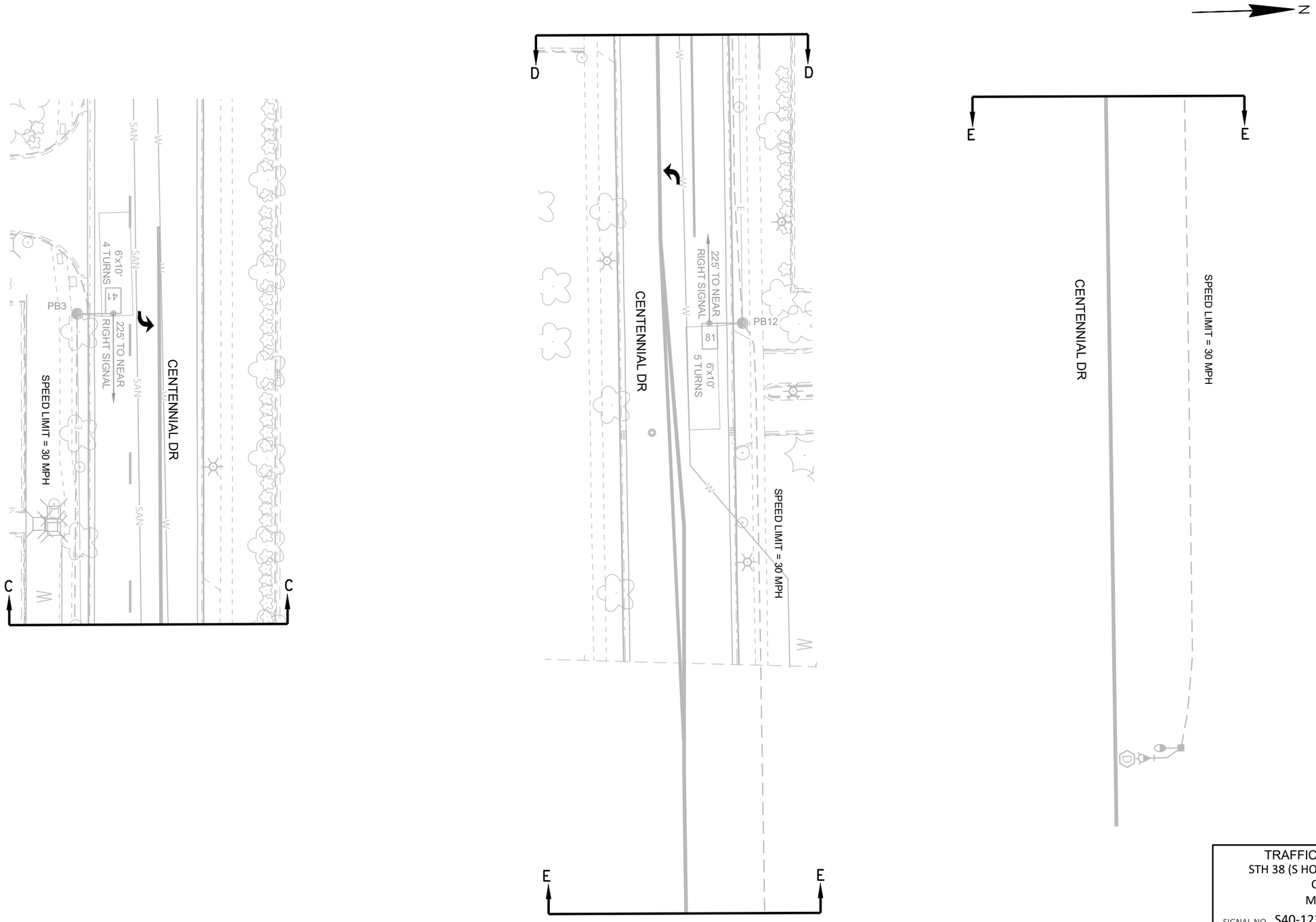
REGION CONTACT: K. WALKER
DESIGNED BY:
REVISED BY: TADI

PAGE 2 OF 4

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC SIGNAL PLAN	SHEET 282	E

FILE NAME : Z:\SHARED\WI\3035 STH 100 AND STH 38 SIGNALS\CAD\STH 38\S40-1237_CENTENNIAL.DWG
LAYOUT NAME - S40-1237_R1_pg2

PLOT DATE : 1/12/2026 4:22 PM PLOT BY : DERRIN WOLFORD PLOT NAME : PLOT SCALE : 1 IN:40 FT



TRAFFIC CONTROL SIGNAL
STH 38 (S HOWELL AVE) & CENTENNIAL DR
CITY OF OAK CREEK
MILWAUKEE COUNTY

SIGNAL NO. S40-1237

REGION CONTACT: K. WALKER
DESIGNED BY:
REVISED BY: TADI

PAGE 3 OF 4

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC SIGNAL PLAN	SHEET 283	E

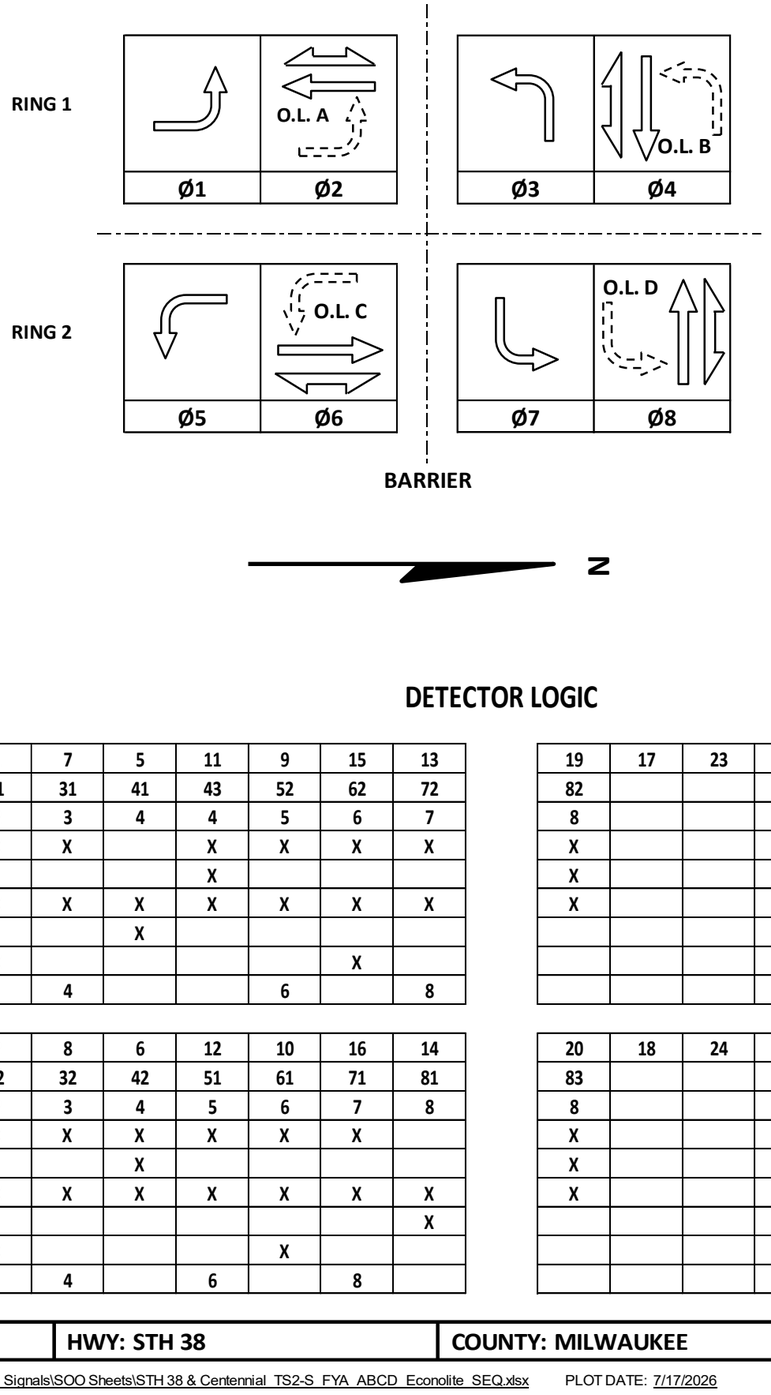
FILE NAME : Z:\SHARED\WI\3035 STH 100 AND STH 38 SIGNALS\CAD\STH 38\S40-1237_CENTENNIAL.DWG
LAYOUT NAME - S40-1237_R1_pg3

PLOT DATE : 1/12/2026 3:59 PM PLOT BY : DERRIN WOLFORD PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

	HEAD NUMBERS	FLASH
Ø1	4,5	-
Ø2	6,7,8	R
Ø3	19,20	-
Ø4	11,12,13	R
Ø5	9,10	-
Ø6	1,2,3	R
Ø7	14,15	-
Ø8	16,17,18	R
Ø2P	21,22	
Ø4P	27,28	
Ø6P	25,26	
Ø8P	23,24	
OLA	4,5	R ←
OLB	19,20	R ←
OLC	9,10	R ←
OLD	14,15	R ←



CONTROLLER LOGIC

PHASE NUMBER	PHASE LOCKING	DUAL ENTRY W / Ø	PHASE RECALL	PHASE ACTIVE
1		6		X
2	X	6	MIN	X
3		8		X
4		8		X
5		2		X
6	X	2	MIN	X
7		4		X
8		4		X

EMERGENCY VEHICLE PREEMPTION SEQUENCE

EMERGENCY VEHICLE PREEMPTOR	A	B	C	D
MOVEMENT				
PHASE	2+5	6+1	4+7	8+3

AFTER PREEMPTION SEQUENCE 2+5 OR 6+1, CONTROLLER SHALL RETURN TO PHASES 2+6.
AFTER PREEMPTION SEQUENCE 4+7 OR 8+3, CONTROLLER SHALL RETURN TO PHASES 4+8.

TYPE OF INTERCONNECT/COMMUNICATION	
NONE	
CLOSED LOOP	
TWISTED PAIR	
FIBER OPTIC*	
FIBER OPTIC (ETHERNET)	X
RADIO	
CELL MODEM	

TYPE OF COORDINATION	
NONE	
TBC	X
TRAFFIC RESPONSIVE	X
ADAPTIVE	
*LOCATION OF MASTER CONTROLLER NO: S-	
SIGNAL SYSTEM NO: SS-	

TYPE OF LIGHTING	
BY OTHER AGENCY	
IN TRAFFIC CABINET	X
IN SEPARATE DOT LIGHTING CABINET	

TYPE OF PRE-EMPT	
NONE	
RAILROAD	
EMERGENCY VEHICLE	X
GTT	X
TOMAR	
HARDWIRE	
OTHER	
CONFIRMATION LIGHTS	
LIFT BRIDGE	
QUEUE DETECTION	

DETECTOR LOGIC

DETECTOR INPUT	3	1	7	5	11	9	15	13
PLAN LOOP DETECTOR*(S)	11	21	31	41	43	52	62	72
CALLED PHASE	1	2	3	4	4	5	6	7
CALL OPTION	X	X	X		X	X	X	X
DELAY TIME					X			
EXTENTION OPTION	X	X	X	X	X	X	X	X
EXTEND TIME				X				
USE ADDED INITIAL		X					X	
CROSS SWITCH PHASE	2		4			6		8

DETECTOR INPUT	19	17	23	21	27	25	31	29	DETECTOR INPUT
PLAN LOOP DETECTOR*(S)	82								PLAN LOOP DETECTOR*(S)
CALLED PHASE	8								CALLED PHASE
CALL OPTION	X								CALL OPTION
DELAY TIME	X								DELAY TIME
EXTENTION OPTION	X								EXTENTION OPTION
EXTEND TIME									EXTEND TIME
USE ADDED INITIAL									USE ADDED INITIAL
CROSS SWITCH PHASE									CROSS SWITCH PHASE

DETECTOR INPUT	4	2	8	6	12	10	16	14
PLAN LOOP DETECTOR*(S)	12	22	32	42	51	61	71	81
CALLED PHASE	1	2	3	4	5	6	7	8
CALL OPTION	X	X	X	X	X	X	X	
DELAY TIME				X				
EXTENTION OPTION	X	X	X	X	X	X	X	X
EXTEND TIME								X
USE ADDED INITIAL		X				X		
CROSS SWITCH PHASE	2		4		6		8	

DETECTOR INPUT	20	18	24	22	28	26	32	30	DETECTOR INPUT
PLAN LOOP DETECTOR*(S)	83								PLAN LOOP DETECTOR*(S)
CALLED PHASE	8								CALLED PHASE
CALL OPTION	X								CALL OPTION
DELAY TIME	X								DELAY TIME
EXTENTION OPTION	X								EXTENTION OPTION
EXTEND TIME									EXTEND TIME
USE ADDED INITIAL									USE ADDED INITIAL
CROSS SWITCH PHASE									CROSS SWITCH PHASE

GENERAL NOTES:

1. 2ND EMERGENCY VEHICLE DETECTOR HEAD D EXISTS ON EAST LEG OF INTERSECTION IN FRONT OF FIRE DEPARTMENT.

STH 38 (S HOWELL AVE) & CENTENNIAL DR
CITY OF OAK CREEK
MILWAUKEE COUNTY
SIGNAL NO: S40-1237 CABINET TYPE: TS2-S
CONTROLLER TYPE: ECONOLITE
DATE: 7/26 PAGE NUMBER: 4 OF 4

FILE NAME: \\EgnyteDrive\tadi\Shared\WI\3035 STH 100 and STH 38 Signals\SOO Sheets\STH 38 & Centennial TS2-S FYA ABCD Econolite SEQ.xlsx PLOT DATE: 7/17/2026 PLOT NAME: STH 38 & Centennial TS2-S FYA ABCD Econolite SEQ.xlsx PLOT BY: WOLFORD, DERRIN PLOT SCALE: 1:1

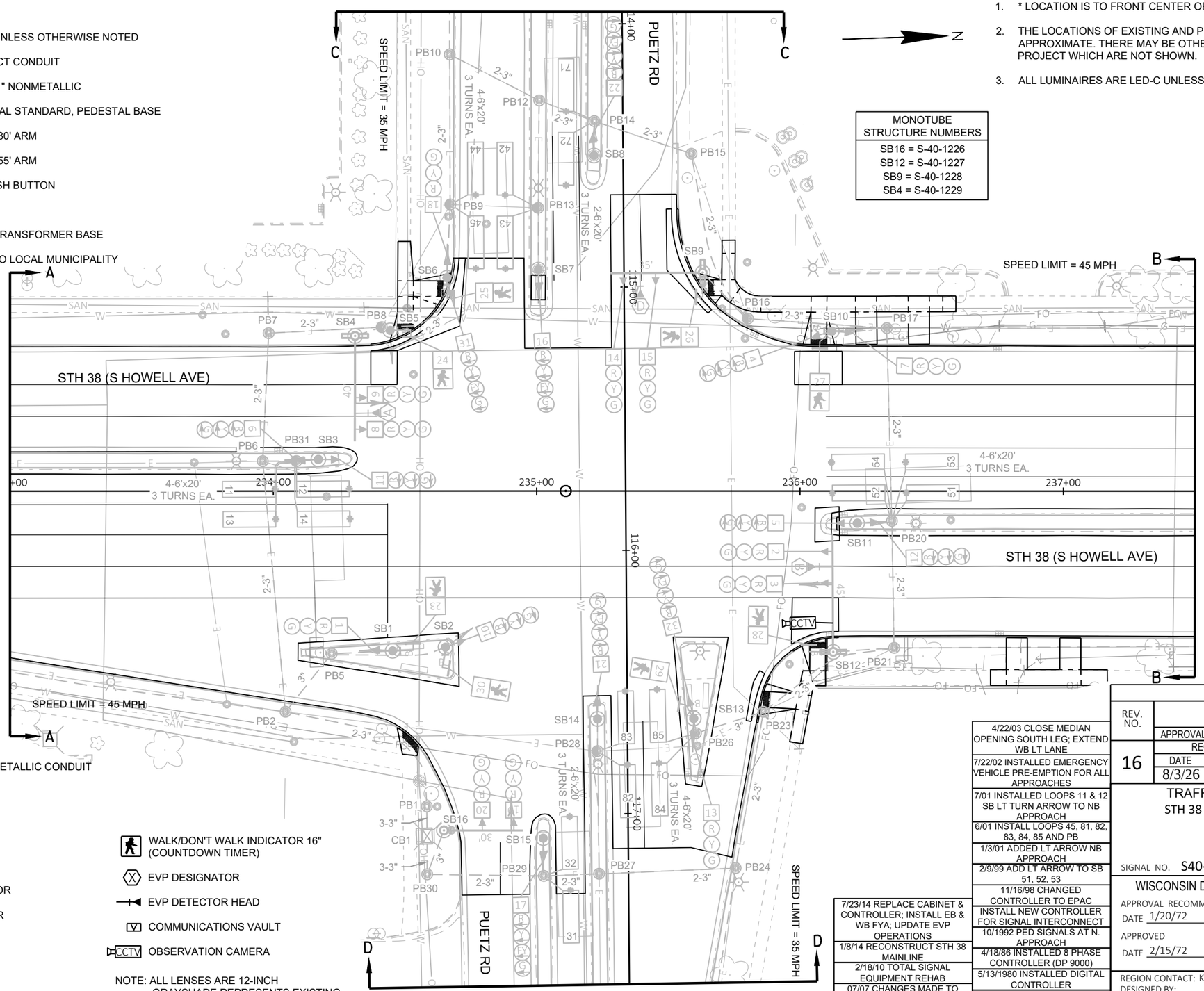
2

LEGEND

- CONTROL CABINET
- NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED
- NONMETALLIC INTERCONNECT CONDUIT
- LOOP DETECTOR CONDUIT, 1" NONMETALLIC
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX') MONOTUBE BASE, POLE, 15'-30' ARM
- (XX') MONOTUBE BASE, POLE, 35'-55' ARM
- B PEDESTRIAN HEAD WITH PUSH BUTTON
- B PUSH BUTTON
- LUMINAIRE, TRAFFIC POLE, TRANSFORMER BASE
- LUMINAIRE UNDER PERMIT TO LOCAL MUNICIPALITY

CONSTRUCTION NOTES:
1. * LOCATION IS TO FRONT CENTER OF DETECTOR LOOP.
2. THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT WHICH ARE NOT SHOWN.
3. ALL LUMINAIRES ARE LED-C UNLESS OTHERWISE NOTED.

MONOTUBE STRUCTURE NUMBERS
SB16 = S-40-1226
SB12 = S-40-1227
SB9 = S-40-1228
SB4 = S-40-1229



LOOP DETECTOR IN 1" NONMETALLIC CONDUIT
PULL BOX, 24" X 36"
PULL BOX, 24" X 42"
XX SIGNAL HEAD NUMBER
R RED CIRCULAR INDICATOR
Y YELLOW CIRCULAR INDICATOR
G GREEN CIRCULAR INDICATOR
R RED ARROW
FY YELLOW ARROW
G GREEN ARROW

WALK/DON'T WALK INDICATOR 16" (COUNTDOWN TIMER)
X EVP DESIGNATOR
EVP DETECTOR HEAD
COMMUNICATIONS VAULT
CCTV OBSERVATION CAMERA

NOTE: ALL LENSES ARE 12-INCH GRAYSHADE REPRESENTS EXISTING

4/22/03 CLOSE MEDIAN OPENING SOUTH LEG; EXTEND WB LT LANE
7/22/02 INSTALLED EMERGENCY VEHICLE PRE-EMPTION FOR ALL APPROACHES
7/01 INSTALLED LOOPS 11 & 12 SB LT TURN ARROW TO NB APPROACH
6/01 INSTALL LOOPS 45, 81, 82, 83, 84, 85 AND PB
1/3/01 ADDED LT ARROW NB APPROACH
2/9/99 ADD LT ARROW TO SB 51, 52, 53
11/16/98 CHANGED CONTROLLER TO EPAC
INSTALL NEW CONTROLLER FOR SIGNAL INTERCONNECT
10/1992 PED SIGNALS AT N. APPROACH
4/18/86 INSTALLED 8 PHASE CONTROLLER (DP 9000)
5/13/1980 INSTALLED DIGITAL CONTROLLER
3/7/1972 INITIAL INSTALL

7/23/14 REPLACE CABINET & CONTROLLER; INSTALL EB & WB FYA; UPDATE EVP OPERATIONS
1/8/14 RECONSTRUCT STH 38 MAINLINE
2/18/10 TOTAL SIGNAL EQUIPMENT REHAB
07/07 CHANGES MADE TO REFLECT FIELD CONDITIONS

REVISION

REV. NO.	INSTALL OBSERVATION CAMERA			
	APPROVAL RECOMMENDED		APPROVED	
	REGION		CENTRAL OFFICE	
16	DATE	BY	DATE	BY
	8/3/26	JMM	8/6/26	JR

TRAFFIC CONTROL SIGNAL
STH 38 (S HOWELL AVE) & PUETZ RD
CITY OF OAK CREEK
MILWAUKEE COUNTY

SIGNAL NO. S40-1140
CABINET TYPE: TS2-E
CONTROLLER TYPE: ECONOLITE

WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVAL RECOMMENDED
DATE 1/20/72 — ROBERT MOE, REGION TRAFFIC ENGINEER

APPROVED
DATE 2/15/72 — WAYNE VOLK, STATE TRAFFIC ENGINEER

REGION CONTACT: K. WALKER
DESIGNED BY:
REVISED BY: TADI

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC SIGNAL PLAN	SHEET 285	E

FILE NAME : Z:\SHARED\WI\3035 STH 100 AND STH 38 SIGNALS\CAD\STH 38\S40-1140_PUETZ.DWG
LAYOUT NAME - S40-1140_R16_pg1
PLOT DATE : 7/17/2026 1:47 PM
PLOT BY : DERRIN WOLFORD
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

2

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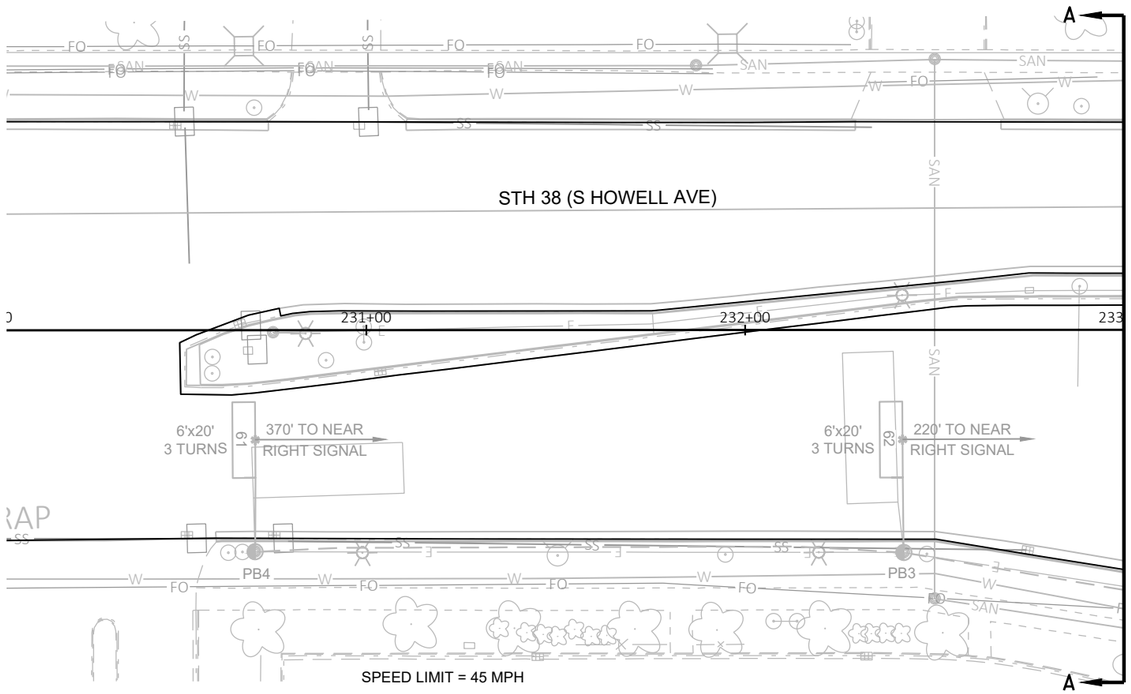
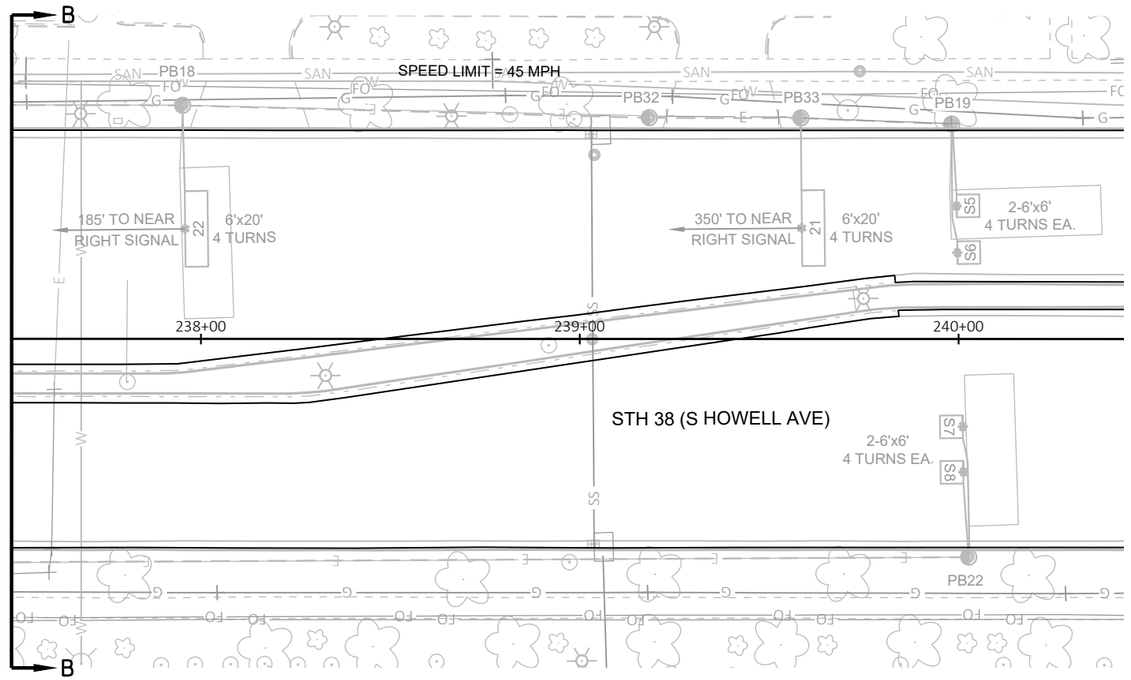




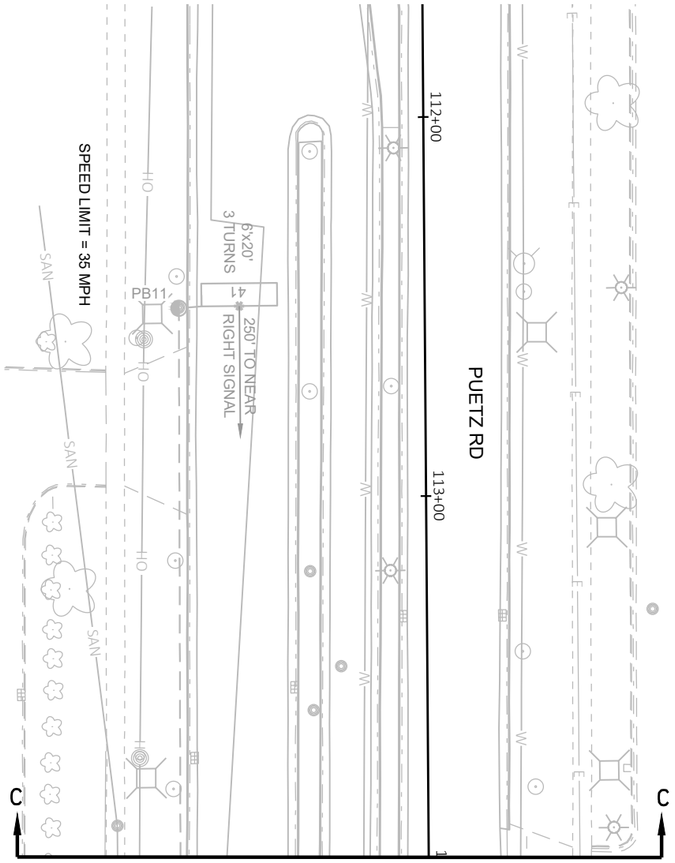
TRAFFIC CONTROL SIGNAL
STH 38 (S HOWELL AVE) & PUETZ RD
CITY OF OAK CREEK
MILWAUKEE COUNTY

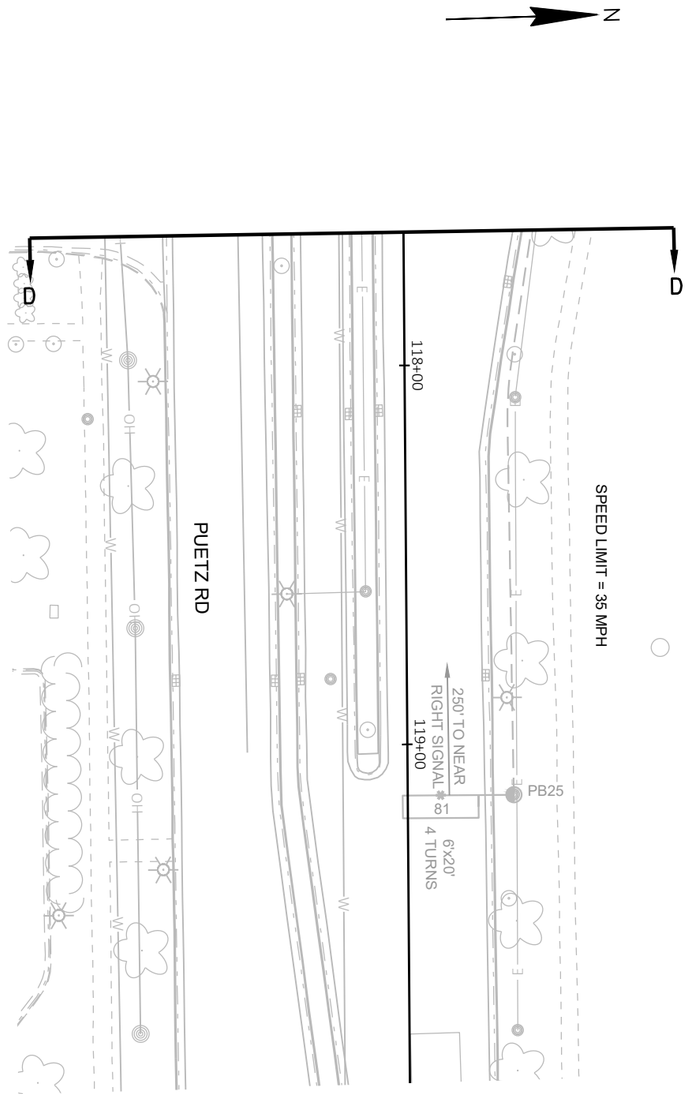
SIGNAL NO. S40-1140

REGION CONTACT: K. WALKER
DESIGNED BY:
REVISED BY: TADI

PAGE 2 OF 4

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC SIGNAL PLAN	SHEET 286	E





TRAFFIC CONTROL SIGNAL
STH 38 (S HOWELL AVE) & PUETZ RD
CITY OF OAK CREEK
MILWAUKEE COUNTY

SIGNAL NO. S40-1140

REGION CONTACT: K. WALKER
DESIGNED BY:
REVISED BY: TADI

PAGE 3 OF 4

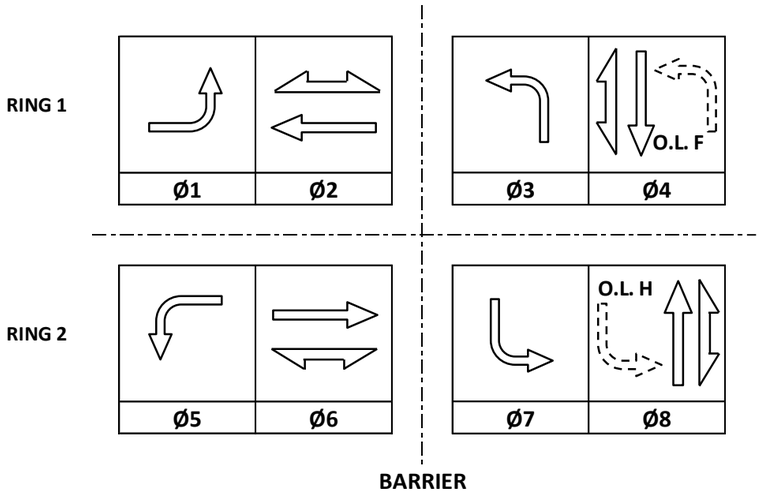
PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC SIGNAL PLAN	SHEET 287	E

FILE NAME : Z:\SHARED\WI\3035 STH 100 AND STH 38 SIGNALS\CAD\STH 38\S40-1140_PUETZ.DWG
LAYOUT NAME - S40-1140_R16_pg3

PLOT DATE : 10/22/2025 5:12 PM PLOT BY : DERRIN WOLFORD PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

	HEAD NUMBERS	FLASH
Ø1	4,5,6	R ←
Ø2	7,8,9	R
Ø3	16,17,31	R ←
Ø4	18,19,20	R
Ø5	10,11,12	R ←
Ø6	1,2,3	R
Ø7	21,22,32	R ←
Ø8	13,14,15	R
Ø2P	25,26	
Ø4P	23,24	
Ø6P	29,30	
Ø8P	27,28	
OLE		
OLF	16,17,31	-
OLG		
OLH	21,22,32	-



CONTROLLER LOGIC

PHASE NUMBER	PHASE LOCKING	DUAL ENTRY W / Ø	PHASE RECALL	PHASE ACTIVE
1		6		X
2	X	6	MIN	X
3		8		X
4		8		X
5		2		X
6	X	2	MIN	X
7		4		X
8		4		X

EMERGENCY VEHICLE PREEMPTION SEQUENCE

EMERGENCY VEHICLE PREEMPTOR	A	B	C	D
MOVEMENT	←	→	↓	↑
PHASE	2+5	6+1	4+7	8+3

AFTER PREEMPTION SEQUENCE 2+5 OR 6+1, CONTROLLER SHALL RETURN TO PHASES 2+6.
AFTER PREEMPTION SEQUENCE 4+7 OR 8+3, CONTROLLER SHALL RETURN TO PHASES 4+8.

TYPE OF INTERCONNECT/COMMUNICATION	
NONE	
CLOSED LOOP	
TWISTED PAIR	
FIBER OPTIC*	
FIBER OPTIC (ETHERNET)	X
RADIO	
CELL MODEM	

TYPE OF COORDINATION	
NONE	
TBC	X
TRAFFIC RESPONSIVE	X
ADAPTIVE	
*LOCATION OF MASTER CONTROLLER NO: S-	
SIGNAL SYSTEM NO: SS-	

TYPE OF LIGHTING	
BY OTHER AGENCY	X
IN TRAFFIC CABINET	
IN SEPARATE DOT LIGHTING CABINET	

TYPE OF PRE-EMPT	
NONE	
RAILROAD	
EMERGENCY VEHICLE	X
GTT	X
TOMAR	
HARDWIRE	
OTHER	
CONFIRMATION LIGHTS	
LIFT BRIDGE	
QUEUE DETECTION	

DETECTOR LOGIC

DETECTOR INPUT	3	1	7	5	11	9	15	13
PLAN LOOP DETECTOR*(S)	11	13	21	31	41	43	45	51
CALLED PHASE	1	1	2	3	4	4	4	5
CALL OPTION	X	X	X	X		X	X	X
DELAY TIME							X	
EXTENTION OPTION	X	X	X	X	X	X	X	X
EXTEND TIME					X			
USE ADDED INITIAL			X					
CROSS SWITCH PHASE				4				

DETECTOR INPUT	19	17	23	21	27	25	31	29
PLAN LOOP DETECTOR*(S)	53	61	71	81	83	85	S5	S7
CALLED PHASE	5	6	7	8	8	8		
CALL OPTION	X	X	X		X	X		
DELAY TIME								
EXTENTION OPTION	X	X	X	X	X	X		
EXTEND TIME				X				
USE ADDED INITIAL		X						
CROSS SWITCH PHASE			8					

DETECTOR INPUT	4	2	8	6	12	10	16	14
PLAN LOOP DETECTOR*(S)	12	14	22	32	42	44		52
CALLED PHASE	1	1	2	3	4	4		5
CALL OPTION	X	X	X	X	X	X		X
DELAY TIME						X		
EXTENTION OPTION	X	X	X	X	X	X		X
EXTEND TIME								
USE ADDED INITIAL			X					
CROSS SWITCH PHASE				4				

DETECTOR INPUT	20	18	24	22	28	26	32	30
PLAN LOOP DETECTOR*(S)	54	62	72	82	84		S6	S8
CALLED PHASE	5	6	7	8	8			
CALL OPTION	X	X	X	X	X			
DELAY TIME								
EXTENTION OPTION	X	X	X	X	X			
EXTEND TIME								
USE ADDED INITIAL		X						
CROSS SWITCH PHASE			8					

STH 38 (S HOWELL AVE) & PUETZ RD
CITY OF OAK CREEK
MILWAUKEE COUNTY

SIGNAL NO: S40-1140	CABINET TYPE: TS2-E
	CONTROLLER TYPE: ECONOLITE
DATE: 10/25	PAGE NUMBER: 4 OF 4

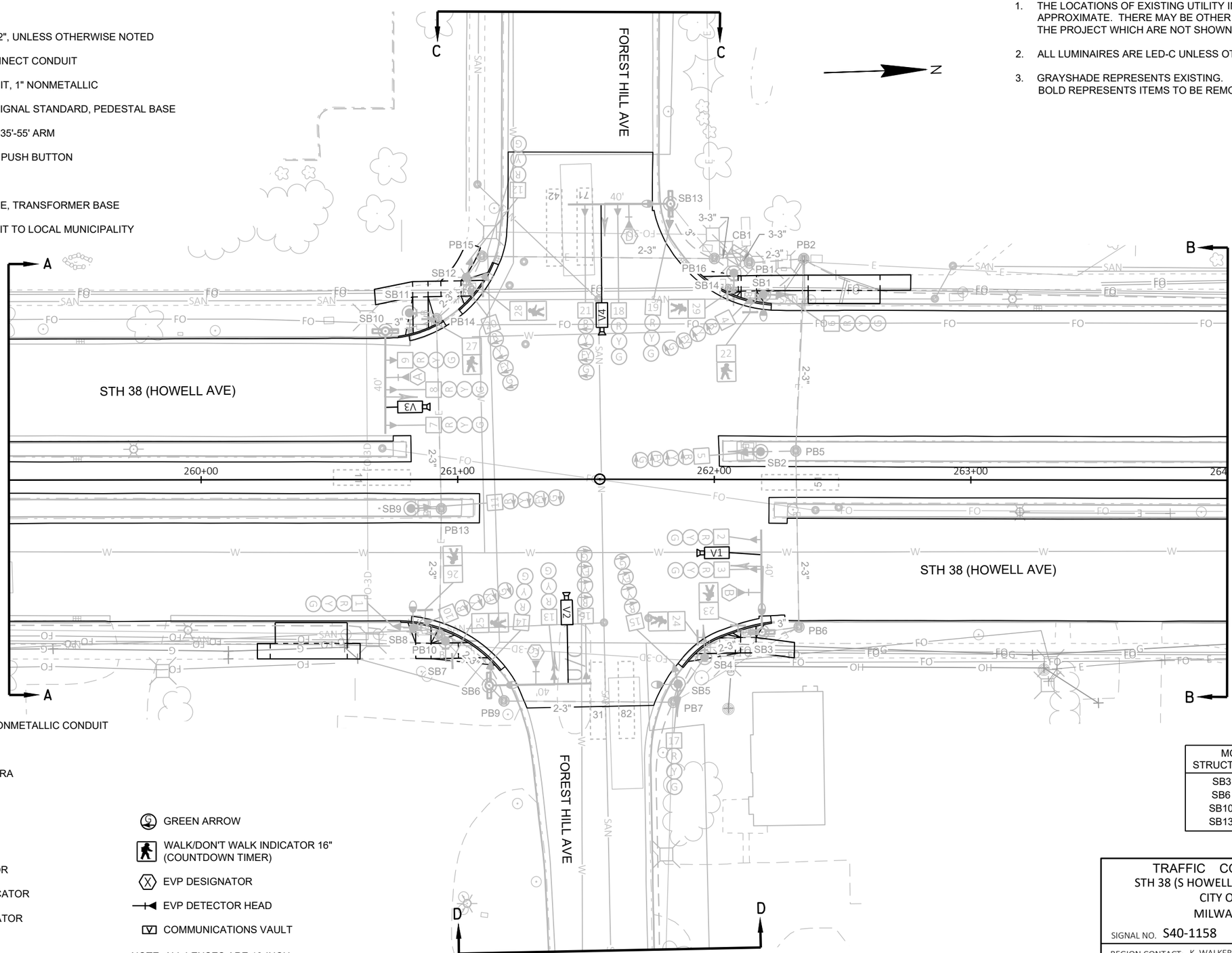
2

LEGEND

- CONTROL CABINET
- NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED
- NONMETALLIC INTERCONNECT CONDUIT
- LOOP DETECTOR CONDUIT, 1" NONMETALLIC
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX') MONOTUBE BASE, POLE, 35'-55' ARM
- B PEDESTRIAN HEAD WITH PUSH BUTTON
- B PUSH BUTTON
- LUMINAIRE, TRAFFIC POLE, TRANSFORMER BASE
- LUMINAIRE UNDER PERMIT TO LOCAL MUNICIPALITY

CONSTRUCTION NOTES:

1. THE LOCATIONS OF EXISTING UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT WHICH ARE NOT SHOWN.
2. ALL LUMINAIRES ARE LED-C UNLESS OTHERWISE NOTED.
3. GRAYSHADE REPRESENTS EXISTING.
   BOLD REPRESENTS ITEMS TO BE REMOVED.



LOOP DETECTOR IN 1" NONMETALLIC CONDUIT
VIDEO DETECTION AREA
XX VIDEO DETECTION CAMERA
PULL BOX, 24" X 36"
PULL BOX, 24" X 42"
XX SIGNAL HEAD NUMBER
R RED CIRCULAR INDICATOR
Y YELLOW CIRCULAR INDICATOR
G GREEN CIRCULAR INDICATOR
R RED ARROW
EV Y YELLOW ARROW

G GREEN ARROW
WALK/DON'T WALK INDICATOR 16" (COUNTDOWN TIMER)
X EVP DESIGNATOR
EVP DETECTOR HEAD
V COMMUNICATIONS VAULT

NOTE: ALL LENSES ARE 12-INCH
GRAYSHADE REPRESENTS EXISTING

MONOTUBE STRUCTURE NUMBERS
SB3 = S-40-1411
SB6 = S-40-1412
SB10 = S-40-1413
SB13 = S-40-1414

TRAFFIC CONTROL SIGNAL
STH 38 (S HOWELL AVE) & FOREST HILL AVE
CITY OF OAK CREEK
MILWAUKEE COUNTY

SIGNAL NO. S40-1158

REGION CONTACT: K. WALKER
DESIGNED BY:
REVISED BY: TADI

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC SIGNAL REMOVAL PLAN	SHEET 289	E

FILE NAME : Z:\SHARED\WI\3035 STH 100 AND STH 38 SIGNALS\CAD\STH 38\EXISTING\S40-1158_REM_FORESTHILL_2060-20-70.DWG
LAYOUT NAME - S40-1158_rem_pg1
PLOT DATE : 10/21/2025 8:40 AM PLOT BY : DERRIN WOLFORD PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

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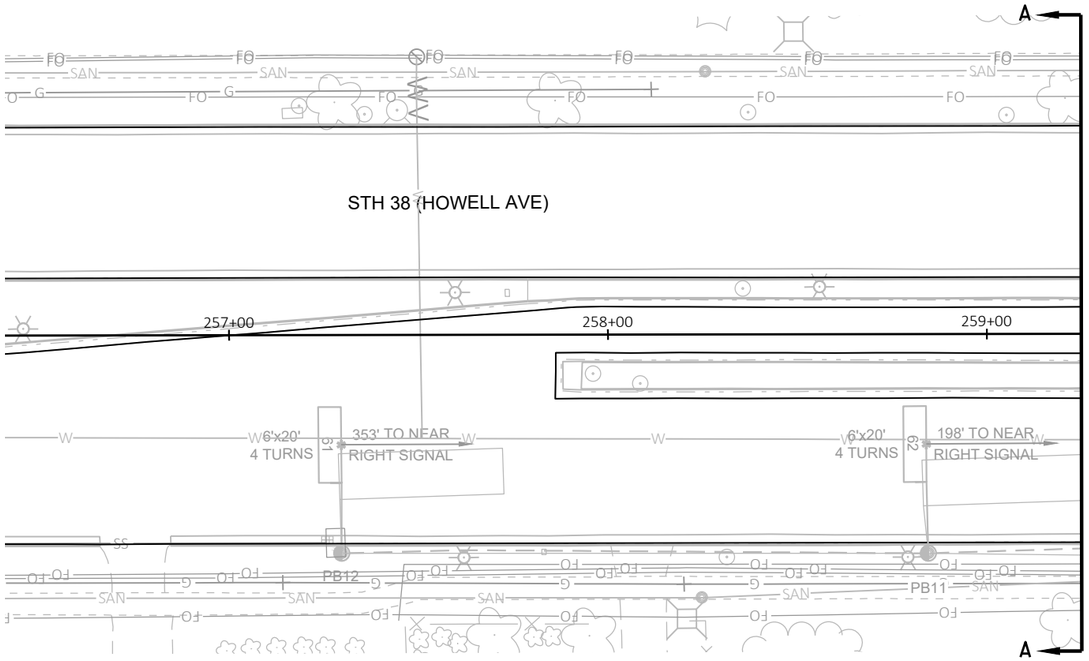
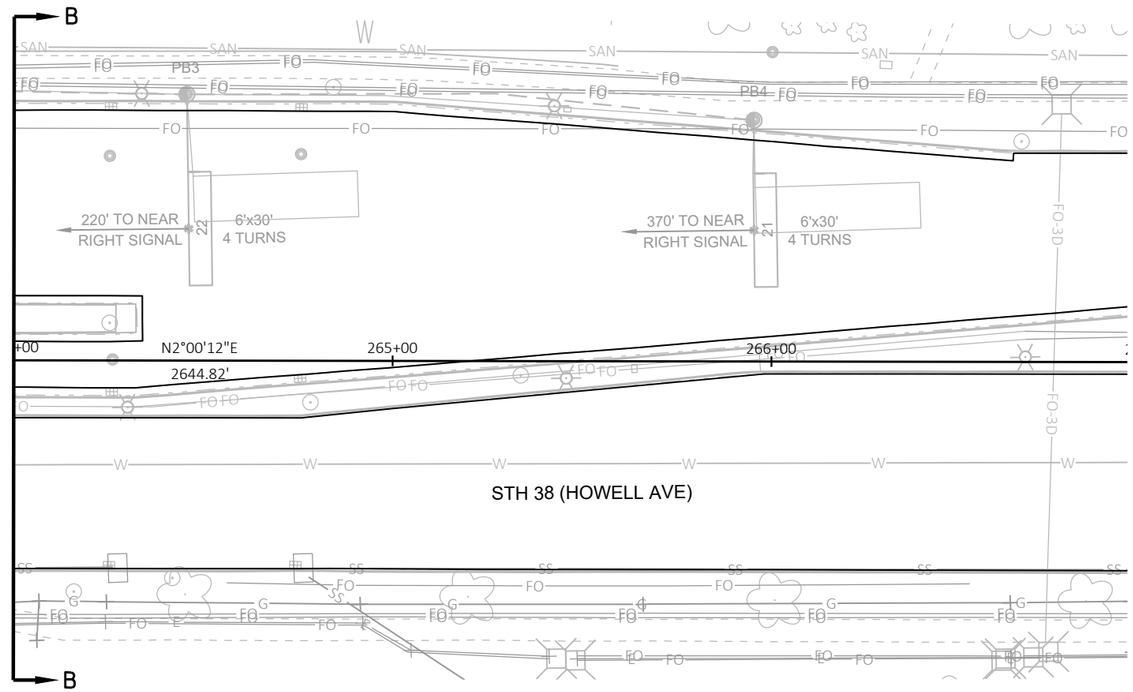




TRAFFIC CONTROL SIGNAL
STH 38 (S HOWELL AVE) & FOREST HILL AVE
CITY OF OAK CREEK
MILWAUKEE COUNTY

SIGNAL NO. S40-1158

REGION CONTACT: K. WALKER
DESIGNED BY:
REVISED BY: TADI

PAGE 2 OF 3

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC SIGNAL REMOVAL PLAN	SHEET 290	E

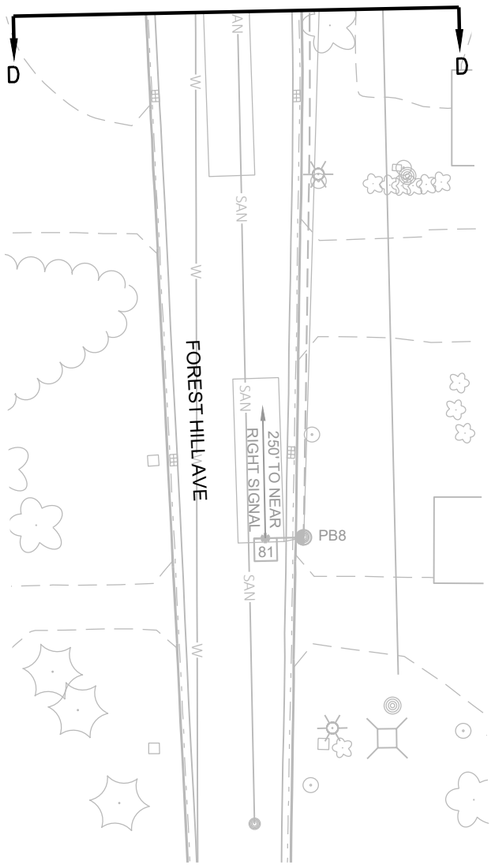
FILE NAME : Z:\SHARED\WI\3035 STH 100 AND STH 38 SIGNALS\CAD\STH 38\EXISTING\S40-1158_REM_FORESTHILL_2060-20-70.DWG
LAYOUT NAME - S40-1158_rem_pg2

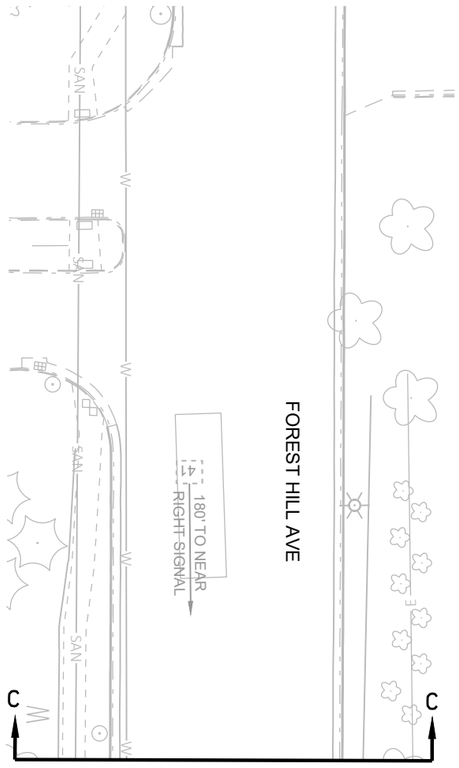
PLOT DATE : 10/21/2025 8:41 AM PLOT BY : DERRIN WOLFORD PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

N





TRAFFIC CONTROL SIGNAL
STH 38 (S HOWELL AVE) & FOREST HILL AVE
CITY OF OAK CREEK
MILWAUKEE COUNTY

SIGNAL NO. S40-1158

REGION CONTACT: K. WALKER
DESIGNED BY:
REVISED BY: TADI

PAGE 3 OF 3

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC SIGNAL REMOVAL PLAN	SHEET 291	E

FILE NAME : Z:\SHARED\WI\3035 STH 100 AND STH 38 SIGNALS\CAD\STH 38\EXISTING\S40-1158_REM_FORESTHILL_2060-20-70.DWG
LAYOUT NAME - S40-1158_rem_pg3

PLOT DATE : 10/21/2025 8:41 AM PLOT BY : DERRIN WOLFORD PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

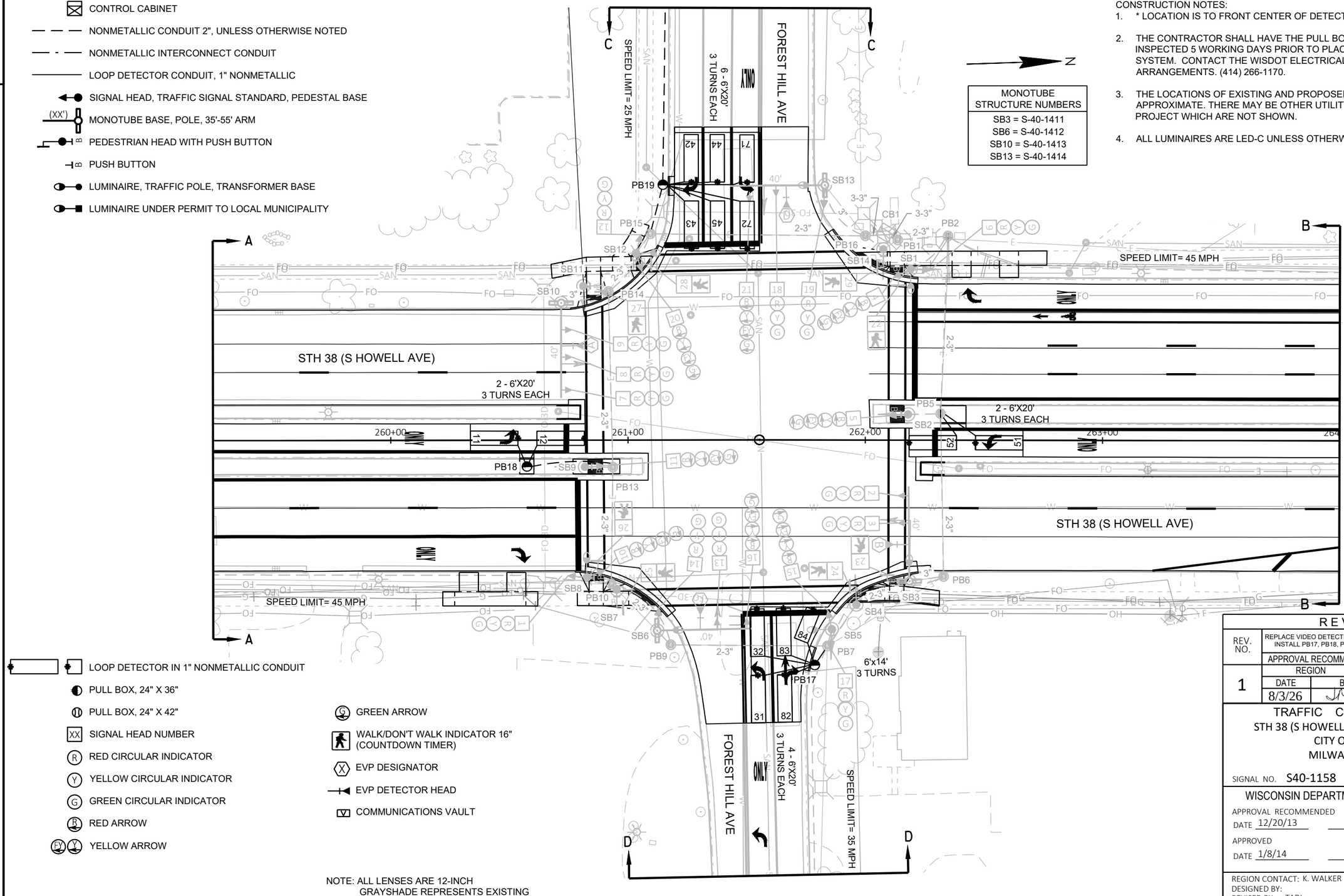
LEGEND

- CONTROL CABINET
- NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED
- NONMETALLIC INTERCONNECT CONDUIT
- LOOP DETECTOR CONDUIT, 1" NONMETALLIC
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX') MONOTUBE BASE, POLE, 35'-55' ARM
- PEDESTRIAN HEAD WITH PUSH BUTTON
- PUSH BUTTON
- LUMINAIRE, TRAFFIC POLE, TRANSFORMER BASE
- LUMINAIRE UNDER PERMIT TO LOCAL MUNICIPALITY

CONSTRUCTION NOTES:

1. * LOCATION IS TO FRONT CENTER OF DETECTOR LOOP.
2. THE CONTRACTOR SHALL HAVE THE PULL BOXES AND CONDUIT RUNS INSPECTED 5 WORKING DAYS PRIOR TO PLACING SIGNAL CABLE INTO SYSTEM. CONTACT THE WISDOT ELECTRICAL FIELD UNIT TO MAKE ARRANGEMENTS. (414) 266-1170.
3. THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT WHICH ARE NOT SHOWN.
4. ALL LUMINAIRES ARE LED-C UNLESS OTHERWISE NOTED.

MONOTUBE STRUCTURE NUMBERS
SB3 = S-40-1411
SB6 = S-40-1412
SB10 = S-40-1413
SB13 = S-40-1414



LOOP DETECTOR IN 1" NONMETALLIC CONDUIT
PULL BOX, 24" X 36"
PULL BOX, 24" X 42"
XX SIGNAL HEAD NUMBER
R RED CIRCULAR INDICATOR
Y YELLOW CIRCULAR INDICATOR
G GREEN CIRCULAR INDICATOR
R RED ARROW
EY Y YELLOW ARROW

G GREEN ARROW
WALK/DON'T WALK INDICATOR 16" (COUNTDOWN TIMER)
X EVP DESIGNATOR
EVP DETECTOR HEAD
V COMMUNICATIONS VAULT

NOTE: ALL LENSES ARE 12-INCH
GRAYSHADE REPRESENTS EXISTING

REVISION				
REV. NO.	REPLACE VIDEO DETECTION ZONES 11, 31, 41, 42, 51, 71, 82 WITH LOOPS; INSTALL PB17, PB18, PB19, PB20; UPDATE DETECTOR LOGIC TABLE			
	APPROVAL RECOMMENDED		APPROVED	
	REGION		CENTRAL OFFICE	
	DATE	BY	DATE	BY
1	8/3/26	JMM	8/6/26	JRI

TRAFFIC CONTROL SIGNAL
STH 38 (S HOWELL AVE) & FOREST HILL AVE
CITY OF OAK CREEK
MILWAUKEE COUNTY

SIGNAL NO. S40-1158
CABINET TYPE: TS2-S
CONTROLLER TYPE: ECONOLITE

WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVAL RECOMMENDED
DATE 12/20/13 — MITZI M. DOBERSEK, REGION TRAFFIC ENGINEER

APPROVED
DATE 1/8/14 — JOANNA L. BUSH, STATE TRAFFIC ENGINEER

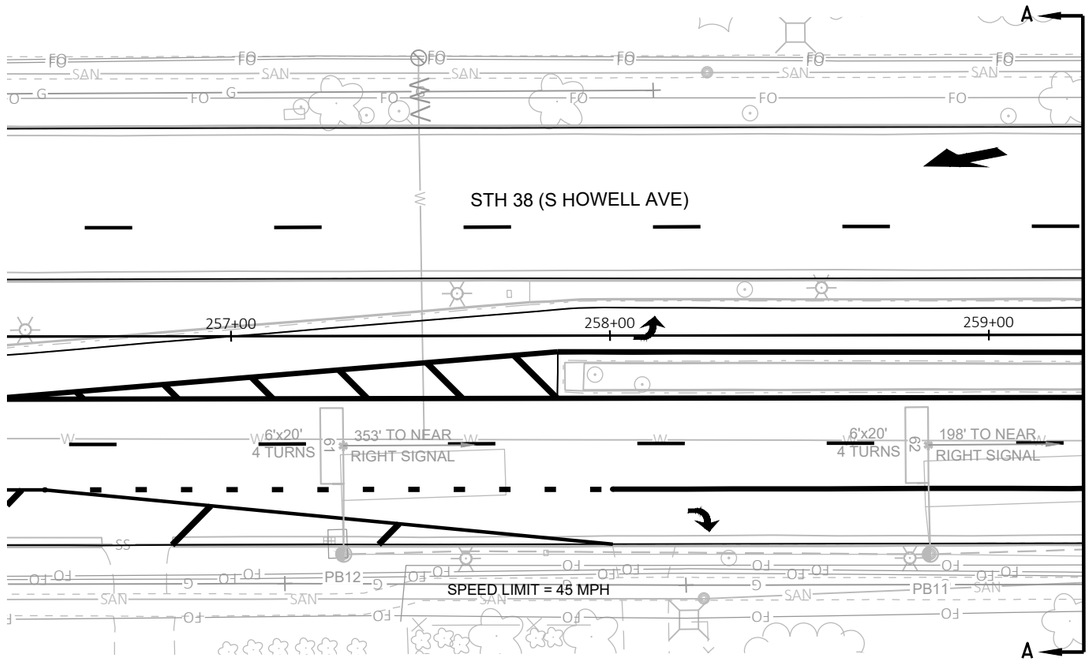
REGION CONTACT: K. WALKER
DESIGNED BY:
REVISED BY: TADI

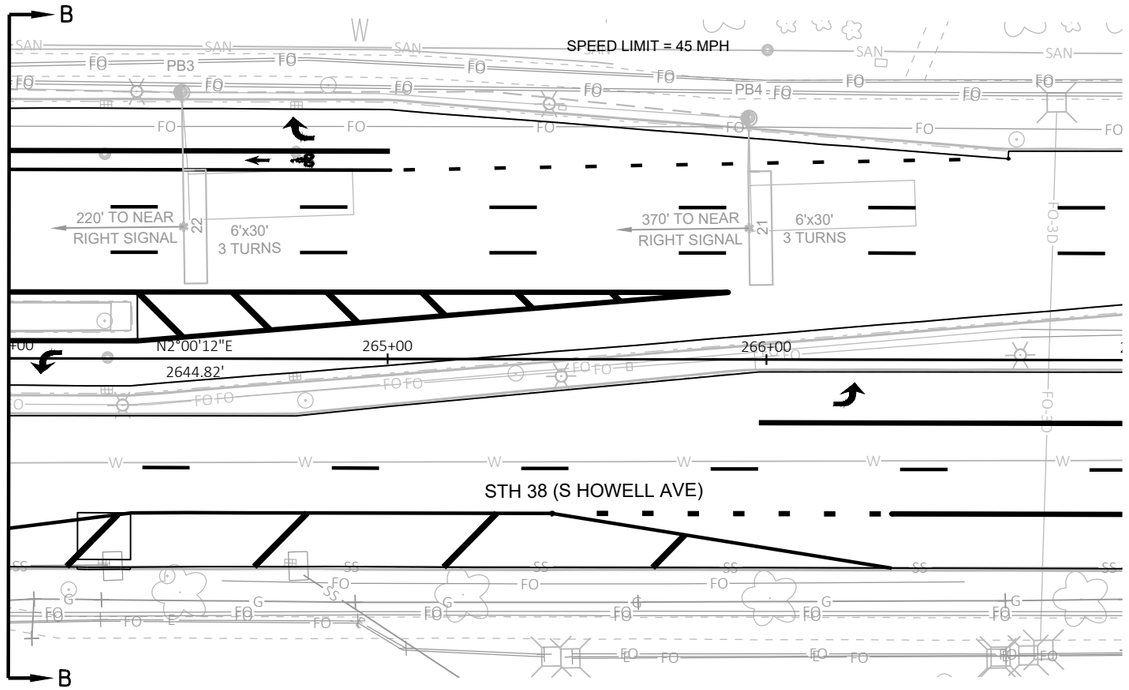
PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC SIGNAL PLAN	SHEET 292	E

FILE NAME : Z:\SHARED\WI\3035 STH 100 AND STH 38 SIGNALS\CAD\STH 38\S40-1158_FORESTHILL.DWG
LAYOUT NAME - S40-1158_R1_pg1
PLOT DATE : 7/17/2026 1:53 PM
PLOT BY : DERRIN WOLFORD
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

2

N





TRAFFIC CONTROL SIGNAL
STH 38 (S HOWELL AVE) & FOREST HILL AVE
CITY OF OAK CREEK
MILWAUKEE COUNTY

SIGNAL NO. S40-1158

REGION CONTACT: K. WALKER
DESIGNED BY:
REVISED BY: TADI

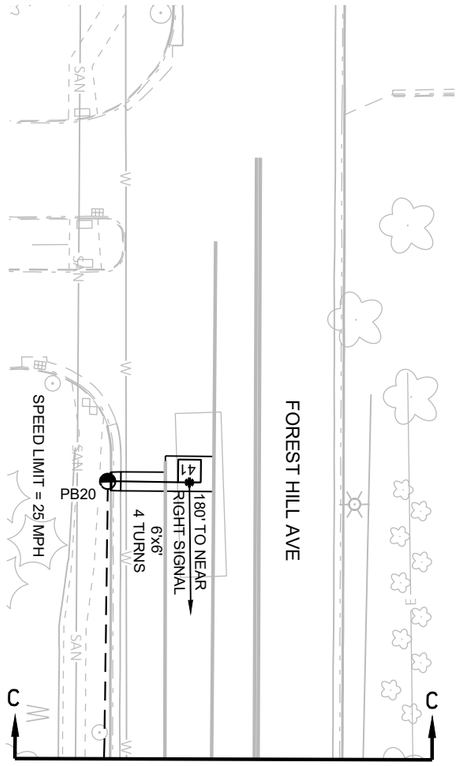
PAGE 2 OF 4

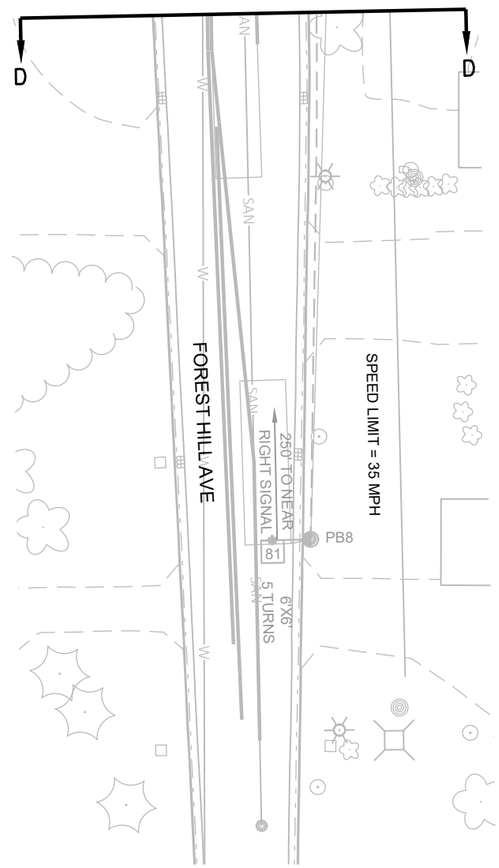
PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC SIGNAL PLAN	SHEET 293	E

FILE NAME : Z:\SHARED\WI\3035 STH 100 AND STH 38 SIGNALS\CAD\STH 38\S40-1158_FORESTHILL.DWG
LAYOUT NAME - S40-1158_R1_pg2

PLOT DATE : 1/12/2026 4:21 PM PLOT BY : DERRIN WOLFORD PLOT NAME : PLOT SCALE : 1 IN:40 FT

2





TRAFFIC CONTROL SIGNAL
STH 38 (S HOWELL AVE) & FOREST HILL AVE
CITY OF OAK CREEK
MILWAUKEE COUNTY

SIGNAL NO. S40-1158

REGION CONTACT: K. WALKER
DESIGNED BY:
REVISED BY: TADI

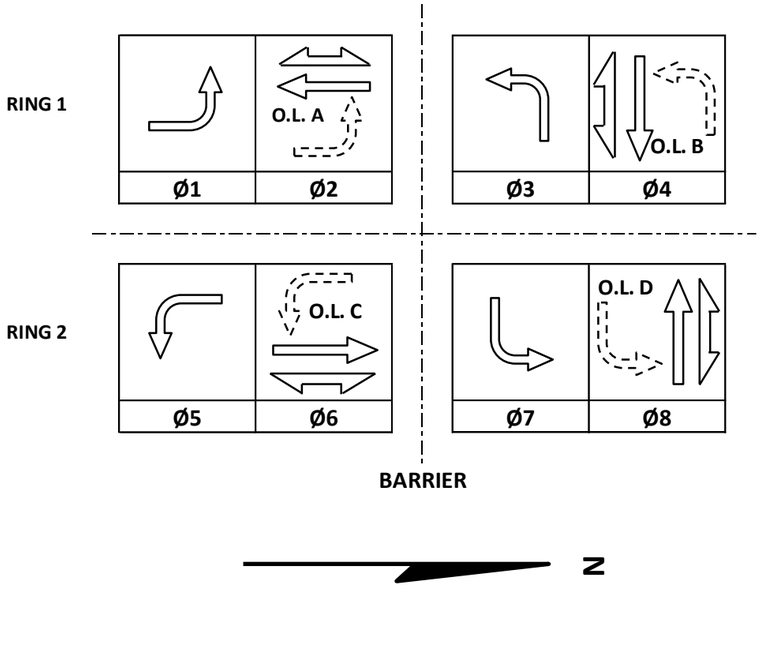
PAGE 3 OF 4

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC SIGNAL PLAN	SHEET 294	E

FILE NAME : Z:\SHARED\WI\3035 STH 100 AND STH 38 SIGNALS\CAD\STH 38\S40-1158_FORESTHILL.DWG
LAYOUT NAME - S40-1158_R1_pg3

PLOT DATE : 1/12/2026 4:03 PM PLOT BY : DERRIN WOLFORD PLOT NAME : PLOT SCALE : 1 IN:40 FT

	HEAD NUMBERS	FLASH
Ø1	4,5	-
Ø2	6,7,8,9	R
Ø3	20,21	-
Ø4	12,13,14	R
Ø5	10,11	-
Ø6	1,2,3	R
Ø7	15,16	-
Ø8	17,18,19	R
Ø2P	28,29	
Ø4P	26,27	
Ø6P	24,25	
Ø8P	22,23	
OLA	4,5	R ←
OLB	20,21	R ←
OLC	10,11	R ←
OLD	15,16	R ←



CONTROLLER LOGIC

PHASE NUMBER	PHASE LOCKING	DUAL ENTRY W / Ø	PHASE RECALL	PHASE ACTIVE
1		6		X
2	X	6	MIN	X
3		8		X
4		8		X
5		2		X
6	X	2	MIN	X
7		4		X
8		4		X

EMERGENCY VEHICLE PREEMPTION SEQUENCE

EMERGENCY VEHICLE PREEMPTOR	A	B	C	D
MOVEMENT				
PHASE	2+5	6+1	4+7	8+3

AFTER PREEMPTION SEQUENCE 2+5 OR 6+1, CONTROLLER SHALL RETURN TO PHASES 2+6.
AFTER PREEMPTION SEQUENCE 4+7 OR 8+3, CONTROLLER SHALL RETURN TO PHASES 4+8.

TYPE OF INTERCONNECT/COMMUNICATION	
NONE	
CLOSED LOOP	
TWISTED PAIR	
FIBER OPTIC*	
FIBER OPTIC (ETHERNET)	X
RADIO	
CELL MODEM	

TYPE OF COORDINATION	
NONE	
TBC	X
TRAFFIC RESPONSIVE	X
ADAPTIVE	
*LOCATION OF MASTER CONTROLLER NO: S-	
SIGNAL SYSTEM NO: SS-	

TYPE OF LIGHTING	
BY OTHER AGENCY	
IN TRAFFIC CABINET	X
IN SEPARATE DOT LIGHTING CABINET	

TYPE OF PRE-EMPT	
NONE	
RAILROAD	
EMERGENCY VEHICLE	X
GTT	X
TOMAR	
HARDWIRE	
OTHER	
CONFIRMATION LIGHTS	
LIFT BRIDGE	
QUEUE DETECTION	

DETECTOR LOGIC

DETECTOR INPUT	3	1	7	5	11	9	15	13	19	17	23	21	27	25	31	29	DETECTOR INPUT
PLAN LOOP DETECTOR*(S)	11	21	31	41	43	45	52	62	72	82	84						PLAN LOOP DETECTOR*(S)
CALLED PHASE	1	2	3	4	4	4	5	6	7	8	8						CALLED PHASE
CALL OPTION	X	X	X		X	X	X	X	X	X	X						CALL OPTION
DELAY TIME					X				X	X	X						DELAY TIME
EXTENTION OPTION	X	X	X	X	X	X	X	X	X	X	X						EXTENTION OPTION
EXTEND TIME				X													EXTEND TIME
USE ADDED INITIAL		X						X									USE ADDED INITIAL
CROSS SWITCH PHASE	2		4				6		8								CROSS SWITCH PHASE

DETECTOR INPUT	4	2	8	6	12	10	16	14	20	18	24	22	28	26	32	30	DETECTOR INPUT
PLAN LOOP DETECTOR*(S)	12	22	32	42	44	51	61	71	81	83							PLAN LOOP DETECTOR*(S)
CALLED PHASE	1	2	3	4	4	5	6	7	8	8							CALLED PHASE
CALL OPTION	X	X	X	X	X	X	X	X		X							CALL OPTION
DELAY TIME			X	X						X							DELAY TIME
EXTENTION OPTION	X	X	X	X	X	X	X	X	X	X							EXTENTION OPTION
EXTEND TIME									X								EXTEND TIME
USE ADDED INITIAL		X					X										USE ADDED INITIAL
CROSS SWITCH PHASE	2		4			6		8									CROSS SWITCH PHASE

STH 38 (S HOWELL AVE) & FOREST HILL AVE
CITY OF OAK CREEK
MILWAUKEE COUNTY
SIGNAL NO: S40-1158 CABINET TYPE: TS2-S
CONTROLLER TYPE: ECONOLITE
DATE: 1/26 PAGE NUMBER: 4 OF 4

FILE NAME: \\EgnyteDrive\tadi\Shared\WI\3035 STH 100 and STH 38 Signals\SOO Sheets\STH 38 & Forest Hill_TS2-S_FYA_ABCD_Econolite_SEQ.xlsx PLOT DATE: 1/7/2026 PLOT NAME: STH 38 & Forest Hill_TS2-S_FYA_ABCD_Econolite_SEQ.xlsx PLOT BY: WOLFORD, DERRIN PLOT SCALE: 1:1

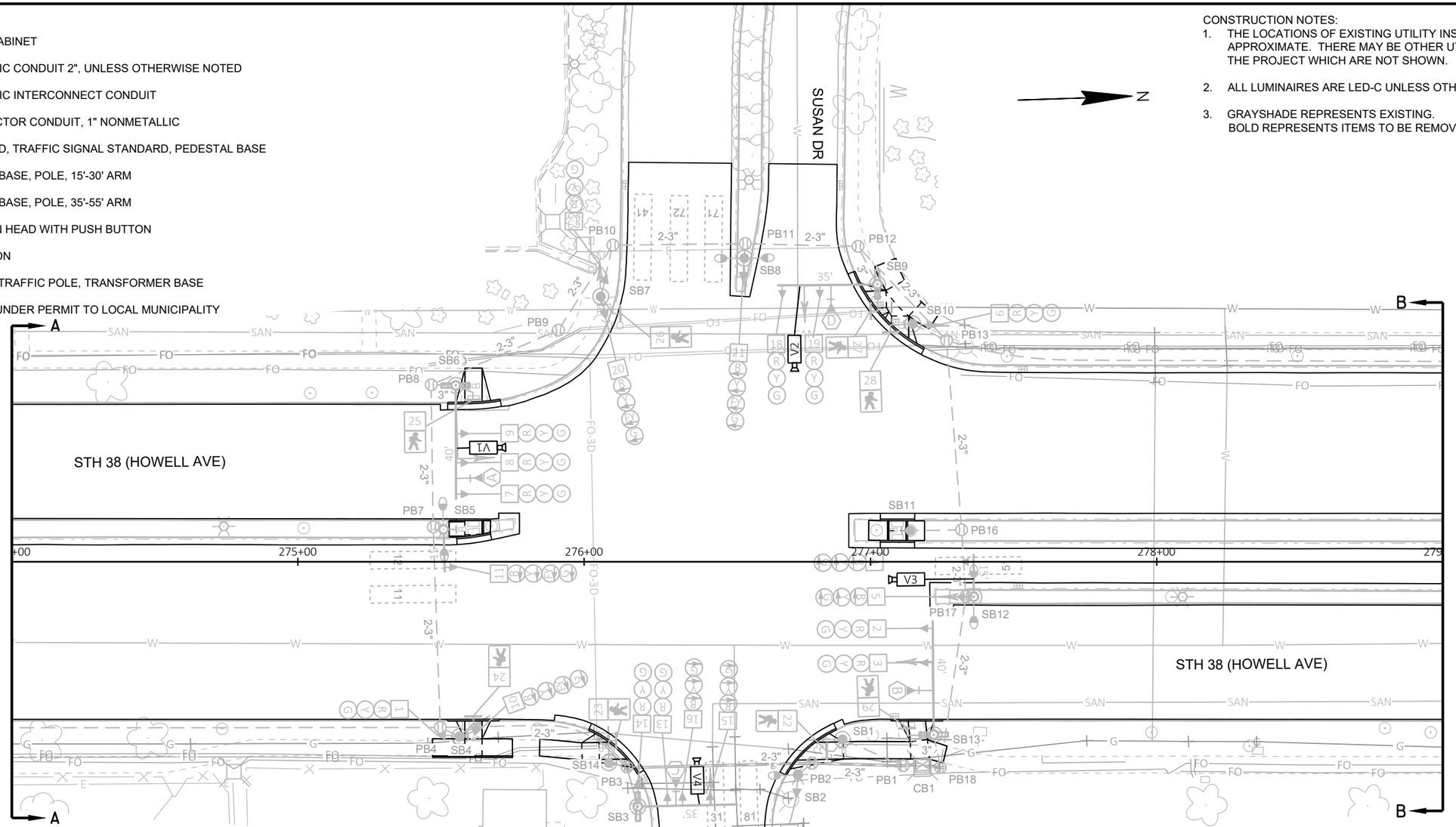
2

LEGEND

- CONTROL CABINET
- NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED
- NONMETALLIC INTERCONNECT CONDUIT
- LOOP DETECTOR CONDUIT, 1" NONMETALLIC
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX') MONOTUBE BASE, POLE, 15'-30' ARM
- (XX') MONOTUBE BASE, POLE, 35'-55' ARM
- PEDESTRIAN HEAD WITH PUSH BUTTON
- PUSH BUTTON
- LUMINAIRE, TRAFFIC POLE, TRANSFORMER BASE
- LUMINAIRE UNDER PERMIT TO LOCAL MUNICIPALITY

CONSTRUCTION NOTES:

1. THE LOCATIONS OF EXISTING UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT WHICH ARE NOT SHOWN.
2. ALL LUMINAIRES ARE LED-C UNLESS OTHERWISE NOTED.
3. GRAYSHADE REPRESENTS EXISTING.
   BOLD REPRESENTS ITEMS TO BE REMOVED.



LOOP DETECTOR IN 1" NONMETALLIC CONDUIT

VIDEO DETECTION AREA

XX VIDEO DETECTION CAMERA

PULL BOX, 24" X 36"

PULL BOX, 24" X 42"

XX SIGNAL HEAD NUMBER

R RED CIRCULAR INDICATOR

Y YELLOW CIRCULAR INDICATOR

G GREEN CIRCULAR INDICATOR

R RED ARROW

FY Y YELLOW ARROW

G GREEN ARROW

WALK/DON'T WALK INDICATOR 16" (COUNTDOWN TIMER)

X EVP DESIGNATOR

EVP DETECTOR HEAD

V COMMUNICATIONS VAULT

NOTE: ALL LENSES ARE 12-INCH
GRAYSHADE REPRESENTS EXISTING

MONOTUBE STRUCTURE NUMBERS
SB3 = S-40-1442
SB5 = S-40-1443
SB6 = S-40-1444
SB9 = S-40-1445
SB12 = S-40-1446
SB13 = S-40-1447

TRAFFIC CONTROL SIGNAL
STH 38 (S HOWELL AVE) & SUSAN DR
CITY OF OAK CREEK
MILWAUKEE COUNTY

SIGNAL NO. S40-1411

REGION CONTACT: K. WALKER
DESIGNED BY:
REVISED BY: TADI

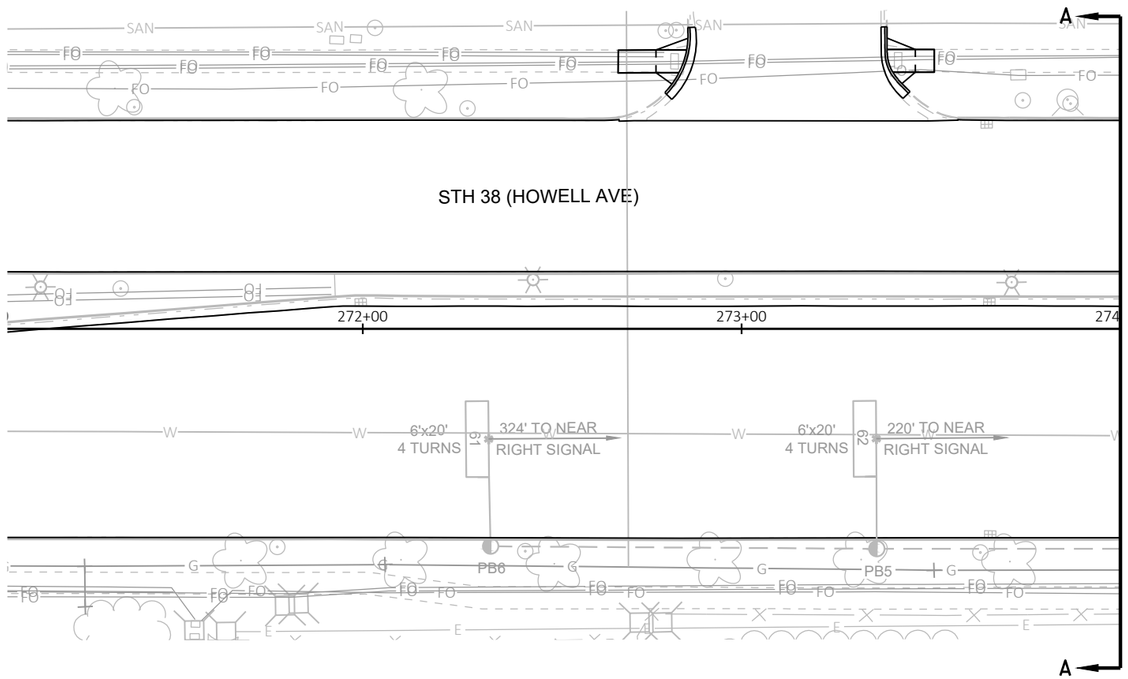
PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC SIGNAL REMOVAL PLAN	SHEET 296	E

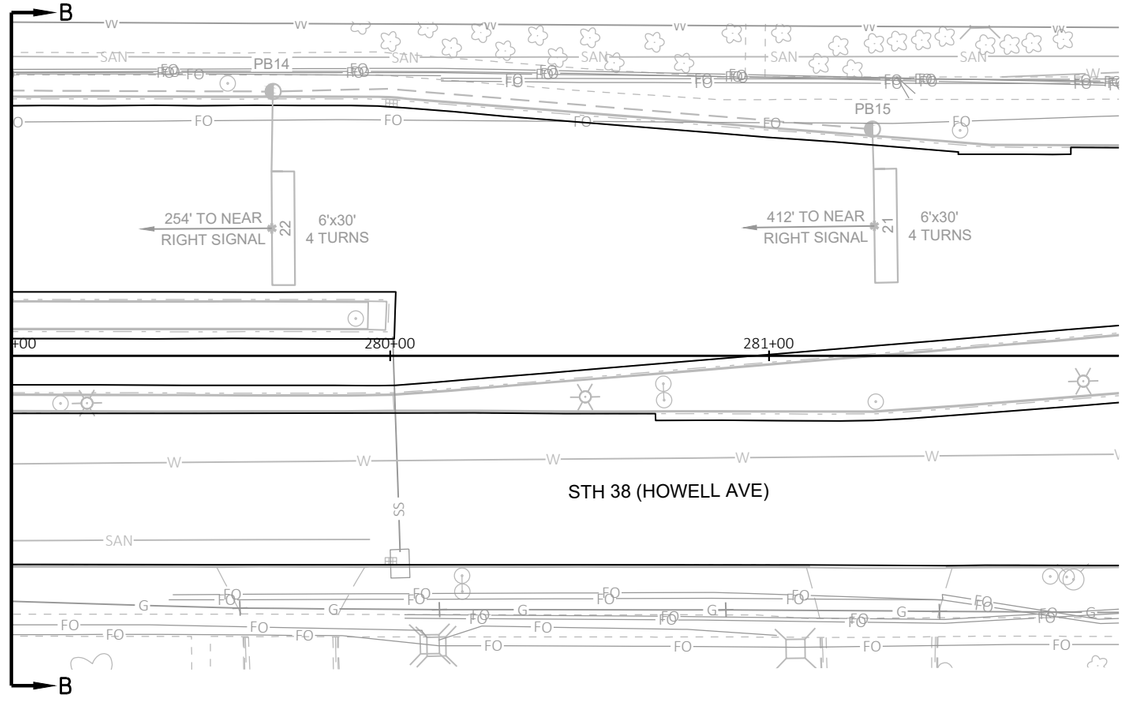
FILE NAME : Z:\SHARED\WI\3035 STH 100 AND STH 38 SIGNALS\CAD\STH 38\EXISTING\S40-1411_REM_SUSAN_2060-20-70.DWG
LAYOUT NAME - S40-1411_rem_pg1

PLOT DATE : 10/21/2025 11:24 AM PLOT BY : DERRIN WOLFORD PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

N





TRAFFIC CONTROL SIGNAL
STH 38 (S HOWELL AVE) & SUSAN DR
CITY OF OAK CREEK
MILWAUKEE COUNTY

SIGNAL NO. S40-1411

REGION CONTACT: K. WALKER
DESIGNED BY:
REVISED BY: TADI

PAGE 2 OF 2

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC SIGNAL REMOVAL PLAN	SHEET 297	E

FILE NAME : Z:\SHARED\WI\3035 STH 100 AND STH 38 SIGNALS\CAD\STH 38\EXISTING\S40-1411_REM_SUSAN_2060-20-70.DWG
LAYOUT NAME - S40-1411_rem_pg2

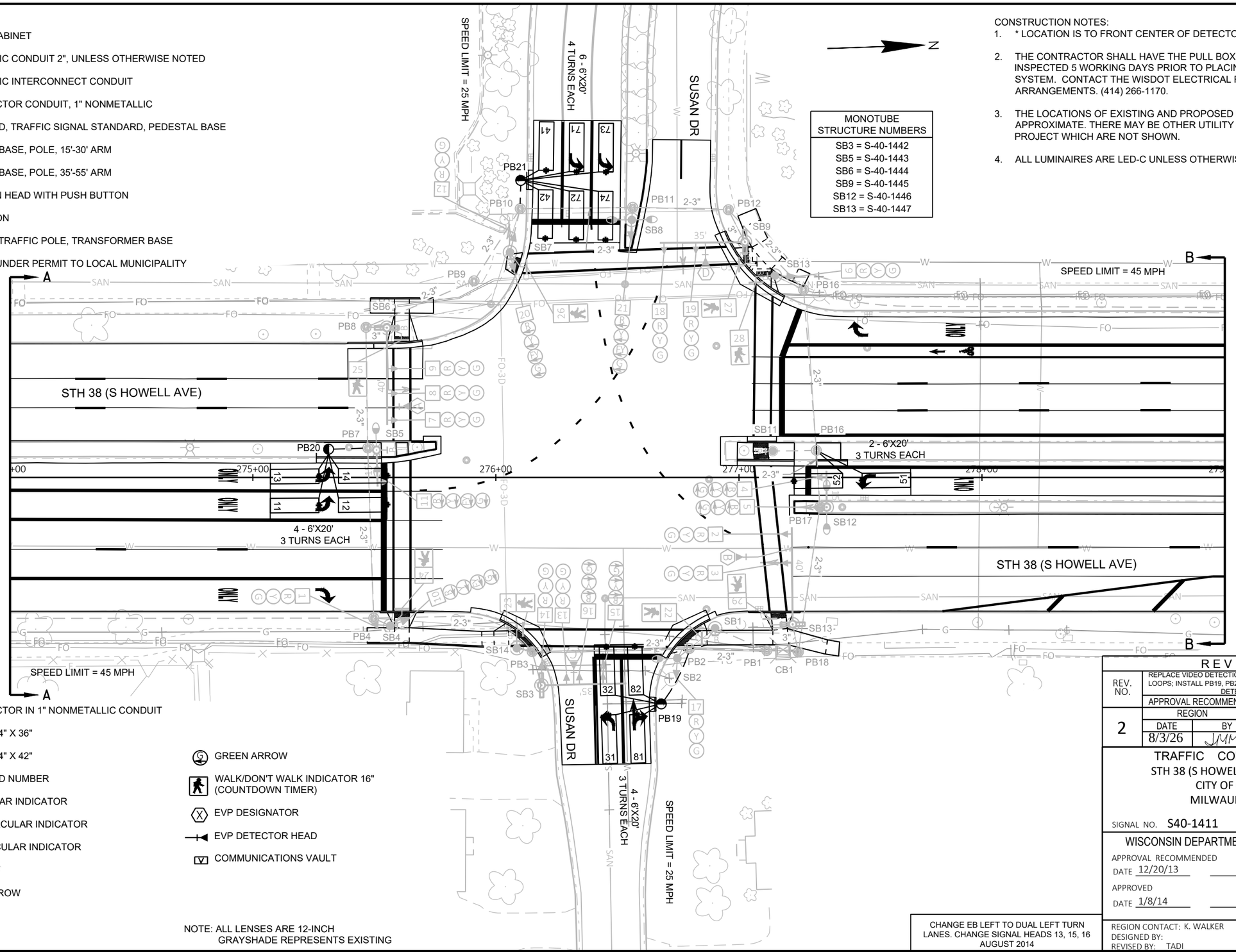
PLOT DATE : 10/21/2025 11:24 AM PLOT BY : DERRIN WOLFORD PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- CONTROL CABINET
- NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED
- NONMETALLIC INTERCONNECT CONDUIT
- LOOP DETECTOR CONDUIT, 1" NONMETALLIC
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX') MONOTUBE BASE, POLE, 15'-30' ARM
- (XX') MONOTUBE BASE, POLE, 35'-55' ARM
- PEDESTRIAN HEAD WITH PUSH BUTTON
- PUSH BUTTON
- LUMINAIRE, TRAFFIC POLE, TRANSFORMER BASE
- LUMINAIRE UNDER PERMIT TO LOCAL MUNICIPALITY



MONOTUBE STRUCTURE NUMBERS
SB3 = S-40-1442
SB5 = S-40-1443
SB6 = S-40-1444
SB9 = S-40-1445
SB12 = S-40-1446
SB13 = S-40-1447

CONSTRUCTION NOTES:

1. * LOCATION IS TO FRONT CENTER OF DETECTOR LOOP.
2. THE CONTRACTOR SHALL HAVE THE PULL BOXES AND CONDUIT RUNS INSPECTED 5 WORKING DAYS PRIOR TO PLACING SIGNAL CABLE INTO SYSTEM. CONTACT THE WISDOT ELECTRICAL FIELD UNIT TO MAKE ARRANGEMENTS. (414) 266-1170.
3. THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT WHICH ARE NOT SHOWN.
4. ALL LUMINAIRES ARE LED-C UNLESS OTHERWISE NOTED.

- LOOP DETECTOR IN 1" NONMETALLIC CONDUIT
- PULL BOX, 24" X 36"
- PULL BOX, 24" X 42"
- XX SIGNAL HEAD NUMBER
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- RA RED ARROW
- YA YELLOW ARROW
- GA GREEN ARROW
- WALK/DON'T WALK INDICATOR 16" (COUNTDOWN TIMER)
- X EVP DESIGNATOR
- EVP DETECTOR HEAD
- COMMUNICATIONS VAULT

NOTE: ALL LENSES ARE 12-INCH
GRAYSHADE REPRESENTS EXISTING

CHANGE EB LEFT TO DUAL LEFT TURN LANES. CHANGE SIGNAL HEADS 13, 15, 16 AUGUST 2014

REVISION

REV. NO.	REPLACE VIDEO DETECTION ZONES 11, 12, 31, 41, 51, 71, 72, 81 WITH LOOPS; INSTALL PB19, PB20, PB21; REPLACE CONTROLLER; UPDATE DETECTOR LOGIC TABLE			
	APPROVAL RECOMMENDED		APPROVED	
2	REGION		CENTRAL OFFICE	
	DATE	BY	DATE	BY
	8/3/26	JMM	8/6/26	JR

TRAFFIC CONTROL SIGNAL
STH 38 (S HOWELL AVE) & SUSAN DR
CITY OF OAK CREEK
MILWAUKEE COUNTY

SIGNAL NO. S40-1411
CABINET TYPE: TS2-S
CONTROLLER TYPE: ECONOLITE

WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVAL RECOMMENDED
DATE 12/20/13 — MITZI M. DOBERSEK, REGION TRAFFIC ENGINEER

APPROVED
DATE 1/8/14 — JOANNA L. BUSH, STATE TRAFFIC ENGINEER

REGION CONTACT: K. WALKER
DESIGNED BY:
REVISED BY: TADI

PAGE 1 OF 3

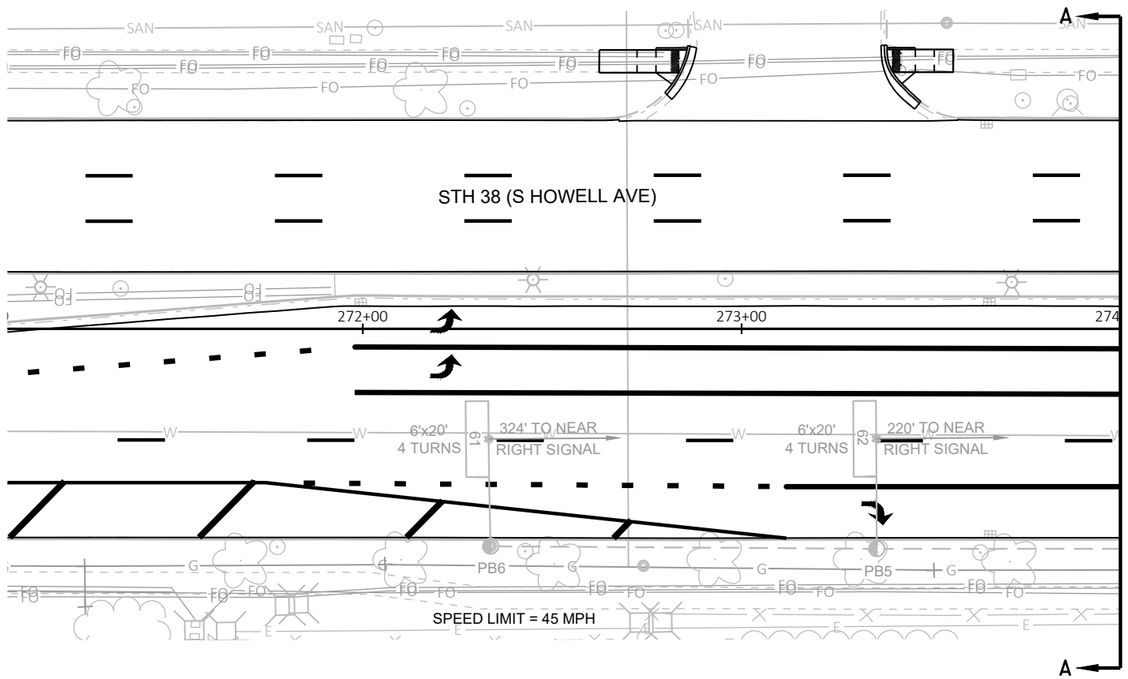
PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC SIGNAL PLAN	SHEET 298	E

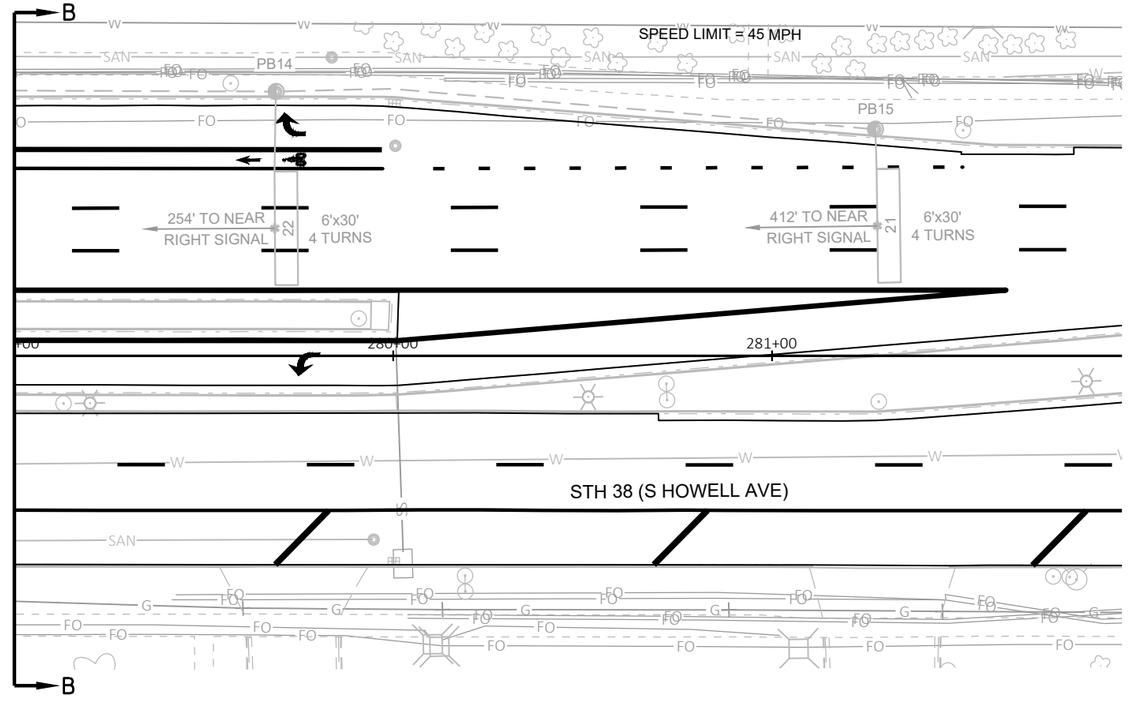
FILE NAME : Z:\SHARED\WI\3035 STH 100 AND STH 38 SIGNALS\CAD\STH 38\S40-1411_SUSAN.DWG
LAYOUT NAME - S40-1411_R2_pg1
PLOT DATE : 7/17/2026 1:58 PM
PLOT BY : DERRIN WOLFORD
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

N





TRAFFIC CONTROL SIGNAL
STH 38 (S HOWELL AVE) & SUSAN DR
CITY OF OAK CREEK
MILWAUKEE COUNTY

SIGNAL NO. S40-1411

REGION CONTACT: K. WALKER
DESIGNED BY:
REVISED BY: TADI

PAGE 2 OF 3

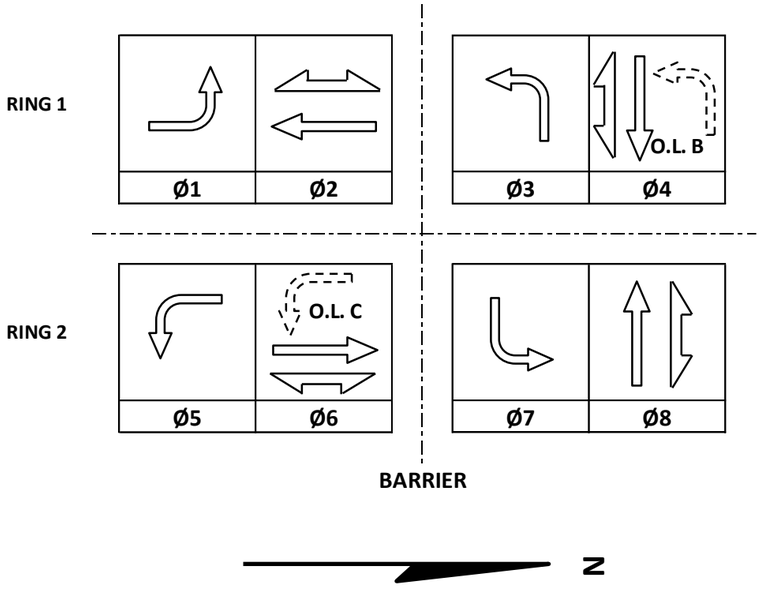
PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC SIGNAL PLAN	SHEET 299	E

FILE NAME : Z:\SHARED\WI\3035 STH 100 AND STH 38 SIGNALS\CAD\STH 38\S40-1411_SUSAN.DWG
LAYOUT NAME - S40-1411_R2_pg2

PLOT DATE : 1/12/2026 4:20 PM PLOT BY : DERRIN WOLFORD PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

	HEAD NUMBERS	FLASH
Ø1	4,5	R ←
Ø2	6,7,8,9	R
Ø3	20,21	-
Ø4	12,13,14	R
Ø5	10,11	-
Ø6	1,2,3	R
Ø7	15,16	R ←
Ø8	17,18,19	R
Ø2P	26,27	
Ø4P	24,25	
Ø6P	22,23	
Ø8P	28,29	
OLA		
OLB	20,21	R ←
OLC	10,11	R ←
OLD		



CONTROLLER LOGIC

PHASE NUMBER	PHASE LOCKING	DUAL ENTRY W / Ø	PHASE RECALL	PHASE ACTIVE
1		6		X
2	X	6	MIN	X
3		8		X
4		8		X
5		2		X
6	X	2	MIN	X
7		4		X
8		4		X

EMERGENCY VEHICLE PREEMPTION SEQUENCE

EMERGENCY VEHICLE PREEMPTOR	A	B	C	D
MOVEMENT	←	→	↓	↑
PHASE	2+5	6+1	4+7	8+3

AFTER PREEMPTION SEQUENCE 2+5 OR 6+1, CONTROLLER SHALL RETURN TO PHASES 2+6.
AFTER PREEMPTION SEQUENCE 4+7 OR 8+3, CONTROLLER SHALL RETURN TO PHASES 4+8.

TYPE OF INTERCONNECT/COMMUNICATION	
NONE	
CLOSED LOOP	
TWISTED PAIR	
FIBER OPTIC*	
FIBER OPTIC (ETHERNET)	X
RADIO	
CELL MODEM	

TYPE OF COORDINATION	
NONE	
TBC	X
TRAFFIC RESPONSIVE	X
ADAPTIVE	
*LOCATION OF MASTER CONTROLLER NO: S-	
SIGNAL SYSTEM NO: SS-	

TYPE OF LIGHTING	
BY OTHER AGENCY	
IN TRAFFIC CABINET	X
IN SEPARATE DOT LIGHTING CABINET	

TYPE OF PRE-EMPT	
NONE	
RAILROAD	
EMERGENCY VEHICLE	X
GTT	X
TOMAR	
HARDWIRE	
OTHER	
CONFIRMATION LIGHTS	
LIFT BRIDGE	
QUEUE DETECTION	

DETECTOR LOGIC

DETECTOR INPUT	3	1	7	5	11	9	15	13	19	17	23	21	27	25	31	29
PLAN LOOP DETECTOR*(S)	11	13	21	31	41	51	61	71	73	81						
CALLED PHASE	1	1	2	3	4	5	6	7	7	3						
CALL OPTION	X	X	X	X	X	X	X	X	X	X						
DELAY TIME					X					X						
EXTENTION OPTION	X	X	X	X	X	X	X	X	X	X						
EXTEND TIME																
USE ADDED INITIAL			X				X									
CROSS SWITCH PHASE				4		6										

DETECTOR INPUT	4	2	8	6	12	10	16	14	20	18	24	22	28	26	32	30
PLAN LOOP DETECTOR*(S)	12	14	22	32	42	52	62	72	74	82						
CALLED PHASE	1	1	2	3	4	5	6	7	7	8						
CALL OPTION	X	X	X	X	X	X	X	X	X	X						
DELAY TIME				X	X					X						
EXTENTION OPTION	X	X	X	X	X	X	X	X	X	X						
EXTEND TIME																
USE ADDED INITIAL			X				X									
CROSS SWITCH PHASE				4		6										

STH 38 (S HOWELL AVE) & SUSAN DR
CITY OF OAK CREEK
MILWAUKEE COUNTY

SIGNAL NO:	S40-1411	CABINET TYPE: TS2-S	
		CONTROLLER TYPE: ECONOLITE	
DATE:	1/26	PAGE NUMBER: 3 OF 3	

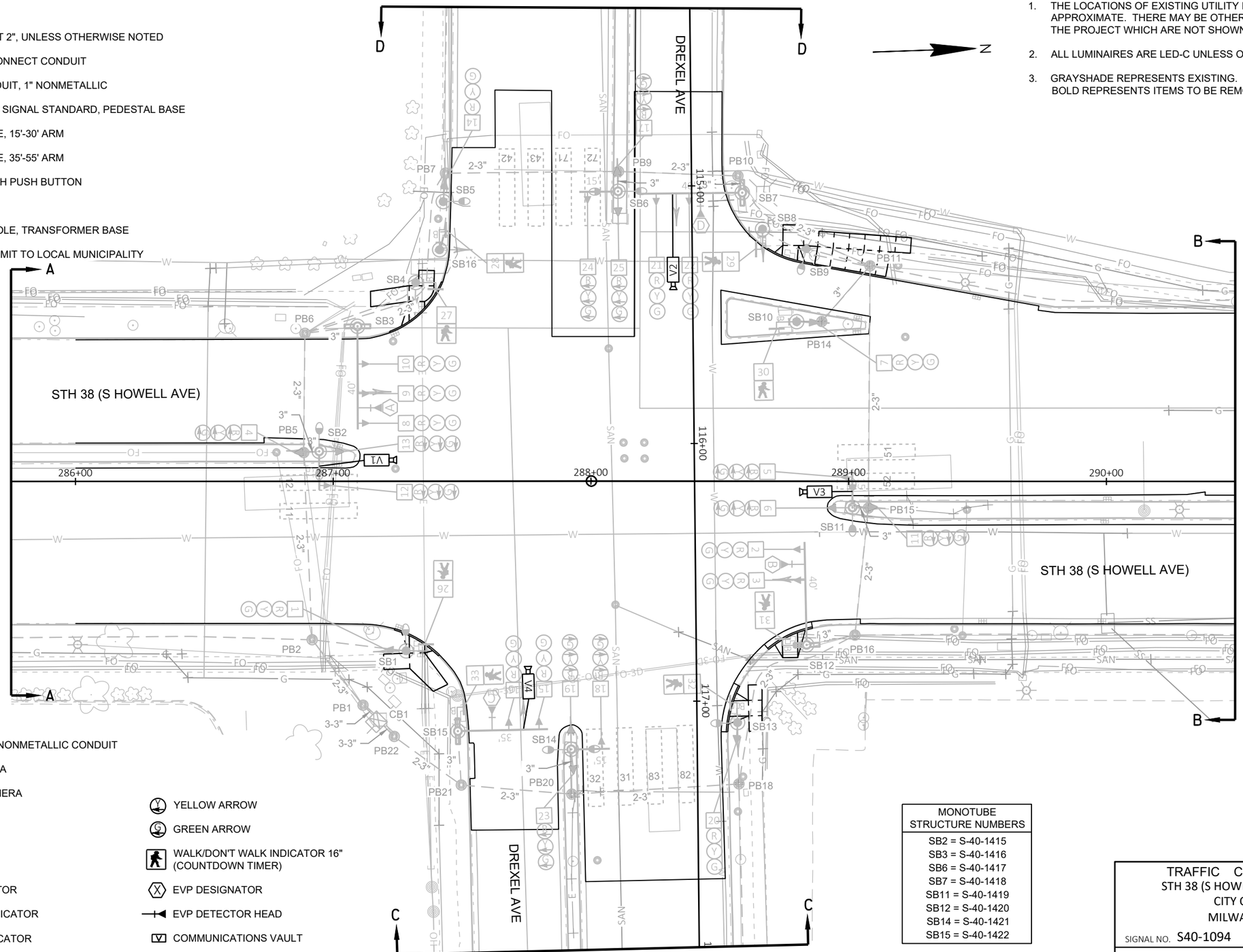
FILE NAME: \\EgnyteDrive\tadi\Shared\WI\3035 STH 100 and STH 38 Signals\SOO Sheets\STH 38 & Susan_TS2-S_FYA_ABCD_Econolite_SEQ.xlsx PLOT DATE: 1/7/2026 PLOT NAME: STH 38 & Susan_TS2-S_FYA_ABCD_Econolite_SEQ.xlsx PLOT BY: WOLFORD, DERRIN PLOT SCALE: 1:1

LEGEND

- CONTROL CABINET
- NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED
- NONMETALLIC INTERCONNECT CONDUIT
- LOOP DETECTOR CONDUIT, 1" NONMETALLIC
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX') MONOTUBE BASE, POLE, 15'-30' ARM
- (XX') MONOTUBE BASE, POLE, 35'-55' ARM
- PEDESTRIAN HEAD WITH PUSH BUTTON
- PUSH BUTTON
- LUMINAIRE, TRAFFIC POLE, TRANSFORMER BASE
- LUMINAIRE UNDER PERMIT TO LOCAL MUNICIPALITY

CONSTRUCTION NOTES:

1. THE LOCATIONS OF EXISTING UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT WHICH ARE NOT SHOWN.
2. ALL LUMINAIRES ARE LED-C UNLESS OTHERWISE NOTED.
3. GRAYSHADE REPRESENTS EXISTING.
   BOLD REPRESENTS ITEMS TO BE REMOVED.



LOOP DETECTOR IN 1" NONMETALLIC CONDUIT

VIDEO DETECTION AREA

XX VIDEO DETECTION CAMERA

PULL BOX, 24" X 36"

PULL BOX, 24" X 42"

XX SIGNAL HEAD NUMBER

R RED CIRCULAR INDICATOR

Y YELLOW CIRCULAR INDICATOR

G GREEN CIRCULAR INDICATOR

R RED ARROW

Y YELLOW ARROW

G GREEN ARROW

WALK/DON'T WALK INDICATOR 16" (COUNTDOWN TIMER)

X EVP DESIGNATOR

EVP DETECTOR HEAD

V COMMUNICATIONS VAULT

NOTE: ALL LENSES ARE 12-INCH
GRAYSHADE REPRESENTS EXISTING

MONOTUBE STRUCTURE NUMBERS
SB2 = S-40-1415
SB3 = S-40-1416
SB6 = S-40-1417
SB7 = S-40-1418
SB11 = S-40-1419
SB12 = S-40-1420
SB14 = S-40-1421
SB15 = S-40-1422

TRAFFIC CONTROL SIGNAL
STH 38 (S HOWELL AVE) & DREXEL AVE
CITY OF OAK CREEK
MILWAUKEE COUNTY

SIGNAL NO. S40-1094

REGION CONTACT: K. WALKER
DESIGNED BY:
REVISED BY: TADI

PAGE 1 OF 3

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC SIGNAL REMOVAL PLAN	SHEET 301	E

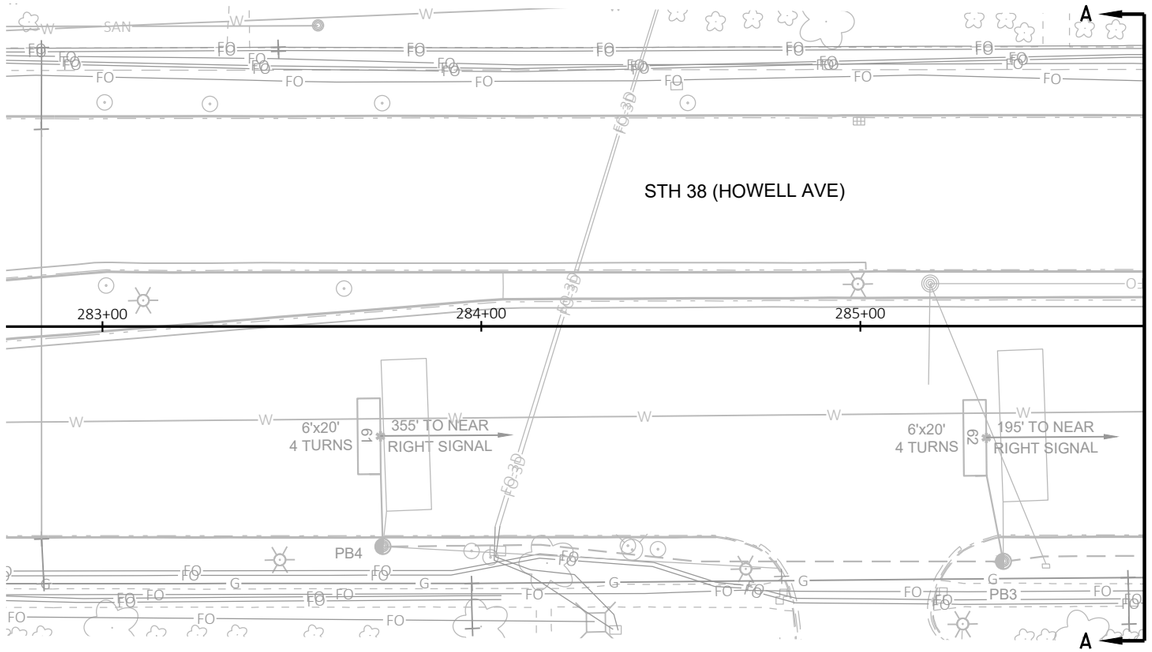
FILE NAME : Z:\SHARED\WI\3035 STH 100 AND STH 38 SIGNALS\CAD\STH 38\EXISTING\S40-1094_REM_DREXEL_2060-20-70.DWG
LAYOUT NAME - S40-1094_rem_pg1

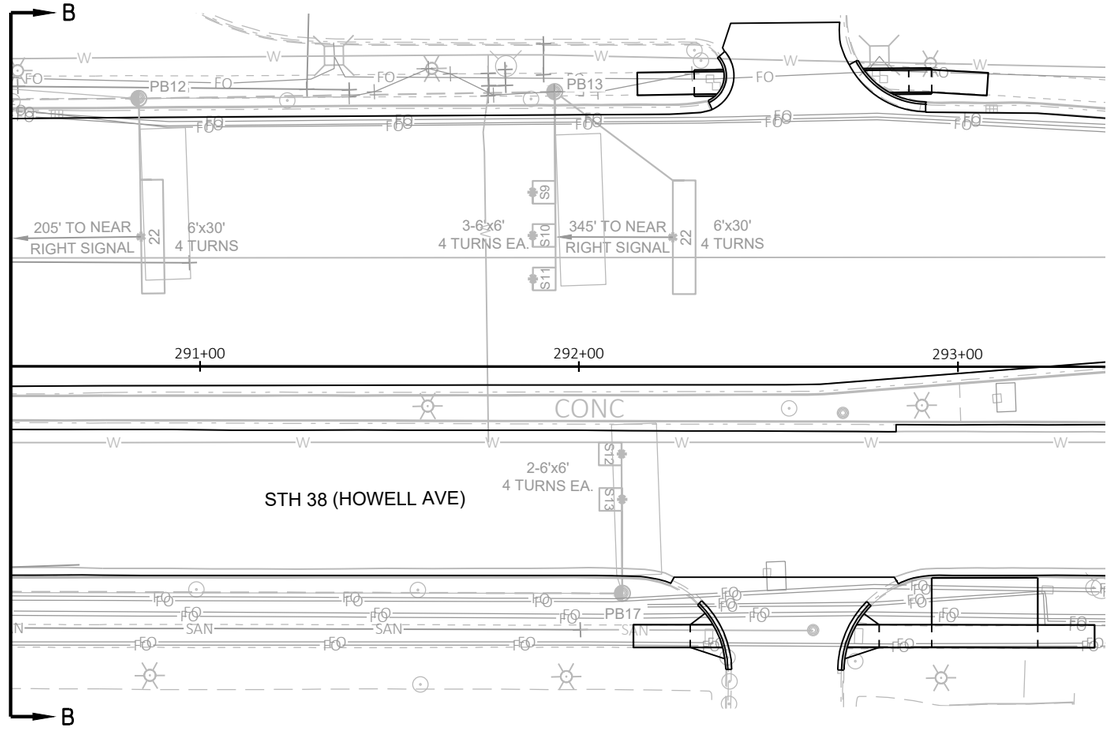
PLOT DATE : 10/21/2025 12:46 PM PLOT BY : DERRIN WOLFORD PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

N





TRAFFIC CONTROL SIGNAL
STH 38 (S HOWELL AVE) & DREXEL AVE
CITY OF OAK CREEK
MILWAUKEE COUNTY

SIGNAL NO. S40-1094

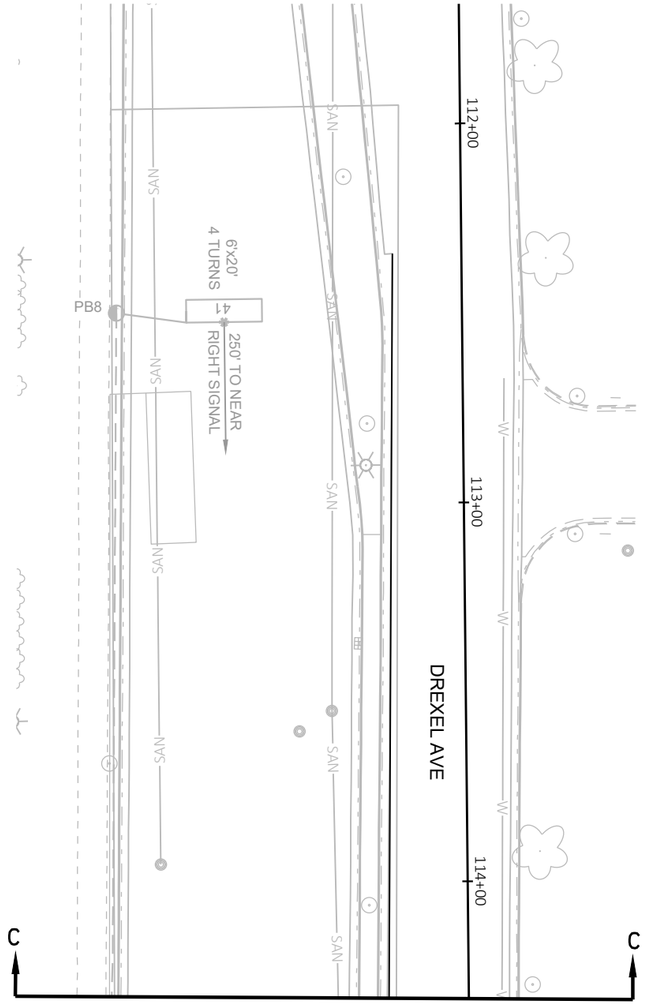
REGION CONTACT: K. WALKER
DESIGNED BY:
REVISED BY: TADI

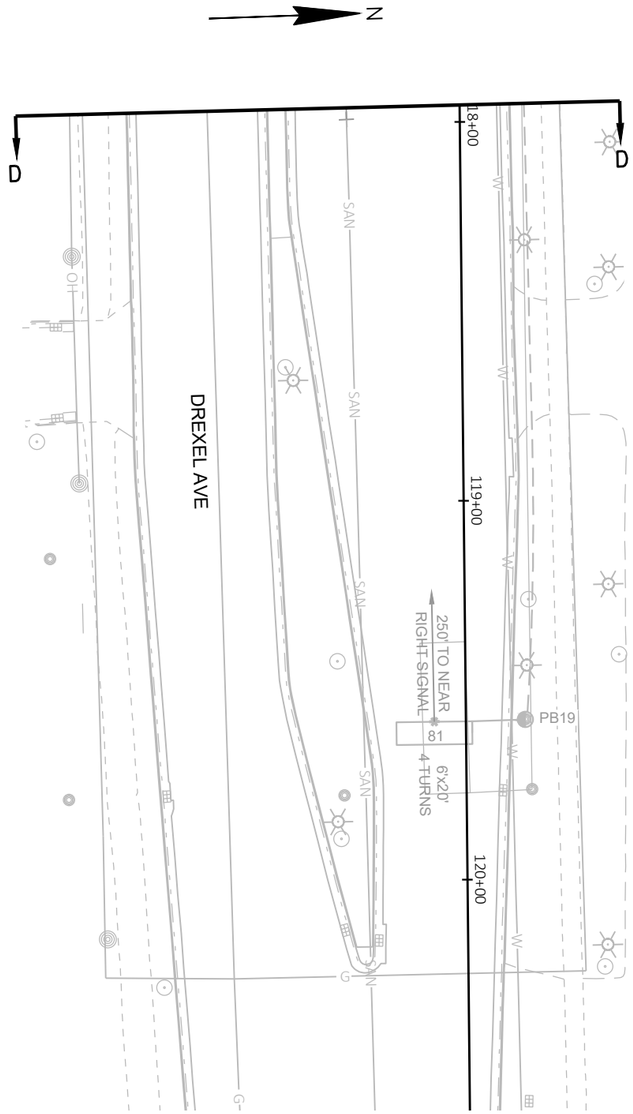
PAGE 2 OF 3

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC SIGNAL REMOVAL PLAN	SHEET 302	E

FILE NAME : Z:\SHARED\WI\3035 STH 100 AND STH 38 SIGNALS\CAD\STH 38\EXISTING\S40-1094_REM_DREXEL_2060-20-70.DWG
LAYOUT NAME - S40-1094_rem_pg2

PLOT DATE : 10/21/2025 12:47 PM PLOT BY : DERRIN WOLFORD PLOT NAME : PLOT SCALE : 1 IN:40 FT





TRAFFIC CONTROL SIGNAL
STH 38 (S HOWELL AVE) & DREXEL AVE
CITY OF OAK CREEK
MILWAUKEE COUNTY

SIGNAL NO. S40-1094

REGION CONTACT: K. WALKER
DESIGNED BY:
REVISED BY: TADI

PAGE 3 OF 3

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC SIGNAL REMOVAL PLAN	SHEET 303	E

FILE NAME : Z:\SHARED\WI\3035 STH 100 AND STH 38 SIGNALS\CAD\STH 38\EXISTING\S40-1094_REM_DREXEL_2060-20-70.DWG
LAYOUT NAME - S40-1094_rem_pg3

PLOT DATE : 10/21/2025 12:47 PM PLOT BY : DERRIN WOLFORD PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

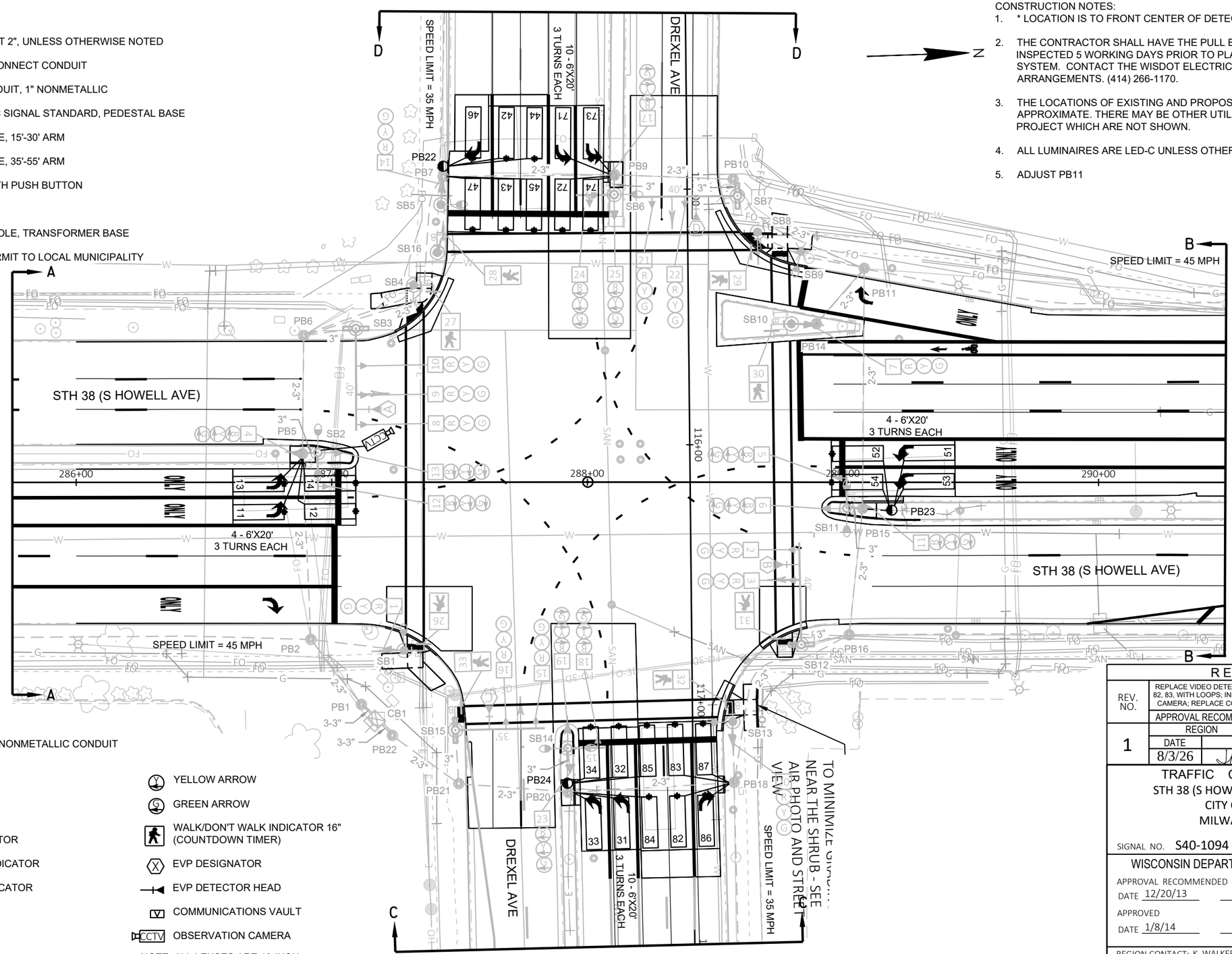
2

LEGEND

- CONTROL CABINET
- NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED
- NONMETALLIC INTERCONNECT CONDUIT
- LOOP DETECTOR CONDUIT, 1" NONMETALLIC
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX') MONOTUBE BASE, POLE, 15'-30' ARM
- (XX') MONOTUBE BASE, POLE, 35'-55' ARM
- PEDESTRIAN HEAD WITH PUSH BUTTON
- PUSH BUTTON
- LUMINAIRE, TRAFFIC POLE, TRANSFORMER BASE
- LUMINAIRE UNDER PERMIT TO LOCAL MUNICIPALITY

CONSTRUCTION NOTES:

1. * LOCATION IS TO FRONT CENTER OF DETECTOR LOOP.
2. THE CONTRACTOR SHALL HAVE THE PULL BOXES AND CONDUIT RUNS INSPECTED 5 WORKING DAYS PRIOR TO PLACING SIGNAL CABLE INTO SYSTEM. CONTACT THE WISDOT ELECTRICAL FIELD UNIT TO MAKE ARRANGEMENTS. (414) 266-1170.
3. THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT WHICH ARE NOT SHOWN.
4. ALL LUMINAIRES ARE LED-C UNLESS OTHERWISE NOTED.
5. ADJUST PB11



MONOTUBE STRUCTURE NUMBERS
SB2 = S-40-1415
SB3 = S-40-1416
SB6 = S-40-1417
SB7 = S-40-1418
SB11 = S-40-1419
SB12 = S-40-1420
SB14 = S-40-1421
SB15 = S-40-1422

- LOOP DETECTOR IN 1" NONMETALLIC CONDUIT
- PULL BOX, 24" X 36"
- PULL BOX, 24" X 42"
- XX SIGNAL HEAD NUMBER
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- R RED ARROW
- Y YELLOW ARROW
- G GREEN ARROW
- WALK/DON'T WALK INDICATOR 16" (COUNTDOWN TIMER)
- X EVP DESIGNATOR
- EVP DETECTOR HEAD
- COMMUNICATIONS VAULT
- CCTV OBSERVATION CAMERA

NOTE: ALL LENSES ARE 12-INCH GRAYSHADE REPRESENTS EXISTING

REVISION

REV. NO.	REPLACE VIDEO DETECTION ZONES 11, 12, 31, 32, 42, 43, 51, 52, 71, 72, 82, 83, WITH LOOPS; INSTALL PB22, PB23, PB24; INSTALL OBSERVATION CAMERA; REPLACE CONTROLLER; UPDATE DETECTOR LOGIC TABLE			
	APPROVAL RECOMMENDED		APPROVED	
	REGION		CENTRAL OFFICE	
	DATE	BY	DATE	BY
1	8/3/26	JMM	8/6/26	JR

TRAFFIC CONTROL SIGNAL
STH 38 (S HOWELL AVE) & DREXEL AVE
CITY OF OAK CREEK
MILWAUKEE COUNTY

SIGNAL NO. S40-1094
CABINET TYPE: TS2-S
CONTROLLER TYPE: ECONOLITE

WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVAL RECOMMENDED
DATE 12/20/13 — MITZI M. DOBERSEK, REGION TRAFFIC ENGINEER

APPROVED
DATE 1/8/14 — JOANNA L. BUSH, STATE TRAFFIC ENGINEER

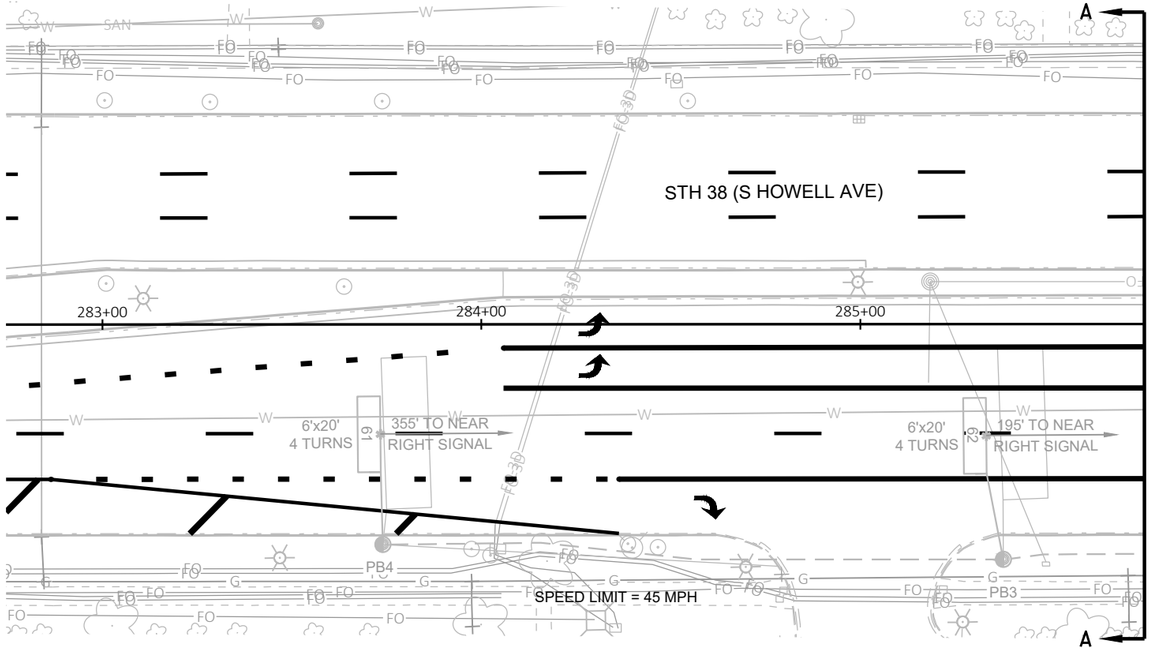
REGION CONTACT: K. WALKER
DESIGNED BY:
REVISED BY: TADI

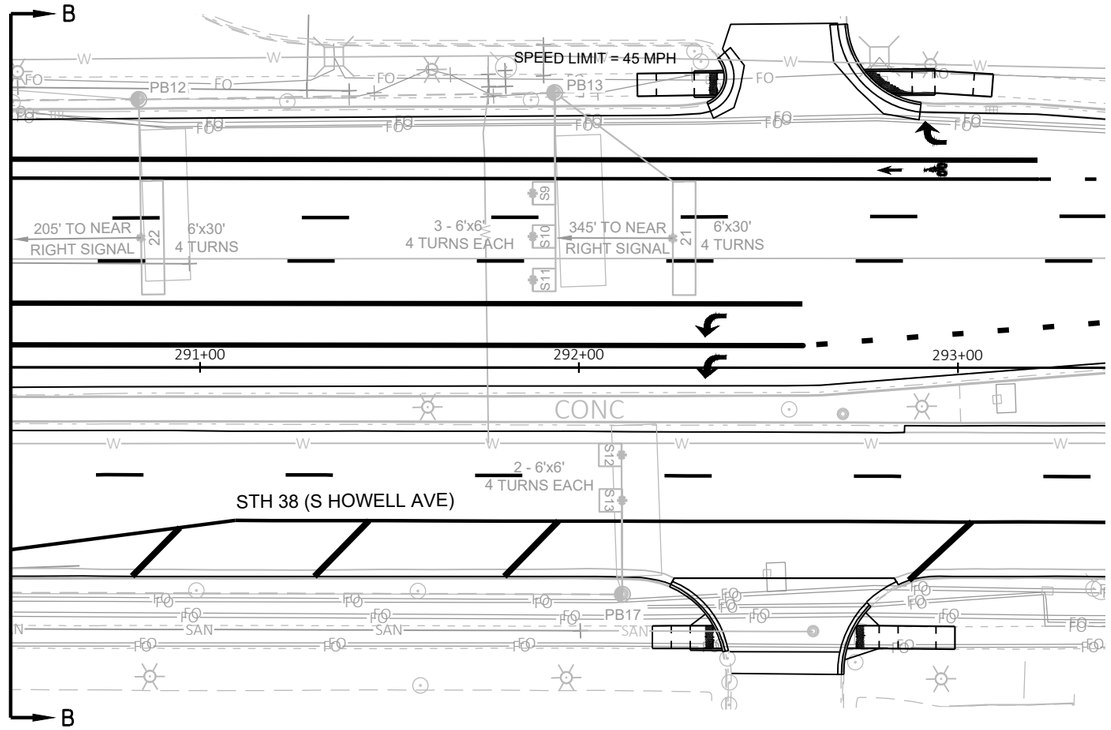
PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC SIGNAL PLAN	SHEET 304	E

FILE NAME : Z:\SHARED\WI\3035 STH 100 AND STH 38 SIGNALS\CAD\STH 38\S40-1094_DREXEL.DWG
LAYOUT NAME - S40-1094_R1_pg1
PLOT DATE : 7/17/2026 2:04 PM
PLOT BY : DERRIN WOLFORD
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

2

N





TRAFFIC CONTROL SIGNAL
STH 38 (S HOWELL AVE) & DREXEL AVE
CITY OF OAK CREEK
MILWAUKEE COUNTY

SIGNAL NO. S40-1094

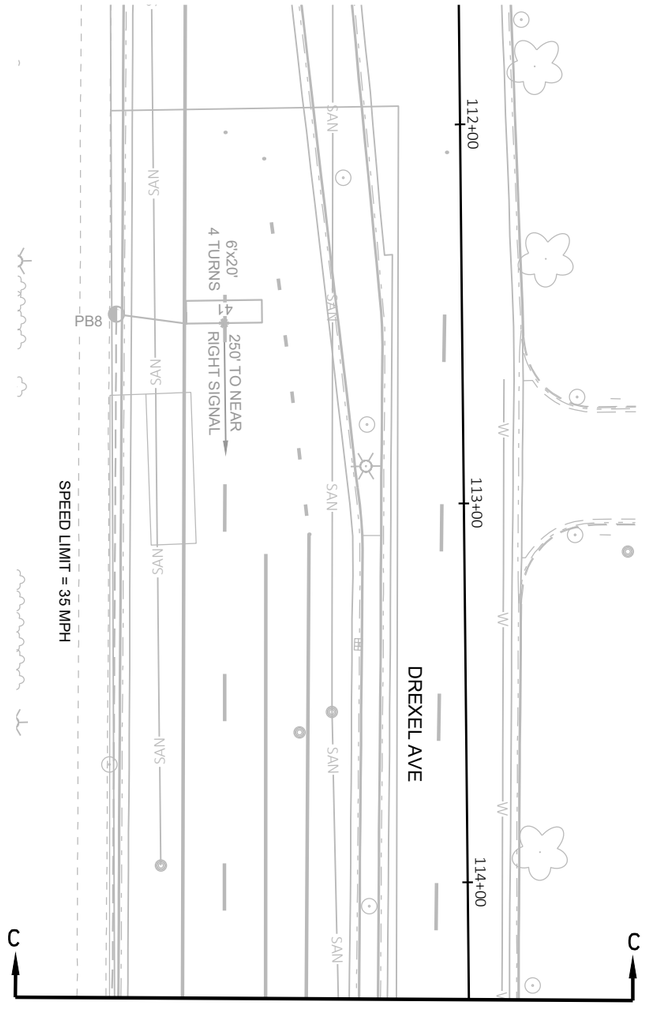
REGION CONTACT: K. WALKER
DESIGNED BY:
REVISED BY: TADI

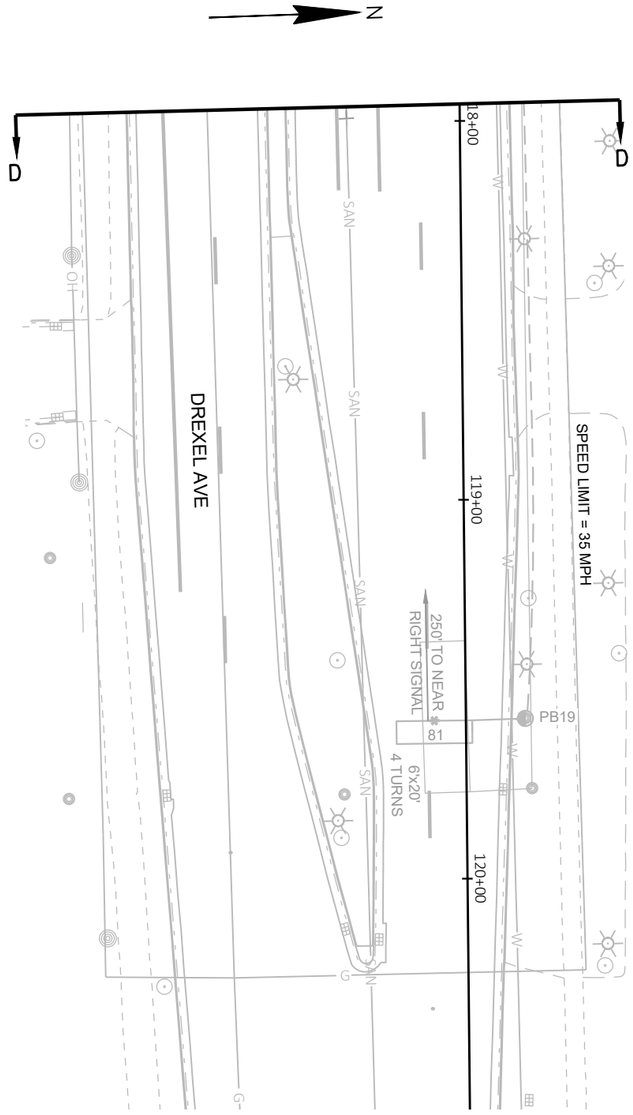
PAGE 2 OF 4

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC SIGNAL PLAN	SHEET 305	E

FILE NAME : Z:\SHARED\WI\3035 STH 100 AND STH 38 SIGNALS\CAD\STH 38\S40-1094_DREXEL.DWG
LAYOUT NAME - S40-1094_R1_pg2

PLOT DATE : 1/12/2026 4:28 PM PLOT BY : DERRIN WOLFORD PLOT NAME : PLOT SCALE : 1 IN:40 FT





TRAFFIC CONTROL SIGNAL
STH 38 (S HOWELL AVE) & DREXEL AVE
CITY OF OAK CREEK
MILWAUKEE COUNTY

SIGNAL NO. S40-1094

REGION CONTACT: K. WALKER
DESIGNED BY:
REVISED BY: TADI

PAGE 3 OF 4

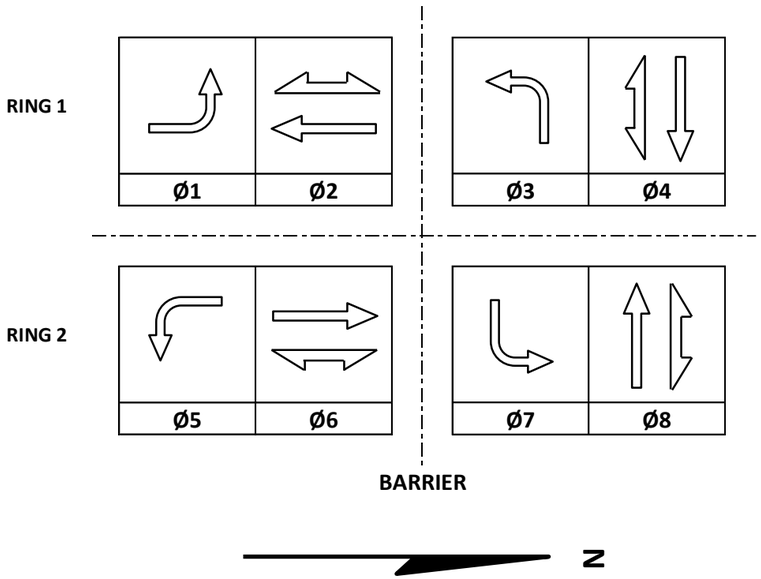
PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC SIGNAL PLAN	SHEET 306	E

FILE NAME : Z:\SHARED\WI\3035 STH 100 AND STH 38 SIGNALS\CAD\STH 38\S40-1094_DREXEL.DWG
LAYOUT NAME - S40-1094_R1_pg3

PLOT DATE : 1/12/2026 4:28 PM PLOT BY : DERRIN WOLFORD PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

	HEAD NUMBERS	FLASH
Ø1	4,5,6	R ←
Ø2	7,8,9,10	R
Ø3	23,24,25	R ←
Ø4	14,15,16	R
Ø5	11,12,13	R ←
Ø6	1,2,3	R
Ø7	17,18,19	R ←
Ø8	20,21,22	R
Ø2P	28,29	
Ø4P	26,27	
Ø6P	32,33	
Ø8P	30,31	
OLE		
OLF		
OLG		
OLH		



CONTROLLER LOGIC

PHASE NUMBER	PHASE LOCKING	DUAL ENTRY W / Ø	PHASE RECALL	PHASE ACTIVE
1		6		X
2	X	6	MIN	X
3		8		X
4		8		X
5		2		X
6	X	2	MIN	X
7		4		X
8		4		X

EMERGENCY VEHICLE PREEMPTION SEQUENCE

EMERGENCY VEHICLE PREEMPTOR	A	B	C	D
MOVEMENT	←	→	↓	↑
PHASE	2+5	6+1	4+7	8+3

AFTER PREEMPTION SEQUENCE 2+5 OR 6+1, CONTROLLER SHALL RETURN TO PHASES 2+6.
AFTER PREEMPTION SEQUENCE 4+7 OR 8+3, CONTROLLER SHALL RETURN TO PHASES 4+8.

TYPE OF INTERCONNECT/COMMUNICATION	
NONE	
CLOSED LOOP	
TWISTED PAIR	
FIBER OPTIC*	
FIBER OPTIC (ETHERNET)	X
RADIO	
CELL MODEM	

TYPE OF COORDINATION	
NONE	
TBC	X
TRAFFIC RESPONSIVE	X
ADAPTIVE	
*LOCATION OF MASTER CONTROLLER NO: S-	
SIGNAL SYSTEM NO: SS-	

TYPE OF LIGHTING	
BY OTHER AGENCY	
IN TRAFFIC CABINET	X
IN SEPARATE DOT LIGHTING CABINET	

TYPE OF PRE-EMPT	
NONE	
RAILROAD	
EMERGENCY VEHICLE	X
GTT	X
TOMAR	
HARDWIRE	
OTHER	
CONFIRMATION LIGHTS	
LIFT BRIDGE	
QUEUE DETECTION	

DETECTOR LOGIC

DETECTOR INPUT	3	1	7	5	11	9	15	13	19	17	23	21	27	25	31	29	35	33	39	37	43	41	47	45	DETECTOR INPUT
PLAN LOOP DETECTOR*(S)	11	13	21	31	33	41	43	45	47	52	54	62	72	74	82	84	86	S9	S11	S13					PLAN LOOP DETECTOR*(S)
CALLED PHASE	1	1	2	3	3	4	4	4	4	5	5	6	7	7	8	8	8								CALLED PHASE
CALL OPTION	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X								CALL OPTION
DELAY TIME									X								X								DELAY TIME
EXTENTION OPTION	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X								EXTENTION OPTION
EXTEND TIME						X																			EXTEND TIME
USE ADDED INITIAL			X									X													USE ADDED INITIAL
CROSS SWITCH PHASE																									CROSS SWITCH PHASE

DETECTOR INPUT	4	2	8	6	12	10	16	14	20	18	24	22	28	26	32	30	36	34	40	38	44	42	48	46	DETECTOR INPUT
PLAN LOOP DETECTOR*(S)	12	14	22	32	34	42	44	46	51	53	61	71	73	81	83	85	87	S10	S12						PLAN LOOP DETECTOR*(S)
CALLED PHASE	1	1	2	3	3	4	4	4	5	5	6	7	7	8	8	8	8								CALLED PHASE
CALL OPTION	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X								CALL OPTION
DELAY TIME								X									X								DELAY TIME
EXTENTION OPTION	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X								EXTENTION OPTION
EXTEND TIME														X											EXTEND TIME
USE ADDED INITIAL			X								X														USE ADDED INITIAL
CROSS SWITCH PHASE																									CROSS SWITCH PHASE

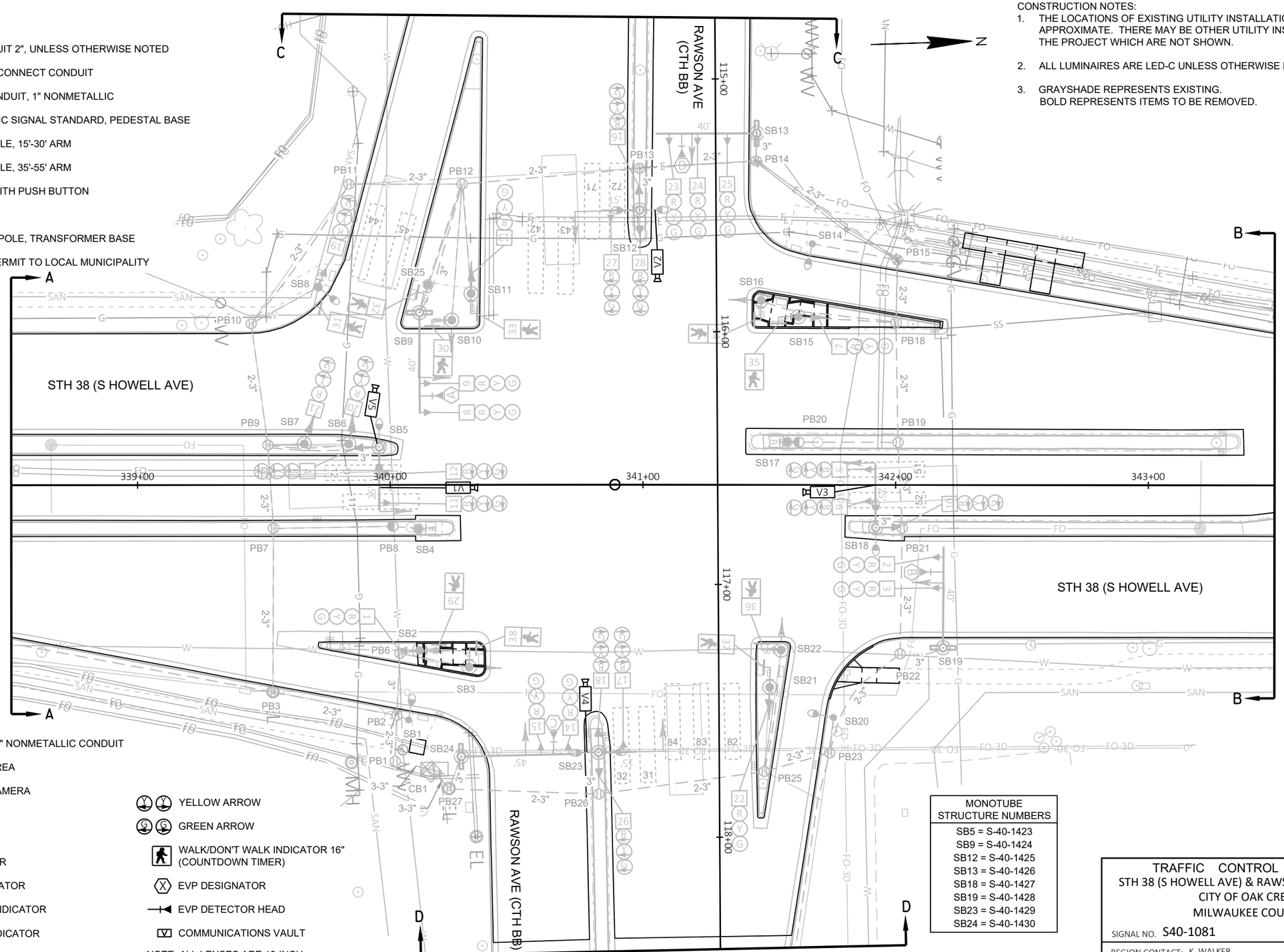
STH 38 (S HOWELL AVE) & DREXEL AVE
CITY OF OAK CREEK
MILWAUKEE COUNTY
SIGNAL NO: S40-1094 CABINET TYPE: TS2-S
CONTROLLER TYPE: ECONOLITE
DATE: 1/26 PAGE NUMBER: 4 OF 4

LEGEND

- CONTROL CABINET
- NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED
- NONMETALLIC INTERCONNECT CONDUIT
- LOOP DETECTOR CONDUIT, 1" NONMETALLIC
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX') MONOTUBE BASE, POLE, 15'-30' ARM
- (XX') MONOTUBE BASE, POLE, 35'-55' ARM
- B PEDESTRIAN HEAD WITH PUSH BUTTON
- B PUSH BUTTON
- LUMINAIRE, TRAFFIC POLE, TRANSFORMER BASE
- LUMINAIRE UNDER PERMIT TO LOCAL MUNICIPALITY

CONSTRUCTION NOTES:

1. THE LOCATIONS OF EXISTING UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT WHICH ARE NOT SHOWN.
2. ALL LUMINAIRES ARE LED-C UNLESS OTHERWISE NOTED.
3. GRAYSHADE REPRESENTS EXISTING.
   BOLD REPRESENTS ITEMS TO BE REMOVED.



- LOOP DETECTOR IN 1" NONMETALLIC CONDUIT
- VIDEO DETECTION AREA
- XX VIDEO DETECTION CAMERA
- PULL BOX, 24" X 36"
- PULL BOX, 24" X 42"
- XX SIGNAL HEAD NUMBER
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- R RED ARROW
- Y YELLOW ARROW
- G GREEN ARROW
- WALK/DON'T WALK INDICATOR 16" (COUNTDOWN TIMER)
- X EVP DESIGNATOR
- EVP DETECTOR HEAD
- V COMMUNICATIONS VAULT

NOTE: ALL LENSES ARE 12-INCH
GRAYSHADE REPRESENTS EXISTING

MONOTUBE STRUCTURE NUMBERS
SB5 = S-40-1423
SB9 = S-40-1424
SB12 = S-40-1425
SB13 = S-40-1426
SB18 = S-40-1427
SB19 = S-40-1428
SB23 = S-40-1429
SB24 = S-40-1430

TRAFFIC CONTROL SIGNAL
STH 38 (S HOWELL AVE) & RAWSON AVE (CTH BB)
CITY OF OAK CREEK
MILWAUKEE COUNTY

SIGNAL NO. S40-1081

REGION CONTACT: K. WALKER
DESIGNED BY:
REVISED BY: TADI

PAGE 1 OF 3

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC SIGNAL REMOVAL PLAN	SHEET 308	E

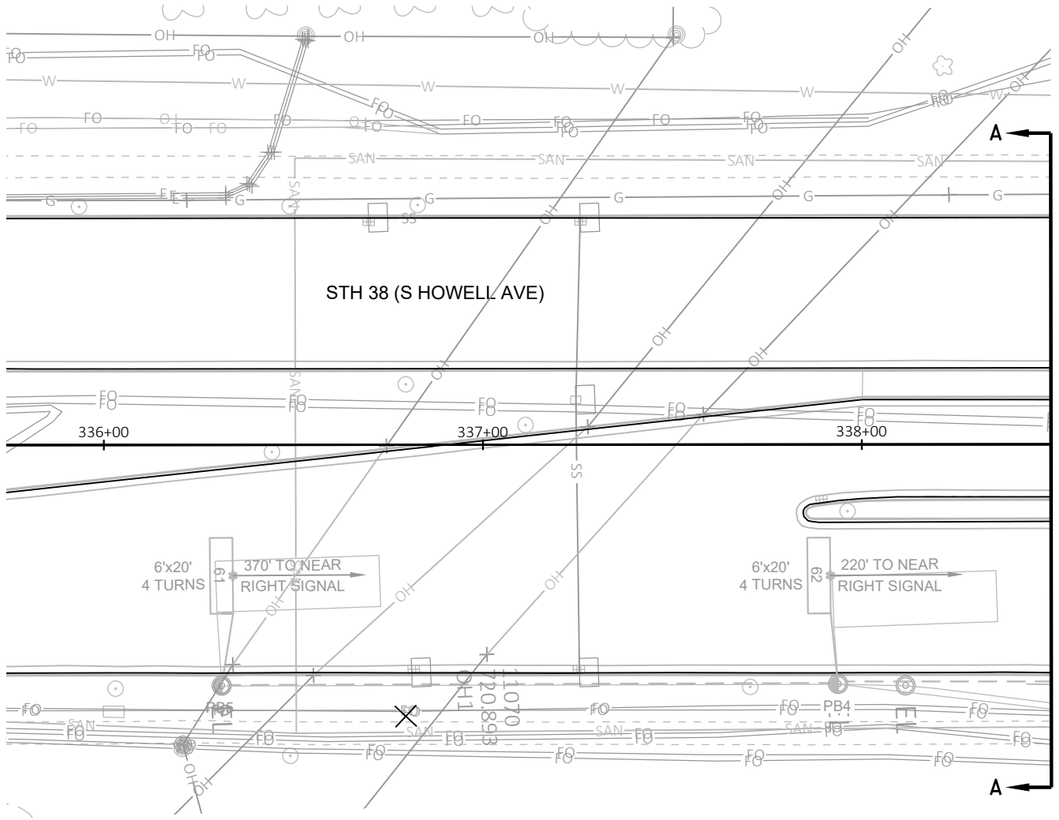
FILE NAME : Z:\SHARED\WI\3035 STH 100 AND STH 38 SIGNALS\CAD\STH 38\EXISTING\S40-1081_REM_RAWSON_2060-20-70.DWG
LAYOUT NAME - S40-1081_rem_pg1

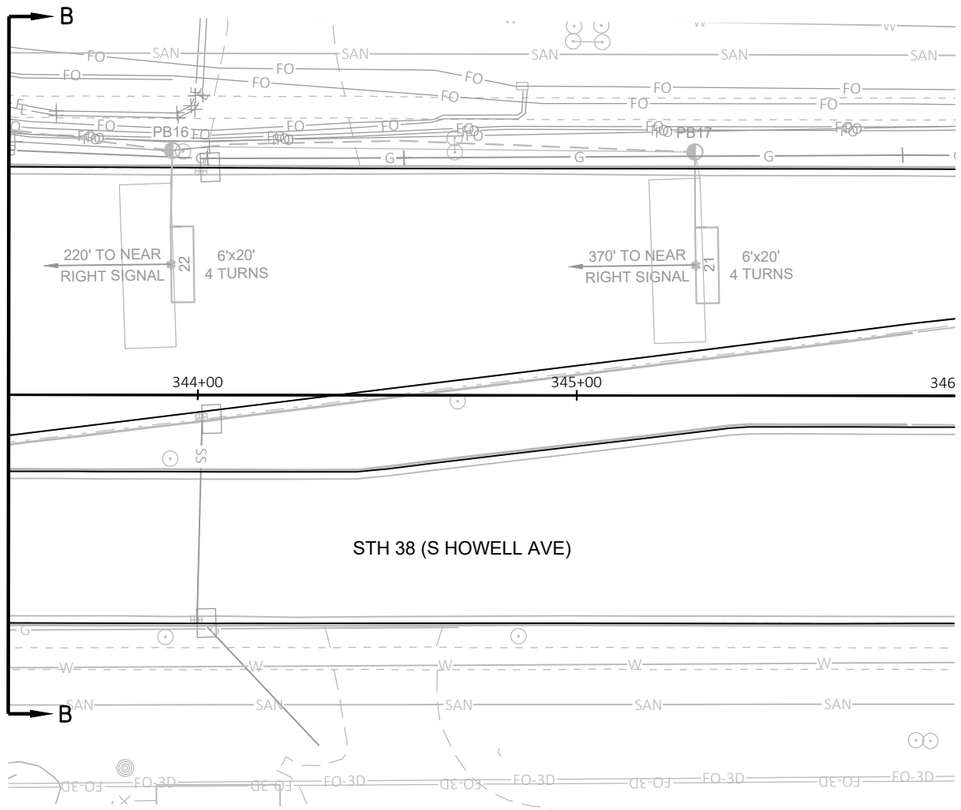
PLOT DATE : 10/21/2025 2:03 PM PLOT BY : DERRIN WOLFORD PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

N





TRAFFIC CONTROL SIGNAL
STH 38 (S HOWELL AVE) & RAWSON AVE (CTH BB)
CITY OF OAK CREEK
MILWAUKEE COUNTY

SIGNAL NO. S40-1081

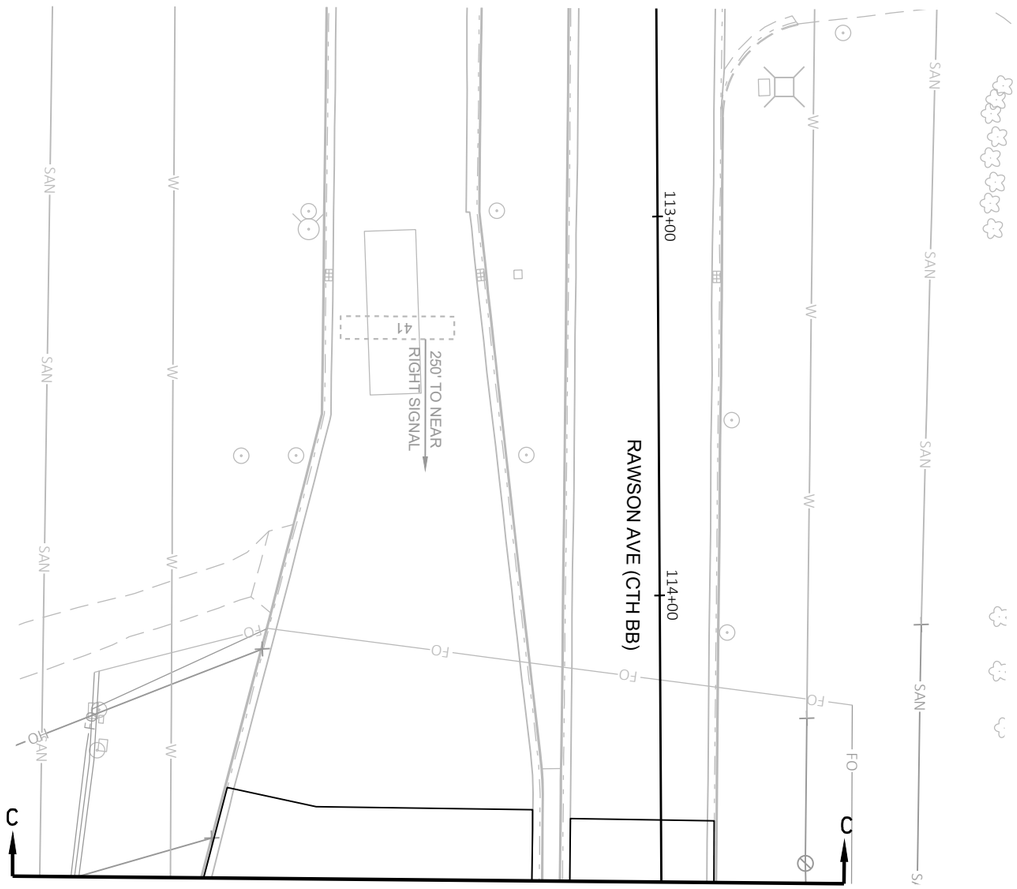
REGION CONTACT: K. WALKER
DESIGNED BY:
REVISED BY: TADI

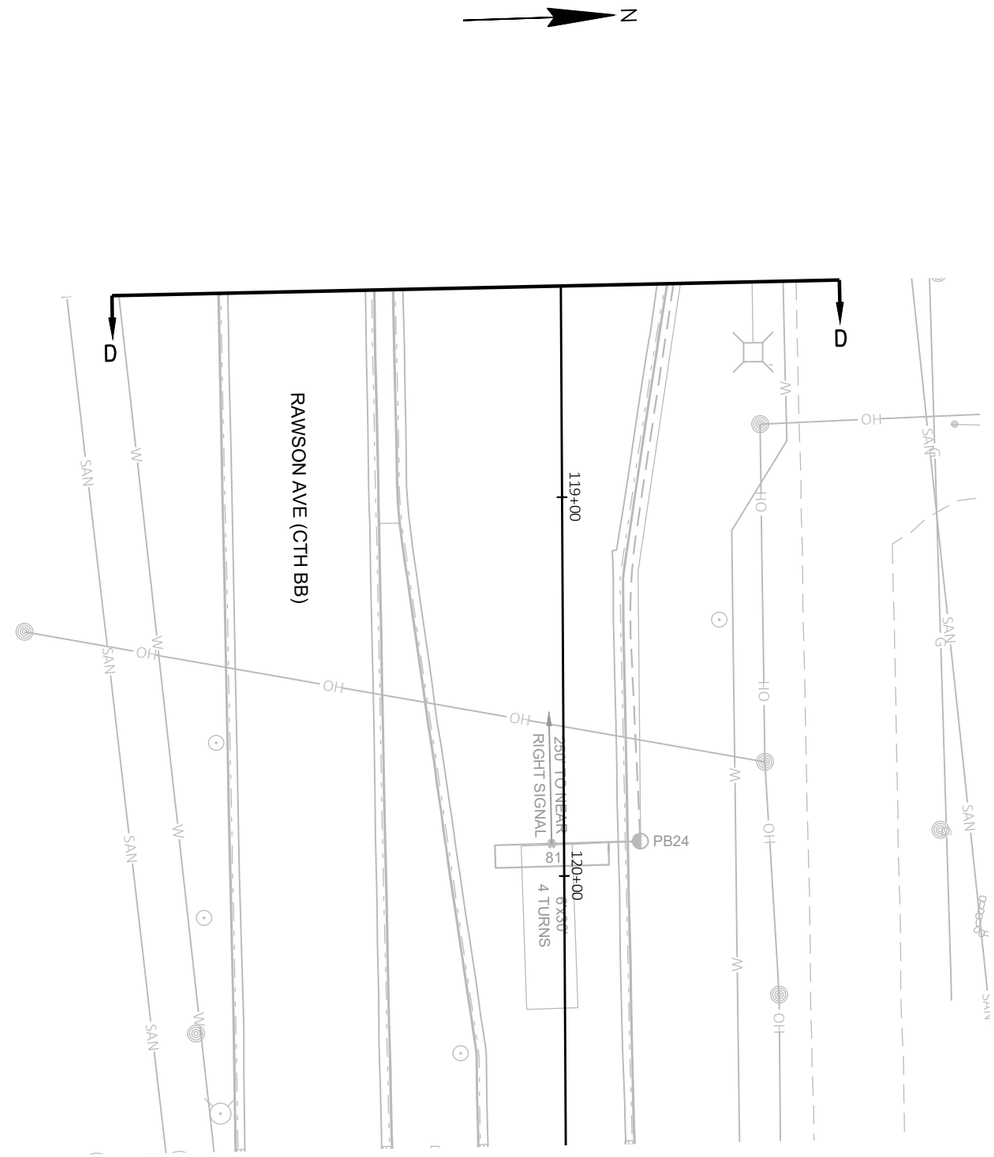
PAGE 2 OF 3

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC SIGNAL REMOVAL PLAN	SHEET 309	E

FILE NAME : Z:\SHARED\WI\3035 STH 100 AND STH 38 SIGNALS\CAD\STH 38\EXISTING\S40-1081_REM_RAWSON_2060-20-70.DWG
LAYOUT NAME - S40-1081_rem_pg2

PLOT DATE : 10/21/2025 2:03 PM PLOT BY : DERRIN WOLFORD PLOT NAME : PLOT SCALE : 1 IN:40 FT





TRAFFIC CONTROL SIGNAL
STH 38 (S HOWELL AVE) & RAWSON AVE (CTH BB)
CITY OF OAK CREEK
MILWAUKEE COUNTY

SIGNAL NO. S40-1081

REGION CONTACT: K. WALKER
DESIGNED BY:
REVISED BY: TADI

PAGE 3 OF 3

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC SIGNAL REMOVAL PLAN	SHEET 310	E

FILE NAME : Z:\SHARED\WI\3035 STH 100 AND STH 38 SIGNALS\CAD\STH 38\EXISTING\S40-1081_REM_RAWSON_2060-20-70.DWG
LAYOUT NAME - S40-1081_rem_pg3

PLOT DATE : 10/21/2025 2:03 PM PLOT BY : DERRIN WOLFORD PLOT NAME : PLOT SCALE : 1 IN:40 FT

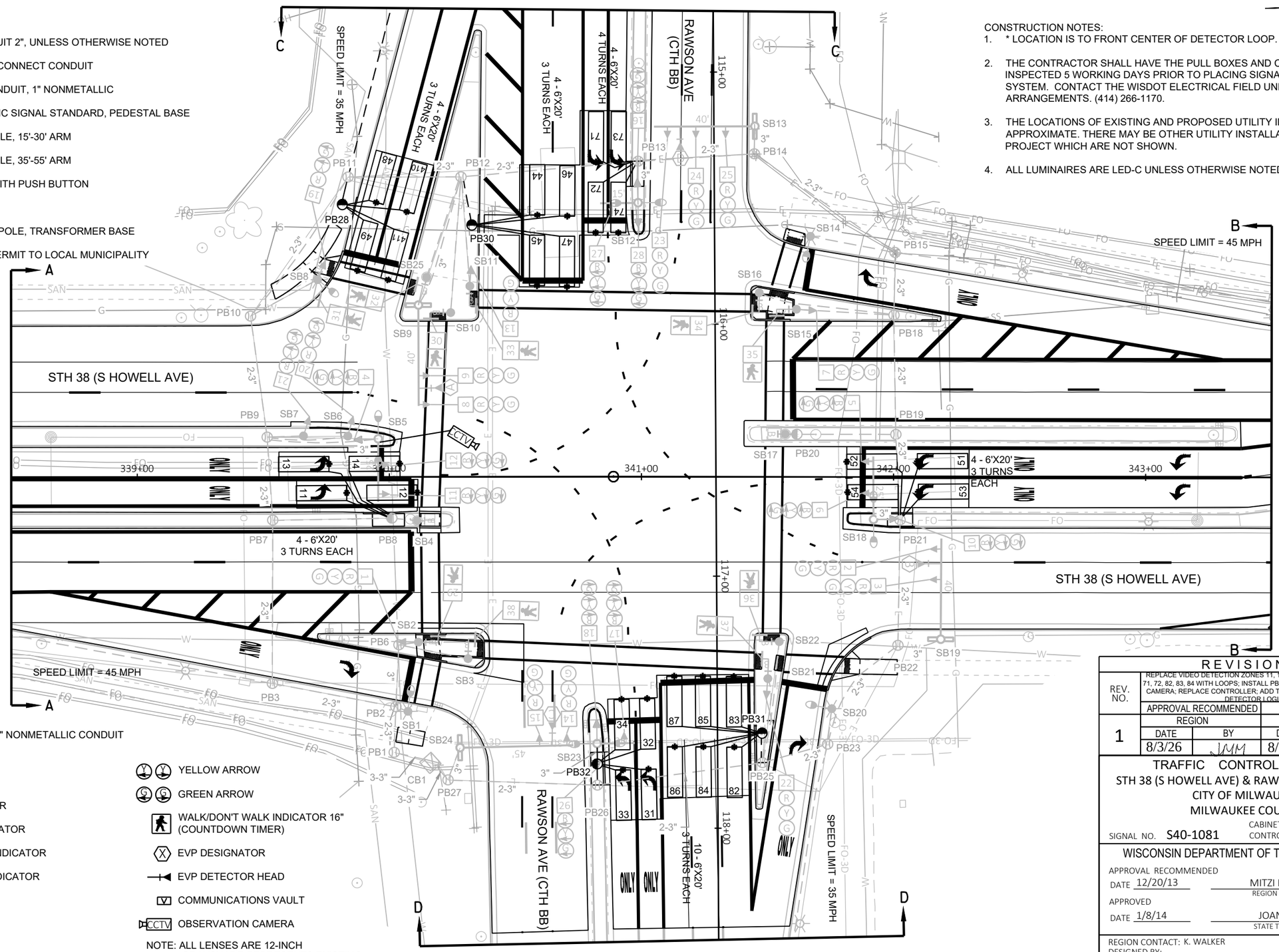
WISDOT/CADDS SHEET 42

2

LEGEND

- CONTROL CABINET
- NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED
- NONMETALLIC INTERCONNECT CONDUIT
- LOOP DETECTOR CONDUIT, 1" NONMETALLIC
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX') MONOTUBE BASE, POLE, 15'-30' ARM
- (XX') MONOTUBE BASE, POLE, 35'-55' ARM
- PEDESTRIAN HEAD WITH PUSH BUTTON
- PUSH BUTTON
- LUMINAIRE, TRAFFIC POLE, TRANSFORMER BASE
- LUMINAIRE UNDER PERMIT TO LOCAL MUNICIPALITY

MONOTUBE STRUCTURE NUMBERS
SB5 = S-40-1423
SB9 = S-40-1424
SB12 = S-40-1425
SB13 = S-40-1426
SB18 = S-40-1427
SB19 = S-40-1428
SB23 = S-40-1429
SB24 = S-40-1430



- LOOP DETECTOR IN 1" NONMETALLIC CONDUIT
- PULL BOX, 24" X 36"
- PULL BOX, 24" X 42"
- XX SIGNAL HEAD NUMBER
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- R RED ARROW
- Y YELLOW ARROW
- G GREEN ARROW
- WALK/DON'T WALK INDICATOR 16" (COUNTDOWN TIMER)
- X EVP DESIGNATOR
- EVP DETECTOR HEAD
- V COMMUNICATIONS VAULT
- CCTV OBSERVATION CAMERA

NOTE: ALL LENSES ARE 12-INCH GRAYSHADE REPRESENTS EXISTING

CONSTRUCTION NOTES:

1. * LOCATION IS TO FRONT CENTER OF DETECTOR LOOP.
2. THE CONTRACTOR SHALL HAVE THE PULL BOXES AND CONDUIT RUNS INSPECTED 5 WORKING DAYS PRIOR TO PLACING SIGNAL CABLE INTO SYSTEM. CONTACT THE WISDOT ELECTRICAL FIELD UNIT TO MAKE ARRANGEMENTS. (414) 266-1170.
3. THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT WHICH ARE NOT SHOWN.
4. ALL LUMINAIRES ARE LED-C UNLESS OTHERWISE NOTED.

REVISION

REV. NO.				
	REPLACE VIDEO DETECTION ZONES 11, 12, 31, 32, 41, 42, 43, 44, 45, 51, 52, 71, 72, 82, 83, 84 WITH LOOPS; INSTALL PB28 - PB32; INSTALL OBSERVATION CAMERA; REPLACE CONTROLLER; ADD THIRD DETECTOR RACK; UPDATE DETECTOR LOGIC TABLE			
	APPROVAL RECOMMENDED		APPROVED	
1	REGION		CENTRAL OFFICE	
	DATE	BY	DATE	BY
	8/3/26	JMM	8/6/26	JR

TRAFFIC CONTROL SIGNAL
STH 38 (S HOWELL AVE) & RAWSON AVE (CTH BB)
CITY OF MILWAUKEE
MILWAUKEE COUNTY

SIGNAL NO. S40-1081
CABINET TYPE: TS2-S
CONTROLLER TYPE: ECONOLITE

WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVAL RECOMMENDED
DATE 12/20/13 — MITZI M. DOBERSEK, REGION TRAFFIC ENGINEER

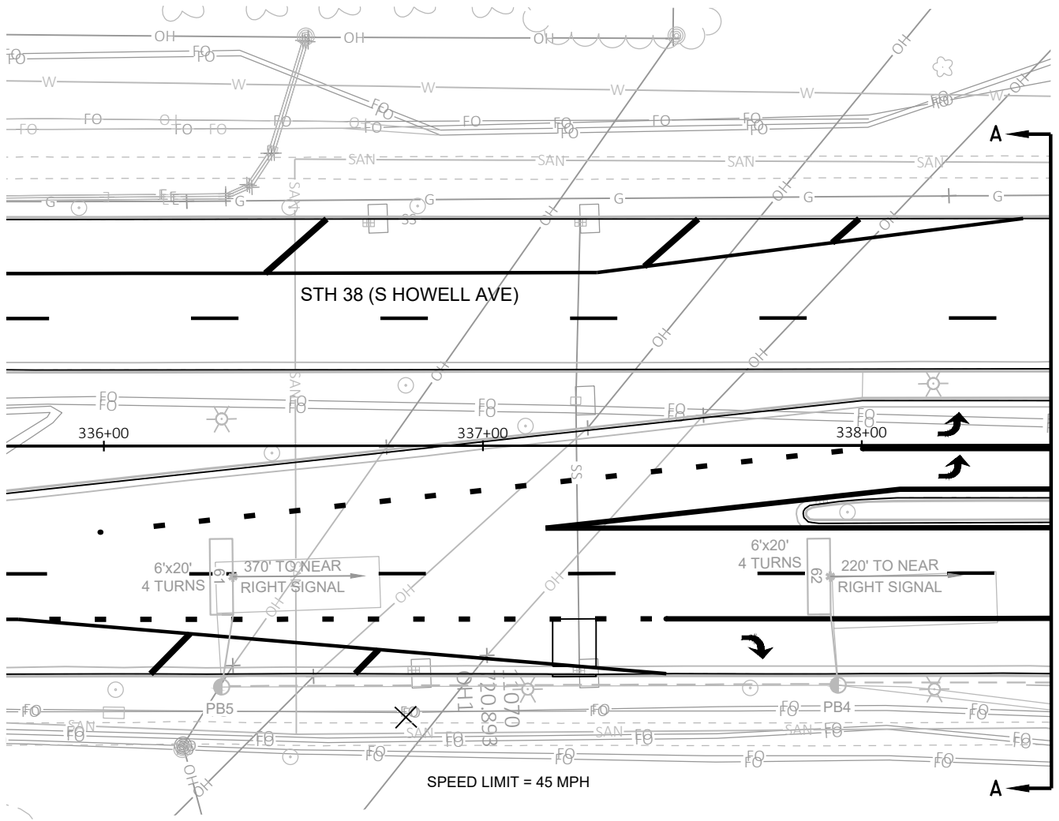
APPROVED
DATE 1/8/14 — JOANNA L. BUSH, STATE TRAFFIC ENGINEER

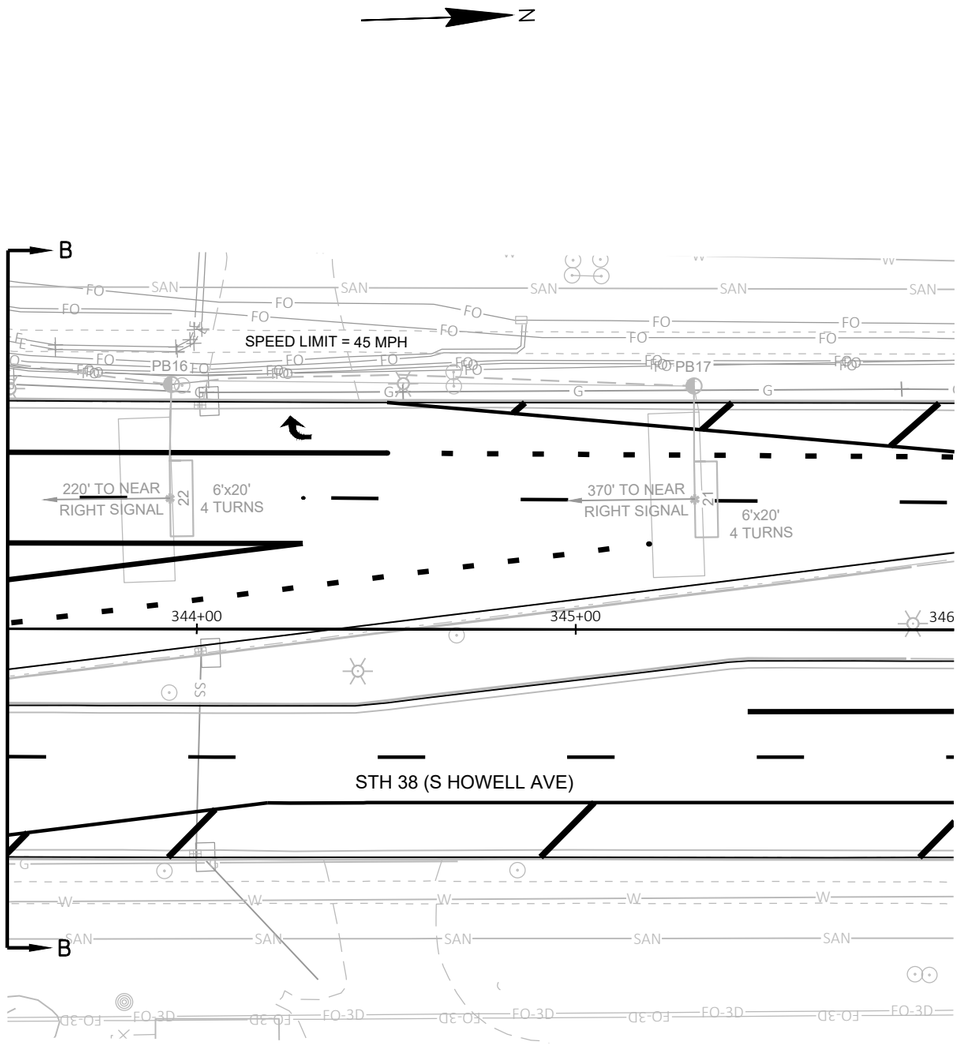
REGION CONTACT: K. WALKER
DESIGNED BY:
REVISED BY: TADI

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC SIGNAL PLAN	SHEET 311	E

FILE NAME : Z:\SHARED\WI\3035 STH 100 AND STH 38 SIGNALS\CAD\STH 38\S40-1081_RAWSON.DWG
LAYOUT NAME - S40-1081_R1_pg1
PLOT DATE : 7/17/2026 2:09 PM
PLOT BY : DERRIN WOLFORD
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

2





TRAFFIC CONTROL SIGNAL
STH 38 (S HOWELL AVE) & RAWSON AVE (CTH BB)
CITY OF OAK CREEK
MILWAUKEE COUNTY

SIGNAL NO. S40-1081

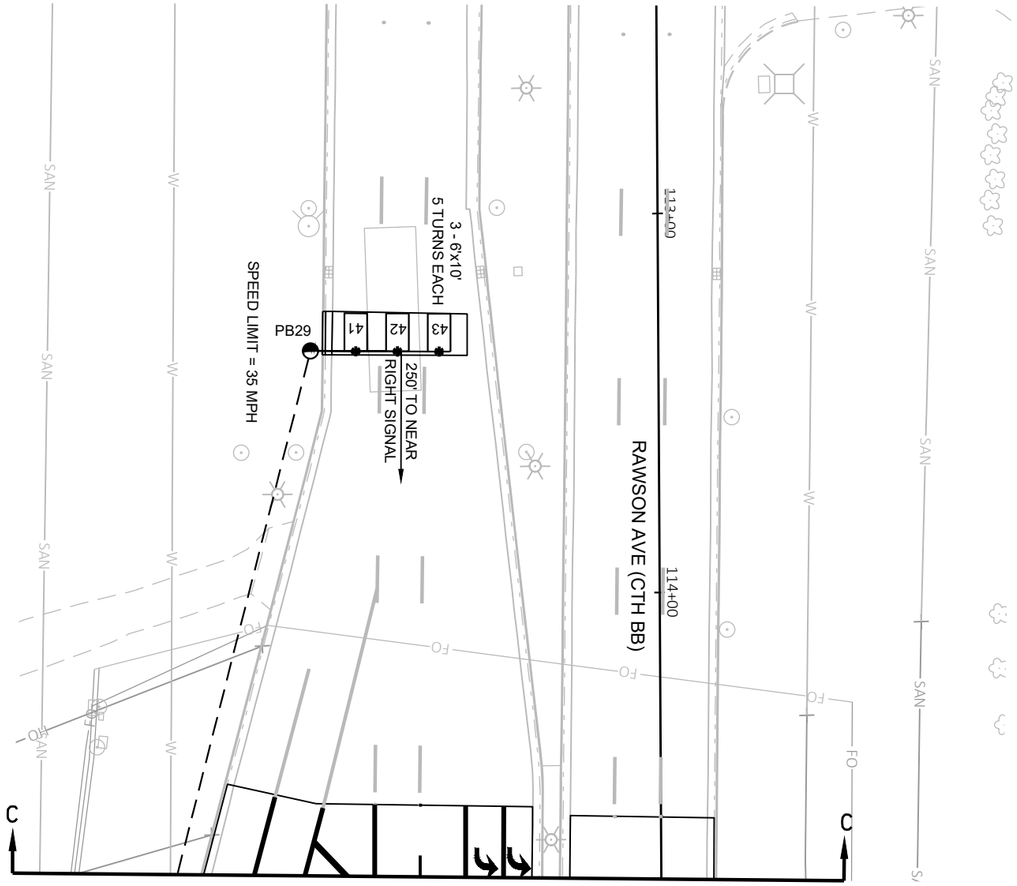
REGION CONTACT: K. WALKER
DESIGNED BY:
REVISED BY: TADI

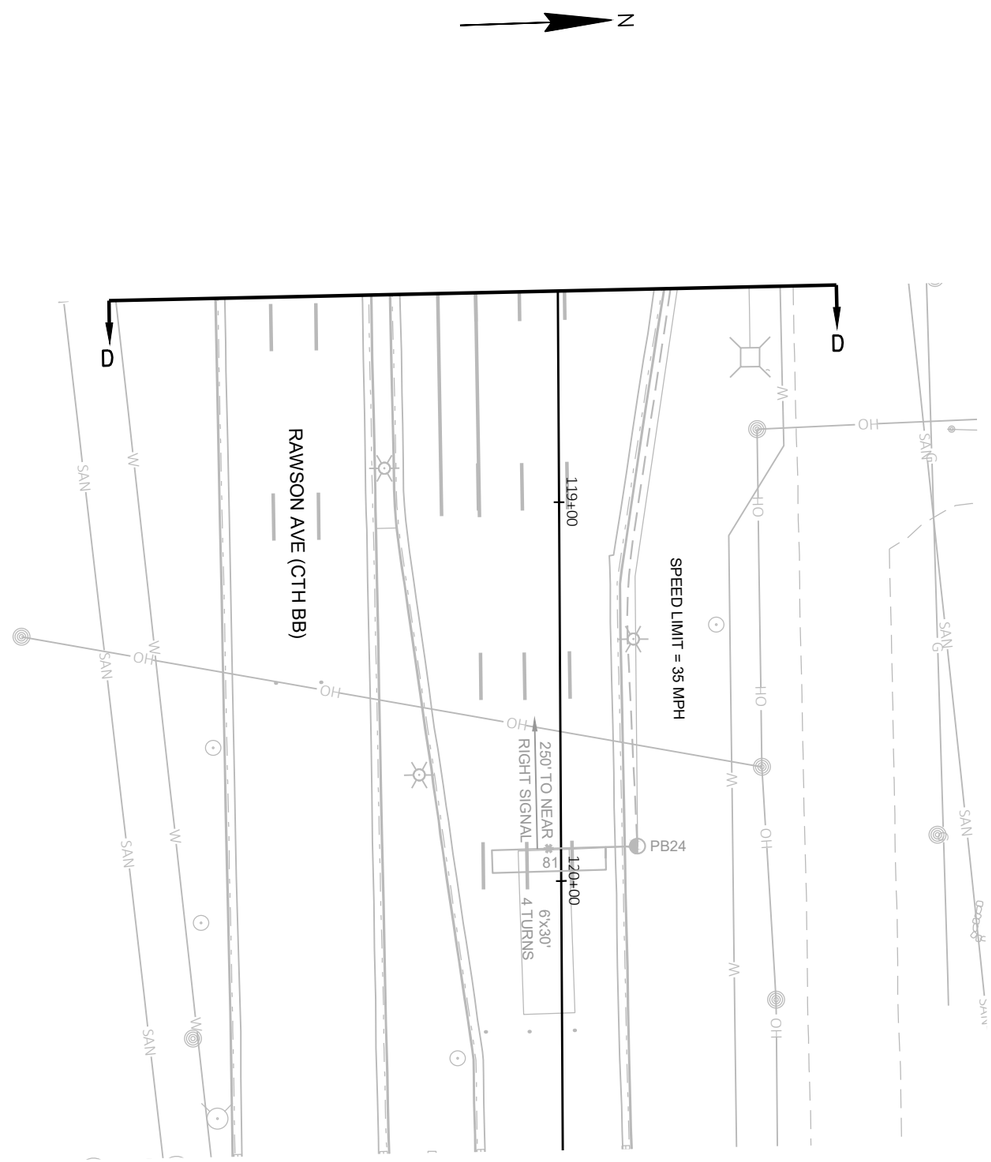
PAGE 2 OF 4

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC SIGNAL PLAN	SHEET 312	E

FILE NAME : Z:\SHARED\WI\3035 STH 100 AND STH 38 SIGNALS\CAD\STH 38\S40-1081_RAWSON.DWG
LAYOUT NAME - S40-1081_R1_pg2

PLOT DATE : 1/12/2026 4:52 PM PLOT BY : DERRIN WOLFORD PLOT NAME : PLOT SCALE : 1 IN:40 FT





TRAFFIC CONTROL SIGNAL
STH 38 (S HOWELL AVE) & RAWSON AVE (CTH BB)
CITY OF OAK CREEK
MILWAUKEE COUNTY

SIGNAL NO. S40-1081

REGION CONTACT: K. WALKER
DESIGNED BY:
REVISED BY: TADI

PAGE 3 OF 4

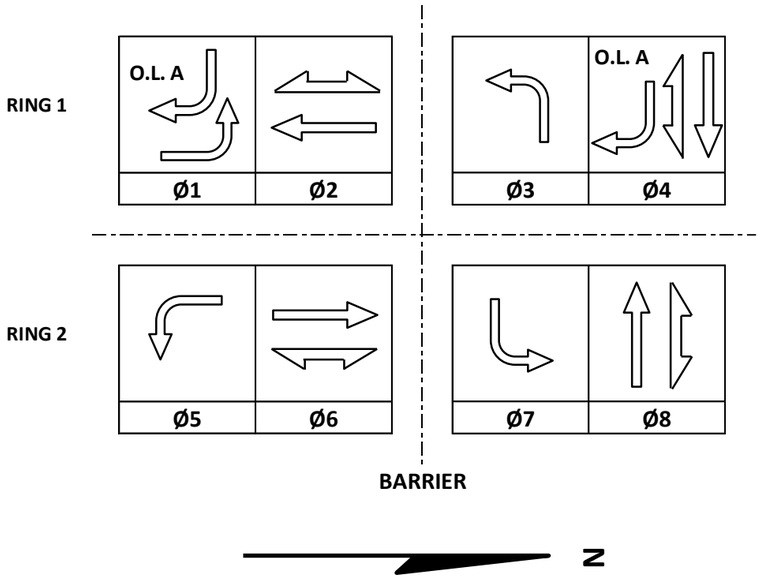
PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC SIGNAL PLAN	SHEET 313	E

FILE NAME : Z:\SHARED\WI\3035 STH 100 AND STH 38 SIGNALS\CAD\STH 38\S40-1081_RAWSON.DWG
LAYOUT NAME - S40-1081_R1_pg3

PLOT DATE : 1/12/2026 4:52 PM PLOT BY : DERRIN WOLFORD PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

	HEAD NUMBERS	FLASH
Ø1	4,5,6	R ←
Ø2	7,8,9	R
Ø3	26,27,28	R ←
Ø4	13,14,15	R
Ø5	10,11,12	R ←
Ø6	1,2,3	R
Ø7	16,17,18	R ←
Ø8	22,23,24,25	R
Ø2P	31,32,33,34	
Ø4P	29,30	
Ø6P	37,38	
Ø8P	35,36	
OLA	19,20,21	R
OLB		
OLC		
OLD		



CONTROLLER LOGIC

PHASE NUMBER	PHASE LOCKING	DUAL ENTRY W / Ø	PHASE RECALL	PHASE ACTIVE
1		6		X
2	X	6	MIN	X
3		8		X
4		8		X
5		2		X
6	X	2	MIN	X
7		4		X
8		4		X

EMERGENCY VEHICLE PREEMPTION SEQUENCE

EMERGENCY VEHICLE PREEMPTOR	A	B	C	D
MOVEMENT	←	→	O.L.A ↓↓	↑
PHASE	2+5	6+1	4+7	8+3

AFTER PREEMPTION SEQUENCE 2+5 OR 6+1, CONTROLLER SHALL RETURN TO PHASES 2+6.
AFTER PREEMPTION SEQUENCE 4+7 OR 8+3, CONTROLLER SHALL RETURN TO PHASES 4+8.

TYPE OF INTERCONNECT/COMMUNICATION	
NONE	
CLOSED LOOP	
TWISTED PAIR	
FIBER OPTIC*	
FIBER OPTIC (ETHERNET)	X
RADIO	
CELL MODEM	

TYPE OF COORDINATION	
NONE	
TBC	X
TRAFFIC RESPONSIVE	X
ADAPTIVE	
*LOCATION OF MASTER CONTROLLER NO: S-	
SIGNAL SYSTEM NO: SS-	

TYPE OF LIGHTING	
BY OTHER AGENCY	
IN TRAFFIC CABINET	X
IN SEPARATE DOT LIGHTING CABINET	

TYPE OF PRE-EMPT	
NONE	
RAILROAD	
EMERGENCY VEHICLE	X
GTT	X
TOMAR	
HARDWIRE	
OTHER	
CONFIRMATION LIGHTS	
LIFT BRIDGE	
QUEUE DETECTION	

DETECTOR LOGIC

DETECTOR INPUT	3	1	7	5	11	9	15	13	19	17	23	21	27	25	31	29	35	33	39	37	43	41	47	45	DETECTOR INPUT
PLAN LOOP DETECTOR*(S)	11	13	21	31	33	41	43	45	47	49	411	52	54	62	72	74	82	84	86						PLAN LOOP DETECTOR*(S)
CALLED PHASE	1	1	2	3	3	4	4	4	4	4	4	5	5	6	7	7	8	8	8						CALLED PHASE
CALL OPTION	X	X	X	X	X			X	X	X	X	X	X	X	X	X	X	X	X						CALL OPTION
DELAY TIME										X	X														DELAY TIME
EXTENTION OPTION	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X						EXTENTION OPTION
EXTEND TIME						X	X																		EXTEND TIME
USE ADDED INITIAL			X											X											USE ADDED INITIAL
CROSS SWITCH PHASE																									CROSS SWITCH PHASE

DETECTOR INPUT	4	2	8	6	12	10	16	14	20	18	24	22	28	26	32	30	36	34	40	38	44	42	48	46	DETECTOR INPUT
PLAN LOOP DETECTOR*(S)	12	14	22	32	34	42	44	46	48	410	51	53	61	71	73	81	83	85	87						PLAN LOOP DETECTOR*(S)
CALLED PHASE	1	1	2	3	3	4	4	4	4	4	5	5	6	7	7	8	8	8	8						CALLED PHASE
CALL OPTION	X	X	X	X	X		X	X	X	X	X	X	X	X	X		X	X	X						CALL OPTION
DELAY TIME									X	X															DELAY TIME
EXTENTION OPTION	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X						EXTENTION OPTION
EXTEND TIME						X										X									EXTEND TIME
USE ADDED INITIAL			X										X												USE ADDED INITIAL
CROSS SWITCH PHASE																									CROSS SWITCH PHASE

STH 38 (S HOWELL AVE) & RAWSON AVE (CTH BB)
CITY OF MILWAUKEE
MILWAUKEE COUNTY
SIGNAL NO: S40-1081 CABINET TYPE: TS2-S
CONTROLLER TYPE: ECONOLITE
DATE: 1/26 PAGE NUMBER: 4 OF 4

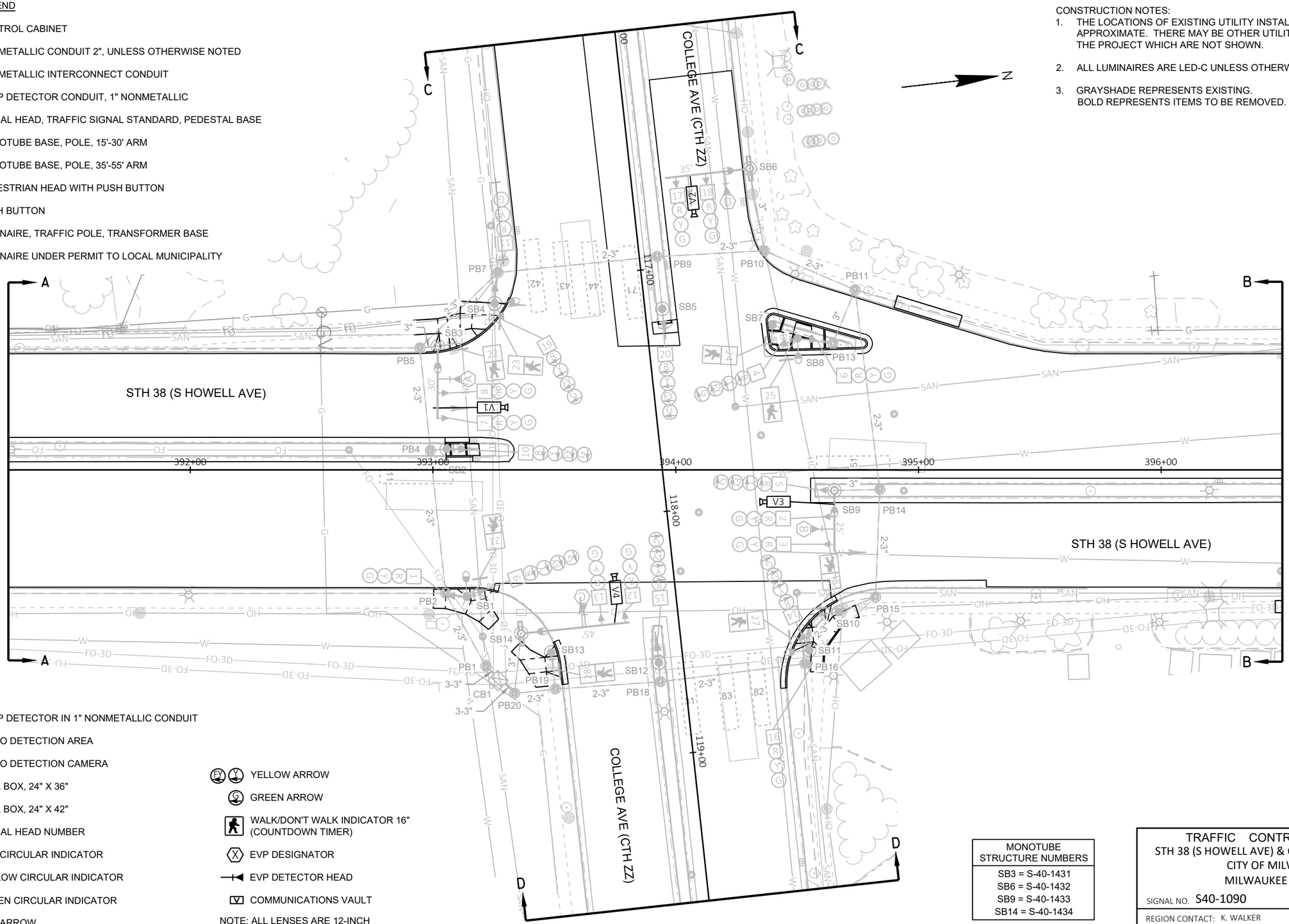
2

LEGEND

- CONTROL CABINET
- NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED
- NONMETALLIC INTERCONNECT CONDUIT
- LOOP DETECTOR CONDUIT, 1" NONMETALLIC
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX') MONOTUBE BASE, POLE, 15'-30' ARM
- (XX') MONOTUBE BASE, POLE, 35'-55' ARM
- PEDESTRIAN HEAD WITH PUSH BUTTON
- PUSH BUTTON
- LUMINAIRE, TRAFFIC POLE, TRANSFORMER BASE
- LUMINAIRE UNDER PERMIT TO LOCAL MUNICIPALITY

CONSTRUCTION NOTES:

1. THE LOCATIONS OF EXISTING UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT WHICH ARE NOT SHOWN.
2. ALL LUMINAIRES ARE LED-C UNLESS OTHERWISE NOTED.
3. GRAYSHADE REPRESENTS EXISTING.
   BOLD REPRESENTS ITEMS TO BE REMOVED.



- LOOP DETECTOR IN 1" NONMETALLIC CONDUIT
- VIDEO DETECTION AREA
- XX VIDEO DETECTION CAMERA
- PULL BOX, 24" X 36"
- PULL BOX, 24" X 42"
- XX SIGNAL HEAD NUMBER
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- R RED ARROW
- FY Y YELLOW ARROW
- G GREEN ARROW
- WALK/DON'T WALK INDICATOR 16" (COUNTDOWN TIMER)
- X EVP DESIGNATOR
- EVP DETECTOR HEAD
- V COMMUNICATIONS VAULT

NOTE: ALL LENSES ARE 12-INCH
GRAYSHADE REPRESENTS EXISTING

MONOTUBE STRUCTURE NUMBERS
SB3 = S-40-1431
SB6 = S-40-1432
SB9 = S-40-1433
SB14 = S-40-1434

TRAFFIC CONTROL SIGNAL
STH 38 (S HOWELL AVE) & COLLEGE AVE (CTH ZZ)
CITY OF MILWAUKEE
MILWAUKEE COUNTY

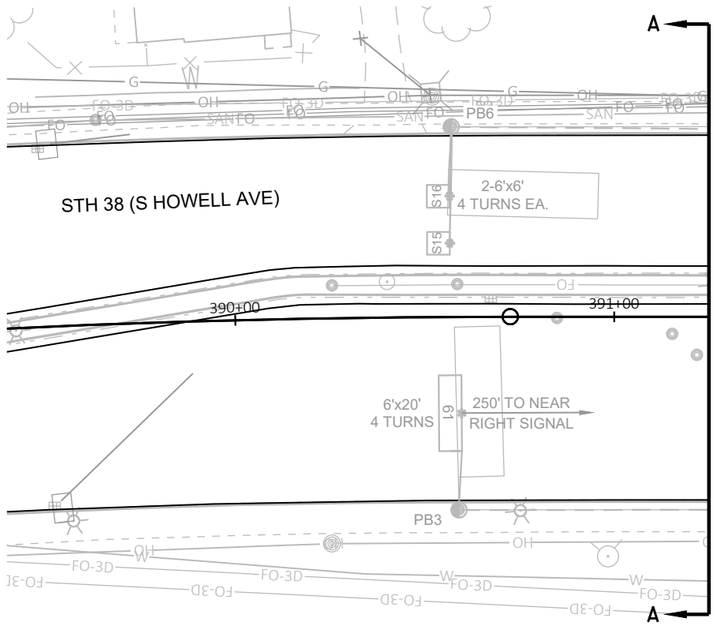
SIGNAL NO. S40-1090

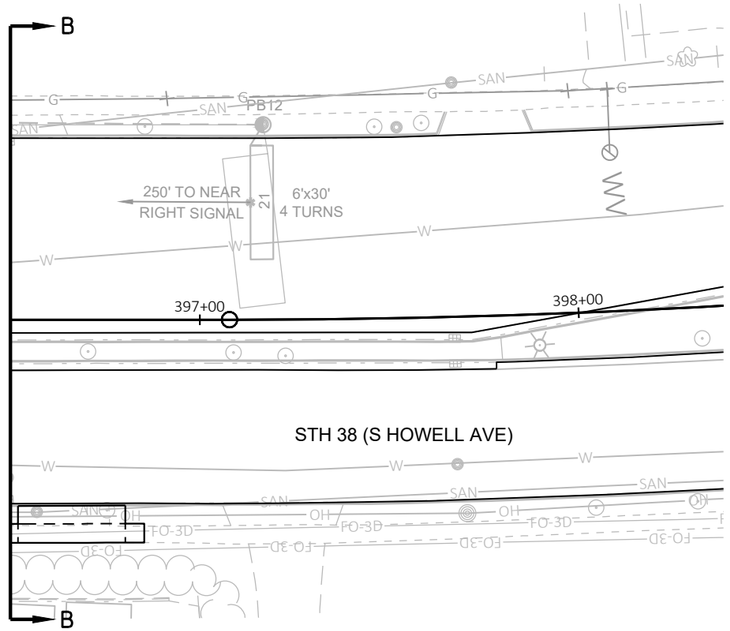
REGION CONTACT: K. WALKER
DESIGNED BY:
REVISED BY: TADI

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC SIGNAL REMOVAL PLAN	SHEET 315	E

FILE NAME : Z:\SHARED\WI\3035 STH 100 AND STH 38 SIGNALS\CAD\STH 38\EXISTING\S40-1090_REM_COLLEGE_2060-20-70.DWG
LAYOUT NAME - S40-1090_rem_pg1
PLOT DATE : 10/21/2025 3:31 PM
PLOT BY : DERRIN WOLFORD
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

2





N

TRAFFIC CONTROL SIGNAL
STH 38 (S HOWELL AVE) & COLLEGE AVE (CTH ZZ)
CITY OF MILWAUKEE
MILWAUKEE COUNTY

SIGNAL NO. S40-1090

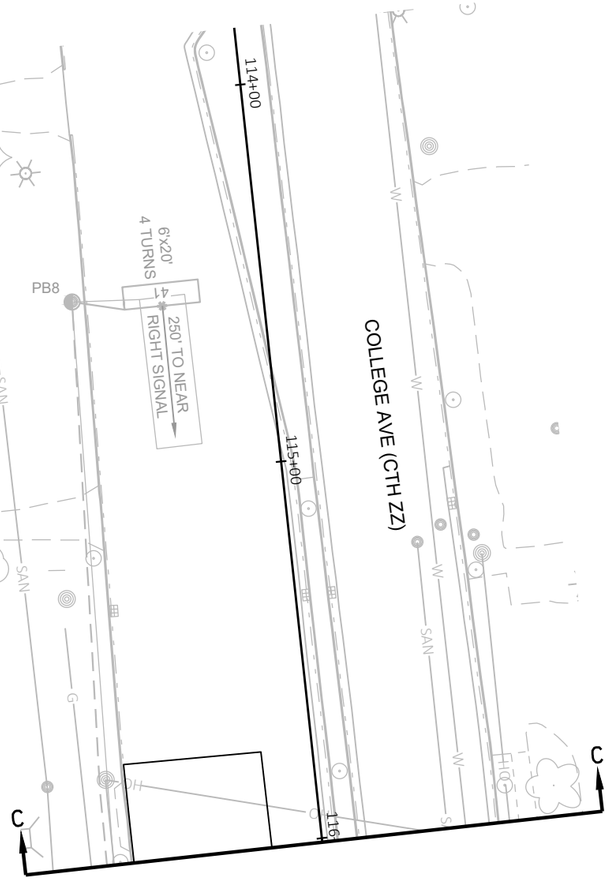
REGION CONTACT: K. WALKER
DESIGNED BY:
REVISED BY: TADI

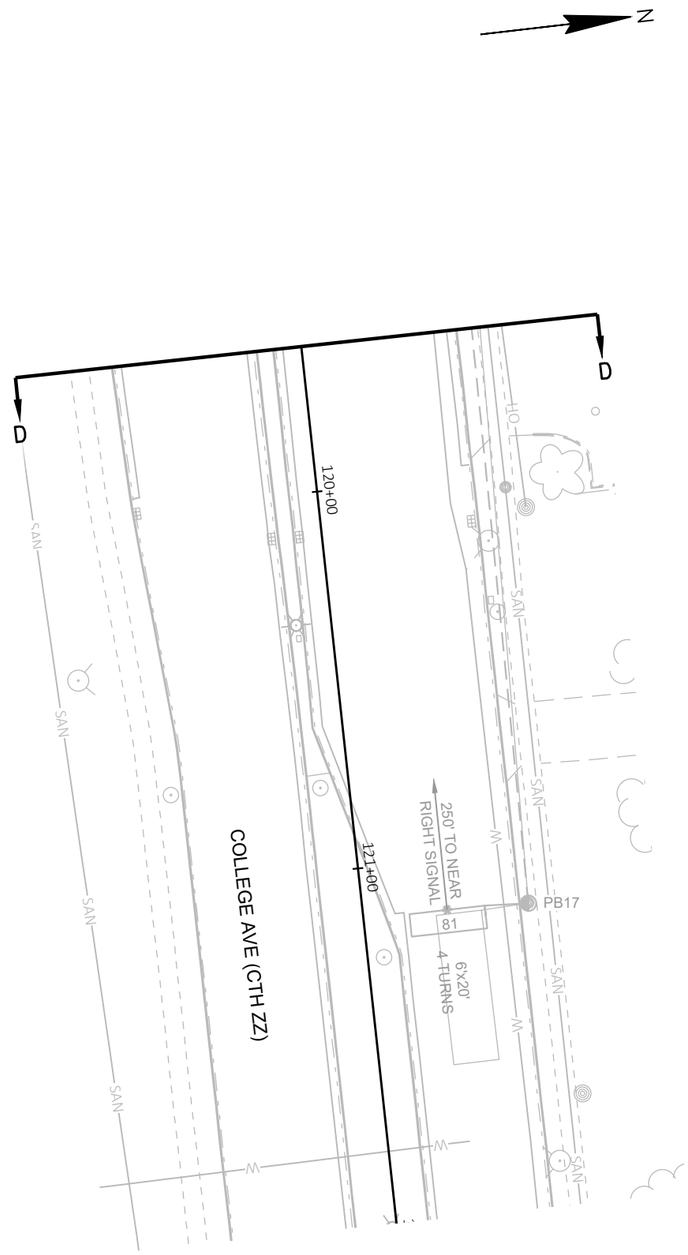
PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC SIGNAL REMOVAL PLAN	SHEET 316	E

FILE NAME : Z:\SHARED\WI\3035 STH 100 AND STH 38 SIGNALS\CAD\STH 38\EXISTING\S40-1090_REM_COLLEGE_2060-20-70.DWG
LAYOUT NAME - S40-1090_rem_pg2

PLOT DATE : 10/21/2025 3:31 PM PLOT BY : DERRIN WOLFORD PLOT NAME : PLOT SCALE : 1 IN:40 FT

2





TRAFFIC CONTROL SIGNAL
STH 38 (S HOWELL AVE) & COLLEGE AVE (CTH ZZ)
CITY OF MILWAUKEE
MILWAUKEE COUNTY

SIGNAL NO. S40-1090

REGION CONTACT: K. WALKER
DESIGNED BY:
REVISED BY: TADI

PAGE 3 OF 3

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC SIGNAL REMOVAL PLAN	SHEET 317	E

FILE NAME : Z:\SHARED\WI\3035 STH 100 AND STH 38 SIGNALS\CAD\STH 38\EXISTING\S40-1090_REM_COLLEGE_2060-20-70.DWG
LAYOUT NAME - S40-1090_rem_pg3

PLOT DATE : 10/21/2025 3:32 PM PLOT BY : DERRIN WOLFORD PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

LEGEND

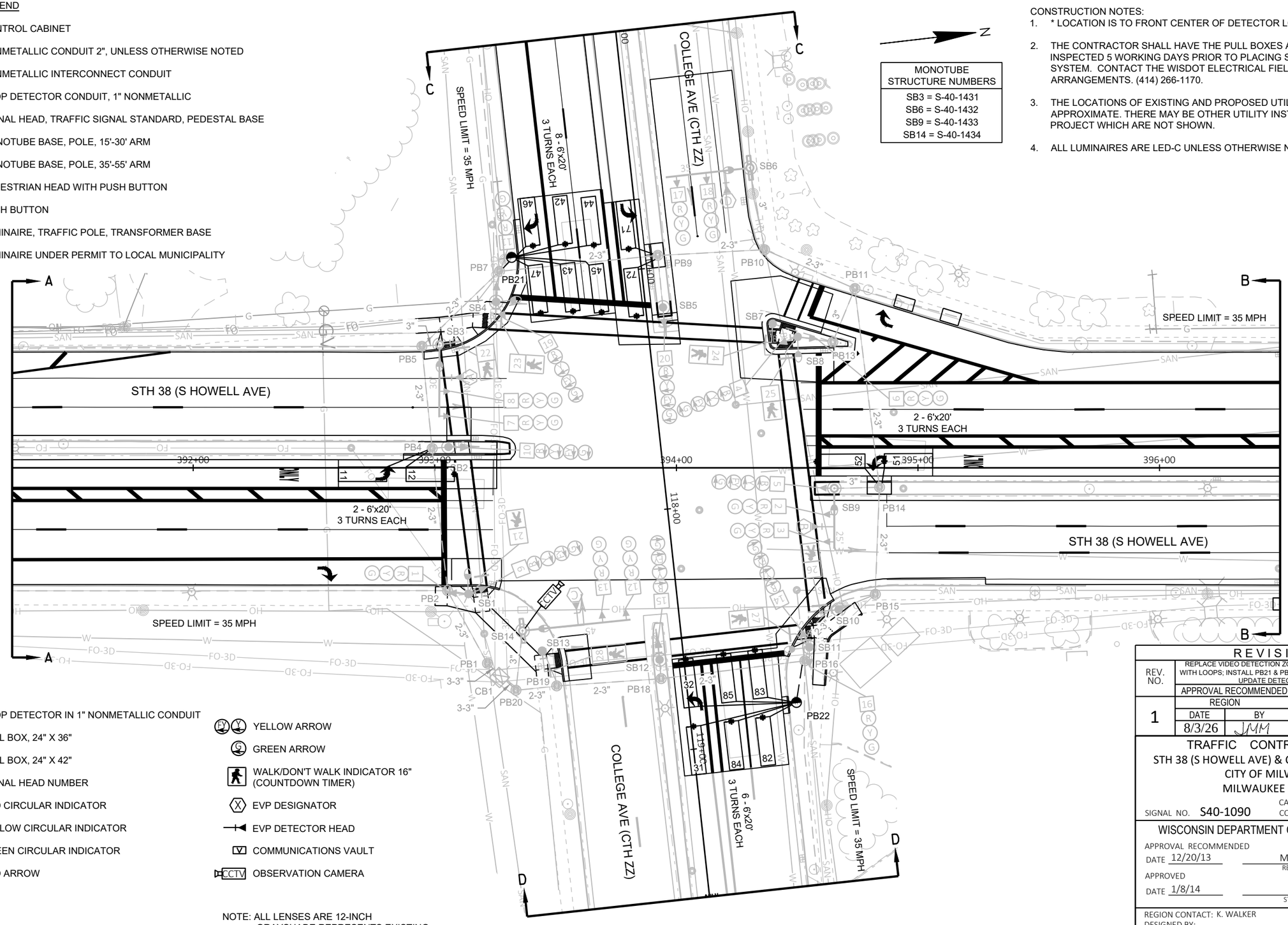
- CONTROL CABINET
- NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED
- NONMETALLIC INTERCONNECT CONDUIT
- LOOP DETECTOR CONDUIT, 1" NONMETALLIC
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX') MONOTUBE BASE, POLE, 15'-30' ARM
- (XX') MONOTUBE BASE, POLE, 35'-55' ARM
- PEDESTRIAN HEAD WITH PUSH BUTTON
- PUSH BUTTON
- LUMINAIRE, TRAFFIC POLE, TRANSFORMER BASE
- LUMINAIRE UNDER PERMIT TO LOCAL MUNICIPALITY

N

MONOTUBE STRUCTURE NUMBERS
SB3 = S-40-1431
SB6 = S-40-1432
SB9 = S-40-1433
SB14 = S-40-1434

CONSTRUCTION NOTES:

1. * LOCATION IS TO FRONT CENTER OF DETECTOR LOOP.
2. THE CONTRACTOR SHALL HAVE THE PULL BOXES AND CONDUIT RUNS INSPECTED 5 WORKING DAYS PRIOR TO PLACING SIGNAL CABLE INTO SYSTEM. CONTACT THE WISDOT ELECTRICAL FIELD UNIT TO MAKE ARRANGEMENTS. (414) 266-1170.
3. THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT WHICH ARE NOT SHOWN.
4. ALL LUMINAIRES ARE LED-C UNLESS OTHERWISE NOTED.



- LOOP DETECTOR IN 1" NONMETALLIC CONDUIT
- PULL BOX, 24" X 36"
- PULL BOX, 24" X 42"
- XX SIGNAL HEAD NUMBER
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- R RED ARROW
- Y YELLOW ARROW
- G GREEN ARROW
- WALK/DON'T WALK INDICATOR 16" (COUNTDOWN TIMER)
- X EVP DESIGNATOR
- EVP DETECTOR HEAD
- V COMMUNICATIONS VAULT
- CCTV OBSERVATION CAMERA

NOTE: ALL LENSES ARE 12-INCH
GRAYSHADE REPRESENTS EXISTING

REVISION

REV. NO.	REPLACE VIDEO DETECTION ZONES 11, 31, 42, 43, 44, 51, 71, 82, 83 WITH LOOPS; INSTALL PB21 & PB22; INSTALL OBSERVATION CAMERA; UPDATE DETECTOR LOGIC TABLE			
	APPROVAL RECOMMENDED		APPROVED	
	REGION		CENTRAL OFFICE	
	DATE	BY	DATE	BY
1	8/3/26	JMM	8/6/26	TR

TRAFFIC CONTROL SIGNAL
STH 38 (S HOWELL AVE) & COLLEGE AVE (CTH ZZ)
CITY OF MILWAUKEE
MILWAUKEE COUNTY

SIGNAL NO. S40-1090
CABINET TYPE: TS2-S
CONTROLLER TYPE: ECONOLITE

WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVAL RECOMMENDED
DATE 12/20/13 — MITZI M. DOBERSEK, REGION TRAFFIC ENGINEER

APPROVED
DATE 1/8/14 — JOANNA L. BUSH, STATE TRAFFIC ENGINEER

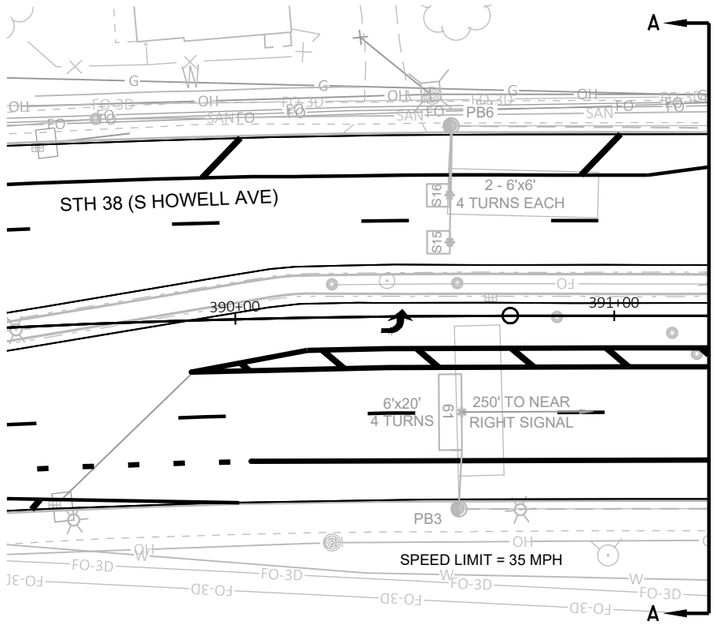
REGION CONTACT: K. WALKER
DESIGNED BY:
REVISED BY: TADI

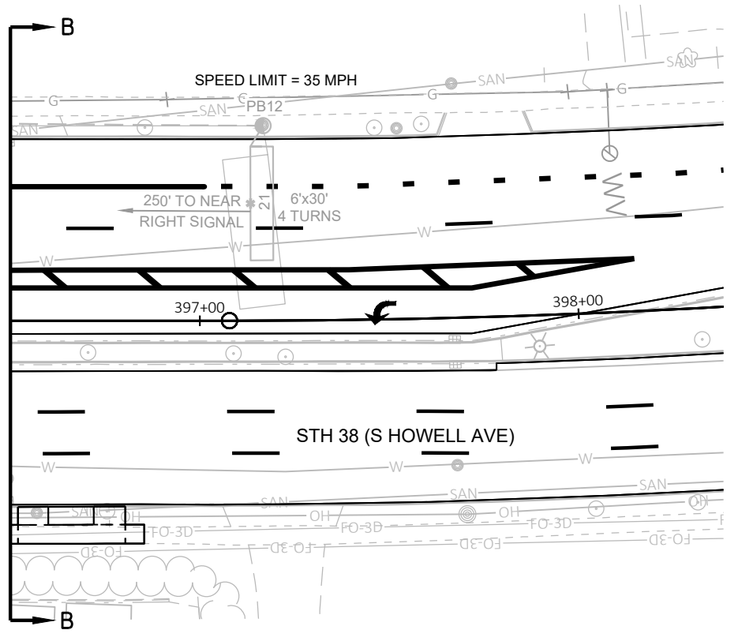
PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC SIGNAL PLAN	SHEET 318	E

FILE NAME : Z:\SHARED\WI\3035 STH 100 AND STH 38 SIGNALS\CAD\STH 38\S40-1090_COLLEGE.DWG
LAYOUT NAME - S40-1090_R1_pg1
PLOT DATE : 7/17/2026 2:18 PM
PLOT BY : DERRIN WOLFORD
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

2

N





TRAFFIC CONTROL SIGNAL
STH 38 (S HOWELL AVE) & COLLEGE AVE (CTH ZZ)
CITY OF MILWAUKEE
MILWAUKEE COUNTY

SIGNAL NO. S40-1090

REGION CONTACT: K. WALKER
DESIGNED BY:
REVISED BY: TADI

PAGE 2 OF 4

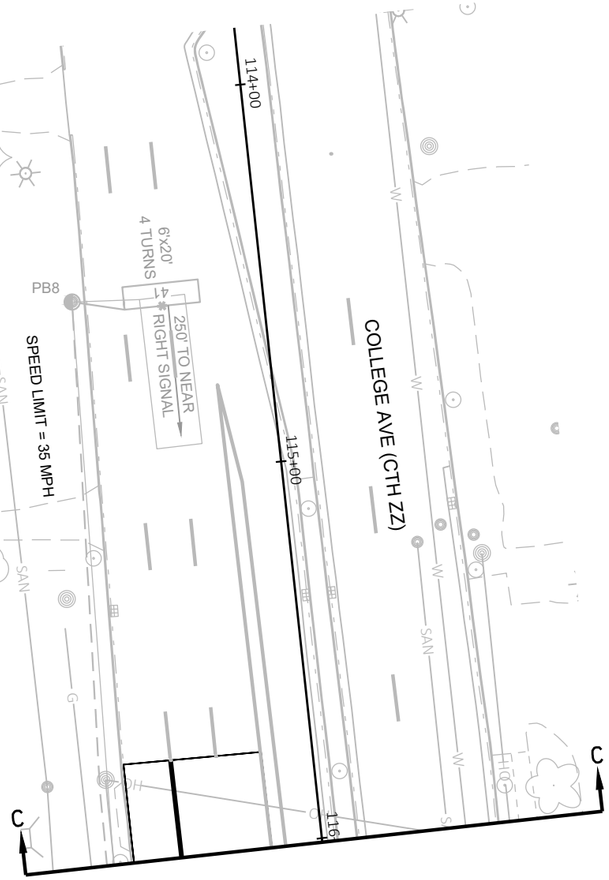
PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC SIGNAL PLAN	SHEET 319	E

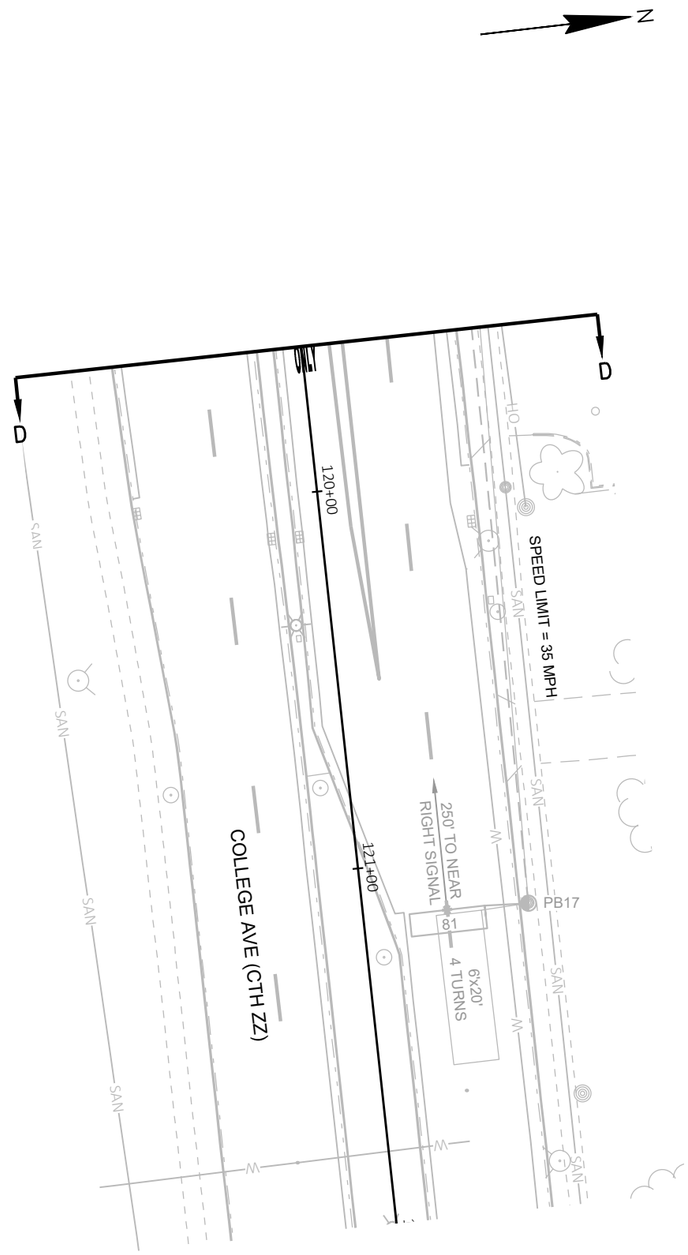
FILE NAME : Z:\SHARED\WI\3035 STH 100 AND STH 38 SIGNALS\CAD\STH 38\S40-1090_COLLEGE.DWG
LAYOUT NAME - S40-1090_R1_pg2

PLOT DATE : 1/7/2026 1:51 PM PLOT BY : DERRIN WOLFORD PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2





TRAFFIC CONTROL SIGNAL
STH 38 (S HOWELL AVE) & COLLEGE AVE (CTH ZZ)
CITY OF MILWAUKEE
MILWAUKEE COUNTY

SIGNAL NO. S40-1090

REGION CONTACT: K. WALKER
DESIGNED BY:
REVISED BY: TADI

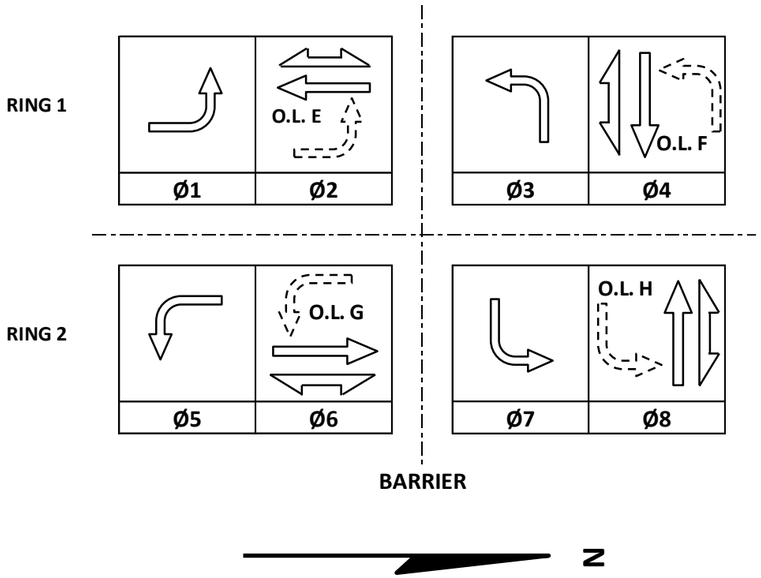
PAGE 3 OF 4

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC SIGNAL PLAN	SHEET 320	E

FILE NAME : Z:\SHARED\WI\3035 STH 100 AND STH 38 SIGNALS\CAD\STH 38\S40-1090_COLLEGE.DWG
LAYOUT NAME - S40-1090_R1_pg3

PLOT DATE : 1/7/2026 1:51 PM PLOT BY : DERRIN WOLFORD PLOT NAME : PLOT SCALE : 1 IN:40 FT

	HEAD NUMBERS	FLASH
Ø1	4,5	R ←
Ø2	6,7,8	R
Ø3	19,20	R ←
Ø4	11,12,13	R
Ø5	9,10	R ←
Ø6	1,2,3	R
Ø7	14,15	R ←
Ø8	16,17,18	R
Ø2P	23,24	
Ø4P	21,22	
Ø6P	27,28	
Ø8P	25,26	
OLE	4,5	-
OLF	19,20	-
OLG	9,10	-
OLH	14,15	-



CONTROLLER LOGIC

PHASE NUMBER	PHASE LOCKING	DUAL ENTRY W / Ø	PHASE RECALL	PHASE ACTIVE
1		6		X
2	X	6	MIN	X
3		8		X
4		8		X
5		2		X
6	X	2	MIN	X
7		4		X
8		4		X

EMERGENCY VEHICLE PREEMPTION SEQUENCE

EMERGENCY VEHICLE PREEMPTOR	A	B	C	D
MOVEMENT				
PHASE	2+5	6+1	4+7	8+3

AFTER PREEMPTION SEQUENCE 2+5 OR 6+1, CONTROLLER SHALL RETURN TO PHASES 2+6.
AFTER PREEMPTION SEQUENCE 4+7 OR 8+3, CONTROLLER SHALL RETURN TO PHASES 4+8.

TYPE OF INTERCONNECT/COMMUNICATION	
NONE	
CLOSED LOOP	
TWISTED PAIR	
FIBER OPTIC*	
FIBER OPTIC (ETHERNET)	X
RADIO	
CELL MODEM	

TYPE OF COORDINATION	
NONE	
TBC	X
TRAFFIC RESPONSIVE	X
ADAPTIVE	
*LOCATION OF MASTER CONTROLLER NO: S-	
SIGNAL SYSTEM NO: SS-	

TYPE OF LIGHTING	
BY OTHER AGENCY	
IN TRAFFIC CABINET	X
IN SEPARATE DOT LIGHTING CABINET	

TYPE OF PRE-EMPT	
NONE	
RAILROAD	
EMERGENCY VEHICLE	X
GTT	X
TOMAR	
HARDWIRE	
OTHER	
CONFIRMATION LIGHTS	
LIFT BRIDGE	
QUEUE DETECTION	

DETECTOR LOGIC

DETECTOR INPUT	3	1	7	5	11	9	15	13
PLAN LOOP DETECTOR*(S)	11	21	32	42	44	46	51	61
CALLED PHASE	1	2	3	4	4	4	5	6
CALL OPTION	X	X	X	X	X	X	X	X
DELAY TIME						X		
EXTENTION OPTION	X	X	X	X	X	X	X	X
EXTEND TIME								
USE ADDED INITIAL		X						X
CROSS SWITCH PHASE	2		4				6	

19	17	23	21	27	25	31	29	DETECTOR INPUT
72	82	84	S15					PLAN LOOP DETECTOR*(S)
7	8	8						CALLED PHASE
X	X	X						CALL OPTION
	X							DELAY TIME
X	X	X						EXTENTION OPTION
								EXTEND TIME
								USE ADDED INITIAL
8								CROSS SWITCH PHASE

DETECTOR INPUT	4	2	8	6	12	10	16	14
PLAN LOOP DETECTOR*(S)	12	31	41	43	45	47	52	71
CALLED PHASE	1	3	4	4	4	4	5	7
CALL OPTION	X	X		X	X	X	X	X
DELAY TIME						X		
EXTENTION OPTION	X	X	X	X	X	X	X	X
EXTEND TIME			X					
USE ADDED INITIAL								
CROSS SWITCH PHASE	2	4					6	8

20	18	24	22	28	26	32	30	DETECTOR INPUT
81	83	85	S16					PLAN LOOP DETECTOR*(S)
8	8	8						CALLED PHASE
	X	X						CALL OPTION
	X							DELAY TIME
X	X	X						EXTENTION OPTION
X								EXTEND TIME
								USE ADDED INITIAL
								CROSS SWITCH PHASE

STH 38 (S HOWELL AVE) & COLLEGE AVE (CTH ZZ)
CITY OF MILWAUKEE
MILWAUKEE COUNTY

SIGNAL NO: S40-1090 CABINET TYPE: TS2-S
CONTROLLER TYPE: ECONOLITE
DATE: 1/26 PAGE NUMBER: 4 OF 4

2

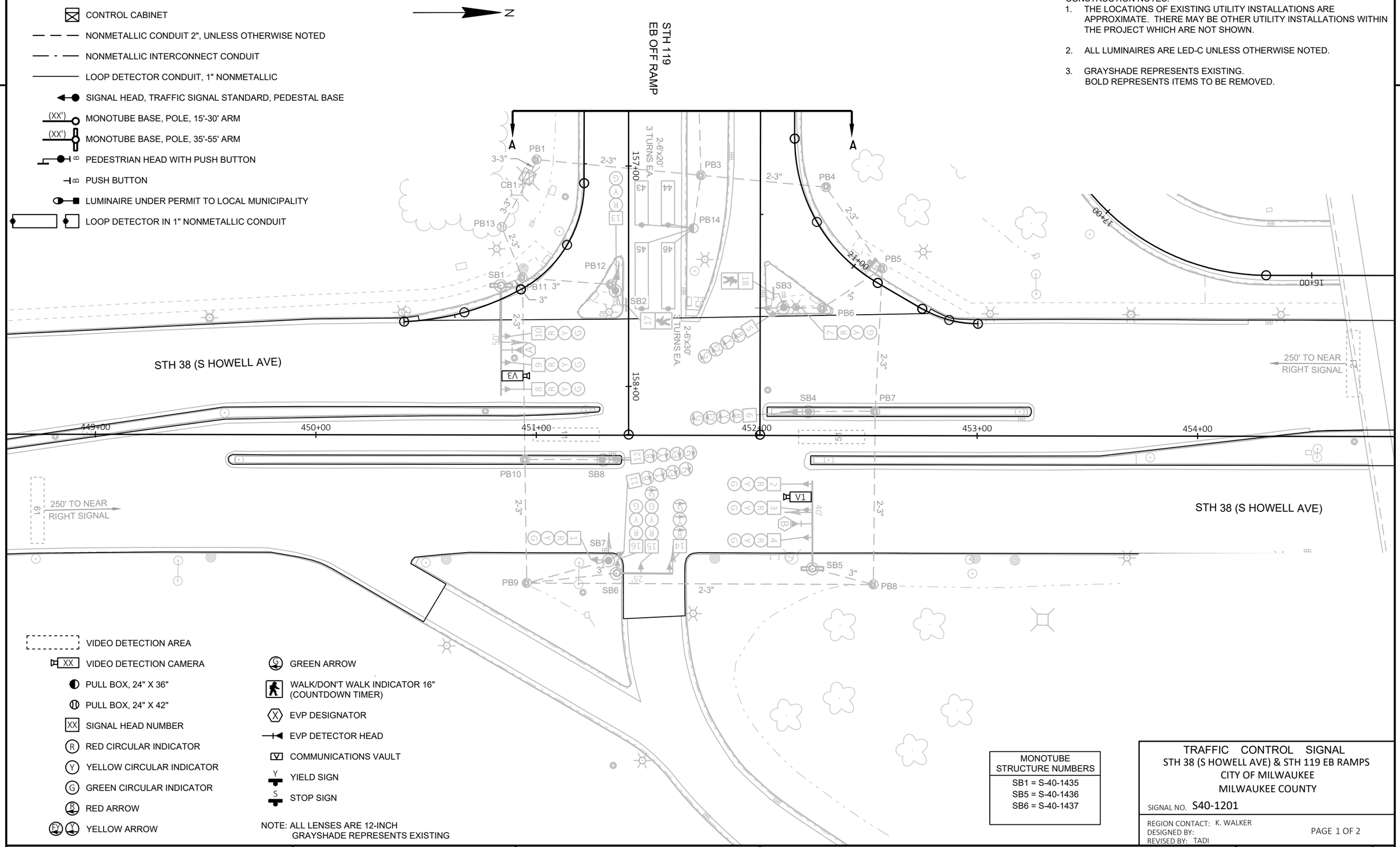
2

LEGEND

- CONTROL CABINET
- NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED
- NONMETALLIC INTERCONNECT CONDUIT
- LOOP DETECTOR CONDUIT, 1" NONMETALLIC
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX') MONOTUBE BASE, POLE, 15'-30' ARM
- (XX') MONOTUBE BASE, POLE, 35'-55' ARM
- B PEDESTRIAN HEAD WITH PUSH BUTTON
- B PUSH BUTTON
- LUMINAIRE UNDER PERMIT TO LOCAL MUNICIPALITY
- LOOP DETECTOR IN 1" NONMETALLIC CONDUIT

CONSTRUCTION NOTES:

1. THE LOCATIONS OF EXISTING UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT WHICH ARE NOT SHOWN.
2. ALL LUMINAIRES ARE LED-C UNLESS OTHERWISE NOTED.
3. GRAYSHADE REPRESENTS EXISTING.
   BOLD REPRESENTS ITEMS TO BE REMOVED.



- VIDEO DETECTION AREA
- XX VIDEO DETECTION CAMERA
- PULL BOX, 24" X 36"
- PULL BOX, 24" X 42"
- XX SIGNAL HEAD NUMBER
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- R RED ARROW
- FY Y YELLOW ARROW
- G GREEN ARROW
- WALK/DON'T WALK INDICATOR 16" (COUNTDOWN TIMER)
- X EVP DESIGNATOR
- EVP DETECTOR HEAD
- V COMMUNICATIONS VAULT
- Y YIELD SIGN
- S STOP SIGN

NOTE: ALL LENSES ARE 12-INCH
GRAYSHADE REPRESENTS EXISTING

MONOTUBE STRUCTURE NUMBERS
SB1 = S-40-1435
SB5 = S-40-1436
SB6 = S-40-1437

TRAFFIC CONTROL SIGNAL
STH 38 (S HOWELL AVE) & STH 119 EB RAMPS
CITY OF MILWAUKEE
MILWAUKEE COUNTY

SIGNAL NO. S40-1201

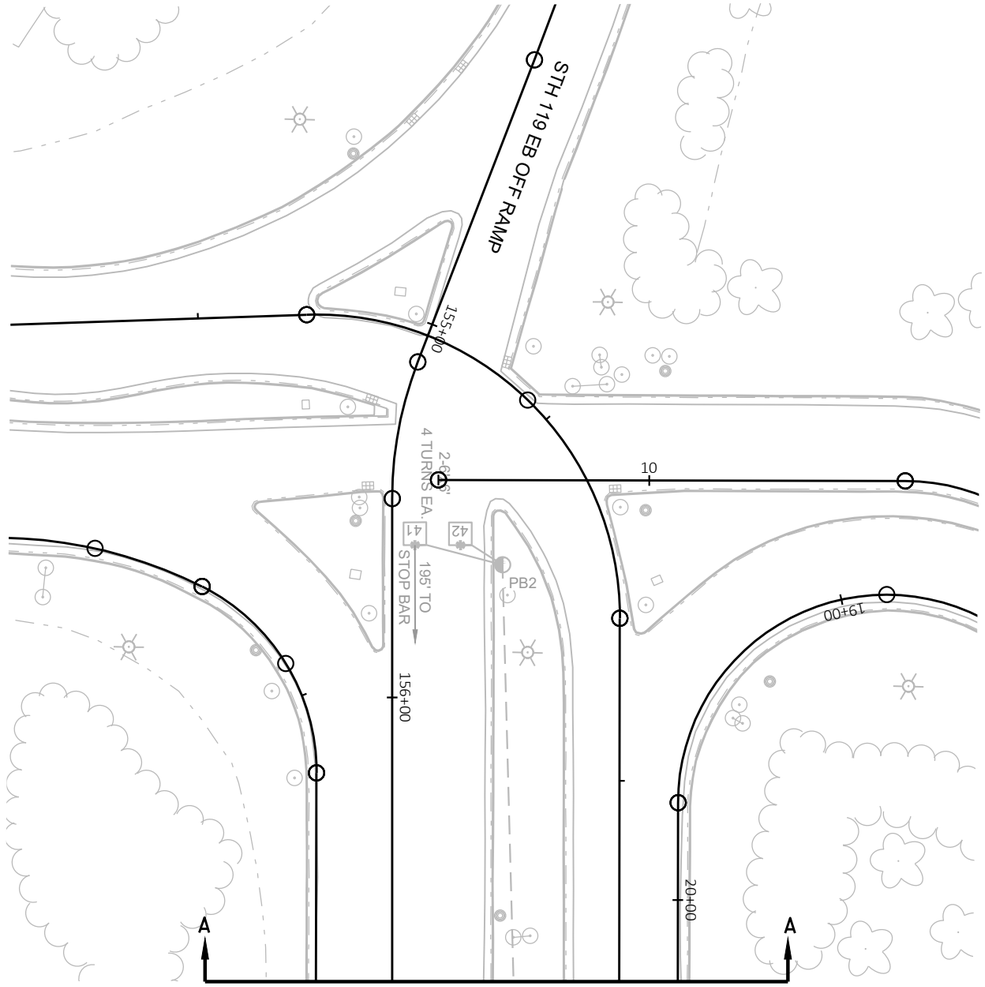
REGION CONTACT: K. WALKER
DESIGNED BY:
REVISED BY: TADI

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC SIGNAL REMOVAL PLAN	SHEET 322	E

FILE NAME : Z:\SHARED\WI\3035 STH 100 AND STH 38 SIGNALS\CAD\STH 38\EXISTING\S40-1201_REM_119EBRAMP_2060-20-70.DWG
LAYOUT NAME - S40-1201_rem_pg1
PLOT DATE : 10/22/2025 9:32 AM PLOT BY : DERRIN WOLFORD PLOT NAME : PLOT SCALE : ##########
WISDOT/CADDS SHEET 42

2

N



TRAFFIC CONTROL SIGNAL
STH 38 (S HOWELL AVE) & STH 119 EB RAMPS
CITY OF MILWAUKEE
MILWAUKEE COUNTY

SIGNAL NO. S40-1201

REGION CONTACT: K. WALKER
DESIGNED BY:
REVISED BY: TADI

PAGE 2 OF 2

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC SIGNAL REMOVAL PLAN	SHEET 323	E

FILE NAME : Z:\SHARED\WI\3035 STH 100 AND STH 38 SIGNALS\CAD\STH 38\EXISTING\S40-1201_REM_119EBRAMP_2060-20-70.DWG
LAYOUT NAME - S40-1201_rem_pg2

PLOT DATE : 10/22/2025 9:33 AM PLOT BY : DERRIN WOLFORD PLOT NAME : PLOT SCALE : ##########

2

LEGEND

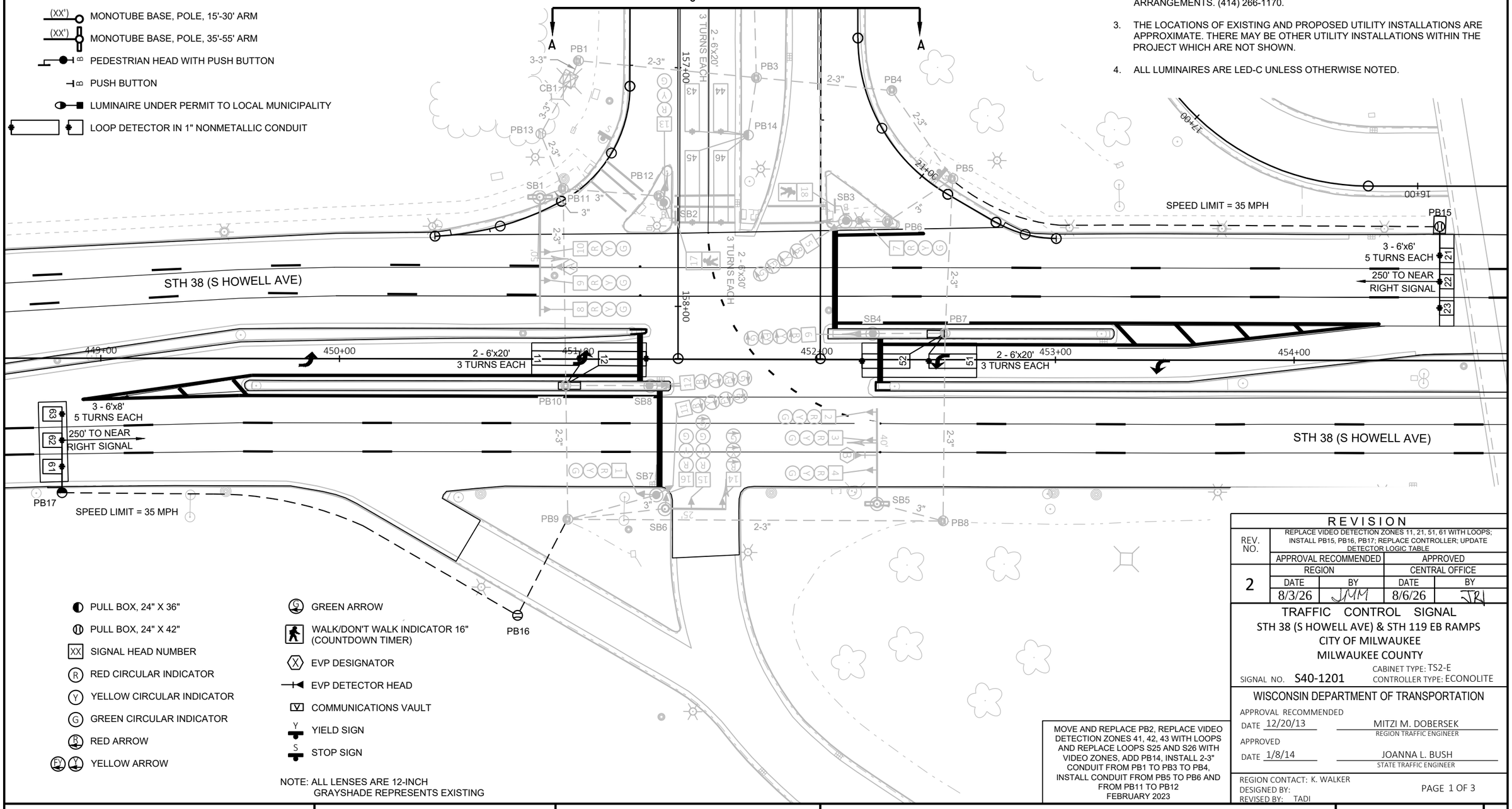
- CONTROL CABINET
- NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED
- NONMETALLIC INTERCONNECT CONDUIT
- LOOP DETECTOR CONDUIT, 1" NONMETALLIC
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX') MONOTUBE BASE, POLE, 15'-30' ARM
- (XX') MONOTUBE BASE, POLE, 35'-55' ARM
- PEDESTRIAN HEAD WITH PUSH BUTTON
- PUSH BUTTON
- LUMINAIRE UNDER PERMIT TO LOCAL MUNICIPALITY
- LOOP DETECTOR IN 1" NONMETALLIC CONDUIT

MONOTUBE STRUCTURE NUMBERS
SB1 = S-40-1435
SB5 = S-40-1436
SB6 = S-40-1437

N

CONSTRUCTION NOTES:

1. * LOCATION IS TO FRONT CENTER OF DETECTOR LOOP.
2. THE CONTRACTOR SHALL HAVE THE PULL BOXES AND CONDUIT RUNS INSPECTED 5 WORKING DAYS PRIOR TO PLACING SIGNAL CABLE INTO SYSTEM. CONTACT THE WISDOT ELECTRICAL FIELD UNIT TO MAKE ARRANGEMENTS. (414) 266-1170.
3. THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT WHICH ARE NOT SHOWN.
4. ALL LUMINAIRES ARE LED-C UNLESS OTHERWISE NOTED.



PULL BOX, 24" X 36"
PULL BOX, 24" X 42"
XX SIGNAL HEAD NUMBER
R RED CIRCULAR INDICATOR
Y YELLOW CIRCULAR INDICATOR
G GREEN CIRCULAR INDICATOR
RA RED ARROW
FY Y YELLOW ARROW

GREEN ARROW
WALK/DON'T WALK INDICATOR 16" (COUNTDOWN TIMER)
X EVP DESIGNATOR
EVP DETECTOR HEAD
COMMUNICATIONS VAULT
Y YIELD SIGN
S STOP SIGN

NOTE: ALL LENSES ARE 12-INCH
GRAYSHADE REPRESENTS EXISTING

MOVE AND REPLACE PB2, REPLACE VIDEO DETECTION ZONES 41, 42, 43 WITH LOOPS AND REPLACE LOOPS S25 AND S26 WITH VIDEO ZONES, ADD PB14, INSTALL 2-3" CONDUIT FROM PB1 TO PB3 TO PB4, INSTALL CONDUIT FROM PB5 TO PB6 AND FROM PB11 TO PB12
FEBRUARY 2023

REVISION

REV. NO.	REVISION			
	REPLACE VIDEO DETECTION ZONES 11, 21, 51, 61 WITH LOOPS; INSTALL PB15, PB16, PB17; REPLACE CONTROLLER; UPDATE DETECTOR LOGIC TABLE			
	APPROVAL RECOMMENDED		APPROVED	
2	REGION		CENTRAL OFFICE	
	DATE	BY	DATE	BY
	8/3/26	JMM	8/6/26	JBL

TRAFFIC CONTROL SIGNAL
STH 38 (S HOWELL AVE) & STH 119 EB RAMPS
CITY OF MILWAUKEE
MILWAUKEE COUNTY

SIGNAL NO. S40-1201
CABINET TYPE: TS2-E
CONTROLLER TYPE: ECONOLITE

WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVAL RECOMMENDED
DATE 12/20/13 — MITZI M. DOBERSEK, REGION TRAFFIC ENGINEER

APPROVED
DATE 1/8/14 — JOANNA L. BUSH, STATE TRAFFIC ENGINEER

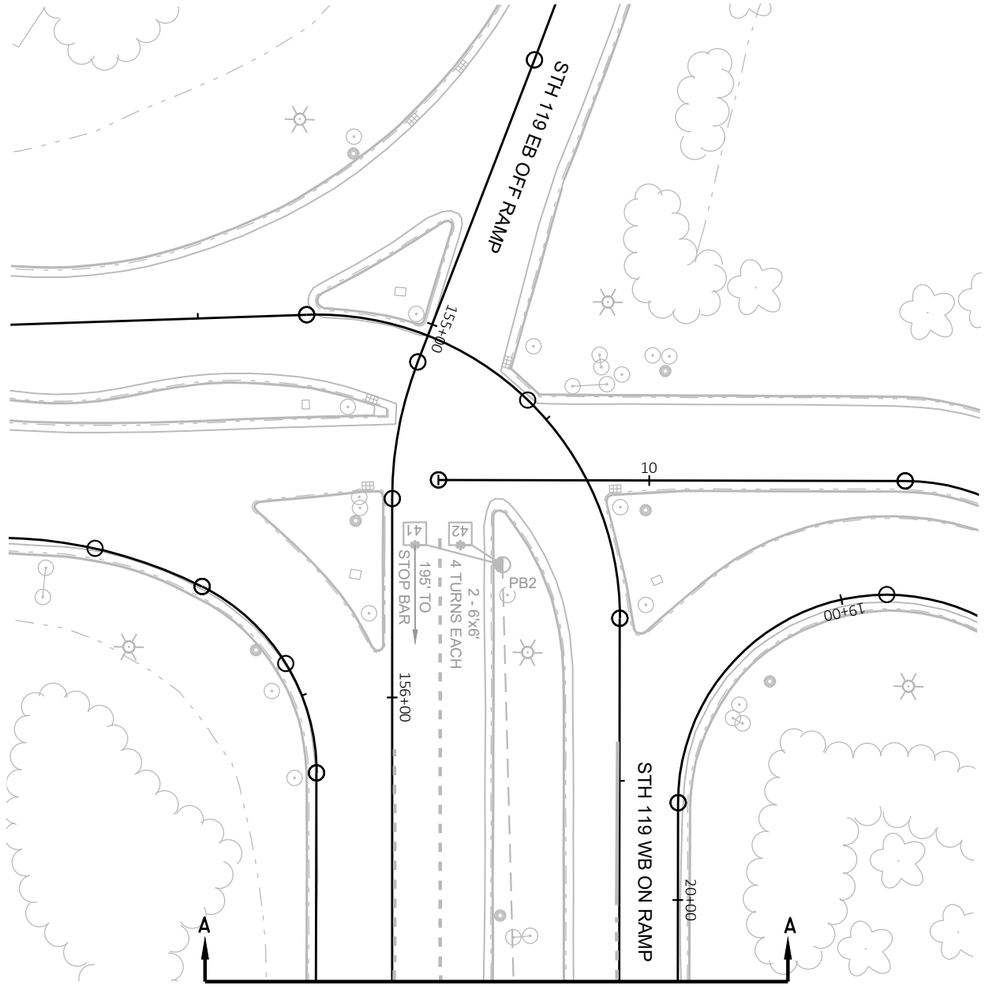
REGION CONTACT: K. WALKER
DESIGNED BY:
REVISED BY: TADI

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC SIGNAL PLAN	SHEET 324	E

FILE NAME : Z:\SHARED\WI\3035 STH 100 AND STH 38 SIGNALS\CAD\STH 38\S40-1201_119EBRAMP.DWG
LAYOUT NAME - S40-1201_R2_pg1
PLOT DATE : 7/17/2026 2:23 PM
PLOT BY : DERRIN WOLFORD
PLOT NAME :
PLOT SCALE : ##########

2

N



TRAFFIC CONTROL SIGNAL
STH 38 (S HOWELL AVE) & STH 119 EB RAMPS
CITY OF MILWAUKEE
MILWAUKEE COUNTY

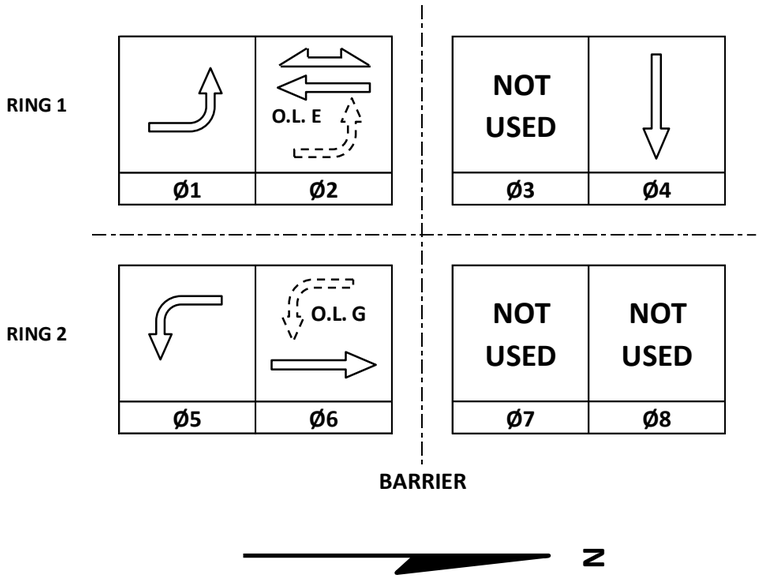
SIGNAL NO. S40-1201

REGION CONTACT: K.WALKER
DESIGNED BY:
REVISED BY: TADI

PAGE 2 OF 3

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC SIGNAL PLAN	SHEET 325	E

	HEAD NUMBERS	FLASH
Ø1	5,6	R ←
Ø2	7,8,9,10	R
Ø3		
Ø4	13,14,15,16	R, R ←
Ø5	11,12	R ←
Ø6	1,2,3,4	R
Ø7		
Ø8		
Ø2P	17,18	
Ø4P		
Ø6P		
Ø8P		
OLE	5,6	-
OLF		
OLG	11,12	-
OLH		



CONTROLLER LOGIC

PHASE NUMBER	PHASE LOCKING	DUAL ENTRY W / Ø	PHASE RECALL	PHASE ACTIVE
1		6		X
2	X	6	MIN	X
3				
4		8		X
5		2		X
6	X	2	MIN	X
7				
8				

EMERGENCY VEHICLE PREEMPTION SEQUENCE

EMERGENCY VEHICLE PREEMPTOR	A	B
MOVEMENT	←	→
PHASE	2+5	6+1

AFTER PREEMPTION SEQUENCE 2+5 OR 6+1, CONTROLLER SHALL RETURN TO PHASES 2+6.

TYPE OF INTERCONNECT/COMMUNICATION	
NONE	
CLOSED LOOP	
TWISTED PAIR	
FIBER OPTIC*	
FIBER OPTIC (ETHERNET)	X
RADIO	
CELL MODEM	

TYPE OF COORDINATION	
NONE	
TBC	X
TRAFFIC RESPONSIVE	
ADAPTIVE	
*LOCATION OF MASTER CONTROLLER NO: S-	
SIGNAL SYSTEM NO: SS-	

TYPE OF LIGHTING	
BY OTHER AGENCY	X
IN TRAFFIC CABINET	
IN SEPARATE DOT LIGHTING CABINET	

TYPE OF PRE-EMPT	
NONE	
RAILROAD	
EMERGENCY VEHICLE	X
GTT	X
TOMAR	
HARDWIRE	
OTHER	
CONFIRMATION LIGHTS	
LIFT BRIDGE	
QUEUE DETECTION	

DETECTOR LOGIC

DETECTOR INPUT	3	1	7	5	11	9	15	13
PLAN LOOP DETECTOR*(S)	11	21	23	42	44	46	52	62
CALLED PHASE	1	2	2	4	4	4	5	6
CALL OPTION	X	X	X		X	X	X	X
DELAY TIME								
EXTENTION OPTION	X	X	X	X	X	X	X	X
EXTEND TIME				X				
USE ADDED INITIAL		X	X					X
CROSS SWITCH PHASE	2						6	

19	17	23	21	27	25	31	29	DETECTOR INPUT
								PLAN LOOP DETECTOR*(S)
								CALLED PHASE
								CALL OPTION
								DELAY TIME
								EXTENTION OPTION
								EXTEND TIME
								USE ADDED INITIAL
								CROSS SWITCH PHASE

DETECTOR INPUT	4	2	8	6	12	10	16	14
PLAN LOOP DETECTOR*(S)	12	22	41	43	45	51	61	63
CALLED PHASE	1	2	4	4	4	5	6	6
CALL OPTION	X	X		X	X	X	X	X
DELAY TIME								
EXTENTION OPTION	X	X	X	X	X	X	X	X
EXTEND TIME			X					
USE ADDED INITIAL		X					X	X
CROSS SWITCH PHASE	2					6		

20	18	24	22	28	26	32	30	DETECTOR INPUT
								PLAN LOOP DETECTOR*(S)
								CALLED PHASE
								CALL OPTION
								DELAY TIME
								EXTENTION OPTION
								EXTEND TIME
								USE ADDED INITIAL
								CROSS SWITCH PHASE

STH 38 (S HOWELL AVE) & STH 119 EB RAMPS
CITY OF MILWAUKEE
MILWAUKEE COUNTY

SIGNAL NO: S40-1201 CABINET TYPE: TS2-E
CONTROLLER TYPE: ECONOLITE
DATE: 1/26 PAGE NUMBER: 3 OF 3

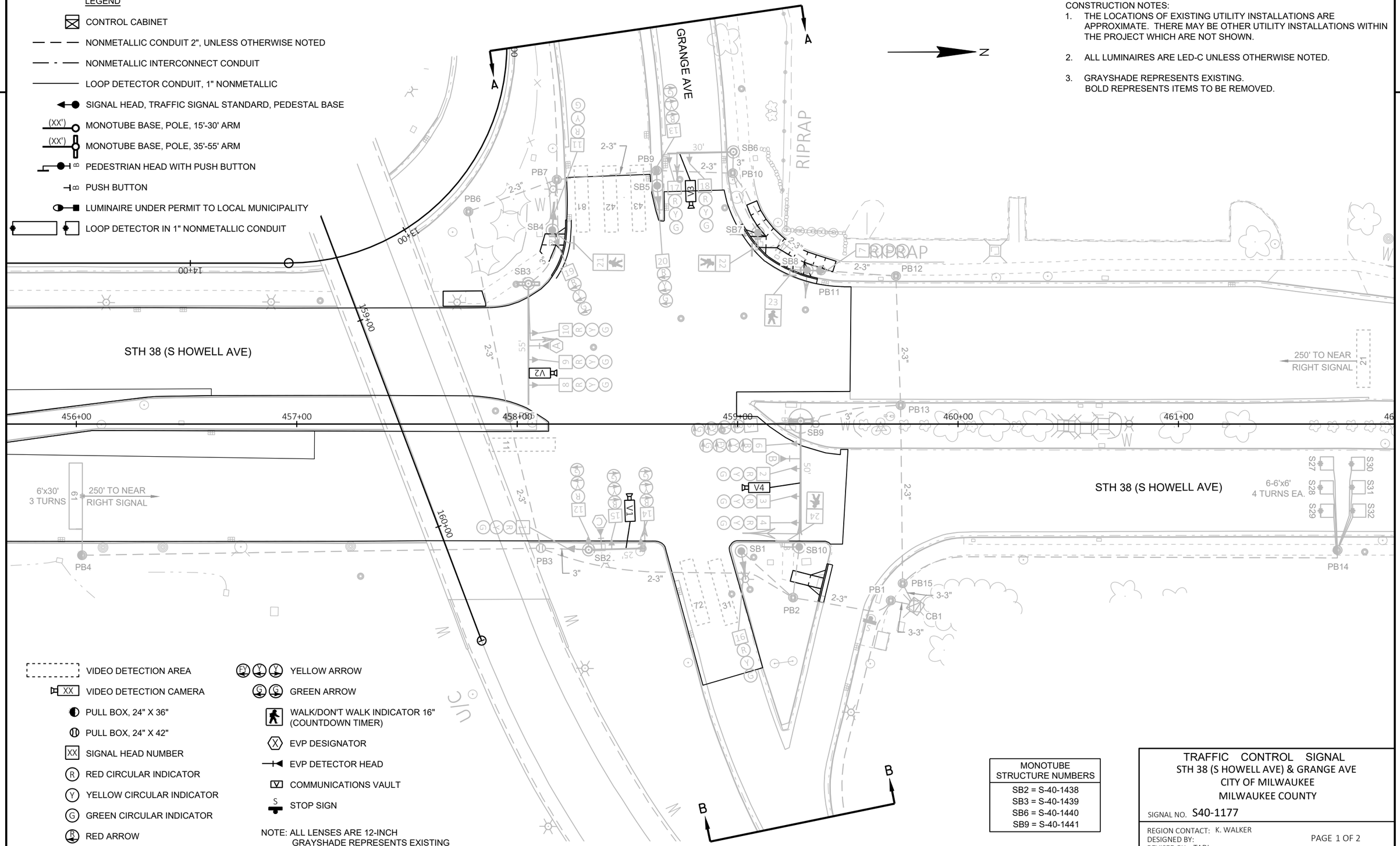
2

LEGEND

- CONTROL CABINET
- NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED
- NONMETALLIC INTERCONNECT CONDUIT
- LOOP DETECTOR CONDUIT, 1" NONMETALLIC
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX') MONOTUBE BASE, POLE, 15'-30' ARM
- (XX') MONOTUBE BASE, POLE, 35'-55' ARM
- PEDESTRIAN HEAD WITH PUSH BUTTON
- PUSH BUTTON
- LUMINAIRE UNDER PERMIT TO LOCAL MUNICIPALITY
- LOOP DETECTOR IN 1" NONMETALLIC CONDUIT

CONSTRUCTION NOTES:

1. THE LOCATIONS OF EXISTING UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT WHICH ARE NOT SHOWN.
2. ALL LUMINAIRES ARE LED-C UNLESS OTHERWISE NOTED.
3. GRAYSHADE REPRESENTS EXISTING.
   BOLD REPRESENTS ITEMS TO BE REMOVED.



- VIDEO DETECTION AREA
- XX VIDEO DETECTION CAMERA
- PULL BOX, 24" X 36"
- PULL BOX, 24" X 42"
- XX SIGNAL HEAD NUMBER
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- R RED ARROW
- Y YELLOW ARROW
- G GREEN ARROW
- WALK/DON'T WALK INDICATOR 16" (COUNTDOWN TIMER)
- X EVP DESIGNATOR
- EVP DETECTOR HEAD
- V COMMUNICATIONS VAULT
- S STOP SIGN

NOTE: ALL LENSES ARE 12-INCH
GRAYSHADE REPRESENTS EXISTING

MONOTUBE STRUCTURE NUMBERS
SB2 = S-40-1438
SB3 = S-40-1439
SB6 = S-40-1440
SB9 = S-40-1441

TRAFFIC CONTROL SIGNAL

STH 38 (S HOWELL AVE) & GRANGE AVE
CITY OF MILWAUKEE
MILWAUKEE COUNTY

SIGNAL NO. S40-1177

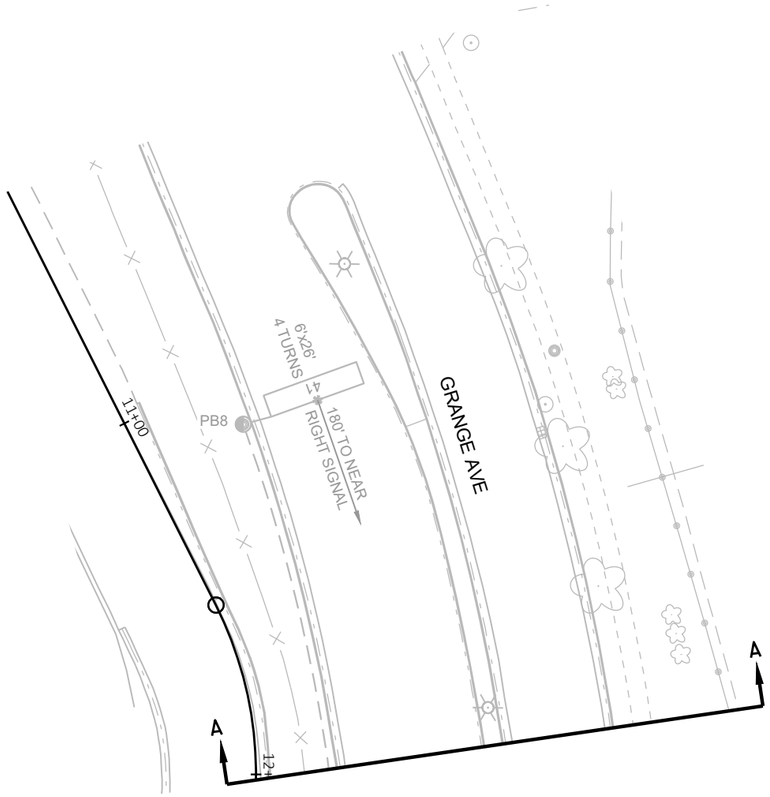
REGION CONTACT: K. WALKER
DESIGNED BY:
REVISED BY: TADI

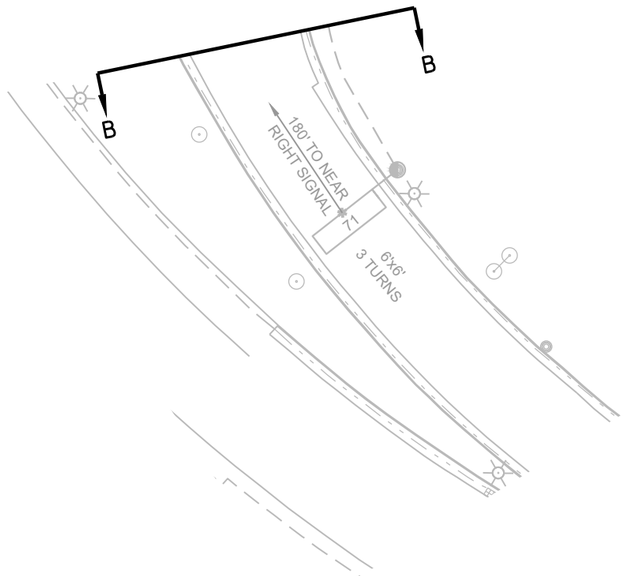
PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC SIGNAL REMOVAL PLAN	SHEET 327	E

FILE NAME : Z:\SHARED\WI\3035 STH 100 AND STH 38 SIGNALS\CAD\STH 38\EXISTING\S40-1177_REM_GRANGE_2060-20-70.DWG
LAYOUT NAME - S40-1177_rem_pg1

PLOT DATE : 10/22/2025 10:14 AM PLOT BY : DERRIN WOLFORD PLOT NAME : PLOT SCALE : 1 IN:40 FT

2





TRAFFIC CONTROL SIGNAL
STH 38 (S HOWELL AVE) & GRANGE AVE
CITY OF MILWAUKEE
MILWAUKEE COUNTY

SIGNAL NO. S40-1177

REGION CONTACT: K. WALKER
DESIGNED BY:
REVISED BY: TADI

PAGE 2 OF 2

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC SIGNAL PLAN	SHEET 328	E

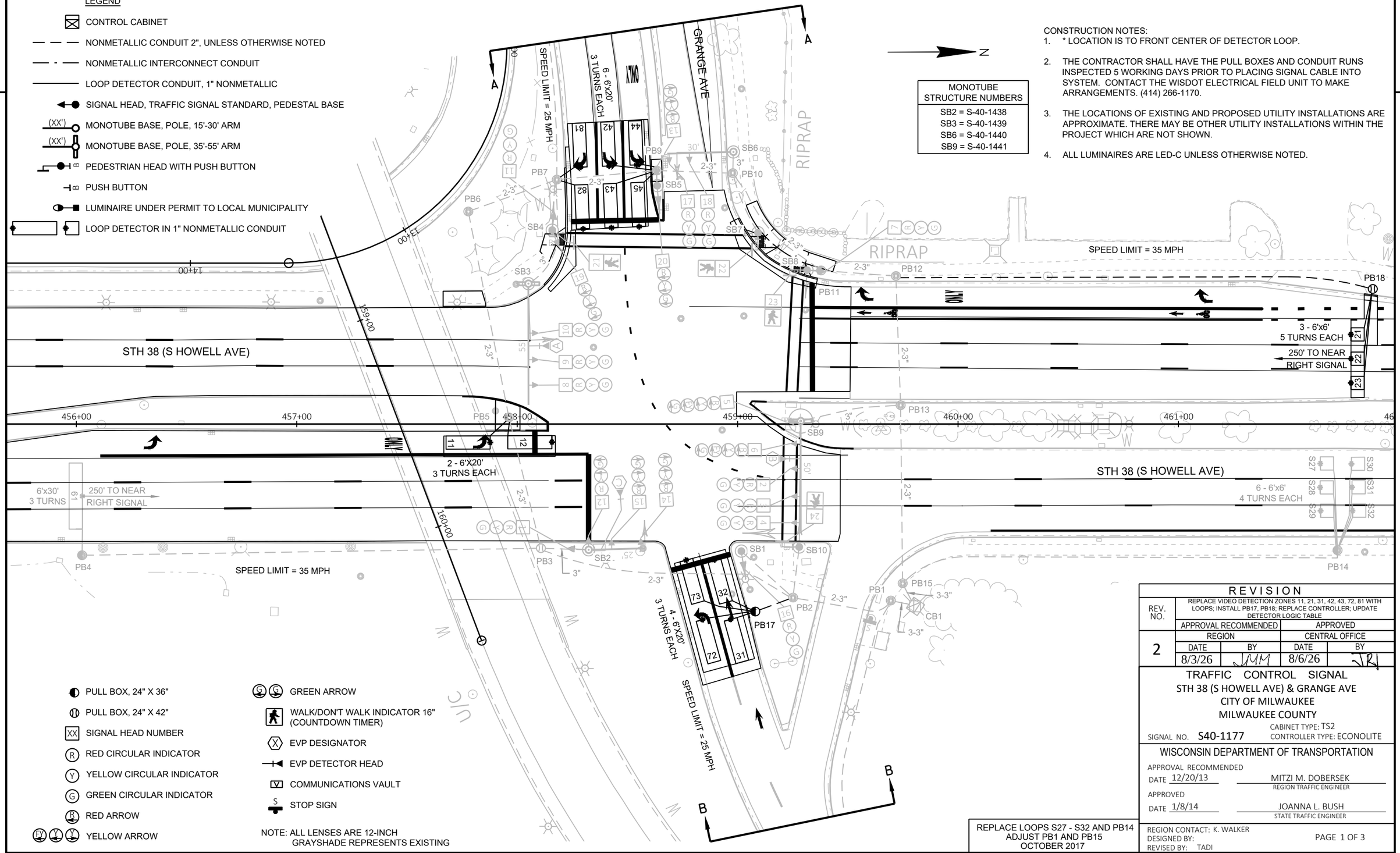
FILE NAME : Z:\SHARED\WI\3035 STH 100 AND STH 38 SIGNALS\CAD\STH 38\EXISTING\S40-1177_REM_GRANGE_2060-20-70.DWG
LAYOUT NAME - S40-1177_rem_pg2

PLOT DATE : 10/22/2025 10:15 AM PLOT BY : DERRIN WOLFORD PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND

- CONTROL CABINET
- NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED
- NONMETALLIC INTERCONNECT CONDUIT
- LOOP DETECTOR CONDUIT, 1" NONMETALLIC
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX') MONOTUBE BASE, POLE, 15'-30' ARM
- (XX') MONOTUBE BASE, POLE, 35'-55' ARM
- PEDESTRIAN HEAD WITH PUSH BUTTON
- PUSH BUTTON
- LUMINAIRE UNDER PERMIT TO LOCAL MUNICIPALITY
- LOOP DETECTOR IN 1" NONMETALLIC CONDUIT



MONOTUBE STRUCTURE NUMBERS
SB2 = S-40-1438
SB3 = S-40-1439
SB6 = S-40-1440
SB9 = S-40-1441

CONSTRUCTION NOTES:

1. * LOCATION IS TO FRONT CENTER OF DETECTOR LOOP.
2. THE CONTRACTOR SHALL HAVE THE PULL BOXES AND CONDUIT RUNS INSPECTED 5 WORKING DAYS PRIOR TO PLACING SIGNAL CABLE INTO SYSTEM. CONTACT THE WISDOT ELECTRICAL FIELD UNIT TO MAKE ARRANGEMENTS. (414) 266-1170.
3. THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT WHICH ARE NOT SHOWN.
4. ALL LUMINAIRES ARE LED-C UNLESS OTHERWISE NOTED.

- PULL BOX, 24" X 36"
- PULL BOX, 24" X 42"
- XX SIGNAL HEAD NUMBER
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- RED ARROW
- YELLOW ARROW
- GREEN ARROW
- WALK/DON'T WALK INDICATOR 16" (COUNTDOWN TIMER)
- X EVP DESIGNATOR
- EVP DETECTOR HEAD
- COMMUNICATIONS VAULT
- S STOP SIGN

NOTE: ALL LENSES ARE 12-INCH
GRAYSHADE REPRESENTS EXISTING

REPLACE LOOPS S27 - S32 AND PB14
ADJUST PB1 AND PB15
OCTOBER 2017

REVISION				
REV. NO.	REPLACE VIDEO DETECTION ZONES 11, 21, 31, 42, 43, 72, 81 WITH LOOPS; INSTALL PB17, PB18; REPLACE CONTROLLER; UPDATE DETECTOR LOGIC TABLE			
	APPROVAL RECOMMENDED		APPROVED	
2	REGION		CENTRAL OFFICE	
	DATE	BY	DATE	BY
	8/3/26	JMM	8/6/26	JRI

TRAFFIC CONTROL SIGNAL
STH 38 (S HOWELL AVE) & GRANGE AVE
CITY OF MILWAUKEE
MILWAUKEE COUNTY

SIGNAL NO. S40-1177
CABINET TYPE: TS2
CONTROLLER TYPE: ECONOLITE

WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVAL RECOMMENDED
DATE 12/20/13 — MITZI M. DOBERSEK, REGION TRAFFIC ENGINEER

APPROVED
DATE 1/8/14 — JOANNA L. BUSH, STATE TRAFFIC ENGINEER

REGION CONTACT: K. WALKER
DESIGNED BY:
REVISED BY: TADI

PAGE 1 OF 3

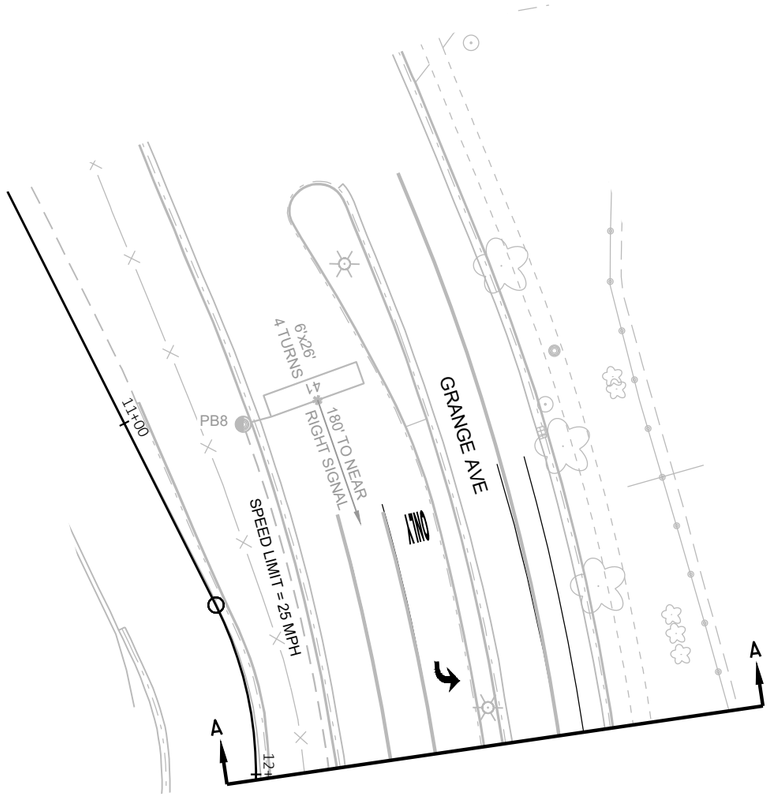
PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC SIGNAL PLAN	SHEET 329	E

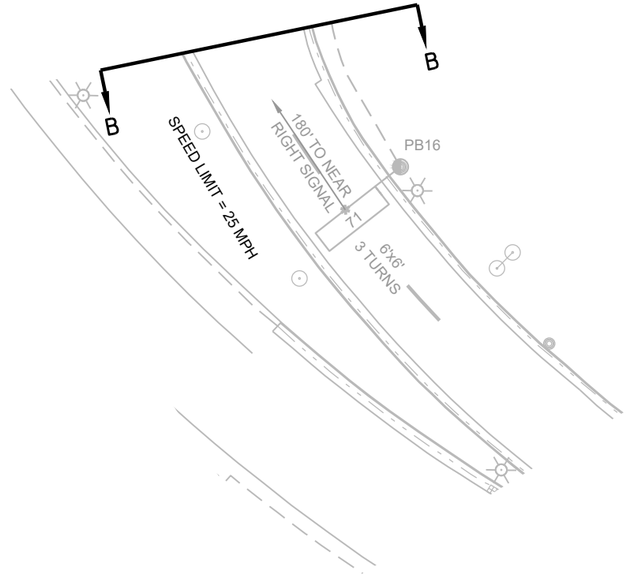
FILE NAME : Z:\SHARED\WI\3035 STH 100 AND STH 38 SIGNALS\CAD\STH 38\S40-1177_GRANGE.DWG
LAYOUT NAME - S40-1177_R2_pg1
PLOT DATE : 7/17/2026 2:26 PM
PLOT BY : DERRIN WOLFORD
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

N





TRAFFIC CONTROL SIGNAL
STH 38 (S HOWELL AVE) & GRANGE AVE
CITY OF MILWAUKEE
MILWAUKEE COUNTY

SIGNAL NO. S40-1177

REGION CONTACT: K. WALKER
DESIGNED BY:
REVISED BY: TADI

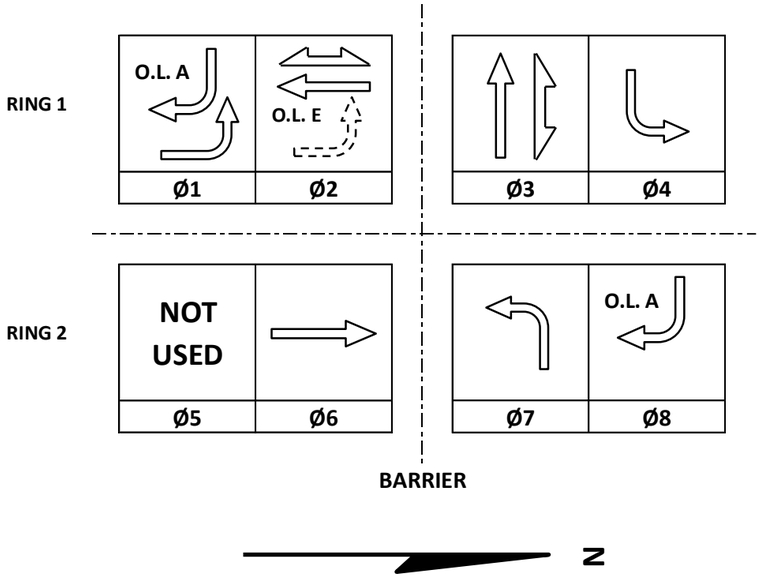
PAGE 2 OF 3

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC SIGNAL PLAN	SHEET 330	E

FILE NAME : Z:\SHARED\WI\3035 STH 100 AND STH 38 SIGNALS\CAD\STH 38\S40-1177_GRANGE.DWG
LAYOUT NAME - S40-1177_R2_pg2

PLOT DATE : 1/12/2026 4:58 PM PLOT BY : DERRIN WOLFORD PLOT NAME : PLOT SCALE : 1 IN:40 FT

	HEAD NUMBERS	FLASH
Ø1	5,6	R
Ø2	7,8,9,10	R
Ø3	16,17,18	R
Ø4	13,14,15	R
Ø5		
Ø6	1,2,3,4	R
Ø7	19,20	R
Ø8	11,12	R
Ø2P	21,22	
Ø4P	23,24	
Ø6P		
Ø8P		
OLA	11,12	R
OLB		
OLC		
OLD		
OLE	5,6	-
OLF		
OLG		
OLH		



CONTROLLER LOGIC

PHASE NUMBER	PHASE LOCKING	DUAL ENTRY W / Ø	PHASE RECALL	PHASE ACTIVE
1		6		X
2	X	6	MIN	X
3		7		X
4		7		X
5				
6	X	2	MIN	X
7		4		X
8		4		X

EMERGENCY VEHICLE PREEMPTION SEQUENCE

EMERGENCY VEHICLE PREEMPTOR	A	B	C
MOVEMENT			O.L.A
PHASE	2+6	6+1	4+8

AFTER PREEMPTION SEQUENCE 2+6 OR 6+1, CONTROLLER SHALL RETURN TO PHASES 2+6.
AFTER PREEMPTION SEQUENCE 4+8, CONTROLLER SHALL RETURN TO PHASES 4+8.

TYPE OF INTERCONNECT/COMMUNICATION	
NONE	
CLOSED LOOP	
TWISTED PAIR	
FIBER OPTIC*	
FIBER OPTIC (ETHERNET)	X
RADIO	
CELL MODEM	

TYPE OF COORDINATION	
NONE	
TBC	X
TRAFFIC RESPONSIVE	X
ADAPTIVE	
*LOCATION OF MASTER CONTROLLER NO: S-	
SIGNAL SYSTEM NO: SS-	

TYPE OF LIGHTING	
BY OTHER AGENCY	X
IN TRAFFIC CABINET	
IN SEPARATE DOT LIGHTING CABINET	

TYPE OF PRE-EMPT	
NONE	
RAILROAD	
EMERGENCY VEHICLE	X
GTT	X
TOMAR	
HARDWIRE	
OTHER	
CONFIRMATION LIGHTS	
LIFT BRIDGE	
QUEUE DETECTION	

DETECTOR LOGIC

DETECTOR INPUT	3	1	7	5	11	9	15	13
PLAN LOOP DETECTOR*(S)	11	21	23	32	42	44	61	72
CALLED PHASE	1	2	2	3	4	4	6	7
CALL OPTION	X	X	X	X	X	X	X	X
DELAY TIME								
EXTENTION OPTION	X	X	X	X	X	X	X	X
EXTEND TIME								
USE ADDED INITIAL		X	X				X	
CROSS SWITCH PHASE	2							

19	17	23	21	27	25	31	29	DETECTOR INPUT
81	S27	S29	S31					PLAN LOOP DETECTOR*(S)
8								CALLED PHASE
X								CALL OPTION
X								DELAY TIME
X								EXTENTION OPTION
								EXTEND TIME
								USE ADDED INITIAL
								CROSS SWITCH PHASE

DETECTOR INPUT	4	2	8	6	12	10	16	14
PLAN LOOP DETECTOR*(S)	12	22	31	41	43	45	71	73
CALLED PHASE	1	2	3	4	4	4	7	7
CALL OPTION	X	X	X		X	X		X
DELAY TIME								
EXTENTION OPTION	X	X	X	X	X	X	X	X
EXTEND TIME				X			X	
USE ADDED INITIAL		X						
CROSS SWITCH PHASE	2							

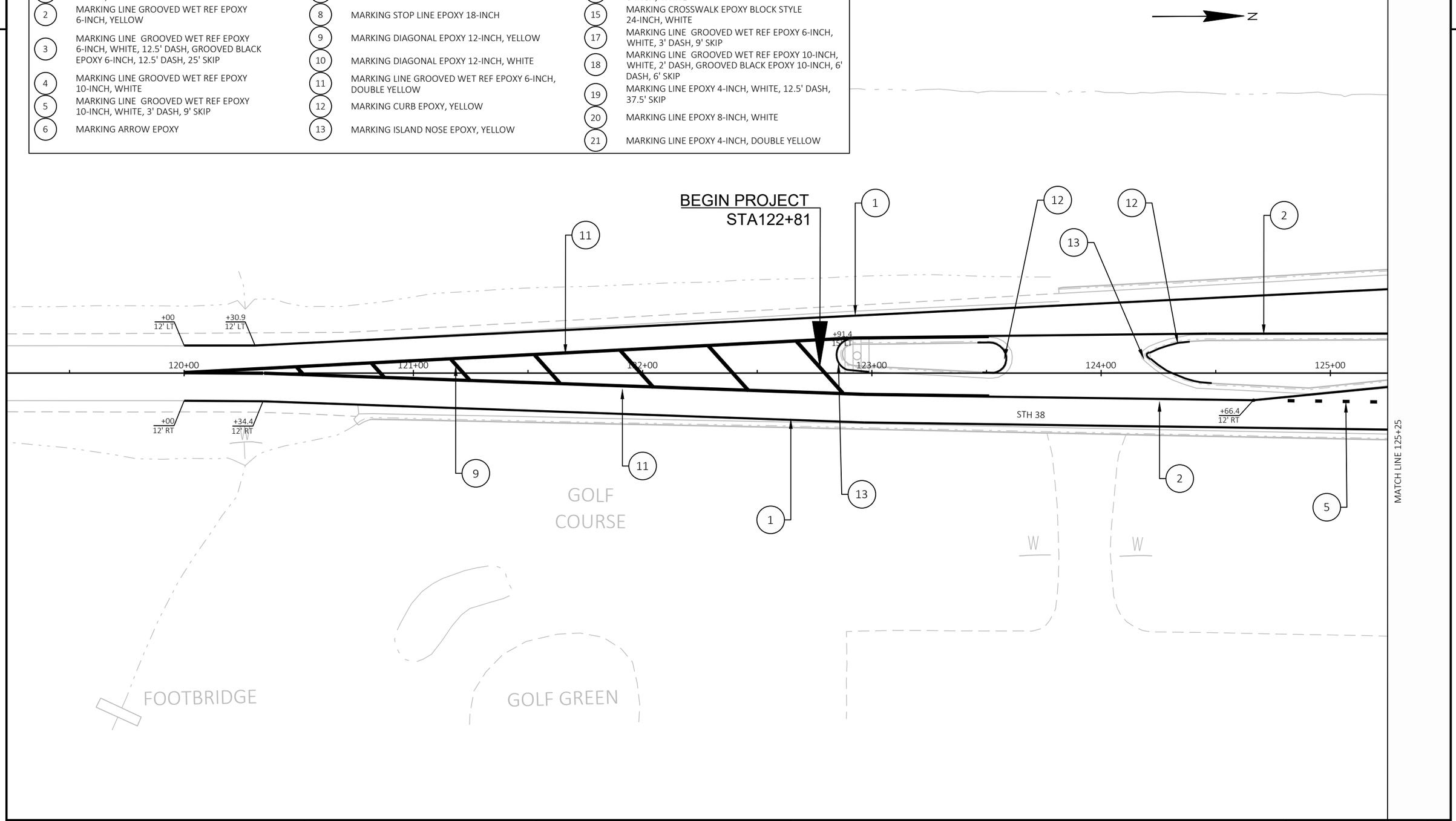
20	18	24	22	28	26	32	30	DETECTOR INPUT
82	S28	S30	S32					PLAN LOOP DETECTOR*(S)
8								CALLED PHASE
X								CALL OPTION
X								DELAY TIME
X								EXTENTION OPTION
								EXTEND TIME
								USE ADDED INITIAL
								CROSS SWITCH PHASE

STH 38 (S HOWELL AVE) & GRANGE AVE
CITY OF MILWAUKEE
MILWAUKEE COUNTY
SIGNAL NO: S40-1177 CABINET TYPE: TS2
CONTROLLER TYPE: ECONOLITE
DATE: 1/26 PAGE NUMBER: 3 OF 3

2

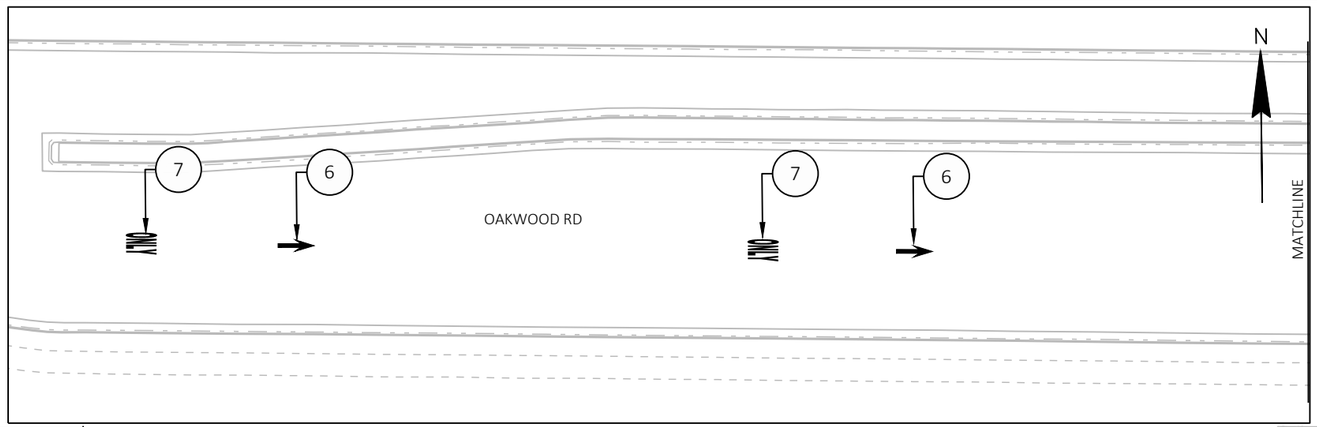
LEGEND

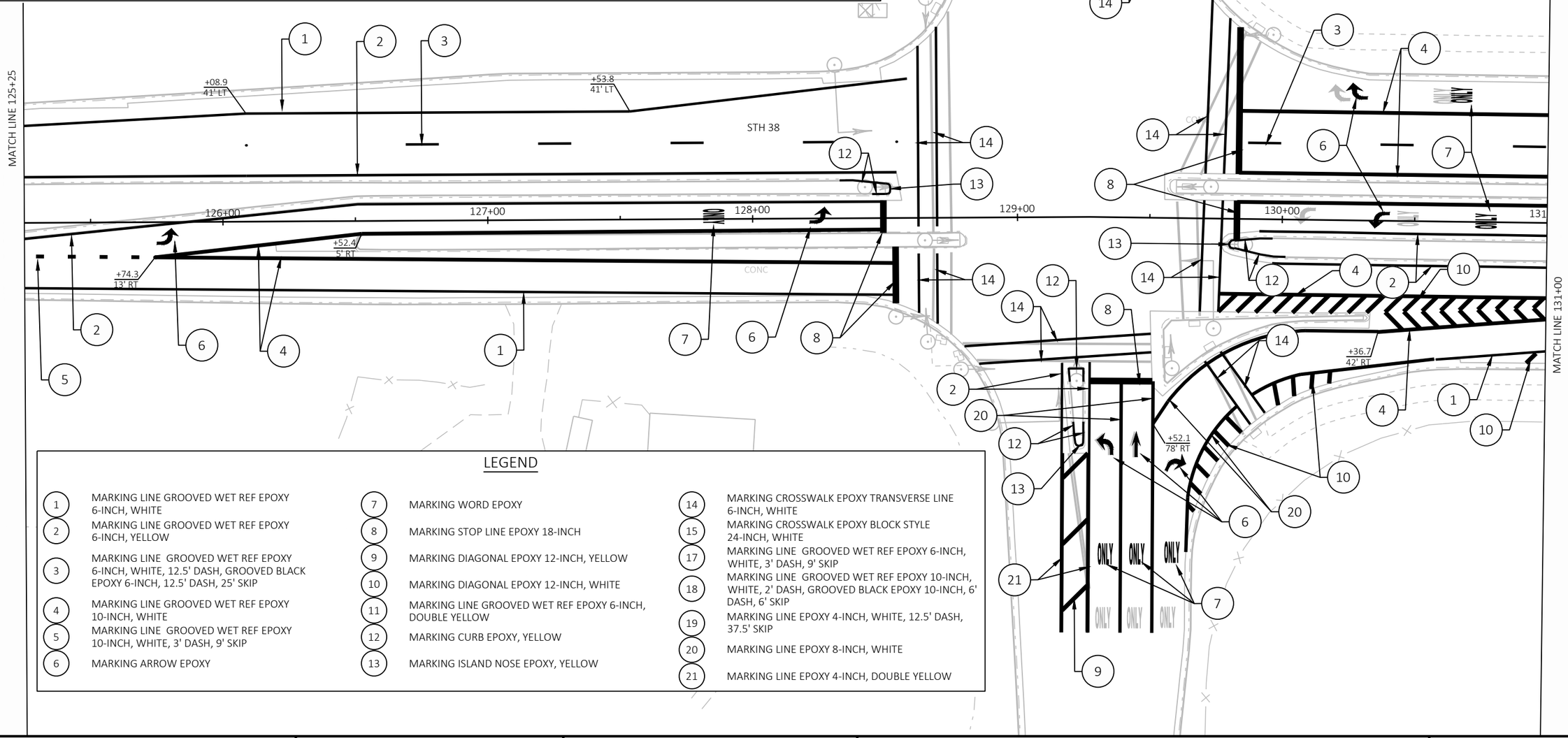
1. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE
2. MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW
3. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 12.5' DASH, GROOVED BLACK EPOXY 6-INCH, 12.5' DASH, 25' SKIP
4. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE
5. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 3' DASH, 9' SKIP
6. MARKING ARROW EPOXY
7. MARKING WORD EPOXY
8. MARKING STOP LINE EPOXY 18-INCH
9. MARKING DIAGONAL EPOXY 12-INCH, YELLOW
10. MARKING DIAGONAL EPOXY 12-INCH, WHITE
11. MARKING LINE GROOVED WET REF EPOXY 6-INCH, DOUBLE YELLOW
12. MARKING CURB EPOXY, YELLOW
13. MARKING ISLAND NOSE EPOXY, YELLOW
14. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
15. MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH, WHITE
17. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 3' DASH, 9' SKIP
18. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 2' DASH, GROOVED BLACK EPOXY 10-INCH, 6' DASH, 6' SKIP
19. MARKING LINE EPOXY 4-INCH, WHITE, 12.5' DASH, 37.5' SKIP
20. MARKING LINE EPOXY 8-INCH, WHITE
21. MARKING LINE EPOXY 4-INCH, DOUBLE YELLOW



PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 332	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\024501-PM.DWG
LAYOUT NAME - 01
PLOT DATE : 7/16/2026 7:39 AM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42





LEGEND

1	MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE	7	MARKING WORD EPOXY	14	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
2	MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW	8	MARKING STOP LINE EPOXY 18-INCH	15	MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH, WHITE
3	MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 12.5' DASH, GROOVED BLACK EPOXY 6-INCH, 12.5' DASH, 25' SKIP	9	MARKING DIAGONAL EPOXY 12-INCH, YELLOW	17	MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 3' DASH, 9' SKIP
4	MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE	10	MARKING DIAGONAL EPOXY 12-INCH, WHITE	18	MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 2' DASH, GROOVED BLACK EPOXY 10-INCH, 6' DASH, 6' SKIP
5	MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 3' DASH, 9' SKIP	11	MARKING LINE GROOVED WET REF EPOXY 6-INCH, DOUBLE YELLOW	19	MARKING LINE EPOXY 4-INCH, WHITE, 12.5' DASH, 37.5' SKIP
6	MARKING ARROW EPOXY	12	MARKING CURB EPOXY, YELLOW	20	MARKING LINE EPOXY 8-INCH, WHITE
		13	MARKING ISLAND NOSE EPOXY, YELLOW	21	MARKING LINE EPOXY 4-INCH, DOUBLE YELLOW

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 333 E

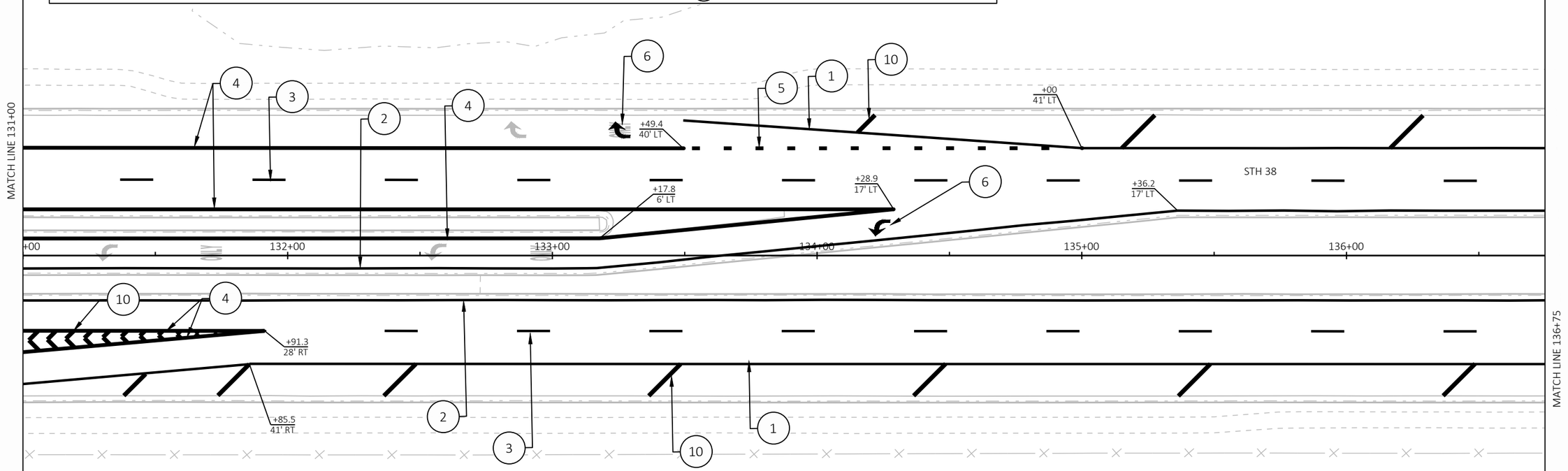
FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\024501-PM.DWG
LAYOUT NAME - 02
PLOT DATE : 7/16/2026 7:40 AM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

LEGEND

1. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE
2. MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW
3. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 12.5' DASH, GROOVED BLACK EPOXY 6-INCH, 12.5' DASH, 25' SKIP
4. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE
5. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 3' DASH, 9' SKIP
6. MARKING ARROW EPOXY
7. MARKING WORD EPOXY
8. MARKING STOP LINE EPOXY 18-INCH
9. MARKING DIAGONAL EPOXY 12-INCH, YELLOW
10. MARKING DIAGONAL EPOXY 12-INCH, WHITE
11. MARKING LINE GROOVED WET REF EPOXY 6-INCH, DOUBLE YELLOW
12. MARKING CURB EPOXY, YELLOW
13. MARKING ISLAND NOSE EPOXY, YELLOW
14. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
15. MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH, WHITE
17. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 3' DASH, 9' SKIP
18. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 2' DASH, GROOVED BLACK EPOXY 10-INCH, 6' DASH, 6' SKIP
19. MARKING LINE EPOXY 4-INCH, WHITE, 12.5' DASH, 37.5' SKIP
20. MARKING LINE EPOXY 8-INCH, WHITE
21. MARKING LINE EPOXY 4-INCH, DOUBLE YELLOW



PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 334	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\024501-PM.DWG
LAYOUT NAME - 03

PLOT DATE : 7/16/2026 7:40 AM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

LEGEND

1. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE
2. MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW
3. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 12.5' DASH, GROOVED BLACK EPOXY 6-INCH, 12.5' DASH, 25' SKIP
4. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE
5. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 3' DASH, 9' SKIP
6. MARKING ARROW EPOXY
7. MARKING WORD EPOXY
8. MARKING STOP LINE EPOXY 18-INCH
9. MARKING DIAGONAL EPOXY 12-INCH, YELLOW
10. MARKING DIAGONAL EPOXY 12-INCH, WHITE
11. MARKING LINE GROOVED WET REF EPOXY 6-INCH, DOUBLE YELLOW
12. MARKING CURB EPOXY, YELLOW
13. MARKING ISLAND NOSE EPOXY, YELLOW
14. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
15. MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH, WHITE
17. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 3' DASH, 9' SKIP
18. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 2' DASH, GROOVED BLACK EPOXY 10-INCH, 6' DASH, 6' SKIP
19. MARKING LINE EPOXY 4-INCH, WHITE, 12.5' DASH, 37.5' SKIP
20. MARKING LINE EPOXY 8-INCH, WHITE
21. MARKING LINE EPOXY 4-INCH, DOUBLE YELLOW

N

MATCH LINE 136+75

STH 38

137+00 138+00 139+00 140+00 141+00 142+00

+42.1 17' RT

+41.3 8' RT

+41.3 17' RT

+23.6 17' RT

+05.3 41' RT

CONC

MATCH LINE 142+50

LISA DR

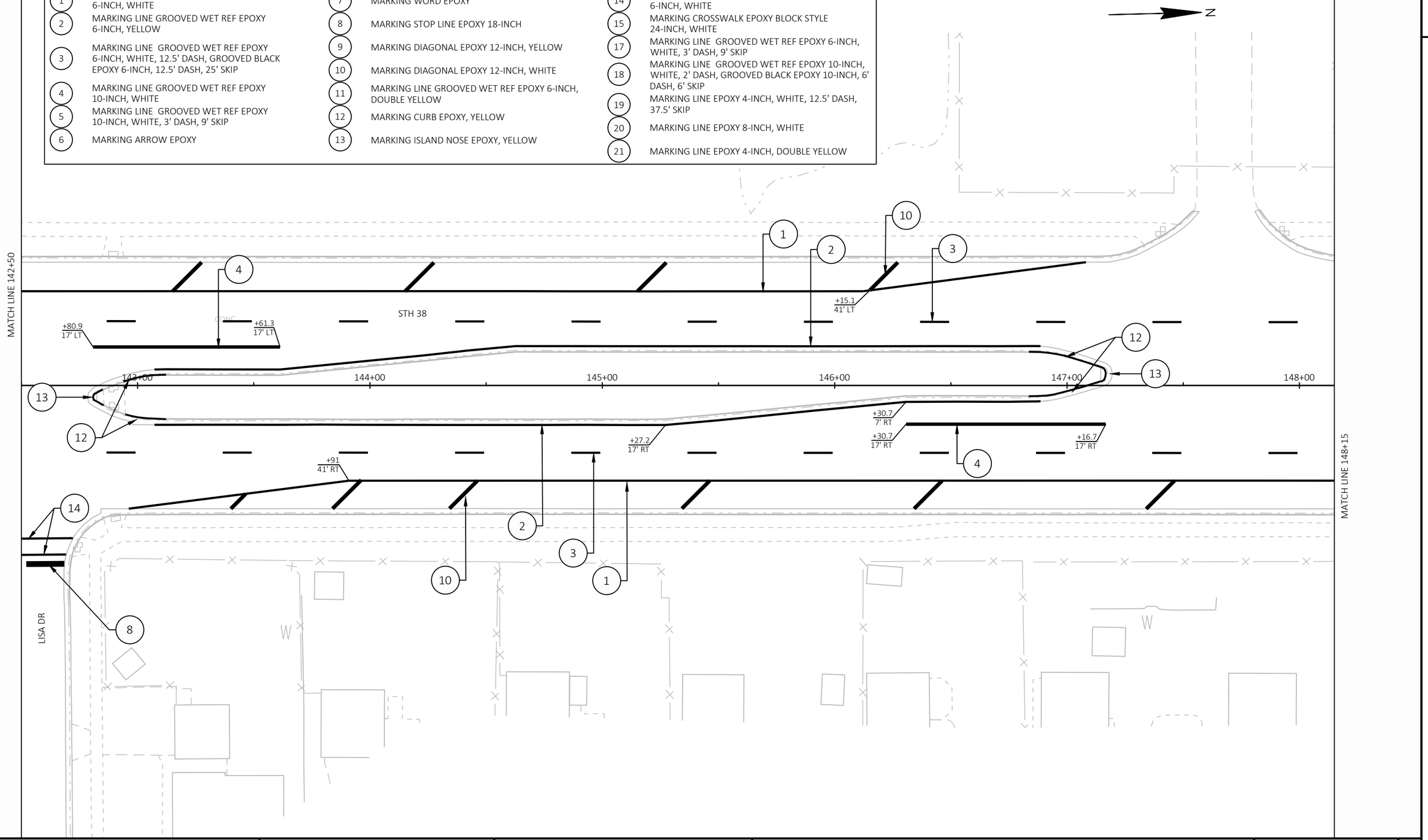
PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 335	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\024501-PM.DWG
LAYOUT NAME - 04

PLOT DATE : 7/16/2026 7:40 AM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1 IN:40 FT

LEGEND

1	MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE	7	MARKING WORD EPOXY	14	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
2	MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW	8	MARKING STOP LINE EPOXY 18-INCH	15	MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH, WHITE
3	MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 12.5' DASH, GROOVED BLACK EPOXY 6-INCH, 12.5' DASH, 25' SKIP	9	MARKING DIAGONAL EPOXY 12-INCH, YELLOW	17	MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 3' DASH, 9' SKIP
4	MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE	10	MARKING DIAGONAL EPOXY 12-INCH, WHITE	18	MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 2' DASH, GROOVED BLACK EPOXY 10-INCH, 6' DASH, 6' SKIP
5	MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 3' DASH, 9' SKIP	11	MARKING LINE GROOVED WET REF EPOXY 6-INCH, DOUBLE YELLOW	19	MARKING LINE EPOXY 4-INCH, WHITE, 12.5' DASH, 37.5' SKIP
6	MARKING ARROW EPOXY	12	MARKING CURB EPOXY, YELLOW	20	MARKING LINE EPOXY 8-INCH, WHITE
		13	MARKING ISLAND NOSE EPOXY, YELLOW	21	MARKING LINE EPOXY 4-INCH, DOUBLE YELLOW



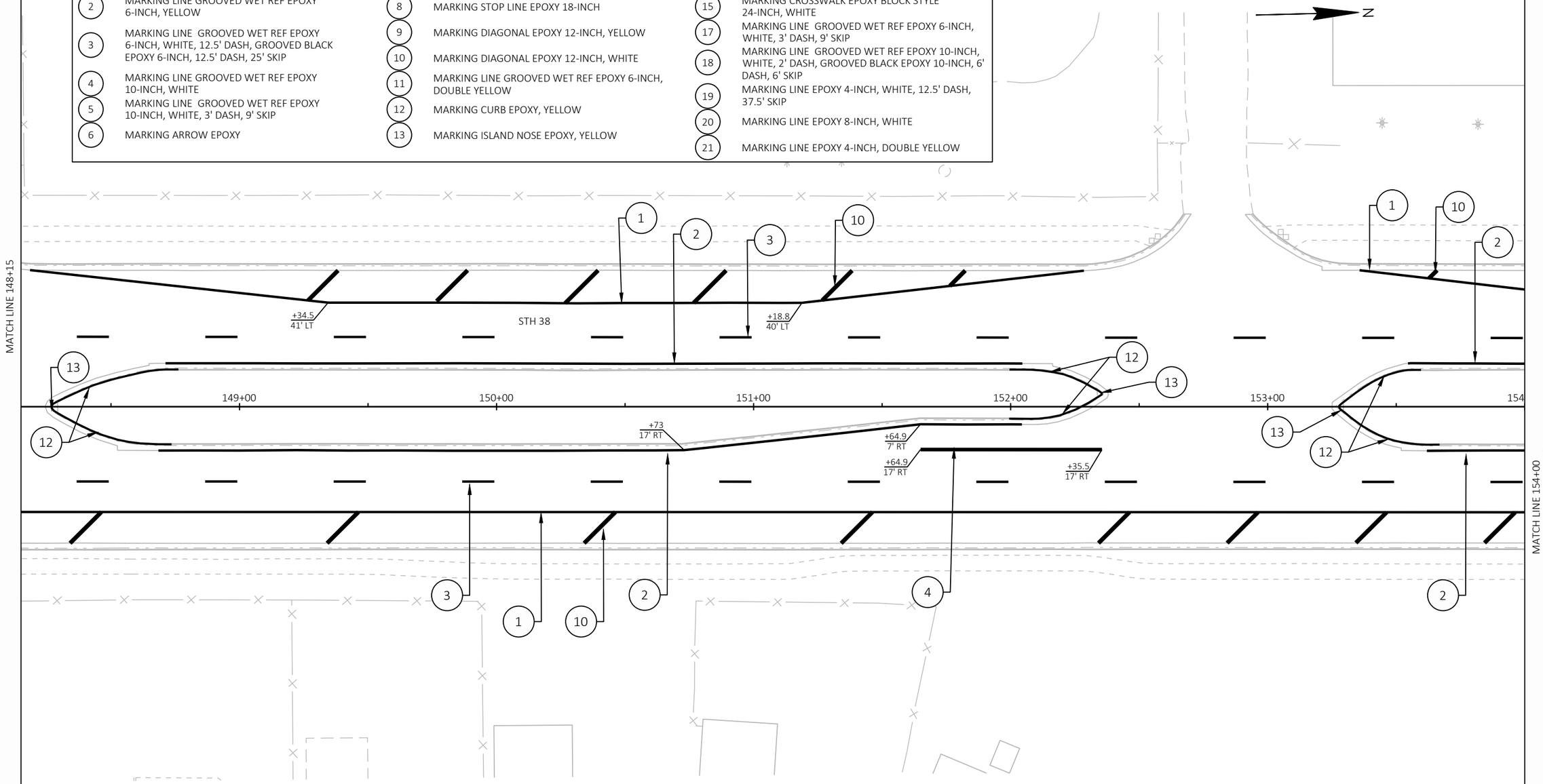
PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 336	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\024501-PM.DWG
LAYOUT NAME - 05
PLOT DATE : 7/16/2026 7:40 AM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

LEGEND

1. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE
2. MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW
3. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 12.5' DASH, GROOVED BLACK EPOXY 6-INCH, 12.5' DASH, 25' SKIP
4. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE
5. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 3' DASH, 9' SKIP
6. MARKING ARROW EPOXY
7. MARKING WORD EPOXY
8. MARKING STOP LINE EPOXY 18-INCH
9. MARKING DIAGONAL EPOXY 12-INCH, YELLOW
10. MARKING DIAGONAL EPOXY 12-INCH, WHITE
11. MARKING LINE GROOVED WET REF EPOXY 6-INCH, DOUBLE YELLOW
12. MARKING CURB EPOXY, YELLOW
13. MARKING ISLAND NOSE EPOXY, YELLOW
14. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
15. MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH, WHITE
17. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 3' DASH, 9' SKIP
18. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 2' DASH, GROOVED BLACK EPOXY 10-INCH, 6' DASH, 6' SKIP
19. MARKING LINE EPOXY 4-INCH, WHITE, 12.5' DASH, 37.5' SKIP
20. MARKING LINE EPOXY 8-INCH, WHITE
21. MARKING LINE EPOXY 4-INCH, DOUBLE YELLOW

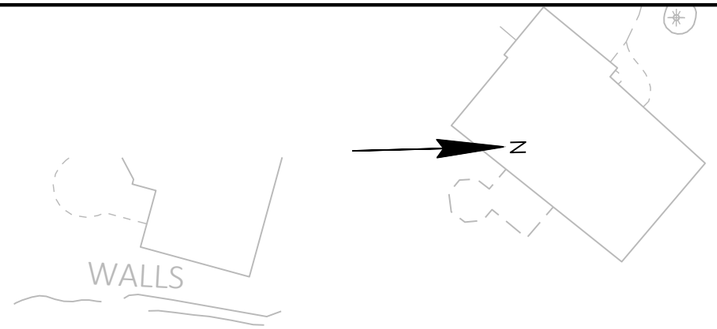


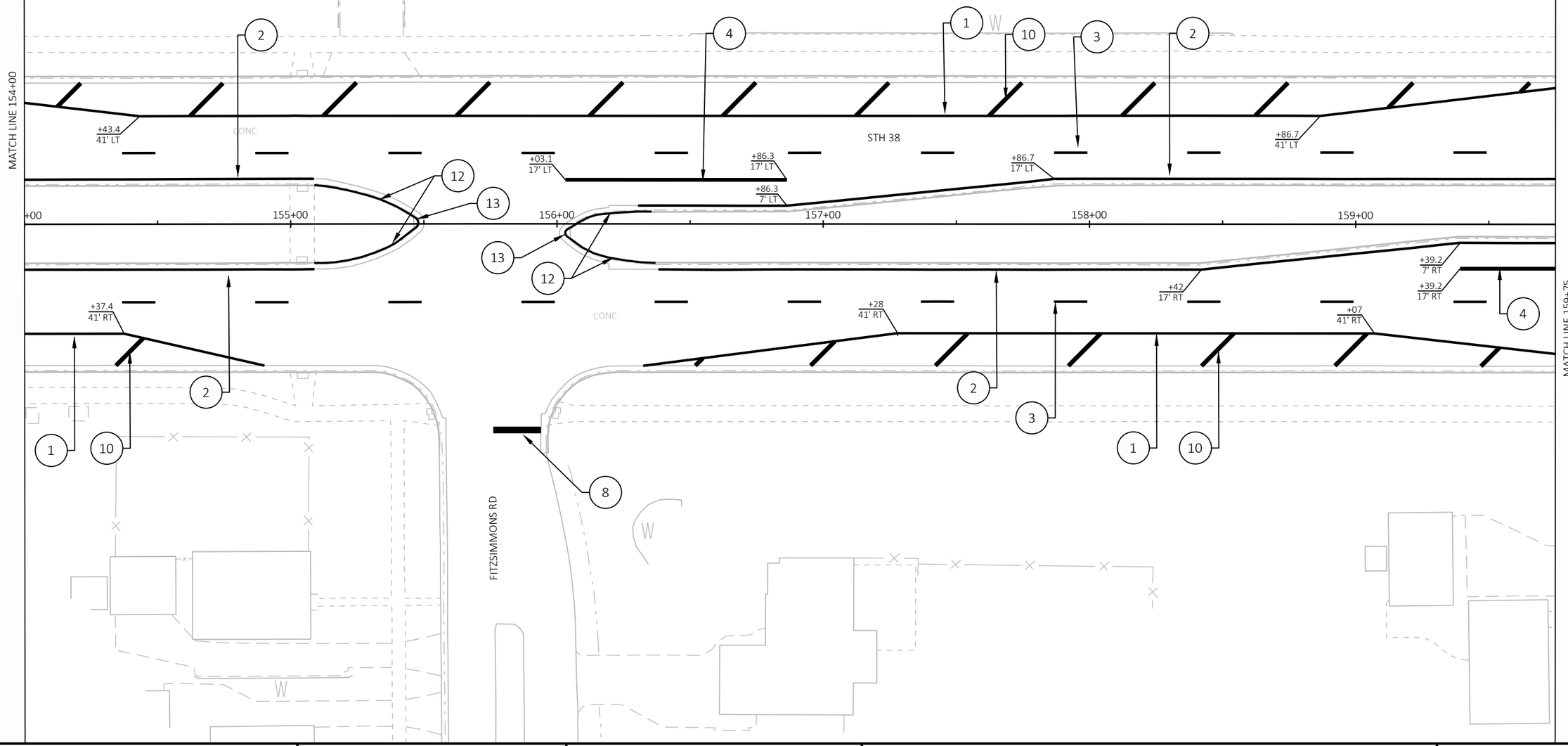
PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 337	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\024501-PM.DWG
LAYOUT NAME - 06
PLOT DATE : 7/16/2026 7:40 AM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

LEGEND

1. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE
2. MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW
3. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 12.5' DASH, GROOVED BLACK EPOXY 6-INCH, 12.5' DASH, 25' SKIP
4. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE
5. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 3' DASH, 9' SKIP
6. MARKING ARROW EPOXY
7. MARKING WORD EPOXY
8. MARKING STOP LINE EPOXY 18-INCH
9. MARKING DIAGONAL EPOXY 12-INCH, YELLOW
10. MARKING DIAGONAL EPOXY 12-INCH, WHITE
11. MARKING LINE GROOVED WET REF EPOXY 6-INCH, DOUBLE YELLOW
12. MARKING CURB EPOXY, YELLOW
13. MARKING ISLAND NOSE EPOXY, YELLOW
14. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
15. MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH, WHITE
17. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 3' DASH, 9' SKIP
18. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 2' DASH, GROOVED BLACK EPOXY 10-INCH, 6' DASH, 6' SKIP
19. MARKING LINE EPOXY 4-INCH, WHITE, 12.5' DASH, 37.5' SKIP
20. MARKING LINE EPOXY 8-INCH, WHITE
21. MARKING LINE EPOXY 4-INCH, DOUBLE YELLOW





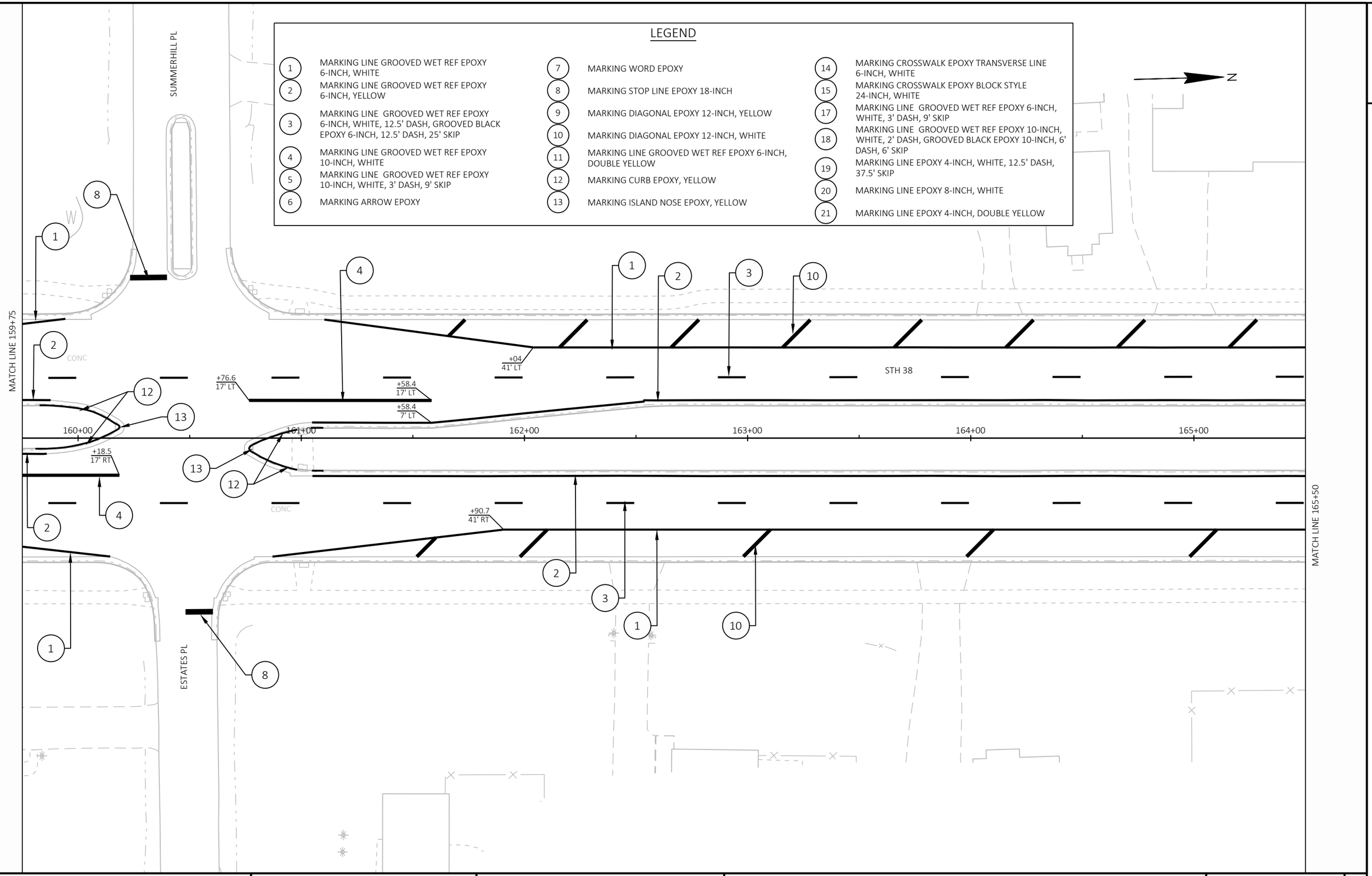
PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 338	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\024501-PM.DWG
LAYOUT NAME - 07
PLOT DATE : 7/16/2026 7:40 AM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

2

LEGEND

1. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE
2. MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW
3. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 12.5' DASH, GROOVED BLACK EPOXY 6-INCH, 12.5' DASH, 25' SKIP
4. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE
5. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 3' DASH, 9' SKIP
6. MARKING ARROW EPOXY
7. MARKING WORD EPOXY
8. MARKING STOP LINE EPOXY 18-INCH
9. MARKING DIAGONAL EPOXY 12-INCH, YELLOW
10. MARKING DIAGONAL EPOXY 12-INCH, WHITE
11. MARKING LINE GROOVED WET REF EPOXY 6-INCH, DOUBLE YELLOW
12. MARKING CURB EPOXY, YELLOW
13. MARKING ISLAND NOSE EPOXY, YELLOW
14. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
15. MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH, WHITE
17. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 3' DASH, 9' SKIP
18. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 2' DASH, GROOVED BLACK EPOXY 10-INCH, 6' DASH, 6' SKIP
19. MARKING LINE EPOXY 4-INCH, WHITE, 12.5' DASH, 37.5' SKIP
20. MARKING LINE EPOXY 8-INCH, WHITE
21. MARKING LINE EPOXY 4-INCH, DOUBLE YELLOW

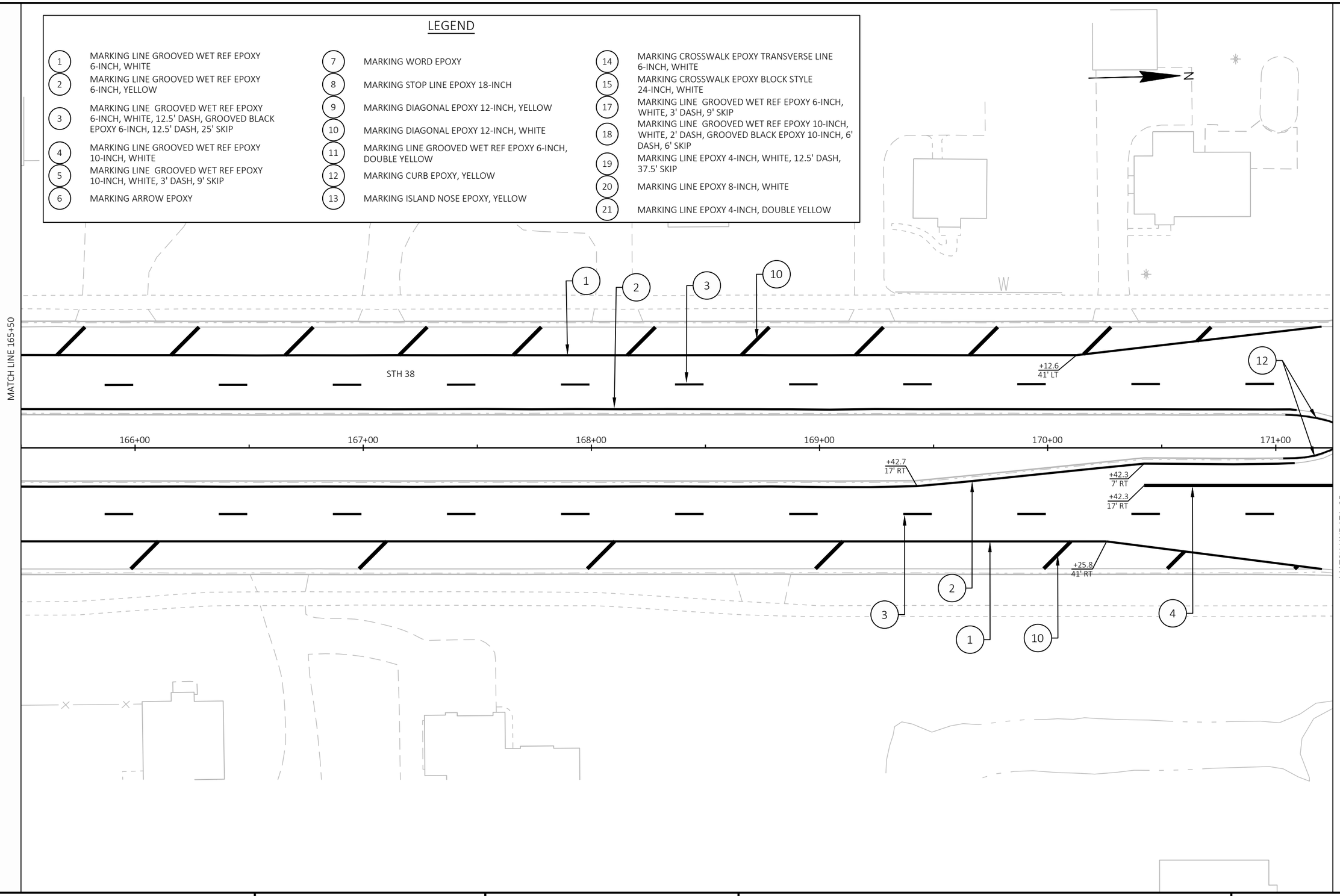


PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 339	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\024501-PM.DWG
LAYOUT NAME - 08
PLOT DATE : 7/16/2026 7:40 AM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

LEGEND

1	MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE	7	MARKING WORD EPOXY	14	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
2	MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW	8	MARKING STOP LINE EPOXY 18-INCH	15	MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH, WHITE
3	MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 12.5' DASH, GROOVED BLACK EPOXY 6-INCH, 12.5' DASH, 25' SKIP	9	MARKING DIAGONAL EPOXY 12-INCH, YELLOW	17	MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 3' DASH, 9' SKIP
4	MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE	10	MARKING DIAGONAL EPOXY 12-INCH, WHITE	18	MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 2' DASH, GROOVED BLACK EPOXY 10-INCH, 6' DASH, 6' SKIP
5	MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 3' DASH, 9' SKIP	11	MARKING LINE GROOVED WET REF EPOXY 6-INCH, DOUBLE YELLOW	19	MARKING LINE EPOXY 4-INCH, WHITE, 12.5' DASH, 37.5' SKIP
6	MARKING ARROW EPOXY	12	MARKING CURB EPOXY, YELLOW	20	MARKING LINE EPOXY 8-INCH, WHITE
		13	MARKING ISLAND NOSE EPOXY, YELLOW	21	MARKING LINE EPOXY 4-INCH, DOUBLE YELLOW

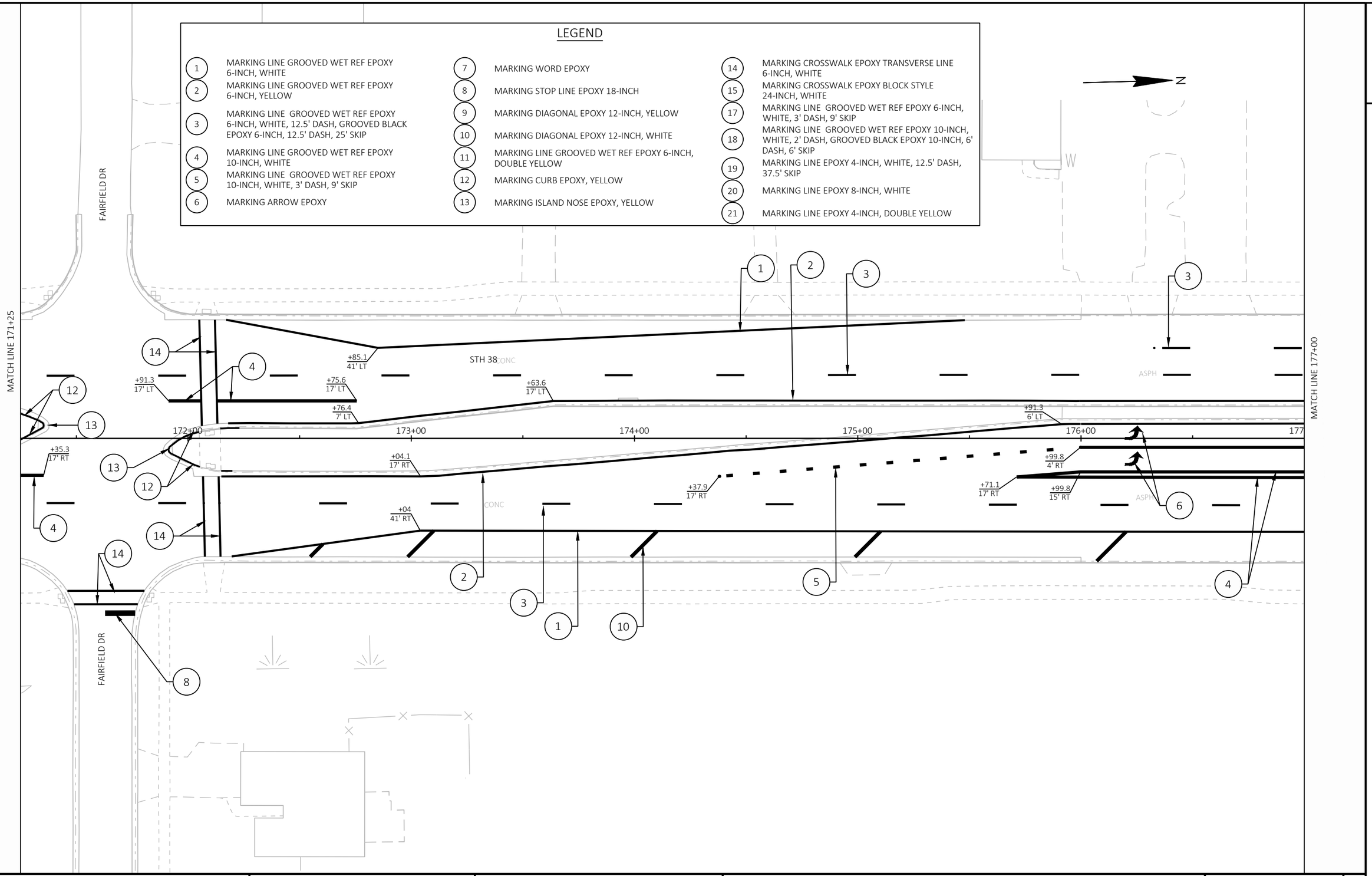


PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 340	E

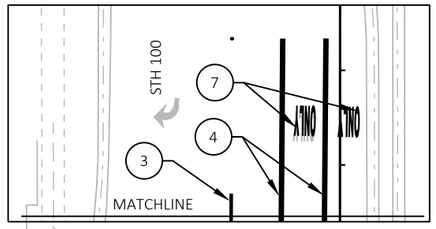
FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\024501-PM.DWG
LAYOUT NAME - 09
PLOT DATE : 7/16/2026 7:40 AM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

LEGEND

1. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE
2. MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW
3. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 12.5' DASH, GROOVED BLACK EPOXY 6-INCH, 12.5' DASH, 25' SKIP
4. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE
5. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 3' DASH, 9' SKIP
6. MARKING ARROW EPOXY
7. MARKING WORD EPOXY
8. MARKING STOP LINE EPOXY 18-INCH
9. MARKING DIAGONAL EPOXY 12-INCH, YELLOW
10. MARKING DIAGONAL EPOXY 12-INCH, WHITE
11. MARKING LINE GROOVED WET REF EPOXY 6-INCH, DOUBLE YELLOW
12. MARKING CURB EPOXY, YELLOW
13. MARKING ISLAND NOSE EPOXY, YELLOW
14. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
15. MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH, WHITE
17. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 3' DASH, 9' SKIP
18. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 2' DASH, GROOVED BLACK EPOXY 10-INCH, 6' DASH, 6' SKIP
19. MARKING LINE EPOXY 4-INCH, WHITE, 12.5' DASH, 37.5' SKIP
20. MARKING LINE EPOXY 8-INCH, WHITE
21. MARKING LINE EPOXY 4-INCH, DOUBLE YELLOW



PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 341	E



LEGEND

1	MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE	7	MARKING WORD EPOXY	14	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
2	MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW	8	MARKING STOP LINE EPOXY 18-INCH	15	MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH, WHITE
3	MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 12.5' DASH, GROOVED BLACK EPOXY 6-INCH, 12.5' DASH, 25' SKIP	9	MARKING DIAGONAL EPOXY 12-INCH, YELLOW	17	MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 3' DASH, 9' SKIP
4	MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE	10	MARKING DIAGONAL EPOXY 12-INCH, WHITE	18	MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 2' DASH, GROOVED BLACK EPOXY 10-INCH, 6' DASH, 6' SKIP
5	MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 3' DASH, 9' SKIP	11	MARKING LINE GROOVED WET REF EPOXY 6-INCH, DOUBLE YELLOW	19	MARKING LINE EPOXY 4-INCH, WHITE, 12.5' DASH, 37.5' SKIP
6	MARKING ARROW EPOXY	12	MARKING CURB EPOXY, YELLOW	20	MARKING LINE EPOXY 8-INCH, WHITE
		13	MARKING ISLAND NOSE EPOXY, YELLOW	21	MARKING LINE EPOXY 4-INCH, DOUBLE YELLOW

MATCH LINE 177+00

STH 38

+88.8
42' RT

+38.6
42' RT

MATCH ID 2040-23-70

MATCHLINE

STH 100

MATCH LINE 182+75

2

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 342	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\024501-PM.DWG
LAYOUT NAME - 11
PLOT DATE : 7/16/2026 7:40 AM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

LEGEND

1. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE
2. MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW
3. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 12.5' DASH, GROOVED BLACK EPOXY 6-INCH, 12.5' DASH, 25' SKIP
4. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE
5. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 3' DASH, 9' SKIP
6. MARKING ARROW EPOXY
7. MARKING WORD EPOXY
8. MARKING STOP LINE EPOXY 18-INCH
9. MARKING DIAGONAL EPOXY 12-INCH, YELLOW
10. MARKING DIAGONAL EPOXY 12-INCH, WHITE
11. MARKING LINE GROOVED WET REF EPOXY 6-INCH, DOUBLE YELLOW
12. MARKING CURB EPOXY, YELLOW
13. MARKING ISLAND NOSE EPOXY, YELLOW
14. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
15. MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH, WHITE
17. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 3' DASH, 9' SKIP
18. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 2' DASH, GROOVED BLACK EPOXY 10-INCH, 6' DASH, 6' SKIP
19. MARKING LINE EPOXY 4-INCH, WHITE, 12.5' DASH, 37.5' SKIP
20. MARKING LINE EPOXY 8-INCH, WHITE
21. MARKING LINE EPOXY 4-INCH, DOUBLE YELLOW

N

MATCH LINE 182+75

MATCH LINE 188+50

STH 38

ASPH

+65.1 58' LT

+84.8 53' LT

+11.8 59' LT

+11.8 54' LT

+24.9 15' LT

+62.7 18' LT

+24.9 4' LT

+34.6 40' RT

184+00

185+00

186+00

187+00

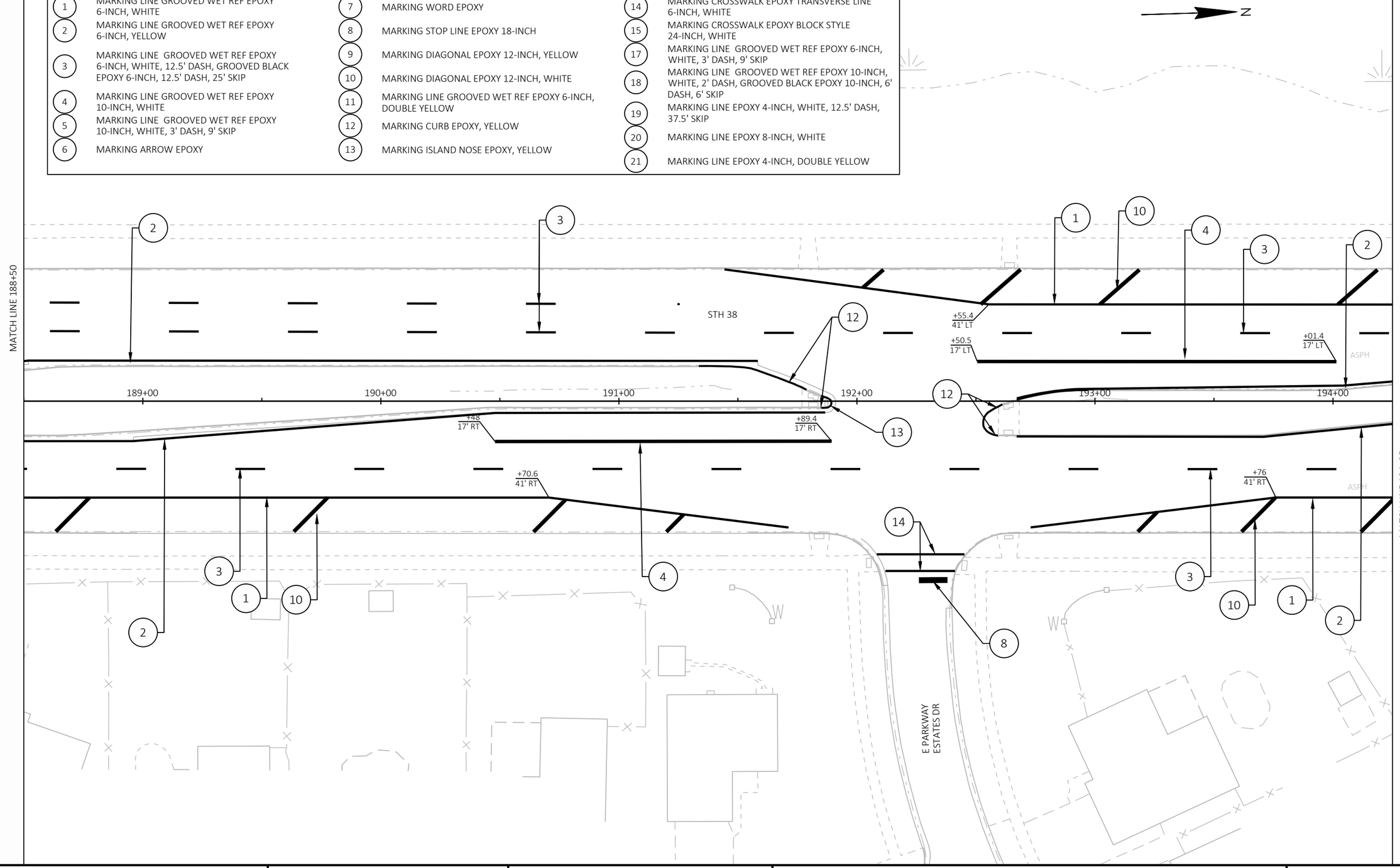
188+00

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 343	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\024501-PM.DWG
LAYOUT NAME - 12
PLOT DATE : 7/16/2026 7:41 AM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

LEGEND

1. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE
2. MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW
3. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 12.5' DASH, GROOVED BLACK EPOXY 6-INCH, 12.5' DASH, 25' SKIP
4. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE
5. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 3' DASH, 9' SKIP
6. MARKING ARROW EPOXY
7. MARKING WORD EPOXY
8. MARKING STOP LINE EPOXY 18-INCH
9. MARKING DIAGONAL EPOXY 12-INCH, YELLOW
10. MARKING DIAGONAL EPOXY 12-INCH, WHITE
11. MARKING LINE GROOVED WET REF EPOXY 6-INCH, DOUBLE YELLOW
12. MARKING CURB EPOXY, YELLOW
13. MARKING ISLAND NOSE EPOXY, YELLOW
14. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
15. MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH, WHITE
17. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 3' DASH, 9' SKIP
18. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 2' DASH, GROOVED BLACK EPOXY 10-INCH, 6' DASH, 6' SKIP
19. MARKING LINE EPOXY 4-INCH, WHITE, 12.5' DASH, 37.5' SKIP
20. MARKING LINE EPOXY 8-INCH, WHITE
21. MARKING LINE EPOXY 4-INCH, DOUBLE YELLOW

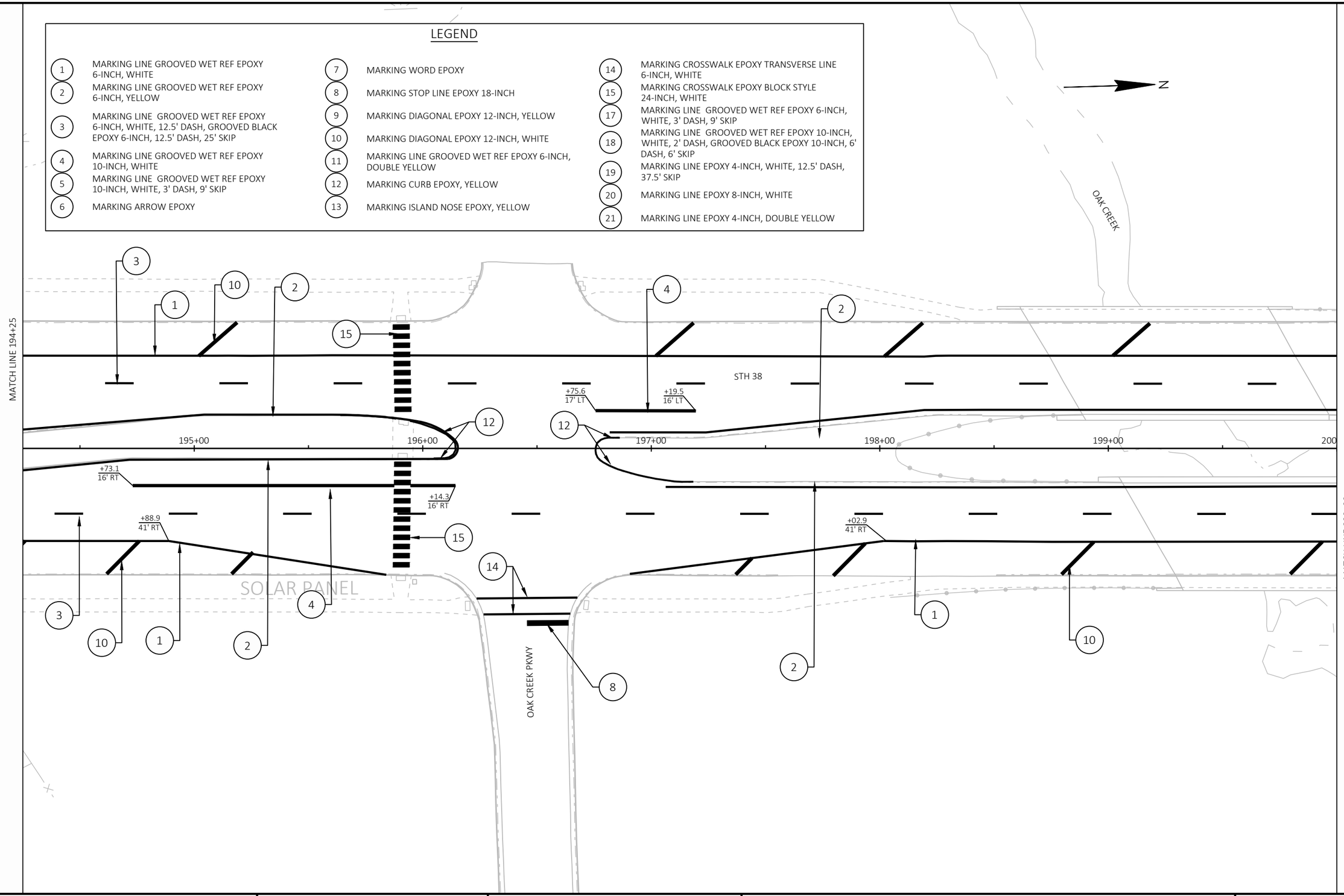


PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 344	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\024501-PM.DWG
LAYOUT NAME - 13
PLOT DATE : 7/16/2026 7:41 AM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

LEGEND

1. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE
2. MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW
3. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 12.5' DASH, GROOVED BLACK EPOXY 6-INCH, 12.5' DASH, 25' SKIP
4. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE
5. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 3' DASH, 9' SKIP
6. MARKING ARROW EPOXY
7. MARKING WORD EPOXY
8. MARKING STOP LINE EPOXY 18-INCH
9. MARKING DIAGONAL EPOXY 12-INCH, YELLOW
10. MARKING DIAGONAL EPOXY 12-INCH, WHITE
11. MARKING LINE GROOVED WET REF EPOXY 6-INCH, DOUBLE YELLOW
12. MARKING CURB EPOXY, YELLOW
13. MARKING ISLAND NOSE EPOXY, YELLOW
14. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
15. MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH, WHITE
17. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 3' DASH, 9' SKIP
18. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 2' DASH, GROOVED BLACK EPOXY 10-INCH, 6' DASH, 6' SKIP
19. MARKING LINE EPOXY 4-INCH, WHITE, 12.5' DASH, 37.5' SKIP
20. MARKING LINE EPOXY 8-INCH, WHITE
21. MARKING LINE EPOXY 4-INCH, DOUBLE YELLOW



2

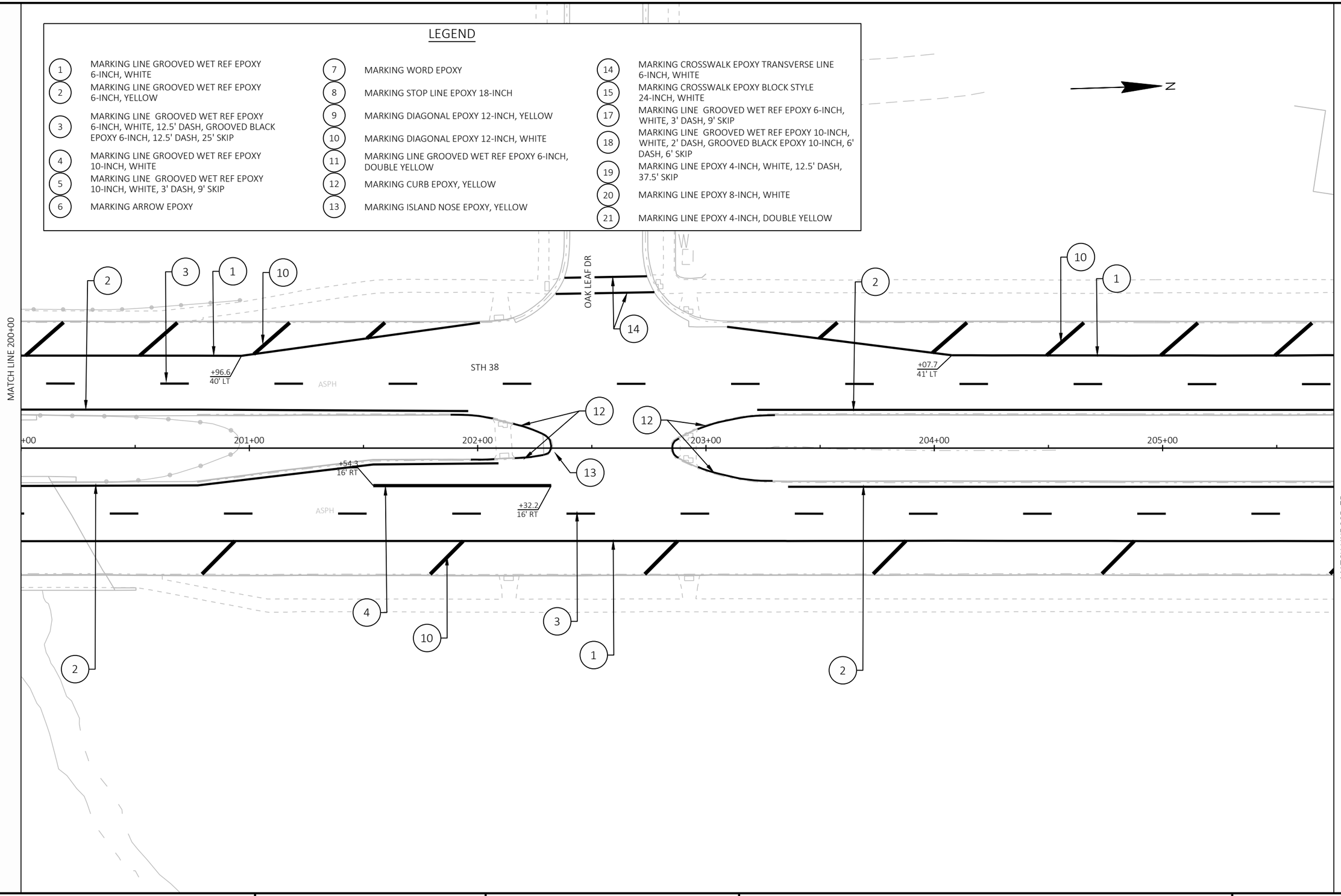
PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 345	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\024501-PM.DWG
LAYOUT NAME - 14
PLOT DATE : 7/16/2026 7:41 AM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

LEGEND

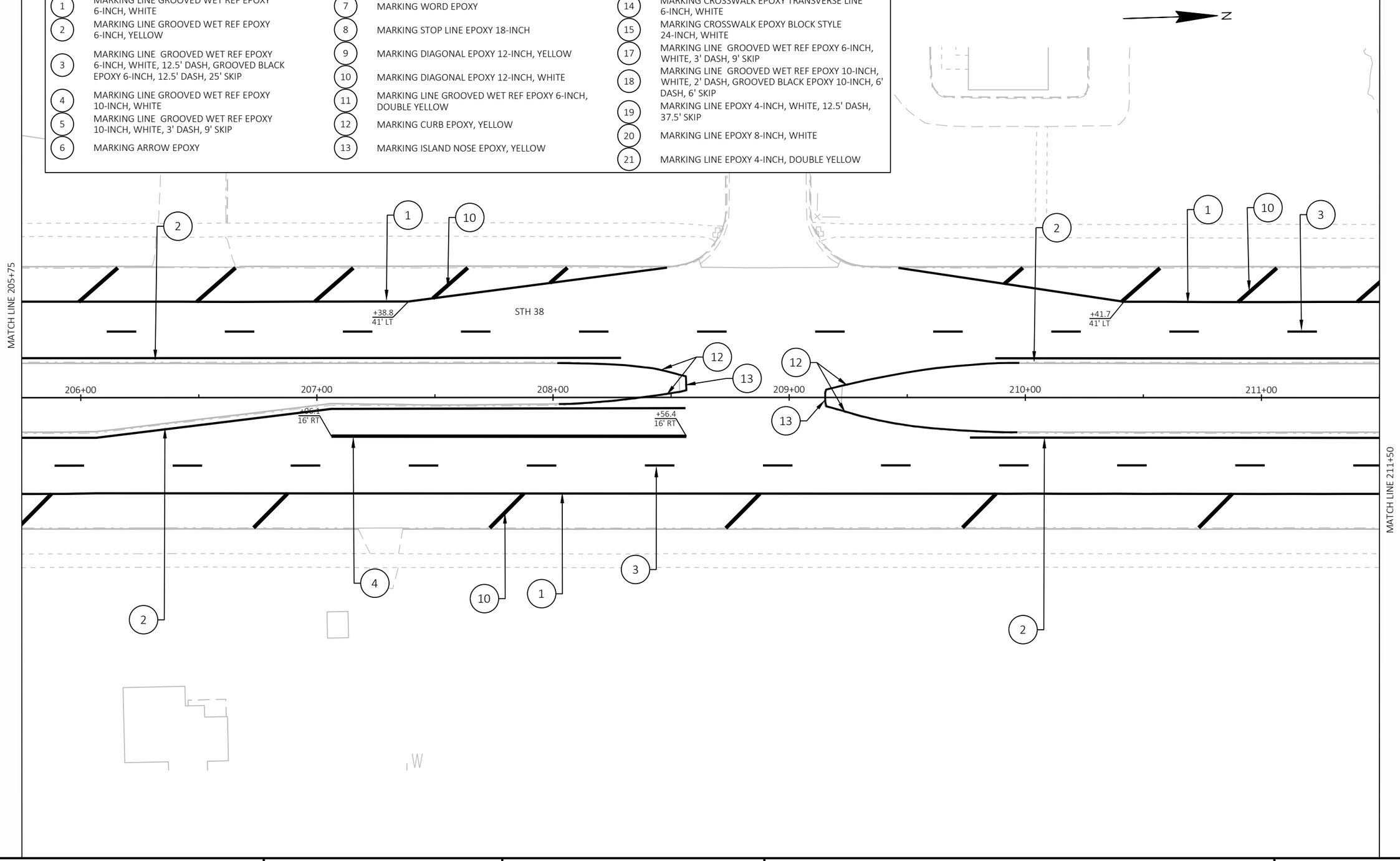
1. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE
2. MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW
3. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 12.5' DASH, GROOVED BLACK EPOXY 6-INCH, 12.5' DASH, 25' SKIP
4. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE
5. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 3' DASH, 9' SKIP
6. MARKING ARROW EPOXY
7. MARKING WORD EPOXY
8. MARKING STOP LINE EPOXY 18-INCH
9. MARKING DIAGONAL EPOXY 12-INCH, YELLOW
10. MARKING DIAGONAL EPOXY 12-INCH, WHITE
11. MARKING LINE GROOVED WET REF EPOXY 6-INCH, DOUBLE YELLOW
12. MARKING CURB EPOXY, YELLOW
13. MARKING ISLAND NOSE EPOXY, YELLOW
14. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
15. MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH, WHITE
17. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 3' DASH, 9' SKIP
18. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 2' DASH, GROOVED BLACK EPOXY 10-INCH, 6' DASH, 6' SKIP
19. MARKING LINE EPOXY 4-INCH, WHITE, 12.5' DASH, 37.5' SKIP
20. MARKING LINE EPOXY 8-INCH, WHITE
21. MARKING LINE EPOXY 4-INCH, DOUBLE YELLOW



PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 346	E

LEGEND

1	MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE	7	MARKING WORD EPOXY	14	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
2	MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW	8	MARKING STOP LINE EPOXY 18-INCH	15	MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH, WHITE
3	MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 12.5' DASH, GROOVED BLACK EPOXY 6-INCH, 12.5' DASH, 25' SKIP	9	MARKING DIAGONAL EPOXY 12-INCH, YELLOW	17	MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 3' DASH, 9' SKIP
4	MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE	10	MARKING DIAGONAL EPOXY 12-INCH, WHITE	18	MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 2' DASH, GROOVED BLACK EPOXY 10-INCH, 6' DASH, 6' SKIP
5	MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 3' DASH, 9' SKIP	11	MARKING LINE GROOVED WET REF EPOXY 6-INCH, DOUBLE YELLOW	19	MARKING LINE EPOXY 4-INCH, WHITE, 12.5' DASH, 37.5' SKIP
6	MARKING ARROW EPOXY	12	MARKING CURB EPOXY, YELLOW	20	MARKING LINE EPOXY 8-INCH, WHITE
		13	MARKING ISLAND NOSE EPOXY, YELLOW	21	MARKING LINE EPOXY 4-INCH, DOUBLE YELLOW



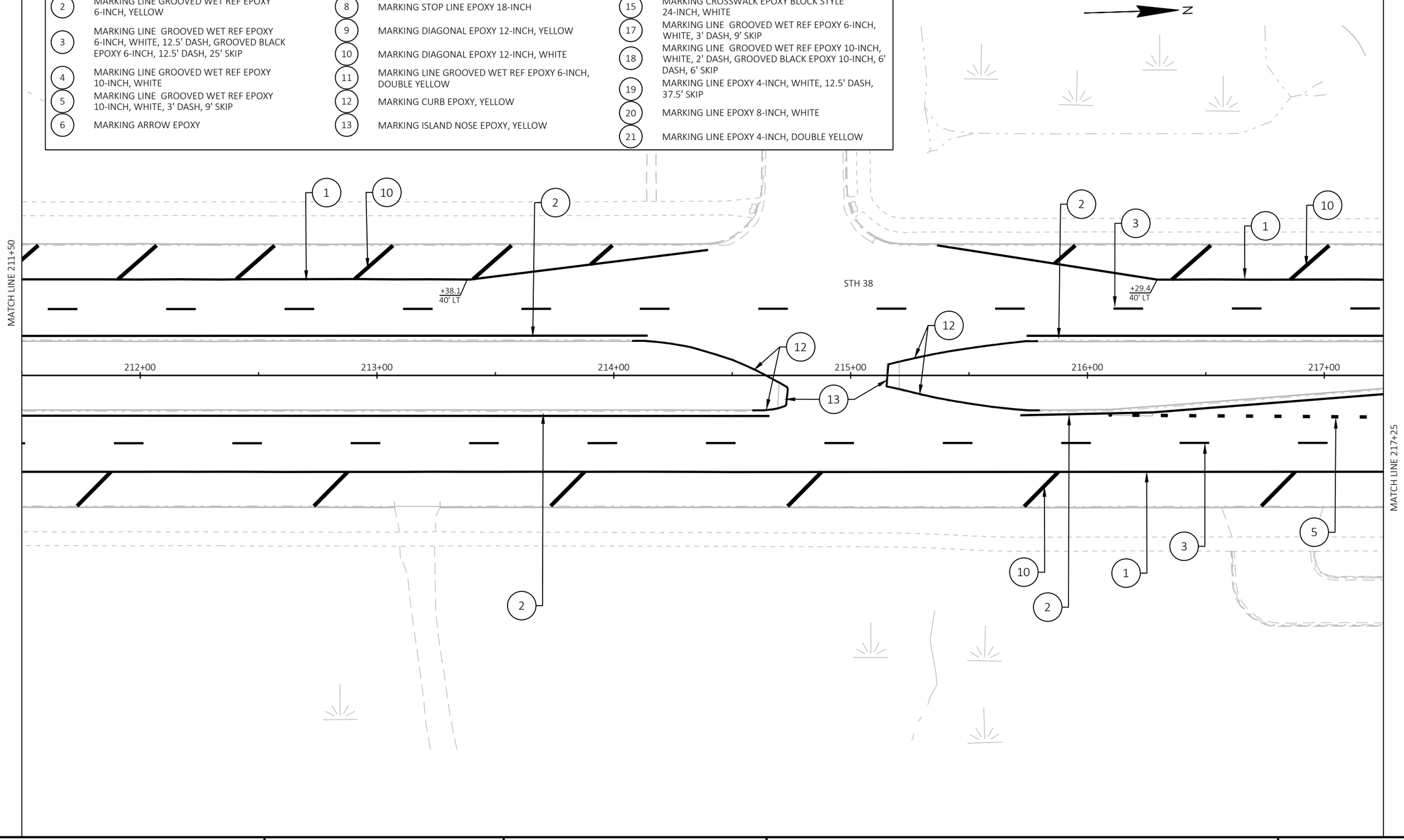
PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 347	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\024501-PM.DWG
LAYOUT NAME - 16
PLOT DATE : 7/16/2026 7:41 AM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

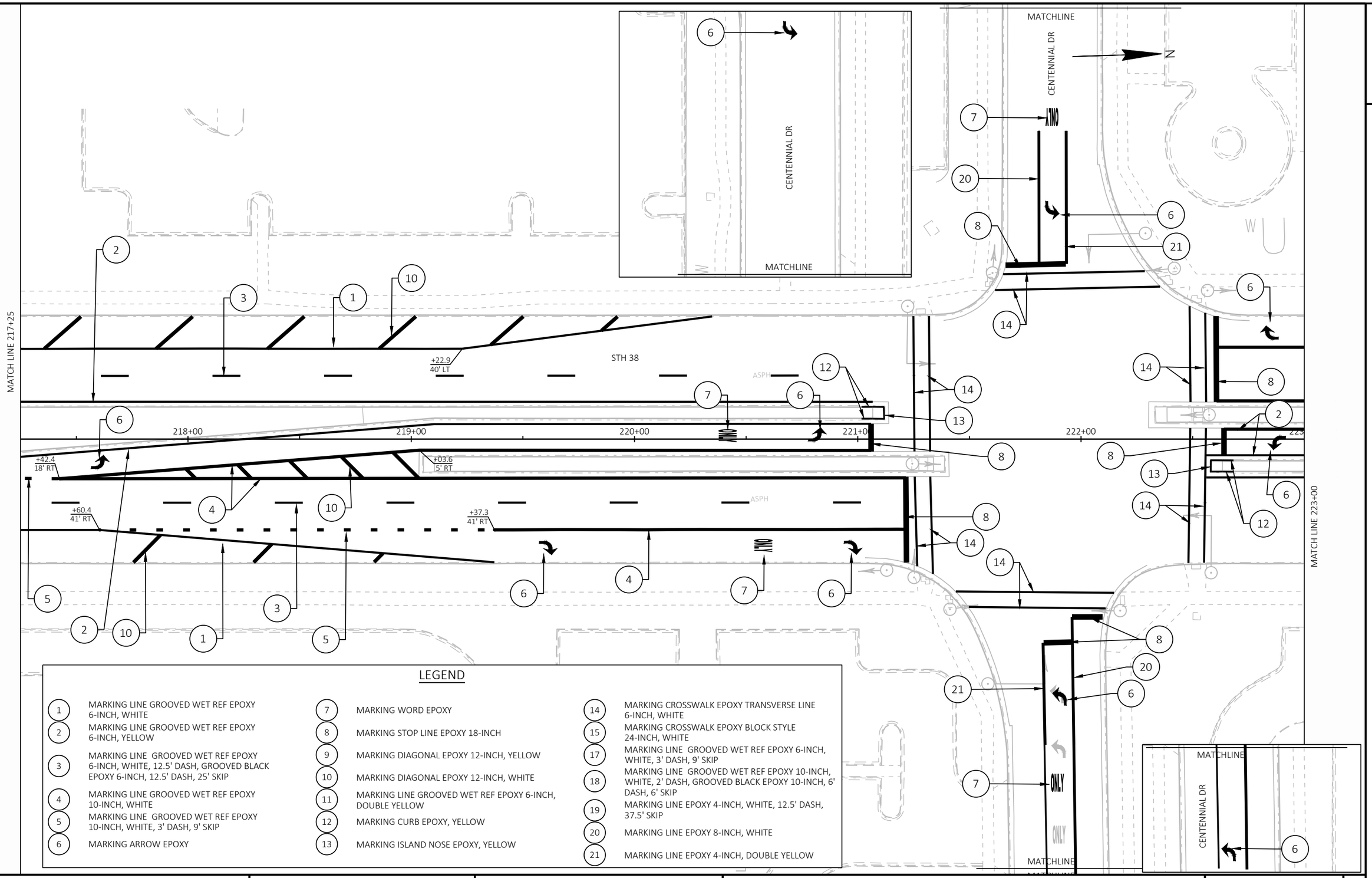
2

LEGEND

1. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE
2. MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW
3. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 12.5' DASH, GROOVED BLACK EPOXY 6-INCH, 12.5' DASH, 25' SKIP
4. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE
5. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 3' DASH, 9' SKIP
6. MARKING ARROW EPOXY
7. MARKING WORD EPOXY
8. MARKING STOP LINE EPOXY 18-INCH
9. MARKING DIAGONAL EPOXY 12-INCH, YELLOW
10. MARKING DIAGONAL EPOXY 12-INCH, WHITE
11. MARKING LINE GROOVED WET REF EPOXY 6-INCH, DOUBLE YELLOW
12. MARKING CURB EPOXY, YELLOW
13. MARKING ISLAND NOSE EPOXY, YELLOW
14. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
15. MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH, WHITE
17. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 3' DASH, 9' SKIP
18. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 2' DASH, GROOVED BLACK EPOXY 10-INCH, 6' DASH, 6' SKIP
19. MARKING LINE EPOXY 4-INCH, WHITE, 12.5' DASH, 37.5' SKIP
20. MARKING LINE EPOXY 8-INCH, WHITE
21. MARKING LINE EPOXY 4-INCH, DOUBLE YELLOW



PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 348	E



LEGEND

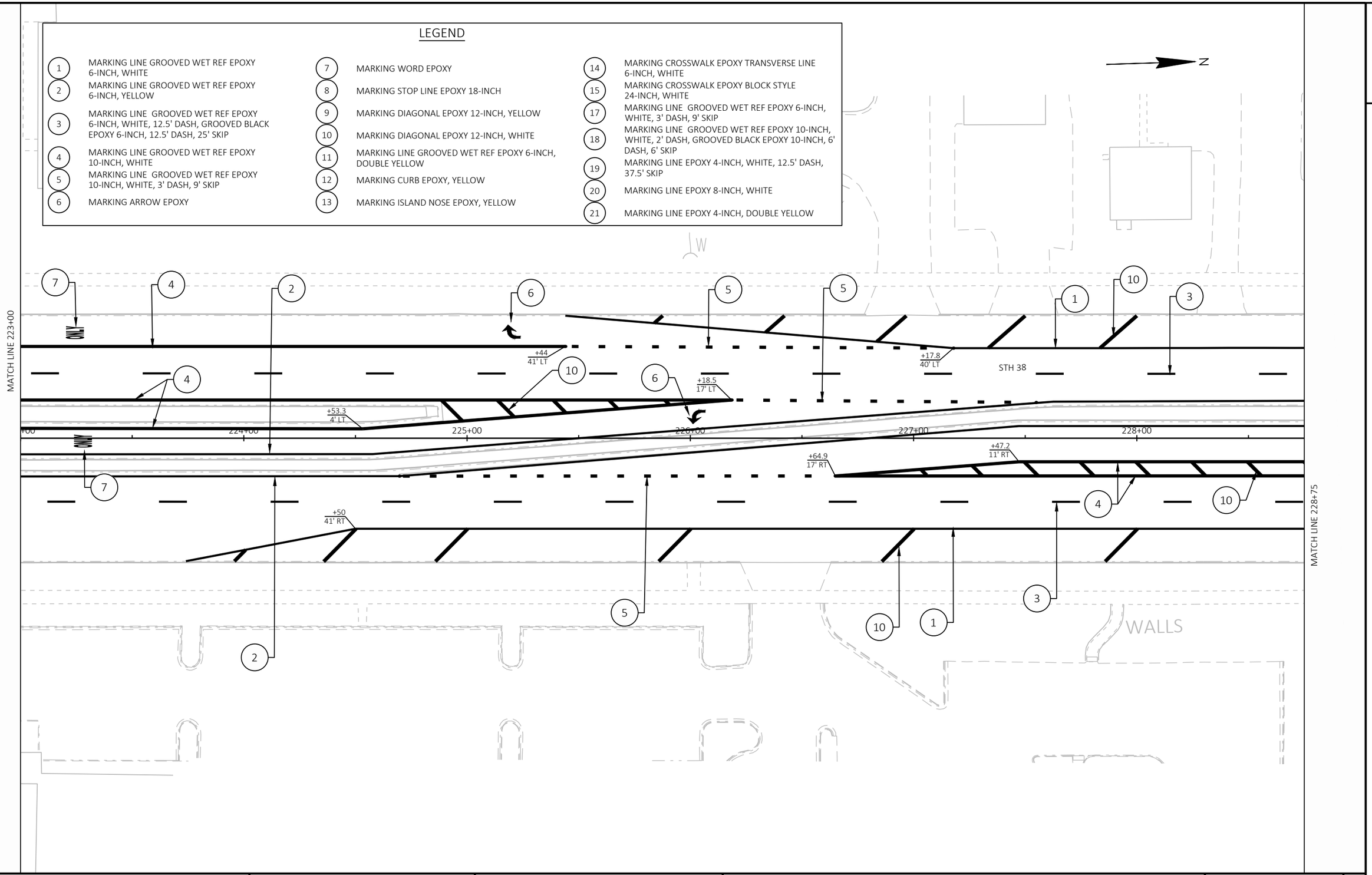
1. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE
2. MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW
3. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 12.5' DASH, GROOVED BLACK EPOXY 6-INCH, 12.5' DASH, 25' SKIP
4. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE
5. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 3' DASH, 9' SKIP
6. MARKING ARROW EPOXY
7. MARKING WORD EPOXY
8. MARKING STOP LINE EPOXY 18-INCH
9. MARKING DIAGONAL EPOXY 12-INCH, YELLOW
10. MARKING DIAGONAL EPOXY 12-INCH, WHITE
11. MARKING LINE GROOVED WET REF EPOXY 6-INCH, DOUBLE YELLOW
12. MARKING CURB EPOXY, YELLOW
13. MARKING ISLAND NOSE EPOXY, YELLOW
14. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
15. MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH, WHITE
17. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 3' DASH, 9' SKIP
18. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 2' DASH, GROOVED BLACK EPOXY 10-INCH, 6' DASH, 6' SKIP
19. MARKING LINE EPOXY 4-INCH, WHITE, 12.5' DASH, 37.5' SKIP
20. MARKING LINE EPOXY 8-INCH, WHITE
21. MARKING LINE EPOXY 4-INCH, DOUBLE YELLOW

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 349 E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\024501-PM.DWG
LAYOUT NAME - 18
PLOT DATE : 7/16/2026 7:41 AM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

LEGEND

1. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE
2. MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW
3. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 12.5' DASH, GROOVED BLACK EPOXY 6-INCH, 12.5' DASH, 25' SKIP
4. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE
5. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 3' DASH, 9' SKIP
6. MARKING ARROW EPOXY
7. MARKING WORD EPOXY
8. MARKING STOP LINE EPOXY 18-INCH
9. MARKING DIAGONAL EPOXY 12-INCH, YELLOW
10. MARKING DIAGONAL EPOXY 12-INCH, WHITE
11. MARKING LINE GROOVED WET REF EPOXY 6-INCH, DOUBLE YELLOW
12. MARKING CURB EPOXY, YELLOW
13. MARKING ISLAND NOSE EPOXY, YELLOW
14. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
15. MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH, WHITE
17. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 3' DASH, 9' SKIP
18. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 2' DASH, GROOVED BLACK EPOXY 10-INCH, 6' DASH, 6' SKIP
19. MARKING LINE EPOXY 4-INCH, WHITE, 12.5' DASH, 37.5' SKIP
20. MARKING LINE EPOXY 8-INCH, WHITE
21. MARKING LINE EPOXY 4-INCH, DOUBLE YELLOW

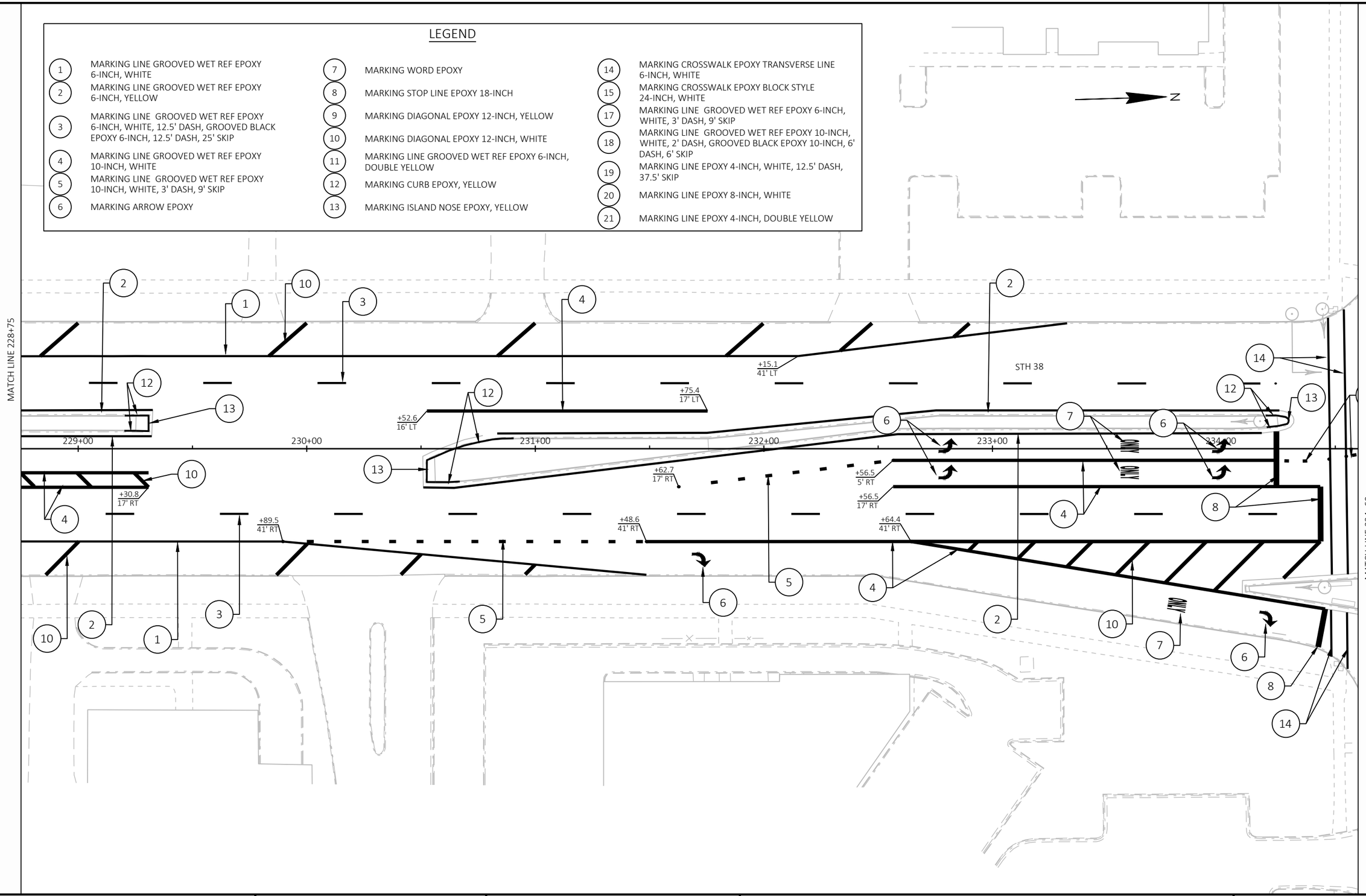


PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 350	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\024501-PM.DWG
LAYOUT NAME - 19
PLOT DATE : 7/16/2026 7:41 AM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

LEGEND

1	MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE	7	MARKING WORD EPOXY	14	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
2	MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW	8	MARKING STOP LINE EPOXY 18-INCH	15	MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH, WHITE
3	MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 12.5' DASH, GROOVED BLACK EPOXY 6-INCH, 12.5' DASH, 25' SKIP	9	MARKING DIAGONAL EPOXY 12-INCH, YELLOW	17	MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 3' DASH, 9' SKIP
4	MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE	10	MARKING DIAGONAL EPOXY 12-INCH, WHITE	18	MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 2' DASH, GROOVED BLACK EPOXY 10-INCH, 6' DASH, 6' SKIP
5	MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 3' DASH, 9' SKIP	11	MARKING LINE GROOVED WET REF EPOXY 6-INCH, DOUBLE YELLOW	19	MARKING LINE EPOXY 4-INCH, WHITE, 12.5' DASH, 37.5' SKIP
6	MARKING ARROW EPOXY	12	MARKING CURB EPOXY, YELLOW	20	MARKING LINE EPOXY 8-INCH, WHITE
		13	MARKING ISLAND NOSE EPOXY, YELLOW	21	MARKING LINE EPOXY 4-INCH, DOUBLE YELLOW



PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 351	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\024501-PM.DWG
LAYOUT NAME - 20
PLOT DATE : 7/16/2026 7:41 AM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

LEGEND

1. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE
2. MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW
3. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 12.5' DASH, GROOVED BLACK EPOXY 6-INCH, 12.5' DASH, 25' SKIP
4. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE
5. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 3' DASH, 9' SKIP
6. MARKING ARROW EPOXY
7. MARKING WORD EPOXY
8. MARKING STOP LINE EPOXY 18-INCH
9. MARKING DIAGONAL EPOXY 12-INCH, YELLOW
10. MARKING DIAGONAL EPOXY 12-INCH, WHITE
11. MARKING LINE GROOVED WET REF EPOXY 6-INCH, DOUBLE YELLOW
12. MARKING CURB EPOXY, YELLOW
13. MARKING ISLAND NOSE EPOXY, YELLOW
14. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
15. MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH, WHITE
17. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 3' DASH, 9' SKIP
18. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 2' DASH, GROOVED BLACK EPOXY 10-INCH, 6' DASH, 6' SKIP
19. MARKING LINE EPOXY 4-INCH, WHITE, 12.5' DASH, 37.5' SKIP
20. MARKING LINE EPOXY 8-INCH, WHITE
21. MARKING LINE EPOXY 4-INCH, DOUBLE YELLOW

N

PUETZ RD

MATCH LINE 234+60

235+00 236+00 237+00 238+00 239+00 240+00

+78.9 41' LT
+86.5 17' LT
+93.9 5' LT
+63.4 41' LT
+81.8 41' LT
+84.3 5' RT
+14 17' RT
+27.1 41' RT

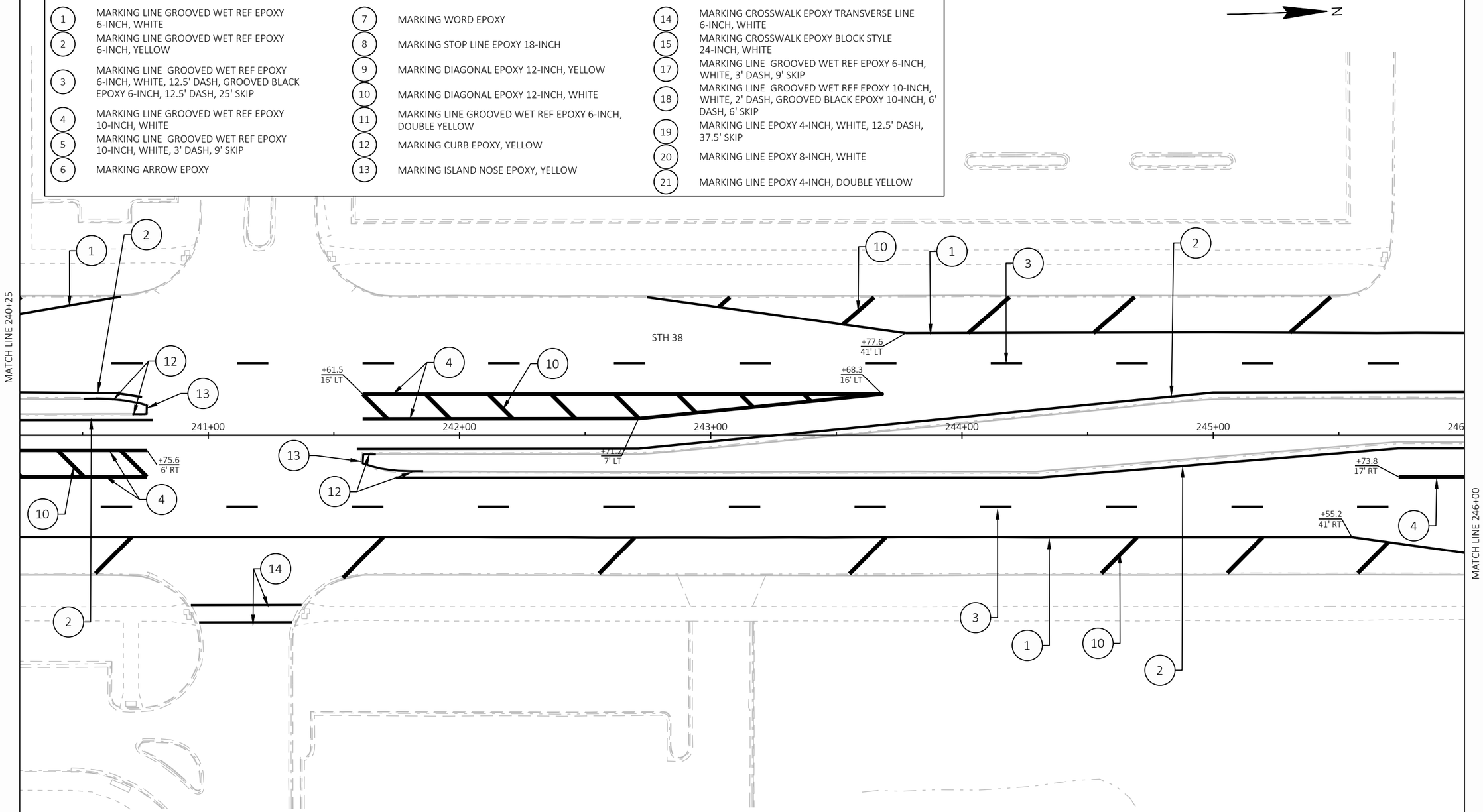
MATCH LINE 240+25

PUETZ RD

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 352	E

LEGEND

1	MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE	7	MARKING WORD EPOXY	14	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
2	MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW	8	MARKING STOP LINE EPOXY 18-INCH	15	MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH, WHITE
3	MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 12.5' DASH, GROOVED BLACK EPOXY 6-INCH, 12.5' DASH, 25' SKIP	9	MARKING DIAGONAL EPOXY 12-INCH, YELLOW	17	MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 3' DASH, 9' SKIP
4	MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE	10	MARKING DIAGONAL EPOXY 12-INCH, WHITE	18	MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 2' DASH, GROOVED BLACK EPOXY 10-INCH, 6' DASH, 6' SKIP
5	MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 3' DASH, 9' SKIP	11	MARKING LINE GROOVED WET REF EPOXY 6-INCH, DOUBLE YELLOW	19	MARKING LINE EPOXY 4-INCH, WHITE, 12.5' DASH, 37.5' SKIP
6	MARKING ARROW EPOXY	12	MARKING CURB EPOXY, YELLOW	20	MARKING LINE EPOXY 8-INCH, WHITE
		13	MARKING ISLAND NOSE EPOXY, YELLOW	21	MARKING LINE EPOXY 4-INCH, DOUBLE YELLOW



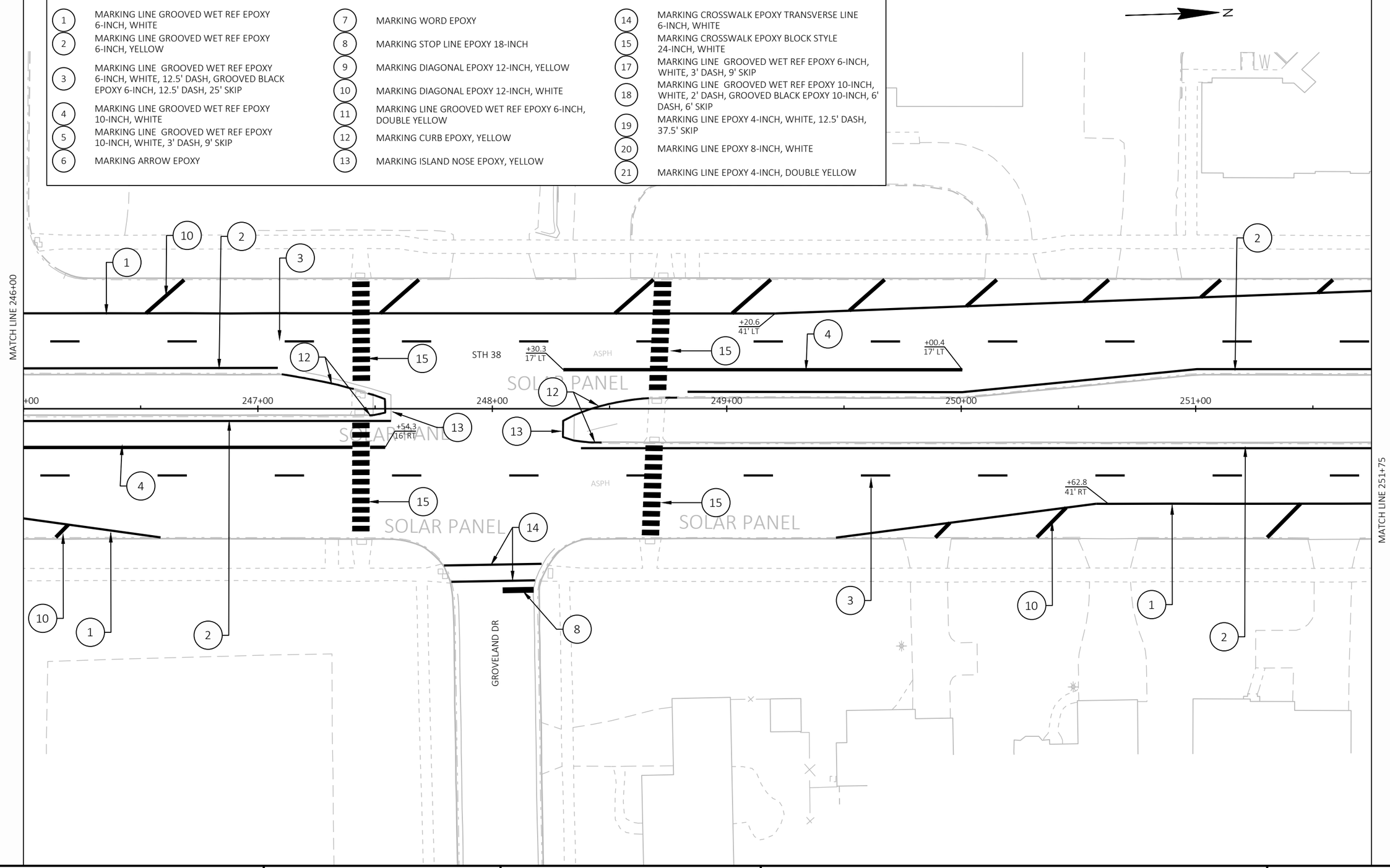
PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 353	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\024501-PM.DWG
LAYOUT NAME - 22

PLOT DATE : 7/16/2026 7:41 AM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1 IN:40 FT

LEGEND

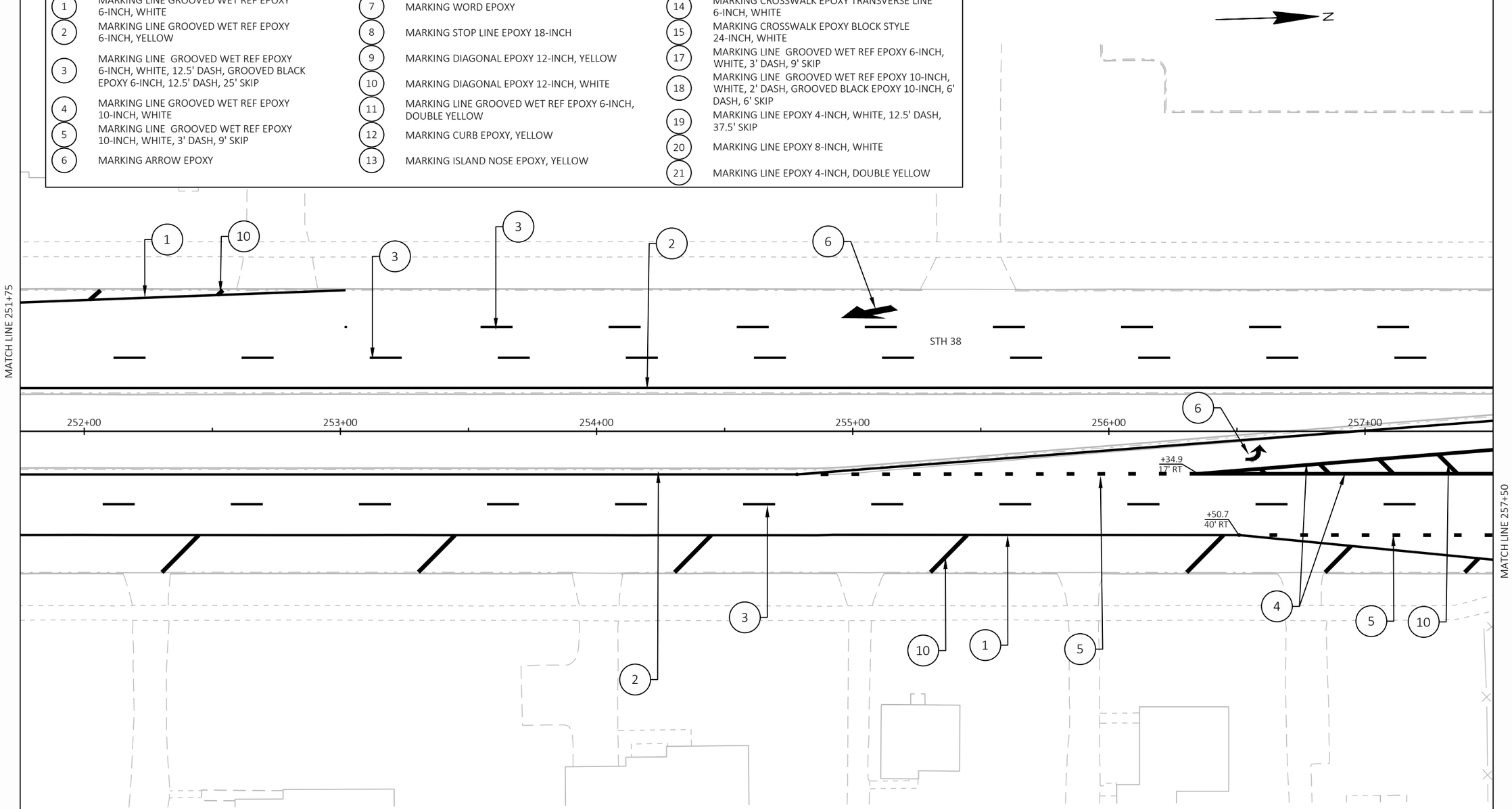
1	MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE	7	MARKING WORD EPOXY	14	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
2	MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW	8	MARKING STOP LINE EPOXY 18-INCH	15	MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH, WHITE
3	MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 12.5' DASH, GROOVED BLACK EPOXY 6-INCH, 12.5' DASH, 25' SKIP	9	MARKING DIAGONAL EPOXY 12-INCH, YELLOW	17	MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 3' DASH, 9' SKIP
4	MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE	10	MARKING DIAGONAL EPOXY 12-INCH, WHITE	18	MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 2' DASH, GROOVED BLACK EPOXY 10-INCH, 6' DASH, 6' SKIP
5	MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 3' DASH, 9' SKIP	11	MARKING LINE GROOVED WET REF EPOXY 6-INCH, DOUBLE YELLOW	19	MARKING LINE EPOXY 4-INCH, WHITE, 12.5' DASH, 37.5' SKIP
6	MARKING ARROW EPOXY	12	MARKING CURB EPOXY, YELLOW	20	MARKING LINE EPOXY 8-INCH, WHITE
		13	MARKING ISLAND NOSE EPOXY, YELLOW	21	MARKING LINE EPOXY 4-INCH, DOUBLE YELLOW



PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 354	E

LEGEND

1. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE
2. MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW
3. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 12.5' DASH, GROOVED BLACK EPOXY 6-INCH, 12.5' DASH, 25' SKIP
4. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE
5. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 3' DASH, 9' SKIP
6. MARKING ARROW EPOXY
7. MARKING WORD EPOXY
8. MARKING STOP LINE EPOXY 18-INCH
9. MARKING DIAGONAL EPOXY 12-INCH, YELLOW
10. MARKING DIAGONAL EPOXY 12-INCH, WHITE
11. MARKING LINE GROOVED WET REF EPOXY 6-INCH, DOUBLE YELLOW
12. MARKING CURB EPOXY, YELLOW
13. MARKING ISLAND NOSE EPOXY, YELLOW
14. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
15. MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH, WHITE
17. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 3' DASH, 9' SKIP
18. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 2' DASH, GROOVED BLACK EPOXY 10-INCH, 6' DASH, 6' SKIP
19. MARKING LINE EPOXY 4-INCH, WHITE, 12.5' DASH, 37.5' SKIP
20. MARKING LINE EPOXY 8-INCH, WHITE
21. MARKING LINE EPOXY 4-INCH, DOUBLE YELLOW



PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 355	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\024501-PM.DWG
LAYOUT NAME - 24
PLOT DATE : 7/16/2026 7:42 AM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

N

FOREST HILL AVE

MATCHLINE

MATCHLINE

MATCH LINE 257+50

MATCH LINE 263+20

STH 38

FOREST HILL AVE

FOREST HILL AVE

ONLY

ONLY

ONLY

+86.2
4' RT

+00.6
41' RT

258+00

259+00

260+00

261+00

262+00

263+00

LEGEND

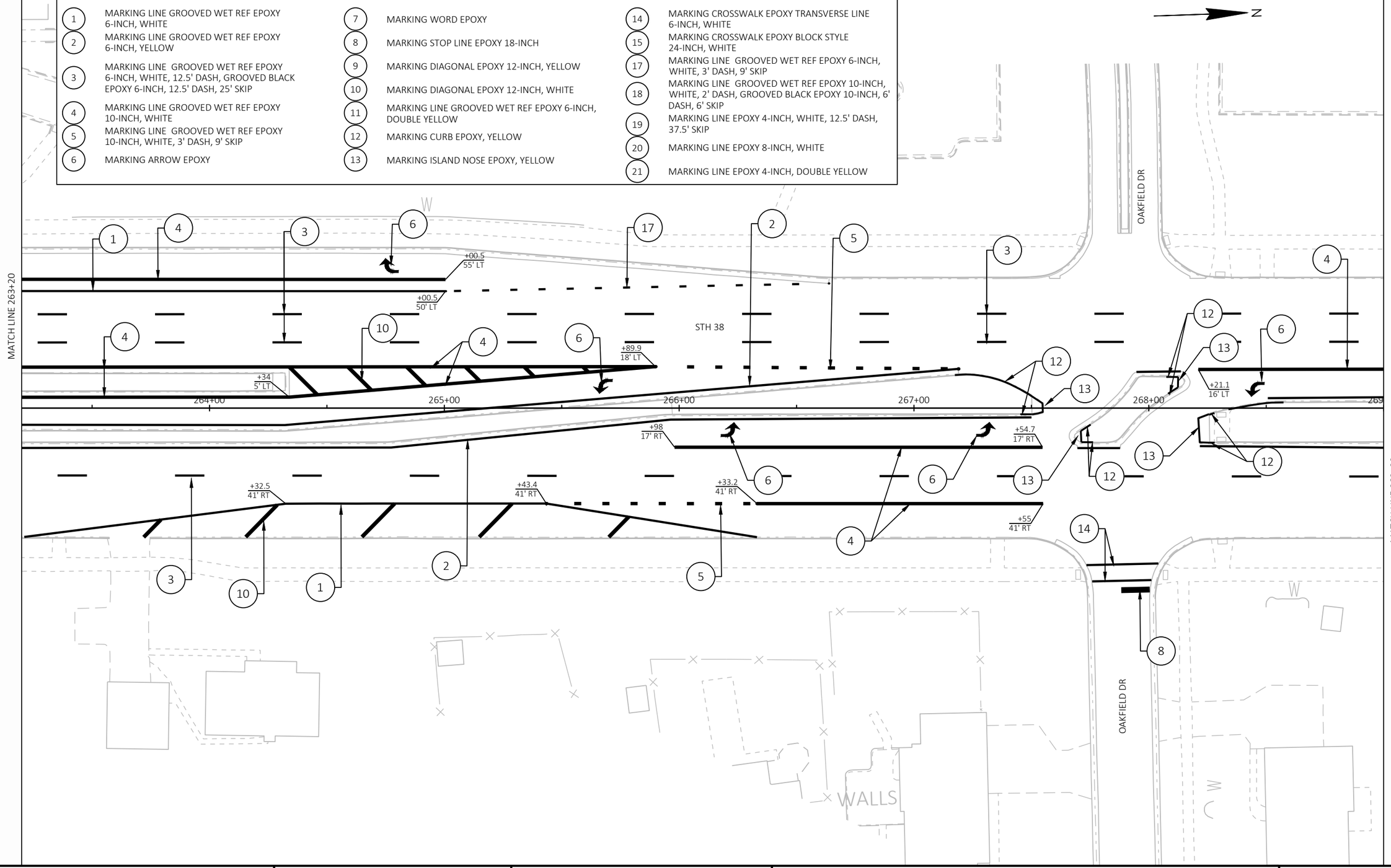
1	MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE
2	MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW
3	MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 12.5' DASH, GROOVED BLACK EPOXY 6-INCH, 12.5' DASH, 25' SKIP
4	MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE
5	MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 3' DASH, 9' SKIP
6	MARKING ARROW EPOXY
7	MARKING WORD EPOXY
8	MARKING STOP LINE EPOXY 18-INCH
9	MARKING DIAGONAL EPOXY 12-INCH, YELLOW
10	MARKING DIAGONAL EPOXY 12-INCH, WHITE
11	MARKING LINE GROOVED WET REF EPOXY 6-INCH, DOUBLE YELLOW
12	MARKING CURB EPOXY, YELLOW
13	MARKING ISLAND NOSE EPOXY, YELLOW
14	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
15	MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH, WHITE
17	MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 3' DASH, 9' SKIP
18	MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 2' DASH, GROOVED BLACK EPOXY 10-INCH, 6' DASH, 6' SKIP
19	MARKING LINE EPOXY 4-INCH, WHITE, 12.5' DASH, 37.5' SKIP
20	MARKING LINE EPOXY 8-INCH, WHITE
21	MARKING LINE EPOXY 4-INCH, DOUBLE YELLOW

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 356	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\024501-PM.DWG
LAYOUT NAME - 25
PLOT DATE : 7/16/2026 7:42 AM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

LEGEND

1. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE
2. MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW
3. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 12.5' DASH, GROOVED BLACK EPOXY 6-INCH, 12.5' DASH, 25' SKIP
4. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE
5. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 3' DASH, 9' SKIP
6. MARKING ARROW EPOXY
7. MARKING WORD EPOXY
8. MARKING STOP LINE EPOXY 18-INCH
9. MARKING DIAGONAL EPOXY 12-INCH, YELLOW
10. MARKING DIAGONAL EPOXY 12-INCH, WHITE
11. MARKING LINE GROOVED WET REF EPOXY 6-INCH, DOUBLE YELLOW
12. MARKING CURB EPOXY, YELLOW
13. MARKING ISLAND NOSE EPOXY, YELLOW
14. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
15. MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH, WHITE
17. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 3' DASH, 9' SKIP
18. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 2' DASH, GROOVED BLACK EPOXY 10-INCH, 6' DASH, 6' SKIP
19. MARKING LINE EPOXY 4-INCH, WHITE, 12.5' DASH, 37.5' SKIP
20. MARKING LINE EPOXY 8-INCH, WHITE
21. MARKING LINE EPOXY 4-INCH, DOUBLE YELLOW



PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 357	E

LEGEND

1. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE
2. MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW
3. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 12.5' DASH, GROOVED BLACK EPOXY 6-INCH, 12.5' DASH, 25' SKIP
4. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE
5. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 3' DASH, 9' SKIP
6. MARKING ARROW EPOXY
7. MARKING WORD EPOXY
8. MARKING STOP LINE EPOXY 18-INCH
9. MARKING DIAGONAL EPOXY 12-INCH, YELLOW
10. MARKING DIAGONAL EPOXY 12-INCH, WHITE
11. MARKING LINE GROOVED WET REF EPOXY 6-INCH, DOUBLE YELLOW
12. MARKING CURB EPOXY, YELLOW
13. MARKING ISLAND NOSE EPOXY, YELLOW
14. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
15. MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH, WHITE
17. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 3' DASH, 9' SKIP
18. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 2' DASH, GROOVED BLACK EPOXY 10-INCH, 6' DASH, 6' SKIP
19. MARKING LINE EPOXY 4-INCH, WHITE, 12.5' DASH, 37.5' SKIP
20. MARKING LINE EPOXY 8-INCH, WHITE
21. MARKING LINE EPOXY 4-INCH, DOUBLE YELLOW

N

MATCH LINE 269+00

MATCH LINE 274+75

+00 270+00 271+00 272+00 273+00 274+00

+59.9 17' LT

+98 5' RT

+49.2 16' RT

+97.9 17' RT

+24.4 41' RT

+71 41' RT

+11.8 42' RT

ASPH

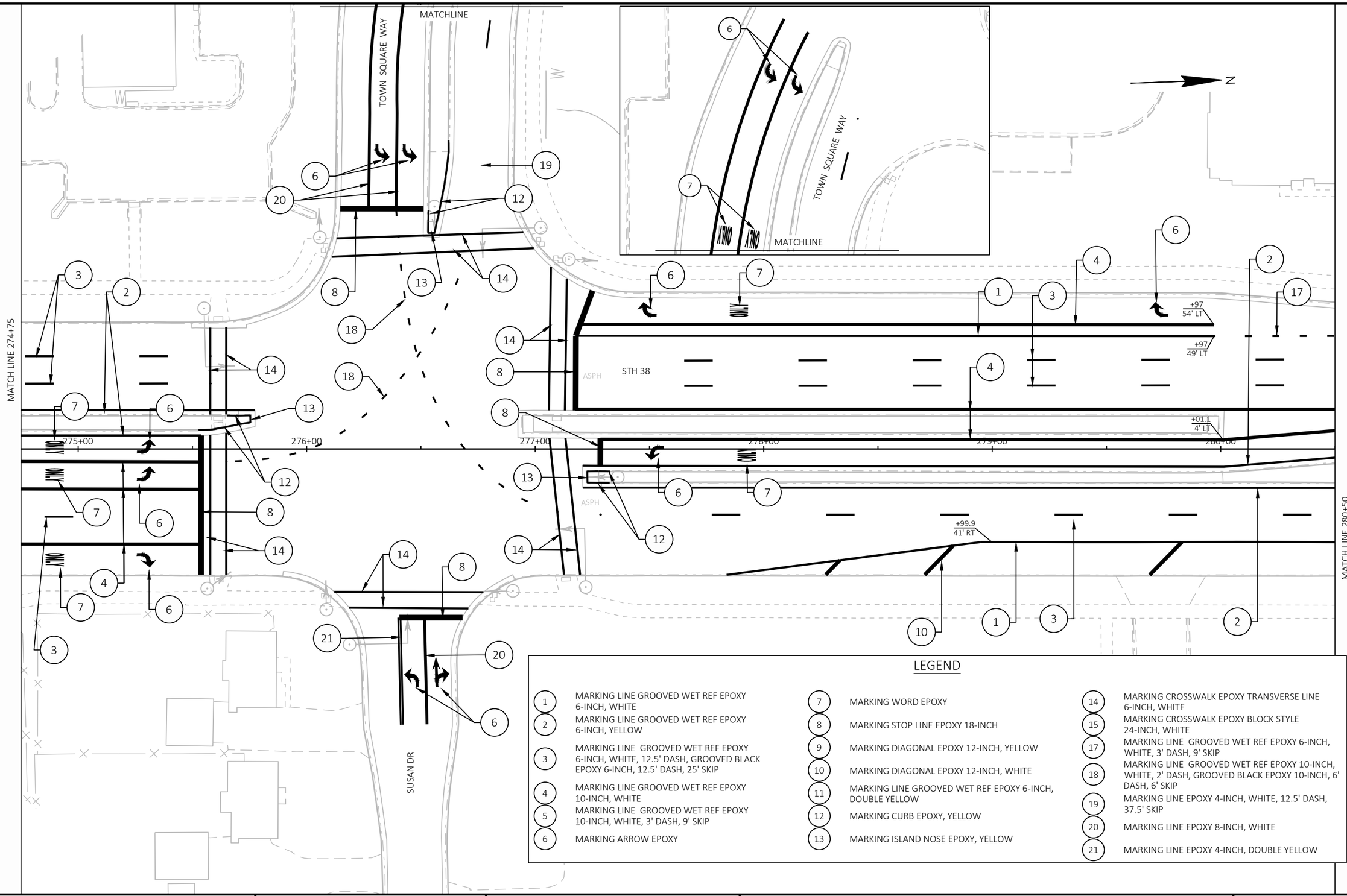
W

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 358	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\024501-PM.DWG
LAYOUT NAME - 27

PLOT DATE : 7/16/2026 7:42 AM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1 IN:40 FT

2



LEGEND

1	MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE	7	MARKING WORD EPOXY	14	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
2	MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW	8	MARKING STOP LINE EPOXY 18-INCH	15	MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH, WHITE
3	MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 12.5' DASH, GROOVED BLACK EPOXY 6-INCH, 12.5' DASH, 25' SKIP	9	MARKING DIAGONAL EPOXY 12-INCH, YELLOW	17	MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 3' DASH, 9' SKIP
4	MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE	10	MARKING DIAGONAL EPOXY 12-INCH, WHITE	18	MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 2' DASH, GROOVED BLACK EPOXY 10-INCH, 6' DASH, 6' SKIP
5	MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 3' DASH, 9' SKIP	11	MARKING LINE GROOVED WET REF EPOXY 6-INCH, DOUBLE YELLOW	19	MARKING LINE EPOXY 4-INCH, WHITE, 12.5' DASH, 37.5' SKIP
6	MARKING ARROW EPOXY	12	MARKING CURB EPOXY, YELLOW	20	MARKING LINE EPOXY 8-INCH, WHITE
		13	MARKING ISLAND NOSE EPOXY, YELLOW	21	MARKING LINE EPOXY 4-INCH, DOUBLE YELLOW

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 359	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\024501-PM.DWG
LAYOUT NAME - 28
PLOT DATE : 7/16/2026 7:42 AM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

LEGEND

1. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE
2. MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW
3. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 12.5' DASH, GROOVED BLACK EPOXY 6-INCH, 12.5' DASH, 25' SKIP
4. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE
5. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 3' DASH, 9' SKIP
6. MARKING ARROW EPOXY
7. MARKING WORD EPOXY
8. MARKING STOP LINE EPOXY 18-INCH
9. MARKING DIAGONAL EPOXY 12-INCH, YELLOW
10. MARKING DIAGONAL EPOXY 12-INCH, WHITE
11. MARKING LINE GROOVED WET REF EPOXY 6-INCH, DOUBLE YELLOW
12. MARKING CURB EPOXY, YELLOW
13. MARKING ISLAND NOSE EPOXY, YELLOW
14. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
15. MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH, WHITE
17. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 3' DASH, 9' SKIP
18. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 2' DASH, GROOVED BLACK EPOXY 10-INCH, 6' DASH, 6' SKIP
19. MARKING LINE EPOXY 4-INCH, WHITE, 12.5' DASH, 37.5' SKIP
20. MARKING LINE EPOXY 8-INCH, WHITE
21. MARKING LINE EPOXY 4-INCH, DOUBLE YELLOW

N

MATCH LINE 280+50

STH 38

+44.1
54' LT

+50.1
50' LT

+61.8
17' LT

281+00 282+00 283+00 284+00 285+00 286+00

+62.9
17' RT

+05.8
6' RT

+05.8
17' RT

+86.3
41' RT

+36.3
41' RT

MATCH LINE 286+25

2

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 360	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\024501-PM.DWG
LAYOUT NAME - 29

PLOT DATE : 7/16/2026 7:42 AM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

LEGEND

1	MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE
2	MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW
3	MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 12.5' DASH, GROOVED BLACK EPOXY 6-INCH, 12.5' DASH, 25' SKIP
4	MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE
5	MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 3' DASH, 9' SKIP
6	MARKING ARROW EPOXY
7	MARKING WORD EPOXY
8	MARKING STOP LINE EPOXY 18-INCH
9	MARKING DIAGONAL EPOXY 12-INCH, YELLOW
10	MARKING DIAGONAL EPOXY 12-INCH, WHITE
11	MARKING LINE GROOVED WET REF EPOXY 6-INCH, DOUBLE YELLOW
12	MARKING CURB EPOXY, YELLOW
13	MARKING ISLAND NOSE EPOXY, YELLOW
14	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
15	MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH, WHITE
17	MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 3' DASH, 9' SKIP
18	MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 2' DASH, GROOVED BLACK EPOXY 10-INCH, 6' DASH, 6' SKIP
19	MARKING LINE EPOXY 4-INCH, WHITE, 12.5' DASH, 37.5' SKIP
20	MARKING LINE EPOXY 8-INCH, WHITE
21	MARKING LINE EPOXY 4-INCH, DOUBLE YELLOW

MATCHLINE

DREXEL AVE

MATCHLINE

DREXEL AVE

MATCH LINE 286+25

STH 38

ASPH

+60
55' LT

287+00

288+00

289+00

290+00

291+00

292

MATCH LINE 292+00

MATCHLINE

DREXEL AVE

MATCHLINE

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 361	E

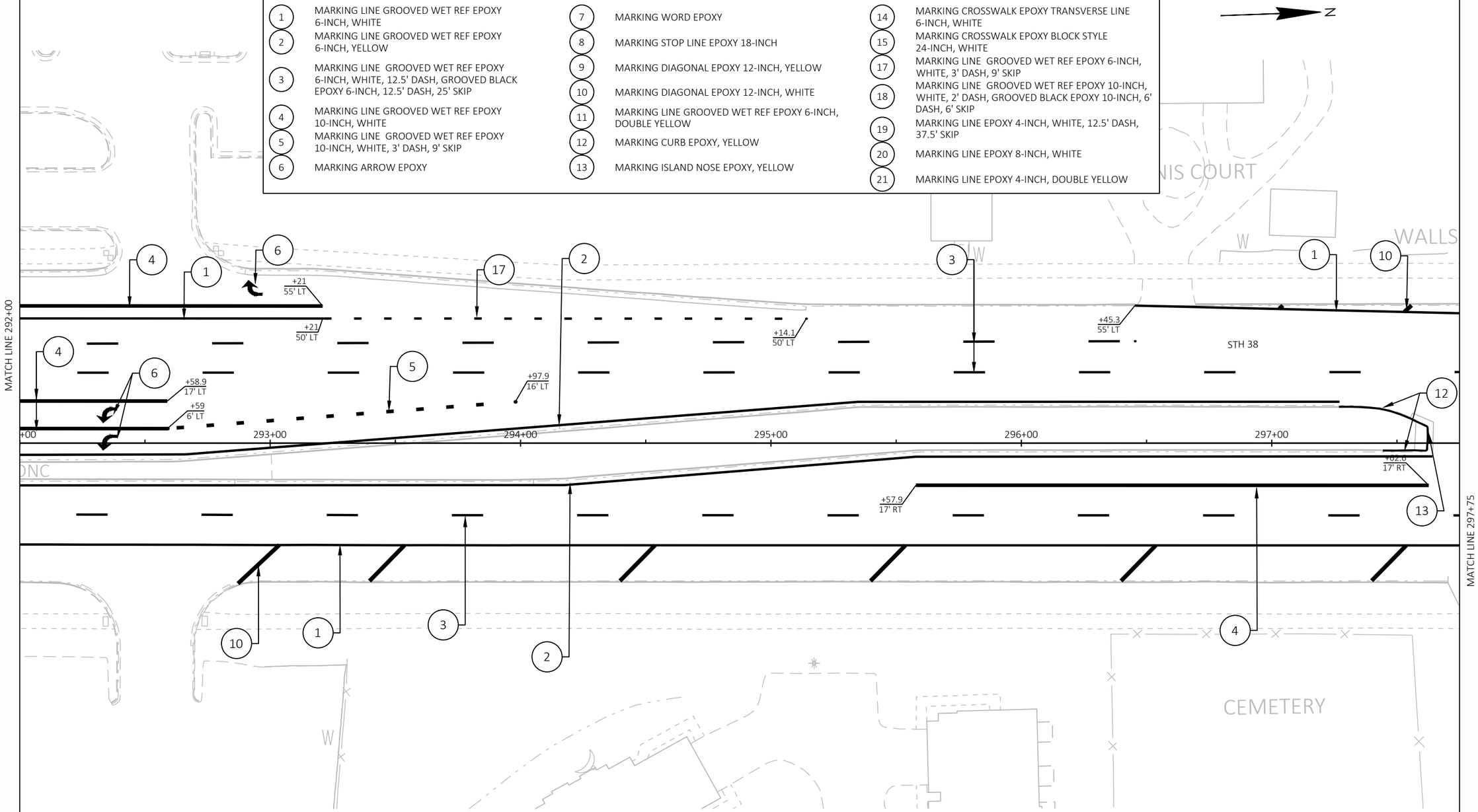
FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\024501-PM.DWG
LAYOUT NAME - 30

PLOT DATE : 7/16/2026 7:42 AM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

LEGEND

1. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE
2. MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW
3. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 12.5' DASH, GROOVED BLACK EPOXY 6-INCH, 12.5' DASH, 25' SKIP
4. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE
5. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 3' DASH, 9' SKIP
6. MARKING ARROW EPOXY
7. MARKING WORD EPOXY
8. MARKING STOP LINE EPOXY 18-INCH
9. MARKING DIAGONAL EPOXY 12-INCH, YELLOW
10. MARKING DIAGONAL EPOXY 12-INCH, WHITE
11. MARKING LINE GROOVED WET REF EPOXY 6-INCH, DOUBLE YELLOW
12. MARKING CURB EPOXY, YELLOW
13. MARKING ISLAND NOSE EPOXY, YELLOW
14. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
15. MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH, WHITE
17. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 3' DASH, 9' SKIP
18. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 2' DASH, GROOVED BLACK EPOXY 10-INCH, 6' DASH, 6' SKIP
19. MARKING LINE EPOXY 4-INCH, WHITE, 12.5' DASH, 37.5' SKIP
20. MARKING LINE EPOXY 8-INCH, WHITE
21. MARKING LINE EPOXY 4-INCH, DOUBLE YELLOW

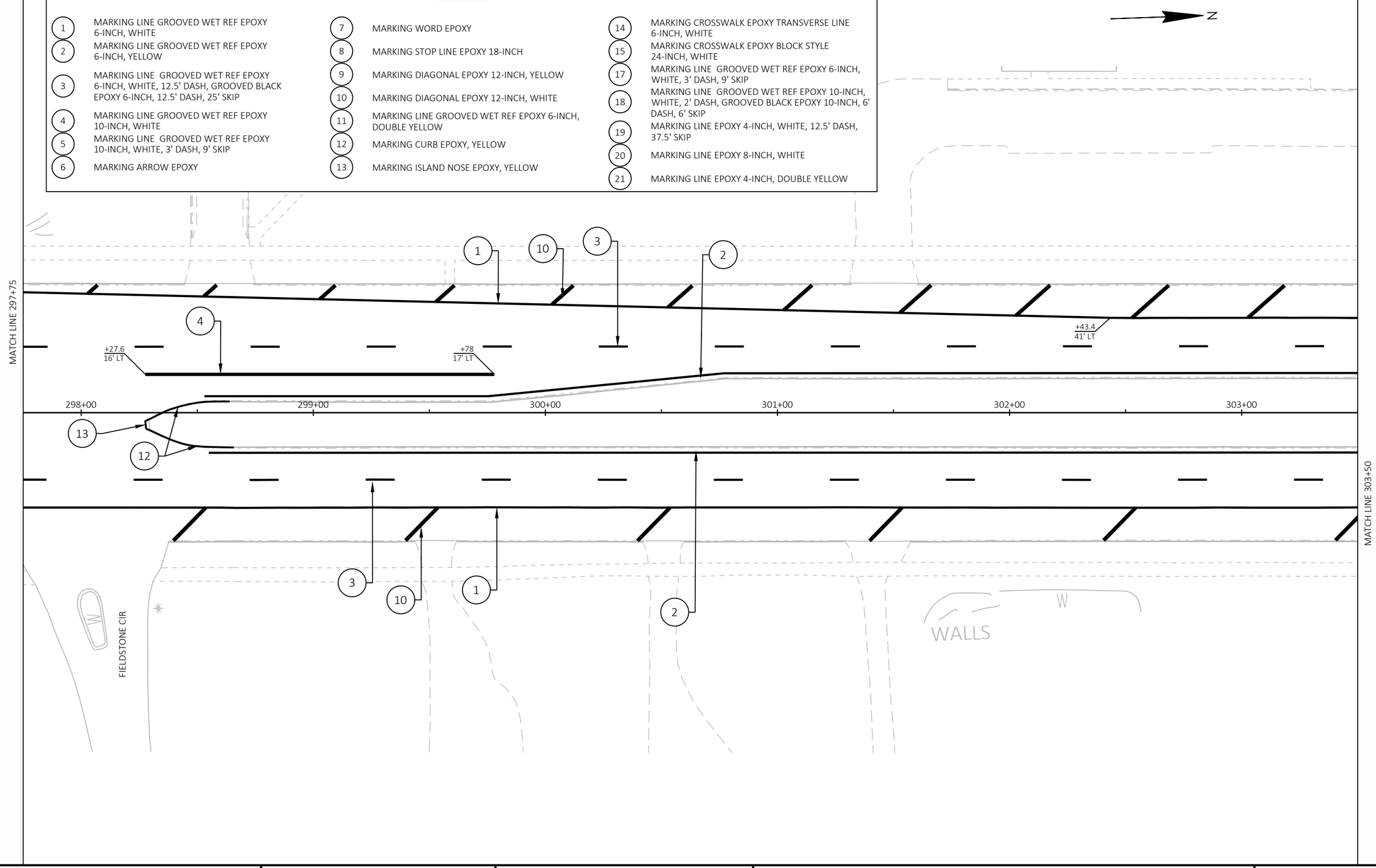


PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 362	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\024501-PM.DWG
LAYOUT NAME - 31
PLOT DATE : 7/16/2026 7:43 AM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

LEGEND

1. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE
2. MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW
3. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 12.5' DASH, GROOVED BLACK EPOXY 6-INCH, 12.5' DASH, 25' SKIP
4. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE
5. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 3' DASH, 9' SKIP
6. MARKING ARROW EPOXY
7. MARKING WORD EPOXY
8. MARKING STOP LINE EPOXY 18-INCH
9. MARKING DIAGONAL EPOXY 12-INCH, YELLOW
10. MARKING DIAGONAL EPOXY 12-INCH, WHITE
11. MARKING LINE GROOVED WET REF EPOXY 6-INCH, DOUBLE YELLOW
12. MARKING CURB EPOXY, YELLOW
13. MARKING ISLAND NOSE EPOXY, YELLOW
14. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
15. MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH, WHITE
17. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 3' DASH, 9' SKIP
18. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 2' DASH, GROOVED BLACK EPOXY 10-INCH, 6' DASH, 6' SKIP
19. MARKING LINE EPOXY 4-INCH, WHITE, 12.5' DASH, 37.5' SKIP
20. MARKING LINE EPOXY 8-INCH, WHITE
21. MARKING LINE EPOXY 4-INCH, DOUBLE YELLOW

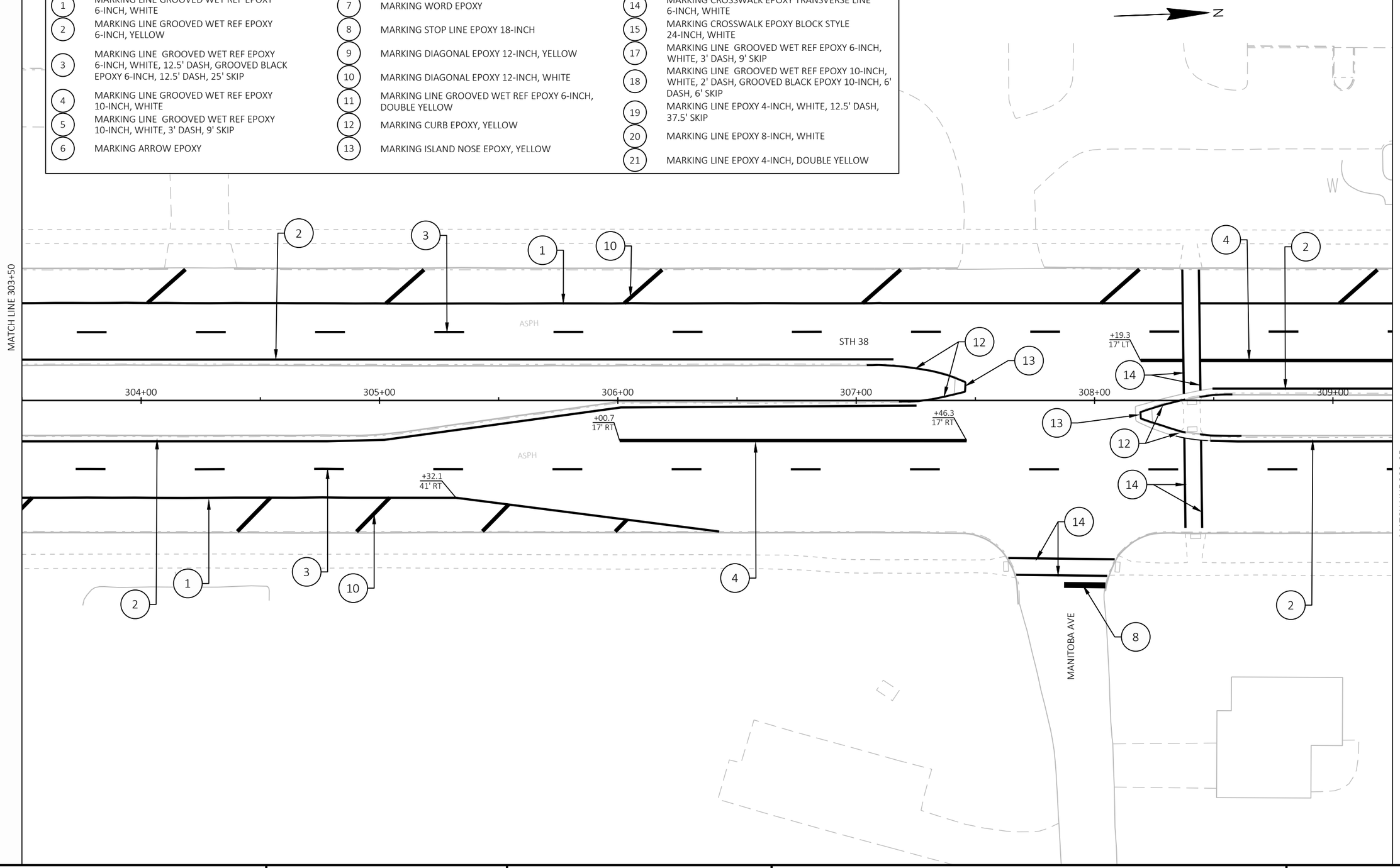


PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 363	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\024501-PM.DWG
LAYOUT NAME - 32
PLOT DATE : 7/16/2026 7:43 AM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

LEGEND

1	MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE	7	MARKING WORD EPOXY	14	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
2	MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW	8	MARKING STOP LINE EPOXY 18-INCH	15	MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH, WHITE
3	MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 12.5' DASH, GROOVED BLACK EPOXY 6-INCH, 12.5' DASH, 25' SKIP	9	MARKING DIAGONAL EPOXY 12-INCH, YELLOW	17	MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 3' DASH, 9' SKIP
4	MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE	10	MARKING DIAGONAL EPOXY 12-INCH, WHITE	18	MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 2' DASH, GROOVED BLACK EPOXY 10-INCH, 6' DASH, 6' SKIP
5	MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 3' DASH, 9' SKIP	11	MARKING LINE GROOVED WET REF EPOXY 6-INCH, DOUBLE YELLOW	19	MARKING LINE EPOXY 4-INCH, WHITE, 12.5' DASH, 37.5' SKIP
6	MARKING ARROW EPOXY	12	MARKING CURB EPOXY, YELLOW	20	MARKING LINE EPOXY 8-INCH, WHITE
		13	MARKING ISLAND NOSE EPOXY, YELLOW	21	MARKING LINE EPOXY 4-INCH, DOUBLE YELLOW



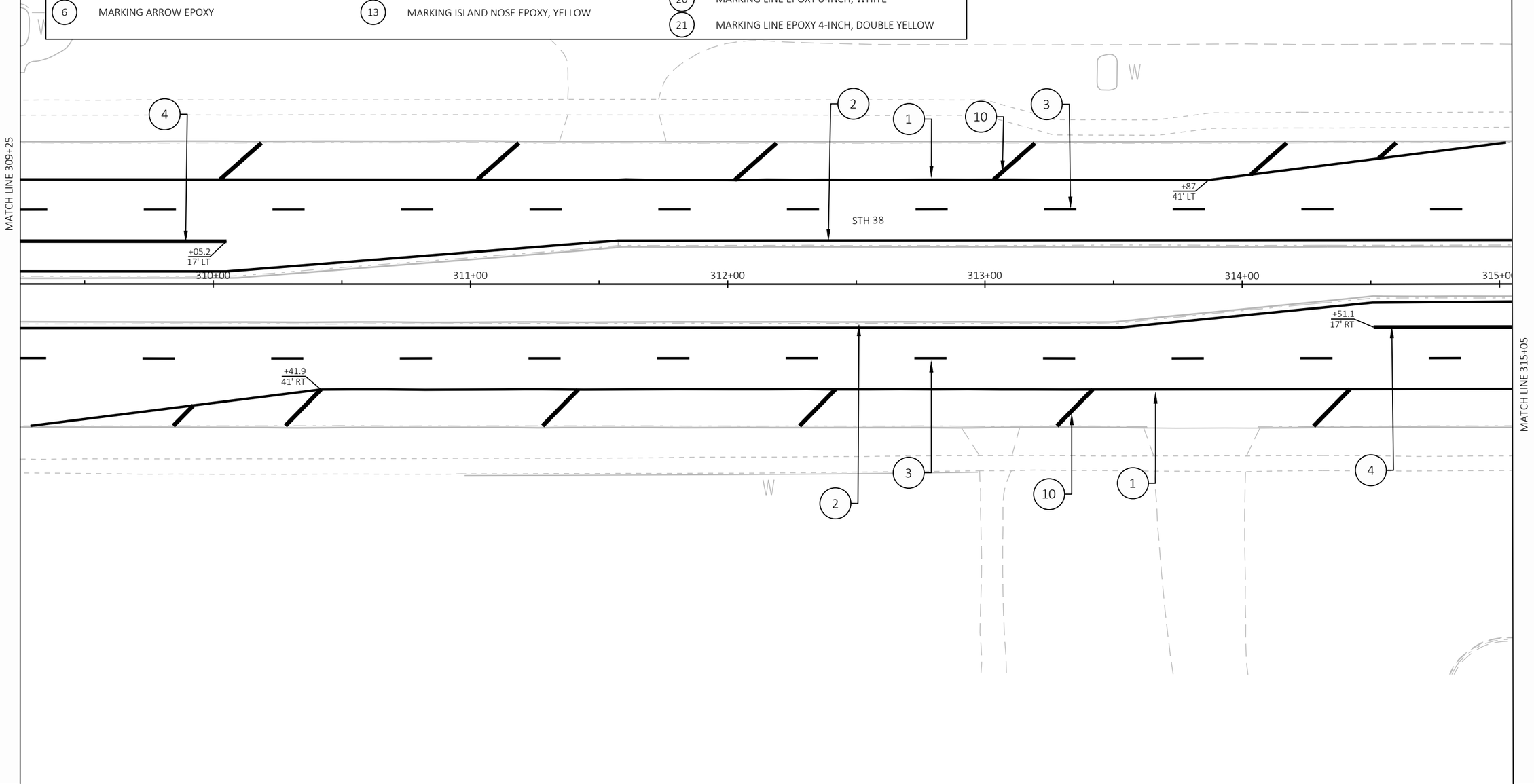
PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 364	E

2

LEGEND

1. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE
2. MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW
3. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 12.5' DASH, GROOVED BLACK EPOXY 6-INCH, 12.5' DASH, 25' SKIP
4. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE
5. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 3' DASH, 9' SKIP
6. MARKING ARROW EPOXY
7. MARKING WORD EPOXY
8. MARKING STOP LINE EPOXY 18-INCH
9. MARKING DIAGONAL EPOXY 12-INCH, YELLOW
10. MARKING DIAGONAL EPOXY 12-INCH, WHITE
11. MARKING LINE GROOVED WET REF EPOXY 6-INCH, DOUBLE YELLOW
12. MARKING CURB EPOXY, YELLOW
13. MARKING ISLAND NOSE EPOXY, YELLOW
14. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
15. MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH, WHITE
17. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 3' DASH, 9' SKIP
18. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 2' DASH, GROOVED BLACK EPOXY 10-INCH, 6' DASH, 6' SKIP
19. MARKING LINE EPOXY 4-INCH, WHITE, 12.5' DASH, 37.5' SKIP
20. MARKING LINE EPOXY 8-INCH, WHITE
21. MARKING LINE EPOXY 4-INCH, DOUBLE YELLOW

N



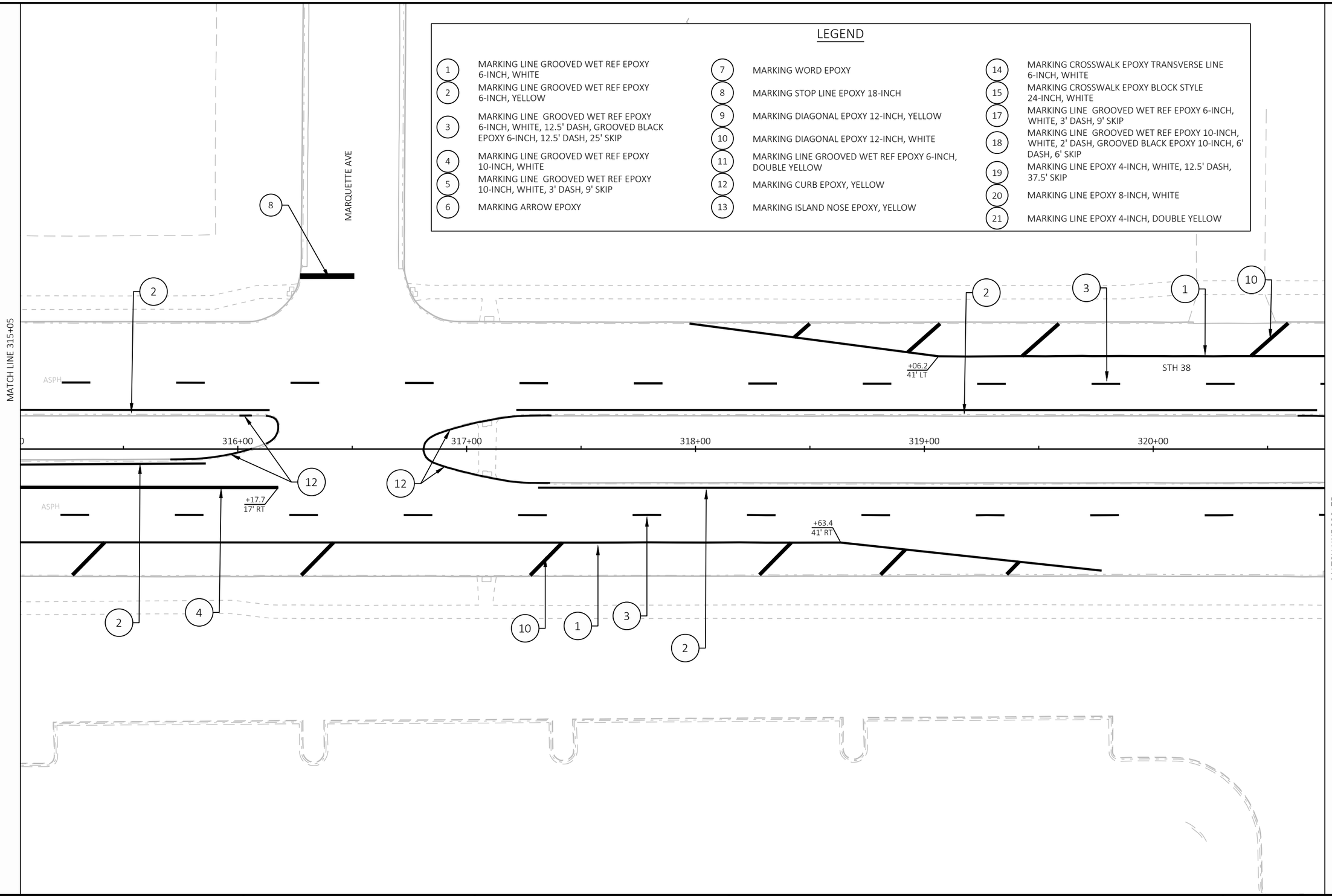
PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 365	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\024501-PM.DWG
LAYOUT NAME - 34

PLOT DATE : 7/16/2026 7:43 AM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1 IN:40 FT

LEGEND

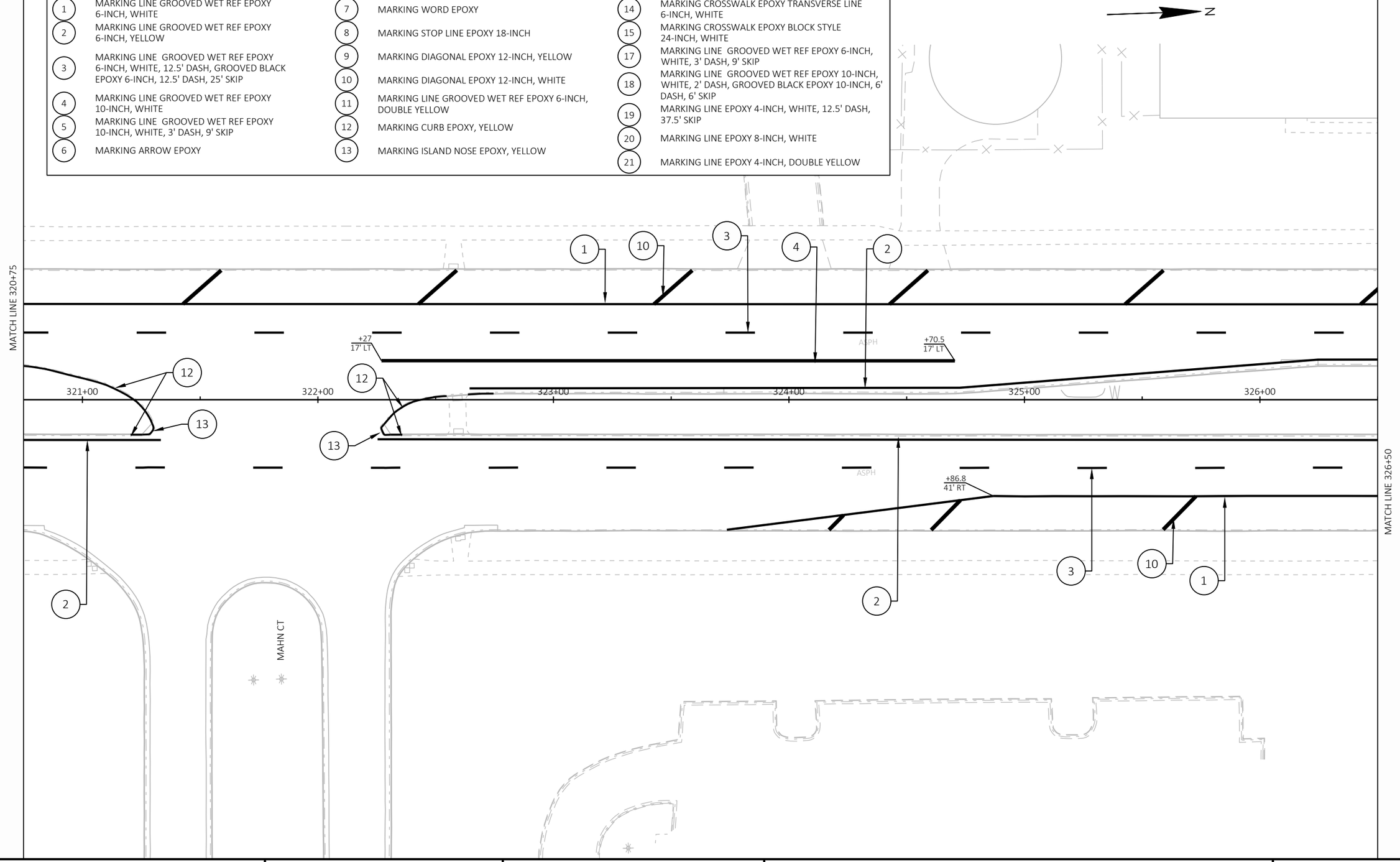
1	MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE	7	MARKING WORD EPOXY	14	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
2	MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW	8	MARKING STOP LINE EPOXY 18-INCH	15	MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH, WHITE
3	MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 12.5' DASH, GROOVED BLACK EPOXY 6-INCH, 12.5' DASH, 25' SKIP	9	MARKING DIAGONAL EPOXY 12-INCH, YELLOW	17	MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 3' DASH, 9' SKIP
4	MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE	10	MARKING DIAGONAL EPOXY 12-INCH, WHITE	18	MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 2' DASH, GROOVED BLACK EPOXY 10-INCH, 6' DASH, 6' SKIP
5	MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 3' DASH, 9' SKIP	11	MARKING LINE GROOVED WET REF EPOXY 6-INCH, DOUBLE YELLOW	19	MARKING LINE EPOXY 4-INCH, WHITE, 12.5' DASH, 37.5' SKIP
6	MARKING ARROW EPOXY	12	MARKING CURB EPOXY, YELLOW	20	MARKING LINE EPOXY 8-INCH, WHITE
		13	MARKING ISLAND NOSE EPOXY, YELLOW	21	MARKING LINE EPOXY 4-INCH, DOUBLE YELLOW



PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 366	E

LEGEND

1	MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE	7	MARKING WORD EPOXY	14	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
2	MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW	8	MARKING STOP LINE EPOXY 18-INCH	15	MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH, WHITE
3	MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 12.5' DASH, GROOVED BLACK EPOXY 6-INCH, 12.5' DASH, 25' SKIP	9	MARKING DIAGONAL EPOXY 12-INCH, YELLOW	17	MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 3' DASH, 9' SKIP
4	MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE	10	MARKING DIAGONAL EPOXY 12-INCH, WHITE	18	MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 2' DASH, GROOVED BLACK EPOXY 10-INCH, 6' DASH, 6' SKIP
5	MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 3' DASH, 9' SKIP	11	MARKING LINE GROOVED WET REF EPOXY 6-INCH, DOUBLE YELLOW	19	MARKING LINE EPOXY 4-INCH, WHITE, 12.5' DASH, 37.5' SKIP
6	MARKING ARROW EPOXY	12	MARKING CURB EPOXY, YELLOW	20	MARKING LINE EPOXY 8-INCH, WHITE
		13	MARKING ISLAND NOSE EPOXY, YELLOW	21	MARKING LINE EPOXY 4-INCH, DOUBLE YELLOW



PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 367	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\024501-PM.DWG
LAYOUT NAME - 36

PLOT DATE : 7/16/2026 7:43 AM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1 IN:40 FT

LEGEND

1. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE
2. MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW
3. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 12.5' DASH, GROOVED BLACK EPOXY 6-INCH, 12.5' DASH, 25' SKIP
4. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE
5. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 3' DASH, 9' SKIP
6. MARKING ARROW EPOXY
7. MARKING WORD EPOXY
8. MARKING STOP LINE EPOXY 18-INCH
9. MARKING DIAGONAL EPOXY 12-INCH, YELLOW
10. MARKING DIAGONAL EPOXY 12-INCH, WHITE
11. MARKING LINE GROOVED WET REF EPOXY 6-INCH, DOUBLE YELLOW
12. MARKING CURB EPOXY, YELLOW
13. MARKING ISLAND NOSE EPOXY, YELLOW
14. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
15. MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH, WHITE
17. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 3' DASH, 9' SKIP
18. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 2' DASH, GROOVED BLACK EPOXY 10-INCH, 6' DASH, 6' SKIP
19. MARKING LINE EPOXY 4-INCH, WHITE, 12.5' DASH, 37.5' SKIP
20. MARKING LINE EPOXY 8-INCH, WHITE
21. MARKING LINE EPOXY 4-INCH, DOUBLE YELLOW

N

MATCH LINE 326+50

STH 38

+88.4
17' LT

+00.3
17' LT

+98
18' RT

327+00 328+00 329+00 330+00 331+00 332+00

MATCH LINE 332+25

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 368	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\024501-PM.DWG
LAYOUT NAME - 37

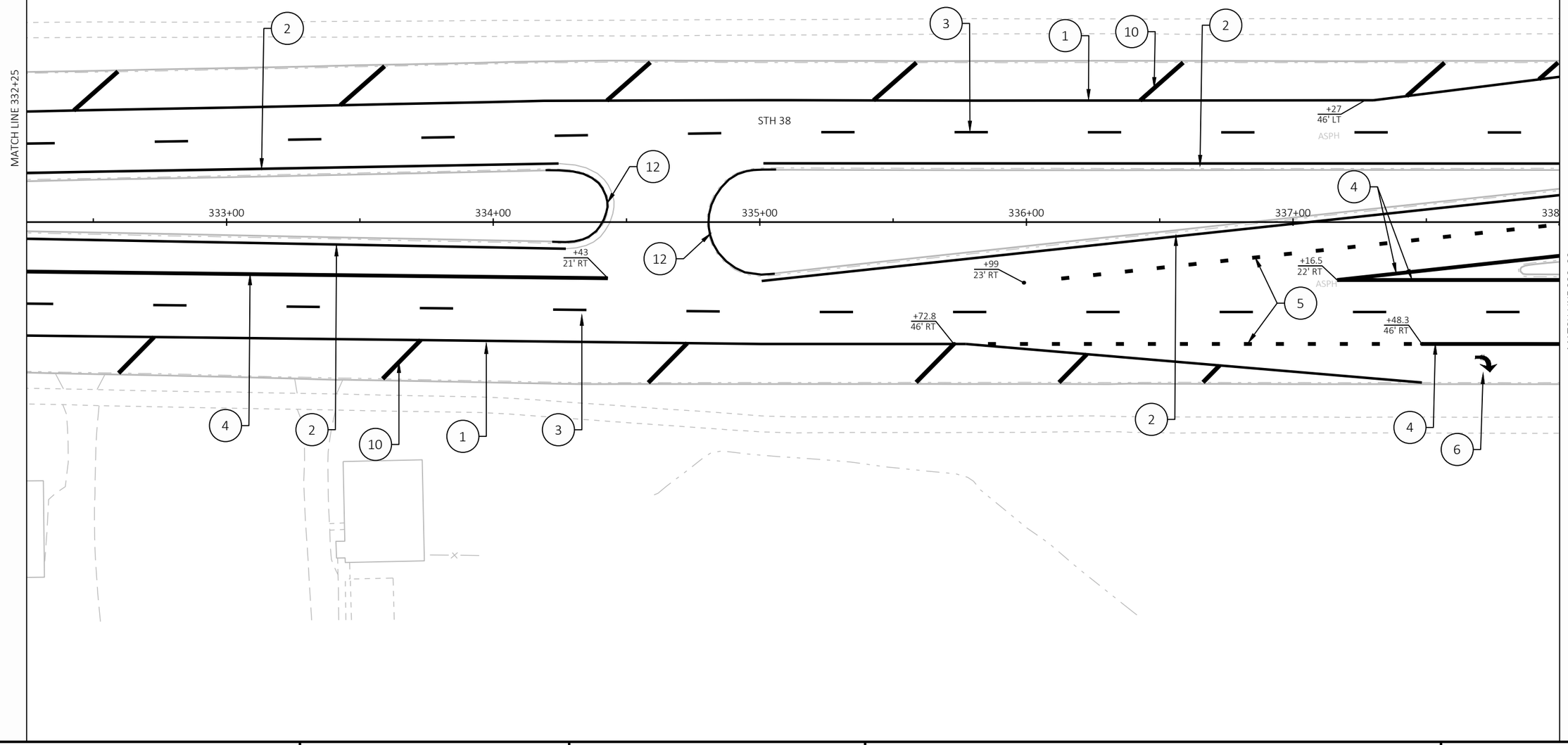
PLOT DATE : 7/16/2026 7:43 AM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND

1. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE
2. MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW
3. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 12.5' DASH, GROOVED BLACK EPOXY 6-INCH, 12.5' DASH, 25' SKIP
4. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE
5. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 3' DASH, 9' SKIP
6. MARKING ARROW EPOXY
7. MARKING WORD EPOXY
8. MARKING STOP LINE EPOXY 18-INCH
9. MARKING DIAGONAL EPOXY 12-INCH, YELLOW
10. MARKING DIAGONAL EPOXY 12-INCH, WHITE
11. MARKING LINE GROOVED WET REF EPOXY 6-INCH, DOUBLE YELLOW
12. MARKING CURB EPOXY, YELLOW
13. MARKING ISLAND NOSE EPOXY, YELLOW
14. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
15. MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH, WHITE
17. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 3' DASH, 9' SKIP
18. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 2' DASH, GROOVED BLACK EPOXY 10-INCH, 6' DASH, 6' SKIP
19. MARKING LINE EPOXY 4-INCH, WHITE, 12.5' DASH, 37.5' SKIP
20. MARKING LINE EPOXY 8-INCH, WHITE
21. MARKING LINE EPOXY 4-INCH, DOUBLE YELLOW

N



PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 369	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\024501-PM.DWG
LAYOUT NAME - 38

PLOT DATE : 7/16/2026 7:43 AM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND

1	MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE
2	MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW
3	MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 12.5' DASH, GROOVED BLACK EPOXY 6-INCH, 12.5' DASH, 25' SKIP
4	MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE
5	MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 3' DASH, 9' SKIP
6	MARKING ARROW EPOXY
7	MARKING WORD EPOXY
8	MARKING STOP LINE EPOXY 18-INCH
9	MARKING DIAGONAL EPOXY 12-INCH, YELLOW
10	MARKING DIAGONAL EPOXY 12-INCH, WHITE
11	MARKING LINE GROOVED WET REF EPOXY 6-INCH, DOUBLE YELLOW
12	MARKING CURB EPOXY, YELLOW
13	MARKING ISLAND NOSE EPOXY, YELLOW
14	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE

LEGEND

15	MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH, WHITE
17	MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 3' DASH, 9' SKIP
18	MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 2' DASH, GROOVED BLACK EPOXY 10-INCH, 6' DASH, 6' SKIP
19	MARKING LINE EPOXY 4-INCH, WHITE, 12.5' DASH, 37.5' SKIP
20	MARKING LINE EPOXY 8-INCH, WHITE
21	MARKING LINE EPOXY 4-INCH, DOUBLE YELLOW

MATCHLINE

MATCHLINE

MATCHLINE

MATCHLINE

RAWSON AVE

RAWSON AVE

STH 38

MATCH LINE 338+00

MATCH LINE 343+75

N

+00.2
1' RT

+00

+10
12' RT

339+00

340+00

341+00

342+00

343+00

+30.4
47' LT

+37.8
11' LT

+37.7
0' RT

+65.6
45' RT

ONLY

ONLY

ONLY

ONLY

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 370	E

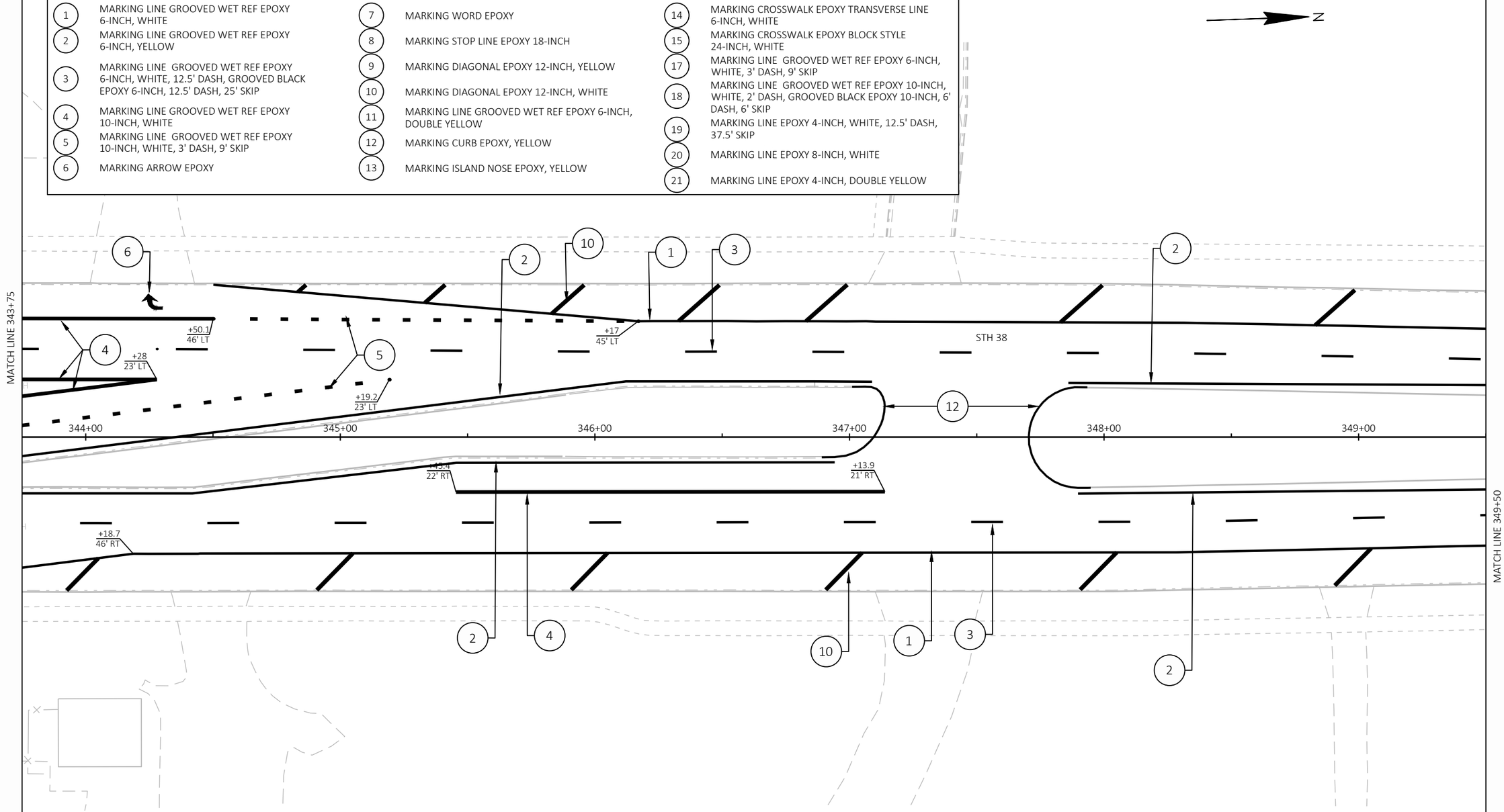
FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\024501-PM.DWG
LAYOUT NAME - 39

PLOT DATE : 7/16/2026 7:43 AM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

LEGEND

1	MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE	7	MARKING WORD EPOXY	14	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
2	MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW	8	MARKING STOP LINE EPOXY 18-INCH	15	MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH, WHITE
3	MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 12.5' DASH, GROOVED BLACK EPOXY 6-INCH, 12.5' DASH, 25' SKIP	9	MARKING DIAGONAL EPOXY 12-INCH, YELLOW	17	MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 3' DASH, 9' SKIP
4	MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE	10	MARKING DIAGONAL EPOXY 12-INCH, WHITE	18	MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 2' DASH, GROOVED BLACK EPOXY 10-INCH, 6' DASH, 6' SKIP
5	MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 3' DASH, 9' SKIP	11	MARKING LINE GROOVED WET REF EPOXY 6-INCH, DOUBLE YELLOW	19	MARKING LINE EPOXY 4-INCH, WHITE, 12.5' DASH, 37.5' SKIP
6	MARKING ARROW EPOXY	12	MARKING CURB EPOXY, YELLOW	20	MARKING LINE EPOXY 8-INCH, WHITE
		13	MARKING ISLAND NOSE EPOXY, YELLOW	21	MARKING LINE EPOXY 4-INCH, DOUBLE YELLOW



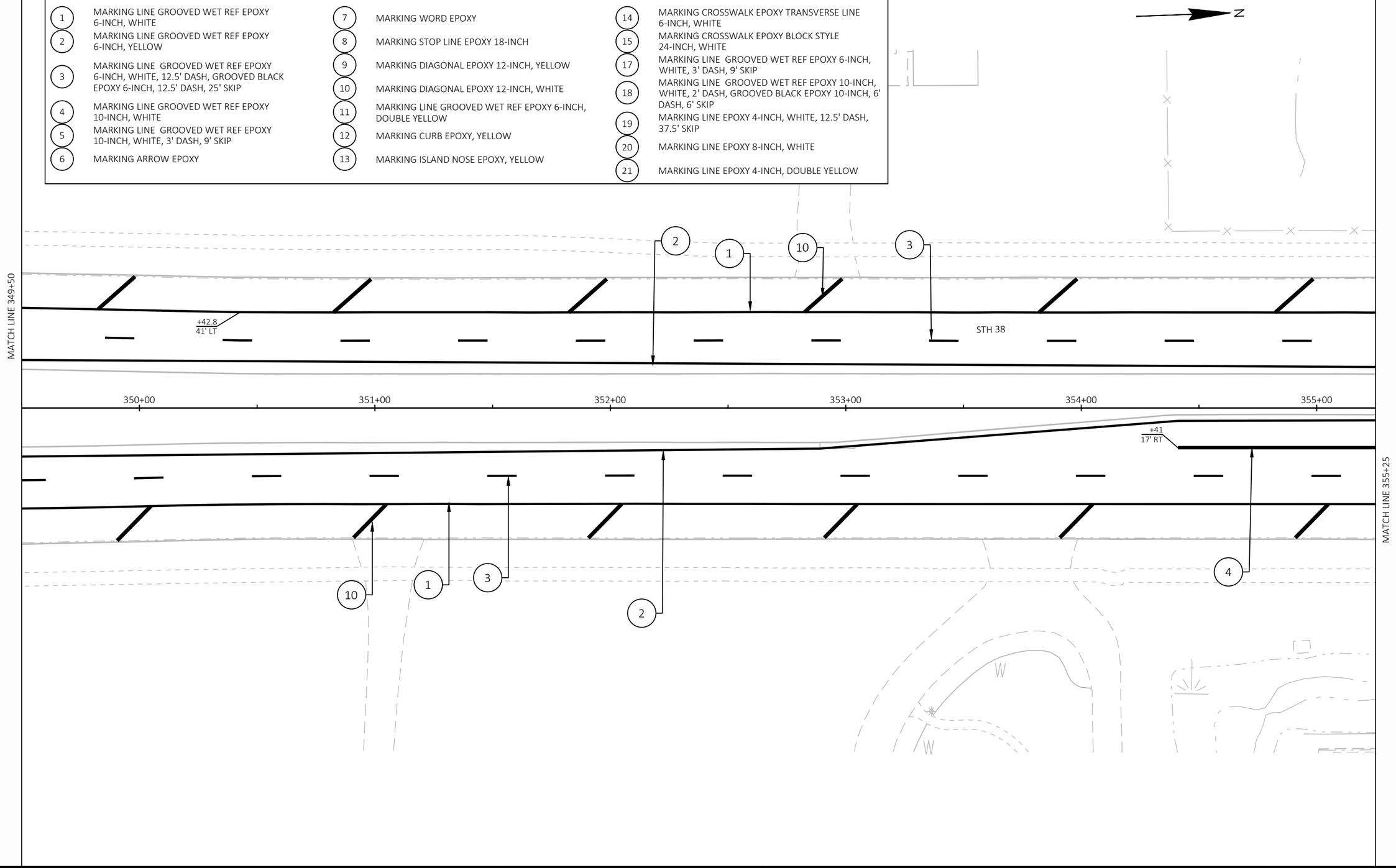
PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 371	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\024501-PM.DWG
LAYOUT NAME - 40
PLOT DATE : 7/16/2026 7:43 AM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

LEGEND

1. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE
2. MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW
3. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 12.5' DASH, GROOVED BLACK EPOXY 6-INCH, 12.5' DASH, 25' SKIP
4. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE
5. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 3' DASH, 9' SKIP
6. MARKING ARROW EPOXY
7. MARKING WORD EPOXY
8. MARKING STOP LINE EPOXY 18-INCH
9. MARKING DIAGONAL EPOXY 12-INCH, YELLOW
10. MARKING DIAGONAL EPOXY 12-INCH, WHITE
11. MARKING LINE GROOVED WET REF EPOXY 6-INCH, DOUBLE YELLOW
12. MARKING CURB EPOXY, YELLOW
13. MARKING ISLAND NOSE EPOXY, YELLOW
14. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
15. MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH, WHITE
17. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 3' DASH, 9' SKIP
18. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 2' DASH, GROOVED BLACK EPOXY 10-INCH, 6' DASH, 6' SKIP
19. MARKING LINE EPOXY 4-INCH, WHITE, 12.5' DASH, 37.5' SKIP
20. MARKING LINE EPOXY 8-INCH, WHITE
21. MARKING LINE EPOXY 4-INCH, DOUBLE YELLOW



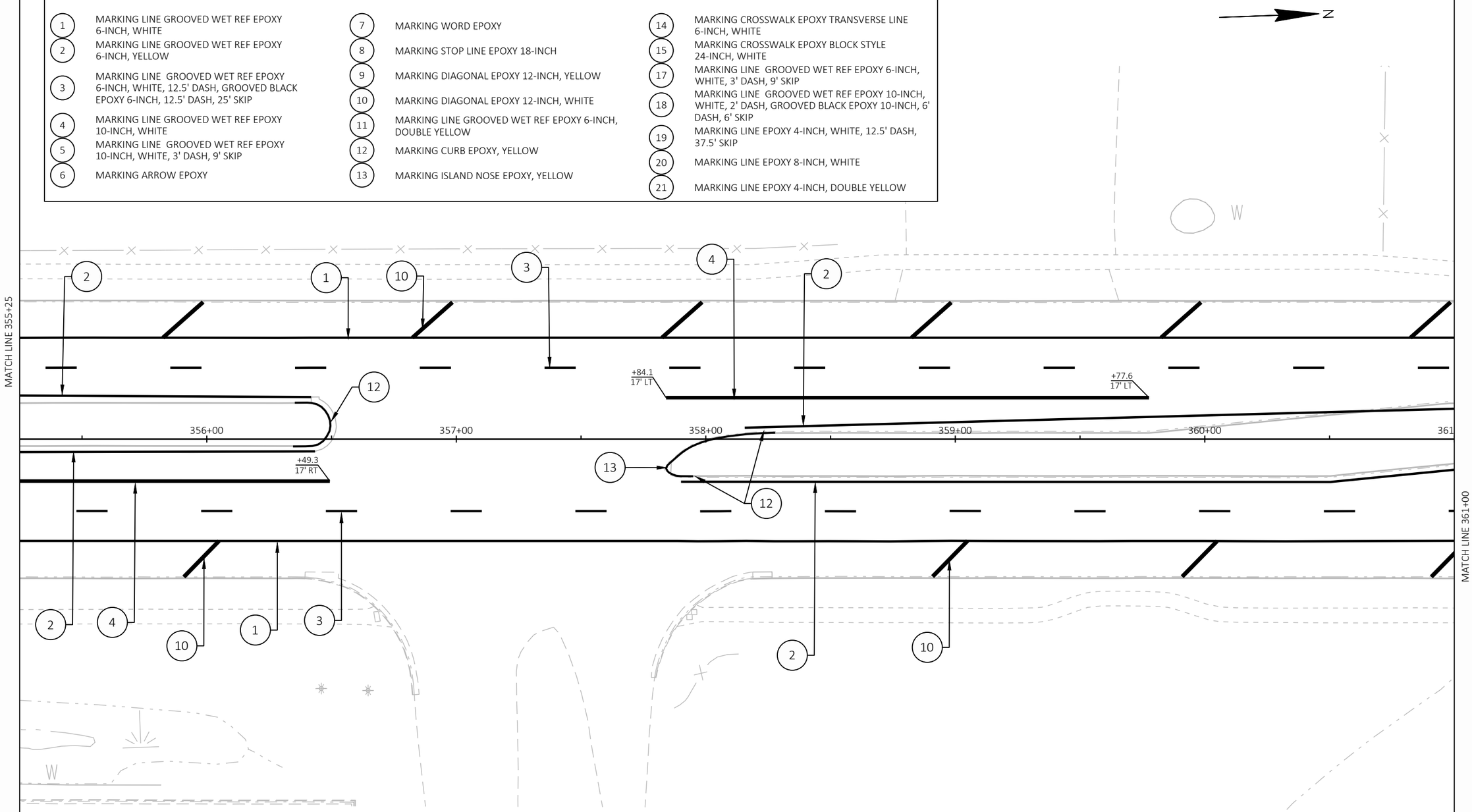
PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 372	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\024501-PM.DWG
LAYOUT NAME - 41

PLOT DATE : 7/16/2026 7:43 AM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1 IN:40 FT

LEGEND

1. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE
2. MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW
3. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 12.5' DASH, GROOVED BLACK EPOXY 6-INCH, 12.5' DASH, 25' SKIP
4. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE
5. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 3' DASH, 9' SKIP
6. MARKING ARROW EPOXY
7. MARKING WORD EPOXY
8. MARKING STOP LINE EPOXY 18-INCH
9. MARKING DIAGONAL EPOXY 12-INCH, YELLOW
10. MARKING DIAGONAL EPOXY 12-INCH, WHITE
11. MARKING LINE GROOVED WET REF EPOXY 6-INCH, DOUBLE YELLOW
12. MARKING CURB EPOXY, YELLOW
13. MARKING ISLAND NOSE EPOXY, YELLOW
14. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
15. MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH, WHITE
17. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 3' DASH, 9' SKIP
18. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 2' DASH, GROOVED BLACK EPOXY 10-INCH, 6' DASH, 6' SKIP
19. MARKING LINE EPOXY 4-INCH, WHITE, 12.5' DASH, 37.5' SKIP
20. MARKING LINE EPOXY 8-INCH, WHITE
21. MARKING LINE EPOXY 4-INCH, DOUBLE YELLOW

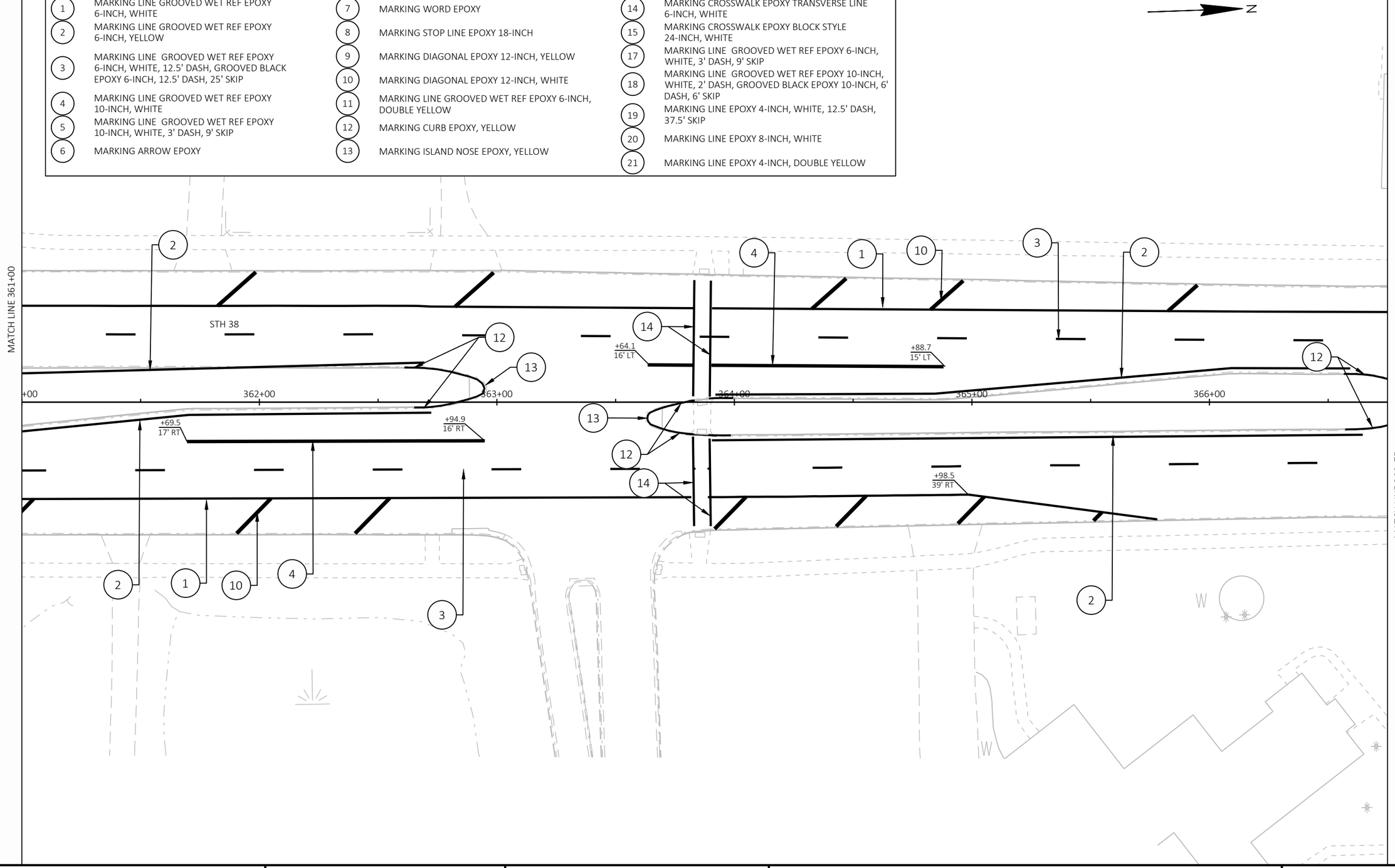


PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 373	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\024501-PM.DWG
LAYOUT NAME - 42
PLOT DATE : 7/16/2026 7:44 AM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1 IN:40 FT

LEGEND

1	MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE	7	MARKING WORD EPOXY	14	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
2	MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW	8	MARKING STOP LINE EPOXY 18-INCH	15	MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH, WHITE
3	MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 12.5' DASH, GROOVED BLACK EPOXY 6-INCH, 12.5' DASH, 25' SKIP	9	MARKING DIAGONAL EPOXY 12-INCH, YELLOW	17	MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 3' DASH, 9' SKIP
4	MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE	10	MARKING DIAGONAL EPOXY 12-INCH, WHITE	18	MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 2' DASH, GROOVED BLACK EPOXY 10-INCH, 6' DASH, 6' SKIP
5	MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 3' DASH, 9' SKIP	11	MARKING LINE GROOVED WET REF EPOXY 6-INCH, DOUBLE YELLOW	19	MARKING LINE EPOXY 4-INCH, WHITE, 12.5' DASH, 37.5' SKIP
6	MARKING ARROW EPOXY	12	MARKING CURB EPOXY, YELLOW	20	MARKING LINE EPOXY 8-INCH, WHITE
		13	MARKING ISLAND NOSE EPOXY, YELLOW	21	MARKING LINE EPOXY 4-INCH, DOUBLE YELLOW



PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 374	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\024501-PM.DWG
LAYOUT NAME - 43
PLOT DATE : 7/16/2026 7:44 AM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1 IN:40 FT

LEGEND

1	MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE	7	MARKING WORD EPOXY	14	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
2	MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW	8	MARKING STOP LINE EPOXY 18-INCH	15	MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH, WHITE
3	MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 12.5' DASH, GROOVED BLACK EPOXY 6-INCH, 12.5' DASH, 25' SKIP	9	MARKING DIAGONAL EPOXY 12-INCH, YELLOW	17	MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 3' DASH, 9' SKIP
4	MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE	10	MARKING DIAGONAL EPOXY 12-INCH, WHITE	18	MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 2' DASH, GROOVED BLACK EPOXY 10-INCH, 6' DASH, 6' SKIP
5	MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 3' DASH, 9' SKIP	11	MARKING LINE GROOVED WET REF EPOXY 6-INCH, DOUBLE YELLOW	19	MARKING LINE EPOXY 4-INCH, WHITE, 12.5' DASH, 37.5' SKIP
6	MARKING ARROW EPOXY	12	MARKING CURB EPOXY, YELLOW	20	MARKING LINE EPOXY 8-INCH, WHITE
		13	MARKING ISLAND NOSE EPOXY, YELLOW	21	MARKING LINE EPOXY 4-INCH, DOUBLE YELLOW

N

MATCH LINE 366+75

STH 38

ASPH

+59.6
14' LT

+00.3
14' LT

367+00

368+00

369+00

370+00

371+00

372+00

+06.8
14' RT

+49
38' RT

MATCH LINE 372+50

OAK ST

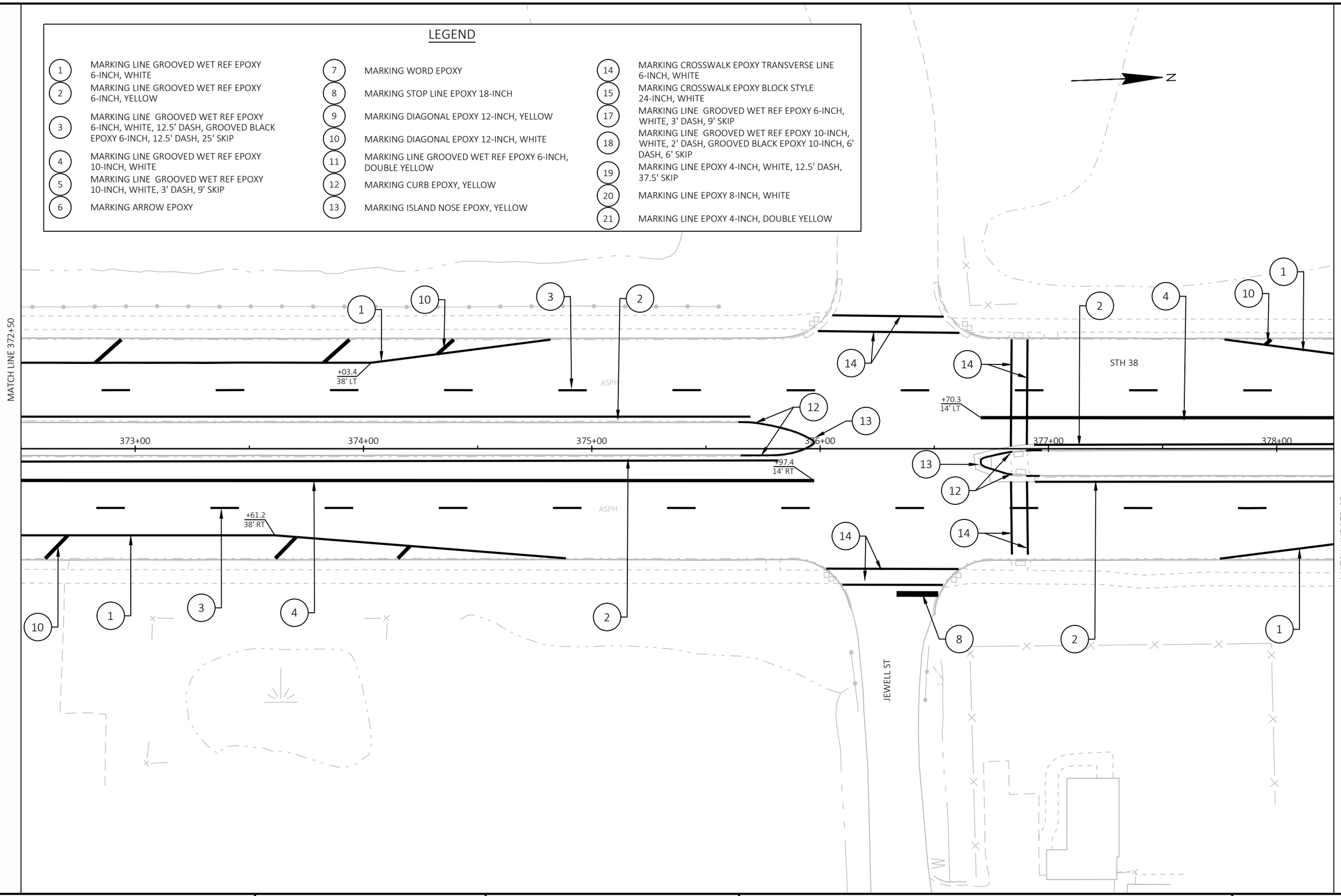
2

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 375	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\024501-PM.DWG
LAYOUT NAME - 44
PLOT DATE : 7/16/2026 7:44 AM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

LEGEND

1	MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE	7	MARKING WORD EPOXY	14	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
2	MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW	8	MARKING STOP LINE EPOXY 18-INCH	15	MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH, WHITE
3	MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 12.5' DASH, GROOVED BLACK EPOXY 6-INCH, 12.5' DASH, 25' SKIP	9	MARKING DIAGONAL EPOXY 12-INCH, YELLOW	17	MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 3' DASH, 9' SKIP
4	MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE	10	MARKING DIAGONAL EPOXY 12-INCH, WHITE	18	MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 2' DASH, GROOVED BLACK EPOXY 10-INCH, 6' DASH, 6' SKIP
5	MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 3' DASH, 9' SKIP	11	MARKING LINE GROOVED WET REF EPOXY 6-INCH, DOUBLE YELLOW	19	MARKING LINE EPOXY 4-INCH, WHITE, 12.5' DASH, 37.5' SKIP
6	MARKING ARROW EPOXY	12	MARKING CURB EPOXY, YELLOW	20	MARKING LINE EPOXY 8-INCH, WHITE
		13	MARKING ISLAND NOSE EPOXY, YELLOW	21	MARKING LINE EPOXY 4-INCH, DOUBLE YELLOW

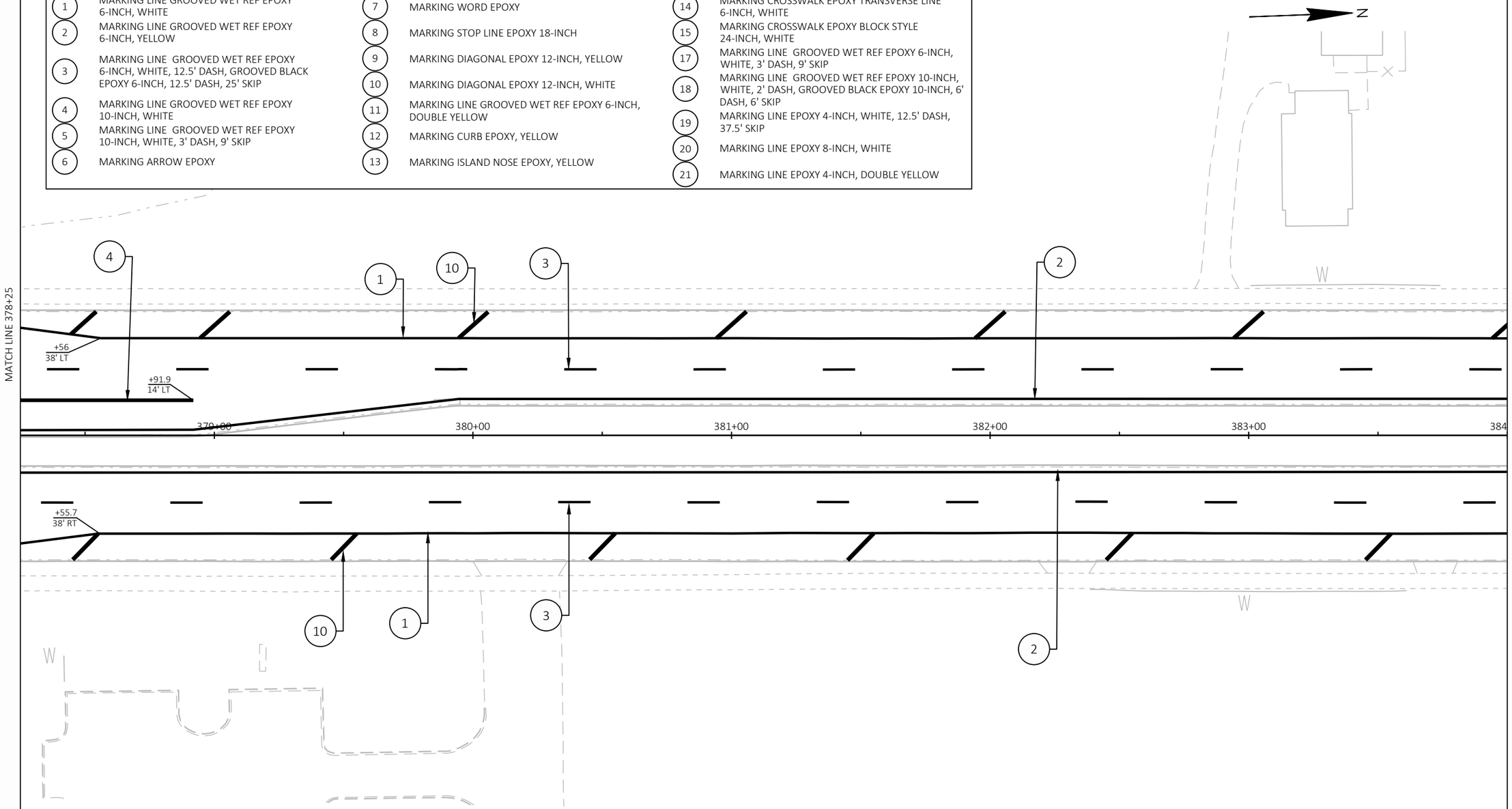


PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 376	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\024501-PM.DWG
LAYOUT NAME - 45
PLOT DATE : 7/16/2026 7:44 AM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

LEGEND

1. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE
2. MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW
3. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 12.5' DASH, GROOVED BLACK EPOXY 6-INCH, 12.5' DASH, 25' SKIP
4. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE
5. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 3' DASH, 9' SKIP
6. MARKING ARROW EPOXY
7. MARKING WORD EPOXY
8. MARKING STOP LINE EPOXY 18-INCH
9. MARKING DIAGONAL EPOXY 12-INCH, YELLOW
10. MARKING DIAGONAL EPOXY 12-INCH, WHITE
11. MARKING LINE GROOVED WET REF EPOXY 6-INCH, DOUBLE YELLOW
12. MARKING CURB EPOXY, YELLOW
13. MARKING ISLAND NOSE EPOXY, YELLOW
14. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
15. MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH, WHITE
17. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 3' DASH, 9' SKIP
18. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 2' DASH, GROOVED BLACK EPOXY 10-INCH, 6' DASH, 6' SKIP
19. MARKING LINE EPOXY 4-INCH, WHITE, 12.5' DASH, 37.5' SKIP
20. MARKING LINE EPOXY 8-INCH, WHITE
21. MARKING LINE EPOXY 4-INCH, DOUBLE YELLOW

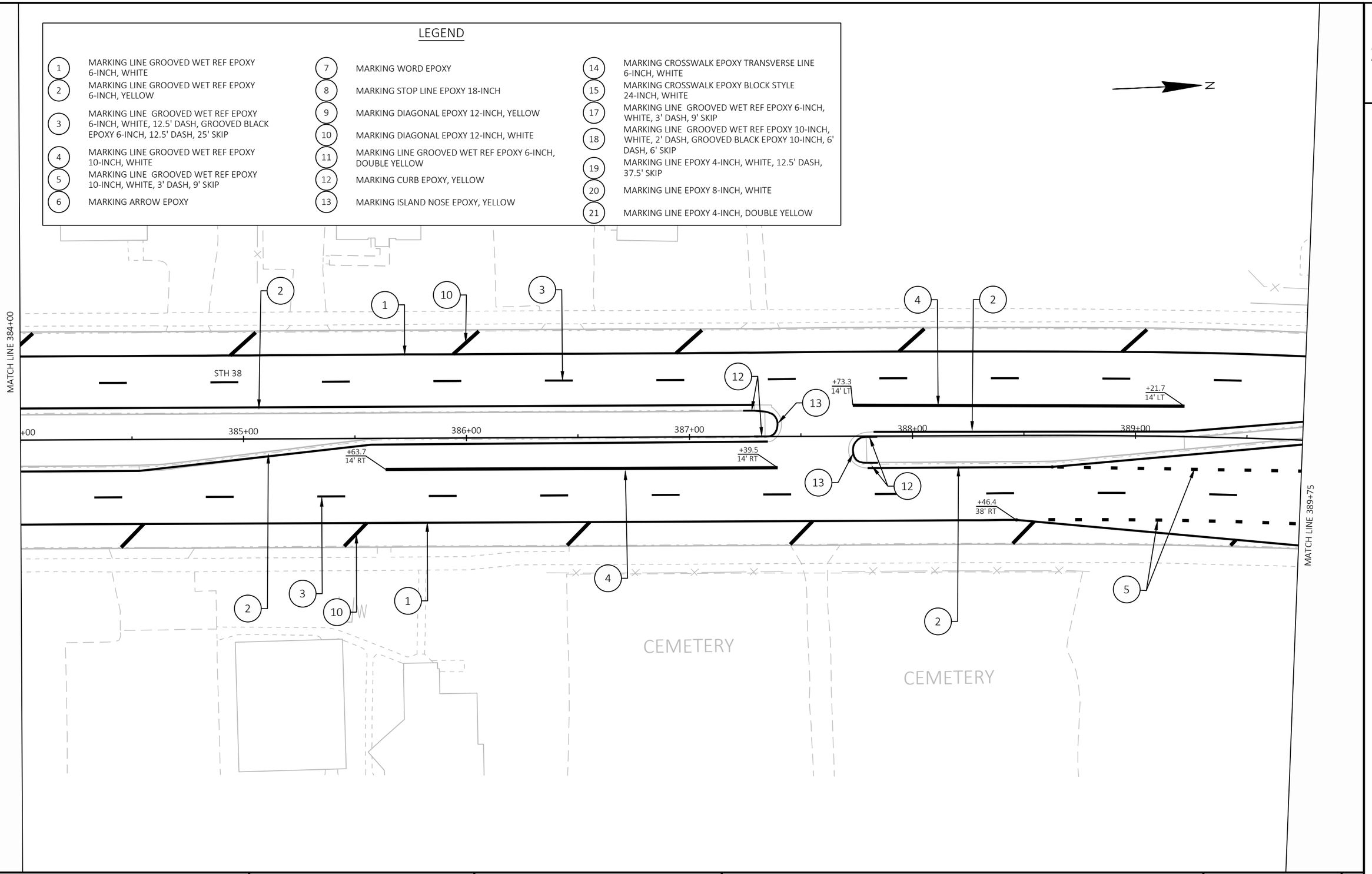


PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 377	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\024501-PM.DWG
LAYOUT NAME - 46
PLOT DATE : 7/16/2026 7:44 AM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

LEGEND

1	MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE	7	MARKING WORD EPOXY	14	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
2	MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW	8	MARKING STOP LINE EPOXY 18-INCH	15	MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH, WHITE
3	MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 12.5' DASH, GROOVED BLACK EPOXY 6-INCH, 12.5' DASH, 25' SKIP	9	MARKING DIAGONAL EPOXY 12-INCH, YELLOW	17	MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 3' DASH, 9' SKIP
4	MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE	10	MARKING DIAGONAL EPOXY 12-INCH, WHITE	18	MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 2' DASH, GROOVED BLACK EPOXY 10-INCH, 6' DASH, 6' SKIP
5	MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 3' DASH, 9' SKIP	11	MARKING LINE GROOVED WET REF EPOXY 6-INCH, DOUBLE YELLOW	19	MARKING LINE EPOXY 4-INCH, WHITE, 12.5' DASH, 37.5' SKIP
6	MARKING ARROW EPOXY	12	MARKING CURB EPOXY, YELLOW	20	MARKING LINE EPOXY 8-INCH, WHITE
		13	MARKING ISLAND NOSE EPOXY, YELLOW	21	MARKING LINE EPOXY 4-INCH, DOUBLE YELLOW



PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 378	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\024501-PM.DWG
LAYOUT NAME - 47

PLOT DATE : 7/16/2026 7:44 AM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

MATCH LINE 389+75

MATCHLINE

COLLEGE AVE

ONLY

MATCHLINE

COLLEGE AVE

ONLY

MATCHLINE

COLLEGE AVE

ONLY

MATCHLINE

N

390+00

391+00

392+00

393+00

394+00

395+00

+08.9
37' LT

+87.9
14' RT

+18.8
9' RT

+03.2
38' RT

ASPH

MATCH LINE 395+50

LEGEND

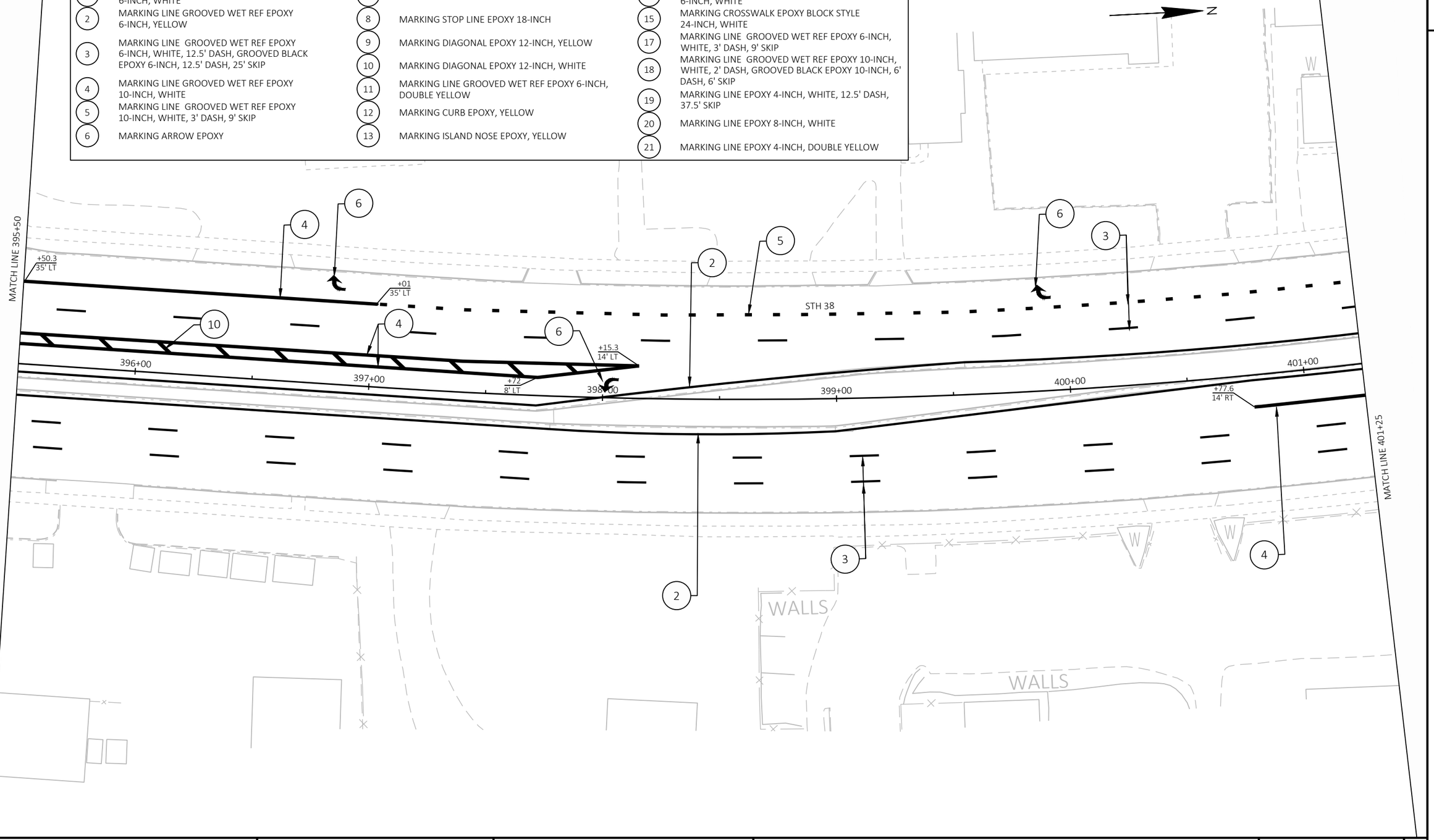
1	MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE	7	MARKING WORD EPOXY	14	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
2	MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW	8	MARKING STOP LINE EPOXY 18-INCH	15	MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH, WHITE
3	MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 12.5' DASH, GROOVED BLACK EPOXY 6-INCH, 12.5' DASH, 25' SKIP	9	MARKING DIAGONAL EPOXY 12-INCH, YELLOW	17	MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 3' DASH, 9' SKIP
4	MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE	10	MARKING DIAGONAL EPOXY 12-INCH, WHITE	18	MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 2' DASH, GROOVED BLACK EPOXY 10-INCH, 6' DASH, 6' SKIP
5	MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 3' DASH, 9' SKIP	11	MARKING LINE GROOVED WET REF EPOXY 6-INCH, DOUBLE YELLOW	19	MARKING LINE EPOXY 4-INCH, WHITE, 12.5' DASH, 37.5' SKIP
6	MARKING ARROW EPOXY	12	MARKING CURB EPOXY, YELLOW	20	MARKING LINE EPOXY 8-INCH, WHITE
		13	MARKING ISLAND NOSE EPOXY, YELLOW	21	MARKING LINE EPOXY 4-INCH, DOUBLE YELLOW

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 379	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\024501-PM.DWG
LAYOUT NAME - 48
PLOT DATE : 7/16/2026 7:44 AM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

LEGEND

1. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE
2. MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW
3. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 12.5' DASH, GROOVED BLACK EPOXY 6-INCH, 12.5' DASH, 25' SKIP
4. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE
5. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 3' DASH, 9' SKIP
6. MARKING ARROW EPOXY
7. MARKING WORD EPOXY
8. MARKING STOP LINE EPOXY 18-INCH
9. MARKING DIAGONAL EPOXY 12-INCH, YELLOW
10. MARKING DIAGONAL EPOXY 12-INCH, WHITE
11. MARKING LINE GROOVED WET REF EPOXY 6-INCH, DOUBLE YELLOW
12. MARKING CURB EPOXY, YELLOW
13. MARKING ISLAND NOSE EPOXY, YELLOW
14. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
15. MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH, WHITE
17. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 3' DASH, 9' SKIP
18. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 2' DASH, GROOVED BLACK EPOXY 10-INCH, 6' DASH, 6' SKIP
19. MARKING LINE EPOXY 4-INCH, WHITE, 12.5' DASH, 37.5' SKIP
20. MARKING LINE EPOXY 8-INCH, WHITE
21. MARKING LINE EPOXY 4-INCH, DOUBLE YELLOW



PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 380	E

2

2

LEGEND

1	MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE
2	MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW
3	MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 12.5' DASH, GROOVED BLACK EPOXY 6-INCH, 12.5' DASH, 25' SKIP
4	MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE
5	MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 3' DASH, 9' SKIP
6	MARKING ARROW EPOXY
7	MARKING WORD EPOXY
8	MARKING STOP LINE EPOXY 18-INCH
9	MARKING DIAGONAL EPOXY 12-INCH, YELLOW
10	MARKING DIAGONAL EPOXY 12-INCH, WHITE
11	MARKING LINE GROOVED WET REF EPOXY 6-INCH, DOUBLE YELLOW
12	MARKING CURB EPOXY, YELLOW
13	MARKING ISLAND NOSE EPOXY, YELLOW
14	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
15	MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH, WHITE
17	MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 3' DASH, 9' SKIP
18	MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 2' DASH, GROOVED BLACK EPOXY 10-INCH, 6' DASH, 6' SKIP
19	MARKING LINE EPOXY 4-INCH, WHITE, 12.5' DASH, 37.5' SKIP
20	MARKING LINE EPOXY 8-INCH, WHITE
21	MARKING LINE EPOXY 4-INCH, DOUBLE YELLOW

N

UNCAS AVE

MATCH LINE 401+25

STH 38

+52.4
35' LT

+13.6
14' LT

+99.7
14' LT

+53.6
14' RT

402+00

403+00

404+00

405+00

406+00

407

ASPH

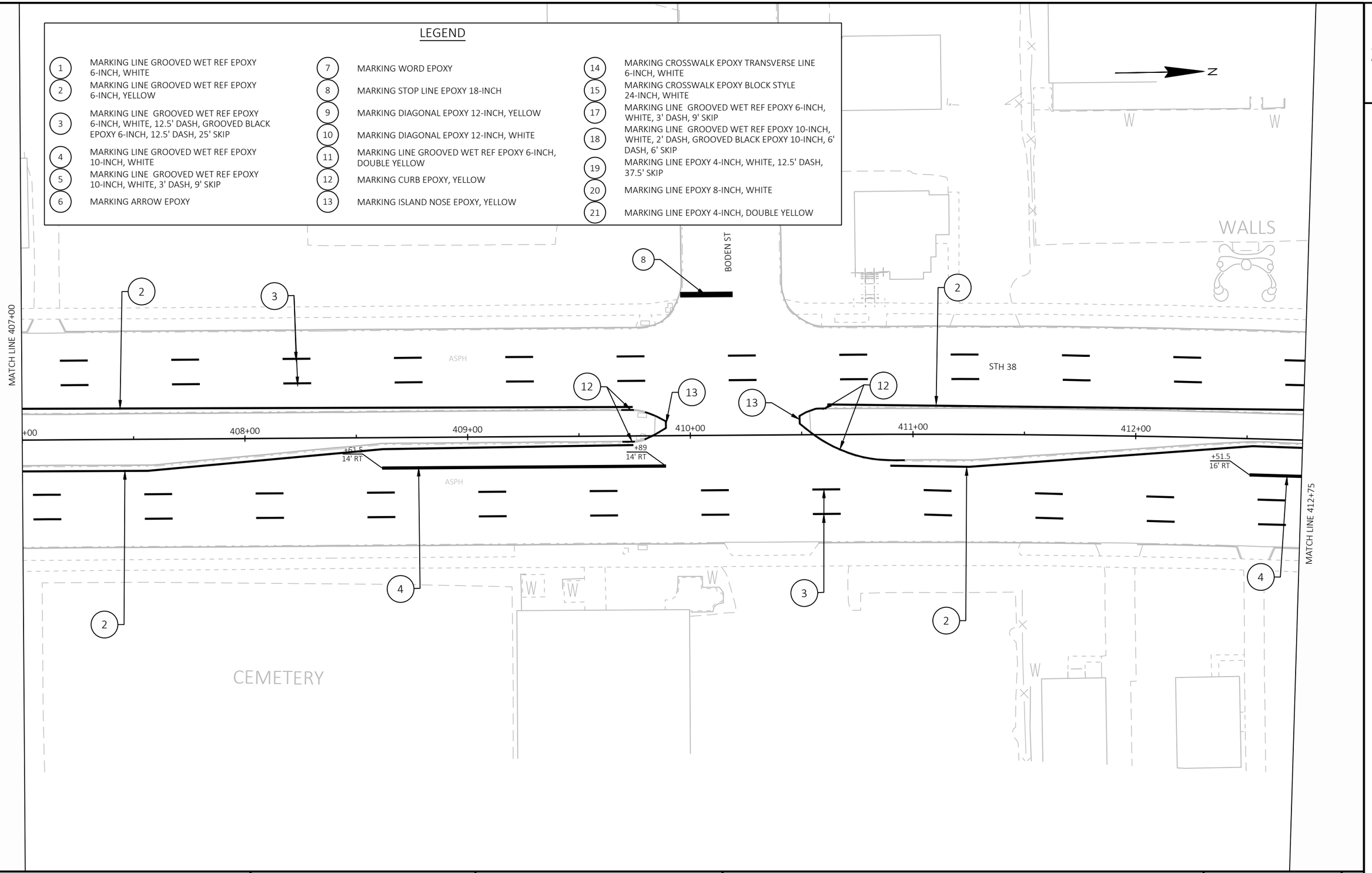
MATCH LINE 407+00

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 381 E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\024501-PM.DWG
LAYOUT NAME - 50
PLOT DATE : 7/16/2026 7:44 AM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

LEGEND

1. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE
2. MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW
3. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 12.5' DASH, GROOVED BLACK EPOXY 6-INCH, 12.5' DASH, 25' SKIP
4. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE
5. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 3' DASH, 9' SKIP
6. MARKING ARROW EPOXY
7. MARKING WORD EPOXY
8. MARKING STOP LINE EPOXY 18-INCH
9. MARKING DIAGONAL EPOXY 12-INCH, YELLOW
10. MARKING DIAGONAL EPOXY 12-INCH, WHITE
11. MARKING LINE GROOVED WET REF EPOXY 6-INCH, DOUBLE YELLOW
12. MARKING CURB EPOXY, YELLOW
13. MARKING ISLAND NOSE EPOXY, YELLOW
14. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
15. MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH, WHITE
17. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 3' DASH, 9' SKIP
18. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 2' DASH, GROOVED BLACK EPOXY 10-INCH, 6' DASH, 6' SKIP
19. MARKING LINE EPOXY 4-INCH, WHITE, 12.5' DASH, 37.5' SKIP
20. MARKING LINE EPOXY 8-INCH, WHITE
21. MARKING LINE EPOXY 4-INCH, DOUBLE YELLOW



PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 382	E

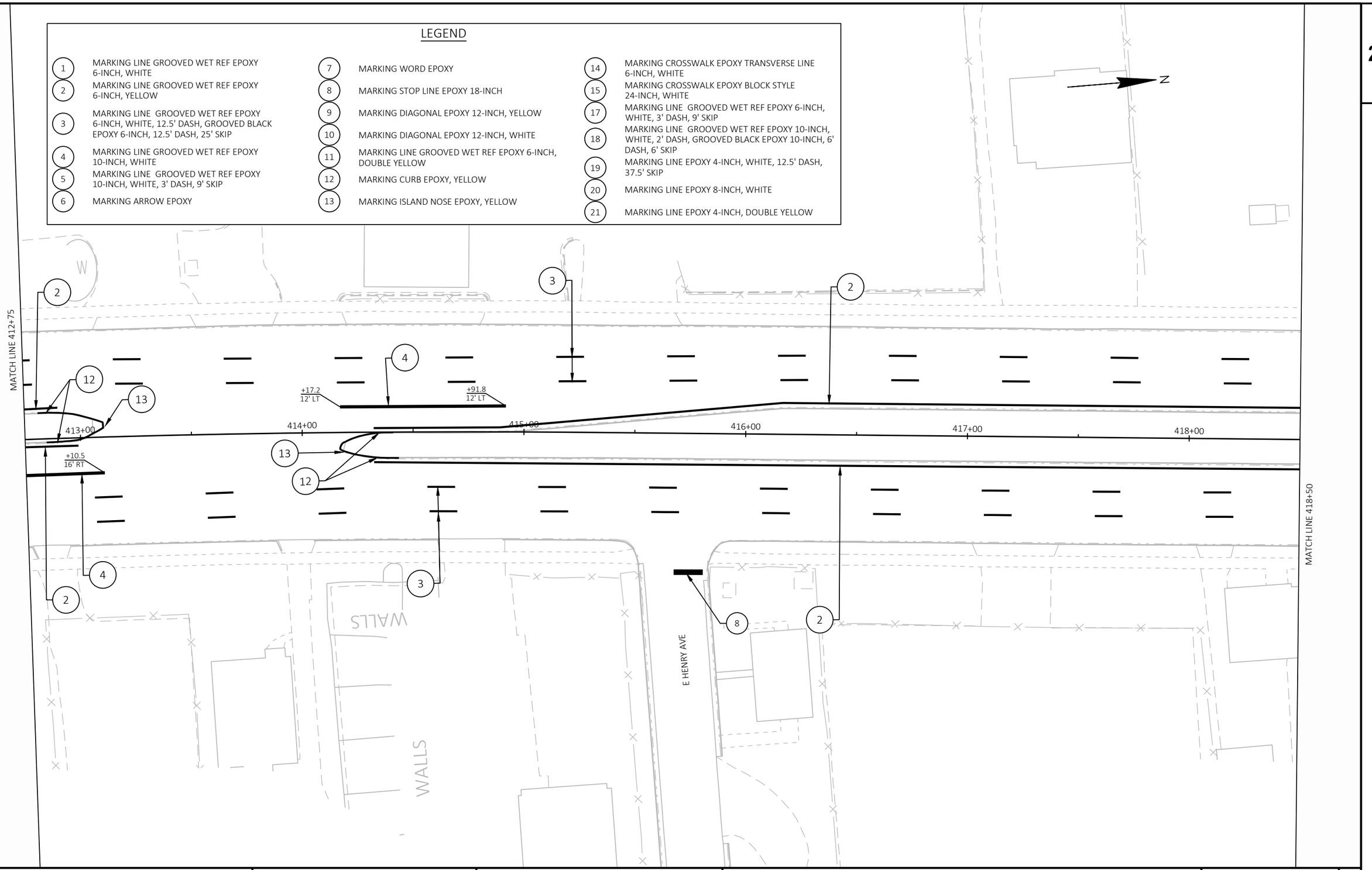
FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\024501-PM.DWG
LAYOUT NAME - 51

PLOT DATE : 7/16/2026 7:44 AM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND

1. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE
2. MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW
3. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 12.5' DASH, GROOVED BLACK EPOXY 6-INCH, 12.5' DASH, 25' SKIP
4. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE
5. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 3' DASH, 9' SKIP
6. MARKING ARROW EPOXY
7. MARKING WORD EPOXY
8. MARKING STOP LINE EPOXY 18-INCH
9. MARKING DIAGONAL EPOXY 12-INCH, YELLOW
10. MARKING DIAGONAL EPOXY 12-INCH, WHITE
11. MARKING LINE GROOVED WET REF EPOXY 6-INCH, DOUBLE YELLOW
12. MARKING CURB EPOXY, YELLOW
13. MARKING ISLAND NOSE EPOXY, YELLOW
14. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
15. MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH, WHITE
17. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 3' DASH, 9' SKIP
18. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 2' DASH, GROOVED BLACK EPOXY 10-INCH, 6' DASH, 6' SKIP
19. MARKING LINE EPOXY 4-INCH, WHITE, 12.5' DASH, 37.5' SKIP
20. MARKING LINE EPOXY 8-INCH, WHITE
21. MARKING LINE EPOXY 4-INCH, DOUBLE YELLOW

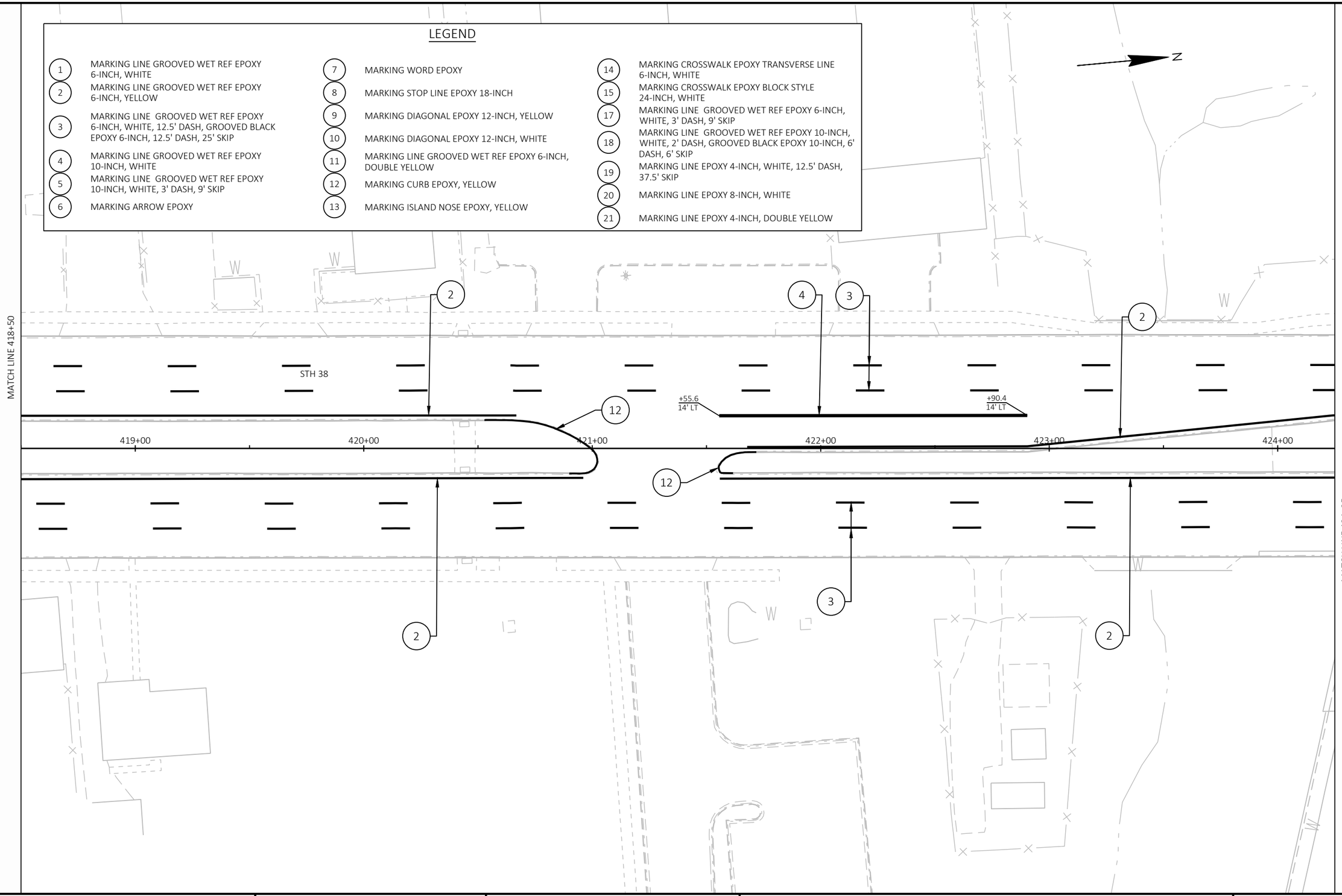


PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 383	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\024501-PM.DWG
LAYOUT NAME - 52
PLOT DATE : 7/16/2026 7:45 AM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

LEGEND

1. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE
2. MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW
3. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 12.5' DASH, GROOVED BLACK EPOXY 6-INCH, 12.5' DASH, 25' SKIP
4. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE
5. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 3' DASH, 9' SKIP
6. MARKING ARROW EPOXY
7. MARKING WORD EPOXY
8. MARKING STOP LINE EPOXY 18-INCH
9. MARKING DIAGONAL EPOXY 12-INCH, YELLOW
10. MARKING DIAGONAL EPOXY 12-INCH, WHITE
11. MARKING LINE GROOVED WET REF EPOXY 6-INCH, DOUBLE YELLOW
12. MARKING CURB EPOXY, YELLOW
13. MARKING ISLAND NOSE EPOXY, YELLOW
14. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
15. MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH, WHITE
17. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 3' DASH, 9' SKIP
18. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 2' DASH, GROOVED BLACK EPOXY 10-INCH, 6' DASH, 6' SKIP
19. MARKING LINE EPOXY 4-INCH, WHITE, 12.5' DASH, 37.5' SKIP
20. MARKING LINE EPOXY 8-INCH, WHITE
21. MARKING LINE EPOXY 4-INCH, DOUBLE YELLOW



PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 384	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\024501-PM.DWG
LAYOUT NAME - 53
PLOT DATE : 7/16/2026 7:45 AM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1 IN:40 FT

LEGEND

1. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE
2. MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW
3. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 12.5' DASH, GROOVED BLACK EPOXY 6-INCH, 12.5' DASH, 25' SKIP
4. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE
5. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 3' DASH, 9' SKIP
6. MARKING ARROW EPOXY
7. MARKING WORD EPOXY
8. MARKING STOP LINE EPOXY 18-INCH
9. MARKING DIAGONAL EPOXY 12-INCH, YELLOW
10. MARKING DIAGONAL EPOXY 12-INCH, WHITE
11. MARKING LINE GROOVED WET REF EPOXY 6-INCH, DOUBLE YELLOW
12. MARKING CURB EPOXY, YELLOW
13. MARKING ISLAND NOSE EPOXY, YELLOW
14. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
15. MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH, WHITE
17. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 3' DASH, 9' SKIP
18. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 2' DASH, GROOVED BLACK EPOXY 10-INCH, 6' DASH, 6' SKIP
19. MARKING LINE EPOXY 4-INCH, WHITE, 12.5' DASH, 37.5' SKIP
20. MARKING LINE EPOXY 8-INCH, WHITE
21. MARKING LINE EPOXY 4-INCH, DOUBLE YELLOW

N

MATCH LINE 424+25

STH 38

+01.8
15' LT

+18.2
15' LT

425+00

426+00

427+00

428+00

429+00

SOLAR PANEL

U/C

MATCH LINE 430+00

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 385	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\024501-PM.DWG
LAYOUT NAME - 54

PLOT DATE : 7/16/2026 7:45 AM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND

1. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE
2. MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW
3. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 12.5' DASH, GROOVED BLACK EPOXY 6-INCH, 12.5' DASH, 25' SKIP
4. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE
5. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 3' DASH, 9' SKIP
6. MARKING ARROW EPOXY
7. MARKING WORD EPOXY
8. MARKING STOP LINE EPOXY 18-INCH
9. MARKING DIAGONAL EPOXY 12-INCH, YELLOW
10. MARKING DIAGONAL EPOXY 12-INCH, WHITE
11. MARKING LINE GROOVED WET REF EPOXY 6-INCH, DOUBLE YELLOW
12. MARKING CURB EPOXY, YELLOW
13. MARKING ISLAND NOSE EPOXY, YELLOW
14. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
15. MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH, WHITE
17. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 3' DASH, 9' SKIP
18. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 2' DASH, GROOVED BLACK EPOXY 10-INCH, 6' DASH, 6' SKIP
19. MARKING LINE EPOXY 4-INCH, WHITE, 12.5' DASH, 37.5' SKIP
20. MARKING LINE EPOXY 8-INCH, WHITE
21. MARKING LINE EPOXY 4-INCH, DOUBLE YELLOW

N

AIRPORT RUNWAY

MATCH LINE 430+00

ASPH

STH 38

RIPRAP

+00 431+00 432+00 433+00 434+00 435+00

MATCH LINE 435+75

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 386	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\024501-PM.DWG
LAYOUT NAME - 55
PLOT DATE : 7/16/2026 7:45 AM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

2

LEGEND

1. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE
2. MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW
3. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 12.5' DASH, GROOVED BLACK EPOXY 6-INCH, 12.5' DASH, 25' SKIP
4. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE
5. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 3' DASH, 9' SKIP
6. MARKING ARROW EPOXY
7. MARKING WORD EPOXY
8. MARKING STOP LINE EPOXY 18-INCH
9. MARKING DIAGONAL EPOXY 12-INCH, YELLOW
10. MARKING DIAGONAL EPOXY 12-INCH, WHITE
11. MARKING LINE GROOVED WET REF EPOXY 6-INCH, DOUBLE YELLOW
12. MARKING CURB EPOXY, YELLOW
13. MARKING ISLAND NOSE EPOXY, YELLOW
14. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
15. MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH, WHITE
17. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 3' DASH, 9' SKIP
18. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 2' DASH, GROOVED BLACK EPOXY 10-INCH, 6' DASH, 6' SKIP
19. MARKING LINE EPOXY 4-INCH, WHITE, 12.5' DASH, 37.5' SKIP
20. MARKING LINE EPOXY 8-INCH, WHITE
21. MARKING LINE EPOXY 4-INCH, DOUBLE YELLOW

N

MATCH LINE 435+75

CONC

RIPRAP

CONC

AIRPORT RUNWAY

3

2

3

2

W

STH 38

ASPH

W

436+00

437+00

438+00

439+00

440+00

441+00

MATCH LINE 441+50

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 387	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\024501-PM.DWG
LAYOUT NAME - 56
PLOT DATE : 7/16/2026 7:45 AM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

2

LEGEND

1. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE
2. MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW
3. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 12.5' DASH, GROOVED BLACK EPOXY 6-INCH, 12.5' DASH, 25' SKIP
4. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE
5. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 3' DASH, 9' SKIP
6. MARKING ARROW EPOXY
7. MARKING WORD EPOXY
8. MARKING STOP LINE EPOXY 18-INCH
9. MARKING DIAGONAL EPOXY 12-INCH, YELLOW
10. MARKING DIAGONAL EPOXY 12-INCH, WHITE
11. MARKING LINE GROOVED WET REF EPOXY 6-INCH, DOUBLE YELLOW
12. MARKING CURB EPOXY, YELLOW
13. MARKING ISLAND NOSE EPOXY, YELLOW
14. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
15. MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH, WHITE
17. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 3' DASH, 9' SKIP
18. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 2' DASH, GROOVED BLACK EPOXY 10-INCH, 6' DASH, 6' SKIP
19. MARKING LINE EPOXY 4-INCH, WHITE, 12.5' DASH, 37.5' SKIP
20. MARKING LINE EPOXY 8-INCH, WHITE
21. MARKING LINE EPOXY 4-INCH, DOUBLE YELLOW

N

MATCH LINE 441+50

STH 38

442+00 443+00 444+00 445+00 446+00 447+00

3 2 12 3 2

MATCH LINE 447+25

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 388	E

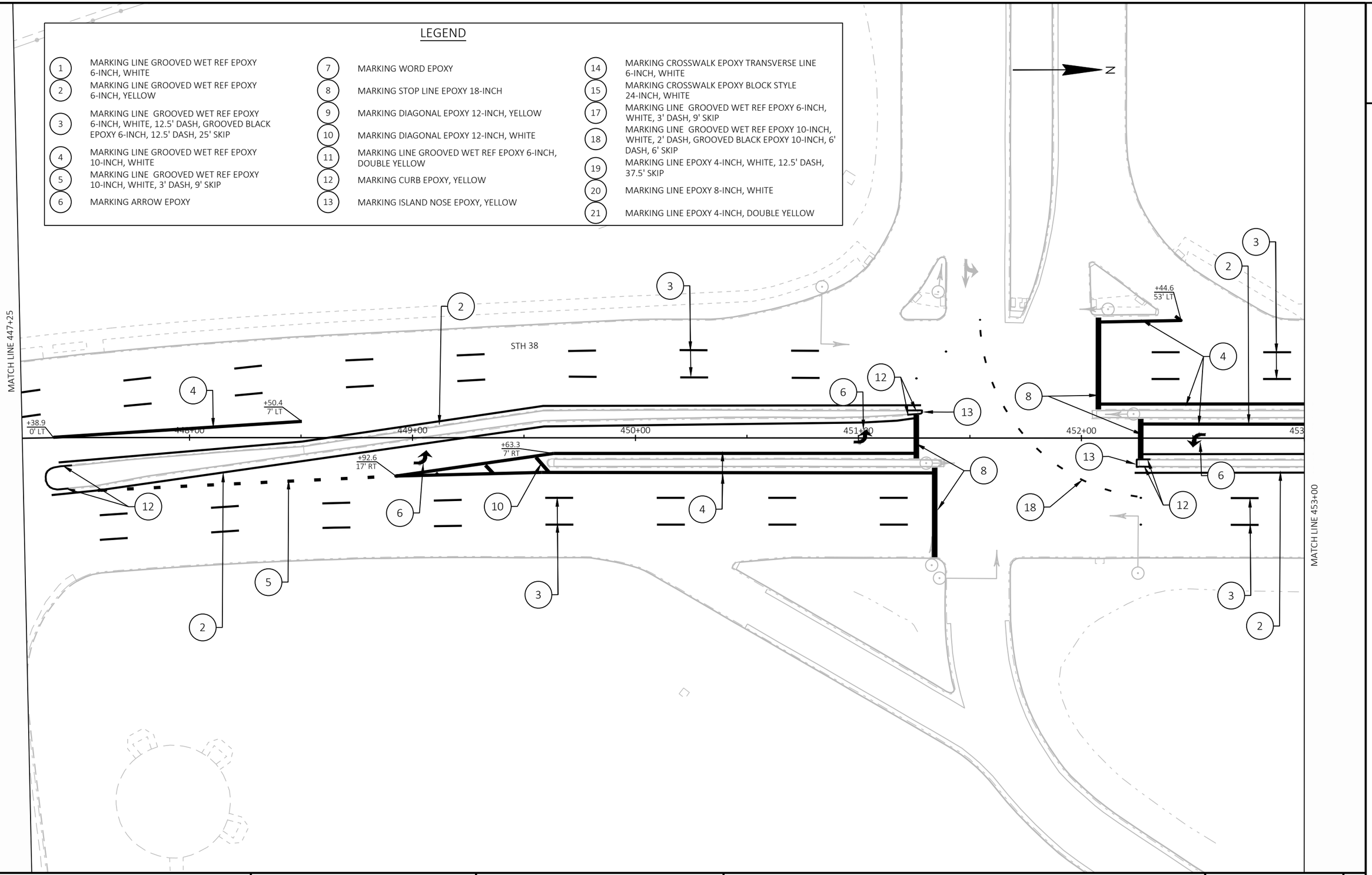
FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\024501-PM.DWG
LAYOUT NAME - 57

PLOT DATE : 7/16/2026 7:45 AM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

LEGEND

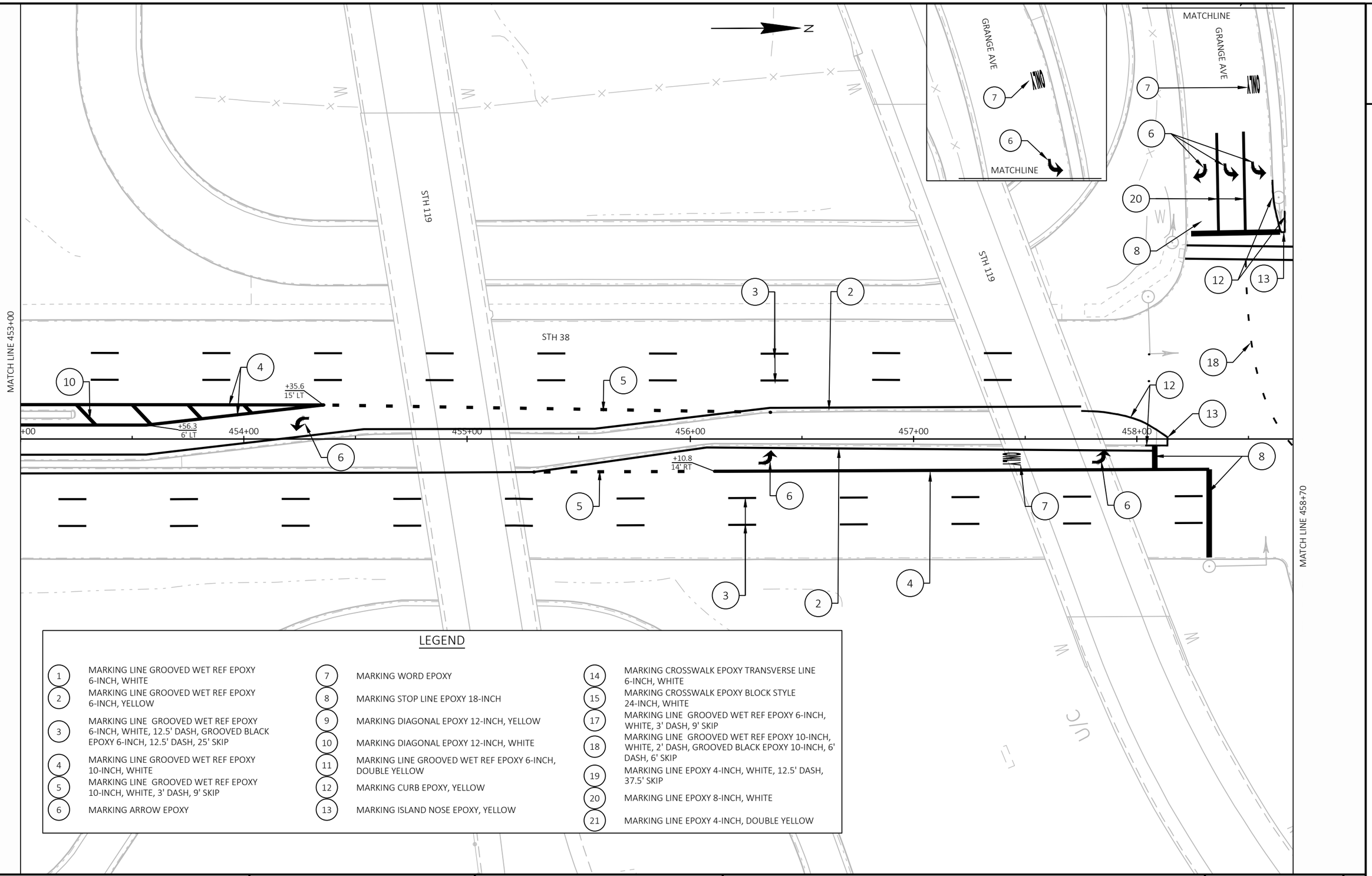
1. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE
2. MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW
3. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 12.5' DASH, GROOVED BLACK EPOXY 6-INCH, 12.5' DASH, 25' SKIP
4. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE
5. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 3' DASH, 9' SKIP
6. MARKING ARROW EPOXY
7. MARKING WORD EPOXY
8. MARKING STOP LINE EPOXY 18-INCH
9. MARKING DIAGONAL EPOXY 12-INCH, YELLOW
10. MARKING DIAGONAL EPOXY 12-INCH, WHITE
11. MARKING LINE GROOVED WET REF EPOXY 6-INCH, DOUBLE YELLOW
12. MARKING CURB EPOXY, YELLOW
13. MARKING ISLAND NOSE EPOXY, YELLOW
14. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
15. MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH, WHITE
17. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 3' DASH, 9' SKIP
18. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 2' DASH, GROOVED BLACK EPOXY 10-INCH, 6' DASH, 6' SKIP
19. MARKING LINE EPOXY 4-INCH, WHITE, 12.5' DASH, 37.5' SKIP
20. MARKING LINE EPOXY 8-INCH, WHITE
21. MARKING LINE EPOXY 4-INCH, DOUBLE YELLOW



PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 389	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\024501-PM.DWG
LAYOUT NAME - 58
PLOT DATE : 7/16/2026 7:45 AM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1 IN:40 FT

2



LEGEND

1	MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE	7	MARKING WORD EPOXY	14	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
2	MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW	8	MARKING STOP LINE EPOXY 18-INCH	15	MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH, WHITE
3	MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 12.5' DASH, GROOVED BLACK EPOXY 6-INCH, 12.5' DASH, 25' SKIP	9	MARKING DIAGONAL EPOXY 12-INCH, YELLOW	17	MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 3' DASH, 9' SKIP
4	MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE	10	MARKING DIAGONAL EPOXY 12-INCH, WHITE	18	MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 2' DASH, GROOVED BLACK EPOXY 10-INCH, 6' DASH, 6' SKIP
5	MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 3' DASH, 9' SKIP	11	MARKING LINE GROOVED WET REF EPOXY 6-INCH, DOUBLE YELLOW	19	MARKING LINE EPOXY 4-INCH, WHITE, 12.5' DASH, 37.5' SKIP
6	MARKING ARROW EPOXY	12	MARKING CURB EPOXY, YELLOW	20	MARKING LINE EPOXY 8-INCH, WHITE
		13	MARKING ISLAND NOSE EPOXY, YELLOW	21	MARKING LINE EPOXY 4-INCH, DOUBLE YELLOW

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 390	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\024501-PM.DWG
LAYOUT NAME - 59
PLOT DATE : 7/16/2026 7:45 AM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

N

GRANGE AVE

MATCH LINE 458+70

STH 38

+37.7
52' LT

+37.6
47' LT

+16.5
53' LT

+30.5
48' LT

+00
47' LT

+14.8
48' RT

+00
48' RT

459+00 460+00 461+00 462+00 463+00 464+00

END PROJECT
STA 462+71

LEGEND

1	MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE	7	MARKING WORD EPOXY	14	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
2	MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW	8	MARKING STOP LINE EPOXY 18-INCH	15	MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH, WHITE
3	MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 12.5' DASH, GROOVED BLACK EPOXY 6-INCH, 12.5' DASH, 25' SKIP	9	MARKING DIAGONAL EPOXY 12-INCH, YELLOW	17	MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE, 3' DASH, 9' SKIP
4	MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE	10	MARKING DIAGONAL EPOXY 12-INCH, WHITE	18	MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 2' DASH, GROOVED BLACK EPOXY 10-INCH, 6' DASH, 6' SKIP
5	MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE, 3' DASH, 9' SKIP	11	MARKING LINE GROOVED WET REF EPOXY 6-INCH, DOUBLE YELLOW	19	MARKING LINE EPOXY 4-INCH, WHITE, 12.5' DASH, 37.5' SKIP
6	MARKING ARROW EPOXY	12	MARKING CURB EPOXY, YELLOW	20	MARKING LINE EPOXY 8-INCH, WHITE
		13	MARKING ISLAND NOSE EPOXY, YELLOW	21	MARKING LINE EPOXY 4-INCH, DOUBLE YELLOW

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 391	E

2

TRAFFIC CONTROL GENERAL NOTES

1. TRAFFIC CONTROL DRUMS IN TAPERS SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE "C", ONE WAY LIGHTS, UNLESS OTHERWISE SHOWN.

2. SIGN LOCATIONS ARE APPROXIMATE. THE ACTUAL LOCATION AND SPACING MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER TO MEET FIELD CONDITIONS.
3. DRIVEWAYS AND SIDE ROADS ARE TO NOT BE LOCATED IN TAPERS FOR TEMPORARY LANE CLOSURES AND LANE SHIFTS.

4. DETOUR PEDESTRIANS PRIOR TO REMOVING SIDEWALK IN ACCORDANCE WITH THE STANDARD DETAIL DRAWINGS AND CONSTRUCTION DETAILS.

5. SIGNS IN CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE COVERED.

6. "WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS REFLECTIVE ORANGE.

7. ALL TRAFFIC CONTROL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED IN THE PLANS.

8. A FLAGGER MAY BE REQUIRED WHERE THE CONSTRUCTION VEHICLES ENTER OR LEAVE "WORK/CLOSED" AREAS IF WARRANTED BY CONDITIONS AND/OR DIRECTED BY THE ENGINEER.

9. CONTRACTOR SHALL INSTALL PERMANENT PAVEMENT MARKING WHEN APPROPRIATE DURING CONSTRUCTION STAGING AS SHOWN IN THE PLANS OR AS DIRECTED BY THE ENGINEER.

10. ALL EXISTING CONFLICTING PAVEMENT MARKINGS SHALL BE REMOVED.

11. EXISTING PAVEMENT MARKINGS TO BE REMOVED THAT WILL NOT BE REPLACED IN THE SAME LOCATION AFTER CONSTRUCTION WILL BE REMOVED USING WATER BLASTING. DO NOT GRIND EXISTING PAVEMENT MARKINGS THAT WILL NOT BE REPLACED AFTER CONSTRUCTION.

12. BARRICADE STRIPES SHALL POINT DOWNWARD IN THE DIRECTION OF TRAFFIC FLOW.

13. THE CONTRACTOR SHALL ENSURE ADEQUATE DRAINAGE AND AVOID ANY PONDING OR STANDING WATER DURING THE STAGED CONSTRUCTION.

14. TEMPORARY MARKINGS SHALL BE TEMPORARY TAPE WHEN PLACED ON NEW OR EXISTING PAVEMENT SURFACES THAT ARE TO REMAIN IN PLACE FOLLOWING CONSTRUCTION.

TRAFFIC CONTROL NOTES

DETAILS FOR TRAFFIC CONTROL ITEMS AND LAYOUT DIMENSIONS SHALL BE PLACED IN ACCORDANCE WITH THE FOLLOWING SDDs:
- TRAFFIC CONTROL, LANE CLOSURE
- TRAFFIC CONTROL, SINGLE LANE CLOSURE DIVIDED NON-FREEWAY/EXPRESSWAY
- TRAFFIC CONTROL, INTERSECTION WITHIN SINGLE LANE CLOSURE
- TRAFFIC CONTROL TWO-LANE CLOSURE, DIVIDED NON-FREEWAY/EXPRESSWAY
- TRAFFIC CONTROL, INTERSECTION WITHIN TWO-LANE CLOSURE
- TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
- TRAFFIC CONTROL, LANE SHIFT, MULTI-LANE DIVIDED OR ONE-WAY ROAD
- TRAFFIC CONTROL, ADDED LANE CLOSURE WITHOUT LANE SHIFT
- TRAFFIC CONTROL, LANE SHIFT IN FLAGGING OPERATION
- TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY
- TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 MPH OR GREATER TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC
- MOVING PAVEMENT MARKING OPERATION MULTI-LANE DIVIDED ROADWAY
- ADVANCED WIDTH RESTRICTION SIGNING

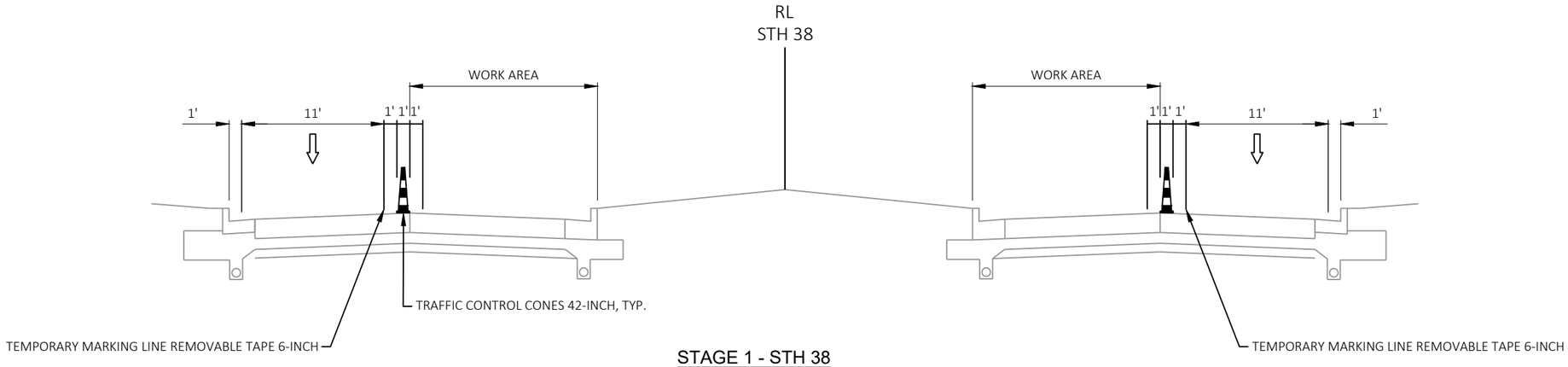
FOR OFF-PEAK OPERATION ALL DRUMS IN TAPERS SHALL HAVE A WARNING LIGHT, TYPE C (STEADY BURN).

ALL SHORT TERM LANE CLOSURE SIGNS SHALL BE REMOVED OR COVERED AND ALL CONNECTED ARROWBOARDS AND DEVICES REMOVED BEYOND THE SHOULDER WHEN THE WORK
IS NOT IN PROGRESS AND THE LANE IS RESTORED TO A SAFE OPERATING CONDITION.

FOR A LANE CLOSURE THAT IS IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS, THE ADVANCED WARNING SIGNS MAY BE MOUNTED ON PORTABLE SUPPORTS.

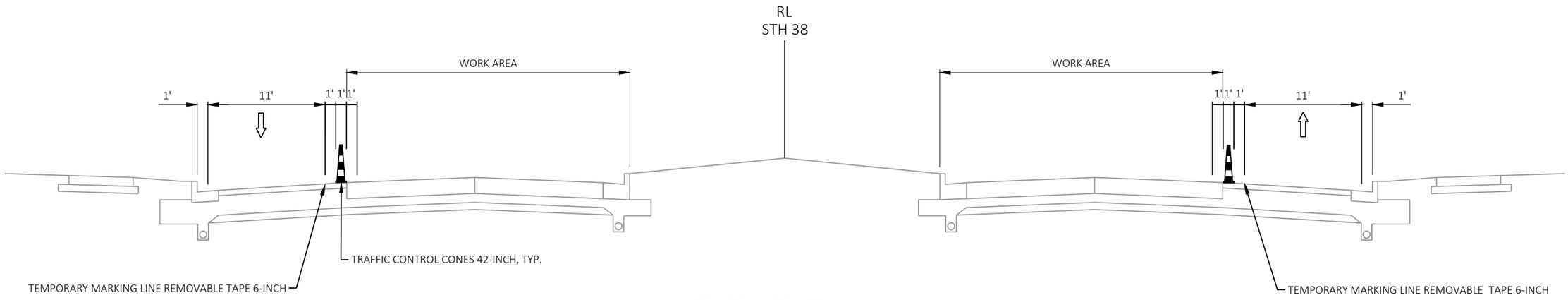
2

2



STAGE 1 - STH 38

STA 122+81 - 127+00



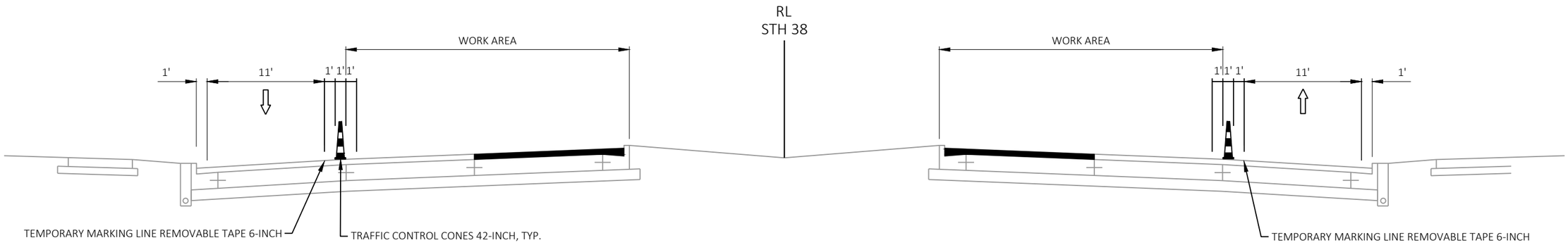
STAGE 1 - STH 38

STA 127+00 - 176+00

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC CONTROL TYPICAL SECTIONS	SHEET 393	E

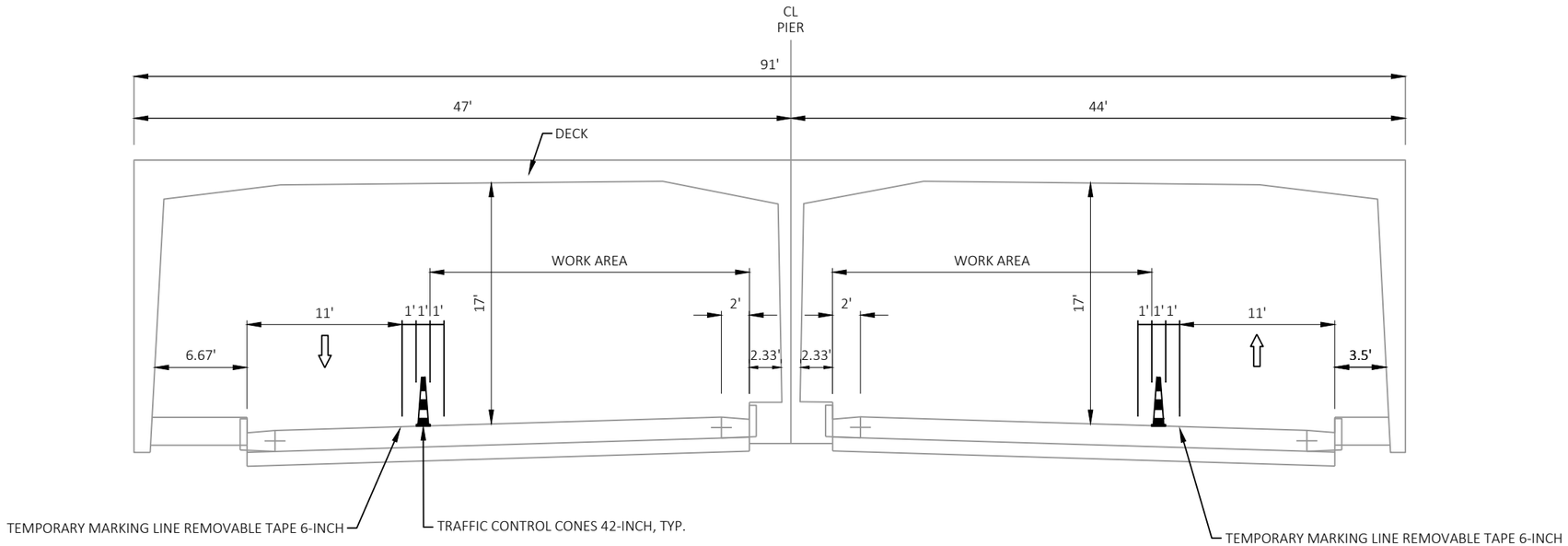
FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\026003-TCTS.DWG
LAYOUT NAME - 01
PLOT DATE : 1/29/2026 3:16 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

2



STAGE 1 - STH 38

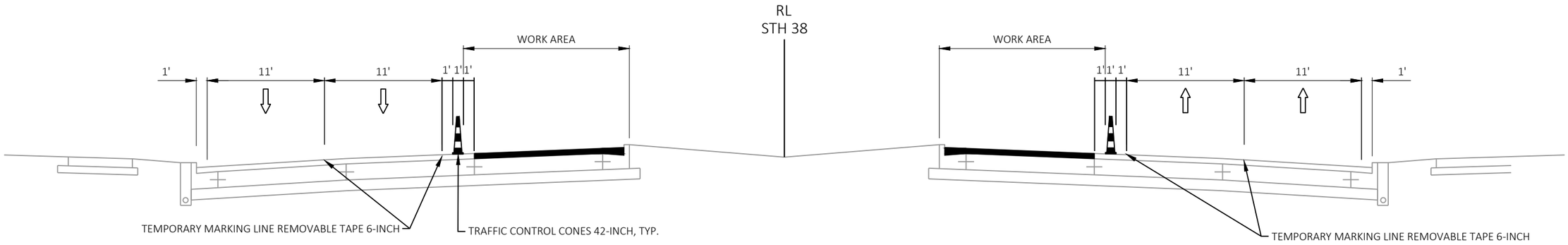
STA 235+00 - 288+00 (OFF PEAK)
STA 176+00 - 431+39
STA 439+00 - 459+51



STAGE 1 - STH 38

STA 431+39 - 439+30

2

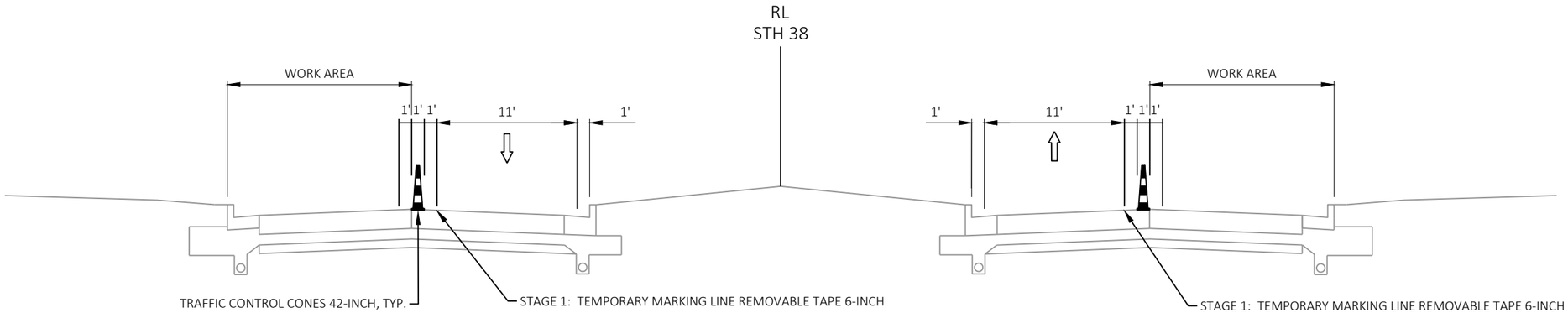


STAGE 1 - STH 38 (PEAK HOURS)

STA 235+00 - 288+00

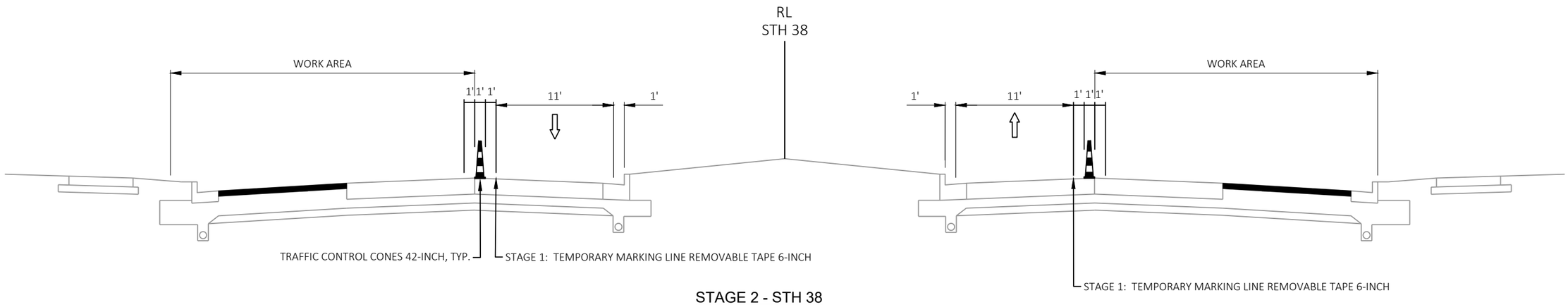
PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC CONTROL TYPICAL SECTIONS	SHEET 395	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\026003-TCTS.DWG
LAYOUT NAME - 03
PLOT DATE : 1/29/2026 3:16 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42



STAGE 2 - STH 38

STA 122+81 - 127+00



STAGE 2 - STH 38

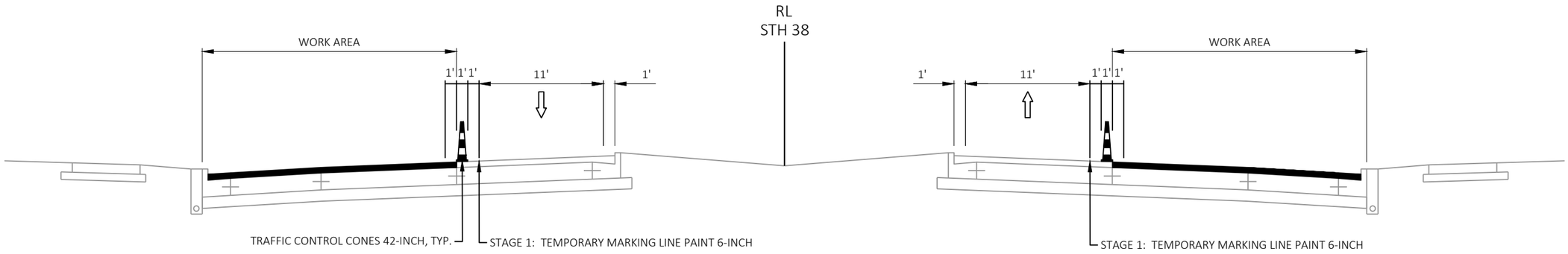
STA 127+00 - 176+00

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC CONTROL TYPICAL SECTIONS	SHEET 396	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\026003-TCTS.DWG
LAYOUT NAME - 04

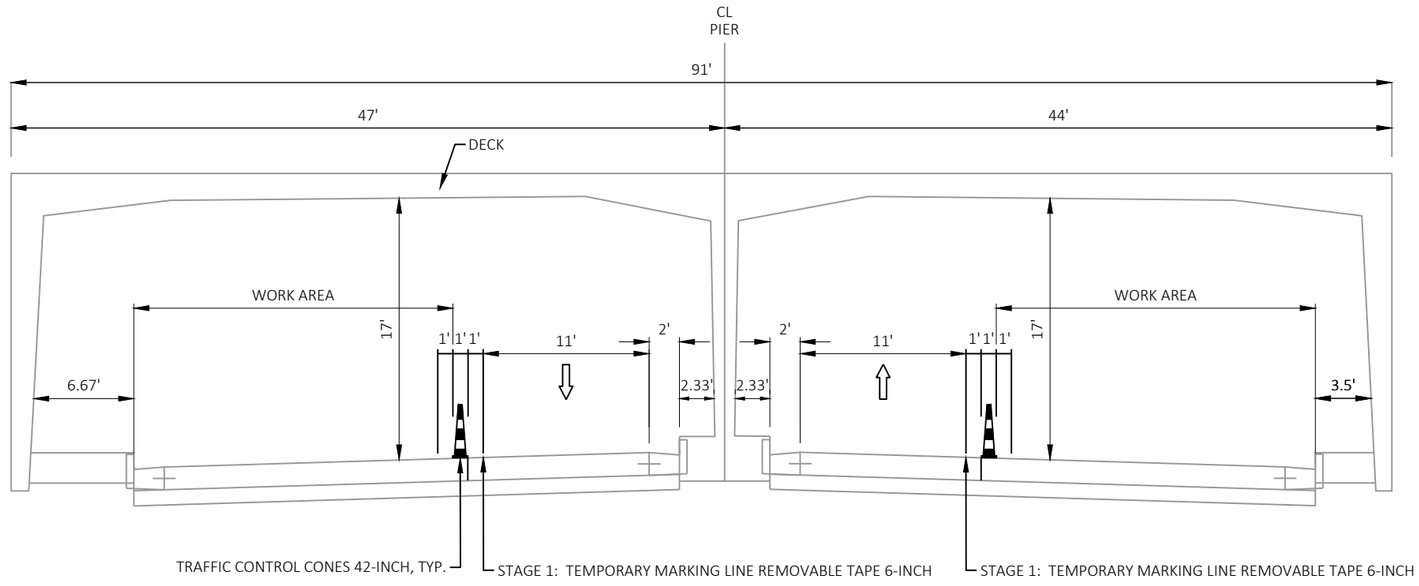
PLOT DATE : 1/29/2026 3:16 PM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1 IN:10 FT

2



STAGE 2 - STH 38

STA 235+00 - 288+00 (OFF PEAK)
STA 176+00 - 431+39
STA 439+00 - 459+51



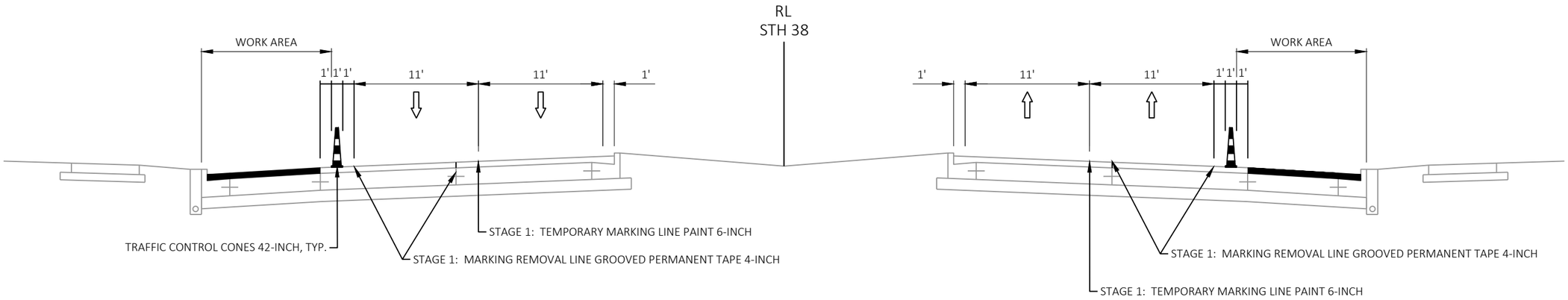
STAGE 2 - STH 38

STA 431+39 - 439+30

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC CONTROL TYPICAL SECTIONS	SHEET 397	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\026003-TCTS.DWG
LAYOUT NAME - 05
PLOT DATE : 1/29/2026 3:16 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

2



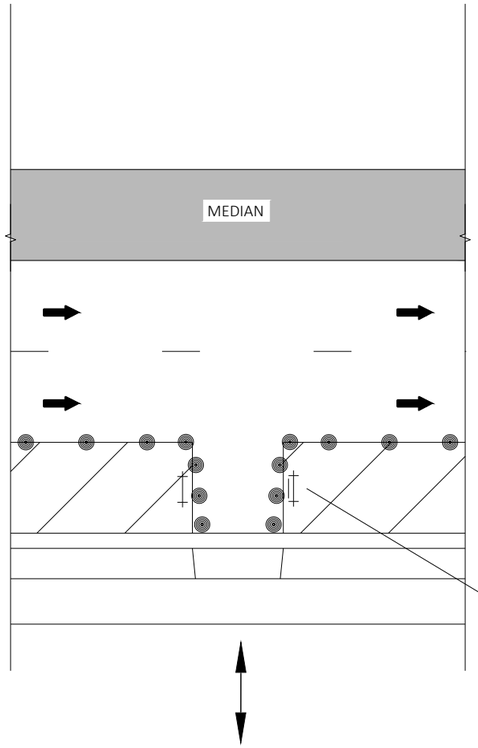
STAGE 2 - STH 38 (PEAK HOURS)

STA 235+00 - 288+00

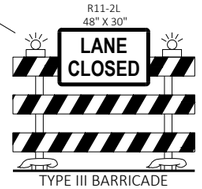
PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC CONTROL TYPICAL SECTIONS	SHEET 398	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\026003-TCTS.DWG
LAYOUT NAME - 06
PLOT DATE : 1/29/2026 3:16 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

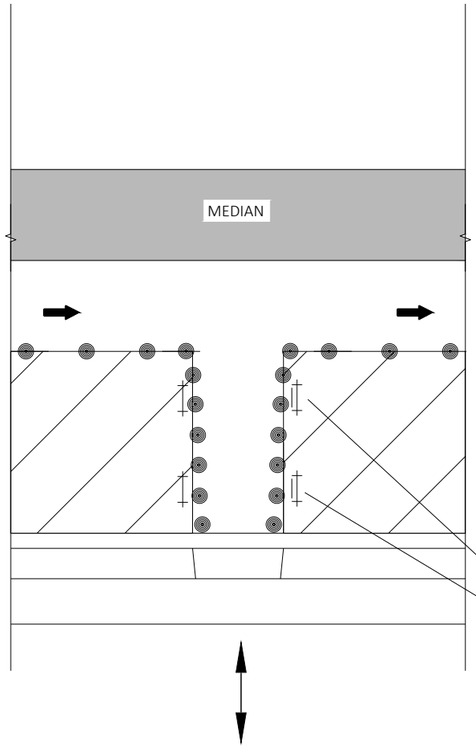
2



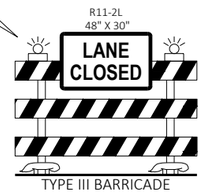
TEMPORARY ACCESS TO COMMERCIAL DRIVEWAY
PEAK HOURS IN STAGE 2



TYPE III BARRICADE



TEMPORARY ACCESS TO COMMERCIAL DRIVEWAY
STAGE 1 AND NON-PEAK HOURS IN STAGE 2



TYPE III BARRICADE

LOCATIONS

SEE TRAFFIC CONTROL PLANS FOR LOCATIONS

LEGEND

- TYPE III BARRICADE WITH/WITHOUT ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- WORK AREA
- DIRECTION OF TRAFFIC

LEGEND

- TYPE III BARRICADE WITH 2 TYPE A LIGHTS
- TYPE III BARRICADE WTH ATTACHED SIGN WITH 2 TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- CONNECTED ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- TRAFFIC CONTROL 42-INCH CONE
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- WORK AREA
- CDWY — COMMERCIAL DRIVEWAY, SEE DETAIL
- R-PM — MARKING REMOVAL SPECIAL MARKING WATER BLASTING
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- MARKING REMOVAL LINE WATER BLASTING

NOTE:
NO TWO CONSECUTIVE MEDIAN OPENINGS SHALL BE CLOSED AT THE SAME TIME.

MEDIAN TO REMAIN OPEN UNLESS WORK IS OCCURRING IN AREA.

N

NORTH M3-1 24"X12"
38 M1-6 24"X24"
MAX. 12' WIDTH
W12-52 48"X48"

7 MILE ROAD

STH 38

102 104 110 112 114 116 118 120

END ROAD WORK G20-2A 48"X24"
500'
(E)

(S)
1000'
500'
ROAD WORK AHEAD W20-1A
ROAD WORK 1000 FT W20-1C
ROAD WORK 500 FT W20-1D
MAX. 12' WIDTH W12-52 48"X48"

MATCH LINE 120+00

MAX. 12' WIDTH W12-52 48"X48"
2 MILES AHEAD W57-52 36"X24"

NORTH M3-1 24"X12"
38 M1-6 24"X24"
MAX. 12' WIDTH W12-52 48"X48"

COVER
ROAD WORK AHEAD W20-1A
200'
OAKWOOD RD
END ROAD WORK G20-2A 48"X24"
R11-2L 48" X 30"
LANE CLOSED
TYPE III BARRICADE
COVER

MATCH LINE 120+00
500'
122 124 126 128 130 132 134
STH 38
CONC
50' TYP.
TEMP MARKING LINE REMOVABLE TAPE 6-INCH, YELLOW
540' TAPER
WO1-6 48" X 24"
TYPE III BARRICADE
MATCH LINE 134+75

500'
GOLF COURSE
CDWY
ROAD WORK NEXT 6 MILES G20-1 60"X24"
BRIDGE
GOLF GREEN
WO1-4R
500'
200'
END ROAD WORK G20-2A 48"X24"
ROAD WORK AHEAD W20-1A

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 1 MAINLINE	SHEET 400	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\026101-S1.DWG
LAYOUT NAME - 01
PLOT DATE : 7/17/2026 9:17 AM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:100 FT

NOTE:
NO TWO CONSECUTIVE MEDIAN OPENINGS SHALL BE CLOSED AT THE SAME TIME.

MEDIAN TO REMAIN OPEN UNLESS WORK IS OCCURRING IN AREA.

MATCH LINE 134+75

R11-2L 48" X 30" LANE CLOSED — TYPE III BARRICADE

R11-2L 48" X 30" LANE CLOSED — TYPE III BARRICADE

50' TYP.

STH 38

136 138 140 142 144 146 148

CONC

TEMP MARKING LINE REMOVABLE TAPE 6-INCH, YELLOW

540' TAPER

R11-2L 48" X 30" LANE CLOSED — TYPE III BARRICADE

END ROAD WORK G20-2A 48"X24"

LISA DR

200'

ROAD WORK AHEAD W20-1A

MATCH LINE 149+50

LEGEND

TYPE III BARRICADE WITH 2 TYPE A LIGHTS	WORK ZONE START LOCATION MARKER
TYPE III BARRICADE WTH ATTACHED SIGN WITH 2 TYPE A LIGHTS	WORK ZONE END LOCATION MARKER
TRAFFIC CONTROL DRUM	TRAFFIC CONTROL 42-INCH CONE
TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT	DELINEATOR FLEXIBLE/TUBULAR MARKER
CONNECTED ARROW BOARD	WORK AREA
SIGN ON PERMANENT SUPPORT	COMMERCIAL DRIVEWAY, SEE DETAIL
SIGN ON TEMPORARY SUPPORT	MARKING REMOVAL SPECIAL MARKING WATER BLASTING
DIRECTION OF TRAFFIC	PORTABLE CHANGEABLE MESSAGE BOARD
	MARKING REMOVAL LINE WATER BLASTING

MATCH LINE 149+50

R11-2L 48" X 30" LANE CLOSED — TYPE III BARRICADE

R11-2L 48" X 30" LANE CLOSED — TYPE III BARRICADE

END ROAD WORK G20-2A 48"X24"

SUMMERHILL PL

100'

ROAD WORK AHEAD W20-1A

150 152 154 156 158 160 162 164

STH 38

CONC

R11-2L 48" X 30" LANE CLOSED — TYPE III BARRICADE

END ROAD WORK G20-2A 48"X24"

FITZSIMMONS RD

200'

ROAD WORK AHEAD W20-1A

END ROAD WORK G20-2A 48"X24"

ESTATES PL

200'

ROAD WORK AHEAD W20-1A

R11-2L 48" X 30" LANE CLOSED — TYPE III BARRICADE

MATCH LINE 164+25

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 1 MAINLINE	SHEET 401	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\026101-S1.DWG
LAYOUT NAME - 02
PLOT DATE : 7/17/2026 9:17 AM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

NOTE:
NO TWO CONSECUTIVE MEDIAN OPENINGS SHALL BE CLOSED AT THE SAME TIME.

MEDIAN TO REMAIN OPEN UNLESS WORK IS OCCURRING IN AREA.

MATCH LINE 164+25

MATCH LINE 179+00

MATCH LINE 193+75

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

ROAD WORK AHEAD
W20-1A
200'

FAIRFIELD DR

END ROAD WORK
G20-2A
48"X24"

N

COVER

50' TYP.

STH 38

166 168 170 172 174 176 178

CONC
ASPH

LEGEND

TYPE III BARRICADE WITH 2 TYPE A LIGHTS	WORK ZONE START LOCATION MARKER
TYPE III BARRICADE WTH ATTACHED SIGN WITH 2 TYPE A LIGHTS	WORK ZONE END LOCATION MARKER
TRAFFIC CONTROL DRUM	TRAFFIC CONTROL 42-INCH CONE
TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT	DELINEATOR FLEXIBLE/TUBULAR MARKER
CONNECTED ARROW BOARD	WORK AREA
SIGN ON PERMANENT SUPPORT	COMMERCIAL DRIVEWAY, SEE DETAIL
SIGN ON TEMPORARY SUPPORT	MARKING REMOVAL SPECIAL MARKING WATER BLASTING
DIRECTION OF TRAFFIC	PORTABLE CHANGEABLE MESSAGE BOARD
	MARKING REMOVAL LINE WATER BLASTING

STH 100

SEE TRAFFIC CONTROL STAGE 1 SIDEROADS

180 182 184 186 188 190 192

E PARKWAY ESTATES DR

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 1 MAINLINE	SHEET 402 E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\026101-S1.DWG
LAYOUT NAME - 03

PLOT DATE : 7/17/2026 9:18 AM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

NOTE:
NO TWO CONSECUTIVE MEDIAN OPENINGS SHALL BE CLOSED AT THE SAME TIME.

MEDIAN TO REMAIN OPEN UNLESS WORK IS OCCURRING IN AREA.

MATCH LINE 193+75

MATCH LINE 208+50

MATCH LINE 208+50

MATCH LINE 223+25

OAK CREEK

OAK LEAF DR

CENTENNIAL DR

OAK CREEK PKWY

STH 38

ASPH

194 196 198 200 202 204 206 208

210 212 214 216 218 220 222

50' TYP.

200'

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

ROAD WORK AHEAD
W20-1A

END ROAD WORK
G20-2A
48"X24"

RIGHT TURN ONLY
R3-53R
24"X30"

LEGEND

TYPE III BARRICADE WITH 2 TYPE A LIGHTS	WORK ZONE START LOCATION MARKER
TYPE III BARRICADE WTH ATTACHED SIGN WITH 2 TYPE A LIGHTS	WORK ZONE END LOCATION MARKER
TRAFFIC CONTROL DRUM	TRAFFIC CONTROL 42-INCH CONE
TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT	DELINEATOR FLEXIBLE/TUBULAR MARKER
CONNECTED ARROW BOARD	WORK AREA
SIGN ON PERMANENT SUPPORT	COMMERCIAL DRIVEWAY, SEE DETAIL
SIGN ON TEMPORARY SUPPORT	MARKING REMOVAL SPECIAL MARKING WATER BLASTING
DIRECTION OF TRAFFIC	PORTABLE CHANGEABLE MESSAGE BOARD
	MARKING REMOVAL LINE WATER BLASTING

PROJECT NO:	HWY:	COUNTY:		SHEET
2060-20-70	STH 38	MILWAUKEE	TRAFFIC CONTROL STAGE 1 MAINLINE	403 E

NOTE:
NO TWO CONSECUTIVE MEDIAN OPENINGS SHALL BE CLOSED AT THE SAME TIME.

MEDIAN TO REMAIN OPEN UNLESS WORK IS OCCURRING IN AREA.

MATCH LINE 223+25

MATCH LINE 238+00

MATCH LINE 252+75

R11-2L 48" X 30" LANE CLOSED — TYPE III BARRICADE

ROAD WORK AHEAD W20-1A 350'

END ROAD WORK G20-2A 48"X24"

PUETZ RD

50' TYP.

STH 38

224 226 228 230 232 234 236 238 240 242 244 246 248 250 252

ASPH

GROVELAND DR

200'

LEGEND

- TYPE III BARRICADE WITH 2 TYPE A LIGHTS
- TYPE III BARRICADE WTH ATTACHED SIGN WITH 2 TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- CONNECTED ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- (S) WORK ZONE START LOCATION MARKER
- (E) WORK ZONE END LOCATION MARKER
- TRAFFIC CONTROL 42-INCH CONE
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- WORK AREA
- CDWY COMMERCIAL DRIVEWAY, SEE DETAIL
- R-PM MARKING REMOVAL SPECIAL MARKING WATER BLASTING
- MB PORTABLE CHANGEABLE MESSAGE BOARD
- MARKING REMOVAL LINE WATER BLASTING

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 1 MAINLINE	SHEET 404	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\026101-S1.DWG
LAYOUT NAME - 05

PLOT DATE : 7/17/2026 9:18 AM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1 IN:100 FT

LEGEND

- TYPE III BARRICADE WITH 2 TYPE A LIGHTS
- TYPE III BARRICADE WTH ATTACHED SIGN WITH 2 TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- CONNECTED ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- (S) WORK ZONE START LOCATION MARKER
- (E) WORK ZONE END LOCATION MARKER
- TRAFFIC CONTROL 42-INCH CONE
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- WORK AREA
- CDWY COMMERCIAL DRIVEWAY, SEE DETAIL
- R-PM MARKING REMOVAL SPECIAL MARKING WATER BLASTING
- MB PORTABLE CHANGEABLE MESSAGE BOARD
- MARKING REMOVAL LINE WATER BLASTING

NOTE:
NO TWO CONSECUTIVE MEDIAN OPENINGS SHALL BE CLOSED AT THE SAME TIME.

MEDIAN TO REMAIN OPEN UNLESS WORK IS OCCURRING IN AREA.

N

MATCH LINE 252+75

MATCH LINE 267+50

MATCH LINE 282+25

STH 38

FOREST HILL AVE

OAKFIELD DR

TOWN SQUARE WAY

SUSAN DR

ASPH

U/C

COVER

ROAD WORK AHEAD W20-1A 200'

END ROAD WORK G20-2A 48"X24"

RIGHT TURN ONLY R3-53R 24"X30"

R11-2L 48" X 30" LANE CLOSED TYPE III BARRICADE

50' TYP.

254 256 258 260 262 264 266 268 270 272 274 276 278 280 282

SEE TRAFFIC CONTROL STAGE 1 SIDEROADS

2

NOTE:
NO TWO CONSECUTIVE MEDIAN OPENINGS SHALL BE CLOSED AT THE SAME TIME.

MEDIAN TO REMAIN OPEN UNLESS WORK IS OCCURRING IN AREA.

MATCH LINE 282+25

DREXEL AVE

50' TYP.

284 286 288 290 292 294 296

STH 38

ASPH

CONC

TENNIS COURT

CEM

MATCH LINE 297+00

SEE TRAFFIC CONTROL STAGE 1 SIDEROADS

DREXEL AVE

N

LEGEND

- TYPE III BARRICADE WITH 2 TYPE A LIGHTS
- TYPE III BARRICADE WTH ATTACHED SIGN WITH 2 TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- CONNECTED ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- (S) WORK ZONE START LOCATION MARKER
- (E) WORK ZONE END LOCATION MARKER
- TRAFFIC CONTROL 42-INCH CONE
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- WORK AREA
- CDWY COMMERCIAL DRIVEWAY, SEE DETAIL
- R-PM MARKING REMOVAL SPECIAL MARKING WATER BLASTING
- MB PORTABLE CHANGEABLE MESSAGE BOARD
- MARKING REMOVAL LINE WATER BLASTING

MATCH LINE 297+00

R11-2L 48" X 30" LANE CLOSED
TYPE III BARRICADE

R11-2L 48" X 30" LANE CLOSED
TYPE III BARRICADE

298 300 302 304 306 308 310

STH 38

ASPH

ASPH

N

END ROAD WORK
G20-2A
48"X24"

FIELDSTONE CIR

200'

ROAD WORK AHEAD
W20-1A

R11-2L 48" X 30" LANE CLOSED
TYPE III BARRICADE

END ROAD WORK
G20-2A
48"X24"

MANITOBA AVE

200'

ROAD WORK AHEAD
W20-1A

R11-2L 48" X 30" LANE CLOSED
TYPE III BARRICADE

MATCH LINE 311+75

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 1 MAINLINE	SHEET 406	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\026101-S1.DWG
LAYOUT NAME - 07
PLOT DATE : 7/17/2026 9:19 AM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

NOTE:
NO TWO CONSECUTIVE MEDIAN OPENINGS SHALL BE CLOSED AT THE SAME TIME.

MEDIAN TO REMAIN OPEN UNLESS WORK IS OCCURRING IN AREA.

MATCH LINE 311+75

MATCH LINE 326+50

MATCH LINE 326+50

MATCH LINE 341+25

R11-2L 48" X 30" LANE CLOSED TYPE III BARRICADE

ROAD WORK AHEAD W20-1A

350'

MARQUETTE AVE

END ROAD WORK G20-2A 48"X24"

50' TYP.

STH 38

312 314 316 318 320 322 324 326

ASPH

MAHN CT

200'

328 330 332 334 336 338 340

RAWSON AVE

SEE TRAFFIC CONTROL STAGE 1 SIDEROADS

N

LEGEND

- TYPE III BARRICADE WITH 2 TYPE A LIGHTS
- TYPE III BARRICADE WTH ATTACHED SIGN WITH 2 TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- CONNECTED ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- (S) WORK ZONE START LOCATION MARKER
- (E) WORK ZONE END LOCATION MARKER
- TRAFFIC CONTROL 42-INCH CONE
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- WORK AREA
- CDWY COMMERCIAL DRIVEWAY, SEE DETAIL
- R-PM MARKING REMOVAL SPECIAL MARKING WATER BLASTING
- MB PORTABLE CHANGEABLE MESSAGE BOARD
- MARKING REMOVAL LINE WATER BLASTING

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 1 MAINLINE	SHEET 407	E

NOTE:
NO TWO CONSECUTIVE MEDIAN OPENINGS SHALL BE CLOSED AT THE SAME TIME.

MEDIAN TO REMAIN OPEN UNLESS WORK IS OCCURRING IN AREA.

N

MATCH LINE 341+25

RAWSON AVE

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

50' TYP.

STH 38

342 344 346 348 350 352 354

ASPH

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

MATCH LINE 356+00

LEGEND

- TYPE III BARRICADE WITH 2 TYPE A LIGHTS
- TYPE III BARRICADE WTH ATTACHED SIGN WITH 2 TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- CONNECTED ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- (S) WORK ZONE START LOCATION MARKER
- (E) WORK ZONE END LOCATION MARKER
- TRAFFIC CONTROL 42-INCH CONE
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- WORK AREA
- CDWY COMMERCIAL DRIVEWAY, SEE DETAIL
- R-PM MARKING REMOVAL SPECIAL MARKING WATER BLASTING
- MB PORTABLE CHANGEABLE MESSAGE BOARD
- MARKING REMOVAL LINE WATER BLASTING

MATCH LINE 356+00

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

N

STH 38

356 358 360 362 364 366 368 370

ASPH

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

END ROAD WORK
G20-2A
48"X24"

OAK ST

200'

ROAD WORK AHEAD
W20-1A

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

MATCH LINE 370+75

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 1 MAINLINE	SHEET 408	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\026101-S1.DWG
LAYOUT NAME - 09
PLOT DATE : 7/17/2026 9:19 AM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1 IN:100 FT

NOTE:
NO TWO CONSECUTIVE MEDIAN OPENINGS SHALL BE CLOSED AT THE SAME TIME.

MEDIAN TO REMAIN OPEN UNLESS WORK IS OCCURRING IN AREA.

MATCH LINE 370+75

MATCH LINE 385+50

MATCH LINE 400+25

R11-2L 48" X 30" LANE CLOSED — TYPE III BARRICADE

ROAD WORK AHEAD W20-1A — 200'

END ROAD WORK G20-2A 48"X24"

50' TYP.

25' TYP.

ASPH

372 374 376 378 380 382 384

STH 38

JEWELL ST

350'

386 388 390 392 394 396 398 400

CEMETERY

COLLEGE AVE

RIGHT LANE MUST TURN RIGHT — COVER

RIGHT LANE ENDS — COVER

N

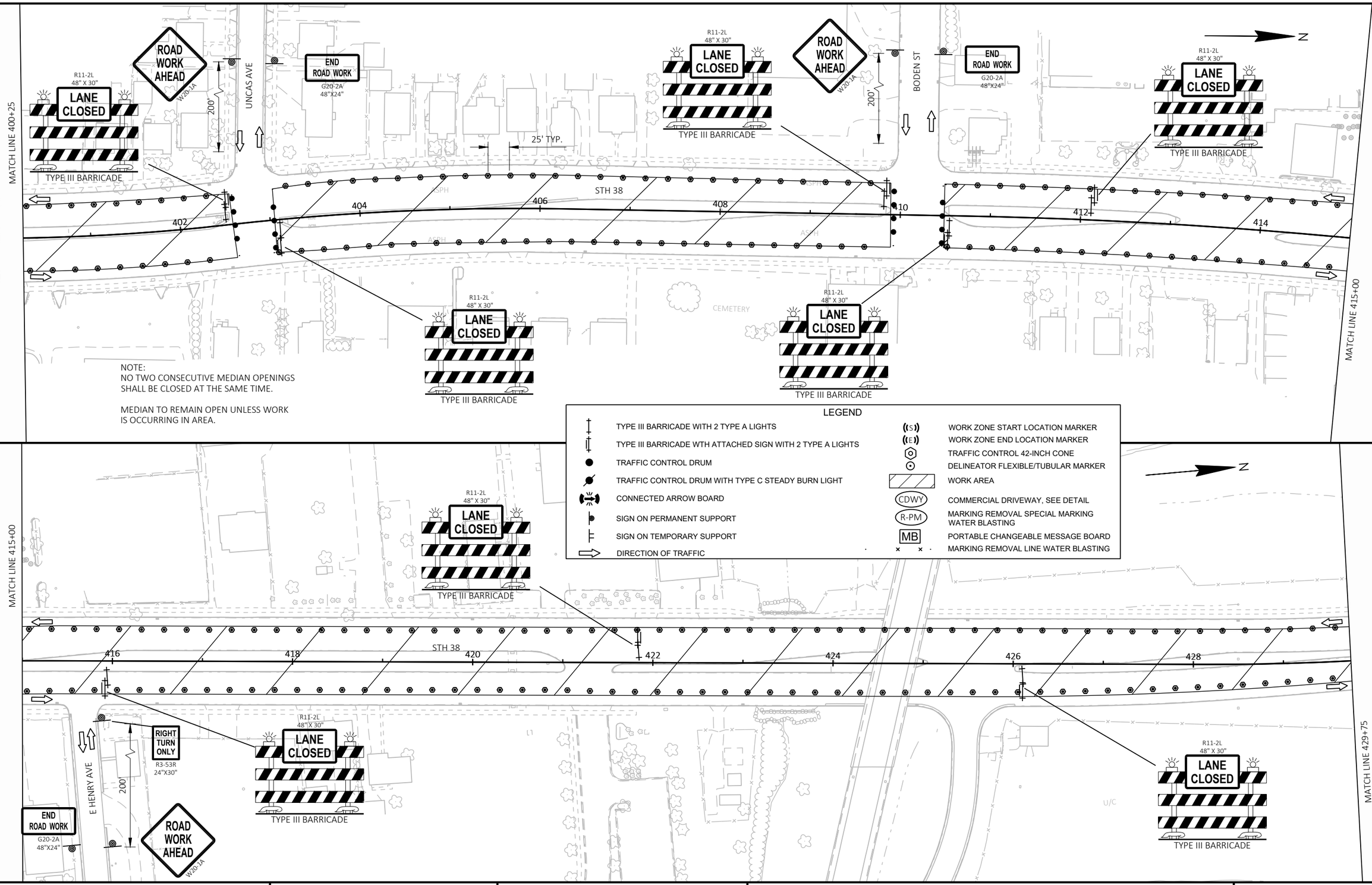
LEGEND

- TYPE III BARRICADE WITH 2 TYPE A LIGHTS
- TYPE III BARRICADE WTH ATTACHED SIGN WITH 2 TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- CONNECTED ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- (S) WORK ZONE START LOCATION MARKER
- (E) WORK ZONE END LOCATION MARKER
- TRAFFIC CONTROL 42-INCH CONE
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- WORK AREA
- CDWY COMMERCIAL DRIVEWAY, SEE DETAIL
- R-PM MARKING REMOVAL SPECIAL MARKING WATER BLASTING
- MB PORTABLE CHANGEABLE MESSAGE BOARD
- MARKING REMOVAL LINE WATER BLASTING

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 1 MAINLINE	SHEET 409	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\026101-S1.DWG
LAYOUT NAME - 10
PLOT DATE : 7/17/2026 9:19 AM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

2



PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 1 MAINLINE	SHEET 410	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\026101-S1.DWG
LAYOUT NAME - 11
PLOT DATE : 7/17/2026 9:20 AM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

NOTE:
NO TWO CONSECUTIVE MEDIAN OPENINGS SHALL BE CLOSED AT THE SAME TIME.

MEDIAN TO REMAIN OPEN UNLESS WORK IS OCCURRING IN AREA.

R11-2L 48" X 30" LANE CLOSED — TYPE III BARRICADE

AIRPORT RUNWAY

MATCH LINE 429+75

25' TYP.

430 432 434 436 438 440 442 444

STH 38

MATCH LINE 444+75

LEGEND

- TYPE III BARRICADE WITH 2 TYPE A LIGHTS
- TYPE III BARRICADE WTH ATTACHED SIGN WITH 2 TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- CONNECTED ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- (S) WORK ZONE START LOCATION MARKER
- (E) WORK ZONE END LOCATION MARKER
- TRAFFIC CONTROL 42-INCH CONE
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- WORK AREA
- CDWY COMMERCIAL DRIVEWAY, SEE DETAIL
- R-PM MARKING REMOVAL SPECIAL MARKING WATER BLASTING
- MB PORTABLE CHANGEABLE MESSAGE BOARD
- MARKING REMOVAL LINE WATER BLASTING

R11-2L 48" X 30" LANE CLOSED — TYPE III BARRICADE

ROAD WORK AHEAD W20-1A

25' TYP.

AIR CARGO WAY

ONLY ONLY COVER

END ROAD WORK G20-2A 48"X24"

100'

STH 119 EB

GRANGE AVE

446 448 450 452 454 456 458

STH 38

200'

SEE TRAFFIC CONTROL STAGE 1 SIDEROADS

STH 119 WB

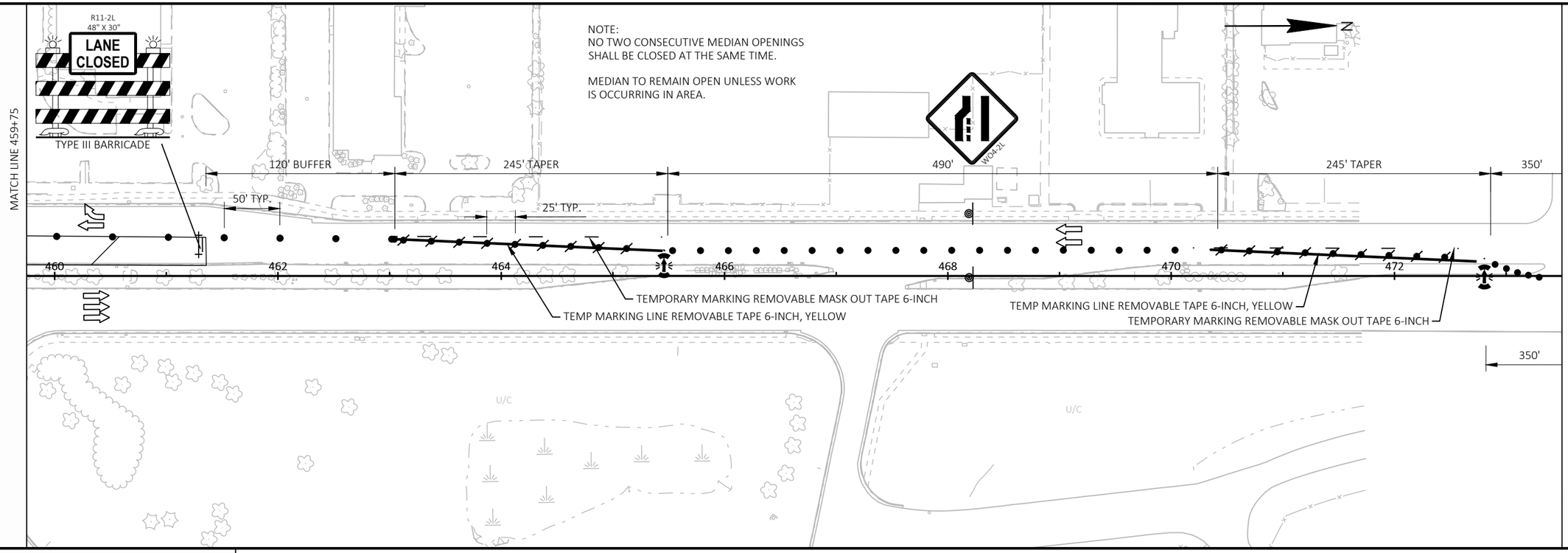
MATCH LINE 459+75

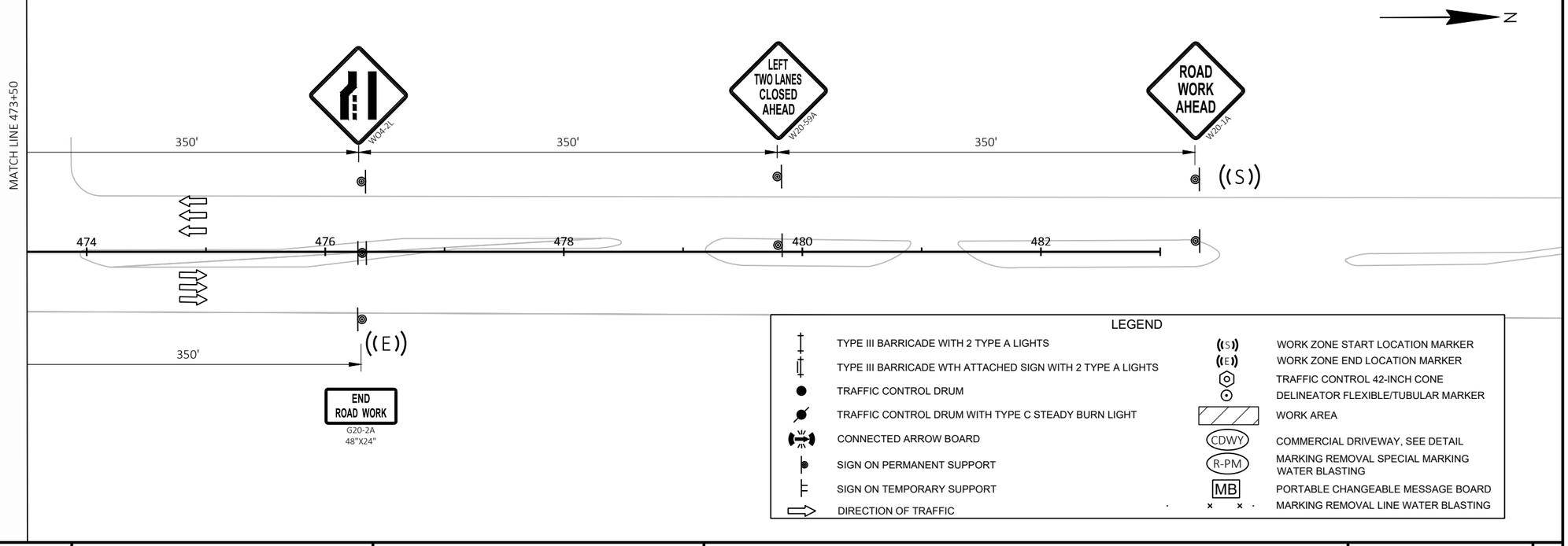
PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 1 MAINLINE	SHEET 411	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\026101-S1.DWG
LAYOUT NAME - 12

PLOT DATE : 7/17/2026 9:20 AM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1 IN:100 FT

2





PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 1 MAINLINE	SHEET 412	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\026101-S1.DWG
LAYOUT NAME - 13
PLOT DATE : 7/17/2026 9:20 AM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

2

2

LEGEND

- TYPE III BARRICADE WITH 2 TYPE A LIGHTS
- TYPE III BARRICADE WTH ATTACHED SIGN WITH 2 TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- CONNECTED ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- (S) WORK ZONE START LOCATION MARKER
- (E) WORK ZONE END LOCATION MARKER
- TRAFFIC CONTROL 42-INCH CONE
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- WORK AREA
- CDWY COMMERCIAL DRIVEWAY, SEE DETAIL
- R-PM MARKING REMOVAL SPECIAL MARKING WATER BLASTING
- MB PORTABLE CHANGEABLE MESSAGE BOARD
- MARKING REMOVAL LINE WATER BLASTING

N

END ROAD WORK
G20-2A
48"X24"

500'

ROAD WORK AHEAD
W20-1A

500'

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

ONLY ONLY
COVER

AHEAD
COVER

RIGHT LANE ENDS
COVER

25' TYP.

STH 100

STH 38

ASPH

ASPH

186

184

182

180

178

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

ROAD WORK AHEAD
W20-1A

500'

STH 100

500'

END ROAD WORK
G20-2A
48"X24"

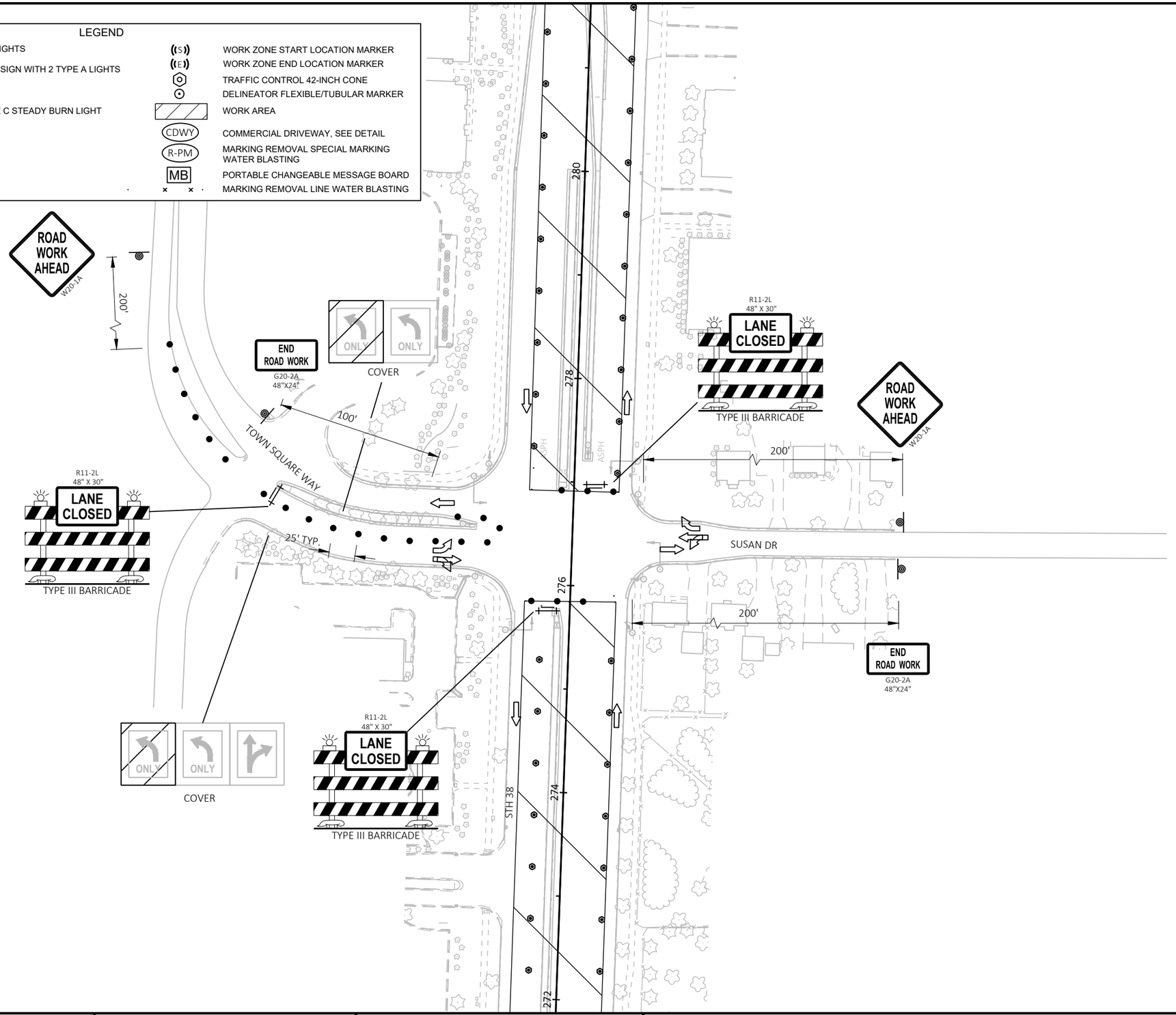
PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 1 SIDEROADS	SHEET 413	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\026102-S1_SIDEROADS.DWG
LAYOUT NAME - 01
PLOT DATE : 7/17/2026 9:20 AM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

LEGEND

- TYPE III BARRICADE WITH 2 TYPE A LIGHTS
- TYPE III BARRICADE WTH ATTACHED SIGN WITH 2 TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- CONNECTED ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- TRAFFIC CONTROL 42-INCH CONE
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- WORK AREA
- CDWY — COMMERCIAL DRIVEWAY, SEE DETAIL
- R-PM — MARKING REMOVAL SPECIAL MARKING WATER BLASTING
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- MARKING REMOVAL LINE WATER BLASTING



PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 1 SIDEROADS	SHEET 414	E

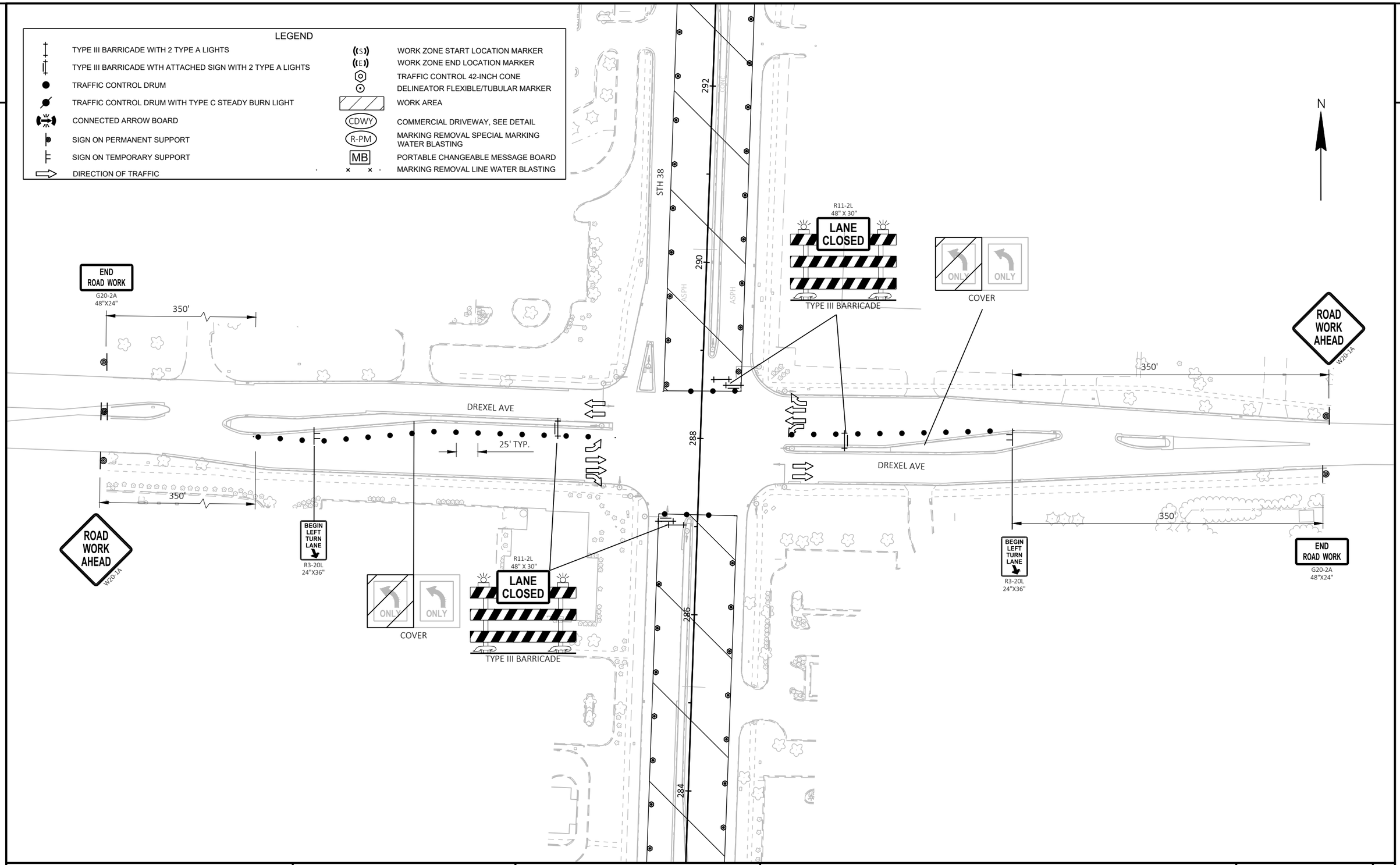
FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\026102-S1_SIDEROADS.DWG
LAYOUT NAME - 02
PLOT DATE : 7/17/2026 9:20 AM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:100 FT

2

2

LEGEND

- TYPE III BARRICADE WITH 2 TYPE A LIGHTS
- TYPE III BARRICADE WTH ATTACHED SIGN WITH 2 TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- CONNECTED ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- (S) WORK ZONE START LOCATION MARKER
- (E) WORK ZONE END LOCATION MARKER
- TRAFFIC CONTROL 42-INCH CONE
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- WORK AREA
- CDWY COMMERCIAL DRIVEWAY, SEE DETAIL
- R-PM MARKING REMOVAL SPECIAL MARKING WATER BLASTING
- MB PORTABLE CHANGEABLE MESSAGE BOARD
- MARKING REMOVAL LINE WATER BLASTING



PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 1 SIDEROADS	SHEET 415	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\026102-S1_SIDEROADS.DWG
LAYOUT NAME - 03
PLOT DATE : 7/17/2026 9:21 AM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

LEGEND

TYPE III BARRICADE WITH 2 TYPE A LIGHTS	WORK ZONE START LOCATION MARKER
TYPE III BARRICADE WTH ATTACHED SIGN WITH 2 TYPE A LIGHTS	WORK ZONE END LOCATION MARKER
TRAFFIC CONTROL DRUM	TRAFFIC CONTROL 42-INCH CONE
TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT	DELINEATOR FLEXIBLE/TUBULAR MARKER
CONNECTED ARROW BOARD	WORK AREA
SIGN ON PERMANENT SUPPORT	COMMERCIAL DRIVEWAY, SEE DETAIL
SIGN ON TEMPORARY SUPPORT	MARKING REMOVAL SPECIAL MARKING WATER BLASTING
DIRECTION OF TRAFFIC	PORTABLE CHANGEABLE MESSAGE BOARD
	MARKING REMOVAL LINE WATER BLASTING

N

2

END ROAD WORK
G20-2A
48"X24"

350'

ROAD WORK AHEAD
W20-1A

BEGIN LEFT TURN LANE
R3-20L
24"X36"

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

RAWSON AVE

25' TYP.

STH 38

344

342

340

338

336

ASPH

HD

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

BEGIN LEFT TURN LANE
R3-20L
24"X36"

350'

RAWSON AVE

350'

ROAD WORK AHEAD
W20-1A

END ROAD WORK
G20-2A
48"X24"

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 1 SIDEROADS	SHEET 416	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\026102-S1_SIDEROADS.DWG
LAYOUT NAME - 04
PLOT DATE : 7/17/2026 9:21 AM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

LEGEND

TYPE III BARRICADE WITH 2 TYPE A LIGHTS	WORK ZONE START LOCATION MARKER
TYPE III BARRICADE WTH ATTACHED SIGN WITH 2 TYPE A LIGHTS	WORK ZONE END LOCATION MARKER
TRAFFIC CONTROL DRUM	TRAFFIC CONTROL 42-INCH CONE
TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT	DELINEATOR FLEXIBLE/TUBULAR MARKER
CONNECTED ARROW BOARD	WORK AREA
SIGN ON PERMANENT SUPPORT	COMMERCIAL DRIVEWAY, SEE DETAIL
SIGN ON TEMPORARY SUPPORT	MARKING REMOVAL SPECIAL MARKING WATER BLASTING
DIRECTION OF TRAFFIC	PORTABLE CHANGEABLE MESSAGE BOARD
	MARKING REMOVAL LINE WATER BLASTING

CDWY

R-PM

MB

N

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

ROAD WORK AHEAD
W20-1A

200'

END ROAD WORK
G20-2A
48"X24"

200'

GRANGE AVE

100'

ROAD WORK AHEAD
W20-1A

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

462
460
458
456
454

STH 38

STH 119 WB

STH 119 EB

U/C

2

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 1 SIDEROADS	SHEET 417 E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\026102-S1_SIDEROADS.DWG
LAYOUT NAME - 05
PLOT DATE : 7/17/2026 9:21 AM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

NOTE:
NO TWO CONSECUTIVE MEDIAN OPENINGS SHALL BE CLOSED AT THE SAME TIME.

MEDIAN TO REMAIN OPEN UNLESS WORK IS OCCURRING IN AREA.

MATCH LINE 193+75

MATCH LINE 208+50

OAK CREEK

OAK LEAF DR

OAK CREEK PKWY

CENTENNIAL DR

STH 38

ASPH

194 196 198 200 202 204 206 208

210 212 214 216 218 220 222

50' TYP

200'

500'

540' TAPER

TEMP. MARKING LINE REMOVABLE TAPE 6-INCH, YELLOW

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

ROAD WORK AHEAD
W20-1A

END ROAD WORK
G20-2A
48"X24"

RIGHT TURN ONLY
R3-53R
24"X30"

W04-2L

N

LEGEND

TYPE III BARRICADE WITH 2 TYPE A LIGHTS	WORK ZONE START LOCATION MARKER
TYPE III BARRICADE WTH ATTACHED SIGN WITH 2 TYPE A LIGHTS	WORK ZONE END LOCATION MARKER
TRAFFIC CONTROL DRUM	TRAFFIC CONTROL 42-INCH CONE
TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT	DELINEATOR FLEXIBLE/TUBULAR MARKER
CONNECTED ARROW BOARD	WORK AREA
SIGN ON PERMANENT SUPPORT	COMMERCIAL DRIVEWAY, SEE DETAIL
SIGN ON TEMPORARY SUPPORT	MARKING REMOVAL SPECIAL MARKING WATER BLASTING
DIRECTION OF TRAFFIC	PORTABLE CHANGEABLE MESSAGE BOARD
	MARKING REMOVAL LINE WATER BLASTING

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 1 MAINLINE - PEAK HOURS	SHEET 418	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\026103-S1 PEAK HOURS.DWG
LAYOUT NAME - 04

PLOT DATE : 7/17/2026 9:21 AM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

NOTE:
NO TWO CONSECUTIVE MEDIAN OPENINGS SHALL BE CLOSED AT THE SAME TIME.

MEDIAN TO REMAIN OPEN UNLESS WORK IS OCCURRING IN AREA.

MATCH LINE 223+25

MATCH LINE 238+00

MATCH LINE 252+75

R11-2L 48" X 30" LANE CLOSED — TYPE III BARRICADE

LEFT LANE CLOSED AHEAD W20-5A

500'

50' TYP.

STH 38

224 226 228 230 232 234 236 238 240 242 244 246 248 250 252

ASPH

ROAD WORK AHEAD W20-1A

350'

200'

PUETZ RD

GROVELAND DR

END ROAD WORK G20-2A 48"X24"

N

LEGEND

- TYPE III BARRICADE WITH 2 TYPE A LIGHTS
- TYPE III BARRICADE WTH ATTACHED SIGN WITH 2 TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- CONNECTED ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- (S) WORK ZONE START LOCATION MARKER
- (E) WORK ZONE END LOCATION MARKER
- TRAFFIC CONTROL 42-INCH CONE
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- WORK AREA
- CDWY COMMERCIAL DRIVEWAY, SEE DETAIL
- R-PM MARKING REMOVAL SPECIAL MARKING WATER BLASTING
- MB PORTABLE CHANGEABLE MESSAGE BOARD
- MARKING REMOVAL LINE WATER BLASTING

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 1 MAINLINE - PEAK HOURS	SHEET 419	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\026103-S1 PEAK HOURS.DWG
LAYOUT NAME - 05

PLOT DATE : 7/17/2026 9:22 AM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

2

LEGEND

- TYPE III BARRICADE WITH 2 TYPE A LIGHTS
- TYPE III BARRICADE WTH ATTACHED SIGN WITH 2 TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- CONNECTED ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- TRAFFIC CONTROL 42-INCH CONE
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- WORK AREA
- CDWY — COMMERCIAL DRIVEWAY, SEE DETAIL
- R-PM — MARKING REMOVAL SPECIAL MARKING WATER BLASTING
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- MARKING REMOVAL LINE WATER BLASTING

MATCH LINE 252+75

ROAD WORK AHEAD W20-1A

200'

FOREST HILL AVE

COVER

END ROAD WORK G20-2A 48"X24"

R11-2L 48" X 30" LANE CLOSED

TYPE III BARRICADE

50' TYP.

NOTE:
NO TWO CONSECUTIVE MEDIAN OPENINGS SHALL BE CLOSED AT THE SAME TIME.

MEDIAN TO REMAIN OPEN UNLESS WORK IS OCCURRING IN AREA.

N

STH 38

254 256 258 260 262 264 266

ASPH

MATCH LINE 267+50

MATCH LINE 282+25

OAKFIELD DR

RIGHT TURN ONLY R3-53R 24"X30"

TOWN SQUARE WAY

SUSAN DR

268 270 272 274 276 278 280 282

SEE TRAFFIC CONTROL STAGE 1 SIDEROADS - PEAK HOURS

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 1 MAINLINE - PEAK HOURS	SHEET 420	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\026103-S1 PEAK HOURS.DWG
LAYOUT NAME - 06
PLOT DATE : 7/17/2026 9:22 AM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

NOTE:
NO TWO CONSECUTIVE MEDIAN OPENINGS SHALL BE CLOSED AT THE SAME TIME.

MEDIAN TO REMAIN OPEN UNLESS WORK IS OCCURRING IN AREA.

MATCH LINE 282+25

MATCH LINE 297+00

DREXEL AVE

50' TYP.

284 286 288 290 292 294 296

STH 38

ASPH

CONC

TENNIS COURT

CEM

500'

500'

LEFT LANE CLOSED AHEAD
W20-55A

W04-2L

SEE TRAFFIC CONTROL STAGE 1 SIDEROADS - PEAK HOURS

LEGEND

TYPE III BARRICADE WITH 2 TYPE A LIGHTS	WORK ZONE START LOCATION MARKER
TYPE III BARRICADE WTH ATTACHED SIGN WITH 2 TYPE A LIGHTS	WORK ZONE END LOCATION MARKER
TRAFFIC CONTROL DRUM	TRAFFIC CONTROL 42-INCH CONE
TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT	DELINEATOR FLEXIBLE/TUBULAR MARKER
CONNECTED ARROW BOARD	WORK AREA
SIGN ON PERMANENT SUPPORT	COMMERCIAL DRIVEWAY, SEE DETAIL
SIGN ON TEMPORARY SUPPORT	MARKING REMOVAL SPECIAL MARKING WATER BLASTING
DIRECTION OF TRAFFIC	PORTABLE CHANGEABLE MESSAGE BOARD
	MARKING REMOVAL LINE WATER BLASTING

MATCH LINE 297+00

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

298 300 302 304 306 308 310

STH 38

ASPH

500'

200'

ROAD WORK AHEAD
W20-1A

TEMP MARKING LINE REMOVABLE TAPE 6-INCH, YELLOW

540' TAPER

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

END ROAD WORK
G20-2A
48"X24"

FIELDSTONE CIR

MANITOBA AVE

MATCH LINE 311+75

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 1 MAINLINE - PEAK HOURS	SHEET 421 E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\026103-S1 PEAK HOURS.DWG
LAYOUT NAME - 07
PLOT DATE : 7/17/2026 9:22 AM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

2

2

LEGEND

- TYPE III BARRICADE WITH 2 TYPE A LIGHTS
- TYPE III BARRICADE WTH ATTACHED SIGN WITH 2 TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- CONNECTED ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- TRAFFIC CONTROL 42-INCH CONE
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- WORK AREA
- CDWY — COMMERCIAL DRIVEWAY, SEE DETAIL
- R-PM — MARKING REMOVAL SPECIAL MARKING WATER BLASTING
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- MARKING REMOVAL LINE WATER BLASTING

N

ROAD WORK AHEAD
W20-1A

200'

END ROAD WORK
G20-2A
48"X24"

100'

TOWN SQUARE WAY

280

278

R11-2L
48" X 30"
LANE CLOSED

TYPE III BARRICADE

EXIST ASPH

ROAD WORK AHEAD
W20-1A

200'

SUSAN DR

276

200'

END ROAD WORK
G20-2A
48"X24"

R11-2L
48" X 30"
LANE CLOSED

TYPE III BARRICADE

274

STH 38

272

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 1 SIDEROADS - PEAK HOURS	SHEET 422	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\026104-S1_SIDEROADS PEAK HOURS.DWG
LAYOUT NAME - 02
PLOT DATE : 7/17/2026 9:22 AM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

2

LEGEND

TYPE III BARRICADE WITH 2 TYPE A LIGHTS	WORK ZONE START LOCATION MARKER
TYPE III BARRICADE WTH ATTACHED SIGN WITH 2 TYPE A LIGHTS	WORK ZONE END LOCATION MARKER
TRAFFIC CONTROL DRUM	TRAFFIC CONTROL 42-INCH CONE
TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT	DELINEATOR FLEXIBLE/TUBULAR MARKER
CONNECTED ARROW BOARD	WORK AREA
SIGN ON PERMANENT SUPPORT	COMMERCIAL DRIVEWAY, SEE DETAIL
SIGN ON TEMPORARY SUPPORT	MARKING REMOVAL SPECIAL MARKING WATER BLASTING
DIRECTION OF TRAFFIC	PORTABLE CHANGEABLE MESSAGE BOARD
	MARKING REMOVAL LINE WATER BLASTING

N

STH 38

292

290

288

286

284

ASPH

CONC

END ROAD WORK
G20-2A
48"X24"

350'

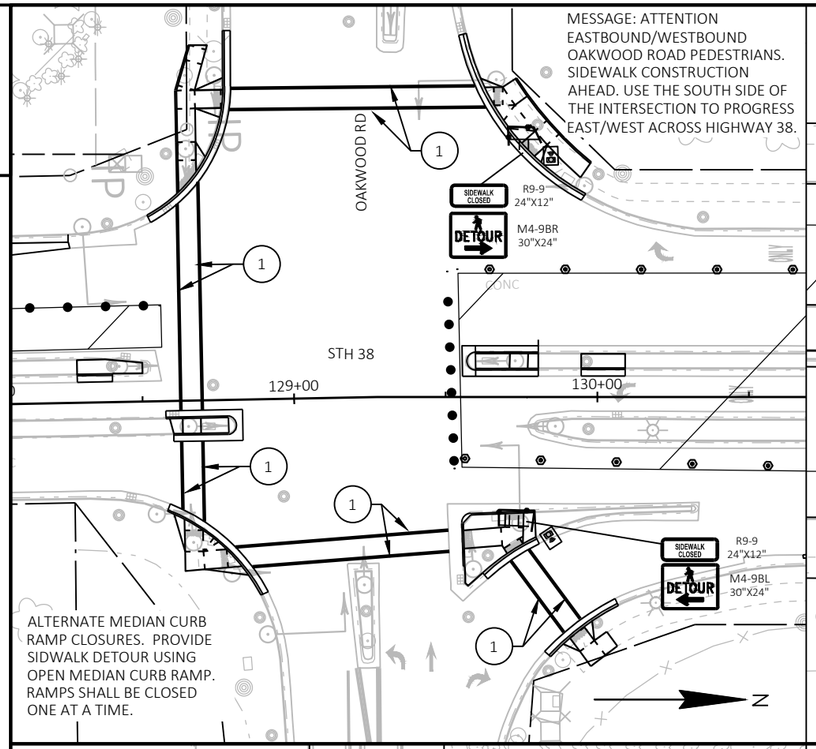
ROAD WORK AHEAD
W20-1A

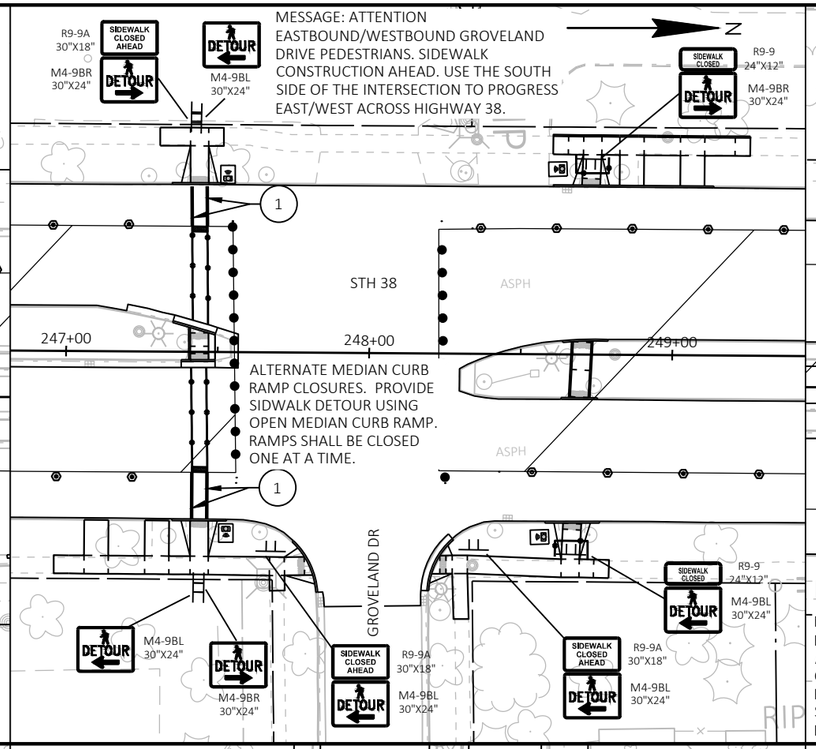
DREXEL AVE

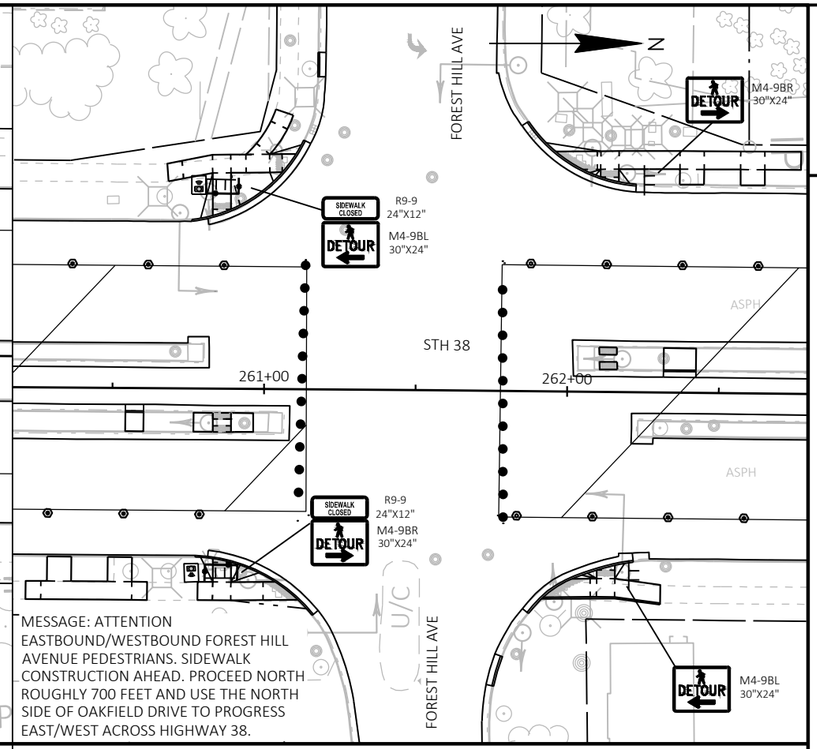
R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 1 SIDEROADS - PEAK HOURS	SHEET 423 E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\026104-S1_SIDEROADS PEAK HOURS.DWG
LAYOUT NAME - 03
PLOT DATE : 7/17/2026 9:22 AM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:100 FT







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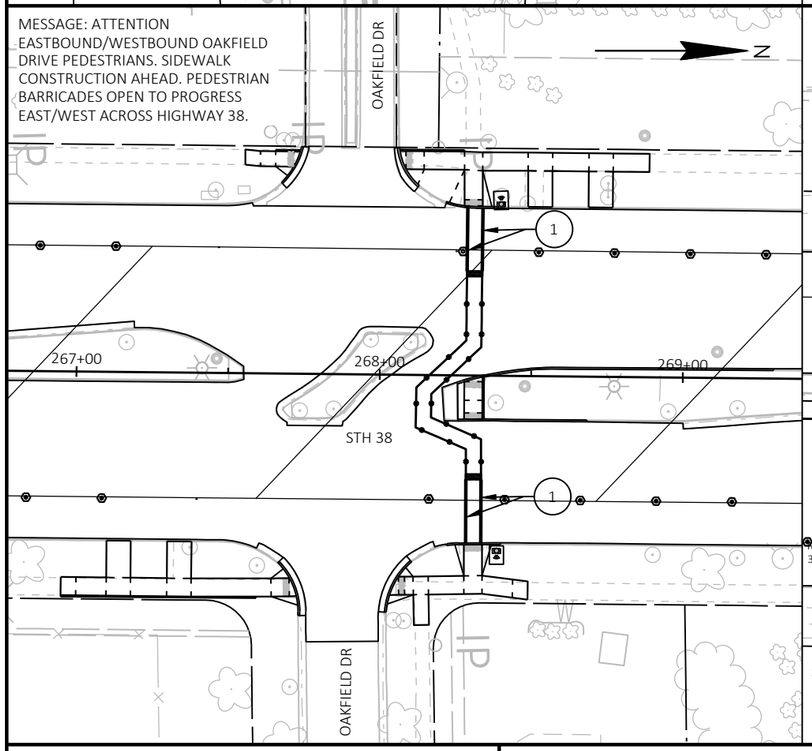
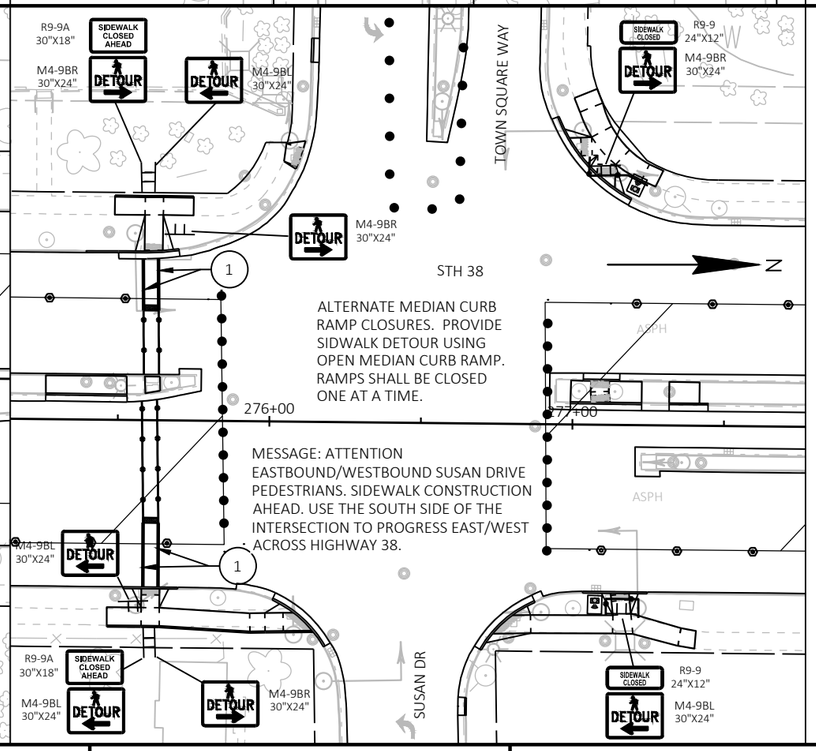




LEGEND

- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- (1) TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
- WORK AREA
- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY AUDIBLE MESSAGE DEVICE
- TEMPORARY PEDESTRIAN CURB RAMP
- TEMPORARY PEDESTRIAN ASPHALT SURFACE

NOTES

1. PROVIDE PEDESTRIAN SIGNAGE AND TEMPORARY DEVICES IN ACCORDANCE WITH SDD, "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" UNTIL ACCOMMODATIONS CAN BE PROVIDED VIA PERMANENT SIDEWALK PLACEMENT.
2. CONSTRUCT CURB RAMPS DURING STAGE 1 LANE CLOSURES.
3. SIDEWALK STAGING PLAN IS SUGGESTED SEQUENCE TO PERFORM WORK OPERATIONS WHILE MAINTAINING PEDESTRIAN ACCESS. SUBMIT IN WRITING ANY MODIFICATIONS TO THE ENGINEER A MINIMUM OF 5 DAYS PRIOR TO BEGINNING WORK.
4. SEE SDD "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" FOR SIGN PLACEMENT FOR PEDESTRIAN ACCOMMODATION.
5. TRAFFIC CONTROL DRUMS AND CONES NOT TO BE PLACED IN CROSSWALKS

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC CONTROL PEDESTRIAN ACCOMMODATIONS STAGE 1	SHEET 424	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\026106-TCPED-S1.DWG
LAYOUT NAME - 01
PLOT DATE : 7/21/2026 12:19 PM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 44

2

MESSAGE: ATTENTION EASTBOUND/WESTBOUND MANITOBA AVENUE PEDESTRIANS. SIDEWALK CONSTRUCTION AHEAD. PEDESTRIAN BARRICADES OPEN TO PROGRESS EAST ACROSS HIGHWAY 38.

307+00 308+00 309+00 STH 38 MANITOBA AVE

MARQUETTE AVE

SIDEWALK CLOSED DETOUR R9-9 24"X12" M4-9BR 30"X24"

316+00 317+00 318+00 STH 38

MESSAGE: ATTENTION EASTBOUND/WESTBOUND MARQUETTE AVENUE PEDESTRIANS. SIDEWALK CONSTRUCTION AHEAD. USE THE SOUTH SIDE OF THE INTERSECTION TO PROGRESS EAST ACROSS HIGHWAY 38.

SIDEWALK CLOSED DETOUR R9-9 24"X12" M4-9BL 30"X24"

MESSAGE: ATTENTION EASTBOUND/WESTBOUND MAHN COURT PEDESTRIANS. SIDEWALK CONSTRUCTION AHEAD. PEDESTRIAN BARRICADES OPEN TO PROGRESS EAST/WEST ACROSS HIGHWAY 38.

362+00 363+00 364+00 STH 38

2

MESSAGE: ATTENTION EASTBOUND/WESTBOUND OAK STREET PEDESTRIANS. SIDEWALK CONSTRUCTION AHEAD. PEDESTRIAN BARRICADES OPEN TO PROGRESS EAST/WEST ACROSS HIGHWAY 38.

366+00 367+00 368+00 STH 38 OAK ST

COLLEGE AVE

393+00 394+00 395+00 STH 38 COLLEGE AVE

MESSAGE: ATTENTION EASTBOUND/WESTBOUND COLLEGE AVENUE PEDESTRIANS. SIDEWALK CONSTRUCTION AHEAD. PEDESTRIAN BARRICADES OPEN TO PROGRESS EAST/WEST ACROSS HIGHWAY 38.

LEGEND

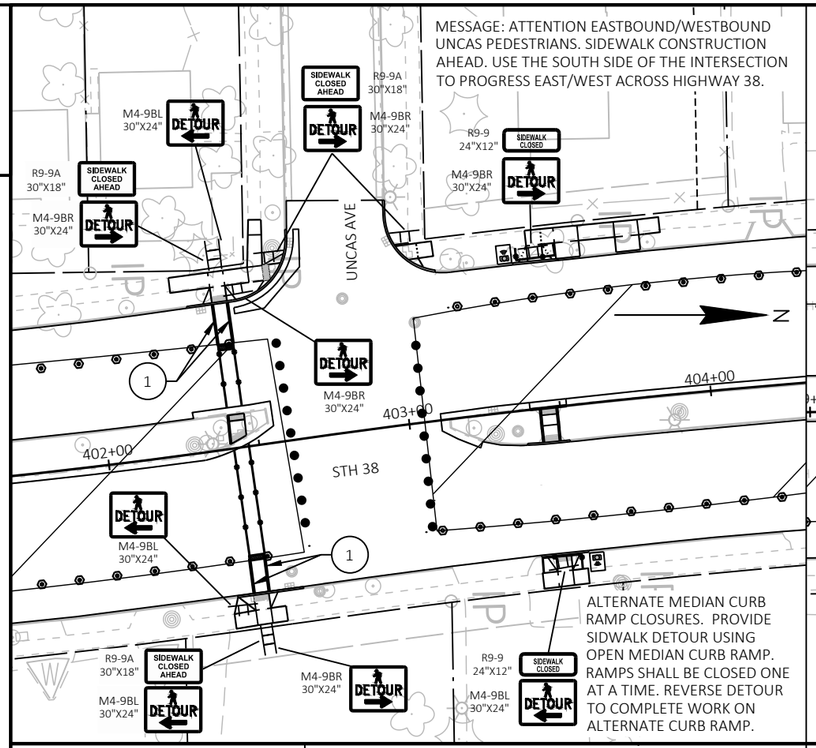
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- 1 TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
- WORK AREA
- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY AUDIBLE MESSAGE DEVICE
- TEMPORARY PEDESTRIAN CURB RAMP
- TEMPORARY PEDESTRIAN ASPHALT SURFACE

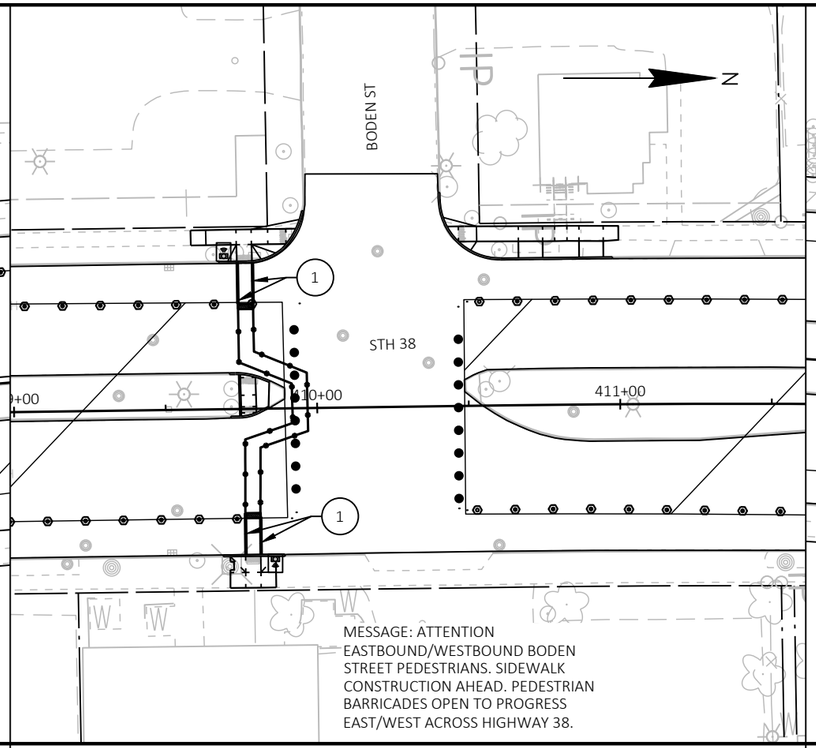
NOTES

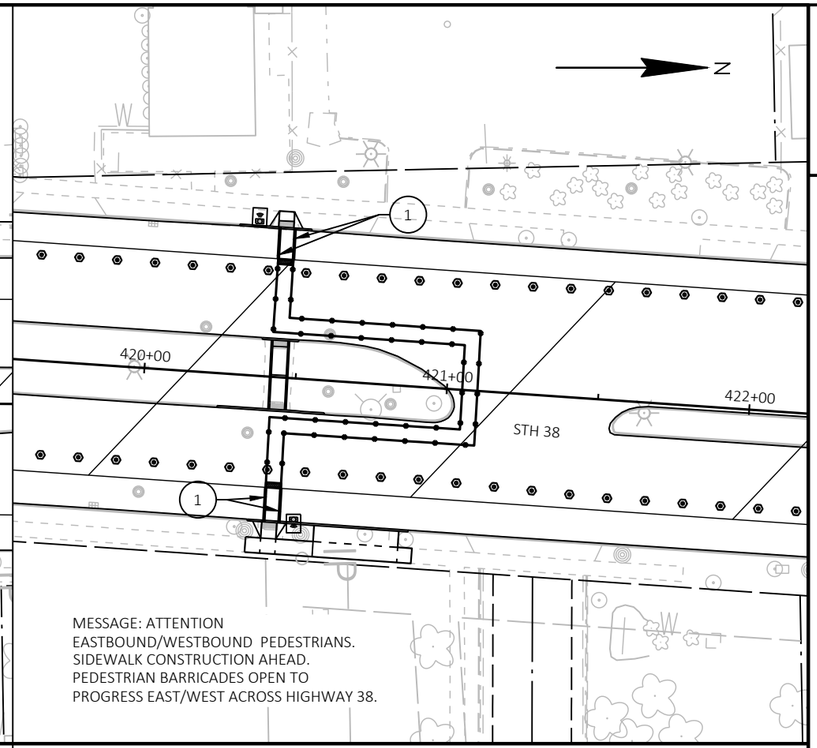
1. PROVIDE PEDESTRIAN SIGNAGE AND TEMPORARY DEVICES IN ACCORDANCE WITH SDD, "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" UNTIL ACCOMMODATIONS CAN BE PROVIDED VIA PERMANENT SIDEWALK PLACEMENT.
2. CONSTRUCT CURB RAMPS DURING STAGE 1 LANE CLOSURES.
3. SIDEWALK STAGING PLAN IS SUGGESTED SEQUENCE TO PERFORM WORK OPERATIONS WHILE MAINTAINING PEDESTRIAN ACCESS. SUBMIT IN WRITING ANY MODIFICATIONS TO THE ENGINEER A MINIMUM OF 5 DAYS PRIOR TO BEGINNING WORK.
4. SEE SDD "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" FOR SIGN PLACEMENT FOR PEDESTRIAN ACCOMMODATION.
5. TRAFFIC CONTROL DRUMS AND CONES NOT TO BE PLACED IN CROSSWALKS

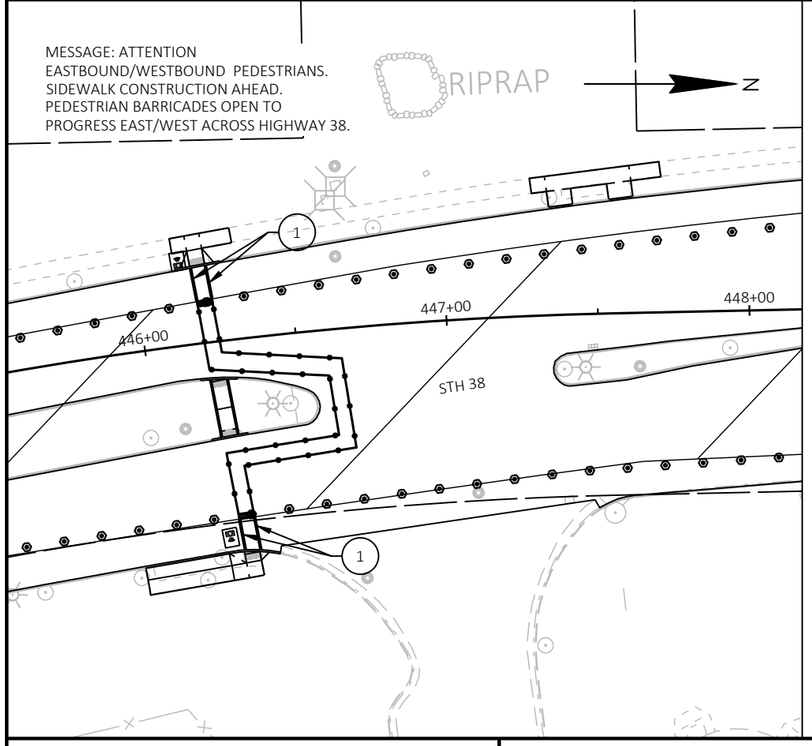
PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC CONTROL PEDESTRIAN ACCOMMODATIONS STAGE 1	SHEET 425	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\026106-TCPED-S1.DWG
LAYOUT NAME - 02
PLOT DATE : 7/17/2026 9:24 AM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : ##########
WISDOT/CADDS SHEET 44









LEGEND

- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- (1) TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
- WORK AREA
- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY AUDIBLE MESSAGE DEVICE
- TEMPORARY PEDESTRIAN CURB RAMP
- TEMPORARY PEDESTRIAN ASPHALT SURFACE

NOTES

1. PROVIDE PEDESTRIAN SIGNAGE AND TEMPORARY DEVICES IN ACCORDANCE WITH SDD, "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" UNTIL ACCOMMODATIONS CAN BE PROVIDED VIA PERMANENT SIDEWALK PLACEMENT.
2. CONSTRUCT CURB RAMPS DURING STAGE 1 LANE CLOSURES.
3. SIDEWALK STAGING PLAN IS SUGGESTED SEQUENCE TO PERFORM WORK OPERATIONS WHILE MAINTAINING PEDESTRIAN ACCESS. SUBMIT IN WRITING ANY MODIFICATIONS TO THE ENGINEER A MINIMUM OF 5 DAYS PRIOR TO BEGINNING WORK.
4. SEE SDD "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" FOR SIGN PLACEMENT FOR PEDESTRIAN ACCOMMODATION.
5. TRAFFIC CONTROL DRUMS AND CONES NOT TO BE PLACED IN CROSSWALKS

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC CONTROL PEDESTRIAN ACCOMMODATIONS STAGE 1	SHEET 426	E

2

LEGEND

- TYPE III BARRICADE WITH 2 TYPE A LIGHTS
- TYPE III BARRICADE WTH ATTACHED SIGN WITH 2 TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- CONNECTED ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- TRAFFIC CONTROL 42-INCH CONE
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- WORK AREA
- CDWY — COMMERCIAL DRIVEWAY, SEE DETAIL
- R-PM — MARKING REMOVAL SPECIAL MARKING WATER BLASTING
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- MARKING REMOVAL LINE WATER BLASTING

NOTE:
WORK AT SIDEROAD CORNERS TO BE ALTERNATED SO THAT BOTH DIRECTIONS OF TRAFFIC ARE MAINTAINED.

NORTH M3-1 24"X12"
38 M1-6 24"X24"
MAX. 12' WIDTH
W12-52 48"X48"

7 MILE ROAD

STH 38

102 104 110 112 114 116 118 120

END ROAD WORK
G20-2A 48"X24"

500' 1000' 500' 500'

ROAD WORK AHEAD W20-1A
ROAD WORK 1000 FT W20-1C
ROAD WORK 500 FT W20-1D
MAX. 12' WIDTH W12-52 48"X48"

MATCH LINE 120+00

2 MILES AHEAD W57-52 36"X24"

NORTH M3-1 24"X12"
38 M1-6 24"X24"
MAX. 12' WIDTH W12-52 48"X48"

COVER

OAKWOOD RD

COVER

50' TYP.

122 124 126 128 130 132 134

500'

500'

GOLF COURSE

ROAD WORK NEXT 6 MILES
G20-1 60"X24"

GOLF GREEN

SEE TRAFFIC CONTROL STAGE 2 SIDEROADS

R11-2L 48" X 30"
LANE CLOSED
TYPE III BARRICADE

MATCH LINE 134+75

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 2 MAINLINE	SHEET 427	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\026201-S2.DWG
LAYOUT NAME - 01
PLOT DATE : 7/17/2026 9:25 AM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

LEGEND

- TYPE III BARRICADE WITH 2 TYPE A LIGHTS
- TYPE III BARRICADE WTH ATTACHED SIGN WITH 2 TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- CONNECTED ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- (S) WORK ZONE START LOCATION MARKER
- (E) WORK ZONE END LOCATION MARKER
- TRAFFIC CONTROL 42-INCH CONE
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- WORK AREA
- CDWY COMMERCIAL DRIVEWAY, SEE DETAIL
- R-PM MARKING REMOVAL SPECIAL MARKING WATER BLASTING
- MB PORTABLE CHANGEABLE MESSAGE BOARD
- MARKING REMOVAL LINE WATER BLASTING

MATCH LINE 134+75

R11-2L 48" X 30" LANE CLOSED — TYPE III BARRICADE

50' TYP.

CDWY

STH 38

136 138 140 142 144 146 148

CONC

R11-2L 48" X 30" LANE CLOSED — TYPE III BARRICADE

END ROAD WORK G20-2A 48"X24"

LISA DR

200'

ROAD WORK AHEAD W20-1A

NOTE:
WORK AT SIDEROAD CORNERS TO BE ALTERNATED SO THAT BOTH DIRECTIONS OF TRAFFIC ARE MAINTAINED.

MATCH LINE 149+50

MATCH LINE 149+50

R11-2L 48" X 30" LANE CLOSED — TYPE III BARRICADE

CDWY

150 152 154 156 158 160 162 164

STH 38

R11-2L 48" X 30" LANE CLOSED — TYPE III BARRICADE

ROAD WORK AHEAD W20-1A

200'

SUMMERHILL PL

END ROAD WORK G20-2A 48"X24"

R11-2L 48" X 30" LANE CLOSED — TYPE III BARRICADE

END ROAD WORK G20-2A 48"X24"

FITZSIMMONS RD

200'

ROAD WORK AHEAD W20-1A

END ROAD WORK G20-2A 48"X24"

ESTATES PL

200'

ROAD WORK AHEAD W20-1A

R11-2L 48" X 30" LANE CLOSED — TYPE III BARRICADE

MATCH LINE 164+25

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 2 MAINLINE	SHEET 428	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\026201-S2.DWG
LAYOUT NAME - 02
PLOT DATE : 7/17/2026 9:25 AM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

NOTE:
WORK AT SIDEROAD CORNERS TO BE ALTERNATED SO THAT BOTH DIRECTIONS OF TRAFFIC ARE MAINTAINED.

MATCH LINE 164+25

R11-2L 48" X 30" LANE CLOSED
TYPE III BARRICADE

ROAD WORK AHEAD W20-1A
200'

FAIRFIELD DR

END ROAD WORK G20-2A 48"X24"

N

COVER

50' TYP.

CDWY

CONC

ASPH

STH 38

166 168 170 172 174 176 178

LEGEND

TYPE III BARRICADE WITH 2 TYPE A LIGHTS	WORK ZONE START LOCATION MARKER
TYPE III BARRICADE WTH ATTACHED SIGN WITH 2 TYPE A LIGHTS	WORK ZONE END LOCATION MARKER
TRAFFIC CONTROL DRUM	TRAFFIC CONTROL 42-INCH CONE
TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT	DELINEATOR FLEXIBLE/TUBULAR MARKER
CONNECTED ARROW BOARD	WORK AREA
SIGN ON PERMANENT SUPPORT	COMMERCIAL DRIVEWAY, SEE DETAIL
SIGN ON TEMPORARY SUPPORT	MARKING REMOVAL SPECIAL MARKING WATER BLASTING
DIRECTION OF TRAFFIC	PORTABLE CHANGEABLE MESSAGE BOARD
	MARKING REMOVAL LINE WATER BLASTING

MATCH LINE 179+00

MATCH LINE 193+75

BEGIN RIGHT TURN LANE R3-20R 24"X36"

STH 100

SEE TRAFFIC CONTROL STAGE 2 SIDEROADS

E PARKWAY ESTATES DR

180 182 184 186 188 190 192

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 2 MAINLINE	SHEET 429 E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\026201-S2.DWG
LAYOUT NAME - 03
PLOT DATE : 7/17/2026 9:26 AM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1 IN:100 FT

NOTE:
WORK AT SIDEROAD CORNERS TO BE ALTERNATED SO THAT BOTH DIRECTIONS OF TRAFFIC ARE MAINTAINED.

MATCH LINE 193+75

MATCH LINE 208+50

OAK CREEK

OAK LEAF DR

OAK CREEK PKWY

CENTENNIAL DR

STH 38

ASPH

50' TYP.

200'

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

ROAD WORK AHEAD
W20-1A

END ROAD WORK
G20-2A
48"X24"

194 196 198 200 202 204 206 208

210 212 214 216 218 220 222

CDWY

SEE TRAFFIC CONTROL STAGE 2 SIDEROADS

MATCH LINE 208+50

MATCH LINE 223+25

LEGEND

TYPE III BARRICADE WITH 2 TYPE A LIGHTS	WORK ZONE START LOCATION MARKER
TYPE III BARRICADE WTH ATTACHED SIGN WITH 2 TYPE A LIGHTS	WORK ZONE END LOCATION MARKER
TRAFFIC CONTROL DRUM	TRAFFIC CONTROL 42-INCH CONE
TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT	DELINEATOR FLEXIBLE/TUBULAR MARKER
CONNECTED ARROW BOARD	WORK AREA
SIGN ON PERMANENT SUPPORT	COMMERCIAL DRIVEWAY, SEE DETAIL
SIGN ON TEMPORARY SUPPORT	MARKING REMOVAL SPECIAL MARKING WATER BLASTING
DIRECTION OF TRAFFIC	PORTABLE CHANGEABLE MESSAGE BOARD
	MARKING REMOVAL LINE WATER BLASTING

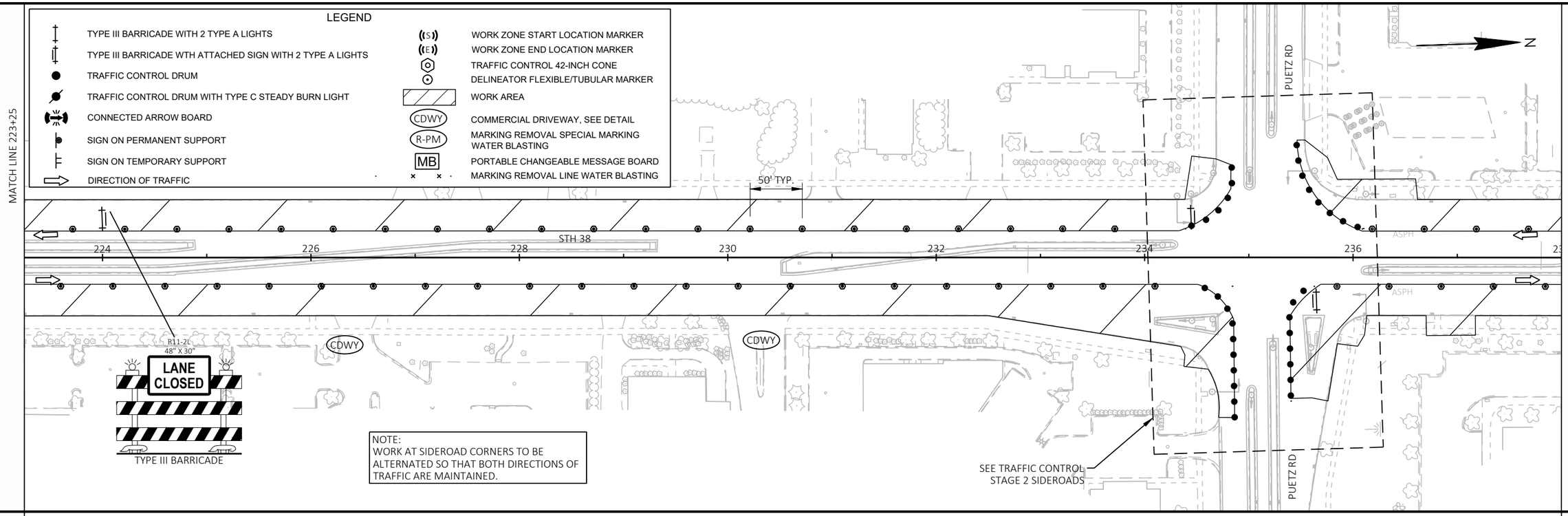
PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 2 MAINLINE	SHEET 430	E

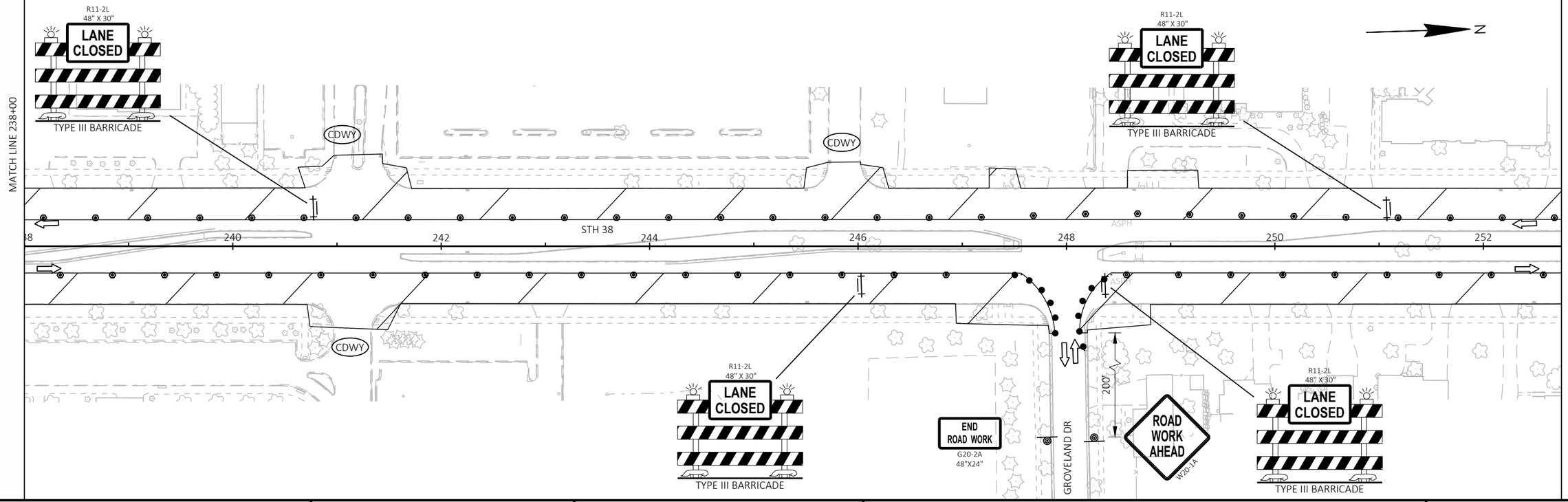
FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\026201-S2.DWG
LAYOUT NAME - 04
PLOT DATE : 7/17/2026 9:26 AM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

2

LEGEND

- TYPE III BARRICADE WITH 2 TYPE A LIGHTS
- TYPE III BARRICADE WTH ATTACHED SIGN WITH 2 TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- CONNECTED ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- (S) WORK ZONE START LOCATION MARKER
- (E) WORK ZONE END LOCATION MARKER
- TRAFFIC CONTROL 42-INCH CONE
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- WORK AREA
- CDWY COMMERCIAL DRIVEWAY, SEE DETAIL
- R-PM MARKING REMOVAL SPECIAL MARKING WATER BLASTING
- MB PORTABLE CHANGEABLE MESSAGE BOARD
- MARKING REMOVAL LINE WATER BLASTING





PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 2 MAINLINE	SHEET 431	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\026201-S2.DWG
LAYOUT NAME - 05
PLOT DATE : 7/17/2026 9:26 AM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

2

LEGEND

- TYPE III BARRICADE WITH 2 TYPE A LIGHTS
- TYPE III BARRICADE WTH ATTACHED SIGN WITH 2 TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- CONNECTED ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- TRAFFIC CONTROL 42-INCH CONE
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- WORK AREA
- CDWY — COMMERCIAL DRIVEWAY, SEE DETAIL
- R-PM — MARKING REMOVAL SPECIAL MARKING WATER BLASTING
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- MARKING REMOVAL LINE WATER BLASTING

NOTE:
WORK AT SIDEROAD CORNERS TO BE ALTERNATED SO THAT BOTH DIRECTIONS OF TRAFFIC ARE MAINTAINED.

N

MATCH LINE 252+75

COVER

FOREST HILL AVE

STH 38

254 256 258 260 262 264 266

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

SEE TRAFFIC CONTROL STAGE 2 SIDEROADS

FOREST HILL AVE

MATCH LINE 267+50

ROAD WORK AHEAD
W20-1A

END ROAD WORK
G20-2A
48"X24"

OAKFIELD DR

200'

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

50' TYP.

CDWY

TOWN SQUARE WAY

N

MATCH LINE 267+50

25' TYP.

STH 38

268 270 272 274 276 278 280 282

OAKFIELD DR

200'

END ROAD WORK
G20-2A
48"X24"

ROAD WORK AHEAD
W20-1A

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

SEE TRAFFIC CONTROL STAGE 2 SIDEROADS

SUSAN DR

MATCH LINE 282+25

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 2 MAINLINE	SHEET 432	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\026201-S2.DWG
LAYOUT NAME - 06

PLOT DATE : 7/17/2026 9:26 AM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

MATCH LINE 282+25

50' TYP

DREXEL AVE

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

N

CDWY

TENNIS COURT

ASPH

STH 38

284 286 288 290 292 294 296

CONC

ASPH

CDWY

CEM

SEE TRAFFIC CONTROL STAGE 2 SIDEROADS

DREXEL AVE

MATCH LINE 297+00

2

MATCH LINE 297+00

LEGEND

TYPE III BARRICADE WITH 2 TYPE A LIGHTS	WORK ZONE START LOCATION MARKER
TYPE III BARRICADE WTH ATTACHED SIGN WITH 2 TYPE A LIGHTS	WORK ZONE END LOCATION MARKER
TRAFFIC CONTROL DRUM	TRAFFIC CONTROL 42-INCH CONE
TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT	DELINEATOR FLEXIBLE/TUBULAR MARKER
CONNECTED ARROW BOARD	WORK AREA
SIGN ON PERMANENT SUPPORT	CDWY — COMMERCIAL DRIVEWAY, SEE DETAIL
SIGN ON TEMPORARY SUPPORT	R-PM — MARKING REMOVAL SPECIAL MARKING WATER BLASTING
DIRECTION OF TRAFFIC	MB — PORTABLE CHANGEABLE MESSAGE BOARD
	MARKING REMOVAL LINE WATER BLASTING

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

NOTE:
WORK AT SIDEROAD CORNERS TO BE ALTERNATED SO THAT BOTH DIRECTIONS OF TRAFFIC ARE MAINTAINED.

N

CDWY

CDWY

ASPH

STH 38

298 300 302 304 306 308 310

ASPH

END ROAD WORK
G20-2A
48"X24"

FIELDSTONE CIR

200'

ROAD WORK AHEAD
W20-1A

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

END ROAD WORK
G20-2A
48"X24"

MANITOBA AVE

200'

ROAD WORK AHEAD
W20-1A

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

MATCH LINE 311+75

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 2 MAINLINE	SHEET 433	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\026201-S2.DWG
LAYOUT NAME - 07

PLOT DATE : 7/17/2026 9:27 AM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

2

MATCH LINE 311+75

R11-2L 48" X 30" LANE CLOSED
TYPE III BARRICADE

ROAD WORK AHEAD W20-1A

350'

MARQUETTE AVE

END ROAD WORK G20-2A 48"X24"

R11-2L 48" X 30" LANE CLOSED
TYPE III BARRICADE

CDWY

50' TYP.

CDWY

ASPH

312 314 316 318 320 STH 38 322 324 326

ASPH

ASPH

R11-2L 48" X 30" LANE CLOSED
TYPE III BARRICADE

END ROAD WORK G20-2A 48"X24"

MAHN CT

200'

ROAD WORK AHEAD W20-1A

R11-2L 48" X 30" LANE CLOSED
TYPE III BARRICADE

MATCH LINE 326+50

2

LEGEND

TYPE III BARRICADE WITH 2 TYPE A LIGHTS	WORK ZONE START LOCATION MARKER
TYPE III BARRICADE WTH ATTACHED SIGN WITH 2 TYPE A LIGHTS	WORK ZONE END LOCATION MARKER
TRAFFIC CONTROL DRUM	TRAFFIC CONTROL 42-INCH CONE
TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT	DELINEATOR FLEXIBLE/TUBULAR MARKER
CONNECTED ARROW BOARD	WORK AREA
SIGN ON PERMANENT SUPPORT	CDWY — COMMERCIAL DRIVEWAY, SEE DETAIL
SIGN ON TEMPORARY SUPPORT	R-PM — MARKING REMOVAL SPECIAL MARKING WATER BLASTING
DIRECTION OF TRAFFIC	MB — PORTABLE CHANGEABLE MESSAGE BOARD
	MARKING REMOVAL LINE WATER BLASTING

NOTE:
WORK AT SIDEROAD CORNERS TO BE ALTERNATED SO THAT BOTH DIRECTIONS OF TRAFFIC ARE MAINTAINED.

MATCH LINE 326+50

R11-2L 48" X 30" LANE CLOSED
TYPE III BARRICADE

CDWY

STH 38

328 330 332 334 336 338 340

ASPH

ASPH

R11-2L 48" X 30" LANE CLOSED
TYPE III BARRICADE

RAWSON AVE

MATCH LINE 341+25

SEE TRAFFIC CONTROL STAGE 2 SIDEROADS

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 2 MAINLINE	SHEET 434	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\026201-S2.DWG
LAYOUT NAME - 08
PLOT DATE : 7/17/2026 9:27 AM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

2

MATCH LINE 341+25

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

N

CDWY

50' TYP.

CDWY

ASPH

STH 38

342 344 346 348 350 352 354

NOTE:
WORK AT SIDEROAD CORNERS TO BE ALTERNATED SO THAT BOTH DIRECTIONS OF TRAFFIC ARE MAINTAINED.

LEGEND

- TYPE III BARRICADE WITH 2 TYPE A LIGHTS
- TYPE III BARRICADE WTH ATTACHED SIGN WITH 2 TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- CONNECTED ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- (S) WORK ZONE START LOCATION MARKER
- (E) WORK ZONE END LOCATION MARKER
- TRAFFIC CONTROL 42-INCH CONE
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- WORK AREA
- CDWY COMMERCIAL DRIVEWAY, SEE DETAIL
- R-PM MARKING REMOVAL SPECIAL MARKING WATER BLASTING
- MB PORTABLE CHANGEABLE MESSAGE BOARD
- MARKING REMOVAL LINE WATER BLASTING

MATCH LINE 356+00

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

N

CDWY

CDWY

CDWY

STH 38

356 358 360 362 364 366 368 370

ASPH

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

END ROAD WORK
G20-2A
48"X24"

200'

OAK ST

ROAD WORK AHEAD
W20-1A

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

MATCH LINE 370+75

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 2 MAINLINE	SHEET 435	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\026201-S2.DWG
LAYOUT NAME - 09

PLOT DATE : 7/17/2026 9:27 AM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

2

MATCH LINE 370+75

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

ROAD WORK AHEAD
W20-1A

200'

END ROAD WORK
G20-2A
48"X24"

50' TYP.

25' TYP.

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

N

ASPH

372 374 376 378 380 382 384

STH 38

CDWY

MATCH LINE 385+50

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

END ROAD WORK
G20-2A
48"X24"

JEWELL ST

200'

ROAD WORK AHEAD
W20-1A

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

NOTE:
WORK AT SIDEROAD CORNERS TO BE ALTERNATED SO THAT BOTH DIRECTIONS OF TRAFFIC ARE MAINTAINED.

2

LEGEND

TYPE III BARRICADE WITH 2 TYPE A LIGHTS	WORK ZONE START LOCATION MARKER
TYPE III BARRICADE WTH ATTACHED SIGN WITH 2 TYPE A LIGHTS	WORK ZONE END LOCATION MARKER
TRAFFIC CONTROL DRUM	TRAFFIC CONTROL 42-INCH CONE
TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT	DELINEATOR FLEXIBLE/TUBULAR MARKER
CONNECTED ARROW BOARD	WORK AREA
SIGN ON PERMANENT SUPPORT	CDWY — COMMERCIAL DRIVEWAY, SEE DETAIL
SIGN ON TEMPORARY SUPPORT	R-PM — MARKING REMOVAL SPECIAL MARKING WATER BLASTING
DIRECTION OF TRAFFIC	MB — PORTABLE CHANGEABLE MESSAGE BOARD
	MARKING REMOVAL LINE WATER BLASTING

MATCH LINE 385+50

COLLEGE AVE

RIGHT LANE MUST TURN RIGHT
COVER

RIGHT LANE ENDS
COVER

N

CDWY

CDWY

ASPH

386 388 390 392 394 396 398 400

STH 38

CEMETERY

CEMETERY

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

SEE TRAFFIC CONTROL STAGE 2 SIDEROADS

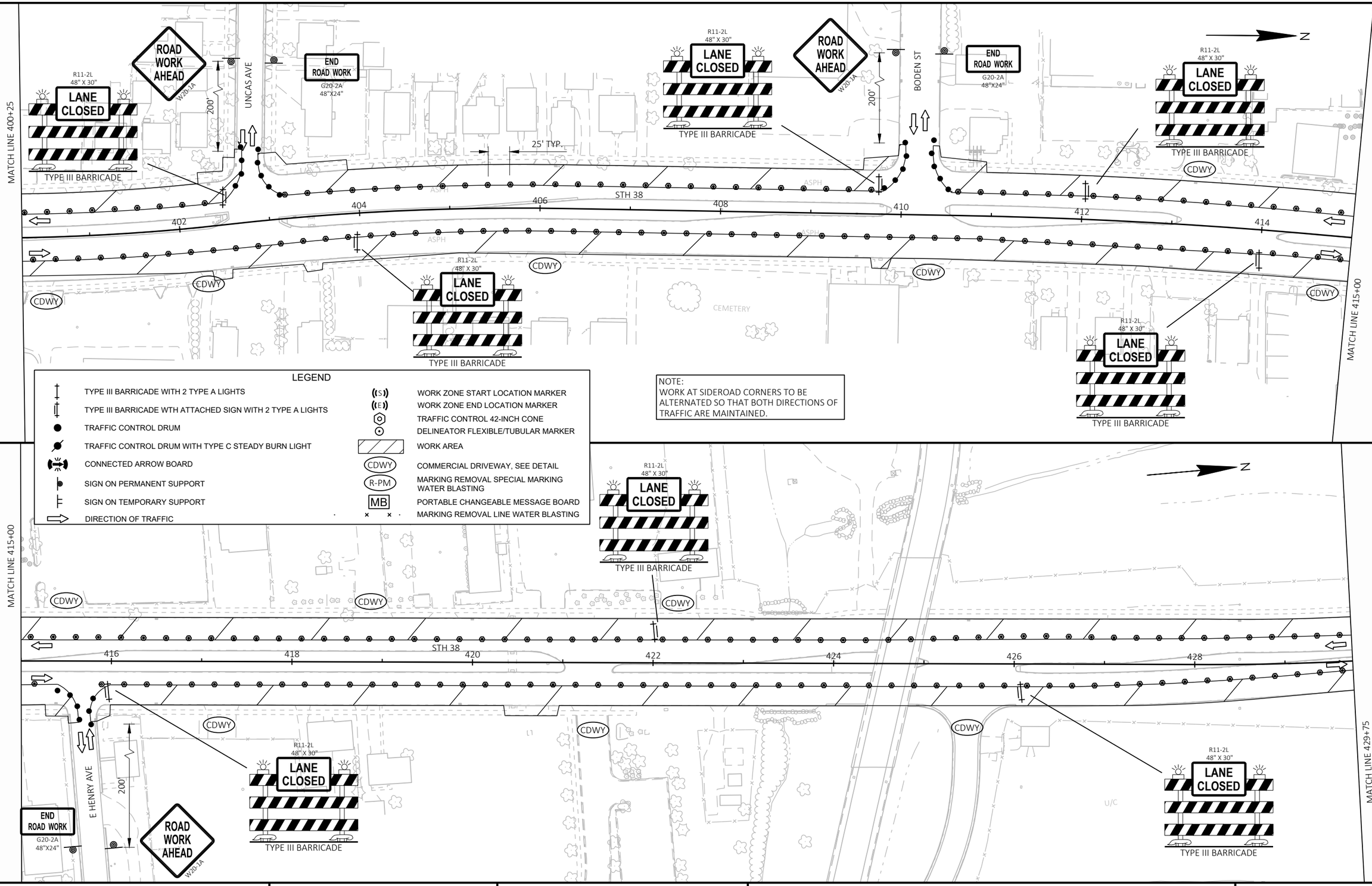
COLLEGE AVE

MATCH LINE 400+25

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 2 MAINLINE	SHEET 436	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\026201-S2.DWG
LAYOUT NAME - 10
PLOT DATE : 7/17/2026 9:27 AM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

2



LEGEND

- TYPE III BARRICADE WITH 2 TYPE A LIGHTS
- TYPE III BARRICADE WTH ATTACHED SIGN WITH 2 TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- CONNECTED ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- TRAFFIC CONTROL 42-INCH CONE
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- WORK AREA
- CDWY — COMMERCIAL DRIVEWAY, SEE DETAIL
- R-PM — MARKING REMOVAL SPECIAL MARKING WATER BLASTING
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- MARKING REMOVAL LINE WATER BLASTING

NOTE:
WORK AT SIDEROAD CORNERS TO BE ALTERNATED SO THAT BOTH DIRECTIONS OF TRAFFIC ARE MAINTAINED.

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 2 MAINLINE	SHEET 437	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\026201-S2.DWG
LAYOUT NAME - 11
PLOT DATE : 7/17/2026 9:28 AM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

2

2

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

MATCH LINE 429+75

AIRPORT RUNWAY

AIRPORT RUNWAY

N

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

ASPH
CONC
ASPH
CONC
ASPH

430
432
434
436
438
440
442
444

STH 38

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

MATCH LINE 444+75

LEGEND

TYPE III BARRICADE WITH 2 TYPE A LIGHTS	WORK ZONE START LOCATION MARKER
TYPE III BARRICADE WTH ATTACHED SIGN WITH 2 TYPE A LIGHTS	WORK ZONE END LOCATION MARKER
TRAFFIC CONTROL DRUM	TRAFFIC CONTROL 42-INCH CONE
TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT	DELINEATOR FLEXIBLE/TUBULAR MARKER
CONNECTED ARROW BOARD	WORK AREA
SIGN ON PERMANENT SUPPORT	COMMERCIAL DRIVEWAY, SEE DETAIL
SIGN ON TEMPORARY SUPPORT	MARKING REMOVAL SPECIAL MARKING WATER BLASTING
DIRECTION OF TRAFFIC	PORTABLE CHANGEABLE MESSAGE BOARD
	MARKING REMOVAL LINE WATER BLASTING

NOTE:
WORK AT SIDEROAD CORNERS TO BE ALTERNATED SO THAT BOTH DIRECTIONS OF TRAFFIC ARE MAINTAINED.

U/C

RAMP

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

ROAD WORK AHEAD
W20-1A

ONLY
ONLY
COVER

25' TYP.

AIR CARGO WAY

END ROAD WORK
G20-2A
48"X24"

R-PM

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

STH 119 EB

SHOULDER CLOSURE REQUIRED TO COMPLETE B-40-0485 & B-40-0484 WORK

N

GRANGE AVE

25' TYP.

MATCH LINE 444+75

446
448
450
452
454
456
458

STH 38

CDWY

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

BEGIN RIGHT TURN LANE
R3-20R
24"X36"

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

200'

END ROAD WORK
G20-2A
48"X24"

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

SEE TRAFFIC CONTROL STAGE 2 SIDEROADS

SHOULDER CLOSURE REQUIRED TO COMPLETE B-40-0485 WORK

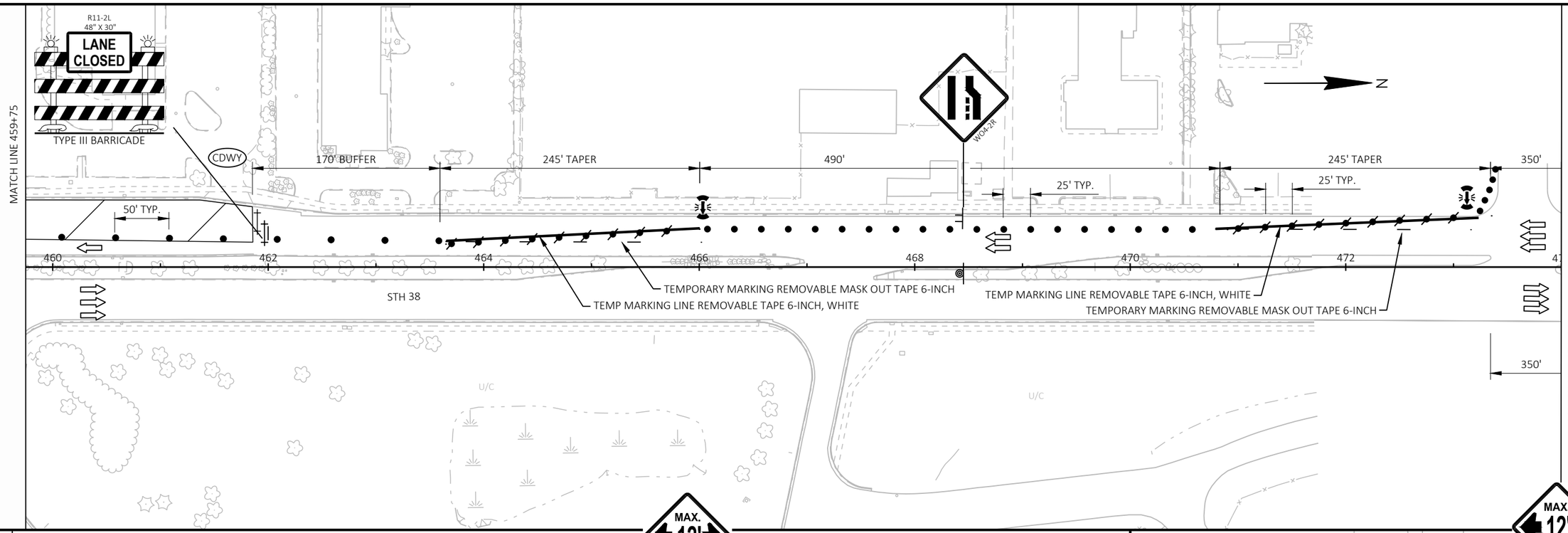
STH 119 WB

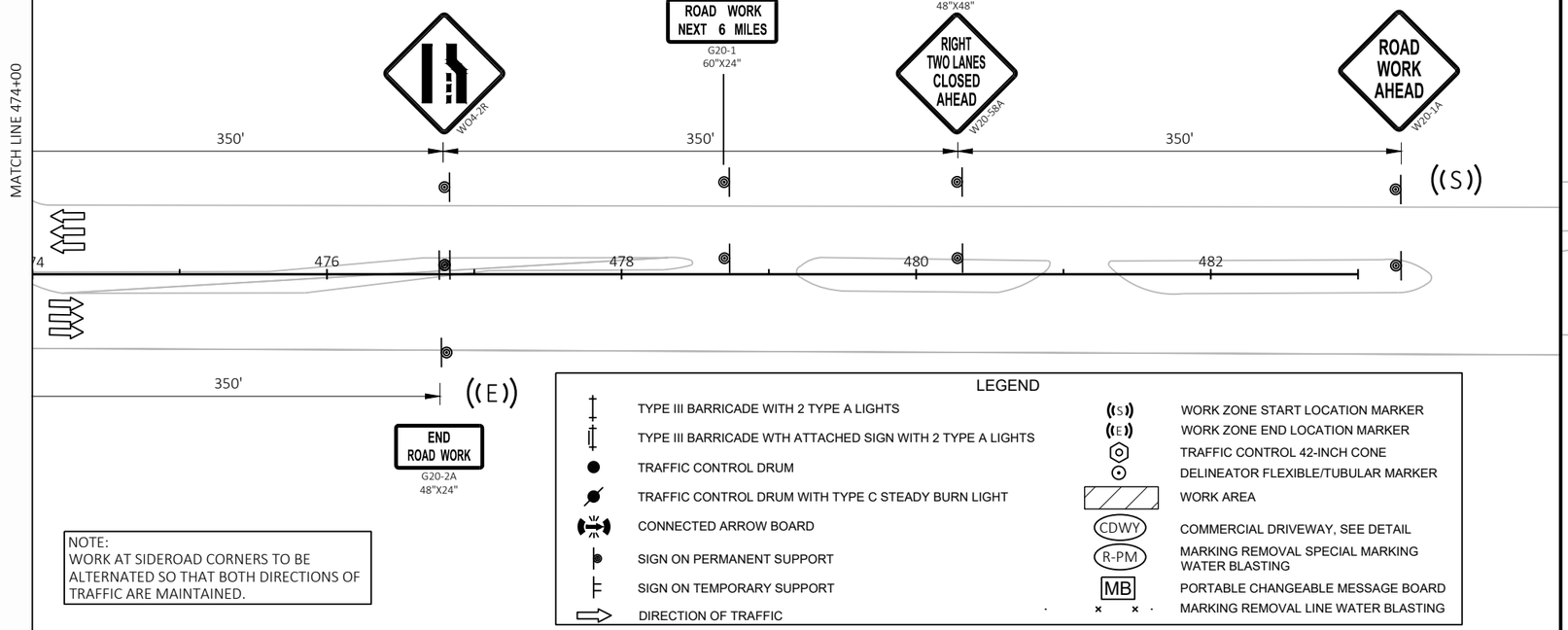
U/C

MATCH LINE 459+75

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 2 MAINLINE	SHEET 438	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\026201-S2.DWG
LAYOUT NAME - 12
PLOT DATE : 7/17/2026 9:28 AM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44





NOTE:
WORK AT SIDEROAD CORNERS TO BE ALTERNATED SO THAT BOTH DIRECTIONS OF TRAFFIC ARE MAINTAINED.

LEGEND

TYPE III BARRICADE WITH 2 TYPE A LIGHTS	((S)) WORK ZONE START LOCATION MARKER
TYPE III BARRICADE WTH ATTACHED SIGN WITH 2 TYPE A LIGHTS	((E)) WORK ZONE END LOCATION MARKER
TRAFFIC CONTROL DRUM	TRAFFIC CONTROL 42-INCH CONE
TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT	DELINEATOR FLEXIBLE/TUBULAR MARKER
CONNECTED ARROW BOARD	WORK AREA
SIGN ON PERMANENT SUPPORT	CDWY COMMERCIAL DRIVEWAY, SEE DETAIL
SIGN ON TEMPORARY SUPPORT	R-PM MARKING REMOVAL SPECIAL MARKING WATER BLASTING
DIRECTION OF TRAFFIC	MB PORTABLE CHANGEABLE MESSAGE BOARD
	MARKING REMOVAL LINE WATER BLASTING

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 2 MAINLINE	SHEET 439	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\026201-52.DWG
LAYOUT NAME - 13
PLOT DATE : 7/17/2026 9:28 AM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

LEGEND

TYPE III BARRICADE WITH 2 TYPE A LIGHTS	WORK ZONE START LOCATION MARKER
TYPE III BARRICADE WTH ATTACHED SIGN WITH 2 TYPE A LIGHTS	WORK ZONE END LOCATION MARKER
TRAFFIC CONTROL DRUM	TRAFFIC CONTROL 42-INCH CONE
TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT	DELINEATOR FLEXIBLE/TUBULAR MARKER
CONNECTED ARROW BOARD	WORK AREA
SIGN ON PERMANENT SUPPORT	COMMERCIAL DRIVEWAY, SEE DETAIL
SIGN ON TEMPORARY SUPPORT	MARKING REMOVAL SPECIAL MARKING WATER BLASTING
DIRECTION OF TRAFFIC	PORTABLE CHANGEABLE MESSAGE BOARD
	MARKING REMOVAL LINE WATER BLASTING

N

134

132

130

128

126

R-PM

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

END ROAD WORK
G20-2A
48"X24"

200'

25' TYP.

BEGIN RIGHT TURN LANE
R3-20R
24"X36"

ONLY ONLY ONLY
COVER

ROAD WORK AHEAD
W20-1A

OAKWOOD RD

50' TYP.

TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH, YELLOW

STH 38

GOLF COURSE

2

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 2 SIDEROADS - OUTSIDE	SHEET 440	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\026202-S2-SIDEROADS OUTSIDE.DWG
LAYOUT NAME - 01
PLOT DATE : 7/17/2026 9:28 AM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

2

LEGEND

- TYPE III BARRICADE WITH 2 TYPE A LIGHTS
- TYPE III BARRICADE WTH ATTACHED SIGN WITH 2 TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- CONNECTED ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- TRAFFIC CONTROL 42-INCH CONE
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- WORK AREA
- CDWY — COMMERCIAL DRIVEWAY, SEE DETAIL
- R-PM — MARKING REMOVAL SPECIAL MARKING WATER BLASTING
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- MARKING REMOVAL LINE WATER BLASTING

N

COVER

R11-2L 48" X 30" LANE CLOSED — TYPE III BARRICADE

BEGIN RIGHT TURN LANE R3-20R 24"X36"

COVER

R11-2L 48" X 30" LANE CLOSED — TYPE III BARRICADE

R11-2L 48" X 30" LANE CLOSED — TYPE III BARRICADE

COVER

STH 100

25' TYP.

96 98 100 102 104 106 108

100' TYP.

R-PM

984' BUFFER

R11-2L 48" X 30" LANE CLOSED — TYPE III BARRICADE

BEGIN RIGHT TURN LANE R3-20R 24"X36"

R11-2L 48" X 30" LANE CLOSED — TYPE III BARRICADE

R-PM

186 184 182 180 178

STH 38

SEE PROJECT 2040-23-70 FOR TRAFFIC CONTROL DETAILS

R11-2L 48" X 30" LANE CLOSED — TYPE III BARRICADE

END ROAD WORK G20-2A 48"X24"

500'

RIGHT TWO LANES CLOSED AHEAD W20-5BA

W04-2R

TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH

TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH

86 88 90

50' TYP.

STH 100

W04-2R

AHEAD — COVER

RIGHT LANE ENDS — COVER

ONLY — COVER

500' 500' 500' 540' TAPER 1156' 540' TAPER

TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH, WHITE

ROAD WORK AHEAD W20-1A

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 2 SIDEROADS - OUTSIDE	SHEET 441	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\026202-S2-SIDEROADS OUTSIDE.DWG
LAYOUT NAME - 02
PLOT DATE : 7/17/2026 9:29 AM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

2

LEGEND

TYPE III BARRICADE WITH 2 TYPE A LIGHTS	WORK ZONE START LOCATION MARKER
TYPE III BARRICADE WTH ATTACHED SIGN WITH 2 TYPE A LIGHTS	WORK ZONE END LOCATION MARKER
TRAFFIC CONTROL DRUM	TRAFFIC CONTROL 42-INCH CONE
TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT	DELINEATOR FLEXIBLE/TUBULAR MARKER
CONNECTED ARROW BOARD	WORK AREA
SIGN ON PERMANENT SUPPORT	COMMERCIAL DRIVEWAY, SEE DETAIL
SIGN ON TEMPORARY SUPPORT	MARKING REMOVAL SPECIAL MARKING WATER BLASTING
DIRECTION OF TRAFFIC	PORTABLE CHANGEABLE MESSAGE BOARD
	MARKING REMOVAL LINE WATER BLASTING

N

226
224
222
220
218
STH 38

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

WO1-6
48" X 24"
TYPE III BARRICADE

COVER

END ROAD WORK
G20-2A
48"X24"

TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH, WHITE

R3-2
24"X24"

200'

CENTENNIAL DR

215' BUFFER

90' TAPER

200'

200'

ROAD WORK AHEAD
W20-1A

WO1-4L

200'

200'

63' TAPER

350' BUFFER

CDWY

25' TYP.

200'

TEMPORARY MARKING REMOVABLE
MASK OUT TAPE 6-INCH

END ROAD WORK
G20-2A
48"X24"

ROAD WORK AHEAD
W20-1A

WO1-4L

WO1-6
48" X 24"
TYPE III BARRICADE

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

COVER

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 2 SIDEROADS - OUTSIDE	SHEET 442	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\026202-S2-SIDEROADS OUTSIDE.DWG
LAYOUT NAME - 03
PLOT DATE : 7/17/2026 9:29 AM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:100 FT

2

2

LEGEND

- TYPE III BARRICADE WITH 2 TYPE A LIGHTS
- TYPE III BARRICADE WTH ATTACHED SIGN WITH 2 TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- CONNECTED ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- TRAFFIC CONTROL 42-INCH CONE
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- WORK AREA
- CDWY — COMMERCIAL DRIVEWAY, SEE DETAIL
- R-PM — MARKING REMOVAL SPECIAL MARKING WATER BLASTING
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- MARKING REMOVAL LINE WATER BLASTING

N

ONLY
COVER

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

DRIVEWAY TO BE CLOSED

W04-2R

RIGHT LANE CLOSED AHEAD
W20-5A

ROAD WORK AHEAD
W20-1A

120' BUFFER
245' TAPER
350'
350'
350'

TEMPORARY MARKING REMOVABLE
MASK OUT TAPE 6-INCH
TEMPORARY MARKING
LINE REMOVABLE TAPE 4-INCH, WHITE

PUETZ RD

END ROAD WORK
G20-2A
48"X24"

236
234
232
230

STH 38

25' TYP.

252' BUFFER

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 2 SIDEROADS - OUTSIDE	SHEET 443	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\026202-S2-SIDEROADS OUTSIDE.DWG
LAYOUT NAME - 04
PLOT DATE : 7/17/2026 9:29 AM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:100 FT

2

LEGEND

TYPE III BARRICADE WITH 2 TYPE A LIGHTS	WORK ZONE START LOCATION MARKER
TYPE III BARRICADE WTH ATTACHED SIGN WITH 2 TYPE A LIGHTS	WORK ZONE END LOCATION MARKER
TRAFFIC CONTROL DRUM	TRAFFIC CONTROL 42-INCH CONE
TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT	DELINEATOR FLEXIBLE/TUBULAR MARKER
CONNECTED ARROW BOARD	WORK AREA
SIGN ON PERMANENT SUPPORT	CDWY — COMMERCIAL DRIVEWAY, SEE DETAIL
SIGN ON TEMPORARY SUPPORT	R-PM — MARKING REMOVAL SPECIAL MARKING WATER BLASTING
DIRECTION OF TRAFFIC	MB — PORTABLE CHANGEABLE MESSAGE BOARD
	MARKING REMOVAL LINE WATER BLASTING

N

2

ROAD WORK AHEAD
W20-1A

RIGHT LANE CLOSED AHEAD
W20-5A

W04-2R

200'

200'

200'

END ROAD WORK
G20-2A
48"X24"

200'

TEMPORARY MARKING
LINE REMOVABLE TAPE 4-INCH, WHITE

FOREST HILL AVE

25' TYP

125' TAPER

118' BUFFER

R11-2L
48" X 30"
LANE CLOSED

TYPE III BARRICADE

RIGHT LANE ENDS

COVER

COVER

264

262

260

258

STH 38

R11-2L
48" X 30"
LANE CLOSED

TYPE III BARRICADE

ONLY

COVER

WO1-6
48" X 24"

TYPE III BARRICADE

120' BUFFER

123' TAPER

350'

350'

WO1-4L

ROAD WORK AHEAD
W20-1A

FOREST HILL AVE

TEMPORARY MARKING
LINE REMOVABLE TAPE 4-INCH, WHITE

350'

TEMPORARY MARKING REMOVABLE
MASK OUT TAPE 4-INCH

END ROAD WORK
G20-2A
48"X24"

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 2 SIDEROADS - OUTSIDE	SHEET 444 E

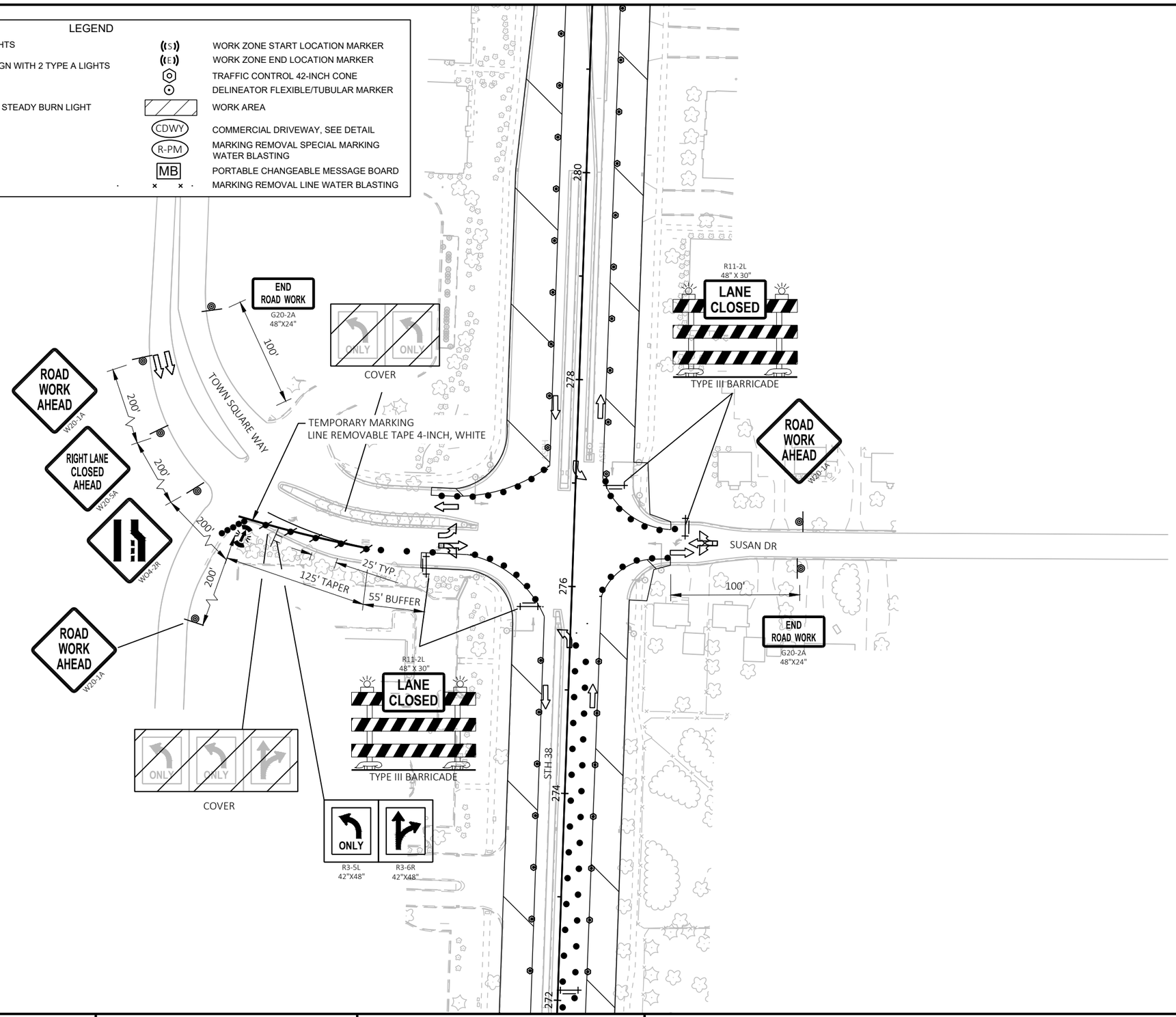
FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\026202-S2-SIDEROADS OUTSIDE.DWG
LAYOUT NAME - 05

PLOT DATE : 7/17/2026 9:29 AM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

LEGEND

- TYPE III BARRICADE WITH 2 TYPE A LIGHTS
- TYPE III BARRICADE WTH ATTACHED SIGN WITH 2 TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- CONNECTED ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- WORK ZONE START LOCATION MARKER (S)
- WORK ZONE END LOCATION MARKER (E)
- TRAFFIC CONTROL 42-INCH CONE
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- WORK AREA
- CDWY — COMMERCIAL DRIVEWAY, SEE DETAIL
- R-PM — MARKING REMOVAL SPECIAL MARKING WATER BLASTING
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- MARKING REMOVAL LINE WATER BLASTING



PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 2 SIDEROADS - OUTSIDE	SHEET 445	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\026202-S2-SIDEROADS OUTSIDE.DWG
LAYOUT NAME - 06
PLOT DATE : 7/17/2026 9:29 AM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:100 FT

2

2

LEGEND

- TYPE III BARRICADE WITH 2 TYPE A LIGHTS
- TYPE III BARRICADE WTH ATTACHED SIGN WITH 2 TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- CONNECTED ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- (S) WORK ZONE START LOCATION MARKER
- (E) WORK ZONE END LOCATION MARKER
- TRAFFIC CONTROL 42-INCH CONE
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- WORK AREA
- CDWY COMMERCIAL DRIVEWAY, SEE DETAIL
- R-PM MARKING REMOVAL SPECIAL MARKING WATER BLASTING
- MB PORTABLE CHANGEABLE MESSAGE BOARD
- MARKING REMOVAL LINE WATER BLASTING

N

292

290

288

286

284

STH 38

ASPH

ONLY ONLY
COVER

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

BEGIN LEFT TURN LANE
R3-20L
24"X36"

TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH

TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH, WHITE

R-PM

DREXEL AVE

25' TYP.

245' TAPER

490' BUFFER

518' BUFFER

245' TAPER

END ROAD WORK
G20-2A
48"X24"

350'

350'

350'

350'

245' TAPER

ROAD WORK AHEAD
W20-1A

RIGHT LANE CLOSED AHEAD
W20-5A

W04-2R

245' TAPER

350'

350'

350'

TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH, WHITE

TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH

350'

END ROAD WORK
G20-2A
48"X24"

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 2 SIDEROADS - OUTSIDE	SHEET 446	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\026202-S2-SIDEROADS OUTSIDE.DWG
LAYOUT NAME - 07
PLOT DATE : 7/17/2026 9:30 AM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- TYPE III BARRICADE WITH 2 TYPE A LIGHTS
- TYPE III BARRICADE WTH ATTACHED SIGN WITH 2 TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- CONNECTED ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- (S) WORK ZONE START LOCATION MARKER
- (E) WORK ZONE END LOCATION MARKER
- TRAFFIC CONTROL 42-INCH CONE
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- WORK AREA
- CDWY COMMERCIAL DRIVEWAY, SEE DETAIL
- R-PM MARKING REMOVAL SPECIAL MARKING WATER BLASTING
- MB PORTABLE CHANGEABLE MESSAGE BOARD
- MARKING REMOVAL LINE WATER BLASTING

N

2

ONLY ONLY COVER

R11-2L 48" X 30" LANE CLOSED TYPE III BARRICADE

ONLY ONLY COVER

R11-2L 48" X 30" LANE CLOSED TYPE III BARRICADE

ONLY ONLY COVER

1478' BUFFER

TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH, WHITE

RAWSON AVE

R-PM

25' TYP.

50' TYP.

50' TYP.

437' BUFFER

320' TAPER

R11-2L 48" X 30" LANE CLOSED TYPE III BARRICADE

BEGIN RIGHT TURN LANE R3-20R 24"X36"

RIGHT LANE MUST TURN RIGHT COVER

R11-2L 48" X 30" LANE CLOSED TYPE III BARRICADE

R-PM

RAWSON AVE

R11-2L 48" X 30" LANE CLOSED TYPE III BARRICADE

ROAD WORK AHEAD W20-1A

RIGHT TWO LANES CLOSED AHEAD W20-5BA

END ROAD WORK G20-2A 48"X24"

TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH

TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH, WHITE

350' 350' 350' 350' 320' TAPER 25' TYP. 847' 320' TAPER

RAWSON AVE

W04-2R W04-2R

ONLY COVER

1478' BUFFER 320' TAPER 350' 350' 350'

W04-2R RIGHT LANE CLOSED AHEAD W20-5A ROAD WORK AHEAD W20-1A

TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH, WHITE

TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH

RAWSON AVE

350'

END ROAD WORK G20-2A 48"X24"

344 342 340 338 336

STH 38 ASPH

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 2 SIDEROADS - OUTSIDE	SHEET 447	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\026202-S2-SIDEROADS OUTSIDE.DWG
LAYOUT NAME - 08
PLOT DATE : 7/17/2026 9:30 AM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

2

LEGEND

- TYPE III BARRICADE WITH 2 TYPE A LIGHTS
- TYPE III BARRICADE WTH ATTACHED SIGN WITH 2 TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- CONNECTED ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- (S) WORK ZONE START LOCATION MARKER
- (E) WORK ZONE END LOCATION MARKER
- TRAFFIC CONTROL 42-INCH CONE
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- WORK AREA
- CDWY COMMERCIAL DRIVEWAY, SEE DETAIL
- R-PM MARKING REMOVAL SPECIAL MARKING WATER BLASTING
- MB PORTABLE CHANGEABLE MESSAGE BOARD
- MARKING REMOVAL LINE WATER BLASTING

N

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

398
396
394
392
390

ASPH

1139' BUFFER

COLLEGE AVE

COLLEGE AVE

R-PM

50' TYP.

2331' BUFFER

END ROAD WORK
G20-2A
48"X24"

350'

6TH ST

TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH

TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH, WHITE

350' 350' 350' 245' TAPER

2331' BUFFER

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

STH 38

ROAD WORK AHEAD W20-1A

RIGHT LANE CLOSED AHEAD W20-5A

W04-2R

320' TAPER

350' 350' 350'

TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH, WHITE

TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH

350'

END ROAD WORK
G20-2A
48"X24"

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 2 SIDEROADS - OUTSIDE	SHEET 448	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\026202-S2-SIDEROADS OUTSIDE.DWG
LAYOUT NAME - 09
PLOT DATE : 7/17/2026 9:30 AM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:100 FT

2

2

LEGEND

- TYPE III BARRICADE WITH 2 TYPE A LIGHTS
- TYPE III BARRICADE WTH ATTACHED SIGN WITH 2 TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- CONNECTED ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- (S) WORK ZONE START LOCATION MARKER
- (E) WORK ZONE END LOCATION MARKER
- TRAFFIC CONTROL 42-INCH CONE
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- WORK AREA
- CDWY COMMERCIAL DRIVEWAY, SEE DETAIL
- R-PM MARKING REMOVAL SPECIAL MARKING WATER BLASTING
- MB PORTABLE CHANGEABLE MESSAGE BOARD
- MARKING REMOVAL LINE WATER BLASTING

N

ROAD WORK AHEAD
W20-1A
200'

LEFT LANE CLOSED AHEAD
W20-5A
200'

W4-2L
200'

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

125' TAPER
55' BUFFER

TEMPORARY MARKING REMOVABLE
MASK OUT TAPE 6-INCH

25' TYP.

TEMPORARY MARKING
LINE REMOVABLE TAPE 6-INCH, WHITE

ONLY ONLY ONLY
COVER

R-PM

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

STH 119 WB

462
460
458
456
454

STH 38

R-PM

END ROAD WORK
G20-2A
48"X24"
200'

GRANGE AVE

TEMPORARY MARKING
LINE REMOVABLE TAPE 4-INCH, WHITE

85' BUFFER
90' TAPER
200'
200'

WO1-6
48" X 24"
TYPE III BARRICADE

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

WO1-4L

ROAD WORK AHEAD
W20-1A

STH 119 EB

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 2 SIDEROADS - OUTSIDE	SHEET 449	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\026202-S2-SIDEROADS OUTSIDE.DWG
LAYOUT NAME - 10
PLOT DATE : 7/17/2026 9:31 AM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:100 FT

LEGEND

- TYPE III BARRICADE WITH 2 TYPE A LIGHTS
- TYPE III BARRICADE WTH ATTACHED SIGN WITH 2 TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- CONNECTED ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- TRAFFIC CONTROL 42-INCH CONE
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- WORK AREA
- CDWY — COMMERCIAL DRIVEWAY, SEE DETAIL
- R-PM — MARKING REMOVAL SPECIAL MARKING WATER BLASTING
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- MARKING REMOVAL LINE WATER BLASTING

N

2

134
132
130
128
126
CONC.
STH 38

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

END ROAD WORK
G20-2A
48"X24"
200'

50' TYP.
OAKWOOD RD

25' TYP.

BEGIN RIGHT TURN LANE
R3-20R
24"X36"

ONLY ONLY ONLY
COVER
63' TAPER
200'

ROAD WORK AHEAD
W20-1A

200'

ROAD WORK AHEAD
W20-1A

ONLY ONLY ONLY
COVER

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

ONLY ONLY ONLY
COVER

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

WO1-6
48" X 24"
TYPE III BARRICADE

200'

END ROAD WORK
G20-2A
48"X24"

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 2 SIDEROADS - INSIDE	SHEET 450	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\026203-S2-SIDEROADS INSIDE.DWG
LAYOUT NAME - 01
PLOT DATE : 7/17/2026 9:31 AM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

LEGEND

- TYPE III BARRICADE WITH 2 TYPE A LIGHTS
- TYPE III BARRICADE WTH ATTACHED SIGN WITH 2 TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- CONNECTED ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- TRAFFIC CONTROL 42-INCH CONE
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- WORK AREA
- CDWY — COMMERCIAL DRIVEWAY, SEE DETAIL
- R-PM — MARKING REMOVAL SPECIAL MARKING WATER BLASTING
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- MARKING REMOVAL LINE WATER BLASTING

NOTE:
WORK AT SIDEROADS CORNERS TO BE ALTERNATED SO THAT BOTH DIRECTIONS OF TRAFFIC ARE FACILITATED.

N

2

BEGIN RIGHT TURN LANE
R3-20R
24"X36"

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

BEGIN LEFT TURN LANE
R3-20L
24"X36"

END ROAD WORK
G20-2A
48"X24"

ONLY
COVER

500'

STH 100

25' TYP.

1053' BUFFER

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

ROAD WORK AHEAD
W20-1A

LEFT LANE CLOSED AHEAD
W20-5A

W04-2L

STH 100

TEMPORARY MARKING
LINE REMOVABLE TAPE 6-INCH, YELLOW

TEMPORARY MARKING
LINE REMOVABLE TAPE 6-INCH, YELLOW

500' 500' 500' 540' TAPER

AHEAD
COVER

RIGHT LANE ENDS
COVER

186
184
182
180
178

STH 38

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

STH 100

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 2 SIDEROADS - INSIDE	SHEET 451	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\026203-S2-SIDEROADS INSIDE.DWG
LAYOUT NAME - 02
PLOT DATE : 7/17/2026 9:31 AM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:100 FT

2

LEGEND

- TYPE III BARRICADE WITH 2 TYPE A LIGHTS
- TYPE III BARRICADE WTH ATTACHED SIGN WITH 2 TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- CONNECTED ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- TRAFFIC CONTROL 42-INCH CONE
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- WORK AREA
- CDWY — COMMERCIAL DRIVEWAY, SEE DETAIL
- R-PM — MARKING REMOVAL SPECIAL MARKING WATER BLASTING
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- MARKING REMOVAL LINE WATER BLASTING

N

END ROAD WORK
G20-2A
48"X24"

200'

200'

ROAD WORK AHEAD
W20-1A

R3-2
24"X24"

R3-2
24"X24"

CENTENNIAL DR

25' TYP.

COVER

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

226

224

222

220

218

STH 38

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

R3-2
24"X24"

COVER

TYPE III BARRICADE

120' BUFFER

90' TAPER

200'

200'

WO1-4R

ROAD WORK AHEAD
W20-1A

CENTENNIAL DR

TEMPORARY MARKING LINE REMOVABLE
TAPE 4-INCH, YELLOW

200'

END ROAD WORK
G20-2A
48"X24"

WO1-6
48" X 24"
TYPE III BARRICADE

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 2 SIDEROADS - INSIDE	SHEET 452	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\026203-S2-SIDEROADS INSIDE.DWG
LAYOUT NAME - 03
PLOT DATE : 7/17/2026 9:31 AM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:100 FT

2

LEGEND

- TYPE III BARRICADE WITH 2 TYPE A LIGHTS
- TYPE III BARRICADE WTH ATTACHED SIGN WITH 2 TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- CONNECTED ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- (S) WORK ZONE START LOCATION MARKER
- (E) WORK ZONE END LOCATION MARKER
- TRAFFIC CONTROL 42-INCH CONE
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- WORK AREA
- CDWY COMMERCIAL DRIVEWAY, SEE DETAIL
- R-PM MARKING REMOVAL SPECIAL MARKING WATER BLASTING
- MB PORTABLE CHANGEABLE MESSAGE BOARD
- MARKING REMOVAL LINE WATER BLASTING

N

STH 38

238

236

234

232

230

ASPH

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

1320' BUFFER

PUETZ RD

50' TYP.

786' BUFFER

END ROAD WORK
G20-2A
48"X24"

350'

TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH, YELLOW

25' TYP.

TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH

350' 350' 350' 245' TAPER

ROAD WORK AHEAD W20-1A

LEFT LANE CLOSED AHEAD W20-5A

W04-2L

TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH

1320' BUFFER

245' TAPER 350' 350' 350'

25' TYP.

TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH, YELLOW

350'

END ROAD WORK
G20-2A
48"X24"

ROAD WORK AHEAD W20-1A

LEFT LANE CLOSED AHEAD W20-5A

W04-2L

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 2 SIDEROADS - INSIDE	SHEET 453	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\026203-S2-SIDEROADS INSIDE.DWG
LAYOUT NAME - 04

PLOT DATE : 7/17/2026 9:32 AM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- TYPE III BARRICADE WITH 2 TYPE A LIGHTS
- TYPE III BARRICADE WTH ATTACHED SIGN WITH 2 TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- CONNECTED ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- TRAFFIC CONTROL 42-INCH CONE
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- WORK AREA
- CDWY — COMMERCIAL DRIVEWAY, SEE DETAIL
- R-PM — MARKING REMOVAL SPECIAL MARKING WATER BLASTING
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- MARKING REMOVAL LINE WATER BLASTING

N

TEMPORARY MARKING LINE REMOVABLE
TAPE 4-INCH, YELLOW

END ROAD WORK
G20-2A
48"X24"

R3-2
24"X24"

FOREST HILL AVE

200'

200'

200'

200'

ROAD WORK AHEAD
W20-1A

LEFT LANE CLOSED AHEAD
W20-5A

W04-2L

125' TAPER

25' TYP.

235' BUFFER

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

R3-2
24"X24"

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

COVER

WO1-6
48" X 24"
TYPE III BARRICADE

ROAD WORK AHEAD
W20-1A

350'

FOREST HILL AVE

350'

END ROAD WORK
G20-2A
48"X24"

264

262

260

258

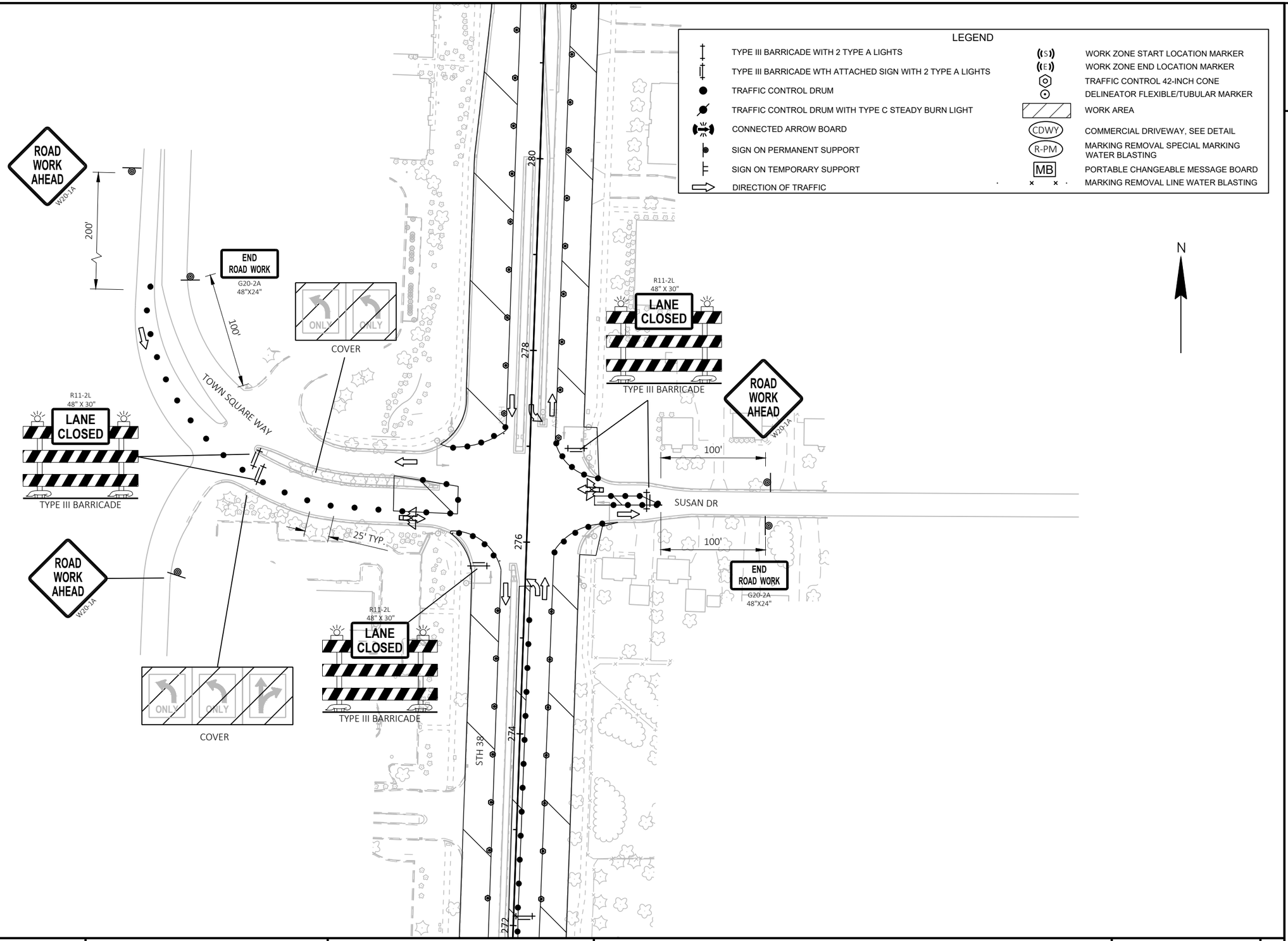
STH 38

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 2 SIDEROADS - INSIDE	SHEET 454	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\026203-S2-SIDEROADS INSIDE.DWG
LAYOUT NAME - 05

PLOT DATE : 7/17/2026 9:32 AM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1 IN:100 FT

2



PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 2 SIDEROADS - INSIDE	SHEET 455	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\026203-S2-SIDEROADS INSIDE.DWG
LAYOUT NAME - 06
PLOT DATE : 7/17/2026 9:32 AM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

2

LEGEND

- TYPE III BARRICADE WITH 2 TYPE A LIGHTS
- TYPE III BARRICADE WTH ATTACHED SIGN WITH 2 TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- CONNECTED ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- (S) WORK ZONE START LOCATION MARKER
- (E) WORK ZONE END LOCATION MARKER
- TRAFFIC CONTROL 42-INCH CONE
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- WORK AREA
- CDWY COMMERCIAL DRIVEWAY, SEE DETAIL
- R-PM MARKING REMOVAL SPECIAL MARKING WATER BLASTING
- MB PORTABLE CHANGEABLE MESSAGE BOARD
- MARKING REMOVAL LINE WATER BLASTING

N

STH 38

292'

290'

288'

286'

284'

ASPH

ASPH

ONLY

ONLY

COVER

R11-2L
48" X 30"
LANE CLOSED

TYPE III BARRICADE

R11-2L
48" X 30"
LANE CLOSED

TYPE III BARRICADE

R3-2
24"X24"

206' BUFFER

245' TAPER

350'

TEMPORARY MARKING LINE
REMOVABLE TAPE 4-INCH, YELLOW

DREXEL AVE

25' TYP.

1190' BUFFER

BEGIN LEFT TURN LANE
R3-20L
24"X36"

R11-2L
48" X 30"
LANE CLOSED

TYPE III BARRICADE

END ROAD WORK
G20-2A
48"X24"

DREXEL AVE

350'

350'

BEGIN LEFT TURN LANE
R3-20L
24"X36"

ONLY

ONLY

COVER

350'

350'

350'

350'

245' TAPER

TEMPORARY MARKING LINE
REMOVABLE TAPE 4-INCH, YELLOW

TEMPORARY MARKING
REMOVABLE MASK OUT
TAPE 6-INCH

ROAD WORK AHEAD
W20-1A

LEFT LANE CLOSED AHEAD
W20-5SA

W04-2L

ONLY

ONLY

COVER

W04-2L

LEFT LANE CLOSED AHEAD
W20-5SA

ROAD WORK AHEAD
W20-1A

350'

350'

350'

DREXEL AVE

350'

END ROAD WORK
G20-2A
48"X24"

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 2 SIDEROADS - INSIDE	SHEET 456	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\026203-S2-SIDEROADS INSIDE.DWG
LAYOUT NAME - 07
PLOT DATE : 7/17/2026 9:32 AM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:100 FT

2

LEGEND

- TYPE III BARRICADE WITH 2 TYPE A LIGHTS
- TYPE III BARRICADE WTH ATTACHED SIGN WITH 2 TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- CONNECTED ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- TRAFFIC CONTROL 42-INCH CONE
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- WORK AREA
- CDWY — COMMERCIAL DRIVEWAY, SEE DETAIL
- R-PM — MARKING REMOVAL SPECIAL MARKING WATER BLASTING
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- MARKING REMOVAL LINE WATER BLASTING

NOTE:
WORK AT SIDEROADS CORNERS TO BE ALTERNATED SO THAT BOTH DIRECTIONS OF TRAFFIC ARE FACILITATED.

N

2

COVER

R11-2L 48" X 30" LANE CLOSED — TYPE III BARRICADE

STH 38

RAWSON AVE

25' TYP.

50' TYP.

660' BUFFER

530' BUFFER

320' TAPER

BEGIN LEFT TURN LANE R3-20L 24"X36"

BEGIN RIGHT TURN LANE R3-20R 24"X36"

ROAD WORK AHEAD W20-1A

LEFT LANE CLOSED AHEAD W20-5SA

W04-2L

END ROAD WORK G20-2A 48"X24"

350'

TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH, YELLOW

TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH

W20-1A

W20-5SA

W20-1A

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 2 SIDEROADS - INSIDE	SHEET 457	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\026203-S2-SIDEROADS INSIDE.DWG
LAYOUT NAME - 08
PLOT DATE : 7/17/2026 9:33 AM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

2

LEGEND

- TYPE III BARRICADE WITH 2 TYPE A LIGHTS
- TYPE III BARRICADE WTH ATTACHED SIGN WITH 2 TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- CONNECTED ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- WORK ZONE START LOCATION MARKER (S)
- WORK ZONE END LOCATION MARKER (E)
- TRAFFIC CONTROL 42-INCH CONE
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- WORK AREA
- CDWY — COMMERCIAL DRIVEWAY, SEE DETAIL
- R-PM — MARKING REMOVAL SPECIAL MARKING WATER BLASTING
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- MARKING REMOVAL LINE WATER BLASTING

N

398

396

394

392

390

STH 38

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

215' BUFFER

320' TAPER

350'

TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH

TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH, YELLOW

COLLEGE AVE

TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH, YELLOW

TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH

50' TYP.

25' TYP.

245' TAPER

440' BUFFER

350'

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

END ROAD WORK
G20-2A
48"X24"

350'

COLLEGE AVE

TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH, YELLOW

TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH

350' 350' 350' 245' TAPER

ROAD WORK AHEAD W20-1A

LEFT LANE CLOSED AHEAD W20-5SA

W04-2L

W04-2L

LEFT LANE CLOSED AHEAD W20-5SA

ROAD WORK AHEAD W20-1A

350' 350' 350'

COLLEGE AVE

350'

END ROAD WORK
G20-2A
48"X24"

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 2 SIDEROADS - INSIDE	SHEET 458	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\026203-S2-SIDEROADS INSIDE.DWG
LAYOUT NAME - 09

PLOT DATE : 7/17/2026 9:33 AM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

LEGEND

- TYPE III BARRICADE WITH 2 TYPE A LIGHTS
- TYPE III BARRICADE WTH ATTACHED SIGN WITH 2 TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- CONNECTED ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- (S) WORK ZONE START LOCATION MARKER
- (E) WORK ZONE END LOCATION MARKER
- TRAFFIC CONTROL 42-INCH CONE
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- WORK AREA
- CDWY COMMERCIAL DRIVEWAY, SEE DETAIL
- R-PM MARKING REMOVAL SPECIAL MARKING WATER BLASTING
- MB PORTABLE CHANGEABLE MESSAGE BOARD
- MARKING REMOVAL LINE WATER BLASTING

ROAD WORK AHEAD W20-1A
200'
RIGHT LANE CLOSED AHEAD W20-5A
200'
W04-2R
200'
N
U/C
462
460
458
456
454
STH 38
R11-2L 48" X 30"
LANE CLOSED
TYPE III BARRICADE
125' TAPER
90' BUFFER
TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH
TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH, WHITE
END ROAD WORK G20-2A 48"X24"
200'
GRANGE AVE
25' TYP.
ONLY ONLY ONLY
COVER
STH 119 WB
R11-2L 48" X 30"
LANE CLOSED
TYPE III BARRICADE
200'
R11-2L 48" X 30"
LANE CLOSED
TYPE III BARRICADE
ROAD WORK AHEAD W20-1A
STH 119 EB

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 2 SIDEROADS - INSIDE	SHEET 459	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\026203-S2-SIDEROADS INSIDE.DWG
LAYOUT NAME - 10
PLOT DATE : 7/17/2026 9:33 AM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:100 FT

NOTE:
WORK AT SIDEROADS CORNERS TO BE ALTERNATED SO THAT BOTH DIRECTIONS OF TRAFFIC ARE FACILITATED.

MATCH LINE 193+75

MATCH LINE 208+50

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

ROAD WORK AHEAD
W20-1A

200'

OAK LEAF DR

END ROAD WORK
G20-2A
48"X24"

50' TYP.

STH 38

194 196 198 200 202 204 206 208

OAK CREEK PKWY

OAK CREEK

ASPH

N

MATCH LINE 208+50

CDWY

210 212 214 216 218 220 222

540' TAPER

500'

CENTENNIAL DR

TEMP MARKING LINE REMOVABLE TAPE 6-INCH WHITE

SEE TRAFFIC CONTROL
STAGE 2 SIDEROADS - PEAK HOURS

MATCH LINE 223+25

LEGEND

- TYPE III BARRICADE WITH 2 TYPE A LIGHTS
- TYPE III BARRICADE WTH ATTACHED SIGN WITH 2 TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- CONNECTED ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- TRAFFIC CONTROL 42-INCH CONE
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- WORK AREA
- CDWY — COMMERCIAL DRIVEWAY, SEE DETAIL
- R-PM — MARKING REMOVAL SPECIAL MARKING WATER BLASTING
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- MARKING REMOVAL LINE WATER BLASTING

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 2 MAINLINE - PEAK HOURS	SHEET 460	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\026204-S2 PEAK HOURS.DWG
LAYOUT NAME - 04
PLOT DATE : 7/17/2026 9:33 AM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

2

NOTE:
WORK AT SIDEROADS CORNERS TO BE ALTERNATED SO THAT BOTH DIRECTIONS OF TRAFFIC ARE FACILITATED.

W04-2R

RIGHT LANE CLOSED AHEAD
W20-5A

MATCH LINE 223+25

500'

500'

50' TYP.

PUETZ RD

N

STH 38

224 226 228 230 232 234 236

ASPH

CDWY

CDWY

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

SEE TRAFFIC CONTROL
STAGE 2 SIDEROADS - PEAK HOURS

MATCH LINE 238+00

LEGEND

TYPE III BARRICADE WITH 2 TYPE A LIGHTS	WORK ZONE START LOCATION MARKER
TYPE III BARRICADE WTH ATTACHED SIGN WITH 2 TYPE A LIGHTS	WORK ZONE END LOCATION MARKER
TRAFFIC CONTROL DRUM	TRAFFIC CONTROL 42-INCH CONE
TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT	DELINEATOR FLEXIBLE/TUBULAR MARKER
CONNECTED ARROW BOARD	WORK AREA
SIGN ON PERMANENT SUPPORT	CDWY — COMMERCIAL DRIVEWAY, SEE DETAIL
SIGN ON TEMPORARY SUPPORT	R-PM — MARKING REMOVAL SPECIAL MARKING WATER BLASTING
DIRECTION OF TRAFFIC	MB — PORTABLE CHANGEABLE MESSAGE BOARD
	MARKING REMOVAL LINE WATER BLASTING

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

MATCH LINE 238+00

CDWY

CDWY

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

N

STH 38

238 240 242 244 246 248 250 252

ASPH

CDWY

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

END ROAD WORK
G20-2A
48"X24"

GROVELAND DR

200'

ROAD WORK AHEAD
W20-1A

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

MATCH LINE 252+75

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 2 MAINLINE - PEAK HOURS	SHEET 461	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\026204-S2 PEAK HOURS.DWG
LAYOUT NAME - 05
PLOT DATE : 7/17/2026 9:34 AM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

2

2

LEGEND

TYPE III BARRICADE WITH 2 TYPE A LIGHTS	WORK ZONE START LOCATION MARKER
TYPE III BARRICADE WTH ATTACHED SIGN WITH 2 TYPE A LIGHTS	WORK ZONE END LOCATION MARKER
TRAFFIC CONTROL DRUM	TRAFFIC CONTROL 42-INCH CONE
TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT	DELINEATOR FLEXIBLE/TUBULAR MARKER
CONNECTED ARROW BOARD	WORK AREA
SIGN ON PERMANENT SUPPORT	CDWY — COMMERCIAL DRIVEWAY, SEE DETAIL
SIGN ON TEMPORARY SUPPORT	R-PM — MARKING REMOVAL SPECIAL MARKING WATER BLASTING
DIRECTION OF TRAFFIC	MB — PORTABLE CHANGEABLE MESSAGE BOARD
	MARKING REMOVAL LINE WATER BLASTING

NOTE:
WORK AT SIDEROADS CORNERS TO BE ALTERNATED SO THAT BOTH DIRECTIONS OF TRAFFIC ARE FACILITATED.

N

MATCH LINE 252+75

STH 38

FOREST HILL AVE

COVER

ASPH

254 256 258 260 262 264 266

U/C

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

SEE TRAFFIC CONTROL
STAGE 2 SIDEROADS - PEAK HOURS

MATCH LINE 267+50

ROAD WORK AHEAD
W20-1A

END ROAD WORK
G20-2A
48"X24"

OAKFIELD DR

200'

50' TYP.

CDWY

TOWN SQUARE WAY

25' TYP.

268 270 272 274 276 278 280 282

SUSAN DR

MATCH LINE 282+25

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 2 MAINLINE - PEAK HOURS	SHEET 462	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\026204-S2 PEAK HOURS.DWG
LAYOUT NAME - 06
PLOT DATE : 7/17/2026 9:34 AM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

MATCH LINE 282+25

DREXEL AVE

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

N

CDWY

50' TYP

TENNIS COURT

ASPH

STH 38

284 286 288 290 292 294 296

ASPH

CDWY

500'

CEM

MATCH LINE 297+00

NOTE:
WORK AT SIDEROADS CORNERS TO BE ALTERNATED SO THAT BOTH DIRECTIONS OF TRAFFIC ARE FACILITATED.

SEE TRAFFIC CONTROL
STAGE 2 SIDEROADS - PEAK HOURS

DREXEL AVE

RIGHT LANE CLOSED AHEAD
W20-5A

2

MATCH LINE 297+00

LEGEND

- TYPE III BARRICADE WITH 2 TYPE A LIGHTS
- TYPE III BARRICADE WTH ATTACHED SIGN WITH 2 TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- CONNECTED ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- (S) WORK ZONE START LOCATION MARKER
- (E) WORK ZONE END LOCATION MARKER
- TRAFFIC CONTROL 42-INCH CONE
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- WORK AREA
- CDWY COMMERCIAL DRIVEWAY, SEE DETAIL
- R-PM MARKING REMOVAL SPECIAL MARKING WATER BLASTING
- MB PORTABLE CHANGEABLE MESSAGE BOARD
- MARKING REMOVAL LINE WATER BLASTING

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

N

CDWY

CDWY

ASPH

STH 38

298 300 302 304 306 308 310

ASPH

TEMP MARKING LINE REMOVABLE
TAPE 6-INCH, WHITE

500'

500'

540' TAPER

W04-2R

FIELDSTONE CIR

200'

ROAD WORK AHEAD
W20-1A

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

END ROAD WORK
G20-2A
48"X24"

END ROAD WORK
G20-2A
48"X24"

MANITOBA AVE

200'

ROAD WORK AHEAD
W20-1A

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

MATCH LINE 311+75

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 2 MAINLINE - PEAK HOURS	SHEET 463	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\026204-52 PEAK HOURS.DWG
LAYOUT NAME - 07

PLOT DATE : 7/17/2026 9:34 AM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

LEGEND

- TYPE III BARRICADE WITH 2 TYPE A LIGHTS
- TYPE III BARRICADE WTH ATTACHED SIGN WITH 2 TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- CONNECTED ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- (S) WORK ZONE START LOCATION MARKER
- (E) WORK ZONE END LOCATION MARKER
- TRAFFIC CONTROL 42-INCH CONE
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- WORK AREA
- CDWY COMMERCIAL DRIVEWAY, SEE DETAIL
- R-PM MARKING REMOVAL SPECIAL MARKING WATER BLASTING
- MB PORTABLE CHANGEABLE MESSAGE BOARD
- MARKING REMOVAL LINE WATER BLASTING

N

END ROAD WORK
G20-2A
48"X24"

TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH, WHITE

R3-2
24"X24"

200'

CENTENNIAL DR

R-PM

200' 200' 63' TAPER 350' BUFFER

ROAD WORK AHEAD
W20-1A

WO1-4L

WO1-6
48" X 24"

TYPE III BARRICADE

R11-2L
48" X 30"
LANE CLOSED

CDWY

COVER
ONLY

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

226
224
222
220
218

ASPH

STH 38

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

WO1-6
48" X 24"
TYPE III BARRICADE

COVER
ONLY

215' BUFFER 90' TAPER 200' 200'

ROAD WORK AHEAD
WO1-4L W20-1A

TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH, WHITE

CENTENNIAL DR

TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH

25' TYP.

R-PM

200'

END ROAD WORK
G20-2A
48"X24"

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 2 SIDEROADS - OUTSIDE PEAK HOURS	SHEET 464	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\026205-S2-SIDEROADS OUTSIDE PEAK HOURS.DWG
LAYOUT NAME - 03
PLOT DATE : 7/17/2026 9:35 AM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

2

LEGEND

- TYPE III BARRICADE WITH 2 TYPE A LIGHTS
- TYPE III BARRICADE WTH ATTACHED SIGN WITH 2 TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- CONNECTED ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- TRAFFIC CONTROL 42-INCH CONE
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- WORK AREA
- CDWY — COMMERCIAL DRIVEWAY, SEE DETAIL
- R-PM — MARKING REMOVAL SPECIAL MARKING WATER BLASTING
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- MARKING REMOVAL LINE WATER BLASTING

N

ONLY
COVER

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

DRIVEWAY TO BE CLOSED

W04-2R

RIGHT LANE CLOSED AHEAD
W20-5A

ROAD WORK AHEAD
W20-1A

120' BUFFER
245' TAPER
350'
350'
350'

END ROAD WORK
G20-2A
48"X24"

TEMPORARY MARKING
LINE REMOVABLE TAPE 4-INCH, WHITE

TEMPORARY MARKING REMOVABLE
MASK OUT TAPE 6-INCH

PUETZ RD

236
234
232
230

STH 38

ASPH

25' TYP.

252' BUFFER

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 2 SIDEROADS - OUTSIDE PEAK HOURS	SHEET 465	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\026205-S2-SIDEROADS OUTSIDE PEAK HOURS.DWG
LAYOUT NAME - 04
PLOT DATE : 7/17/2026 9:35 AM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

LEGEND

TYPE III BARRICADE WITH 2 TYPE A LIGHTS	WORK ZONE START LOCATION MARKER
TYPE III BARRICADE WTH ATTACHED SIGN WITH 2 TYPE A LIGHTS	WORK ZONE END LOCATION MARKER
TRAFFIC CONTROL DRUM	TRAFFIC CONTROL 42-INCH CONE
TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT	DELINEATOR FLEXIBLE/TUBULAR MARKER
CONNECTED ARROW BOARD	WORK AREA
SIGN ON PERMANENT SUPPORT	COMMERCIAL DRIVEWAY, SEE DETAIL
SIGN ON TEMPORARY SUPPORT	MARKING REMOVAL SPECIAL MARKING WATER BLASTING
DIRECTION OF TRAFFIC	PORTABLE CHANGEABLE MESSAGE BOARD
	MARKING REMOVAL LINE WATER BLASTING

N

2

END ROAD WORK
G20-2A
48"X24"

200'

200'

200'

200'

ROAD WORK AHEAD
W20-1A

RIGHT LANE CLOSED AHEAD
W20-5A

W04-2R

FOREST HILL AVE

TEMPORARY MARKING
LINE REMOVABLE TAPE 4-INCH, WHITE

FLEXIBLE TUBULAR MARKERS

R-PM

50' TYP.

25' TYP.

125' TAPER

118' BUFFER

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

RIGHT LANE ENDS
COVER

264

262

260

258

ASPH

ASPH

STH 38

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

ONLY
COVER

WO1-6
48" X 24"
TYPE III BARRICADE

120' BUFFER

123' TAPER

350'

350'

WO1-4L

ROAD WORK AHEAD
W20-1A

TEMPORARY MARKING REMOVABLE
MASK OUT TAPE 6-INCH

FOREST HILL AVE

50' TYP.

R-PM

FLEXIBLE TUBULAR MARKERS

TEMPORARY MARKING
LINE REMOVABLE TAPE 4-INCH, WHITE

TEMPORARY MARKING REMOVABLE
MASK OUT TAPE 10-INCH

350'

END ROAD WORK
G20-2A
48"X24"

SEE STANDARD DETAIL DRAWING "TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION"

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 2 SIDEROADS - OUTSIDE PEAK HOURS	SHEET 466	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\026205-S2-SIDEROADS OUTSIDE PEAK HOURS.DWG
LAYOUT NAME - 05
PLOT DATE : 7/17/2026 9:35 AM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:100 FT

2

2

LEGEND

- TYPE III BARRICADE WITH 2 TYPE A LIGHTS
- TYPE III BARRICADE WTH ATTACHED SIGN WITH 2 TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- CONNECTED ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- TRAFFIC CONTROL 42-INCH CONE
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- WORK AREA
- CDWY — COMMERCIAL DRIVEWAY, SEE DETAIL
- R-PM — MARKING REMOVAL SPECIAL MARKING WATER BLASTING
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- MARKING REMOVAL LINE WATER BLASTING

N

ROAD WORK AHEAD W20-1A

RIGHT LANE CLOSED AHEAD W20-5A

W04-2R

ROAD WORK AHEAD W20-1A

200'

200'

200'

200'

TOWN SQUARE WAY

100'

END ROAD WORK G20-2A 48"X24"

ONLY ONLY

COVER

TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH, WHITE

TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH

R-PM

R-PM

25' TYP.

125' TAPER

55' BUFFER

R11-2L 48" X 30" LANE CLOSED

TYPE III BARRICADE

R11-2L 48" X 30" LANE CLOSED

TYPE III BARRICADE

ONLY

R3-5L 42"X48"

R3-6V 42"X48"

ONLY ONLY

COVER

280

278

276

274

272

STH 38

ASPH

ASPH

ROAD WORK AHEAD W20-1A

R-PM

SUSAN DR

100'

END ROAD WORK G20-2A 48"X24"

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 2 SIDEROADS - OUTSIDE PEAK HOURS	SHEET 467	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\026205-S2-SIDEROADS OUTSIDE PEAK HOURS.DWG PLOT DATE : 7/17/2026 9:35 AM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1 IN:100 FT

LAYOUT NAME - 06

WISDOT/CADDS SHEET 42

2

2

LEGEND

- TYPE III BARRICADE WITH 2 TYPE A LIGHTS
- TYPE III BARRICADE WTH ATTACHED SIGN WITH 2 TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- CONNECTED ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- (S) WORK ZONE START LOCATION MARKER
- (E) WORK ZONE END LOCATION MARKER
- TRAFFIC CONTROL 42-INCH CONE
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- WORK AREA
- CDWY COMMERCIAL DRIVEWAY, SEE DETAIL
- R-PM MARKING REMOVAL SPECIAL MARKING WATER BLASTING
- MB PORTABLE CHANGEABLE MESSAGE BOARD
- MARKING REMOVAL LINE WATER BLASTING

N

292

290

288

286

284

STH 38

DREXEL AVE

DELCO DR

VERDEV DR

ONLY ONLY
COVER

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

BEGIN LEFT TURN LANE
R3-20L
24"X36"

TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH

TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH, WHITE

50' TYP.

245' TAPER

490' BUFFER

518' BUFFER

END ROAD WORK
G20-2A
48"X24"

350'

ROAD WORK AHEAD
W20-1A

RIGHT LANE CLOSED AHEAD
W20-5A

W04-2R

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 2 SIDEROADS - OUTSIDE PEAK HOURS	SHEET 468	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\026205-S2-SIDEROADS OUTSIDE PEAK HOURS.DWG PLOT DATE : 7/17/2026 9:35 AM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1 IN:100 FT
LAYOUT NAME - 07
WISDOT/CADDS SHEET 42

2

2

LEGEND

TYPE III BARRICADE WITH 2 TYPE A LIGHTS	WORK ZONE START LOCATION MARKER
TYPE III BARRICADE WTH ATTACHED SIGN WITH 2 TYPE A LIGHTS	WORK ZONE END LOCATION MARKER
TRAFFIC CONTROL DRUM	TRAFFIC CONTROL 42-INCH CONE
TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT	DELINEATOR FLEXIBLE/TUBULAR MARKER
CONNECTED ARROW BOARD	WORK AREA
SIGN ON PERMANENT SUPPORT	COMMERCIAL DRIVEWAY, SEE DETAIL
SIGN ON TEMPORARY SUPPORT	MARKING REMOVAL SPECIAL MARKING WATER BLASTING
DIRECTION OF TRAFFIC	PORTABLE CHANGEABLE MESSAGE BOARD
	MARKING REMOVAL LINE WATER BLASTING

N

END ROAD WORK
G20-2A
48"X24"

200'

200'

ROAD WORK AHEAD
W20-1A

R3-2
24"X24"

R3-2
24"X24"

CENTENNIAL DR

25' TYP.

R3-2
24"X24"

R11-2L
48" X 30"

LANE CLOSED

TYPE III BARRICADE

ONLY

COVER

226

224

222

220

218

STH 38

ASPH

ASPH

R3-2
24"X24"

R11-2L
48" X 30"

LANE CLOSED

TYPE III BARRICADE

ONLY

COVER

120' BUFFER

90' TAPER

200'

200'

WO1-4R

ROAD WORK AHEAD
W20-1A

CENTENNIAL DR

25' TYP.

TEMPORARY MARKING LINE REMOVABLE
TAPE 4-INCH, YELLOW

200'

END ROAD WORK
G20-2A
48"X24"

WO1-6
48" X 24"

TYPE III BARRICADE

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 2 SIDEROADS - INSIDE PEAK HOURS	SHEET 469 E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\026206-S2_SIDEROADS INSIDE PEAK HOURS.DWG PLOT DATE : 7/17/2026 9:36 AM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1 IN:100 FT
LAYOUT NAME - 03

LEGEND

- TYPE III BARRICADE WITH 2 TYPE A LIGHTS
- TYPE III BARRICADE WTH ATTACHED SIGN WITH 2 TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- CONNECTED ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- (S) WORK ZONE START LOCATION MARKER
- (E) WORK ZONE END LOCATION MARKER
- TRAFFIC CONTROL 42-INCH CONE
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- WORK AREA
- CDWY COMMERCIAL DRIVEWAY, SEE DETAIL
- R-PM MARKING REMOVAL SPECIAL MARKING WATER BLASTING
- MB PORTABLE CHANGEABLE MESSAGE BOARD
- MARKING REMOVAL LINE WATER BLASTING

N

STH 38

238

236

234

232

230

ASPH

ASPH

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

1320' BUFFER

PUETZ RD

50' TYP.

786' BUFFER

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

PUETZ RD

END ROAD WORK
G20-2A
48"X24"

350'

TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH, YELLOW

25' TYP.

TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH

350' 350' 350' 245' TAPER

ROAD WORK AHEAD W20-1A

LEFT LANE CLOSED AHEAD W20-5SA

W04-2L

TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH

LEFT LANE CLOSED AHEAD W20-5SA

ROAD WORK AHEAD W20-1A

W04-2L

1320' BUFFER

245' TAPER 350' 350' 350'

25' TYP.

TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH, YELLOW

350'

END ROAD WORK
G20-2A
48"X24"

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 2 SIDEROADS - INSIDE PEAK HOURS	SHEET 470	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\026206-S2_SIDEROADS INSIDE PEAK HOURS.DWG PLOT DATE : 7/17/2026 9:36 AM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1 IN:100 FT
LAYOUT NAME - 04
WISDOT/CADDS SHEET 42

2

LEGEND

TYPE III BARRICADE WITH 2 TYPE A LIGHTS	WORK ZONE START LOCATION MARKER
TYPE III BARRICADE WTH ATTACHED SIGN WITH 2 TYPE A LIGHTS	WORK ZONE END LOCATION MARKER
TRAFFIC CONTROL DRUM	TRAFFIC CONTROL 42-INCH CONE
TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT	DELINEATOR FLEXIBLE/TUBULAR MARKER
CONNECTED ARROW BOARD	WORK AREA
SIGN ON PERMANENT SUPPORT	COMMERCIAL DRIVEWAY, SEE DETAIL
SIGN ON TEMPORARY SUPPORT	MARKING REMOVAL SPECIAL MARKING WATER BLASTING
DIRECTION OF TRAFFIC	PORTABLE CHANGEABLE MESSAGE BOARD
	MARKING REMOVAL LINE WATER BLASTING

N

FOREST HILL AVE

TEMPORARY MARKING LINE REMOVABLE
TAPE 4-INCH, YELLOW

END ROAD WORK
G20-2A
48"X24"

R3-2
24"X24"

200'

200'

200'

200'

ROAD WORK AHEAD
W20-1A

LEFT LANE CLOSED AHEAD
W20-5A

W04-2L

125' TAPER

25' TYP.

235' BUFFER

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

R3-2
24"X24"

264

262

260

258

STH 38

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

COVER

WO1-6
48" X 24"
TYPE III BARRICADE

350'

350'

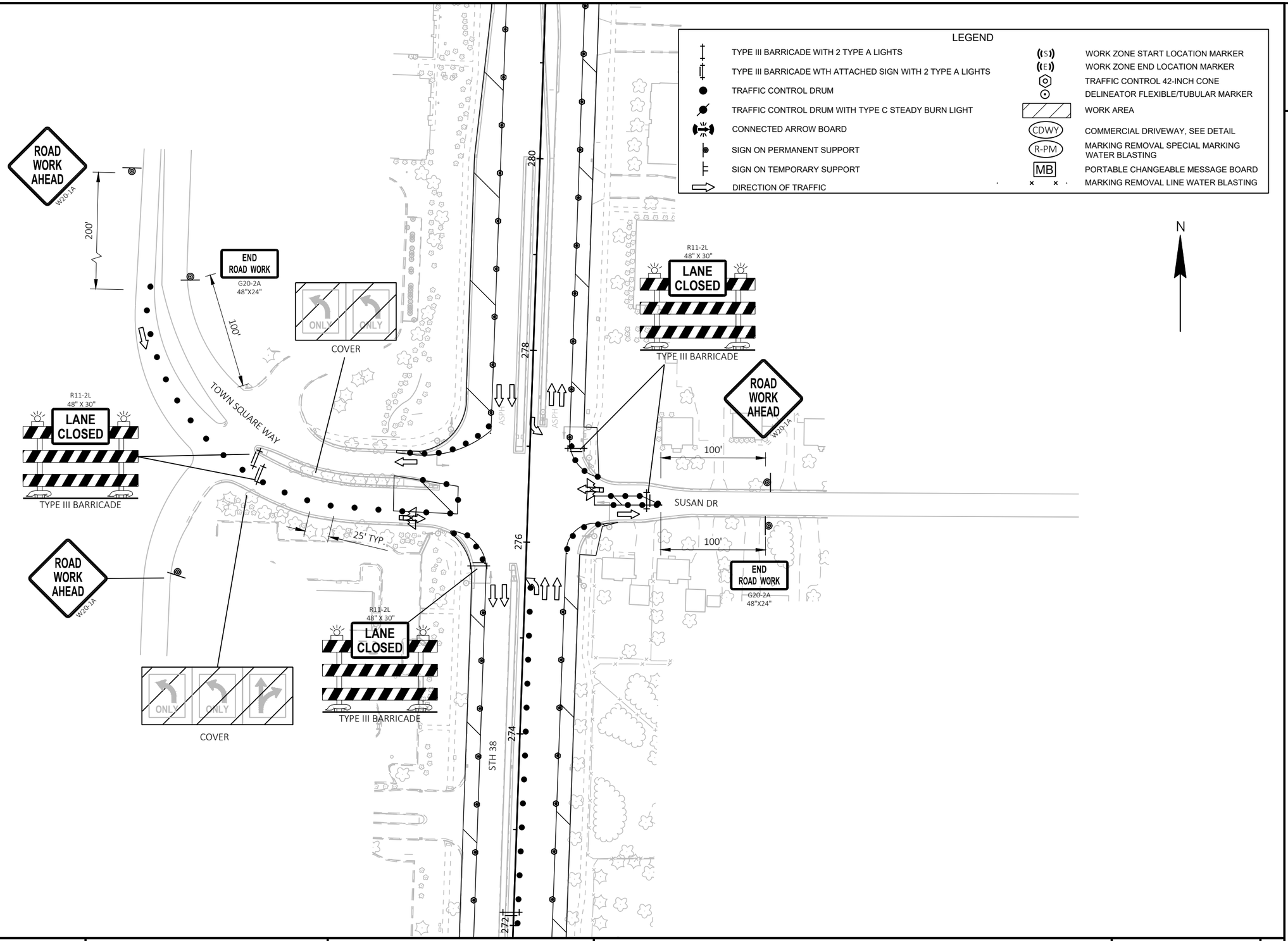
ROAD WORK AHEAD
W20-1A

END ROAD WORK
G20-2A
48"X24"

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 2 SIDEROADS - INSIDE PEAK HOURS	SHEET 471 E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\026206-S2_SIDEROADS INSIDE PEAK HOURS.DWG PLOT DATE : 7/17/2026 9:36 AM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1 IN:100 FT
LAYOUT NAME - 05

2



PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 2 SIDEROADS - INSIDE PEAK HOURS	SHEET 472	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\026206-S2_SIDEROADS INSIDE PEAK HOURS.DWG PLOT DATE : 7/17/2026 9:36 AM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1 IN:100 FT
LAYOUT NAME - 06

2

2

LEGEND

- TYPE III BARRICADE WITH 2 TYPE A LIGHTS
- TYPE III BARRICADE WTH ATTACHED SIGN WITH 2 TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- CONNECTED ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- TRAFFIC CONTROL 42-INCH CONE
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- WORK AREA
- CDWY — COMMERCIAL DRIVEWAY, SEE DETAIL
- R-PM — MARKING REMOVAL SPECIAL MARKING WATER BLASTING
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- MARKING REMOVAL LINE WATER BLASTING

N

STH 38

292

290

288

286

284

ASPH

ASPH

ONLY

ONLY

COVER

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

R3-2
24"X24"

206' BUFFER

245' TAPER

350'

TEMPORARY MARKING LINE
REMOVABLE TAPE 4-INCH, YELLOW

DREXEL AVE

DREXEL AVE

25' TYP.

1190' BUFFER

350'

BEGIN LEFT TURN LANE
R3-20L
24"X36"

BEGIN LEFT TURN LANE
R3-20L
24"X36"

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

END ROAD WORK
G20-2A
48"X24"

ONLY

ONLY

COVER

ONLY

ONLY

COVER

350'

DREXEL AVE

TEMPORARY MARKING LINE
REMOVABLE TAPE 4-INCH, YELLOW

350'

350'

350'

245' TAPER

TEMPORARY MARKING
REMOVABLE MASK OUT
TAPE 6-INCH

ROAD WORK AHEAD
W20-1A

LEFT LANE CLOSED AHEAD
W20-5A

W04-2L

W04-2L

LEFT LANE CLOSED AHEAD
W20-5A

ROAD WORK AHEAD
W20-1A

350'

350'

350'

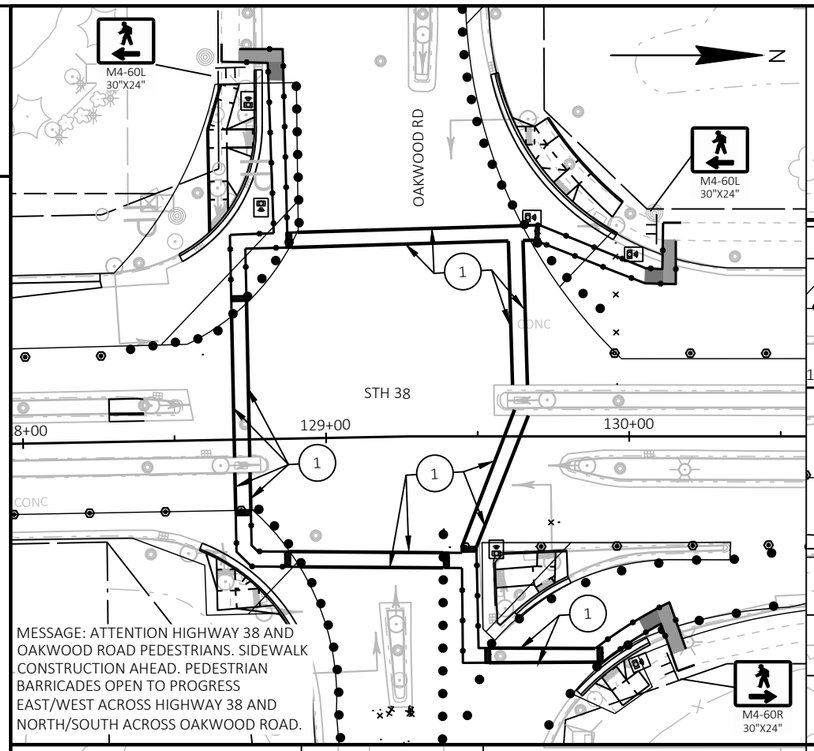
DREXEL AVE

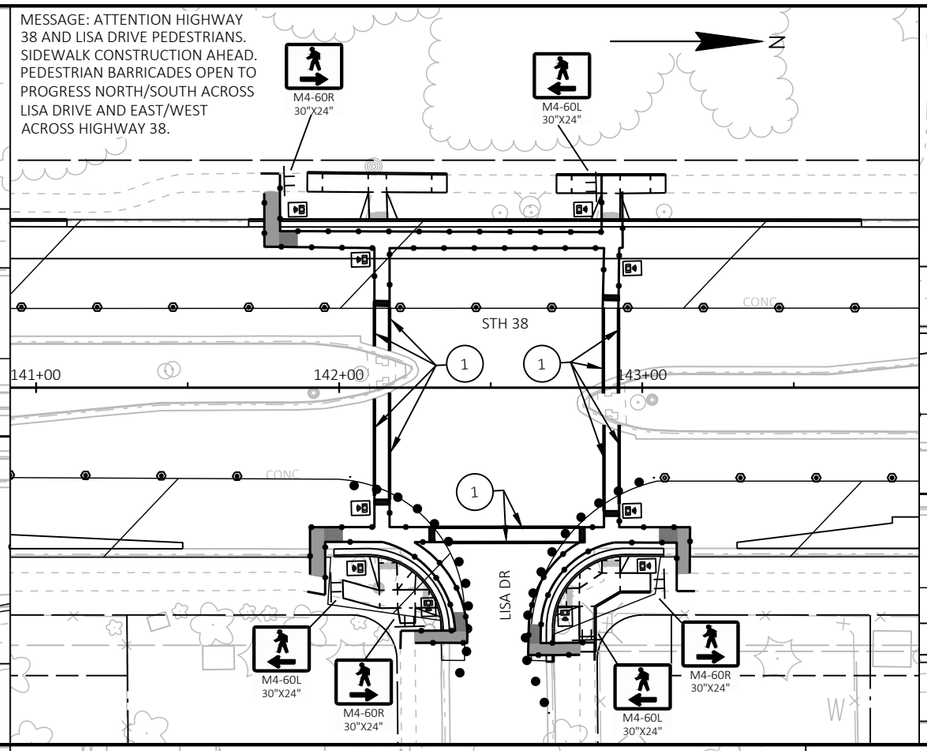
350'

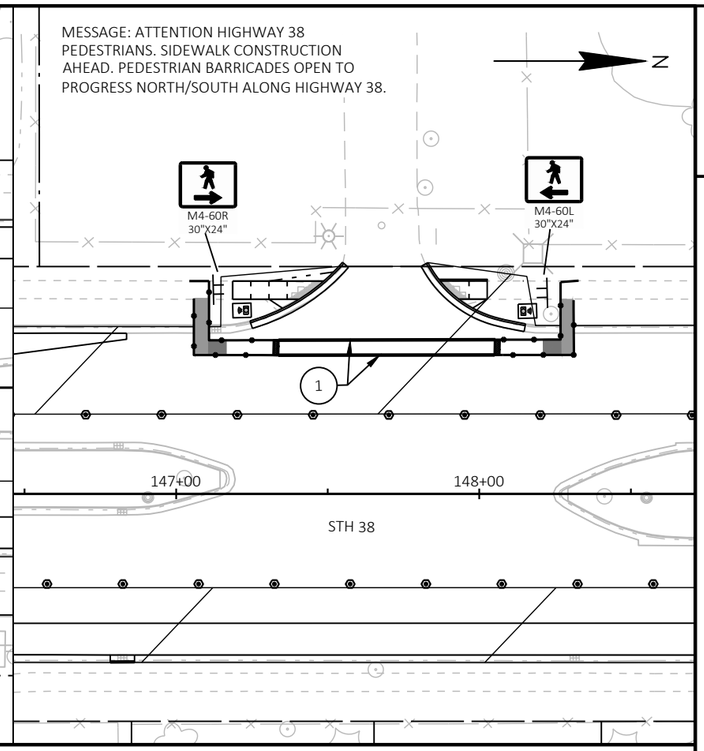
END ROAD WORK
G20-2A
48"X24"

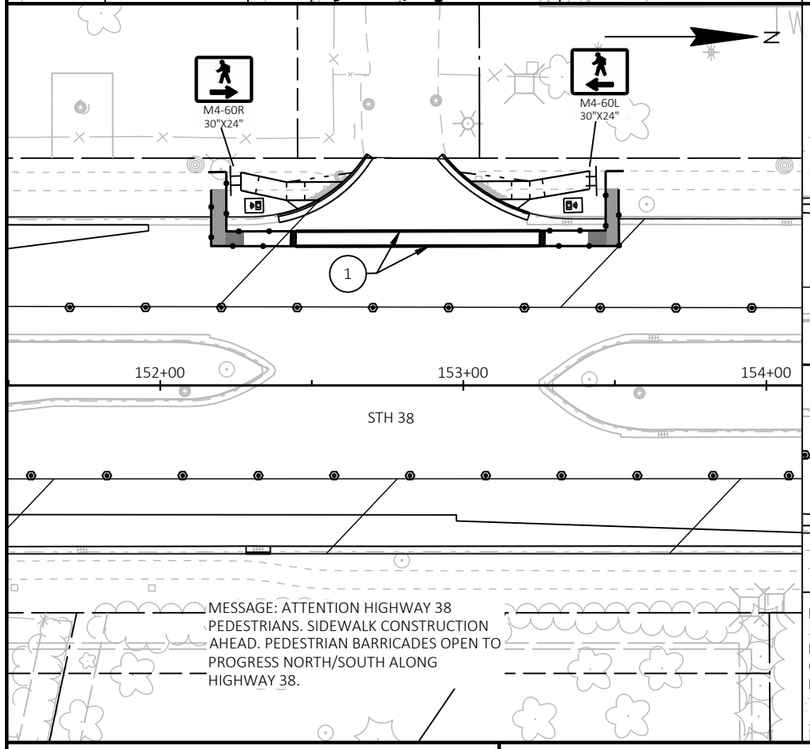
PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 2 SIDEROADS - INSIDE PEAK HOURS	SHEET 473	E

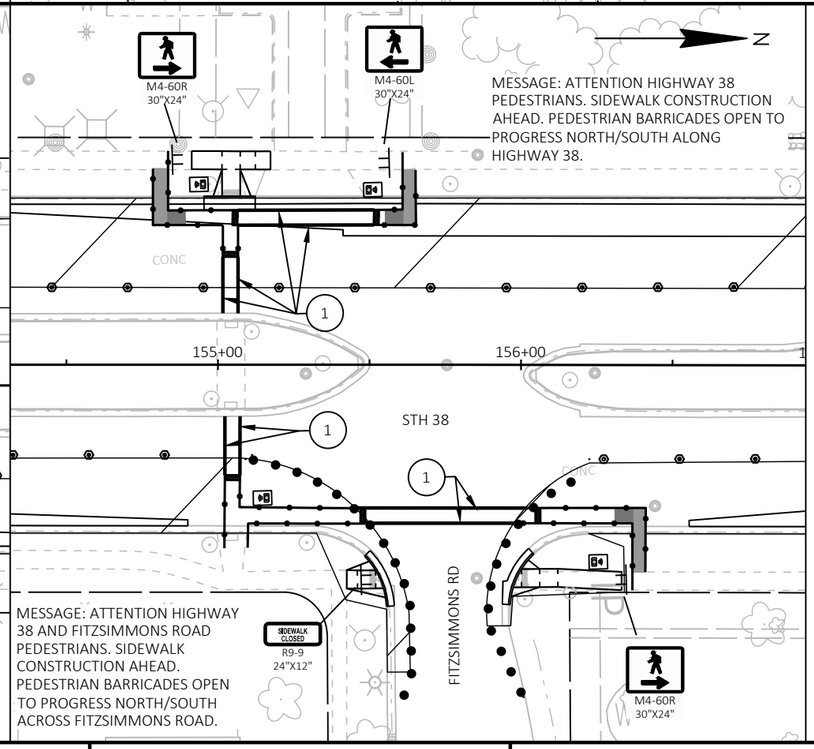
FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\026206-S2_SIDEROADS INSIDE PEAK HOURS.DWG
LAYOUT NAME - 07
PLOT DATE : 7/17/2026 9:37 AM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:100 FT











LEGEND

- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- (1) TEMPORARY MARKING CROSSWALK PAINT 6-INCH
- WORK AREA
- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY AUDIBLE MESSAGE DEVICE
- TEMPORARY PEDESTRIAN CURB RAMP
- TEMPORARY PEDESTRIAN ASPHALT SURFACE

NOTES

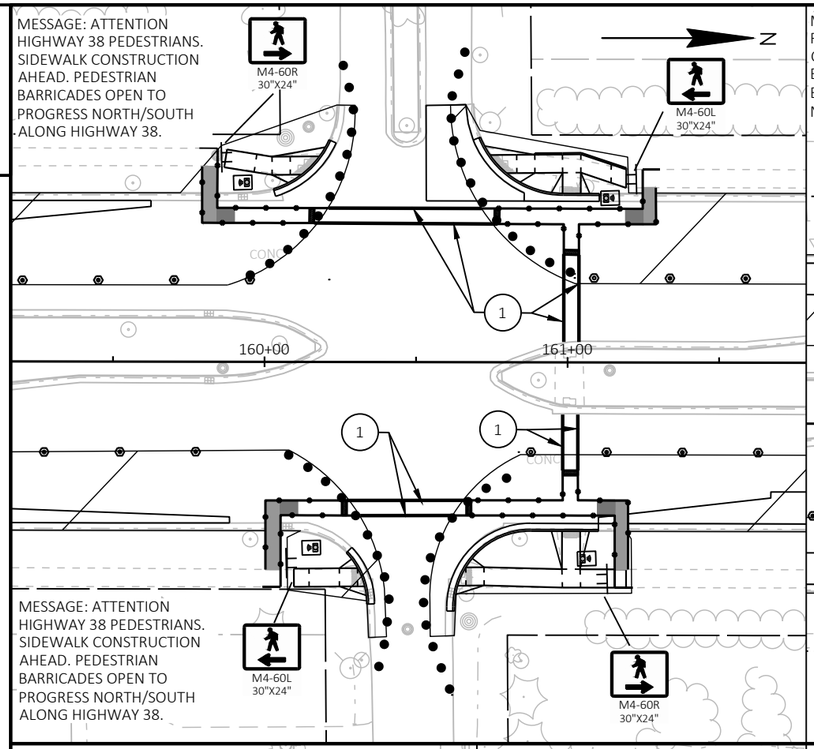
1. PROVIDE PEDESTRIAN SIGNAGE AND TEMPORARY DEVICES IN ACCORDANCE WITH SDD, "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" UNTIL ACCOMMODATIONS CAN BE PROVIDED VIA PERMANENT SIDEWALK PLACEMENT.
2. CONSTRUCT CURB RAMPS DURING STAGE 2 LANE CLOSURES.
3. SIDEWALK STAGING PLAN IS SUGGESTED SEQUENCE TO PERFORM WORK OPERATIONS WHILE MAINTAINING PEDESTRIAN ACCESS. SUBMIT IN WRITING ANY MODIFICATIONS TO THE ENGINEER A MINIMUM OF 5 DAYS PRIOR TO BEGINNING WORK.
4. SEE SDD "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" FOR SIGN PLACEMENT FOR PEDESTRIAN ACCOMMODATION.
5. TRAFFIC CONTROL DRUMS AND CONES NOT TO BE PLACED IN CROSSWALKS

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC CONTROL PEDESTRIAN ACCOMMODATIONS STAGE 2	SHEET 474	E

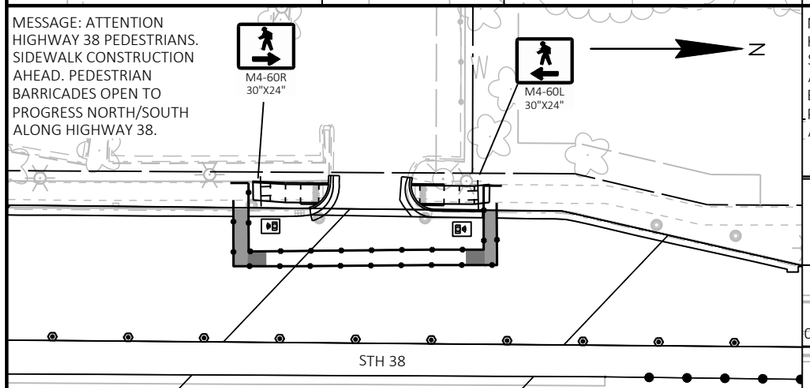
FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\026207-TCPED-S2.DWG
LAYOUT NAME - 01
PLOT DATE : 7/17/2026 9:37 AM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 44

2

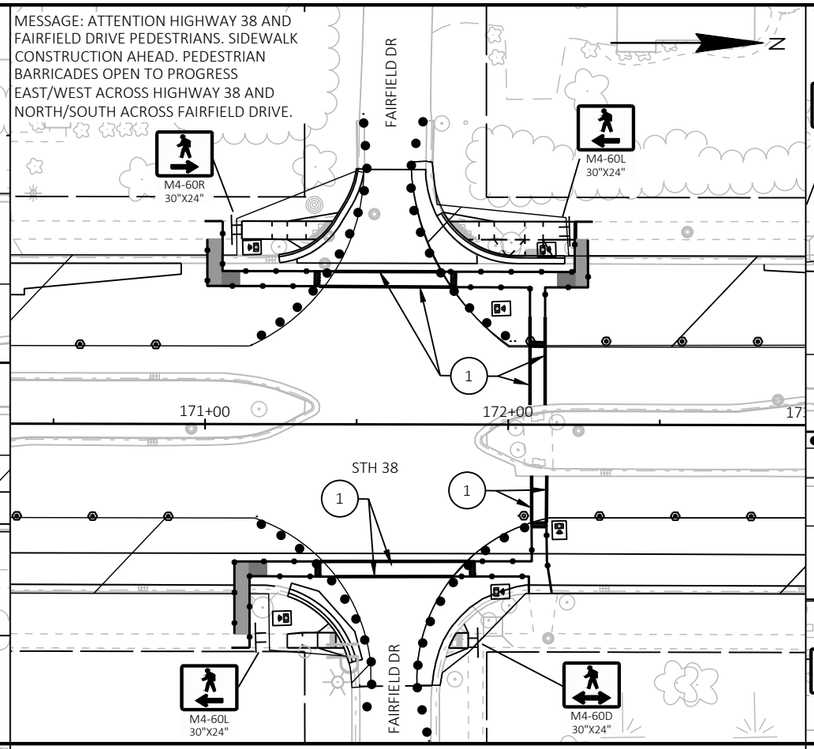
MESSAGE: ATTENTION HIGHWAY 38 PEDESTRIANS. SIDEWALK CONSTRUCTION AHEAD. PEDESTRIAN BARRICADES OPEN TO PROGRESS NORTH/SOUTH ALONG HIGHWAY 38.



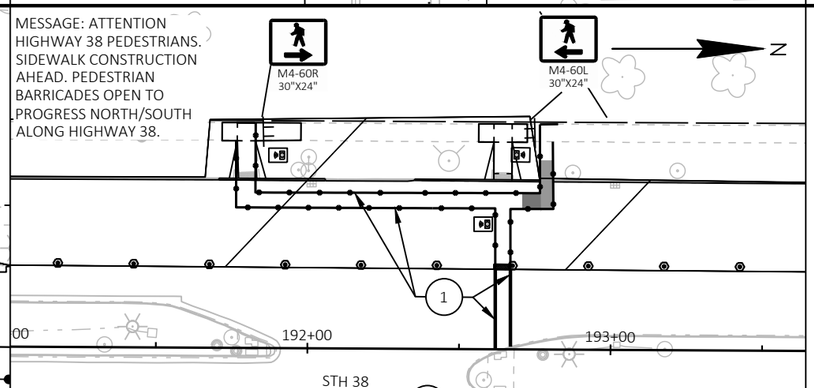
MESSAGE: ATTENTION HIGHWAY 38 PEDESTRIANS. SIDEWALK CONSTRUCTION AHEAD. PEDESTRIAN BARRICADES OPEN TO PROGRESS NORTH/SOUTH ALONG HIGHWAY 38.



MESSAGE: ATTENTION HIGHWAY 38 AND FAIRFIELD DRIVE PEDESTRIANS. SIDEWALK CONSTRUCTION AHEAD. PEDESTRIAN BARRICADES OPEN TO PROGRESS EAST/WEST ACROSS HIGHWAY 38 AND NORTH/SOUTH ACROSS FAIRFIELD DRIVE.

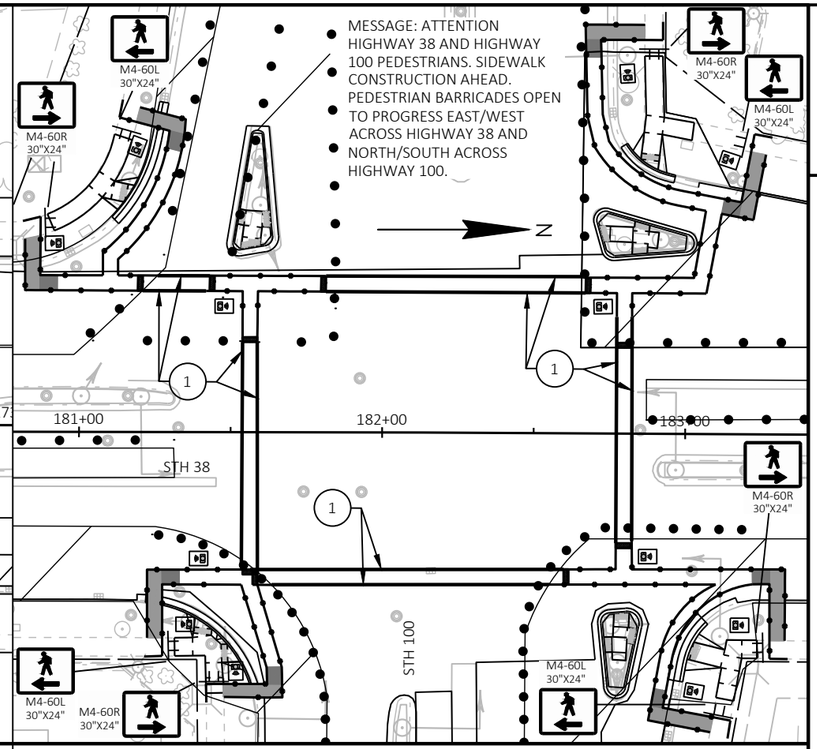


MESSAGE: ATTENTION HIGHWAY 38 PEDESTRIANS. SIDEWALK CONSTRUCTION AHEAD. PEDESTRIAN BARRICADES OPEN TO PROGRESS NORTH/SOUTH ALONG HIGHWAY 38.



MESSAGE: ATTENTION HIGHWAY 38 AND PARKWAY ESTATES DRIVE PEDESTRIANS. SIDEWALK CONSTRUCTION AHEAD. PEDESTRIAN BARRICADES OPEN TO PROGRESS EAST/WEST ACROSS HIGHWAY 38 AND NORTH/SOUTH ACROSS PARKWAY ESTATES DRIVE.

MESSAGE: ATTENTION HIGHWAY 38 AND HIGHWAY 100 PEDESTRIANS. SIDEWALK CONSTRUCTION AHEAD. PEDESTRIAN BARRICADES OPEN TO PROGRESS EAST/WEST ACROSS HIGHWAY 38 AND NORTH/SOUTH ACROSS HIGHWAY 100.



LEGEND

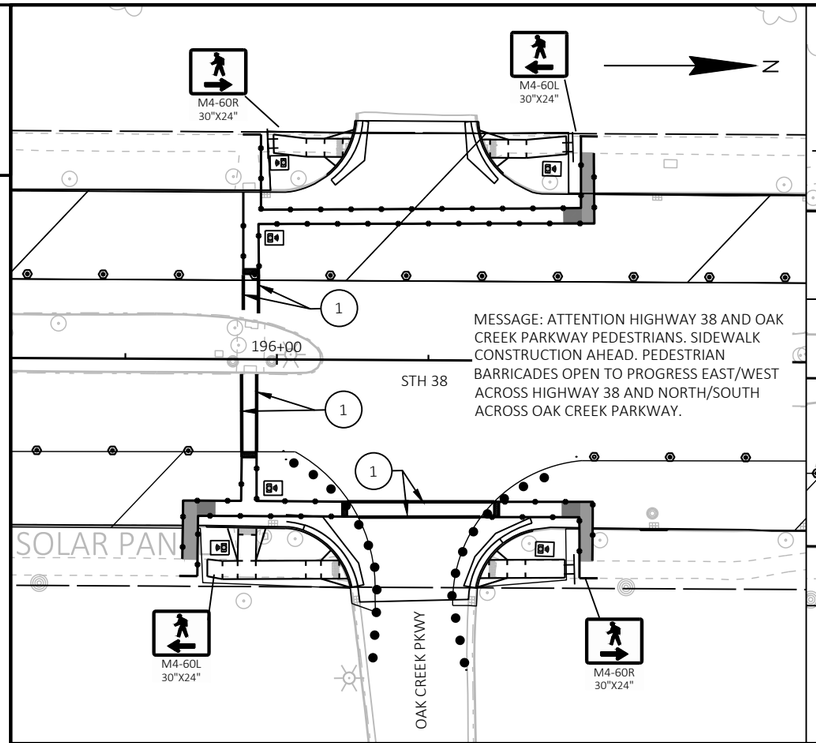
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- (1) TEMPORARY MARKING CROSSWALK PAINT 6-INCH
- WORK AREA
- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY AUDIBLE MESSAGE DEVICE
- TEMPORARY PEDESTRIAN CURB RAMP
- TEMPORARY PEDESTRIAN ASPHALT SURFACE

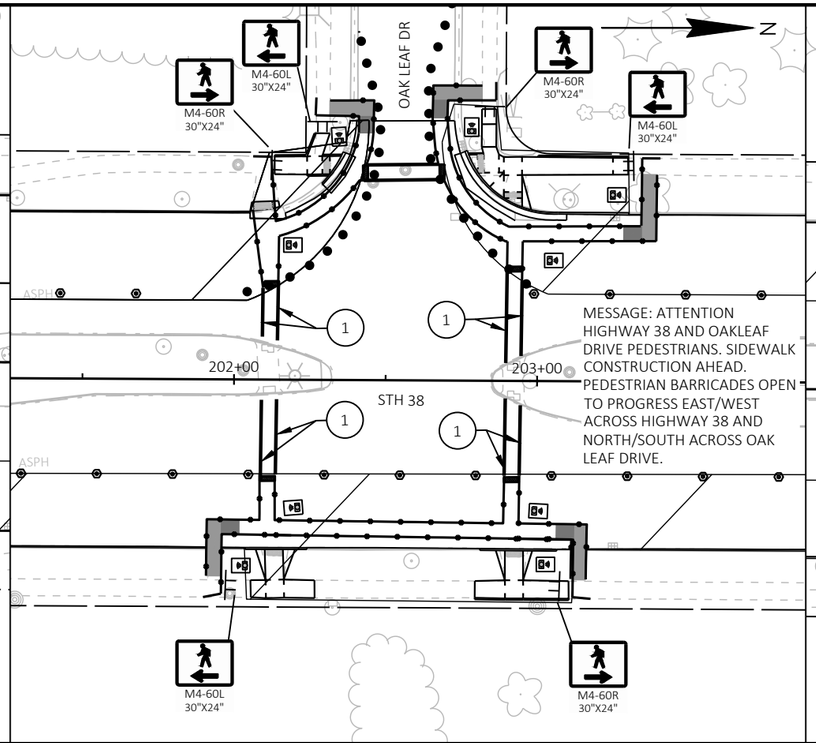
NOTES

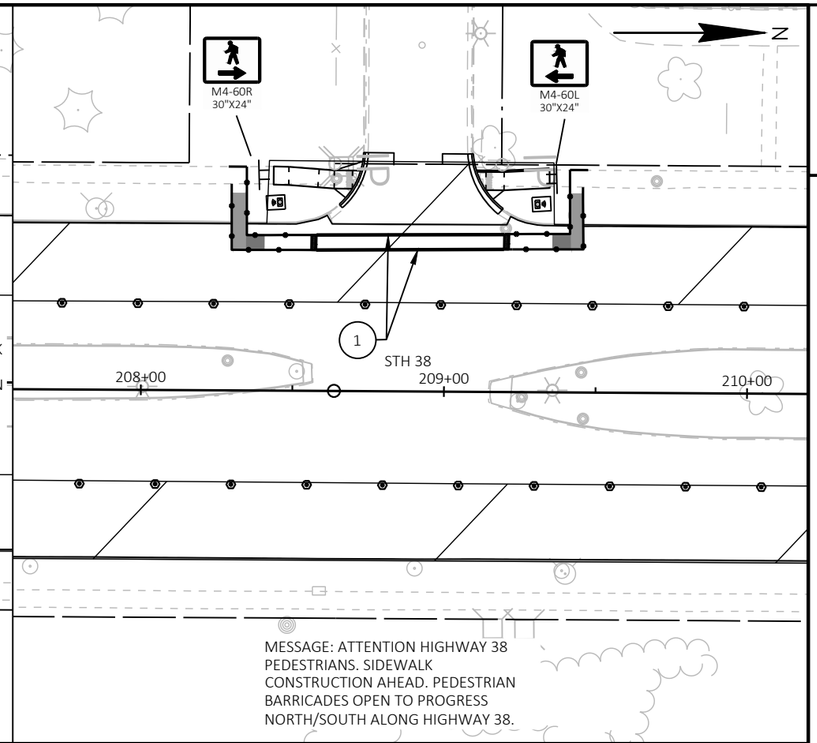
1. PROVIDE PEDESTRIAN SIGNAGE AND TEMPORARY DEVICES IN ACCORDANCE WITH SDD, "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" UNTIL ACCOMMODATIONS CAN BE PROVIDED VIA PERMANENT SIDEWALK PLACEMENT.
2. CONSTRUCT CURB RAMPS DURING STAGE 2 LANE CLOSURES.
3. SIDEWALK STAGING PLAN IS SUGGESTED SEQUENCE TO PERFORM WORK OPERATIONS WHILE MAINTAINING PEDESTRIAN ACCESS. SUBMIT IN WRITING ANY MODIFICATIONS TO THE ENGINEER A MINIMUM OF 5 DAYS PRIOR TO BEGINNING WORK.
4. SEE SDD "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" FOR SIGN PLACEMENT FOR PEDESTRIAN ACCOMMODATION.
5. TRAFFIC CONTROL DRUMS AND CONES NOT TO BE PLACED IN CROSSWALKS

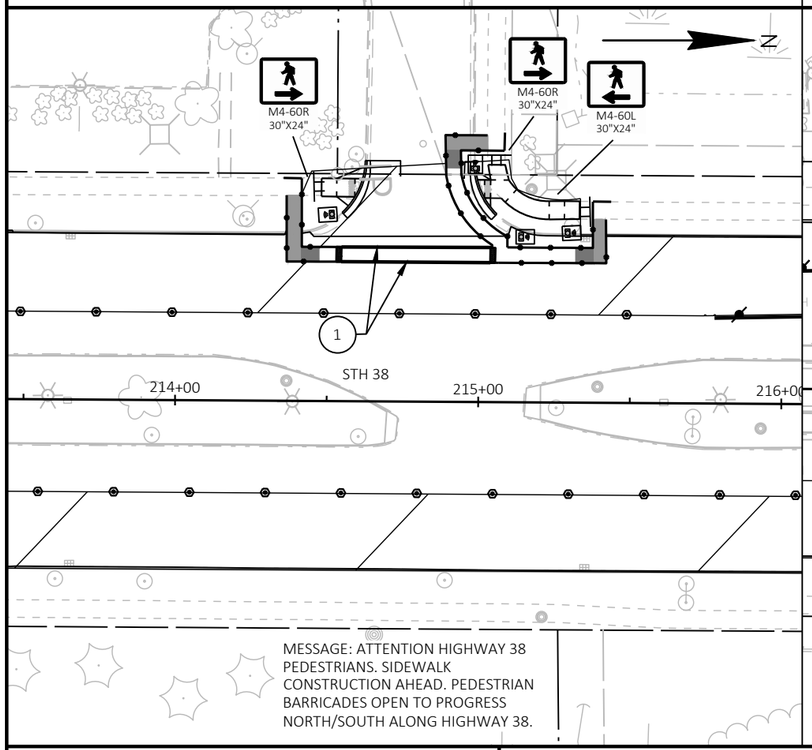
PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC CONTROL PEDESTRIAN ACCOMMODATIONS STAGE 2	SHEET 475	E

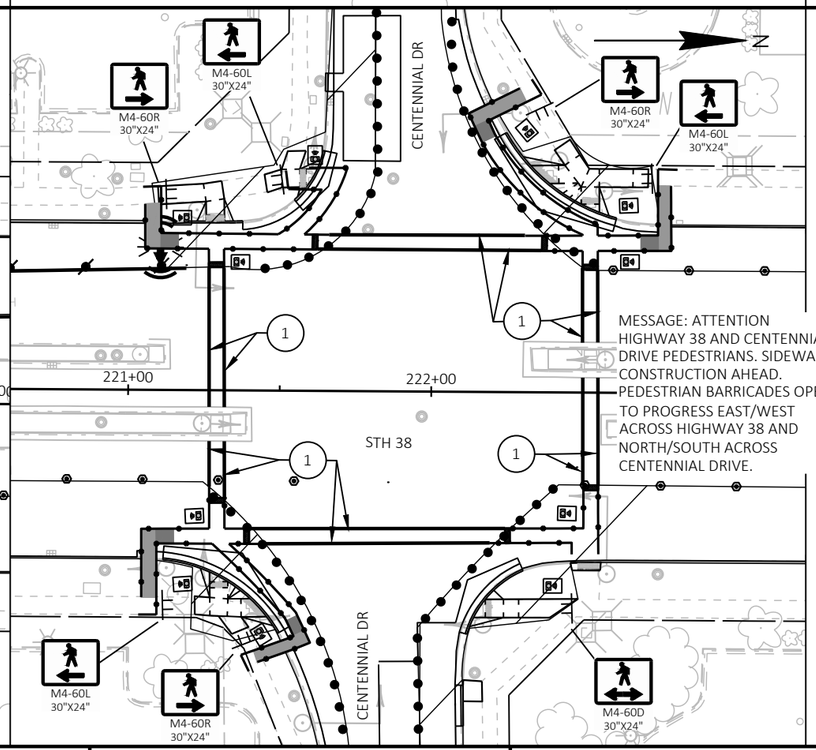
FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\026207-TCPED-S2.DWG
LAYOUT NAME - 02
PLOT DATE : 7/17/2026 9:38 AM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 44











LEGEND

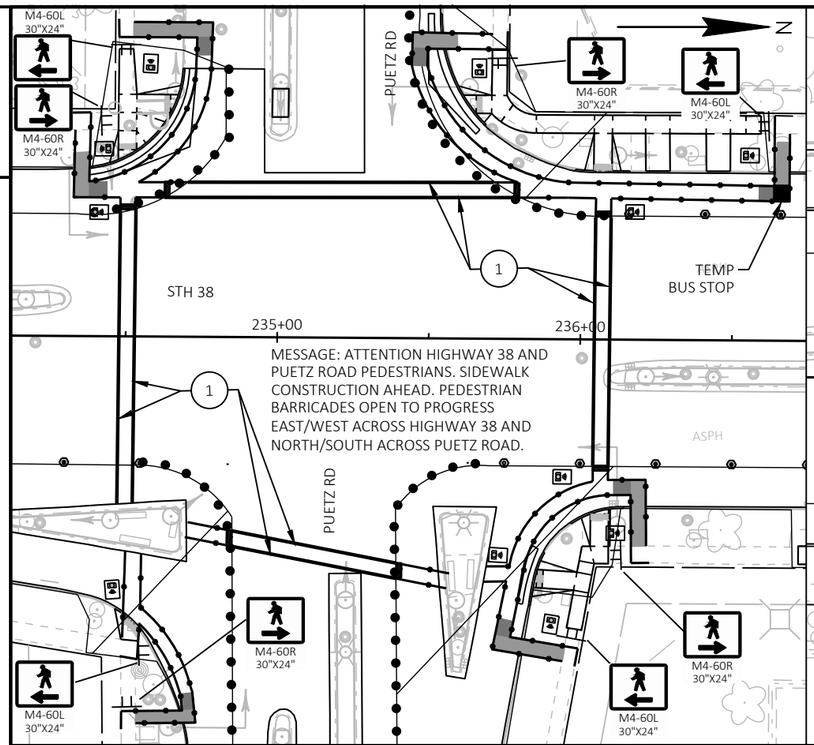
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- (1) TEMPORARY MARKING CROSSWALK PAINT 6-INCH
- WORK AREA
- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY AUDIBLE MESSAGE DEVICE
- TEMPORARY PEDESTRIAN CURB RAMP
- TEMPORARY PEDESTRIAN ASPHALT SURFACE

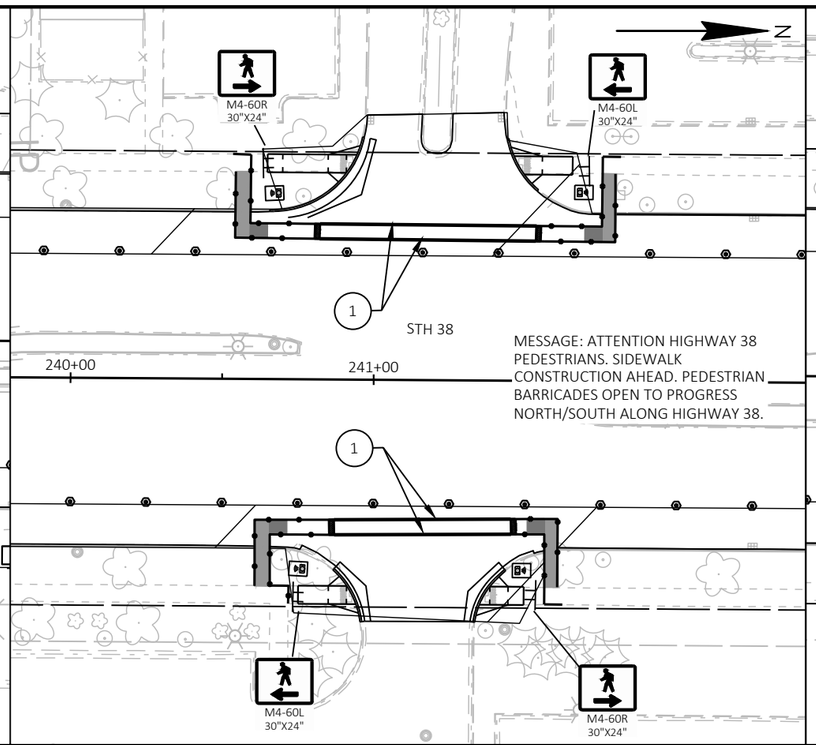
NOTES

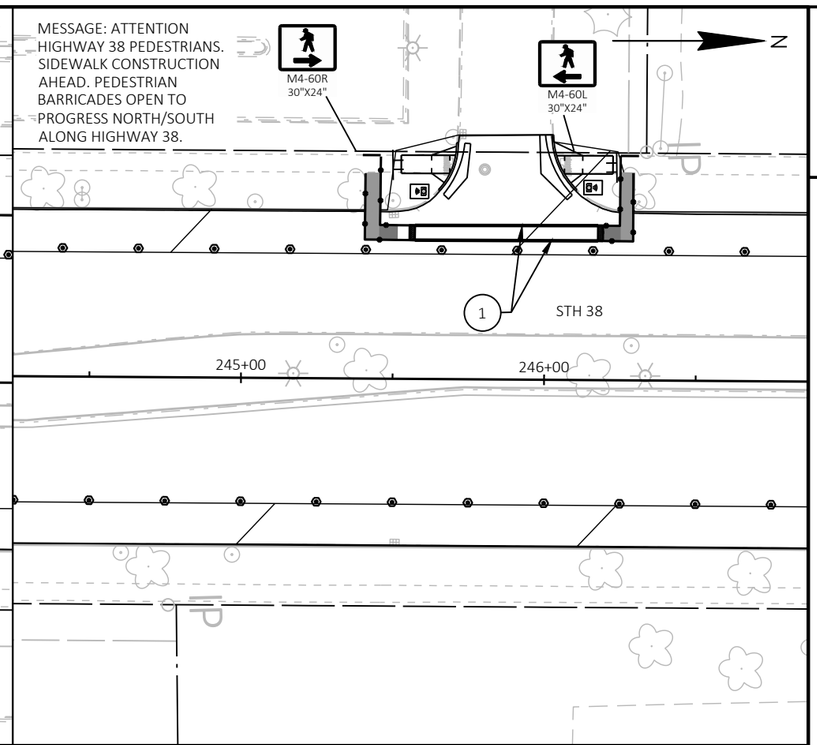
1. PROVIDE PEDESTRIAN SIGNAGE AND TEMPORARY DEVICES IN ACCORDANCE WITH SDD, "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" UNTIL ACCOMMODATIONS CAN BE PROVIDED VIA PERMANENT SIDEWALK PLACEMENT.
2. CONSTRUCT CURB RAMPS DURING STAGE 2 LANE CLOSURES.
3. SIDEWALK STAGING PLAN IS SUGGESTED SEQUENCE TO PERFORM WORK OPERATIONS WHILE MAINTAINING PEDESTRIAN ACCESS. SUBMIT IN WRITING ANY MODIFICATIONS TO THE ENGINEER A MINIMUM OF 5 DAYS PRIOR TO BEGINNING WORK.
4. SEE SDD "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" FOR SIGN PLACEMENT FOR PEDESTRIAN ACCOMMODATION.
5. TRAFFIC CONTROL DRUMS AND CONES NOT TO BE PLACED IN CROSSWALKS

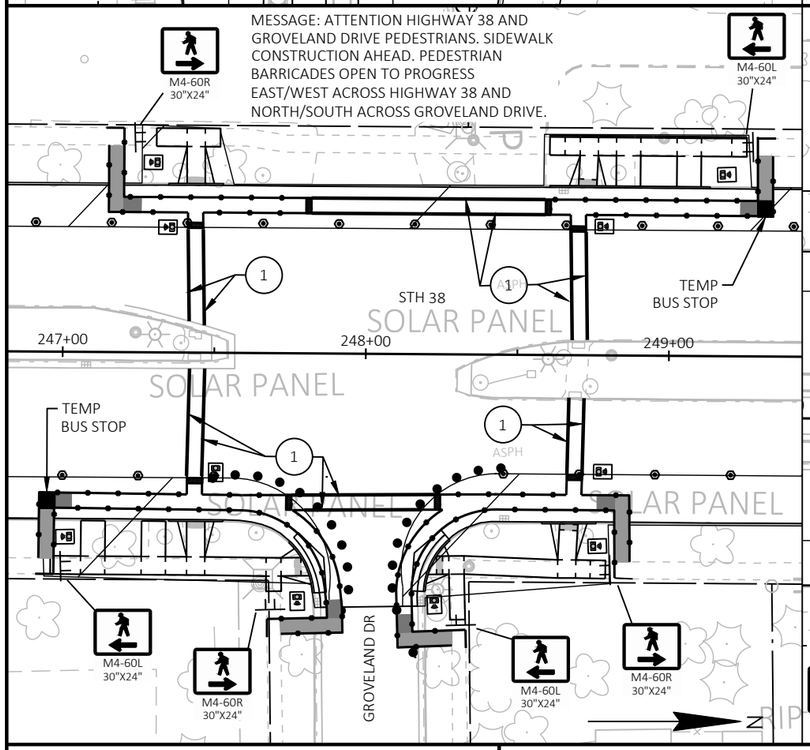
PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC CONTROL PEDESTRIAN ACCOMMODATIONS STAGE 2	SHEET 476	E

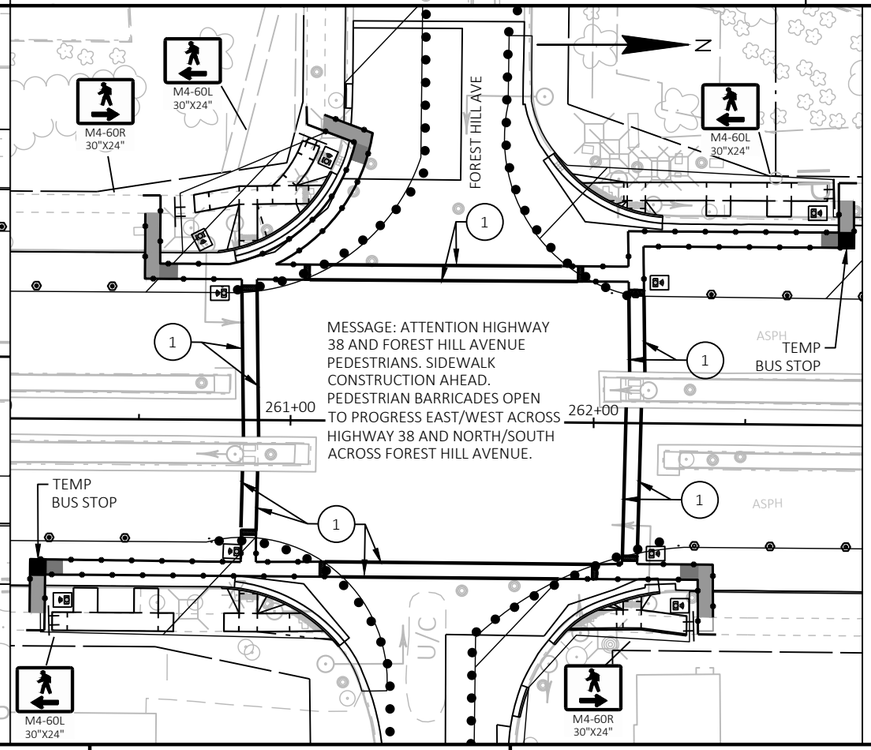
FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\026207-TCPED-S2.DWG
LAYOUT NAME - 03
PLOT DATE : 7/17/2026 9:39 AM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 44











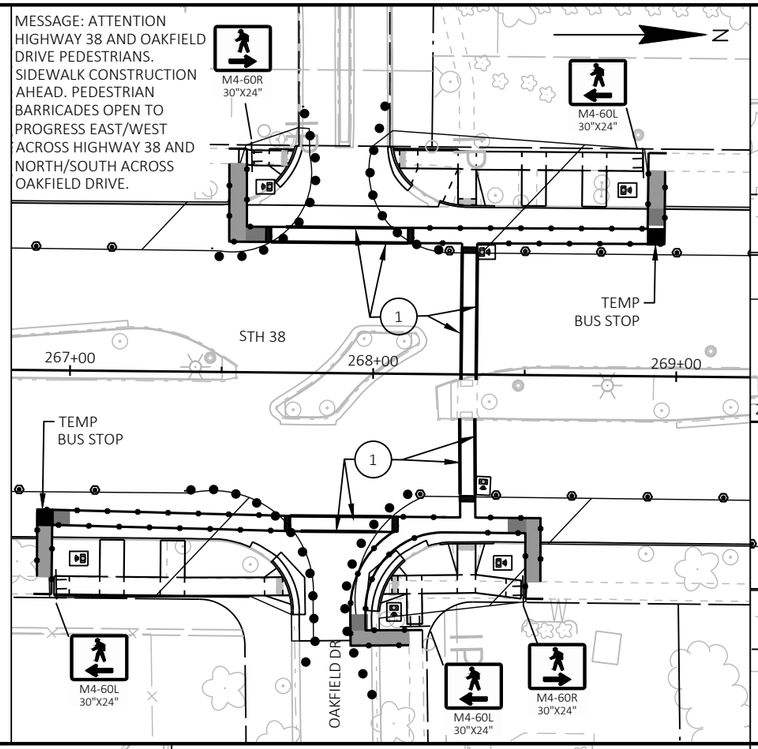
LEGEND

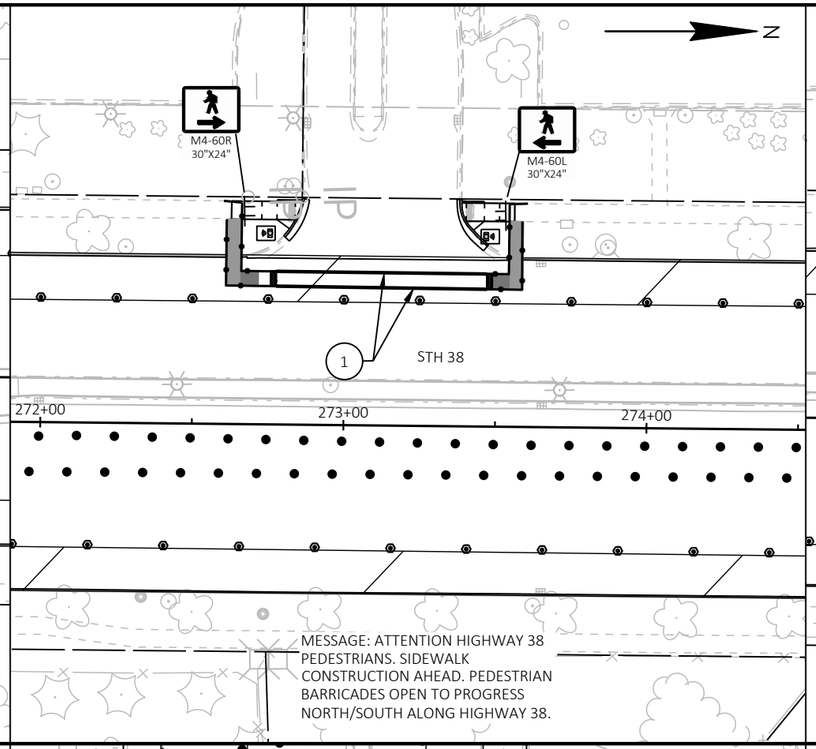
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- (1) TEMPORARY MARKING CROSSWALK PAINT 6-INCH
- WORK AREA
- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY AUDIBLE MESSAGE DEVICE
- TEMPORARY PEDESTRIAN CURB RAMP
- TEMPORARY PEDESTRIAN ASPHALT SURFACE

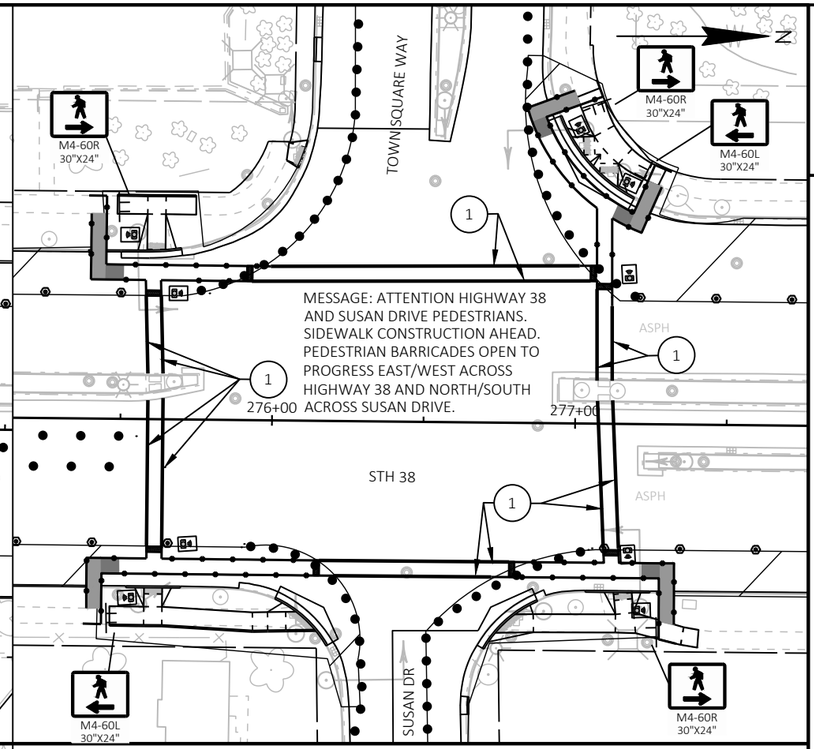
NOTES

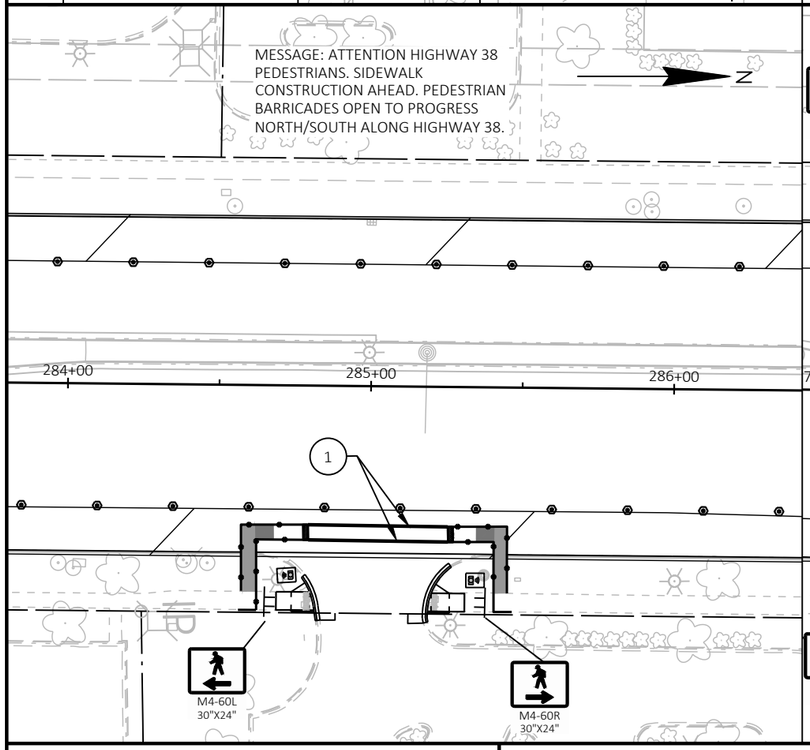
1. PROVIDE PEDESTRIAN SIGNAGE AND TEMPORARY DEVICES IN ACCORDANCE WITH SDD, "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" UNTIL ACCOMMODATIONS CAN BE PROVIDED VIA PERMANENT SIDEWALK PLACEMENT.
2. CONSTRUCT CURB RAMPS DURING STAGE 2 LANE CLOSURES.
3. SIDEWALK STAGING PLAN IS SUGGESTED SEQUENCE TO PERFORM WORK OPERATIONS WHILE MAINTAINING PEDESTRIAN ACCESS. SUBMIT IN WRITING ANY MODIFICATIONS TO THE ENGINEER A MINIMUM OF 5 DAYS PRIOR TO BEGINNING WORK.
4. SEE SDD "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" FOR SIGN PLACEMENT FOR PEDESTRIAN ACCOMMODATION.
5. TRAFFIC CONTROL DRUMS AND CONES NOT TO BE PLACED IN CROSSWALKS

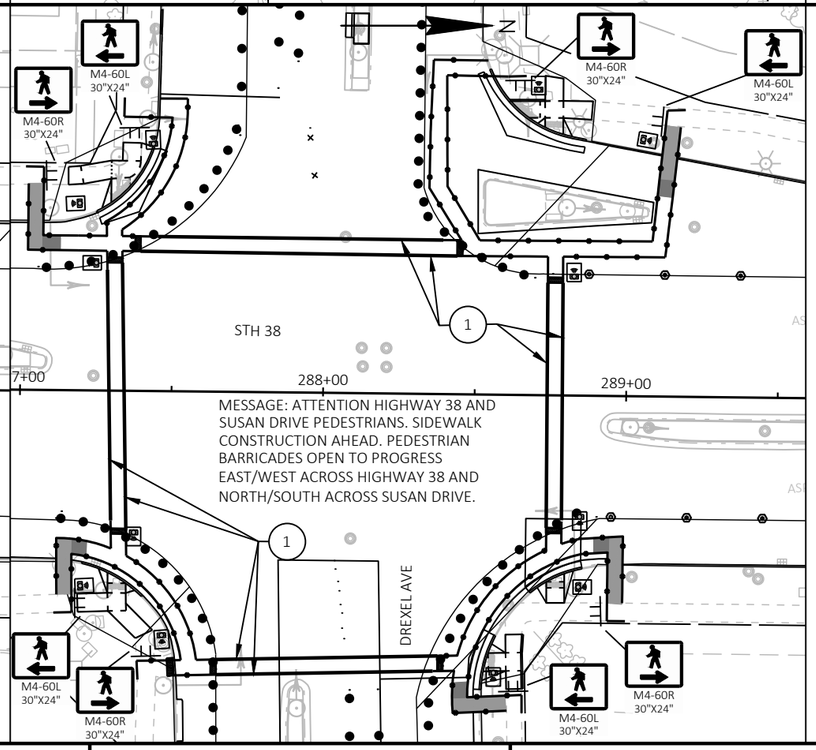
PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC CONTROL PEDESTRIAN ACCOMMODATIONS STAGE 2	SHEET 477	E











LEGEND

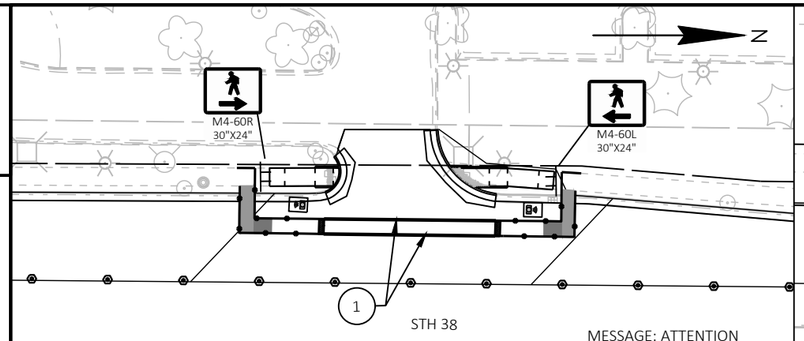
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- (1) TEMPORARY MARKING CROSSWALK PAINT 6-INCH
- WORK AREA
- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY AUDIBLE MESSAGE DEVICE
- TEMPORARY PEDESTRIAN CURB RAMP
- TEMPORARY PEDESTRIAN ASPHALT SURFACE

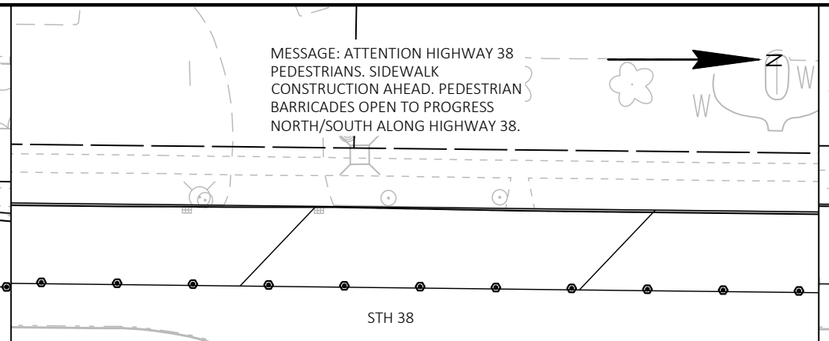
NOTES

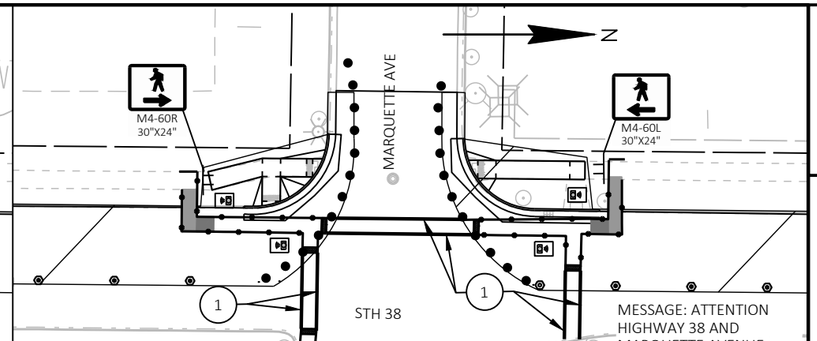
1. PROVIDE PEDESTRIAN SIGNAGE AND TEMPORARY DEVICES IN ACCORDANCE WITH SDD, "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" UNTIL ACCOMMODATIONS CAN BE PROVIDED VIA PERMANENT SIDEWALK PLACEMENT.
2. CONSTRUCT CURB RAMPS DURING STAGE 2 LANE CLOSURES.
3. SIDEWALK STAGING PLAN IS SUGGESTED SEQUENCE TO PERFORM WORK OPERATIONS WHILE MAINTAINING PEDESTRIAN ACCESS. SUBMIT IN WRITING ANY MODIFICATIONS TO THE ENGINEER A MINIMUM OF 5 DAYS PRIOR TO BEGINNING WORK.
4. SEE SDD "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" FOR SIGN PLACEMENT FOR PEDESTRIAN ACCOMMODATION.
5. TRAFFIC CONTROL DRUMS AND CONES NOT TO BE PLACED IN CROSSWALKS

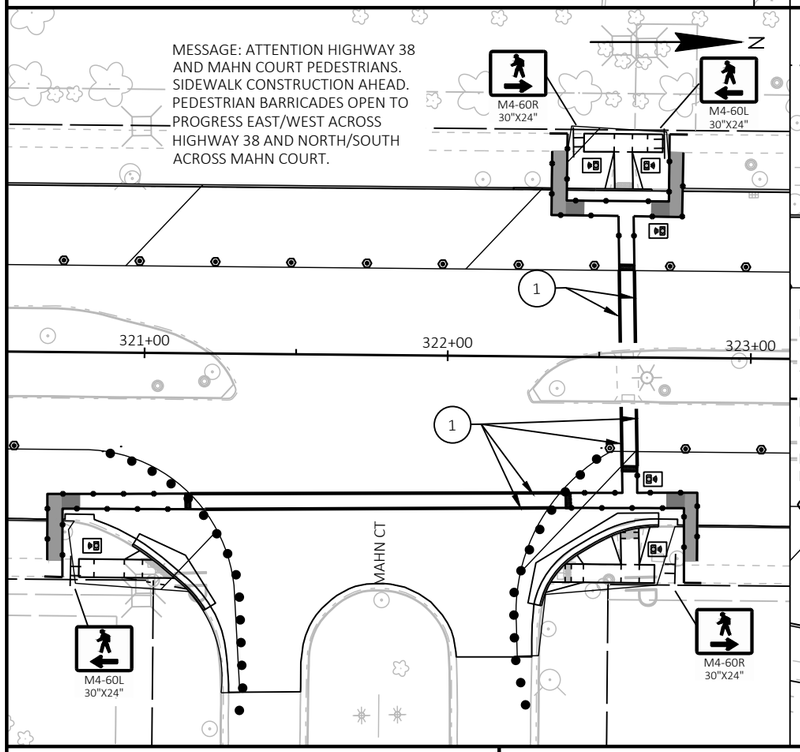
PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC CONTROL PEDESTRIAN ACCOMMODATIONS STAGE 2	SHEET 478	E

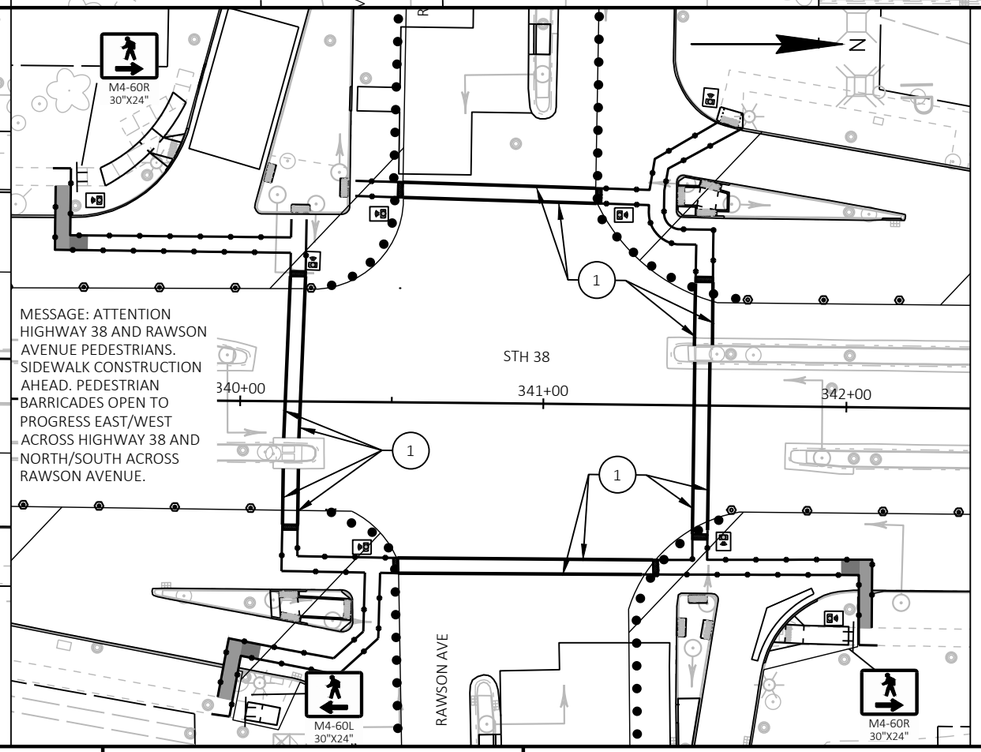
FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\026207-TCPED-S2.DWG
LAYOUT NAME - 05
PLOT DATE : 7/17/2026 9:40 AM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 44











LEGEND

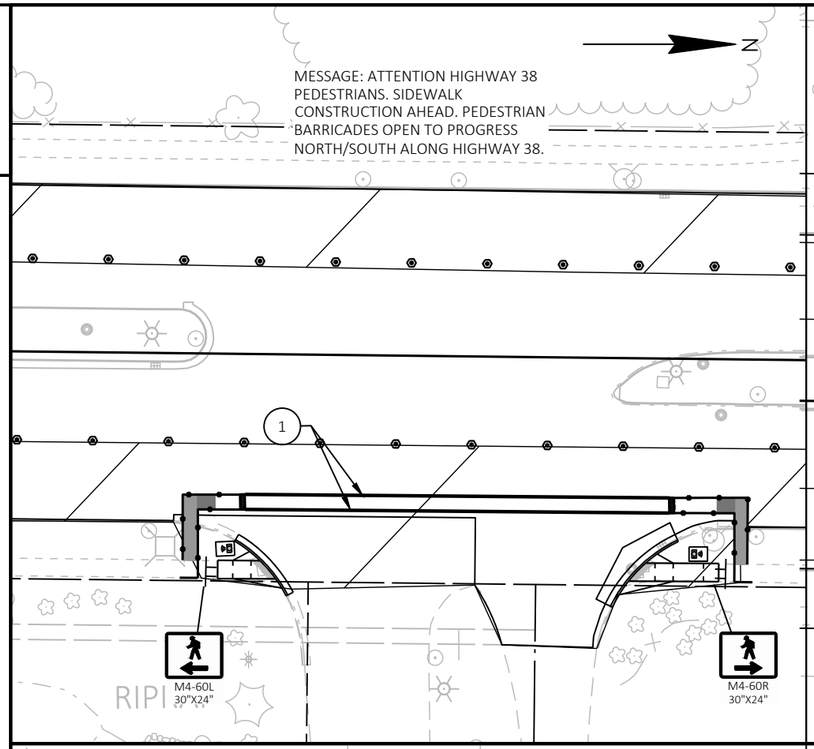
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- (1) TEMPORARY MARKING CROSSWALK PAINT 6-INCH
- WORK AREA
- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY AUDIBLE MESSAGE DEVICE
- TEMPORARY PEDESTRIAN CURB RAMP
- TEMPORARY PEDESTRIAN ASPHALT SURFACE

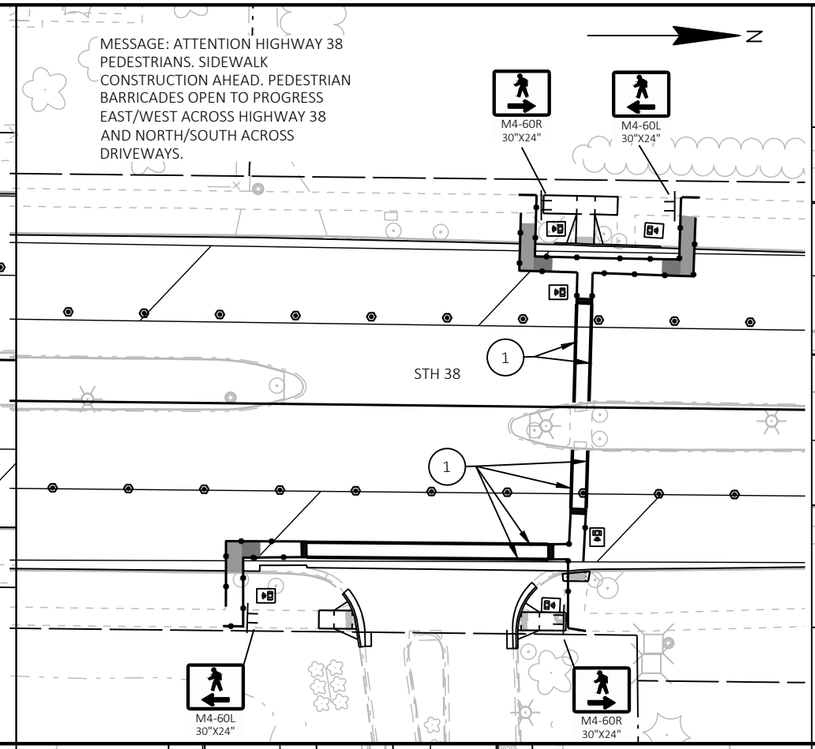
NOTES

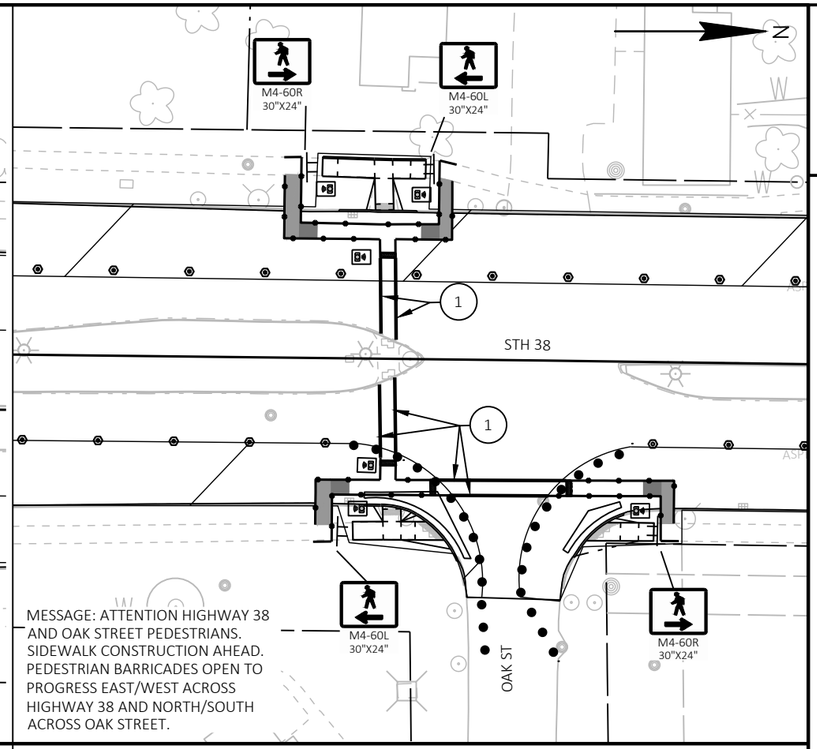
1. PROVIDE PEDESTRIAN SIGNAGE AND TEMPORARY DEVICES IN ACCORDANCE WITH SDD, "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" UNTIL ACCOMMODATIONS CAN BE PROVIDED VIA PERMANENT SIDEWALK PLACEMENT.
2. CONSTRUCT CURB RAMPS DURING STAGE 2 LANE CLOSURES.
3. SIDEWALK STAGING PLAN IS SUGGESTED SEQUENCE TO PERFORM WORK OPERATIONS WHILE MAINTAINING PEDESTRIAN ACCESS. SUBMIT IN WRITING ANY MODIFICATIONS TO THE ENGINEER A MINIMUM OF 5 DAYS PRIOR TO BEGINNING WORK.
4. SEE SDD "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" FOR SIGN PLACEMENT FOR PEDESTRIAN ACCOMMODATION.
5. TRAFFIC CONTROL DRUMS AND CONES NOT TO BE PLACED IN CROSSWALKS

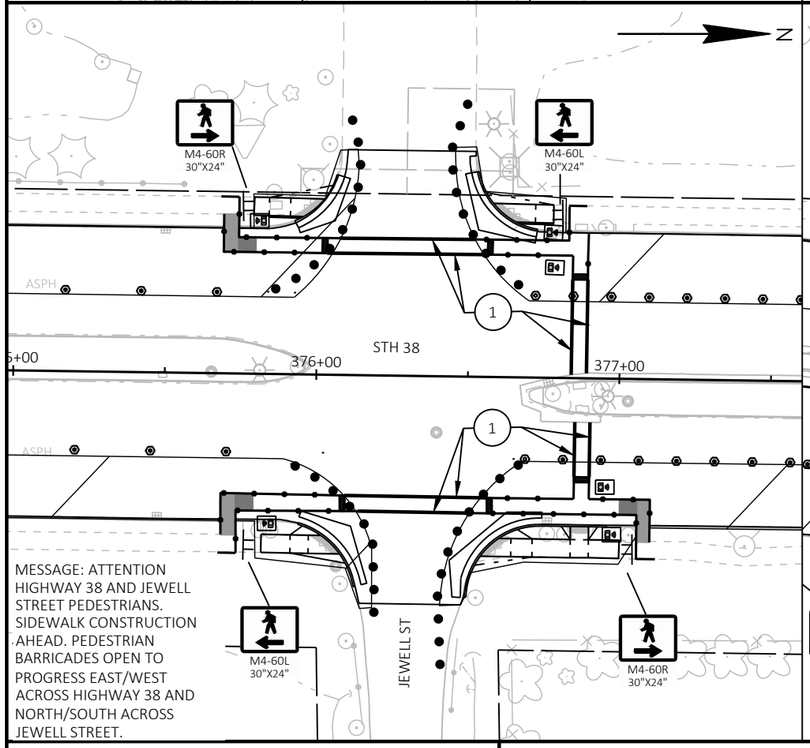
PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC CONTROL PEDESTRIAN ACCOMMODATIONS STAGE 2	SHEET 479	E

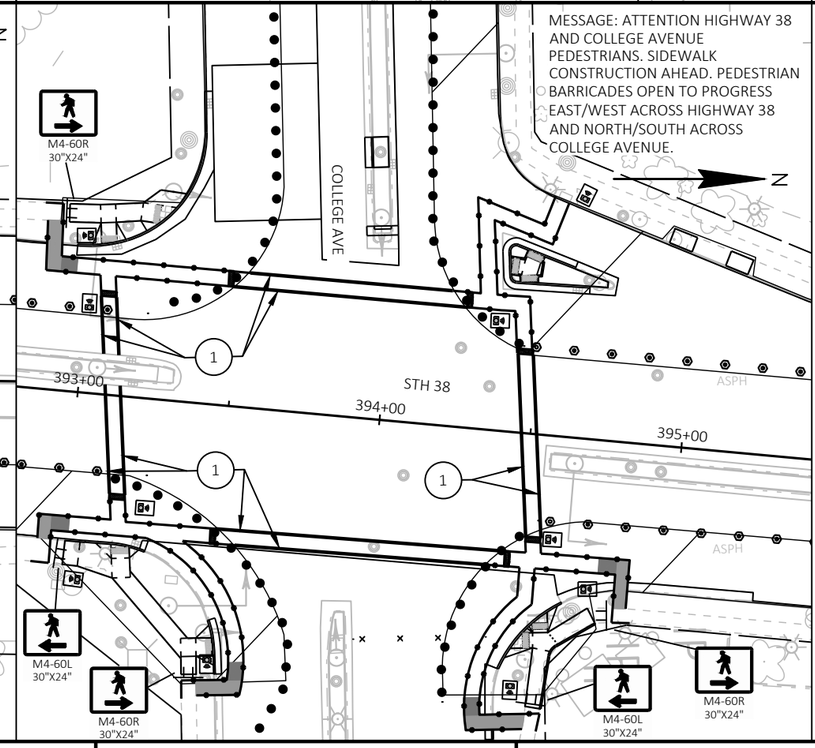
FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\026207-TCPED-S2.DWG
LAYOUT NAME - 06
PLOT DATE : 7/17/2026 9:41 AM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 44











LEGEND

- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
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NOTES

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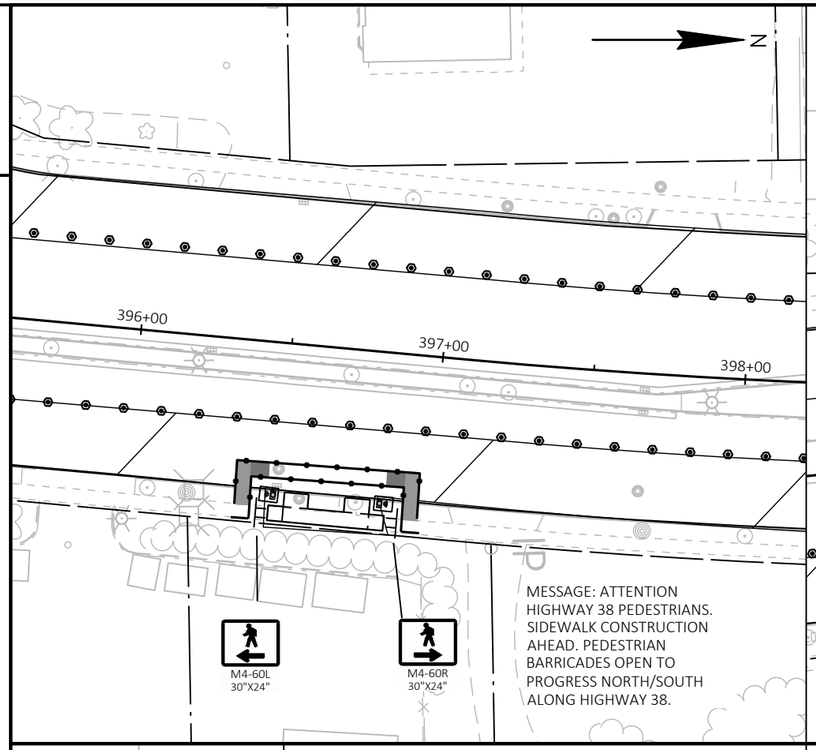
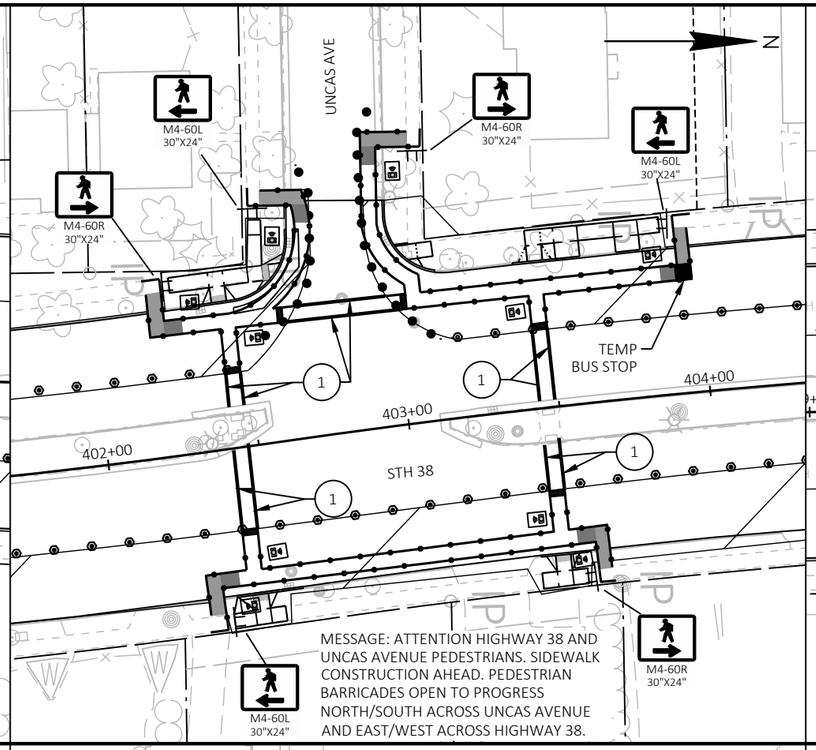
5. TRAFFIC CONTROL DRUMS AND CONES NOT TO BE PLACED IN CROSSWALKS

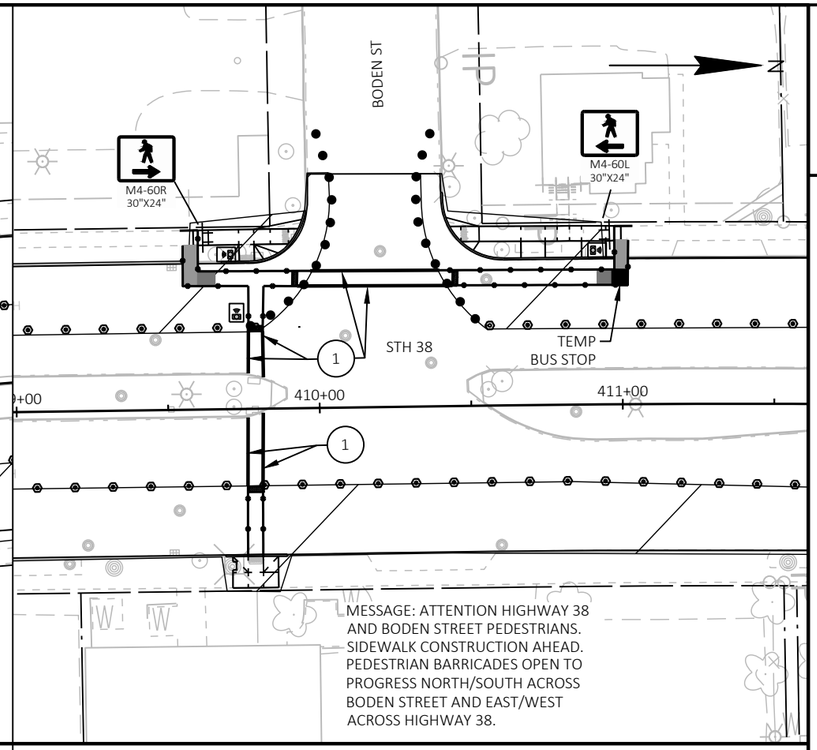
PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC CONTROL PEDESTRIAN ACCOMMODATIONS STAGE 2	SHEET 480	E

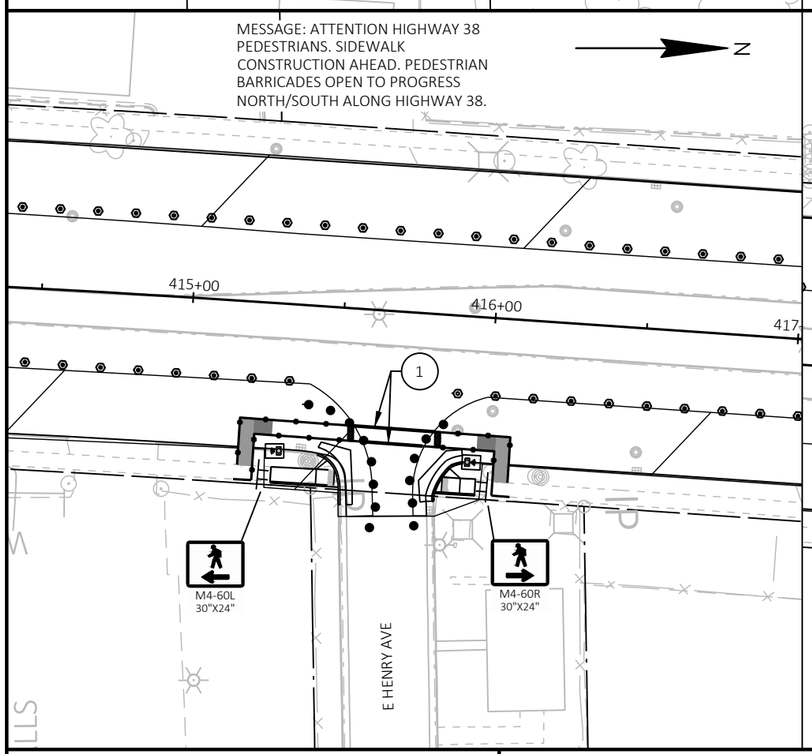
FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\026207-TCPED-S2.DWG
LAYOUT NAME - 07
PLOT DATE : 7/17/2026 9:42 AM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:50 FT

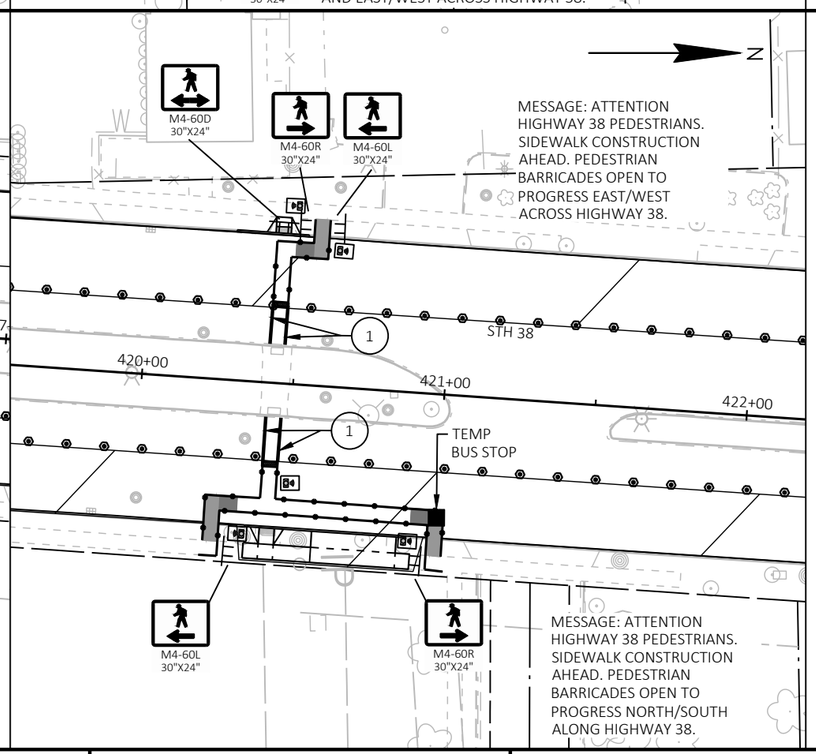
2











LEGEND

- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- TRAFFIC CONTROL 42-INCH CONE
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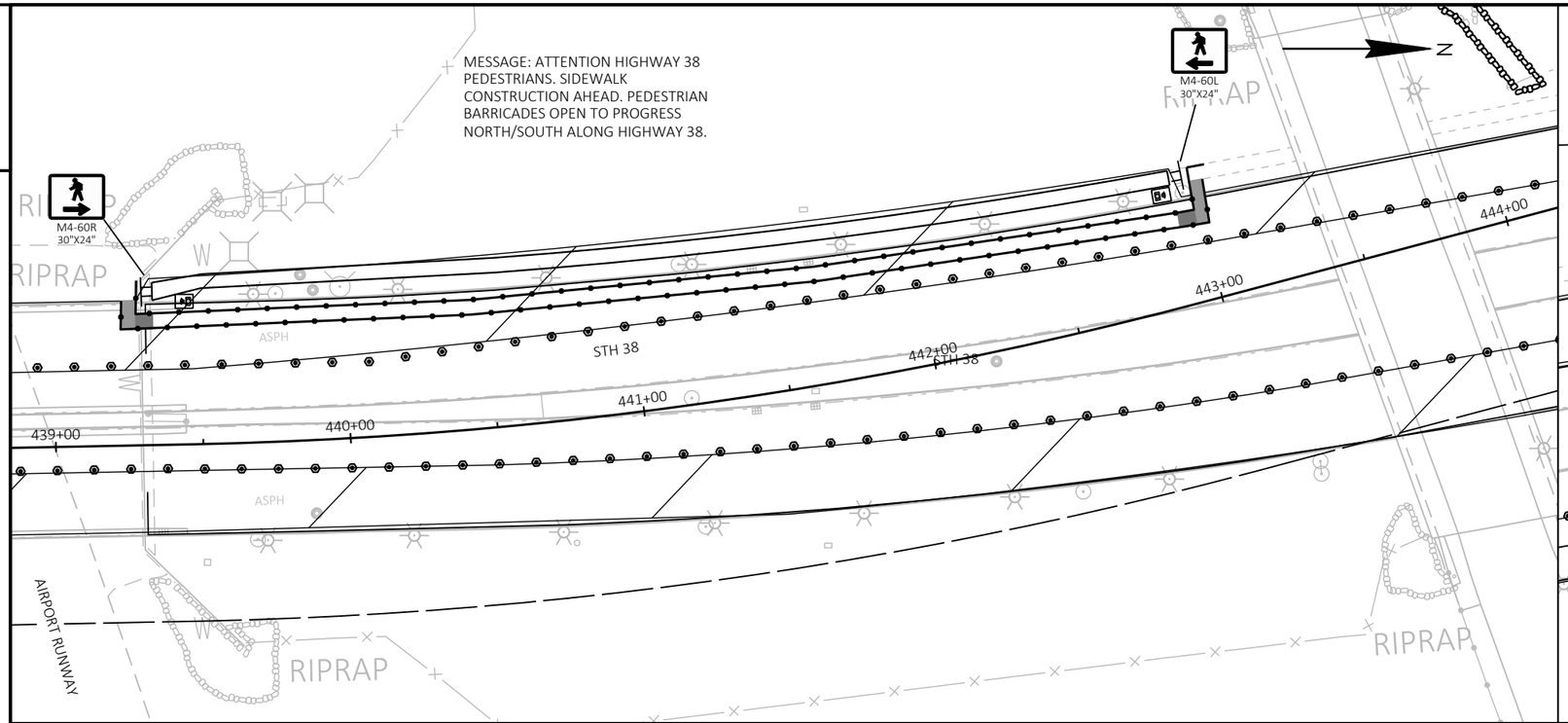
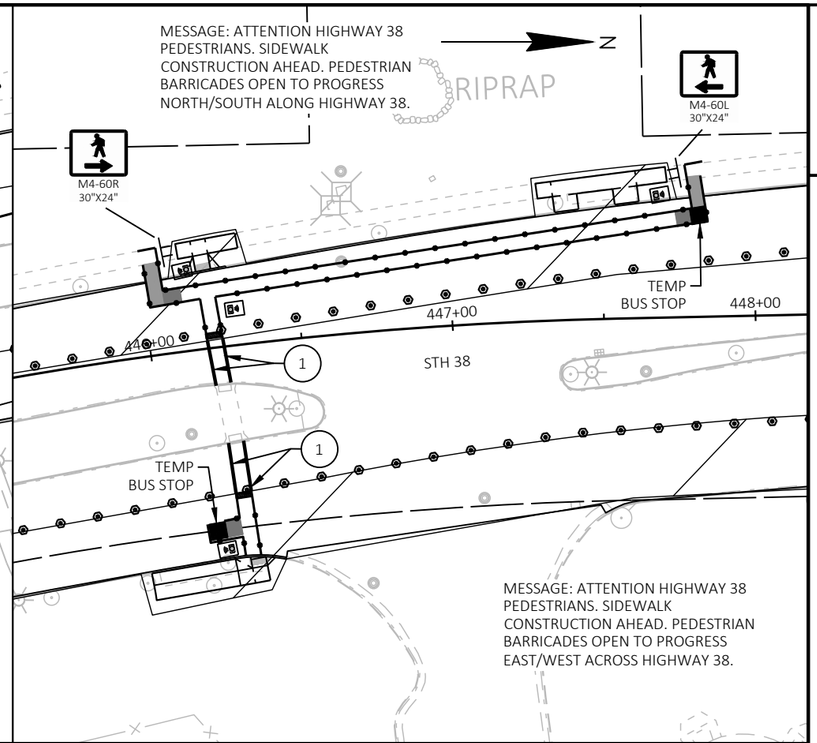
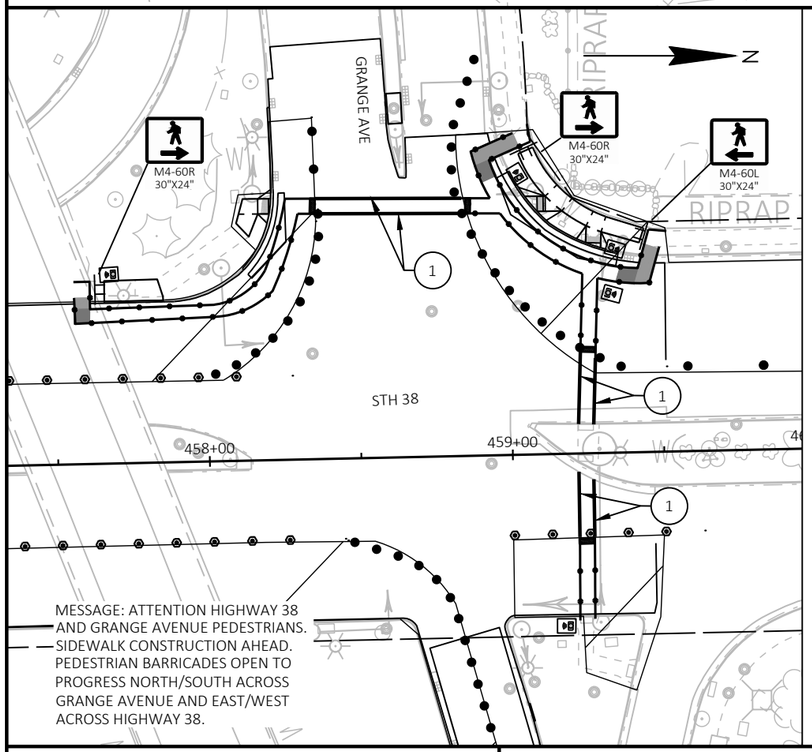
PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC CONTROL PEDESTRIAN ACCOMMODATIONS STAGE 2	SHEET 481	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\026207-TCPED-S2.DWG
LAYOUT NAME - 08
PLOT DATE : 7/17/2026 9:43 AM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 44







LEGEND

- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
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PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	TRAFFIC CONTROL PEDESTRIAN ACCOMMODATIONS STAGE 2	SHEET 482	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\026207-TCPED-S2.DWG
LAYOUT NAME - 09
PLOT DATE : 7/17/2026 9:43 AM
PLOT BY : TOM ORNER
PLOT NAME :
PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 44

2060-20-70

Line	Item	Item Description	Unit	Total	Qty
0002	108.4400	CPM Progress Schedule	EACH	0.800	0.800
0004	203.0335	Debris Containment Over Waterway (structure) 05. C-40-50	EACH	1.000	1.000
0008	204.0110	Removing Asphaltic Surface	SY	2,779.000	2,779.000
0010	204.0115	Removing Asphaltic Surface Butt Joints	SY	543.000	543.000
0012	204.0120	Removing Asphaltic Surface Milling	SY	288,100.000	288,100.000
0014	204.0130	Removing Curb	LF	177.000	177.000
0016	204.0150	Removing Curb & Gutter	LF	7,478.000	7,478.000
0018	204.0155	Removing Concrete Sidewalk	SY	4,360.000	4,360.000
0020	204.0165	Removing Guardrail	LF	340.000	340.000
0024	204.0195	Removing Concrete Bases	EACH	11.000	11.000
0026	204.0220	Removing Inlets	EACH	75.000	75.000
0028	204.0245	Removing Storm Sewer (size) 01. 8-Inch	LF	10.000	10.000
0030	204.0245	Removing Storm Sewer (size) 02. 10-Inch	LF	5.000	5.000
0032	204.0245	Removing Storm Sewer (size) 03. 12-Inch	LF	380.000	380.000
0034	204.0245	Removing Storm Sewer (size) 04. 15-Inch	LF	295.000	295.000
0036	204.0245	Removing Storm Sewer (size) 05. 18-Inch	LF	25.000	25.000
0038	204.0245	Removing Storm Sewer (size) 06. 24-Inch	LF	25.000	25.000
0044	204.9060.S	Removing (item description) 03. Traffic Signals STH 38 & Oakwood	EACH	1.000	1.000
0046	204.9060.S	Removing (item description) 04. Loop Detector Wire and Lead-In Cable STH 38 & Oakwood	EACH	1.000	1.000
0048	204.9060.S	Removing (item description) 05. Traffic Signals STH 38 & STH 100	EACH	1.000	1.000
0050	204.9060.S	Removing (item description) 06. Traffic Signals STH 38 & Centennial	EACH	1.000	1.000
0052	204.9060.S	Removing (item description) 07. Traffic Signals STH 38 & Forest Hill	EACH	1.000	1.000
0054	204.9060.S	Removing (item description) 08. Traffic Signals STH 38 & Susan	EACH	1.000	1.000
0056	204.9060.S	Removing (item description) 09. Traffic Signals STH 38 & Drexel	EACH	1.000	1.000
0058	204.9060.S	Removing (item description) 10. Traffic Signals STH 38 & Rawson	EACH	1.000	1.000
0060	204.9060.S	Removing (item description) 11. Traffic Signals STH 38 & College	EACH	1.000	1.000
0062	204.9060.S	Removing (item description) 12. Traffic Signals STH 38 & STH 119 Ramps	EACH	1.000	1.000
0064	204.9060.S	Removing (item description) 13. Traffic Signals STH 38 & Grange	EACH	1.000	1.000
0068	211.0101	Prepare Foundation for Asphaltic Paving (project) 02. 2060-20-70	EACH	1.000	1.000
0072	213.0100	Finishing Roadway (project) 02. 2060-20-70	EACH	1.000	1.000
0076	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	115.000	115.000
0078	310.0110	Base Aggregate Open-Graded	TON	39.000	39.000
0080	390.0100	Removing Pavement for Base Patching	CY	2,681.000	2,681.000
0082	390.0305	Base Patching Concrete HES	CY	2,681.000	2,681.000
0084	390.0405	Base Patching Concrete SHES	CY	118.000	118.000
0086	416.0610	Drilled Tie Bars	EACH	3,932.000	3,932.000
0088	416.0620	Drilled Dowel Bars	EACH	4,069.000	4,069.000
0090	416.1710	Concrete Pavement Repair	SY	261.000	261.000
0092	416.1720	Concrete Pavement Replacement	SY	3,065.000	3,065.000
0094	450.4000	HMA Cold Weather Paving	TON	12,660.000	12,660.000
0096	455.0605	Tack Coat	GAL	40,169.000	40,169.000
0098	460.0105.S	HMA Percent Within Limits (PWL) Test Strip Volumetrics	EACH	2.000	2.000
0100	460.0110.S	HMA Percent Within Limits (PWL) Test Strip Density	EACH	2.000	2.000
0102	460.2000	Incentive Density HMA Pavement	DOL	980.000	980.000
0104	460.2005	Incentive Density PWL HMA Pavement	DOL	30,000.000	30,000.000
0106	460.2007	Incentive Density HMA Pavement Longitudinal Joints	DOL	14,440.000	14,440.000
0108	460.2010	Incentive Air Voids HMA Pavement	DOL	50,400.000	50,400.000
0110	460.6425	HMA Pavement 5 MT 58-28 H	TON	51,930.000	51,930.000

2060-20-70

Line	Item	Item Description	Unit	Total	Qty
0112	465.0105	Asphaltic Surface	TON	670.000	670.000
0114	465.0110	Asphaltic Surface Patching	TON	880.000	880.000
0116	465.0120	Asphaltic Surface Driveways and Field Entrances	TON	15.000	15.000
0118	465.0305	Asphaltic Surface Safety Islands	TON	9.000	9.000
0120	492.2020.S	Cleaning and Sealing Cracks and Joints with Hot-Applied Sealant	MI	2.340	2.340
0122	509.1500	Concrete Surface Repair	SF	70.000	70.000
0124	520.8000	Concrete Collars for Pipe	EACH	148.000	148.000
0126	531.2036	Drilling Shaft 36-Inch	LF	18.000	18.000
0128	531.5310	Foundation Single-Shaft Type TC-I (structure) 05. S-40-3124	EACH	1.000	1.000
0130	532.5310	Truss Cantilever 2-Chord Type I (structure) 05. S-40-3124	EACH	1.000	1.000
0132	601.0105	Concrete Curb Type A	LF	74.000	74.000
0134	601.0319	Concrete Curb & Gutter 19-Inch	LF	388.000	388.000
0136	601.0331	Concrete Curb & Gutter 31-Inch	LF	6,636.000	6,636.000
0138	601.0413	Concrete Curb & Gutter 6-Inch Sloped 30-Inch Type G	LF	100.000	100.000
0140	601.0551	Concrete Curb & Gutter 4-Inch Sloped 36-Inch Type A	LF	173.000	173.000
0144	601.0581	Concrete Curb & Gutter 4-Inch Sloped 30-Inch Type R	LF	53.000	53.000
0146	601.0600	Concrete Curb Pedestrian	LF	1,523.000	1,523.000
0148	602.0410	Concrete Sidewalk 5-Inch	SF	38,410.000	38,410.000
0150	602.0505	Curb Ramp Detectable Warning Field Yellow	SF	2,728.000	2,728.000
0152	602.0605	Curb Ramp Detectable Warning Field Radial Yellow	SF	737.000	737.000
0156	604.9010.S	Slope Paving Repair Crushed Aggregate	CY	80.000	80.000
0158	606.0200	Riprap Medium	CY	30.000	30.000
0160	608.0412	Storm Sewer Pipe Reinforced Concrete Class IV 12-Inch	LF	375.000	375.000
0162	608.0415	Storm Sewer Pipe Reinforced Concrete Class IV 15-Inch	LF	310.000	310.000
0164	608.0418	Storm Sewer Pipe Reinforced Concrete Class IV 18-Inch	LF	25.000	25.000
0166	608.0424	Storm Sewer Pipe Reinforced Concrete Class IV 24-Inch	LF	25.000	25.000
0170	611.0654	Inlet Covers Type V	EACH	7.000	7.000
0172	611.0663	Inlet Covers Type X	EACH	7.000	7.000
0174	611.1004	Catch Basins 4-FT Diameter	EACH	4.000	4.000
0176	611.3004	Inlets 4-FT Diameter	EACH	28.000	28.000
0178	611.3225	Inlets 2x2.5-FT	EACH	43.000	43.000
0180	611.8110	Adjusting Manhole Covers	EACH	60.000	60.000
0182	611.8115	Adjusting Inlet Covers	EACH	32.000	32.000
0184	611.8120.S	Cover Plates Temporary	EACH	60.000	60.000
0186	611.9710	Salvaged Inlet Covers	EACH	58.000	58.000
0188	612.0406	Pipe Underdrain Wrapped 6-Inch	LF	370.000	370.000
0190	614.0010	Barrier System Grading Shaping Finishing	EACH	2.000	2.000
0192	614.0220	Steel Thrie Beam Bullnose Terminal	EACH	2.000	2.000
0194	614.0230	Steel Thrie Beam	LF	325.000	325.000
0196	614.0397	Guardrail Mow Strip Emulsified Asphalt	SY	910.000	910.000
0198	614.2500	MGS Thrie Beam Transition	LF	192.000	192.000
0202	618.0100	Maintenance and Repair of Haul Roads (project) 02. 2060-20-70	EACH	1.000	1.000
0204	619.1000	Mobilization	EACH	0.800	0.800
0206	620.0200	Concrete Median Blunt Nose	SF	78.000	78.000
0208	620.0300	Concrete Median Sloped Nose	SF	296.000	296.000
0210	624.0100	Water	MGAL	1.000	1.000
0212	625.0100	Topsoil	SY	576.000	576.000
0218	628.1530.S	Silt Fence Heavy Duty	LF	55.000	55.000
0220	628.1535.S	Silt Fence Heavy Duty Maintenance	LF	55.000	55.000

2060-20-70

Line	Item	Item Description	Unit	Total	Qty
0222	628.1905	Mobilizations Erosion Control	EACH	32.000	32.000
0224	628.1910	Mobilizations Emergency Erosion Control	EACH	12.000	12.000
0226	628.2006	Erosion Mat Urban Class I Type A	SY	127.000	127.000
0228	628.7005	Inlet Protection Type A	EACH	3.000	3.000
0230	628.7010	Inlet Protection Type B	EACH	229.000	229.000
0232	628.7015	Inlet Protection Type C	EACH	52.000	52.000
0234	628.7020	Inlet Protection Type D	EACH	241.000	241.000
0236	629.0210	Fertilizer Type B	CWT	39.000	39.000
0238	630.0120	Seeding Mixture No. 20	LB	2.000	2.000
0242	631.1000	Sod Lawn	SY	449.000	449.000
0246	634.0618	Posts Wood 4x6-Inch x 18-FT	EACH	831.000	831.000
0250	637.1220	Signs Type I Reflective SH	SF	49.000	49.000
0252	637.2210	Signs Type II Reflective H	SF	9,034.690	9,034.690
0254	637.2215	Signs Type II Reflective H Folding	SF	675.400	675.400
0256	637.2230	Signs Type II Reflective F	SF	1,801.750	1,801.750
0258	638.2602	Removing Signs Type II	EACH	1,271.000	1,271.000
0260	638.3000	Removing Small Sign Supports	EACH	817.000	817.000
0262	642.5401	Field Office Type D	EACH	0.800	0.800
0264	643.0300	Traffic Control Drums	DAY	490,300.000	490,300.000
0266	643.0420	Traffic Control Barricades Type III	DAY	55,270.000	55,270.000
0268	643.0500	Traffic Control Flexible Tubular Marker Posts	EACH	113.000	113.000
0270	643.0600	Traffic Control Flexible Tubular Marker Bases	EACH	113.000	113.000
0272	643.0705	Traffic Control Warning Lights Type A	DAY	110,410.000	110,410.000
0274	643.0715	Traffic Control Warning Lights Type C	DAY	71,260.000	71,260.000
0276	643.0810	Traffic Control Connected Arrow Boards	DAY	4,718.000	4,718.000
0278	643.0900	Traffic Control Signs	DAY	184,270.000	184,270.000
0280	643.0920	Traffic Control Covering Signs Type II	EACH	60.000	60.000
0282	643.1000	Traffic Control Signs Fixed Message	SF	151.000	151.000
0284	643.1050	Traffic Control Signs PCMS	DAY	78.000	78.000
0286	643.1070	Traffic Control Cones 42-Inch	DAY	738,100.000	738,100.000
0288	643.1220	Traffic Control Connected Work Zone Start and End Location Markers	DAY	446.000	446.000
0290	643.3150	Temporary Marking Line Removable Tape 4-Inch	LF	6,040.000	6,040.000
0292	643.3165	Temporary Marking Line Paint 6-Inch	LF	70,800.000	70,800.000
0294	643.3180	Temporary Marking Line Removable Tape 6-Inch	LF	77,003.000	77,003.000
0296	643.3305	Temporary Marking Crosswalk Paint 6-Inch	LF	16,300.000	16,300.000
0298	643.3350	Temporary Marking Crosswalk Removable Tape 6-Inch	LF	2,345.000	2,345.000
0300	643.3960	Temporary Marking Removable Mask Out Tape 6-Inch	LF	8,447.000	8,447.000
0302	643.3990	Temporary Marking Removable Mask Out Tape 12-Inch	LF	53.000	53.000
0304	643.5000	Traffic Control	EACH	0.800	0.800
0306	644.1410	Temporary Pedestrian Surface Asphalt	SF	17,200.000	17,200.000
0310	644.1601	Temporary Pedestrian Curb Ramp	DAY	4,045.000	4,045.000
0312	644.1605	Temporary Pedestrian Detectable Warning Field	SF	2,618.000	2,618.000
0314	644.1810	Temporary Pedestrian Barricade	LF	38,130.000	38,130.000
0316	644.1900.S	Temporary Audible Message Devices	DAY	4,033.000	4,033.000
0318	645.0120	Geotextile Type HR	SY	60.000	60.000
0322	646.1020	Marking Line Epoxy 4-Inch	LF	4,840.000	4,840.000
0324	646.2025	Marking Line Grooved Black Epoxy 6-Inch	LF	20,340.000	20,340.000
0326	646.2040	Marking Line Grooved Wet Ref Epoxy 6-Inch	LF	120,121.000	120,121.000
0328	646.3020	Marking Line Epoxy 8-Inch	LF	5,024.000	5,024.000

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Line	Item	Item Description	Unit	Total	Qty
0330	646.4040	Marking Line Grooved Wet Ref Epoxy 10-Inch	LF	32,439.000	32,439.000
0332	646.5020	Marking Arrow Epoxy	EACH	164.000	164.000
0334	646.5120	Marking Word Epoxy	EACH	74.000	74.000
0336	646.6120	Marking Stop Line Epoxy 18-Inch	LF	1,929.000	1,929.000
0338	646.7120	Marking Diagonal Epoxy 12-Inch	LF	9,891.000	9,891.000
0340	646.7420	Marking Crosswalk Epoxy Transverse Line 6-Inch	LF	10,127.000	10,127.000
0342	646.7520	Marking Crosswalk Epoxy Block Style 24-Inch	LF	256.000	256.000
0344	646.8120	Marking Curb Epoxy	LF	4,424.000	4,424.000
0346	646.8220	Marking Island Nose Epoxy	EACH	83.000	83.000
0348	646.9010	Marking Removal Line Water Blasting 4-Inch	LF	307.000	307.000
0350	646.9012	Marking Removal Line Water Blasting 6-Inch	LF	1,644.000	1,644.000
0352	646.9050	Marking Removal Line Grooved Permanent Tape 4-Inch	LF	16,190.000	16,190.000
0354	646.9110	Marking Removal Line Water Blasting 8-Inch	LF	14.000	14.000
0356	646.9210	Marking Removal Line Water Blasting Wide	LF	214.000	214.000
0358	646.9310	Marking Removal Special Marking Water Blasting	EACH	74.000	74.000
0360	650.4000	Construction Staking Storm Sewer	EACH	77.000	77.000
0362	650.5500	Construction Staking Curb Gutter and Curb & Gutter	LF	8,140.000	8,140.000
0364	650.8000	Construction Staking Resurfacing Reference	LF	67,410.000	67,410.000
0368	650.8501	Construction Staking Electrical Installations (project) 02. 2060-20-70	EACH	1.000	1.000
0370	650.9000	Construction Staking Curb Ramps	EACH	457.000	457.000
0374	650.9500	Construction Staking Sidewalk (project) 02. 2060-20-70	EACH	1.000	1.000
0378	650.9911	Construction Staking Supplemental Control (project) 02. 2060-20-70	EACH	1.000	1.000
0380	652.0225	Conduit Rigid Nonmetallic Schedule 40 2-Inch	LF	1,565.000	1,565.000
0382	652.0235	Conduit Rigid Nonmetallic Schedule 40 3-Inch	LF	70.000	70.000
0384	652.0605	Conduit Special 2-Inch	LF	675.000	675.000
0388	652.0800	Conduit Loop Detector	LF	15,768.000	15,768.000
0390	653.0135	Pull Boxes Steel 24x36-Inch	EACH	25.000	25.000
0392	653.0140	Pull Boxes Steel 24x42-Inch	EACH	4.000	4.000
0394	653.0905	Removing Pull Boxes	EACH	4.000	4.000
0396	654.0101	Concrete Bases Type 1	EACH	8.000	8.000
0400	654.0110	Concrete Bases Type 10	EACH	3.000	3.000
0402	654.0120	Concrete Bases Type 10-Special	EACH	1.000	1.000
0406	655.0230	Cable Traffic Signal 5-14 AWG	LF	473.000	473.000
0408	655.0240	Cable Traffic Signal 7-14 AWG	LF	1,918.000	1,918.000
0410	655.0260	Cable Traffic Signal 12-14 AWG	LF	1,335.000	1,335.000
0414	655.0515	Electrical Wire Traffic Signals 10 AWG	LF	2,500.000	2,500.000
0418	655.0700	Loop Detector Lead In Cable	LF	44,757.000	44,757.000
0420	655.0800	Loop Detector Wire	LF	54,319.000	54,319.000
0422	655.0900	Traffic Signal EVP Detector Cable	LF	1,280.000	1,280.000
0426	657.0100	Pedestal Bases	EACH	8.000	8.000
0432	657.0425	Traffic Signal Standards Aluminum 15-FT	EACH	2.000	2.000
0434	657.0430	Traffic Signal Standards Aluminum 10-FT	EACH	6.000	6.000
0438	658.0173	Traffic Signal Face 3S 12-Inch	EACH	9.000	9.000
0440	658.0174	Traffic Signal Face 4S 12-Inch	EACH	4.000	4.000
0442	658.0416	Pedestrian Signal Face 16-Inch	EACH	8.000	8.000
0444	658.0500	Pedestrian Push Buttons	EACH	10.000	10.000
0448	658.5070	Signal Mounting Hardware (location) 02. STH 38 & Oakwood	EACH	1.000	1.000
0452	659.5000.S	Lamp, Ballast, LED, Switch Disposal by Contractor	EACH	20.000	20.000
0454	690.0150	Sawing Asphalt	LF	1,710.000	1,710.000

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Line	Item	Item Description	Unit	Total	Qty
0456	690.0250	Sawing Concrete	LF	25,189.000	25,189.000
0458	740.0440	Incentive IRI Ride	DOL	48,060.000	48,060.000
0464	SPV.0060	Special 01. Inlet Covers Type 57	EACH	9.000	9.000
0466	SPV.0060	Special 02. Clean Inlets	EACH	49.000	49.000
0468	SPV.0060	Special 03. Repair Inlets	EACH	179.000	179.000
0470	SPV.0060	Special 04. Connect Underdrain	EACH	74.000	74.000
0472	SPV.0060	Special 05. Temporary Bus Stop	EACH	16.000	16.000
0474	SPV.0060	Special 06. Section Corner Monuments	EACH	12.000	12.000
0476	SPV.0060	Special 07. Adjusting Water Valve Boxes	EACH	25.000	25.000
0482	SPV.0060	Special 10. Adjusting CUC Manhole Covers	EACH	6.000	6.000
0484	SPV.0060	Special 11. Curb Ramp Grading, Shaping, and Finishing	EACH	146.000	146.000
0486	SPV.0060	Special 12. Moving (RRFB) System STH 38 at Oak Creek Pkwy Northbound	EACH	1.000	1.000
0488	SPV.0060	Special 13. Moving (RRFB) System STH 38 at Oak Creek Pkwy Northbound Median Back to Back	EACH	1.000	1.000
0490	SPV.0060	Special 14. Moving (RRFB) System STH 38 at Oak Creek Pkwy Southbound	EACH	1.000	1.000
0492	SPV.0060	Special 15. Moving (RRFB) System STH 38 at Groveland Drive Northbound East	EACH	1.000	1.000
0494	SPV.0060	Special 16. Moving (RRFB) System STH 38 at Groveland Dr NB East Median Back to Back	EACH	1.000	1.000
0496	SPV.0060	Special 17. Moving (RRFB) System STH 38 Northbound West	EACH	1.000	1.000
0498	SPV.0060	Special 18. Moving (RRFB) System STH 38 at Groveland Drive Southbound West	EACH	1.000	1.000
0500	SPV.0060	Special 19. Moving (RRFB) System STH 38 at Groveland Drive Southbound East	EACH	1.000	1.000
0502	SPV.0060	Special 20. Moving (RRFB) System STH 38 at Groveland Dr NB West Median Back to Back	EACH	1.000	1.000
0504	SPV.0060	Special 50. Install Type 9 Pole	EACH	3.000	3.000
0506	SPV.0060	Special 51. Install Type 9 Special Pole	EACH	1.000	1.000
0510	SPV.0060	Special 53. Install Monotube Arms 20-Ft	EACH	1.000	1.000
0512	SPV.0060	Special 54. Install Monotube Arms 25-Ft	EACH	2.000	2.000
0518	SPV.0060	Special 57. Install Monotube Arms 40-Ft Special	EACH	1.000	1.000
0528	SPV.0060	Special 62. Transport Traffic Signal & Intersection Lighting Materials STH 38 & Oakwood	EACH	1.000	1.000
0532	SPV.0060	Special 64. Transport and Install State Furnished EVP Detector Heads STH 38 & Oakwood	EACH	1.000	1.000
0534	SPV.0060	Special 65. Modify Traffic Signals STH 38 & Oakwood	EACH	1.000	1.000
0536	SPV.0060	Special 66. Transport and Install State Furnished Observation Camera STH 38 & STH 100	EACH	1.000	1.000
0538	SPV.0060	Special 67. Transport and Install State Furnished Observation Camera STH 38 & Puetz	EACH	1.000	1.000
0540	SPV.0060	Special 68. Transport and Install State Furnished Observation Camera STH 38 & Drexel	EACH	1.000	1.000
0542	SPV.0060	Special 69. Transport and Install State Furnished Observation Camera STH 38 & Rawson	EACH	1.000	1.000
0544	SPV.0060	Special 70. Transport and Install State Furnished Observation Camera STH 38 & College	EACH	1.000	1.000
0546	SPV.0090	Special 01. Sawing Curb Head	LF	349.000	349.000
0548	SPV.0090	Special 02. Ditching and Shaping	LF	127.000	127.000
0550	SPV.0090	Special 03. Storm Sewer Pipe PVC SDR 35 8-Inch	LF	10.000	10.000
0552	SPV.0090	Special 04. Storm Sewer Pipe PVC SDR 35 10-Inch	LF	5.000	5.000
0554	SPV.0090	Special 05. Storm Sewer Pipe PVC SDR 35 12-Inch	LF	5.000	5.000
0556	SPV.0180	Special 01. Remove Riprap & Regrade Channel	SY	60.000	60.000
0558	SPV.0180	Special 02. Methacrylate Flood Seal	SY	954.000	954.000
0560	SPV.0180	Special 03. Reseal Crushed Aggregate Slope Paving Special	SY	945.000	945.000

ASPHALT REMOVALS

CATEGORY	STAGE	ROADWAY	STATION	TO	STATION	O/S	204.0110 REMOVING ASPHALTIC SURFACE SY	204.0115 REMOVING ASPHALTIC SURFACE BUTT JOINTS SY	204.0120 REMOVING ASPHALTIC SURFACE MILLING SY
0010									
	1	STH 38	176+00	-	199+50	LT/RT	--	18	8,190
			199+50	-	250+00	LT/RT	--	10	17,900
			250+00	-	300+00	LT/RT	--	--	17,600
			300+00	-	350+00	LT/RT	--	--	16,700
			350+00	-	390+00	LT/RT	--	--	12,400
			390+00	-	431+30	LT/RT	--	8	12,200
			431+30	-	439+30	LT/RT	--	--	--
			439+30	-	459+51	LT/RT	--	18	6,670
		SUBTOTAL					--	54	91,660
	2	STH 38	176+00	-	199+50	LT/RT	270	79	16,500
			199+50	-	250+00	LT/RT	320	100	35,200
			250+00	-	300+00	LT/RT	780	89	37,200
			300+00	-	350+00	LT/RT	750	78	36,500
			350+00	-	390+00	LT/RT	69	31	24,700
			390+00	-	431+30	LT/RT	230	46	24,800
			431+30	-	439+30	LT/RT	--	--	--
			439+30	-	459+51	LT/RT	160	50	13,100
		SUBTOTAL					2,579	473	188,000
		CATEGORY 0010 TOTAL					2,579	527	279,660
0070									
	1	STH 38	122+81	-	176+00	LT/RT	--	--	400
		SUBTOTAL					--	--	400
	2	STH 38	122+81	-	176+00	LT/RT	200	16	8,040
		SUBTOTAL					200	16	8,040
		CATEGORY 0070 TOTAL					200	16	8,440
		TOTAL					2,779	543	288,100

CONCRETE REMOVALS

CATEGORY	STAGE	ROADWAY	STATION	TO	STATION	O/S	204.0130 REMOVING CURB LF	204.0150 REMOVING CURB & GUTTER LF	204.0155 REMOVING CONCRETE SIDEWALK SY
0010									
	1	STH 38	176+00	-	199+50	MEDIAN	--	42	27
			199+50	-	250+00	MEDIAN	--	82	64
			250+00	-	300+00	MEDIAN	--	280	120
			300+00	-	350+00	MEDIAN	--	120	53
			350+00	-	390+00	MEDIAN	--	140	31
			390+00	-	431+30	MEDIAN	--	200	74
			431+30	-	439+30	MEDIAN	--	--	--
			439+30	-	459+51	MEDIAN	--	48	34
				UNDISTRIBUTED			--	46	--
		SUBTOTAL					--	958	403
	2	STH 38	176+00	-	199+50	LT/RT	21	770	420
			199+50	-	250+00	LT/RT	--	1,020	810
			250+00	-	300+00	LT/RT	--	890	750
			300+00	-	350+00	LT/RT	--	550	320
			350+00	-	390+00	LT/RT	34	410	220
			390+00	-	431+30	LT/RT	62	720	420
			431+30	-	439+30	LT/RT	--	--	--
			439+30	-	459+51	LT/RT	--	200	330
				UNDISTRIBUTED			10	230	--
		SUBTOTAL					127	4,790	3,270
		CATEGORY 0010 TOTAL					127	5,748	3,673
0070									
	1	STH 38	122+81	-	176+00	MEDIAN	--	240	87
				UNDISTRIBUTED			--	20	--
		SUBTOTAL					--	260	87
	2	STH 38	122+81	-	176+00	LT/RT	40	1,400	600
				UNDISTRIBUTED			10	70	--
		SUBTOTAL					50	1,470	600
		CATEGORY 0070 TOTAL					50	1,730	687
		TOTAL					127	5,748	3,673

REMOVING GUARDRAIL

CATEGORY	STAGE	ROADWAY	STATION	TO	STATION	O/S	204.0165 REMOVING GUARDRAIL LF
0010							
	1	STH 38	198+07	-	198+98	LT/RT	170
			200+06	-	200+96	LT/RT	170
		SUBTOTAL					340
		TOTAL					340

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REMOVING MISCELLANEOUS STRUCTURES

CATEGORY	STAGE	ROADWAY	STATION	TO	STATION	O/S	204.0220 REMOVING INLETS EA
0010							
	1	STH 38	176+00	-	459+51	UNDISTRIBUTED	38
		SUBTOTAL					38
	2	STH 38		197+24.7		54.3' RT	1
				210+74.7		53.6' LT	1
				213+38.0		54.2' RT	1
				213+39.0		53.6' LT	1
				225+44.8		54.6' RT	1
				225+99.7		52.4' LT	1
				228+48.9		54.3' LT	1
				229+01.0		54.0' RT	1
				230+49.8		53.8' LT	1
				230+52.1		54.2' LT	1
				230+75.7		54.2' RT	1
				230+97.8		53.3' RT	1
				254+27.2		53.9' RT	1
				255+50.3		53.9' RT	1
				256+01.8		53.9' RT	1
				264+25.2		53.9' RT	1
				297+00.0		54.0' RT	1
				299+00.2		54.2' RT	1
				310+00.0		54.0' RT	1
				310+49.8		54.0' LT	1
				310+50.0		54.2' RT	1
				330+43.9		54.3' RT	1
				337+25.3		59.4' RT	1
				349+51.0		56.5' RT	1
				349+99.6		55.0' LT	1
				352+25.0		54.4' RT	1
				352+99.9		54.0' LT	1
				372+25.1		47.2' LT	1
			350+00	-	459+51	UNDISTRIBUTED	2
		SUBTOTAL					30
		CATEGORY 0010 TOTAL					68
0070							
	1	STH 38	122+80	-	176+00	UNDISTRIBUTED	7
		SUBTOTAL					7
		CATEGORY 0070 TOTAL					7
		TOTAL					68

REMOVING STORM SEWER

CATEGORY	STAGE	ROADWAY	STATION	TO	STATION	O/S	204.0245.01 REMOVING STORM SEWER 8-INCH LF	204.0245.02 REMOVING STORM SEWER 10-INCH LF	204.0245.03 REMOVING STORM SEWER 12-INCH LF	204.0245.04 REMOVING STORM SEWER 15-INCH LF	204.0245.05 REMOVING STORM SEWER 18-INCH LF	204.0245.06 REMOVING STORM SEWER 24-INCH LF
0010												
	1	STH 38	176+00	-	459+51	UNDISTRIBUTED	--	--	176	185	--	--
		SUBTOTAL					--	--	176	185	--	--
	2	STH 38		197+24.7		54.3' RT	--	--	5	--	--	--
				210+74.7		53.6' LT	--	--	5	10	--	--
				213+38.0		54.2' RT	--	--	--	5	5	--
				213+39.0		53.6' LT	--	--	5	--	--	--
				225+44.8		54.6' RT	--	--	5	--	--	--
				225+99.7		52.4' LT	5	--	5	--	--	--
				228+48.9		54.3' LT	--	--	10	--	--	--
				229+01.0		54.0' RT	--	--	10	--	--	--
				230+49.8		53.8' LT	5	--	10	--	--	--
				230+52.1		54.2' LT	--	--	15	--	--	--
				230+75.7		54.2' RT	--	--	5	5	--	--
				230+97.8		53.3' RT	--	--	--	5	5	--
				254+27.2		53.9' RT	--	--	5	--	--	--
				255+50.3		53.9' RT	--	--	15	--	--	--
				256+01.8		53.9' RT	--	--	10	--	--	--
				264+25.2		53.9' RT	--	--	--	10	--	--
				297+00.0		54.0' RT	--	--	--	10	--	--
				299+00.2		54.2' RT	--	--	15	--	--	--
				310+00.0		54.0' RT	--	--	5	5	--	--
				310+49.8		54.0' LT	--	--	--	10	--	5
				310+50.0		54.2' RT	--	--	--	--	5	10
				330+43.9		54.3' RT	--	--	5	--	--	--
				337+25.3		59.4' RT	--	--	10	--	--	--
				349+51.0		56.5' RT	--	--	--	--	5	--
				349+99.6		55.0' LT	--	--	10	--	5	--
				352+25.0		54.4' RT	--	5	5	--	--	10
				352+99.9		54.0' LT	--	--	--	5	--	--
				372+25.1		47.2' LT	--	--	5	--	--	--
			350+00	-	459+51	UNDISTRIBUTED	--	--	10	10	--	--
		SUBTOTAL					10	5	170	75	25	25
		CATEGORY 0010 TOTAL					10	5	346	260	25	25
0070												
	1	STH 38	122+81	-	176+00	UNDISTRIBUTED	--	--	34	35	--	--
		SUBTOTAL					--	--	34	35	--	--
		CATEGORY 0070 TOTAL					--	--	34	35	--	--
		TOTAL					10	5	380	295	25	25

BASE AGGREGATE ITEMS

CATEGORY	STAGE	ROADWAY	STATION	TO	STATION	O/S	305.0120 BASE AGGREGATE DENSE 1 1/4-INCH TON	624.0100 WATER MGAL
0010								
	1	STH 38	300+00	-	350+00	LT/RT	5	--
	2	STH 38	439+30	-	459+51	LT/RT	110	1
		TOTAL					115	1

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BASE PATCHING CONCRETE

CATEGORY	STAGE	ROADWAY	STATION	TO	STATION	O/S	390.0100 REMOVING PAVEMENT FOR BASE PATCHING CY	* 390.0305 BASE PATCHING CONCRETE HES CY	* 416.0610 DRILLED TIE BARS EACH
0010									
	1	STH 38	176+00	-	199+50	LT/RT	130	130	20
			199+50	-	250+00	LT/RT	50	50	10
			250+00	-	300+00	LT/RT	190	190	30
			300+00	-	350+00	LT/RT	73	73	10
			350+00	-	390+00	LT/RT	27	27	10
			390+00	-	431+30	LT/RT	72	72	10
					439+30		63	63	10
					UNDISTRIBUTED		605	605	25
		SUBTOTAL					1,210	1,210	125
	2	STH 38	176+00	-	199+50	LT/RT	59	59	10
			199+50	-	250+00	LT/RT	170	170	20
			250+00	-	300+00	LT/RT	70	70	10
			300+00	-	350+00	LT/RT	62	62	10
			350+00	-	390+00	LT/RT	33	33	10
			390+00	-	431+30	LT/RT	130	130	20
			439+30	-	459+51	LT/RT	66	66	10
					UNDISTRIBUTED		590	590	23
		SUBTOTAL					1,180	1,180	113
		CATEGORY 0010 TOTAL					2,390	2,390	238
0080									
	1	STH 38	247+90	-	250+00	RT	9	9	10
			250+00	-	300+00	LT/RT	22	22	10
		SUBTOTAL					31	31	20
	2	STH 38	199+50	-	250+00	LT/RT	70	70	10
			250+00	-	300+00	LT/RT	190	190	30
		SUBTOTAL					260	260	40
		CATEGORY 0080 TOTAL					291	291	60
		PROJECT TOTAL					2,681	2,681	298

* ADDITIONAL QUANTITIES ELSEWHERE

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\030201-MQ.DWG
LAYOUT NAME - 04
PLOT DATE : 1/29/2026 3:24 PM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1" = 1'
WISDOT/CADDS SHEET 42

3

CONCRETE ITEMS

CATEGORY	STAGE	ROADWAY	STATION	TO	STATION	O/S	416.1710 CONCRETE PAVEMENT REPAIR SY	416.1720 CONCRETE PAVEMENT REPLACEMENT SY	* 416.0610 DRILLED TIE BARS EACH	416.0620 DRILLED DOWEL BARS EACH
0010										
	1	STH 38	176+00	-	199+50	MAINLINE	--	--	24	96
			199+50	-	250+00	MAINLINE	--	--	94	112
			250+00	-	300+00	MAINLINE	--	--	40	208
			300+00	-	350+00	MAINLINE	--	--	50	128
			350+00	-	390+00	MAINLINE	--	--	67	96
			390+00	-	431+30	MAINLINE	--	--	--	176
			431+30	-	439+30	MAINLINE	--	--	17	96
			439+30	-	459+51	MAINLINE	--	8	20	112
					UNDISTRIBUTED		--	10	20	60
		SUBTOTAL					--	18	332	1,084
	2	STH 38	176+00	-	199+50	MAINLINE	--	542	498	368
			199+50	-	250+00	MAINLINE	--	101	434	608
			250+00	-	300+00	MAINLINE	--	452	526	304
			300+00	-	350+00	MAINLINE	--	24	196	448
			350+00	-	390+00	MAINLINE	10	81	189	160
			390+00	-	431+30	MAINLINE	6	326	410	384
			431+30	-	439+30	MAINLINE	--	--	--	--
			439+30	-	459+51	MAINLINE	--	30	79	176
					UNDISTRIBUTED		135	235	185	123
		SUBTOTAL					151	1,791	2,517	2,571
		CATEGORY 0010 TOTAL					151	1,809	2,849	3,655
0070										
	1	STH 38	122+81	-	176+00	MAINLINE	--	250	142	144
					UNDISTRIBUTED		--	20	10	10
		SUBTOTAL					--	270	152	154
	2	STH 38	122+81	-	176+00	MAINLINE	100	936	901	240
					UNDISTRIBUTED		10	50	50	20
		SUBTOTAL					110	986	951	260
		CATEGORY 0070 TOTAL					110	1,256	1,103	414
		TOTAL					261	3,065	3,952	4,069

* ADDITIONAL QUANTITIES ELSEWHERE

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ASPHALTIC PAVING

CATEGORY	STAGE	ROADWAY	STATION	TO	STATION	LOCATION	211.0101 PREPARE FOUNDATION FOR ASPHALTIC PAVING (2060-20-70) EACH	450.4000 HMA COLD WEATHER PAVING TON	455.0605 TACK COAT GAL	460.6425 HMA PAVEMENT 5 MT 58-28 H TON	465.0105 ASPHALTIC SURFACE TON	* 465.0110 ASPHALTIC SURFACE PATCHING TON	465.0120 ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES TON	465.0305 ASPHALTIC SURFACE SAFETY ISLAND TON	492.2020.S CLEANING AND SEALING CRACKS AND JOINTS WITH HOT-APPLIED SEALANT MI
0010															
	1	STH 38	122+81	-	459+51	MAINLINE	1	--	--	--	--	--	--	--	--
			176+00	-	199+50	MAINLINE	--	370	1,150	1,480	--	15	--	--	--
			199+50	-	250+00	MAINLINE	--	810	2,510	3,230	--	33	--	--	--
			250+00	-	300+00	MAINLINE	--	800	2,470	3,170	--	32	--	--	--
			300+00	-	350+00	MAINLINE	--	760	2,340	3,010	--	31	--	--	--
			350+00	-	390+00	MAINLINE	--	560	1,740	2,240	--	23	--	--	--
			390+00	-	431+30	MAINLINE	--	550	1,710	2,200	--	22	--	--	--
			431+30	-	439+30	MAINLINE	--	--	--	--	--	--	--	--	0.16
			439+30	-	459+51	MAINLINE	--	310	934	1,210	--	13	--	--	--
		SUBTOTAL					1	4,160	12,854	16,540	--	169	--	--	0.16
	2	STH 38	176+00	-	199+50	MAINLINE	--	750	2,350	2,970	65	30	--	--	--
			199+50	-	250+00	MAINLINE	--	1,590	4,980	6,340	77	64	6	--	--
			250+00	-	300+00	MAINLINE	--	1,680	5,320	6,700	188	67	8	--	--
			300+00	-	350+00	MAINLINE	--	1,650	5,220	6,570	180	66	--	4	--
			350+00	-	390+00	MAINLINE	--	1,120	3,470	4,450	17	45	1	--	--
			390+00	-	431+30	MAINLINE	--	1,120	3,510	4,470	56	45	--	5	--
			431+30	-	439+30	MAINLINE	--	--	--	--	--	--	--	--	0.16
			439+30	-	459+51	MAINLINE	--	590	1,860	2,360	39	24	--	--	--
		SUBTOTAL					--	8,500	26,710	33,860	622	341	15	9	0.16
		CATEGORY 0100 TOTAL					1	12,660	39,564	50,400	622	510	15	9	0.32
0070															
	1	STH 38	122+81	-	176+00	MAINLINE	--	--	28	80	--	1	--	--	1.01
		SUBTOTAL					--	--	28	80	--	1	--	--	1.01
	2	STH 38	122+81	-	176+00	MAINLINE	--	--	577	1,450	48	15	--	--	1.01
		SUBTOTAL					--	--	577	1,450	48	15	--	--	1.01
		CATEGORY 0070 TOTAL					--	--	605	1,530	48	16	--	--	2.02
		TOTAL					1	12,660	40,169	51,930	670	526	15	9	2.34

* ADDITIONAL QUANTITIES ELSEWHERE

PWL TEST STRIP

CATEGORY	ROADWAY	STATION	TO	STATION	460.0105.S HMA PERCENT WITHIN LIMITS (PWL) TEST STRIP VOLUMETRICS EACH	460.0110.S HMA PERCENT WITHIN LIMITS (PWL) TEST STRIP DENSITY EACH
0010						
	STH 38	176+00	-	459+51	2	2
	TOTAL				2	2

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HMA PAVEMENT PWL QMP MIXTURE ACCEPTANCE TABLE

DESCRIPTION	STATION	MIXTURE USE	UNDERLYING SURFACE	BID ITEM	TONS	THICKNESS	QUALITY MANAGEMENT PROGRAM TO USE	
							MIXTURE ACCEPTANCE	DENSITY ACCEPTANCE
12-FOOT SHOULDER	125+64 TO 176+00	SINGLE LAYER	MILLED EXISTING HMA SURFACE	HMA PAVEMENT 5 MT 58-28 H	1,530	3"	QMP (SS 460.2.8)	INCENTIVE DENSITY HMA PAVEMENT 460.2000
DRIVING LANES 11-12 FOOT	176+00 TO 199+50 200+05 TO 431+01 439+30 TO 459+51	LOWER LAYER	MILLED EXISTING CONCRETE SURFACE	HMA PAVEMENT 5 MT 58-28 H	15,000	1.5"	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	INCENTIVE DENSITY PWL HMA PAVEMENT 460.2005
DRIVING LANES 11-12 FOOT	176+00 TO 199+50 200+05 TO 431+01 439+30 TO 459+52	UPPER LAYER	5 MT 58-28 H	HMA PAVEMENT 5 MT 58-28 H	15,000	1.5"	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	INCENTIVE DENSITY PWL HMA PAVEMENT 460.2005
SHOULDERS, SIDEROADS, & TURN LANES	176+00 TO 199+50 200+05 TO 431+01 439+30 TO 459+53	LOWER LAYER	MILLED EXISTING CONCRETE SURFACE	HMA PAVEMENT 5 MT 58-28 H	10,200	1.5"	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	DEPARTMENT ACCEPTANCE (SS 460.3.3.2) *NOT ELIGIBLE FOR INCENTIVE
SHOULDERS, SIDEROADS, & TURN LANES	176+00 TO 199+50 200+05 TO 431+01 439+30 TO 459+54	UPPER LAYER	5 MT 58-28 H	HMA PAVEMENT 5 MT 58-28 H	10,200	1.5"	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	DEPARTMENT ACCEPTANCE (SS 460.3.3.2) *NOT ELIGIBLE FOR INCENTIVE

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							CONCRETE CURB & GUTTER ITEMS						
							601.0105	601.0319	601.0331	601.0413	601.0551	601.0581	601.0600
CATEGORY	STAGE	ROADWAY	STATION	TO	STATION	O/S	CONCRETE CURB TYPE A LF	CONCRETE CURB & GUTTER 19-INCH LF	CONCRETE CURB & GUTTER 31-INCH LF	CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G LF	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE A LF	CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE R LF	CONCRETE CURB PEDESTRIAN LF
0010													
	1	STH 38	176+00	-	199+50	MEDIAN	--	--	50	--	--	--	10
			199+50	-	250+00	MEDIAN	--	--	70	--	--	--	50
			250+00	-	300+00	MEDIAN	--	--	280	--	--	--	20
			300+00	-	350+00	MEDIAN	--	--	120	--	--	--	60
			350+00	-	390+00	MEDIAN	--	--	150	--	--	--	80
			390+00	-	431+30	MEDIAN	--	--	200	--	--	--	100
			431+30	-	439+30	MEDIAN	--	--	--	--	--	--	--
			439+30	-	459+51	MEDIAN	--	--	50	--	--	--	40
					UNDISTRIBUTED		--	--	46	--	--	--	--
		SUBTOTAL					--	--	966	--	--	--	360
	2	STH 38	176+00	-	199+50	LT/RT	--	148	360	100	73	--	160
			199+50	-	250+00	LT/RT	--	150	900	--	100	--	200
			250+00	-	300+00	LT/RT	--	90	810	--	--	--	290
			300+00	-	350+00	LT/RT	--	--	550	--	--	--	90
			350+00	-	390+00	LT/RT	--	--	430	--	--	--	60
			390+00	-	431+30	LT/RT	32	--	700	--	--	--	90
			431+30	-	439+30	LT/RT	--	--	--	--	--	--	--
			439+30	-	459+51	LT/RT	--	--	190	--	--	--	--
					UNDISTRIBUTED		--	--	197	--	--	--	--
		SUBTOTAL					32	388	4,137	100	173	--	890
		CATEGORY 0010 TOTAL					32	388	5,103	100	173	--	1,250
0070													
	1	STH 38	122+81	-	176+00	MEDIAN	--	--	230	--	--	--	70
					UNDISTRIBUTED		--	--	12	--	--	--	4
		SUBTOTAL					--	--	242	--	--	--	74
	2	STH 38	122+81	-	176+00	LT/RT	40	--	1,230	--	--	50	190
					UNDISTRIBUTED		2	--	62	--	--	3	10
		SUBTOTAL					42	--	1,292	--	--	53	200
		CATEGORY 0070 TOTAL					42	--	1,533	--	--	53	273
		TOTAL					74	388	6,636	100	173	53	1,523

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CONCRETE SIDEWALK

CATEGORY	STAGE	ROADWAY	STATION	TO	STATION	O/S	602.0410 CONCRETE SIDEWALK 5-INCH SF	602.0505 CURB RAMP DETECTABLE WARNING FIELD YELLOW SF	602.0605 CURB RAMP DETECTABLE WARNING FIELD RADIAL YELLOW SF
0010									
	1	STH 38	176+00	-	199+50	MEDIAN	300	120	--
			199+50	-	250+00	MEDIAN	560	48	--
			250+00	-	300+00	MEDIAN	1,050	120	--
			300+00	-	350+00	MEDIAN	400	96	--
			350+00	-	390+00	MEDIAN	230	72	--
			390+00	-	431+30	MEDIAN	540	72	--
			431+30	-	439+30	MEDIAN	--	80	--
			439+30	-	459+51	MEDIAN	280	20	--
		SUBTOTAL					3,360	628	--
	2	STH 38	176+00	-	199+50	LT/RT	3,370	284	190
			199+50	-	250+00	LT/RT	7,710	308	--
			250+00	-	300+00	LT/RT	6,900	384	50
			300+00	-	350+00	LT/RT	2,540	324	158
			350+00	-	390+00	LT/RT	1,860	192	19
			390+00	-	431+30	LT/RT	3,900	72	148
			431+30	-	439+30	LT/RT	--	236	--
			439+30	-	459+51	LT/RT	3,080	50	--
		SUBTOTAL					29,360	1,850	565
		CATEGORY 0010 TOTAL					32,720	2,478	565
0070									
	1	STH 38	122+81	-	176+00	MEDIAN	710	--	--
		SUBTOTAL					710	--	--
	2	STH 38	122+81	-	176+00	LT/RT	4,980	250	172
		SUBTOTAL					4,980	250	172
		CATEGORY 0070 TOTAL					5,690	250	172
		TOTAL					38,410	2,728	737

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						STORM SEWER PIPES							
						520.8000 CONCRETE COLLARS FOR PIPE	608.0412 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 12-INCH	608.0415 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 15-INCH	608.0418 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 18-INCH	608.0424 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 24-INCH	SPV.0090.03 STORM SEWER PIPE PVC SDR 35 8-INCH	SPV.0090.04 STORM SEWER PIPE PVC SDR 35 10-INCH	SPV.0090.05 STORM SEWER PIPE PVC SDR 35 12-INCH
CATEGORY	STAGE	ROADWAY	STRUCTURE ID	STATION	O/S	EACH	LF	LF	LF	LF	LF	LF	LF
0010													
	1	STH 38		UNDISTRIBUTED		76	176	193	--	--	--	--	--
		SUBTOTAL				76	176	193	--	--	--	--	--
	2	STH 38	--	182+76.0	82.0' RT	--	--	--	--	--	--	--	--
			270	197+25.0	54.3' RT	1	5	--	--	--	--	--	--
			282	210+74.7	53.6' LT	3	5	10	--	--	--	--	--
			283	213+39.0	53.6' LT	2	--	5	5	--	--	--	--
			286	213+38.0	54.2' RT	1	5	--	--	--	--	--	--
			293	225+44.8	54.6' RT	1	5	--	--	--	--	--	--
			294	225+99.7	52.4' LT	1	5	--	--	--	5	--	--
			296	228+48.9	54.3' RT	2	10	--	--	--	--	--	--
			295	229+01.0	54.0' LT	2	10	--	--	--	--	--	--
			297	230+49.8	53.8' LT	2	10	--	--	--	5	--	--
			301	230+52.1	54.2' RT	3	15	--	--	--	--	--	--
			298	230+97.8	53.3' LT	2	5	5	--	--	--	--	--
			302	230+75.7	54.2' RT	2	--	5	5	--	--	--	--
			317	254+27.2	53.9' RT	1	5	--	--	--	--	--	--
			318	255+50.3	53.9' RT	3	15	--	--	--	--	--	--
			319	256+01.8	53.9' RT	2	10	--	--	--	--	--	--
			323	264+25.2	53.9' RT	2	--	10	--	--	--	--	--
			334	297+00.0	54.0' RT	2	--	10	--	--	--	--	--
			335	299+00.2	54.2' RT	3	15	--	--	--	--	--	--
			346	310+00.0	54.0' RT	1	--	5	--	--	--	--	5
			350	310+49.8	54.0' LT	3	--	10	--	5	--	--	--
			347	310+50.0	54.2' RT	3	--	--	5	10	--	--	--
			364	330+43.9	54.3' RT	1	5	--	--	--	--	--	--
			371	337+25.3	59.4' RT	2	10	--	--	--	--	--	--
			--	341+44.0	111.0' RT	--	--	--	--	--	--	--	--
			--	342+15.0	62.0' LT	--	--	--	--	--	--	--	--
			384	349+51.0	56.5' RT	1	--	--	5	--	--	--	--
			386	352+25.0	54.4' RT	3	10	--	5	--	--	--	--
			390	372+25.1	47.2' RT	3	5	--	--	10	--	5	--
			406	352+99.9	54.0' LT	1	--	5	--	--	--	--	--
			407	349+99.6	55.0' LT	1	5	--	--	--	--	--	--
			--	349+50.0	57.0' LT	--	--	--	--	--	--	--	--
				UNDISTRIBUTED		4	10	15	--	--	--	--	--
		SUBTOTAL				58	165	80	25	25	10	5	5
		CATEGORY 0010 TOTAL				134	341	273	25	25	10	5	5
0070													
	1	STH 38		UNDISTRIBUTED		14	34	37	--	--	--	--	--
		SUBTOTAL				14	34	37	--	--	--	--	--
	2	STH 38	--	126+82.0	31.0' RT	--	--	--	--	--	--	--	--
			--	131+83.0	55.0' LT	--	--	--	--	--	--	--	--
			--	133+82.0	55.0' LT	--	--	--	--	--	--	--	--
			--	146+82.0	55.0' RT	--	--	--	--	--	--	--	--
			--	150+31.0	55.0' LT	--	--	--	--	--	--	--	--
			--	152+32.0	55.0' RT	--	--	--	--	--	--	--	--
		SUBTOTAL				--	--	--	--	--	--	--	--
		CATEGORY 0070 TOTAL				14	34	37	--	--	--	--	--
		TOTAL				148	375	310	25	25	10	5	5

STORM SEWER STRUCTURES

CATEGORY	STAGE	ROADWAY	STRUCTURE ID	STATION	O/S	COVER ELEV	611.3004 INLETS 4-FT DIA EACH	611.3225 INLETS 2X2.5-FT EACH	611.1004 CATCH BASINS 4-FT DIA EACH	611.0654 INLET COVERS TYPE V EACH	611.0663 INLET COVERS TYPE X EACH	SPV.0060.01 INLET COVERS TYPE 57 EACH	611.9710 SALVAGED INLET COVERS EACH	*** DEPTH FT	INLET ELEV	DISCH ELEV	NOTES	* 625.0100 TOPSOIL SY	* 629.0210 FERTILIZER TYPE B CWT	631.1000 SOD SY
0010																				
	1	STH 38		UNDISTRIBUTED		--	14	21	2	3	3	4	24	--	--	--		228	19	228
		SUBTOTAL				--	14	21	2	3	3	4	24	--	--	--		228	19	228
	2	STH 38	--	182+76.0	82.0' RT	--	--	--	--	--	--	1	--	--	--	--		--	--	--
			270	197+25.0	54.3' RT	677.31	--	1	--	--	--	--	1	6.27	670.54	670.71		6	0.4	6
			282	210+74.7	53.6' LT	688.66	1	--	--	--	--	--	1	5.21	682.95	683.16		6	0.4	6
			283	213+39.0	53.6' LT	683.51	1	--	--	--	--	--	1	4.61	678.40	678.61		6	0.4	6
			286	213+38.0	54.2' RT	683.53	--	1	--	--	--	--	1	4.11	678.92	679.09		6	0.4	6
			293	225+44.8	54.6' RT	698.34	--	1	--	--	--	--	1	3.77	694.07	694.24		6	0.4	6
			294	225+99.7	52.4' LT	698.09	--	1	--	--	--	--	1	2.62	694.97	695.14		6	0.4	6
			296	228+48.9	54.3' RT	695.48	--	1	--	--	--	--	1	2.88	691.76	691.93		6	0.4	6
			295	229+01.0	54.0' LT	695.82	--	1	--	--	--	--	1	3.27	692.05	692.22		6	0.4	6
			297	230+49.8	53.8' LT	694.37	--	1	--	--	--	--	1	3.11	690.76	690.93		6	0.4	6
			301	230+52.1	54.2' RT	694.53	--	1	--	--	--	--	1	4.84	689.19	689.38		6	0.4	6
			298	230+97.8	53.3' LT	694.00	1	--	--	--	--	--	1	5.74	687.76	687.95		6	0.4	6
			302	230+75.7	54.2' RT	694.11	1	--	--	--	--	--	1	6.02	687.59	687.80		6	0.4	6
			317	254+27.2	53.9' RT	713.22	--	1	--	--	--	--	1	3.27	709.45	709.62		6	0.4	6
			318	255+50.3	53.9' RT	712.67	--	1	--	--	--	--	1	3.22	708.95	709.12		6	0.4	6
			319	256+01.8	53.9' RT	712.81	--	1	--	--	--	--	1	2.92	709.39	709.56		6	0.4	6
			323	264+25.2	53.9' RT	713.41	1	--	--	--	--	--	1	3.85	708.72	708.91		6	0.4	6
			334	297+00.0	54.0' RT	729.70	1	--	--	--	--	--	1	4.88	724.32	724.51		6	0.4	6
			335	299+00.2	54.2' RT	730.16	--	1	--	--	--	--	1	5.00	724.66	724.83		6	0.4	6
			346	310+00.0	54.0' RT	722.11	1	--	--	--	--	--	1	3.94	717.67	717.86		6	0.4	6
			350	310+49.8	54.0' LT	722.26	1	--	--	--	--	--	1	4.85	716.91	717.16		6	0.4	6
			347	310+50.0	54.2' RT	720.97	--	--	1	--	--	--	1	7.00	713.47	713.72	**NO SUMP	6	0.4	6
			364	330+43.9	54.3' RT	738.83	--	1	--	--	--	--	1	4.52	733.81	733.98		6	0.4	6
			371	337+25.3	59.4' RT	720.55	--	1	--	--	--	--	1	4.57	715.48	715.65		6	0.4	6
			--	341+44.0	111.0' RT	--	--	--	--	--	--	1	--	--	--	--		--	--	--
			--	342+15.0	62.0' LT	--	--	--	--	--	--	1	--	--	--	--		--	--	--
			384	349+51.0	56.5' RT	720.24	1	--	--	--	--	--	1	4.30	715.44	715.65		6	0.4	6
			386	352+25.0	54.4' RT	721.53	1	--	--	--	--	--	1	4.21	716.82	717.03		6	0.4	6
			390	372+25.1	47.2' RT	714.58	1	--	--	--	--	--	1	4.97	708.78	709.03		6	0.4	6
			406	352+99.9	54.0' LT	721.89	--	1	--	--	--	--	1	2.87	718.52	718.69		6	0.4	6
			407	349+99.6	55.0' LT	720.49	--	1	--	--	--	--	1	4.17	715.82	715.99		6	0.4	6
			--	349+50.0	57.0' LT	--	--	--	--	--	--	1	--	--	--	--		--	--	--
				UNDISTRIBUTED		--	--	2	--	--	--	--	2	--	--	--		17	3.8	17
		SUBTOTAL					11	18	1	--	3	1	30					185	15.0	185
		CATEGORY 0010 TOTAL					25	39	3	3	6	5	54	--	--	--		413	34	413
0070																				
	1	STH 38		UNDISTRIBUTED		--	3	4	1	1	1	1	4	--	--	--		36	3	36
		SUBTOTAL					3	4	1	1	1	1	4	--	--	--		36	3	36
	2	STH 38	--	126+82.0	31.0' RT	--	--	--	--	--	--	1	--	--	--	--		--	--	--
			--	131+83.0	55.0' LT	--	--	--	--	1	--	--	--	--	--	--		--	--	--
			--	133+82.0	55.0' LT	--	--	--	--	1	--	--	--	--	--	--		--	--	--
			--	146+82.0	55.0' RT	--	--	--	--	1	--	--	--	--	--	--		--	--	--
			--	150+31.0	55.0' LT	--	--	--	--	--	--	1	--	--	--	--		--	--	--
			--	152+32.0	55.0' RT	--	--	--	--	--	--	1	--	--	--	--		--	--	--
		SUBTOTAL					--	--	--	3	--	3	--	--	--	--		--	--	--
		CATEGORY 0070 TOTAL				--	3	4	1	4	1	4	4	--	--	--	--	36	3	36
		TOTAL				--	28	43	4	7	7	9	58	--	--	--	--	449	37	449

***STRUCTURE DEPTH DOES NOT INCLUDE 6 INCHES OF ADJUSTMENT RINGS

* ADDITIONAL QUANTITIES ELSEWHERE

ADJUSTING MANHOLES

CATEGORY	STAGE	ROADWAY	STATION	O/S	390.0405 BASE PATCHING CONCRETE SHES CY	416.0610 DRILLED TIE BARS EACH	* 465.0110 ASPHALTIC SURFACE PATCHING TON	611.8110 ADJUSTING MANHOLE COVERS EA	611.8120.S COVER PLATES TEMPORARY EA
0010									
	1	STH 38	176+26	1' RT	2	4	6	1	1
			178+44	1' RT	2	4	6	1	1
			181+33	2' LT	2	4	6	1	1
			223+25	2' LT	2	4	6	1	1
			229+42	7' LT	2	4	6	1	1
			229+51	7' RT	2	4	6	1	1
			264+26	1' LT	2	4	6	1	1
			276+88	1' RT	2	4	6	1	1
			394+90	23' RT	2	4	6	1	1
			406+44	14' LT	2	4	6	1	1
			407+27	15' LT	2	4	6	1	1
			410+34	14' LT	2	4	6	1	1
			413+30	4' LT	2	4	6	1	1
			414+59	24' LT	2	4	6	1	1
			425+12	2' LT	2	4	6	1	1
			439+87	25' RT	2	4	6	1	1
			458+93	3' RT	2	4	6	1	1
		SUBTOTAL			34	68	102	17	17
0010									
	2	STH 38	181+33	53' RT	2	4	6	1	1
			182+05	45' RT	2	4	6	1	1
			183+02	45' RT	2	4	6	1	1
			185+25	48' RT	2	4	6	1	1
			186+74	49' RT	2	4	6	1	1
			192+25	50' RT	2	4	6	1	1
			197+24	50' RT	2	4	6	1	1
			209+20	54' LT	2	4	6	1	1
			221+79	54' LT	2	4	6	1	1
			221+79	96' LT	2	4	6	1	1
			222+76	60' LT	2	4	6	1	1
			234+53	44' LT	2	4	6	1	1
			235+79	58' LT	2	4	6	1	1
			239+04	49' LT	2	4	6	1	1
			243+13	45' LT	2	4	6	1	1
			261+26	53' LT	2	4	6	1	1
			261+26	85' LT	2	4	6	1	1
			261+74	54' RT	2	4	6	1	1
			264+25	54' LT	2	4	6	1	1
			264+76	54' LT	2	4	6	1	1
			276+22	70' RT	2	4	6	1	1
			276+87	54' RT	2	4	6	1	1
			276+91	54' LT	2	4	6	1	1
			277+53	53' LT	2	4	6	1	1
			280+01	55' LT	2	4	6	1	1
			287+25	55' LT	2	4	6	1	1
			340+90	87' LT	2	4	6	1	1
			394+02	42' RT	2	4	6	1	1
			396+49	39' RT	2	4	6	1	1
			397+67	39' RT	2	4	6	1	1
			399+52	42' RT	2	4	6	1	1
			402+55	43' RT	2	4	6	1	1
			403+06	33' LT	2	4	6	1	1
			406+00	42' RT	2	4	6	1	1
			409+53	33' RT	2	4	6	1	1
			410+56	42' LT	2	4	6	1	1
			416+57	41' LT	2	4	6	1	1
			420+01	41' RT	2	4	6	1	1
			423+00	40' RT	2	4	6	1	1
			447+07	57' RT	2	4	6	1	1
			470+79	57' RT	2	4	6	1	1
			459+31	52' LT	2	4	6	1	1
		SUBTOTAL			84	168	252	42	42
		CATEGORY 0010 TOTAL			118	236	354	59	59
0070									
	2	STH 38	173+01	53' LT	--	--	--	1	1
		SUBTOTAL			--	--	--	1	1
		CATEGORY 0070 TOTAL			--	--	--	1	1
		TOTAL			118	236	354	60	60

* ADDITIONAL QUANTITIES ELSEWHERE

ADJUSTING INLET COVERS

CATEGORY	STAGE	ROADWAY	STATION	O/S	611.8115 ADJUSTING INLET COVERS EA	SPV.0060.02 CLEAN INLETS EA	SPV.0060.03 REPAIR INLETS EA
0010							
	1	STH 38	UNDISTRIBUTED		9	24	105
		SUBTOTAL			9	24	105
	2	STH 38	176+69	55' RT	--	--	1
			182+17	45' RT	1	--	--
			191+78	55' RT	1	--	1
			193+01	55' RT	--	--	1
			192+01	55' LT	--	--	1
			193+01	55' LT	--	--	1
			195+99	55' RT	1	--	--
			200+01	55' LT	--	--	1
			202+38	77' LT	1	--	--
			203+25	55' RT	--	--	1
			206+09	55' LT	--	--	1
			210+75	55' RT	--	--	1
			213+65	55' LT	--	--	1
			213+65	55' RT	--	--	1
			215+35	55' RT	--	--	--
			215+35	55' LT	--	1	--
			218+10	55' LT	--	--	1
			234+14	63' RT	--	1	--
			234+14	59' RT	--	1	--
			236+11	54' RT	1	--	--
			239+04	55' RT	--	--	1
			248+65	55' LT	1	--	--
			252+17	55' LT	--	--	1
			252+48	55' RT	--	--	1
			257+26	55' RT	--	--	1
			264+74	55' RT	--	1	--
			269+41	55' RT	--	--	1
			277+08	55' RT	1	--	--
			287+26	57' RT	1	--	--
			289+98	54' RT	--	--	1
			302+49	55' LT	--	--	1
			304+51	55' RT	--	--	1
			304+99	55' LT	--	--	1
			307+30	55' LT	--	--	1
			307+74	55' LT	--	--	1
			310+96	55' LT	--	--	1
			314+01	55' LT	--	--	1
			317+00	55' LT	1	--	--
			325+77	55' RT	--	--	1
			330+52	55' LT	--	--	1
			333+49	58' LT	--	--	1
			341+44	111' RT	--	--	1
			342+15	62' LT	--	--	1
			350+00	56' RT	--	1	--
			355+50	55' RT	--	1	--
			355+50	55' LT	--	--	1
			358+00	62' RT	1	--	--
			358+00	55' LT	--	--	1
			360+51	55' LT	--	1	--
			361+42	55' RT	--	--	1
0010							
	2	STH 38	366+70	48' LT	1	--	--
			369+50	48' RT	--	1	--
			369+50	48' LT	--	1	--
			371+02	48' LT	--	1	--
			372+75	48' RT	--	--	1
			374+74	48' LT	--	1	--
			376+77	48' RT	1	--	--
			381+49	48' RT	--	1	--
			381+51	48' LT	--	--	1
			389+50	48' RT	--	1	--
			389+50	48' LT	--	--	1
			393+08	49' LT	1	--	--
			393+24	48' RT	1	--	--
			394+61	48' LT	1	--	--
			402+37	47' LT	1	--	--
			403+00	61' LT	1	--	--
			406+51	48' RT	1	--	--
			UNDISTRIBUTED		--	2	3
		SUBTOTAL			18	13	36
		CATEGORY 0010 TOTAL			27	37	141
0070							
	1	STH 38	UNDISTRIBUTED		2	5	20
		SUBTOTAL			2	5	20
	2	STH 38	126+83	53' LT	--	--	1
			128+47	30' RT	--	--	1
			128+59	65' LT	1	--	--
			128+75	85' LT	1	--	--
			133+82	55' RT	--	--	1
			136+33	55' RT	--	--	1
			138+31	55' RT	--	--	1
			140+33	55' RT	--	--	1
			140+33	55' LT	--	--	1
			146+82	55' RT	--	--	1
			145+81	55' LT	--	--	1
			147+13	55' LT	--	1	--
			150+32	55' RT	--	--	1
			151+12	55' RT	--	--	1
			152+32	55' RT	--	--	1
			159+93	55' LT	--	--	1
			162+82	55' LT	--	--	1
			162+82	55' RT	--	--	1
			164+82	55' RT	--	1	--
			164+82	55' LT	--	1	--
			166+83	55' LT	--	1	--
			166+82	55' RT	--	--	1
			168+97	55' RT	--	1	--
			168+98	55' LT	--	--	--
			171+21	55' LT	1	--	--
			170+80	55' RT	--	--	1
			172+32	55' RT	--	1	--
			UNDISTRIBUTED		--	1	1
		SUBTOTAL			3	7	18
		CATEGORY 0070 TOTAL			5	12	38
		TOTAL			32	49	179

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UNDERDRAIN

CATEGORY	STAGE	ROADWAY	STORM SEWER STRUCTURE ID	STATION	O/S	310.0110 BASE AGGREGATE OPEN GRADED TON	612.0406 PIPE UNDERDRAIN WRAPPED 6-INCH LF	SPV.0060.04 CONNECT UNDERDRAIN EACH
0010								
	2	STH 38	270	197+25.0	54.3' RT	1	10	2
			282	210+74.7	53.6' LT	1	10	2
			283	213+39.0	53.6' LT	1	10	2
			286	213+38.0	54.2' RT	1	10	2
			293	225+44.8	54.6' RT	1	10	2
			294	225+99.7	52.4' LT	1	10	2
			296	228+48.9	54.3' RT	1	10	2
			295	229+01.0	54.0' LT	1	10	2
			297	230+49.8	53.8' LT	1	10	2
			301	230+52.1	54.2' RT	1	10	2
			298	230+97.8	53.3' LT	1	10	2
			302	230+75.7	54.2' RT	1	10	2
			317	254+27.2	53.9' RT	1	10	2
			318	255+50.3	53.9' RT	1	10	2
			319	256+01.8	53.9' RT	1	10	2
			323	264+25.2	53.9' RT	1	10	2
			334	297+00.0	54.0' RT	1	10	2
			335	299+00.2	54.2' RT	1	10	2
			346	310+00.0	54.0' RT	1	10	2
			350	310+49.8	54.0' LT	1	10	2
			347	310+50.0	54.2' RT	1	10	2
			364	330+43.9	54.3' RT	1	10	2
			371	337+25.3	59.4' RT	1	10	2
			384	349+51.0	56.5' RT	1	10	2
			386	352+25.0	54.4' RT	1	10	2
			390	372+25.1	47.2' RT	1	10	2
			406	352+99.9	54.0' LT	1	10	2
			407	349+99.6	55.0' LT	1	10	2
			UNDISTRIBUTED			3	10	2
	SUBTOTAL					31	290	58
	CATEGORY 0010 TOTAL					31	290	58
0070								
	1	STH 38	UNDISTRIBUTED			8	80	16
	SUBTOTAL					8	80	16
	CATEGORY 0070 TOTAL					8	80	16
	TOTAL					39	370	74

GUARDRAIL

CATEGORY	STAGE	ROADWAY	STATION		STATION	O/S	614.0010 BARRIER SYSTEM GRADING SHAPING FINISHING EACH	FOR INFORMATION ONLY TOPSOIL SY	FERTILIZER TYPE B CWT	SOD WATER MGAL	SOD LAWN SY	614.0220 STEEL THRIE BEAM BULLNOSE TERMINAL EACH	614.0230 STEEL THRIE BEAM LF	614.2500 MGS THRIE BEAM TRANSITION LF	614.0397 GUARDRAIL MOW STRIP EMULSIFIED ASPHALT SY
0010															
	1	STH 38	196+99	-	198+98	LT/RT	1	151	1	4	151	1	175	96.10	470
			200+06	-	201+90	LT/RT	1	137	1	3	137	1	150	95.40	440
		SUBTOTAL					2	288	2	7	288	2	325	192	910
		TOTAL					2	288	2	7	288	2	325	192	910

CONCRETE MEDIAN

CATEGORY	STAGE	ROADWAY	STATION	TO	STATION	O/S	620.0200 CONCRETE MEDIAN BLUNT NOSE SF	620.0300 CONCRETE MEDIAN SLOPED NOSE SF
0010								
	1	STH 38	176+00	-	199+50	MEDIAN	--	48
			199+50	-	250+00	MEDIAN	--	25
		SUBTOTAL					--	73
	2	STH 38	176+00	-	199+50	LT/RT	23	66
			300+00	-	350+00	LT/RT	38	--
			390+00	-	431+30	LT/RT	17	47
		SUBTOTAL					78	113
		CATEGORY 0010 TOTAL					78	186
0070								
	1	STH 38	122+81	-	176+00	MEDIAN	--	92
		SUBTOTAL					--	92
	2	STH 38	122+81	-	176+00	LT/RT	--	18
		SUBTOTAL					--	18
		CATEGORY 0070 TOTAL					--	110
		TOTAL					78	296

EROSION CONTROL

CATEGORY	STAGE	ROADWAY	STATION	TO	STATION	O/S	628.1905 MOBILIZATIONS EROSION CONTROL EA	628.1910 MOBILIZATIONS EMERGENCY EROSION CONTROL EA	628.7005 INLET PROTECTION TYPE A EA	628.7010 INLET PROTECTION TYPE B EA	628.7015 INLET PROTECTION TYPE C EA	628.7020 INLET PROTECTION TYPE D EA	628.1530.S HEAVY DUTY SILT FENCE LF	628.1535.S HEAVY DUTY SILT FENCE MAINTENANCE LF
0010														
	1	STH 38	176+00	-	199+50	LT/RT	10	3	1	2	1	1	--	--
			199+50	-	250+00	LT/RT	--	--	1	6	2	4	--	--
			250+00	-	300+00	LT/RT	--	--	--	4	--	8	--	--
			300+00	-	350+00	LT/RT	--	--	--	4	1	5	--	--
			350+00	-	390+00	LT/RT	--	--	--	1	2	4	--	--
			390+00	-	431+30	LT/RT	--	--	--	1	5	3	--	--
			439+30	-	459+51	LT/RT	--	--	--	1	--	7	--	--
				UNDISTRIBUTED			3	1	1	5	3	8	--	--
		SUBTOTAL					13	4	3	24	14	40	--	--
	2	STH 38	176+00	-	199+50	LT/RT	10	3	--	12	--	24	--	--
			199+50	-	250+00	LT/RT	--	--	--	24	3	27	--	--
			250+00	-	300+00	LT/RT	--	--	--	22	--	22	--	--
			300+00	-	350+00	LT/RT	--	--	--	23	--	21	--	--
			350+00	-	390+00	LT/RT	--	--	--	20	--	10	--	--
			390+00	-	431+30	LT/RT	--	--	--	22	2	12	--	--
			439+30	-	459+51	LT/RT	--	--	--	2	--	24	--	--
				UNDISTRIBUTED			3	1	--	32	2	35	--	--
		SUBTOTAL					13	4	--	157	7	175	--	--
		CATEGORY 0010 TOTAL					26	9	3	181	21	215	--	--
0070														
	1	STH 38	122+81	-	176+00	LT/RT	2	1	--	15	11	7	--	--
				UNDISTRIBUTED			1	1	--	4	3	2	--	--
		SUBTOTAL					3	2	--	19	14	9	--	--
	2	STH 38	122+81	-	176+00	LT/RT	2	1	--	23	13	13	44	44
				UNDISTRIBUTED			1	1	--	6	4	4	11	11
		SUBTOTAL					3	2	--	29	17	17	55	55
		CATEGORY 0070 TOTAL					6	3	--	48	31	26	55	55
		TOTAL					32	12	3	229	52	241	55	55

CATEGORY	STAGE	ROADWAY	DURATION (FOR INFORMATION ONLY)	643.0300 DRUMS #	643.0300 DRUMS DAY	643.0420 BARRICADES TYPE III #	643.0420 BARRICADES TYPE III DAY	643.0500 TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POSTS EACH	643.0600 TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER BASES EACH	TRAFFIC CONTROL 643.0705 WARNING LIGHTS TYPE A #	643.0705 WARNING LIGHTS TYPE A DAY	643.0715 WARNING LIGHTS TYPE C #	643.0715 WARNING LIGHTS TYPE C DAY	643.0810 CONNECTED ARROW BOARDS #	643.0810 CONNECTED ARROW BOARDS DAY	643.0900 SIGNS #	643.0900 SIGNS DAY	643.0920 COVERING SIGNS TYPE II EACH	643.1000 FIXED MESSAGE SF	643.1050 SIGNS PCMS #	643.1050 SIGNS PCMS DAY	643.1070 CONES 42-INCH #	643.1070 CONES 42-INCH DAY	643.1220 CONNECTED WORK ZONE START AND END LOCATION MARKERS #	643.1220 CONNECTED WORK ZONE START AND END LOCATION MARKERS DAY
0010																											
	1	STH 38	135	290	32,900	95	10,800	--	--	190	21,600	72	8,170	3	341	371	26,000	9	--	2	8	1,190	135,000	1	114
		RYAN ROAD & STH 38	135	30	4,050	4	540	--	--	8	1,080	--	--	--	--	25	1,640	--	--	2	10	40	5,400	--	--
		CENTENNIAL DRIVE & STH 38	135	30	4,050	3	405	--	--	6	810	22	2,970	--	--	20	1,040	--	--	2	10	80	10,800	--	--
		PUETZ ROAD & STH 38	135	20	2,700	3	405	--	--	6	810	--	--	--	--	24	1,540	--	--	--	--	60	8,100	--	--
		FOREST HILL AVE & STH 38	135	20	2,700	3	405			6	810	--	--	--	--	20	1,040	--	--	--	--	60	8,100	--	--
		SUSAN DR/TOWN SQUARE WAY & STH 38	135	20	2,700	4	540	--	--	8	1,080	--	--	--	--	21	1,140	--	--	--	--	40	5,400	--	--
		DREXEL AVE & STH 38	135	30	4,050	5	675	--	--	10	1,350	20	2,700	--	--	25	1,640	--	--	--	--	40	5,400	--	--
		RAWSON AVE & STH 38	135	40	5,400	5	675	--	--	10	1,350	18	2,430	--	--	26	1,840	--	--	--	--	80	10,800	--	--
		COLLEGE AVE & STH 38	135	20	2,700	3	405	--	--	6	810	6	810	--	--	28	2,040	--	--	--	--	140	18,900	--	--
		GRANGE AVE & STH 38	135	20	2,700	5	675	--	--	10	1,350	--	--	--	--	23	1,440	--	--	--	--	60	8,100	--	--
		UNDISTRIBUTED		--	16,000	--	3,890	--	--	--	7,770	--	4,270	--	86	--	9,840	3	--	--	8	500	54,000	--	30
		SUBTOTAL			79,950		19,415	--	--		38,820		21,350		427		49,200	12	--		36		270,000		144
	2	STH 38	210	570	101,000	67	11,900	--	--	134	23,700	101	17,900	3	530	448	60,000	9	35	2	8	970	172,000	1	176
		RYAN ROAD & STH 38	210	200	42,000	7	1,470	--	--	14	2,940	12	2,520	2	420	21	3,830	4	--	2	10	40	8,400	--	--
		CENTENNIAL DRIVE & STH 38	210	80	16,800	5	1,050	60	60	10	2,100	4	840	--	--	14	2,430	2	--	2	10	90	18,900	--	--
		PUETZ ROAD & STH 38	210	70	14,700	5	1,050	--	--	10	2,100	14	2,940	2	420	19	3,430	2	--	--	--	50	10,500	--	--
		FOREST HILL AVE & STH 38	210	80	16,800	4	840	30	30	8	1,680	5	1,050	1	210	13	2,130	1	--	--	--	80	16,800	--	--
		SUSAN DR/TOWN SQUARE WAY & STH 38	210	70	14,700	4	840	--	--	8	1,680	4	840	1	210	12	1,930	2	--	--	--	40	8,400	--	--
		DREXEL AVE & STH 38	210	50	10,500	6	1,260	--	--	12	2,520	14	2,940	2	420	19	3,430	4	--	--	--	50	10,500	--	--
		RAWSON AVE & STH 38	210	180	37,800	10	2,100	--	--	20	4,200	13	2,730	2	420	26	4,930	5	--	--	--	90	18,900	--	--
		COLLEGE AVE & STH 38	210	100	21,000	6	1,260	--	--	12	2,520	8	1,680	2	420	20	3,630	--	--	--	--	140	29,400	--	--
		GRANGE AVE & STH 38	210	40	8,400	5	1,050	--	--	10	2,100	7	1,470	1	210	14	2,430	1	--	--	--	60	12,600	--	--
		UNDISTRIBUTED		--	71,000	--	5,710	23	23	--	11,400	--	8,800	--	815	--	22,100	8	9	--	8	--	76,600		50
		SUBTOTAL			354,700		28,530	113	113		56,940		43,710		4,075		110,270	38	44		36		383,000		226
	3	STH 38	10	--	--	--	--	--	--	--	--	--	--	--	--	--	170	--	--	--	--	--	--	--	--
		SUBTOTAL		--	--	--	--	--	--		--		--		--		170	--	--		--		--		--
		CATEGORY 0010 TOTAL		--	434,650	--	47,945	113	113	--	95,760	--	65,060	--	4,502	--	159,640	50	44	--	73	--	653,000	--	370
0070																											
	1	STH 38	135	290	6,300	95	2,100	--	--	190	4,200	72	1,560	3	65	371	5,000	2	--	2	2	1,190	26,000	1	22
		OAKWOOD RD & STH 38	135	10	1,350	3	405	--	--	6	810	--	--	--	--	22	1,240	--	--	--	--	20	2,700	--	--
		UNDISTRIBUTED	0	--	2,000	--	630	--	--	--	1,260	--	390	--	20	--	1,560	1	--	--	1	--	7,200	--	10
		SUBTOTAL		--	9,650	--	3,135	--	--	--	6,270	--	1,950	--	85	--	7,800	3	--	--	3	--	35,900	--	32
	2	STH 38	210	570	20,000	67	2,300	--	--	134	4,600	101	3,400	3	101	448	11,500	2	7	2	2	970	33,000	1	34
		OAKWOOD RD & STH 38	210	80	16,800	5	1,050	--	--	10	2,100	--	--	--	--	12	1,930	3	--	--	--	30	6,300	--	--
		UNDISTRIBUTED	0	--	9,200	--	840	--	--	--	1,680	--	850	--	30	--	3,360	2	100	--	1	--	9,900	--	10
		SUBTOTAL		--	46,000	--	4,190	--	--	--	8,380	--	4,250	--	131	--	16,790	7	107	--	3	--	49,200	--	44
	3	STH 38	10	--	--	--	--	--	--	--	--	--	--	--	--	--	40	--	--	--	--	--	--	--	--
		SUBTOTAL		--	--	--	--	--	--	--	--	--	--	--	--	--	40	--	--	--	--	--	--	--	--
		CATEGORY 0070 TOTAL		--	55,650	--	7,325	--	--	--	14,650	--	6,200	--	216	--	24,630	10	107	--	5	--	85,100	--	76
		TOTAL			490,300	--	55,270	113	113	--	110,410	--	71,260	--	4,718	--	184,270	60	151	--	78	--	738,100	--	446

*ONE CYCLE FOR ALL SIGN COVERINGS

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TEMPORARY MARKING

CATEGORY	STAGE	ROADWAY	643.3150 TEMPORARY MARKING LINE TAPE 4-INCH LF	643.3165 TEMPORARY MARKING LINE PAINT 6-INCH LF	643.3180 TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH LF	643.3305 TEMPORARY MARKING CROSSWALK PAINT 6-INCH LF	643.3350 TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH LF	643.3960 TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH LF	643.3990 TEMPORARY MARKING REMOVABLE MASK OUT TAPE 12-INCH LF
0010									
	1	STH 38	--	--	48,140	--	1,370	860	--
		RYAN ROAD & STH 38	--	--	--	--	--	--	--
		CENTENNIAL DRIVE & STH 38	--	--	--	--	290	--	--
		PUETZ ROAD & STH 38	--	--	--	--	--	--	--
		FOREST HILL AVE & STH 38	--	--	--	--	100	--	--
		SUSAN DR/TOWN SQUARE WAY & STH 38	--	--	--	--	80	--	--
		DREXEL AVE & STH 38	--	--	--	--	--	480	--
		RAWSON AVE & STH 38	--	--	--	--	130	--	--
		COLLEGE AVE & STH 38	--	--	--	--	50	--	--
		GRANGE AVE & STH 38	--	--	--	--	--	--	
		UNDISTRIBUTED	--	--	12,100	--	600	400	--
		SUBTOTAL	--	--	48,140	--	2,020	1,340	--
	2	STH 38	480	47,500	9,800	5,500	--	542	--
		RYAN ROAD & STH 38	1,460	--	2,200	800	--	1,078	--
		CENTENNIAL DRIVE & STH 38	250	--	--	600	--	111	--
		PUETZ ROAD & STH 38	490	--	--	700	--	1,006	--
		FOREST HILL AVE & STH 38	370	--	--	700	--	126	42
		SUSAN DR/TOWN SQUARE WAY & STH 38	130	--	--	700	--	--	--
		DREXEL AVE & STH 38	510	--	--	700	--	735	--
		RAWSON AVE & STH 38	670	--	--	600	--	622	--
		COLLEGE AVE & STH 38	--	--	--	600	--	1,130	--
		GRANGE AVE & STH 38	210	--	--	300	--	--	--
		UNDISTRIBUTED	1,200	11,900	3,000	2,800	--	1,340	11
		SUBTOTAL	5,770	59,400	15,000	14,000	--	6,690	53
	3	STH 38	--	--	--	--	--	--	
		SUBTOTAL	--	--	--	--	--	--	--
		CATEGORY 0010 TOTAL	5,770	59,400	63,140	14,000	2,020	8,030	53
0070									
	1	STH 38	--	--	9,170	--	260	170	--
		OAKWOOD RD & STH 38	--	--	--	--	--	--	--
		UNDISTRIBUTED	--	--	2,293	--	65	43	--
		SUBTOTAL	--	--	11,463	--	325	213	--
	2	STH 38	100	9,100	1,900	1,100	--	104	--
		OAKWOOD RD & STH 38	70	--	--	700	--	--	--
		UNDISTRIBUTED	100	2,300	500	500	--	100	--
		SUBTOTAL	270	11,400	2,400	2,300	--	204	--
	3	STH 38	--	--	--	--	--	--	
		SUBTOTAL	--	--	--	--	--	--	--
		CATEGORY 0070 TOTAL	270	11,400	13,863	2,300	325	417	--
		TOTAL	6,040	70,800	77,003	16,300	2,345	8,447	53

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TEMPORARY PEDESTRIAN TRAFFIC CONTROL

CATEGORY	STAGE	ROADWAY	644.1410 TEMPORARY PEDESTRIAN SURFACE ASPHALT SF	DURATION (FOR INFORMATION ONLY) DAY	644.1601 TEMPORARY PEDESTRIAN CURB RAMP #	644.1601 DAY	644.1605 TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELD SF	644.1810 TEMPORARY PEDESTRIAN BARRICADE LF	644.1900.S TEMPORARY AUDIBLE MESSAGE DEVICE #	644.1900.S DAY	SPV.0060.05 TEMPORARY BUS STOP EA
0010											
	1	STH 38	--	10	24	240	260	4,600	22	220	--
		RYAN ROAD & STH 38	--	10	--	--	--	--	--	--	--
		CENTENNIAL DRIVE & STH 38	--	10	--	--	20	--	--	--	--
		PUETZ ROAD & STH 38	--	10	--	--	--	--	--	--	--
		FOREST HILL AVE & STH 38	--	10	2	20	20	--	2	20	--
		SUSAN DR/TOWN SQUARE WAY & STH 38	--	10	2	20	20	--	4	40	--
		DREXEL AVE & STH 38	--	10	--	--	--	--	--	--	--
		RAWSON AVE & STH 38	--	10	--	--	40	--	--	--	--
		COLLEGE AVE & STH 38	--	10	2	20	20	--	2	20	--
		GRANGE AVE & STH 38	--	10	--	--	--	--	--	--	--
		UNDISTRIBUTED	--	--	--	75	95	1,150	--	75	--
		SUBTOTAL	--	--	--	375	475	5,750	--	375	--
	2	STH 38	7,800	10	98	980	820	13,400	151	1,510	9
		RYAN ROAD & STH 38	800	10	13	130	80	1,400	12	120	--
		CENTENNIAL DRIVE & STH 38	600	10	6	60	70	900	11	110	--
		PUETZ ROAD & STH 38	800	10	6	60	60	1,300	11	110	1
		FOREST HILL AVE & STH 38	500	10	6	60	70	900	9	90	--
		SUSAN DR/TOWN SQUARE WAY & STH 38	500	10	7	70	70	800	9	90	--
		DREXEL AVE & STH 38	200	10	5	50	70	1,000	12	120	--
		RAWSON AVE & STH 38	100	10	4	40	70	500	7	70	--
		COLLEGE AVE & STH 38	400	10	9	90	70	900	10	100	--
		GRANGE AVE & STH 38	200	10	3	30	40	600	5	50	--
		UNDISTRIBUTED	3,000	--	--	400	360	5,430	--	600	3
		SUBTOTAL	14,900	--	--	1,970	1,780	27,130	--	2,970	13
	3	STH 38	--	--	--	--	--	--	--	--	--
		SUBTOTAL	--	--	--	--	--	--	--	--	--
		CATEGORY 0010 TOTAL	14,900	--	--	2,345	2,255	32,880	--	3,345	13
0070											
	1	STH 38	--	10	24	240	50	900	22	220	--
		OAKWOOD RD & STH 38	--	10	4	40	--	100	2	20	--
		UNDISTRIBUTED	--	--	--	70	13	250	--	60	--
		SUBTOTAL	--	--	28	350	63	1,250	24	300	--
	2	STH 38	1,500	10	98	980	160	2,600	25	250	2
		OAKWOOD RD & STH 38	300	10	10	100	80	600	6	60	--
		UNDISTRIBUTED	500	100	--	270	60	800	--	78	1
		SUBTOTAL	2,300	120	--	1,350	300	4,000	--	388	3
	3	STH 38	--	--	--	--	--	--	--	--	--
		SUBTOTAL	--	--	--	--	--	--	--	--	--
		CATEGORY 0070 TOTAL	2,300	120	--	1,700	363	5,250	--	688	3
		TOTAL	17,200	120	--	4,045	2,618	38,130	--	4,033	16

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PAVEMENT MARKING

							646.1020		646.2040				646.2025	646.3020	646.4040				646.5020			
							MARKING LINE EPOXY 4-INCH		MARKING LINE GROOVED WET REF EPOXY 6-INCH				MARKING LINE GROOVED BLACK EPOXY 6-INCH	MARKING LINE EPOXY 8-INCH	MARKING LINE GROOVED WET REF EPOXY 10-INCH				MARKING ARROW EPOXY			
							12.5' WHITE SKIP	SOLID YELLOW	SOLID WHITE	SOLID YELLOW	3' WHITE SKIP	12.5' WHITIE SKIP	12.5' BLACK SKIP	WHITE	SOLID WHITE	2' WHITE SKIP	2' BLACK SKIP	3' WHITE SKIP	TYPE 1	TYPE 2	TYPE 3	TYPE 5
CATEGORY	STAGE	ROADWAY	STATION	TO	STATION	O/S	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	EA	EA	EA	EA
0010																						
	2	STH 38	176+00	-	199+50	LT/RT	--	--	--	4,210	--	1,080	1,080	--	--	--	--	--	--	--	--	--
			199+50	-	250+00	LT/RT	--	--	--	7,920	--	2,370	2,370	--	--	--	--	--	--	--	--	--
			250+00	-	300+00	LT/RT	--	--	--	8,600	--	2,250	2,250	--	--	--	--	--	--	--	--	--
			300+00	-	350+00	LT/RT	--	400	--	8,370	--	2,420	2,420	200	--	--	--	--	--	--	--	--
			350+00	-	390+00	LT/RT	--	--	--	6,890	--	2,000	2,000	--	--	--	--	--	--	--	--	--
			390+00	-	431+30	LT/RT	--	--	--	6,850	--	1,910	1,910	--	--	--	--	60	--	1	--	--
			431+30	-	439+30	LT/RT	--	--	--	1,600	--	400	400	--	--	--	--	--	--	--	--	--
			439+30	-	463+00	LT/RT	--	--	--	4,040	--	1,090	1,090	--	60	--	--	--	--	--	--	--
		SUBTOTAL						400			62,000		13,520	200			120			1		
	1	STH 38	176+00	-	199+50	LT/RT	--	--	2,970	--	19	360	360	--	4,710	99	99	42	--	20	--	2
			199+50	-	250+00	LT/RT	18	546	7,260	--	--	100	100	321	5,520	87	87	120	--	23	--	--
			250+00	-	300+00	LT/RT	96	999	4,830	--	128	725	725	2,075	7,170	227	227	235	--	55	2	2
			300+00	-	350+00	LT/RT	185	--	7,860	--	--	100	100	966	3,680	152	152	206	--	19	--	--
			350+00	-	390+00	LT/RT	--	30	7,120	--	--	654	654	--	1,730	--	--	8	--	--	--	--
			390+00	-	431+30	LT/RT	136	--	192	--	--	971	971	1,074	2,870	--	--	--	--	13	--	--
			431+30	-	439+30	LT/RT	--	--	--	--	--	400	400	--	--	--	--	--	--	--	--	--
			439+30	-	463+00	LT/RT	--	--	558	--	24	1,090	1,090	90	1,550	66	66	79	2	13	--	--
		SUBTOTAL						2,010			35,361		4,400	4,526			29,182			151		
		CATEGORY 0010 TOTAL						2,410			97,361		17,920	4,726			29,302			152		
0070																						
	2	STH 38	120+00	-	176+00	LT/RT	--	--	--	10,700	--	2,320	2,320	--	--	--	--	--	--	--	--	--
		SUBTOTAL						--			13,020		2,320	--			--			--		
	1	STH 38	120+00	-	176+00	LT/RT	--	2,430	9,640	--	--	100	100	298	3,060	--	20	57	4	8	--	--
		SUBTOTAL						2,430			9,740		100	298			3,137			12		
		CATEGORY 0070 TOTAL						2,430			22,760		2,420	298			3,137			12		
		TOTAL						4,840			120,121		20,340	5,024			32,439			164		

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PAVEMENT MARKING

CATEGORY	STAGE	ROADWAY	STATION	TO	STATION	O/S	646.5120 MARKING WORD EPOXY EA	646.6120 MARKING STOP LINE EPOXY 18-INCH LF	646.7120 MARKING DIAGONAL EPOXY 12-INCH WHITE LF	646.7120 MARKING DIAGONAL EPOXY 12-INCH YELLOW LF	646.7420 MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH LF	646.7520 MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH LF	646.8120 MARKING CURB EPOXY LF	646.8220 MARKING ISLAND NOSE EPOXY EA	646.9010 MARKING REMOVAL LINE WATER BLASTING 4-INCH LF	646.9012 MARKING REMOVAL LINE WATER BLASTING 6-INCH LF	646.9050 MARKING REMOVAL LINE GROOVED PERMANENT TAPE 4-INCH LF	646.9110 MARKING REMOVAL LINE WATER BLASTING 8-INCH LF	646.9210 MARKING REMOVAL LINE WATER BLASTING WIDE LF	646.9310 MARKING REMOVAL SPECIAL MARKING WATER BLASTING EA
0010																				
	2	STH 38	176+00	-	199+50	LT/RT	--	--	--	--	--	--	275	4	--	275	--	--	--	6
			199+50	-	250+00	LT/RT	--	--	--	--	--	--	841	15	--	80	--	--	--	17
			250+00	-	300+00	LT/RT	--	--	--	--	--	--	369	14	--	130	--	14	--	13
			300+00	-	350+00	LT/RT	--	--	50	--	--	--	865	8	--	--	--	--	--	6
			350+00	-	390+00	LT/RT	--	--	--	--	--	--	415	9	--	--	--	--	--	--
			390+00	-	431+30	LT/RT	--	--	--	--	--	--	491	11	--	379	--	--	44	1
			431+30	-	439+30	LT/RT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			439+30	-	463+00	LT/RT	--	--	--	--	--	--	219	5	--	--	--	--	--	7
		SUBTOTAL					--	--	50		--	--	3,475	66	--	864	--	14	44	50
	1	STH 38	176+00	-	199+50	LT/RT	10	192	665	--	1,190	84	--	--	--	--	1,480	--	--	--
			199+50	-	250+00	LT/RT	12	250	2,320	--	1,780	172	--	--	--	--	2,370	--	--	--
			250+00	-	300+00	LT/RT	25	692	930	--	2,480	--	--	--	--	--	2,250	--	--	--
			300+00	-	350+00	LT/RT	9	228	2,030	--	1,320	--	--	--	--	--	2,420	--	--	--
			350+00	-	390+00	LT/RT	--	37	1,210	--	542	--	--	--	--	--	1,350	--	--	--
			390+00	-	431+30	LT/RT	5	169	432	--	806	--	--	--	--	--	2,640	--	--	--
			431+30	-	439+30	LT/RT	--	--	--	--	--	--	--	--	--	--	400	--	--	--
			439+30	-	463+00	LT/RT	4	170	54	--	359	--	--	--	--	--	900	--	--	--
		SUBTOTAL					65	1,738	7,641		8,477	256	--	--	--	--	13,810	--	--	--
		CATEGORY 0010 TOTAL					65	1,738	7,691		8,477	256	3,475	66	--	864	13,810	14	44	50
0070																				
	2	STH 38	120+00	-	176+00	LT/RT	--	--	--	--	--	--	949	17	307	780	--	--	170	24
		SUBTOTAL					--	--	--		--	--	949	17	307	780	--	--	170	24
	1	STH 38	120+00	-	176+00	LT/RT	9	191	2,040	160	1,650	--	--	--	--	--	2,380	--	--	--
		SUBTOTAL					9	191	2,200		1,650	--	--	--	--	--	2,380	--	--	--
		CATEGORY 0070 TOTAL					9	191	2,200		1,650	--	949	17	307	780	2,380	--	170	24
		TOTAL					74	1,929	9,891		10,127	256	4,424	83	307	1,644	16,190	14	214	74

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							CONSTRUCTION STAKING							
							650.4000	650.5500	650.8000	650.8501	650.9000	650.9500	650.9911	SPV.0060.06
							STORM SEWER	CURB AND GUTTER	RESURFACING REFERENCE	ELECTRICAL INSTALLATION 2060-20-70	CURB RAMPS	SIDEWALK 2060-20-70	SUPPLEMENTAL CONTROL 2060-20-70	SECTION CORNER MONUMENTS
CATEGORY	STAGE	ROADWAY	STATION	TO	STATION	O/S	EA	LF	LF	EA	EA	EA	EA	EA
0010														
	1	STH 38	176+00	-	199+50	MEDIAN	--	581	--	1	10	1	1	1
			199+50	-	250+00	MEDIAN	--	1,150	--	--	4	--	--	2
			250+00	-	300+00	MEDIAN	--	900	--	--	10	--	--	2
			300+00	-	350+00	MEDIAN	--	550	--	--	8	--	--	2
			350+00	-	390+00	MEDIAN	--	430	--	--	6	--	--	1
			390+00	-	431+30	MEDIAN	--	700	--	--	6	--	--	3
			431+30	-	439+30	MEDIAN	--	--	--	--	7	--	--	--
			439+30	-	459+51	MEDIAN	--	290	--	--	2	--	--	1
					UNDISTRIBUTED		37	197	--	--	--	--	--	--
		SUBTOTAL					37	4,798	--	1	53	1	1	12
	2	STH 38	176+00	-	199+50	LT/RT	1	50	4,700	--	26	--	--	--
			199+50	-	250+00	LT/RT	11	70	10,100	--	37	--	--	--
			250+00	-	300+00	LT/RT	6	280	10,000	--	41	--	--	--
			300+00	-	350+00	LT/RT	6	120	10,000	--	18	--	--	--
			350+00	-	390+00	LT/RT	4	150	8,000	--	19	--	--	--
			390+00	-	431+30	LT/RT	--	200	8,260	--	20	--	--	--
			431+30	-	439+30	LT/RT	--	--	1,600	--	5	--	--	--
			439+30	-	459+51	LT/RT	--	50	4,050	--	202	--	--	--
					UNDISTRIBUTED		2	46	--	--	--	--	--	--
		SUBTOTAL					30	966	56,710	--	368	--	--	--
		CATEGORY 0010 TOTAL					67	5,764	56,710	1	421	1	1	12
0070														
	1	STH 38	122+81	-	176+00	MEDIAN	8	315	--	--	--	--	--	--
					UNDISTRIBUTED		2	79	--	--	--	--	--	--
		SUBTOTAL					10	394	--	--	--	--	--	--
	2	STH 38	122+81	-	176+00	LT/RT	--	1,586	10,700	--	36	--	--	--
					UNDISTRIBUTED		--	396	--	--	--	--	--	--
		SUBTOTAL					--	1,982	10,700	--	36	--	--	--
		CATEGORY 0070 TOTAL					10	2,376	10,700	--	36	--	--	--
		TOTAL					77	8,140	67,410	1	457	1	1	12

3

SAWING

CATEGORY	STAGE	ROADWAY	STATION	-	STATION	690.0150 SAWING ASPHALT LF	690.0250 SAWING CONCRETE LF	SPV.0090.01 SAWING CURB HEAD LF
0010								
	1	STH 38	176+00	-	199+50	--	573	213
			199+50	-	250+00	--	629	136
			250+00	-	300+00	--	1,530	--
			300+00	-	350+00	--	711	--
			350+00	-	390+00	--	293	--
			390+00	-	431+30	--	708	--
			431+30	-	439+30	--	--	--
			439+30	-	459+51	--	608	--
			UNDISTRIBUTED			--	253	--
		SUBTOTAL				--	5305	349
	2	STH 38	176+00	-	199+50	--	2,470	--
			199+50	-	250+00	54	3,340	--
			250+00	-	300+00	938	2,970	--
			300+00	-	350+00	--	2,670	--
			350+00	-	390+00	23	1,130	--
			390+00	-	431+30	--	2,360	--
			431+30	-	439+30	--	--	--
			439+30	-	459+51	--	1,140	--
			UNDISTRIBUTED			--	804	--
		SUBTOTAL				1,015	16,884	--
		CATEGORY 0010 TOTAL				1,015	22,189	349
0070								
	1	STH 38	122+81	-	176+00	--	833	--
			UNDISTRIBUTED			--	42	--
		SUBTOTAL				--	875	--
	2	STH 38	122+81	-	176+00	695	1,940	--
			UNDISTRIBUTED			--	185	--
		SUBTOTAL				695	2,125	--
		CATEGORY 0070 TOTAL				695	3,000	--
		TOTAL				1,710	25,189	349

ADJUSTING WATER VALVE BOXES

CATEGORY	STAGE	ROADWAY	STATION	O/S	SPV.0060.07 ADJUSTING WATER VALVE BOXES EACH
0100					
	1	STH 38	395+60	18' LT	1
			403+70	5' LT	1
			415+53	21' LT	1
			415+76	21' LT	1
			416+05	14' LT	1
			416+30	20' LT	1
		SUBTOTAL			6
	2	STH 38	398+11	41' LT	1
			398+91	34' RT	1
			402+47	30' LT	1
			402+89	56' LT	1
			402+89	62' LT	1
			410+32	73' LT	1
			410+29	60' LT	1
			418+50	42' LT	1
			420+61	52' RT	1
			420+66	53' RT	1
			447+50	48' RT	1
			447+56	45' RT	1
			450+00	44' RT	1
			452+15	48' RT	1
			456+73	47' RT	1
			456+77	44' RT	1
			456+88	48' RT	1
			458+88	88' LT	1
			458+85	66' LT	1
		SUBTOTAL			19
		TOTAL			25

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\030201-MQ.DWG
LAYOUT NAME - 22
PLOT DATE : 1/29/2026 3:25 PM PLOT BY : TOM ORNER PLOT NAME : PLOT SCALE : 1" = 1'
WISDOT/CADDS SHEET 42

3

CURB RAMP GRADING, SHAPING, AND FINISHING

CATEGORY	STAGE	ROADWAY	STATION	TO	STATION	O/S	SPV.0060.11 CURB RAMP GRADING, SHAPING, AND FINISHING EACH	FOR INFORMATION ONLY TOPSOIL SY	FERTILIZER TYPE B CWT	SOD WATER MGAL	SOD LAWN SY
0010											
	1	STH 38	176+00	-	199+50	LT/RT	1	4	1	0.1	4
			199+50	-	250+00	LT/RT	4	15	1	0.3	15
			250+00	-	300+00	LT/RT	1	12	1	0.3	12
			300+00	-	350+00	LT/RT	2	62	1	1.5	62
			350+00	-	390+00	LT/RT	3	28	1	0.7	28
			390+00	-	431+30	LT/RT	3	31	1	0.7	31
			431+30	-	439+30	LT/RT	--	--	--	--	--
			439+30	-	459+51	LT/RT	1	13	1	0.3	13
			UNDISTRIBUTED				--	50	10	10.0	50
		SUBTOTAL					15	215	17	13.9	215
	2	STH 38	176+00	-	199+50	LT/RT	15	239	1	5.9	239
			199+50	-	250+00	LT/RT	25	730	1	19.0	730
			250+00	-	300+00	LT/RT	24	584	1	15.0	584
			300+00	-	350+00	LT/RT	9	232	1	5.8	232
			350+00	-	390+00	LT/RT	12	174	1	4.4	174
			390+00	-	431+30	LT/RT	15	244	1	6.1	244
			431+30	-	439+30	LT/RT	--	--	--	--	--
			439+30	-	459+51	LT/RT	5	183	1	4.6	183
			UNDISTRIBUTED				--	600	10	20.0	600
		SUBTOTAL					105	2,986	17	80.8	2,986
		CATEGORY 0010 TOTAL					120	3,201	34	94.7	3,201
0070											
	1	STH 38	122+81	-	176+00	LT/RT	5	26	1	0.6	26
			UNDISTRIBUTED				--	7	1	1.0	7
		SUBTOTAL					5	33	2	1.6	33
	2	STH 38	122+81	-	176+00	LT/RT	21	697	1	17.0	697
			UNDISTRIBUTED				--	175	1	5.0	175
		SUBTOTAL					21	872	2	22.0	872
		CATEGORY 0070 TOTAL					26	905	4	23.6	905
		TOTAL					146	4,106	38	118.3	4,106

DITCHING AND SHAPING

CATEGORY	STAGE	ROADWAY	STATION	TO	STATION	O/S	SPV.0090.02 DITCHING AND SHAPING LF	625.0100 * TOSOIL SY	629.0210 * FERTILIZER TYPE B CWT	628.2006 EROSION MAT URBAN CLASS I TYPE A SY	630.0120 SEEDING MIXTURE NO. 20 LB	(FOR INFORMATION ONLY) COMMON EXCAVATION CUT CY	FILL CY
0010													
	2	STH 38	439+30	-	440+57	LT	127	127	8	127	2	5	--
		TOTAL					127	127	8	127	2	5	0

* ADDITIONAL QUANTITIES ELSEWHERE

REMOVE RIPRAP & REGRADE CHANNEL

CATEGORY	ROADWAY	STATION	TO	STATION	O/S	SPV.0180.01 REMOVE RIPRAP & REGRADE CHANNEL SY	606.0600 MEDIUM RIPRAP CY	645.0120 GEOTEXTILE TYPE HR SY
0010								
	STH 38	443+93	-	444+23	LT	60	30	60
	TOTAL					60	30	60

ADJUSTING CUC MH COVERS

CATEGORY	STAGE	ROADWAY	STATION	O/S	SPV.0060.10 ADJUSTING CUC MH COVERS EACH	COVER	REMARKS
0110							
	1	STH 38	394+35	15' LT	1	USE EXISTING	REMOVE CHIMNEY TO ROOF DECK
			400+15	8' RT	1	USE EXISTING	REMOVE CHIMNEY TO ROOF DECK
			445+41	9' LT	1	NEW COVER	REMOVE CHIMNEY TO ROOF DECK
		SUBTOTAL			3		
	2	STH 38	439+85	56' LT	1	USE EXISTING	REMOVE CHIMNEY TO ROOF DECK
			450+90	35' LT	1	USE EXISTING	
			458+34	35' LT	1	NEW COVER	REMOVE CHIMNEY TO ROOF DECK
		SUBTOTAL			3		
		TOTAL			6		

3

PERMANENT SIGNING

SIGN NO.	SIGN CODE	SIGN SIZE	SIGN MESSAGE	SIGN SIZE W (IN.)	X	H (IN.)	634.0618 POSTS WOOD 4X6-INCH X 18-FT EA	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.1220 SIGNS TYPE I REFLECTIVE SH SF	637.2215 SIGNS TYPE II REFLECTIVE H FOLDING SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	638.2602 REMOVING SIGNS TYPE II EA	638.3000 REMOVING SMALL SIGN SUPPORTS EA	MOUNT ON SAME POST AS SIGN NO.	REMARKS
1-1	W6-3	2S	--	36	X	36	1	--	--	--	9.00	--	--	--	--
1-2	R4-7	3	--	36	X	48	1	12.00	--	--	--	1	1	--	--
1-3	W5-54	2S	--	18	X	18	--	--	--	--	2.25	1	--	1-2	--
1-4	R5-1	3	DO NOT ENTER	36	X	36	1	9.00	--	--	--	1	1	--	--
1-5	W14-3	2S	NO PASSING ZONE	48	X	36	--	--	--	--	12.00	1	--	1-2	--
1-6	R2-1	3	SPEED LIMIT 45	36	X	48	1	12.00	--	--	--	1	1	--	--
1-7	R5-1A	3	WRONG WAY	42	X	30	1	8.75	--	--	--	1	1	--	--
1-8	W5-52R	3	--	18	X	54	1	--	--	--	6.75	1	1	--	--
1-9	D1-65	3	OAKWOOD RD 10300 SOUTH NEXT SIGNAL	66	X	30	2	13.75	--	--	--	1	2	--	--
1-10	R2-1	3	SPEED LIMIT 45	36	X	48	1	12.00	--	--	--	1	1	--	--
2-1	R4-7	3	--	36	X	48	--	12.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
2-2	M1-94H	3	E OAKWOOD RD	96	X	18	--	12.00	--	--	--	1	--	--	MOUNT ON SIGNAL ARM
2-3	R6-2L	3	ONE WAY	36	X	48	--	12.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
2-4	R5-1	3	DO NOT ETNER	36	X	36	--	9.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
2-5	J3-2		--	72	X	84	2	42.00	--	--	--	1	1	--	--
--	M3-1	3	NORTH	36	X	18	--	--	--	--	--	--	--	--	--
--	M1-6	3	38	36	X	36	--	--	--	--	--	--	--	--	--
--	M6-1	3	--	30	X	30	--	--	--	--	--	--	--	--	--
--	M3-3	3	SOUTH	36	X	18	--	--	--	--	--	--	--	--	--
--	M1-6	3	38	36	X	36	--	--	--	--	--	--	--	--	--
--	M6-1	3	--	30	X	30	--	--	--	--	--	--	--	--	--
2-6	R6-3	2M	DIVIDED HIGHWAY	30	X	24	--	5.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
2-7	R1-1F	2M	STOP	36	X	36	--	--	--	7.46	--	1	--	--	MOUNT ON SIGNAL POLE
2-8	R1-1F	2M	STOP	36	X	36	--	--	--	7.46	--	1	--	--	MOUNT ON SIGNAL POLE
2-9	W4-3R	2M	--	36	X	36	--	--	--	--	9.00	--	--	--	MOUNT ON SIGNAL POLE
2-10	R4-7	3	--	36	X	48	--	12.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
2-11	R6-2L	3	ONE WAY	36	X	48	--	12.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
2-12	R5-1	3	DO NOT ENTER	36	X	36	--	9.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
2-13	R5-1	3	DO NOT ENTER	36	X	36	--	9.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
2-14	R1-1F	2M	STOP	36	X	36	--	--	--	7.46	--	1	--	--	MOUNT ON SIGNAL POLE
2-15	R1-1F	2M	STOP	36	X	36	--	--	--	7.46	--	1	--	--	MOUNT ON SIGNAL POLE
2-16	M1-94S	3	38 S HOWELL AVE	102	X	18	--	12.75	--	--	--	1	--	--	MOUNT ON SIGNAL ARM
2-17	R1-1F	2M	STOP	36	X	36	--	--	--	7.46	--	1	--	--	MOUNT ON SIGNAL POLE
2-18	R5-1	3	DO NOT ENTER	36	X	36	--	9.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
2-19	R10-50L	2M	LEFT TURN YIELD ON FLASHING YELLOW ARROW	30	X	36	--	--	--	--	--	1	--	--	REMOVE SIGN ONLY
2-20	R10-50L	2M	LEFT TURN YIELD ON FLASHING YELLOW ARROW	30	X	36	--	--	--	--	--	1	--	--	REMOVE SIGN ONLY
2-21	R4-7	3	--	36	X	48	--	12.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
2-22	R1-1F	2M	STOP	36	X	36	--	--	--	7.46	--	1	--	--	MOUNT ON SIGNAL POLE
2-23	R1-1F	2M	STOP	36	X	36	--	--	--	7.46	--	1	--	--	MOUNT ON SIGNAL POLE
2-24	R1-1F	2M	STOP	36	X	36	--	--	--	7.46	--	1	--	--	MOUNT ON SIGNAL POLE
2-25	R6-2L	3	ONE WAY	36	X	48	--	12.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
2-26	R4-7	3	--	36	X	48	--	12.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
2-27	R1-1F	2M	STOP	36	X	36	--	--	--	7.46	--	1	--	--	MOUNT ON SIGNAL POLE
2-28	M1-94S	3	38 S HOWELL AVE	102	X	18	--	12.75	--	--	--	--	--	--	MOUNT ON SIGNAL ARM
2-29	W12-1R	3	--	30	X	30	1	--	--	--	--	1	1	--	--

PERMANENT SIGNING

SIGN NO.	SIGN CODE	SIGN SIZE	SIGN MESSAGE	SIGN SIZE W (IN.)	X	H (IN.)	634.0618 POSTS WOOD 4X6-INCH X 18-FT EA	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.1220 SIGNS TYPE I REFLECTIVE SH SF	637.2215 SIGNS TYPE II REFLECTIVE H FOLDING SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	638.2602 REMOVING SIGNS TYPE II EA	638.3000 REMOVING SMALL SIGN SUPPORTS EA	MOUNT ON SAME POST AS SIGN NO.	REMARKS
2-30	W12-1D	3	--	30	X	30	1	--	--	--	--	1	1	--	2' MOUNTING HEIGHT
2-31	R6-3	2M	DIVIDED HIGHWAY	30	X	24	--	5.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
2-32	R1-1F	2M	STOP	36	X	36	--	--	--	7.46	--	1	--	--	MOUNT ON SIGNAL POLE
2-33	W11-2	3	--	36	X	36	1	--	--	--	9.00	1	1	--	--
2-34	W16-7L	3	--	30	X	18	--	--	--	--	3.75	1	--	2-33	--
2-35	R6-2L	3	ONE WAY	36	X	48	--	12.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
2-36	M1-94H	3	E OAKWOOD RD	96	X	18	--	12.00	--	--	--	1	--	--	MOUNT ON SIGNAL ARM
2-37	W6-2	3	--	36	X	36	1	--	--	--	9.00	1	1	--	--
2-38	J4-1		--	36	X	54	1	13.50	--	--	--	1	1	--	--
--	M3-3	3	SOUTH	36	X	18	--	--	--	--	--	--	--	--	--
--	M1-6	3	38	36	X	36	--	--	--	--	--	--	--	--	--
2-39	W4-2R	3	--	36	X	36	1	--	--	--	9.00	1	1	--	--
2-40	R5-1A	3	WRONG WAY	42	X	30	1	8.75	--	--	--	1	1	--	--
2-41	R3-20LL	3	BEGIN LEFT TURN LANE	36	X	54	1	13.50	--	--	--	1	1	--	--
2-42	J3-2		--	72	X	84	1	42.00	--	--	--	1	1	--	--
--	M3-1	3	NORTH	36	X	18	--	--	--	--	--	--	--	--	--
--	M1-6	3	38	36	X	36	--	--	--	--	--	--	--	--	--
--	M6-1	3	--	30	X	30	--	--	--	--	--	--	--	--	--
--	M3-3	3	SOUTH	36	X	18	--	--	--	--	--	--	--	--	--
--	M1-6	3	38	36	X	36	--	--	--	--	--	--	--	--	--
--	M6-1	3	--	30	X	30	--	--	--	--	--	--	--	--	--
2-43	W4-6R	2M	--	36	X	36	--	--	--	--	9.00	1	--	--	MOUNT ON LIGHT POLE
2-44	R10-50L	2M	LEFT TURN YIELD ON FLASHING YELLOW ARROW	30	X	36	--	--	--	--	--	1	--	--	REMOVE SIGN ONLY
2-45	R5-1	3	DO NOT ENTER	36	X	36	1	9.00	--	--	--	1	1	--	--
2-46	R10-50L	2M	LEFT TURN YIELD ON FLASHING YELLOW ARROW	30	X	36	--	--	--	--	--	1	--	--	REMOVE SIGN ONLY
3-1	W9-1R	3	RIGHT LANE ENDS	36	X	36	1	--	--	--	9.00	1	1	--	--
3-2	W4-2R	3	RIGHT LANE ENDS	36	X	36	1	--	--	--	9.00	1	1	--	--
3-3	R5-1A	3	WRONG WAY	42	X	30	1	8.75	--	--	--	1	1	--	--
3-4	J4-1	3	--	36	X	54	1	13.50	--	--	--	1	1	--	--
--	M3-1	3	NORTH	36	X	18	--	--	--	--	--	--	--	--	--
--	M1-6	3	38	36	X	36	--	--	--	--	--	--	--	--	--
3-5	R2-1	3	SPEED LIMIT 45	36	X	48	1	12.00	--	--	--	1	1	--	--
3-6	R2-1	3	SPEED LIMIT 45	36	X	48	1	12.00	--	--	--	1	1	--	--
3-7	R3-20LL	3	BEGIN LEFT TURN LANE	36	X	54	1	13.50	--	--	--	1	1	--	--
3-8	D1-63	3	AFTER INTERSECTION	36	X	18	--	--	--	--	4.50	--	--	3-1	--
3-9	D1-63	3	AFTER INTERSECTION	36	X	18	--	--	--	--	4.50	--	--	3-2	--
4-1	R4-7	3	--	36	X	48	1	12.00	--	--	--	1	1	--	--
4-2	R5-1	3	DO NOT ENTER	36	X	36	1	9.00	--	--	--	1	1	--	--
4-3	D1-65	3	OAKWOOD RD NEXT SIGNAL	90	X	30	2	18.75	--	--	--	1	2	--	--
4-4	D1-65	3	OAKWOOD RD NEXT SIGNAL	90	X	30	2	18.75	--	--	--	1	2	--	--
4-5	W3-3	3	--	36	X	36	1	--	--	--	9.00	1	1	--	--
4-6	W3-3	3	--	36	X	36	1	--	--	--	9.00	1	1	--	--
5-1	R6-2L	3	ONE WAY	36	X	48	1	12.00	--	--	--	1	1	--	--
5-2	R5-1	3	--	36	X	36	1	9.00	--	--	--	1	1	--	--
5-3	R4-7	3	--	36	X	48	1	12.00	--	--	--	1	1	--	--

PERMANENT SIGNING

SIGN NO.	SIGN CODE	SIGN SIZE	SIGN MESSAGE	SIGN SIZE W (IN.)	X	H (IN.)	634.0618 POSTS WOOD 4X6-INCH X 18-FT EA	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.1220 SIGNS TYPE I REFLECTIVE SH SF	637.2215 SIGNS TYPE II REFLECTIVE H FOLDING SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	638.2602 REMOVING SIGNS TYPE II EA	638.3000 REMOVING SMALL SIGN SUPPORTS EA	MOUNT ON SAME POST AS SIGN NO.	REMARKS
5-4	R1-1	3	--	36	X	36	1	9.00	--	--	--	1	1	--	--
5-5	R6-3	2M	--	30	X	24	--	5.00	--	--	--	1	--	5-4	--
5-6	R2-1	3	SPEED LIMIT 45	36	X	48	1	12.00	--	--	--	1	1	--	--
5-7	R2-1	3	SPEED LIMIT 45	36	X	48	1	12.00	--	--	--	1	1	--	--
5-8	R2-1	3	SPEED LIMIT 45	36	X	48	--	12.00	--	--	--	1	--	5-7	--
5-9	R2-1	3	SPEED LIMIT 45	36	X	48	1	12.00	--	--	--	1	1	--	--
5-10	R4-7	3	--	36	X	48	1	12.00	--	--	--	1	1	--	--
5-11	R6-2L	3	ONE WAY	36	X	48	1	12.00	--	--	--	1	1	--	--
6-1	R5-1	3	DO NOT ENTER	36	X	36	1	9.00	--	--	--	1	1	--	--
6-2	R4-7	3	--	36	X	48	1	12.00	--	--	--	1	1	--	--
6-3	R3-52	2M	CURB LANE BICYCLES AND RIGHT TURNS ONLY	30	X	36	1	7.50	--	--	--	1	1	--	--
6-4	R4-7	3	--	36	X	48	1	12.00	--	--	--	1	1	--	--
6-5	R5-1	3	DO NOT ENTER	36	X	36	1	9.00	--	--	--	1	1	--	--
6-6	R4-7	3	--	36	X	48	1	12.00	--	--	--	1	1	--	--
6-7	W11-2	3	--	36	X	36	1	--	--	--	9.00	1	1	--	--
6-8	W16-9P	3	AHEAD	30	X	18	--	--	--	--	3.75	1	--	6-7	--
6-9	W11-2	3	--	36	X	36	1	--	--	--	9.00	1	1	--	--
6-10	W16-9P	3	AHEAD	30	X	18	--	--	--	--	3.75	1	--	6-9	--
6-11	R6-2L	3	ONE WAY	36	X	48	1	12.00	--	--	--	1	1	--	--
7-1	W11-2	3	--	36	X	36	1	--	--	--	9.00	1	1	--	--
7-2	W16-7L	3	--	30	X	18	--	--	--	--	3.75	1	--	7-1	--
7-3	W11-2	3	--	36	X	36	1	--	--	--	9.00	1	1	--	--
7-4	W16-7R	3	--	30	X	18	--	--	--	--	3.75	1	--	7-3	--
7-5	W11-2	3	--	36	X	36	1	--	--	--	9.00	1	1	--	--
7-6	W16-7R	3	--	30	X	18	--	--	--	--	3.75	1	--	7-5	--
7-7	R1-1	3	STOP	36	X	36	1	7.46	--	--	--	1	1	--	--
7-8	R6-3A	2M	DIVIDED HIGHWAY	30	X	24	--	5.00	--	--	--	1	--	7-7	--
7-9	W11-2	3	--	36	X	36	1	--	--	--	9.00	1	1	--	--
7-10	W16-7L	3	--	30	X	18	--	--	--	--	3.75	1	--	7-9	--
7-11	R5-1	3	DO NOT ENTER	36	X	36	1	9.00	--	--	--	1	1	--	--
7-12	R6-2L	3	ONE WAY	36	X	48	1	12.00	--	--	--	1	1	--	--
7-13	R2-1	3	SPEED LIMIT 45	36	X	48	1	12.00	--	--	--	1	1	--	--
7-14	R2-1	3	SPEED LIMIT 45	36	X	48	1	12.00	--	--	--	1	1	--	--
7-15	W11-2	3	--	36	X	36	1	--	--	--	9.00	1	1	--	--
7-16	W16-9P	3	AHEAD	30	X	18	--	--	--	--	3.75	1	--	7-15	--
7-17	W11-2	3	--	36	X	36	1	--	--	--	9.00	1	1	--	--
7-18	W16-9P	3	AHEAD	30	X	18	--	--	--	--	3.75	1	--	7-17	--
7-19	R2-1	3	SPEED LIMIT 45	36	X	48	1	12.00	--	--	--	1	1	--	--
7-20	R4-7	3	--	36	X	48	1	12.00	--	--	--	1	1	--	--
7-21	R4-7	3	--	36	X	48	1	12.00	--	--	--	1	1	--	--
8-1	R6-2L	3	--	36	X	48	1	12.00	--	--	--	1	1	--	--
8-2	R1-1	3	--	36	X	36	1	7.46	--	--	--	1	1	--	--
8-3	R6-3	2M	--	30	X	24	--	5.00	--	--	--	1	--	8-2	--
8-4	R5-1	3	--	36	X	36	1	9.00	--	--	--	1	1	--	--
8-5	R4-7	3	--	36	X	48	1	12.00	--	--	--	1	1	--	--

PERMANENT SIGNING

SIGN NO.	SIGN CODE	SIGN SIZE	SIGN MESSAGE	SIGN SIZE W (IN.)	X	H (IN.)	634.0618 POSTS WOOD 4X6-INCH X 18-FT EA	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.1220 SIGNS TYPE I REFLECTIVE SH SF	637.2215 SIGNS TYPE II REFLECTIVE H FOLDING SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	638.2602 REMOVING SIGNS TYPE II EA	638.3000 REMOVING SMALL SIGN SUPPORTS EA	MOUNT ON SAME POST AS SIGN NO.	REMARKS
8-6	R1-1	3	--	36	X	36	1	7.46	--	--	--	1	1	--	--
8-7	R6-3	2M	--	30	X	24	--	5.00	--	--	--	1	--	8-6	--
8-8	R6-2L	3	--	36	X	48	1	12.00	--	--	--	1	1	--	--
8-9	W16-7R	3	--	30	X	18	--	--	--	--	3.75	--	--	8-16	--
8-10	R4-7	3	--	36	X	48	1	12.00	--	--	--	1	1	--	--
8-11	R5-1	3	DO NOT ENTER	36	X	36	1	9.00	--	--	--	1	1	--	--
8-12	W11-2	3	--	36	X	36	--	--	--	--	9.00	--	--	8-16	--
8-13	R3-52	2M	CURB LANE BICYCLES AND RIGHT TURNS ONLY	30	X	36	1	7.50	--	--	--	1	1	--	--
8-14	W11-2	3	--	36	X	36	1	--	--	--	9.00	--	--	--	--
8-15	W16-7L	3	--	30	X	18	--	--	--	--	3.75	--	--	8-14	--
8-16	W11-2	3	--	36	X	36	1	--	--	--	9.00	--	--	--	--
8-17	W16-7R	3	--	30	X	18	--	--	--	--	3.75	--	--	8-16	--
8-18	W11-2	3	--	36	X	36	--	--	--	--	9.00	--	--	8-4	--
8-19	W16-7L	3	--	30	X	18	--	--	--	--	3.75	--	--	8-4	--
9-1	R6-2L	3	--	36	X	48	1	12.00	--	--	--	1	1	--	--
9-2	W11-2	3	--	36	X	36	1	--	--	--	9.00	1	1	--	--
9-3	W16-9P	3	AHEAD	30	X	18	--	--	--	--	3.75	1	--	9-2	--
9-4	R2-1	3	SPEED LIMIT 45	36	X	48	1	12.00	--	--	--	1	1	--	--
9-5	R2-1	3	SPEED LIMIT 45	36	X	48	1	12.00	--	--	--	1	1	--	--
9-6	R5-1	3	DO NOT ENTER	36	X	36	1	9.00	--	--	--	1	1	--	--
9-7	R4-7	3	--	36	X	48	1	12.00	--	--	--	1	1	--	--
9-8	R2-1	3	SPEED LIMIT 45	36	X	48	1	12.00	--	--	--	1	1	--	--
9-9	R2-1	3	SPEED LIMIT 45	36	X	48	1	12.00	--	--	--	1	1	--	--
9-10	W11-2	3	--	36	X	36	1	--	--	--	9.00	1	1	--	--
9-11	W16-9P	3	AHEAD	30	X	18	--	--	--	--	3.75	1	--	9-10	--
10-1	R1-1	3	STOP	36	X	36	1	7.46	--	--	--	1	1	--	--
10-2	R6-3	2M	DIVIDED HIGHWAY	30	X	24	--	5.00	--	--	--	1	--	10-1	--
10-3	R5-1	3	DO NOT ENTER	36	X	36	1	9.00	--	--	--	1	1	--	--
10-4	W11-2	3	--	36	X	36	1	--	--	--	9.00	1	1	--	--
10-5	W16-7L	3	--	30	X	18	--	--	--	--	3.75	1	--	10-4	--
10-6	R4-7	3	--	36	X	48	1	12.00	--	--	--	1	1	--	--
10-7	R3-52	2M	CURB LANE BICYCLES AND RIGHT TURNS ONLY	30	X	36	1	7.50	--	--	--	1	1	--	--
10-8	W11-2	3	--	36	X	36	1	--	--	--	9.00	1	1	--	--
10-9	W16-7R	3	--	30	X	18	--	--	--	--	3.75	1	--	10-8	--
10-10	W11-2	3	--	36	X	36	1	--	--	--	9.00	1	1	--	--
10-11	W16-7R	3	--	30	X	18	--	--	--	--	3.75	1	--	10-10	--
10-12	R1-1	3	STOP	36	X	36	1	7.46	--	--	--	1	1	--	--
10-13	R6-3	2M	DIVIDED HIGHWAY	30	X	24	--	5.00	--	--	--	1	--	10-12	--
10-14	R6-2L	3	ONE WAY	36	X	48	1	12.00	--	--	--	1	1	--	--
10-15	W11-2	3	--	36	X	36	1	--	--	--	9.00	1	1	--	--
10-16	W16-7L	3	--	30	X	18	--	--	--	--	3.75	--	--	10-15	--
10-17	R3-20L	3	BEGIN LEFT TURN LANE	36	X	54	1	13.50	--	--	--	1	1	--	--
10-18	J1-1		--	36	X	57	1	14.25	--	--	--	1	1	--	--
--	M2-1	3	JCT	30	X	21	--	--	--	--	--	--	--	--	--
--	M1-6	3	100	36	X	36	--	--	--	--	--	--	--	--	--

PERMANENT SIGNING

SIGN NO.	SIGN CODE	SIGN SIZE	SIGN MESSAGE	SIGN SIZE W (IN.)	X	H (IN.)	634.0618 POSTS WOOD 4X6-INCH X 18-FT EA	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.1220 SIGNS TYPE I REFLECTIVE SH SF	637.2215 SIGNS TYPE II REFLECTIVE H FOLDING SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	638.2602 REMOVING SIGNS TYPE II EA	638.3000 REMOVING SMALL SIGN SUPPORTS EA	MOUNT ON SAME POST AS SIGN NO.	REMARKS
10-19	J1-1		--	36	X	57	1	14.25	--	--	--	1	1	--	--
--	M2-1	3	JCT	30	X	21	--	--	--	--	--	--	--	--	--
--	M1-6	3	100	36	X	36	--	--	--	--	--	--	--	--	--
10-20	J		--	108	X	120	2	90.00	--	--	--	1	2	--	--
--	M3-4	3	WEST	36	X	18	--	--	--	--	--	--	--	--	--
--	M1-6	3	100	36	X	36	--	--	--	--	--	--	--	--	--
--	M5-1L	3	--	30	X	30	--	--	--	--	--	--	--	--	--
--	MB4-5	3	TO	36	X	18	--	--	--	--	--	--	--	--	--
--	M1-1	3	INTERSTATE 41	36	X	36	--	--	--	--	--	--	--	--	--
--	M1-1	3	INTERSTATE 94	36	X	36	--	--	--	--	--	--	--	--	--
--	MB5-1L	3	--	30	X	30	--	--	--	--	--	--	--	--	--
--	M3-2	3	EAST	36	X	18	--	--	--	--	--	--	--	--	--
--	M1-6	3	100	36	X	36	--	--	--	--	--	--	--	--	--
--	M5-1R	3	--	30	X	30	--	--	--	--	--	--	--	--	--
10-21	J		--	108	X	120	2	90.00	--	--	--	1	2	--	--
--	M3-4	3	WEST	36	X	18	--	--	--	--	--	--	--	--	--
--	M1-6	3	100	36	X	36	--	--	--	--	--	--	--	--	--
--	M5-1L	3	--	30	X	30	--	--	--	--	--	--	--	--	--
--	MB4-5	3	TO	36	X	18	--	--	--	--	--	--	--	--	--
--	M1-1	3	INTERSTATE 41	36	X	36	--	--	--	--	--	--	--	--	--
--	M1-1	3	INTERSTATE 94	36	X	36	--	--	--	--	--	--	--	--	--
--	MB5-1L	3	--	30	X	30	--	--	--	--	--	--	--	--	--
--	M3-2	3	EAST	36	X	18	--	--	--	--	--	--	--	--	--
--	M1-6	3	100	36	X	36	--	--	--	--	--	--	--	--	--
--	M5-1R	3	--	30	X	30	--	--	--	--	--	--	--	--	--
10-22	R7-1D	3	NO PARKING ANY TIME	24	X	30	--	5.00	--	--	--	1	--	10-21	--
10-23	W3-3	3	--	36	X	36	1	--	--	--	9.00	1	1	--	--
10-24	W3-3	3	--	36	X	36	1	--	--	--	9.00	1	1	--	--
10-25	D1-65	3	RYAN RD 9500 SOUTH NEXT SIGNAL	72	X	36	2	18.00	--	--	--	1	2	--	--
10-26	R6-2R	3	ONE WAY	36	X	48	1	12.00	--	--	--	1	1	--	--
10-27	W11-2	3	--	36	X	36	1	--	--	--	9.00	1	1	--	--
10-28	W16-9P	3	AHEAD	30	X	18	--	--	--	--	3.75	1	--	10-27	--
10-29	W11-2	3	--	36	X	36	1	--	--	--	9.00	1	1	--	--
10-30	W16-9P	3	AHEAD	30	X	18	--	--	--	--	3.75	1	--	10-29	--
10-31	R7-1R	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
CATEGORY 0070 TOTALS							113	1298.80	--	74.60	396.75	161	109		

3

PERMANENT SIGNING

SIGN NO.	SIGN CODE	SIGN SIZE	SIGN MESSAGE	SIGN SIZE W (IN.)	X	H (IN.)	634.0618 POSTS WOOD 4X6-INCH X 18-FT EA	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.1220 SIGNS TYPE I REFLECTIVE SH SF	637.2215 SIGNS TYPE II REFLECTIVE H FOLDING SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	638.2602 REMOVING SIGNS TYPE II EA	638.3000 REMOVING SMALL SIGN SUPPORTS EA	MOUNT ON SAME POST AS SIGN NO.	REMARKS
11-1	W12-1D	3	--	30	X	30	1	--	--	--	6.25	1	1	--	2' MOUNTING HEIGHT
11-2	R2-1	3	SPEED LIMIT 45	36	X	48	1	12.00	--	--	--	1	1	--	--
11-3	R2-1	3	SPEED LIMIT 45	36	X	48	1	12.00	--	--	--	1	1	--	--
11-4	W4-2R	3	--	36	X	36	--	--	--	--	9.00	1	--	--	MOUNT ON STRUCTURE ARM
11-5	R6-2R	3	ONE WAY	36	X	48	1	12.00	--	--	--	1	1	--	--
11-6	W9-1R	3	RIGHT LAND ENDS	36	X	36	1	--	--	--	9.00	1	1	--	--
11-7	J4-1		--	36	X	54	1	13.50	--	--	--	1	1	--	--
--	M3-3	3	SOUTH	36	X	18	--	--	--	--	--	--	--	--	--
--	M1-6	3	38	36	X	36	--	--	--	--	--	--	--	--	--
11-8	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
11-9	W4-2R	3	--	36	X	36	--	--	--	--	9.00	1	--	--	MOUNT ON SIGNAL POLE
11-10	W16-9P	3	AHEAD	30	X	18	--	--	--	--	3.75	1	--	--	MOUNT ON SIGNAL POLE
11-11	R6-2L	3	ONE WAY	36	X	48	--	12.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
11-12	R10-11F	2M	NO TURN ON RED FROM LEFT LANE	30	X	36	--	7.50	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
11-13	R5-1	3	DO NOT ENTER	36	X	36	1	9.00	--	--	--	1	1	--	--
11-14	R1-1F	2M	STOP	36	X	36	--	--	--	7.46	--	1	--	--	MOUNT ON SIGNAL POLE
11-15	M1-94H	3	S HOWELL AVE	102	X	18	--	12.75	--	--	--	1	--	--	MOUNT ON SIGNAL ARM
11-16	R4-7	3	--	36	X	48	--	12.00	--	--	--	1	--	--	MOUNT ON LIGHT POLE
11-17	J4-1		--	36	X	54	--	13.50	--	--	--	1	--	--	MOUNT ON LIGHT POLE
--	M3-3	3	SOUTH	36	X	18	--	--	--	--	--	--	--	--	--
--	M1-6	3	38	36	X	36	--	--	--	--	--	--	--	--	--
11-18	R1-1F	2M	STOP	36	X	36	--	--	--	7.46	--	1	--	--	MOUNT ON LIGHT POLE
11-19	R4-7	3	--	36	X	48	--	12.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
11-20	M1-94H	3	RYAN RD	78	X	18	--	9.75	--	--	--	1	--	--	MOUNT ON SIGNAL ARM
11-21	R4-7	3	--	36	X	48	--	12.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
11-22	M1-94H	3	S HOWELL AVE	102	X	18	--	12.75	--	--	--	1	--	--	MOUNT ON SIGNAL ARM
11-23	R5-1	3	DO NOT ENTER	36	X	36	--	9.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
11-24	R6-2L	3	ONE WAY	36	X	48	--	12.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
11-25	J4-1		--	36	X	54	1	13.50	--	--	--	1	1	--	--
--	M3-2	3	EAST	36	X	18	--	--	--	--	--	--	--	--	--
--	M1-6	3	100	36	X	36	--	--	--	--	--	--	--	--	--
11-26	R1-1F	2M	STOP	36	X	36	--	--	--	7.46	--	1	--	--	MOUNT ON SIGNAL POLE
11-27	J3-1		--	36	X	84	1	21.00	--	--	--	1	1	--	--
--	M3-2	3	EAST	36	X	18	--	--	--	--	--	--	--	--	--
--	M1-6	3	100	36	X	36	--	--	--	--	--	--	--	--	--
--	M6-1	3	--	30	X	30	--	--	--	--	--	--	--	--	--
11-28	R1-1F	2M	STOP	36	X	36	--	--	--	7.46	--	1	--	--	MOUNT ON LIGHT POLE
11-29	R6-3	2M	DIVIDED HIGHWAY	30	X	24	--	5.00	--	--	--	1	--	--	MOUNT ON LIGHT POLE
11-30	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
11-31	J3-1		--	36	X	84	--	--	--	--	--	1	--	--	MOUNT ON LIGHT POLE
--	M3-4	3	WEST	36	X	18	--	--	--	--	--	--	--	--	--
--	M1-6	3	100	36	X	36	--	--	--	--	--	--	--	--	--
--	M6-1	3	--	30	X	30	--	--	--	--	--	--	--	--	--
11-32	R3-5L	2M	ONLY	42	X	48	--	14.00	--	--	--	1	--	--	MOUNT ON STRUCTURE ARM
11-33	R3-5L	2M	ONLY	42	X	48	--	14.00	--	--	--	1	--	--	MOUNT ON STRUCTURE ARM

PERMANENT SIGNING

SIGN NO.	SIGN CODE	SIGN SIZE	SIGN MESSAGE	SIGN SIZE W (IN.)	X	H (IN.)	634.0618 POSTS WOOD 4X6-INCH X 18-FT EA	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.1220 SIGNS TYPE I REFLECTIVE SH SF	637.2215 SIGNS TYPE II REFLECTIVE H FOLDING SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	638.2602 REMOVING SIGNS TYPE II EA	638.3000 REMOVING SMALL SIGN SUPPORTS EA	MOUNT ON SAME POST AS SIGN NO.	REMARKS
11-34	R5-1A	3	WRONG WAY	42	X	30	1	8.75	--	--	--	1	1	--	--
11-35	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
11-36	R1-1F	2M	STOP	36	X	36	--	--	--	7.46	--	1	--	--	MOUNT ON SIGNAL POLE
11-37	I55-56	2	ADOPT A HIGHWAY	30	X	18	1	3.75	--	--	--	1	1	--	--
11-38	I55-56P	2	JAKE & LAUREN SZEFLUSKI FOUNDATION	30	X	18	-	3.75	--	--	--	1	--	11-37	--
12-1	R6-2L	3	ONE WAY	36	X	48	--	12.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
12-2	R1-1F	2M	STOP	36	X	36	--	--	--	7.46	--	1	--	--	MOUNT ON SIGNAL POLE
12-3	R1-2	3	YIELD	48	X	42	--	7.46	--	--	--	1	--	--	MOUNT ON LIGHT POLE
12-4	W12-1D	3	--	30	X	30	1	--	--	--	6.25	1	1	--	2' MOUNTING HEIGHT
12-5	J2-2		--	72	X	84	2	42.00	--	--	--	1	2	--	--
--	MB4-5	3	TO	36	X	18	--	--	--	--	--	--	--	--	--
--	M1-1	3	INTERSTATE 94	36	X	36	--	--	--	--	--	--	--	--	--
--	MB6-1	3	--	30	X	30	--	--	--	--	--	--	--	--	--
--	M3-4	3	WEST	36	X	18	--	--	--	--	--	--	--	--	--
--	M1-6	3	100	36	X	36	--	--	--	--	--	--	--	--	--
--	M6-1	3	--	30	X	30	--	--	--	--	--	--	--	--	--
12-6	R3-5L	2M	ONLY	42	X	48	--	14.00	--	--	--	1	--	--	MOUNT ON STRUCTURE ARM
12-7	R3-5L	2M	ONLY	42	X	48	--	14.00	--	--	--	1	--	--	MOUNT ON STRUCTURE ARM
12-8	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
12-9	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
12-10	R2-1	3	SPEED LIMIT 45	36	X	48	1	12.00	--	--	--	1	1	--	--
12-11	R2-1	3	SPEED LIMIT 45	36	X	48	1	12.00	--	--	--	1	1	--	--
12-12	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
12-13	J3-1		--	36	X	84	1	21.00	--	--	--	1	1	--	--
--	M3-2	3	EAST	36	X	18	--	--	--	--	--	--	--	--	--
--	M1-6	3	100	36	X	36	--	--	--	--	--	--	--	--	--
--	M6-1	3	--	30	X	30	--	--	--	--	--	--	--	--	--
12-14	J4-1		--	36	X	54	1	13.50	--	--	--	1	1	--	--
--	M3-3	3	NORTH	36	X	18	--	--	--	--	--	--	--	--	--
--	M1-6	3	38	36	X	36	--	--	--	--	--	--	--	--	--
12-15	R1-2	3	YIELD	48	X	42	--	7.46	--	--	--	1	--	--	MOUNT ON LIGHT POLE
12-16	W12-1D	2M	--	24	X	24	1	--	--	--	4.00	1	--	--	--
12-17	R1-1F	2M	STOP	36	X	36	--	--	--	7.46	--	1	--	--	MOUNT ON SIGNAL POLE
12-18	R6-2L	3	ONE WAY	36	X	48	--	12.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
12-19	R5-1	3	DO NOT ENTER	36	X	36	--	9.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
12-20	M1-94H	3	RYAN RD	78	X	18	--	9.75	--	--	--	1	--	--	MOUNT ON SIGNAL ARM
12-21	R1-1F	2M	STOP	36	X	36	--	--	--	7.46	--	1	--	--	MOUNT ON SIGNAL POLE
12-22	R4-7	3	--	36	X	48	--	12.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
12-23	R5-1	3	DO NOT ENTER	36	X	36	--	9.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
12-24	R6-3	2M	DIVIDED HIGHWAY	30	X	24	--	5.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
12-25	W11-2	3	--	36	X	36	1	--	--	--	9.00	--	--	--	--
12-26	W16-9P	3	AHEAD	30	X	18	--	--	--	--	3.75	--	--	12-25	--
12-27	W11-2	3	--	36	X	36	1	--	--	--	9.00	--	--	--	--
12-28	W16-9P	3	AHEAD	30	X	18	--	--	--	--	3.75	--	--	12-27	--
12-29	I55-56	2	ADOPT A HIGHWAY	30	X	18	1	3.75	--	--	--	1	1	--	--

PERMANENT SIGNING

SIGN NO.	SIGN CODE	SIGN SIZE	SIGN MESSAGE	SIGN SIZE W (IN.)	X	H (IN.)	634.0618 POSTS WOOD 4X6-INCH X 18-FT EA	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.1220 SIGNS TYPE I REFLECTIVE SH SF	637.2215 SIGNS TYPE II REFLECTIVE H FOLDING SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	638.2602 REMOVING SIGNS TYPE II EA	638.3000 REMOVING SMALL SIGN SUPPORTS EA	MOUNT ON SAME POST AS SIGN NO.	REMARKS
12-30	I55-56P	2	MKE2 AMAZON CENTER	30	X	18	--	3.75	--	--	--	1	--	12-29	--
13-1	R4-7	3	--	36	X	48	1	12.00	--	--	--	1	1	--	--
13-2	R6-2L	3	ONE WAY	36	X	48	1	12.00	--	--	--	1	1	--	--
13-3	D1-65	3	RYAN RD 9500 SOUTH NEXT SIGNAL	72	X	36	2	18.00	--	--	--	1	2	--	--
13-4	R4-7	3	--	36	X	48	1	12.00	--	--	--	1	1	--	--
13-5	R1-1	3	STOP	36	X	36	1	7.46	--	--	--	1	1	--	--
13-6	R6-3	2M	DIVIDED HIGHWAY	30	X	24	--	5.00	--	--	--	1	--	13-5	--
13-7	R3-20L	3	BEGIN LEFT TURN LANE	36	X	54	1	13.50	--	--	--	1	1	--	--
13-8	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
13-9	J2-3		--	108	X	84	2	63.00	--	--	--	1	2	--	--
--	M3-2	3	EAST	36	X	18	--	--	--	--	--	--	--	--	--
--	M1-6	3	100	36	X	36	--	--	--	--	--	--	--	--	--
--	M5-1L	3	--	30	X	30	--	--	--	--	--	--	--	--	--
--	MB4-5	3	TO	36	X	18	--	--	--	--	--	--	--	--	--
--	M1-1	3	INTERSTATE 94	36	X	36	--	--	--	--	--	--	--	--	--
--	MB5-1R	3	--	30	X	30	--	--	--	--	--	--	--	--	--
--	M3-4	3	WEST	36	X	18	--	--	--	--	--	--	--	--	--
--	M1-6	3	100	36	X	36	--	--	--	--	--	--	--	--	--
--	M5-1R	3	--	30	X	30	--	--	--	--	--	--	--	--	--
13-10	J2-3		--	108	X	84	2	63.00	--	--	--	1	2	--	--
--	M3-2	3	EAST	36	X	18	--	--	--	--	--	--	--	--	--
--	M1-6	3	100	36	X	36	--	--	--	--	--	--	--	--	--
--	M5-1L	3	--	30	X	30	--	--	--	--	--	--	--	--	--
--	MB4-5	3	TO	36	X	18	--	--	--	--	--	--	--	--	--
--	M1-1	3	INTERSTATE 94	36	X	36	--	--	--	--	--	--	--	--	--
--	MB5-1R	3	--	30	X	30	--	--	--	--	--	--	--	--	--
--	M3-4	3	WEST	36	X	18	--	--	--	--	--	--	--	--	--
--	M1-6	3	100	36	X	36	--	--	--	--	--	--	--	--	--
--	M5-1R	3	--	30	X	30	--	--	--	--	--	--	--	--	--
13-11	W11-2	3	--	36	X	36	1	--	--	--	9.00	--	--	--	--
13-12	W16-7L	3	--	30	X	18	--	--	--	--	3.75	--	--	13-11	--
13-13	R7-1D	3	NO PARKING ANY TIME	24	X	30	--	5.00	--	--	--	1	1	13-11	--
13-14	W3-3	3	--	36	X	36	1	--	--	--	9.00	1	1	--	--
13-15	W3-3	3	--	36	X	36	1	--	--	--	9.00	1	1	--	--
13-16	J1-1		--	36	X	57	1	14.25	--	--	--	1	1	--	--
--	M2-1	3	JCT	30	X	21	--	--	--	--	--	--	--	--	--
--	M1-6	3	100	36	X	36	--	--	--	--	--	--	--	--	--
13-17	W11-2	3	--	36	X	36	1	--	--	--	9.00	--	--	--	--
13-18	W16-7R	3	--	30	X	18	--	--	--	--	3.75	--	--	13-17	--
13-19	W11-2	3	--	36	X	36	--	--	--	--	9.00	--	--	13-17	--
13-20	W16-7R	3	--	30	X	18	--	--	--	--	3.75	--	--	13-17	--
13-21	R5-1	3	DO NOT ENTER	36	X	36	1	9.00	--	--	--	1	1	--	--
13-22	W11-2	3	--	36	X	36	1	--	--	--	9.00	1	1	--	--
13-23	W16-7R	3	--	30	X	18	--	--	--	--	3.75	1	--	13-22	--
13-24	W11-2	3	--	36	X	36	1	--	--	--	9.00	1	1	--	--

PERMANENT SIGNING

SIGN NO.	SIGN CODE	SIGN SIZE	SIGN MESSAGE	SIGN SIZE W (IN.)	X	H (IN.)	634.0618 POSTS WOOD 4X6-INCH X 18-FT EA	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.1220 SIGNS TYPE I REFLECTIVE SH SF	637.2215 SIGNS TYPE II REFLECTIVE H FOLDING SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	638.2602 REMOVING SIGNS TYPE II EA	638.3000 REMOVING SMALL SIGN SUPPORTS EA	MOUNT ON SAME POST AS SIGN NO.	REMARKS
13-25	W16-7L	3	--	30	X	18	--	--	--	--	3.75	1	--	13-24	--
13-26	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
13-27	R3-20L	3	BEGIN LEFT TURN LANE	36	X	54	--	--	--	--	--	1	1	--	REMOVE ONLY
14-1	W11-2	3	--	36	X	36	--	--	--	--	9.00	1	--	--	INSTALL ON EXISTING TYPE I POLE
14-2	W16-7R	3	--	30	X	18	--	--	--	--	3.75	1	--	14-1	INSTALL ON EXISTING TYPE I POLE
14-3	W11-2	3	--	36	X	36	--	--	--	--	9.00	1	--	--	INSTALL ON EXISTING TYPE I POLE
14-4	W16-7R	3	--	30	X	18	--	--	--	--	3.75	1	--	14-3	INSTALL ON EXISTING TYPE I POLE
14-5	W11-2	3	--	36	X	36	--	--	--	--	9.00	1	--	--	INSTALL ON EXISTING TYPE I POLE
14-6	W16-7L	3	--	30	X	18	--	--	--	--	3.75	1	--	14-5	INSTALL ON EXISTING TYPE I POLE
14-7	R10-25	2M	PUSH BUTTON TO TURN ON WARNING LIGHTS	9	X	12	--	0.75	--	--	--	1	--	14-5	INSTALL ON EXISTING TYPE I POLE
14-8	R5-1	3	DO NOT ENTER	36	X	36	1	9.00	--	--	--	1	1	--	--
14-9	R1-1	3	STOP	36	X	36	1	7.46	--	--	--	1	1	--	--
14-10	R6-3	2M	DIVIDED HIGHWAY	30	X	24	--	5.00	--	--	--	1	--	14-9	--
14-11	R6-2L	3	ONE WAY	36	X	48	1	12.00	--	--	--	1	1	--	--
14-12	W5-52L	3	--	18	X	54	1	--	--	--	6.75	1	1	--	--
14-13	R10-25	2M	PUSH BUTTON TO TURN ON WARNING LIGHTS	9	X	12	--	0.75	--	--	--	--	--	14-1	INSTALL ON EXISTING TYPE I POLE
14-14	R4-7	3	--	36	X	48	1	12.00	--	--	--	1	1	--	--
14-15	R2-1	3	SPEED LIMIT 45	36	X	48	1	12.00	--	--	--	1	1	--	--
14-16	R2-1	3	SPEED LIMIT 45	36	X	48	1	12.00	--	--	--	1	1	--	--
14-17	W11-2	3	--	36	X	36	--	--	--	--	9.00	1	--	--	INSTALL ON EXISTING TYPE I POLE
14-18	W16-7L	3	--	30	X	18	--	--	--	--	3.75	1	--	14-17	INSTALL ON EXISTING TYPE I POLE
14-19	R6-2L	3	ONE WAY	36	X	48	1	12.00	--	--	--	1	1	--	--
14-20	R5-1	3	DO NOT ENTER	36	X	36	1	9.00	--	--	--	1	1	--	--
14-21	R3-52	2M	CURB LANE BICYCLES AND RIGHT TURNS ONLY	30	X	36	1	7.50	--	--	--	1	1	--	--
14-22	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
14-23	W5-52R	3	--	18	X	54	1	--	--	--	6.75	1	1	--	--
14-24	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
14-26	R4-7	3	--	36	X	48	1	12.00	--	--	--	1	1	--	--
14-27	R2-1	3	SPEED LIMIT 45	36	X	48	1	12.00	--	--	--	1	1	--	--
14-28	R2-1	3	SPEED LIMIT 45	36	X	48	1	12.00	--	--	--	1	1	--	--
14-29	R10-25	2M	PUSH BUTTON TO TURN ON WARNING LIGHTS	9	X	12	--	0.75	--	--	--	--	--	14-17	INSTALL ON EXISTING TYPE I POLE
15-1	W5-52L	3	--	18	X	54	1	--	--	--	6.75	1	1	--	4 FOOT MOUNTING HEIGHT
15-2	W11-2	3	--	36	X	36	1	--	--	--	9.00	1	1	--	--
15-3	W16-9P	3	AHEAD	30	X	18	--	--	--	--	3.75	1	--	15-2	--
15-4	R1-1	3	STOP	36	X	36	1	7.46	--	--	--	1	1	--	--
15-5	R6-3	2M	DIVIDED HIGHWAY	30	X	24	--	5.00	--	--	--	1	--	15-4	--
15-6	R5-1	3	DO NOT ENTER	36	X	36	1	9.00	--	--	--	1	1	--	--
15-7	R4-7	3	--	36	X	48	1	12.00	--	--	--	1	1	--	--
15-8	W5-52R	3	--	18	X	54	1	--	--	--	6.75	1	1	--	4 FOOT MOUNTING HEIGHT
15-9	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
15-10	I55-56	2	ADOPT A HIGHWAY	30	X	18	1	3.75	--	--	--	1	1	--	--
15-11	W11-2	3	--	36	X	36	1	--	--	--	9.00	1	1	--	--
15-12	W16-9P	3	AHEAD	30	X	18	--	--	--	--	3.75	1	--	15-11	--
15-13	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
15-14	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--

3

PERMANENT SIGNING

SIGN NO.	SIGN CODE	SIGN SIZE	SIGN MESSAGE	SIGN SIZE W (IN.)	X	H (IN.)	634.0618 POSTS WOOD 4X6-INCH X 18-FT EA	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.1220 SIGNS TYPE I REFLECTIVE SH SF	637.2215 SIGNS TYPE II REFLECTIVE H FOLDING SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	638.2602 REMOVING SIGNS TYPE II EA	638.3000 REMOVING SMALL SIGN SUPPORTS EA	MOUNT ON SAME POST AS SIGN NO.	REMARKS
15-15	R2-1	3	SPEED LIMIT 45	36	X	48	1	12.00	--	--	--	1	1	--	--
15-16	R2-1	3	SPEED LIMIT 45	36	X	48	1	12.00	--	--	--	1	1	--	--
15-17	R3-52	2M	CURB LANE BICYCLES AND RIGHT TURNS ONLY	30	X	36	1	7.50	--	--	--	1	1	--	--
15-18	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
15-19	R2-1	3	SPEED LIMIT 45	36	X	48	1	12.00	--	--	--	1	1	--	--
15-20	R2-1	3	SPEED LIMIT 45	36	X	48	1	12.00	--	--	--	1	1	--	--
15-21	R6-2L	3	ONE WAY	36	X	48	1	12.00	--	--	--	1	1	--	--
15-22	I55-56P	2	JAKE & LAUREN SZEFLUSKI FOUNDATION	30	X	18	--	3.75	--	--	--	1	--	15-10	--
16-1	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
16-2	R4-7	3	--	36	X	48	1	12.00	--	--	--	1	1	--	--
16-3	R5-1	3	DO NOT ENTER	36	X	36	1	9.00	--	--	--	1	1	--	--
16-4	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
16-5	R3-20L	3	BEGIN LEFT TURN LANE	36	X	54	--	--	--	--	--	1	1	--	REMOVE ONLY
16-6	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
16-7	R6-2L	3	ONE WAY	36	X	48	1	12.00	--	--	--	1	1	--	--
16-8	R4-7	3	--	36	X	48	1	12.00	--	--	--	1	1	--	--
16-9	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
17-1	R1-1	3	STOP	36	X	36	1	7.46	--	--	--	1	1	--	--
17-2	R6-3A	2M	DIVIDED HIGHWAY	30	X	24	--	5.00	--	--	--	1	--	17-1	--
17-3	R5-1	3	DO NOT ENTER	36	X	36	1	9.00	--	--	--	1	1	--	--
17-4	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
17-5	R4-7	3	--	36	X	48	--	12.00	--	--	--	1	--	--	MOUNT ON LIGHT POLE
17-6	W3-3	3	--	36	X	36	1	--	--	--	9.00	1	1	--	--
17-7	W3-3	3	--	36	X	36	1	--	--	--	9.00	1	1	--	--
17-8	R3-2	3	--	36	X	36	1	9.00	--	--	--	1	1	--	--
17-9	R6-2L	3	ONE WAY	36	X	48	1	12.00	--	--	--	1	1	--	--
17-10	R3-2	3	--	36	X	36	1	9.00	--	--	--	1	1	--	--
17-11	R4-7	3	--	36	X	48	--	12.00	--	--	--	1	--	17-10	--
17-12	D1-65	3	CENTENNIAL DRIVE NEXT SIGNAL	102	X	30	2	21.25	--	--	--	1	2	--	--
17-13	D1-65	3	CENTENNIAL DRIVE NEXT SIGNAL	102	X	30	2	21.25	--	--	--	1	2	--	--
17-14	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
17-15	R3-20L	3	BEGIN LEFT TURN LANE	36	X	54	1	13.50	--	--	--	1	1	--	--
18-1	R3-52	2M	CURB LANE BICYCLES AND RIGHT TURNS ONLY	30	X	36	1	7.50	--	--	--	1	1	--	--
18-2	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
18-3	R2-1	3	SPEED LIMIT 45	36	X	48	1	12.00	--	--	--	1	1	--	--
18-4	R2-1	3	SPEED LIMIT 45	36	X	48	1	12.00	--	--	--	1	1	--	--
18-5	R1-1F	2M	STOP	36	X	36	1	--	--	7.46	--	1	1	--	--
18-6	R4-7	3	--	36	X	48	--	12.00	--	--	--	1	--	18-5	--
18-7	J2-2		--	72	X	84	1	42.00	--	--	--	1	1	--	--
--	M3-1	3	NORTH	36	X	18	--	--	--	--	--	--	--	--	--
--	M1-6	3	38	36	X	36	--	--	--	--	--	--	--	--	--
--	M6-1	3	--	30	X	30	--	--	--	--	--	--	--	--	--
--	M3-3	3	SOUTH	36	X	18	--	--	--	--	--	--	--	--	--
--	M1-6	3	38	36	X	36	--	--	--	--	--	--	--	--	--
--	M6-1	3	--	30	X	30	--	--	--	--	--	--	--	--	--

PERMANENT SIGNING

SIGN NO.	SIGN CODE	SIGN SIZE	SIGN MESSAGE	SIGN SIZE W (IN.)	X	H (IN.)	634.0618 POSTS WOOD 4X6-INCH X 18-FT EA	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.1220 SIGNS TYPE I REFLECTIVE SH SF	637.2215 SIGNS TYPE II REFLECTIVE H FOLDING SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	638.2602 REMOVING SIGNS TYPE II EA	638.3000 REMOVING SMALL SIGN SUPPORTS EA	MOUNT ON SAME POST AS SIGN NO.	REMARKS
18-8	R1-1	3	STOP	36	X	36	--	7.46	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
18-9	R6-3	2M	DIVIDED HIGHWAY	30	X	24	--	5.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
18-10	R6-2L	3	ONE WAY	36	X	48	--	12.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
18-11	R7-1D	2M	NO PARKING ANY TIME	18	X	24	1	3.00	--	--	--	1	1	--	--
18-12	M1-94S	3	S HOWELL AVE	102	X	18	--	12.75	--	--	--	1	--	--	MOUNT ON SIGNAL ARM
18-13	R1-1F	2M	STOP	36	X	36	--	--	--	7.46	--	1	--	--	MOUNT ON SIGNAL POLE
18-14	R5-1	3	DO NOT ENTER	36	X	36	--	9.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
18-15	R1-1F	2M	STOP	36	X	36	1	--	--	7.46	--	1	1	--	--
18-16	R4-7	3	--	36	X	48	--	12.00	--	--	--	1	--	18-15	--
18-17	R6-2L	3	ONE WAY	36	X	48	--	12.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
18-18	R1-1	3	STOP	36	X	36	--	7.46	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
18-19	R6-3	2M	DIVIDED HIGHWAY	30	X	24	--	5.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
18-20	R7-1D	2M	NO PARKING ANY TIME	18	X	24	1	3.00	--	--	--	1	1	--	--
18-21	R14-1	2M	TURCK TROUTE	24	X	18	--	3.00	--	--	--	1	--	18-20	--
18-22	R1-1F	2M	STOP	36	X	36	--	--	--	7.46	--	1	--	--	MOUNT ON SIGNAL POLE
18-23	R5-1	3	DO NOT ENTER	36	X	36	--	9.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
18-24	R1-1F	2M	STOP	36	X	36	--	--	--	7.46	--	1	--	--	MOUNT ON SIGNAL POLE
18-25	R5-1	3	DO NOT ENTER	36	X	36	--	9.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
18-26	R3-20LL	3	BEGIN LEFT TURN LANE	36	X	54	1	13.50	--	--	--	1	1	--	--
18-27	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
18-28	R5-1A	3	WRONG WAY	42	X	30	1	8.75	--	--	--	1	1	--	--
18-29	M1-94H	3	CENTENNIAL DR	102	X	18	--	12.75	--	--	--	1	--	--	MOUNT ON SIGNAL ARM
18-30	M1-94S	3	S HOWELL AVE	102	X	18	--	12.75	--	--	--	1	--	--	MOUNT ON SIGNAL ARM
18-31	M1-94H	3	CENTENNIAL DR	102	X	18	--	12.75	--	--	--	1	--	--	MOUNT ON SIGNAL ARM
18-32	R10-50L	2M	LEFT TURN YIELD ON FLASHING YELLOW ARROW	30	X	36	--	--	--	--	--	1	--	--	REMOVE SIGN ONLY
18-33	R10-50L	2M	LEFT TURN YIELD ON FLASHING YELLOW ARROW	30	X	36	--	--	--	--	--	1	--	--	REMOVE SIGN ONLY
18-34	R10-50L	2M	LEFT TURN YIELD ON FLASHING YELLOW ARROW	30	X	36	--	--	--	--	--	1	--	--	REMOVE SIGN ONLY
19-1	R3-20LL	3	BEGIN LEFT TURN LANE	36	X	54	1	13.50	--	--	--	1	1	--	--
19-2	R5-1A	3	WRONG WAY	42	X	30	1	8.75	--	--	--	1	1	--	--
19-3	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
19-4	W3-3	3	--	36	X	36	1	--	--	--	9.00	1	1	--	--
19-5	W3-3	3	--	36	X	36	1	--	--	--	9.00	1	1	--	--
19-6	D1-65	3	CENTENNIAL DRIVE NEXT SIGNAL	102	X	30	2	21.25	--	--	--	1	2	--	--
19-7	R3-52	2M	CURB LANE BICYCLES AND RIGHT TURNS ONLY	30	X	36	1	7.50	--	--	--	1	1	--	--
19-8	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
19-9	D1-65	3	PUET Z RD 8700 SOUTH NEXT SIGNAL	72	X	36	2	18.00	--	--	--	1	2	--	--
19-10	S4-51	3	SCHOOL SPEED LIMIT 35 WHEN CHILDREN ARE PRESENT	36	X	72	1	14.88	--	--	3.13	1	1	--	--
19-11	S4-51	3	SCHOOL SPEED LIMIT 35 WHEN CHILDREN ARE PRESENT	36	X	72	1	14.88	--	--	3.13	1	1	--	--
19-12	S1-1	3	--	36	X	36	1	9.00	--	--	9.00	1	1	--	--
19-13	R3-17AP	2M	AHEAD	30	X	24	--	5.00	--	--	--	1	--	19-12	--
19-14	W3-3	3	--	36	X	36	1	--	--	--	9.00	1	1	--	--
19-15	W3-3	3	--	36	X	36	1	--	--	--	9.00	1	1	--	--
19-16	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
19-17	R2-6P	3	FINES HIGHER	36	X	24	--	6.00	--	--	--	1	--	19-12	--
19-18	S1-1	3	--	36	X	36	1	--	--	--	9.00	1	1	--	--

PERMANENT SIGNING

SIGN NO.	SIGN CODE	SIGN SIZE	SIGN MESSAGE	SIGN SIZE W (IN.)	X	H (IN.)	634.0618 POSTS WOOD 4X6-INCH X 18-FT EA	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.1220 SIGNS TYPE I REFLECTIVE SH SF	637.2215 SIGNS TYPE II REFLECTIVE H FOLDING SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	638.2602 REMOVING SIGNS TYPE II EA	638.3000 REMOVING SMALL SIGN SUPPORTS EA	MOUNT ON SAME POST AS SIGN NO.	REMARKS
19-19	R3-17AP	2M	AHEAD	30	X	24	--	5.00	--	--	--	1	--	19-18	--
19-20	R2-6P	3	FINES HIGHER	36	X	24	--	6.00	--	--	--	1	--	19-18	--
20-1	R4-7	3	--	36	X	48	--	12.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
20-2	S1-1	3	--	36	X	36	1	--	--	--	6.75	1	1	--	--
20-3	S16-7L	3	--	30	X	18	--	--	--	--	3.75	1	--	20-2	--
20-4	R1-2	3	YIELD	48	X	42	1	7.46	--	--	--	1	1	--	--
20-5	R4-7	3	--	36	X	48	1	12.00	--	--	--	1	1	--	--
20-6	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
20-7	D1-65	3	CENTENNIAL DRIVE NEXT SIGNAL	102	X	30	2	21.25	--	--	--	1	2	--	--
20-8	R3-52	2M	CURB LANE BICYCLES AND RIGHT TURNS ONLY	30	X	36	1	7.50	--	--	--	1	1	--	--
20-9	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
20-10	R2-1	3	SPEED LIMIT 45	36	X	48	1	12.00	--	--	--	1	1	--	--
20-11	R2-1	3	SPEED LIMIT 45	36	X	48	1	12.00	--	--	--	1	1	--	--
20-12	S1-1	3	--	36	X	36	--	9.00	--	--	9.00	1	--	--	MOUNT ON LIGHT POLE
20-13	S16-7R	3	--	30	X	18	--	--	--	--	3.75	1	--	--	MOUNT ON LIGHT POLE
20-14	R9-3A	2M	--	24	X	24	1	4.00	--	--	--	1	1	--	--
20-15	R9-3BL	2M	USE CROSSWALK	18	X	12	--	1.50	--	--	--	1	--	20-14	--
20-16	R6-2L	3	ONE WAY	36	X	48	--	12.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
20-17	J4-1	3	--	24	X	36	--	6.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
--	M3-3		SOUTH				--	--	--	--	--	--	--	--	--
--	M1-6		38				--	--	--	--	--	--	--	--	--
20-18	M1-94H	3	PUETZ RD	66	X	18	--	8.25	--	--	--	1	--	--	MOUNT ON SIGNAL ARM
20-19	R1-1F	2M	STOP	36	X	36	--	--	--	7.46	--	1	--	--	MOUNT ON SIGNAL POLE
20-20	R6-3	2M	DIVIDED HIGHWAY	30	X	24	--	5.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
20-21	R5-1	3	DO NOT ENTER	36	X	36	--	9.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
20-22	S1-1	3	--	36	X	36	1	9.00	--	--	9.00	1	1	--	--
20-23	S16-7L	3	--	30	X	18	--	--	--	--	3.75	1	--	20-22	--
20-24	R1-1F	2M	STOP	36	X	36	--	--	--	7.46	--	1	--	--	MOUNT ON SIGNAL POLE
20-25	R6-3	2M	DIVIDED HIGHWAY	30	X	24	--	5.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
20-26	W12-1D	3	--	30	X	30	1	--	--	--	6.25	1	1	--	2' MOUNTING HEIGHT
20-27	R3-5L	2M	ONLY	42	X	48	--	14.00	--	--	--	1	--	--	MOUNT ON STRUCTURE ARM
20-28	R3-5L	2M	ONLY	42	X	48	--	14.00	--	--	--	1	--	--	MOUNT ON STRUCTURE ARM
20-29	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
20-30	R5-1A	3	WRONG WAY	42	X	30	1	8.75	--	--	--	1	1	--	--
20-31	R3-20L	3	BEGIN LEFT TURN LANE	36	X	54	1	13.50	--	--	--	1	1	--	--
20-32	R4-7	3	--	36	X	48	--	12.00	--	--	--	1	1	--	--
20-33	R9-3A	2M	--	24	X	24	1	4.00	--	--	--	1	1	--	--
20-34	R9-3BR	2M	USE CROSSWALK	18	X	12	--	1.50	--	--	--	1	--	20-33	--
20-35	S1-1	3	--	36	X	36	1	9.00	--	--	9.00	1	1	--	--
20-36	R3-17AP	2M	AHEAD	30	X	24	--	5.00	--	--	--	1	--	20-35	--
20-37	S1-1	3	--	36	X	36	1	9.00	--	--	9.00	1	1	--	--
20-38	R3-17AP	2M	AHEAD	30	X	24	--	5.00	--	--	--	1	--	20-37	--
20-39	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
20-40	I55-56	2	ADOPT A HIGHWAY	30	X	18	1	3.75	--	--	--	1	1	--	--
20-41	I55-56P	2	MKE2 AMAZON CENTER	30	X	18	--	3.75	--	--	--	1	--	20-40	--

PERMANENT SIGNING

SIGN NO.	SIGN CODE	SIGN SIZE	SIGN MESSAGE	SIGN SIZE W (IN.)	X	H (IN.)	634.0618 POSTS WOOD 4X6-INCH X 18-FT EA	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.1220 SIGNS TYPE I REFLECTIVE SH SF	637.2215 SIGNS TYPE II REFLECTIVE H FOLDING SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	638.2602 REMOVING SIGNS TYPE II EA	638.3000 REMOVING SMALL SIGN SUPPORTS EA	MOUNT ON SAME POST AS SIGN NO.	REMARKS
21-1	R1-2	3	YIELD	48	X	42	1	7.46	--	--	--	1	1	--	--
21-2	R1-1F	2M	STOP	36	X	36	--	--	--	7.46	--	1	--	--	MOUNT ON SIGNAL POLE
21-3	R6-3	2M	DIVIDED HIGHWAY	30	X	24	--	5.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
21-4	R1-1F	2M	STOP	36	X	36	--	--	--	7.46	--	1	--	--	MOUNT ON SIGNAL POLE
21-5	R6-3	2M	DIVIDED HIGHWAY	30	X	24	--	5.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
21-6	R1-1F	2M	STOP	36	X	36	--	--	--	7.46	--	1	--	--	MOUNT ON SIGNAL POLE
21-7	R6-3	2M	DIVIDED HIGHWAY	30	X	24	--	5.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
21-8	R4-7	3	--	36	X	48	--	12.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
21-9	R6-2L	3	ONE WAY	36	X	48	--	12.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
21-10	R6-2L	3	ONE WAY	36	X	48	--	12.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
21-11	R1-1F	2M	STOP	36	X	36	--	--	--	7.46	--	1	--	--	MOUNT ON SIGNAL POLE
21-12	R6-3	2M	DIVIDED HIGHWAY	30	X	24	--	5.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
21-13	R1-1F	2M	STOP	36	X	36	--	--	--	7.46	--	1	--	--	MOUNT ON SIGNAL POLE
21-14	R6-3	2M	DIVIDED HIGHWAY	30	X	24	--	5.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
21-15	S1-1	3	--	36	X	36	1	9.00	--	--	9.00	1	1	--	--
21-16	S16-7L	3	--	30	X	18	--	--	--	--	3.75	1	--	21-15	--
21-17	S1-1	3	--	36	X	36	1	9.00	--	--	9.00	1	--	--	--
21-18	S16-7R	3	--	30	X	18	--	--	--	--	3.75	1	--	21-17	--
21-19	R5-1A	3	WRONG WAY	42	X	30	1	8.75	--	--	--	1	1	--	--
21-20	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
21-21	R3-5L	2M	ONLY	42	X	48	--	14.00	--	--	--	1	--	--	MOUNT ON STRUCTURE ARM
21-22	R3-5L	2M	ONLY	42	X	48	--	14.00	--	--	--	1	--	--	MOUNT ON STRUCTURE ARM
21-23	R3-20L	3	BEGIN LEFT TURN LANE	36	X	54	--	13.50	--	--	--	1	--	--	MOUNT ON LIGHT POLE
21-24	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
21-25	R2-1	3	SPEED LIMIT 45	36	X	48	--	12.00	--	--	--	1	--	21-24	--
21-26	R2-1	3	SPEED LIMIT 45	36	X	48	1	12.00	--	--	--	1	1	--	--
21-27	J4-1		--	36	X	54	1	13.50	--	--	--	1	1	--	--
--	M3-1	3	NORTH	36	X	18	--	--	--	--	--	--	--	--	--
--	M1-6	3	38	36	X	36	--	--	--	--	--	--	--	--	--
21-28	R6-2L	3	ONE WAY	36	X	48	--	12.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
21-29	W12-1D	3	--	30	X	30	1	--	--	--	6.25	1	1	--	2' MOUNTING HEIGHT
21-30	R1-1F	2M	STOP	36	X	36	--	--	--	7.46	--	1	--	--	MOUNT ON SIGNAL POLE
21-31	R6-3	2M	DIVIDED HIGHWAY	30	X	24	--	5.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
21-32	R1-1F	2M	STOP	36	X	36	--	--	--	7.46	--	1	--	--	MOUNT ON SIGNAL POLE
21-33	R6-3	2M	DIVIDED HIGHWAY	30	X	24	--	5.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
21-34	R1-1F	2M	STOP	36	X	36	--	--	--	7.46	--	1	--	--	MOUNT ON SIGNAL POLE
21-35	R6-3	2M	DIVIDED HIGHWAY	30	X	24	--	5.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
21-36	R4-7	3	--	36	X	48	--	12.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
21-37	M1-94H	3	S HOWELL AVE	102	X	18	--	12.75	--	--	--	1	--	--	MOUNT ON SIGNAL ARM
21-38	R5-1	3	DO NOT ENTER	36	X	36	--	9.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
21-39	R5-1	3	DO NOT ENTER	36	X	36	--	9.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
21-40	R4-7	3	--	36	X	48	--	12.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
21-41	M1-94H	3	PUETZ RD	66	X	18	--	8.25	--	--	--	1	--	--	MOUNT ON SIGNAL ARM
21-42	R5-1	3	DO NOT ENTER	36	X	36	--	9.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
21-43	M1-94H	3	S HOWELL AVE	102	X	18	--	12.75	--	--	--	1	--	--	MOUNT ON SIGNAL ARM

PERMANENT SIGNING

SIGN NO.	SIGN CODE	SIGN SIZE	SIGN MESSAGE	SIGN SIZE W (IN.)	X	H (IN.)	634.0618 POSTS WOOD 4X6-INCH X 18-FT EA	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.1220 SIGNS TYPE I REFLECTIVE SH SF	637.2215 SIGNS TYPE II REFLECTIVE H FOLDING SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	638.2602 REMOVING SIGNS TYPE II EA	638.3000 REMOVING SMALL SIGN SUPPORTS EA	MOUNT ON SAME POST AS SIGN NO.	REMARKS
21-44	R5-1	3	DO NOT ENTER	36	X	36	--	9.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
21-45	I55-56	2	ADOPT A HIGHWAY	30	X	18	--	3.75	--	--	--	1	1	--	--
21-46	I55-56P	2	PHI SIGNMA KAPPA FRATERNITY	30	X	18	--	3.75	--	--	--	1	--	21-45	--
22-1	R6-2L	3	ONE WAY	36	X	48	1	12.00	--	--	--	1	1	--	--
22-3	R1-1	3	STOP	36	X	36	1	7.00	--	--	--	1	1	--	--
22-4	R3-2	3	--	36	X	36	--	9.00	--	--	--	1	--	22-3	--
22-5	R4-7	3	--	36	X	48	1	12.00	--	--	--	1	1	--	--
22-6	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
22-7	S1-1	3	--	36	X	36	1	9.00	--	--	9.00	1	1	--	--
22-8	R3-17AP	2M	AHEAD	30	X	24	--	5.00	--	--	--	1	--	22-7	--
22-9	S1-1	3	--	36	X	36	1	9.00	--	--	9.00	1	1	--	--
22-10	R3-17AP	2M	AHEAD	30	X	24	--	5.00	--	--	--	1	--	22-9	--
22-11	D1-65	3	PUETZ RD NEXT SIGNAL	72	X	30	2	15.00	--	--	--	1	2	--	--
22-12	D1-65	3	PUETZ RD NEXT SIGNAL	72	X	30	2	15.00	--	--	--	1	2	--	--
22-13	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
22-14	W3-3	3	--	36	X	36	1	--	--	--	9.00	1	1	--	--
22-15	W3-3	3	--	36	X	36	1	--	--	--	9.00	1	1	--	--
22-17	R6-2L	3	ONE WAY	36	X	48	1	12.00	--	--	--	1	1	--	--
22-18	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
22-19	R4-7	3	--	36	X	48	1	12.00	--	--	--	1	1	--	--
22-20	R6-2R	3	ONE WAY	36	X	48	1	12.00	--	--	--	1	1	--	--
22-22	W11-2	3	--	36	X	36	1	--	--	--	9.00	1	1	--	--
22-23	R3-17AP	2M	AHEAD	30	X	24	--	5.00	--	--	--	1	--	22-22	--
22-24	W11-2	3	--	36	X	36	1	--	--	--	9.00	1	1	--	--
22-25	R3-17AP	2M	AHEAD	30	X	24	--	5.00	--	--	--	1	--	22-24	--
22-26	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
22-27	R3-52	2M	CURB LANE BICYCLES AND RIGHT TURNS ONLY	30	X	36	1	7.50	--	--	--	1	1	--	--
23-1	W11-2	3	--	36	X	36	--	--	--	--	9.00	1	--	--	INSTALL ON TYPE I POLE
23-2	S16-7R	3	--	30	X	18	--	--	--	--	3.75	1	--	23-1	INSTALL ON TYPE I POLE
23-3	W11-2	3	--	36	X	36	--	--	--	--	9.00	1	--	--	INSTALL ON TYPE I POLE
23-4	S16-7L	3	--	30	X	18	--	--	--	--	3.75	1	--	23-3	INSTALL ON TYPE I POLE
23-5	W11-2	3	--	36	X	36	--	--	--	--	9.00	1	--	--	INSTALL ON TYPE I POLE
23-6	S16-7L	3	--	30	X	18	--	--	--	--	3.75	1	--	23-5	INSTALL ON TYPE I POLE
23-7	W11-2	3	--	36	X	36	--	--	--	--	9.00	1	--	--	INSTALL ON TYPE I POLE
23-8	S16-7R	3	--	30	X	18	--	--	--	--	3.75	1	--	23-7	INSTALL ON TYPE I POLE
23-9	W11-2	3	--	36	X	36	--	--	--	--	9.00	1	--	23-1	INSTALL ON TYPE I POLE
23-10	S16-7R	3	--	30	X	18	--	--	--	--	3.75	1	--	23-1	INSTALL ON TYPE I POLE
23-11	W11-2	3	--	36	X	36	--	--	--	--	9.00	1	--	--	INSTALL ON TYPE I POLE
23-12	S16-7L	3	--	30	X	18	--	--	--	--	3.75	1	--	23-11	INSTALL ON TYPE I POLE
23-13	R5-1	3	DO NOT ENTER	36	X	36	1	9.00	--	--	--	1	1	--	--
23-14	R1-1	3	STOP	36	X	36	1	7.46	--	--	--	1	1	--	--
23-15	R6-3	2M	DIVIDED HIGHWAY	30	X	24	--	5.00	--	--	--	1	--	23-14	--
23-16	W11-2	3	--	36	X	36	--	--	--	--	9.00	1	--	--	INSTALL ON TYPE I POLE
23-17	S16-7L	3	--	30	X	18	--	--	--	--	3.75	1	--	23-16	INSTALL ON TYPE I POLE
23-18	W11-2	3	--	36	X	36	--	--	--	--	9.00	1	--	--	INSTALL ON TYPE I POLE

PERMANENT SIGNING

SIGN NO.	SIGN CODE	SIGN SIZE	SIGN MESSAGE	SIGN SIZE W (IN.)	X	H (IN.)	634.0618 POSTS WOOD 4X6-INCH X 18-FT EA	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.1220 SIGNS TYPE I REFLECTIVE SH SF	637.2215 SIGNS TYPE II REFLECTIVE H FOLDING SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	638.2602 REMOVING SIGNS TYPE II EA	638.3000 REMOVING SMALL SIGN SUPPORTS EA	MOUNT ON SAME POST AS SIGN NO.	REMARKS
23-19	S16-7R	3	--	30	X	18	--	--	--	--	3.75	1	--	23-18	INSTALL ON TYPE I POLE
23-20	R10-25	2M	PUSH BUTTON TO TURN ON WARNING LIGHTS	9	X	12	--	0.75	--	--	--	--	--	23-1	INSTALL ON EXISTING TYPE I POLE
23-21	R10-25	2M	PUSH BUTTON TO TURN ON WARNING LIGHTS	9	X	12	--	0.75	--	--	--	--	--	23-3	INSTALL ON EXISTING TYPE I POLE
23-22	R10-25	2M	PUSH BUTTON TO TURN ON WARNING LIGHTS	9	X	12	--	0.75	--	--	--	--	--	23-5	INSTALL ON EXISTING TYPE I POLE
23-23	R10-25	2M	PUSH BUTTON TO TURN ON WARNING LIGHTS	9	X	12	--	0.75	--	--	--	--	--	23-7	INSTALL ON EXISTING TYPE I POLE
23-24	R10-25	2M	PUSH BUTTON TO TURN ON WARNING LIGHTS	9	X	12	--	0.75	--	--	--	--	--	23-11	INSTALL ON EXISTING TYPE I POLE
23-25	R10-25	2M	PUSH BUTTON TO TURN ON WARNING LIGHTS	9	X	12	--	0.75	--	--	--	--	--	23-16	INSTALL ON EXISTING TYPE I POLE
23-26	R10-25	2M	PUSH BUTTON TO TURN ON WARNING LIGHTS	9	X	12	--	0.75	--	--	--	--	--	23-18	INSTALL ON EXISTING TYPE I POLE
23-27	R2-1	3	SPEED LIMIT 45	36	X	48	1	12.00	--	--	--	1	1	--	--
23-28	R2-1	3	SPEED LIMIT 45	36	X	48	1	12.00	--	--	--	1	1	--	--
23-29	R4-7	3	--	36	X	48	--	12.00	--	--	--	1	--	--	MOUNT ON LIGHT POLE
23-30	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
23-31	R6-2L	3	ONE WAY	36	X	48	1	12.00	--	--	--	1	1	--	--
23-32	S4-51	3	SCHOOL SPEED LIMIT 35 WHEN CHILDREN ARE PRESENT	36	X	72	1	14.88	--	--	3.13	1	1	--	--
23-33	S4-51	3	SCHOOL SPEED LIMIT 35 WHEN CHILDREN ARE PRESENT	36	X	72	1	14.88	--	--	3.13	1	1	--	--
23-34	R7-1D	3	NO PARKING ANY TIME	24	X	30	--	5.00	--	--	--	1	--	23-35	--
23-35	R2-1	3	SPEED LIMIT 45	36	X	48	1	12.00	--	--	--	1	1	--	--
23-36	R2-1	3	SPEED LIMIT 45	36	X	48	1	12.00	--	--	--	1	1	--	--
24-1	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
24-2	W11-2	3	--	36	X	36	1	--	--	--	9.00	1	1	--	--
24-3	R3-17AP	2M	AHEAD	30	X	24	--	5.00	--	--	--	1	--	24-2	--
24-4	R6-2R	3	ONE WAY	36	X	48	1	12.00	--	--	--	1	1	--	--
24-5	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
24-6	R3-52	2M	CURB LANE BICYCLES AND RIGHT TURNS ONLY	30	X	36	1	7.50	--	--	--	1	1	--	--
24-7	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
24-8	R3-20L	3	BEGIN LEFT TURN LANE	36	X	54	1	13.50	--	--	--	1	1	--	--
24-9	D1-65	3	FOREST HILL AVE NEXT SIGNAL	108	X	30	2	22.50	--	--	--	1	2	--	--
24-10	D1-65	3	FOREST HILL AVE NEXT SIGNAL	108	X	30	2	22.50	--	--	--	1	2	--	--
24-11	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
24-12	W3-3	3	--	36	X	36	1	--	--	--	9.00	1	1	--	--
24-13	W3-3	3	--	36	X	36	1	--	--	--	9.00	1	1	--	--
25-1	R2-1	3	SPEED LIMIT 45	36	X	48	1	12.00	--	--	--	1	1	--	--
25-2	R2-1	3	SPEED LIMIT 45	36	X	48	1	12.00	--	--	--	1	1	--	--
25-3	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
25-4	W4-2R	3	--	36	X	36	1	--	--	--	9.00	1	1	--	--
25-5	R10-50L	2M	LEFT TURN YIELD ON FLASHING YELLOW ARROW	30	X	54	--	--	--	--	--	1	--	--	REMOVE SIGN ONLY
25-6	J4-1		--	36	X	36	1	9.00	--	--	--	1	1	--	--
--	M3-3	3	SOUTH	36	X	18	--	--	--	--	--	--	--	--	--
--	M1-56	3	38	36	X	36	--	--	--	--	--	--	--	--	--
25-7	R1-1F	2M	STOP	36	X	36	1	--	--	7.46	--	1	1	--	--
25-8	R4-7	3	--	36	X	48	--	12.00	--	--	--	1	--	25-7	--
25-9	R6-2L	3	ONE WAY	36	X	48	--	12.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
25-10	W9-1R	3	RIGHT LAND ENDS	36	X	36	--	--	--	--	9.00	1	--	--	MOUNT ON SIGNAL POLE
25-11	J2-2		--	72	X	84	1	42.00	--	--	--	1	1	--	--
--	M3-1	3	NORTH	36	X	18	--	--	--	--	--	--	--	--	--

PERMANENT SIGNING

SIGN NO.	SIGN CODE	SIGN SIZE	SIGN MESSAGE	SIGN SIZE W (IN.)	X	H (IN.)	634.0618 POSTS WOOD 4X6-INCH X 18-FT EA	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.1220 SIGNS TYPE I REFLECTIVE SH SF	637.2215 SIGNS TYPE II REFLECTIVE H FOLDING SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	638.2602 REMOVING SIGNS TYPE II EA	638.3000 REMOVING SMALL SIGN SUPPORTS EA	MOUNT ON SAME POST AS SIGN NO.	REMARKS
--	M1-6	3	38	36	X	36	--	--	--	--	--	--	--	--	--
--	M6-1	3	--	30	X	30	--	--	--	--	--	--	--	--	--
--	M3-3	3	SOUTH	36	X	18	--	--	--	--	--	--	--	--	--
--	M1-6	3	38	36	X	36	--	--	--	--	--	--	--	--	--
--	M6-1	3	--	30	X	30	--	--	--	--	--	--	--	--	--
25-12	R1-1F	2M	STOP	36	X	36	--	--	--	7.46	--	1	--	--	MOUNT ON SIGNAL POLE
25-13	R6-3	2M	DIVIDED HIGHWAY	30	X	24	--	5.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
25-14	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
25-15	R10-50L	2M	LEFT TURN YIELD ON FLASHING YELLOW ARROW	30	X	36	--	--	--	--	--	1	--	--	REMOVE SIGN ONLY
25-16	R1-1F	2M	STOP	36	X	36	--	--	--	7.46	--	1	--	--	MOUNT ON SIGNAL POLE
25-17	R1-1F	2M	STOP	36	X	36	--	--	--	7.46	--	1	--	--	MOUNT ON SIGNAL POLE
25-18	R5-1	3	DO NOT ENTER	36	X	36	--	9.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
25-19	J4-1		--	36	X	54	1	13.50	--	--	--	1	1	--	--
--	M3-1	3	NORTH	36	X	18	--	--	--	--	--	--	--	--	--
--	M1-6	3	38	36	X	36	--	--	--	--	--	--	--	--	--
25-20	R1-1F	2M	STOP	36	X	36	--	--	--	7.46	--	1	--	--	MOUNT ON SIGNAL POLE
25-21	R4-7	3	--	36	X	48	--	12.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
25-22	R6-2L	3	ONE WAY	36	X	48	--	12.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
25-23	R1-1F	2M	STOP	36	X	36	--	--	--	7.46	--	1	--	--	MOUNT ON SIGNAL POLE
25-24	R6-3	2M	DIVIDED HIGHWAY	30	X	24	--	5.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
25-25	J2-2		--	72	X	84	1	42.00	--	--	--	1	1	--	--
--	M3-3	3	SOUTH	36	X	18	--	--	--	--	--	--	--	--	--
--	M1-6	3	38	36	X	36	--	--	--	--	--	--	--	--	--
--	M6-1	3	--	30	X	30	--	--	--	--	--	--	--	--	--
--	M3-1	3	NORTH	36	X	18	--	--	--	--	--	--	--	--	--
--	M1-6	3	38	36	X	36	--	--	--	--	--	--	--	--	--
--	M6-1	3	--	30	X	30	--	--	--	--	--	--	--	--	--
25-26	R10-50L	2M	LEFT TURN YIELD ON FLASHING YELLOW ARROW	30	X	36	--	--	--	--	--	1	--	--	REMOVE SIGN ONLY
25-27	R5-1	3	DO NOT ENTER	36	X	36	1	9.00	--	--	--	1	1	--	--
25-28	R5-1	3	DO NOT ENTER	36	X	36	1	9.00	--	--	--	1	1	--	--
25-29	R1-1F	2M	STOP	36	X	36	--	--	--	7.46	--	1	--	--	MOUNT ON SIGNAL POLE
25-30	R1-1F	2M	STOP	36	X	36	--	--	--	7.46	--	1	--	--	MOUNT ON SIGNAL POLE
25-31	R5-1	3	DO NOT ENTER	36	X	36	--	9.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
25-32	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
25-33	R5-1A	3	WRONG WAY	42	X	30	1	8.75	--	--	--	1	1	--	--
25-34	R6-2R	3	ONE WAY	36	X	48	1	12.00	--	--	--	1	1	--	--
25-35	R3-20LL	3	BEGIN LEFT TURN LANE	36	X	54	1	13.50	--	--	--	1	1	--	--
25-36	M1-94H	3	FOREST HILL AVE	108	X	18	--	13.50	--	--	--	1	--	--	MOUNT ON SIGNAL ARM
25-37	M1-94H	3	S HOWELL AVE	102	X	18	--	12.75	--	--	--	1	--	--	MOUNT ON SIGNAL ARM
25-38	M1-94H	3	FOREST HILL AVE	108	X	18	--	13.50	--	--	--	1	--	--	MOUNT ON SIGNAL ARM
25-39	M1-94H	3	S HOWELL AVE	102	X	18	--	12.75	--	--	--	1	--	--	MOUNT ON SIGNAL ARM
25-40	R10-50L	2M	LEFT TURN YIELD ON FLASHING YELLOW ARROW	30	X	36	--	--	--	--	--	1	--	--	REMOVE SIGN ONLY
26-1	R3-53R	3	RIGHT TURN ONLY	24	X	30	1	5.00	--	--	--	1	1	--	--
26-2	R1-1	3	STOP	36	X	36	1	7.46	--	--	--	1	1	--	--
26-3	R5-1	3	DO NOT ENTER	36	X	36	1	9.00	--	--	--	1	1	--	--

PERMANENT SIGNING

SIGN NO.	SIGN CODE	SIGN SIZE	SIGN MESSAGE	SIGN SIZE W (IN.)	X	H (IN.)	634.0618 POSTS WOOD 4X6-INCH X 18-FT EA	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.1220 SIGNS TYPE I REFLECTIVE SH SF	637.2215 SIGNS TYPE II REFLECTIVE H FOLDING SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	638.2602 REMOVING SIGNS TYPE II EA	638.3000 REMOVING SMALL SIGN SUPPORTS EA	MOUNT ON SAME POST AS SIGN NO.	REMARKS
26-4	D1-65	3	FOREST HILL AVE NEXT SIGNAL	108	X	30	2	22.50	--	--	--	1	2	--	--
26-5	R4-7	3	--	36	X	48	1	12.00	--	--	--	1	1	--	--
26-6	R1-1	3	STOP	36	X	36	1	7.46	--	--	--	1	1	--	--
26-7	R3-53R	3	RIGHT TURN ONLY	24	X	30	1	5.00	--	--	--	1	1	--	--
26-8	R3-20LL	3	BEGIN LEFT TURN LANE	36	X	54	1	13.50	--	--	--	1	1	--	--
26-9	R5-1A	3	WRONG WAY	42	X	30	1	8.75	--	--	--	1	1	--	--
26-10	S4-51	3	SCHOOL SPEED LIMIT 35 WHEN CHILDREN ARE PRESENT	36	X	72	1	14.88	--	--	3.13	1	1	--	--
26-11	S4-51	3	SCHOOL SPEED LIMIT 35 WHEN CHILDREN ARE PRESENT	36	X	72	1	14.88	--	--	3.13	1	1	--	--
26-12	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
26-13	R3-20L	4	BEGIN LEFT TURN LANE	36	X	54	1	13.50	--	--	--	1	1	--	--
26-14	R4-7	3	--	36	X	48	--	12.00	--	--	--	1	--	--	MOUNT ON LIGHT POLE
26-15	R5-1	3	DO NOT ENTER	36	X	36	1	9.00	--	--	--	1	1	--	--
26-16	R3-2	3	--	36	X	36	--	9.00	--	--	--	1	--	26-15	--
26-17	W12-1D	2M	--	24	X	24	1	--	--	--	4.00	1	1	--	2' MOUNTING HEIGHT
26-18	D1-65	3	FOREST HILL AVE NEXT SIGNAL	108	X	30	2	22.50	--	--	--	1	2	--	--
26-19	R3-20L	3	BEGIN LEFT TURN LANE	36	X	54	1	13.50	--	--	--	1	1	--	--
26-20	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
26-21	W12-1D	2M	--	24	X	24	1	--	--	--	4.00	1	1	--	2' MOUNTING HEIGHT
26-22	R5-1	3	DO NOT ENTER	36	X	36	1	9.00	--	--	--	1	1	--	--
26-23	R3-2	3	--	36	X	36	--	9.00	--	--	--	1	--	26-22	--
26-24	R3-20L	3	BEGIN LEFT TURN LANE	36	X	54	1	13.50	--	--	--	1	1	--	--
26-25	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
26-26	R2-1	3	SPEED LIMIT 45	36	X	48	1	12.00	--	--	--	1	1	--	--
26-27	R2-1	3	SPEED LIMIT 45	36	X	48	1	12.00	--	--	--	1	1	--	--
27-3	S1-1	3	--	36	X	36	1	--	--	--	9.00	1	1	--	--
27-4	R3-17AP	2M	AHEAD	30	X	24	--	5.00	--	--	--	1	--	27-3	--
27-5	R2-6P	3	FINES HIGHER	36	X	24	--	6.00	--	--	--	1	--	27-3	--
27-6	S1-1	3	--	36	X	36	1	--	--	--	9.00	1	1	--	--
27-7	R3-17AP	2M	AHEAD	30	X	24	--	5.00	--	--	--	1	--	27-6	--
27-8	R2-6P	3	FINES HIGHER	36	X	24	--	6.00	--	--	--	1	--	27-6	--
27-9	R3-20L	3	BEGIN LEFT TURN LANE	36	X	54	1	13.50	--	--	--	1	1	--	--
27-10	W3-3	3	--	36	X	36	1	--	--	--	9.00	1	1	--	--
27-11	W3-3	3	--	36	X	36	1	--	--	--	9.00	1	1	--	--
27-12	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
27-13	R3-53R	3	RIGHT TURN ONLY	24	X	30	1	5.00	--	--	--	1	1	--	--
27-14	R1-1	3	STOP	36	X	36	1	7.46	--	--	--	1	1	--	--
27-15	R6-2R	3	ONE WAY	36	X	48	1	12.00	--	--	--	1	1	--	--
27-16	R5-1	3	DO NOT ENTER	36	X	36	1	9.00	--	--	--	1	1	--	--
27-17	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
27-18	R5-1A	3	WRONG WAY	42	X	30	1	8.75	--	--	--	1	1	--	--
27-19	R3-52	2M	CURB LANE BICYCLES AND RIGHT TURNS ONLY	30	X	36	1	7.50	--	--	--	1	1	--	--
27-20	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
27-21	D1-65	3	W TOWN SQUARE WAY	108	X	36	2	27.00	--	--	--	1	2	--	--
27-22	D1-65	3	SUSAN DRIVE NEXT SIGNAL	108	X	30	--	22.50	--	--	--	1	--	27-21	--
27-23	R2-1	3	SPEED LIMIT 45	36	X	48	1	12.00	--	--	--	1	1	--	--

PERMANENT SIGNING

SIGN NO.	SIGN CODE	SIGN SIZE	SIGN MESSAGE	SIGN SIZE W (IN.)	X	H (IN.)	634.0618 POSTS WOOD 4X6-INCH X 18-FT EA	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.1220 SIGNS TYPE I REFLECTIVE SH SF	637.2215 SIGNS TYPE II REFLECTIVE H FOLDING SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	638.2602 REMOVING SIGNS TYPE II EA	638.3000 REMOVING SMALL SIGN SUPPORTS EA	MOUNT ON SAME POST AS SIGN NO.	REMARKS
27-24	R2-1	3	SPEED LIMIT 45	36	X	48	1	12.00	--	--	--	1	1	--	--
27-25	W3-3	3	--	36	X	36	1	--	--	--	9.00	1	1	--	--
27-26	W3-3	3	--	36	X	36	1	--	--	--	9.00	1	1	--	--
27-27			W TOWN SQUARE WAY	60	X	30	2	12.50	--	--	--	1	2	--	--
27-28	D1-65	3	SUSAN DRIVE NEXT SIGNAL	60	X	30	--	12.50	--	--	--	1	--	27-27	--
28-1	R4-7	3	--	36	X	48	1	12.00	--	--	--	1	1	--	--
28-2	R5-1	3	DO NOT ENTER	36	X	36	1	9.00	--	--	--	1	1	--	--
28-3	R5-1	3	DO NOT ENTER	36	X	36	1	9.00	--	--	--	1	1	--	--
28-4	R6-2L	3	ONE WAY	36	X	48	1	12.00	--	--	--	1	1	--	--
28-5	R2-1	3	SPEED LIMIT 45	36	X	48	1	12.00	--	--	--	1	1	--	--
28-6	R2-1	3	SPEED LIMIT 45	36	X	48	1	12.00	--	--	--	1	1	--	--
28-7	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
28-8	R6-2L	3	ONE WAY	36	X	48	--	12.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
28-9	R5-1	3	DO NOT ENTER	36	X	36	--	9.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
28-10	R1-1F	2M	STOP	36	X	36	--	--	--	7.46	--	1	--	--	MOUNT ON SIGNAL POLE
28-11	R6-3	2M	DIVIDED HIGHWAY	30	X	24	--	5.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
28-12	R1-1F	2M	STOP	36	X	36	--	--	--	7.46	--	1	--	--	MOUNT ON SIGNAL POLE
28-13	R4-7	3	--	36	X	48	--	12.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
28-14	R1-1F	2M	STOP	36	X	36	--	--	--	7.46	--	1	--	--	MOUNT ON SIGNAL POLE
28-15	R10-50L	2M	LEFT TURN YIELD ON FLASHING YELLOW ARROW	30	X	36	--	--	--	--	--	1	--	--	REMOVE SIGN ONLY
28-16	R5-1	3	DO NOT ENTER	36	X	36	1	9.00	--	--	--	1	1	--	--
28-17	R1-1F	2M	STOP	36	X	36	--	--	--	7.46	--	1	--	--	MOUNT ON SIGNAL POLE
28-18	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
28-19	R5-1A	3	WRONG WAY	42	X	30	1	8.75	--	--	--	1	1	--	--
28-20	R3-20LL		BEGIN LEFT TURN LANE	36	X	54	1	13.50	--	--	--	1	1	--	--
28-21	D1-65	3	DREXEL AVE 7900 SOUTH NEXT SIGNAL	84	X	36	2	21.00	--	--	--	1	2	--	--
28-22	J2-1		--	36	X	84	1	21.00	--	--	--	1	1	--	--
--	MB4-5	3	TO	36	X	18	--	4.50	--	--	--	--	--	--	--
--	M1-1	3	INTERSTATE 94	36	X	36	--	9.00	--	--	--	--	--	--	--
--	MB5-1L	3	--	30	X	30	--	6.25	--	--	--	--	--	--	--
28-23	J2-1		--	36	X	84	--	21.00	--	--	--	1	--	--	MOUNT ON LIGHT POLE
--	MB4-5	3	TO	36	X	18	--	--	--	--	--	--	--	--	--
--	M1-1	3	INTERSTATE 94	36	X	36	--	--	--	--	--	--	--	--	--
--	MB5-1L	3	--	30	X	30	--	--	--	--	--	--	--	--	--
28-24	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
28-25	W3-3	3	--	36	X	36	1	--	--	--	9.00	1	1	--	--
28-26	W3-3	3	--	36	X	36	--	--	--	--	9.00	1	--	--	MOUNT ON LIGHT POLE
28-27	R1-1F	2M	STOP	36	X	36	--	--	--	7.46	--	1	--	--	MOUNT ON SIGNAL POLE
28-28	R6-3	2M	DIVIDED HIGHWAY	30	X	24	--	5.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
28-29	R1-1F	2M	STOP	36	X	36	--	--	--	7.46	--	1	--	--	MOUNT ON SIGNAL POLE
28-30	M1-94H	3	W TOWN SQUARE WAY / SUSAN DR	102	X	30	--	21.25	--	--	--	1	--	--	MOUNT ON SIGNAL ARM
28-31	R4-7	3	--	36	X	48	--	12.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
28-32	M1-94H	3	SUSAN DR / W TOWN SQUARE WAY	102	X	30	--	21.25	--	--	--	1	--	--	MOUNT ON SIGNAL ARM
28-33	R1-1F	2M	STOP	36	X	36	--	--	--	7.46	--	1	--	--	MOUNT ON SIGNAL POLE
29-1	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--

PERMANENT SIGNING

SIGN NO.	SIGN CODE	SIGN SIZE	SIGN MESSAGE	SIGN SIZE W (IN.)	X	H (IN.)	634.0618 POSTS WOOD 4X6-INCH X 18-FT EA	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.1220 SIGNS TYPE I REFLECTIVE SH SF	637.2215 SIGNS TYPE II REFLECTIVE H FOLDING SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	638.2602 REMOVING SIGNS TYPE II EA	638.3000 REMOVING SMALL SIGN SUPPORTS EA	MOUNT ON SAME POST AS SIGN NO.	REMARKS
29-2	D1-65	3	W TOWN SQUARE WAY	108	X	36	2	27.00	--	--	--	2	1	--	--
29-3	D1-65	3	SUSAN DRIVE NEXT SIGNAL	108	X	30	--	22.50	--	--	--	1	--	29-2	--
29-4	M1-94H	3	SUSAN DR / W TOWN SQUARE WAY	102	X	30	2	21.25	--	--	--	2	1	--	--
29-5	R3-20L	3	BEGIN LEFT TURN LANE	36	X	54	1	13.50	--	--	--	1	1	--	--
29-6	W3-3	3	--	36	X	36	1	--	--	--	9.00	1	1	--	--
29-7	W3-3	3	--	36	X	36	1	--	--	--	9.00	1	1	--	--
29-8	R3-52	2M	CURB LANE BICYCLES AND RIGHT TURNS ONLY	30	X	36	1	7.50	--	--	--	1	1	--	--
29-9	R2-1	3	SPEED LIMIT 45	36	X	48	1	12.00	--	--	--	1	1	--	--
29-10	J22-1		--	36	X	84	1	21.00	--	--	--	1	1	--	MOUNT ON STRUCTURE POLE
--	MB4-5	3	TO	36	X	18	--	--	--	--	--	--	--	--	--
--	M1-1	3	INTERSTATE 94	36	X	36	--	--	--	--	--	--	--	--	--
--	MB6-1	3	--	30	X	30	--	--	--	--	--	--	--	--	--
29-11	R2-1	3	SPEED LIMIT 45	36	X	48	--	12.00	--	--	--	1	--	--	MOUNT ON STRUCTURE POLE
29-12	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
29-13	R3-5L	2M	ONLY	42	X	48	--	14.00	--	--	--	1	--	--	MOUNT ON STRUCTURE ARM
29-14	R3-5L	2M	ONLY	42	X	48	--	14.00	--	--	--	1	--	--	MOUNT ON STRUCTURE ARM
29-15	R5-1A	3	WRONG WAY	42	X	30	1	8.75	--	--	--	1	1	--	--
29-16	R3-20R	3	BEGIN RIGHT TURN LANE	36	X	54	1	13.50	--	--	--	1	1	--	--
29-17	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
29-19	R3-20L	4	BEGIN LEFT TURN LANE	36	X	54	1	13.50	--	--	--	1	1	--	--
29-20	D1-65	3	DREXEL AVE 7900 SOUTH NEXT SIGNAL	84	X	36	2	21.00	--	--	--	1	2	--	--
29-21	J4-1		--	36	X	36	1	9.00	--	--	--	1	1	--	--
--	M3-3	3	SOUTH	36	X	18	--	--	--	--	--	--	--	--	--
--	M1-56	3	38	36	X	36	--	--	--	--	--	--	--	--	--
30-1	R1-1	3	STOP	36	X	36	1	7.46	--	--	--	1	1	--	--
30-2	J3-1		--	36	X	84	1	21.00	--	--	--	--	--	--	--
--	M3-1	3	NORTH	36	X	18	--	--	--	--	--	--	--	--	--
--	M1-6	3	38	36	X	36	--	--	--	--	--	--	--	--	--
--	M6-1	3	--	30	X	30	--	--	--	--	--	--	--	--	--
30-3	R1-1F	2M	STOP	36	X	36	--	--	--	7.46	--	1	--	--	MOUNT ON SIGNAL POLE
30-4	R6-3	2M	DIVIDED HIGHWAY	30	X	24	--	5.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
30-5	R6-2L	3	ONE WAY	36	X	48	--	12.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
30-6	R5-1	3	DO NOT ENTER	36	X	36	--	9.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
30-7	R1-1F	2M	STOP	36	X	36	--	--	--	7.46	--	1	--	--	MOUNT ON SIGNAL POLE
30-8	R6-3	2M	DIVIDED HIGHWAY	30	X	24	--	5.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
30-9	R1-1F	2M	STOP	36	X	36	--	--	--	7.46	--	1	--	--	MOUNT ON SIGNAL POLE
30-10	R6-3	2M	DIVIDED HIGHWAY	30	X	24	--	5.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
30-11	R6-2L	3	ONE WAY	36	X	48	--	12.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
30-12	R5-1	3	DO NOT ENTER	36	X	36	--	9.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
30-13	W12-1D	2M	--	24	X	24	1	--	--	--	4.00	1	1	--	2' MOUNTING HEIGHT
30-14	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
30-15	J3-1		--	36	X	84	1	21.00	--	--	--	1	1	--	--
--	MB4-5	3	TO	36	X	18	--	--	--	--	--	--	--	--	--
--	M1-1	3	INTERSTATE 94	36	X	36	--	--	--	--	--	--	--	--	--
--	MB6-1	3	--	30	X	30	--	--	--	--	--	--	--	--	--

PERMANENT SIGNING

SIGN NO.	SIGN CODE	SIGN SIZE	SIGN MESSAGE	SIGN SIZE W (IN.)	X	H (IN.)	634.0618 POSTS WOOD 4X6-INCH X 18-FT EA	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.1220 SIGNS TYPE I REFLECTIVE SH SF	637.2215 SIGNS TYPE II REFLECTIVE H FOLDING SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	638.2602 REMOVING SIGNS TYPE II EA	638.3000 REMOVING SMALL SIGN SUPPORTS EA	MOUNT ON SAME POST AS SIGN NO.	REMARKS
30-16	R5-1A	3	WRONG WAY	42	X	30	1	8.75	--	--	--	1	1	--	--
30-17	R3-5L	2M	ONLY	42	X	48	--	14.00	--	--	--	1	--	--	MOUNT ON STRUCTURE ARM
30-18	R3-5L	2M	ONLY	42	X	48	--	14.00	--	--	--	1	--	--	MOUNT ON STRUCTURE ARM
30-19	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
30-20	R5-1	3	DO NOT ENTER	36	X	36	1	9.00	--	--	--	1	1	--	--
30-21	J4-1		--	36	X	54	1	13.50	--	--	--	1	1	--	--
--	M3-1	3	NORTH	36	X	18	--	4.50	--	--	--	--	--	--	--
--	M1-6	3	38	36	X	36	--	9.00	--	--	--	--	--	--	--
30-22	R1-1F	2M	STOP	36	X	36	--	--	--	7.46	--	1	--	--	MOUNT ON SIGNAL POLE
30-23	R6-3	2M	DIVIDED HIGHWAY	30	X	24	--	5.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
30-24	R6-2L	3	ONE WAY	36	X	48	--	12.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
30-25	R5-1	3	DO NOT ENTER	36	X	36	--	9.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
30-26	R1-1F	2M	STOP	36	X	36	--	--	--	7.46	--	1	--	--	MOUNT ON SIGNAL POLE
30-27	R6-3	2M	DIVIDED HIGHWAY	30	X	24	--	5.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
30-28	J3-1		--	36	X	84	1	21.00	--	--	--	1	1	--	--
--	M3-3	3	SOUTH	36	X	18	--	--	--	--	--	--	--	--	--
--	M1-6	3	38	36	X	36	--	--	--	--	--	--	--	--	--
--	M6-1	3	--	30	X	30	--	--	--	--	--	--	--	--	--
30-29	R1-1F	2M	STOP	36	X	36	--	--	--	7.46	--	1	--	--	MOUNT ON SIGNAL POLE
30-30	R6-3	2M	DIVIDED HIGHWAY	30	X	24	--	5.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
30-31	M1-94H	3	DREXEL AVE	78	X	18	--	9.75	--	--	--	1	--	--	MOUNT ON SIGNAL ARM
30-32	R6-2L	3	ONE WAY	36	X	48	--	12.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
30-33	R5-1	3	DO NOT ENTER	36	X	36	--	9.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
30-34	R1-1F	2M	STOP	36	X	36	--	--	--	7.46	--	1	--	--	MOUNT ON SIGNAL POLE
30-35	R6-3	2M	DIVIDED HIGHWAY	30	X	24	--	5.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
30-36	R4-7	3	--	36	X	48	--	12.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
30-37	R4-7	3	--	36	X	48	--	12.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
30-38	R4-7	3	--	36	X	48	--	12.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
30-39	R4-7	3	--	36	X	48	--	12.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
30-40	R1-1F	2M	STOP	36	X	36	--	--	--	7.46	--	1	--	--	MOUNT ON SIGNAL POLE
30-41	M1-94H	3	S HOWELL AVE	102	X	18	--	12.75	--	--	--	1	--	--	MOUNT ON SIGNAL ARM
30-42	M1-94H	3	DREXEL AVE	78	X	18	--	9.75	--	--	--	1	--	--	MOUNT ON SIGNAL ARM
30-43	M1-94H	3	S HOWELL AVE	102	X	18	--	12.75	--	--	--	1	--	--	MOUNT ON SIGNAL ARM
30-44	I55-56	2	ADPOT A HIGHWAY	30	X	18	1	3.75	--	--	--	1	1	--	--
31-1	R3-53R	3	RIGHT TURN ONLY	24	X	30	1	5.00	--	--	--	1	1	--	--
31-2	R6-2R	3	ONE WAY	36	X	48	1	12.00	--	--	--	1	1	--	--
31-3	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
31-4	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
31-5	R3-20LL	3	BEGIN LEFT TURN LANE	36	X	54	1	13.50	--	--	--	1	1	--	--
31-6	R3-20R	3	BEGIN LEFT TURN LANE	36	X	54	1	13.50	--	--	--	1	1	--	--
31-7	J22-1		--	36	X	84	1	21.00	--	--	--	1	1	--	--
--	MB4-5	3	TO	36	X	18	--	--	--	--	--	--	--	--	--
--	M1-1	3	INTERSTATE 94	36	X	36	--	--	--	--	--	--	--	--	--
--	MB5-1R	3	--	30	X	30	--	--	--	--	--	--	--	--	--
31-8	R2-1	3	SPEED LIMIT 45	36	X	48	1	12.00	--	--	--	1	1	--	--

PERMANENT SIGNING

SIGN NO.	SIGN CODE	SIGN SIZE	SIGN MESSAGE	SIGN SIZE W (IN.)	X	H (IN.)	634.0618 POSTS WOOD 4X6-INCH X 18-FT EA	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.1220 SIGNS TYPE I REFLECTIVE SH SF	637.2215 SIGNS TYPE II REFLECTIVE H FOLDING SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	638.2602 REMOVING SIGNS TYPE II EA	638.3000 REMOVING SMALL SIGN SUPPORTS EA	MOUNT ON SAME POST AS SIGN NO.	REMARKS
31-9	R2-1	3	SPEED LIMIT 45	36	X	48	1	12.00	--	--	--	1	1	--	--
31-10	D1-65	3	DREXEL AVE NEXT SIGNAL	84	X	30	2	17.50	--	--	--	1	2	--	--
31-11	D1-65	3	DREXEL AVE NEXT SIGNAL	84	X	30	2	17.50	--	--	--	1	2	--	--
31-12	W3-3	3	--	36	X	36	1	--	--	--	9.00	1	1	--	--
31-13	W3-3	3	--	36	X	36	1	--	--	--	9.00	1	1	--	--
31-14	R3-52	2M	CURB LANE BICYCLES AND RIGHT TURNS ONLY	30	X	36	1	7.50	--	--	--	1	1	--	--
31-15	R5-1	3	DO NOT ENTER	36	X	36	1	9.00	--	--	--	1	1	--	--
31-16	R4-7	3	--	36	X	48	1	12.00	--	--	--	1	1	--	--
31-17	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
31-18	R3-20L	3	BEGIN LEFT TURN LANE	36	X	54	1	13.50	--	--	--	1	1	--	--
32-1	R6-2L	3	ONE WAY	36	X	48	1	12.00	--	--	--	1	1	--	--
32-2	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
32-3	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
32-4	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
32-5	W11-2	3	--	36	X	36	1	--	--	--	9.00	1	1	--	--
32-6	W16-9P	3	AHEAD	30	X	18	--	--	--	--	3.75	1	--	32-5	--
32-7	W11-2	3	--	36	X	36	1	--	--	--	9.00	1	1	--	--
32-8	W16-9P	3	AHEAD	30	X	18	--	--	--	--	3.75	1	--	32-7	--
32-9	R4-7	3	--	36		48	1	12.00	--	--	--	1	1	--	--
33-1	W11-2	3	--	36	X	36	1	--	--	--	9.00	1	1	--	--
33-2	W16-7R	3	--	30	X	18	--	--	--	--	3.75	1	--	33-1	--
33-3	R1-1	3	--	36	X	36	1	7.46	--	--	--	1	1	--	--
33-4	R6-3	2M	DIVIDED HIGHWAY	30	X	24	--	5.00	--	--	--	1	--	33-3	--
33-5	W11-2	3	--	36	X	36	1	--	--	--	9.00	1	1	--	--
33-6	W16-7R	3	--	30	X	18	--	--	--	--	3.75	1	--	33-5	--
33-7	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
33-8	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
33-9	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
33-10	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
33-11	R5-1	3	DO NOT ENTER	36	X	36	1	9.00	--	--	--	1	1	--	--
33-12	R4-7	3	--	36	X	48	1	12.00	--	--	--	1	1	--	--
33-13	W16-7L	3	--	30	X	18	--	--	--	--	3.75	1	--	33-16	--
33-14	R6-2L	3	ONE WAY	36	X	48	1	12.00	--	--	--	1	1	--	--
33-15	R4-7	3	--	36	X	48	1	12.00	--	--	--	1	1	--	--
33-16	W11-2	3	--	36	X	36	1	--	--	--	9.00	1	1	--	--
33-17	W11-2	3	--	36	X	36	1	--	--	--	9.00	1	1	--	--
33-18	W16-7L	3	--	30	X	18	--	--	--	--	3.75	1	--	33-5	--
34-1	R2-1	3	SPEED LIMIT 45	36	X	48	1	12.00	--	--	--	1	1	--	--
34-2	R2-1	3	SPEED LIMIT 45	36	X	48	1	12.00	--	--	--	1	1	--	--
34-3	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
34-4	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
34-5	R6-2R	3	ONE WAY	36	X	48	1	12.00	--	--	--	1	1	--	--
34-6	R3-20L	3	BEGIN LEFT TURN LANE	36	X	54	1	13.50	--	--	--	1	1	--	--
34-7	W11-2	3	--	36	X	36	1	--	--	--	9.00	1	1	--	--
34-8	W16-9P	3	AHEAD	30	X	18	--	--	--	--	3.75	1	--	34-7	--

PERMANENT SIGNING

SIGN NO.	SIGN CODE	SIGN SIZE	SIGN MESSAGE	SIGN SIZE W (IN.)	X	H (IN.)	634.0618 POSTS WOOD 4X6-INCH X 18-FT EA	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.1220 SIGNS TYPE I REFLECTIVE SH SF	637.2215 SIGNS TYPE II REFLECTIVE H FOLDING SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	638.2602 REMOVING SIGNS TYPE II EA	638.3000 REMOVING SMALL SIGN SUPPORTS EA	MOUNT ON SAME POST AS SIGN NO.	REMARKS
34-9	W11-2	3	--	36	X	36	1	--	--	--	9.00	1	1	--	--
34-10	W16-9P	3	AHEAD	30	X	18	--	--	--	--	3.75	1	--	34-9	--
34-11	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
34-12	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
34-13	R3-52	2M	CURB LANE BICYCLES AND RIGHT TURNS ONLY	30	X	36	1	7.50	--	--	--	1	1	--	--
34-14	W11-2	3	--	36	X	36	1	--	--	--	9.00	1	1	--	--
34-15	W16-9P	3	AHEAD	30	X	18	--	--	--	--	3.75	1	--	34-14	--
34-16	W11-2	3	--	36	X	36	1	--	--	--	9.00	1	1	--	--
34-17	W16-9P	3	AHEAD	30	X	18	--	--	--	--	3.75	1	--	34-16	--
35-1	R4-7	3	--	36	X	48	1	12.00	--	--	--	1	1	--	--
35-2	W11-2	3	--	36	X	36	1	--	--	--	9.00	1	1	--	--
35-3	W16-7L	3	--	30	X	18	--	--	--	--	3.75	1	--	35-2	--
35-4	R5-1	3	DO NOT ENTER	36	X	36	1	9.00	--	--	--	1	1	--	--
35-9	W11-2	3	--	36	X	36	1	--	--	--	9.00	--	--	--	--
35-10	W16-7R	3	--	30	X	18	--	--	--	--	3.75	--	--	35-9	--
35-11	W11-2	3	--	36	X	36	1	--	--	--	9.00	--	--	--	--
35-12	W16-7R	3	--	30	X	18	--	--	--	--	3.75	--	--	35-11	--
35-13	W11-2	3	--	36	X	36	1	--	--	--	9.00	--	--	--	--
35-14	W16-7L	3	--	30	X	18	--	--	--	--	3.75	--	--	35-13	--
35-19	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
35-20	R1-1	3	STOP	36	X	36	1	7.46	--	--	--	1	1	--	--
35-21	R6-3	2M	DIVIDED HIGHWAY	30	X	24	--	5.00	--	--	--	1	--	35-20	--
35-22	R6-2L	3	ONE WAY	36	X	48	1	12.00	--	--	--	1	1	--	--
35-23	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
35-24	R5-1	3	DO NOT ENTER	36	X	36	1	9.00	--	--	--	1	1	--	--
35-25	R4-7	3	--	36	X	48	1	12.00	--	--	--	1	1	--	--
35-26	R3-52	2M	CURB LANE BICYCLES AND RIGHT TURNS ONLY	30	X	36	1	7.50	--	--	--	1	1	--	--
35-27	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
35-28	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
35-29	R2-1	3	SPEED LIMIT 45	36	X	48	1	12.00	--	--	--	1	1	--	--
35-30	R2-1	3	SPEED LIMIT 45	36	X	48	1	12.00	--	--	--	1	1	--	--
36-2	R4-7	3	--	36	X	48	1	12.00	--	--	--	1	1	--	--
36-3	R6-2L	3	ONE WAY	36	X	48	1	12.00	--	--	--	1	1	--	--
36-4	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
36-5	R1-1	3	STOP	36	X	36	1	7.46	--	--	--	1	1	--	--
36-6	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
36-7	W11-2	3	--	36	X	36	1	--	--	--	9.00	1	1	--	--
36-8	W16-9P	3	AHEAD	30	X	18	--	--	--	--	3.75	1	--	36-7	--
36-9	W11-2	3	--	36	X	36	1	--	--	--	9.00	1	1	--	--
36-10	W16-9P	3	AHEAD	30	X	18	--	--	--	--	3.75	1	--	36-9	--
36-11	R2-1	3	SPEED LIMIT 45	36	X	48	1	12.00	--	--	--	1	1	--	--
36-12	R2-1	3	SPEED LIMIT 45	36	X	48	1	12.00	--	--	--	1	1	--	--
36-13	S3-1	3	--	48	X	48	1	--	--	--	16.00	1	1	--	--
36-14	S3-1	3	--	48	X	48	1	--	--	--	16.00	1	1	--	--
36-15	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--

PERMANENT SIGNING

SIGN NO.	SIGN CODE	SIGN SIZE	SIGN MESSAGE	SIGN SIZE W (IN.)	X	H (IN.)	634.0618 POSTS WOOD 4X6-INCH X 18-FT EA	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.1220 SIGNS TYPE I REFLECTIVE SH SF	637.2215 SIGNS TYPE II REFLECTIVE H FOLDING SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	638.2602 REMOVING SIGNS TYPE II EA	638.3000 REMOVING SMALL SIGN SUPPORTS EA	MOUNT ON SAME POST AS SIGN NO.	REMARKS
36-16	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
36-17	R4-7	3	--	36	X	48	1	12.00	--	--	--	1	1	--	--
36-18	R6-3	2M	DIVIDED HIGHWAY	30	X	24	--	5.00	--	--	--	1	--	36-5	--
37-1	D1-65	3	RAWSON AVE NEXT SIGNAL	90	X	30	2	18.75	--	--	--	1	2	--	--
37-2	D1-65	3	RAWSON AVE NEXT SIGNAL	90	X	30	2	18.75	--	--	--	1	2	--	--
37-3	R4-7	3	--	36	X	48	1	12.00	--	--	--	1	1	--	--
37-4	R4-7	3	--	36	X	48	1	12.00	--	--	--	1	1	--	--
37-5	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
37-6	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
37-7	J1-1		--	36	X	57	1	14.25	--	--	--	1	1	--	--
--	M2-1	3	JCT	30	X	21	--	--	--	--	--	--	--	--	--
--	M1-5A	3	COUNTY BB	36	X	36	--	--	--	--	--	--	--	--	--
37-8	J1-1		--	36	X	54	1	13.50	--	--	--	1	1	--	--
--	M2-1	3	JCT	36	X	18	--	--	--	--	--	--	--	--	--
--	M1-5A	3	COUNTY BB	36	X	36	--	--	--	--	--	--	--	--	--
37-9	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
37-10	W3-3	3	--	36	X	36	1	--	--	--	9.00	1	1	--	--
37-11	W3-3	3	--	36	X	36	1	--	--	--	9.00	1	1	--	--
37-12	R3-20L	3	BEGIN LEFT TURN LANE	36	X	54	1	13.50	--	--	--	1	1	--	--
38-1	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
38-2	J2-3		--	108	X	84	2	63.00	--	--	--	1	2	--	--
--	MB4-5	3	TO	36	X	18	--	--	--	--	--	--	--	--	--
--	M1-1	3	INTERSTATE 94	36	X	36	--	--	--	--	--	--	--	--	--
--	MB5-1L	3	--	30	X	30	--	--	--	--	--	--	--	--	--
--	M3-4	3	WEST	36	X	18	--	--	--	--	--	--	--	--	--
--	M1-5A	3	COUNTY BB	36	X	36	--	--	--	--	--	--	--	--	--
--	M5-1L	3	--	30	X	30	--	--	--	--	--	--	--	--	--
--	M3-2	3	EAST	36	X	18	--	--	--	--	--	--	--	--	--
--	M1-5A	3	COUNTY BB	36	X	36	--	--	--	--	--	--	--	--	--
--	M5-1R	3	--	30	X	30	--	--	--	--	--	--	--	--	--
38-3	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
38-4	R4-7	3	--	36	X	48	1	12.00	--	--	--	1	1	--	--
38-5	R4-7	3	--	36	X	48	1	12.00	--	--	--	1	1	--	--
38-6	R3-20L	3	BEGIN LEFT TURN LANE	36	X	54	1	13.50	--	--	--	1	1	--	--
38-7	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
38-8	J3-1		--	36	X	84	1	21.00	--	--	--	1	1	--	--
--	M3-2	3	EAST	36	X	18	--	--	--	--	--	--	--	--	--
--	M1-5A	3	COUNTY BB	36	X	36	--	--	--	--	--	--	--	--	--
--	M6-1	3	--	30	X	30	--	--	--	--	--	--	--	--	--
38-9	R3-52	2M	CURB LANE BICYCLES AND RIGHT TURNS ONLY	30	X	36	1	7.50	--	--	--	1	1	--	--
38-10	R3-20R	3	BEGIN LEFT TURN LANE	36	X	54	1	13.50	--	--	--	1	1	--	--
38-11	J23-1		--	36	X	84	1	21.00	--	--	--	1	1	--	--
--	MB4-5	3	TO	36	X	18	--	--	--	--	--	--	--	--	--
--	M1-1	3	INTERSTATE 94	36	X	36	--	--	--	--	--	--	--	--	--
--	MB6-1	3	--	30	X	30	--	--	--	--	--	--	--	--	--

PERMANENT SIGNING

SIGN NO.	SIGN CODE	SIGN SIZE	SIGN MESSAGE	SIGN SIZE W (IN.)	X	H (IN.)	634.0618 POSTS WOOD 4X6-INCH X 18-FT EA	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.1220 SIGNS TYPE I REFLECTIVE SH SF	637.2215 SIGNS TYPE II REFLECTIVE H FOLDING SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	638.2602 REMOVING SIGNS TYPE II EA	638.3000 REMOVING SMALL SIGN SUPPORTS EA	MOUNT ON SAME POST AS SIGN NO.	REMARKS
38-12	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
38-13	R2-1	3	SPEED LIMIT 45	36	X	48	1	12.00	--	--	--	1	1	--	--
38-14	R2-1	3	SPEED LIMIT 45	36	X	48	1	12.00	--	--	--	1	1	--	--
38-15	J3-1		--	36	X	84	1	21.00	--	--	--	1	1	--	--
--	M3-2	3	EAST	36	X	18	--	--	--	--	--	--	--	--	--
--	M1-5A	3	COUNTY BB	36	X	36	--	--	--	--	--	--	--	--	--
--	M6-1	3	--	30	X	30	--	--	--	--	--	--	--	--	--
38-16	I55-56	2	ADOPT A HIGHWAY	30	X	18	--	--	--	--	--	1	1	--	REMOVE ONLY
38-17	R5-1A	3	WRONG WAY	42	X	30	1	8.75	--	--	--	1	--	38-16	--
38-18	R3-20LL	3	BEGIN LEFT TURN LANE	36	X	54	1	13.50	--	--	--	1	1	--	--
39-1	R3-5L	2M	ONLY	42	X	48	--	14.00	--	--	--	1	--	--	MOUNT ON STRUCTURE ARM
39-2	R3-5L	2M	ONLY	42	X	48	--	14.00	--	--	--	1	--	--	MOUNT ON STRUCTURE ARM
39-3	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
39-4	W12-1D	3	--	30	X	30	1	--	--	--	--	1	1	--	2' MOUNTING HEIGHT
39-5	R1-1F	2M	STOP	36	X	36	--	--	--	7.46	--	1	--	--	MOUNT ON SIGNAL POLE
39-6	R6-3	2M	DIVIDED HIGHWAY	30	X	24	--	5.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
39-7	R1-1F	2M	STOP	36	X	36	1	--	--	7.46	--	1	--	--	--
39-8	R6-3	2M	DIVIDED HIGHWAY	30	X	24	--	5.00	--	--	--	1	--	39-7	--
39-9	R1-1F	2M	STOP	36	X	36	--	--	--	7.46	--	1	--	--	MOUNT ON SIGNAL POLE
39-10	R6-3	2M	DIVIDED HIGHWAY	30	X	24	--	5.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
39-11	R1-2	3	YIELD	48	X	42	--	7.46	--	--	--	1	--	--	MOUNT ON LIGHT POLE
39-12	R6-2L	3	ONE WAY	36	X	48	--	12.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
39-13	J1-1		--	36	X	54	1	13.50	--	--	--	1	1	--	--
--	M3-2	3	EAST	36	X	18	--	--	--	--	--	--	--	--	--
--	M1-5A	3	COUNTY BB	36	X	36	--	--	--	--	--	--	--	--	--
39-14	M1-94S	3	S HOWELL AVE	102	X	18	--	12.75	--	--	--	1	--	--	MOUNT ON SIGNAL ARM
39-15	R5-1	3	DO NOT ENTER	36	X	36	--	9.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
39-16	R5-1	3	DO NOT ENTER	36	X	36	--	9.00	--	--	--	1	--	39-7	--
39-17	R3-4	3	--	36	X	36	--	9.00	--	--	--	1	--	39-7	--
39-18	R4-7	3	--	36	X	48	--	12.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
39-19	R1-1F	2M	STOP	36	X	36	--	--	--	7.46	--	1	--	--	MOUNT ON SIGNAL POLE
39-20	R6-3	2M	DIVIDED HIGHWAY	30	X	24	--	5.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
39-21	R1-1F	2M	STOP	36	X	36	--	--	--	7.46	--	1	--	--	MOUNT ON SIGNAL POLE
39-22	R4-7	3	--	36	X	48	--	12.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
39-23	W12-1D	3	--	30	X	30	1	--	--	--	--	1	1	--	2' MOUNTING HEIGHT
39-24	R1-2	3	YIELD	48	X	42	1	7.46	--	--	--	1	1	--	--
39-25	R6-2L	3	ONE WAY	36	X	48	--	12.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
39-26	M1-94H	3	RAWSON AVE	84	X	18	--	10.50	--	--	--	1	--	--	MOUNT ON SIGNAL ARM
39-27	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
39-28	J1-1		--	36	X	54	1	13.50	--	--	--	1	1	--	--
--	M3-1	3	NORTH	36	X	18	--	--	--	--	--	--	--	--	--
--	M1-6	3	38	36	X	36	--	--	--	--	--	--	--	--	--
39-29	R3-5L	2M	ONLY	42	X	48	--	14.00	--	--	--	1	--	--	MOUNT ON STRUCTURE ARM
39-30	R3-5L	2M	ONLY	42	X	48	--	14.00	--	--	--	1	--	--	MOUNT ON STRUCTURE ARM
39-31	R3-20LL	3	BEGIN LEFT TURN LANE	36	X	54	1	13.50	--	--	--	1	1	--	--

PERMANENT SIGNING

SIGN NO.	SIGN CODE	SIGN SIZE	SIGN MESSAGE	SIGN SIZE W (IN.)	X	H (IN.)	634.0618 POSTS WOOD 4X6-INCH X 18-FT EA	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.1220 SIGNS TYPE I REFLECTIVE SH SF	637.2215 SIGNS TYPE II REFLECTIVE H FOLDING SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	638.2602 REMOVING SIGNS TYPE II EA	638.3000 REMOVING SMALL SIGN SUPPORTS EA	MOUNT ON SAME POST AS SIGN NO.	REMARKS
39-32	R1-1F	3	STOP	36	X	36	--	--	--	7.46	--	1	--	--	MOUNT ON SIGNAL POLE
39-33	R6-3	2M	DIVIDED HIGHWAY	30	X	24	--	5.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
39-34	W12-1D	3	--	30	X	30	1	--	--	--	--	1	1	--	2' MOUNTING HEIGHT
39-35	R1-1F	2M	STOP	36	X	36	--	--	--	7.46	--	1	--	--	MOUNT ON SIGNAL POLE
39-36	R6-2L	3	ONE WAY	36	X	48	--	12.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
39-37	J1-1		--	36	X	54	1	13.50	--	--	--	1	1	--	--
--	M3-4	3	WEST	36	X	18	--	--	--	--	--	--	--	--	--
--	M1-5A	3	COUNTY BB	36	X	36	--	--	--	--	--	--	--	--	--
39-38	J3-1		--	36	X	84	1	21.00	--	--	--	1	1	--	--
--	M3-3	3	SOUTH	36	X	18	--	--	--	--	--	--	--	--	--
--	M1-6	3	38	36	X	36	--	--	--	--	--	--	--	--	--
--	M6-1	3	--	30	X	30	--	--	--	--	--	--	--	--	--
39-39	M1-94S	3	S HOWELL AVE	102	X	18	--	12.75	--	--	--	1	--	--	MOUNT ON SIGNAL ARM
39-40	R5-1	3	DO NOT ENTER	36	X	36	1	9.00	--	--	--	1	1	--	--
39-41	R5-1	3	DO NOT ENTER	36	X	36	--	9.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
39-42	R5-1	3	DO NOT ENTER	36	X	36	--	9.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
39-43	R4-7	3	--	36	X	48	--	12.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
39-44	R1-1F	2M	STOP	36	X	36	--	--	--	7.46	--	1	--	--	MOUNT ON SIGNAL POLE
39-45	R6-3	2M	DIVIDED HIGHWAY	30	X	24	--	5.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
39-46	M1-94H	3	RAWSON AVE	84	X	18	--	10.50	--	--	--	1	--	--	MOUNT ON SIGNAL ARM
39-47	R4-7	3	--	36	X	48	--	12.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
39-48	W12-1D	3	--	30	X	30	1	--	--	--	--	1	1	--	2' MOUNTING HEIGHT
39-49	R1-1F	2M	STOP	36	X	36	--	--	--	7.46	--	1	--	--	MOUNT ON SIGNAL POLE
39-50	R6-3	2M	DIVIDED HIGHWAY	30	X	24	--	5.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
39-51	R6-2L	3	ONE WAY	36	X	48	--	12.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
39-52	R1-1F	2M	STOP	36	X	36	--	--	--	7.46	--	1	--	--	MOUNT ON SIGNAL POLE
39-53	J1-1		--	36	X	54	1	13.50	--	--	--	1	1	--	--
--	M3-3	3	SOUTH	36	X	18	--	--	--	--	--	--	--	--	--
--	M1-6	3	38	36	X	36	--	--	--	--	--	--	--	--	--
39-54	I55-56	2	ADOPT A HIGHWAY	30	X	18	1	3.75	--	--	--	--	--	--	--
40-1	R2-1	3	SPEED LIMIT 45	36	X	48	1	12.00	--	--	--	1	1	--	--
40-2	R2-1	3	SPEED LIMIT 45	36	X	48	1	12.00	--	--	--	1	1	--	--
40-3	R5-1A	3	WRONG WAY	42	X	30	1	8.75	--	--	--	1	1	--	--
40-4	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
40-5	J3-1		--	36	X	84	1	--	--	--	--	1	1	--	--
--	M3-2	3	EAST	36	X	18	--	--	--	--	--	--	--	--	--
--	M1-5A	3	COUNTY BB	36	X	36	--	--	--	--	--	--	--	--	--
--	M6-1	3	--	30	X	30	--	--	--	--	--	--	--	--	--
40-6	J2-2		--	36	X	84	2	21.00	--	--	--	1	2	--	--
--	MB4-5	3	TO	36	X	18	--	--	--	--	--	--	--	--	--
--	M1-1	3	INTERSTATE 94	36	X	36	--	--	--	--	--	--	--	--	--
--	MB6-1	3	--	30	X	30	--	--	--	--	--	--	--	--	--
--	M3-4	3	WEST	36	X	18	--	--	--	--	--	--	--	--	--
--	M1-5A		COUNTY BB	36	X	36	--	--	--	--	--	--	--	--	--
--	M6-1	3	--	30	X	30	--	--	--	--	--	--	--	--	--

PERMANENT SIGNING

SIGN NO.	SIGN CODE	SIGN SIZE	SIGN MESSAGE	SIGN SIZE W (IN.)	X	H (IN.)	634.0618 POSTS WOOD 4X6-INCH X 18-FT EA	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.1220 SIGNS TYPE I REFLECTIVE SH SF	637.2215 SIGNS TYPE II REFLECTIVE H FOLDING SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	638.2602 REMOVING SIGNS TYPE II EA	638.3000 REMOVING SMALL SIGN SUPPORTS EA	MOUNT ON SAME POST AS SIGN NO.	REMARKS
40-7	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
40-8	R3-20L	3	BEGIN LEFT TURN LANE	36	X	54	1	13.50	--	--	--	1	1	--	--
40-9	R4-7	3	--	36	X	48	1	12.00	--	--	--	1	1	--	--
40-10	R6-2L	3	ONE WAY	36	X	48	1	12.00	--	--	--	1	1	--	--
40-11	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
40-12	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
40-13	R4-7	3	--	36	X	48	1	12.00	--	--	--	1	1	--	--
40-14	J3-3		--	108	X	84	2	63.00	--	--	--	1	2	--	--
--	M3-2	3	EAST	36	X	18	--	--	--	--	--	--	--	--	--
--	M1-5A	3	COUNTY BB	36	X	36	--	--	--	--	--	--	--	--	--
--	M5-1L	3	--	30	X	30	--	--	--	--	--	--	--	--	--
--	M3-4	3	WEST	36	X	18	--	--	--	--	--	--	--	--	--
--	M1-5A	3	COUNTY BB	36	X	36	--	--	--	--	--	--	--	--	--
--	M5-1R	3	--	30	X	30	--	--	--	--	--	--	--	--	--
--	MB4-5	3	TO	36	X	18	--	--	--	--	--	--	--	--	--
--	M1-1	3	INTERSTATE 94	36	X	36	--	--	--	--	--	--	--	--	--
--	MB5-1R	3	--	30	X	30	--	--	--	--	--	--	--	--	--
40-15	R3-52	2M	CURB LANE BICYCLES AND RIGHT TURNS ONLY	30	X	36	1	7.50	--	--	--	1	1	--	--
41-1	D1-65	3	RAWSON AVE NEXT SIGNAL	90	X	30	2	18.75	--	--	--	1	2	--	--
41-2	D1-65	3	RAWSON AVE NEXT SIGNAL	90	X	30	2	18.75	--	--	--	1	2	--	--
41-3	W3-3	3	--	36	X	36	1	--	--	--	9.00	1	1	--	--
41-4	W3-3	3	--	36	X	36	1	--	--	--	9.00	1	1	--	--
41-5	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
41-6	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
41-7	J1-1		--	36	X	57	1	14.25	--	--	--	1	1	--	--
--	M2-1	3	JCT	30	X	21	--	--	--	--	--	--	--	--	--
--	M1-5A	3	COUNTY BB	36	X	36	--	--	--	--	--	--	--	--	--
41-8	J1-1		--	36	X	57	1	14.25	--	--	--	1	1	--	--
--	M2-1	3	JCT	30	X	21	--	--	--	--	--	--	--	--	--
--	M1-5A	3	COUNTY BB	36	X	36	--	--	--	--	--	--	--	--	--
41-9	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
41-10	R5-1A	3	WRONG WAY	42	X	30	1	8.75	--	--	--	1	1	--	--
41-11	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
42-1	R3-52	2M	CURB LANE BICYCLES AND RIGHT TURNS ONLY	30	X	36	1	7.50	--	--	--	1	1	--	--
42-2	R4-7	3	--	36	X	48	1	12.00	--	--	--	1	1	--	--
42-3	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
42-4	R6-2L	3	ONE WAY	36	X	48	1	12.00	--	--	--	1	1	--	--
42-5	R5-1	3	DO NOT ENTER	36	X	36	1	9.00	--	--	--	1	1	--	--
42-6	R4-7	3	--	36	X	48	1	12.00	--	--	--	1	1	--	--
42-7	R2-1	3	SPEED LIMIT 45	36	X	48	1	12.00	--	--	--	1	1	--	--
42-8	R2-1	3	SPEED LIMIT 45	36	X	48	1	12.00	--	--	--	1	1	--	--
42-9	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
42-10	W11-2	3	--	36	X	36	1	--	--	--	9.00	1	1	--	--
42-11	W16-9P	3	AHEAD	30	X	18	--	--	--	--	3.75	1	--	42-10	--
42-12	W11-2	3	--	36	X	36	1	--	--	--	9.00	1	1	--	--

PERMANENT SIGNING

SIGN NO.	SIGN CODE	SIGN SIZE	SIGN MESSAGE	SIGN SIZE W (IN.)	X	H (IN.)	634.0618 POSTS WOOD 4X6-INCH X 18-FT EA	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.1220 SIGNS TYPE I REFLECTIVE SH SF	637.2215 SIGNS TYPE II REFLECTIVE H FOLDING SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	638.2602 REMOVING SIGNS TYPE II EA	638.3000 REMOVING SMALL SIGN SUPPORTS EA	MOUNT ON SAME POST AS SIGN NO.	REMARKS
42-13	W16-9P	3	AHEAD	30	X	18	--	--	--	--	3.75	1	--	42-12	--
42-14	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
43-1	W11-2	3	--	36	X	36	1	--	--	--	9.00	1	1	--	--
43-2	W16-7L	3	--	30	X	18	--	--	--	--	3.75	1	--	43-1	--
43-3	W11-2	3	--	36	X	36	1	--	--	--	9.00	1	1	--	--
43-4	W16-7R	3	--	30	X	18	--	--	--	--	3.75	1	--	43-3	--
43-7	W11-2	3	--	36	X	36	1	--	--	--	9.00	1	1	--	--
43-8	W16-7R	3	--	30	X	18	--	--	--	--	3.75	1	--	43-7	--
43-9	W11-2	3	--	36	X	36	1	--	--	--	9.00	1	1	--	--
43-10	W16-7L	3	--	30	X	18	--	--	--	--	3.75	1	--	43-1	--
43-11	R2-1	3	SPEED LIMIT 45	36	X	48	1	12.00	--	--	--	1	1	--	--
43-12	R2-1	3	SPEED LIMIT 45	36	X	48	1	12.00	--	--	--	1	1	--	--
43-13	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
43-14	R5-1	3	DO NOT ENTER	36	X	36	1	9.00	--	--	--	1	1	--	--
43-15	R4-7	3	--	36	X	48	1	12.00	--	--	--	1	1	--	--
43-16	R6-2L	3	ONE WAY	36	X	48	1	12.00	--	--	--	1	1	--	--
43-17	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
43-18	R4-7	3	--	36	X	48	1	12.00	--	--	--	1	1	--	--
43-19	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
44-1	R4-7	3	--	36	X	48	1	12.00	--	--	--	1	1	--	--
44-2	R5-1	3	DO NOT ENTER	36	X	36	1	9.00	--	--	--	1	1	--	--
44-3	R6-2L	3	ONE WAY	36	X	48	1	12.00	--	--	--	1	1	--	--
44-4	R4-7	3	--	36	X	48	1	12.00	--	--	--	1	1	--	--
44-5	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
44-6	W14-1	3	DEAD END	36	X	36	1	--	--	--	9.00	1	1	--	--
44-7	R1-1	3	STOP	36	X	36	1	7.46	--	--	--	1	1	--	--
44-8	R6-3	2M	DIVIDED HIGHWAY	30	X	24	--	5.00	--	--	--	1	--	44-7	--
44-9	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
44-10	R2-1	3	SPEED LIMIT 45	36	X	48	1	12.00	--	--	--	1	1	--	--
44-11	R2-1	3	SPEED LIMIT 45	36	X	48	1	12.00	--	--	--	1	1	--	--
44-12	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
44-13	R2-1	3	SPEED LIMIT 45	36	X	48	1	12.00	--	--	--	1	1	--	--
44-14	R2-1	3	SPEED LIMIT 45	36	X	48	1	12.00	--	--	--	1	1	--	--
44-15	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
44-16	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
45-1	R5-1	3	DO NOT ENTER	36	X	36	1	9.00	--	--	--	1	1	--	--
45-2	W11-2	3	--	36	X	36	1	--	--	--	9.00	1	1	--	--
45-3	W16-7R	3	--	30	X	18	--	--	--	--	3.75	1	--	45-2	--
45-4	R4-7	3	--	36	X	48	1	12.00	--	--	--	1	1	--	--
45-5	R5-1	3	DO NOT ENTER	36	X	36	1	9.00	--	--	--	1	1	--	--
45-6	W14-1	3	DEAD END	36	X	36	1	--	--	--	9.00	1	1	--	--
45-7	R1-1	3	STOP	36	X	36	1	7.46	--	--	--	1	1	--	--
45-8	R6-3	2M	DIVIDED HIGHWAY	30	X	24	--	5.00	--	--	--	1	--	45-7	--
45-9	R6-2L	3	ONE WAY	36	X	48	1	12.00	--	--	--	1	1	--	--
45-10	W11-2	3	--	36	X	36	1	--	--	--	9.00	1	1	--	--

PERMANENT SIGNING

SIGN NO.	SIGN CODE	SIGN SIZE	SIGN MESSAGE	SIGN SIZE W (IN.)	X	H (IN.)	634.0618 POSTS WOOD 4X6-INCH X 18-FT EA	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.1220 SIGNS TYPE I REFLECTIVE SH SF	637.2215 SIGNS TYPE II REFLECTIVE H FOLDING SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	638.2602 REMOVING SIGNS TYPE II EA	638.3000 REMOVING SMALL SIGN SUPPORTS EA	MOUNT ON SAME POST AS SIGN NO.	REMARKS
45-11	W16-7L	3	--	30	X	18	--	--	--	--	3.75	1	--	45-10	--
45-12	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
45-13	W11-2	3	--	36	X	36	1	--	--	--	9.00	1	1	--	--
45-14	W16-7R	3	--	30	X	18	--	--	--	--	3.75	1	--	45-13	--
45-15	R3-52	2M	CURB LANE BICYCLES AND RIGHT TURNS ONLY	30	X	36	1	7.50	--	--	--	1	1	--	--
45-16	R1-1F	2M	STOP	36	X	36	1	--	--	7.46	--	1	1	--	--
45-17	R6-3	2M	DIVIDED HIGHWAY	30	X	24	--	5.00	--	--	--	1	--	45-16	--
45-18	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
45-19	R1-1	3	STOP	36	X	36	1	7.46	--	--	--	1	1	--	--
45-20	W11-2	3	--	36	X	36	1	--	--	--	9.00	1	1	--	--
45-21	W16-7L	3	--	30	X	18	--	--	--	--	3.75	1	--	45-20	--
46-1	R3-52	2M	CURB LANE BICYCLES AND RIGHT TURNS ONLY	30	X	36	1	7.50	--	--	--	1	1	--	--
46-2	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
46-3	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
46-4	W11-2	3	--	36	X	36	1	--	--	--	9.00	1	1	--	--
46-5	W16-9P	3	AHEAD	30	X	18	--	--	--	--	3.75	1	--	46-4	--
46-6	W11-2	3	--	36	X	36	1	--	--	--	9.00	1	1	--	--
46-7	W16-9P	3	AHEAD	30	X	18	--	--	--	--	3.75	1	--	46-6	--
46-8	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
46-9	R2-1	2M	SPEED LIMIT 35	24	X	30	1	5.00	--	--	--	1	1	--	--
46-10	R2-1	2M	SPEED LIMIT 35	24	X	30	1	5.00	--	--	--	1	1	--	--
46-11	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
46-12	J1-1		--	36	X	57	1	14.25	--	--	--	1	1	--	--
--	M2-1	3	JCT	30	X	21	--	--	--	--	--	--	--	--	--
--	M1-5A	3	COUNTY ZZ	36	X	36	--	--	--	--	--	--	--	--	--
47-1	D1-65	3	COLLEGE AVE 6300 SOUTH NEXT SIGNAL	66	X	30	2	13.75	--	--	--	1	2	--	--
47-2	R6-2R	2M	ONE WAY	24	X	30	1	5.00	--	--	--	1	1	--	--
47-3	W3-3	2M	--	36	X	36	1	--	--	--	9.00	1	1	--	--
47-4	W3-3	2M	--	36	X	36	1	--	--	--	9.00	1	1	--	--
47-5	R7-1D	2M	NO PARKING ANY TIME	18	X	24	1	3.00	--	--	--	1	1	--	--
47-6	J3-3		--	72	X	57	2	28.50	--	--	--	1	2	--	--
--	MB4-5	2M	TO	24	X	12	--	--	--	--	--	--	--	--	--
--	M1-1	2M	INTERSTATE 94	24	X	24	--	--	--	--	--	--	--	--	--
--	MB5-1L	2M	--	21	X	21	--	--	--	--	--	--	--	--	--
--	M3-4	2M	WEST	24	X	12	--	--	--	--	--	--	--	--	--
--	M1-5A	2M	COUNTY ZZ	24	X	24	--	--	--	--	--	--	--	--	--
--	M5-1L	2M	--	21	X	21	--	--	--	--	--	--	--	--	--
--	M3-2	2M	EAST	24	X	12	--	--	--	--	--	--	--	--	--
--	M1-5A	2M	COUNTY ZZ	24	X	24	--	--	--	--	--	--	--	--	--
--	M5-1R	2M	--	21	X	21	--	--	--	--	--	--	--	--	--
47-7	R7-1D	3	NO PARKING ANY TIME	24	X	30	1	5.00	--	--	--	1	1	--	--
47-8	R9-3	2M	NO PEDESTRIAN CROSSING	12	X	18	1	1.50	--	--	--	1	1	--	--
47-9	R9-3BR	2M	USE CROSSWALK	18	X	12	--	1.50	--	--	--	1	--	47-8	--
47-10	R4-7	3	--	36	X	48	1	12.00	--	--	--	1	1	--	--
47-11	R9-3	2M	NO PEDESTRIAN CROSSING	12	X	18	1	1.50	--	--	--	1	1	--	--

PERMANENT SIGNING

SIGN NO.	SIGN CODE	SIGN SIZE	SIGN MESSAGE	SIGN SIZE W (IN.)	X	H (IN.)	634.0618 POSTS WOOD 4X6-INCH X 18-FT EA	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.1220 SIGNS TYPE I REFLECTIVE SH SF	637.2215 SIGNS TYPE II REFLECTIVE H FOLDING SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	638.2602 REMOVING SIGNS TYPE II EA	638.3000 REMOVING SMALL SIGN SUPPORTS EA	MOUNT ON SAME POST AS SIGN NO.	REMARKS
47-12	R9-3BR	2M	USE CROSSWALK	18	X	12	--	1.50	--	--	--	1	--	47-11	--
47-13	R4-7	2M	--	24	X	30	1	5.00	--	--	--	1	1	--	--
47-14	R3-20L	2M	BEGIN LEFT TURN LANE	24	X	36	1	6.00	--	--	--	1	1	--	--
47-15	R2-1	3	SPEED LIMIT 45	36	X	48	1	12.00	--	--	--	1	1	--	--
47-16	R2-1	3	SPEED LIMIT 45	36	X	48	1	12.00	--	--	--	1	1	--	--
47-17	R7-1D		NO PARKING ANY TIME	18	X	24	1	3.00	--	--	--	1	1	--	--
47-18	J2-2	2M	--	48	X	57	1	19.00	--	--	--	1	1	--	--
--	MB4-5	2M	TO	24	X	12	--	--	--	--	--	--	--	--	--
--	M1-1	2M	INTERSTATE 94	24	X	24	--	--	--	--	--	--	--	--	--
--	MB6-1	2M	--	21	X	21	--	--	--	--	--	--	--	--	--
--	M3-4	2M	WEST	24	X	12	--	--	--	--	--	--	--	--	--
--	M1-5A	2M	COUNTY ZZ	24	X	24	--	--	--	--	--	--	--	--	--
--	M6-1	2M	--	21	X	21	--	--	--	--	--	--	--	--	--
47-19	R3-52	2M	CURB LANE BICYCLES AND RIGHT TURNS ONLY	30	X	36	1	7.50	--	--	--	1	1	--	--
47-20	R7-1D	2M	NO PARKING ANY TIME	18	X	24	1	3.00	--	--	--	1	1	--	--
48-1	J3--1		--	24	X	57	--	9.50	--	--	--	1	--	--	MOUNT ON LIGHT POLE
--	M3-2	2M	EAST	24	X	12	--	--	--	--	--	--	--	--	--
--	M1-5A	2M	COUNTY ZZ	24	X	24	--	--	--	--	--	--	--	--	--
--	M6-1	2M	--	21	X	21	--	--	--	--	--	--	--	--	--
48-2	R6-2R	2M	ONE WAY	24	X	30	1	5.00	--	--	--	1	1	--	--
48-3	R7-1D	2M	NO PARKING ANY TIME	18	X	24	1	3.00	--	--	--	1	1	--	--
48-4	R6-2R	2M	ONE WAY	24	X	30	1	5.00	--	--	--	1	1	--	--
48-5	J12-1		--	24	X	45	--	7.50	--	--	--	1	--	--	MOUNT ON LIGHT POLE
--	D9-2	2M	H	24	X	24	--	--	--	--	--	--	--	--	--
--	MB6-1	2M	--	21	X	21	--	--	--	--	--	--	--	--	--
48-6	R5-1A	2M	WRONG WAY	36	X	24	--	6.00	--	--	--	1	--	48-5	MOUNT ON LIGHT POLE
48-7	R1-1F	2M	STOP	36	X	36	--	--	--	7.46	--	1	--	--	MOUNT ON SIGNAL POLE
48-8	R6-3	2M	DIVIDED HIGHWAY	30	X	24	--	5.00	--	--	--	1	--	48-7	MOUNT ON SIGNAL POLE
48-9	R1-1F	2M	STOP	36	X	36	--	--	--	7.46	--	1	--	--	MOUNT ON SIGNAL POLE
48-10	R5-1	2M	DO NOT ENTER	30	X	30	--	6.25	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
48-11	R6-2L	2M	ONE WAY	24	X	30	--	5.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
48-12	J1-1		--	24	X	36	1	6.00	--	--	--	1	1	--	--
--	M3-2	2M	EAST	24	X	12	--	--	--	--	--	--	--	--	--
--	M1-5A	2M	COUNTY ZZ	24	X	24	--	--	--	--	--	--	--	--	--
48-13	R4-7	2M	--	24	X	30	--	5.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
48-14	M1-94H	3	COLLEGE AVE	84	X	18	--	10.50	--	--	--	1	--	--	MOUNT ON SIGNAL ARM
48-15	M1-94H	3	S HOWELL AVE	102	X	18	--	12.75	--	--	--	1	--	--	MOUNT ON SIGNAL ARM
48-16	R6-2L	2M	ONE WAY	24	X	30	--	5.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
48-17	R5-1	2M	DO NOT ENTER	30	X	30	--	6.25	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
48-18	R1-1F	2M	STOP	36	X	36	--	--	--	7.46	--	1	--	--	MOUNT ON SIGNAL POLE
48-19	J3-1		--	24	X	57	1	9.50	--	--	--	1	1	--	--
--	M3-3	2M	SOUTH	24	X	12	--	--	--	--	--	--	--	--	--
--	M1-6	2M	38	24	X	24	--	--	--	--	--	--	--	--	--
--	M6-1	2M	--	21	X	21	--	--	--	--	--	--	--	--	--
48-20	R1-1F	2M	STOP	36	X	36	--	--	--	7.46	--	1	--	--	MOUNT ON SIGNAL POLE

PERMANENT SIGNING

SIGN NO.	SIGN CODE	SIGN SIZE	SIGN MESSAGE	SIGN SIZE W (IN.)	X	H (IN.)	634.0618 POSTS WOOD 4X6-INCH X 18-FT EA	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.1220 SIGNS TYPE I REFLECTIVE SH SF	637.2215 SIGNS TYPE II REFLECTIVE H FOLDING SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	638.2602 REMOVING SIGNS TYPE II EA	638.3000 REMOVING SMALL SIGN SUPPORTS EA	MOUNT ON SAME POST AS SIGN NO.	REMARKS
48-21	R6-3	2M	DIVIDED HIGHWAY	30	X	24	--	5.00	--	--	--	1	--	48-20	MOUNT ON SIGNAL POLE
48-22	R10-50	2M	LEFT TURN YIELD ON FLASHING YELLOW ARROW	30	X	36	--	--	--	--	--	1	--	--	REMOVE SIGN ONLY
48-23	R10-50	2M	LEFT TURN YIELD ON FLASHING YELLOW ARROW	30	X	36	--	--	--	--	--	1	--	--	REMOVE SIGN ONLY
48-24	R4-7	2M	--	24	X	30	--	5.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
48-25	R4-7	2M	--	24	X	30	--	5.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
48-26	R10-50	2M	LEFT TURN YIELD ON FLASHING YELLOW ARROW	30	X	36	--	--	--	--	--	1	--	--	REMOVE SIGN ONLY
48-27	R10-50	2M	LEFT TURN YIELD ON FLASHING YELLOW ARROW	30	X	36	--	--	--	--	--	1	--	--	REMOVE SIGN ONLY
48-28	R1-1F	2M	STOP	36	X	36	--	--	--	7.46	--	1	--	--	MOUNT ON SIGNAL POLE
48-29	R6-3	2M	DIVIDED HIGHWAY	30	X	24	--	5.00	--	--	--	1	--	48-28	MOUNT ON SIGNAL POLE
48-30	J3-1		--	24	X	57	--	9.50	--	--	--	1	--	--	MOUNT ON LIGHT POLE
--	M3-3	2M	SOUTH	24	X	12	--	--	--	--	--	--	--	--	--
--	M1-6	2M	38	24	X	24	--	--	--	--	--	--	--	--	--
--	M6-1	2M	--	21	X	21	--	--	--	--	--	--	--	--	--
48-31	J3-1		--	24	X	57	1	9.50	--	--	--	1	1	--	--
--	M3-1	2M	NORTH	24	X	12	--	--	--	--	--	--	--	--	--
--	M1-6	2M	38	24	X	24	--	--	--	--	--	--	--	--	--
--	M6-1	2M	--	21	X	21	--	--	--	--	--	--	--	--	--
48-32	R1-1F	2M	STOP	36	X	36	--	--	--	7.46	--	1	--	--	MOUNT ON SIGNAL POLE
48-33	R5-1	2M	DO NOT ENTER	30	X	30	--	6.25	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
48-34	R6-2L	2M	ONE WAY	24	X	30	--	5.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
48-35	I2-3	3	MILWAUKEE POPULATION 577,222	72	X	24	2	12.00	--	--	--	1	2	--	--
48-36	M1-94H	3	COLLEGE AVE	84	X	18	--	10.50	--	--	--	1	--	--	MOUNT ON SIGNAL ARM
48-37	M1-94H	2M	S HOWELL AVE	102	X	18	--	12.75	--	--	--	1	--	--	MOUNT ON SIGNAL ARM
48-39	R6-2L	2M	ONE WAY	24	X	30	--	5.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
48-40	R1-1	3	STOP	36	X	36	--	7.46	--	--	--	1	--	--	MOUNT ON LIGHT POLE
48-41	R1-1F	2M	STOP	36	X	36	--	--	--	7.46	--	1	--	--	MOUNT ON SIGNAL POLE
48-42	W12-1D	2M	--	24	X	24	1	--	--	--	4.00	1	--	--	--
48-43	R4-7	2M	--	24	X	30	--	5.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
48-44	R1-1F	2M	STOP	36	X	36	--	--	--	7.46	--	1	--	--	MOUNT ON SIGNAL POLE
48-45	R6-3	2M	DIVIDED HIGHWAY	30	X	24	--	5.00	--	--	--	1	--	48-44	MOUNT ON SIGNAL POLE
49-1	R6-2R	2M	ONE WAY	24	X	30	1	5.00	--	--	--	1	1	--	--
49-2	R2-1	2M	SPEED LIMIT 35	24	X	30	1	5.00	--	--	--	1	1	--	--
49-3	R2-1	2M	SPEED LIMIT 35	24	X	30	--	5.00	--	--	--	1	--	--	MOUNT ON LIGHT POLE
49-4	J3-2		--	48	X	57	1	19.00	--	--	--	1	1	--	--
--	MB4-5	2M	TO	24	X	12	--	--	--	--	--	--	--	--	--
--	M1-1	2M	INTERSTATE 94	24	X	24	--	--	--	--	--	--	--	--	--
--	MB6-1	2M	--	21	X	21	--	--	--	--	--	--	--	--	--
--	M3-4	2M	WEST	24	X	12	--	--	--	--	--	--	--	--	--
--	M1-5A	2M	COUNTY ZZ	24	X	24	--	--	--	--	--	--	--	--	--
--	M6-1	2M	--	21	X	21	--	--	--	--	--	--	--	--	--
49-5	R10-16	2M	U-TURN YIELD TO RIGHT TURN	30	X	36	--	7.50	--	--	--	1	--	49-3	MOUNT ON LIGHT POLE
49-6	J12-1		--	24	X	45	1	7.50	--	--	--	1	1	--	--
--	D9-2	2M	H	24	X	24	--	--	--	--	--	--	--	--	--
--	MB6-1	2M	--	21	X	21	--	--	--	--	--	--	--	--	--
49-7	R5-1A	2M	WRONG WAY	36	X	24	1	6.00	--	--	--	1	1	--	--

3

PERMANENT SIGNING

SIGN NO.	SIGN CODE	SIGN SIZE	SIGN MESSAGE	SIGN SIZE W (IN.)	X	H (IN.)	634.0618 POSTS WOOD 4X6-INCH X 18-FT EA	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.1220 SIGNS TYPE I REFLECTIVE SH SF	637.2215 SIGNS TYPE II REFLECTIVE H FOLDING SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	638.2602 REMOVING SIGNS TYPE II EA	638.3000 REMOVING SMALL SIGN SUPPORTS EA	MOUNT ON SAME POST AS SIGN NO.	REMARKS
49-8	R3-7R	2M	RIGHT LANE MUST TURN RIGHT	30	X	30	--	6.25	--	--	--	1	--	49-7	--
49-9	J3-1		--	24	X	57	1	9.50	--	--	--	1	1	--	--
--	M3-2	2M	EAST	24	X	12	--	--	--	--	--	--	--	--	--
--	M1-5A	2M	COUNTY ZZ	24	X	24	--	--	--	--	--	--	--	--	--
--	M6-1	2M	--	21	X	21	--	--	--	--	--	--	--	--	--
49-10	R6-2R	2M	ONE WAY	24	X	30	1	5.00	--	--	--	1	1	--	--
49-12	R7-2D	2M	NO PARKING 6AM TO 9AM 3PM TO 6PM	18	X	24	--	3.00	--	--	--	1	--	49-11	--
49-13	W11-2	2M	--	30	X	30	1	--	--	--	6.25	1	1	--	--
49-14	W16-9P	2M	AHEAD	24	X	12	--	--	--	--	2.00	1	--	49-13	--
49-15	R7-1D	2M	NO PARKING ANY TIME	18	X	24	1	3.00	--	--	--	1	1	--	--
49-16	W11-2	2M	--	30	X	30	1	--	--	--	6.25	1	1	--	--
49-17	R7-2	2M	NO PARKING 6AM TO 9AM 3PM TO 6PM	18	X	24	1	3.00	--	--	--	1	1	--	--
49-18	J3-3		--	72	X	57	2	28.50	--	--	--	1	2	--	--
--	M3-2	2M	EAST	24	X	12	--	--	--	--	--	--	--	--	--
--	M1-5A	2M	COUNTY ZZ	24	X	24	--	--	--	--	--	--	--	--	--
--	M5-1L	2M	--	21	X	21	--	--	--	--	--	--	--	--	--
--	M3-4	2M	WEST	24	X	12	--	--	--	--	--	--	--	--	--
--	M1-5A	2M	COUNTY ZZ	24	X	24	--	--	--	--	--	--	--	--	--
--	M5-1R	2M	--	21	X	21	--	--	--	--	--	--	--	--	--
--	MB4-5	2M	TO	24	X	12	--	--	--	--	--	--	--	--	--
--	B1-1	2M	INTERSTATE 94	24	X	24	--	--	--	--	--	--	--	--	--
--	MB5-1R	2M	--	21	X	21	--	--	--	--	--	--	--	--	--
49-19	R7-1D	2M	NO PARKING ANY TIME	18	X	24	1	3.00	--	--	--	1	1	--	--
49-20	D15-1	--	--	84	X	84	--	--	49.00	--	--	--	--	--	MOUNT ON S-40-3124
49-21	D1-65	3	COLLEGE AVE 6300 SOUTH NEXT SIGNAL	66	X	30	2	13.75	--	--	--	1	2	--	--
49-22	W16-9P	2M	AHEAD	24	X	12	--	--	--	--	2.00	1	--	49-16	--
50-1	W11-2	2M	--	30	X	30	1	--	--	--	6.25	1	1	--	--
50-2	W16-7R	2M	--	24	X	12	--	--	--	--	2.00	1	--	50-1	--
50-3	W11-2	2M	--	30	X	30	1	--	--	--	6.25	1	1	--	--
50-4	W16-7L	2M	--	24	X	12	--	--	--	--	2.00	1	--	50-3	--
50-5	R5-1	2M	DO NOT ENTER	30	X	30	1	6.25	--	--	--	1	1	--	--
50-6	R7-7L	2M	NO PARKING BUS STOP	18	X	24	1	3.00	--	--	--	1	1	--	--
50-7	J3-1		--	24	X	57	1	9.50	--	--	--	1	1	--	--
--	MB4-5	2M	TO	24	X	12	--	--	--	--	--	--	--	--	--
--	M1-1	2M	INTERSTATE 94	24	X	24	--	--	--	--	--	--	--	--	--
--	MB5-1R	2M	--	21	X	21	--	--	--	--	--	--	--	--	--
50-8	R4-7	2M	--	24	X	30	1	5.00	--	--	--	1	1	--	--
50-9	W11-2	2M	--	30	X	30	1	--	--	--	6.25	1	1	--	--
50-10	W16-7L	2M	--	24	X	12	--	--	--	--	2.00	1	--	50-9	--
50-11	W3-3	2M	--	30	X	30	1	--	--	--	6.25	1	1	--	--
50-12	W3-3	2M	--	30	X	30	1	--	--	--	6.25	1	1	--	--
50-13	J1-1		--	24	X	39	1	6.50	--	--	--	1	1	--	--
--	M2-1	2M	JCT	21	X	15	--	--	--	--	--	--	--	--	--
--	M1-6	2M	COUNTY ZZ	24	X	24	--	--	--	--	--	--	--	--	--
50-14	J1-1		--	21	X	39	1	5.69	--	--	--	1	1	--	--

PERMANENT SIGNING

SIGN NO.	SIGN CODE	SIGN SIZE	SIGN MESSAGE	SIGN SIZE W (IN.)	X	H (IN.)	634.0618 POSTS WOOD 4X6-INCH X 18-FT EA	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.1220 SIGNS TYPE I REFLECTIVE SH SF	637.2215 SIGNS TYPE II REFLECTIVE H FOLDING SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	638.2602 REMOVING SIGNS TYPE II EA	638.3000 REMOVING SMALL SIGN SUPPORTS EA	MOUNT ON SAME POST AS SIGN NO.	REMARKS
--	M2-1	2M	JCT	21	X	15	--	--	--	--	--	--	--	--	--
--	M1-5A	2M	COUNTY ZZ	24	X	24	--	--	--	--	--	--	--	--	--
50-15	R1-1	2M	STOP	36	X	36	1	7.46	--	--	--	1	1	--	--
50-16	R6-3	2M	DIVIDED HIGHWAY	30	X	24	--	5.00	--	--	--	1	--	50-15	--
50-17	R7-2D	2M	NO PARKING 6AM TO 9AM 3PM TO 6PM	18	X	24	1	3.00	--	--	--	1	1	--	--
50-18	R6-2L	2M	ONE WAY	24	X	30	1	5.00	--	--	--	1	1	--	--
50-19	R4-7	2M	--	24	X	30	1	5.00	--	--	--	1	1	--	--
50-20	R2-1	2M	SPEED LIMIT 35	24	X	30	--	5.00	--	--	--	1	--	50-22	--
50-21	R7-2D	2M	NO PARKING 6AM TO 9AM 3PM TO 6PM	18	X	24	1	3.00	--	--	--	1	1	--	--
50-22	R2-1	2M	SPEED LIMIT 35	24	X	30	1	5.00	--	--	--	1	1	--	--
50-23	R2-1	2M	SPEED LIMIT 35	24	X	30	1	5.00	--	--	--	1	1	--	--
50-24	R3-20L	2M	BEGIN LEFT TURN LANE	24	X	36	1	6.00	--	--	--	1	1	--	--
50-25	R7-2D	2M	NO PARKING 6AM TO 9AM 3PM TO 6PM	18	X	24	1	3.00	--	--	--	1	1	--	--
50-26	W11-2	2M	--	30	X	30	1	--	--	--	6.25	1	1	--	--
50-27	W16-7R	2M	--	24	X	12	--	--	--	--	2.00	1	--	50-26	--
51-1	W11-2	2M	--	30	X	30	1	--	--	--	6.25	1	1	--	--
51-2	W16-7R	2M	--	24	X	12	--	--	--	--	2.00	1	--	51-1	--
51-3	R7-2D	2M	NO PARKING 6AM TO 9AM 3PM TO 6PM	18	X	24	1	3.00	--	--	--	1	1	--	--
51-4	W11-2	2M	--	30	X	30	1	--	--	--	6.25	1	1	--	--
51-5	W16-7L	2M	--	24	X	12	--	--	--	--	2.00	1	--	51-4	--
51-6	R1-1	3	STOP	36	X	36	1	7.46	--	--	--	1	1	--	--
51-7	R6-3	2M	DIVIDED HIGHWAY	30	X	24	--	5.00	--	--	--	1	--	51-6	--
51-8	W11-2	2M	--	30	X	30	1	--	--	--	6.25	1	1	--	--
51-9	W16-7R	2M	--	24	X	12	--	--	--	--	2.00	1	--	51-8	--
51-10	R7-2D	2M	NO PARKING 6AM TO 9AM 3PM TO 6PM	18	X	24	1	3.00	--	--	--	1	1	--	--
51-11	R7-1L	2M	NO PARKING ANY TIME	18	X	24	1	3.00	--	--	--	1	1	--	--
51-12	R7-2R	2M	NO PARKING 6AM TO 9AM 3PM TO 6PM	18	X	24	--	3.00	--	--	--	1	--	51-11	--
51-13	R4-7	2M	--	24	X	30	1	5.00	--	--	--	1	1	--	--
51-14	R7-2D	2M	NO PARKING 6AM TO 9AM 3PM TO 6PM	18	X	24	1	3.00	--	--	--	1	1	--	--
51-15	R7-1L	2M	NO PARKING ANY TIME	18	X	24	1	3.00	--	--	--	1	1	--	--
51-16	R7-2R	2M	NO PARKING 6AM TO 9AM 3PM TO 6PM	18	X	24	--	3.00	--	--	--	1	--	51-15	--
51-17	R2-1	2M	SPEED LIMIT 35	24	X	30	1	5.00	--	--	--	1	1	--	--
51-18	R2-1	2M	SPEED LIMIT 35	24	X	30	1	5.00	--	--	--	1	1	--	--
51-19	W14-1	2M	DEAD END	30	X	30	1	--	--	--	6.25	1	1	--	--
51-20	W11-2	2M	--	30	X	30	1	--	--	--	6.25	1	1	--	--
51-21	W16-9P	2M	AHEAD	24	X	12	--	--	--	--	2.00	1	--	51-20	--
51-22	W11-2	2M	--	30	X	30	1	--	--	--	6.25	1	1	--	--
51-23	W16-9P	2M	AHEAD	24	X	12	--	--	--	--	2.00	1	--	51-22	--
51-24	R3-20L	2M	BEGIN LEFT TURN LANE	24	X	36	1	6.00	--	--	--	1	1	--	--
51-25	W11-2	2M	--	30	X	30	1	--	--	--	6.25	1	1	--	--
51-26	W16-7L	2M	--	24	X	12	--	--	--	--	2.00	1	--	51-25	--
52-1	R2-1	2M	SPEED LIMIT 35	24	X	30	1	5.00	--	--	--	1	1	--	--
52-2	R4-7	2M	--	24	X	30	1	5.00	--	--	--	1	1	--	--
52-3	R6-2L	2M	ONE WAY	24	X	30	1	5.00	--	--	--	1	1	--	--
52-4	R7-2D	2M	NO PARKING 6AM TO 9AM 3PM TO 6PM	18	X	24	1	3.00	--	--	--	1	1	--	--

PERMANENT SIGNING

SIGN NO.	SIGN CODE	SIGN SIZE	SIGN MESSAGE	SIGN SIZE W (IN.)	X	H (IN.)	634.0618 POSTS WOOD 4X6-INCH X 18-FT EA	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.1220 SIGNS TYPE I REFLECTIVE SH SF	637.2215 SIGNS TYPE II REFLECTIVE H FOLDING SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	638.2602 REMOVING SIGNS TYPE II EA	638.3000 REMOVING SMALL SIGN SUPPORTS EA	MOUNT ON SAME POST AS SIGN NO.	REMARKS
52-5	R4-7	2M	--	24	X	30	1	5.00	--	--	--	1	1	--	--
52-6	R7-2D	2M	NO PARKING 6AM TO 9AM 3PM TO 6PM	18	X	24	1	3.00	--	--	--	1	1	--	--
52-7	R7-2D	2M	NO PARKING 6AM TO 9AM 3PM TO 6PM	18	X	24	1	3.00	--	--	--	1	1	--	--
53-1	R5-1	2M	DO NOT ENTER	30	X	30	1	6.25	--	--	--	1	1	--	--
53-2	R7-51L	2M	NO PARKING HERE TO DRIVEWAY	18	X	24	1	3.00	--	--	--	1	1	--	--
53-3	R7-2D	2M	NO PARKING 6AM TO 9AM 3PM TO 6PM	18	X	24	1	3.00	--	--	--	1	1	--	--
53-4	R4-7	2M	--	24	X	30	1	5.00	--	--	--	1	1	--	--
53-5	R6-2L	2M	ONE WAY	24	X	30	1	5.00	--	--	--	1	1	--	--
53-6	R1-1	2M	STOP	36	X	36	1	7.46	--	--	--	1	1	--	--
53-7	R6-3	2M	DIVIDED HIGHWAY	30	X	24	--	5.00	--	--	--	1	--	53-6	--
53-8	R4-7	2M	--	24	X	30	1	5.00	--	--	--	1	1	--	--
53-9	R7-1L	2M	NO PARKING ANY TIME	18	X	24	1	3.00	--	--	--	1	1	--	--
53-10	R7-2R	2M	NO PARKING 6AM TO 9AM 3PM TO 6PM	18	X	24	--	3.00	--	--	--	1	--	53-9	--
53-11	W11-8	2M	--	30	X	30	1	--	--	--	6.25	1	1	--	--
53-12	W54-60	2M	FIRE TRUCKS ENTERING WHEN FLASHING	36	X	36	1	--	--	--	9.00	1	1	--	--
54-1	R5-1	2M	DO NOT ENTER	30	X	30	1	6.25	--	--	--	1	1	--	--
54-2	R4-7	2M	--	24	X	30	1	5.00	--	--	--	1	1	--	--
54-3	R6-2L	2M	ONE WAY	24	X	30	1	5.00	--	--	--	1	1	--	--
54-4	R1-1	3	STOP	36	X	36	1	7.46	--	--	--	1	1	--	--
54-5	R6-3	2M	DIVIDED HIGHWAY	30	X	24	--	5.00	--	--	--	1	--	54-4	--
54-6	R4-7	2M	--	24	X	30	1	5.00	--	--	--	1	1	--	--
54-7	R7-1D	2M	NO PARKING ANY TIME	18	X	24	--	3.00	--	--	--	1	--	--	MOUNT ON LIGHT POLE
54-8	R7-1D	2M	NO PARKING ANY TIME	18	X	24	1	3.00	--	--	--	1	1	--	--
54-9	D12-2A	2M	RIDESHARE INFO CALL 1-800-455-POOL	60	X	36	2	15.00	--	--	--	1	2	--	--
54-10	R7-1D	2M	NO PARKING ANY TIME	18	X	24	1	3.00	--	--	--	1	1	--	--
54-11	R3-20L	2M	BEGIN LEFT TURN LANE	24	X	36	1	6.00	--	--	--	1	1	--	--
54-12	W11-8	2M	--	30	X	30	--	--	--	--	6.25	1	--	--	MOUNT ON LIGHT POLE
54-13	W54-60	2M	FIRE TRUCKS ENTERING WHEN FLASHING	36	X	36	--	--	--	--	9.00	1	--	--	--
54-14	R7-1D	2M	NO PARKING ANY TIME	18	X	24	1	3.00	--	--	--	1	1	--	--
54-15	R2-1	2M	SPEED LIMIT 35	24	X	30	1	5.00	--	--	--	1	1	--	--
54-16	R2-1	2M	SPEED LIMIT 35	24	X	30	--	5.00	--	--	--	1	--	54-15	--
55-1	R2-1	2M	SPEED LIMIT 35	24	X	30	1	5.00	--	--	--	1	1	--	--
55-2	R2-1	2M	SPEED LIMIT 35	24	X	30	1	5.00	--	--	--	1	1	--	--
55-3	R7-1D	2M	NO PARKING ANY TIME	18	X	24	1	3.00	--	--	--	1	1	--	--
56-1	R7-1D	2M	NO PARKING ANY TIME	18	X	24	1	3.00	--	--	--	1	1	--	--
56-2	R2-1	2M	SPEED LIMIT 35	24	X	30	1	5.00	--	--	--	1	1	--	--
56-3	R2-1	2M	SPEED LIMIT 35	24	X	30	1	5.00	--	--	--	1	1	--	--
56-4	R2-1	2M	SPEED LIMIT 35	24	X	30	--	5.00	--	--	--	1	--	56-3	--
56-5	R2-1	2M	SPEED LIMIT 35	24	X	30	1	5.00	--	--	--	1	1	--	--
56-6	R7-1D	2M	NO PARKING ANY TIME	18	X	24	1	3.00	--	--	--	1	1	--	--
57-1	R7-1D	2M	NO PARKING ANY TIME	18	X	24	1	3.00	--	--	--	1	1	--	--
57-2	W3-3	2M	--	36	X	36	1	--	--	--	9.00	1	1	--	--
57-3	R5-1	2M	DO NOT ENTER	30	X	30	1	6.25	--	--	--	1	1	--	--
57-4	R7-1D	2M	NO PARKING ANY TIME	18	X	24	1	3.00	--	--	--	1	1	--	--
57-5	D1-64	3	AMTRAK STATION SECOND SIGNAL	96	X	21	2	14.00	--	--	--	1	2	--	--

PERMANENT SIGNING

SIGN NO.	SIGN CODE	SIGN SIZE	SIGN MESSAGE	SIGN SIZE W (IN.)	X	H (IN.)	634.0618 POSTS WOOD 4X6-INCH X 18-FT EA	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.1220 SIGNS TYPE I REFLECTIVE SH SF	637.2215 SIGNS TYPE II REFLECTIVE H FOLDING SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	638.2602 REMOVING SIGNS TYPE II EA	638.3000 REMOVING SMALL SIGN SUPPORTS EA	MOUNT ON SAME POST AS SIGN NO.	REMARKS
57-6	J22-1		--	24	X	60	1	10.00	--	--	--	1	1	--	--
--	MB4-5	2M	TO	24	X	12	--	--	--	--	--	--	--	--	--
--	M1-1	2	INTERSTATE 94	24	X	24	--	--	--	--	--	--	--	--	--
--	M4-20L	2M	USE LEFT LANE	24	X	24	--	--	--	--	--	--	--	--	--
57-7	J1-1		--	21	X	39	1	5.69	--	--	--	1	1	--	--
--	M2-1	2M	JCT	21	X	15	--	--	--	--	--	--	--	--	--
--	M1-5A	2M	119	24	X	24	--	--	--	--	--	--	--	--	--
57-8	R7-1D	2M	NO PARKING ANY TIME	18	X	24	1	3.00	--	--	--	1	1	--	--
57-9	W3-3	2M	--	36	X	36	1	--	--	--	9.00	1	1	--	--
57-10	R7-1D	2M	NO PARKING ANY TIME	18	X	24	1	3.00	--	--	--	1	1	--	--
57-11	R6-2L	2M	ONE WAY	24	X	30	1	5.00	--	--	--	1	1	--	--
57-12	R4-7	2M	--	24	X	30	1	5.00	--	--	--	1	1	--	--
58-1	R7-1D	2M	NO PARKING ANY TIME	18	X	24	1	3.00	--	--	--	1	1	--	--
58-2	R1-1	3	STOP	36	X	36	1	7.46	--	--	--	1	1	--	--
58-3	R6-3	2M	DIVIDED HIGHWAY	30	X	24	--	5.00	--	--	--	1	--	58-2	--
58-4	R4-7	2M	--	24	X	30	1	5.00	--	--	--	1	1	--	--
58-5	J2-2		--	48	X	57	2	19.00	--	--	--	1	2	--	--
--	M3-4	2M	WEST	24	X	12	--	--	--	--	--	--	--	--	--
--	M1-6	2	119	24	X	24	--	--	--	--	--	--	--	--	--
--	M5-1L	2M	--	21	X	21	--	--	--	--	--	--	--	--	--
--	MB4-5	2M	TO	24	X	12	--	--	--	--	--	--	--	--	--
--	M1-1	2	INTERSTATE 94	24	X	24	--	--	--	--	--	--	--	--	--
--	MB5-1L	2M	--	21	X	21	--	--	--	--	--	--	--	--	--
58-6	R10-50L	2M	LEFT TURN YIELD ON FLASHING YELLOW ARROW	30	X	36	--	--	--	--	--	1	--	--	--
58-7	J22-1		--	24	X	57	1	9.50	--	--	--	1	1	--	--
--	MB4-5	2M	TO	24	X	12	--	--	--	--	--	--	--	--	--
--	M1-1	2	INTERSTATE 94	24	X	24	--	--	--	--	--	--	--	--	--
--	MB6-1	2M	--	21	X	21	--	--	--	--	--	--	--	--	--
58-8	R10-50L	2M	LEFT TURN YIELD ON FLASHING YELLOW ARROW	30	X	36	--	--	--	--	--	1	--	--	--
58-9	R3-20LL	2M	BEGIN LEFT TURN LANE	24	X	36	1	6.00	--	--	--	1	1	--	--
58-10	W12-1D	2M	--	24	X	24	1	--	--	--	4.00	1	1	--	--
58-11	R1-1F	2M	STOP	36	X	36	--	--	--	7.46	--	1	--	--	MOUNT ON SIGNAL POLE
58-12	R6-3	2M	DIVIDED HIGHWAY	30	X	24	--	5.00	--	--	--	1	--	58-11	MOUNT ON SIGNAL POLE
58-13	R2-1	2M	SPEED LIMIT 35	24	X	30	--	5.00	--	--	--	1	--	--	MOUNT ON LIGHT POLE
58-14	R2-1	2M	SPEED LIMIT 35	24	X	30	1	5.00	--	--	--	1	1	--	--
58-15	R1-1F	2M	STOP	36	X	36	--	--	--	7.46	--	1	--	--	MOUNT ON SIGNAL POLE
58-16	R1-2	2M	YIELD	36	X	31	--	7.75	--	--	--	1	--	--	MOUNT ON LIGHT POLE
58-17	M1-94S	3	S HOWELL AVE	102	X	18	--	12.75	--	--	--	1	--	--	MOUNT ON SIGNAL ARM
58-18	R6-2L	2M	ONE WAY	24	X	30	1	5.00	--	--	--	1	1	--	--
58-19	R4-7	2M	--	24	X	30	1	5.00	--	--	--	1	1	--	--
58-20	R1-1F	2M	STOP	36	X	36	--	--	--	7.46	--	1	--	58-19	--
58-21	R5-1	2M	DO NOT ENTER	30	X	30	--	6.25	--	--	--	1	--	--	MOUNT ON SINGAL POLE
58-22	R1-1F	2M	STOP	36	X	36	--	--	--	7.46	--	1	--	--	MOUNT ON SIGNAL POLE
58-23	R5-1	2M	DO NOT ENTER	30	X	30	--	6.25	--	--	--	1	--	--	MOUNT ON SINGAL POLE
58-24	R1-2	2M	YIELD	36	X	31	1	7.75	--	--	--	1	1	--	--

PERMANENT SIGNING

SIGN NO.	SIGN CODE	SIGN SIZE	SIGN MESSAGE	SIGN SIZE W (IN.)	X	H (IN.)	634.0618 POSTS WOOD 4X6-INCH X 18-FT EA	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.1220 SIGNS TYPE I REFLECTIVE SH SF	637.2215 SIGNS TYPE II REFLECTIVE H FOLDING SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	638.2602 REMOVING SIGNS TYPE II EA	638.3000 REMOVING SMALL SIGN SUPPORTS EA	MOUNT ON SAME POST AS SIGN NO.	REMARKS
58-25	W12-1D	2M	--	24	X	24	1	--	--	--	4.00	1	1	--	--
58-26	R1-1F	2M	STOP	36	X	36	--	--	--	7.46	--	1	--	--	MOUNT ON LIGHT POLE
58-27	R1-1F	2M	STOP	36	X	36	--	--	--	7.46	--	1	--	--	MOUNT ON SIGNAL POLE
58-28	R5-1	2M	DO NOT ENTER	30	X	30	--	6.25	--	--	--	1	--	--	MOUNT ON SINGAL POLE
58-29	R4-7	2M	--	24	X	30	1	5.00	--	--	--	1	1	--	--
58-30	R4-7	2M	--	24	X	30	--	5.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
58-31	W12-1D	2M	--	24	X	24	1	--	--	--	4.00	1	1	--	--
58-32	R1-1	3	STOP	36	X	36	1	7.46	--	--	--	1	1	--	--
58-33	R1-1F	2M	STOP	36	X	36	--	--	--	7.46	--	1	--	58-29	--
58-34	R1-1F	2M	STOP	36	X	36	--	--	--	7.46	--	1	--	--	MOUNT ON SIGNAL POLE
58-35	R6-2L	2M	ONE WAY	24	X	30	--	5.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
58-36	J1-1		--	24	X	36	1	6.00	--	--	--	1	1	--	--
--	M3-3	2M	SOUTH	24	X	12	--	--	--	--	--	--	--	--	--
--	M1-6	2M	38	24	X	24	--	--	--	--	--	--	--	--	--
59-1	R5-1	2M	DO NOT ENTER	30	X	30	--	6.25	--	--	--	1	--	--	MOUNT ON LIGHT POLE
59-2	R3-20LL	2M	BEGIN LEFT TURN LANE	24	X	36	1	6.00	--	--	--	1	1	--	--
59-3	J22-1		--	24	X	57	--	9.50	--	--	--	1	--	--	MOUNT ON LIGHT POLE
--	MB4-5	2M	TO	24	X	12	--	--	--	--	--	--	--	--	--
--	M1-1	2	INTERSTATE 94	24	X	24	--	--	--	--	--	--	--	--	--
--	MB6-1	2M	--	21	X	21	--	--	--	--	--	--	--	--	--
59-4	R5-1A	2M	WRONG WAY	36	X	24	--	6.00	--	--	--	1	--	--	MOUNT ON LIGHT POLE
59-5	R7-1D	2M	NO PARKING ANY TIME	18	X	24	--	3.00	--	--	--	1	--	--	MOUNT ON LIGHT POLE
59-6	J1-1		--	24		36	1	6.00	--	--	--	1	1	--	--
--	M3-1	2M	--	24	X	12	--	--	--	--	--	--	--	--	--
--	M1-6	2	--	24	X	24	--	--	--	--	--	--	--	--	--
59-7	J32-1		--	24	X	81	1	13.50	--	--	--	1	1	--	--
--	MB4-5	2M	TO	24	X	12	--	--	--	--	--	--	--	--	--
--	M1-1	2	INTERSTATE 41	24	X	24	--	--	--	--	--	--	--	--	--
--	M1-1	2	INTERSTATE 94	24	X	24	--	--	--	--	--	--	--	--	--
--	M5-1L	2M	--	21	X	21	--	--	--	--	--	--	--	--	--
59-8	R7-1D	2M	NO PARKING ANY TIME	18	X	24	1	3.00	--	--	--	1	1	--	--
59-9	D1-2	3	AMTRAK STATION	60	X	24	2	10.00	--	--	--	1	2	--	--
59-10	I55-56	2	ADOPT A HIGHWAY	30	X	18	--	3.75	--	--	--	1	--	--	MOUNT ON LIGHT POLE
59-11	R3-20L	2M	BEGIN LEFT TURN LANE	24	X	36	1	6.00	--	--	--	1	1	--	--
59-12	J32-1		--	24	X	81	1	13.50	--	--	--	1	1	--	--
--	MB4-5	2M	TO	24	X	12	--	--	--	--	--	--	--	--	--
--	M1-1	2	INTERSTATE 41	24	X	24	--	--	--	--	--	--	--	--	--
--	M1-1	2	INTERSTATE 94	24	X	24	--	--	--	--	--	--	--	--	--
--	MB6-1	2M	--	21	X	21	--	--	--	--	--	--	--	--	--
59-13	R7-1D	2M	NO PARKING ANY TIME	18	X	24	1	3.00	--	--	--	1	1	--	--
59-14	R1-1F	2M	STOP	36	X	36	1	--	--	7.46	--	1	1	--	--
59-15	R6-3	2M	DIVIDED HIGHWAY	30	X	24	--	5.00	--	--	--	1	--	59-14	--
59-16	J1-1		--	24	X	36	--	6.00	--	--	--	1	--	--	MOUNT ON LIGHT POLE
--	M3-3	2M	SOUTH	24	X	12	--	--	--	--	--	--	--	--	--
--	M1-6	2	38	24	X	24	--	--	--	--	--	--	--	--	--

PERMANENT SIGNING

SIGN NO.	SIGN CODE	SIGN SIZE	SIGN MESSAGE	SIGN SIZE W (IN.)	X	H (IN.)	634.0618 POSTS WOOD 4X6-INCH X 18-FT EA	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.1220 SIGNS TYPE I REFLECTIVE SH SF	637.2215 SIGNS TYPE II REFLECTIVE H FOLDING SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	638.2602 REMOVING SIGNS TYPE II EA	638.3000 REMOVING SMALL SIGN SUPPORTS EA	MOUNT ON SAME POST AS SIGN NO.	REMARKS
59-17	R4-7	2M	--	24	X	30	--	5.00	--	--	--	1	--	59-14	--
59-18	R1-1F	2M	STOP	36	X	36	--	--	--	7.46	--	1	--	--	MOUNT ON SIGNAL POLE
59-19	R3-1	2M	--	24	X	24	--	4.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
59-20	R5-1	2M	DO NOT ENTER	30	X	30	--	6.25	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
59-21	R6-2L	2M	ONE WAY	24	X	30	--	5.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
59-22	R1-1F	2M	STOP	36	X	36	--	--	--	7.46	--	1	--	--	MOUNT ON SIGNAL POLE
59-23	M1-94H		GRANGE AVE	102	X	18	--	12.75	--	--	--	--	--	--	MOUNT ON SIGNAL ARM
59-24	R4-7	2M	--	24	X	30	--	5.00	--	--	--	1	--	--	MOUNT ON SIGNAL POLE
59-25	J13-1		--	21	X	45	--	--	--	--	--	--	--	--	--
--	M1-6	2M	38	24	X	24	1	4.00	--	--	--	1	1	--	--
--	M6-4	2M	--	21	X	21	--	--	--	--	--	--	--	--	--
59-26	R1-1F	2M	STOP	36	X	36	--	--	--	7.46	--	1	--	--	MOUNT ON SIGNAL POLE
59-27	R6-3	2M	DIVIDED HIGHWAY	30	X	24	--	5.00	--	--	--	1	--	59-26	MOUNT ON SIGNAL POLE
60-1	J2-1		--	24	X	57	1	9.50	--	--	--	1	1	--	--
--	M3-1	2M	SOUTH	24	X	12	--	--	--	--	--	--	--	--	--
--	M1-6	2	38	24	X	24	--	--	--	--	--	--	--	--	--
--	M6-1	2M	--	21	X	21	--	--	--	--	--	--	--	--	--
60-2	R1-1F	2M	STOP	36	X	36	--	--	--	7.46	--	1	--	--	MOUNT ON SIGNAL POLE
60-3	J2-1		--	24	X	57	--	9.50	--	--	--	1	--	--	MOUNT ON LIGHT POLE
--	M3-3	2M	NORTH	24	X	12	--	--	--	--	--	--	--	--	--
--	M1-6	2	38	24	X	24	--	--	--	--	--	--	--	--	--
--	M6-1	2M	--	21	X	21	--	--	--	--	--	--	--	--	--
60-4	M1-94H	3	GRANGE AVE	102	X	18	--	12.75	--	--	--	--	--	--	MOUNT ON SIGNAL ARM
60-5	R10-50L	2M	LEFT TURN YIELD ON FLASHING YELLOW ARROW	30	X	36	--	--	--	--	--	1	--	--	--
60-6	R1-1	3	STOP	36	X	36	1	7.46	--	--	--	1	1	--	--
60-7	J1-1		--	24	X	36	1	6.00	--	--	--	1	1	--	--
--	M3-3	2M	NORTH	24	X	12	--	--	--	--	--	--	--	--	--
--	M1-6	2	38	24	X	24	--	--	--	--	--	--	--	--	--
60-8	R2-1	2M	SPEED LIMIT 35	24	X	30	1	5.00	--	--	--	1	1	--	--
60-9	R2-1	2M	SPEED LIMIT 35	24	X	30	1	5.00	--	--	--	1	1	--	--
60-10	R7-1D	2M	NO PARKING ANY TIME	18	X	24	1	3.00	--	--	--	1	1	--	--
60-11	R7-1D	2M	NO PARKING ANY TIME	18	X	24	1	3.00	--	--	--	1	1	--	--
60-12	JV		--	24	X	117	1	19.50	--	--	--	1	1	--	--
--	MB4-5	2M	TO	24	X	12	--	--	--	--	--	--	--	--	--
--	M1-1	2	INTERSTATE 41	24	X	24	--	--	--	--	--	--	--	--	--
--	M1-1	2	INTERSTATE 94	24	X	24	--	--	--	--	--	--	--	--	--
--	M3-4	2M	WEST	24	X	12	--	--	--	--	--	--	--	--	--
--	M1-6	2	119	24	X	24	--	--	--	--	--	--	--	--	--
--	MB5-1R	2M	--	21	X	21	--	--	--	--	--	--	--	--	--
60-13	D1-2	3	AMTRAK STATION	60	X	24	1	10.00	--	--	--	1	1	--	--
60-14	JV		--	24	X	117	1	19.50	--	--	--	1	1	--	--
--	MB4-5	2M	TO	24	X	12	--	--	--	--	--	--	--	--	--
--	M1-1	2	INTERSTATE 41	24	X	24	--	--	--	--	--	--	--	--	--
--	M1-1	2	INTERSTATE 94	24	X	24	--	--	--	--	--	--	--	--	--
--	M3-4	2M	WEST	24	X	12	--	--	--	--	--	--	--	--	--

PERMANENT SIGNING

SIGN NO.	SIGN CODE	SIGN SIZE	SIGN MESSAGE	SIGN SIZE W (IN.) X H (IN.)	634.0618 POSTS WOOD 4X6-INCH X 18-FT EA	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.1220 SIGNS TYPE I REFLECTIVE SH SF	637.2215 SIGNS TYPE II REFLECTIVE H FOLDING SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	638.2602 REMOVING SIGNS TYPE II EA	638.3000 REMOVING SMALL SIGN SUPPORTS EA	MOUNT ON SAME POST AS SIGN NO.	REMARKS
--	M1-6	2	119	24 X 24	--	--	--	--	--	--	--	--	--
--	MB6-1	2M	--	21 X 21	--	--	--	--	--	--	--	--	--
60-15	R1-1F	2M	STOP	36 X 36	--	--	--	7.46	--	1	--	--	MOUNT ON SIGNAL POLE
60-16	R3-2	2M	--	24 X 24	--	--	--	4.00	--	1	--	--	MOUNT ON SIGNAL POLE
60-17	R1-1F	2M	STOP	36 X 36	--	--	--	7.46	--	1	--	--	MOUNT ON SIGNAL POLE
CATEGORY 0010 TOTAL					718	7735.89	49.00	600.80	1405.00	1110	708		
TOTALS					944	9034.69	49.00	675.40	1801.75	1271	817		

CATEGORY 0010

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	MISCELLANEOUS QUANTITIES	SHEET 548	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\030203-MQ.DWG
LAYOUT NAME - 17
PLOT DATE : 7/14/2026 11:43 AM PLOT BY : BEN KROLCZYK, PE PLOT NAME : PLOT SCALE : 1" = 1'
WISDOT/CADDS SHEET 42

3

STATE FURNISHED MATERIALS SUMMARY - FOR INFORMATION ONLY

EACH	DESCRIPTION
3	POLES TYPE 9
1	POLES TYPE 9 SPECIAL
1	MONOTUBE ARMS 20-FT
2	MONOTUBE ARMS 25-FT
1	MONOTUBE ARMS 40-FT SPECIAL
1	TRAFFIC SIGNAL CONTROLLER
4	EVP DETECTOR HEADS

REMOVING CONCRETE BASES

SIGNAL BASE NO.	204.0195 REMOVING CONCRETE BASES EACH
SB1	1
SB4	1
SB6	1
SB7	1
SB13	1
SB16	1
SB17	1
SB18	1
SB20	1
SB21	1
SB24	1
TOTAL	11

REMOVE PULL BOXES

PULL BOX NO.	653.0905 REMOVING PULL BOXES EACH
PB10	1
PB11	1
PB25	1
PB31	1
TOTAL	4

REMOVING TRAFFIC SIGNALS

LOCATION	204.9060.S.03 REMOVING TRAFFIC SIGNALS EACH
STH 38 & OAKWOOD	1
TOTAL	1

REMOVING WIRE

LOCATION	204.9060.S.04 REMOVING LOOP DETECTOR WIRE AND LEAD-IN CABLE EACH
STH 38 & OAKWOOD	1
TOTAL	1

LAMP, BALLAST, LED, SWITCH DISPOSAL

FIXTURE TYPE	659.5000.S LAMP, BALLAST, SWITCH DISPOSAL BY CONTRACTOR EACH
TRAFFIC SIGNAL, THREE SECTION	8
TRAFFIC SIGNAL, FOUR SECTION	4
TRAFFIC SIGNAL, PEDESTRIAN	8
TOTAL	20

LAMP, BALLAST, LED, SWITCH DISPOSAL (FOR INFORMATION ONLY)

LOCATION	TRAFFIC SIGNAL THREE SECTION EACH	TRAFFIC SIGNAL FOUR SECTION EACH	TRAFFIC SIGNAL PEDESTRIAN EACH
SB1	--	--	1
SB2	--	--	1
SB3	1	1	--
SB4	1	--	1
SB5	--	--	1
SB6	--	1	--
SB7	1	--	--
SB13	1	--	1
SB14	--	--	1
SB15	1	1	--
SB16	1	--	--
SB17	--	--	1
SB18	--	--	1
SB20	--	1	--
SB21	1	--	--
SB24	1	--	--
	8	4	8

PLOT DATE : 7/28/2026 3:35:21 PM PLOT BY : DJW

3

		CONDUIT		
		652.0225* CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH	652.0235 CONDUIT RIGID NONMETALLIC SCHEDULE 40 3-INCH	652.0605* CONDUIT SPECIAL 2-INCH
FROM	TO	L.F.	L.F.	L.F.
PB1	SB1	10	--	--
PB1	SB2	25	--	--
PB6	SB5	--	35	--
PB7	SB6	30	--	--
PB8	PB9	175	--	--
PB9	PB10	150	--	--
PB11	SB8	15	--	--
PB19	SB14	--	15	--
PB19	SB15	5	--	--
PB21	SB18	--	10	--
PB21	SB19	20	--	--
PB22	SB20	25	--	--
PB22	PB23	--	--	205
PB24	SB22	20	--	--
PB27	PB29	220	--	--
PB30	SB25	--	10	--
	TOTAL	695	70	205

* QUANTITY SHOWN ELSEWHERE ON PLAN

PULL BOXES

PULL BOX	LOCATION		653.0135* PULL BOXES STEEL 24x36-INCH	653.0140* PULL BOXES STEEL 24x42-INCH
NO.	STA	OFFSET	EACH	EACH
PB9	132+12.4	57.4 LT	1	--
PB10	133+62.4	57.5 LT	1	--
PB23	126+34.8	33.2 RT	--	1
PB29	124+85.0	4.1 RT	1	--
		TOTAL	3	1

* QUANTITY SHOWN ELSEWHERE ON PLAN

CONCRETE BASES

SIGNAL BASE NO.	LOCATION STA	OFFSET	654.0101 CONCRETE BASES TYPE 1 EACH	654.0110 CONCRETE BASES TYPE 10 EACH	654.0120 CONCRETE BASES TYPE 10 SPECIAL EACH
SB1	128+70.2	86.2 LT	1	--	--
SB2	128+70.7	103.6 LT	1	--	--
SB5	129+70.6	104.0 LT	--	1	--
SB6	129+72.2	90.1 LT	1	--	--
SB8	129+79.2	11.9 LT	1	--	--
SB14	129+77.6	42.7 RT	--	1	--
SB15	129+59.6	51.3 RT	1	--	--
SB18	128+89.8	82.0 RT	--	1	--
SB19	128+69.3	57.2 RT	1	--	--
SB20	128+62.4	48.9 RT	1	--	--
SB22	128+61.4	8.6 RT	1	--	--
SB25	128+27.3	62.6 LT	--	--	1
		TOTAL	8	3	1

3

3

TRAFFIC DETECTOR LOOPS

LOOP NO.	HOME RUN PB	LOCATION** STA	LOCATION** OFFSET	SIZE (FT) X (FT)	NO. OF TURNS	PAVEMENT TYPE	SDD INSTALLATION REFERENCE	652.0800* CONDUIT LOOP DETECTOR L.F.	655.0700* LOOP DETECTOR LEAD IN CABLE L.F.	655.0800* LOOP DETECTOR WIRE L.F.
11	PB25	128+31.1	0.4 LT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	74	81	233
12	PB25	128+57.7	0.5 LT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	66	81	208
21	PB10	133+64.1	35.1 LT	6 X 12	5	ASPHALT	9F15-4B OPTION 2	72	609	378
22	PB10	132+64.1	24.1 LT	6 X 12	5	ASPHALT	9F15-4B OPTION 2	94	459	494
23	PB9	132+13.0	34.9 LT	6 X 8	5	ASPHALT	9F15-4B OPTION 2	64	609	336
24	PB9	132+13.0	23.8 LT	6 X 8	5	ASPHALT	9F15-4B OPTION 2	86	459	452
51	PB11	130+08.4	0.2 LT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	78	304	246
52	PB11	129+79.5	0.2 LT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	66	304	208
61	PB29	124+84.4	17.4 RT	6 X 15	4	ASPHALT	9F15-4B OPTION 2	50	438	210
62	PB23	126+34.4	20.0 RT	6 X 6	5	ASPHALT	9F15-4B OPTION 2	42	338	221
							TOTAL	692	3682	2984

** LOCATION IS TO FRONT CENTER OF DETECTOR LOOP

* QUANTITY SHOWN ELSEWHERE ON PLAN

POLES

SIGNAL BASE NO.	657.0100 PEDESTAL BASES EACH	657.0425 TRAFFIC SIGNAL STANDARDS ALUMINUM 15-FT EACH	657.0430 TRAFFIC SIGNAL STANDARDS ALUMINUM 10-FT EACH	SPV.0060.50 INSTALL TYPE 9 POLE EACH	SPV.0060.51 INSTALL TYPE 9 SPECIAL POLE EACH	SPV.0060.53 INSTALL MONOTUBE ARMS 20-FT EACH	SPV.0060.54 INSTALL MONOTUBE ARMS 25-FT EACH	SPV.0060.57 INSTALL MONOTUBE ARMS 40-FT SPECIAL EACH	658.0500 PEDESTRIAN PUSH BUTTONS EACH
SB1	1	--	1	--	--	--	--	--	1
SB2	1	--	1	--	--	--	--	--	1
SB5	--	--	--	1	--	--	1	--	1
SB6	1	--	1	--	--	--	--	--	1
SB8	1	1	--	--	--	--	--	--	1
SB14	--	--	--	1	--	1	--	--	1
SB15	1	--	1	--	--	--	--	--	1
SB18	--	--	--	1	--	--	1	--	--
SB19	1	--	1	--	--	--	--	--	1
SB20	1	--	1	--	--	--	--	--	1
SB22	1	1	--	--	--	--	--	--	1
SB25	--	--	--	--	1	--	--	1	--
TOTAL	8	2	6	3	1	1	2	1	10

3

TRAFFIC SIGNAL CABLE AND WIRE

FROM	TO	655.0240* CABLE TRAFFIC SIGNAL 7-14 AWG L.F.	655.0260 CABLE TRAFFIC SIGNAL 12-14 AWG L.F.
CB1	SB1	65	--
CB1	SB2	80	--
CB1	SB5	--	270
CB1	SB6	360	--
CB1	SB8	--	420
CB1	SB14	--	465
CB1	SB15	455	--
CB1	SB18	280	--
CB1	SB19	290	--
CB1	SB20	225	--
CB1	SB22	--	180
CB1	SB25	75	--
	TOTAL	1830	1335

* QUANTITY SHOWN ELSEWHERE ON PLAN

TRAFFIC SIGNAL CABLE AND WIRE

FROM	TO	655.0515 ELECTRICAL WIRE TRAFFIC SIGNALS 10 AWG L.F.
CB1	SB1	70
SB1	SB2	85
SB2	SB3	195
SB4	SB5	110
SB5	SB6	195
SB6	SB7	85
SB7	SB8	130
SB8	SB14	220
SB14	SB15	70
SB15	SB16	60
SB17	SB18	105
SB18	SB19	80
SB19	SB20	150
SB20	SB21	90
SB21	SB22	110
SB22	SB25	145
SB25	CB1	80
SB5	PB6	60
SB8	PB11	40
SB8	PB12	60
SB14	PB15	100
SB14	PB16	80
SB18	PB21	35
SB22	PB24	45
SB22	PB25	65
SB25	PB30	35
	TOTAL	2500

TRAFFIC SIGNAL CABLE AND WIRE

FROM	TO SIGNAL HEAD NUMBER	655.0230 CABLE TRAFFIC SIGNAL 5-14 AWG L.F.	655.0240* CABLE TRAFFIC SIGNAL 7-14 AWG L.F.
SB1	24	15	--
SB2	25	15	--
SB4	12	--	22
SB5	8	50	--
SB5	9	22	--
SB5	26	15	--
SB6	27	15	--
SB8	23	--	22
SB14	20	45	--
SB14	21	22	--
SB14	28	15	--
SB15	29	15	--
SB27	6	--	22
SB18	2	50	--
SB18	3	22	--
SB19	30	15	--
SB20	31	15	--
SB22	18	--	22
SB25	14	65	--
SB25	15	55	--
SB25	16	22	--
	TOTAL	473	88

* QUANTITY SHOWN ELSEWHERE ON PLAN

3

3

FACES

SIGNAL BASE NO.	SIGNAL HEAD NO.	658.0173 TRAFFIC SIGNAL FACE 3S-12 INCH EACH	658.0174 TRAFFIC SIGNAL FACE 4S-12 INCH EACH	658.0416 PEDESTRIAN SIGNAL FACE 16-INCH EACH
SB1	24	--	--	1
SB2	25	--	--	1
SB4	12	--	1	--
SB5	8	1	--	--
SB5	9	1	--	--
SB5	26	--	--	1
SB6	27	--	--	1
SB8	23	--	1	--
SB14	20	1	--	--
SB14	21	1	--	--
SB14	28	--	--	1
SB15	29	--	--	1
SB27	6	--	1	--
SB18	2	1	--	--
SB18	3	1	--	--
SB19	30	--	--	1
SB20	31	--	--	1
SB22	18	--	1	--
SB25	14	1	--	--
SB25	15	1	--	--
SB25	16	1	--	--
TOTAL		9	4	8

TRAFFIC SIGNAL MOUNTING HARDWARE

LOCATION	658.5070.02 SIGNAL MOUNTING HARDWARE EACH
STH 38 & OAKWOOD	1
TOTAL	1

TRAFFIC SIGNAL EVP DETECTOR CABLE

FROM	TO	655.0900 TRAFFIC SIGNAL EVP DETECTOR CABLE L.F.
CB1	SB25 (HEAD A)	135
CB1	SB14 (HEAD B)	505
CB1	SB18 (HEAD C)	325
CB1	SB5 (HEAD D)	315
	TOTAL	1280

EMERGENCY VEHICLE PREEMPTION

LOCATION	SPV.0060.64 TRANSPORT AND INSTALL STATE FURNISHED EVP DETECTOR HEADS EACH
STH 38 & OAKWOOD	1
TOTAL	1

TRANSPORTING MATERIALS

LOCATION	SPV.0060.62 TRANSPORT TRAFFIC SIGNAL AND INTERSECTION LIGHTING MATERIALS EACH
STH 38 & OAKWOOD	1
TOTAL	1

MODIFY TRAFFIC SIGNALS

LOCATION	SPV.0060.65 MODIFY TRAFFIC SIGNALS EACH
STH 38 & OAKWOOD	1
TOTAL	1

3

STATE FURNISHED MATERIALS SUMMARY - FOR INFORMATION ONLY

EACH	DESCRIPTION
1	OBSERVATION CAMERA

REMOVING TRAFFIC SIGNALS

LOCATION	204.9060.S.05 REMOVING TRAFFIC SIGNALS EACH
STH 38 & STH 100	1
TOTAL	1

TRAFFIC DETECTOR LOOPS

LOOP NO.	HOME RUN PB	LOCATION** STA	LOCATION** OFFSET	SIZE (FT) X (FT)	NO. OF TURNS	PAVEMENT TYPE	SDD INSTALLATION REFERENCE	652.0800* CONDUIT LOOP DETECTOR L.F.	655.0700* LOOP DETECTOR LEAD IN CABLE L.F.	655.0800* LOOP DETECTOR WIRE L.F.
11	PB28	181+03.4	9.2 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	90	107	284
12	PB28	181+31.4	9.2 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	90	107	284
13	PB28	181+03.1	1.8 LT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	70	107	221
14	PB28	181+31.1	1.8 LT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	70	107	221
31	PB19	103+20.2	2.2 LT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	90	342	284
32	PB19	102+92.2	2.0 LT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	104	342	328
43	PB5	101+03.7	34.6 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	94	95	296
44	PB5	101+31.7	34.5 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	88	95	277
45	PB5	101+03.6	23.3 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	114	95	359
46	PB5	101+31.6	23.1 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	112	95	353
47	PB27	100+98.5	77.9 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	72	58	227
48	PB27	101+26.1	82.5 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	70	58	221
49	PB27	101+00.8	67.1 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	92	58	290
410	PB27	101+28.4	71.6 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	88	58	277
51	PB12	183+17.8	9.2 LT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	92	351	290
52	PB12	182+89.8	9.1 LT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	94	351	296
53	PB12	183+18.1	1.7 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	66	351	208
54	PB12	182+90.1	1.9 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	76	351	239
71	PB6	100+93.3	10.3 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	92	155	290
72	PB6	101+21.3	10.1 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	92	155	290
73	PB6	100+93.2	0.9 LT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	70	155	221
74	PB6	101+21.2	1.0 LT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	70	155	221
83	PB18	103+10.4	48.1 LT	6 X 20	4	ASPHALT	9F15-4B OPTION 2	108	477	454
84	PB18	102+82.4	47.9 LT	6 X 20	4	ASPHALT	9F15-4B OPTION 2	94	477	395
85	PB18	103+10.2	35.8 LT	6 X 20	4	ASPHALT	9F15-4B OPTION 2	126	477	529
86	PB18	102+82.2	35.6 LT	6 X 20	4	ASPHALT	9F15-4B OPTION 2	120	477	504
87	PB18	103+10.5	23.9 LT	6 X 20	4	ASPHALT	9F15-4B OPTION 2	148	477	622
88	PB18	102+82.5	23.7 LT	6 X 20	4	ASPHALT	9F15-4B OPTION 2	146	477	613
							TOTAL	2638	6610	9089

** LOCATION IS TO FRONT CENTER OF DETECTOR LOOP

* QUANTITY SHOWN ELSEWHERE ON PLAN

CONDUIT

FROM	TO	652.0225* CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH L.F.
PB2	PB27	5
PB25	PB28	15
	TOTAL	20

* QUANTITY SHOWN ELSEWHERE ON PLAN

PULL BOXES

PULL BOX NO.	LOCATION STA	LOCATION OFFSET	653.0135* PULL BOXES STEEL 24x36-INCH EACH
PB27	101+01.6	89.9 RT	1
PB28	181+07.2	12.4 LT	1
TOTAL		TOTAL	2

* QUANTITY SHOWN ELSEWHERE ON PLAN

OBSERVATION CAMERA

LOCATION	SPV.0060.66 TRANSPORT AND INSTALL STATE FURNISHED OBSERVATION CAMERA EACH
STH 38 & STH 100	1
TOTAL	1

3

REMOVING TRAFFIC SIGNALS

LOCATION	204.9060.S.06 REMOVING TRAFFIC SIGNALS EACH
STH 38 & CENTENNIAL	1
TOTAL	1

CONDUIT

FROM	TO	652.0225* CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH L.F.
PB11	PB21	10
	TOTAL	10

* QUANTITY SHOWN ELSEWHERE ON PLAN

PULL BOXES

PULL BOX NO.	LOCATION STA	LOCATION OFFSET	653.0135* PULL BOXES STEEL 24x36-INCH EACH
PB21	222+13.1	103.8 RT	1
TOTAL		TOTAL	1

* QUANTITY SHOWN ELSEWHERE ON PLAN

3

TRAFFIC DETECTOR LOOPS

LOOP NO.	HOME RUN PB	LOCATION** STA	LOCATION** OFFSET	SIZE (FT) X (FT)	NO. OF TURNS	PAVEMENT TYPE	SDD INSTALLATION REFERENCE	652.0800* CONDUIT LOOP DETECTOR L.F.	655.0700* LOOP DETECTOR LEAD IN CABLE L.F.	655.0800* LOOP DETECTOR WIRE L.F.
11	PB18	220+83.7	0.9 LT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	72	113	227
12	PB18	221+11.7	0.8 LT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	66	113	208
31	PB21	221+89.2	118.1 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	114	343	359
32	PB21	221+88.5	90.1 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	108	343	340
42	PB2	221+73.5	104.0 LT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	68	42	214
43	PB2	221+73.5	76.0 LT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	72	42	227
51	PB8	222+85.6	1.1 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	82	227	258
52	PB8	222+57.6	1.2 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	72	227	227
71	PB2	221+87.2	104.0 LT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	94	42	296
72	PB2	221+87.4	76.0 LT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	94	42	296
82	PB21	222+3.0	105.2 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	66	343	208
83	PB21	222+2.7	77.2 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	80	343	252
							TOTAL	988	2220	3112

** LOCATION IS TO FRONT CENTER OF DETECTOR LOOP

* QUANTITY SHOWN ELSEWHERE ON PLAN

3

STATE FURNISHED MATERIALS SUMMARY - FOR INFORMATION ONLY

EACH	DESCRIPTION
1	OBSERVATION CAMERA

OBSERVATION CAMERA

LOCATION	SPV.0060.67 TRANSPORT AND INSTALL STATE FURNISHED OBSERVATION CAMERA EACH
STH 38 & PUETZ	1
TOTAL	1

3

3

REMOVING TRAFFIC SIGNALS

LOCATION	204.9060.S.07 REMOVING TRAFFIC SIGNALS EACH
STH 38 & FOREST HILL	1
TOTAL	1

CONDUIT

FROM	TO	652.0225* CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH L.F.
PB7	PB17	10
PB13	PB18	35
PB15	PB19	20
PB19	PB20	145
	TOTAL	210

* QUANTITY SHOWN ELSEWHERE ON PLAN

PULL BOXES

PULL BOX NO.	LOCATION STA	LOCATION OFFSET	653.0135* PULL BOXES STEEL 24x36-INCH EACH
PB17	261+78.8	94.9 RT	1
PB18	260+57.3	11.1 RT	1
PB19	261+14.8	107.6 LT	1
PB20	261+17.0	255.5 LT	1
TOTAL		TOTAL	4

* QUANTITY SHOWN ELSEWHERE ON PLAN

TRAFFIC DETECTOR LOOPS

LOOP NO.	HOME RUN PB	LOCATION** STA	LOCATION** OFFSET	SIZE (FT) X (FT)	NO. OF TURNS	PAVEMENT TYPE	SDD INSTALLATION REFERENCE	652.0800* CONDUIT LOOP DETECTOR L.F.	655.0700* LOOP DETECTOR LEAD IN CABLE L.F.	655.0800* LOOP DETECTOR WIRE L.F.
11	PB18	260+53.6	0.8 LT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	72	251	227
12	PB18	260+81.6	0.8 LT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	72	251	227
31	PB17	261+54.6	99.2 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	94	251	296
32	PB17	261+54.2	71.3 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	94	251	296
41	PB20	261+38.6	255.3 LT	6 X 6	4	ASPHALT	9F15-4B OPTION 2	62	278	260
42	PB19	261+26.8	108.8 LT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	72	131	227
43	PB19	261+26.9	80.8 LT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	72	131	227
44	PB19	261+37.8	108.8 LT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	92	131	290
45	PB19	261+37.9	80.8 LT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	92	131	290
51	PB5	262+46.4	1.1 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	88	114	277
52	PB5	262+18.4	1.1 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	74	114	233
71	PB19	261+50.3	108.6 LT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	114	131	359
72	PB19	261+50.4	80.6 LT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	114	131	359
82	PB17	261+66.1	98.9 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	74	251	233
83	PB17	261+65.6	71.0 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	74	251	233
84	PB17	261+78.2	71.5 RT	6 X 14	3	ASPHALT	9F15-4B OPTION 2	60	251	189
							TOTAL	1320	3049	4223

** LOCATION IS TO FRONT CENTER OF DETECTOR LOOP

* QUANTITY SHOWN ELSEWHERE ON PLAN

3

STATE FURNISHED MATERIALS SUMMARY - FOR INFORMATION ONLY

EACH	DESCRIPTION
1	TRAFFIC SIGNAL CONTROLLER

REMOVING TRAFFIC SIGNALS

LOCATION	204.9060.S.08 REMOVING TRAFFIC SIGNALS EACH
STH 38 & SUSAN	1
TOTAL	1

CONDUIT

FROM	TO	652.0225* CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH L.F.
PB2	PB19	25
PB7	PB20	15
PB10	PB21	10
	TOTAL	50

* QUANTITY SHOWN ELSEWHERE ON PLAN

PULL BOXES

PULL BOX NO.	LOCATION STA	OFFSET	653.0135* PULL BOXES STEEL 24x36-INCH EACH
PB19	276+68.0	93.2 RT	1
PB20	275+31.1	11.6 LT	1
PB21	276+10.2	122.3 LT	1
TOTAL		TOTAL	3

* QUANTITY SHOWN ELSEWHERE ON PLAN

TRAFFIC DETECTOR LOOPS

LOOP NO.	HOME RUN PB	LOCATION** STA	OFFSET	SIZE (FT) X (FT)	NO. OF TURNS	PAVEMENT TYPE	SDD INSTALLATION REFERENCE	652.0800* CONDUIT LOOP DETECTOR L.F.	655.0700* LOOP DETECTOR LEAD IN CABLE L.F.	655.0800* LOOP DETECTOR WIRE L.F.
11	PB20	275+27.2	11.4 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	92	271	290
12	PB20	275+55.2	11.2 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	92	271	290
13	PB20	275+27.2	0.5 LT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	70	271	221
14	PB20	275+55.2	0.8 LT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	70	271	221
31	PB19	276+46.4	97.8 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	90	76	284
32	PB19	276+45.5	69.8 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	90	76	284
41	PB21	276+20.6	126.4 LT	6 X 20	4	ASPHALT	9F15-4B OPTION 2	70	311	294
42	PB21	276+20.3	98.4 LT	6 X 20	4	ASPHALT	9F15-4B OPTION 2	68	311	286
51	PB16	277+50.7	1.3 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	94	101	296
52	PB16	277+22.7	1.5 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	80	101	252
71	PB21	276+33.2	125.9 LT	6 X 20	4	ASPHALT	9F15-4B OPTION 2	92	311	386
72	PB21	276+33.0	97.9 LT	6 X 20	4	ASPHALT	9F15-4B OPTION 2	92	311	386
73	PB21	276+45.3	125.8 LT	6 X 20	4	ASPHALT	9F15-4B OPTION 2	116	311	487
74	PB21	276+45.1	97.8 LT	6 X 20	4	ASPHALT	9F15-4B OPTION 2	116	311	487
81	PB19	276+58.0	97.5 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	68	76	214
82	PB19	276+57.1	69.6 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	68	76	214
							TOTAL	1368	3456	4891

** LOCATION IS TO FRONT CENTER OF DETECTOR LOOP

* QUANTITY SHOWN ELSEWHERE ON PLAN

STATE FURNISHED MATERIALS SUMMARY - FOR INFORMATION ONLY

EACH	DESCRIPTION
1	OBSERVATION CAMERA
1	TRAFFIC SIGNAL CONTROLLER

REMOVING TRAFFIC SIGNALS

204.9060.S.09
REMOVING TRAFFIC SIGNALS

LOCATION	EACH
STH 38 & DREXEL	1
TOTAL	1

STH 38 (S HOWELL AVE) & DREXEL AVE
ALL ITEMS CATEGORY 0010

3

TRAFFIC DETECTOR LOOPS

LOOP NO.	HOME RUN PB	LOCATION** STA	LOCATION** OFFSET	SIZE (FT) X (FT)	NO. OF TURNS	PAVEMENT TYPE	SDD INSTALLATION REFERENCE	652.0800* CONDUIT LOOP DETECTOR L.F.	655.0700* LOOP DETECTOR LEAD IN CABLE L.F.	655.0800* LOOP DETECTOR WIRE L.F.
11	PB5	286+81.3	11.6 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	94	124	296
12	PB5	287+09.3	11.3 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	94	124	296
13	PB5	286+81.3	0.5 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	76	124	239
14	PB5	287+09.4	0.3 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	70	124	221
31	PB20	117+37.8	28.3 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	88	97	277
32	PB24	117+09.8	28.9 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	88	98	277
33	PB20	117+38.0	39.3 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	66	97	208
34	PB24	117+10.0	39.9 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	66	98	208
42	PB23	114+87.3	70.7 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	92	271	290
43	PB7	115+15.2	71.1RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	92	266	290
44	PB23	114+87.5	59.7 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	114	271	359
45	PB7	115+15.5	60.1 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	114	266	359
46	PB23	114+86.9	83.7 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	70	271	221
47	PB7	115+14.9	84.1 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	70	266	221
51	PB15	289+23.8	11.4 LT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	92	296	290
52	PB15	288+95.8	11.2 LT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	92	296	290
53	PB15	289+23.5	0.3 LT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	70	296	221
54	PB15	288+95.6	CL	6 X 20	3	ASPHALT	9F15-4B OPTION 2	70	296	221
71	PB9	114+87.5	48.5 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	92	334	290
72	PB9	115+15.6	49.0 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	92	334	290
73	PB9	114+87.7	37.5 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	74	334	233
74	PB9	115+15.9	38.0 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	70	334	221
82	PB18	117+37.4	6.3 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	92	160	290
83	PB18	117+09.4	6.9 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	92	160	290
84	PB20	117+37.6	17.3 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	110	97	347
85	PB24	117+09.6	17.9 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	110	98	347
86	PB18	117+37.1	4.7 LT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	72	160	227
87	PB18	117+09.1	4.1 LT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	70	160	221
							TOTAL	2392	5852	7535

** LOCATION IS TO FRONT CENTER OF DETECTOR LOOP

* QUANTITY SHOWN ELSEWHERE ON PLAN

CONDUIT

652.0225*
CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH

FROM	TO	L.F.
PB7	PB22	5
PB15	PB23	10
PB20	PB24	5
	TOTAL	20

* QUANTITY SHOWN ELSEWHERE ON PLAN

PULL BOXES

653.0135*
PULL BOXES STEEL 24x36-INCH

PULL BOX NO.	LOCATION STA	LOCATION OFFSET	EACH
PB22	287+43.6	123.6 LT	1
PB23	289+19.1	10.6 RT	1
PB24	287+92.2	117.8 RT	1
TOTAL		TOTAL	3

* QUANTITY SHOWN ELSEWHERE ON PLAN

OBSERVATION CAMERA

SPV.0060.68
TRANSPORT AND INSTALL STATE FURNISHED OBSERVATION CAMERA

LOCATION	EACH
STH 38 & DREXEL	1
TOTAL	1

3

3

STATE FURNISHED MATERIALS SUMMARY - FOR INFORMATION ONLY

EACH	DESCRIPTION
1	OBSERVATION CAMERA
1	TRAFFIC SIGNAL CONTROLLER
1	DETECTOR RACK

CONDUIT

FROM	TO	652.0225* CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH L.F.
PB11	PB28	10
PB11	PB29	210
PB12	PB30	20
PB25	PB31	10
PB26	PB32	5
	TOTAL	255

* QUANTITY SHOWN ELSEWHERE ON PLAN

REMOVING TRAFFIC SIGNALS

LOCATION	204.9060.S.10 REMOVING TRAFFIC SIGNALS EACH
STH 38 & RAWSON	1
TOTAL	1

PULL BOXES

PULL BOX NO.	LOCATION STA	OFFSET	653.0135* PULL BOXES STEEL 24x36-INCH EACH
PB28	339+81.5	108.0 LT	1
PB29	113+35.7	91.8 RT	1
PB30	340+32.8	99.8 LT	1
PB31	117+62.5	17.7 LT	1
PB32	117+74.2	47.7 RT	1
TOTAL		TOTAL	5

* QUANTITY SHOWN ELSEWHERE ON PLAN

OBSERVATION CAMERA

LOCATION	SPV.0060.69 TRANSPORT AND INSTALL STATE FURNISHED OBSERVATION CAMERA EACH
STH 38 & RAWSON	1
TOTAL	1

3

3

TRAFFIC DETECTOR LOOPS

LOOP NO.	HOME RUN PB	LOCATION** STA	LOCATION** OFFSET	SIZE (FT) X (FT)	NO. OF TURNS	PAVEMENT TYPE	SDD INSTALLATION REFERENCE	652.0800* CONDUIT LOOP DETECTOR L.F.	655.0700* LOOP DETECTOR LEAD IN CABLE L.F.	655.0800* LOOP DETECTOR WIRE L.F.
11	PB8	339+83.1	6.3 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	90	206	284
12	PB8	340+11.2	6.2 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	76	206	239
13	PB8	339+76.1	5.1 LT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	122	206	384
14	PB8	340+04.1	5.3 LT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	104	206	328
31	PB32	117+76.5	27.4 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	86	89	271
32	PB32	117+48.4	27.8 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	86	89	271
33	PB32	117+76.7	37.5 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	66	89	208
34	PB32	117+48.7	37.9 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	68	89	214
41	PB29	113+35.8	79.9 RT	6 X 10	5	ASPHALT	9F15-4B OPTION 2	46	520	242
42	PB29	113+36.0	68.8 RT	6 X 10	5	ASPHALT	9F15-4B OPTION 2	68	372	357
43	PB29	113+36.1	57.8 RT	6 X 10	5	ASPHALT	9F15-4B OPTION 2	90	372	473
44	PB30	115+56.3	70.3 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	96	520	302
45	PB30	115+84.3	70.5 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	96	372	302
46	PB30	115+56.8	58.4 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	120	372	378
47	PB30	115+84.8	58.7 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	120	372	378
48	PB28	339+94.9	108.9 LT	6 X 20	4	ASPHALT	9F15-4B OPTION 2	70	520	294
49	PB28	339+87.4	81.9 LT	6 X 20	4	ASPHALT	9F15-4B OPTION 2	74	319	311
410	PB28	340+07.0	105.2 LT	6 X 20	4	ASPHALT	9F15-4B OPTION 2	72	319	302
411	PB28	339+99.5	78.2 LT	6 X 20	4	ASPHALT	9F15-4B OPTION 2	98	319	412
51	PB21	342+09.5	6.2 LT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	94	273	296
52	PB21	341+81.5	6.0 LT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	94	273	296
53	PB21	342+09.9	5.9 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	74	273	233
54	PB21	341+81.9	6.1 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	68	273	214
71	PB13	115+35.3	46.9 RT	6 X 20	4	ASPHALT	9F15-4B OPTION 2	86	423	361
72	PB13	115+63.4	47.1 RT	6 X 20	4	ASPHALT	9F15-4B OPTION 2	88	423	370
73	PB13	115+35.5	37.9 RT	6 X 20	4	ASPHALT	9F15-4B OPTION 2	64	423	269
74	PB13	115+63.5	38.1 RT	6 X 20	4	ASPHALT	9F15-4B OPTION 2	72	423	302
82	PB31	117+67.9	6.7 LT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	72	158	227
83	PB31	117+39.9	6.6 LT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	72	158	227
84	PB31	117+67.7	5.6 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	96	158	302
85	PB31	117+39.7	5.7 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	96	158	302
86	PB31	117+67.6	16.9 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	118	158	372
87	PB31	117+39.6	17.0 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	118	158	372
							TOTAL	2860	9289	10093

** LOCATION IS TO FRONT CENTER OF DETECTOR LOOP

* QUANTITY SHOWN ELSEWHERE ON PLAN

3

STATE FURNISHED MATERIALS SUMMARY - FOR INFORMATION ONLY

EACH	DESCRIPTION
1	OBSERVATION CAMERA

REMOVING TRAFFIC SIGNALS

LOCATION	204.9060.S.11 REMOVING TRAFFIC SIGNALS EACH
STH 38 & COLLEGE	1
TOTAL	1

CONDUIT

FROM	TO	652.0225* CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH L.F.
PB7	PB21	5
PB16	PB22	15
	TOTAL	20

* QUANTITY SHOWN ELSEWHERE ON PLAN

TRAFFIC DETECTOR LOOPS

LOOP NO.	HOME RUN PB	LOCATION** STA	LOCATION** OFFSET	SIZE (FT) X (FT)	NO. OF TURNS	PAVEMENT TYPE	SDD INSTALLATION REFERENCE	652.0800* CONDUIT LOOP DETECTOR L.F.	655.0700* LOOP DETECTOR LEAD IN CABLE L.F.	655.0800* LOOP DETECTOR WIRE L.F.
11	PB4	392+80.1	2.6 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	92	112	290
12	PB4	393+08.1	2.6 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	78	112	246
31	PB22	118+90.4	1.0 LT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	134	157	422
32	PB22	118+62.6	1.1 LT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	134	157	422
46	PB21	116+85.6	43.7 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	68	207	214
47	PB21	117+13.6	43.5 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	68	207	214
42	PB21	116+86.4	30.3 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	88	207	277
43	PB21	117+14.3	30.1 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	92	207	290
44	PB21	116+88.0	18.6 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	112	207	353
45	PB21	117+16.0	18.3 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	114	207	359
51	PB14	394+86.1	2.8 LT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	68	230	214
52	PB14	394+58.3	2.5 LT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	72	230	227
71	PB9	116+91.2	4.4 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	72	265	227
72	PB9	117+19.2	4.2 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	72	265	227
82	PB22	118+90.0	29.9 LT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	76	158	239
83	PB22	118+62.0	29.7 LT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	76	158	239
84	PB22	118+90.3	16.7 LT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	102	158	321
85	PB22	118+62.3	16.5 LT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	102	158	321
							TOTAL	1620	3402	5103

** LOCATION IS TO FRONT CENTER OF DETECTOR LOOP

* QUANTITY SHOWN ELSEWHERE ON PLAN

PULL BOXES

PULL BOX NO.	LOCATION STA	LOCATION OFFSET	653.0135* PULL BOXES STEEL 24x36-INCH EACH
PB22	393+31.8	87.0 LT	1
PB21	394+49.7	97.2 RT	1
TOTAL		TOTAL	2

* QUANTITY SHOWN ELSEWHERE ON PLAN

OBSERVATION CAMERA

LOCATION	SPV.0060.70 TRANSPORT AND INSTALL STATE FURNISHED OBSERVATION CAMERA EACH
STH 38 & COLLEGE	1
TOTAL	1

3

3

STATE FURNISHED MATERIALS SUMMARY - FOR INFORMATION ONLY

EACH	DESCRIPTION
1	TRAFFIC SIGNAL CONTROLLER

REMOVING TRAFFIC SIGNALS

LOCATION	204.9060.S.12 REMOVING TRAFFIC SIGNALS EACH
STH 38 & STH 119 RAMPS	1
TOTAL	1

CONDUIT

FROM	TO	652.0225* CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH L.F.	652.0605* CONDUIT SPECIAL 2-INCH L.F.
PB5	PB15	--	210
PB9	PB16	--	45
PB16	PB17	200	--
	TOTAL	200	255

* QUANTITY SHOWN ELSEWHERE ON PLAN

PULL BOXES

PULL BOX NO.	LOCATION STA	LOCATION OFFSET	653.0135* PULL BOXES STEEL 24x36-INCH EACH	653.0140* PULL BOXES STEEL 24x42-INCH EACH
PB15	454+60.9	56.0 LT	--	1
PB16	450+74.8	107.4 RT	--	1
PB17	448+83.8	56.3 RT	1	--
TOTAL		TOTAL	1	2

* QUANTITY SHOWN ELSEWHERE ON PLAN

TRAFFIC DETECTOR LOOPS

LOOP NO.	HOME RUN PB	LOCATION** STA	LOCATION** OFFSET	SIZE (FT) X (FT)	NO. OF TURNS	PAVEMENT TYPE	SDD INSTALLATION REFERENCE	652.0800* CONDUIT LOOP DETECTOR L.F.	655.0700* LOOP DETECTOR LEAD IN CABLE L.F.	655.0800* LOOP DETECTOR WIRE L.F.
11	PB10	451+00.7	0.4 LT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	72	142	227
12	PB10	451+28.6	0.2 LT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	84	142	265
21	PB14	454+61.0	44.0 LT	6 X 6	5	ASPHALT	9F15-4B OPTION 2	42	406	221
22	PB14	454+61.0	33.0 LT	6 X 6	5	ASPHALT	9F15-4B OPTION 2	64	406	336
23	PB14	454+61.0	22.0 LT	6 X 6	5	ASPHALT	9F15-4B OPTION 2	86	406	452
51	PB7	452+47.0	0.6 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	74	262	233
52	PB7	452+19.0	0.6 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	86	262	271
61	PB16	448+83.8	45.4 RT	6 X 8	5	ASPHALT	9F15-4B OPTION 2	44	446	231
62	PB16	448+83.8	34.4 RT	6 X 8	5	ASPHALT	9F15-4B OPTION 2	66	446	347
63	PB16	448+83.8	23.4 RT	6 X 8	5	ASPHALT	9F15-4B OPTION 2	88	446	462
							TOTAL	706	3364	3043

** LOCATION IS TO FRONT CENTER OF DETECTOR LOOP

* QUANTITY SHOWN ELSEWHERE ON PLAN

3

STATE FURNISHED MATERIALS SUMMARY - FOR INFORMATION ONLY

EACH	DESCRIPTION
1	TRAFFIC SIGNAL CONTROLLER

REMOVING TRAFFIC SIGNALS

LOCATION	204.9060.S.13 REMOVING TRAFFIC SIGNALS EACH
STH 38 & GRANGE	1
TOTAL	1

CONDUIT

FROM	TO	652.0225* CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH L.F.	652.0605* CONDUIT SPECIAL 2-INCH L.F.
PB2	PB17	15	--
PB12	PB18	--	215
	TOTAL	15	215

* QUANTITY SHOWN ELSEWHERE ON PLAN

PULL BOXES

PULL BOX NO.	LOCATION STA	OFFSET	653.0135* PULL BOXES STEEL 24x36-INCH EACH	653.0140* PULL BOXES STEEL 24x42-INCH EACH
PB17	459+7.9	85.0 RT	1	--
PB18	461+88.1	61.3 LT	--	1
TOTAL		TOTAL	1	1

* QUANTITY SHOWN ELSEWHERE ON PLAN

TRAFFIC DETECTOR LOOPS

LOOP NO.	HOME RUN PB	LOCATION** STA	OFFSET	SIZE (FT) X (FT)	NO. OF TURNS	PAVEMENT TYPE	SDD INSTALLATION REFERENCE	652.0800* CONDUIT LOOP DETECTOR L.F.	655.0700* LOOP DETECTOR LEAD IN CABLE L.F.	655.0800* LOOP DETECTOR WIRE L.F.
11	PB5	457+87.7	8.3 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	76	250	239
12	PB5	458+15.7	8.2 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	70	250	221
21	PB18	461+78.2	40.7 LT	6 X 6	5	ASPHALT	9F15-4B OPTION 2	60	381	315
22	PB18	461+78.2	29.7 LT	6 X 6	5	ASPHALT	9F15-4B OPTION 2	82	381	431
23	PB18	461+78.2	18.7 LT	6 X 6	5	ASPHALT	9F15-4B OPTION 2	104	381	546
31	PB17	458+96.8	88.6 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	70	88	221
32	PB17	458+89.3	61.6 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	74	88	233
42	PB9	458+41.6	117.1 LT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	90	291	284
43	PB9	458+42.8	89.1 LT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	90	291	284
44	PB9	458+54.2	117.6 LT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	66	291	208
45	PB9	458+55.3	89.7 LT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	68	291	214
72	PB17	458+84.1	88.7 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	94	88	296
73	PB17	458+76.6	61.7 RT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	100	88	315
81	PB7	458+28.7	116.6 LT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	72	337	227
82	PB7	458+29.8	88.6 LT	6 X 20	3	ASPHALT	9F15-4B OPTION 2	68	337	214
							TOTAL	1184	3833	4246

** LOCATION IS TO FRONT CENTER OF DETECTOR LOOP

* QUANTITY SHOWN ELSEWHERE ON PLAN

3

RECTANGULAR RAPID FLASH BEACON (RRFB) SYSTEMS

CATEGORY	ROADWAY	INTERSECTION	SPV.0060.12 MOVING (RRFB) SYSTEM STH 38 AT OAKCREEK PKWAY NORTHBOUND EACH	SPV.0060.13 MOVING (RRFB) SYSTEM STH 38 AT OAKCREEK PKWAY NORTHBOUND MEDIAN BACK TO BACK EACH	SPV.0060.14 MOVING (RRFB) SYSTEM STH 38 AT OAKCREEK PKWAY SOUTHBOUND EACH	SPV.0060.15 MOVING (RRFB) SYSTEM STH 38 AT GROVELAND DRIVE NORTHBOUND EAST EACH	SPV.0060.16 MOVING (RRFB) SYSTEM STH 38 AT GROVELAND DRIVE NORTHBOUND EAST MEDIAN BACK TO BACK EACH	SPV.0060.17 MOVING (RRFB) SYSTEM STH 38 AT GROVELAND DRIVE NORTHBOUND WEST EACH	SPV.0060.18 MOVING (RRFB) SYSTEM STH 38 AT GROVELAND DRIVE SOUTHBOUND WEST EACH	SPV.0060.19 MOVING (RRFB) SYSTEM STH 38 AT GROVELAND DRIVE SOUTHBOUND EAST EACH	SPV.0060.20 MOVING (RRFB) SYSTEM STH 38 AT GROVELAND DRIVE NORTHBOUND WEST MEDIAN BACK TO BACK EACH
0010											
	STH 38	OAK CREEK PKWY	1	--	--	--	--	--	--	--	--
		OAK CREEK PKWY	--	1	--	--	--	--	--	--	--
		OAK CREEK PKWY	--	--	1	--	--	--	--	--	--
		GROVELAND DRIVE	--	--	--	1	--	--	--	--	--
		GROVELAND DRIVE	--	--	--	--	1	--	--	--	--
		GROVELAND DRIVE	--	--	--	--	--	1	--	--	--
		GROVELAND DRIVE	--	--	--	--	--	--	1	--	--
		GROVELAND DRIVE	--	--	--	--	--	--	--	1	--
		GROVELAND DRIVE	--	--	--	--	--	--	--	--	1
	TOTAL		1	1	1	1	1	1	1	1	1

NOTES:

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PURPOSE OF ALL TLE IS FOR GRADING, UNLESS OTHERWISE NOTED.

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), MILWAUKEE COUNTY, NAD 83 (2011) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

EXISTING HIGHWAY RIGHT OF WAY FOR HOWELL AVE (STH 38) ESTABLISHED FROM PROJECT NO. 2060-15-21, 2060-05-20, CSM 5002, AND QUIT CLAIM DEED DOC 10369482.

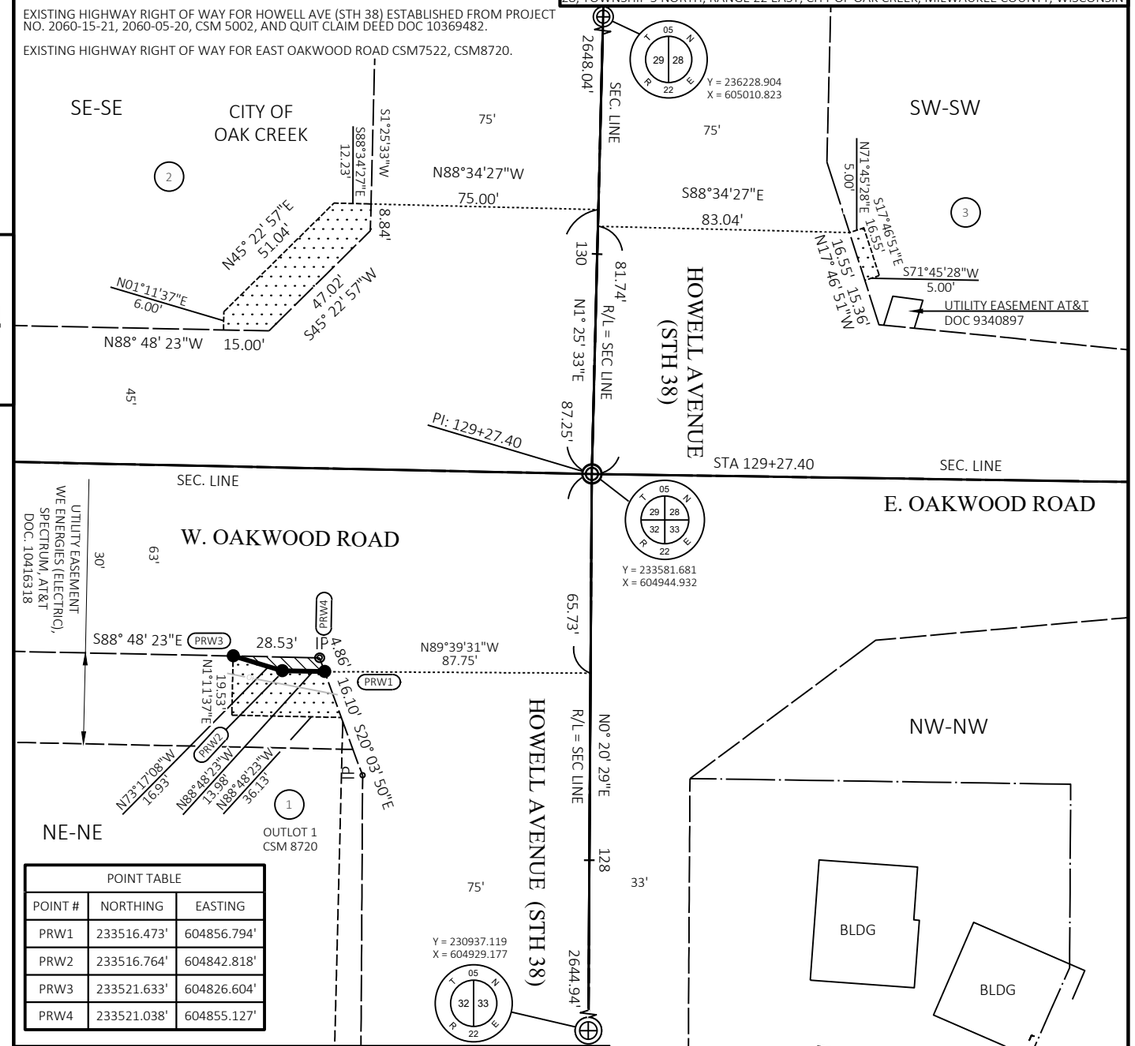
EXISTING HIGHWAY RIGHT OF WAY FOR EAST OAKWOOD ROAD CSM7522, CSM8720.

R/W PROJECT NUMBER: 2060-20-20	SHEET NUMBER: 4.01

RIGHT-OF-WAY ACQUISITION EXHIBIT
HOWELL AVENUE (STH 38)
OAKWOOD ROAD TO GRANGE AVENUE

STH 38 MILWAUKEE COUNTY

NORTHEAST 1/4 OF THE NORTHEAST 1/4 OF SECTION 32 AND THE SOUTHEAST 1/4 OF THE SOUTHEAST 1/4 OF SECTION 29 AND THE SOUTHWEST 1/4 OF THE SOUTHWEST 1/4 OF SECTION 28, TOWNSHIP 5 NORTH, RANGE 22 EAST, CITY OF OAK CREEK, MILWAUKEE COUNTY, WISCONSIN



POINT TABLE		
POINT #	NORTHING	EASTING
PRW1	233516.473'	604856.794'
PRW2	233516.764'	604842.818'
PRW3	233521.633'	604826.604'
PRW4	233521.038'	604855.127'

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	FEE S.F.	TLE S.F.
1	WISPARK, LLC	FEE	96	---
1	WISPARK, LLC	TLE	---	535
2	BCORE CORRIDOR OAK CREEK LLC	TLE	---	831
3	MICJENSAR REALTY WISCONSIN LIMITED PARTNERSHIP	TLE	---	83

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
100	AT&T WISCONSIN	RELEASE OF RIGHTS
102	WE ENERGIES (ELECTRIC)	RELEASE OF RIGHTS
105	SPECTRUM	RELEASE OF RIGHTS

EXISTING UTILITY EASEMENTS

(100) AT&T WISCONSIN
DOC 10416318 - P1

(102) WE ENERGIES (ELECTRIC)
DOC 10416318 - P1
DOC 1658563 - P1
DOC 1397861 - P1, P2
DOC 1397860 - P2

(105) SPECTRUM
DOC 10416318 - P1

REV 01/08/2026
REV 04/25/2025
REV 03/24/2025

THIS MAP IS APPROVED FOR THE DEPARTMENT OF TRANSPORTATION SOUTHEAST REGION, WAUKESHA

SIGNATURE: Robert A Duffeck DATE: 12/10/24

PRINT NAME: ROBERT DUFFECK

FILE NAME : 2060-20-00_040101_RP.DWG PLOT DATE : 1/19/2026 11:30 AM R/W PROJECT: 2060-20-20

4

NOTES:
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POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), MILWAUKEE COUNTY, NAD 83 (2011) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

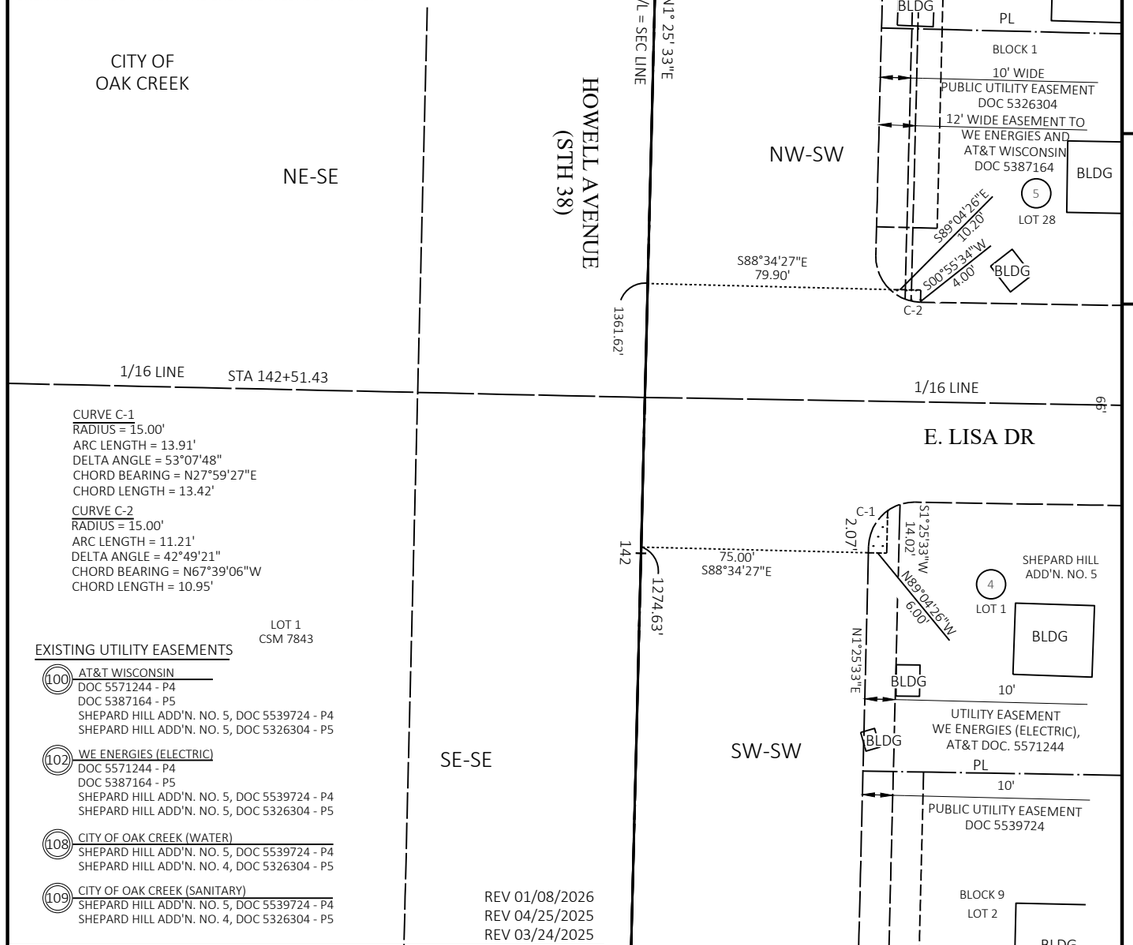
EXISTING HIGHWAY RIGHT OF WAY FOR HOWELL AVE (STH 38) ESTABLISHED FROM PROJECT NO. 2060-15-21 AND CSM 5002.
EXISTING HIGHWAY RIGHT-OF-WAY FOR E. LISA DR. ESTABLISHED FROM PLATS OF SHEPARD HILL ADD'N. NO. 4 AND SHEPARD HILL ADD'N NO. 5.

R/W PROJECT NUMBER: 2060-20-20	SHEET NUMBER: 4.02

RIGHT-OF-WAY ACQUISITION EXHIBIT
HOWELL AVENUE (STH 38)
OAKWOOD ROAD TO GRANGE AVENUE

STH 38 MILWAUKEE COUNTY

THE NORTHWEST 1/4 OF THE SOUTHWEST 1/4 AND THE SOUTHWEST 1/4 OF THE NORTHWEST 1/4 OF SECTION 28, TOWNSHIP 5 NORTH, RANGE 22 EAST, CITY OF OAK CREEK, MILWAUKEE COUNTY, WISCONSIN



CURVE C-1
RADIUS = 15.00'
ARC LENGTH = 13.91'
DELTA ANGLE = 53°07'48"
CHORD BEARING = N27°59'27"E
CHORD LENGTH = 13.42'

CURVE C-2
RADIUS = 15.00'
ARC LENGTH = 11.21'
DELTA ANGLE = 42°49'21"
CHORD BEARING = N67°39'06"W
CHORD LENGTH = 10.95'

EXISTING UTILITY EASEMENTS

(100) AT&T WISCONSIN
DOC 5571244 - P4
DOC 5387164 - P5
SHEPARD HILL ADD'N. NO. 5, DOC 5539724 - P4
SHEPARD HILL ADD'N. NO. 5, DOC 5326304 - P5

(102) WE ENERGIES (ELECTRIC)
DOC 5571244 - P4
DOC 5387164 - P5
SHEPARD HILL ADD'N. NO. 5, DOC 5539724 - P4
SHEPARD HILL ADD'N. NO. 5, DOC 5326304 - P5

(108) CITY OF OAK CREEK (WATER)
SHEPARD HILL ADD'N. NO. 5, DOC 5539724 - P4
SHEPARD HILL ADD'N. NO. 4, DOC 5326304 - P5

(109) CITY OF OAK CREEK (SANITARY)
SHEPARD HILL ADD'N. NO. 5, DOC 5539724 - P4
SHEPARD HILL ADD'N. NO. 4, DOC 5326304 - P5

REV 01/08/2026
REV 04/25/2025
REV 03/24/2025

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	TLE S.F.
4	TIMOTHY SCHABO	TLE	63
5	THOMAS M. MALECKI AND JUDY A. MALECKI	TLE	28
6	REMOVED	---	---

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
100	AT&T WISCONSIN	RELEASE OF RIGHTS
102	WE ENERGIES (ELECTRIC)	RELEASE OF RIGHTS
108	CITY OF OAK CREEK (WATER)	RELEASE OF RIGHTS
109	CITY OF OAK CREEK (SANITARY)	RELEASE OF RIGHTS

FILE NAME : 2060-20-00_040101_RP.DWG PLOT DATE : 1/19/2026 11:30 AM R/W PROJECT: 2060-20-20

4

4

NOTES:
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POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), MILWAUKEE COUNTY, NAD 83 (2011) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

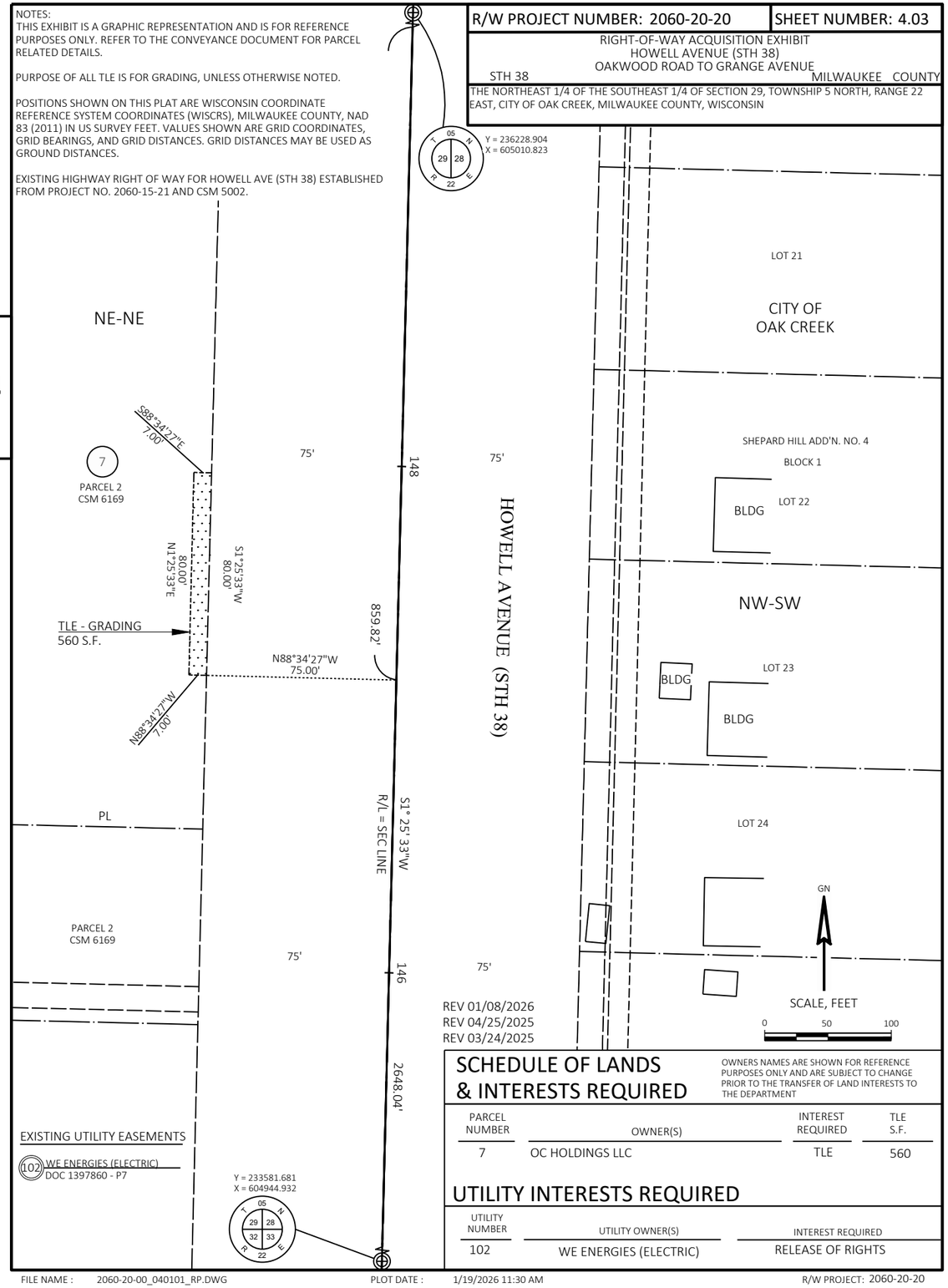
EXISTING HIGHWAY RIGHT OF WAY FOR HOWELL AVE (STH 38) ESTABLISHED FROM PROJECT NO. 2060-15-21 AND CSM 5002.

R/W PROJECT NUMBER: 2060-20-20 | **SHEET NUMBER: 4.03**

RIGHT-OF-WAY ACQUISITION EXHIBIT
HOWELL AVENUE (STH 38)
OAKWOOD ROAD TO GRANGE AVENUE

STH 38 MILWAUKEE COUNTY

THE NORTHEAST 1/4 OF THE SOUTHEAST 1/4 OF SECTION 29, TOWNSHIP 5 NORTH, RANGE 22 EAST, CITY OF OAK CREEK, MILWAUKEE COUNTY, WISCONSIN



REV 01/08/2026
REV 04/25/2025
REV 03/24/2025

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	TLE S.F.
7	OC HOLDINGS LLC	TLE	560

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
102	WE ENERGIES (ELECTRIC)	RELEASE OF RIGHTS

FILE NAME : 2060-20-00_040101_RP.DWG PLOT DATE : 1/19/2026 11:30 AM R/W PROJECT: 2060-20-20

4

NOTES:
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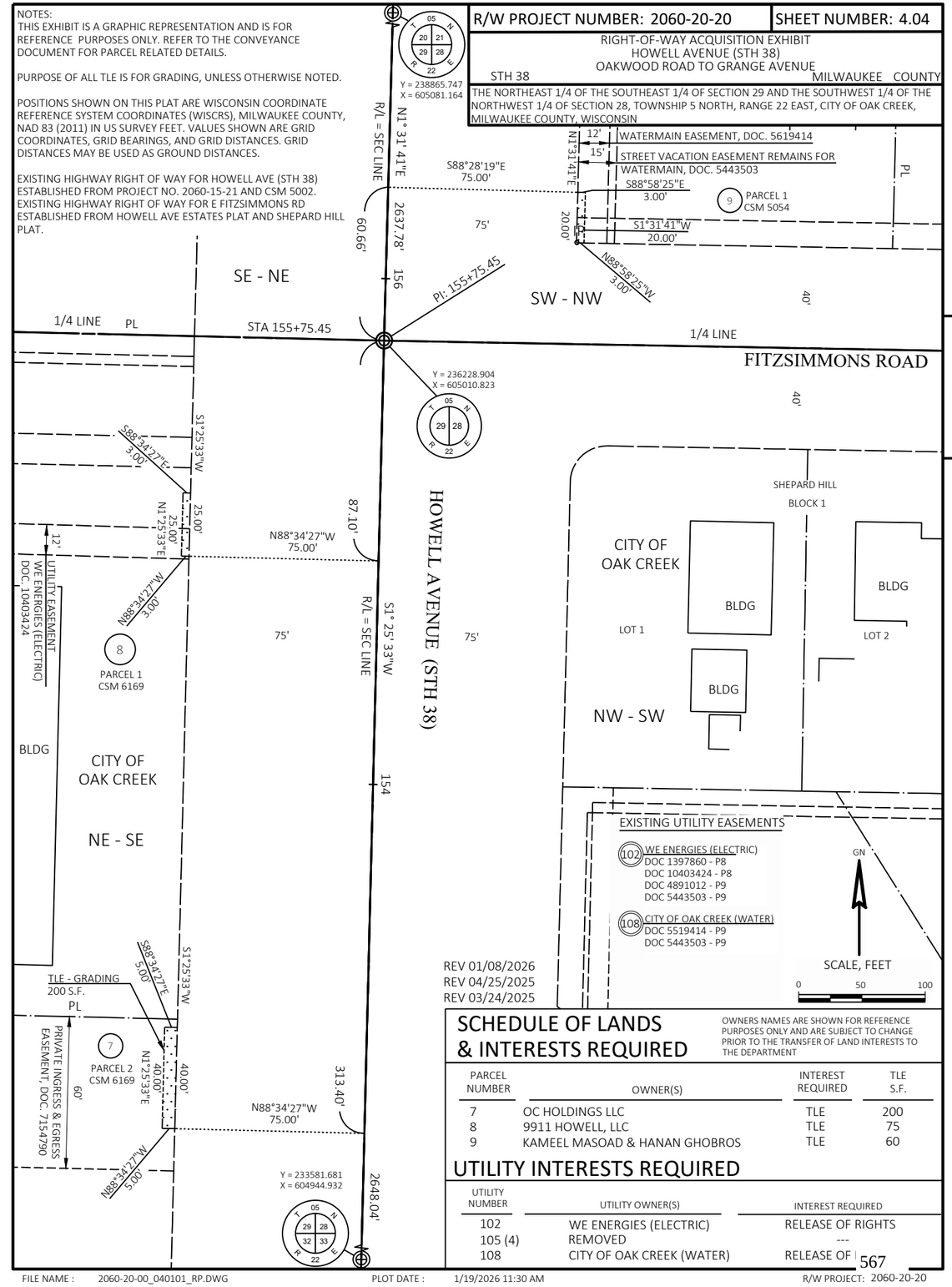
EXISTING HIGHWAY RIGHT OF WAY FOR HOWELL AVE (STH 38) ESTABLISHED FROM PROJECT NO. 2060-15-21 AND CSM 5002.
EXISTING HIGHWAY RIGHT OF WAY FOR E FITZSIMMONS RD ESTABLISHED FROM HOWELL AVE ESTATES PLAT AND SHEPARD HILL PLAT.

R/W PROJECT NUMBER: 2060-20-20 | **SHEET NUMBER: 4.04**

RIGHT-OF-WAY ACQUISITION EXHIBIT
HOWELL AVENUE (STH 38)
OAKWOOD ROAD TO GRANGE AVENUE

STH 38 MILWAUKEE COUNTY

THE NORTHEAST 1/4 OF THE SOUTHEAST 1/4 OF SECTION 29 AND THE SOUTHWEST 1/4 OF THE NORTHWEST 1/4 OF SECTION 28, TOWNSHIP 5 NORTH, RANGE 22 EAST, CITY OF OAK CREEK, MILWAUKEE COUNTY, WISCONSIN



REV 01/08/2026
REV 04/25/2025
REV 03/24/2025

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	TLE S.F.
7	OC HOLDINGS LLC	TLE	200
8	9911 HOWELL, LLC	TLE	75
9	KAMEEL MASOAD & HANAN GHOBROS	TLE	60

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
102	WE ENERGIES (ELECTRIC)	RELEASE OF RIGHTS
105 (4)	REMOVED	---
108	CITY OF OAK CREEK (WATER)	RELEASE OF

FILE NAME : 2060-20-00_040101_RP.DWG PLOT DATE : 1/19/2026 11:30 AM R/W PROJECT: 2060-20-20

NOTES:
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EXISTING HIGHWAY RIGHT OF WAY FOR HOWELL AVE (STH 38) ESTABLISHED FROM PLAT OF HOWELL AVE. ESTATES AND PROJECT NO. 2060-15-21. EXISTING HIGHWAY RIGHT OF WAY FOR E. ESTATES PL. ESTABLISHED FROM PLAT OF HOWELL AVE. ESTATES. EXISTING HIGHWAY RIGHT OF WAY FOR W. SUMMERVILLE PL. ESTABLISHED FROM CSM 5828

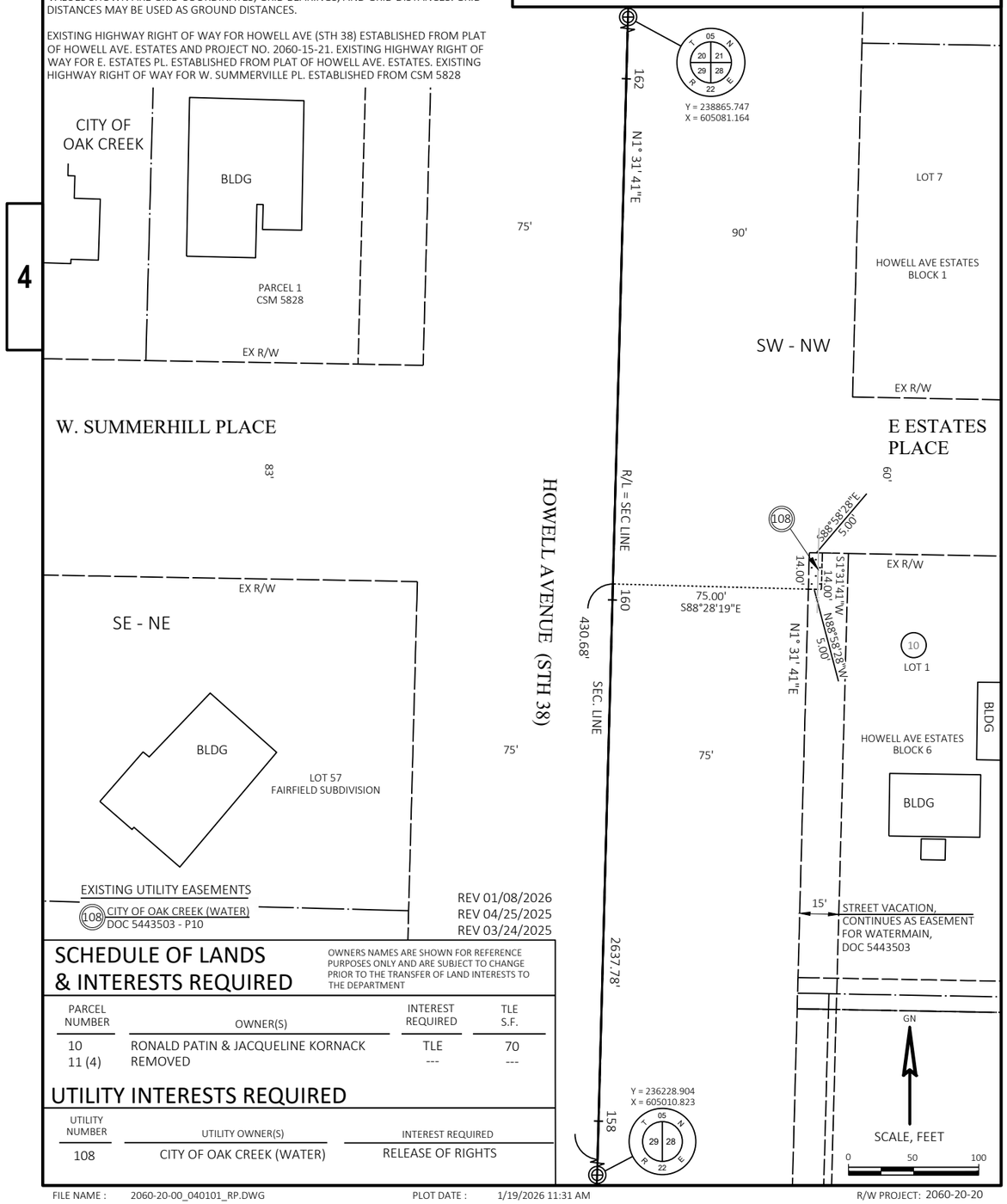
R/W PROJECT NUMBER: 2060-20-20 | **SHEET NUMBER: 4.05**

RIGHT-OF-WAY ACQUISITION EXHIBIT
HOWELL AVENUE (STH 38)
OAKWOOD ROAD TO GRANGE AVENUE

STH 38 MILWAUKEE COUNTY

THE SOUTHWEST 1/4 OF THE NORTHWEST 1/4 OF SECTION 28, TOWNSHIP 5 NORTH, RANGE 22 EAST, CITY OF OAK CREEK, MILWAUKEE COUNTY, WISCONSIN

4



REV 01/08/2026
REV 04/25/2025
REV 03/24/2025

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	TLE S.F.
10	RONALD PATIN & JACQUELINE KORNACK	TLE	70
11 (4)	REMOVED	---	---

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
108	CITY OF OAK CREEK (WATER)	RELEASE OF RIGHTS

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EXISTING HIGHWAY RIGHT OF WAY FOR HOWELL AVE (STH 38) ESTABLISHED FROM PLAT OF RYAN OAKS AND PROJECT NO. 2060-15-21.

EXISTING HIGHWAY RIGHT OF WAY FOR E. FAIRFIELD DR. ESTABLISHED FROM PLAT OF RYAN OAKS. EXISTING HIGHWAY RIGH OF WAY FOR W. FAIRFIELD DR.. ESTABLISHED FROM CSM 5355.

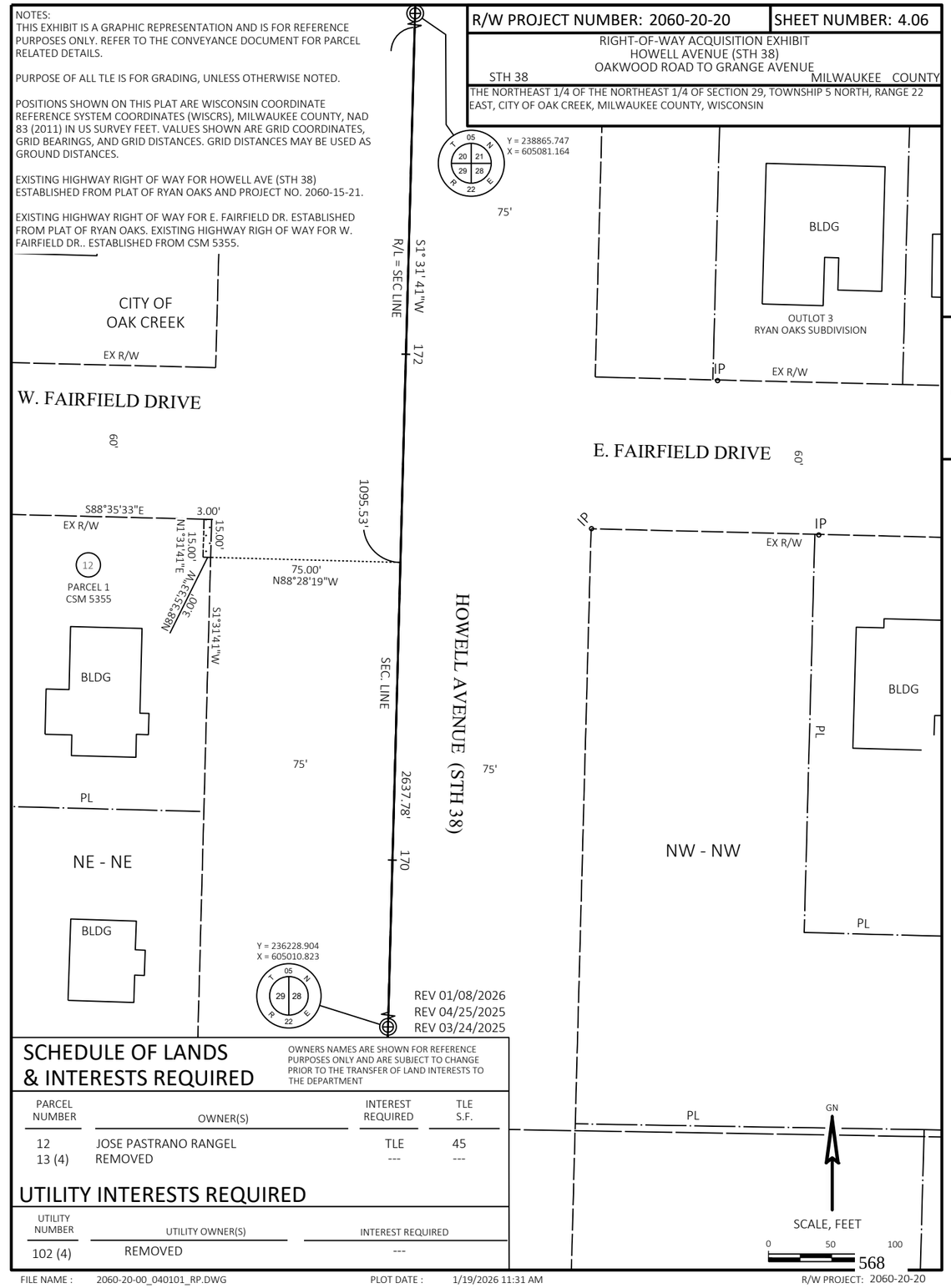
R/W PROJECT NUMBER: 2060-20-20 | **SHEET NUMBER: 4.06**

RIGHT-OF-WAY ACQUISITION EXHIBIT
HOWELL AVENUE (STH 38)
OAKWOOD ROAD TO GRANGE AVENUE

STH 38 MILWAUKEE COUNTY

THE NORTHEAST 1/4 OF THE NORTHEAST 1/4 OF SECTION 29, TOWNSHIP 5 NORTH, RANGE 22 EAST, CITY OF OAK CREEK, MILWAUKEE COUNTY, WISCONSIN

4



REV 01/08/2026
REV 04/25/2025
REV 03/24/2025

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	TLE S.F.
12	JOSE PASTRANO RANGEL	TLE	45
13 (4)	REMOVED	---	---

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
102 (4)	REMOVED	---

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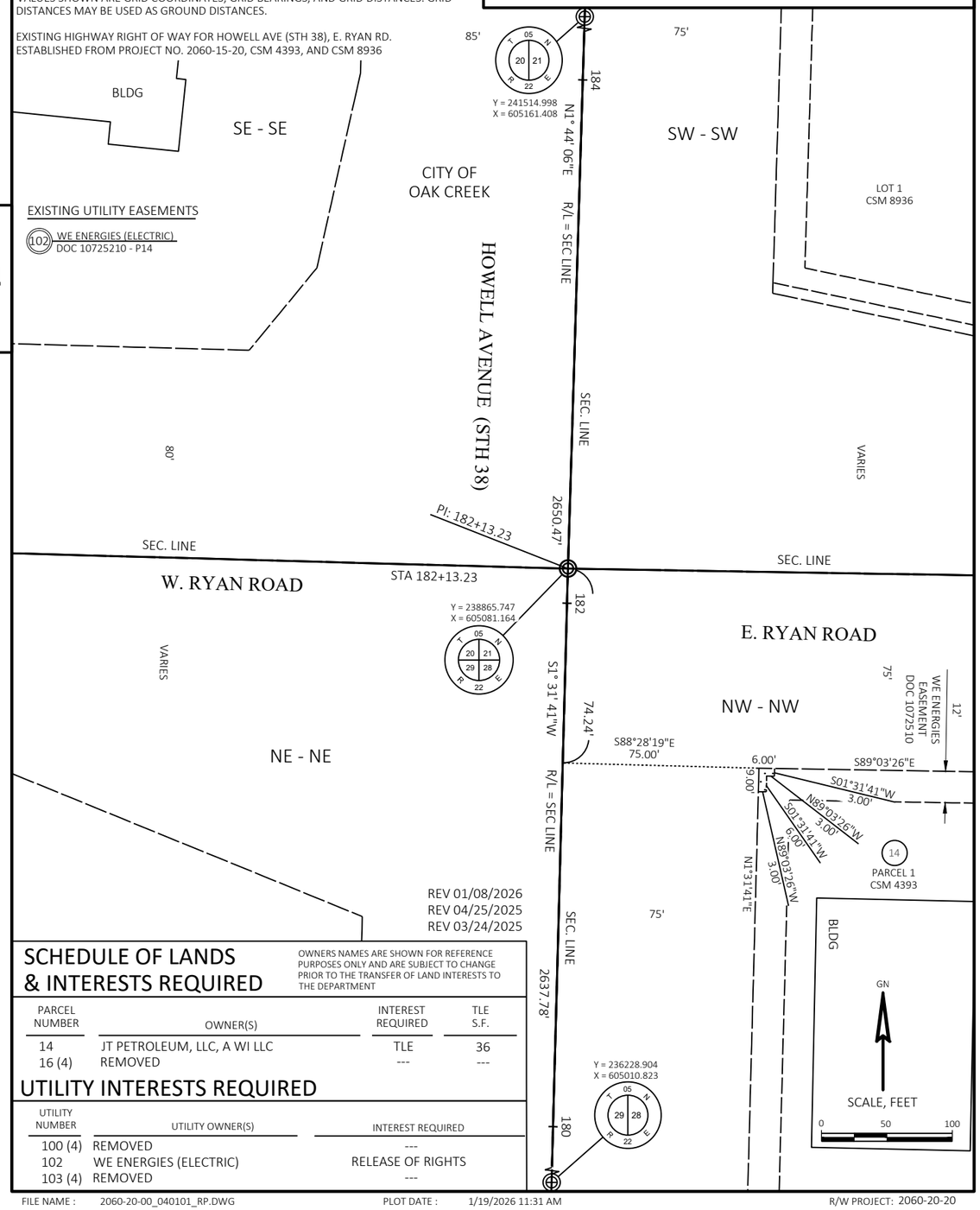
EXISTING HIGHWAY RIGHT OF WAY FOR HOWELL AVE (STH 38), E. RYAN RD. ESTABLISHED FROM PROJECT NO. 2060-15-20, CSM 4393, AND CSM 8936

R/W PROJECT NUMBER: 2060-20-20	SHEET NUMBER: 4.07

RIGHT-OF-WAY ACQUISITION EXHIBIT
HOWELL AVENUE (STH 38)
OAKWOOD ROAD TO GRANGE AVENUE
STH 38 MILWAUKEE COUNTY

THE NORTHWEST 1/4 OF THE NORTHWEST 1/4 OF SECTION 28, TOWNSHIP 5 NORTH, RANGE 22 EAST, CITY OF OAK CREEK, MILWAUKEE COUNTY, WISCONSIN



REV 01/08/2026
REV 04/25/2025
REV 03/24/2025

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	TLE S.F.
14	JT PETROLEUM, LLC, A WI LLC	TLE	36
16 (4)	REMOVED	---	---

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
100 (4)	REMOVED	---
102	WE ENERGIES (ELECTRIC)	RELEASE OF RIGHTS
103 (4)	REMOVED	---

R/W PROJECT NUMBER: 2060-20-20	SHEET NUMBER: 4.08

RIGHT-OF-WAY ACQUISITION EXHIBIT
HOWELL AVENUE (STH 38)
OAKWOOD ROAD TO GRANGE AVENUE
STH 38 MILWAUKEE COUNTY

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SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	TLE S.F.
15 (4)	REMOVED	---	---

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
N/A	N/A	N/A

GN
SCALE, FEET
0 50 100

REV 01/08/2026
REV 04/25/2025
REV 03/24/2025

NOTES:
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EXISTING HIGHWAY RIGHT OF WAY FOR HOWELL AVE (STH 38) ESTABLISHED FROM PROJECT NO. 2060-15-21.

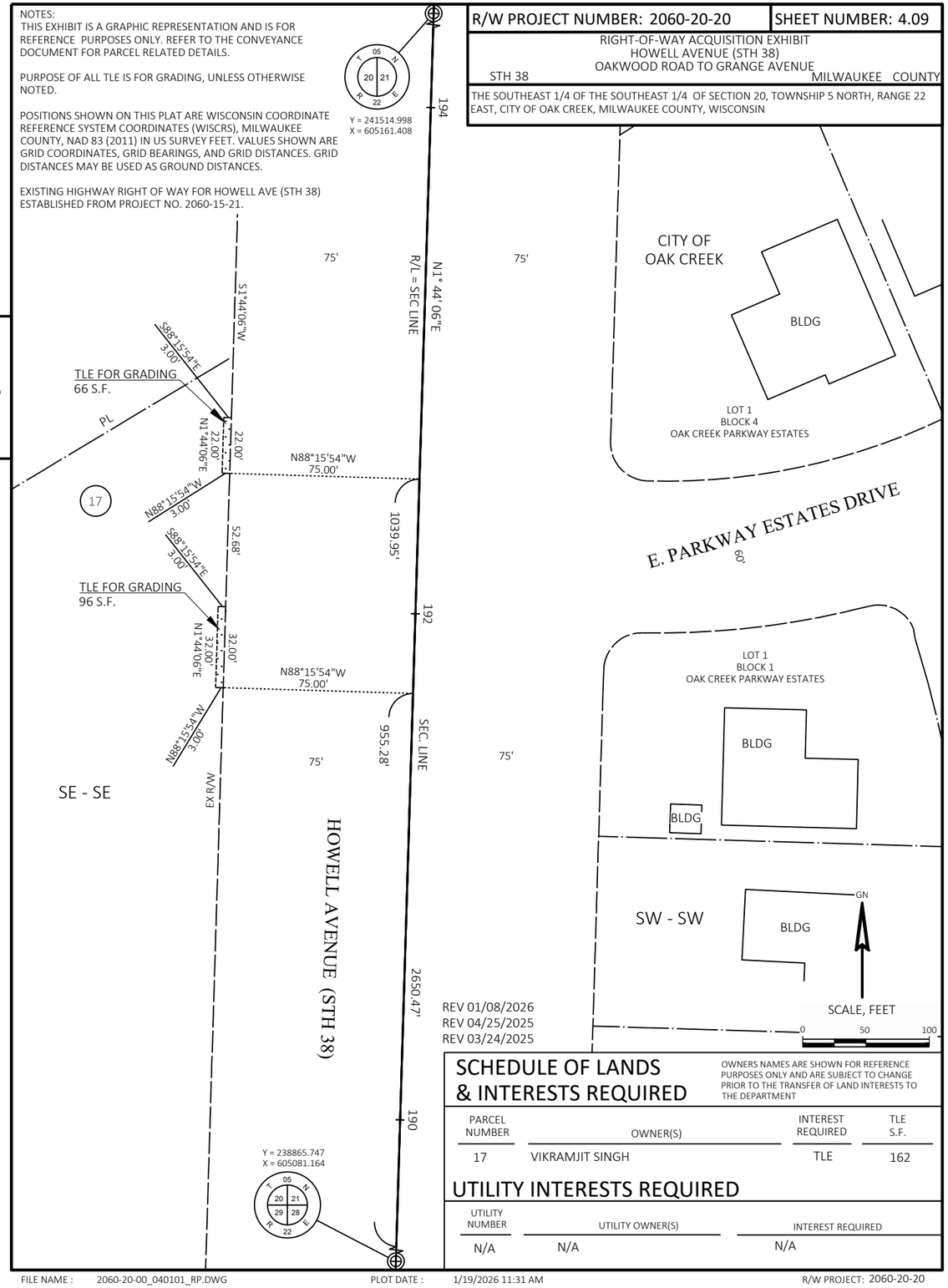
Y = 241514.998
X = 605161.408

R/W PROJECT NUMBER: 2060-20-20	SHEET NUMBER: 4.09

RIGHT-OF-WAY ACQUISITION EXHIBIT
HOWELL AVENUE (STH 38)
OAKWOOD ROAD TO GRANGE AVENUE

STH 38 MILWAUKEE COUNTY

THE SOUTHEAST 1/4 OF THE SOUTHEAST 1/4 OF SECTION 20, TOWNSHIP 5 NORTH, RANGE 22 EAST, CITY OF OAK CREEK, MILWAUKEE COUNTY, WISCONSIN



REV 01/08/2026
REV 04/25/2025
REV 03/24/2025

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	TLE S.F.
17	VIKRAMJIT SINGH	TLE	162

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
N/A	N/A	N/A

NOTES:
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EXISTING HIGHWAY RIGHT OF WAY FOR HOWELL AVE (STH 38) ESTABLISHED FROM PROJECT NO. 2060-15-21.

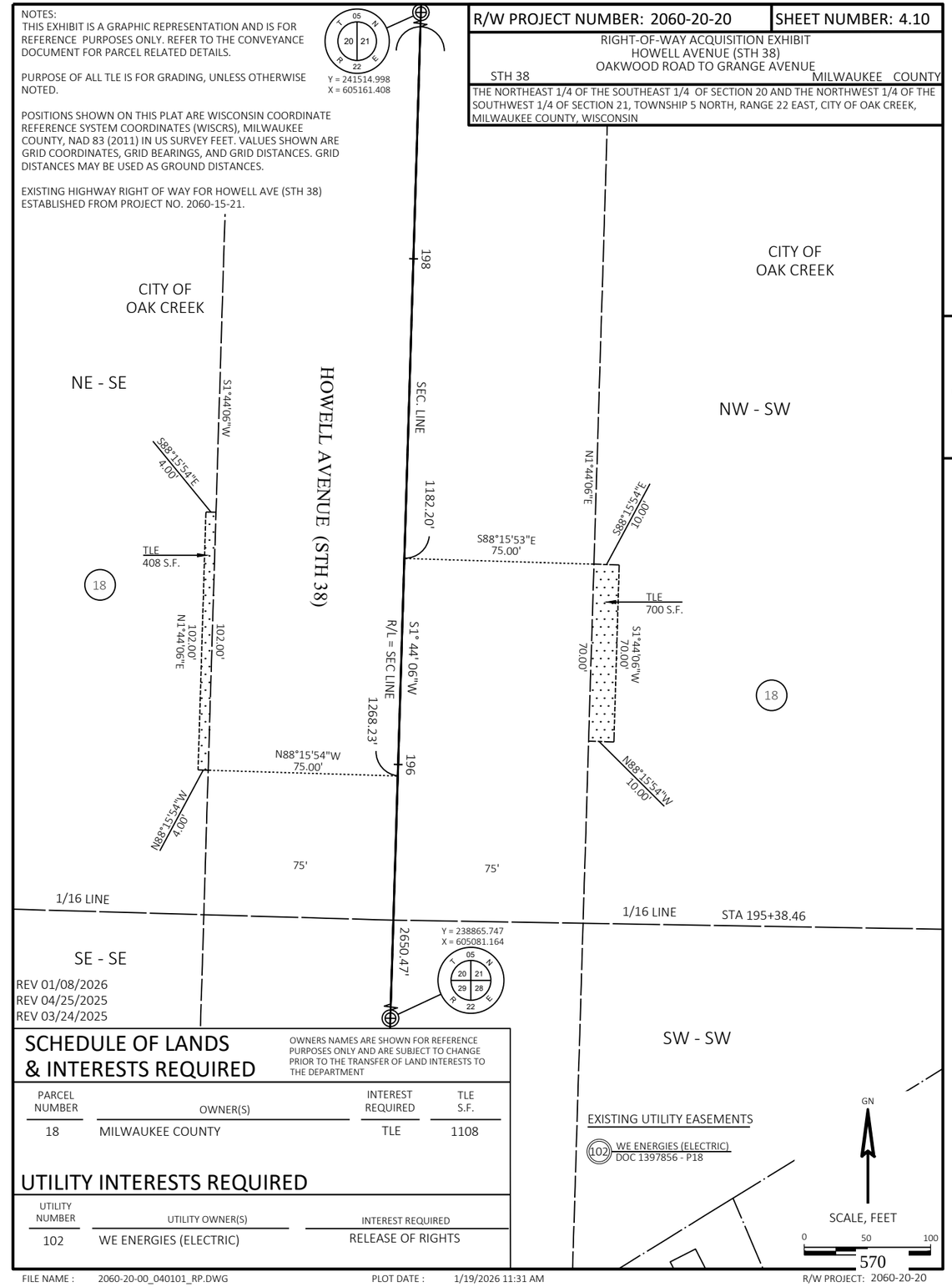
Y = 241514.998
X = 605161.408

R/W PROJECT NUMBER: 2060-20-20	SHEET NUMBER: 4.10

RIGHT-OF-WAY ACQUISITION EXHIBIT
HOWELL AVENUE (STH 38)
OAKWOOD ROAD TO GRANGE AVENUE

STH 38 MILWAUKEE COUNTY

THE NORTHEAST 1/4 OF THE SOUTHEAST 1/4 OF SECTION 20 AND THE NORTHWEST 1/4 OF THE SOUTHWEST 1/4 OF SECTION 21, TOWNSHIP 5 NORTH, RANGE 22 EAST, CITY OF OAK CREEK, MILWAUKEE COUNTY, WISCONSIN



REV 01/08/2026
REV 04/25/2025
REV 03/24/2025

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	TLE S.F.
18	MILWAUKEE COUNTY	TLE	1108

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
102	WE ENERGIES (ELECTRIC)	RELEASE OF RIGHTS

NOTES:
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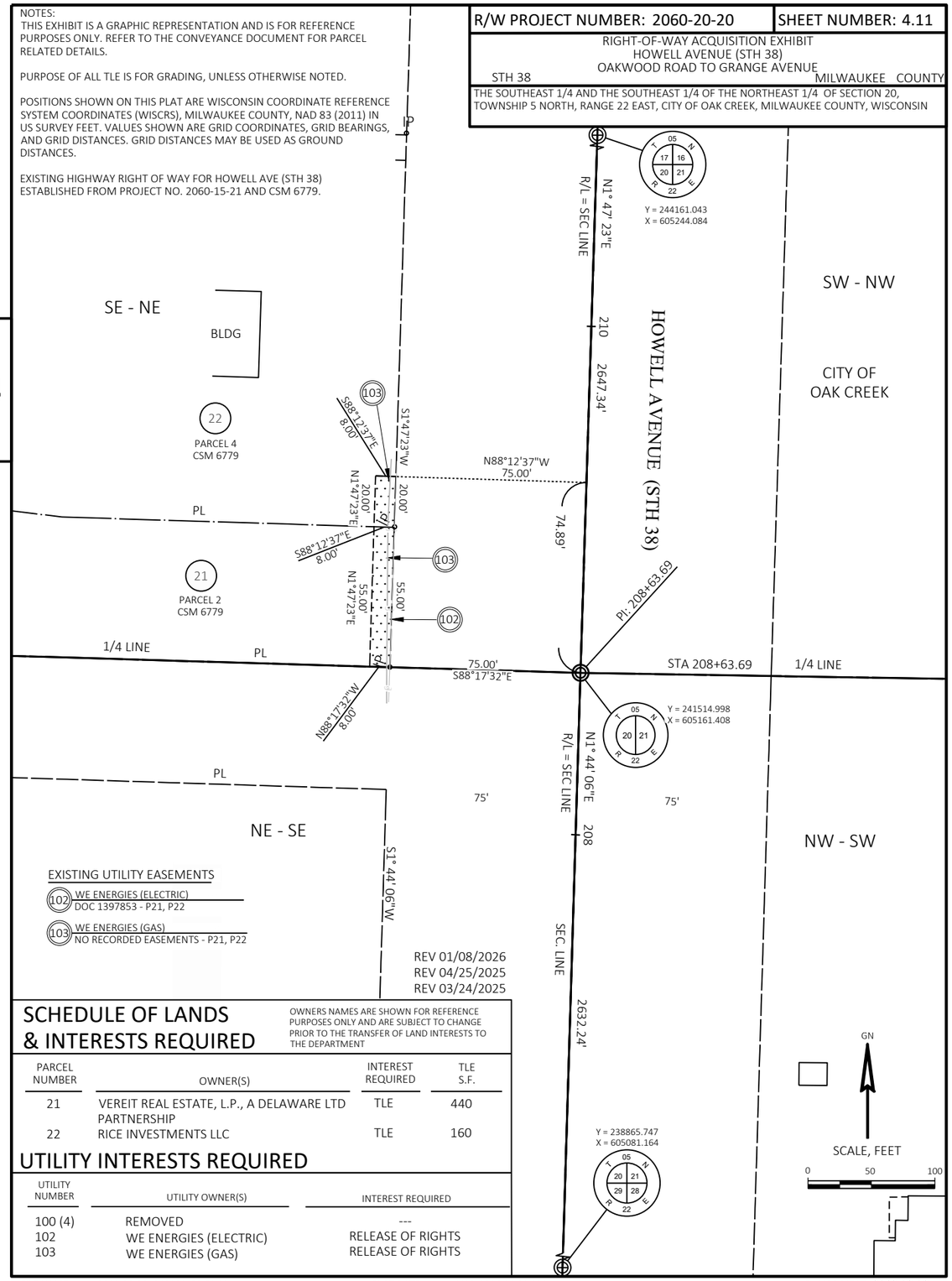
EXISTING HIGHWAY RIGHT OF WAY FOR HOWELL AVE (STH 38) ESTABLISHED FROM PROJECT NO. 2060-15-21 AND CSM 6779.

R/W PROJECT NUMBER: 2060-20-20 | **SHEET NUMBER: 4.11**

RIGHT-OF-WAY ACQUISITION EXHIBIT
HOWELL AVENUE (STH 38)
OAKWOOD ROAD TO GRANGE AVENUE
STH 38 MILWAUKEE COUNTY

THE SOUTHEAST 1/4 AND THE SOUTHEAST 1/4 OF THE NORTHEAST 1/4 OF SECTION 20, TOWNSHIP 5 NORTH, RANGE 22 EAST, CITY OF OAK CREEK, MILWAUKEE COUNTY, WISCONSIN



REV 01/08/2026
REV 04/25/2025
REV 03/24/2025

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	TLE S.F.
21	VEREIT REAL ESTATE, L.P., A DELAWARE LTD PARTNERSHIP	TLE	440
22	RICE INVESTMENTS LLC	TLE	160

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
100 (4)	REMOVED	---
102	WE ENERGIES (ELECTRIC)	RELEASE OF RIGHTS
103	WE ENERGIES (GAS)	RELEASE OF RIGHTS

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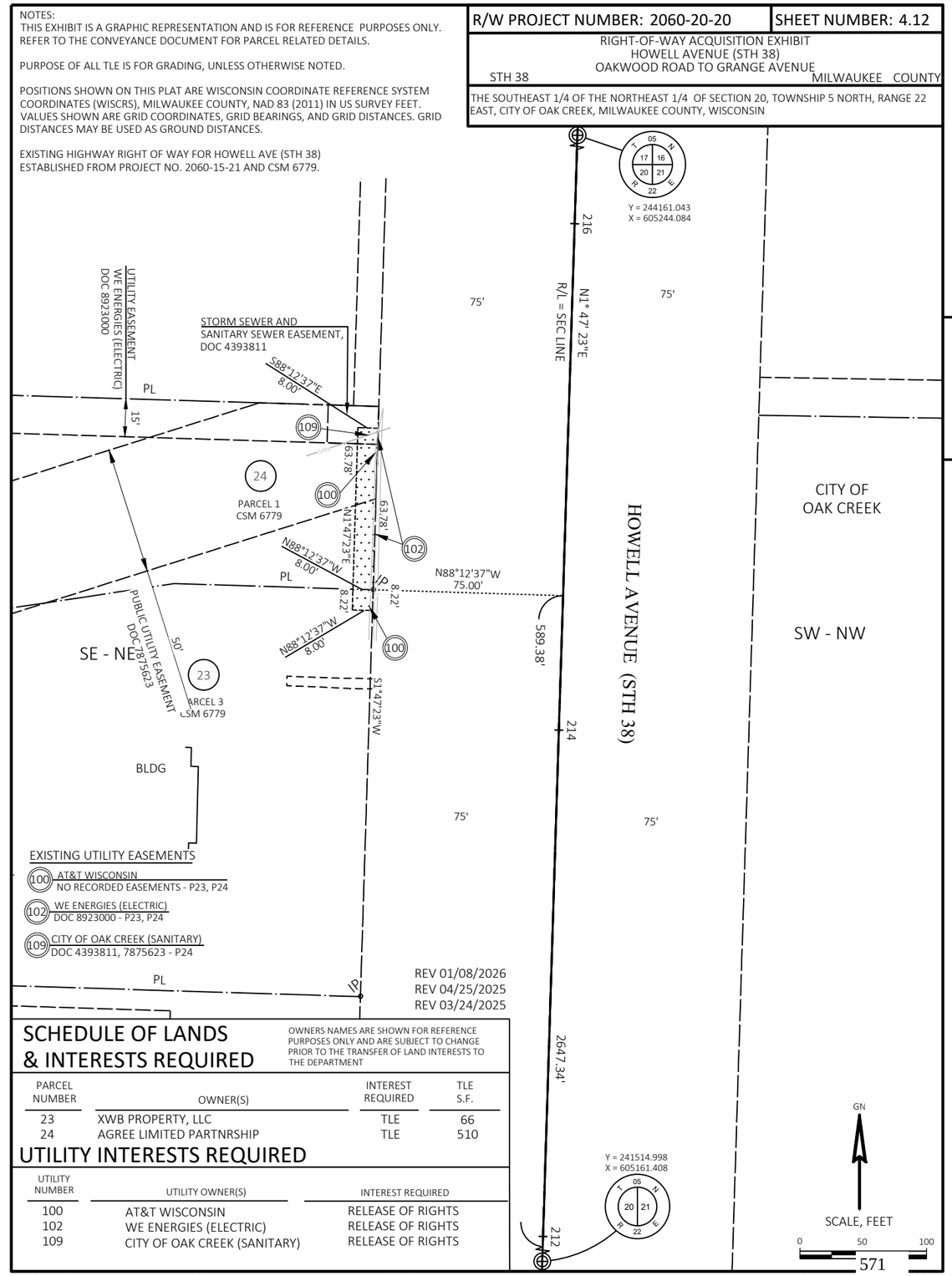
EXISTING HIGHWAY RIGHT OF WAY FOR HOWELL AVE (STH 38) ESTABLISHED FROM PROJECT NO. 2060-15-21 AND CSM 6779.

R/W PROJECT NUMBER: 2060-20-20 | **SHEET NUMBER: 4.12**

RIGHT-OF-WAY ACQUISITION EXHIBIT
HOWELL AVENUE (STH 38)
OAKWOOD ROAD TO GRANGE AVENUE
STH 38 MILWAUKEE COUNTY

THE SOUTHEAST 1/4 OF THE NORTHEAST 1/4 OF SECTION 20, TOWNSHIP 5 NORTH, RANGE 22 EAST, CITY OF OAK CREEK, MILWAUKEE COUNTY, WISCONSIN



REV 01/08/2026
REV 04/25/2025
REV 03/24/2025

SCHEDULE OF LANDS & INTERESTS REQUIRED

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PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	TLE S.F.
23	XWB PROPERTY, LLC	TLE	66
24	AGREE LIMITED PARTNRSHIP	TLE	510

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
100	AT&T WISCONSIN	RELEASE OF RIGHTS
102	WE ENERGIES (ELECTRIC)	RELEASE OF RIGHTS
109	CITY OF OAK CREEK (SANITARY)	RELEASE OF RIGHTS

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EXISTING HIGHWAY RIGHT OF WAY FOR HOWELL AVE. (STH 38) ESTABLISHED FROM PROJECT NO. 2060-15-20.

EXISTING HIGHWAY RIGHT OF WAY FOR W. CENTENIAL DR. ESTABLISHED FROM PROJECT NO. 2060-15-20 AND CSM 6166.

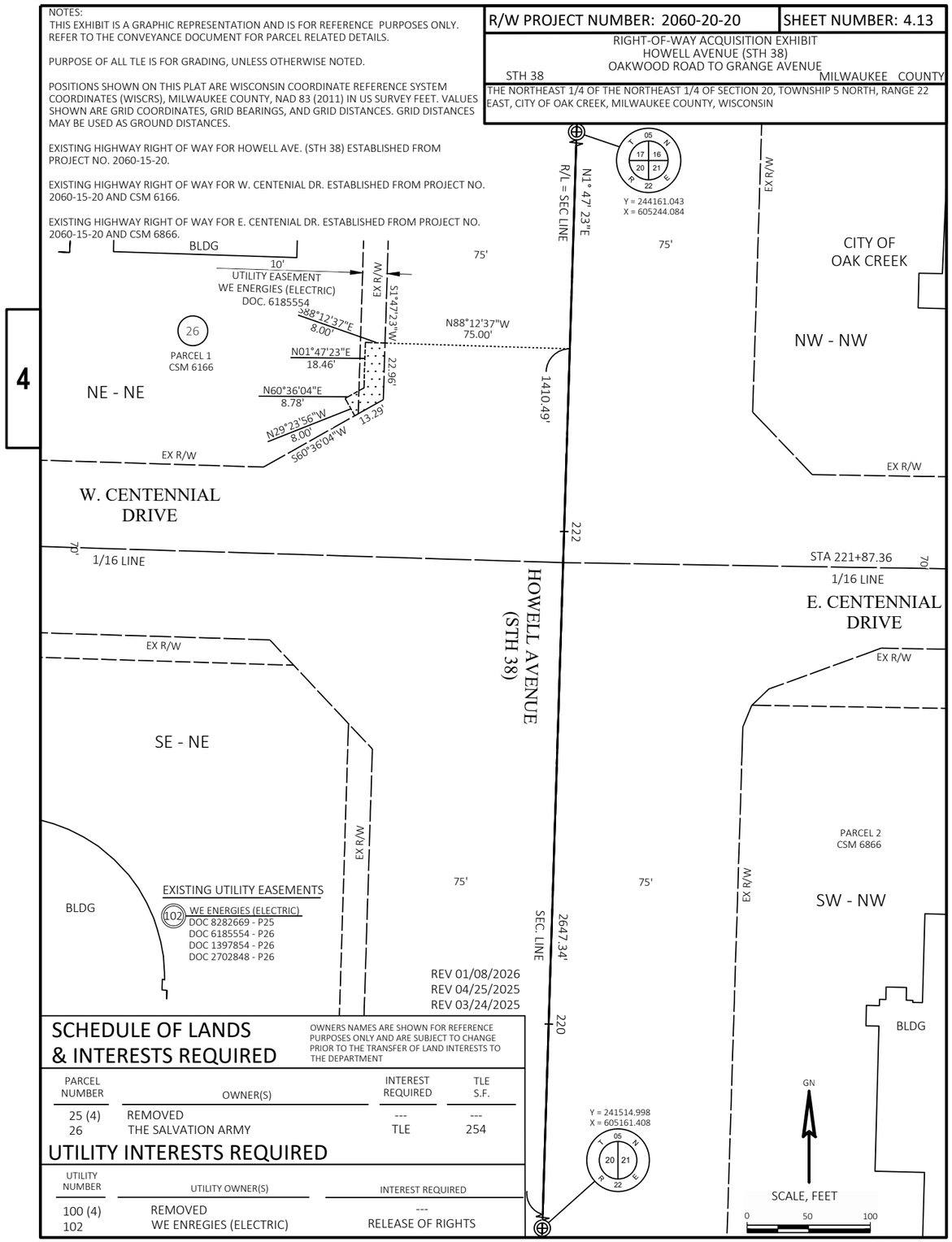
EXISTING HIGHWAY RIGHT OF WAY FOR E. CENTENIAL DR. ESTABLISHED FROM PROJECT NO. 2060-15-20 AND CSM 6866.

R/W PROJECT NUMBER: 2060-20-20 | SHEET NUMBER: 4.13

RIGHT-OF-WAY ACQUISITION EXHIBIT
HOWELL AVENUE (STH 38)
OAKWOOD ROAD TO GRANGE AVENUE

STH 38 MILWAUKEE COUNTY

THE NORTHEAST 1/4 OF THE NORTHEAST 1/4 OF SECTION 20, TOWNSHIP 5 NORTH, RANGE 22 EAST, CITY OF OAK CREEK, MILWAUKEE COUNTY, WISCONSIN



SCHEDULE OF LANDS & INTERESTS REQUIRED

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PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	TLE S.F.
25 (4)	REMOVED	---	---
26	THE SALVATION ARMY	TLE	254

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
100 (4)	REMOVED	---
102	WE ENREGIES (ELECTRIC)	RELEASE OF RIGHTS

REV 01/08/2026
REV 04/25/2025
REV 03/24/2025

FILE NAME : 2060-20-00_040101_RP.DWG PLOT DATE : 1/19/2026 11:31 AM R/W PROJECT: 2060-20-20

NOTES:
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EXISTING HIGHWAY RIGHT OF WAY FOR HOWELL AVE. (STH 38) ESTABLISHED FROM PROJECT NO. 2060-15-20.

EXISTING HIGHWAY RIGHT OF WAY FOR W. PUETZ RD. ESTABLISHED FROM PROJECT NO. 2060-15-20, CSM 2975 AND CSM 5946.

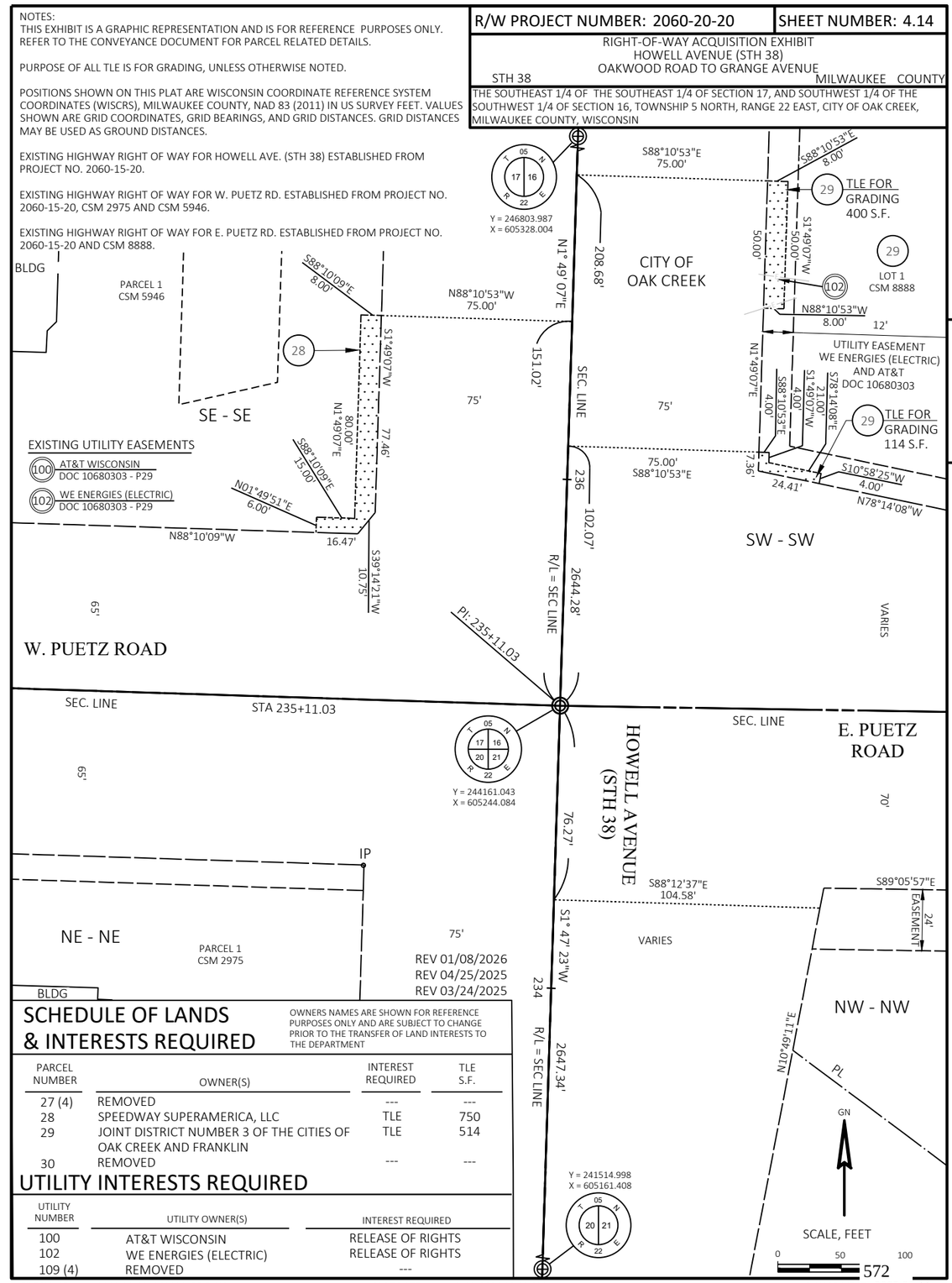
EXISTING HIGHWAY RIGHT OF WAY FOR E. PUETZ RD. ESTABLISHED FROM PROJECT NO. 2060-15-20 AND CSM 8888.

R/W PROJECT NUMBER: 2060-20-20 | SHEET NUMBER: 4.14

RIGHT-OF-WAY ACQUISITION EXHIBIT
HOWELL AVENUE (STH 38)
OAKWOOD ROAD TO GRANGE AVENUE

STH 38 MILWAUKEE COUNTY

THE SOUTHEAST 1/4 OF THE SOUTHEAST 1/4 OF SECTION 17, AND SOUTHWEST 1/4 OF THE SOUTHWEST 1/4 OF SECTION 16, TOWNSHIP 5 NORTH, RANGE 22 EAST, CITY OF OAK CREEK, MILWAUKEE COUNTY, WISCONSIN



SCHEDULE OF LANDS & INTERESTS REQUIRED

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PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	TLE S.F.
27 (4)	REMOVED	---	---
28	SPEEDWAY SUPERAMERICA, LLC	TLE	750
29	JOINT DISTRICT NUMBER 3 OF THE CITIES OF OAK CREEK AND FRANKLIN	TLE	514
30	REMOVED	---	---

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
100	AT&T WISCONSIN	RELEASE OF RIGHTS
102	WE ENERGIES (ELECTRIC)	RELEASE OF RIGHTS
109 (4)	REMOVED	---

REV 01/08/2026
REV 04/25/2025
REV 03/24/2025

FILE NAME : 2060-20-00_040101_RP.DWG PLOT DATE : 1/19/2026 11:31 AM R/W PROJECT: 2060-20-20

NOTES:
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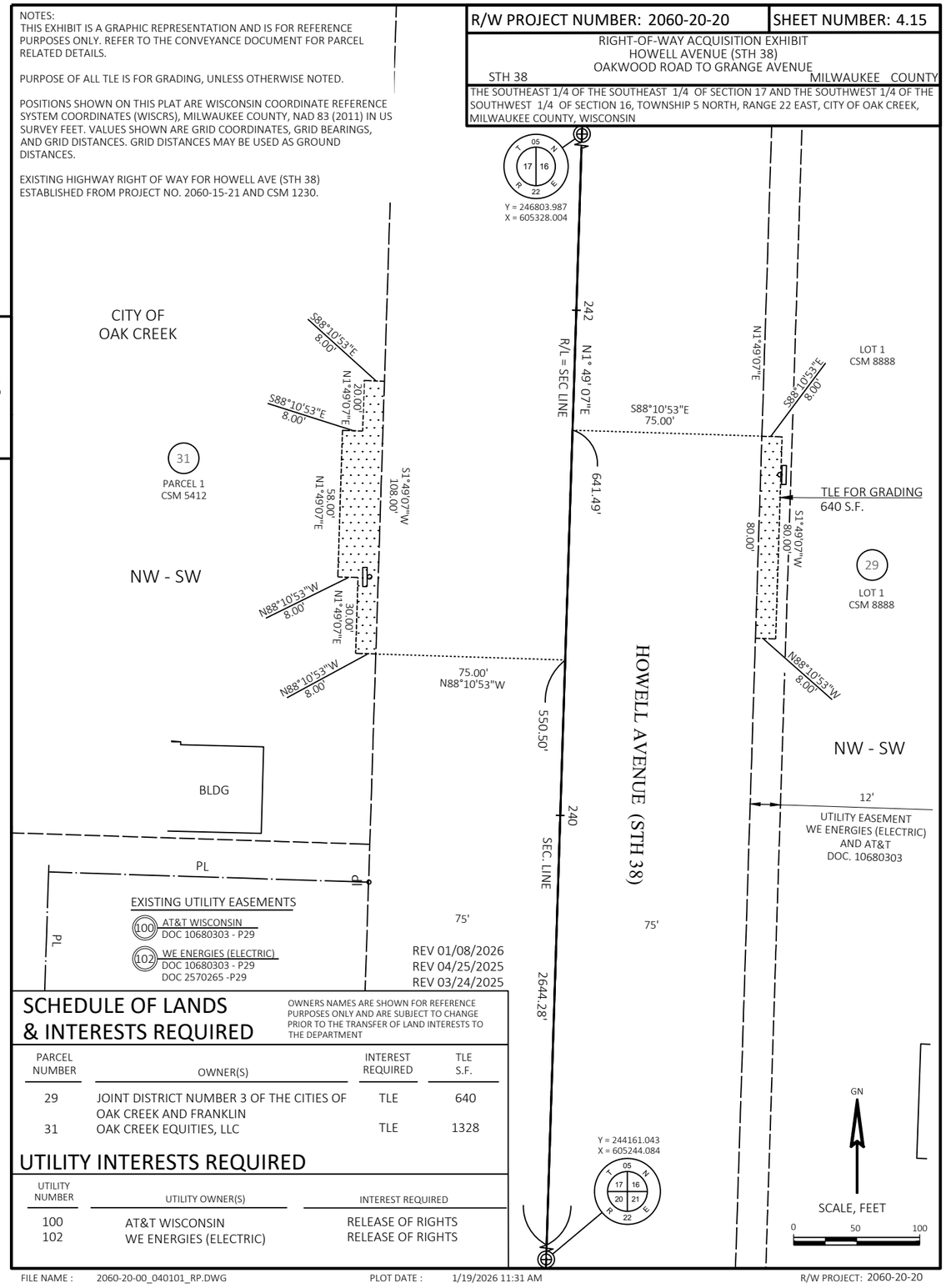
EXISTING HIGHWAY RIGHT OF WAY FOR HOWELL AVE (STH 38) ESTABLISHED FROM PROJECT NO. 2060-15-21 AND CSM 1230.

R/W PROJECT NUMBER: 2060-20-20 | **SHEET NUMBER: 4.15**

RIGHT-OF-WAY ACQUISITION EXHIBIT
HOWELL AVENUE (STH 38)
OAKWOOD ROAD TO GRANGE AVENUE

STH 38 MILWAUKEE COUNTY

THE SOUTHEAST 1/4 OF THE SOUTHEAST 1/4 OF SECTION 17 AND THE SOUTHWEST 1/4 OF THE SOUTHWEST 1/4 OF SECTION 16, TOWNSHIP 5 NORTH, RANGE 22 EAST, CITY OF OAK CREEK, MILWAUKEE COUNTY, WISCONSIN



SCHEDULE OF LANDS & INTERESTS REQUIRED

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PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	TLE S.F.
29	JOINT DISTRICT NUMBER 3 OF THE CITIES OF OAK CREEK AND FRANKLIN	TLE	640
31	OAK CREEK EQUITIES, LLC	TLE	1328

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
100	AT&T WISCONSIN	RELEASE OF RIGHTS
102	WE ENERGIES (ELECTRIC)	RELEASE OF RIGHTS

FILE NAME : 2060-20-00_040101_RP.DWG PLOT DATE : 1/19/2026 11:31 AM R/W PROJECT: 2060-20-20

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EXISTING HIGHWAY RIGHT OF WAY FOR HOWELL AVE (STH 38) ESTABLISHED FROM PROJECT NO. 2060-15-21.

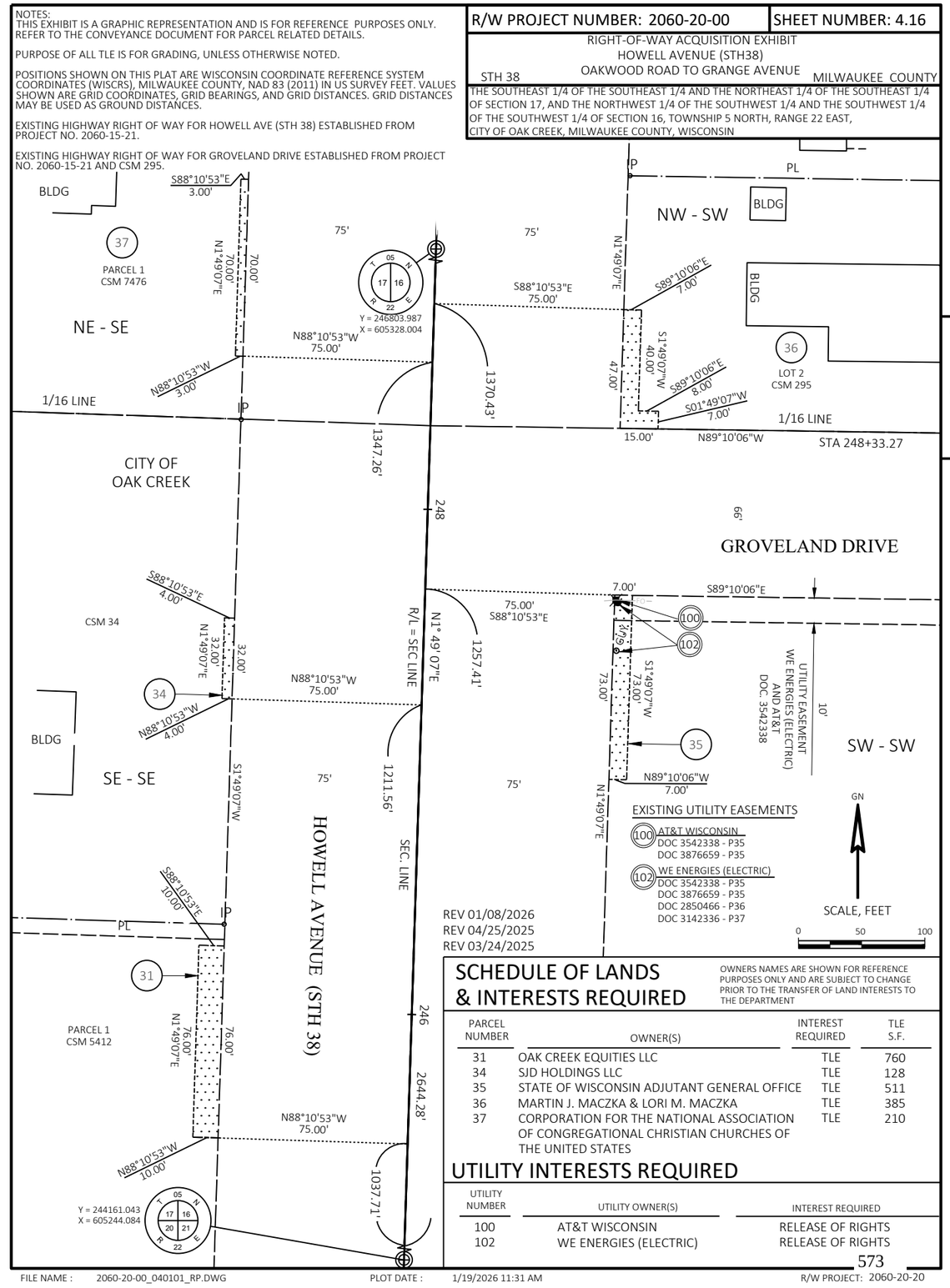
EXISTING HIGHWAY RIGHT OF WAY FOR GROVELAND DRIVE ESTABLISHED FROM PROJECT NO. 2060-15-21 AND CSM 295.

R/W PROJECT NUMBER: 2060-20-00 | **SHEET NUMBER: 4.16**

RIGHT-OF-WAY ACQUISITION EXHIBIT
HOWELL AVENUE (STH38)
OAKWOOD ROAD TO GRANGE AVENUE

STH 38 MILWAUKEE COUNTY

THE SOUTHEAST 1/4 OF THE SOUTHEAST 1/4 AND THE NORTHEAST 1/4 OF THE SOUTHEAST 1/4 OF SECTION 17, AND THE NORTHWEST 1/4 OF THE SOUTHWEST 1/4 AND THE SOUTHWEST 1/4 OF THE SOUTHWEST 1/4 OF SECTION 16, TOWNSHIP 5 NORTH, RANGE 22 EAST, CITY OF OAK CREEK, MILWAUKEE COUNTY, WISCONSIN



SCHEDULE OF LANDS & INTERESTS REQUIRED

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PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	TLE S.F.
31	OAK CREEK EQUITIES LLC	TLE	760
34	SJD HOLDINGS LLC	TLE	128
35	STATE OF WISCONSIN ADJUTANT GENERAL OFFICE	TLE	511
36	MARTIN J. MACZKA & LORI M. MACZKA	TLE	385
37	CORPORATION FOR THE NATIONAL ASSOCIATION OF CONGREGATIONAL CHRISTIAN CHURCHES OF THE UNITED STATES	TLE	210

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
100	AT&T WISCONSIN	RELEASE OF RIGHTS
102	WE ENERGIES (ELECTRIC)	RELEASE OF RIGHTS

FILE NAME : 2060-20-00_040101_RP.DWG PLOT DATE : 1/19/2026 11:31 AM R/W PROJECT: 2060-20-20

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EXISTING HIGHWAY RIGHT OF WAY FOR HOWELL AVE (STH 38) ESTABLISHED FROM PROJECT NO. 2060-15-22.

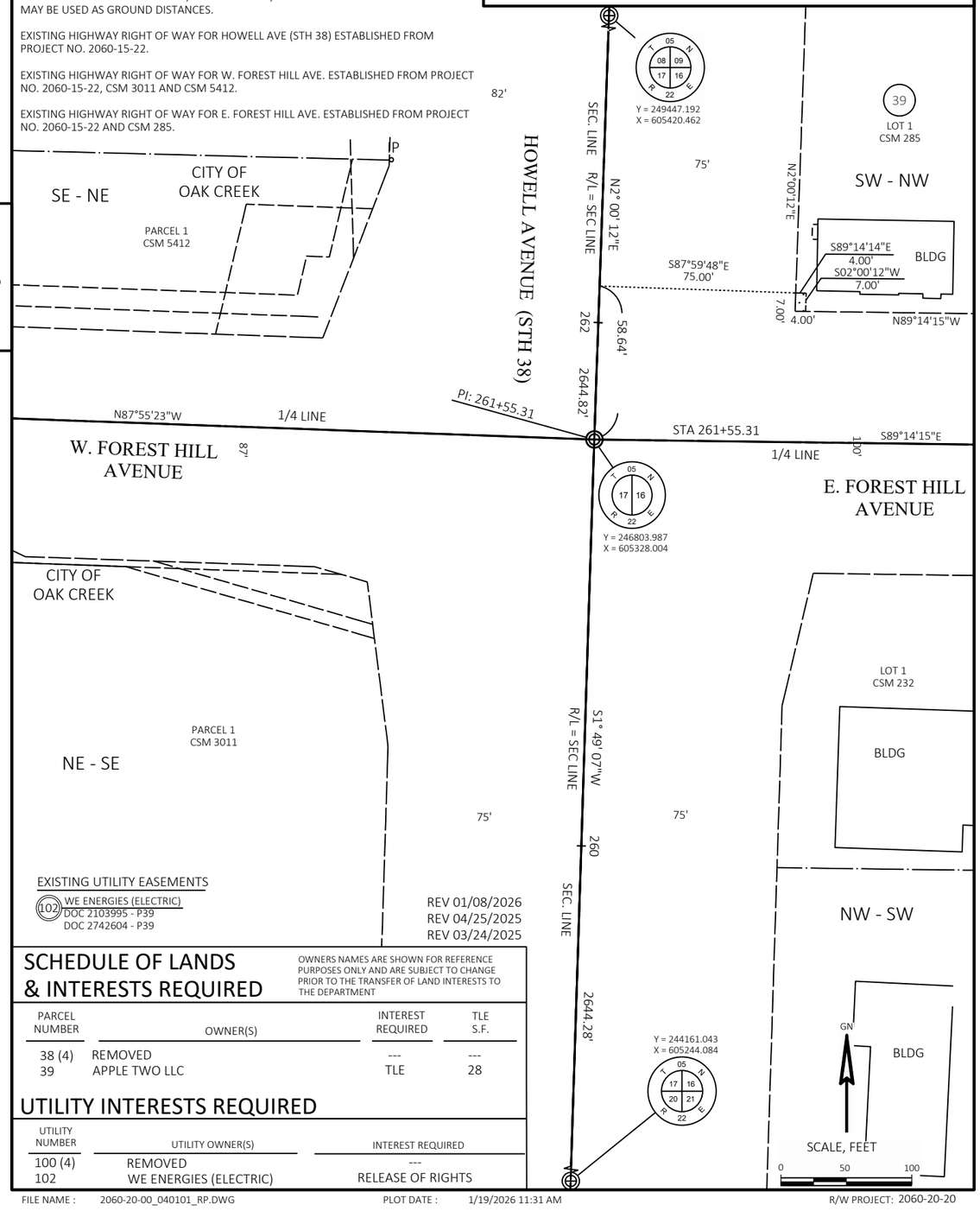
EXISTING HIGHWAY RIGHT OF WAY FOR W. FOREST HILL AVE. ESTABLISHED FROM PROJECT NO. 2060-15-22, CSM 3011 AND CSM 5412.

EXISTING HIGHWAY RIGHT OF WAY FOR E. FOREST HILL AVE. ESTABLISHED FROM PROJECT NO. 2060-15-22 AND CSM 285.

R/W PROJECT NUMBER: 2060-20-20	SHEET NUMBER: 4.17

RIGHT-OF-WAY ACQUISITION EXHIBIT
HOWELL AVENUE (STH 38)
OAKWOOD ROAD TO GRANGE AVENUE
STH 38 MILWAUKEE COUNTY

THE SOUTHWEST 1/4 OF THE NORTHWEST 1/4 OF SECTION 16, TOWNSHIP 5 NORTH, RANGE 22 EAST, CITY OF OAK CREEK, MILWAUKEE COUNTY, WISCONSIN



EXISTING UTILITY EASEMENTS

(102) WE ENERGIES (ELECTRIC)
DOC 2103995 - P39
DOC 2742604 - P39

REV 01/08/2026
REV 04/25/2025
REV 03/24/2025

SCHEDULE OF LANDS & INTERESTS REQUIRED

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PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	TLE S.F.
38 (4)	REMOVED	---	---
39	APPLE TWO LLC	TLE	28

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
100 (4)	REMOVED	---
102	WE ENERGIES (ELECTRIC)	RELEASE OF RIGHTS

R/W PROJECT NUMBER: 2060-20-20	SHEET NUMBER: 4.18

RIGHT-OF-WAY ACQUISITION EXHIBIT
HOWELL AVENUE (STH 38)
OAKWOOD ROAD TO GRANGE AVENUE
STH 38 MILWAUKEE COUNTY

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REV 01/08/2026
REV 04/25/2025
REV 03/24/2025

SCHEDULE OF LANDS & INTERESTS REQUIRED

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PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	TLE S.F.
40 (4)	REMOVED	---	---
41 (4)	REMOVED	---	---
42 (4)	REMOVED	---	---
43 (4)	REMOVED	---	---

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
100 (4)	REMOVED	---
102 (4)	REMOVED	---
108 (4)	REMOVED	---
109 (4)	REMOVED	---

GN
SCALE, FEET
0 50 100

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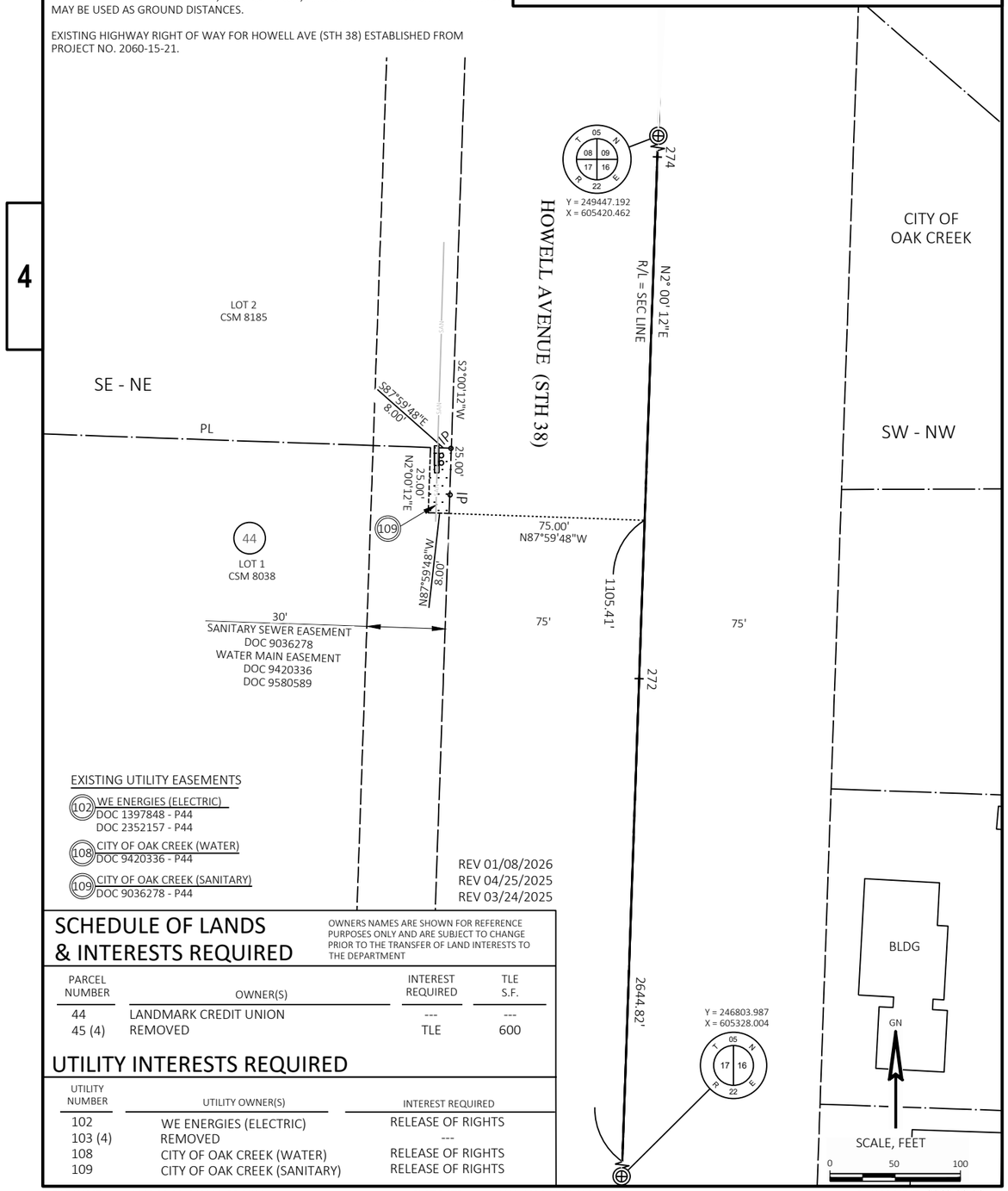
EXISTING HIGHWAY RIGHT OF WAY FOR HOWELL AVE (STH 38) ESTABLISHED FROM PROJECT NO. 2060-15-21.

R/W PROJECT NUMBER: 2060-20-20	SHEET NUMBER: 4.19

RIGHT-OF-WAY ACQUISITION EXHIBIT
HOWELL AVENUE (STH 38)
OAKWOOD ROAD TO GRANGE AVENUE

STH 38 MILWAUKEE COUNTY

THE SOUTHEAST 1/4 OF THE NORTHEAST 1/4 OF SECTION 17, TOWNSHIP 5 NORTH, RANGE 22 EAST, CITY OF OAK CREEK, MILWAUKEE COUNTY, WISCONSIN



EXISTING UTILITY EASEMENTS

102 WE ENERGIES (ELECTRIC)
DOC 1397848 - P44
DOC 2352157 - P44

108 CITY OF OAK CREEK (WATER)
DOC 9420336 - P44

109 CITY OF OAK CREEK (SANITARY)
DOC 9036278 - P44

REV 01/08/2026
REV 04/25/2025
REV 03/24/2025

SCHEDULE OF LANDS & INTERESTS REQUIRED

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PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	TLE S.F.
44	LANDMARK CREDIT UNION	---	---
45 (4)	REMOVED	TLE	600

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
102	WE ENERGIES (ELECTRIC)	RELEASE OF RIGHTS
103 (4)	REMOVED	---
108	CITY OF OAK CREEK (WATER)	RELEASE OF RIGHTS
109	CITY OF OAK CREEK (SANITARY)	RELEASE OF RIGHTS

NOTES:
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EXISTING HIGHWAY RIGHT OF WAY FOR HOWELL AVE (STH 38) ESTABLISHED FROM PROJECT NO. 2060-15-22.

EXISTING HIGHWAY RIGHT OF WAY FOR W. TOWN SQUARE WAY ESTABLISHED FROM PROJECT NO. 2060-15-22 AND CSM 8572.

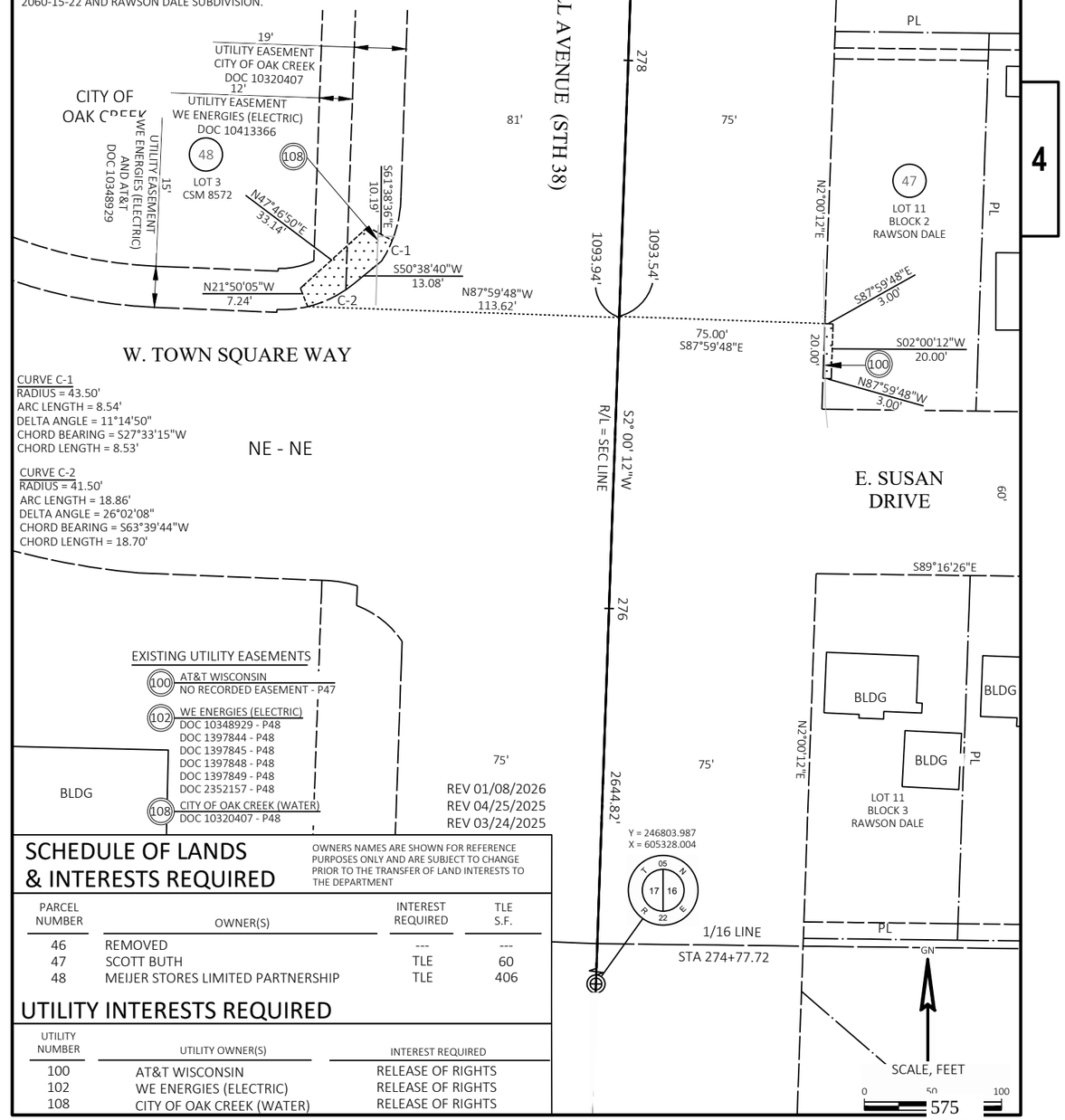
EXISTING HIGHWAY RIGHT OF WAY FOR E. SUSAN DR. ESTABLISHED FROM PROJECT 2060-15-22 AND RAWSON DALE SUBDIVISION.

R/W PROJECT NUMBER: 2060-20-20	SHEET NUMBER: 4.20

RIGHT-OF-WAY ACQUISITION EXHIBIT
HOWELL AVENUE (STH 38)
OAKWOOD ROAD TO GRANGE AVENUE

STH 38 MILWAUKEE COUNTY

THE NORTHEAST 1/4 OF THE NORTHEAST 1/4 OF SECTION 17 AND THE NORTHWEST 1/4 OF THE NORTHWEST 1/4 OF SECTION 16, TOWNSHIP 5 NORTH, RANGE 22 EAST, CITY OF OAK CREEK, MILWAUKEE COUNTY, WISCONSIN



CURVE C-1
RADIUS = 43.50'
ARC LENGTH = 8.54'
DELTA ANGLE = 11°14'50"
CHORD BEARING = S27°33'15"W
CHORD LENGTH = 8.53'

CURVE C-2
RADIUS = 41.50'
ARC LENGTH = 18.86'
DELTA ANGLE = 26°02'08"
CHORD BEARING = S63°39'44"W
CHORD LENGTH = 18.70'

EXISTING UTILITY EASEMENTS

100 AT&T WISCONSIN
NO RECORDED EASEMENT - P47

102 WE ENERGIES (ELECTRIC)
DOC 10348929 - P48
DOC 1397844 - P48
DOC 1397845 - P48
DOC 1397848 - P48
DOC 1397849 - P48
DOC 2352157 - P48

108 CITY OF OAK CREEK (WATER)
DOC 10320407 - P48

REV 01/08/2026
REV 04/25/2025
REV 03/24/2025

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	TLE S.F.
46	REMOVED	---	---
47	SCOTT BUTH	TLE	60
48	MEIJER STORES LIMITED PARTNERSHIP	TLE	406

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
100	AT&T WISCONSIN	RELEASE OF RIGHTS
102	WE ENERGIES (ELECTRIC)	RELEASE OF RIGHTS
108	CITY OF OAK CREEK (WATER)	RELEASE OF RIGHTS

NOTES:
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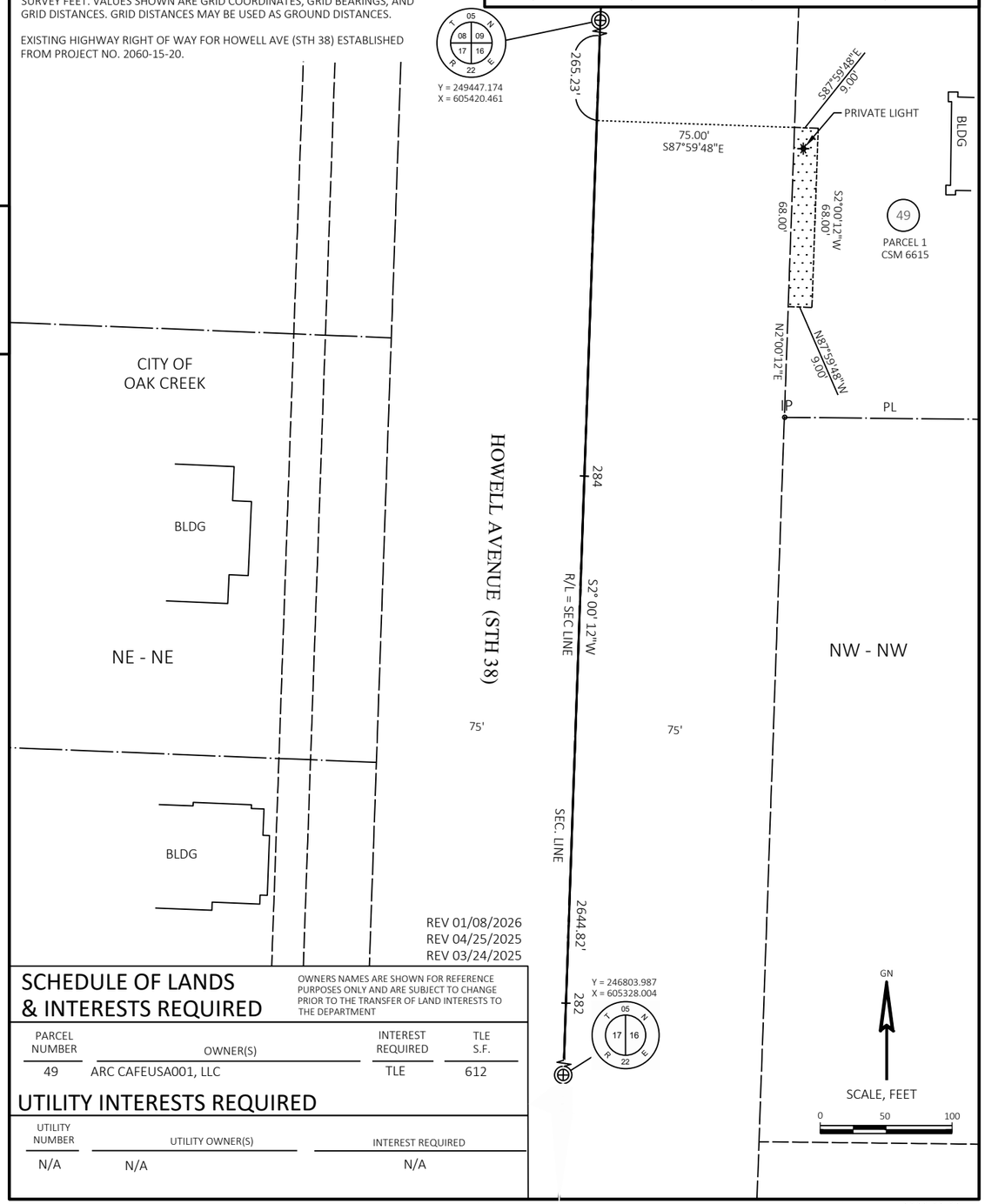
EXISTING HIGHWAY RIGHT OF WAY FOR HOWELL AVE (STH 38) ESTABLISHED FROM PROJECT NO. 2060-15-20.

R/W PROJECT NUMBER: 2060-20-20	SHEET NUMBER: 4.21

RIGHT-OF-WAY ACQUISITION EXHIBIT
HOWELL AVENUE (STH 38)
OAKWOOD ROAD TO GRANGE AVENUE

STH 38 MILWAUKEE COUNTY

THE NORTHWEST 1/4 OF THE NORTHWEST 1/4 OF SECTION 16, TOWNSHIP 5 NORTH, RANGE 22 EAST, CITY OF OAK CREEK, MILWAUKEE COUNTY, WISCONSIN



REV 01/08/2026
REV 04/25/2025
REV 03/24/2025

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	TLE S.F.
49	ARC CAFEUSA001, LLC	TLE	612

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
N/A	N/A	N/A

R/W PROJECT NUMBER: 2060-20-20	SHEET NUMBER: 4.22

RIGHT-OF-WAY ACQUISITION EXHIBIT
HOWELL AVENUE (STH 38)
OAKWOOD ROAD TO GRANGE AVENUE

STH 38 MILWAUKEE COUNTY

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REV 01/08/2026
REV 04/25/2025
REV 03/24/2025

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	TLE S.F.
50	REMOVED	---	---
51	REMOVED	---	---

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
103	REMOVED	---
107	REMOVED	---
108	REMOVED	---
109	REMOVED	---

GN
SCALE, FEET
0 50 100

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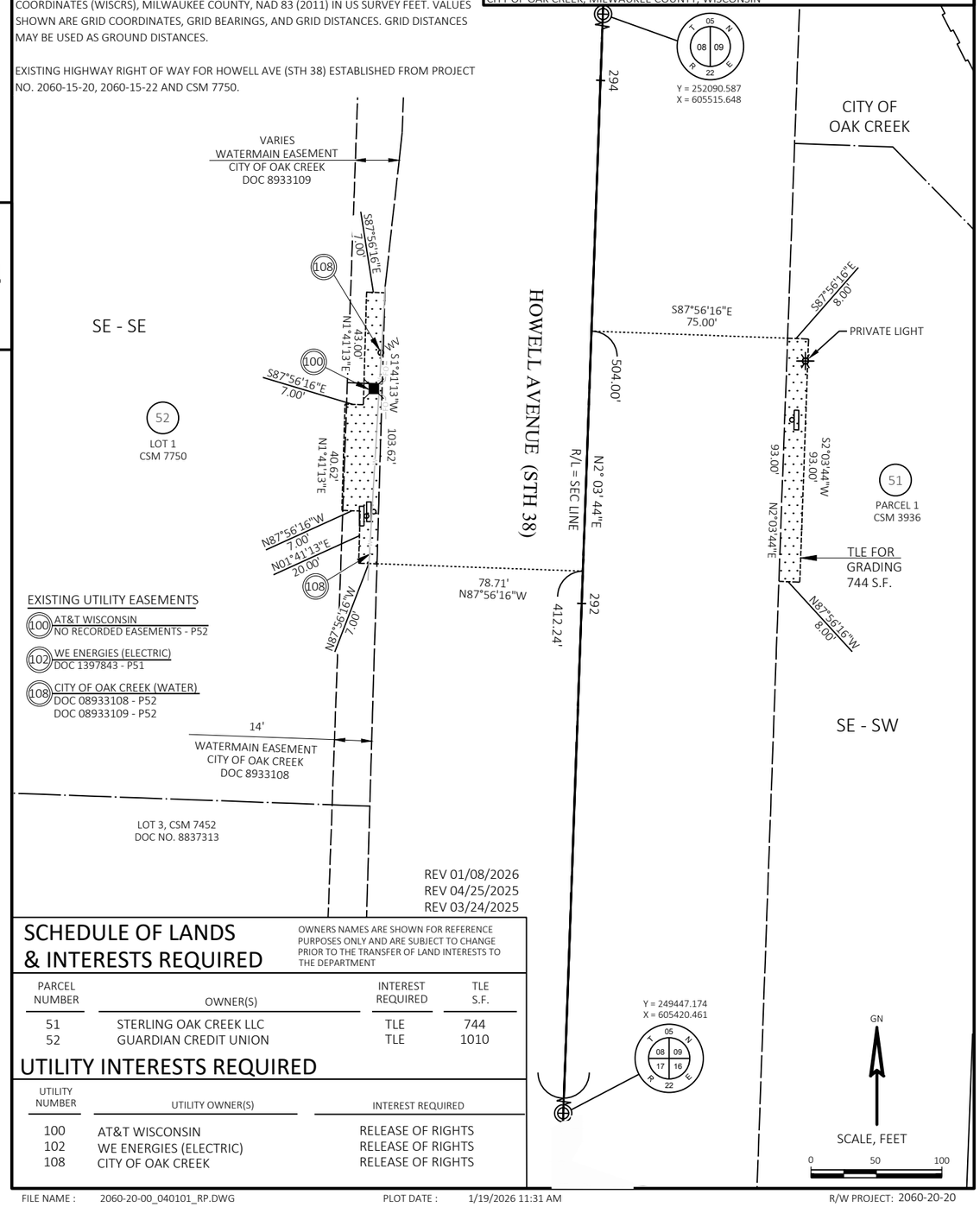
EXISTING HIGHWAY RIGHT OF WAY FOR HOWELL AVE (STH 38) ESTABLISHED FROM PROJECT NO. 2060-15-20, 2060-15-22 AND CSM 7750.

R/W PROJECT NUMBER: 2060-20-20 | SHEET NUMBER: 4.23

RIGHT-OF-WAY ACQUISITION EXHIBIT
HOWELL AVENUE (STH 38)
OAKWOOD ROAD TO GRANGE AVENUE
STH 38 MILWAUKEE COUNTY

THE SOUTHEAST 1/4 OF THE SOUTHEAST 1/4 OF SECTION 8 AND THE SOUTHWEST 1/4 OF THE SOUTHWEST 1/4 OF SECTION 9,TOWNSHIP 5 NORTH, RANGE 22 EAST, CITY OF OAK CREEK, MILWAUKEE COUNTY, WISCONSIN



REV 01/08/2026
REV 04/25/2025
REV 03/24/2025

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	TLE S.F.
51	STERLING OAK CREEK LLC	TLE	744
52	GUARDIAN CREDIT UNION	TLE	1010

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
100	AT&T WISCONSIN	RELEASE OF RIGHTS
102	WE ENERGIES (ELECTRIC)	RELEASE OF RIGHTS
108	CITY OF OAK CREEK	RELEASE OF RIGHTS

FILE NAME : 2060-20-00_040101_RP.DWG PLOT DATE : 1/19/2026 11:31 AM R/W PROJECT: 2060-20-20

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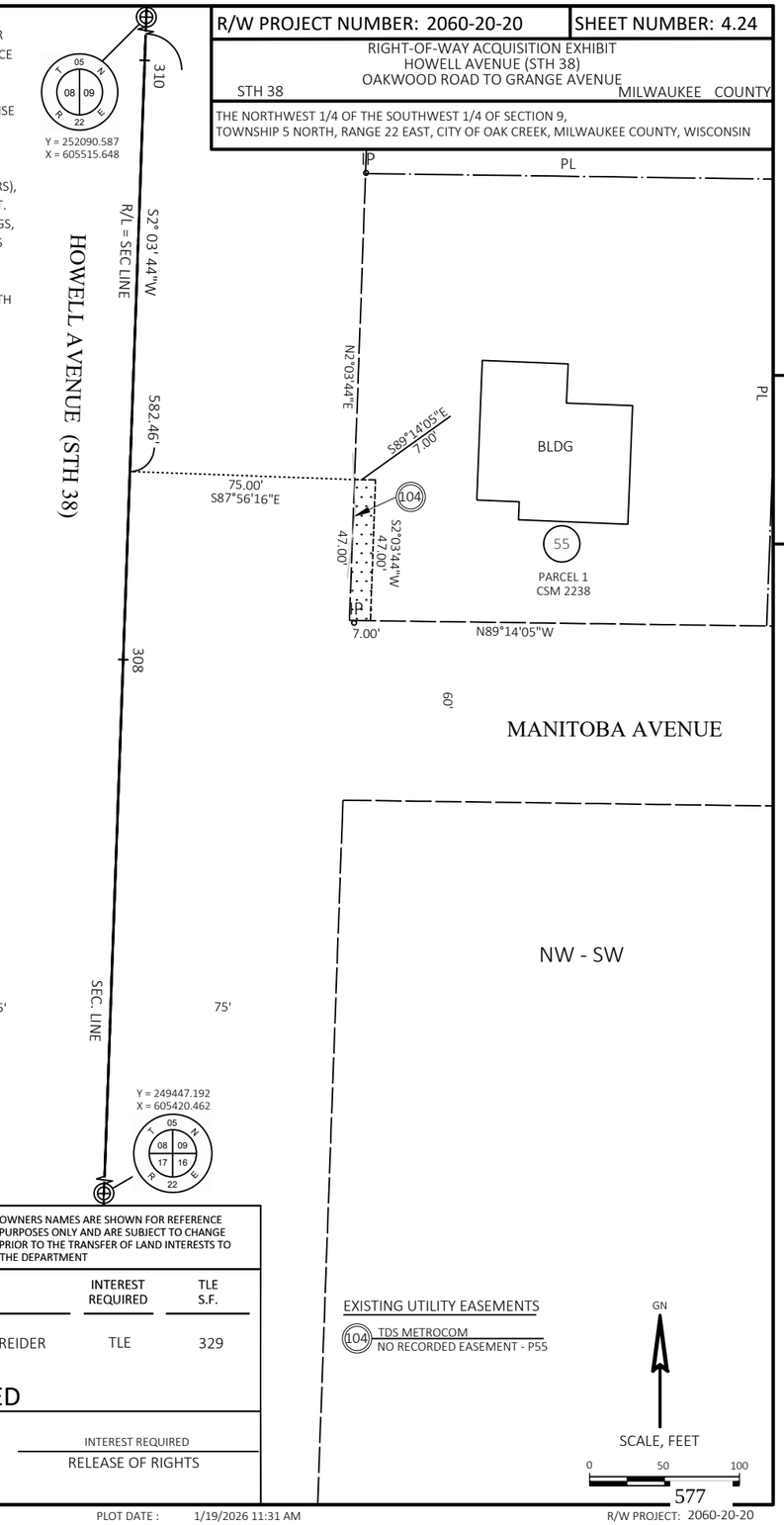
EXISTING HIGHWAY RIGHT OF WAY FOR HOWELL AVE (STH 38) ESTABLISHED FROM PROJECT NO. T0834(7).

EXISTING HIGHWAY RIGHT OF WAY FOR MANIOBA AVE. ESTABLISHED FROM PROJECT T0834(7) AND CSM 2238.

R/W PROJECT NUMBER: 2060-20-20 | SHEET NUMBER: 4.24

RIGHT-OF-WAY ACQUISITION EXHIBIT
HOWELL AVENUE (STH 38)
OAKWOOD ROAD TO GRANGE AVENUE
STH 38 MILWAUKEE COUNTY

THE NORTHWEST 1/4 OF THE SOUTHWEST 1/4 OF SECTION 9, TOWNSHIP 5 NORTH, RANGE 22 EAST, CITY OF OAK CREEK, MILWAUKEE COUNTY, WISCONSIN



REV 01/08/2026
REV 04/25/2025
REV 03/24/2025

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	TLE S.F.
54	REMOVED		
55	OWEN E. BREIDER & SHARON B. BREIDER	TLE	329

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
104	TDS METROCOM, LLC	RELEASE OF RIGHTS

FILE NAME : 2060-20-00_040101_RP.DWG PLOT DATE : 1/19/2026 11:31 AM R/W PROJECT: 2060-20-20

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EXISTING HIGHWAY RIGHT OF WAY FOR HOWELL AVE (STH 38) AND W. MARQUETTE AVE. ESTABLISHED FROM PROJECT NO. 2060-15-21 AND CSM 2195.

R/W PROJECT NUMBER: 2060-20-20	SHEET NUMBER: 4.25

RIGHT-OF-WAY ACQUISITION EXHIBIT
HOWELL AVENUE (STH 38)
OAKWOOD ROAD TO GRANGE AVENUE

STH 38 MILWAUKEE COUNTY

THE SOUTHEAST 1/4 OF THE NORTHEAST 1/4 OF SECTION 8 AND THE SOUTHWEST 1/4 OF THE NORTHWEST 1/4 OF SECTION 9,TOWNSHIP 5 NORTH, RANGE 22 EAST, CITY OF OAK CREEK, MILWAUKEE COUNTY, WISCONSIN

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT

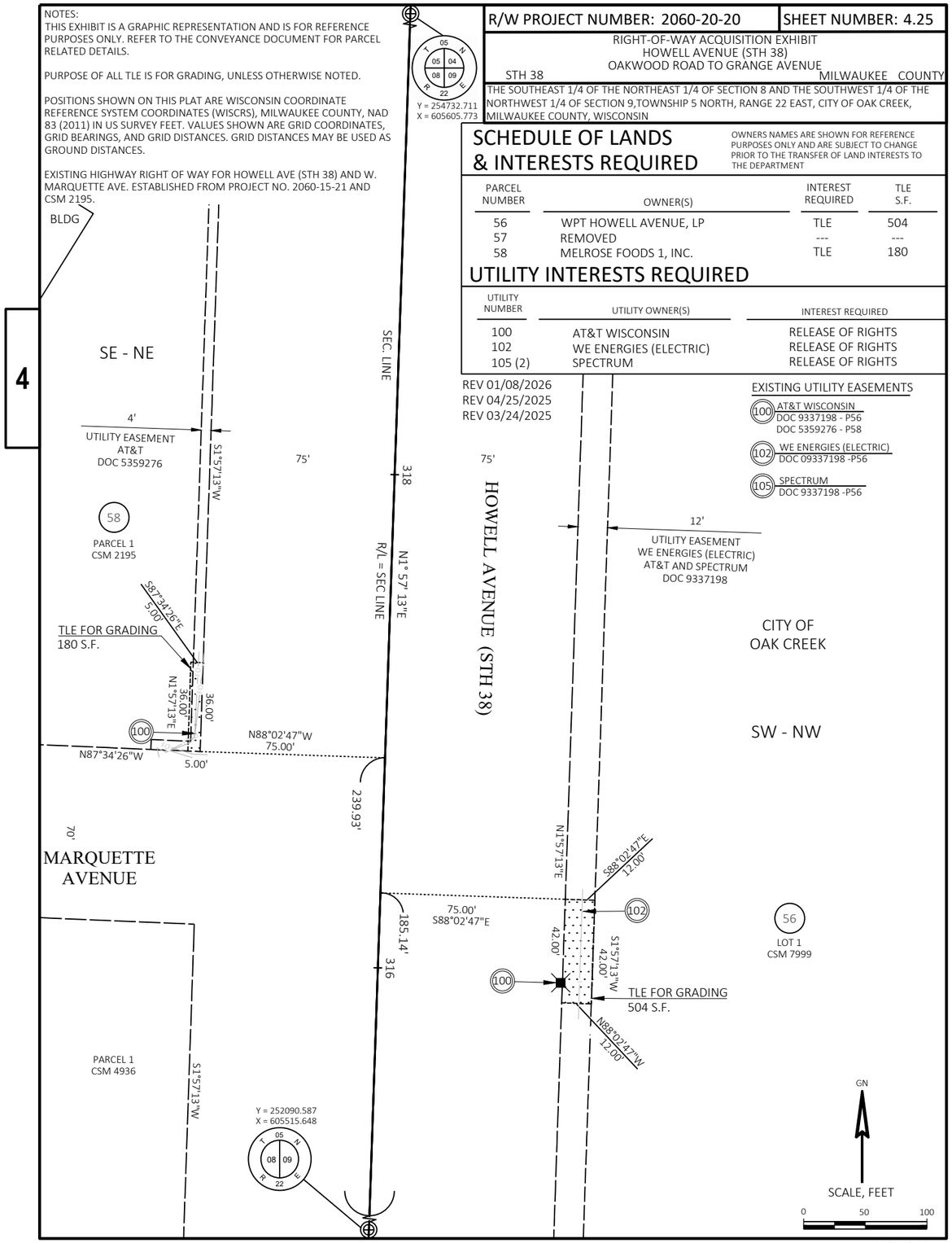
PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	TLE S.F.
56	WPT HOWELL AVENUE, LP	TLE	504
57	REMOVED	---	---
58	MELROSE FOODS 1, INC.	TLE	180

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
100	AT&T WISCONSIN	RELEASE OF RIGHTS
102	WE ENERGIES (ELECTRIC)	RELEASE OF RIGHTS
105 (2)	SPECTRUM	RELEASE OF RIGHTS

REV 01/08/2026
REV 04/25/2025
REV 03/24/2025

EXISTING UTILITY EASEMENTS
(100) AT&T WISCONSIN
DOC 9337198 - P56
DOC 5359276 - P58
(102) WE ENERGIES (ELECTRIC)
DOC 09337198 -P56
(105) SPECTRUM
DOC 9337198 -P56



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EXISTING HIGHWAY RIGHT OF WAY FOR HOWELL AVE (STH 38) ESTABLISHED FROM PROJECT NO. 2060-15-21.

EXISTING HIGHWAY RIGHT OF WAY FOR MAHN COURT ESTABLISHED FROM PROJECT NO. 2060-15-21, CSM 6838 AND CSM 7999.

R/W PROJECT NUMBER: 2060-20-20	SHEET NUMBER: 4.26

RIGHT-OF-WAY ACQUISITION EXHIBIT
HOWELL AVENUE (STH 38)
OAKWOOD ROAD TO GRANGE AVENUE

STH 38 MILWAUKEE COUNTY

THE SOUTHEAST 1/4 OF THE NORTHEAST 1/4 OF SECTION 8 AND THE SOUTHWEST 1/4 OF THE NORTHWEST 1/4 OF SECTION 9, TOWNSHIP 5 NORTH, RANGE 22 EAST, CITY OF OAK CREEK, MILWAUKEE COUNTY, WISCONSIN

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT

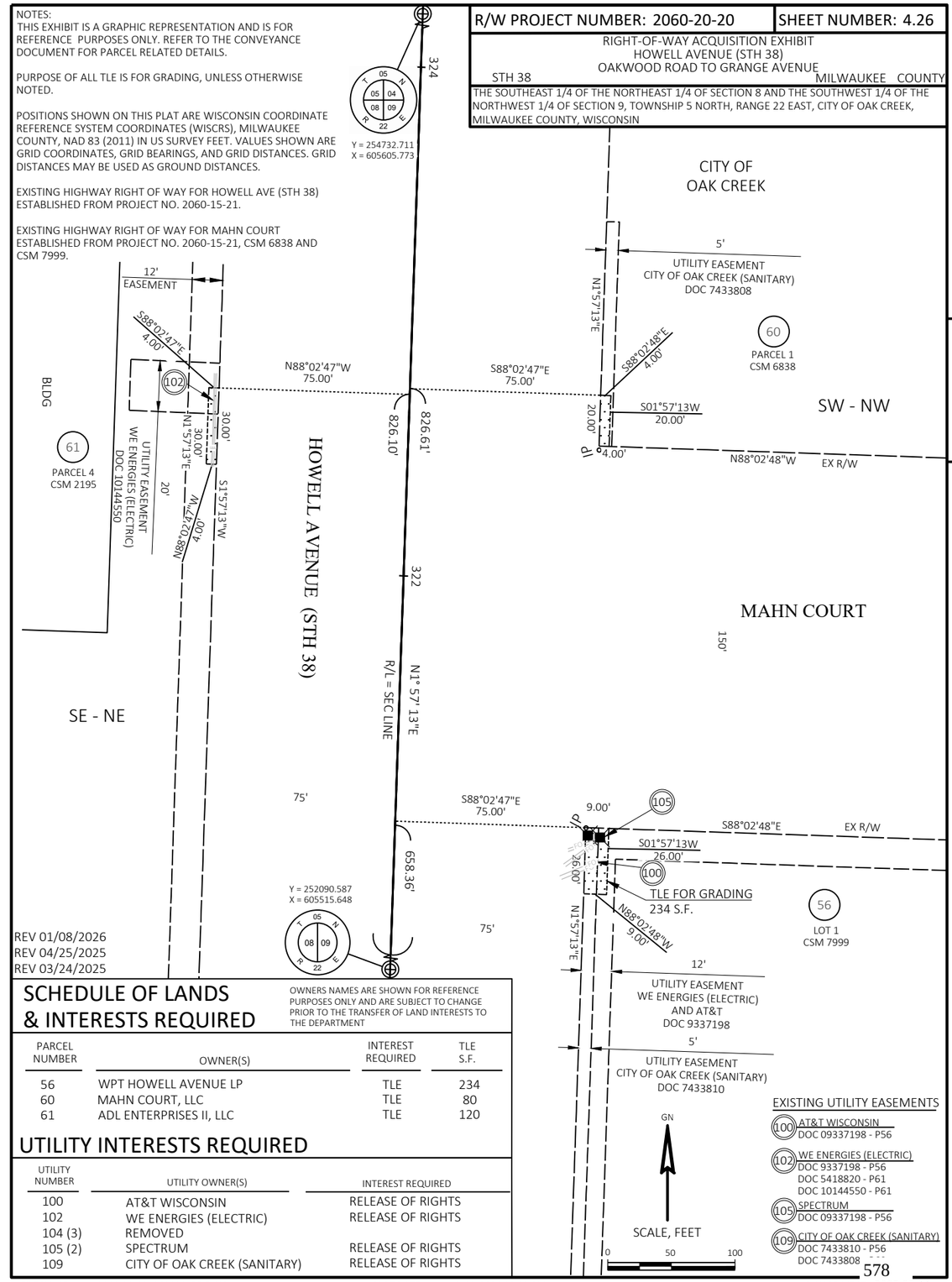
PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	TLE S.F.
56	WPT HOWELL AVENUE LP	TLE	234
60	MAHN COURT, LLC	TLE	80
61	ADL ENTERPRISES II, LLC	TLE	120

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
100	AT&T WISCONSIN	RELEASE OF RIGHTS
102	WE ENERGIES (ELECTRIC)	RELEASE OF RIGHTS
104 (3)	REMOVED	
105 (2)	SPECTRUM	RELEASE OF RIGHTS
109	CITY OF OAK CREEK (SANITARY)	RELEASE OF RIGHTS

REV 01/08/2026
REV 04/25/2025
REV 03/24/2025

EXISTING UTILITY EASEMENTS
(100) AT&T WISCONSIN
DOC 09337198 - P56
(102) WE ENERGIES (ELECTRIC)
DOC 9337198 - P56
DOC 5418820 - P61
DOC 10144550 - P61
(105) SPECTRUM
DOC 09337198 - P56
(109) CITY OF OAK CREEK (SANITARY)
DOC 7433810 - P56
DOC 7433808



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EXISTING HIGHWAY RIGHT OF WAY FOR HOWELL AVE (STH 38) ESTABLISHED FROM PROJECT NO. 2060-15-21.

RIGHT-OF-WAY ACQUISITION EXHIBIT
HOWELL AVENUE (STH 38)
OAKWOOD ROAD TO GRANGE AVENUE
STH 38 MILWAUKEE COUNTY

THE NORTHWEST 1/4 OF THE SOUTHWEST 1/4 OF SECTION 4, TOWNSHIP 5 NORTH, RANGE 22 EAST, CITY OF OAK CREEK, MILWAUKEE COUNTY, WISCONSIN

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT

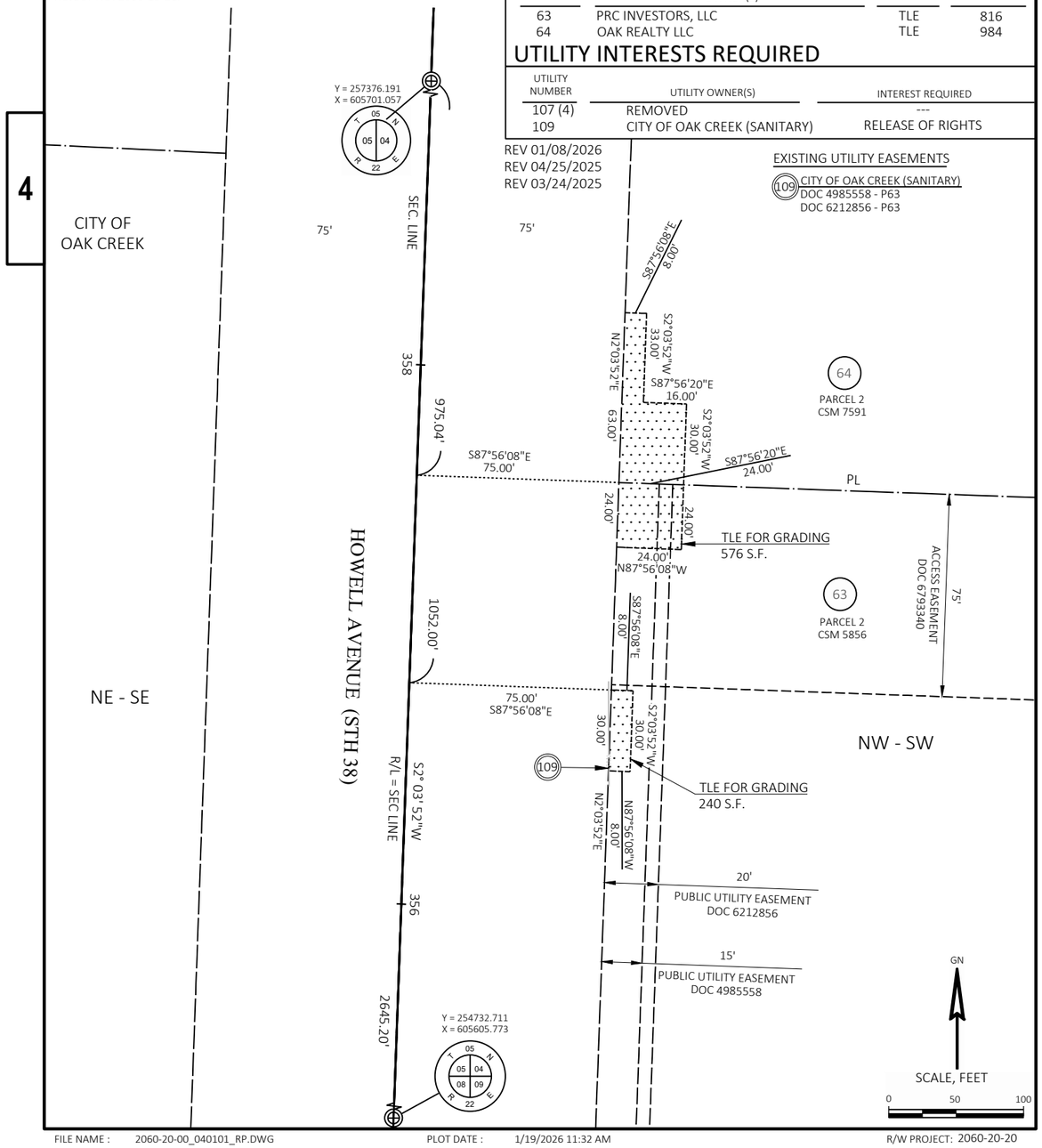
PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	TLE S.F.
63	PRC INVESTORS, LLC	TLE	816
64	OAK REALTY LLC	TLE	984

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
107 (4)	REMOVED	---
109	CITY OF OAK CREEK (SANITARY)	RELEASE OF RIGHTS

REV 01/08/2026
REV 04/25/2025
REV 03/24/2025

EXISTING UTILITY EASEMENTS
(109) CITY OF OAK CREEK (SANITARY)
DOC 4985558 - P63
DOC 6212856 - P63



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EXISTING HIGHWAY RIGHT OF WAY FOR HOWELL AVE (STH 38) ESTABLISHED FROM PROJECT NO. 2060-15-21.

RIGHT-OF-WAY ACQUISITION EXHIBIT
HOWELL AVENUE (STH 38)
OAKWOOD ROAD TO GRANGE AVENUE
STH 38 MILWAUKEE COUNTY

THE NORTHWEST 1/4 OF THE SOUTHWEST 1/4 OF SECTION 4, TOWNSHIP 5 NORTH, RANGE 22 EAST, CITY OF OAK CREEK, MILWAUKEE COUNTY, WISCONSIN

REV 01/08/2026
REV 04/25/2025
REV 03/24/2025

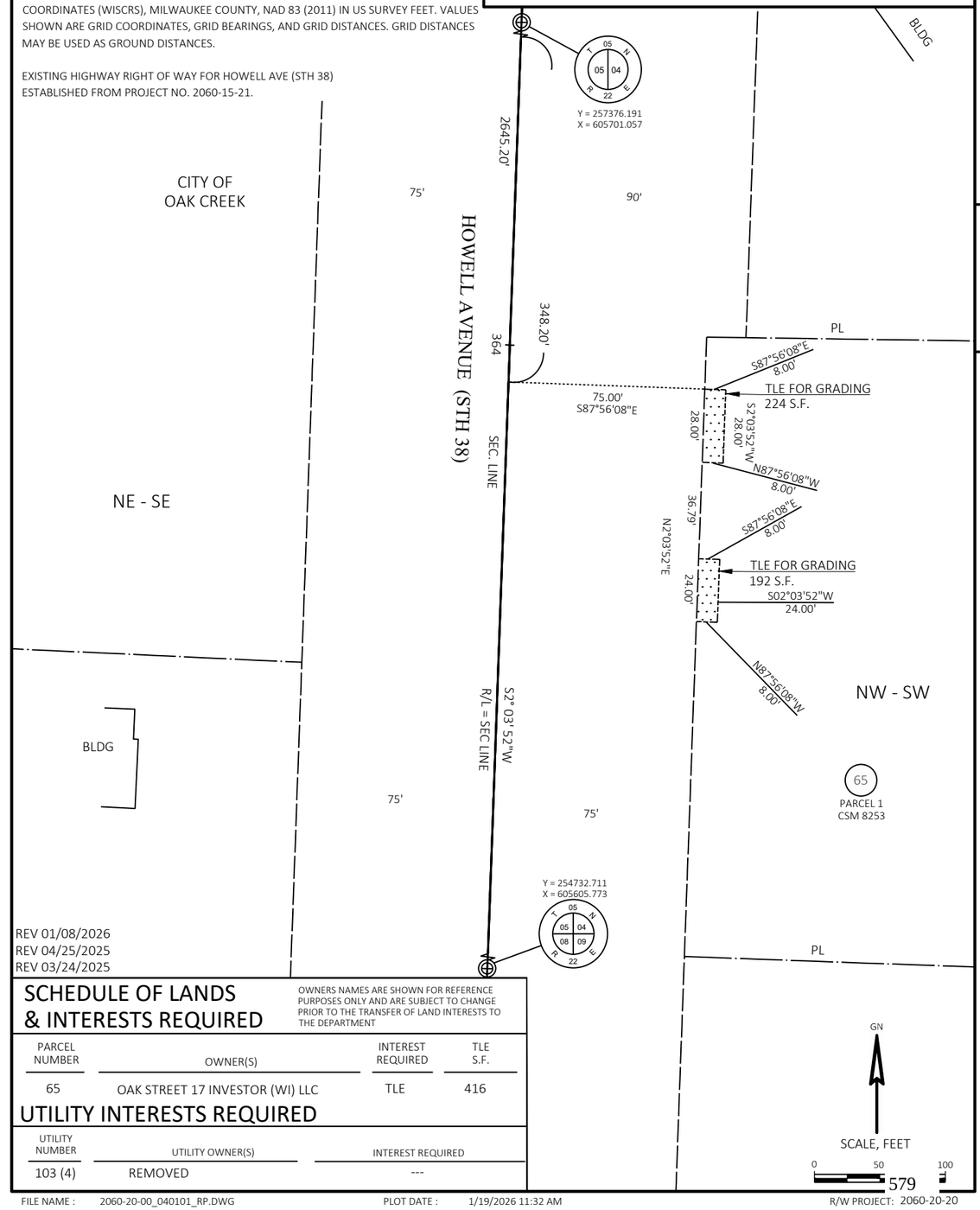
SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	TLE S.F.
65	OAK STREET 17 INVESTOR (WI) LLC	TLE	416

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
103 (4)	REMOVED	---



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EXISTING HIGHWAY RIGHT OF WAY FOR HOWELL AVE (STH 38) ESTABLISHED FROM PROJECT NO. 2060-15-21.

EXISTING HIGHWAY RIGHT OF WAY FOR E. OAK ST. ESTABLISHED FROM PROJECT NO. 2060-15-21 AND CSM 8510.

R/W PROJECT NUMBER: 2060-20-20 | SHEET NUMBER: 4.29

RIGHT-OF-WAY ACQUISITION EXHIBIT
HOWELL AVENUE (STH 38)
OAKWOOD ROAD TO GRANGE AVENUE
STH 38 MILWAUKEE COUNTY

THE SOUTHWEST 1/4 OF THE NORTHWEST 1/4 OF SECTION 4, TOWNSHIP 5 NORTH, RANGE 22 EAST, CITY OF OAK CREEK, MILWAUKEE COUNTY, WISCONSIN

SCHEDULE OF LANDS & INTERESTS REQUIRED

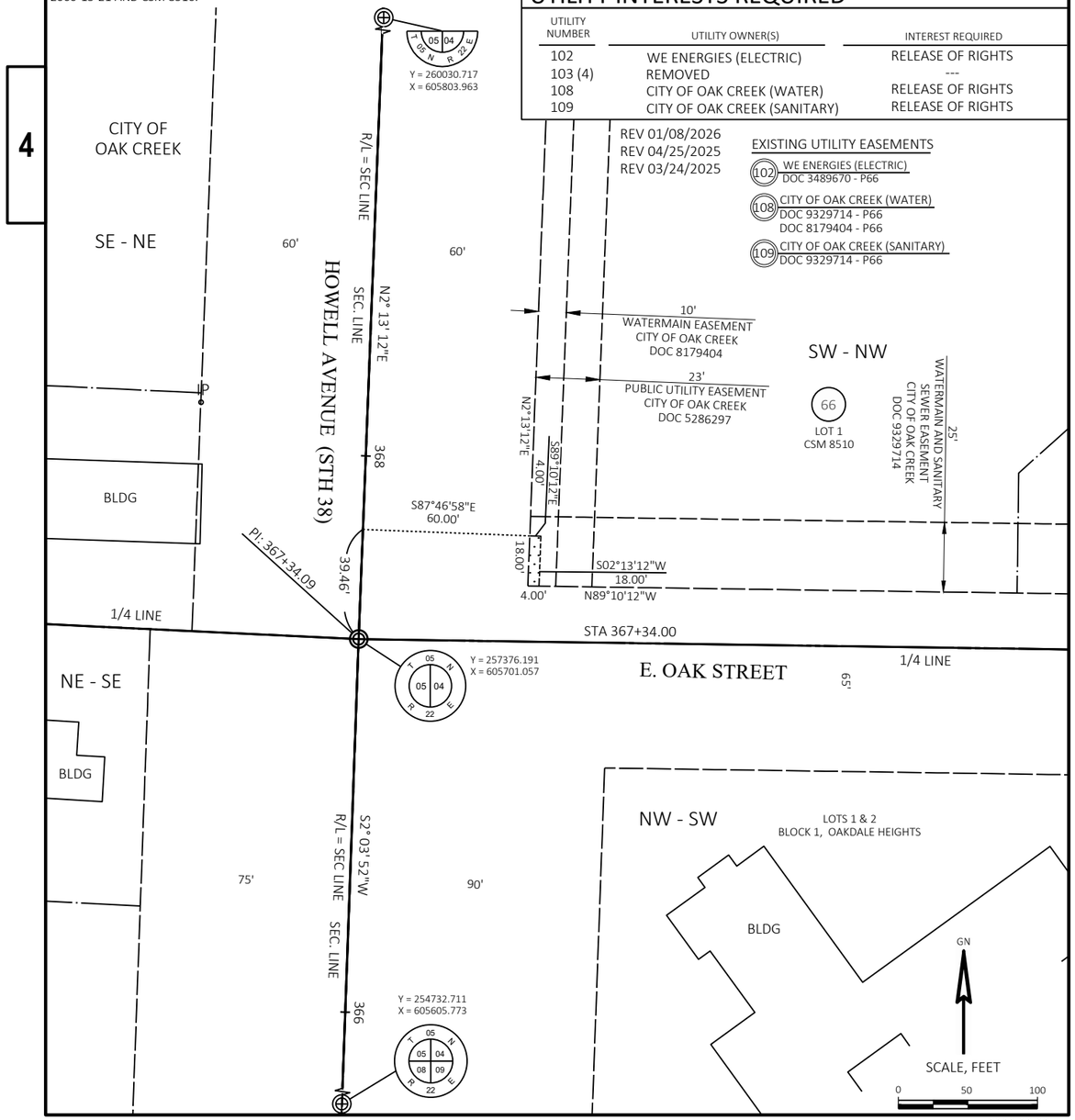
OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	TLE S.F.
66	MINI-RENTALS, INC.	TLE	72

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
102	WE ENERGIES (ELECTRIC)	RELEASE OF RIGHTS
103 (4)	REMOVED	---
108	CITY OF OAK CREEK (WATER)	RELEASE OF RIGHTS
109	CITY OF OAK CREEK (SANITARY)	RELEASE OF RIGHTS

REV 01/08/2026
REV 04/25/2025
REV 03/24/2025



FILE NAME : 2060-20-00_040101_RP.DWG PLOT DATE : 1/19/2026 11:32 AM R/W PROJECT: 2060-20-20

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EXISTING HIGHWAY RIGHT OF WAY FOR HOWELL AVE (STH 38) ESTABLISHED FROM PROJECT NO. 2060-15-21.

R/W PROJECT NUMBER: 2060-20-20 | SHEET NUMBER: 4.30

RIGHT-OF-WAY ACQUISITION EXHIBIT
HOWELL AVENUE (STH 38)
OAKWOOD ROAD TO GRANGE AVENUE
STH 38 MILWAUKEE COUNTY

SOUTHEAST 1/4 OF THE NORTHEAST 1/4 OF SECTION 5, TOWNSHIP 5 NORTH, RANGE 22 EAST, CITY OF OAK CREEK, MILWAUKEE COUNTY, WISCONSIN

SCHEDULE OF LANDS & INTERESTS REQUIRED

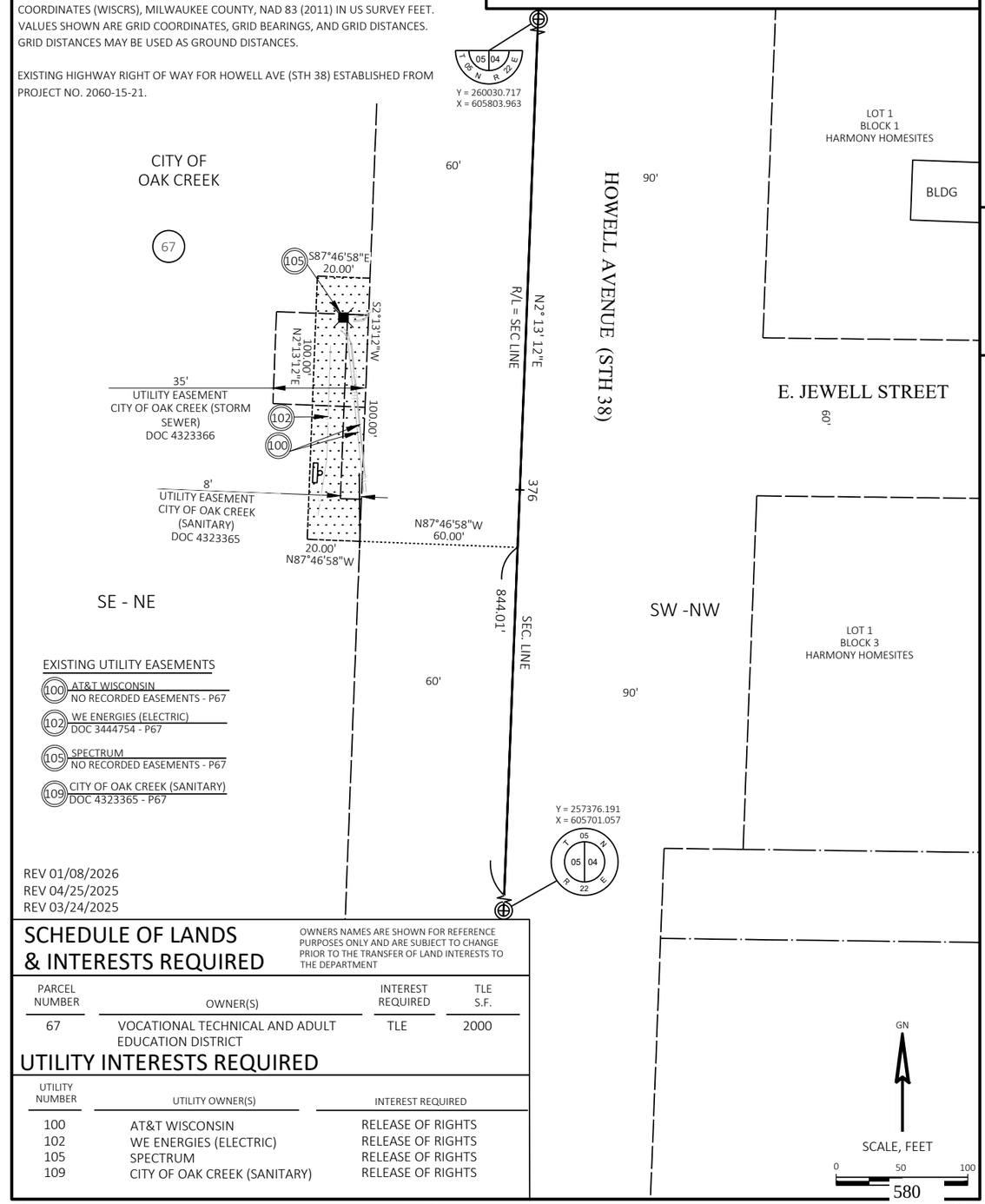
OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	TLE S.F.
67	VOCATIONAL TECHNICAL AND ADULT EDUCATION DISTRICT	TLE	2000

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
100	AT&T WISCONSIN	RELEASE OF RIGHTS
102	WE ENERGIES (ELECTRIC)	RELEASE OF RIGHTS
105	SPECTRUM	RELEASE OF RIGHTS
109	CITY OF OAK CREEK (SANITARY)	RELEASE OF RIGHTS

REV 01/08/2026
REV 04/25/2025
REV 03/24/2025



FILE NAME : 2060-20-00_040101_RP.DWG PLOT DATE : 1/19/2026 11:32 AM R/W PROJECT: 2060-20-20

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PURPOSE OF ALL TLE IS FOR GRADING, UNLESS OTHERWISE NOTED.

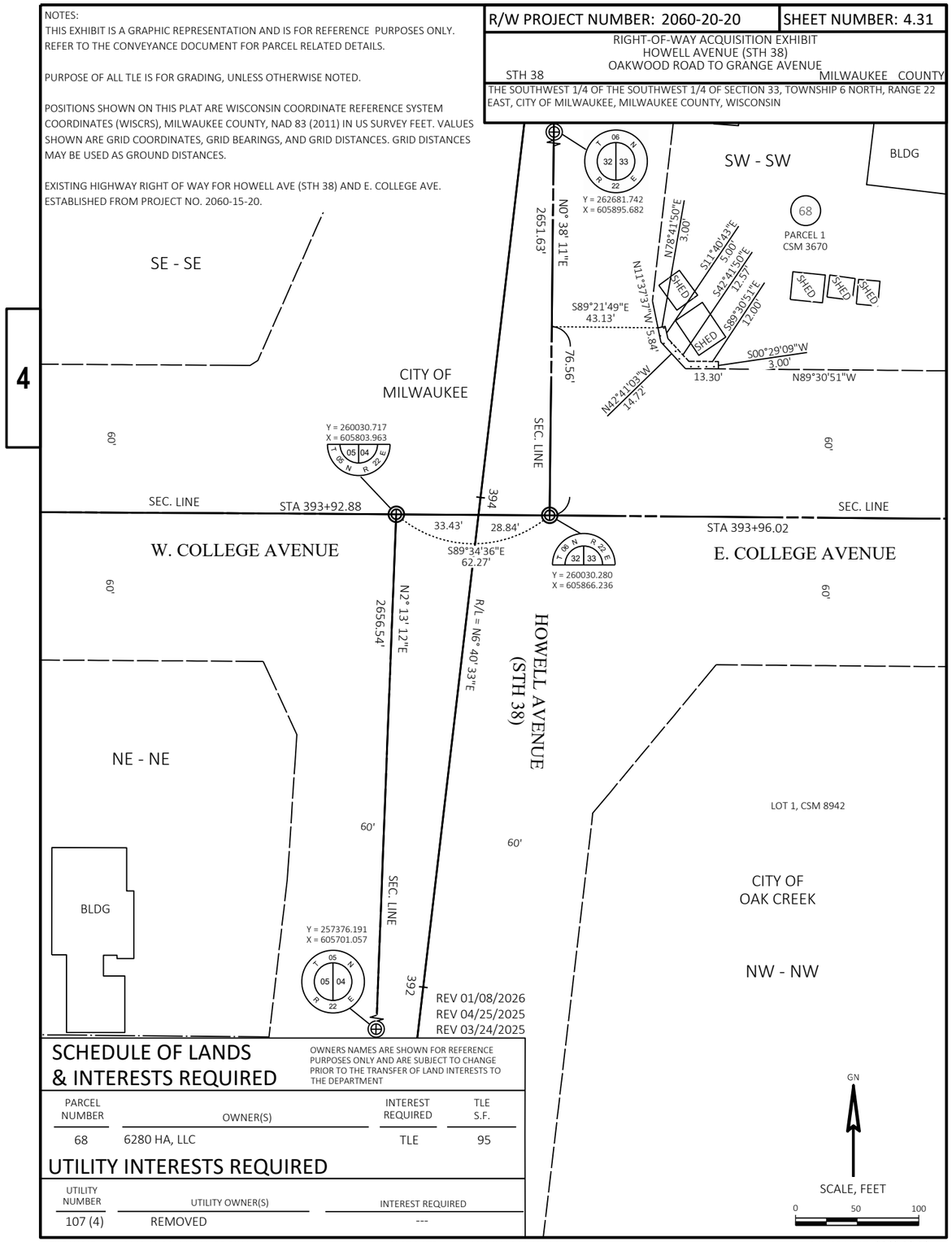
POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), MILWAUKEE COUNTY, NAD 83 (2011) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

EXISTING HIGHWAY RIGHT OF WAY FOR HOWELL AVE (STH 38) AND E. COLLEGE AVE. ESTABLISHED FROM PROJECT NO. 2060-15-20.

R/W PROJECT NUMBER: 2060-20-20 | SHEET NUMBER: 4.31

RIGHT-OF-WAY ACQUISITION EXHIBIT
HOWELL AVENUE (STH 38)
OAKWOOD ROAD TO GRANGE AVENUE
STH 38 MILWAUKEE COUNTY

THE SOUTHWEST 1/4 OF THE SOUTHWEST 1/4 OF SECTION 33, TOWNSHIP 6 NORTH, RANGE 22 EAST, CITY OF MILWAUKEE, MILWAUKEE COUNTY, WISCONSIN



REV 01/08/2026
REV 04/25/2025
REV 03/24/2025

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	TLE S.F.
68	6280 HA, LLC	TLE	95

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
107 (4)	REMOVED	---

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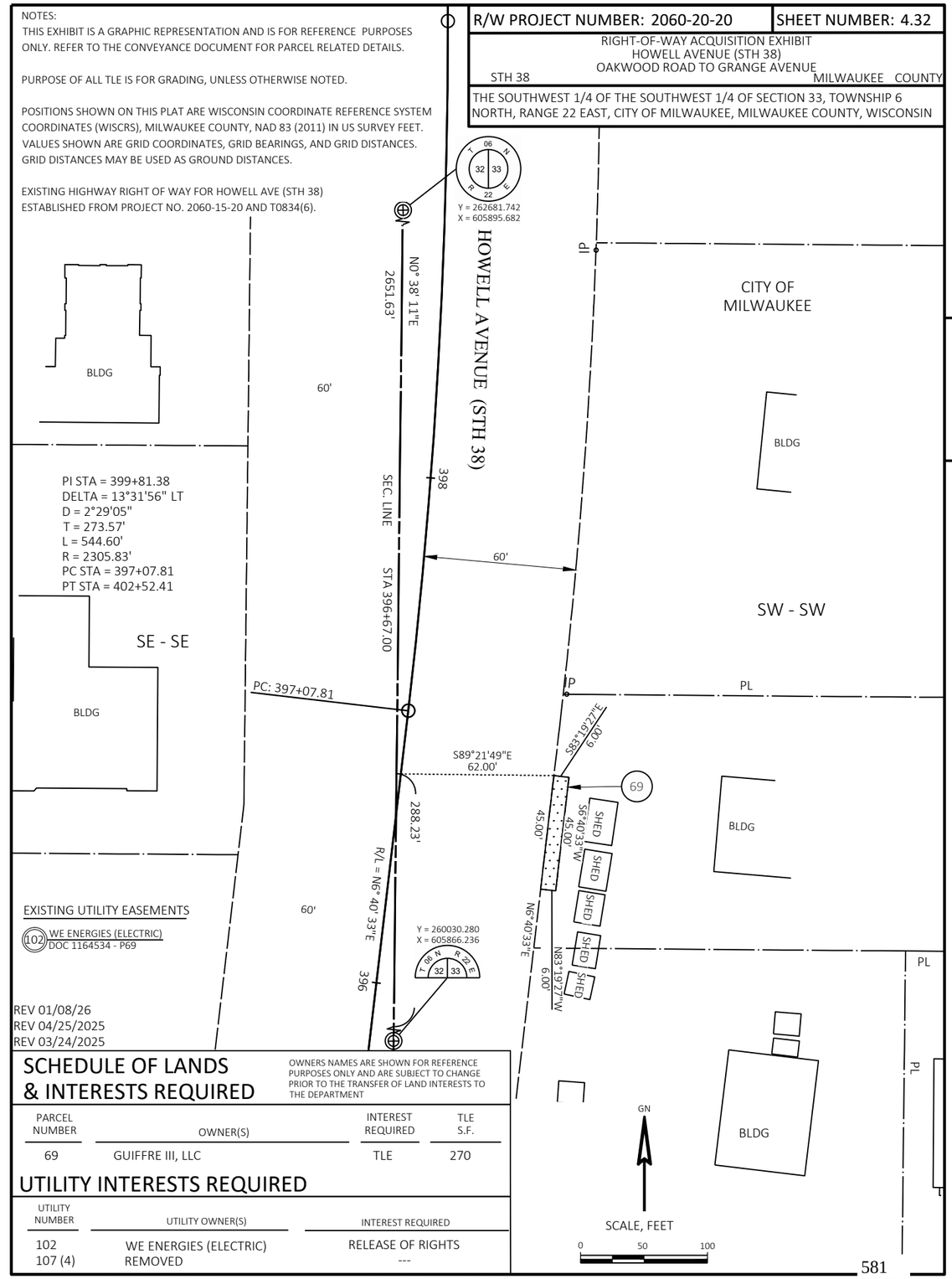
EXISTING HIGHWAY RIGHT OF WAY FOR HOWELL AVE (STH 38) ESTABLISHED FROM PROJECT NO. 2060-15-20 AND T0834(6).

R/W PROJECT NUMBER: 2060-20-20 | SHEET NUMBER: 4.32

RIGHT-OF-WAY ACQUISITION EXHIBIT
HOWELL AVENUE (STH 38)
OAKWOOD ROAD TO GRANGE AVENUE
STH 38 MILWAUKEE COUNTY

THE SOUTHWEST 1/4 OF THE SOUTHWEST 1/4 OF SECTION 33, TOWNSHIP 6 NORTH, RANGE 22 EAST, CITY OF MILWAUKEE, MILWAUKEE COUNTY, WISCONSIN



REV 01/08/26
REV 04/25/2025
REV 03/24/2025

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	TLE S.F.
69	GUIFFRE III, LLC	TLE	270

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
102	WE ENERGIES (ELECTRIC)	RELEASE OF RIGHTS
107 (4)	REMOVED	---

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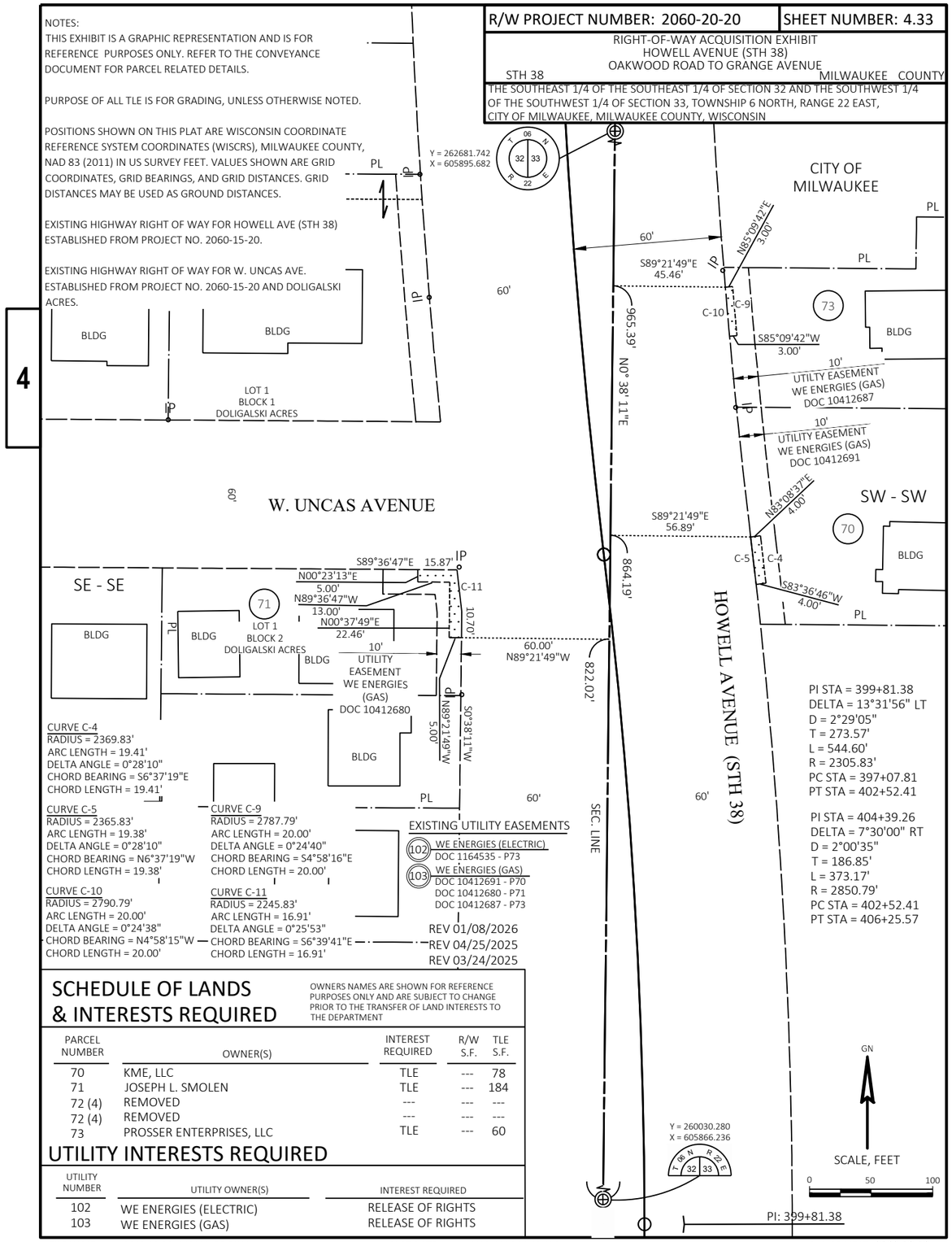
EXISTING HIGHWAY RIGHT OF WAY FOR HOWELL AVE (STH 38) ESTABLISHED FROM PROJECT NO. 2060-15-20.

EXISTING HIGHWAY RIGHT OF WAY FOR W. UNCAS AVE. ESTABLISHED FROM PROJECT NO. 2060-15-20 AND DOLIGALSKI ACRES.

R/W PROJECT NUMBER: 2060-20-20 | SHEET NUMBER: 4.33

RIGHT-OF-WAY ACQUISITION EXHIBIT
HOWELL AVENUE (STH 38)
OAKWOOD ROAD TO GRANGE AVENUE
STH 38 MILWAUKEE COUNTY

THE SOUTHEAST 1/4 OF THE SOUTHEAST 1/4 OF SECTION 32 AND THE SOUTHWEST 1/4 OF THE SOUTHWEST 1/4 OF SECTION 33, TOWNSHIP 6 NORTH, RANGE 22 EAST, CITY OF MILWAUKEE, MILWAUKEE COUNTY, WISCONSIN



PI STA = 399+81.38
DELTA = 13°31'56" LT
D = 2°29'05"
T = 273.57'
L = 544.60'
R = 2305.83'
PC STA = 397+07.81
PT STA = 402+52.41

PI STA = 404+39.26
DELTA = 7°30'00" RT
D = 2°00'35"
T = 186.85'
L = 373.17'
R = 2850.79'
PC STA = 402+52.41
PT STA = 406+25.57

PI: 399+81.38

CURVE C-4
RADIUS = 2369.83'
ARC LENGTH = 19.41'
DELTA ANGLE = 0°28'10"
CHORD BEARING = S6°37'19"E
CHORD LENGTH = 19.41'

CURVE C-5
RADIUS = 2365.83'
ARC LENGTH = 19.38'
DELTA ANGLE = 0°28'10"
CHORD BEARING = N6°37'19"W
CHORD LENGTH = 19.38'

CURVE C-10
RADIUS = 2790.79'
ARC LENGTH = 20.00'
DELTA ANGLE = 0°24'38"
CHORD BEARING = N4°58'15"W
CHORD LENGTH = 20.00'

CURVE C-9
RADIUS = 2787.79'
ARC LENGTH = 20.00'
DELTA ANGLE = 0°24'40"
CHORD BEARING = S4°58'16"E
CHORD LENGTH = 20.00'

CURVE C-11
RADIUS = 2245.83'
ARC LENGTH = 16.91'
DELTA ANGLE = 0°25'53"
CHORD BEARING = S6°39'41"E
CHORD LENGTH = 16.91'

EXISTING UTILITY EASEMENTS
(102) WE ENERGIES (ELECTRIC) DOC 1164535 - P73
(103) WE ENERGIES (GAS) DOC 10412691 - P70, DOC 10412680 - P71, DOC 10412687 - P73

REV 01/08/2026
REV 04/25/2025
REV 03/24/2025

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	R/W S.F.	TLE S.F.
70	KME, LLC	TLE	---	78
71	JOSEPH L. SMOLEN	TLE	---	184
72 (4)	REMOVED	---	---	---
72 (4)	REMOVED	---	---	---
73	PROSSER ENTERPRISES, LLC	TLE	---	60

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
102	WE ENERGIES (ELECTRIC)	RELEASE OF RIGHTS
103	WE ENERGIES (GAS)	RELEASE OF RIGHTS

FILE NAME : 2060-20-00_040101_RP.DWG PLOT DATE : 1/19/2026 11:33 AM R/W PROJECT: 2060-20-20

4

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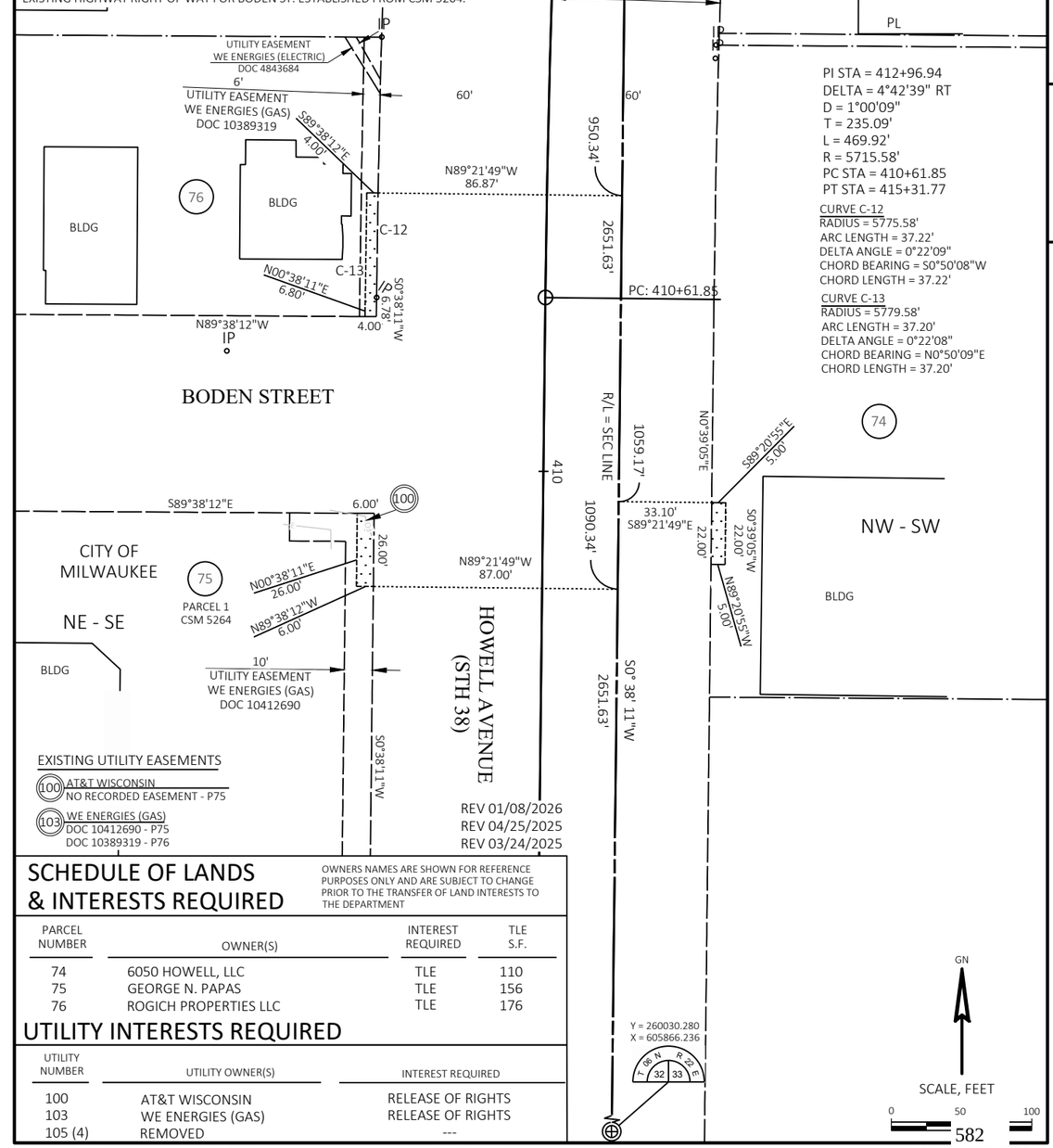
EXISTING HIGHWAY RIGHT OF WAY FOR HOWELL AVE (STH 38) ESTABLISHED FROM PROJECT NO. T0834(6).

EXISTING HIGHWAY RIGHT OF WAY FOR BODEN ST. ESTABLISHED FROM CSM 5264.

R/W PROJECT NUMBER: 2060-20-20 | SHEET NUMBER: 4.34

RIGHT-OF-WAY ACQUISITION EXHIBIT
HOWELL AVENUE (STH 38)
OAKWOOD ROAD TO GRANGE AVENUE
STH 38 MILWAUKEE COUNTY

THE NORTHEAST 1/4 OF THE SOUTHEAST 1/4 OF SECTION 32 AND THE NORTHWEST 1/4 OF THE SOUTHWEST 1/4 OF SECTION 33, TOWNSHIP 6 NORTH, RANGE 22 EAST, CITY OF MILWAUKEE, MILWAUKEE COUNTY, WISCONSIN



PI STA = 412+96.94
DELTA = 4°42'39" RT
D = 1°00'09"
T = 235.09'
L = 469.92'
R = 5715.58'
PC STA = 410+61.85
PT STA = 415+31.77

CURVE C-12
RADIUS = 5775.58'
ARC LENGTH = 37.22'
DELTA ANGLE = 0°22'09"
CHORD BEARING = S0°50'08"W
CHORD LENGTH = 37.22'

CURVE C-13
RADIUS = 5779.58'
ARC LENGTH = 37.20'
DELTA ANGLE = 0°22'08"
CHORD BEARING = N0°50'09"E
CHORD LENGTH = 37.20'

EXISTING UTILITY EASEMENTS
(100) AT&T WISCONSIN NO RECORDED EASEMENT - P75
(103) WE ENERGIES (GAS) DOC 10412690 - P75, DOC 10389319 - P76

REV 01/08/2026
REV 04/25/2025
REV 03/24/2025

SCHEDULE OF LANDS & INTERESTS REQUIRED

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PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	TLE S.F.
74	6050 HOWELL, LLC	TLE	110
75	GEORGE N. PAPAS	TLE	156
76	ROGICH PROPERTIES LLC	TLE	176

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
100	AT&T WISCONSIN	RELEASE OF RIGHTS
103	WE ENERGIES (GAS)	RELEASE OF RIGHTS
105 (4)	REMOVED	---

FILE NAME : 2060-20-00_040101_RP.DWG PLOT DATE : 1/19/2026 11:33 AM R/W PROJECT: 2060-20-20

4

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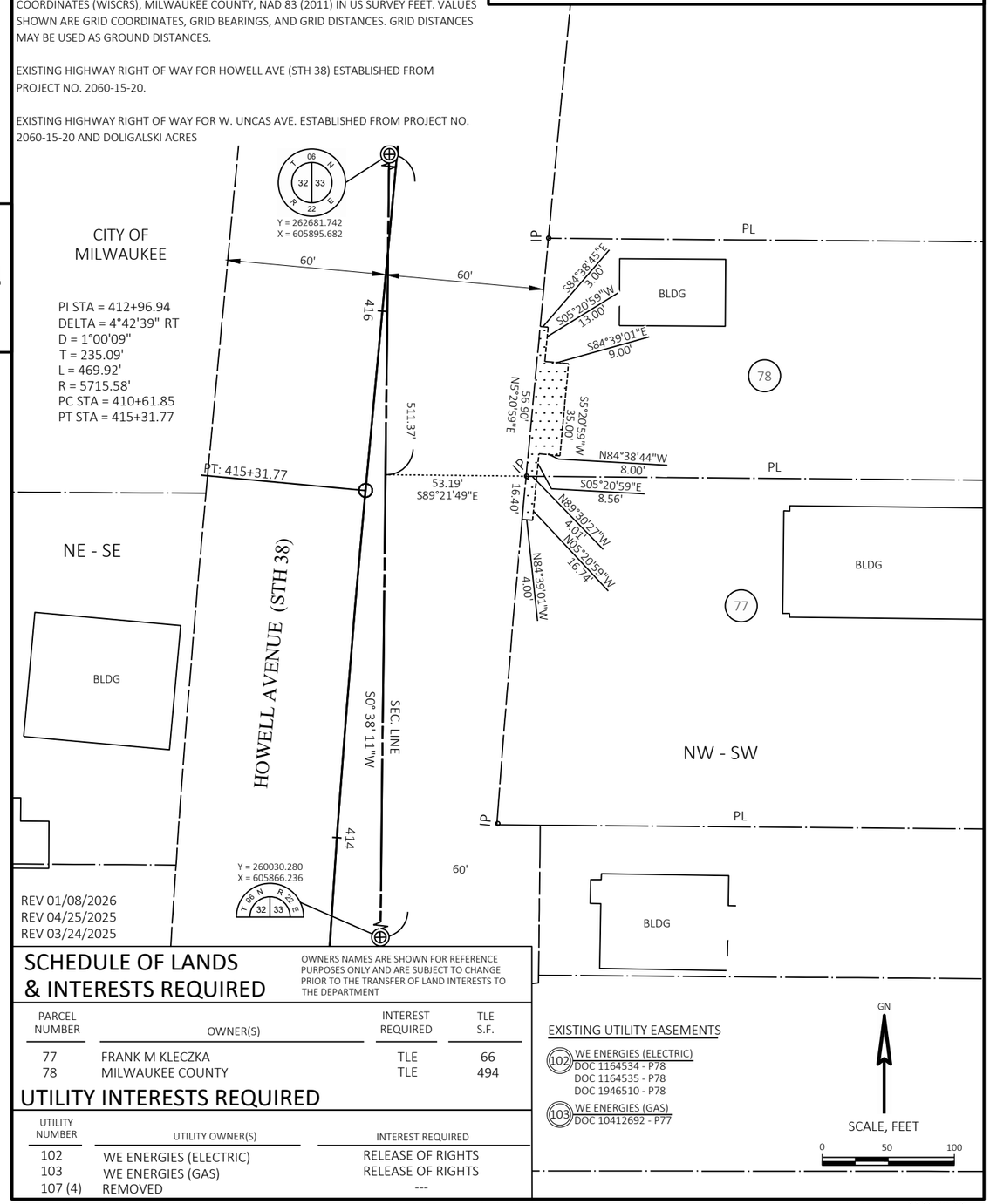
EXISTING HIGHWAY RIGHT OF WAY FOR HOWELL AVE (STH 38) ESTABLISHED FROM PROJECT NO. 2060-15-20.

EXISTING HIGHWAY RIGHT OF WAY FOR W. UNCAS AVE. ESTABLISHED FROM PROJECT NO. 2060-15-20 AND DOLIGALSKI ACRES

R/W PROJECT NUMBER: 2060-20-20 | SHEET NUMBER: 4.35

RIGHT-OF-WAY ACQUISITION EXHIBIT
HOWELL AVENUE (STH 38)
OAKWOOD ROAD TO GRANGE AVENUE
STH 38 MILWAUKEE COUNTY

THE NORTHWEST 1/4 OF THE SOUTHWEST 1/4 OF SECTION 33, TOWNSHIP 6 NORTH, RANGE 22 EAST, CITY OF MILWAUKEE, MILWAUKEE COUNTY, WISCONSIN



SCHEDULE OF LANDS & INTERESTS REQUIRED

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PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	TLE S.F.
77	FRANK M KLECZKA	TLE	66
78	MILWAUKEE COUNTY	TLE	494

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
102	WE ENERGIES (ELECTRIC)	RELEASE OF RIGHTS
103	WE ENERGIES (GAS)	RELEASE OF RIGHTS
107 (4)	REMOVED	---

EXISTING UTILITY EASEMENTS

(102) WE ENERGIES (ELECTRIC)
DOC 1164534 - P78
DOC 1164535 - P78
DOC 1946510 - P78

(103) WE ENERGIES (GAS)
DOC 10412692 - P77

FILE NAME : 2060-20-00_040101_RP.DWG PLOT DATE : 1/19/2026 11:33 AM R/W PROJECT: 2060-20-20

4

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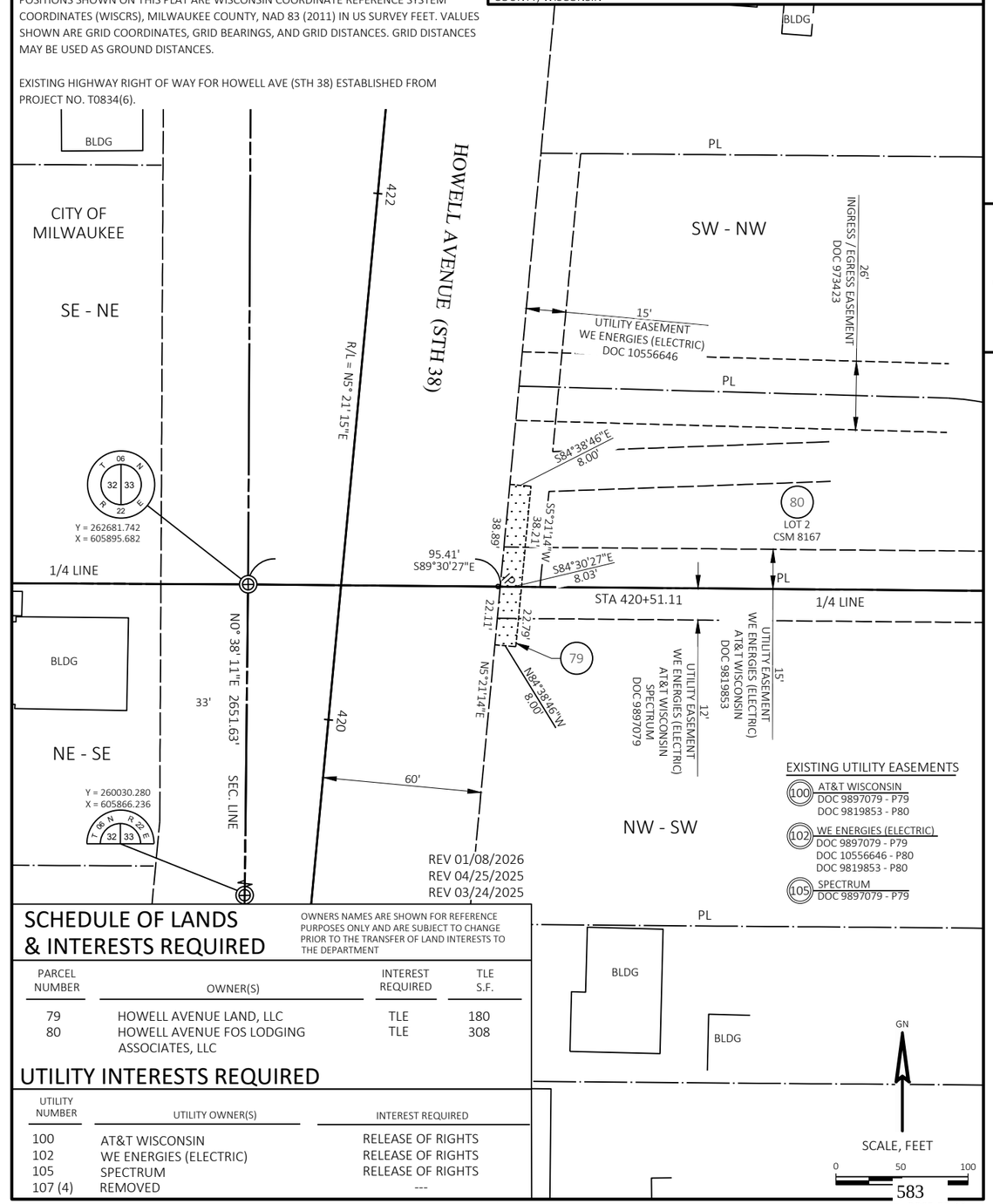
EXISTING HIGHWAY RIGHT OF WAY FOR HOWELL AVE (STH 38) ESTABLISHED FROM PROJECT NO. T0834(6).

R/W PROJECT NUMBER: 2060-20-20 | SHEET NUMBER: 4.36

RIGHT-OF-WAY ACQUISITION EXHIBIT
HOWELL AVENUE (STH 38)
OAKWOOD ROAD TO GRANGE AVENUE
STH 38 MILWAUKEE COUNTY

THE SOUTHWEST 1/4 OF THE NORTHWEST 1/4 AND THE NORTHWEST 1/4 OF THE SOUTHWEST 1/4 OF SECTION 33, TOWNSHIP 6 NORTH, RANGE 22 EAST, CITY OF MILWAUKEE, MILWAUKEE COUNTY, WISCONSIN



EXISTING UTILITY EASEMENTS

(100) AT&T WISCONSIN
DOC 9897079 - P79
DOC 9819853 - P80

(102) WE ENERGIES (ELECTRIC)
DOC 9897079 - P79
DOC 10556646 - P80
DOC 9819853 - P80

(105) SPECTRUM
DOC 9897079 - P79

SCHEDULE OF LANDS & INTERESTS REQUIRED

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PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	TLE S.F.
79	HOWELL AVENUE LAND, LLC	TLE	180
80	HOWELL AVENUE FOS LODGING ASSOCIATES, LLC	TLE	308

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
100	AT&T WISCONSIN	RELEASE OF RIGHTS
102	WE ENERGIES (ELECTRIC)	RELEASE OF RIGHTS
105	SPECTRUM	RELEASE OF RIGHTS
107 (4)	REMOVED	---

FILE NAME : 2060-20-00_040101_RP.DWG PLOT DATE : 1/19/2026 11:33 AM R/W PROJECT: 2060-20-20

Standard Detail Drawing List

08A05-22D	INLET COVERS TYPE V, V-B, & VV-B
08A08-03	CATCH BASINS 3-FT, 4-FT, 5-FT AND 6-FT DIAMETER
08C06-03	INLETS 3-FT AND 4-FT DIAMETER
08C07-03	INLETS 2X2-FT, 2X2.5-FT, 2X3-FT, 2.5X3-FT & 2X3.5-FT
08D01-24A	CONCRETE CURB & GUTTER
08D01-24B	CONCRETE CURB, TIES AND CURB AND GUTTER APPLICATIONS
08D05-22A	CURB RAMPS TYPES 1 AND 1-A
08D05-22B	CURB RAMPS TYPES 2 AND 3
08D05-22C	CURB RAMPS TYPES 4A AND 4A1
08D05-22D	CURB RAMPS TYPES 4B AND 4B1
08D05-22E	CURB RAMPS TYPES 5, 6, 7A, 7B & 8
08D05-22F	CURB RAMPS RADIAL DETECTABLE WARNING FIELD APPLICATIONS
08D05-22G	CURB RAMPS RECTANGULAR AND RADIAL DETECTABLE WARNING PLATES
08D16-11	CONCRETE GUTTER, CURB AND GUTTER AND PAVEMENT TIES
08D17-06	MANHOLES, MANHOLE & INLET COVERS
08E09-06	SILT FENCE
08E10-02	INLET PROTECTION TYPE A, B, C AND D
08F04-08	JOINT TIES FOR CONCRETE PIPE AND CONCRETE COLLAR DETAIL
09B02-10	CONDUIT
09B04-13	PULL BOX
09C02-09	CONCRETE BASES, TYPES 1, 2, 5, & 6
09C03-04	TRANSFORMER/PEDESTAL BASES
09C06-07	CONCRETE CONTROL CABINET BASE, TYPE 9, SPECIAL
09C11-11	CONCRETE BASE TYPE 10
09C15-03	CONCRETE BASE TYPE 10 SPECIAL
09C16-01	CONCRETE BASE TYPE 10 SPECIAL EXTENSION
09D01-05	CABINET SERVICE INSTALLATION (METER BREAKER PEDESTAL)
09D02-03	SIGNAL CONTROL CABINET
09E03-06	NON-FREEWAY LIGHTING UNIT POLE WIRING
09E06-06	TRAFFIC SIGNAL STANDARD POLY BRACKET MOUNTINGS (TYPICAL) 13 FT. OR 15 FT.
09E07-06	TRAFFIC SIGNAL STANDARD PEDESTRIAN AND FLASHER TYPICAL MOUNTING DETAILS
09E08-10A	TYPE 9 POLE 15'-30' MONOTUBE ARM
09E08-10B	TYPE 9 SPECIAL POLE 35' MONOTUBE ARM
09E08-10C	TYPE 9 SPECIAL POLE 40' MONOTUBE ARM
09E08-10D	TYPE 9 SPECIAL POLE 45' MONOTUBE ARM
09E08-10F	TYPE 10 SPECIAL POLE 35' MONOTUBE ARM
09E08-10K	GENERAL NOTES, HARDWARE DETAILS FOR TYPE 9, 10, 9/10 SPECIAL,12 & 13 POLES W/ MONOTUBE ARMS
09F15-05A	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)
09F15-05B	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)
09F15-05C	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 3)
11B02-02	CONCRETE MEDIAN NOSE
13C09-18A	CONCRETE PAVEMENT REPAIR AND REPLACEMENT
13C09-18B	CONCRETE PAVEMENT REPAIR AND REPLACEMENT
13C09-18C	CONCRETE PAVEMENT REPAIR AND REPLACEMENT
13C14-07A	BASE PATCHING CONCRETE
13C14-07B	BASE PATCHING CONCRETE
13C14-07C	BASE PATCHING CONCRETE
13C19-03	HMA LONGITUDINAL JOINTS
14B20-12A	STEEL THRIE BEAM STRUCTURE APPROACH
14B20-12B	STEEL THRIE BEAM STRUCTURE APPROACH, CONNECTION TO SQUARE END PARAPETS
14B20-12C	STEEL THRIE BEAM STRUCTURE APPROACH, CONNECTION TO VERTICAL FACED PARAPETS
14B20-12D	STEEL THRIE BEAM STRUCTURE APPROACH, CONNECTION TO SLOPED END PARAPETS
14B20-12E	STEEL THRIE BEAM STRUCTURE APPROACH, CONNECTION TO BRIDGE RAILING TYPES "F" AND "W"
14B20-12F	STEEL THRIE BEAM STRUCTURE APPROACH, CONNECTION TO BRIDGE RAILING TYPE "M"
14B20-12G	STEEL THRIE BEAM STRUCTURE APPROACH, CONNECTOR PLATE DETAIL
14B20-12H	STEEL THRIE BEAM STRUCTURE APPROACH, SINGLE SLOPE ATTACHMENT
14B26-05A	STEEL THRIE BEAM BULLNOSE TERMINAL
14B26-05B	STEEL THRIE BEAM BULLNOSE TERMINAL
14B26-05C	STEEL THRIE BEAM BULLNOSE TERMINAL
14B26-05D	STEEL THRIE BEAM BULLNOSE TERMINAL
14B26-05E	STEEL THRIE BEAM BULLNOSE TERMINAL
14B26-05F	STEEL THRIE BEAM BULLNOSE TERMINAL
14B26-05G	STEEL THRIE BEAM BULLNOSE TERMINAL
14B26-05H	STEEL THRIE BEAM BULLNOSE TERMINAL
14B28-04A	GUARDRAIL MOW STRIP
14B28-04B	GUARDRAIL MOW STRIP

6

Standard Detail Drawing List

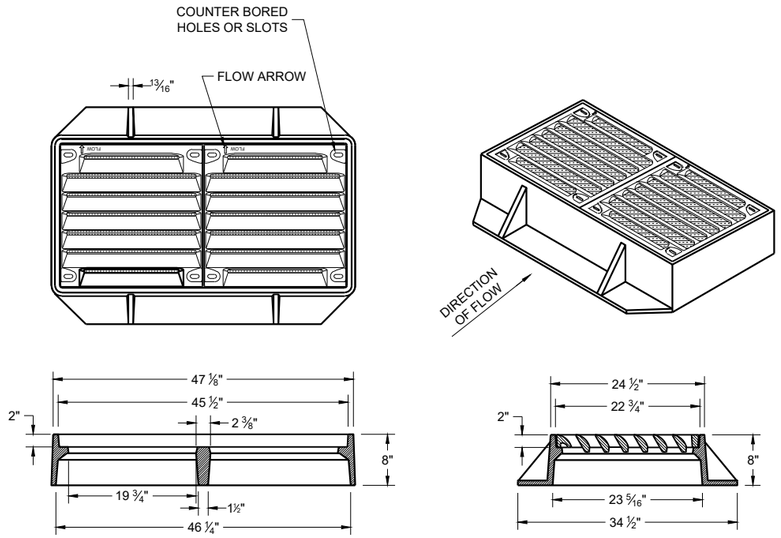
14B45-05A	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05B	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05C	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05D	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05E	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05F	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05G	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05H	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05I	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05J	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05K	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
15C04-05	TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 M.P.H. OR GREATER TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC
15C07-16B	PAVEMENT MARKING WORDS
15C07-16C	PAVEMENT MARKING ARROWS
15C08-24A	PERMANENT LONGITUDINAL PAVEMENT MARKINGS
15C08-24B	TEMPORARY LONGITUDINAL PAVEMENT MARKING
15C08-24C	PAVEMENT MARKING (TURN LANES)
15C08-24D	PAVEMENT MARKING (TURN LANES)
15C11-11A	CHANNELIZING DEVICES FLEXIBLE TUBULAR MARKER POST
15C11-11B	CHANNELIZING DEVICES DRUMS, CONES, BARRICADES AND VERTICAL PANELS
15C18-09A	MEDIAN ISLAND PAVEMENT MARKINGS
15C18-09B	PAVEMENT MARKINGS, MEDIAN ISLAND NOSE
15C19-11C	MOVING PAVEMENT MARKING OPERATION MULTI-LANE DIVIDED ROADWAY
15C31-08D	PAVEMENT MARKING LANE DROP AND LANE REDUCTION
15C33-05	STOP LINE AND CROSSWALK PAVEMENT MARKING
15C35-06A	PAVEMENT MARKING (INTERSECTIONS)
15D12-16A	TRAFFIC CONTROL, LANE CLOSURE
15D20-11A	TRAFFIC CONTROL, SINGLE LANE CLOSURE, DIVIDED NON-FREEWAY/EXPRESSWAY
15D21-07A	TRAFFIC CONTROL, INTERSECTION WITHIN SINGLE LANE CLOSURE
15D21-07B	TRAFFIC CONTROL, INTERSECTION WITHIN SINGLE LANE CLOSURE
15D22-08	TRAFFIC CONTROL, TWO LANE CLOSURE, NON-FREEWAY/EXPRESSWAY
15D23-07A	TRAFFIC CONTROL, INTERSECTION WITHIN TWO LANE CLOSURE
15D23-07B	TRAFFIC CONTROL, INTERSECTION WITHIN TWO LANE CLOSURE
15D28-05	TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY
15D30-12A	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-12B	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-12C	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-12D	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-12E	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-12F	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-12G	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-12H	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-12I	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-12J	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-12K	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-12L	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D41-06A	TRAFFIC CONTROL, MULTIPLE LANE SHIFT, MULTILANE DIVIDED ROAD
15D48-01	TRAFFIC CONTROL, LANE SHIFT IN FLAGGING OPERATION
15D50-04A	TRAFFIC CONTROL, ADDED LANE CLOSURE WITHOUT LANE SHIFT

6

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

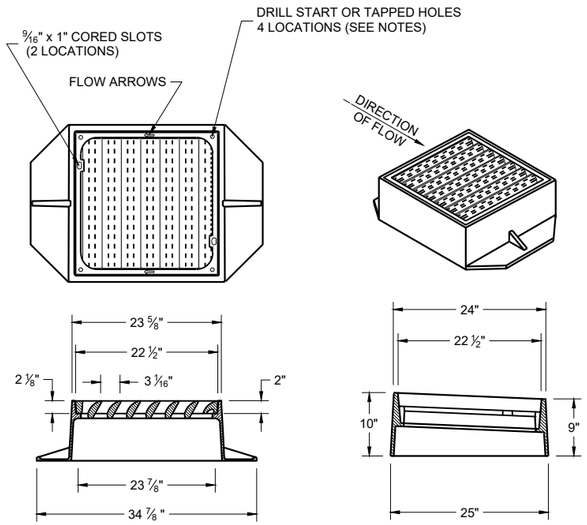
DETAIL DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR INLET COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.



TYPE "VV-B"

NOTES: ALL HARDWARE TO BE SUPPLIED BY CASTING MANUFACTURER
ALL DRILLING AND TAPPING GRATES AND FRAMES BY CASTING MANUFACTURER

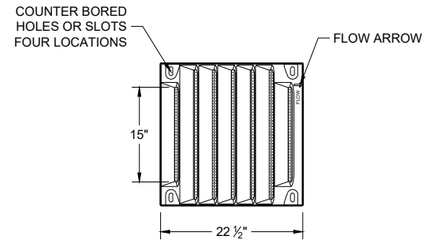
TYPE V
FRAME - CAST GRAY IRON ASTM A48 CLASS 35B
⅜" DIA. X 1/16" DRILL START IN 8 LOCATIONS
GRATE - CAST GRAY IRON ASTM A-48, CLASS 35B



TYPE "V"

NOTES: ALL HARDWARE TO BE SUPPLIED BY CASTING MANUFACTURER ALL DRILLING AND TAPPING GRATES AND FRAMES BY CASTING MANUFACTURER

TYPE V
FRAME - CAST GRAY IRON ASTM A48 CLASS 40A
⅜" DIA. X 1/16" DRILL START IN 4 LOCATIONS
GRATE - CAST GRAY IRON ASTM A-48, CLASS 35B



BOLT DOWN GRATE FOR TYPE "V" AND "VV-B" COVER

NOTES: ALL HARDWARE TO BE SUPPLIED BY CASTING MANUFACTURER NOTED AS TYPE "V-B" OR "VV-B" (FOR DOUBLE GRATE) ON DRAINAGE TABLE

TAP ½" -13 HOLES IN FOUR LOCATIONS PER GRATE IN FRAME TO BOLT GRATE(S).
FRAME - CAST GRAY IRON ASTM A48 CLASS 40A

GRATE - CAST DUCTILE IRON ASTM A536, 55+KSI YIELD
BOLTS - ½" -13 STAINLESS STEEL BOLTS WITH WASHERS
TORQUE BOLTS TO MANUFACTURER SPECIFICATION DO NOT OVERTIGHTEN.

INLET COVERS
TYPES V, V-B, AND VV-B

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2025 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

FHWA

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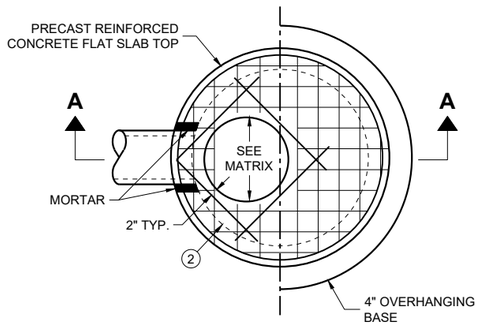
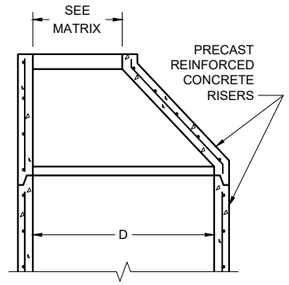
SDD 08A05-22d



PLAN VIEW CIRCULAR OPENING

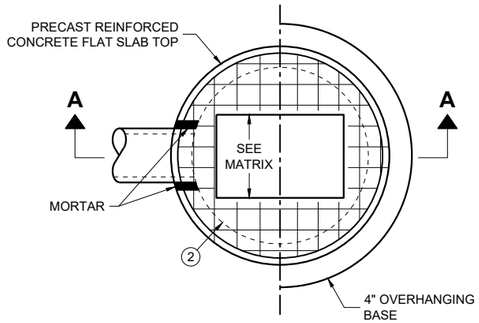


OPTIONAL PRECAST REINFORCED CONCRETE ECCENTRIC TOP

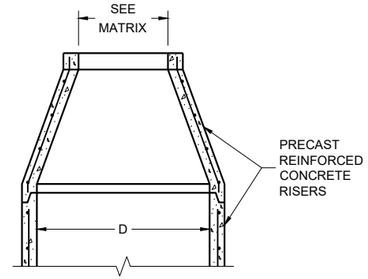
COVER MATRIX

CATCH BASIN SIZE	INLET COVER TYPE	ALL A'S	ALL B'S	BW	C	F	ALL H'S	S	T	V V-B	VV-B	WM	Z
	OPENING SIZE (FT.)												
3-FT	2 X 2	X	X					X		X			
	2 DIA.				X								X
4-FT TO 6-FT	2 X 2	X	X					X		X			
	2 X 2.5			X				X	X	X		X	
	2 DIA.				X								X
	2 X 3						X						
	2.5 X 3					X							
	2 X 3.5*										X*		

* REQUIRES 5-FT DIAMETER OR LARGER STRUCTURE



PLAN VIEW RECTANGULAR OPENING



OPTIONAL PRECAST REINFORCED CONCRETE CONCENTRIC TOP

PIPE MATRIX

CATCH BASIN SIZE	MAXIMUM INSIDE PIPE DIAMETER FOR TWO PIPES	
	180° SEPARATION (IN)	90° SEPARATION (IN)
3-FT	15	12
4-FT	24	18
5-FT	36	24
6-FT	42	30

CATCH BASINS
3-FT, 4-FT, 5-FT AND 6-FT DIAMETER

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

UNLESS OTHERWISE AUTHORIZED IN WRITING BY THE ENGINEER, THE CONTRACTOR SHALL NOT ORDER AND DELIVER PRECAST CATCH BASIN UNITS REQUIRED FOR THE PROJECT UNTIL A LIST OF SIZES IS FURNISHED BY THE ENGINEER.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR UNDERGROUND DRAINAGE STRUCTURES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ALL DRAINAGE STRUCTURES ARE DESIGNATED ON THE PLANS AS "MANHOLES 3X3-L", "CATCH BASINS 4-B", "INLETS 2X3-H", ETC. THE FIRST NUMBERS DESIGNATE THE SIZE OF THE STRUCTURE, AND THE FOLLOWING LETTER DESIGNATES THE TYPE OF COVER TO BE USED TO COMPRISE THE COMPLETE UNIT.

BASES SHALL BE PLACED ON A BED OF MATERIAL AT LEAST 6 INCHES IN DEPTH, WHICH MEETS THE REQUIREMENTS OF FOUNDATION BACKFILL. THIS BEDDING SHALL BE COMPACTED AND PROVIDE UNIFORM SUPPORT FOR THE ENTIRE AREA OF THE BASE.

PRECAST REINFORCED CONCRETE CONE TOPS (ECCENTRIC OR CONCENTRIC) OR PRECAST REINFORCED CONCRETE FLAT SLAB TOPS MAY BE USED ON CONCRETE BLOCK STRUCTURES.

ECCENTRIC CONE TOPS MAY BE USED ON ALL STRUCTURES. CONCENTRIC CONE TOPS SHALL BE USE ONLY ON STRUCTURES 5 FEET OR LESS IN DEPTH UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

STEPS MEETING AASHTO M199 AND THE FOLLOWING REQUIREMENTS SHALL BE INSTALLED IN ALL STRUCTURES OVER 5 FEET IN DEPTH: 16 INCH C-C MAXIMUM SPACING; PROJECT A MINIMUM CLEAR DISTANCE OF 4 INCHES FROM THE WALL AT THE POINT OF EMBEDMENT; MINIMUM LENGTH OF 10 INCHES; MINIMUM WALL EMBEDMENT OF 3 INCHES. FERROUS METAL STEPS NOT PAINTED OR TREATED TO RESIST CORROSION SHALL HAVE A MINIMUM CROSS SECTIONAL DIMENSION OF 1 INCH.

STEPS OF APPROVED POLYPROPYLENE PLASTIC COATED REINFORCEMENT BAR ARE ACCEPTABLE. REINFORCING BAR MUST BE A MINIMUM OF ½ INCH AND MEET THE REQUIREMENTS OF ASTM A615.

CERTIFICATION SHALL BE PROVIDED THAT INSTALLED STEPS WHEN TESTED IN ACCORDANCE WITH SECTION 10 OF AASHTO T280 CAN WITHSTAND A VERTICAL LOAD OF 800 LBS. AND A HORIZONTAL LOAD OF 400 LBS.

ALL BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

ALL PRECAST INLET UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF AASHTO DESIGNATION M199.

PRECAST REINFORCED RISERS SHALL HAVE A TONGUE AND GROOVE JOINT WITH TONGUE UP OR DOWN.

CONCRETE BLOCK WILL NOT BE PERMITTED FOR STRUCTURES GREATER THAN 4 FEET IN DIAMETER.

4" OVERHANGING BASES ARE REQUIRED FOR ALL CONCRETE BLOCK INSTALLATIONS. 4" OVERHANG IS REQUIRED WHEN SEPARATE PRECAST BASE IS PROVIDED. OVERHANG IS NOT REQUIRED ON PRECAST STRUCTURES WITH AN INTEGRAL OR MONOLITHIC BASE.

FOR ADDITIONAL CONFIGURATIONS, MAINTAIN A MINIMUM OF 12 INCHES AS MEASURED FROM THE INSIDE OF THE STRUCTURE WALL BETWEEN THE OUTSIDE PIPE WALLS OF ADJACENT PIPES. SEE DETAIL "D".

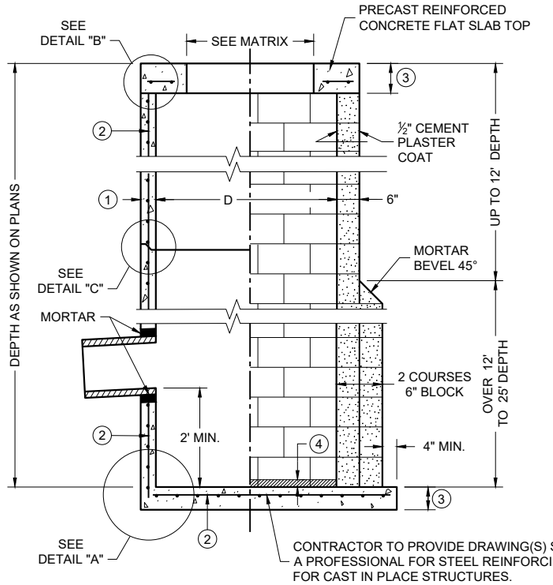
(1) MINIMUM WALL THICKNESS SHALL BE 4 INCHES FOR 3-FT, 5 INCHES FOR 4-FT, 6 INCHES FOR 5-FT AND 7 INCHES FOR 6-FT DIAMETER PRECAST CATCH BASINS.

(2) FOR PRECAST CATCH BASINS AND REINFORCED CONCRETE BASES PROVIDE REINFORCING STEEL IN ACCORDANCE TO AASHTO M199.

(3) PRECAST FLAT SLAB TOPS AND BASES WITH A DIAMETER OF 48" AND LESS SHALL HAVE A MINIMUM THICKNESS OF 6". PRECAST FLAT SLAB TOPS AND BASES WITH A DIAMETER LARGER THAN 48" SHALL HAVE A MINIMUM THICKNESS OF 8".

(4) 1" CONCRETE KEY POURED AFTER INSTALLATION. 2' SUMP MEASURED FROM TOP OF KEY.

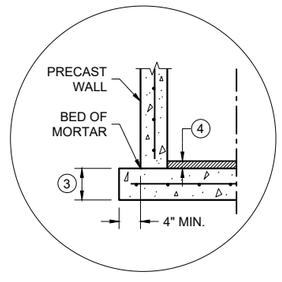
(5) JOINTS TO BE SEALED WITH A BUTYL RUBBER SEAL PER SEALANT MANUFACTURERS RECOMMENDATIONS CONFORMING TO ASTM C 990 OR RUBBER GASKETS CONFROMING TO ASTM C443.



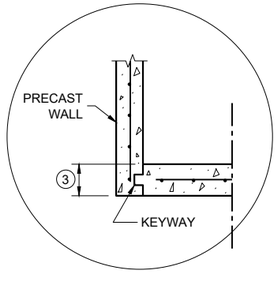
SECTION A - A

PRECAST REINFORCED CONCRETE WITH MONOLITHIC BASE

CONCRETE BLOCK WITH CAST IN PLACE OR PRECAST REINFORCED CONCRETE BASE (2)

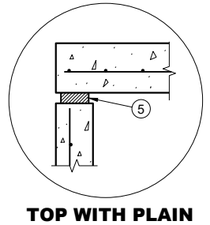


SEPARATE PRECAST REINFORCED CONCRETE BASE OPTION

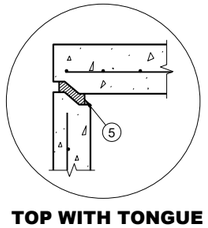


PRECAST REINFORCED CONCRETE WITH INTEGRAL BASE OPTION

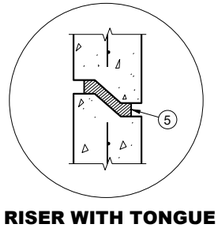
DETAIL "A"



TOP WITH PLAIN END JOINT

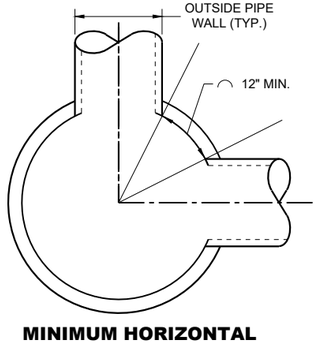


TOP WITH TONGUE AND GROOVE JOINT



RISER WITH TONGUE AND GROOVE JOINT

DETAIL "B" **DETAIL "C"**



MINIMUM HORIZONTAL PIPE SEPARATION

DETAIL "D"

CATCH BASINS, 3-FT. 4-FT., 5 FT., AND 6-FT. DIAMETER

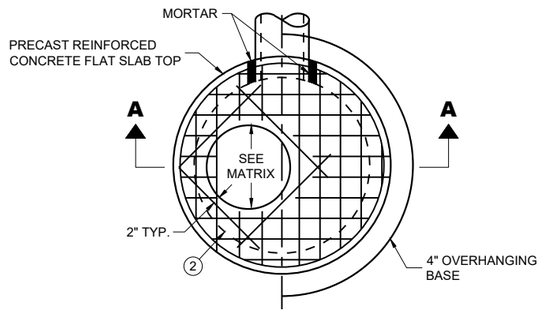
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
December 2023 (DATE)
/S/ Rodney Taylor
ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

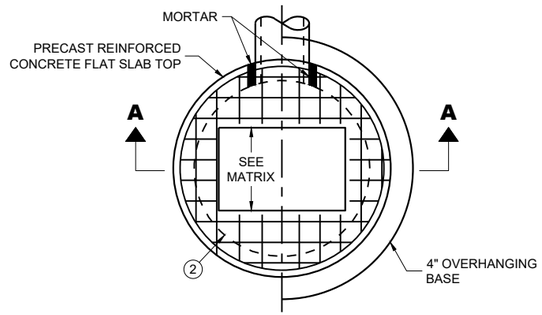
FHWA

SDD 08A08-03

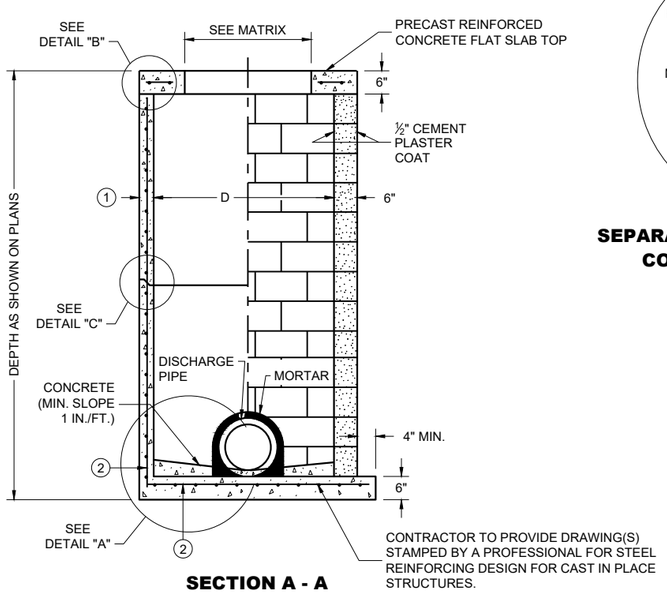
SDD 08A08-03



PLAN VIEW CIRCULAR OPENING



PLAN VIEW RECTANGULAR OPENING



SECTION A - A

PRECAST REINFORCED CONCRETE WITH MONOLITHIC BASE

CONCRETE BLOCK WITH CAST IN PLACE OR PRECAST REINFORCED CONCRETE BASE (2)

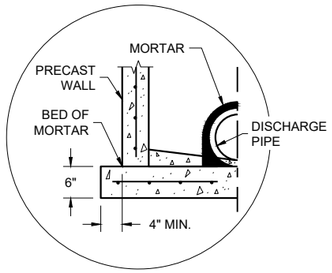
CIRCULAR INLETS WITH FLAT TOP

CATCH BASIN COVER OPENING MATRIX

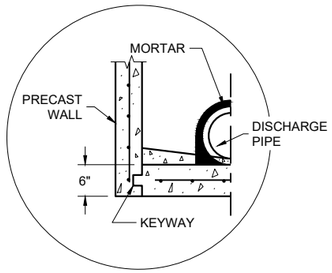
INLET SIZE	INLET COVER TYPE / OPENING SIZE (FT.)	ALL A'S	ALL B'S	BW	C	F	ALL H'S	S	T	V V-B	WM	Z
3-FT	2 DIA.				X							X
	2 X 2	X	X					X		X		
4-FT	2 DIA.				X							X
	2 X 2	X	X					X		X		
	2 X 2.5			X				X	X	X	X	
	2 X 3						X					
	2.5 X 3					X						

PIPE MATRIX

INLET SIZE	MAXIMUM INSIDE PIPE DIAMETER FOR TWO PIPES	
	180° SEPARATION (IN)	90° SEPARATION (IN)
3-FT	15	12
4-FT	24	18

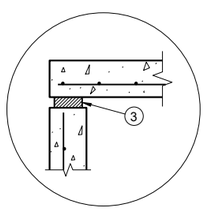


SEPARATE PRECAST REINFORCED CONCRETE BASE OPTION

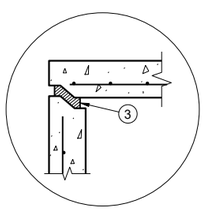


PRECAST REINFORCED CONCRETE WITH INTEGRAL BASE OPTION

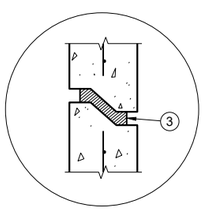
DETAIL "A"



TOP WITH PLAIN END JOINT



TOP WITH TONGUE AND GROOVE JOINT



RISER WITH TONGUE AND GROOVE JOINT

DETAIL "B" **DETAIL "C"**

INLETS 3-FT AND 4-FT DIAMETER

GENERAL NOTES

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ALL DRAINAGE STRUCTURES ARE DESIGNATED ON THE PLANS AS "MANHOLES 3X3-L", "CATCH BASINS 4-B", "INLETS 2X3-H", ETC. THE FIRST NUMBERS DESIGNATE THE SIZE OF THE STRUCTURE, AND THE FOLLOWING LETTER DESIGNATES THE TYPE OF COVER TO BE USED TO COMPRISE THE COMPLETE UNIT.

BASES SHALL BE PLACED ON A BED OF MATERIAL AT LEAST 6 INCHES IN DEPTH, WHICH MEETS THE REQUIREMENTS OF FOUNDATION BACKFILL. THIS BEDDING SHALL BE COMPACTED AND PROVIDE UNIFORM SUPPORT FOR THE ENTIRE AREA OF THE BASE.

ALL BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

ALL PRECAST INLET UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF AASHTO DESIGNATION M199.

PRECAST REINFORCED RISERS SHALL HAVE A TONGUE AND GROOVE JOINT WITH TONGUE UP OR DOWN.

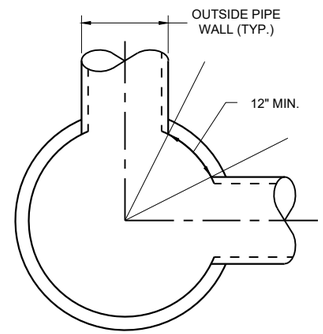
4" OVERHANGING BASES ARE REQUIRED FOR ALL CONCRETE BLOCK INSTALLATIONS. 4" OVERHANG IS REQUIRED WHEN SEPARATE PRECAST BASE IS PROVIDED. OVERHANG IS NOT REQUIRED ON PRECAST STRUCTURES WITH AN INTEGRAL OR MONOLITHIC BASE.

FOR ADDITIONAL CONFIGURATIONS, MAINTAIN A MINIMUM OF 12 INCHES AS MEASURED FROM THE INSIDE OF THE STRUCTURE WALL BETWEEN THE OUTSIDE PIPE WALLS OF ADJACENT PIPES. SEE DETAIL "D".

(1) MINIMUM WALL THICKNESS SHALL BE 4 INCHES FOR 3-FT DIAMETER AND 5 INCHES FOR 4-FT DIAMTER PRECAST INLETS.

(2) FOR PRECAST INLETS AND REINFORCED CONCRETE BASES PROVIDE REINFORCING STEEL IN ACCORDANCE TO AASHTO M199.

(3) JOINTS TO BE SEALED WITH A BUTYL RUBBER SEAL PER SEALANT MANUFACTURERS RECOMMENDATIONS CONFORMING TO ASTM C 990 OR RUBBER GASKETS CONFORMING TO ASTM C443.



MINIMUM HORIZONTAL PIPE SEPARATION

DETAIL "D"

INLETS 3-FT AND 4-FT DIAMETER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
December 2023 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

FHWA

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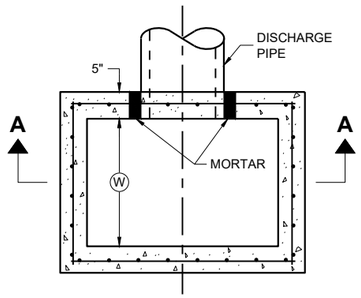
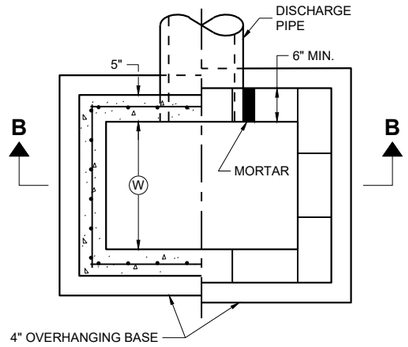
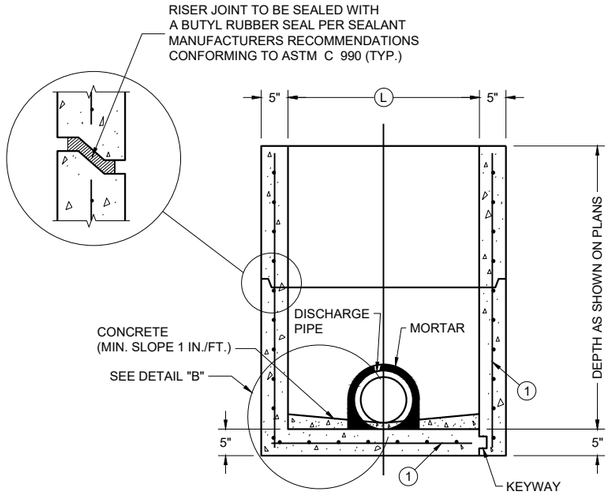
SDD 08C06-03



PLAN VIEW



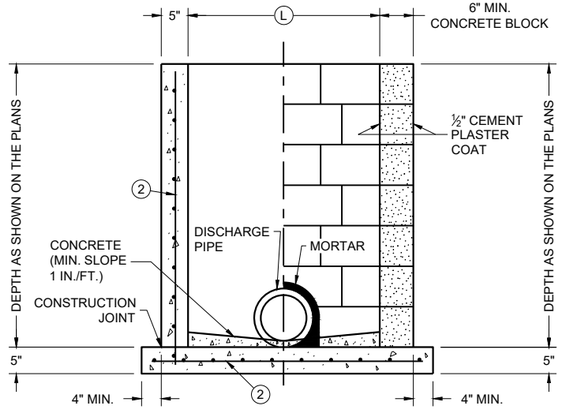
PLAN VIEW



PRECAST REINFORCED CONCRETE WITH MONOLITHIC BASE

PRECAST REINFORCED CONCRETE WITH INTEGRAL BASE

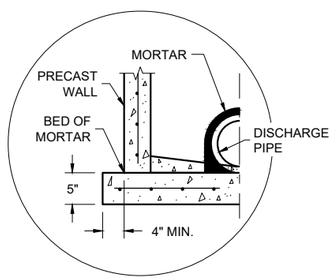
SECTION A - A



CAST IN PLACE REINFORCED CONCRETE

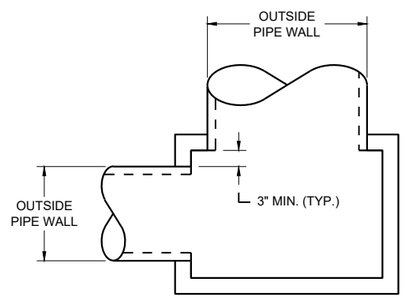
CONCRETE BLOCK WITH CAST IN PLACE OR PRECAST REINFORCED CONCRETE BASE (1)

SECTION B - B



SEPARATE PRECAST REINFORCED CONCRETE BASE OPTION

DETAIL "B"



DETAIL "A"

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP N0T SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

UNLESS OTHERWISE AUTHORIZED IN WRITING BY THE ENGINEER, THE CONTRACTOR SHALL NOT ORDER AND DELIVER PRECAST INLET UNITS REQUIRED FOR THE PROJECT UNTIL A LIST OF SIZES IS FURNISHED BY THE ENGINEER.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR UNDERGROUND DRAINAGE STRUCTURES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ALL PRECAST INLET UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF ASTM C 913.

ALL DRAINAGE STRUCTURES ARE DESIGNATED ON THE PLANS AS "MANHOLES 3X3-L", "CATCH BASINS 4-B", "INLETS 2X3-H", ETC. THE FIRST NUMBERS DESIGNATES THE SIZE OF THE STRUCTURE, AND THE FOLLOWING LETTER DESIGNATES THE TYPE OF COVER TO BE USED TO COMPRISE THE COMPLETE UNIT.

BASES SHALL BE PLACED ON A BED OF MATERIAL AT LEAST 6 INCHES IN DEPTH, WHICH MEETS THE REQUIREMENTS OF FOUNDATION BACKFILL. THIS BEDDING SHALL BE COMPACTED AND PROVIDE UNIFORM SUPPORT FOR THE ENTIRE AREA OF THE BASE.

ALL BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

PRECAST REINFORCED RISERS SHALL HAVE A TONGUE AND GROOVE JOINT WITH TONGUE UP OR DOWN.

4" OVERHANGING BASES ARE REQUIRED FOR CAST-IN-PLACE REINFORCED CONCRETE AND CONCRETE BLOCK INSTALLATIONS. 4" OVERHANG IS REQUIRED WHEN SEPARATE PRECAST BASE IS PROVIDED. OVERHANG IS NOT REQUIRED ON PRECAST STRUCTURES WITH AN INTEGRAL OR MONOLITHIC BASE.

MAXIMUM INSIDE PIPE DIAMETER DETERMINED BY 3" CLEARANCE ON EACH SIDE OF THE OUTSIDE WALL OF THE PIPE. SEE DETAIL "A". ASSUMES PIPE ENTERS PERPENDICULAR TO THE STRUCTURE.

(1) FOR PRECAST INLETS AND REINFORCED CONCRETE BASES PROVIDE REINFORCING STEEL IN ACCORDANCE TO ASTM C 913
(2) CONTRACTOR TO PROVIDE DRAWING(S) STAMPED BY A PROFESSIONAL ENGINEER FOR STEEL REINFORCING DESIGN FOR CAST-IN-PLACE STRUCTURES.

CATCH BASIN COVER MATRIX

INLET SIZE	WIDTH (W) (FT.)	LENGTH (L) (FT.)	INLET COVER TYPE									
			ALL A'S	ALL B'S	BW	F	ALL H'S	S	T	V	WM	V V-B
2 X 2-FT	2	2	X	X				X				
2 X 2.5-FT	2	2.5			X			X	X	X	X	
2 X 3-FT	2	3					X					
2.5 X 3-FT	2.5	3				X						
2 X 3.5-FT	2	3.5										X

PIPE MATRIX

CATCH BASIN SIZE	MAXIMUM INSIDE PIPE DIAMETER FOR TWO PIPES	
	WIDTH (IN)	LENGTH (IN)
2 X 2-FT	12	12
2 X 2.5-FT	12	18
2 X 3-FT	12	24
2.5 X 3-FT	18	24
2 X 3.5-FT	12	30

INLETS 2 X 2-FT, 2 X 2.5-FT, 2 X 3-FT, 2.5 X 3-FT AND 2X3.5-FT

INLETS 2 X 2-FT, 2 X 2.5-FT, 2 X 3-FT, 2.5 X 3-FT AND 2 X 3.5-FT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
December 2023
DATE

/S/ Rodney Taylor
ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

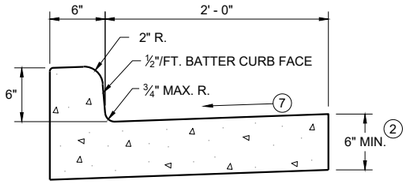
FHWA

6

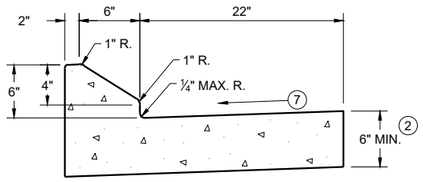
SDD 08C07-03

6

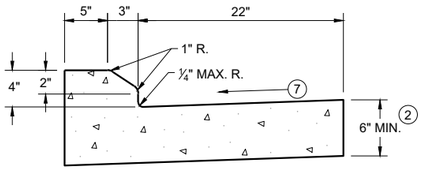
SDD 08C07-03



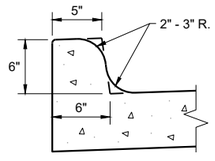
TYPES A (1) & D



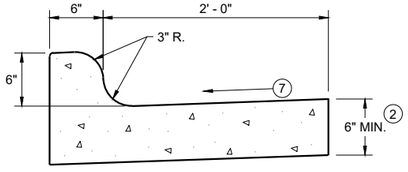
6" SLOPED CURB TYPES G (1) & J



4" SLOPED CURB TYPES G (1) & J

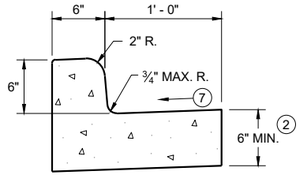


TYPES K (1) & L
(OPTIONAL CURB SHAPE)



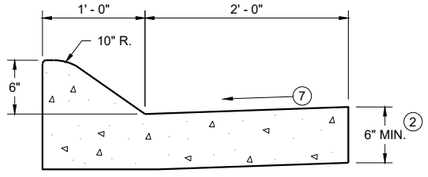
TYPES K (1) & L

CONCRETE CURB AND GUTTER 30"

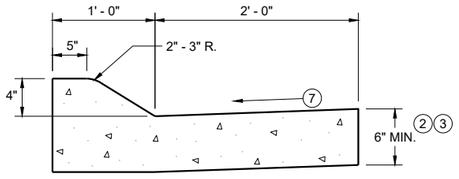


TYPES A (1) & D

CONCRETE CURB AND GUTTER 18"

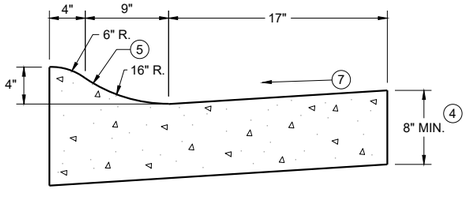


6" SLOPED CURB TYPES A (1) & D



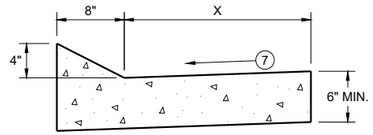
4" SLOPED CURB TYPES A (1) & D

CONCRETE CURB AND GUTTER 36"



4" SLOPED CURB TYPES R (1) & T
CONCRETE CURB AND GUTTER 30"

TBT & TBTT	X
30"	22"
36"	28"

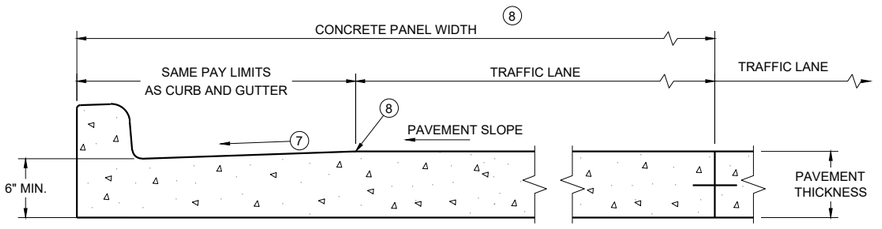


TYPES TBT & TBTT (1)

CONCRETE CURB AND GUTTER

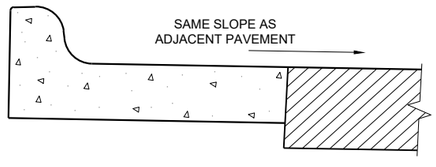
PAVEMENT THICKNESS AND MAXIMUM CONCRETE PANEL WIDTH TABLE

PAVEMENT THICKNESS	MAXIMUM PANEL WIDTH
LESS THAN 10"	12'
10" & ABOVE	15'



PARTIAL SECTION OF PAVEMENT WITH INTEGRAL CURB AND GUTTER *

* BIKE LANE IS NOT SHOWN



REVERSE SLOPE GUTTER (6)
(TYPICAL FOR ALL CURB & GUTTER TYPES)

GENERAL NOTES

DETAILS OF CONSTRUCTION AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

PAVEMENT TIES AND TIE BARS SHALL BE EPOXY COATED IN CONFORMANCE WITH SUBSECTION 505.2.6.2 OF THE STANDARD SPECIFICATIONS.

INTEGRAL CURB AND GUTTER SHALL CONFORM TO THE DETAILS SHOWN FOR CONCRETE CURB AND GUTTER INCLUDING THE TRANSVERSE GUTTER SLOPE.

UNLESS OTHERWISE SHOWN ON THE TYPICAL CROSS SECTIONS, THE BASE AGGREGATE AND COMMON EXCAVATION LIMITS ARE 2' - 0" BEHIND THE BACK OF CURBS.

(1) TIE BARS ARE REQUIRED FOR CURB AND GUTTERS TYPES A, G, K, R, AND TBTT.

(2) THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.

(3) USE 8" MINIMUM GUTTER THICKNESS WHEN USED WITH AN ADJACENT CONCRETE TRUCK APRON PLACED BEHIND BACK OF CURB.

(4) THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 8" MINIMUM GUTTER THICKNESS IS MAINTAINED.

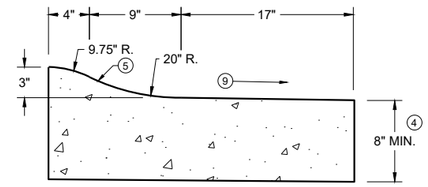
(5) UNLESS OTHERWISE NOTED, FOR STAKING PURPOSES THE FACE OF CURB IS 6" FROM THE BACK OF CURB.

(6) WHEN REVERSE SLOPE GUTTER IS REQUIRED, THE LOCATION(S) WILL BE SHOWN ELSEWHERE IN THE PLAN.

(7) USE 4% GUTTER CROSS SLOPE UNLESS OTHERWISE NOTED IN THE PLANS.

(8) INCLUDE LONGITUDINAL JOINT AND TIE BARS ALONG LANE EDGE WHEN CONCRETE PANEL WIDTH EXCEEDS THE MAXIMUM WIDTH PER TABLE BELOW. LONGITUDINAL JOINT(S) ARE NOT ALLOWED WITHIN TRAFFIC LANES AND BIKE LANES. LONGITUDINAL JOINT MAY BE SAWED.

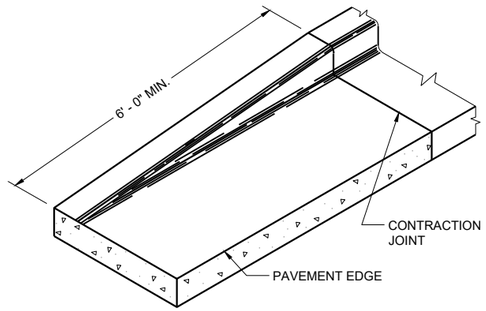
(9) SLOPE TO BE REVERSE SLOPE MATCHING THE SLOPE OF THE PAVEMENT AND THE CIRCULATORY ROADWAY



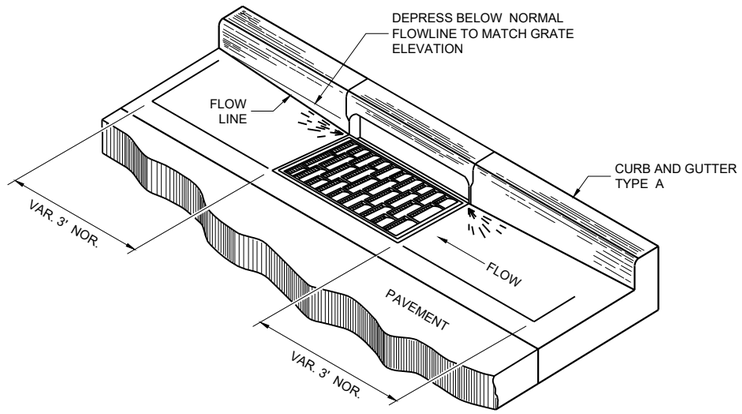
3" SLOPED CURB TYPES R (1) & T

CONCRETE CURB AND GUTTER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



END SECTION CURB AND GUTTER



DETAIL OF CURB AND GUTTER AT INLETS

(TYPICAL H INLET COVER SHOWN)

GENERAL NOTES

DETAILS OF CONSTRUCTION AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

PAVEMENT TIES AND TIE BARS SHALL BE EPOXY COATED IN CONFORMANCE WITH SUBSECTION 505.2.6.2 OF THE STANDARD SPECIFICATIONS.

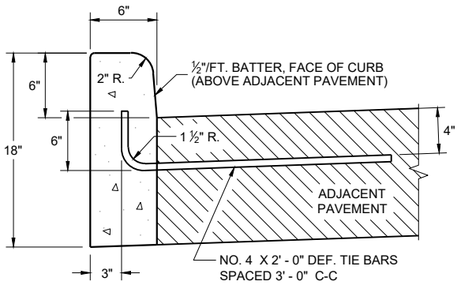
UNLESS OTHERWISE SHOWN ON THE TYPICAL CROSS SECTIONS, THE BASE AGGREGATE AND COMMON EXCAVATION LIMITS ARE 2' - 0" BEHIND THE BACK OF CURBS.

(1) TIE BARS ARE REQUIRED FOR CURB AND GUTTERS TYPES A, G, K, R, AND TBTT.

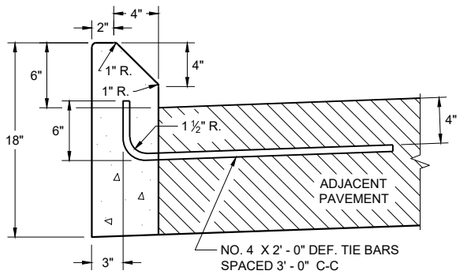
(2) THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.

(10) REFER TO SDD 08D18 AND 08D19 FOR ADDITIONAL DRIVEWAY ENTRANCE CURB DETAILS.

(11) PLACE 1" THICK EXPANSION JOINT MATERIAL BETWEEN VERTICAL FACE CURB TYPES EXTENDING FROM THE TOP OF CURB TO 1 INCH BELOW THE ADJOINING CONCRETE SURFACE. RIGID CONCRETE STRUCTURES INCLUDE RAISED CONCRETE MEDIANS, CONCRETE SAFETY ISLANDS, SPLITTER ISLANDS, OR LOCATIONS IDENTIFIED ON THE PLANS.

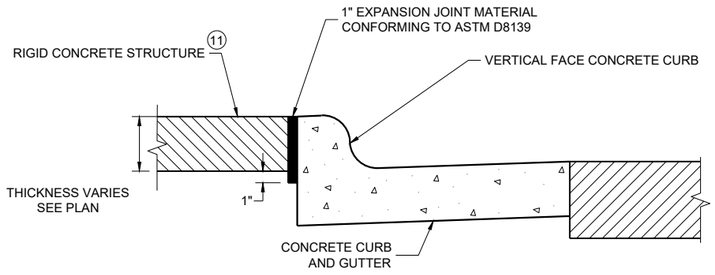


TYPES A (1) & D

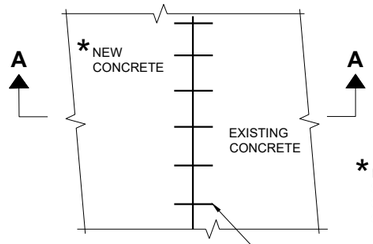


TYPES G (1) & J

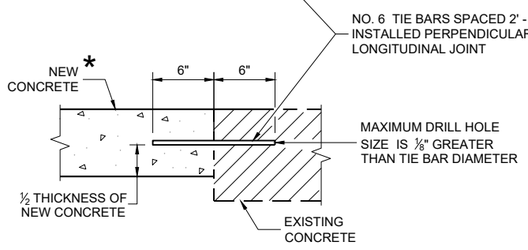
CONCRETE CURB



EXPANSION JOINT DETAIL FOR VERTICAL CURB ABUTTING A RIGID STRUCTURE (11)

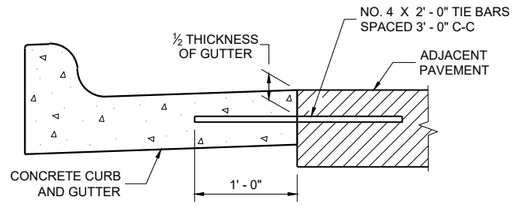


PLAN VIEW

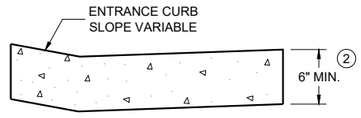


SECTION A - A

TIE BARS DRILLED INTO EXISTING PAVEMENT



TYPICAL TIE BAR LOCATION (1)



DRIVEWAY ENTRANCE CURB (10)

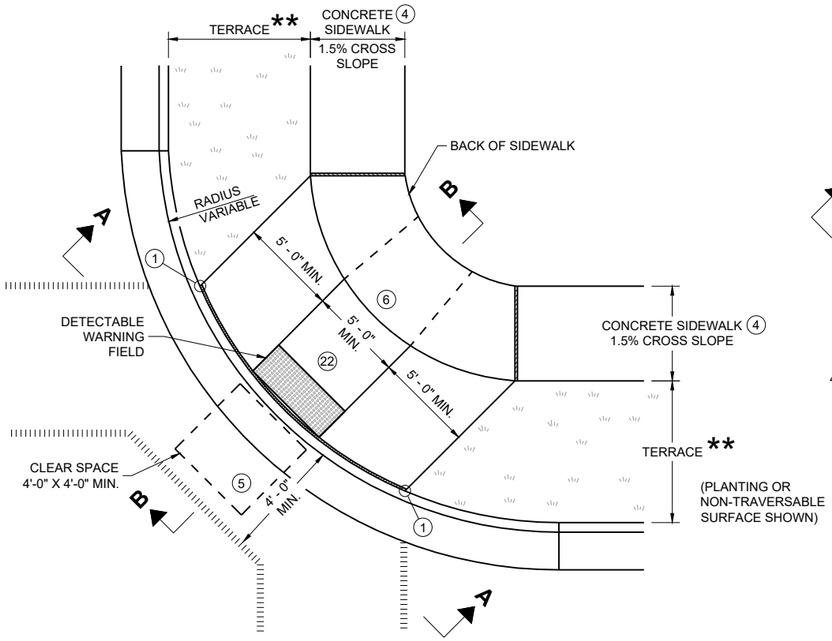
(WHEN DIRECTED BY THE ENGINEER)

CONCRETE CURB, TIES AND CURB AND GUTTER APPLICATIONS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2025 — DATE
/S/ Rodnery Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

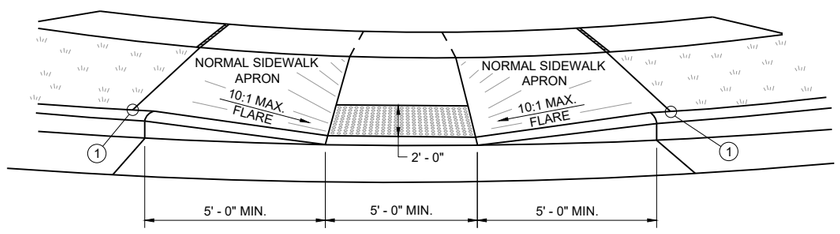
FHWA



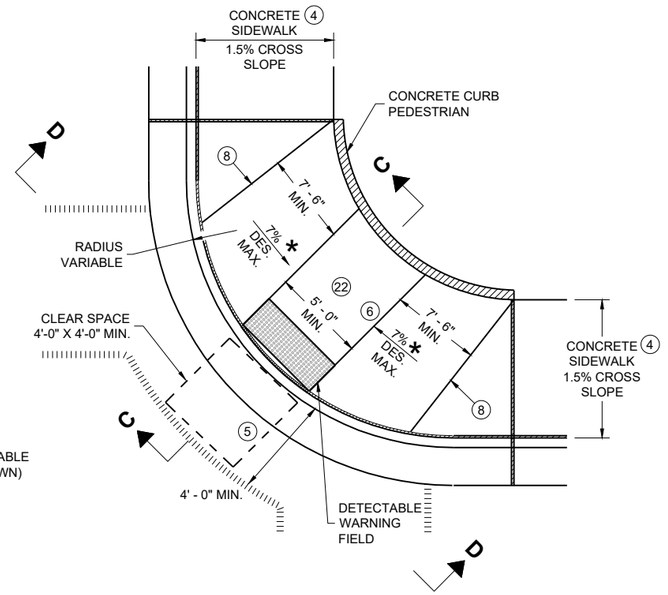
PLAN VIEW

CURB RAMP TYPE 1

(CENTER OF CORNER RADIUS)



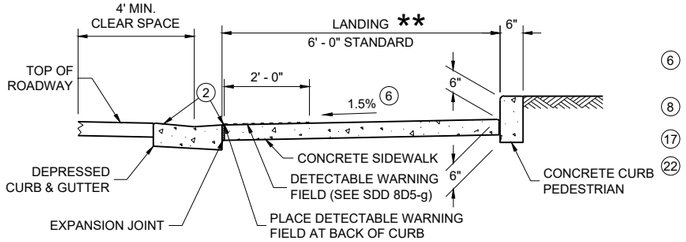
VIEW A - A FOR TYPE 1



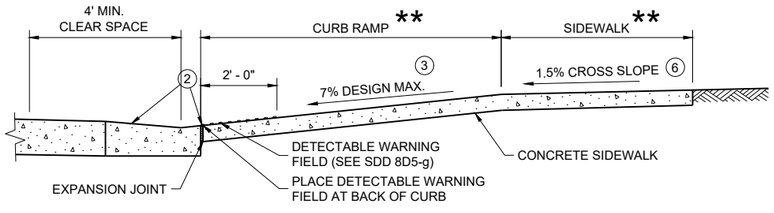
PLAN VIEW

CURB RAMP TYPE 1 - A

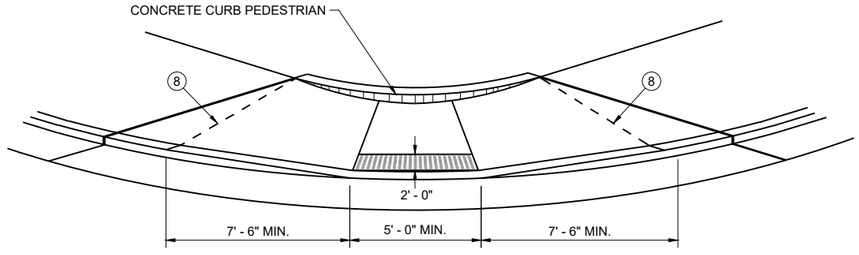
(NO TERRACE)



SECTION C - C FOR TYPE 1 - A



SECTION B - B FOR TYPE 1



VIEW D - D FOR TYPE 1 - A

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF CURB RAMP ACCESS AREAS.

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

WHEN NECESSARY, THE SIDEWALK ELEVATION MAY BE LOWERED TO MEET THE HIGH POINT ON THE CURB RAMP.

TYPE 1 CURB RAMPS SHALL HAVE A NORMAL SIDEWALK APRON AND CURB ON BOTH SIDES OF CURB RAMP.

DETECTABLE WARNING FILED SHALL BE MEASURED AND PAID BY THE SQUARE FOOT AS "CURB RAMP DETECTABLE WARNING FIELD". THE CONCRETE PEDESTRIAN CURB, IF NEEDED, SHALL BE MEASURED AND PAID BY THE LINEAR FOOT AS "CONCRETE CURB PEDESTRIAN". CONCRETE SIDEWALK IN THE CURB RAMP AREA SHALL BE MEASURED AND PAID BY THE SQUARE FOOT AS CONCRETE SIDEWALK, INCLUDING THE AREA UNDER THE DETECTABLE WARNING FIELD.

SELECT CURB RAMP DETECTABLE WARNING FIELD MATERIALS AND DEVICES FROM THE DEPARTMENT'S APPROVED MATERIALS LIST. THE COLOR OF THE DETECTABLE WARNING FIELD IS SPECIFIED ELSEWHERE AND IS INCIDENTAL TO THE BID ITEM OF "CURB RAMP DETECTABLE WARNING FIELD"

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

SURFACE TEXTURE OF THE RAMP SHALL BE OBTAINED BY COARSE BROOMING TRANSVERSE TO THE SLOPE OF THE CURB RAMP.

(1) THIS POINT IS AN EXTENSION OF OUTSIDE EDGE OF APPROACHING SIDEWALK WHERE IT MEETS THE BACK OF CONCRETE CURB. POINT LOCATION MAY BE ADJUSTED TO ALIGN WITH BEGINNING OF FULL-HEIGHT CURB IF THIS DISTANCE IS SHORT.

(2) GRADE CHANGE BETWEEN GUTTER COUNTER SLOPE AND THE CURB RAMP SLOPE IS DESIRABLY 11% OR LESS AND SHALL NOT EXCEED 13.3%. TYPICAL GUTTER COUNTER SLOPE IS 4% BUT MAY BE MODIFIED TO FIT FIELD CONDITIONS. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5%, DESIRABLY 7% OR LESS, AND SHALL NOT EXCEED A MAXIMUM OF 8.3%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) MAXIMUM 8.3% CURB RAMP SLOPE IS ALLOWABLE WITH GUTTER COUNTER SLOPE OF 5% MAXIMUM AND A 13.3% MAXIMUM GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2.1% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(5) PROVIDE A CLEAR SPACE IN THE STREET AND GUTTER AREA. WHEN THE GUTTER CROSS SLOPE EXCEEDS 2.1%, CONSTRUCT THE CLEAR SPACE IN THE STREET AREA AND THE 4 FOOT WIDTH IS MEASURED FROM THE FLANGE LINE. FOR RECONSTRUCTION AND MODERNIZATION PROJECTS THE CLEAR SPACE SLOPE PARALLEL TO THE CURBLINE SHOULD BE 2.1% MAX FOR CROSSINGS THAT ARE STOP AND YIELD CONTROLLED, AND 5% MAX FOR THOSE THAT ARE SIGNAL CONTROLLED. FOR PERPETUATION AND REHABILITATION PROJECTS THE SLOPE OF THE CLEAR SPACE PARALLEL TO THE CURBLINE WILL MATCH THE ROADWAY LONGITUDINAL SLOPE. THE SLOPE OF THE CLEAR SPACE PERPENDICULAR TO THE CURBLINE WILL MATCH THE ROADWAY CROSS SLOPE BUT SHOULD NOT EXCEED 5% UNLESS THE ROADWAY IS SUPERELEVATED (WHEN SUPERELEVATED THE ROADWAY CROSS SLOPE SHOULD MATCH THE SUPERELEVATION).

(6) PROVIDE A 5 FOOT BY 5 FOOT LANDING. SLOPE PERPENDICULAR TO CURB SHALL BE 2.1% MAXIMUM. SLOPE PARALLEL TO CURB SHALL MATCH THE CURB AND GUTTER LONGITUDINAL SLOPE.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

(17) A MAXIMUM 2-INCH CONCRETE BORDER IS PERMITTED ALONG ALL SIDES OF THE DETECTABLE WARNING FIELD SURFACE.

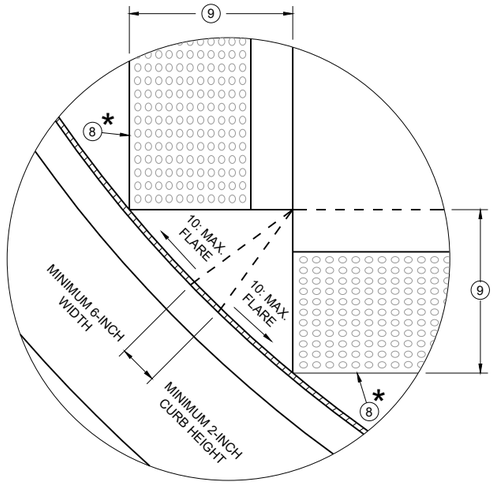
(22) THE ENTIRE RAMP SHALL BE A PLANAR SURFACE. DO NOT WARP THE RUNNING SLOPE OR CROSS SLOPE OF THE RAMP. WARPING OF THE SIDEWALK CROSS SLOPE SHALL TAKE PLACE BETWEEN THE LANDING AND MATCH POINT.

LEGEND

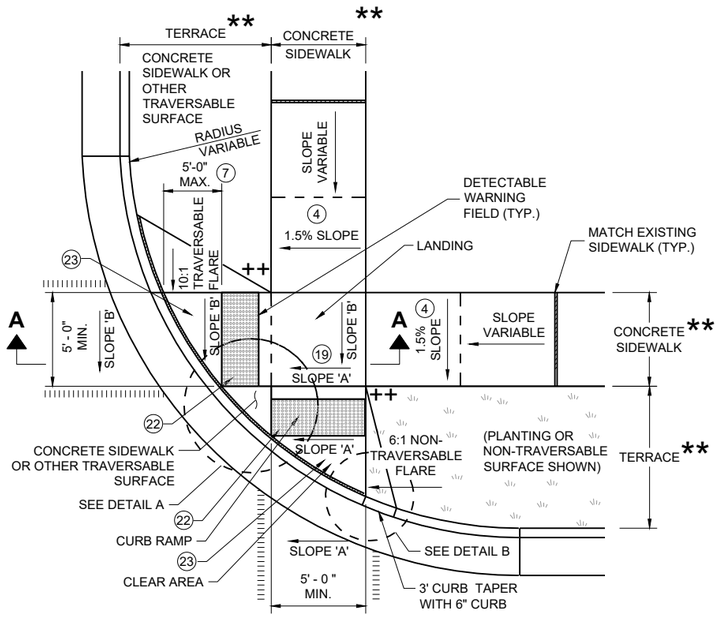
- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)
- * MAXIMUM 8.3%
- ** WIDTH SHOWN ELSEWHERE IN THE PLANS

CURB RAMPS TYPE 1 AND 1-A

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



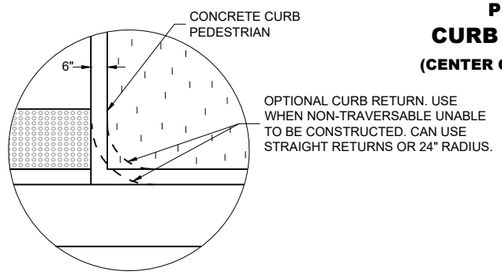
DETAIL A



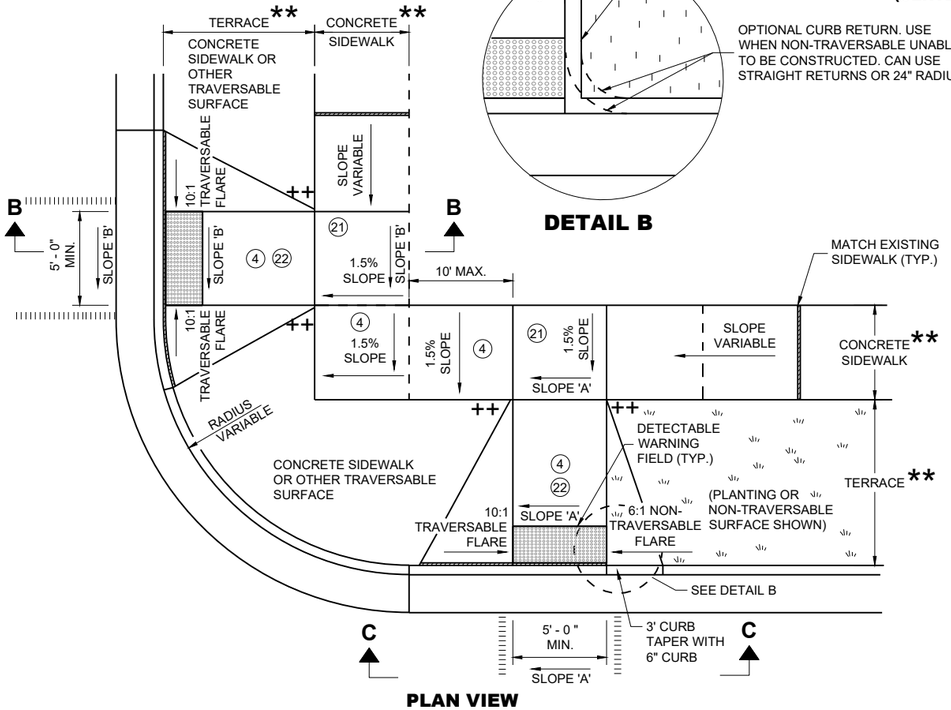
PLAN VIEW

CURB RAMP TYPE 2

(CENTER OF CORNER RADIUS)



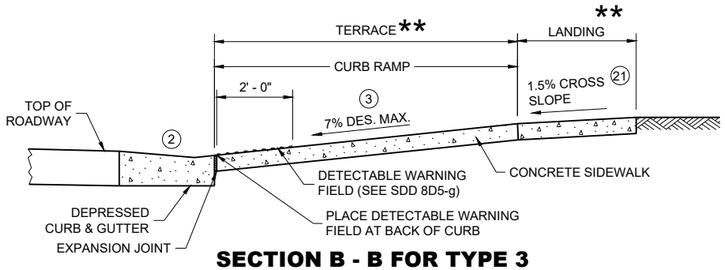
DETAIL B



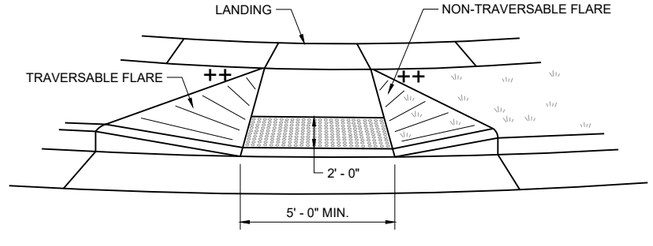
PLAN VIEW

CURB RAMP TYPE 3

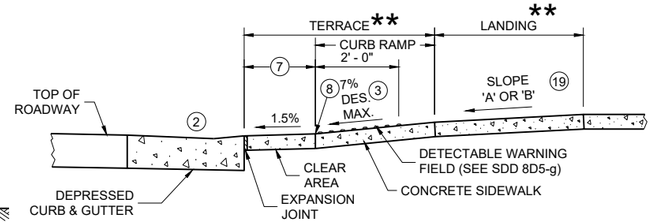
(OUTSIDE OF CROSSWALK AREA)



SECTION B - B FOR TYPE 3



VIEW C - C FOR TYPE 3



SECTION A - A FOR TYPE 2

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF CURB RAMP ACCESS AREAS.

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE SHALL BE FROM THE SAME MANUFACTURER.

(2) GRADE CHANGE BETWEEN GUTTER COUNTER SLOPE AND THE CURB RAMP SLOPE IS DESIRABLY 11% OR LESS AND SHALL NOT EXCEED 13.3%. TYPICAL GUTTER COUNTER SLOPE IS 4% BUT MAY BE MODIFIED TO FIT FIELD CONDITIONS. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5%, DESIRABLY 7% OR LESS, AND SHALL NOT EXCEED A MAXIMUM OF 8.3%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) MAXIMUM 8.3% CURB RAMP SLOPE IS ALLOWABLE WITH GUTTER COUNTER SLOPE OF 5% MAXIMUM AND A 13.3% MAXIMUM GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2.1% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(7) WHEN GRADE BREAK DISTANCE EXCEEDS 5 FEET, USE RADIAL DETECTABLE WARNING FIELD PER SDD 8D5-f.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

(9) WHEN DISTANCE IS LESS THAN 6' - 0", IT MAY BE DIFFICULT TO ACHIEVE A 7% DESIGN MAXIMUM SLOPE OR FLATTER ALONG THE RAMP. REDUCE CURB HEIGHT IN TRIANGLE AREA TO ACHIEVE 7% DESIGN MAXIMUM SLOPE OR FLATTER ON RAMP. CONSTRUCT 2-INCH MINIMUM CURB HEIGHT BETWEEN 10:1 FLARES.

(17) A MAXIMUM 2-INCH CONCRETE BORDER IS PERMITTED ALONG ALL SIDES OF THE DETECTABLE WARNING FIELD SURFACE.

(19) WHERE A LANDING SERVES TWO CURB RAMPS, THE LANDING SLOPE SHALL NOT EXCEED THE CROSS SLOPE AT THE BOTTOM OF THE RAMP OR WITHIN THE CROSSWALK PARALLEL TO THE DIRECTION OF TRAVEL.

(21) PROVIDE A LANDING WITH A SLOPE PARALLEL TO ROADWAY THAT MATCHES SLOPE AT THE BOTTOM OF THE ADJACENT RAMP. SLOPE PERPENDICULAR TO ROADWAY SHALL BE 2.1% MAXIMUM. STANDARD LANDING SIZE IS 5 FEET BY 5 FEET.

(22) THE ENTIRE RAMP SHALL BE A PLANAR SURFACE. DO NOT WARP THE RUNNING SLOPE OR CROSS SLOPE OF THE RAMP. WARPING OF THE SIDEWALK CROSS SLOPE SHALL TAKE PLACE BETWEEN THE LANDING AND MATCH POINT.

(23) THE CLEAR AREA BETWEEN THE BOTTOM OF RAMP AND BACK OF CURB SHALL BE SLOPED SO THAT WATER DRAINS OUT OF ONE SIDE OR BOTH SIDES OF THE CURB OPENING.

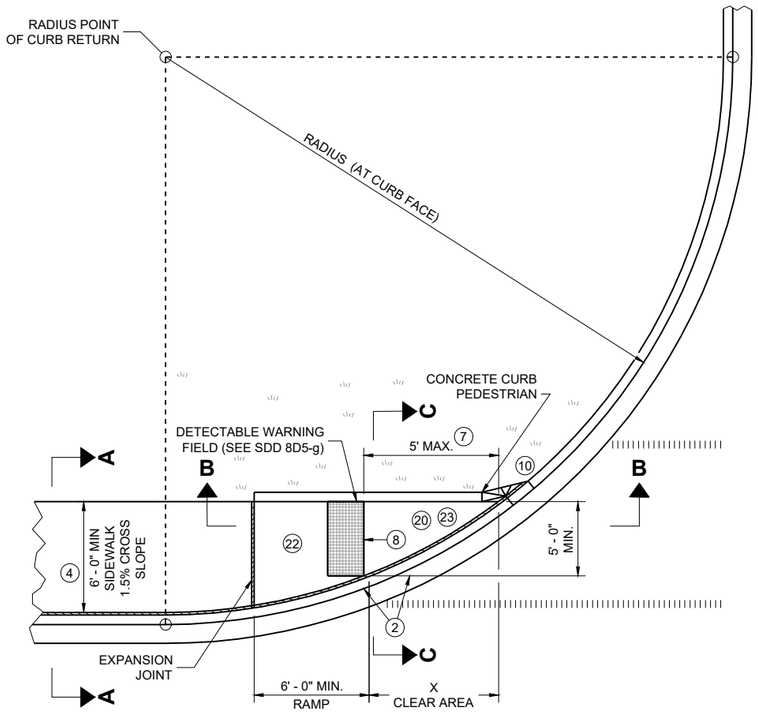
LEGEND

- ½" EXPANSION JOINT SIDEWALK
- – – – CONTRACTION JOINT SIDEWALK
- PAVEMENT MARKING CROSSWALK (WHITE)
- * MAXIMUM 2.1% SLOPE IN ALL DIRECTIONS IN FRONT OF GRADE BREAK
- ** WIDTH SHOWN ELSEWHERE IN THE PLANS
- ++ CONSTRUCT 6" WEDGE TO AVOID CONCRETE BREAKAGE

CURB RAMPS TYPE 2 AND 3

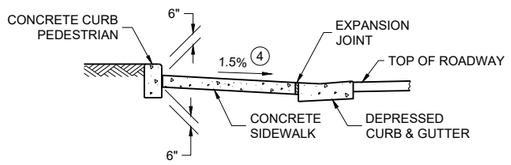
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6
SDD 08D05-22b

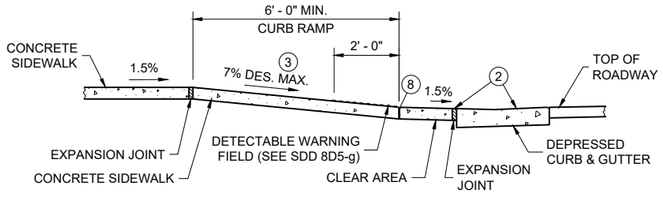


PLAN VIEW

CURB RAMP TYPE 4A



SECTION C - C FOR TYPE 4A



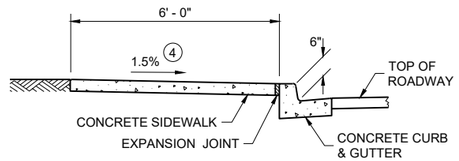
SECTION B - B FOR TYPE 4A AND TYPE 4A1

LEGEND

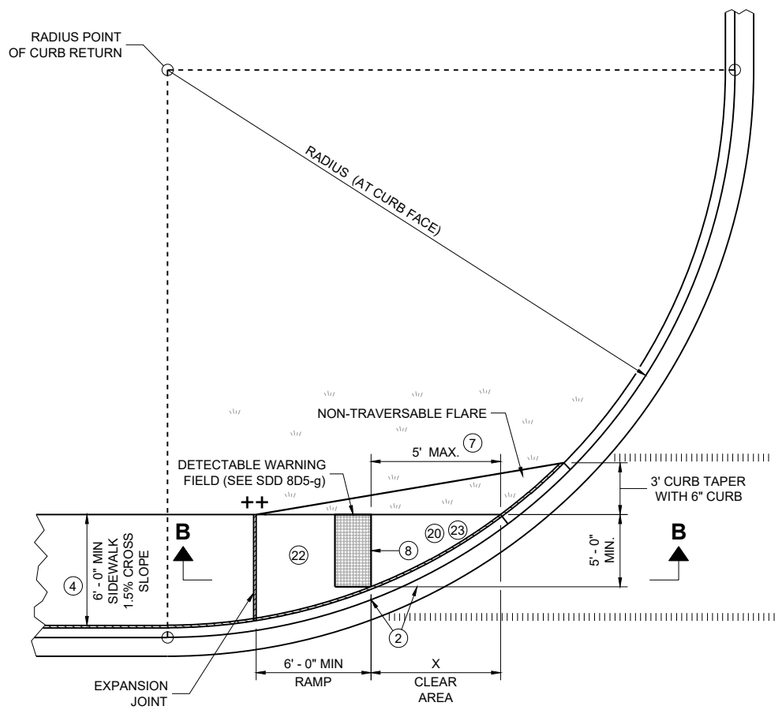
- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT SIDEWALK
- PAVEMENT MARKING CROSSWALK (WHITE)
- ++ CONSTRUCT 6" WEDGE TO AVOID CONCRETE BREAKAGE

RADIUS (AT CURB FACE)	X
10 FEET	4' - 7"

INTERMEDIATE RADII CAN BE INTERPOLATED



SECTION A - A FOR TYPE 4A



PLAN VIEW

CURB RAMP TYPE 4A1

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF CURB RAMP ACCESS AREAS.

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

(2) GRADE CHANGE BETWEEN GUTTER COUNTER SLOPE AND THE CURB RAMP SLOPE IS DESIRABLY 11% OR LESS AND SHALL NOT EXCEED 13.3%. TYPICAL GUTTER COUNTER SLOPE IS 4% BUT MAY BE MODIFIED TO FIT FIELD CONDITIONS. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5%, DESIRABLY 7% OR LESS, AND SHALL NOT EXCEED A MAXIMUM OF 8.3%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) MAXIMUM 8.3% CURB RAMP SLOPE IS ALLOWABLE WITH GUTTER COUNTER SLOPE OF 5% MAXIMUM AND A 13.3% MAXIMUM GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2.1% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(7) WHEN THIS GRADE BREAK DISTANCE EXCEEDS 5 FEET, USE RADIAL DETECTABLE WARNING FIELD PER SDD 8D5-f.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

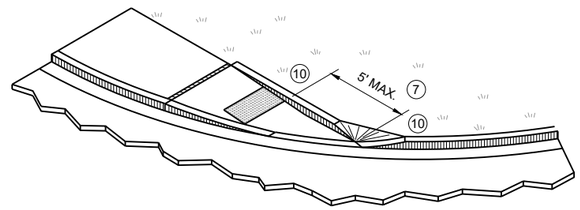
(10) INSTALL TRANSITION NOSE (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.

(17) A MAXIMUM 2-INCH CONCRETE BORDER IS PERMITTED ALONG ALL SIDES OF THE DETECTABLE WARNING FIELD SURFACE.

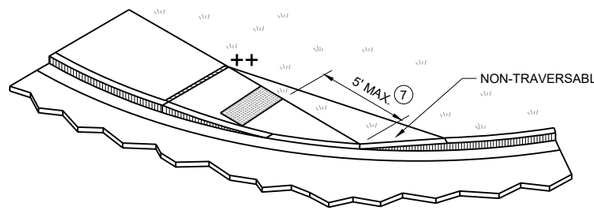
(20) MAXIMUM 1.5% DESIGN MAXIMUM AND 2.1% PROWAG MAXIMUM RUNNING SLOPE ON CLEAR AREA. CROSS SLOPE OF CLEAR AREA SHALL MATCH THE CROSS SLOPE OF THE ADJACENT CROSSWALK.

(22) THE ENTIRE RAMP SHALL BE A PLANAR SURFACE. DO NOT WARP THE RUNNING SLOPE OR CROSS SLOPE OF THE RAMP. WARPING OF THE SIDEWALK CROSS SLOPE SHALL TAKE PLACE BETWEEN THE LANDING AND MATCH POINT.

(23) THE CLEAR AREA BETWEEN THE BOTTOM OF RAMP AND BACK OF CURB SHALL BE SLOPED SO THAT WATER DRAINS OUT OF ONE SIDE OR BOTH SIDES OF THE CURB OPENING.



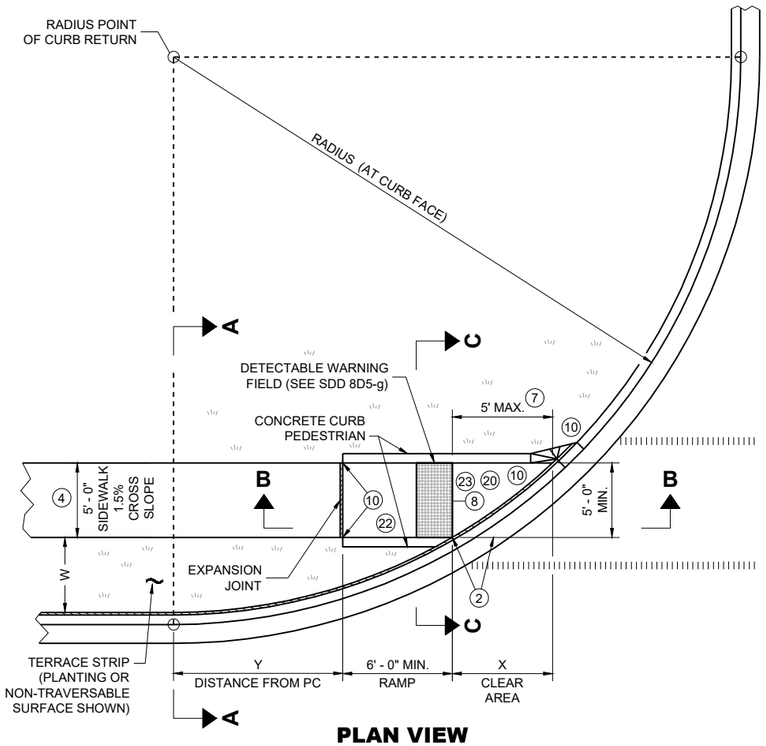
ISOMETRIC VIEW FOR TYPE 4A



ISOMETRIC VIEW FOR TYPE 4A1

CURB RAMPS
TYPE 4A AND 4A1

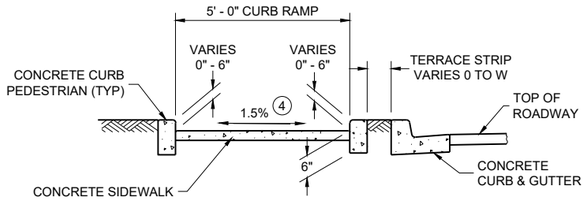
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



PLAN VIEW
CURB RAMP TYPE 4B

RADIUS (AT CURB FACE)	W = 3' - 0"		W = 4' - 0"		W = 5' - 0"		W = 6' - 0"		W = 7' - 0"		W = 8' - 0"		W = 9' - 0"		W = 10' - 0"	
	X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	X	Y
10 FEET	2' - 10 ¼"	0' - 5"	2' - 1"	1' - 4 ½"	1' - 5"	2' - 1"	0' - 10"	2' - 7 ½"	0' - 3 ¼"	3' - 0 ¼"						
15 FEET	4' - 6 ¾"	2' - 1 ¾"	3' - 9"	3' - 5 ¾"	3' - 1 ¼"	4' - 6"	2' - 6 ¾"	5' - 4 ½"	2' - 1"	6' - 1"	1' - 8"	6' - 8 ½"	1' - 3 ¼"	7' - 2 ½"	0' - 10 ¾"	7' - 7 ¼"
20 FEET			4' - 11 ½"	5' - 1 ¾"	4' - 3 ¼"	6' - 5 ½"	3' - 8 ¾"	7' - 7"	3' - 3"	8' - 6 ½"	2' - 10"	9' - 4 ½"	2' - 5 ½"	10' - 1 ¼"	2' - 1 ¼"	10' - 9"
30 FEET									4' - 10 ¾"	12' - 5 ¾"	4' - 5 ½"	13' - 7 ¾"	4' - 0 ¾"	14' - 8 ½"	3' - 8 ½"	15' - 8 ¼"
40 FEET															4' - 10 ¾"	19' - 8 ¼"

INTERMEDIATE RADII CAN BE INTERPOLATED
DIMENSION "Y" IS CALCULATED BASED ON 6'-0" RAMP LENGTH
DIMENSION "X" IS CALCULATED BASED ON 5'-0" SIDEWALK WIDTH



SECTION C - C FOR TYPE 4B

LEGEND

- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT SIDEWALK
- PAVEMENT MARKING CROSSWALK (WHITE)
- * MAXIMUM 2.1% SLOPE IN ALL DIRECTIONS IF FRONT OF GRADE BREAK
- ++ CONSTRUCT 6" WEDGE TO AVOID CONCRETE BREAKAGE

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF CURB RAMP ACCESS AREAS.

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

(2) GRADE CHANGE BETWEEN GUTTER COUNTER SLOPE AND THE CURB RAMP SLOPE IS DESIRABLY 11% OR LESS AND SHALL NOT EXCEED 13.3%. TYPICAL GUTTER COUNTER SLOPE IS 4% BUT MAY BE MODIFIED TO FIT FIELD CONDITIONS. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5%, DESIRABLY 7% OR LESS, AND SHALL NOT EXCEED A MAXIMUM OF 8.3%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) MAXIMUM 8.3% CURB RAMP SLOPE IS ALLOWABLE WITH GUTTER COUNTER SLOPE OF 5% MAXIMUM AND A 13.3% MAXIMUM GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2.1% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(7) WHEN THIS GRADE BREAK DISTANCE EXCEEDS 5 FEET, USE RADIAL DETECTABLE WARNING FIELD PER SDD 8D5-f.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

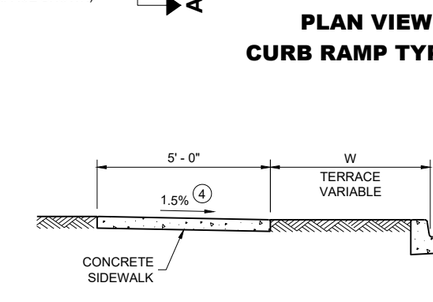
(10) INSTALL TRANSITION NOSE (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.

(17) A MAXIMUM 2-INCH CONCRETE BORDER IS PERMITTED ALONG ALL SIDES OF THE DETECTABLE WARNING FIELD SURFACE.

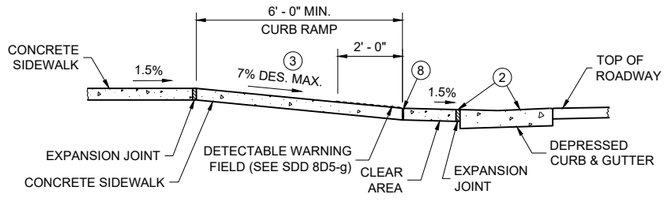
(20) MAXIMUM 1.5% DESIGN MAXIMUM AND 2.1% PROWAG MAXIMUM RUNNING SLOPE ON CLEAR AREA. CROSS SLOPE OF CLEAR AREA SHALL MATCH THE CROSS SLOPE OF THE ADJACENT CROSSWALK.

(22) THE ENTIRE RAMP SHALL BE A PLANAR SURFACE. DO NOT WARP THE RUNNING SLOPE OR CROSS SLOPE OF THE RAMP. WARPING OF THE SIDEWALK CROSS SLOPE SHALL TAKE PLACE BETWEEN THE LANDING AND MATCH POINT.

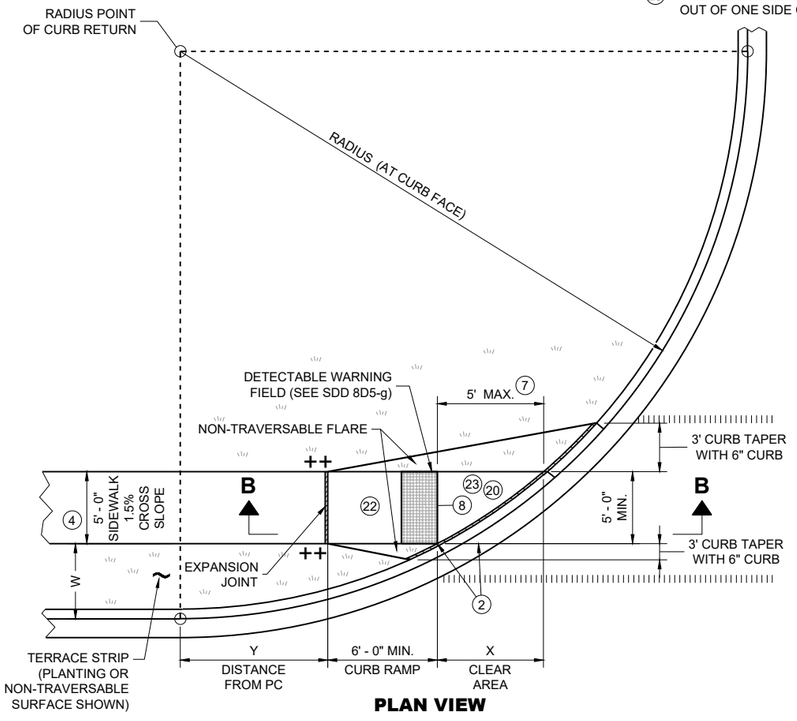
(23) THE CLEAR AREA BETWEEN THE BOTTOM OF RAMP AND BACK OF CURB SHALL BE SLOPED SO THAT WATER DRAINS OUT OF ONE SIDE OR BOTH SIDES OF THE CURB OPENING.



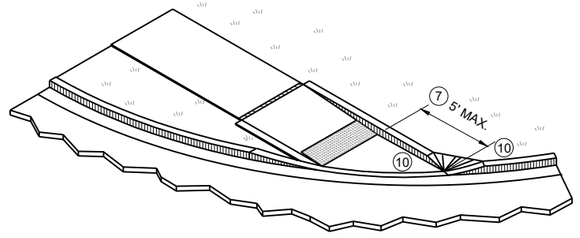
SECTION A - A FOR TYPE 4B



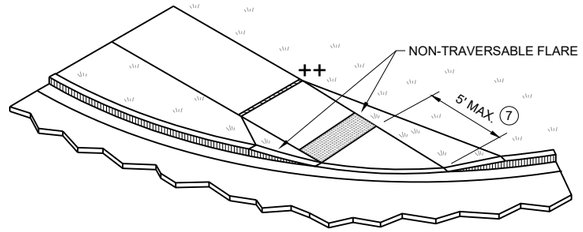
SECTION B - B FOR TYPE 4B AND TYPE 4B1



PLAN VIEW
CURB RAMP TYPE 4B1



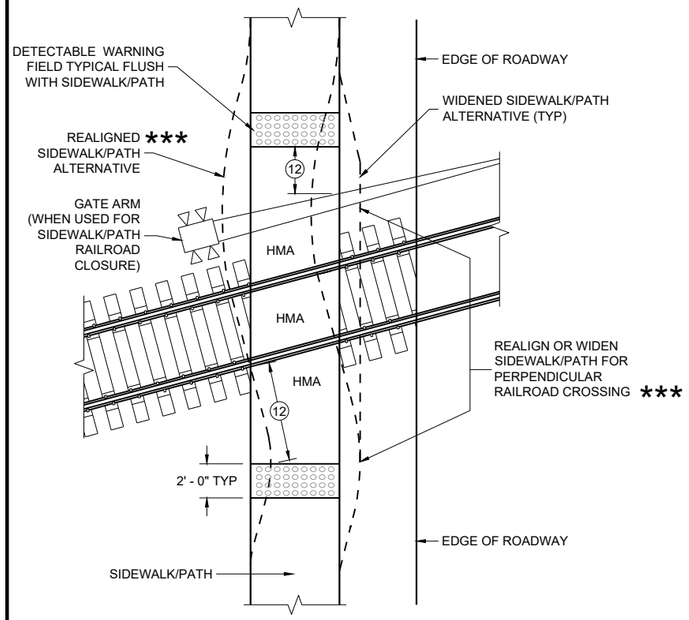
ISOMETRIC VIEW FOR TYPE 4B



ISOMETRIC VIEW FOR TYPE 4B1

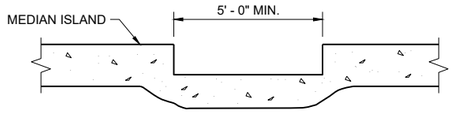
CURB RAMPS
TYPE 4B AND 4B1

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

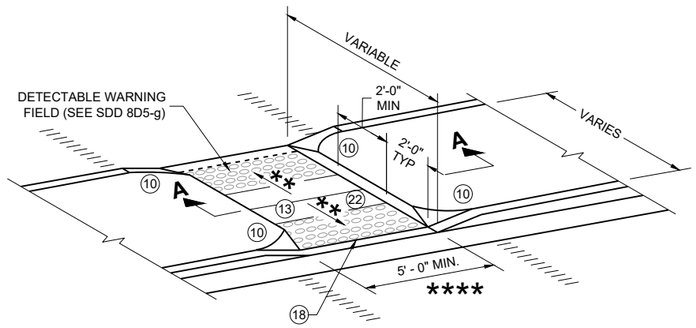


CURB RAMP TYPE 8

DETECTABLE WARNINGS FOR SIDEWALKS OR SHARED USE PATHS AT RAILROAD CROSSINGS



SECTION A - A FOR TYPE 5



CURB RAMP TYPE 5

MEDIAN ISLAND NON-ELEVATED PEDESTRIAN CROSSING

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF CURB RAMP ACCESS AREAS.

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2.1%.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

(2) GRADE CHANGE BETWEEN GUTTER COUNTER SLOPE AND THE CURB RAMP SLOPE IS DESIRABLY 11% OR LESS AND SHALL NOT EXCEED 13.3%. TYPICAL GUTTER COUNTER SLOPE IS 4% BUT MAY BE MODIFIED TO FIT FIELD CONDITIONS. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5%, DESIRABLY 7% OR LESS, AND SHALL NOT EXCEED A MAXIMUM OF 8.3%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) MAXIMUM 8.3% CURB RAMP SLOPE IS ALLOWABLE WITH GUTTER COUNTER SLOPE OF 5% MAXIMUM AND A 13.3% MAXIMUM GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2.1% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A 5 FOOT BY 5 FOOT LANDING. SLOPE PERPENDICULAR TO CURB SHALL BE 2.1% MAXIMUM. SLOPE PARALLEL TO CURB SHALL MATCH THE CURB AND GUTTER LONGITUDINAL SLOPE.

(10) INSTALL TRANSITION NOSE (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.

(11) SLOPE SIDEWALK TOWARD LANDING AS SHOWN WHERE THERE IS NO TERRACE OR WHERE THE TERRACE WIDTH IS LESS THAN 6 FEET WIDE.

(12) THE EDGE OF THE DETECTABLE WARNING FIELD NEAREST TO A RAILROAD CROSSING SHALL BE 1.5 FEET ±0.1' FROM THE FACE OF THE GATE ARM IF THE GATE ARM EXTENDS ACROSS THE SIDEWALK/PATH, WHERE THERE IS NO PEDESTRIAN GATE, THE EDGE OF THE DETECTABLE WARNING FIELD NEAREST TO THE RAILROAD TRACK IS 15 FEET MAXIMUM AND 12 FEET MINIMUM, 15 FEET TYPICAL FROM THE NEAREST RAIL.

(13) DO NOT INSTALL DETECTABLE WARNING FIELDS AT THE EDGES OF STEET-LEVEL PEDESTRIAN REFUGE ISLANDS IF A MINIMUM 2 FOOT CONCRETE SURFACE WITHOUT DETECTABLE WARNINGS (MEASURED IN THE DIRECTION OF PEDESTRIAN TRAVEL) CANNOT BE ACHIEVED.

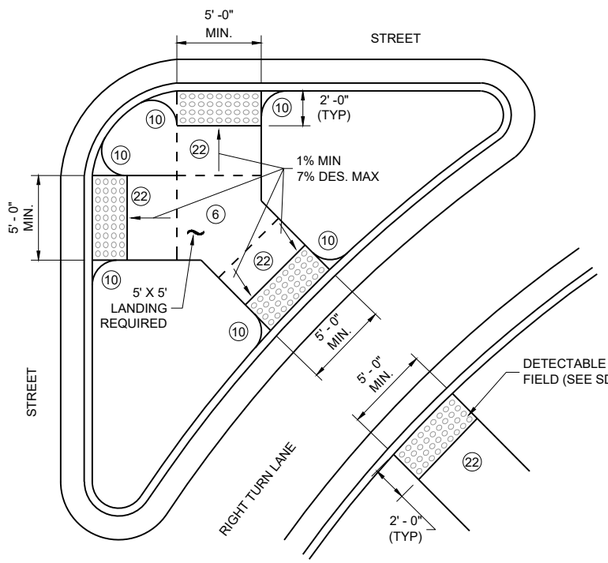
(17) A MAXIMUM 2-INCH CONCRETE BORDER IS PERMITTED ALONG ALL SIDES OF THE DETECTABLE WARNING FIELD SURFACE.

(18) WHEN THE DISTANCE BETWEEN THE BACK OF CURBS IS LESS THAN 6 FEET BUT THE FACE OF CURB TO FACE OF CURB DISTANCE IS 6 FEET OR GREATER THEN THE DETECTABLE WARNING FIELDS MAY BE MOVED SO THAT THE EDGE OF THE WARNING FIELD IS PLACED AT THE GUTTER FLOWLINE. MAINTAIN A MINIMUM OF TWO FEET BETWEEN DETECTABLE WARNING FIELD PANELS.

(22) THE ENTIRE RAMP SHALL BE A PLANAR SURFACE. DO NOT WARP THE RUNNING SLOPE OR CROSS SLOPE OF THE RAMP. WARPING OF THE SIDEWALK CROSS SLOPE SHALL TAKE PLACE BETWEEN THE LANDING AND MATCH POINT.

CURB RAMP TYPE 7A

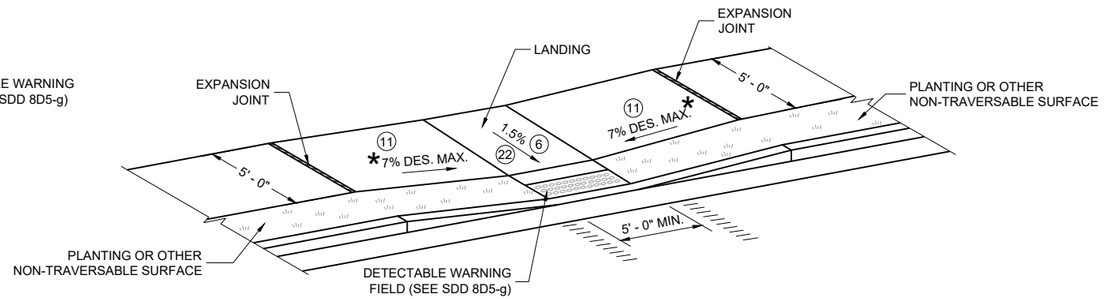
FOR INTERSECTIONS AND MID BLOCK CROSSINGS



CURB RAMP TYPE 6

DETECTABLE WARNING AT ISLANDS

REFER TO GENERAL NOTES (2) AND (3) FOR ALL ISLAND CURB RAMPS

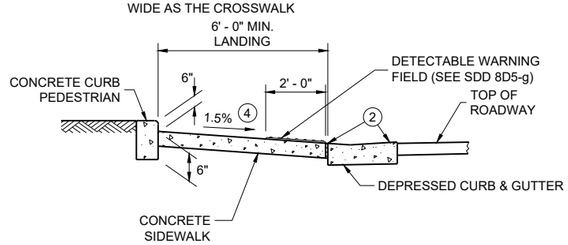


CURB RAMP TYPE 7B

FOR INTERSECTIONS AND MID BLOCK CROSSINGS

LEGEND

- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)
- * MAXIMUM 8.3%
- ** 1% MINIMUM (PROVIDE DRAINAGE)
- *** DETAILS TO BE DETERMINED BY ENGINEER
- **** FOR SHARED USE PATHS, WIDTH MUST BE AS WIDE AS THE CROSSWALK



SECTION B - B FOR TYPE 7A

CURB RAMPS
TYPE 5, 6, 7A, 7B & 8

STATE OF WISCONSIN
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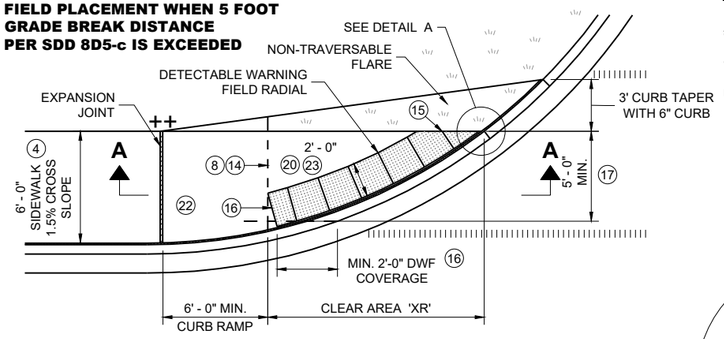
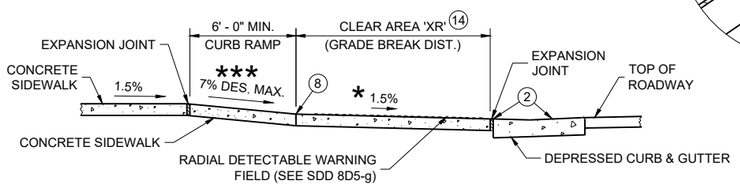
SDD 08D05-22e

RADIAL DETECTABLE WARNING FIELD PLACEMENT WHEN 5 FOOT GRADE BREAK DISTANCE PER SDD 8D5-c IS EXCEEDED



PLAN VIEW

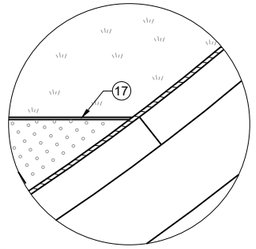
CURB RAMP TYPE 4A1
(GRADE BREAK DISTANCE GREATER THAN 5 FEET)



SECTION A - A FOR TYPE 4A1

LEGEND

- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT SIDEWALK
- PAVEMENT MARKING CROSSWALK (WHITE)
- ** WIDTH SHOWN ELSEWHERE IN THE PLANS
- *** MAXIMUM 8.3%
- ++ CONSTRUCT 6" WEDGE TO AVOID CONCRETE BREAKAGE



DETAIL A

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF CURB RAMP ACCESS AREAS.

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

APPLY RADIAL DETECTABLE WARNING PLACEMENT SIMILARLY FOR TYPE 4A AND 4A1 CURB RAMPS AND SIMILARLY FOR TYPE 4B AND 4B1 CURB RAMPS. TYPE 4A AND 4B CURB RAMPS ARE NOT SHOWN.

REFER TO SDD 8D5-g FOR ADDITIONAL RADIAL PLATE REQUIREMENTS.

FIELD CUTS AT INTERMEDIATE JOINTS WITHIN THE RADIAL DETECTABLE WARNING FILED ARE PROHIBITED.

DETERMINE FINAL RADIAL WARNING FIELD CONFIGURATION AD ITS INDIVIDUAL PLATE LOCATIONS. PERFORM PRE-LAYOUT PRIOR TO PLACEMENT IN PLASTIC CONCRETE. FOLLOW MANUFACTURER'S PRODUCT LIST AND INSTALLATION RECOMMENDATIONS.

(2) GRADE CHANGE BETWEEN GUTTER COUNTER SLOPE AND THE CURB RAMP SLOPE IS DESIRABLY 11% OR LESS AND SHALL NOT EXCEED 13.3%. TYPICAL GUTTER COUNTER SLOPE IS 4% BUT MAY BE MODIFIED TO FIT FIELD CONDITIONS. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5%, DESIRABLY 7% OR LESS, AND SHALL NOT EXCEED A MAXIMUM OF 8.3%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) MAXIMUM 8.3% CURB RAMP SLOPE IS ALLOWABLE WITH GUTTER COUNTER SLOPE OF 5% MAXIMUM AND A 13.3% MAXIMUM GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2.1% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A 5 FOOT BY 5 FOOT LANDING. SLOPE PERPENDICULAR TO CURB SHALL BE 2.1% MAXIMUM. SLOPE PARALLEL TO CURB SHALL MATCH THE CURB AND GUTTER LONGITUDINAL SLOPE.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

(14) CONSULT ENGINEER IF GRADE BREAK LOCATION (END OF LANDING DIMENSION "XR") REQUIRES FIELD ADJUSTMENT WHEN ESTABLISHING FINAL RADIAL DETECTABLE WARNING FIELD LOCATION.

(15) FIELD SAW CUTS ALONG RADIAL DETECTABLE WARNING PLATES WILL BE NECESSARY TO MATCH EACH CURB RAMP EDGE. AVOID CUTTING THROUGH DOMES WHENEVER POSSIBLE. MAKE FIELD CUTS TRUE TO LINE AND WITHIN ⅛" DEVIATION. SMOOTH EDGES OF FIELD CUT PLATES.

(16) USE 1' X 2" RECTANGULAR END PLATE AT END OF TYPE 4A1 RAMP AND PROVIDE MINIMUM 2' - 0" DETECTABLE WARNING FIELD COVERAGE (IN DIRECTION OF PEDESTRIAN TRAVEL) ALONG THE ENTIRE CURB RAMP WIDTH.

(17) A MAXIMUM 2-INCH CONCRETE BORDER IS PERMITTED ALONG ALL SIDES OF THE DETECTABLE WARNING FIELD SURFACE.

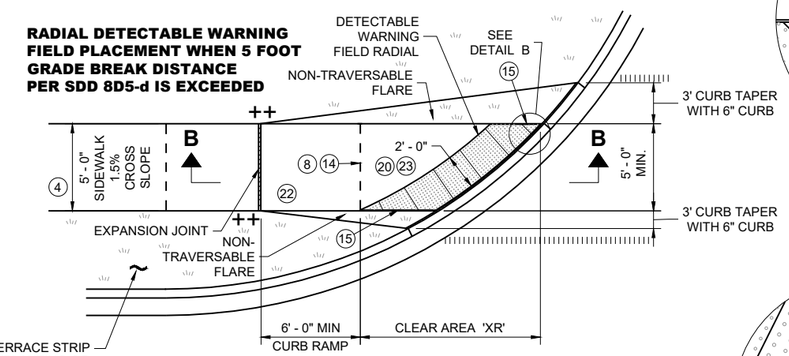
(19) WHERE A LANDING SERVES TWO CURB RAMPS, THE LANDING SLOPE SHALL NOT EXCEED THE CROSS SLOPE AT THE BOTTOM OF THE RAMP OR WITHIN THE CROSSWALK PARALLEL TO THE DIRECTION OF TRAVEL.

(20) MAXIMUM 1.5% DESIGN MAXIMUM AND 2.1% PROWAG MAXIMUM RUNNING SLOPE ON CLEAR AREA. CROSS SLOPE OF CLEAR AREA SHALL MATCH THE CROSS SLOPE OF THE ADJACENT CROSSWALK.

(22) THE ENTIRE RAMP SHALL BE A PLANAR SURFACE. DO NOT WARP THE RUNNING SLOPE OR CROSS SLOPE OF THE RAMP. WARPING OF THE SIDEWALK CROSS SLOPE SHALL TAKE PLACE BETWEEN THE LANDING AND MATCH POINT.

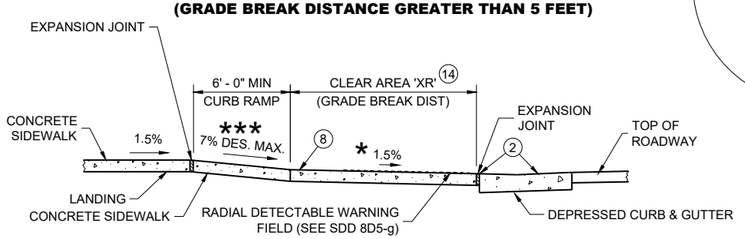
(23) THE CLEAR AREA BETWEEN THE BOTTOM OF RAMP AND BACK OF CURB SHALL BE SLOPED SO THAT WATER DRAINS OUT OF ONE SIDE OR BOTH SIDES OF THE CURB OPENING.

RADIAL DETECTABLE WARNING FIELD PLACEMENT WHEN 5 FOOT GRADE BREAK DISTANCE PER SDD 8D5-d IS EXCEEDED

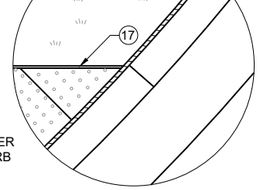


PLAN VIEW

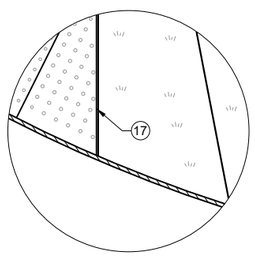
CURB RAMP TYPE 4B1
(GRADE BREAK DISTANCE GREATER THAN 5 FEET)



SECTION B - B FOR TYPE 4B1

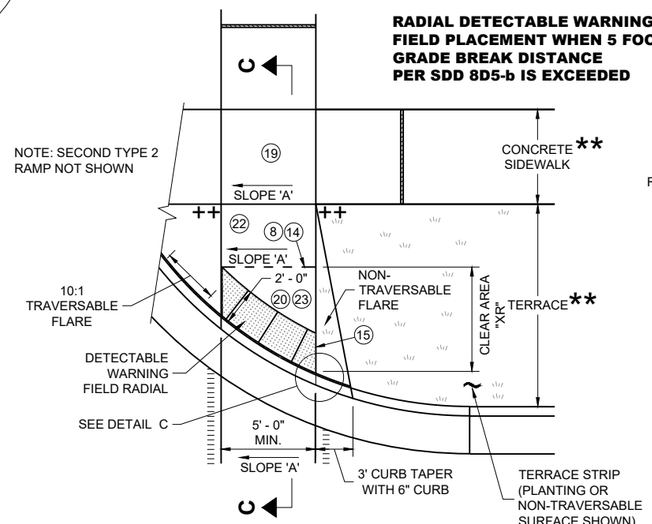


DETAIL B



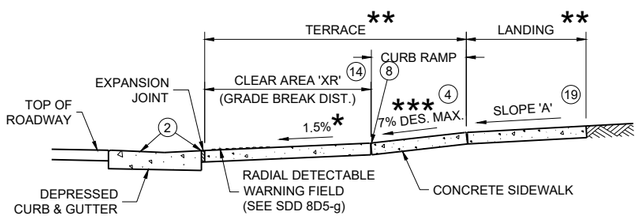
DETAIL C

RADIAL DETECTABLE WARNING FIELD PLACEMENT WHEN 5 FOOT GRADE BREAK DISTANCE PER SDD 8D5-b IS EXCEEDED



PLAN VIEW

CURB RAMP TYPE 2
(GRADE BREAK DISTANCE GREATER THAN 5 FEET)
(ON LINE WITH SIDEWALK)



SECTION C - C FOR TYPE 2

CURB RAMPS
RADIAL DETECTABLE WARNING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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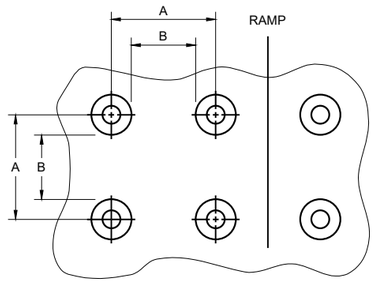
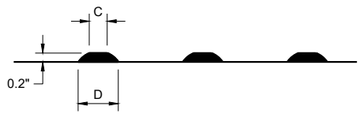
SDD 08D05-22f

	MIN.	MAX.
A	1.6"	2.4"
B	0.65"	1.5"
C	*	*
D	0.9"	1.4"

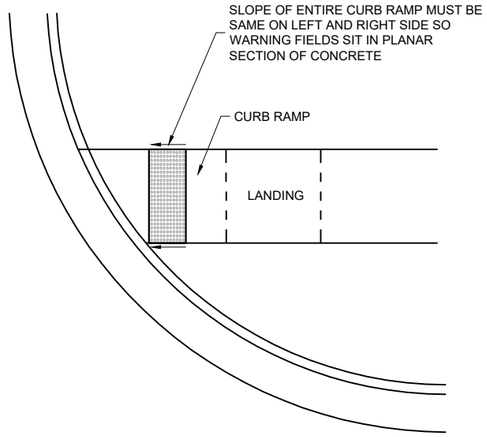
* THE C DIMENSION IS 50% TO 65% OF THE D DIMENSION.



PLAN VIEW



ELEVATION VIEW



DETECTABLE WARNING FIELD
PLANAR INSTALLATION

GENERAL NOTES

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AT A CURB RAMP SHALL BE FROM THE SAME MANUFACTURER.

PLACE ALL DETECTABLE WARNING FIELD SYSTEMS IN ACCORDANCE TO THE MANUFACTURER'S RECOMMENDATION.

FIELD CUTS AT INTERMEDIATE JOINTS WITHIN THE RADIAL DETECTABLE WARNING FILED ARE PROHIBITED.

DETERMINE FINAL RADIAL WARNING FIELD CONFIGURATION AND ITS INDIVIDUAL PLATE LOCATIONS. PERFORM PRE-LAYOUT PRIOR TO PLACEMENT IN PLASTIC CONCRETE. FOLLOW MANUFACTURER'S PRODUCT LIST AND INSTALLATION RECOMMENDATIONS.

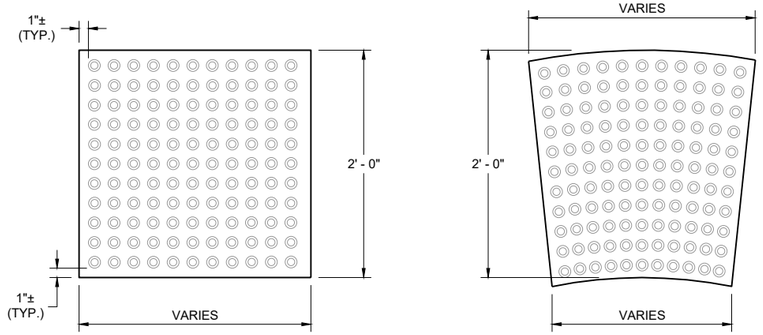
FOR RADIAL DETECTABLE WARNING FIELD APPLICATIONS WHERE STANDARD RADIAL PLATES ARE NOT AVAILABLE AT AN INTERSECTION CURB RADIUS, A COMBINATION OF SQUARE OR RECTANGULAR PLATES AND RADIAL PLATES MAY BE USED TO FORM RADIAL CONFIGURATION. RADIAL WEDGE PLATES IN COMBINATION WITH SQUARE PLATES ARE ALSO ACCEPTABLE. FOLLOW MANUFACTURER'S RECOMMENDATIONS.

REFER TO CONTRACT AND STANDARD SPECIFICATIONS FOR FIELD CUTTING REQUIREMENTS.

DO NOT EMBED IN CONCRETE ANY FIELD-CUT PLATES WITH CUT EDGES SHORTER THAN 6 INCHES. CONSULT WITH MANUFACTURER FOR RE-DRILLING AND ANCHORING REQUIREMENTS OF FIELD-CUT PLATES.

(15) FIELD SAW CUTS ALONG RADIAL DETECTABLE WARNING PLATES WILL BE NECESSARY TO MATCH EACH CURB RAMP EDGE. AVOID CUTTING THROUGH DOMES WHENEVER POSSIBLE. MAKE FIELD CUTS TRUE TO LINE AND WITHIN ⅛" DEVIATION. SMOOTH EDGES OF FIELD CUT PLATES.

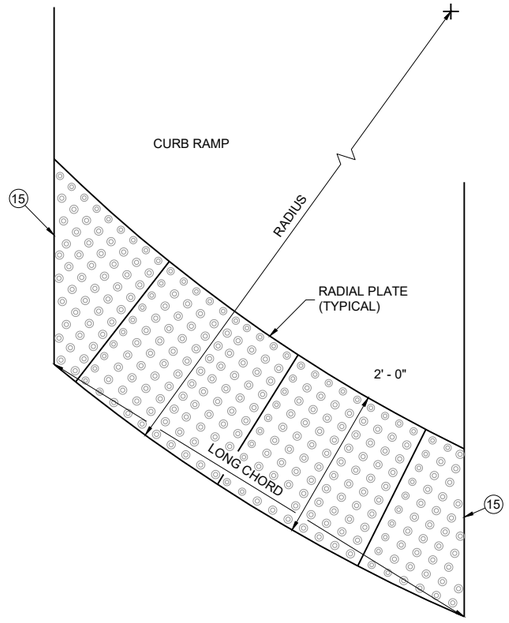
TRUNCATED DOMES
DETECTABLE WARNING PATTERN DETAIL



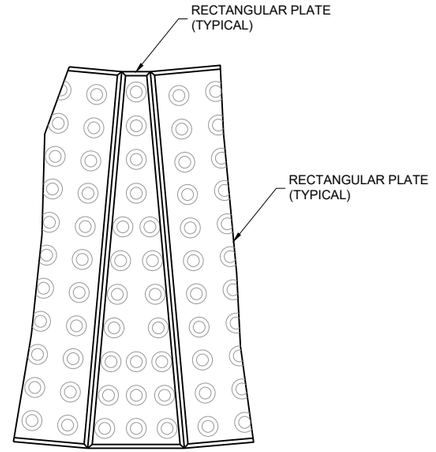
RECTANGULAR PLATES

RADIAL PLATES

PLAN VIEW
DETECTABLE WARNING FIELDS (TYPICAL)



PLAN VIEW
RADIAL DETECTABLE WARNING FIELD ATTRIBUTES



PLAN VIEW
RADIAL WEDGE PLATE CONNECTION DETAIL

CURB RAMPS
RECTANGULAR AND RADIAL
DETECTABLE WARNING PLATES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2025 — DATE
/S/ Rodney Taylor — <position>

FHWA

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SDD 08D05-22g

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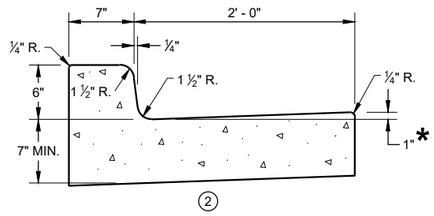
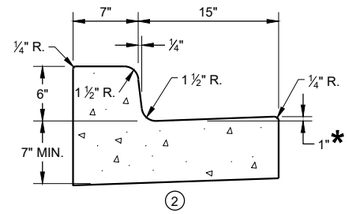
SDD 08D05-22g

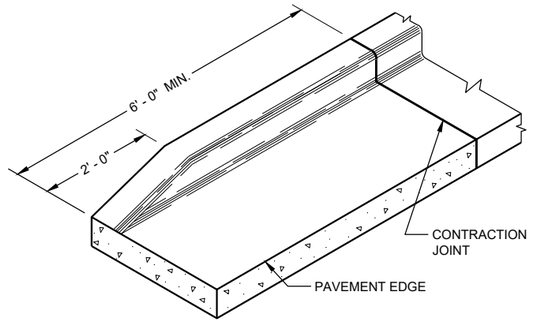


CONCRETE CURB AND GUTTER 31" ①

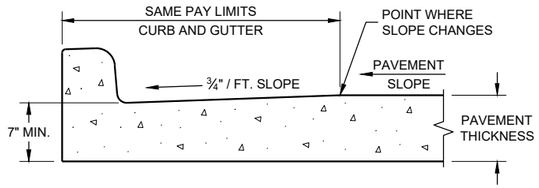
*TO BE MEASURED TO A MAXIMUM OF 3" WHERE DRAINAGE PROBLEMS EXIST.



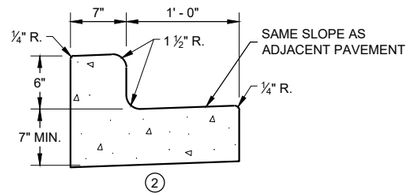
CONCRETE CURB AND GUTTER 22" ①



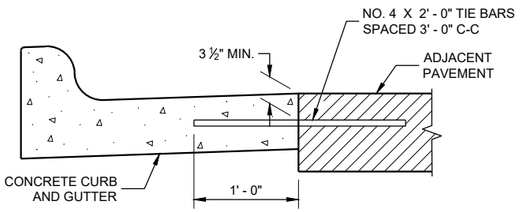
END SECTIONCURB AND GUTTER



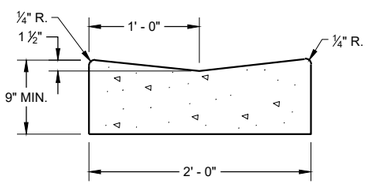
PARTIAL SECTION OF PAVEMENT WITH INTEGRAL CURB AND GUTTER



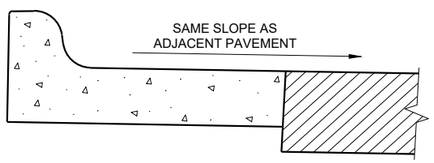
CONCRETE CURB AND GUTTER 19" ①



TYPICAL TIE BAR LOCATION ①



CONCRETE GUTTER 24" ①



HIGH SIDE SECTION ③

(TYPICAL FOR ALL CURB & GUTTER TYPES)

GENERAL NOTES

DETAILS OF CONSTRUCTION AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

PAVEMENT TIES AND TIE BARS SHALL BE EPOXY COATED IN CONFORMANCE WITH SUBSECTION 505.2.6.2 OF THE STANDARD SPECIFICATIONS.

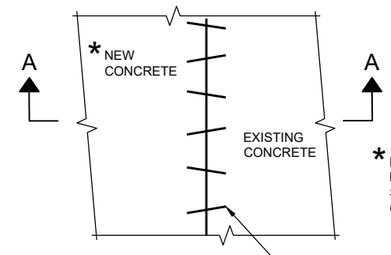
INTEGRAL CURB AND GUTTER SHALL CONFORM TO THE DETAILS SHOWN FOR CONCRETE CURB AND GUTTER INCLUDING THE TRANSVERSE GUTTER SLOPE. A LONGITUDINAL CONSTRUCTION JOINT IS NOT REQUIRED WITH INTEGRAL CURB AND GUTTER.

UNLESS OTHERWISE SHOWN ON THE TYPICAL CROSS SECTIONS, THE BASE COURSE AND UNCLASSIFIED EXCAVATION LIMITS ARE 2' - 0" BEHIND THE BACK OF CURBS.

① WHEN PLACED ADJACENT TO NEW CONCRETE, TIE BARS ARE REQUITED FOR CURB AND GUTTER 31", 22", 19" AND CONCRETE GUTTER 24".

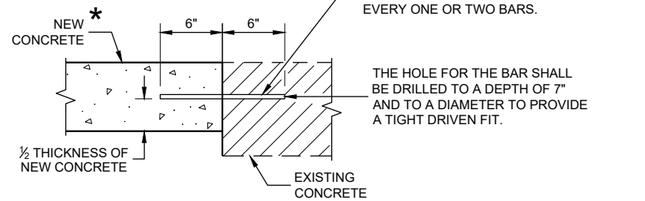
② THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE COURSE PROVIDED A 7" MINIMUM GUTTER THICKNESS IS MAINTAINED.

③ WHEN HIGH SIDE CURB SECTION IS REQUIRED, THE LOCATION(S) WILL BE NOTED ON THE PLANS



*EXISTING AND NEW CONCRETE MAY BE CURB AND GUTTER, SURFACE DRAINS, PAVEMENT OR OTHER CONCRETE STRUCTURE.

PLAN VIEW



SECTION A - A

PAVEMENT TIES

CONCRETE GUTTER, CURB AND GUTTER AND PAVEMENT TIES

(For Optional use in Milwaukee Co. Only)

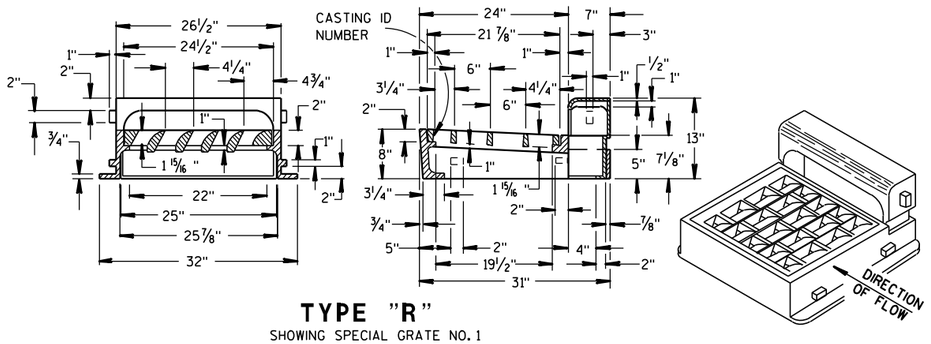
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2020 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVE ENGINEER
FHWA

6

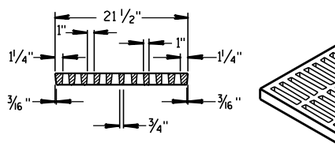
SDD 08D16 - 11
SDD 08D16 - 11

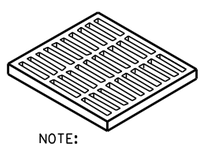
INLET COVERS



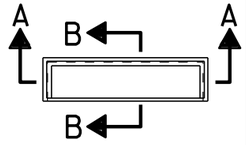
TYPE "R"

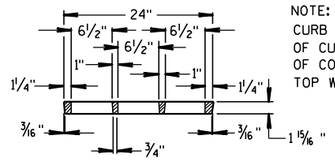
SHOWING SPECIAL GRATE NO. 1
(TO BE NOTED AS R-1 IN DRAINAGE TABLE)



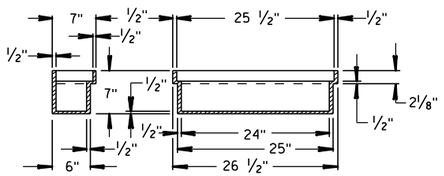


(APPROX. WEIGHT - 510 LBS.)
FRAME..... 245 LBS.
CURB..... 120 LBS.
GRATE..... 145 LBS.





NOTE:
CURB PLUG USED IN PLACE OF CURB BOX IN ABSENCE OF CONC. CURB. FILL TO TOP WITH CONCRETE.



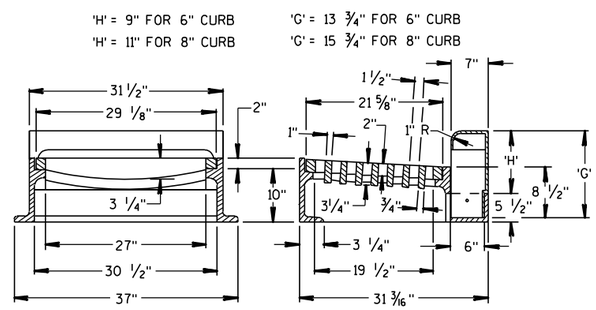
GRATE FOR TYPE "R" INLET COVER

(GRATE..... 150 LBS.)
(TO BE USED UNLESS OTHERWISE NOTED IN DRAINAGE TABLE)

SECTION B-B SECTION A-A

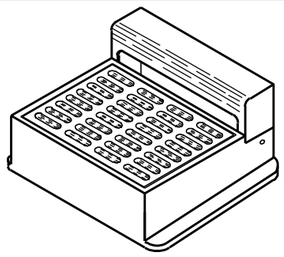
SPECIAL CURB PLUG "P"

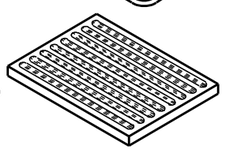
(CURB PLUG..... 85 LBS.)
(TO BE NOTED AS R-P IN DRAINAGE TABLE)



TYPE "W"

(APPROX. WEIGHT - 670 LBS.)
FRAME..... 350 LBS.
CURB BOX..... 135 LBS.
GRATE..... 185 LBS.

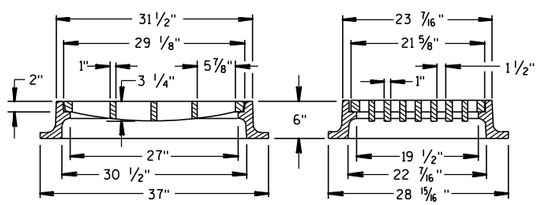




ALTERNATE GRATE

(FOR EXPRESSWAY RAMPS)

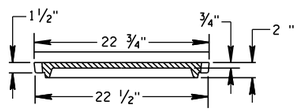
TYPES "W" & "X"



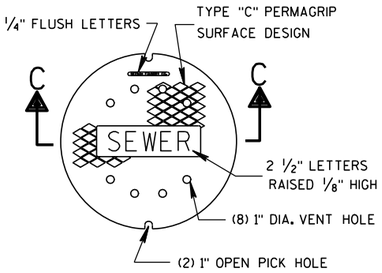
TYPE "X"

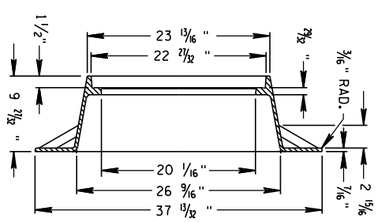
(APPROX. WEIGHT - 470 LBS.)

MANHOLE COVER



SECTION C-C

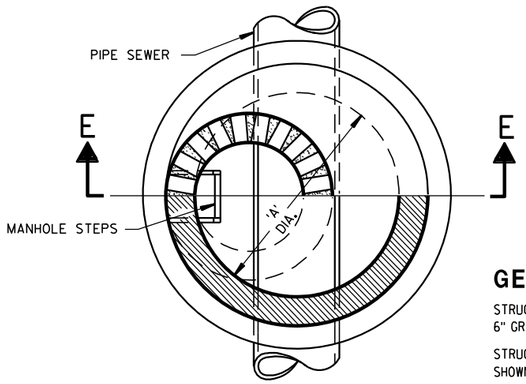




TYPE "Q"

(APPROX. WEIGHT - 290 LBS.)

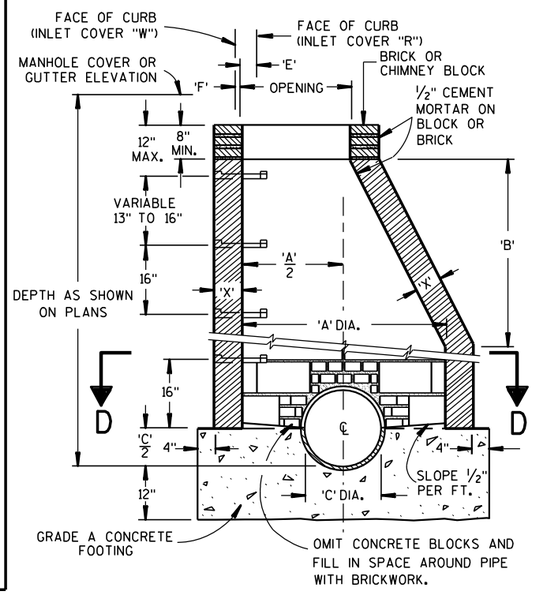
MANHOLE



HALF SECTION D-D

TABLE OF OPENING DIMENSIONS

COVER TYPE	COVER DESCRIPTION	OPENING	'E'	'F'
"O"	ROUND	2'-2" DIA.	—	—
"W"	CURB BOX	1'-8" X 2'-6"	—	1"
"X"	INLET	1'-10" X 2'-6"	—	—
"R"	CURB BOX	2'-0" X 2'-1"	4"	—



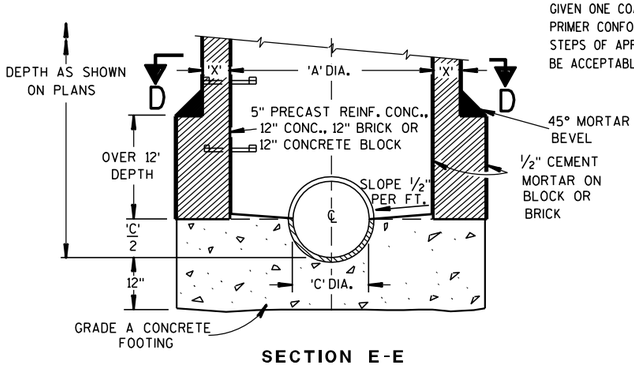
SECTION E-E

TABLE OF DIMENSIONS

TYPE	'A'	'B'	'C'
11	3'-6"	2'-8"	12" - 36"*
12	4'-0"	3'-8"	12" - 42"**
13	5'-0"	5'-8"	42" - 48"
14	6'-0"	7'-8"	54" - 60"

* 12" - 21" FOR PRECAST MANHOLES
** 12" - 24" FOR PRECAST MANHOLES

THE FIRST STEP SHALL BE PLACED 16" ABOVE THE BENCH.



SECTION E-E

TYPES 11, 12, 13 & 14

GENERAL NOTES

STRUCTURE WALL THICKNESS 'X' TO BE 8" BRICK, 6" CONCRETE BLOCK, 6" GRADE A CONCRETE OR 5" PRECAST REINFORCED CONCRETE.

STRUCTURE FOOTINGS ARE TO BE GRADE A CONCRETE OF THE THICKNESS SHOWN IN THE DETAIL OR 5" PRECAST REINFORCED CONCRETE.

REINFORCEMENT FOR 5" PRECAST REINFORCED CONCRETE SHALL BE 6" X 6" W16 X W16 WELDED SREEL WIRE FABRIC AND SHALL BE EMBEDDED 2" CLEAR.

PRECAST INLET UNITS AND BASES SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF AASHTO DESIGNATION M 199.

PRECAST CONCRETE FLAT SLAB TOPS MAY BE USED ON THE STRUCTURES. THE TOPS SHALL BE INSTALLED ON A BED OF MORTAR.

PRECAST REINFORCED BASES SHALL BE PLACED ON A BED OF MATERIAL AT LEAST 6" IN DEPTH, WHICH MEETS THE REQUIREMENTS FOR GRANULAR BACK-FILL. THIS BEDDING SHALL BE COMPACTED AND PROVIDE UNIFORM SUPPORT FOR THE ENTIRE AREA OF THE BASE.

SET FRAME ELEVATION 0.03 FT. LOWER THAN ELEVATION INDICATED ON THE PLANS.

THE CONTRACTOR MAY FORM AND POUR MONOLITHIC CONCRETE INVERT PROVIDED THE PIPE ENDS ARE EXTENDED INTO THE M.H. AND NOT TERMINATED WITHIN THE M.H. WALLS.

MANHOLE STEPS

STEPS MEETING THE FOLLOWING REQUIREMENTS SHALL BE INSTALLED IN ALL STRUCTURES OVER 5 FEET IN DEPTH; 16 INCH C-C MAX. SPACING; PROJECT A MINIMUM CLEAR DISTANCE OF 4 INCHES FROM THE WALL AT THE POINT OF EMBEDMENT; MINIMUM WALL EMBEDMENT OF 3 INCHES IN PRECAST MANHOLE AND 6 INCHES IN 8 INCH BRICK OR 6 INCH BLOCK MANHOLE; TREAD OF STEP SHALL HAVE A NON-SKID SURFACE AND BE FLANKED BY CLEATS, WITH A MINIMUM OF 10 INCHES CLEAR BETWEEN CLEATS, TO PREVENT FOOT SLIPPING OFF THE EDGE CLEATS SHALL BE A MINIMUM OF ¾ INCH HIGH BY ¾ INCH WIDE HAVING A MINIMUM THICKNESS OF ⅜ INCH. STEPS SHALL BE CAPABLE OF SUPPORTING A CONCENTRATED LOAD OF 300 LBS. FERROUS METAL STEPS NOT PAINTED OR TREATED TO RESIST CORROSION SHALL HAVE A MINIMUM CROSS SECTIONAL DIMENSION OF 1 INCH.

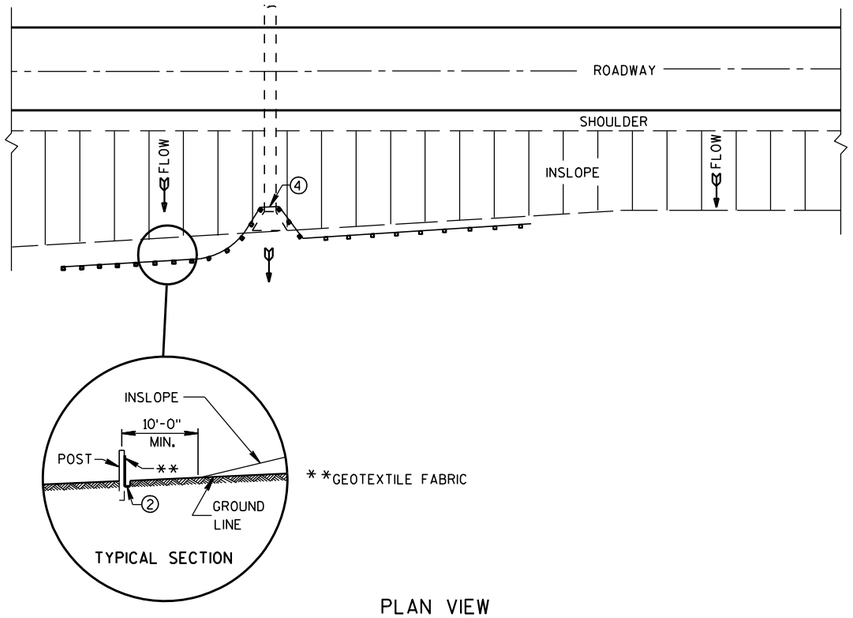
SOLID ALUMINUM STEPS SHALL HAVE A MINIMUM CROSS SECTIONAL DIMENSION OF 0.75 INCH. ALUMINUM SURFACES TO BE EMBEDDED IN CONCRETE SHALL BE GIVEN ONE COAT OF SUITABLE QUALITY PAINT, SUCH AS ZINC CHROMATE PRIMER CONFORMING TO FEDERAL SPECIFICATION TT-P-645 OR EQUIVALENT. STEPS OF APPROVED POLYPROPYLENE PLASTIC COATED REINFORCING BAR WILL BE ACCEPTABLE.

MANHOLES, MANHOLE & INLET COVERS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

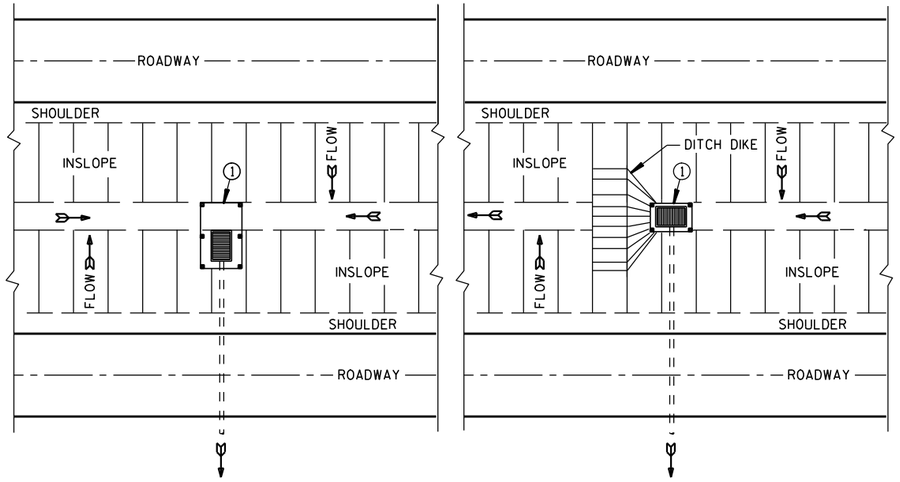
APPROVED
4/12/2011 — DATE
/S/ Jerry H. Zogg — ROADSIDE STANDARDS ENGINEER
600 — FHWA

S.D.D. 8 D 17-6



PLAN VIEW

TYPICAL APPLICATION OF SILT FENCE



PLAN VIEW

SILT FENCE AT MEDIAN SURFACE DRAINS

GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

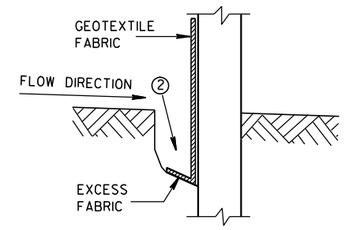
① HORIZONTAL BRACE REQUIRED WITH 2" X 4" WOODEN FRAME OR EQUIVALENT AT TOP OF POSTS.

② FOR MANUAL INSTALLATIONS THE TRENCH SHALL BE A MINIMUM OF 4" WIDE & 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL & COMPACT TRENCH WITH EXCAVATED SOIL.

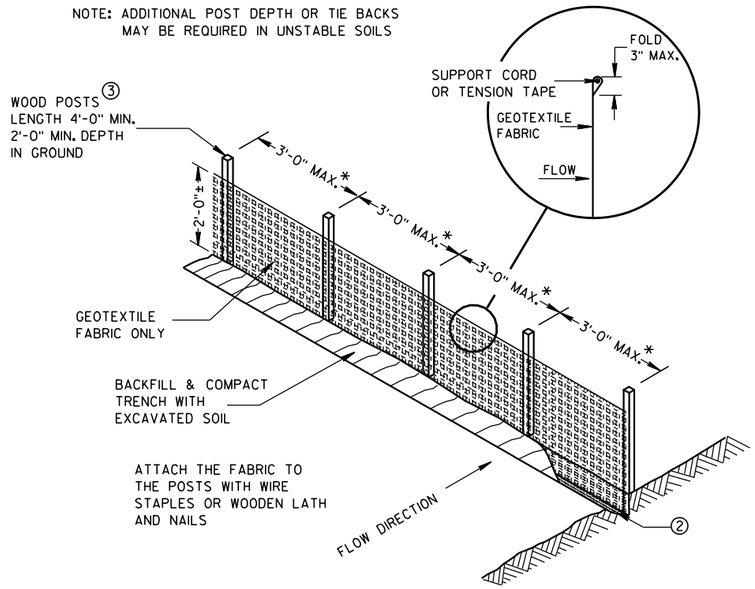
③ WOOD POSTS SHALL BE A MINIMUM SIZE OF 1⅛" X 1⅛" OF OAK OR HICKORY.

④ SILT FENCE TO EXTEND ACROSS THE TOP OF THE PIPE.

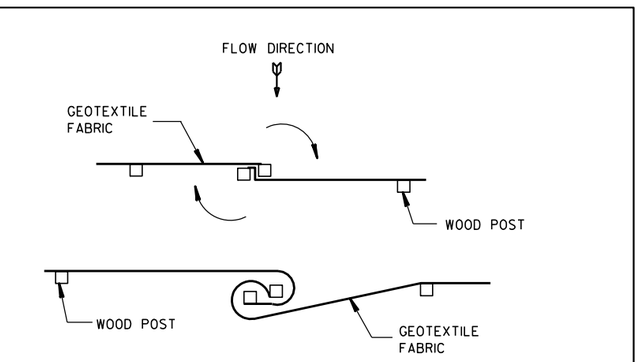
⑤ CONSTRUCT SILT FENCE FROM A CONTINUOUS ROLL IF POSSIBLE BY CUTTING LENGTHS TO AVOID JOINTS. IF A JOINT IS NECESSARY USE ONE OF THE FOLLOWING TWO METHODS; A) OVERLAP THE END POSTS AND TWIST, OR ROTATE, AT LEAST 180 DEGREES, B) HOOK THE END OF EACH SILT FENCE LENGTH.



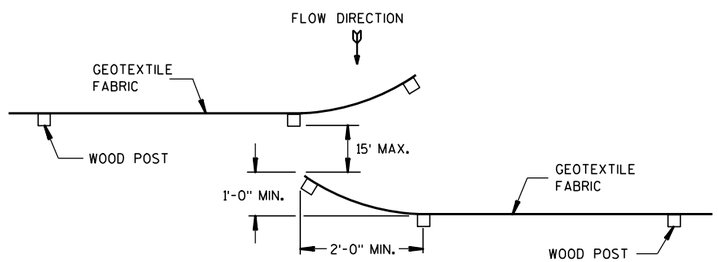
TRENCH DETAIL



SILT FENCE

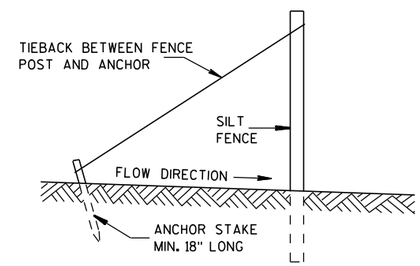


TWIST METHOD



HOOK METHOD

JOINING TWO LENGTHS OF SILT FENCE ⑤



SILT FENCE TIE BACK

(WHEN REQUIRED BY THE ENGINEER)

SILT FENCE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
4-29-05 DATE
/S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

6

S.D.D. 8 E 9-6

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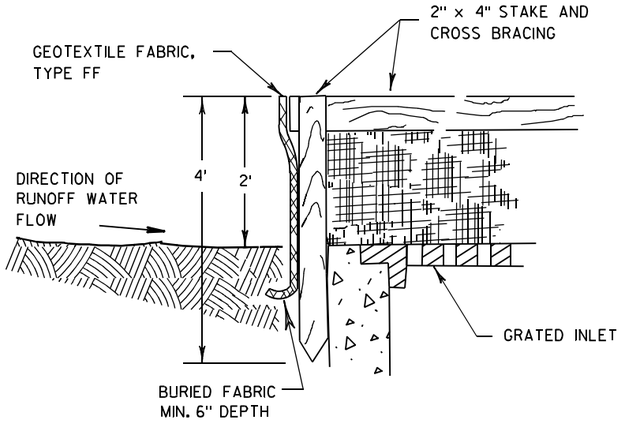
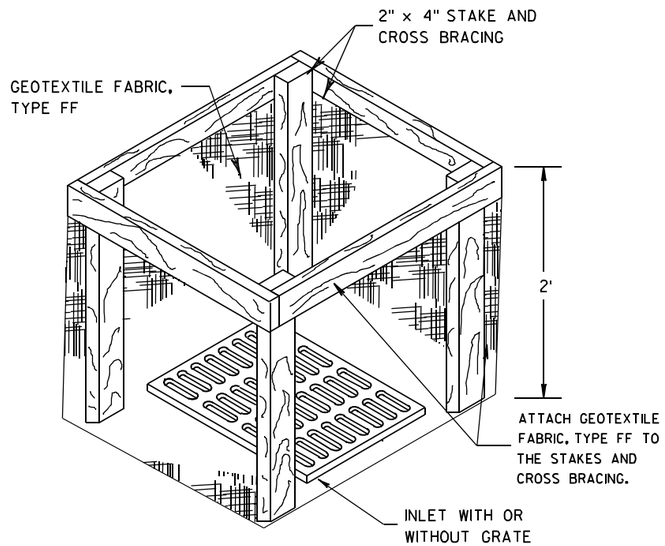
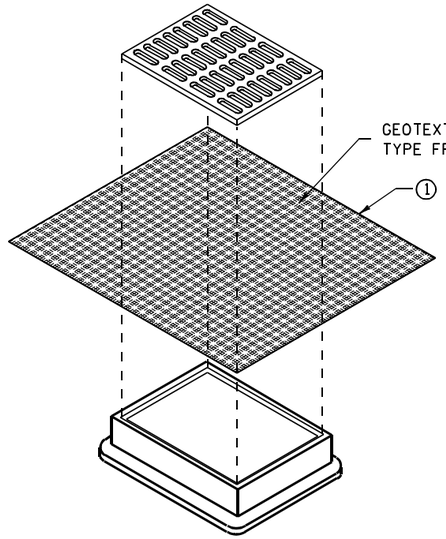
S.D.D. 8 E 9-6



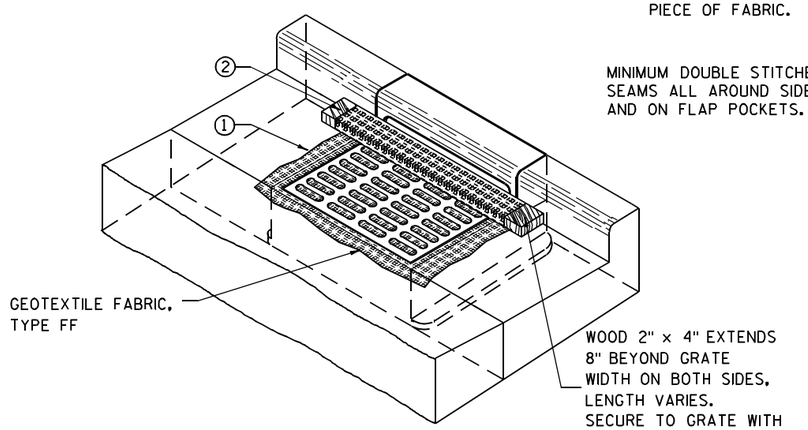


INLET PROTECTION, TYPE A

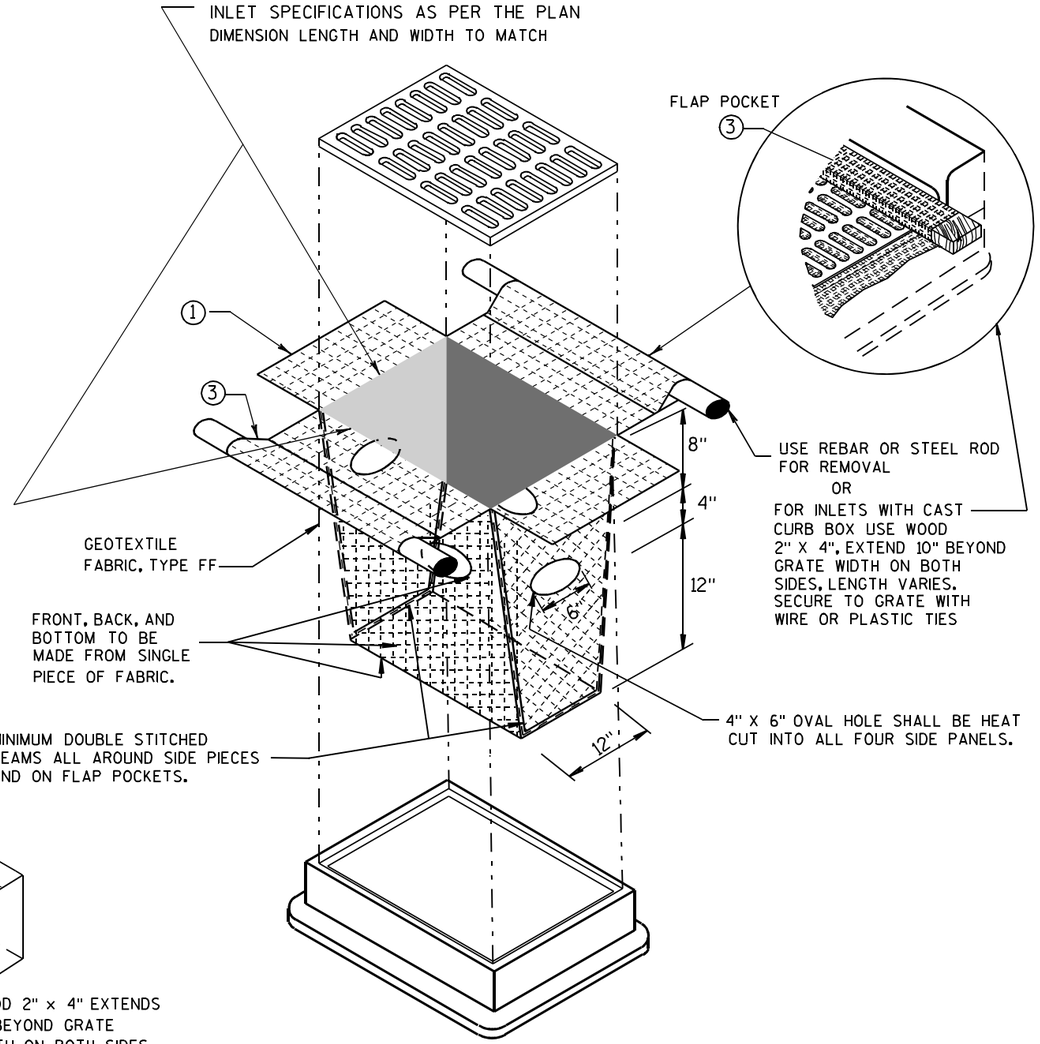


INLET PROTECTION, TYPE B
(WITHOUT CURB BOX)

(CAN BE INSTALLED IN ANY INLET WITHOUT A CURB BOX)



INLET PROTECTION, TYPE C (WITH CURB BOX)



INLET PROTECTION, TYPE D

(CAN BE INSTALLED IN ANY INLET TYPE WITH
OR WITHOUT A CURB BOX AS PER NOTE ②)

GENERAL NOTES

INLET PROTECTION DEVICES SHALL BE MAINTAINED OR REPLACED AT THE DIRECTION OF THE ENGINEER.

MANUFACTURED ALTERNATIVES APPROVED AND LISTED ON THE DEPARTMENT'S EROSION CONTROL PRODUCT ACCEPTABILITY LIST MAY BE SUBSTITUTED.

WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED ON THE GEOTEXTILE FABRIC DOES NOT FALL INTO THE INLET. ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED IMMEDIATELY.

① FINISHED SIZE, INCLUDING FLAP POCKETS WHERE REQUIRED, SHALL EXTEND A MINIMUM OF 10" AROUND THE PERIMETER TO FACILITATE MAINTENANCE OR REMOVAL.

② FOR INLET PROTECTION, TYPE C (WITH CURB BOX), AN ADDITIONAL 18" OF FABRIC IS WRAPPED AROUND THE WOOD AND SECURED WITH STAPLES. THE WOOD SHALL NOT BLOCK THE ENTIRE HEIGHT OF THE CURB BOX OPENING.

③ FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2X4.

INSTALLATION NOTES

TYPE B & C

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

THE CONTRACTOR SHALL DEMONSTRATE A METHOD OF MAINTENANCE, USING A SEWN FLAP, HAND HOLDS OR OTHER METHOD TO PREVENT ACCUMULATED SEDIMENT FROM ENTERING THE INLET.

TYPE D

DO NOT INSTALL INLET PROTECTION TYPE D IN INLETS SHALLOWER THAN 30", MEASURED FROM THE BOTTOM OF THE INLET TO THE TOP OF THE GRATE.

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

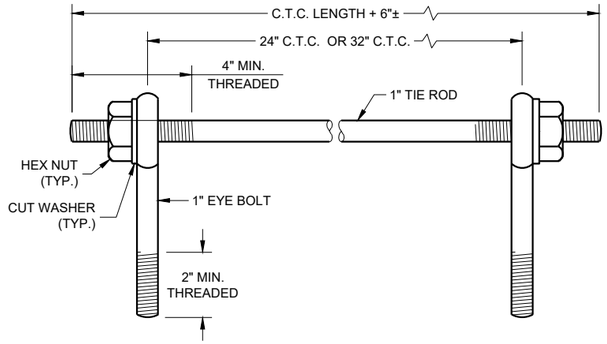
THE INSTALLED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE, BETWEEN THE INLET WALLS AND THE BAG, MEASURED AT THE BOTTOM OF THE OVERFLOW HOLES, OF 3". WHERE NECESSARY THE CONTRACTOR SHALL CINCH THE BAG, USING PLASTIC ZIP TIES, TO ACHIEVE THE 3" CLEARANCE. THE TIES SHALL BE PLACED AT A MAXIMUM OF 4" FROM THE BOTTOM OF THE BAG.

INLET PROTECTION
TYPE A, B, C, AND D

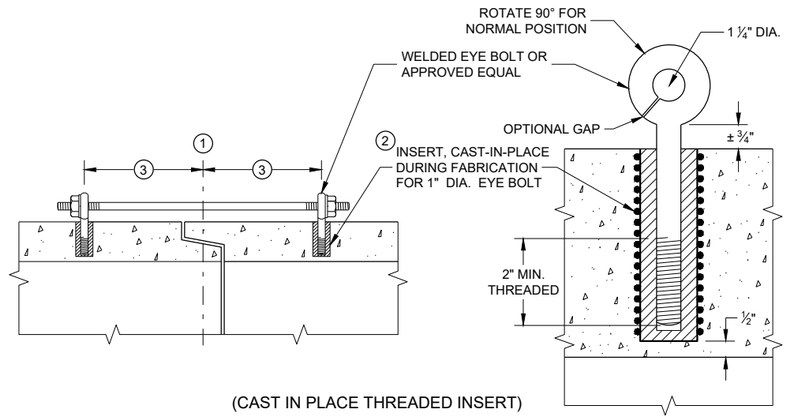
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
10/16/02
DATE
/S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

6
S.D.D. 8 E 10-2



EYE BOLTS AND TIE ROD



(CAST IN PLACE THREADED INSERT)

LONGITUDINAL SECTIONS

EYE BOLT AND TIE ROD ASSEMBLY (ALTERNATE NO. 1)

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS, AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

CONCRETE CULVERT AND STORM SEWER PIPE SHALL BE TIED TOGETHER IN THE MANNER ILLUSTRATED BY THIS DETAIL AT LOCATIONS DESIGNATED IN THE STANDARD SPECIFICATIONS AND THE PLAN. THE CONTRACTOR MAY USE EITHER ALTERNATE 1, 2 OR 3 FOR DRAINAGE STRUCTURES. ONLY ALTERNATE 1 AND 3 MAY BE USED FOR CATTLE PASSES, UNLESS OTHERWISE STATED IN THE CONTRACT. THE MATERIALS, FABRICATION AND WORK NECESSARY TO TIE THE PIPE BY THIS DETAIL WILL BE CONSIDERED INCIDENTAL TO THE PIPE AND APRON ENDWALLS IF REQUIRED.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR JOINT TIES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.

JOINT TIES TO BE HOT-DIP GALVANIZED PER ASTM A 153.

(1) CENTER LINE OF TONGUE AND GROOVE OR BELL AND SPIGOT JOINTS.

(2) THE INSIDE OF THE THREADED INSERTS SHALL BE CLEAN TO ALLOW THE INSERTION OF THREADED EYE BOLTS.

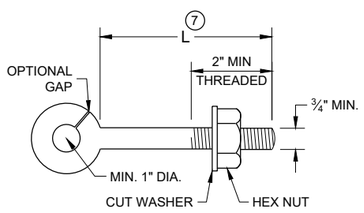
(3) HOLES SHALL BE CAST-IN-PLACE OR DRILLED PER THE APPLICABLE DETAIL, AND EQUAL DISTANCE FROM THE CENTERLINE OF THE JOINT.

(4) BOLT PROJECTION INSIDE OF PIPE SHALL NOT EXCEED 2 INCHES.

(5) OPENING TO BE ROD DIAMETER PLUS 1 INCH.

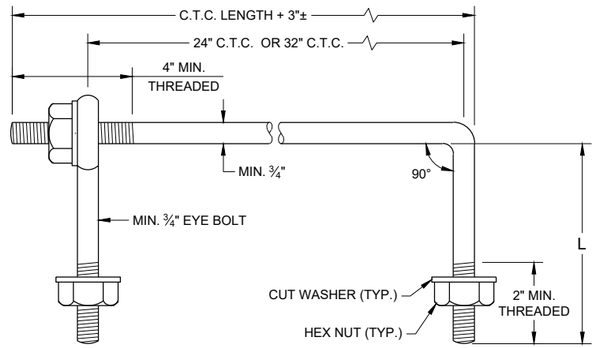
(6) LENGTH ADEQUATE TO EXTEND TO WITHIN ½ INCH OF THE INNER SURFACE OF THE PIPE.

(7) EYE BOLT LENGTH DETERMINED BY WALL THICKNESS, BELL THICKNESS AND BOLT PROJECTION INSIDE PIPE.

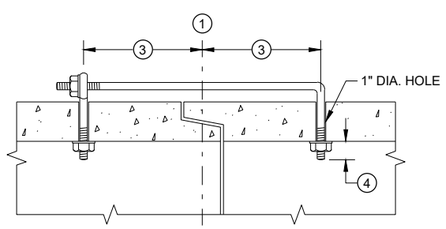


EYE BOLT (7)

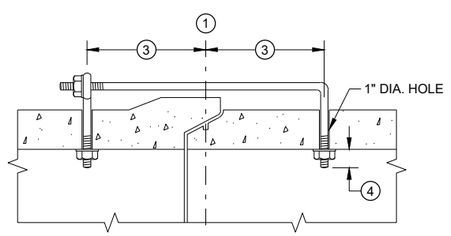
NOTE: TWO EYE BOLTS MAY BE USED WITH A 30" OR 38" LONG THREADED ROD IN LIEU OF THE 90° BENT TIE ROD.



EYE BOLT AND TIE ROD



(TONGUE AND GROOVE PIPE)



(MODIFIED BELL PIPE)

LONGITUDINAL SECTION

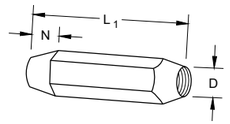
(JOINT TIES FOR 18" TO 66" DIA. CONCRETE PIPE)

EYE BOLT AND TIE ROD ASSEMBLY (ALTERNATE NO. 2)

ADJUSTABLE TIE ROD TABLE

PIPE DIAMETER	TIE ROD DIAMETER	D	L_1	N
12 - 60	⅝	⅝	5	½
66 - 84	¾	¾	5	½
90 - 144	1	1	7	1 7/16

DIMENSIONS SHOWN ARE IN INCHES



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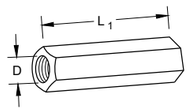
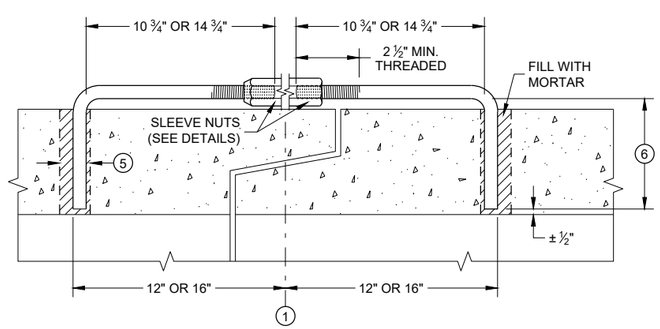


PLAIN

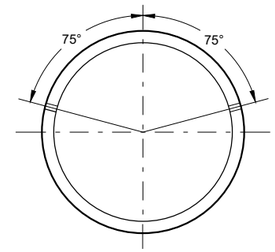
RIGHT AND LEFT THREADS

SLEEVE NUTS



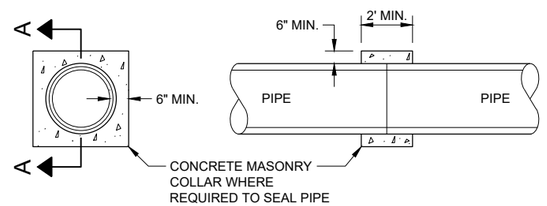
LONGITUDINAL SECTION

ADJUSTABLE TIE ROD (ALTERNATE NO. 3)



PLACEMENT OF (2) CAST-IN-PLACE INSERTS OR HOLES DURING FABRICATION FOR PIPE SECTIONS REQUIRING TIE RODS

TRANSVERSE SECTION



SECTION A - A

CONCRETE COLLAR DETAIL

JOINT TIES FOR CONCRETE PIPE AND CONCRETE COLLAR DETAIL

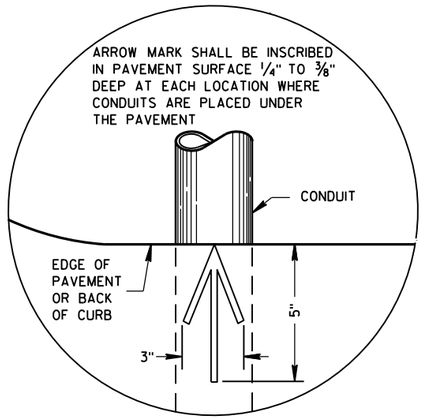
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2021 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVE ENGINEER

FHWA

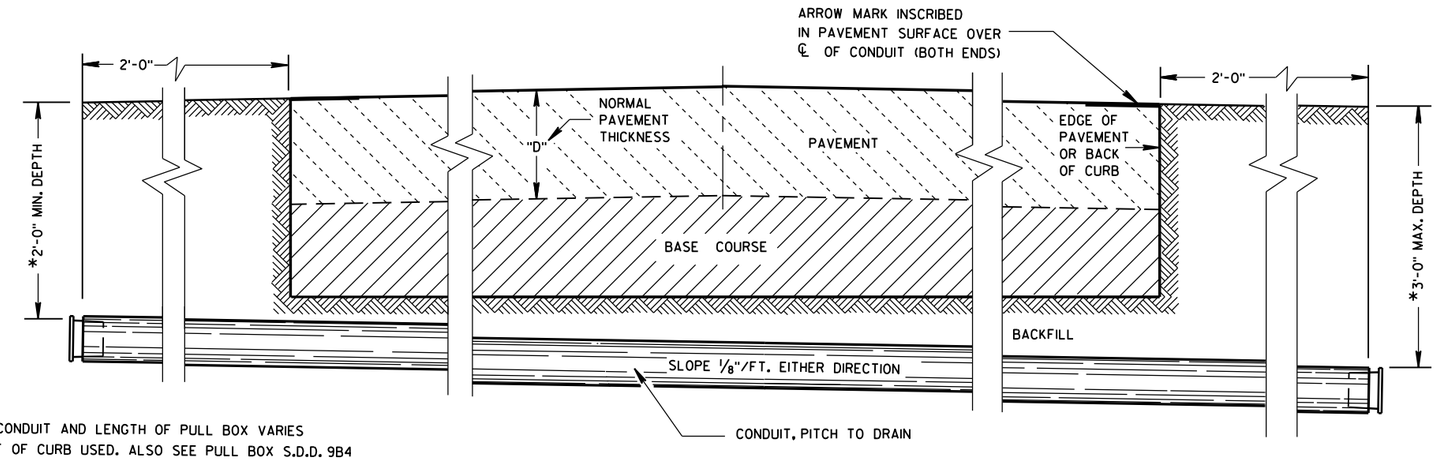
SDD 08F04 - 08

SDD 08F04 - 08



PLAN VIEW

ARROW MARK



*DEPTH OF CONDUIT AND LENGTH OF PULL BOX VARIES WITH HEIGHT OF CURB USED. ALSO SEE PULL BOX S.D.D. 9B4

SIDE ELEVATION

DETAIL FOR CONDUIT UNDER PAVED HIGHWAYS

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

METALLIC (STANDARD SPECIFICATION 652.2.2) OR NONMETALLIC (STANDARD SPECIFICATION 652.2.3) CONDUIT SHALL BE FURNISHED AND PLACED AS SHOWN.

DEPTH OF CONDUIT INSTALLED BELOW THE TRAVELED WAY SHALL BE 24 INCHES MINIMUM AND 36 INCHES MAXIMUM.

DEPTH OF CONDUIT INSTALLED THAT IS NOT BELOW THE TRAVELED WAY SHALL BE 18 INCHES MINIMUM AND 36 INCHES MAXIMUM.

ANY EXCEPTION TO THE MAXIMUM DEPTH SHALL BE ONLY WITH THE WRITTEN APPROVAL OF THE ENGINEER.

THE TRENCH SHALL NOT BE BACKFILLED PRIOR TO INSPECTION OF THE CONDUIT.

ALL METALLIC CONDUIT RACEWAY ENDS SHALL BE REAMED AND THREADED.

ALL METALLIC CONDUIT IN WHICH WIRE OR CABLE IS TO BE INSTALLED SHALL BE BUSHED WITH APPROVED THREADED BUSHINGS BEFORE INSTALLATION OF THE WIRE OR CABLE.

ALL METALLIC CONDUITS IN WHICH WIRE OR CABLE IS NOT TO BE INSTALLED SHALL BE CAPPED WITH THREADED PROTECTIVE CAPS, AS APPROVED BY THE ENGINEER.

ALL NONMETALLIC CONDUIT SHALL BE CAPPED OR PLUGGED IMMEDIATELY AFTER INSTALLATION AND SHALL REMAIN CAPPED OR PLUGGED UNTIL WIRE/CABLES ARE INSTALLED.

NONMETALLIC CONDUITS IN WHICH WIRE OR CABLE IS NOT BEING INSTALLED SHALL REMAIN CAPPED OR PLUGGED.

BENDING OF PVC ELECTRICAL CONDUIT SHALL BE ACCOMPLISHED BY USING A BLANKET OR EMERSION TYPE TANK DESIGNED FOR THE PURPOSE OF BENDING PVC ELECTRICAL CONDUIT.

ALL CUT ENDS SHALL BE TRIMMED INSIDE AND OUTSIDE TO REMOVE ALL ROUGH EDGES ON NONMETALLIC CONDUIT. (SEE NEC 347.5)

WHEN REQUIRED TO CONNECT NONMETALLIC CONDUIT TO METALLIC CONDUIT, ONLY U.L. LISTED ADAPTER FITTINGS SHALL BE USED.

PRIOR TO CONDUIT ACCEPTANCE, CONDUIT CAPS OR PLUGS SHALL BE REMOVED, AND THE CAPS, PLUGS AND CONDUIT ENDS SHALL BE THOROUGHLY CLEANED AND THEN THE CAPS OR PLUGS REINSTALLED TO ENSURE THAT THE CAPS OR PLUGS CAN BE EASILY REMOVED IN THE FUTURE.

ALL CONDUIT BEING FURNISHED AND INSTALLED SHALL HAVE THE U.L. LABEL FIRMLY ATTACHED.

CONDUIT RUNS SHALL BE THE SAME SIZE OF CONDUIT FROM ONE END TO THE OTHER (FROM PULL BOX TO PULL BOX-OR-JUNCTION BOX TO JUNCTION BOX-OR-BASE TO BASE, ETC.).

TRACER WIRE SHALL BE INSTALLED AS STATED IN THE STANDARD SPECIFICATION, ITEM 652.3.1.1.

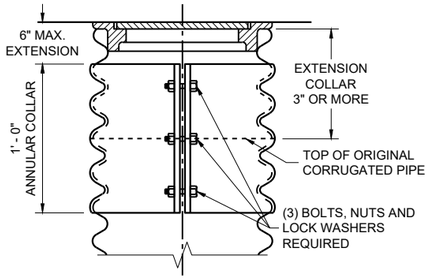
ALL CONDUIT RUNS SHALL BE STRAIGHT (WITHOUT BENDS) FROM PULL BOX TO PULL BOX, PULL BOX TO BASE AND BASE TO BASE AS SHOWN ON THE PLANS.

CONDUIT

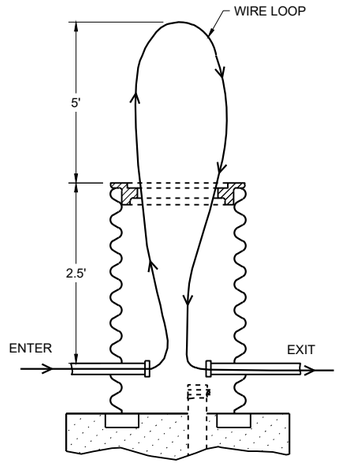
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
March, 2017 — DATE
/S/ Ahmet Demirbilek — STATE ELECTRICAL 604
FHWA

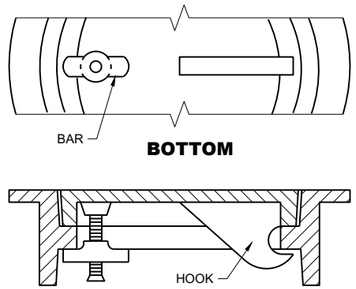
6
S.D.D. 9 B 2-10



CORRUGATED PIPE EXTENDER



MEASUREMENT DETAIL FOR WIRE/CABLE IN THE PULL BOX



BOTTOM

SECTION

ALTERNATE COVER (LOCKING)

TIGHTENING BAR TYPE

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

ALL FRAMES AND COVERS SHALL BE HEAVY DUTY TYPE, SUITABLE FOR VEHICULAR TRAFFIC LOADS.

PULL BOXES LOCATED IN THE ROADWAYS SHALL HAVE LOCKING COVERS.

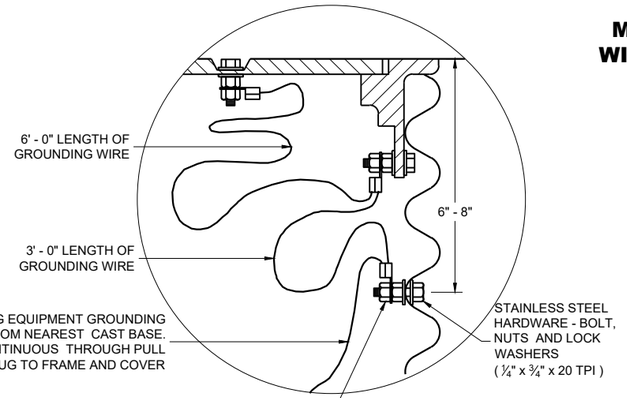
ENTRANCE HOLES INTO PULL BOXES SHALL BE CUT WITH A CIRCULAR HOLE SAW OR HYDRAULIC CONDUIT PUNCH. HOLE SIZE SHALL BE THE OUTSIDE DIAMETER OF THE CONDUIT THAT IS TO FIT IN THE OPENING PLUS NO MORE THAN ¼".

THE CONTRACTOR SHALL NOT INSTALL WIRE IN ANY PULL BOX UNTIL ITS INSTALLATION HAS BEEN INSPECTED AND ACCEPTED BY THE ENGINEER.

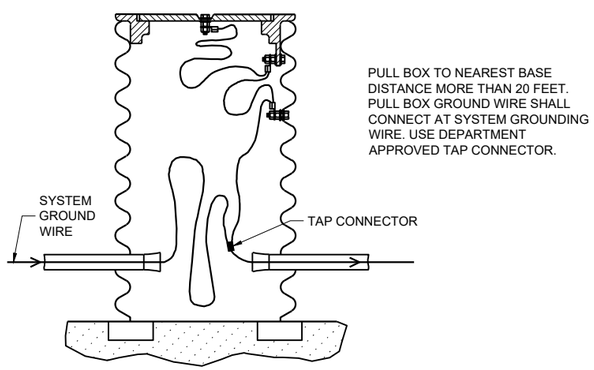
GROUNDING LUGS (MECHANICAL CONNECTORS) SHALL BE U.L. LISTED AND APPROVED FOR USE WITH COPPER WIRE.

ALL METALLIC CONDUIT IN WHICH WIRE AND/OR CABLE IS TO BE INSTALLED, SHALL BE BUSHED BEFORE INSTALLATION OF THE WIRE AND/OR CABLE.

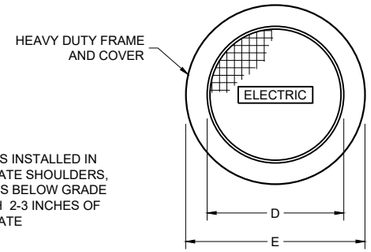
WHEN PULL BOXES ARE INSTALLED FOR FUTURE USE, DO NOT INSTALL THE EQUIPMENT GROUNDING LUG. THE EQUIPMENT GROUNDING LUG, THE EQUIPMENT GROUNDING ELECTRODE AND THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE REQUIRED AND INSTALLED UNDER A FUTURE WIRING CONTRACT.



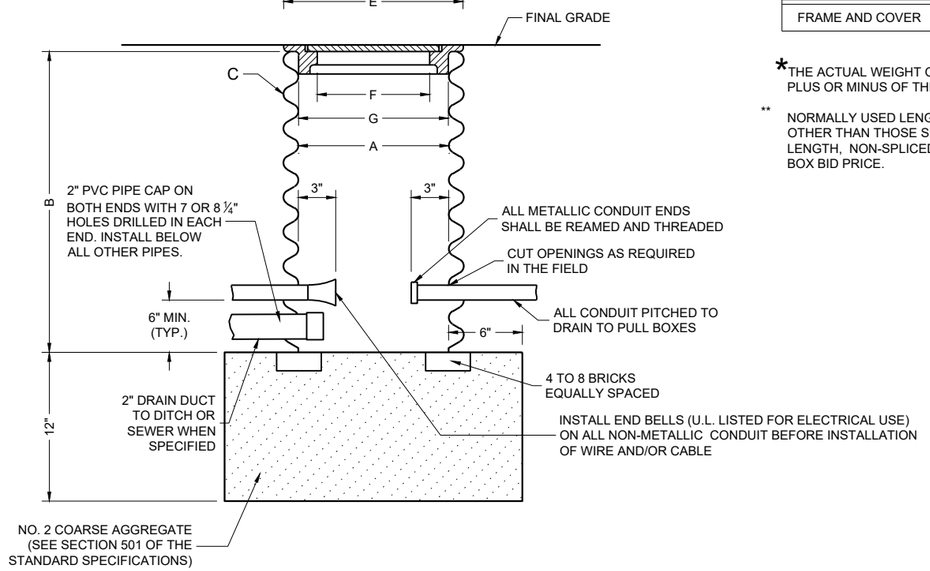
EQUIPMENT GROUNDING LUG AND LOCATION IN STEEL PULL BOXES



EQUIPMENT GROUNDING LUG AND LOCATION IN STEEL PULL BOXES



WHEN A PULL BOX IS INSTALLED IN CRUSHED AGGREGATE SHOULDERS, PLACE IT 2-3 INCHES BELOW GRADE AND COVER IT WITH 2-3 INCHES OF CRUSHED AGGREGATE



PULL BOX

TABLE OF NOMINAL DIMENSIONS AND WEIGHTS

DIMENSION IN INCHES		CORRUGATED STEEL PIPE								
PIPE DIAMETER (INSIDE)	A	12	12	12	18	18	18	24	24	24
PIPE LENGTH **	B	24	30	36	24	30	36	36	42	48
WALL THICKNESS	C	0.064	0.064	0.064	0.064	0.064	0.064	0.064	0.064	0.064
COVER	D	10 ¼	10 ¼	10 ¼	16 ¼	16 ¼	16 ¼	22 ¼	22 ¼	22 ¼
FRAME	E	14 ½	14 ½	14 ½	20 ½	20 ½	20 ½	26 ½	26 ½	26 ½
FRAME	F	8 ½	8 ½	8 ½	14 ½	14 ½	14 ½	20 ½	20 ½	20 ½
FRAME	G	11 ½	11 ½	11 ½	17 ½	17 ½	17 ½	23 ½	23 ½	23 ½
WEIGHT IN POUNDS*										
FRAME AND COVER		60	60	60	110	110	110	155	155	155

*THE ACTUAL WEIGHT OF THE MANHOLE FRAME AND COVER MAY VARY WITHIN 5 PERCENT PLUS OR MINUS OF THE WEIGHTS SHOWN.

** NORMALLY USED LENGTHS. THE PROJECT ENGINEER SHALL DETERMINE IF PIPE LENGTHS, OTHER THAN THOSE SPECIFIED, SHALL BE USED, TO A MAXIMUM OF 48" (CONTINUOUS LENGTH, NON-SPLICED). THE ADDITIONAL LENGTH SHALL BE INCIDENTAL TO THE PULL BOX BID PRICE.

PULL BOX

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2024 — DATE
/S/ Ahmet Demirbilek — STATE ELECTRICAL ENGINEER

FHWA

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SDD 09B04-13

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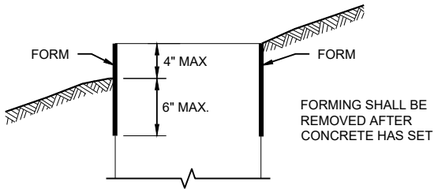
SDD 09B04-13

FORM DEPTH SHALL BE NO MORE THAN 6" BELOW GRADE ON THE LOWER SIDE OF BASE



FORMING DETAIL

QUANTITY REQUIREMENTS	CONCRETE BASE TYPE		
	1	2	5 & 6
APPROX. CUBIC YARDS OF CONCRETE	0.40	0.57	0.40
LBS. OF HOOP BAR STEEL	NONE	23	16
LBS. OF VERTICAL BAR STEEL	NONE	60	18

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWINGSHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

BASES SHALL BE EXCAVATED BY USE OF A CIRCULAR AUGER.

TOP SURFACES OF CONCRETE BASES SHALL BE TROWEL FINISHED SMOOTH AND LEVEL.

CONDUIT SIZES AND LOCATIONS SHALL BE SHOWN ON THE PLANS

THE FINAL OR TERMINATING CONCRETE BASE IN A CONDUIT RUN SHALL HAVE A 6" EXIT STUB INSTALLED FOR FUTURE CABLING USE. THE EXIT STUB SHALL BE SIZED AS USED THROUGHOUT THE CONDUIT RUN AS SHOWN A THE ENTRANCE OF THE BASE.

ENDS OF CONDUIT INSTALLED BELOW GRADE FRO FUTURE USE SHALL BE CAPPED IF METALLIC OR PLUGGED IF NON-METALLIC.

MINIMUM BENDING RADIUS OF CONDUIT IS EQUAL TO 6X THE DIAMETER.

CONDUIT HEIGHT ABOVE CONCRETE BASES SHALL BE 1 INCH. ALL METALLIC CONDUIT ENDS SHALL BE REAMED AND THREADED.

ALL CONDUIT ENDS AT THE TOP OF CONCRETE BASES SHALL BE CAPPED IF METALLIC OR PLUGGED IF NON-METALLIC IMMEDIATELY AFTER PLACEMENT AND BEFORE CONCRETE IS POURED. CONDUITS IN WHICH WIRE OR CABLE IS NOT INSTALLED SHALL REMAIN CAPPED OR PLUGGED.

BELL ENDS SHALL BE INSTALLED ON ALL PVC CONDUIT EXPOSED AT THE TOP OF CONCRETE BASES BEFORE INSTALLATION.

WHEN REQUIRED TO CONNECT NON-METALLIC CONDUIT TO METALLIC CONDUIT, ONLY ADAPTER FITTINGS, U.L. LISTED FOR ELECTRICAL USE, SHALL BE USED.

IF A BASE REQUIRES A DEEP FORM BECAUSE OF LOOSE DIRT OR FILL, THE FORM SHALL BE REMOVED BEFORE BACKFILLING AROUND THE BASE. BACKFILL SHALL BE TAMPED TIGHT AGAINST THE BARE CONCRETE BASE IN LAYERS OF 1 FOOT OR LESS.

A NO. 4 AWG STRANDED COPPER EQUIPMENT GROUNDING CONDUCTOR SHALL BE EXOTHERMICALLY WELDED TO THE EQUIPMENT GROUNDING ELECTRODE (GROUND ROD) FOR TYPE 2, TYPE 5 AND TYPE 6 BASES.

THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE FURNISHED AND INSTALLED TO ENTER ALL BASE TYPES THROUGH A 1 INCH CONDUIT INSTALLED FOR GROUNDING PURPOSES, LEAVING A 4 FOOT COIL OF WIRE ABOVE THE CONCRETE BASE. THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE NEATLY COILED AND THE COILS TIED TOGETHER.

ANCHOR RODS SHALL BE THREADED 12" IN LENGTH ON EACH END OF THE ROD. ANCHOR RODS SHALL BE MANUFACTURED IN ACCORDANCE WITH SECTION 654.2.1 OF THE STANDARD SPECIFICATIONS.

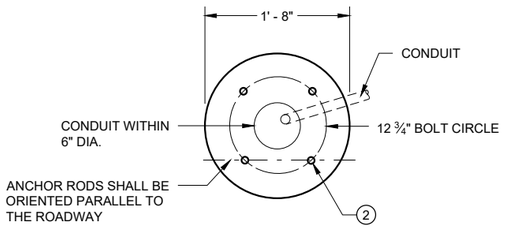
WASHERS AND LOCK WASHERS ARE REQUIRED ON ALL ANCHOR RODS.

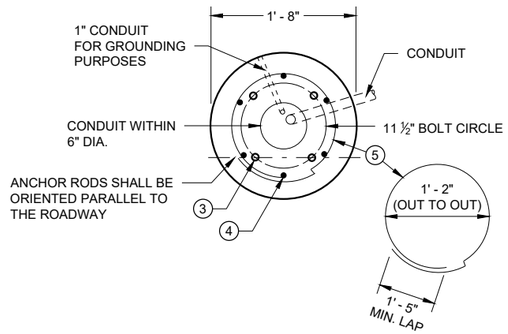
WHEN ANCHOR RODS USING THE ALTERNATE "L" BEND ARE FURNISHED, THE 4 INCH"L" BEND SHALL BE IN ADDITION TO THE SPECIFIED ANCHOR ROD BAR LENGTH. THE "L" BEND SHALL NOT BE THREADED.

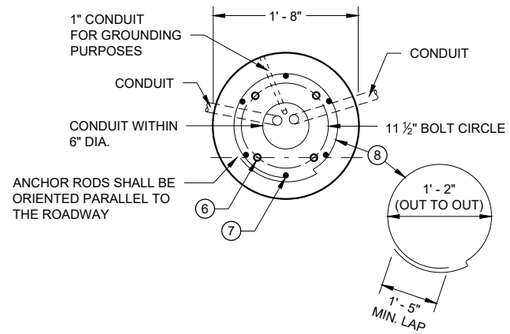
ANCHOR RODS SHALL BE INSTALLED WITH MISALIGNMENTS OF LESS THAN 1:40 FROM VERTICAL.

WELDING OF THE ANCHOR RODS TO THE CAGE IS UNACCEPTABLE. TIE WIRES SHALL BE USED.

BAR STEEL REINFORCEMENT SHALL BE COATED WITH POWDERED EPOXY RESIN IN ACCORDANCE WITH SECTION 505 OF THE STANDARD SPECIFICATIONS (LATEST EDITION).







1 THE MINIMUM DEPTH OF CONDUIT EXITING THE CONCRETE BASE AND INSTALLED BELOW THE TRAVELED WAY SHALL BE 24 INCHES. THE MINIMUM DEPTH OF CONDUIT EXITING THE CONCRETE BASE THAT IS NOT INSTALLED BELOW THE TRAVELED WAY SHALL BE 18 INCHES. THE MAXIMUM DEPTH OF ALL CONDUIT SHALL BE 36 INCHES EXCEPT WITH WRITTEN APPROVAL OF THE ENGINEER.

2 (4) 1" DIA. X 3' - 6" ANCHOR RODS.

3 (4) 1" DIA. X 5' - 0" ANCHOR RODS.

4 (6) NO. 6 X 6' - 8" BAR STEEL REINFORCEMENT.

5 (7) NO. 4 X 5' - 1" BAR STEEL REINFORCEMENT @ 1' - 0" C - C.

6 (4) 1" DIA. X 3' - 6" ANCHOR RODS.

7 (6) NO. 4 X 4' - 8" BAR STEEL REINFORCEMENT.

8 (5) NO. 4 X 5' - 1" BAR STELL REINFORCEMENT @ 1' - 0" C -C.

9 EXOTHERMIC CONNECTION TO EUIPMENT GROUNDING CONDUCTOR

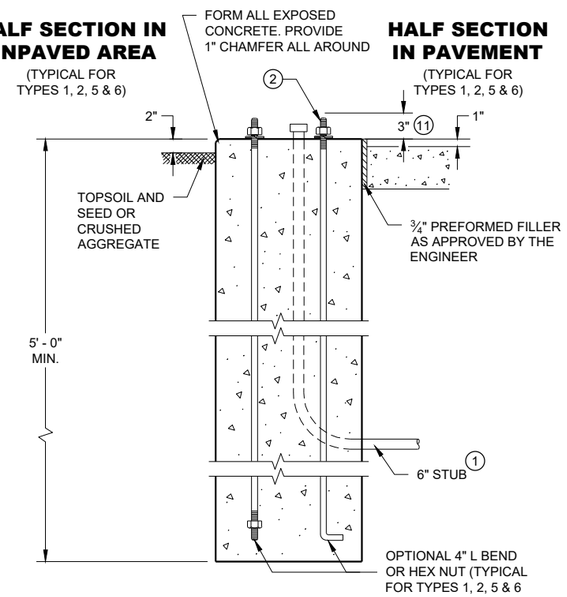
10 ⅝" DIA. X 8' -0" COPPERCLAD EQUIPMENT GROUNDING ELECTRODE REQUIRED

11 ANY ANCHOR ROD PROJECTION SHORTER THAN 2 ¾" OR LONGER THAN 3 ¼" SHALL REQUIRE THE BASE TO BE REMOVED AND REPLACED AT THE CONTRACTORS EXPENSE.

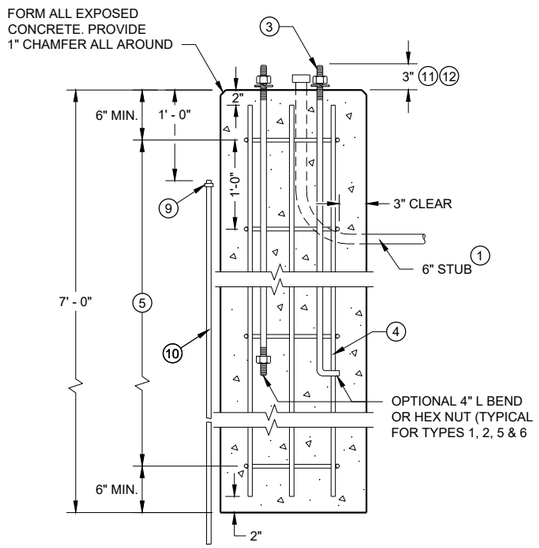
12 FOR NON - BREAKAWAY INSTALLATIONS, 4 ½" ± ANCHOR ROD PROJECTION WITH THE USE OF LEVELING NUTS. RODENT SCREEN REQUIRED.

HALF SECTION IN UNPAVED AREA
(TYPICAL FOR TYPES 1, 2, 5 & 6)

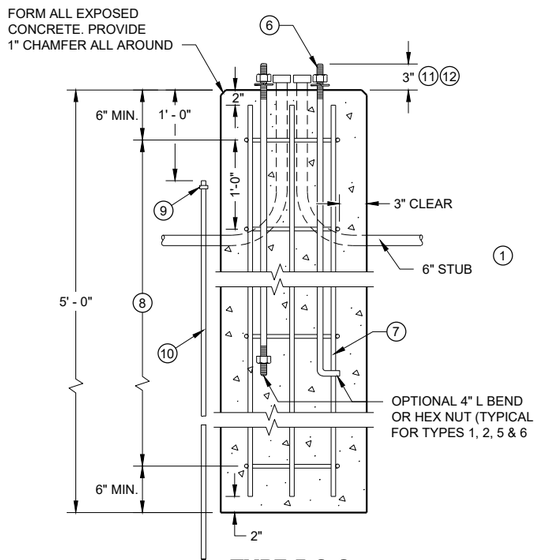
HALF SECTION IN PAVEMENT
(TYPICAL FOR TYPES 1, 2, 5 & 6)



TYPE 1



TYPE 2



TYPE 5 & 6

CONCRETE BASES

CONCRETE BASES TYPES 1, 2, 5, & 6

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2019
DATE
/S/ Ahmet Demirbilek
STATE ELECTRICAL ENGI 606
FHWA

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

FOUR (4) BOLTS SHALL BE FURNISHED WITH EACH TRANSFORMER BASE. BOLTS SHALL BE 1" DIAMETER, 4" IN LENGTH, WITH WASHERS, LOCK WASHERS AND NUTS. BOLTS, NUTS AND WASHERS SHALL BE MANUFACTURED IN ACCORDANCE WITH SECTION 531.2.2 OF THE STANDARD SPECIFICATIONS.

LEVELING SHIMS, IF NEEDED, SHALL BE DESIGNED FOR THE PURPOSE AND USED UNDER CAST BASES WHEN PLUMBING POLES OR STANDARDS DURING INSTALLATION. THE USE OF WASHERS IN LIEU OF PROPER LEVELING SHIMS IS NOT ACCEPTABLE.

SHIM LENGTH SHALL BE LONG ENOUGH TO COMPLETELY COVER THE AREA UNDER THE LENGTH AND WIDTH OF THE BASE MOUNTING FLANGE.

DOUBLE NUTTING IS NOT ACCEPTABLE FOR LEVELING OR MOUNTING PURPOSES.

A NEMA APPROVED, U.L. LISTED, COPPER WITH BRASS OR STAINLESS STEEL SET SCREW, DIRECT BURY RATED, MECHANICAL CONNECTOR (LUG), SIZED TO ACCEPT AWG. #10 TO #4 COPPER STRANDED WIRE SHALL BE FURNISHED AND INSTALLED IN THE PEDESTAL AND TRANSFORMER BASES.

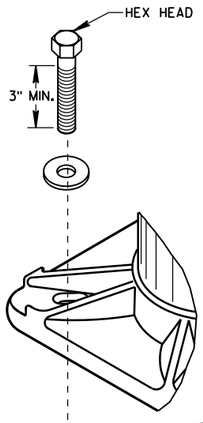
THE MECHANICAL CONNECTOR SHALL BE INSTALLED USING A 1/4" - 20 (TPI) STAINLESS STEEL HEX HEAD BOLT OF SUFFICIENT LENGTH TO FIRMLY ATTACH THE LUG TO THE BASE.

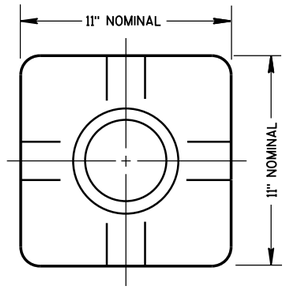
SHOULD THE MANNER OF ATTACHMENT OF THE LUG REQUIRE WASHERS, HEX NUTS, LOCK WASHER - THEY SHALL BE STAINLESS STEEL AS IS THE BOLT. THE MANNER OF ATTACHMENT SHALL NOT BLOCK ACCESSIBILITY TO WIRE PLACEMENT IN THE CONNECTOR.

PEDESTAL BASE COLLAR THREADING SHALL BE TAPERED AND IN ACCORDANCE WITH NATIONAL PIPE THREADING DIMENSIONS.

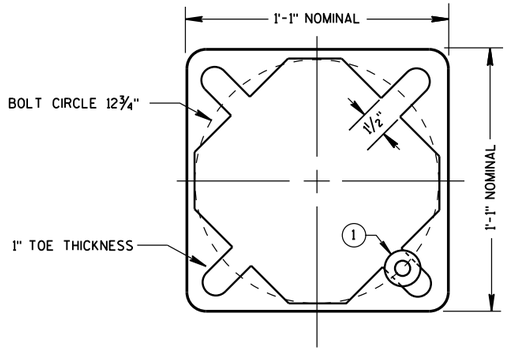
BASE COLLAR THREADING SHALL EXTEND INTO THE BASE COLLAR WITH SUFFICIENT DEPTH TO ACCEPT THE INSTALLATION OF TRAFFIC SIGNAL STANDARDS TO A DEPTH OF 1 1/2", THEN TIGHTENING TO A POINT OF BEING IMMOVABLE.

THE ACCESS DOOR SHALL BE OF THE SAME MATERIAL AS THE BASE.

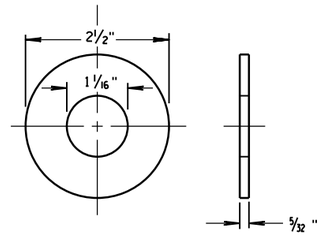




TOP VIEW
(PEDESTAL BASE)

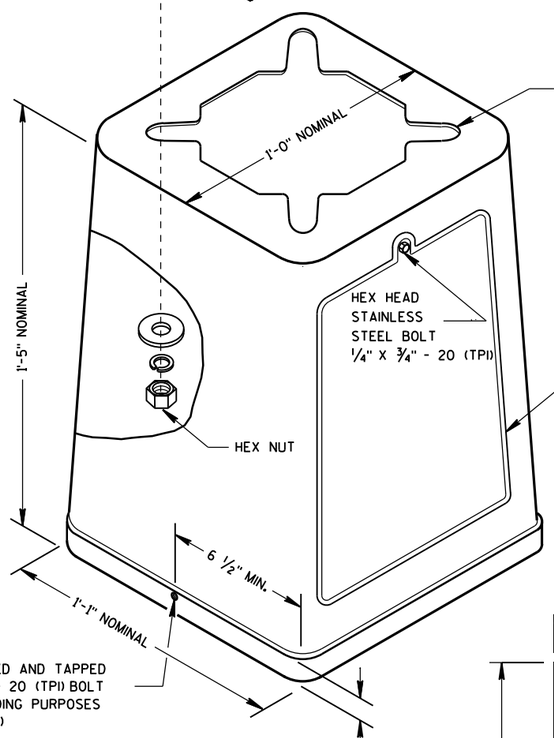


BOTTOM VIEW
(PEDESTAL BASE)

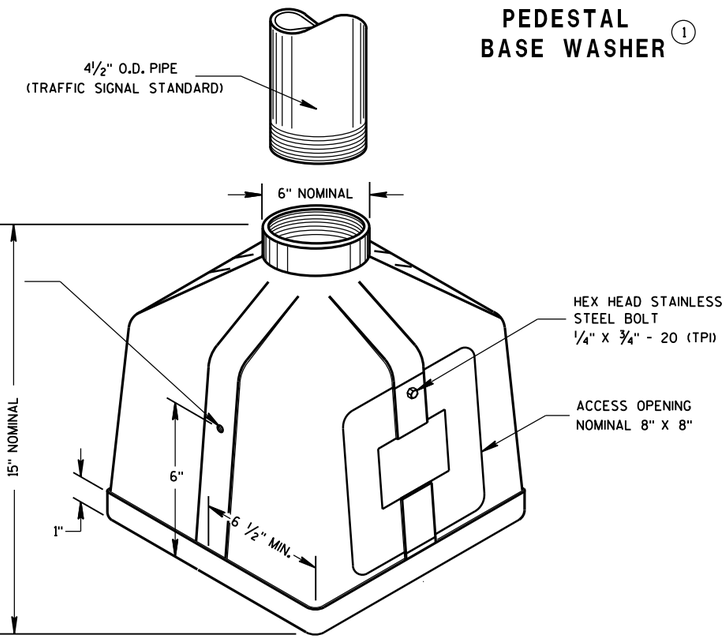


ZINC COATED STEEL WASHER
TO BE PROVIDED BY THE CONTRACTOR

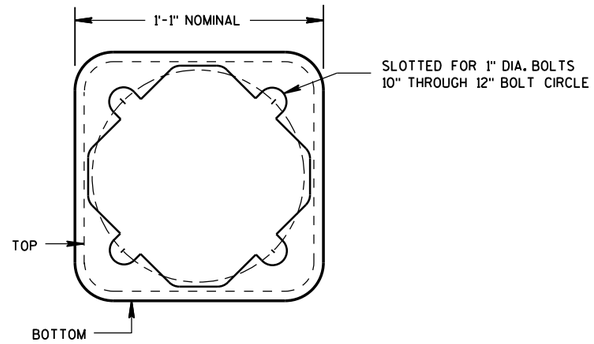
PEDESTAL BASE WASHER (1)



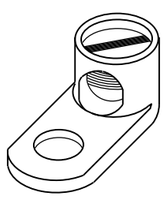
ISOMETRIC VIEW



ISOMETRIC VIEW
PEDESTAL BASE

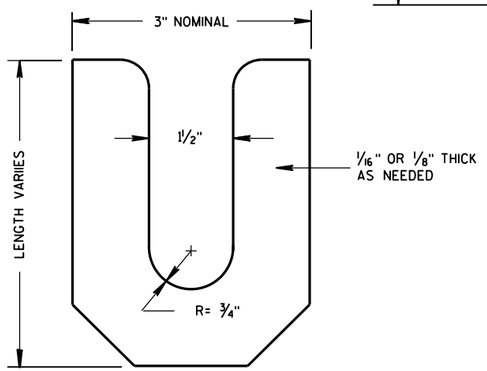


BOTTOM VIEW
(TRANSFORMER BASE)



TYPICAL MECHANICAL CONNECTOR LUG
TO BE FURNISHED WITH EACH BASE

TRANSFORMER BASE
INTENDED FOR USE WITH TYPE 2, 3, 4, 5 & 6 POLES



LEVELING SHIM

TRANSFORMER/PEDESTAL BASES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
Sept. 2014 — DATE
/S/ Ahmet Demirbilek — STATE ELECTRICAL
FHWA

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S.D.D. 9 C 3-4

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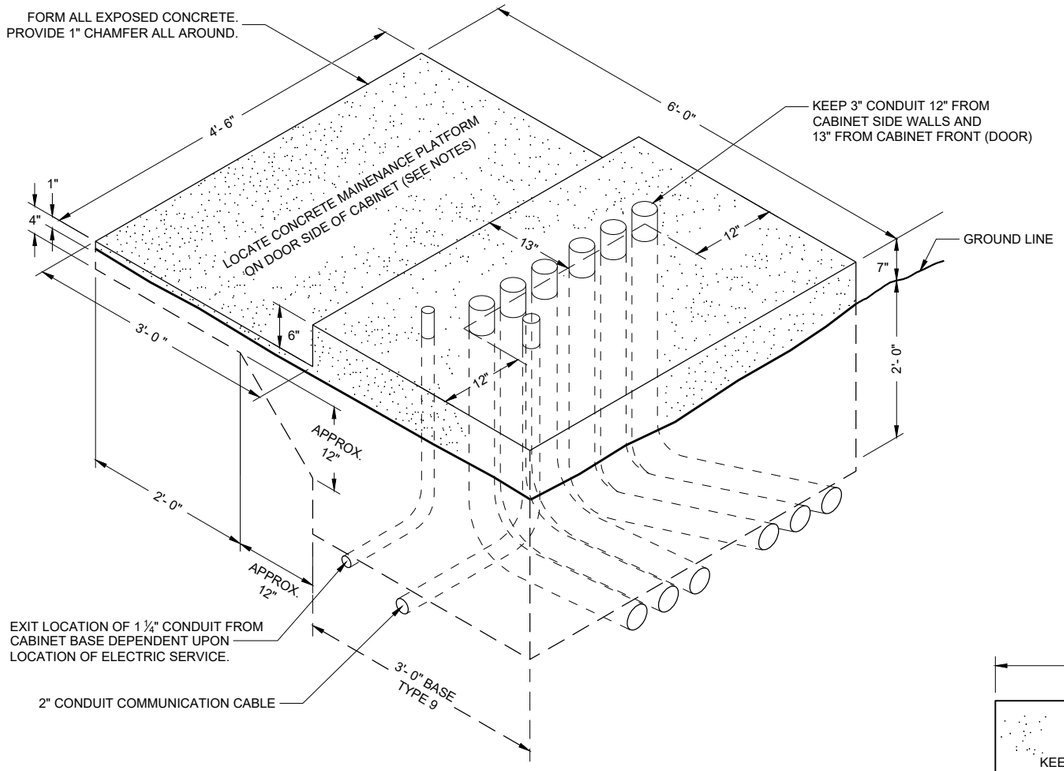
S.D.D. 9 C 3-4

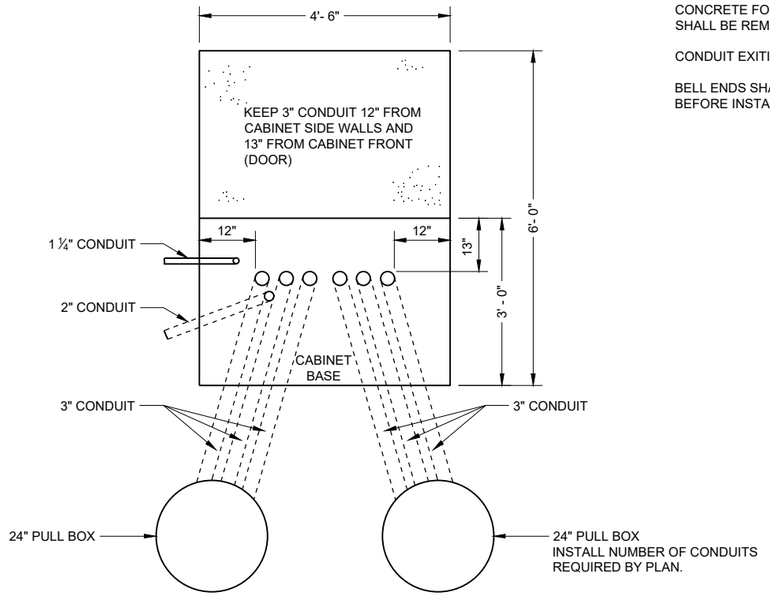
SDD 09C06 Concrete Control Cabinet Base, Type 9, Special



ISOMETRIC VIEW

TYPE 9 SPECIAL

(C.Y. CONCRETE = APPROX. 1.56)



PLAN VIEW

CONCRETE CONTROL CABINET BASE, TYPE 9 SPECIAL

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

INSTALL FOUR INCH MINIMUM DIAMETER X 4 INCH MINIMUM LENGTH STAINLESS STEEL APPROVED CONCRETE MASONRY ANCHORS WITH A PULLOUT STRENGTH OF 9,000 LBS. TO ANCHOR THE CABINET TO TYPE 6, 7, 8, AND 9 BASES. THE ANCHOR STUDS SHALL BE LOCATED AS DIRECTED BY THE ENGINEER TO PROPERLY ANCHOR THE CONTROL CABINET TO THE BASE.

WHEN REQUIRED TO CONNECT NON - METALLIC CONDUIT TO METALLIC CONDUIT, ONLY ADAPTER FITTINGS, U. L. LISTED FOR ELECTRICAL USE, SHALL BE USED.

CONDUIT HEIGHT ABOVE THE CONCRETE BASE SHALL BE 1 INCH.

DEPTH OF CONDUIT INSTALLED BELOW THE TRAVELED WAY SHALL BE 24 INCHES MINIMUM AND 36 INCHES MAXIMUM.

DEPTH OF CONDUIT INSTALLED THAT IS NOT BELOW THE TRAVELED WAY SHALL BE 18 INCHES MINIMUM AND 36 INCHES MAXIMUM.

ANY EXCEPTION TO THE MAXIMUM DEPTH SHALL BE ONLY WITH THE WRITTEN APPROVAL OF THE ENGINEER.

CONTROL CABINET BASE TOP SURFACE SHALL BE TROWEL FINISHED SMOOTH AND LEVEL.

MAINTENANCE PLATFORM SHALL BE FLOAT OR BROOM FINISHED AND LEVEL.

MAINTENANCE PLATFORMS ARE NOT REQUIRED WHEN THE SURROUNDING AREA IS PAVED.

MINIMUM BENDING RADIUS OF CONDUIT EQUALS 6 TIMES THE DIAMETER.

ALL METALLIC CONDUIT ENDS SHALL BE REAMED AND THREADED.

CAP ALL BELOW GRADE METALLIC CONDUIT ENDS IN WHICH WIRE OR CABLE IS NOT BEING INSTALLED.

PLUG ALL BELOW GRADE NON - METALLIC CONDUIT ENDS IN WHICH WIRE OR CABLE IS NOT BEING INSTALLED.

ALL CONDUIT ENDS AT THE TOP OF CONCRETE BASES SHALL BE CAPPED IF METALLIC OR PLUGGED IF NON - METALLIC IMMEDIATELY AFTER PLACEMENT AND BEFORE CONCRETE IS POURED. CONDUITS IN WHICH WIRE OR CABLE IS NOT BEING INSTALLED SHALL REMAIN CAPPED OR PLUGGED.

CONCRETE FORM DEPTH BELOW FINISHED GRADE SHALL BE 6 INCHES MAXIMUM. CONCRETE FORMS SHALL BE REMOVED AFTER CONCRETE HAS SET.

CONDUIT EXITING THE CONCRETE BASE (SIX 3") SHALL TERMINATE IN PULL BOXES AS SHOWN ON THE PLANS.

BELL ENDS SHALL BE INSTALLED ON ALL PVC CONDUIT EXPOSED AT THE TOP OF THE CONCRETE BASE BEFORE INSTALLATION OF CABLE OR WIRE.

CONCRETE CONTROL CABINET BASE TYPE 9, SPECIAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
September 2014
DATE

/S/ Ahmet Demerbilek
STATE ELECTRICAL ENGI 608

FHWA

6
SDD 09C06 - 07

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

BASES (SHAFT) SHALL BE EXCAVATED BY THE USE OF A CIRCULAR AUGER. IF BASE REQUIRES A DEEP FORM BECAUSE OF LOOSE SOIL, THE FORM SHALL BE REMOVED BEFORE BACKFILLING. A STEEL CASING OR CORRUGATED METAL PIPE IS ALLOWED TO REMAIN. BACKFILL SHALL BE TAMPED TIGHT AGAINST THE BASE IN LAYERS OF ONE FOOT OR LESS.

TOP SURFACE OF THE CONCRETE BASE SHALL BE TROWEL FINISHED AND LEVEL.

ANCHOR RODS SHALL BE INSTALLED WITH MISALIGNMENTS OF LESS THAN 1:40 FROM VERTICAL.

BAR STEEL REINFORCEMENT SHALL BE COATED WITH POWDERED EPOXY RESIN IN ACCORDANCE WITH SECTION 505 OF THE STANDARD SPECIFICATIONS (LATEST EDITION).

WELDING OF ANCHOR RODS TO THE CAGE IS UNACCEPTABLE. TEMPLATES SHALL BE USED.

CONDUIT SIZES AND LOCATIONS SHALL BE SHOWN ON THE PLANS.

MINIMUM BENDING RADIUS OF CONDUIT IS EQUAL TO 6 TIMES THE DIAMETER.

CONDUIT HEIGHT ABOVE CONCRETE BASES SHALL BE 4" INCHES. ALL METALLIC CONDUIT ENDS SHALL BE REAMED AND THREADED. NON-METALLIC CONDUIT SHALL HAVE BELL ENDS INSTALLED. ALL CONDUIT SHALL SLOPE TO PULL BOX.

ALL CONDUIT ENDS AT THE TOP OF CONCRETE BASES SHALL BE CAPPED IF METALLIC OR PLUGGED IF NON-METALLIC IMMEDIATELY AFTER PLACEMENT AND BEFORE CONCRETE IS POURED. CONDUITS IN WHICH WIRE OR CABLE IS NOT INSTALLED SHALL REMAIN CAPPED OR PLUGGED.

BELL ENDS SHALL BE INSTALLED ON ALL PVC CONDUIT EXPOSED AT THE TOP OF CONCRETE BASES BEFORE INSTALLATION OF CABLE OR WIRE.

WHEN REQUIRED TO CONNECT NON-METALLIC CONDUIT TO METALLIC CONDUIT, ONLY ADAPTER FITTINGS, U.L. LISTED FOR ELECTRICAL USE, SHALL BE USED.

ENDS OF CONDUIT INSTALLED BELOW GRADE FOR FUTURE USE SHALL BE CAPPED IF METALLIC OR PLUGGED IF NONMETALLIC.

A NO. 4 AWG STRANDED COPPER EQUIPMENT GROUNDING CONDUCTOR SHALL BE EXOTHERMICALLY WELDED TO THE EQUIPMENT GROUNDING ELECTRODE (GROUND ROD).

THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE FURNISHED AND INSTALLED TO ENTER THE BASE THROUGH A 1 INCH CONDUIT INSTALLED FOR GROUNDING PURPOSES, LEAVING A 4 FOOT COIL OF WIRE ABOVE THE CONCRETE BASE. THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE NEATLY COILED AND THE COILS TIED TOGETHER.

THE FINAL OR TERMINATING CONCRETE BASE IN A CONDUIT RUN SHALL HAVE A 6" EXIT STUB INSTALLED FOR FUTURE CABLING USE. THE EXIT STUB SHALL BE SIZED AS USED THROUGHOUT THE CONDUIT RUN AS SHOWN A THE ENTRANCE OF THE BASE.

(1) THE MINIMUM DEPTH OF CONDUIT EXITING THE CONCRETE BASE AND INSTALLED BELOW THE TRAVELED WAY SHALL BE 24 INCHES. THE MINIMUM DEPTH OF CONDUIT EXITING THE CONCRETE BASE THAT IS NOT INSTALLED BELOW THE TRAVELED WAY SHALL BE 18 INCHES. THE MAXIMUM DEPTH OF ALL CONDUIT SHALL BE 36 INCHES (GREATER THAN 36 INCHES IF INSTALLED IN BREAKER RUN) EXCEPT WITH WRITTEN APPROVAL OF THE ENGINEER.

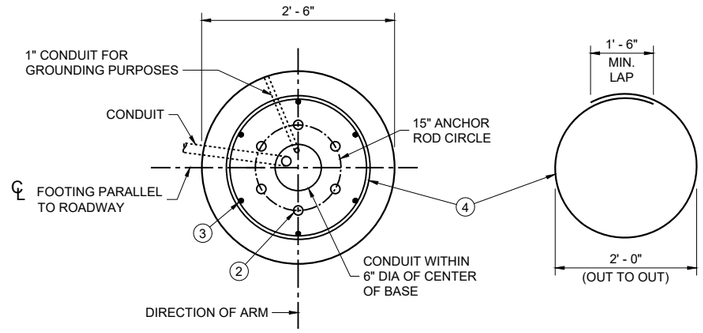
(2) (6) 1 ½ DIA. X 4' - 4" ANCHOR RODS

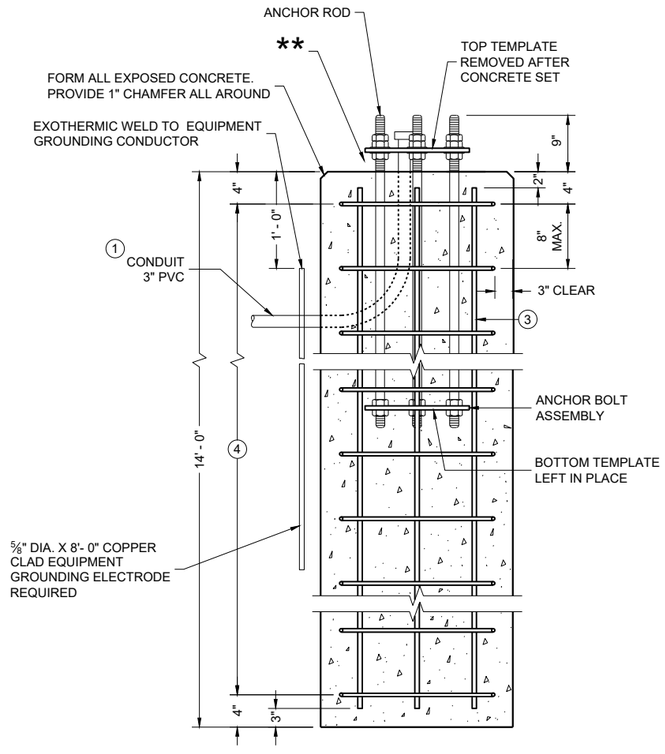
(3) (6) NO. 6 X 13' - 7" BAR STEEL REINFORCEMENT.

(4) (21) NO. 5 X 7'-10" BAR STEEL REINFORCEMENT @ 8" MAX. C-C.

CONCRETE MASONRY.....fc = 3,500 p.s.i
HIGH STRENGTH BAR STEEL REINFORCEMENT, GRADE 60.....fy = 60,000 p.s.i.
ANCHOR RODS, ASTM F1554 GRADE 55 (IN ACCORDANCE WITH SECTION 531.2.2 OF THE STANDARD SPECIFICATION).....fy = 55,000 p.s.i.
TEMPLATES, ASTM A709, GRADE 36.....fy = 36,000 p.s.i.

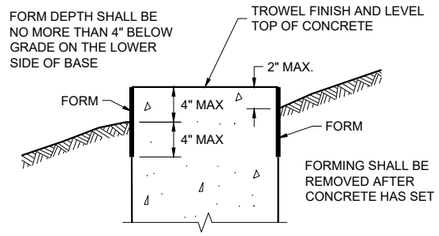
QUANTITY REQUIREMENTS	
APPROX. CUBIC YARDS OF CONCRETE	2.5
LBS. OF HOOP BAR STEEL	172
LBS. OF VERTICAL BAR STEEL	122



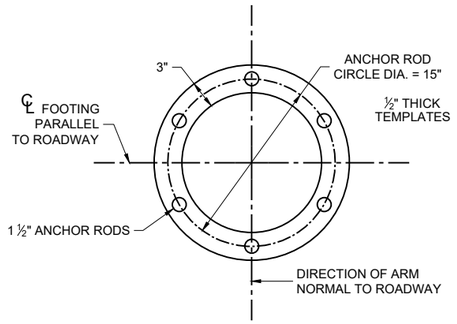


CONCRETE BASE, TYPE 10 SPECIAL OVER HEIGHT (FOR OVER HEIGHT TYPE 9 & OVER HEIGHT TYPE 10 SPECIAL POLES ONLY)

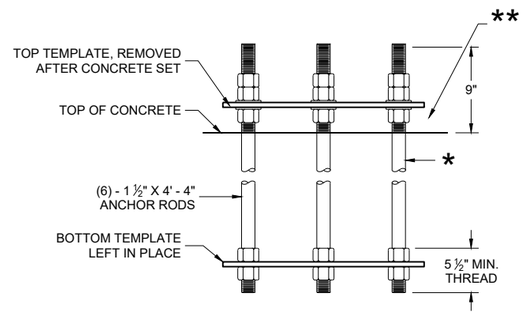
TO BE USED WHEN GROUND ELEVATION AT BASE EQUALS OR IS GREATER THAN HIGH POINT OF ROADWAY ELEVATION. SEE SDD 9C13 WHEN GROUND ELEVATION AT BASE IS LOWER THAN HIGH POINT OF ROADWAY ELEVATION.



FORMING DETAIL



TOP AND BOTTOM TEMPLATE



ANCHOR ROD ASSEMBLY DETAILS

* THREAD TOP 10" OF ANCHOR ROD FOR 3 NUTS AND 2 WASHERS AND BOTTOM 5 ½" FOR 2 NUTS PER ANCHOR ROD. HOT DIP GALVANIZE THE ENTIRE LENGTH OF THE ANCHOR ROD (ASTM A123) AND HOT DIP NUTS AND WASHERS (ASTM A153. USE ZINC COATED NUTS MANUFACTURED WITH SUFFICIENT ALLOWANCE TO ALLOW NUTS TO RUN FREELY ON THE THREADS.

** RODENT PROTECTION REQUIRED

CONCRETE BASE TYPE 10

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2025 — DATE
/S/ Ahmet Demerbilek — WIND LOADED STRUCTURES PROGRAM LEADER
FHWA

6
SDD 09C11-11

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

THE CONTRACTOR IS RESPONSIBLE FOR MAKING THEIR OWN DETERMINATION AS TO THE TYPE AND LOCATION OF UNDERGROUND UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THERETO.

BASES (SHAFT) SHALL BE EXCAVATED BY THE USE OF A CIRCULAR AUGER. IF BASE REQUIRES A DEEP FORM BECAUSE OF LOOSE SOIL, THE FORM SHALL BE REMOVED BEFORE BACKFILLING. A STEEL CASING OR CORRUGATED METAL PIPE IS ALLOWED TO REMAIN. BACKFILL SHALL BE TAMPED TIGHT AGAINST THE BASE IN LAYERS OF ONE FOOT OR LESS.

TOP SURFACE OF THE CONCRETE BASE SHALL BE TROWEL FINISHED AND LEVEL.

ANY DAMAGE TO THE CONCRETE BASE AND ANCHOR RODS DURING CONSTRUCTION OPERATIONS SHALL BE REPAIRED AT THE ENGINEER'S DIRECTION, AT THE EXPENSE OF THE CONTRACTOR.

THE REINFORCEMENT AND ANCHOR RODS SHALL BE ADEQUATELY SUPPORTED IN THE PROPER POSITIONS SO NO MOVEMENT OCCURS DURING CONCRETE PLACEMENT.

ORIENT ANCHOR RODS IN FOOTING AND PROVIDE ANCHOR RODS STICK OUT ABOVE TOP OF CONCRETE FOOTING BASE PER THIS SHEET.

ANCHOR RODS SHALL BE INSTALLED WITH MISALIGNMENTS OF LESS THAN 1:40 FROM VERTICAL.

BAR STEEL REINFORCEMENT SHALL BE COATED WITH POWDERED EPOXY RESIN IN ACCORDANCE WITH SECTION 505 OF THE STANDARD SPECIFICATIONS (LATEST EDITION).

BENDING DIMENSIONS FOR REINFORCING BARS ARE OUT TO OUT.

WELDING OF ANCHOR RODS TO THE CAGE IS UNACCEPTABLE. TEMPLATES SHALL BE USED.

USE 3" CLEAR FOR ALL REINFORCEMENT UNLESS NOTED OTHERWISE.

FORM ALL EXPOSED CONCRETE CORNERS WITH 1" CHAMFER ALL AROUND. TOP OF THE CONCRETE BASE SHALL BE TROWEL FINISHED AND LEVEL.

CONDUIT SIZES AND LOCATIONS SHALL BE SHOWN ON THE PLANS.

MINIMUM BENDING RADIUS OF CONDUIT IS EQUAL TO 6 TIMES THE DIAMETER.

CONDUIT HEIGHT ABOVE CONCRETE BASES SHALL BE 4 ½" INCHES. ALL METALLIC CONDUIT ENDS SHALL BE REAMED AND THREADED. NON-METALLIC CONDUIT SHALL HAVE BELL ENDS INSTALLED. ALL CONDUIT SHALL SLOPE TO PULL BOX.

ALL CONDUIT ENDS AT THE TOP OF CONCRETE BASES SHALL BE CAPPED IF METALLIC OR PLUGGED IF NON-METALLIC IMMEDIATELY AFTER PLACEMENT AND BEFORE CONCRETE IS POURED. CONDUITS IN WHICH WIRE OR CABLE IS NOT INSTALLED SHALL REMAIN CAPPED OR PLUGGED.

BELL ENDS SHALL BE INSTALLED ON ALL PVC CONDUIT EXPOSED AT THE TOP OF CONCRETE BASES BEFORE INSTALLATION OF CABLE OR WIRE.

WHEN REQUIRED TO CONNECT NON-METALLIC CONDUIT TO METALLIC CONDUIT, ONLY ADAPTER FITTINGS, U.L. LISTED FOR ELECTRICAL USE, SHALL BE USED.

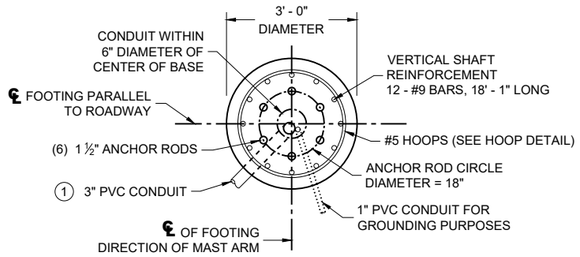
A NO. 4 AWG STRANDED COPPER EQUIPMENT GROUNDING CONDUCTOR SHALL BE EXOTHERMICALLY WELDED TO THE EQUIPMENT GROUNDING ELECTRODE (GROUND ROD).

THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE FURNISHED AND INSTALLED TO ENTER THE BASE THROUGH A 1 INCH CONDUIT INSTALLED FOR GROUNDING PURPOSES, LEAVING A 4 FOOT COIL OF WIRE ABOVE THE CONCRETE BASE. THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE NEATLY COILED AND THE COILS TIED TOGETHER.

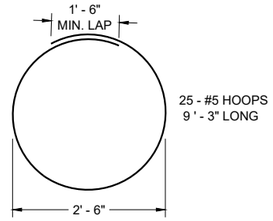
THE FINAL OR TERMINATING CONCRETE BASE IN A CONDUIT RUN SHALL HAVE A 6" EXIT STUB INSTALLED FOR FUTURE CABLING USE. THE EXIT STUB SHALL BE SIZED AS USED THROUGHOUT THE CONDUIT RUN AS SHOWN A THE ENTRANCE OF THE BASE.

(1) THE MINIMUM DEPTH OF CONDUIT EXITING THE CONCRETE BASE AND INSTALLED BELOW THE TRAVELED WAY SHALL BE 24 INCHES. THE MINIMUM DEPTH OF CONDUIT EXITING THE CONCRETE BASE THAT IS NOT INSTALLED BELOW THE TRAVELED WAY SHALL BE 18 INCHES. THE MAXIMUM DEPTH OF ALL CONDUIT SHALL BE 36 INCHES (GREATER THAN 36 INCHES IF INSTALLED IN BREAKER RUN) EXCEPT WITH WRITTEN APPROVAL OF THE ENGINEER.

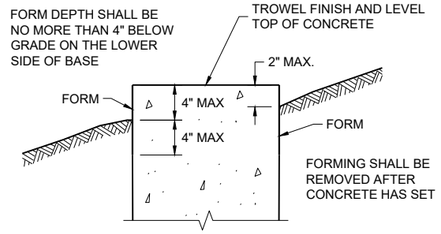
CONCRETE MASONRY.....fc = 3,500 p.s.i
HIGH STRENGTH BAR STEEL REINFORCEMENT, GRADE 60.....fy = 60,000 p.s.i.
ANCHOR RODS, ASTM F1554 GRADE 55.....fy = 55,000 p.s.i.
(IN ACCORDANCE WITH SECTION 531.2.2 OF THE STANDARD SPECIFICATION)
TEMPLATES, ASTM A709, GRADE 36.....fy = 36,000 p.s.i.



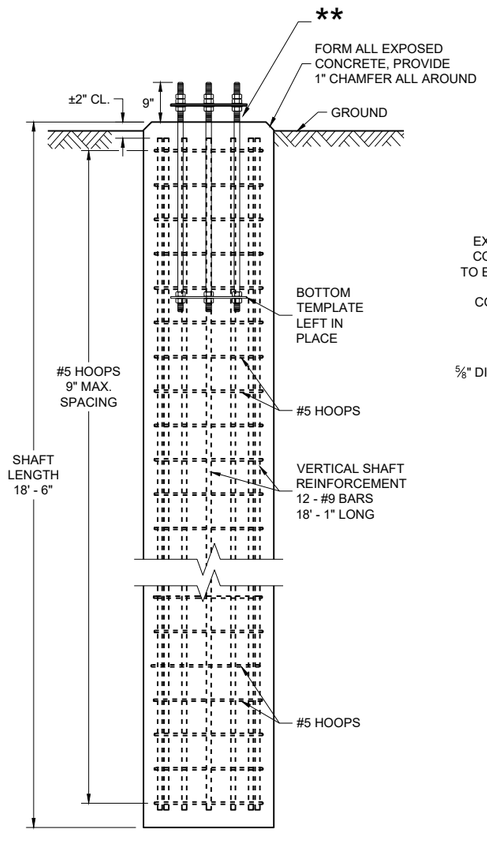
PLAN VIEW



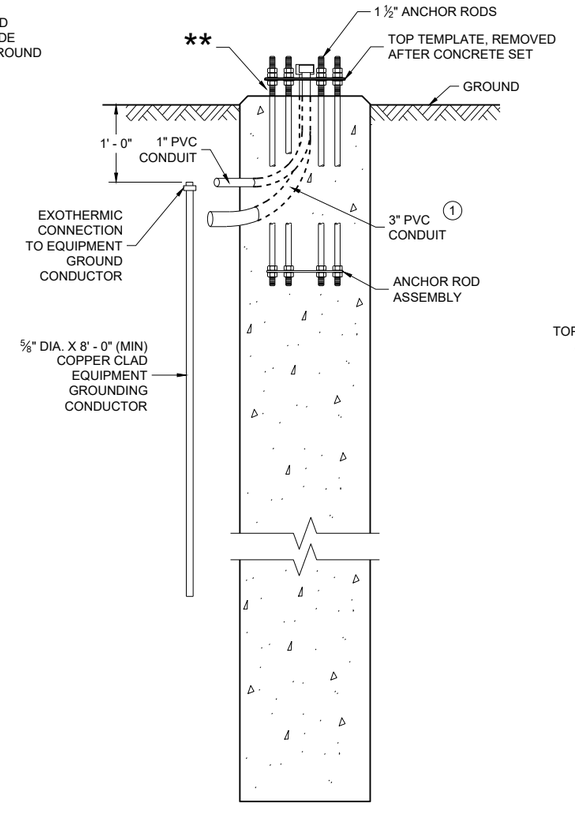
HOOP DETAIL



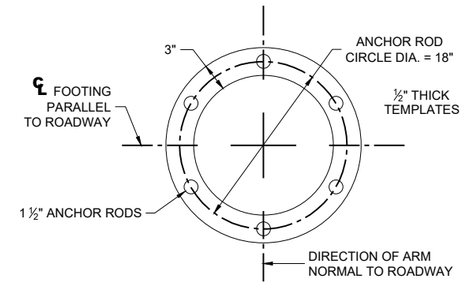
FORMING DETAIL



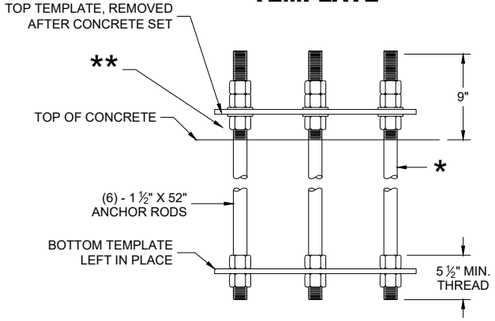
ELEVATION VIEW
(CONDUITS NOT SHOWN ON THIS VIEW FOR CLARITY)



SIDE VIEW
(HOOPS AND VERTICAL SHAFT REINFORCEMENT NOT SHOWN ON THIS VIEW FOR CLARITY)



TOP AND BOTTOM TEMPLATE



ANCHOR ROD ASSEMBLY DETAILS

* THREAD TOP 10" OF ANCHOR ROD FOR 3 NUTS AND 2 WASHERS AND BOTTOM 5 ½" FOR 2 NUTS PER ANCHOR ROD. HOT DIP GALVANIZE THE ENTIRE LENGTH OF THE ANCHOR ROD (ASTM A123) AND HOT DIP NUTS AND WASHERS (ASTM A153. USE ZINC COATED NUTS MANUFACTURED WITH SUFFICIENT ALLOWANCE TO ALLOW NUTS TO RUN FREELY ON THE THREADS.

** RODENT PROTECTION REQUIRED

CONCRETE BASE, TYPE 10 SPECIAL
(FOR TYPE 9 SPECIAL AND TYPE 10 SPECIAL POLES AND OVER HEIGHT (OH) POLES)

CONCRETE = 4.8 CUBIC YARD
H.S. REINFORCEMENT = 979 LBS.

FOR USE WHEN GROUND ELEVATION AT BASE EQUALS OR IS GREATER THAN HIGH POINT OF ROADWAY ELEVATION.

CONCRETE BASE TYPE 10 SPECIAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

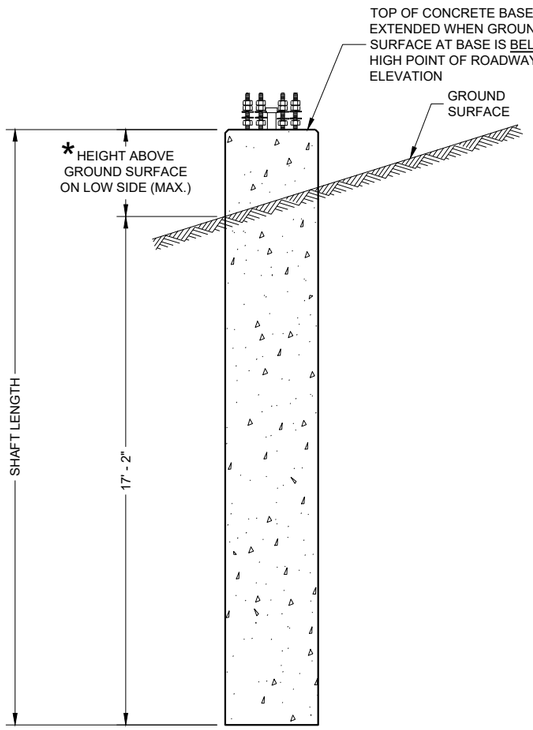
APPROVED
November 2025 — DATE
/S/ Alex Crabtree — WIND LOADED STRUCTURES PROGRAM LEADER

FHWA

6
SDD 09C15-03

REINFORCEMENT AND CONCRETE QUANTITIES
ADJUSTED FOR EXTENDED TYPE 10 SPECIAL CONCRETE BASE

HEIGHT INCREASE REQUIRED	*HEIGHT ABOVE GROUND SURFACE ON LOW SIDE (MAX.)	SHAFT LENGTH	LENGTH OF #8 VERTICAL REINF.	NO. OF #5 HOOPS	CU. YD. OF CONCRETE	LBS. OF HOOP BAR STEEL	LBS. OF VERTICAL STEEL
>0" TO 6"	10"	18' - 0"	17' - 7"	25	4.7	241	563
>6" TO 1' - 0"	1' - 4"	18' - 6"	18' - 1"	25	4.8	241	579
>1' - 0" TO 1' - 6"	1' - 10"	19' - 0"	18' - 7"	26	5.0	251	595
>1' - 6" TO 2 - 0"	2' - 4"	19' - 6"	19' - 1"	27	5.1	260	611



CONCRETE BASE TYPE 10 SPECIAL (EXTENDED)

CONCRETE BASE TYPE 10 SPECIAL EXTENSION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2023
DATE

/S/ Ahmet Demirbilek
STATE ELECTRICAL ENGI 611

FHWA

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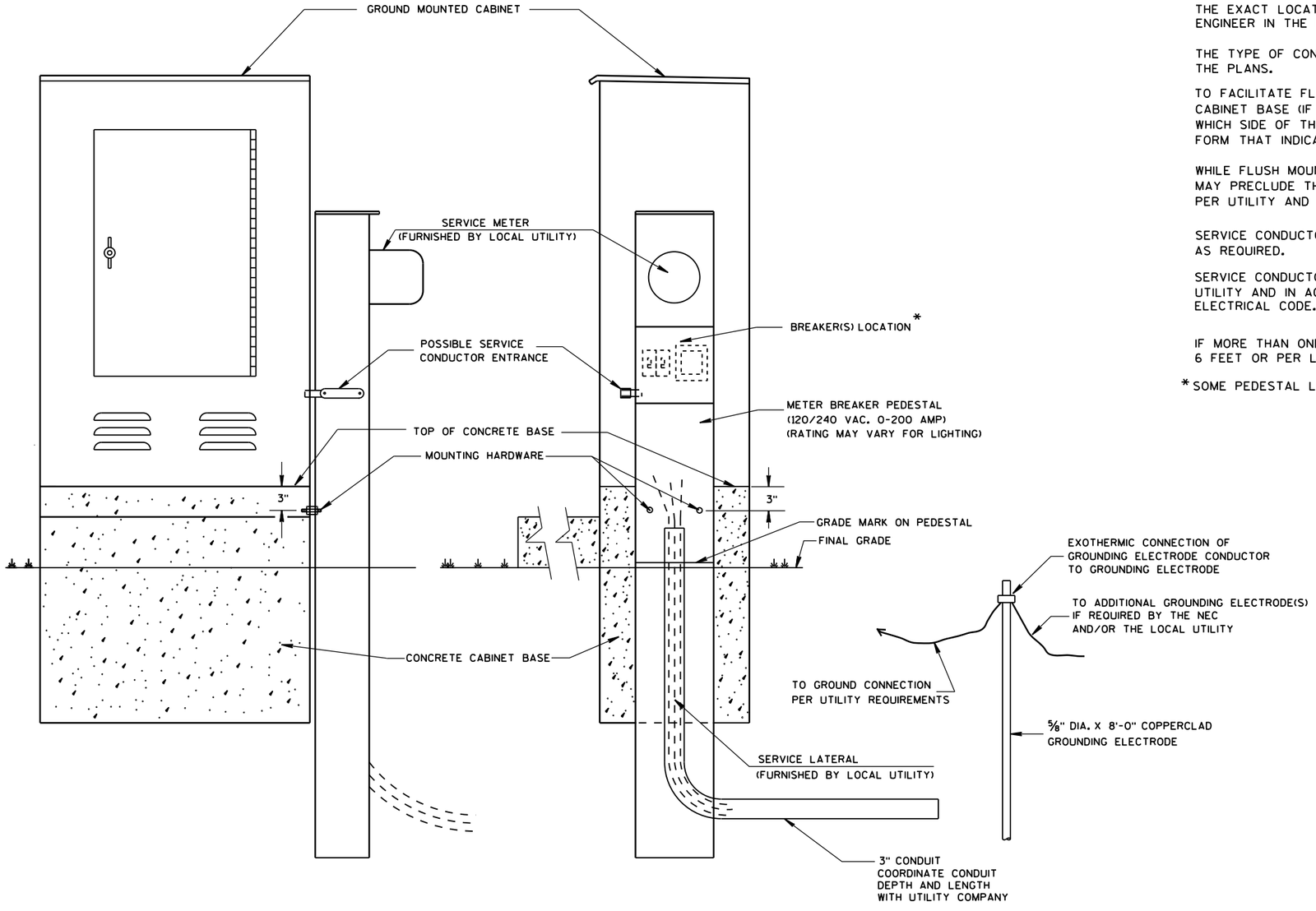
SDD 09C16-01



TYPICAL CABINET SERVICE INSTALLATION

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

THE EXACT LOCATION OF THE METER BREAKER PEDESTAL SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

THE TYPE OF CONCRETE CABINET BASE TO BE INSTALLED SHALL BE AS CALLED FOR IN THE PLANS.

TO FACILITATE FLUSH MOUNTING OF THE METER BREAKER PEDESTAL AGAINST THE SIDE OF THE CABINET BASE (IF FLUSH MOUNTING POSSIBLE. CONFER WITH THE LOCAL UTILITY TO DETERMINE WHICH SIDE OF THE CONCRETE BASE THE ELECTRICAL SERVICE LATERAL WILL APPROACH. THEN FORM THAT INDICATED SIDE FOR FULL SIDE DEPTH.

WHILE FLUSH MOUNTING IS THE MOST DESIRABLE MOUNTING CONFIGURATION UTILITY REQUIREMENTS MAY PRECLUDE THIS OPTION. CONTRACTOR MUST PROVIDE UTILITY APPROVED PEDESTAL AND INSTALL PER UTILITY AND MANUFACTURERS REQUIREMENTS.

SERVICE CONDUCTOR ENTRANCES SHALL BE RIGID METALLIC CONDUIT, NIPPLES AND/OR CONDULETS AS REQUIRED.

SERVICE CONDUCTOR ENTRANCES SHALL BE SIZED AND LOCATED AS REQUIRED BY THE LOCAL UTILITY AND IN ACCORDANCE WITH APPROPRIATE ARTICLES OF THE LATEST ACCEPTED NATIONAL ELECTRICAL CODE.

IF MORE THAN ONE GROUNDING ELECTRODE IS REQUIRED, THE DISTANCE APART SHALL BE 6 FEET OR PER LOCAL UTILITY REGULATIONS.

* SOME PEDESTAL LIGHTING PLANS SHOW MAIN LUGS ONLY.

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S.D.D. 9 D 1-5

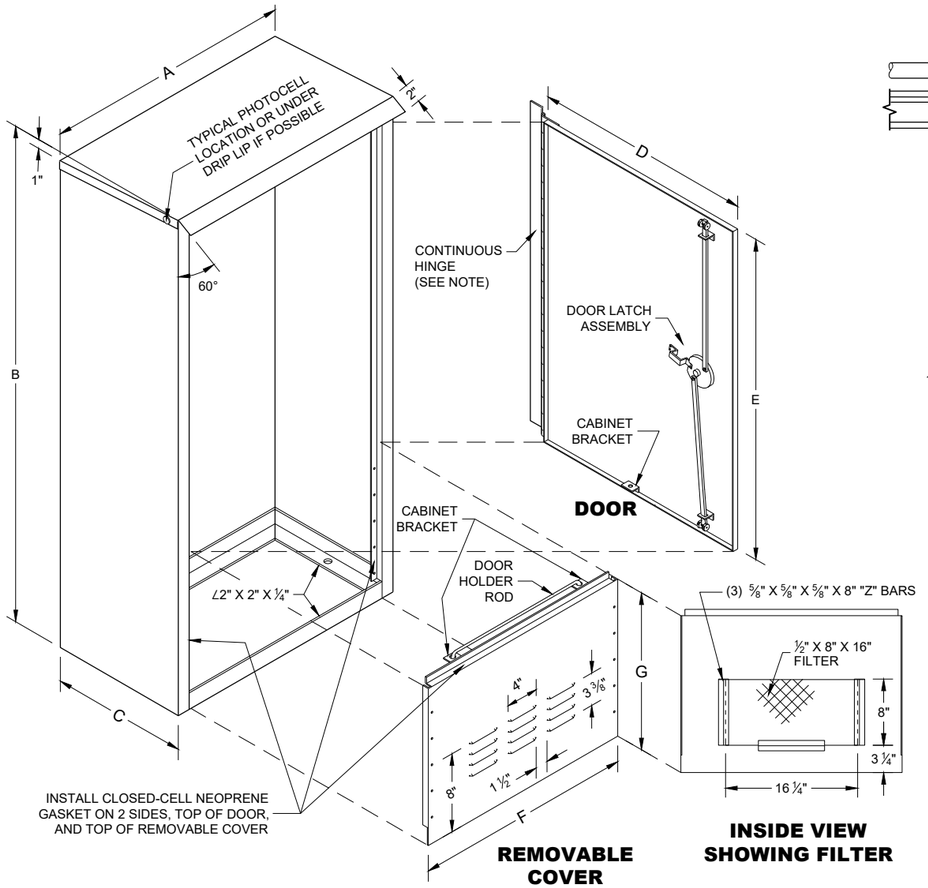
CABINET SERVICE INSTALLATION (METER BREAKER PEDESTAL)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
Sept. 2014
DATE

/S/ Ahmet Demirbilek
STATE ELECTRICAL

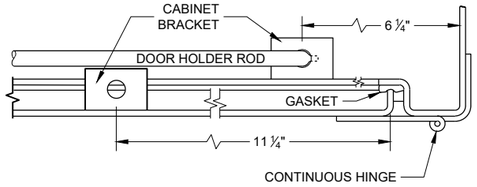
FHWA



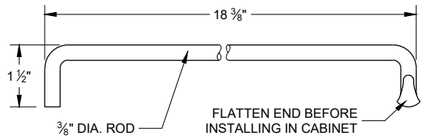
DOOR

REMOVABLE COVER

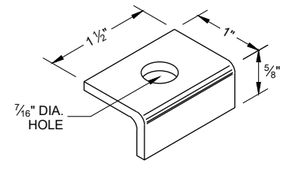
INSIDE VIEW SHOWING FILTER



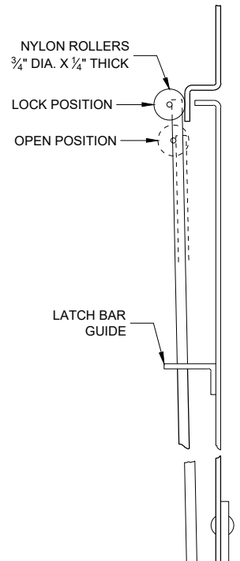
HINGE AND DOOR HOLDER

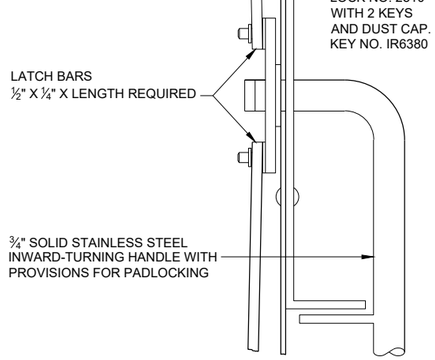


HOLDER ROD

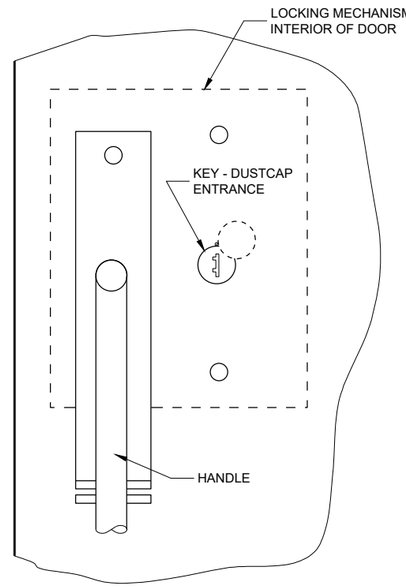


CABINET BRACKET





SIDE VIEW



FRONT VIEW

LATCH ASSEMBLY

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

PRIME WITH PHOSPHATE TREATMENT AND PRIMER.

FINISH EXTERIOR SURFACES WITH RUSTOLEUM #906 SILVER GRAY OR APPROVED EQUAL.

FINISH INTERIOR WITH RUSTOLEUM #2766 HIGH GLOSS WHITE ENAMEL OR APPROVED EQUAL.

ALL SHEET METAL PARTS SHALL BE .125 INCH THICK ALUMINUM.

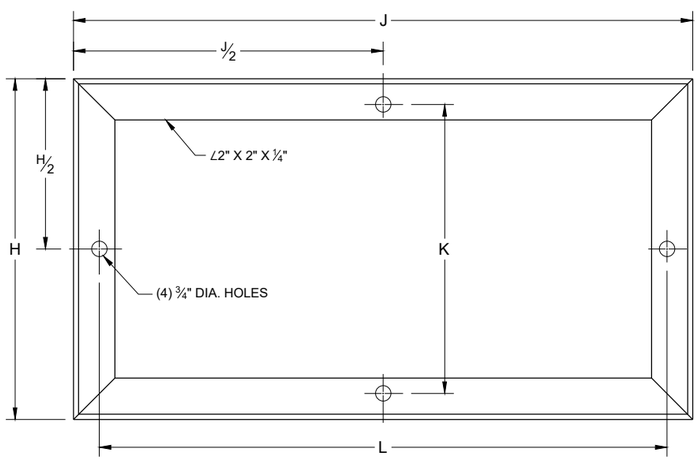
ALL SEAMS SHALL BE CONTINUOUSLY WELDED.

ALUMINUM SHALL BE TYPE 5052-H32.

CONTINUOUS HINGE SHALL BE HEAVY GAUGE ALUMINUM WITH ¼" DIAMETER STAINLESS STEEL HINGE PIN. HINGE IS SECURED WITH ¼" X 20 TPI STAINLESS STEEL CARRIAGE BOLTS AND STAINLESS STEEL NYLOCK NUTS.

A SINGLE PHOTOCELL SHALL BE LOCATED ON THE NORTH - NORTHEAST SIDE OF THE CABINET UNLESS OTHERWISE CALLED FOR IN THE SPECIAL PROVISIONS. THE PHOTOCELL SHALL BE PLACED AS SHOWN AND SHALL BE LISTED ON THE DEPARTMENTS APPROVED PRODUCTS LIST.

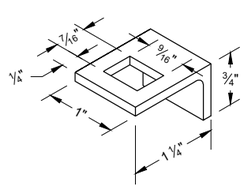
DOOR LATCH ASSEMBLY TO BE PROVIDED WITH THREE-POINT LOCKING MECHANISM.



MOUNTING BASE

TABLE OF DIMENSIONS (INCHES)

MARK	CABINET TYPE		
	3060	3860	3866
A	30	38	38
B	60	60	66
C	16 ½	16 ½	24
D	26 ½	34 ¾	33 ¾
E	38 ¾	38 ¾	38 ¾
F	26 ½	34 ¾	33 ¾
G	19	19	25
H	16 ½	16 ½	24
H/2	8 ¼	8 ¼	12
J	30	38	38
J/2	15	19	19
K	13 ¾	13 ¾	21 ¼
L	27 ½	35 ½	35 ½



LATCH BAR GUIDE

SIGNAL CONTROL CABINET

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
September 2014
DATE

/S/ Ahmet Demerbilek
STATE ELECTRICAL ENGI 613

FHWA

SDD 09D02 - 03

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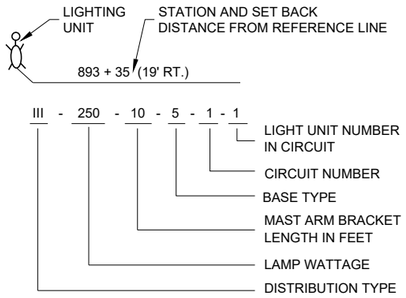
GENERAL NOTES

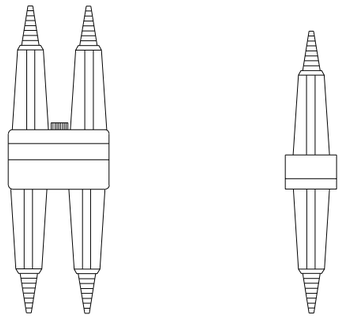
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

THE EQUIPMENT GROUND CONNECTOR SHALL BE TAPED WITH 3 WRAPS (MINIMUM) OF APPROVED RUBBER TAPE AND 3 WRAPS (MINIMUM) OF APPROVED VINYL TAPE TO COVER SHARP WIRE ENDS AFTER THE CONNECTION IS COMPLETED.

WHEN TRANSFORMER BASES ARE USED, ALL WIRING CONNECTIONS SHALL OCCUR WITHIN THE TRANSFORMER BASES.

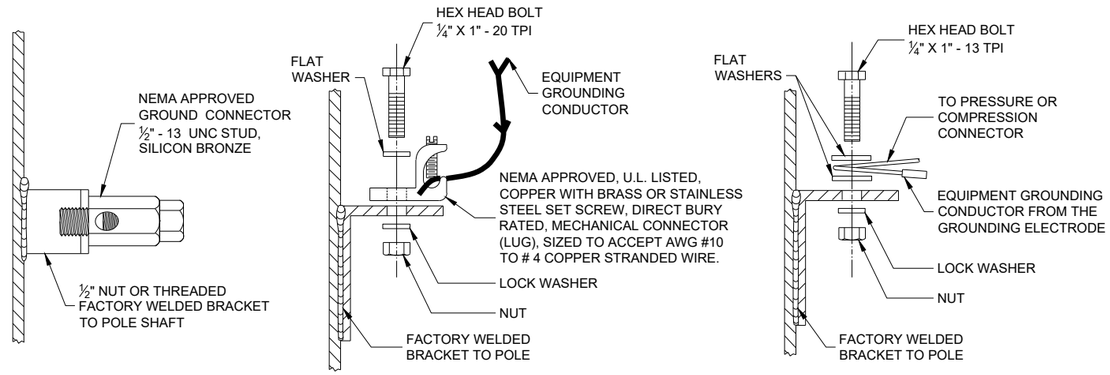


LIGHTING UNIT CODE
(TYPICAL)

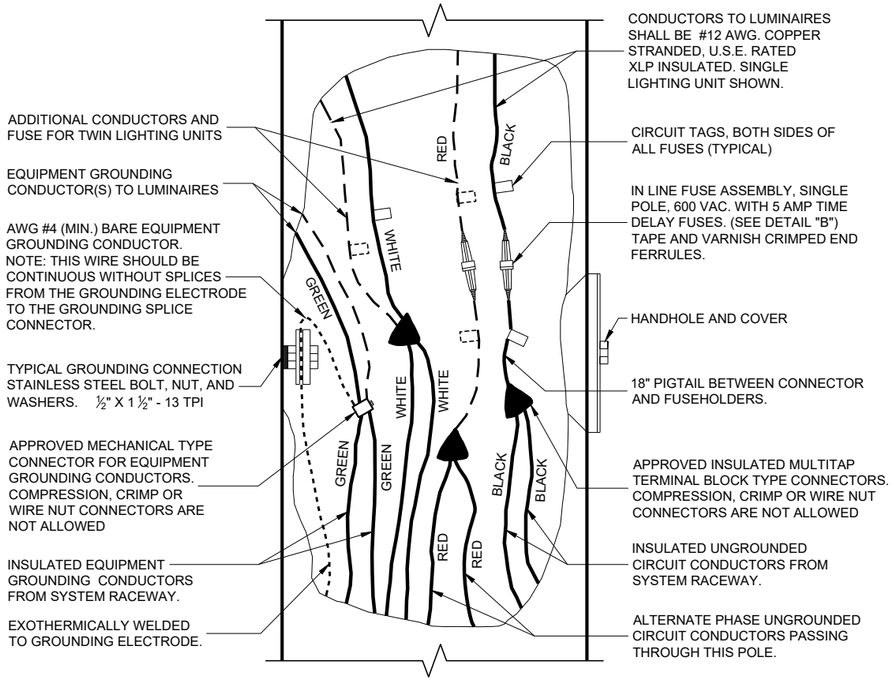


DETAIL "A"
BREAKAWAY DOUBLE POLE WITH WATERPROOF INSULATING BOOT

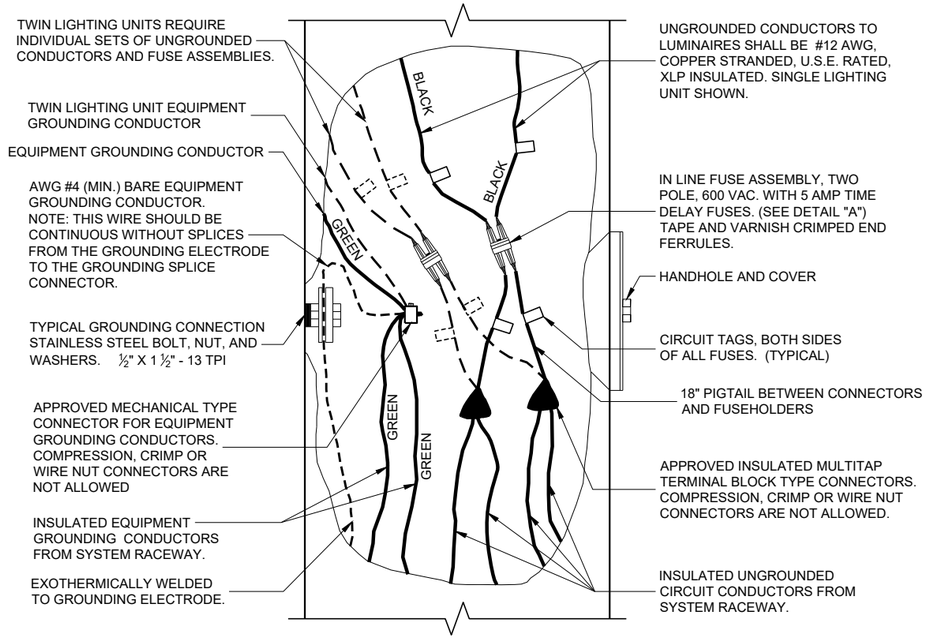
DETAIL "B"
BREAKAWAY SINGLE POLE WITH WATERPROOF INSULATING BOOT



TYPICAL GROUNDING CONNECTIONS
NUT, BOLT AND WASHERS SHALL BE STAINLESS STEEL



3 WIRE - 120, 240 OR 480 VAC (UNGROUNDED CONDUCTORS) WITH GROUNDING CONDUCTOR AND EQUIPMENT GROUNDING CONDUCTOR



2 WIRE - 240 OR 480 VAC (UNGROUNDED CONDUCTORS) WITH EQUIPMENT GROUNDING CONDUCTOR

NON - FREEWAY LIGHTING UNIT POLE WIRING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2018
DATE
/S/ Ahmet Demirbilek
STATE ELECTRICAL ENGI 614

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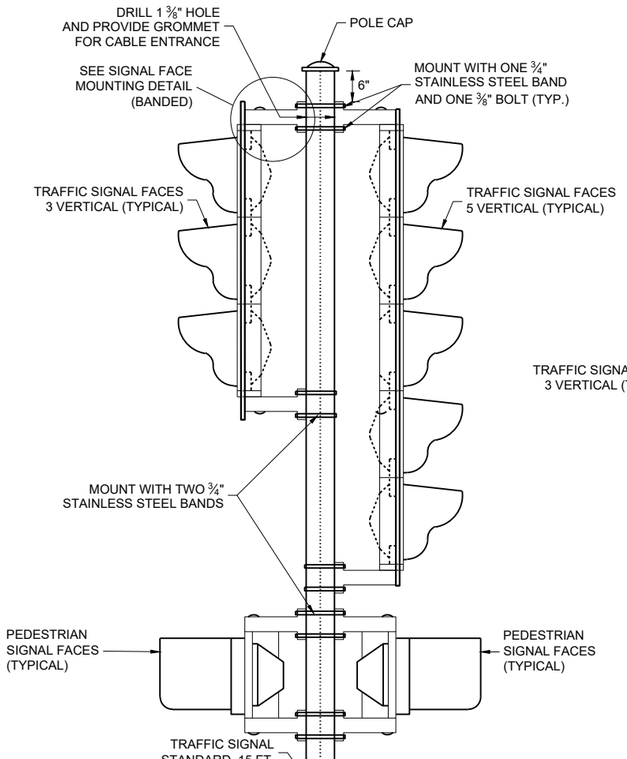
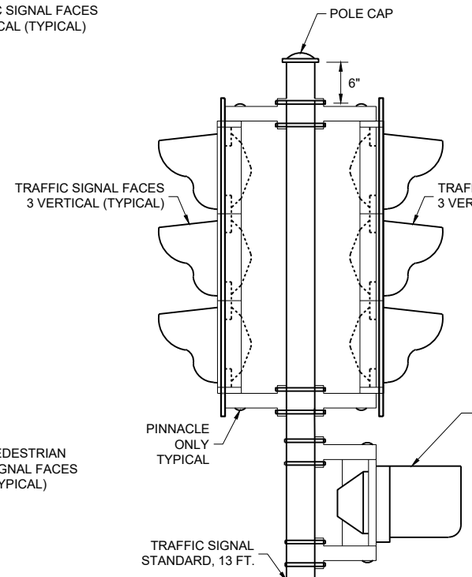
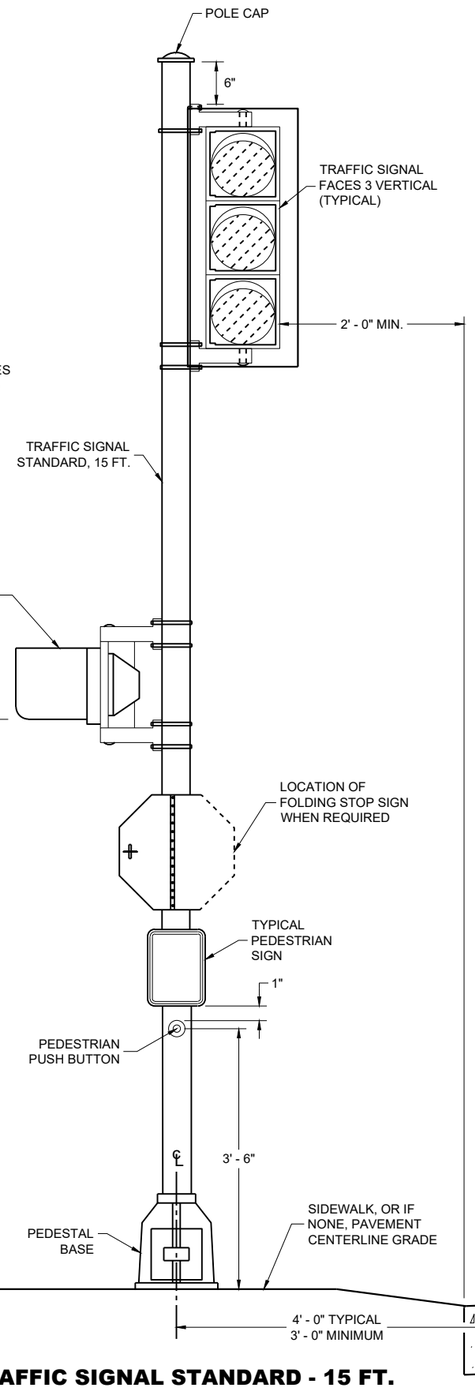
SDD 09E03 - 06



TRAFFIC SIGNAL
STANDARD - 15 FT.



TRAFFIC SIGNAL
STANDARD - 13 FT.



TRAFFIC SIGNAL STANDARD - 15 FT.
3M MOUNTING (TYPICAL)

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

SEE THE SIGNAL PLAN FOR REQUIRED SIGNAL FACE SIZES.

ALL PEDESTAL BASES SHALL BE MOUNTED ON CONCRETE BASE - TYPE 1.

FOR APPROVED MOUNTING HARDWARE, SEE THE CONTRACT SPECIAL PROVISIONS.

POLYCARBONATE MOUNTING BRACKETS SHALL BE USED.

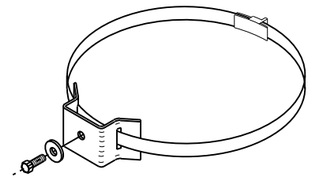
LENGTH AND LOCATION OF TRAFFIC SIGNAL STANDARDS SHALL BE AS SHOWN ON THE PLANS.

OPTICALLY PROGRAMMED SIGNAL FACES SHALL BE MASKED IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS, AND UNDER THE DIRECTIONS OF THE REGION TRAFFIC ENGINEER.

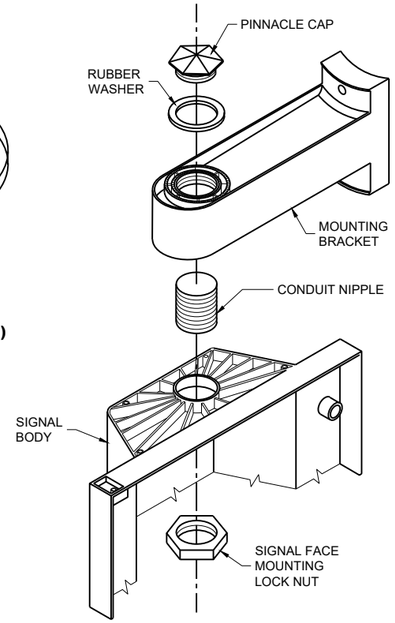
FOLDING STOP SIGNS SHALL BE IN ACCORDANCE WITH THE MUTCD AND/OR THE LATEST WISCONSIN SUPPLEMENT. THE SIGNS SHALL BE SIZED AND LOCATED AS CALLED FOR IN IN THE PLANS.

PEDESTRIAN SIGNS SHALL BE AS DESIGNATED IN THE PLANS.

FURNISH AND INSTALL VENTILATED, CAST, METALLIC (ALUMINUM ALLOY) CAPS. FASTEN CAPS WITH ONE (1) 1/4" X 3/4" - 20 TPI STAINLESS STEEL, HEX HEAD BOLT.



TYPICAL SIGN MOUNTING BAND
(TOP AND BOTTOM OF SIGN)



SIGNAL FACE MOUNTING DETAIL (BANDED)

TRAFFIC SIGNAL STANDARD
POLY BRACKET MOUNTINGS
(TYPICAL) 13 FT. OR 15 FT.

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2026 — DATE
/S/ Ahmet Demirbilek — STATE ELECTRICAL ENGINEER

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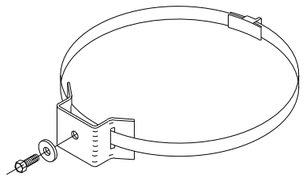
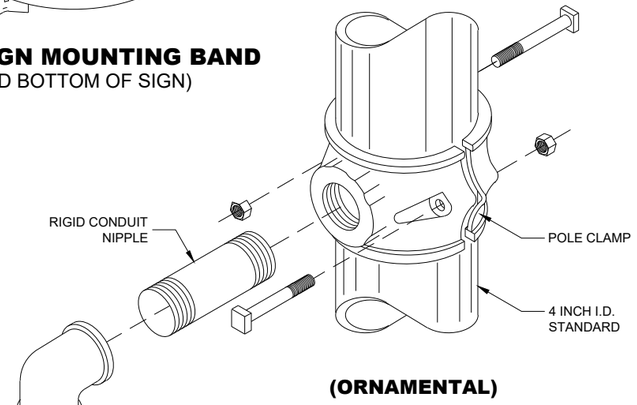
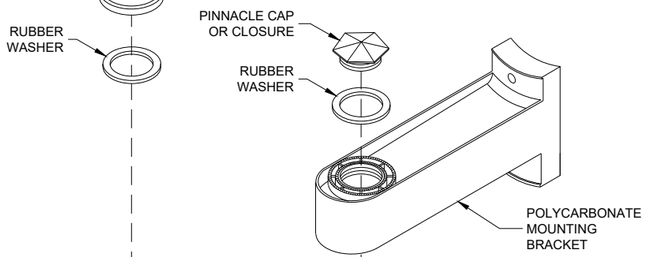


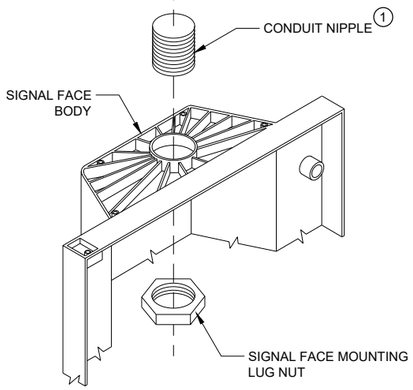
TYPICAL SIGN MOUNTING BAND
(TOP AND BOTTOM OF SIGN)



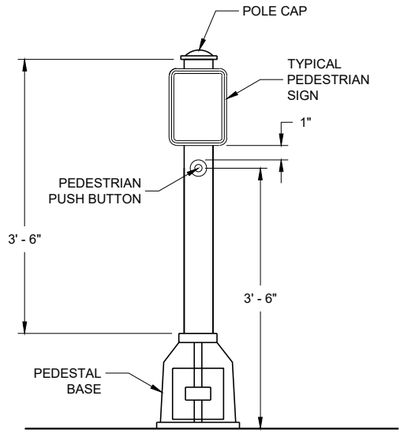
(ORNAMENTAL)



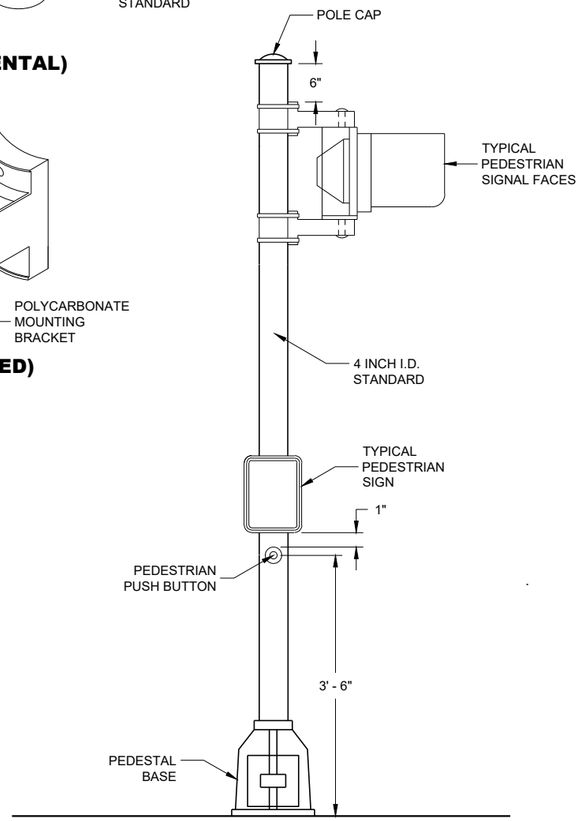
(BANDED)



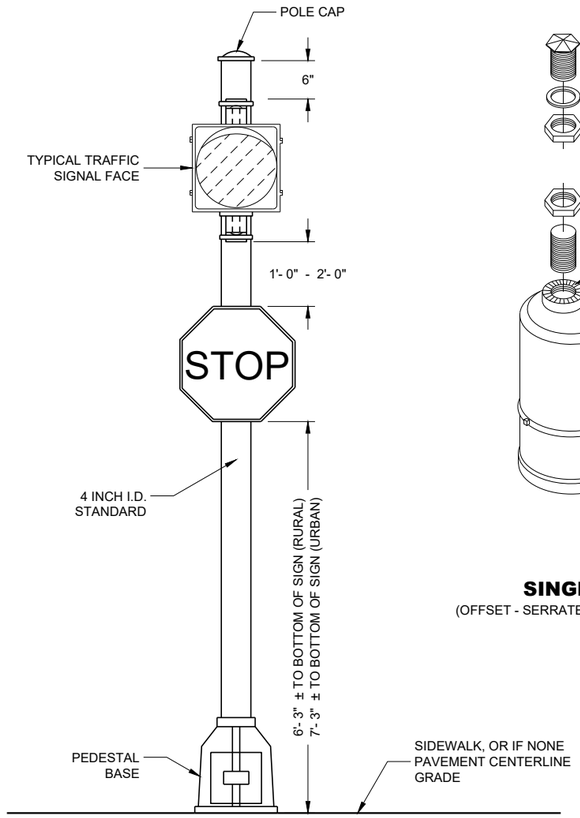
SIGNAL FACE MOUNTING DETAILS



PEDESTRIAN PUSH BUTTON TYPICAL MOUNTING



PEDESTRIAN FACE STANDARD - 10 FT.
(WALK - DON'T WALK)



STANDARD FLASHER
10 FOOT, 13 FOOT OR 15 FOOT AS REQUIRED

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

SEE THE SIGNAL PLAN FOR REQUIRED SIGNAL FACE SIZES.

LOCATIONS SHALL BE AS SHOWN ON THE PLANS, UNLESS APPROVED BY THE ENGINEER IN THE FIELD.

ALL PEDESTAL BASES SHALL BE MOUNTED ON CONCRETE BASE - TYPE 1.

FOR APPROVED MOUNTING HARDWARE, SEE THE CONTRACT SPECIFICATIONS.

POLYCARBONATE SIGNAL FACE MOUNTING BRACKETS SHALL BE USED UNLESS ORNAMENTAL POLE CLAMPS ARE SPECIFIED.

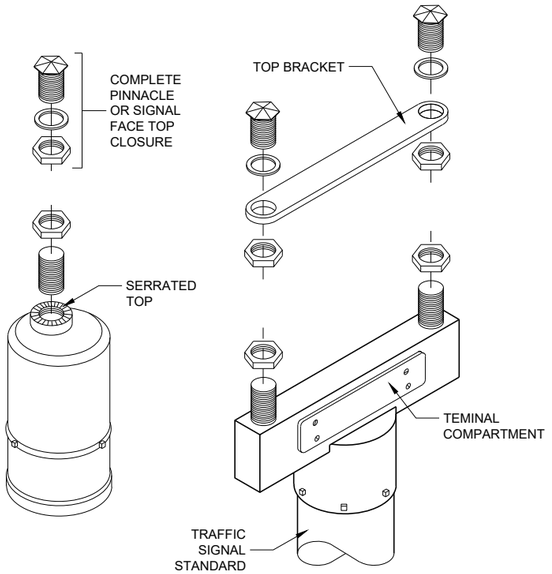
LENGTH OF TRAFFIC STANDARDS SHALL BE AS SHOWN ON THE PLANS.

MOUNTINGS AND BRACKETS SHALL BE AS SHOWN ON THE PLANS OR DESCRIBED IN THE SPECIAL PROVISIONS (BY THE REGION TRAFFIC ENGINEER).

PEDESTRIAN SIGNS SHALL BE AS DESIGNATED IN THE PLANS.

FURNISH AND INSTALL VENTILATED, CAST, METALLIC (ALUMINUM ALLOY) CAPS. FASTEN CAPS WITH ONE (1) ¼" X ¾" - 20 TPI STAINLESS STEEL, HEX HEAD BOLT.

(1) USE 1 ½" ID NIPPLES ZINC-COATED RIGID METAL CONDUIT, LONG ENOUGH TO ACCOMMODATE FULL DEPTH THREADING INTO THE HEAD MOUNTING LOCK NUT IN ORDER TO TIGHTEN THE FACE, BUT THAT DO NOT INTERFERE WITH REFLECTOR CLOSURE. THREAD THE NIPPLE INTO THE MOUNTING BRACKET/ELBOW UNTIL TIGHT. USE APPROVED PINNACLE TYPE HARDWARE FROM A DEPARTMENT APPROVED MANUFACTURER TO CLOSE THE UNUSED 1 ½" OPENING IN SIGNAL FACESAND BRACKET ENDS.



SINGLE
(OFFSET - SERRATED MOUNTING)

DOUBLE
(SERRATED MOUNTING)

SLIPFITTERS

TRAFFIC SIGNAL STANDARD PEDESTRIAN AND FLASHER TYPICAL MOUNTING DETAILS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2018
DATE

/S/ Ahmet Demirbilek
STATE ELECTRICAL ENGI 616

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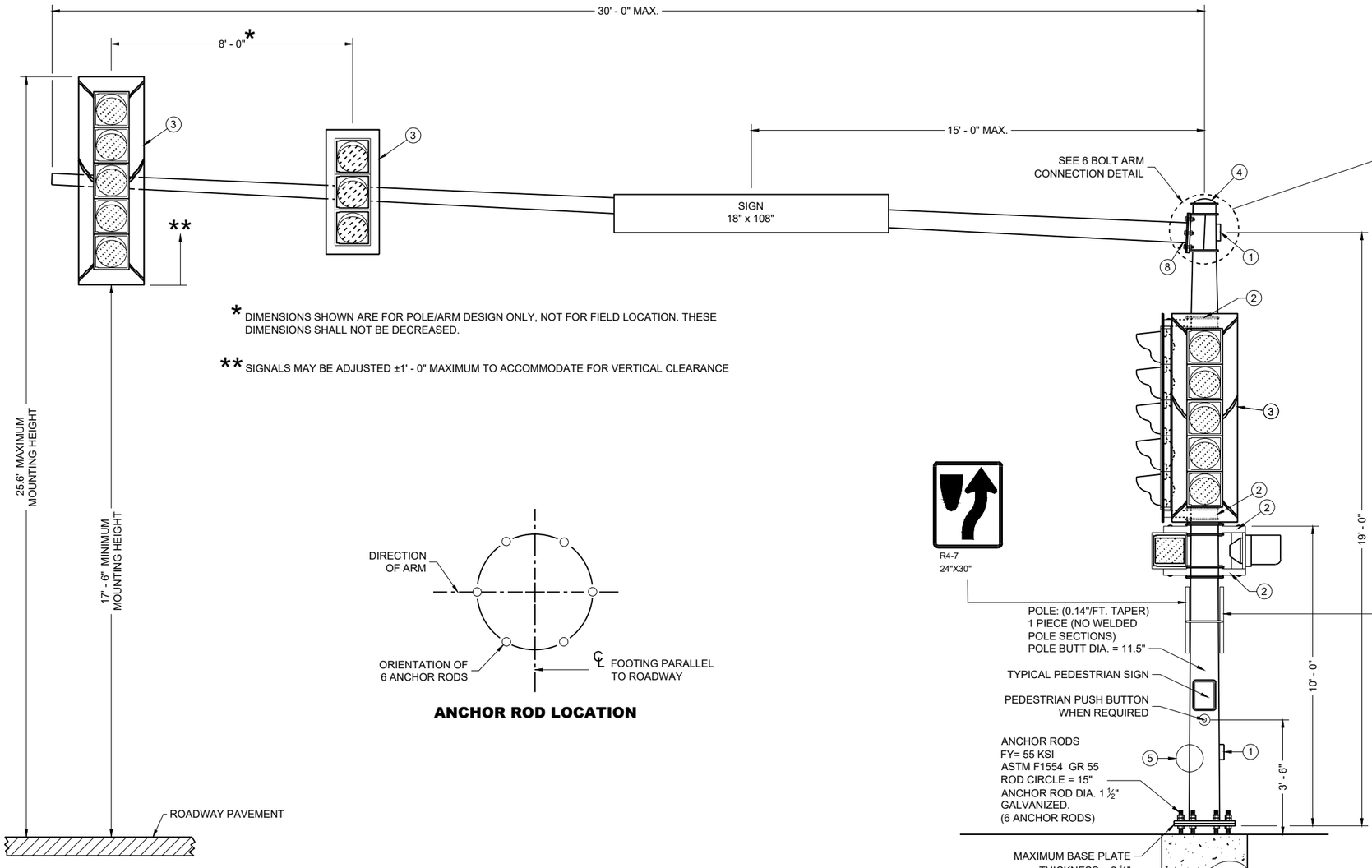
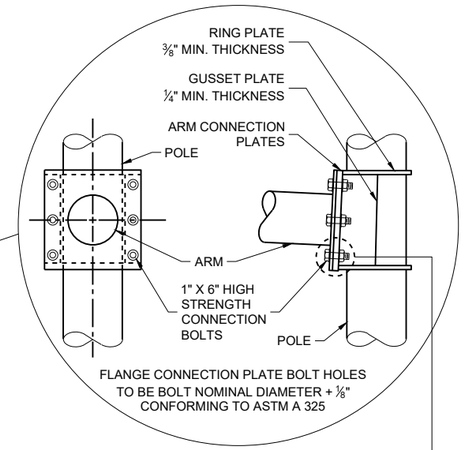


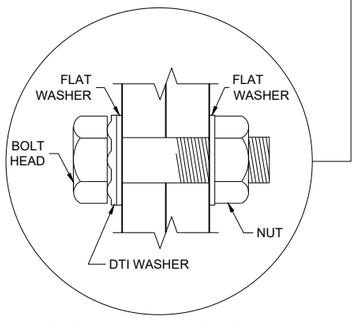
* DIMENSIONS SHOWN ARE FOR POLE/ARM DESIGN ONLY, NOT FOR FIELD LOCATION. THESE DIMENSIONS SHALL NOT BE DECREASED.

** SIGNALS MAY BE ADJUSTED ±1' - 0" MAXIMUM TO ACCOMMODATE FOR VERTICAL CLEARANCE

ANCHOR ROD LOCATION



6 BOLT ARM CONNECTION DETAIL

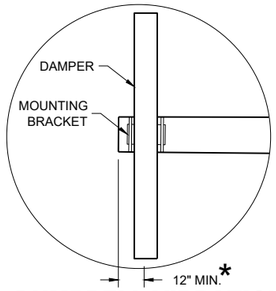


RECOMMENDED BOLT ASSEMBLY DETAIL

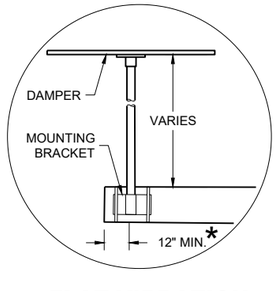
TYPE 9 POLE
15' - 30' MONOTUBE ARM
(MAXIMUM LOAD)

TYPE 9 POLE
15' - 30' MONOTUBE ARM

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

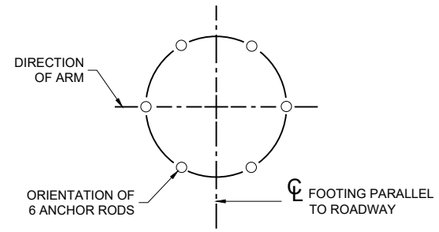


DUMBBELL VIBRATION DAMPER

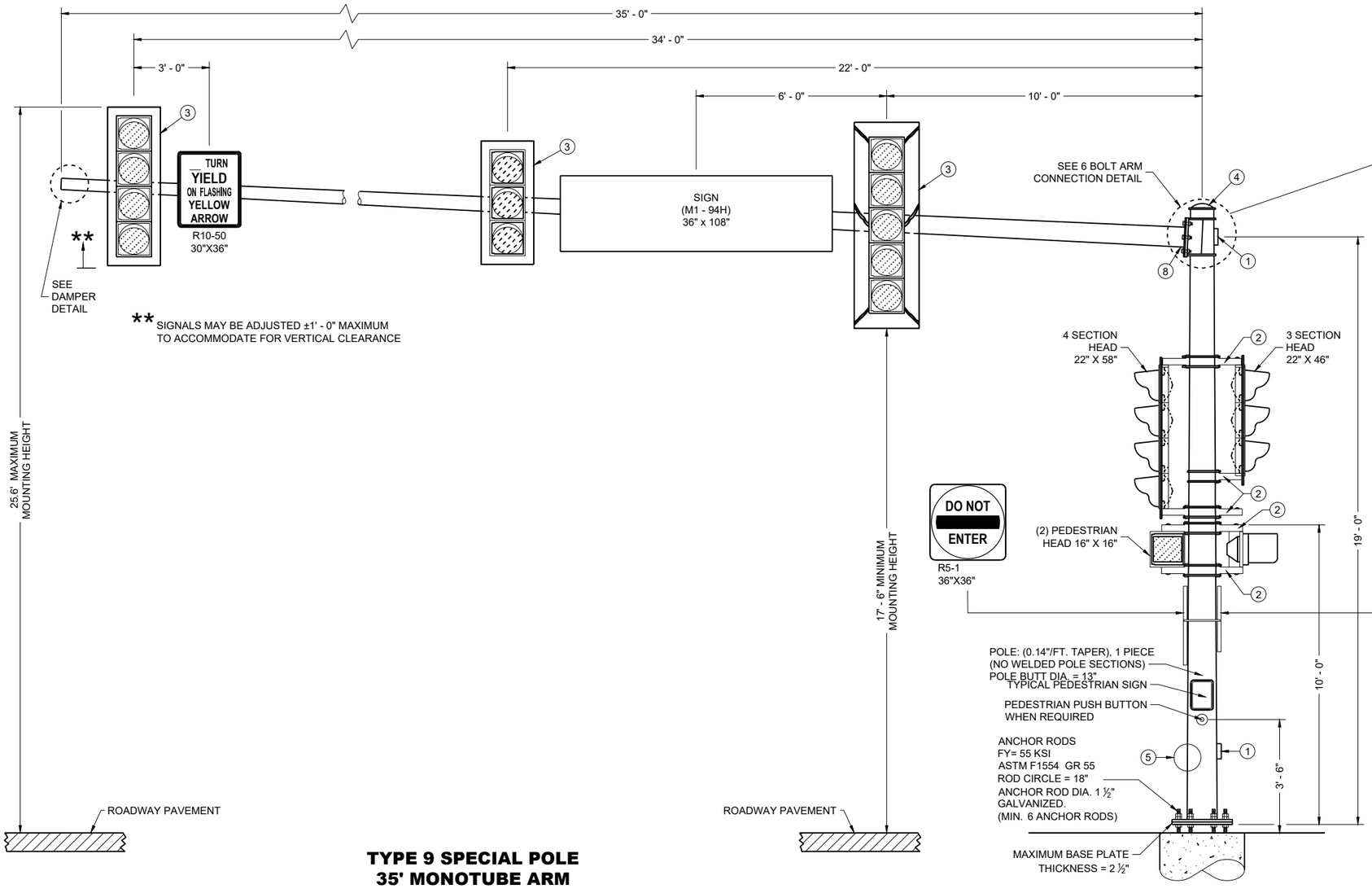


FLAT VIBRATION DAMPER

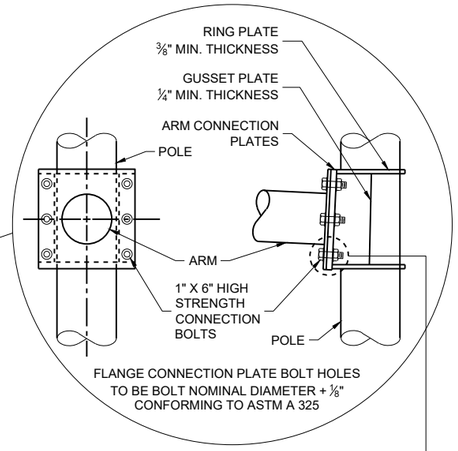
* MOUNT AS CLOSE TO END OF MAST ARM FOR MAXIMUM DAMPING PER MANUFACTURER'S RECOMMENDATIONS.



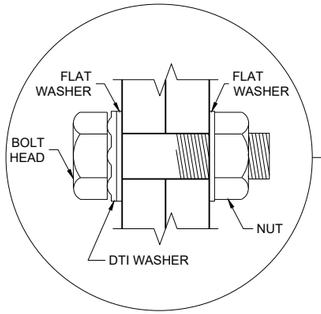
ANCHOR ROD LOCATION



** SIGNALS MAY BE ADJUSTED ±1' - 0" MAXIMUM TO ACCOMMODATE FOR VERTICAL CLEARANCE



6 BOLT ARM CONNECTION DETAIL



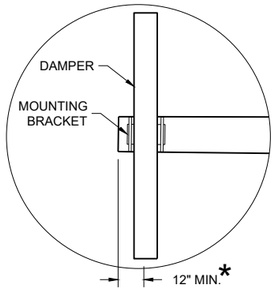
RECOMMENDED BOLT ASSEMBLY DETAIL

TYPE 9 SPECIAL POLE
35' MONOTUBE ARM
(MAXIMUM LOAD)

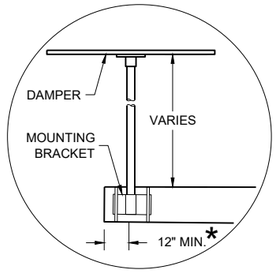
TYPE 9 SPECIAL POLE
35' MONOTUBE ARM

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

SDD 09E08-10b

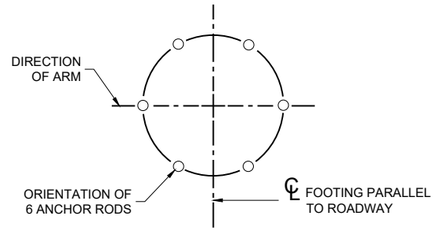


DUMBBELL VIBRATION DAMPER

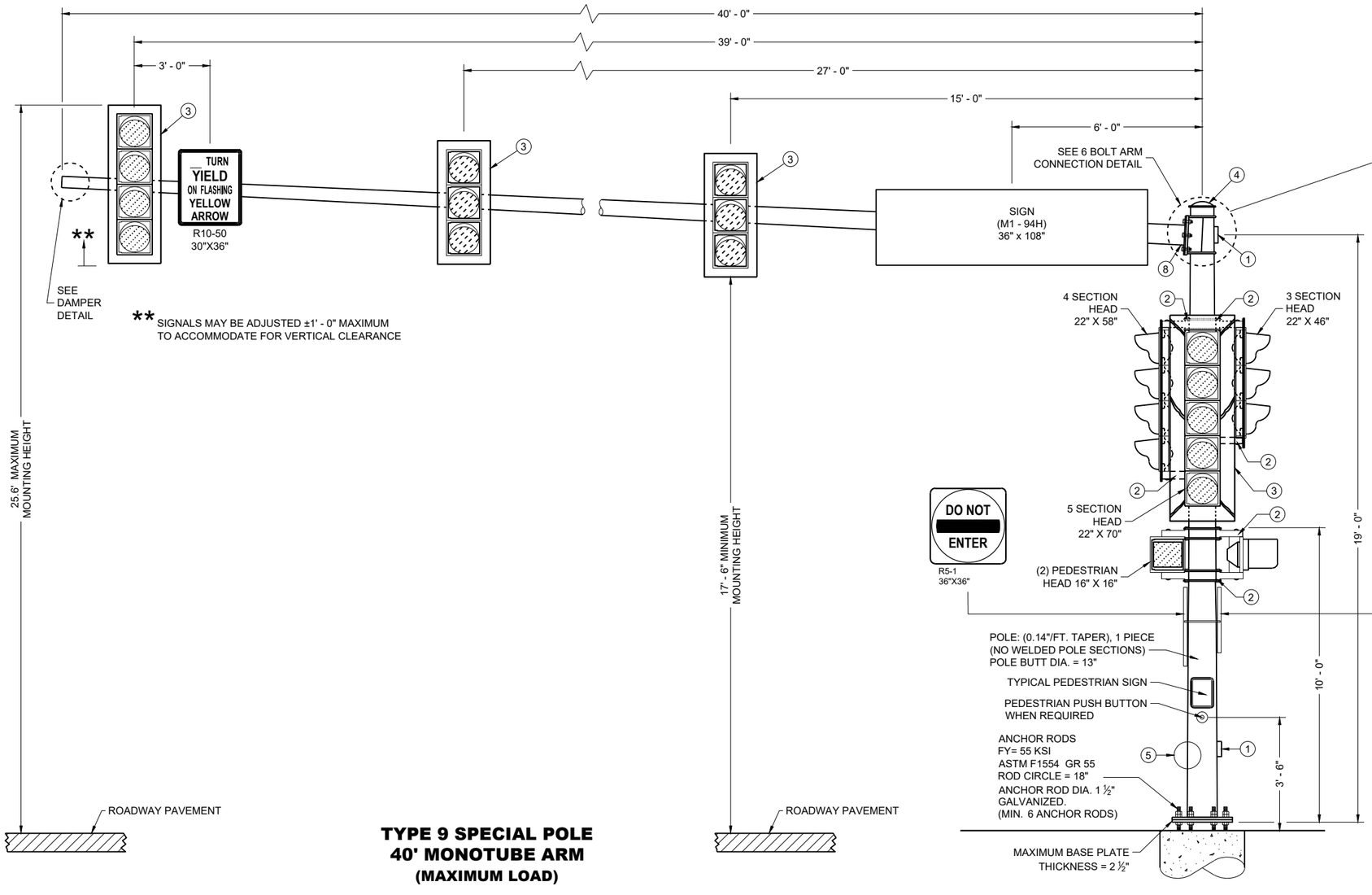


FLAT VIBRATION DAMPER

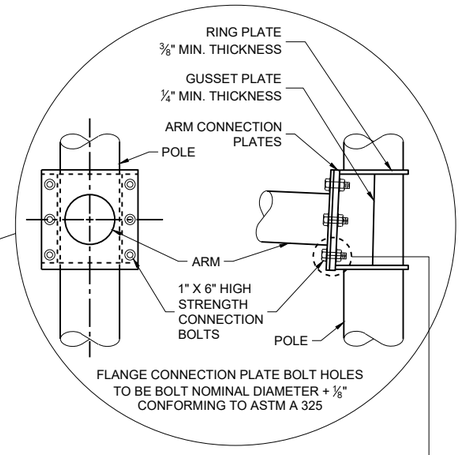
* MOUNT AS CLOSE TO END OF MAST ARM FOR MAXIMUM DAMPING PER MANUFACTURER'S RECOMMENDATIONS.



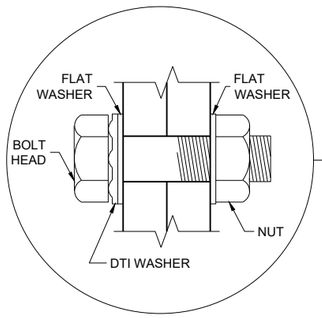
ANCHOR ROD LOCATION



TYPE 9 SPECIAL POLE
40' MONOTUBE ARM
(MAXIMUM LOAD)



6 BOLT ARM CONNECTION DETAIL

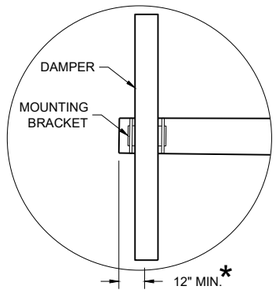


RECOMMENDED BOLT ASSEMBLY DETAIL

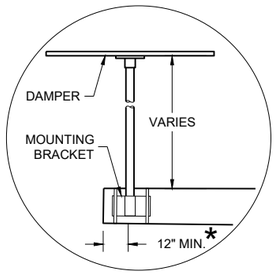
TYPE 9 SPECIAL POLE
40' MONOTUBE ARM

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

SDD 09E08-10c

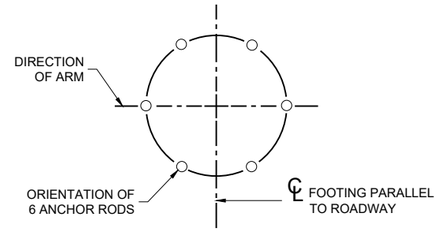


DUMBBELL VIBRATION DAMPER

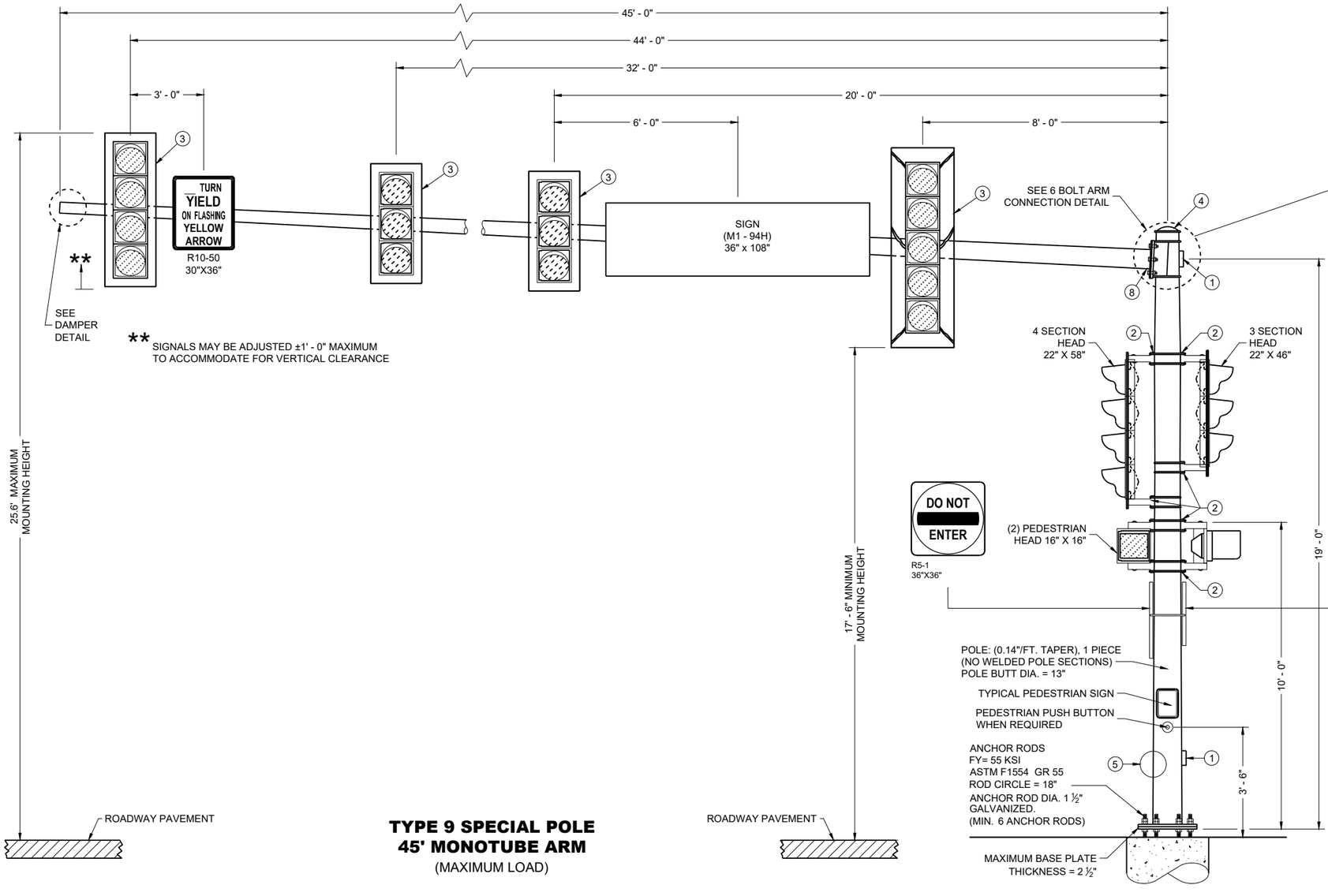


FLAT VIBRATION DAMPER

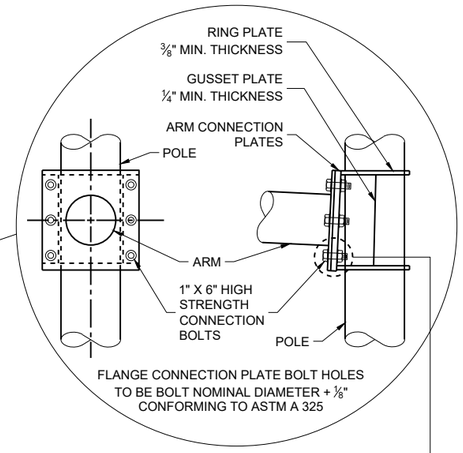
* MOUNT AS CLOSE TO END OF MAST ARM FOR MAXIMUM DAMPING PER MANUFACTURER'S RECOMMENDATIONS.



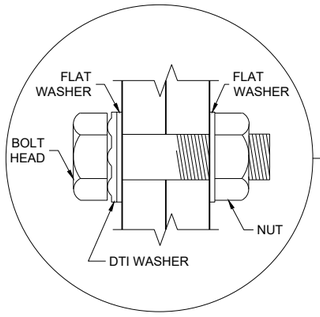
ANCHOR ROD LOCATION



TYPE 9 SPECIAL POLE
45' MONOTUBE ARM
(MAXIMUM LOAD)



6 BOLT ARM CONNECTION DETAIL

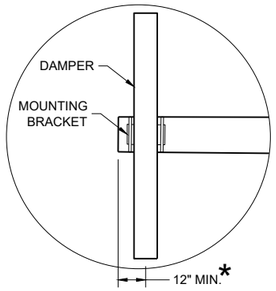


RECOMMENDED BOLT ASSEMBLY DETAIL

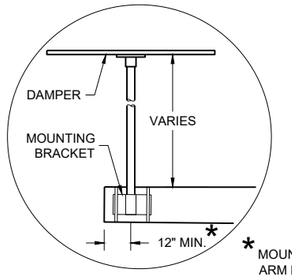
TYPE 9 SPECIAL POLE
45' MONOTUBE ARM

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

SDD 09E08-10d

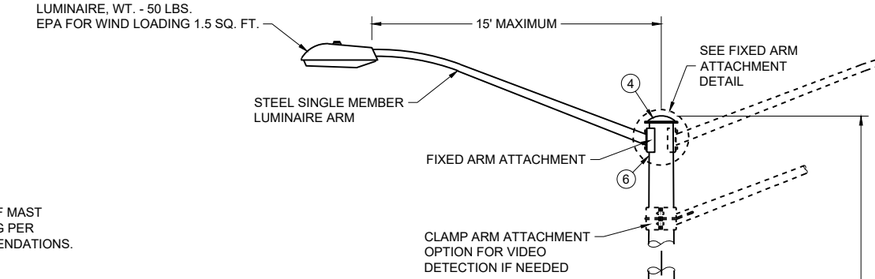


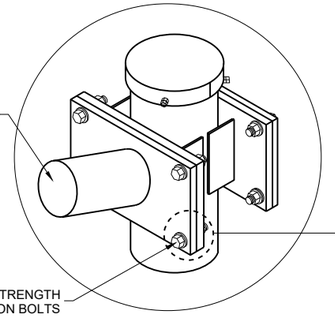
DUMBBELL VIBRATION DAMPER



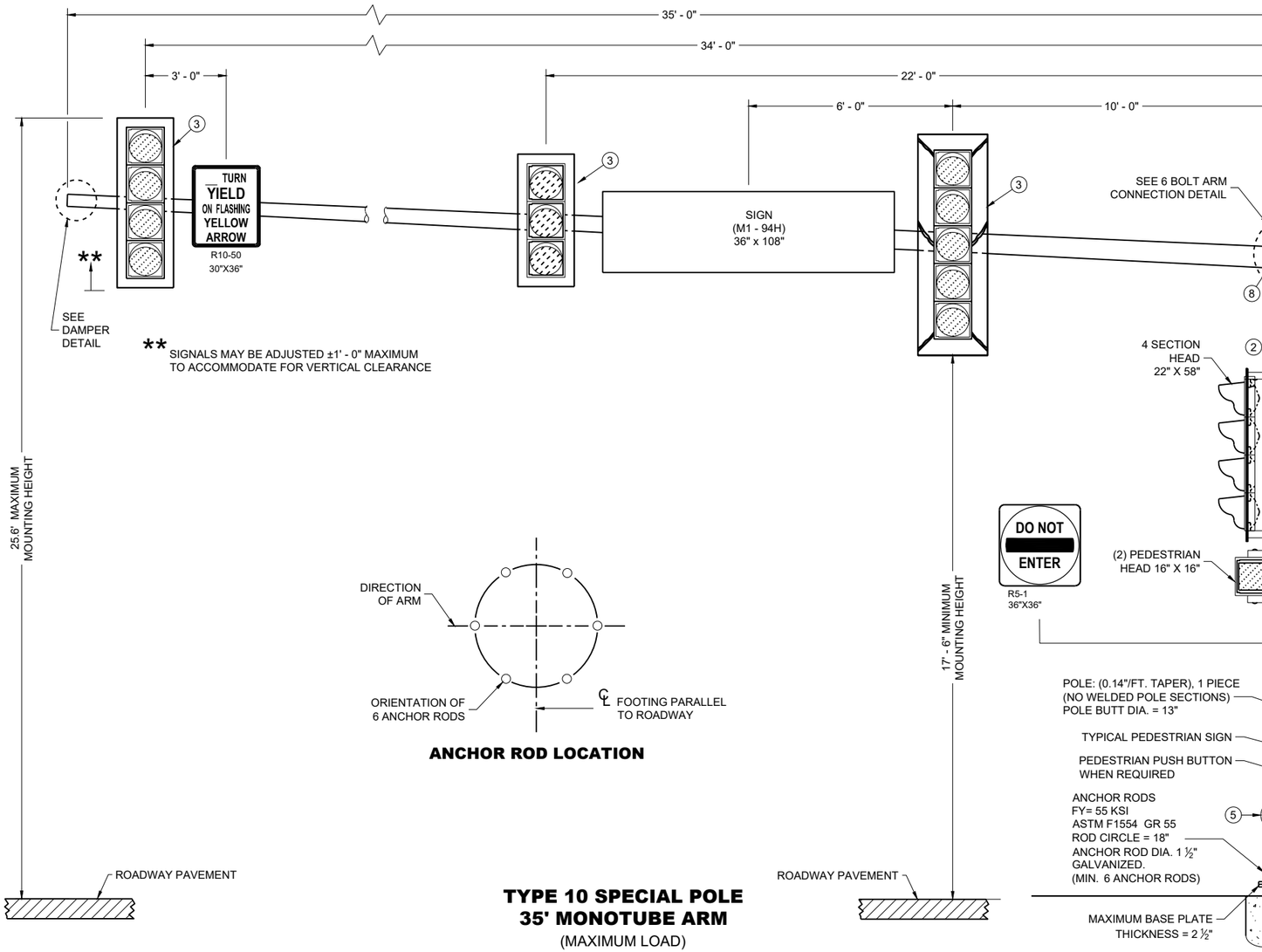
FLAT VIBRATION DAMPER

* MOUNT AS CLOSE TO END OF MAST ARM FOR MAXIMUM DAMPING PER MANUFACTURER'S RECOMMENDATIONS.



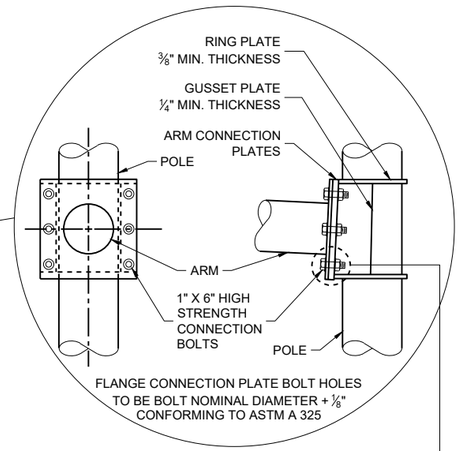


FIXED ARM ATTACHMENT DETAIL

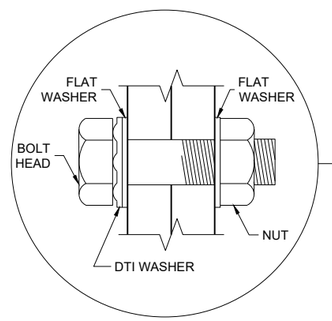


TYPE 10 SPECIAL POLE
35' MONOTUBE ARM
(MAXIMUM LOAD)

ANCHOR ROD LOCATION



6 BOLT ARM CONNECTION DETAIL



RECOMMENDED BOLT ASSEMBLY DETAIL

TYPE 10 SPECIAL POLE
35' MONOTUBE ARM

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

SDD 09E08-10f

GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

POLE TYPES 9 AND 10 ARE FOR ARM LENGTHS 15 FOOT TO 30 FOOT.

POLE TYPES 9 SPECIAL AND 10 SPECIAL ARE FOR ARM LENGTHS 35 FOOT, 40 FOOT, AND 45 FOOT.

POLE TYPES 12 AND 13 ARE FOR ARM LENGTHS 35 FOOT TO 55 FOOT.

MONOTUBE POLES AND ARMS SHALL BE GALVANIZED STEEL.

RING STIFFENED BUILT UP BOX TYPE OF ATTACHMENT FOR TRAFFIC SIGNAL ARM.

ONE PIECE POLE CONSTRUCTION (NO WELDED POLE SECTIONS).

STANDARD STRAIGHT ARM DESIGN (3% ± RISE).

SECTION 657, POLES OF THE STANDARD SPECIFICATION SHALL APPLY TO THIS DRAWING.

PROVIDE WIREWAY THRU POLE WALL AND ARM CONNECTION PLATES. PROVIDE ROUND, SMOOTH INSIDE SURFACE.

MANUFACTURER'S SUBMITTED POLE DESIGNS AND DRAWINGS SHALL BE SIGNED AND STAMPED BY A REGISTERED PROFESSIONAL ENGINEER AND CERTIFIED AS BEING IN COMPLIANCE WITH THE AASHTO "LRFD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNAL 2015 1ST EDITION (INCLUDING INTERIM REVISIONS)" AND ALL PERTINENT WISDOT SPECIFICATIONS AND DRAWINGS FOR THE LIGHTING STRUCTURES AS FOLLOWS:

CATEGORY III FATIGUE LOADS OF GALLOPING, TRUCK GUSTS (AT 45 MPH VEHICLE VELOCITY) AND NATURAL WIND GUSTS FOR DESIGN OF TYPE 9 AND TYPE 10 STRUCTURES.

CATEGORY II FATIGUE LOADS OF TRUCK GUSTS (AT 45 MPH VEHICLE VELOCITY) AND NATURAL WIND GUSTS FOR DESIGN OF TYPE 9 SPECIAL AND TYPE 10 SPECIAL STRUCTURES. IN LIEU OF DESIGNING FOR GALLOPING, A VIBRATION DAMPER MITIGATION DEVICE IS REQUIRED TO BE SUPPLIED AND INSTALLED AT THE END OF THE MAST ARM.

CATEGORY II FATIGUE FATIGUE LOADS OF GALLOPING, TRUCK GUSTS (AT 45 MPH VEHICLE VELOCITY) AND NATURAL WIND GUSTS FOR DESIGN OF TYPE12 AND TYPE 13 STRUCTURES.

115 MPH (700 YEAR MRI BASIC WIND SPEED).

SECURE THE OPENING BELOW THE BASE PLATE WITH STAINLESS STEEL OR GALVANIZED STEEL MESH AND SECURE THE MESH WITH ¾" STAINLESS STEEL BANDING AROUND THE LEVELING NUTS.

INDENT PRINT (NOMINAL ½" HIGH) THE POLE LENGTH AND FIRST TWO LETTERS OF THE MANUFACTURERS NAME ON TWO SIDES OF THE BASE PLATE 180 DEGREES APART, BEFORE GALVANIZING. THE ARM SHALL BE IDENTIFIED WITH THE SAME INFORMATION BY INDENT PRINT.

SIGNAL FACE SHALL BE MOUNTED 6 INCHES (NOMINAL) FROM THE END OF THE MONOTUBE ARM OR AS SHOWN ON THE PLAN CONSTRUCTION DETAIL OR A S DIRECTED BY THE PROJECT ENGINEER/ELECTRICAL OPERATIONS PERSONNEL. MOUNT ALL LIKE HEAD AT SAME ELEVATION.

SIGN MOUNTING BRACKETS SHALL BE FURNISHED IN ACCORDANCE WITH SECTION 637 OF THE STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION.

(1) DESIGN FOR MAXIMUM ALLOWABLE HAND HOLE WITH COVER ASSEMBLY WITH TWO ¼" X ¾" - 20 TPI STAINLESS STEEL HEX HEAD BOLTS.

(2) SIGNAL MOUNTING BRACKETS FOR POLE MOUNTING, MOUNT WITH CAP SCREW AND BANDING (SEE SPECIFICATION SECTION 658).

(3) SECURELY MOUNT BACK PLATES, PROJECTING 5" BEYOND ALL SIDES OF THE SIGNAL FACE HOUSING, PER MANUFACTURERS RECOMMENDATIONS.

(4) THE TOP OF THE POLE SHAFT AND THE MONOTUBE ARM SHALL BE EQUIPPED WITH A REMOVABLE, VENTILATED CAP HELD SECURELY IN PLACE WITH SET SCREWS.

(5) FACTORY WELDED BRACKET FOR GROUNDING LUG, OPPOSITE HAND HOLD, (LUG AND HARDWARE PAID UNDER SEPARATE ITEM). PROVIDE HOLE IN BRACKET FOR ¼" X ¾" - 20 TPI STAINLESS STEEL HEX HEAD BOLT.

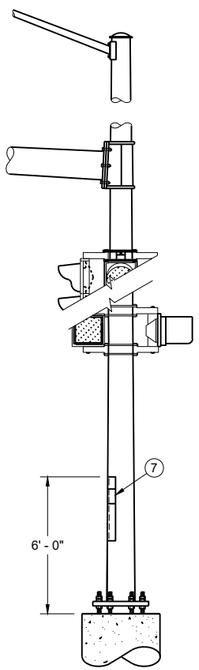
(6) FACTORY WELDED "J" HOOK FOR STRAIN RELIEF FOR POLE LUMINAIRE WIRE.

(7) INSTALL STRUCTURAL IDENTIFICATION PLAQUES.

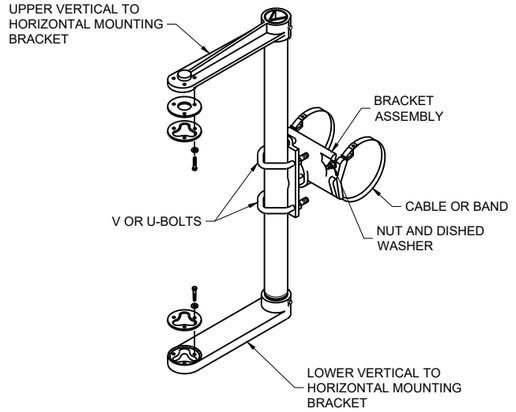
STRUCTURAL IDENTIFICATION PLAQUES SHALL BE PLACED ON THE POLES IN THE SAME DIRECTION AS THE ARM.

MOUNTING HEIGHT SHALL BE 6' - 0" ABOVE THE CURB OR SHOULDER. ADJUST IF IT IS KNOWN THAT REQUIRED TRAFFIC SIGNS WILL BE OBSTRUCTED.

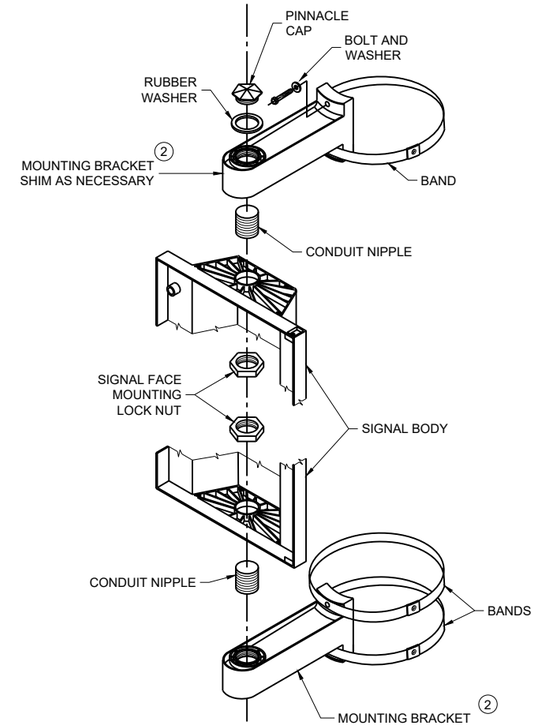
(8) FACTORY DRILLED ½" DRAIN HOLE 2" FROM FLANGE CONNECTION PLATE.



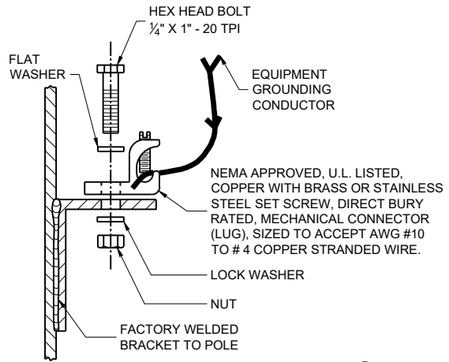
STRUCTURAL IDENTIFICATION PLAQUE PLACEMENT



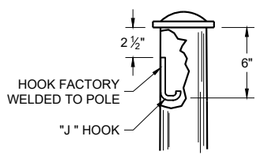
SIGNAL FACE MOUNTING BRACKET DETAIL FOR MONOTUBE ARM
(MOUNT PER MANFACTURER'S RECOMMENDATION)



SIGNAL FACE VERTICAL MOUNTING DETAIL



TYPICAL GROUNDING (5) CONNECTIONS
NUT, BOLT AND WASHERS SHALL BE STAINLESS STEEL



TYPICAL "J" HOOK WIRE SUPPORT (6)

GENERAL NOTES AND HARDWARE FOR TYPES 9,10, 9/10 SPECIAL, 12 AND 13 POLES WITH MONOTUBE ARMS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2026
DATE

/S/ Ahmet Demirbilek
STATE ELECTRICAL ENGINEER

FHWA

6

SDD 09E08-10k

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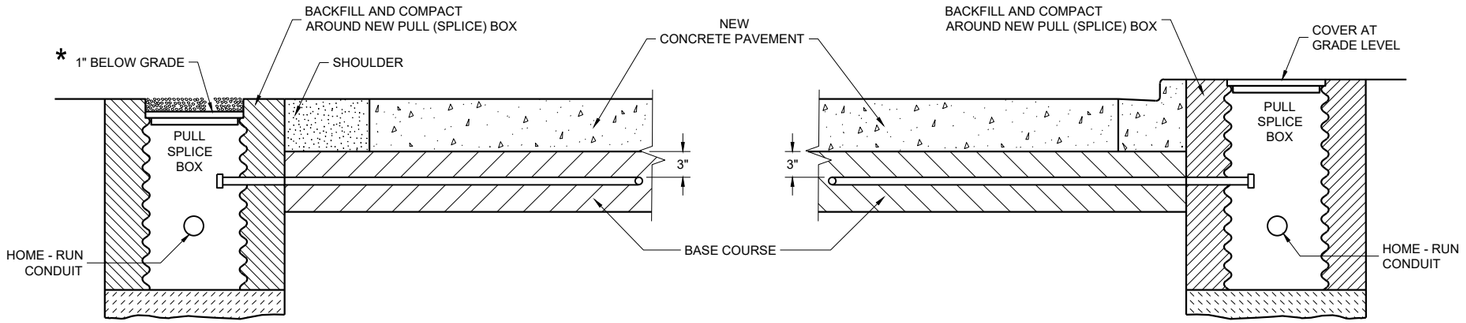
SDD 09E08-10k



SECTION A - A
NO CURB AND GUTTER

SECTION B - B
CURB AND GUTTER

* RECESS PULL (SPLICE) BOX SO THAT THE COVER IS 3" BELOW GRADE IN SHOULDER AREAS OF CRUSHED AGGREGATE. BACKFILL OVER COVER WITH THE CRUSHED AGGREGATE TO BRING THE AREA TO GRADE LEVEL.

LOOP DETECTOR INSTALLATION DETAIL

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

PITCH LEAD OUT CONDUIT TO DRAIN TO ROADSIDE PULL (SPLICE) BOX.

LOOP SIZE, LOCATION, NUMBER OF TURNS OF WIRE AND ASSOCIATED SIGNAL PHASE SHALL BE AS SHOWN ON THE PLANS.

SPLICES SHALL BE INSTALLED BY USING CAST IN PLACE SPLICE KITS LISTED ON THE DEPARTMENTS APPROVED PRODUCTS LIST OR AN ENGINEER APPROVED EQUAL. NON-INSULATED BUTT SPLICES TO FIT #12 AWG STRANDED WIRE SHALL BE USED. SPLICES SHALL BE SOLDERED AND INSULATED FROM EACH OTHER AS PER INSTRUCTIONS INCLUDED IN THE SPLICE KIT.

MEASURE GROUND RESISTANCE USING A MEGGER. REPLACE LOOP WIRE NOT ATTAINING A READING OF INFINITY TO GROUND.

AFTER SPLICING THE LOOP WIRE TO THE LOOP LEAD-IN CABLE, THE CONTRACTOR SHALL MEASURE INDUCTANCE, GROUND RESISTANCE AND WIRE RESISTANCE AT THE CABINET END OF THE LEAD-IN CABLE AND FURNISH A COPY OF THE READING TO THE PROJECT ENGINEER FOR EVALUATION.

LOOP DETECTOR LEADS SHALL BE IDENTIFIED WITH THEIR ASSOCIATED LOOP BY USE OF WATERPROOF TAGS AT BOTH ENDS OF THE CABLE. A LISTING OF THE CABLE IDENTIFICATION PER INDIVIDUAL LOOP LEAD-IN SHALL BE PLACED IN THE CABINET.

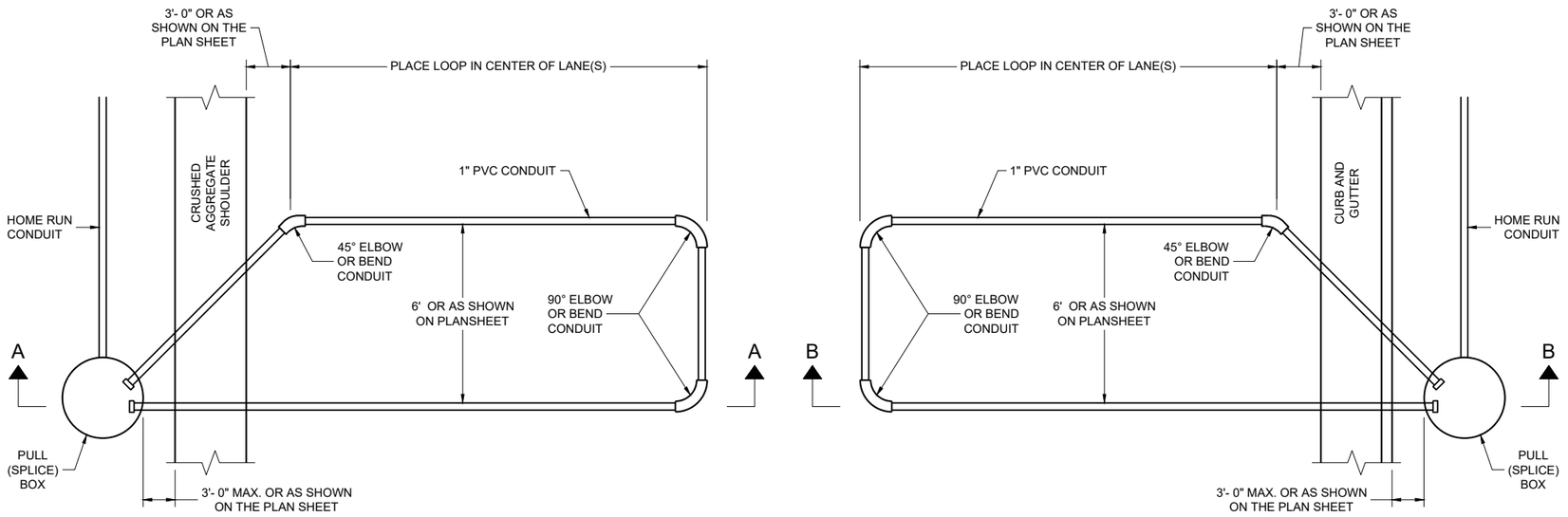
THE #12 AWG LOOP WIRE IN THE ROADSIDE PULL (SPLICE) BOX SHALL BE HAND TWISTED AT LEAST 3 TWISTS PER FOOT BEFORE BEING SPLICED TO THE LOOP LEAD-IN CABLE.

SPLICES OF LOOP WIRE TO LEAD-IN CABLE SHALL BE MADE ONLY IN PULL (SPLICE) BOXES AT THE SIDE OF THE ROAD.

THE #12 AWG LOOP WIRE SHALL BE INSTALLED FROM THE ROADSIDE PULL (SPLICE) BOX, THROUGH THE LOOP CONDUIT, BACK TO THE ROADSIDE PULL (SPLICE) BOX, AND BE INSTALLED IN ONE NON-SPLICED, CONTINUOUS LENGTH.

PROTECTION OF THE CONDUIT IN THE BASE COURSE SHALL BE REQUIRED AFTER INSTALLATION AND BEFORE NEW PAVEMENT IS INSTALLED.

SHOULD INSTALLATION REPAIR BE REQUIRED, IT SHALL BE DONE UNDER THE DIRECTION OF THE PROJECT ENGINEER.



TYPICAL PLAN LOOP DETECTOR
WITH 18" OR 24" PULL (SPLICE) BOX

6

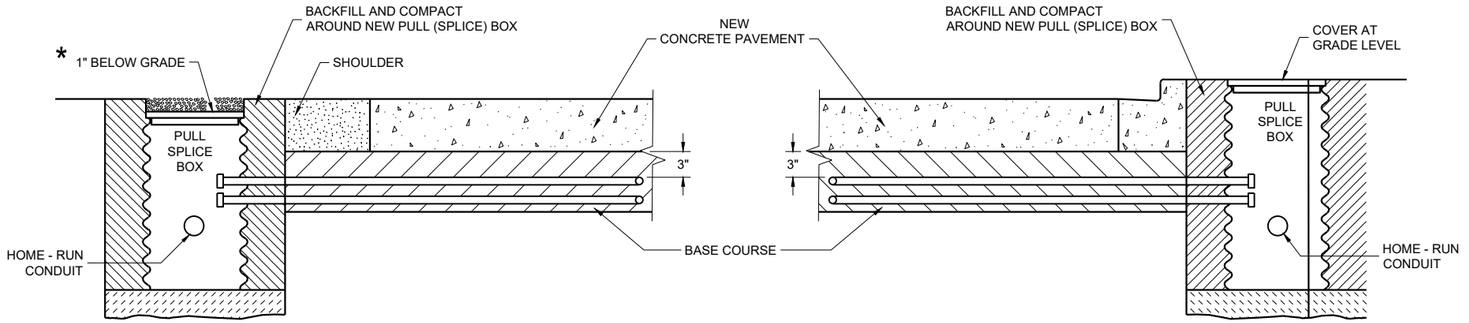
SDD 09F15-05a

LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 09F15-05a



SECTION A - A
NO CURB AND GUTTER

SECTION B - B
CURB AND GUTTER

* RECESS PULL (SPLICE) BOX SO THAT THE COVER IS 3" BELOW GRADE IN SHOULDER AREAS OF CRUSHED AGGREGATE. BACKFILL OVER COVER WITH THE CRUSHED AGGREGATE TO BRING THE AREA TO GRADE LEVEL.

LOOP DETECTOR INSTALLATION DETAIL

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

PITCH LEAD OUT CONDUIT TO DRAIN TO ROADSIDE PULL (SPLICE) BOX.

LOOP SIZE, LOCATION, NUMBER OF TURNS OF WIRE AND ASSOCIATED SIGNAL PHASE SHALL BE AS SHOWN ON THE PLANS.

SPLICES SHALL BE INSTALLED BY USING CAST IN PLACE SPLICE KITS LISTED ON THE DEPARTMENTS APPROVED PRODUCTS LIST OR AN ENGINEER APPROVED EQUAL. NON-INSULATED BUTT SPLICES TO FIT #12 AWG STRANDED WIRE SHALL BE USED. SPLICES SHALL BE SOLDERED AND INSULATED FROM EACH OTHER AS PER INSTRUCTIONS INCLUDED IN THE SPLICE KIT.

MEASURE GROUND RESISTANCE USING A MEGGER. REPLACE LOOP WIRE NOT ATTAINING A READING OF INFINITY TO GROUND.

AFTER SPLICING THE LOOP WIRE TO THE LOOP LEAD-IN CABLE, THE CONTRACTOR SHALL MEASURE INDUCTANCE, GROUND RESISTANCE AND WIRE RESISTANCE AT THE CABINET END OF THE LEAD-IN CABLE AND FURNISH A COPY OF THE READING TO THE PROJECT ENGINEER FOR EVALUATION.

LOOP DETECTOR LEADS SHALL BE IDENTIFIED WITH THEIR ASSOCIATED LOOP BY USE OF WATERPROOF TAGS AT BOTH ENDS OF THE CABLE. A LISTING OF THE CABLE IDENTIFICATION PER INDIVIDUAL LOOP LEAD-IN SHALL BE PLACED IN THE CABINET.

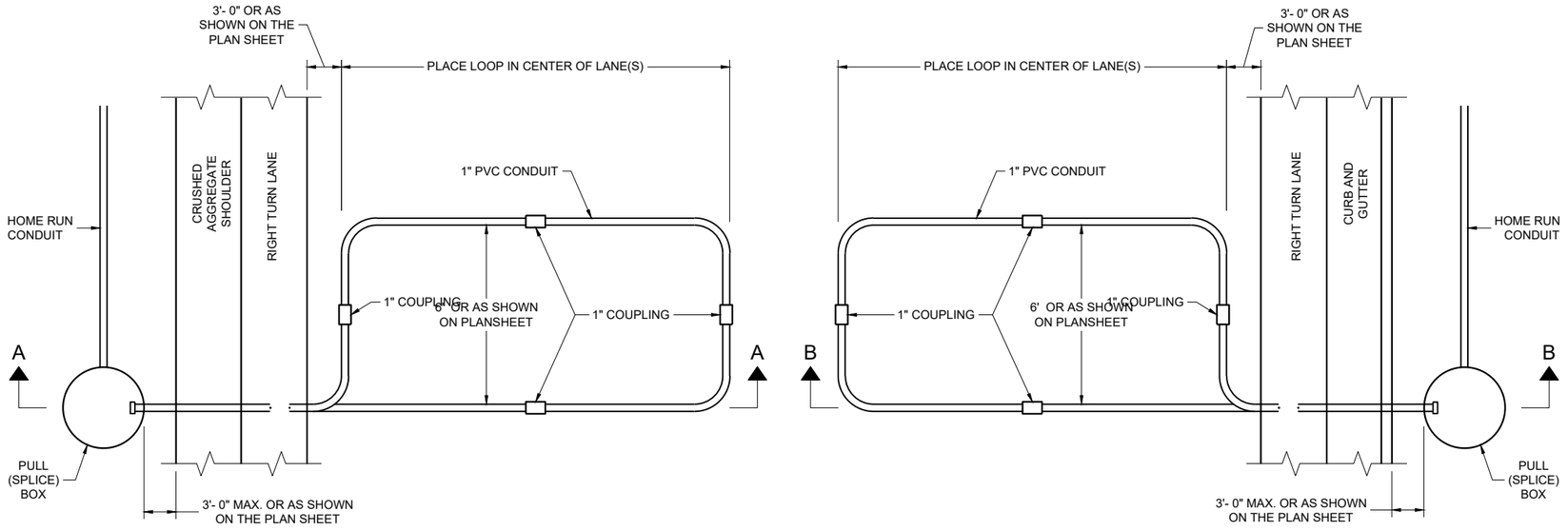
THE #12 AWG LOOP WIRE IN THE PULL (SPLICE) BOX SHALL BE HAND TWISTED AT LEAST 3 TWISTS PER FOOT BEFORE BEING SPLICED TO THE LOOP LEAD-IN CABLE.

SPLICES OF LOOP WIRE TO LEAD-IN CABLE SHALL BE MADE ONLY IN PULL (SPLICE) BOXES AT THE SIDE OF THE ROAD.

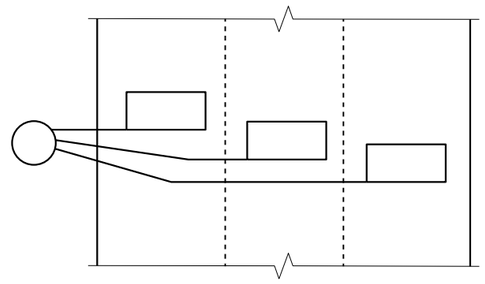
THE #12 AWG LOOP WIRE SHALL BE INSTALLED FROM THE ROADSIDE PULL (SPLICE) BOX, THROUGH THE LOOP CONDUIT, BACK TO THE ROADSIDE PULL (SPLICE) BOX, AND BE INSTALLED IN ONE NON-SPLICED, CONTINUOUS LENGTH.

PROTECTION OF THE CONDUIT IN THE BASE COURSE SHALL BE REQUIRED AFTER INSTALLATION AND BEFORE NEW PAVEMENT IS INSTALLED.

SHOULD INSTALLATION REPAIR BE REQUIRED, IT SHALL BE DONE UNDER THE DIRECTION OF THE PROJECT ENGINEER.



TYPICAL PLAN LOOP DETECTOR
WITH 24" PULL (SPLICE) BOX



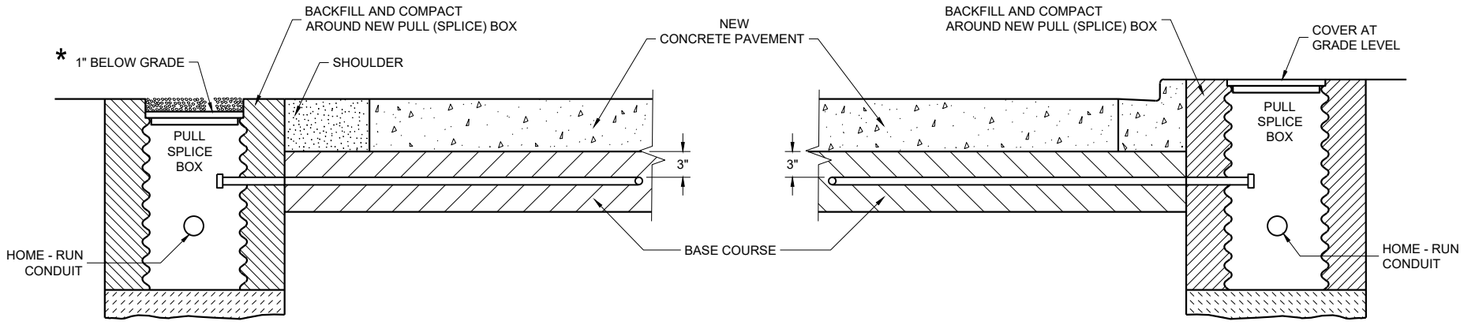
MULTI-LANE
INSTALLATION

LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 09F15-05b



SECTION A - A
NO CURB AND GUTTER

SECTION B - B
CURB AND GUTTER

* RECESS PULL (SPLICE) BOX SO THAT THE COVER IS 3" BELOW GRADE IN SHOULDER AREAS OF CRUSHED AGGREGATE. BACKFILL OVER COVER WITH THE CRUSHED AGGREGATE TO BRING THE AREA TO GRADE LEVEL.

LOOP DETECTOR INSTALLATION DETAIL

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

PITCH LEAD OUT CONDUIT TO DRAIN TO ROADSIDE PULL (SPLICE) BOX.

LOOP SIZE, LOCATION, NUMBER OF TURNS OF WIRE AND ASSOCIATED SIGNAL PHASE SHALL BE AS SHOWN ON THE PLANS.

SPLICES SHALL BE INSTALLED BY USING CAST IN PLACE SPLICE KITS LISTED ON THE DEPARTMENTS APPROVED PRODUCTS LIST OR AN ENGINEER APPROVED EQUAL. NON-INSULATED BUTT SPLICES TO FIT #12 AWG STRANDED WIRE SHALL BE USED. SPLICES SHALL BE SOLDERED AND INSULATED FROM EACH OTHER AS PER INSTRUCTIONS INCLUDED IN THE SPLICE KIT.

MEASURE GROUND RESISTANCE USING A MEGGER. REPLACE LOOP WIRE NOT ATTAINING A READING OF INFINITY TO GROUND.

AFTER SPLICING THE LOOP WIRE TO THE LOOP LEAD-IN CABLE, THE CONTRACTOR SHALL MEASURE INDUCTANCE, GROUND RESISTANCE AND WIRE RESISTANCE AT THE CABINET END OF THE LEAD-IN CABLE AND FURNISH A COPY OF THE READING TO THE PROJECT ENGINEER FOR EVALUATION.

LOOP DETECTOR LEADS SHALL BE IDENTIFIED WITH THEIR ASSOCIATED LOOP BY USE OF WATERPROOF TAGS AT BOTH ENDS OF THE CABLE. A LISTING OF THE CABLE IDENTIFICATION PER INDIVIDUAL LOOP LEAD-IN SHALL BE PLACED IN THE CABINET.

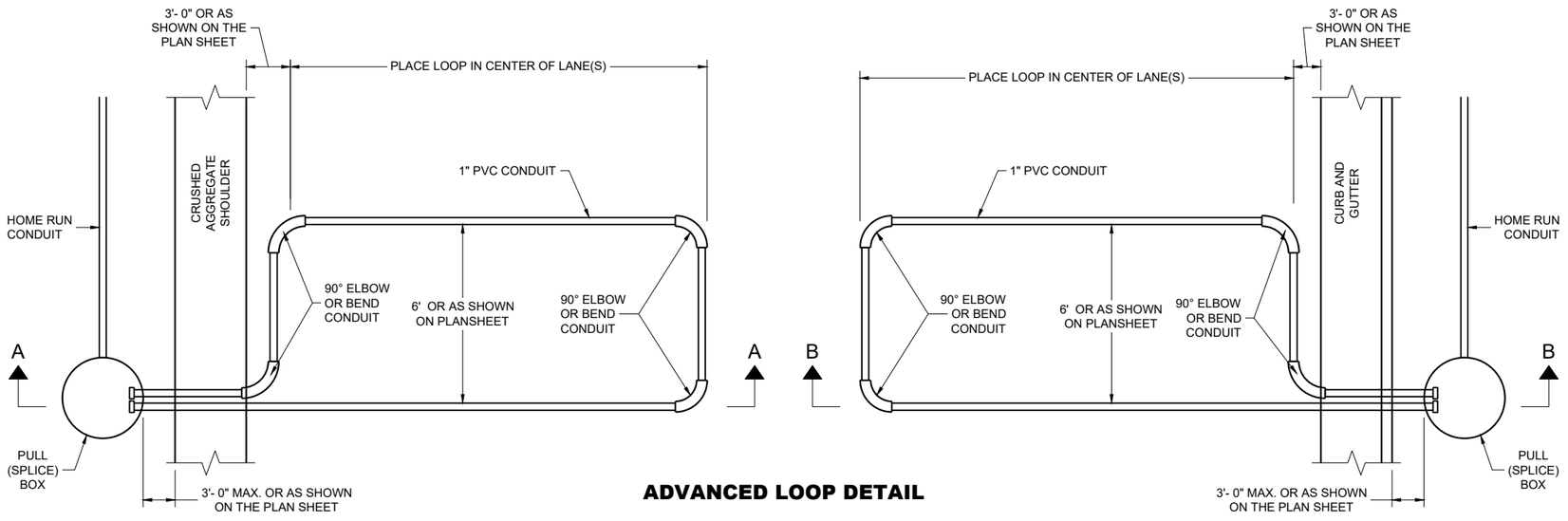
THE #12 AWG LOOP WIRE IN THE ROADSIDE PULL (SPLICE) BOX SHALL BE HAND TWISTED AT LEAST 3 TWISTS PER FOOT BEFORE BEING SPLICED TO THE LOOP LEAD-IN CABLE.

SPLICES OF LOOP WIRE TO LEAD-IN CABLE SHALL BE MADE ONLY IN PULL (SPLICE) BOXES AT THE SIDE OF THE ROAD.

THE #12 AWG LOOP WIRE SHALL BE INSTALLED FROM THE ROADSIDE PULL (SPLICE) BOX, THROUGH THE LOOP CONDUIT, BACK TO THE ROADSIDE PULL (SPLICE) BOX, AND BE INSTALLED IN ONE NON-SPLICED, CONTINUOUS LENGTH.

PROTECTION OF THE CONDUIT IN THE BASE COURSE SHALL BE REQUIRED AFTER INSTALLATION AND BEFORE NEW PAVEMENT IS INSTALLED.

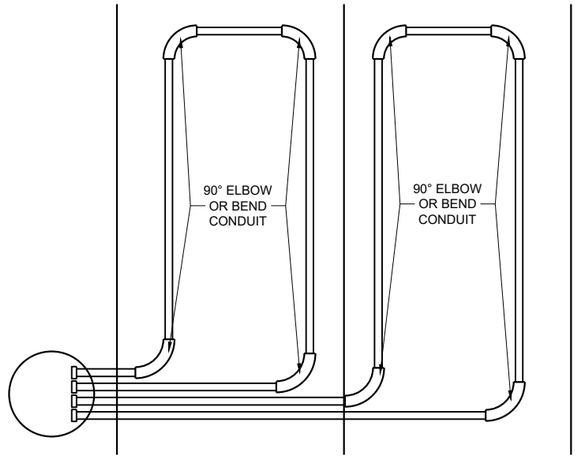
SHOULD INSTALLATION REPAIR BE REQUIRED, IT SHALL BE DONE UNDER THE DIRECTION OF THE PROJECT ENGINEER.



ADVANCED LOOP DETAIL

TYPICAL PLAN LOOP DETECTOR WITH 18" OR 24" PULL (SPLICE) BOX

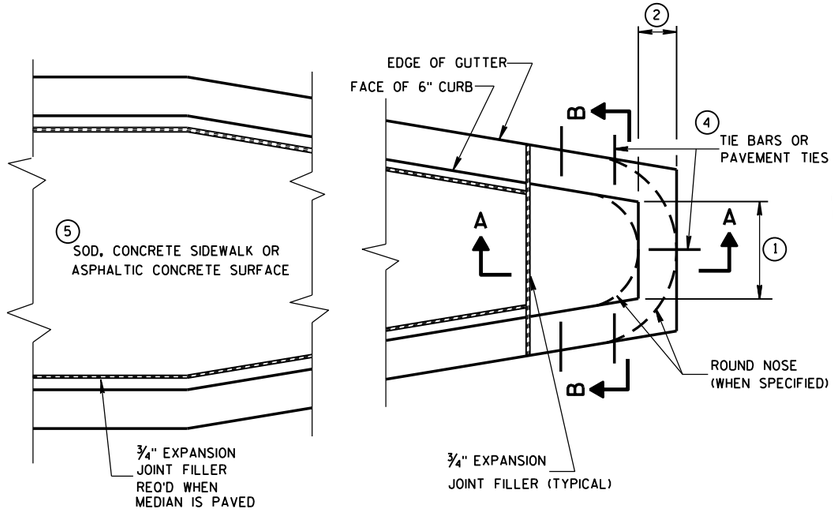
STOP BAR LOOP DETAIL

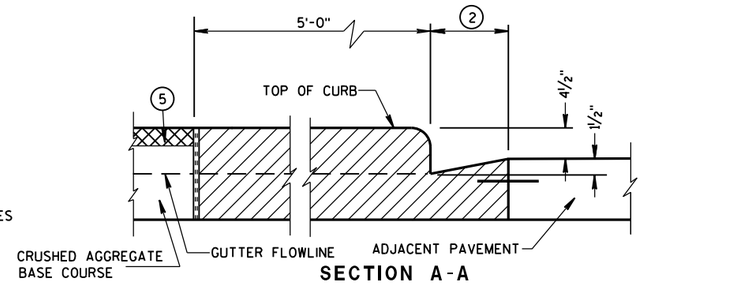


LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 3)

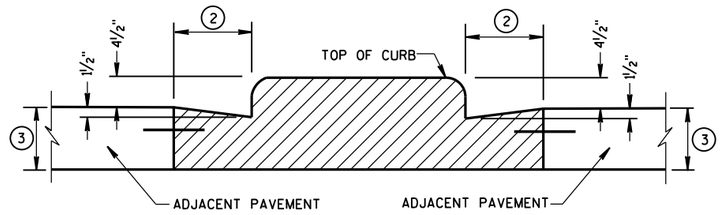
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2026
DATE
/S/ Ahmet Demirbilek
STATE ELECTRICAL ENGINEER
FHWA





SECTION A-A



SECTION B-B

CONCRETE MEDIAN BLUNT NOSE DETAIL

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

(1) SEE PLAN FOR MEDIAN NOSE WIDTH AND RADIUS (FOR ROUND NOSE ALTERNATE).

(2) WIDTH OF GUTTER TO MATCH EXISTING ADJACENT GUTTER OR AS SPECIFIED ELSEWHERE IN THE PLAN.

(3) DEPTH EQUAL TO ADJACENT PAVEMENT. ADJACENT PAVEMENT STRUCTURE DETAILS ARE SHOWN ON THE PLAN. TYPICAL OPTIONS ARE:

(1) NEW OR EXISTING CONCRETE PAVEMENT.

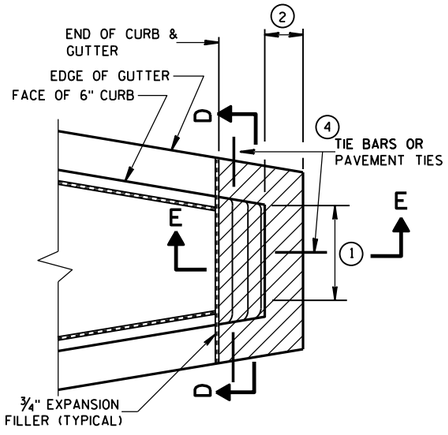
(2) ASPHALTIC CONCRETE PAVEMENT OVER NEW OR EXISTING CONCRETE BASE COURSE.

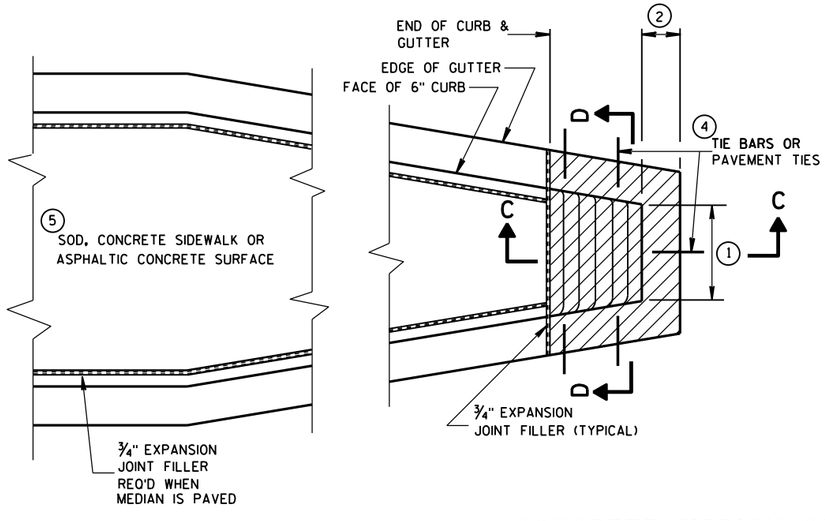
(3) ASPHALTIC CONCRETE PAVEMENT OVER CRUSHED AGGREGATE BASE COURSE.

(4) TIE BARS OR PAVEMENT TIES REQUIRED IN NEW CONCRETE PAVEMENT OR CONCRETE BASE COURSE. TIE BARS SHALL BE NO. 4 X 2'-0" SPACED AT 2'-0" C-C.

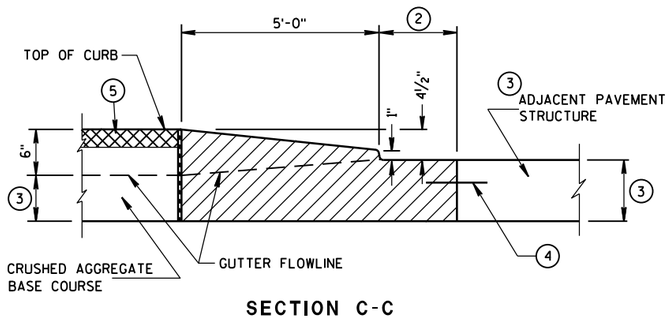
PAVEMENT TIES REQUIRED IN EXISTING CONCRETE BASE COURSE. PAVEMENT TIES SHALL BE NO. 6 X 1'-0" SPACED AT 3'-0" C-C INSTALLED ON A HORIZONTAL SKEW OF 6:1. THE DIRECTION OF SKEW SHALL ALTERNATE AFTER EVERY ONE OR TWO BARS.

(5) SURFACE TYPE AND DETAILS ARE SHOWN ELSEWHERE IN THE PLAN.

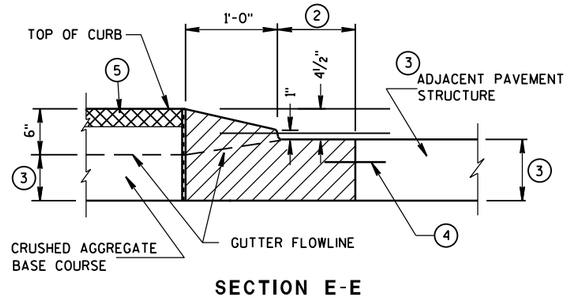




CONCRETE MEDIAN SLOPED NOSE TYPE 1

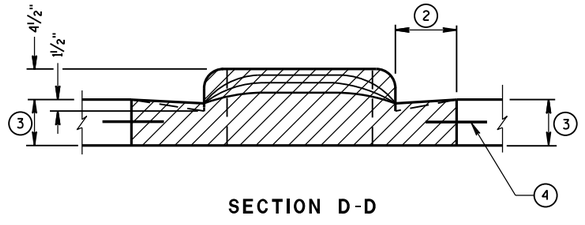


SECTION C-C



SECTION E-E

CONCRETE MEDIAN SLOPED NOSE TYPE 2



SECTION D-D

CONCRETE MEDIAN NOSE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
6/8/2006
DATE
/S/ Jerry H. Zogg
ROADWAY STANDARDS DEVELOPMENT ENGINEER

FHWA

6

S.D.D. 11 B 2-2

6

S.D.D. 11 B 2-2

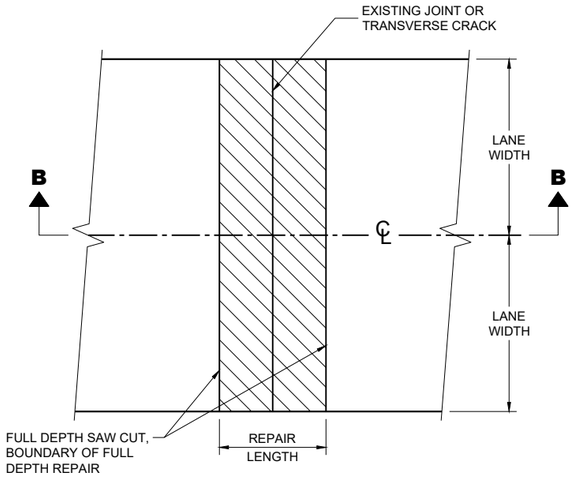
GENERAL NOTES

SAW CUT, DRILL, AND LIFT OUT EXISTING CONCRETE PAVEMENT WITHIN THE BOUNDARIES OF CONCRETE REPAIR AREAS. THE CONTRACTOR MAY MAKE ADDITIONAL SAW CUTS INSIDE THE REPAIR LIMITS TO REDUCE WEIGHT AND SIZE OF CONCRETE PIECES.

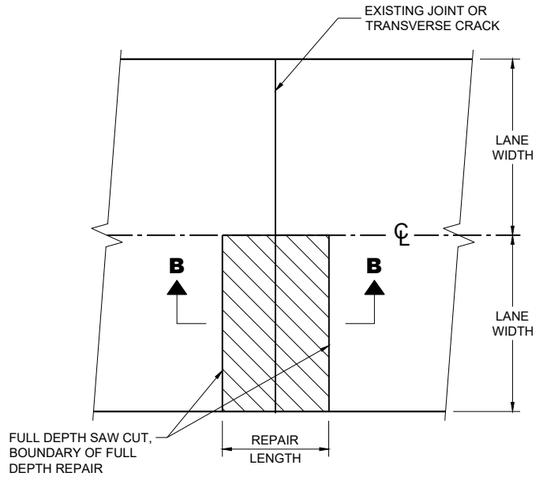
PROVIDE A 6 FOOT MINIMUM DISTANCE FROM BOUNDARIES OF CONCRETE REPAIR AREA TO ADJACENT TRANSVERSE JOINT OR CRACK.

THE LENGTH OF THE REPAIRS MAY VARY FROM THE DIMENSIONS SHOWN IF THE EXISTING CONCRETE PAVEMENT IS NON-DOWELED AND THE PAVEMENT IS TO BE OVERLAID AFTER REPAIRING.

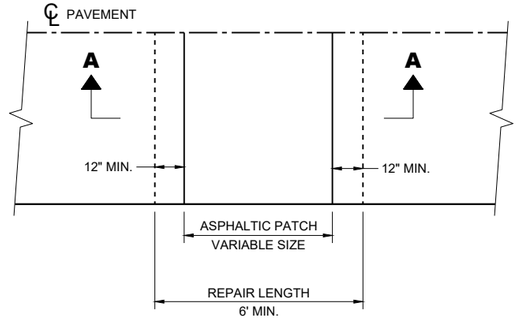
(1) DOWEL BARS MAY NOT BE PRESENT.



PLAN VIEW
(DOUBLE LANE REPAIR)

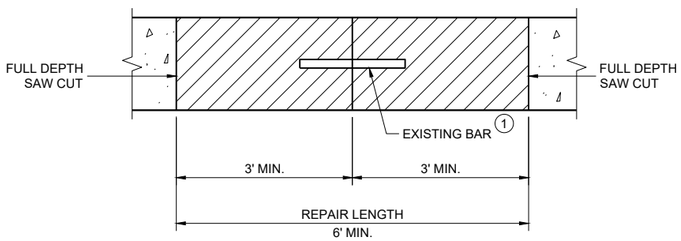


PLAN VIEW
(SINGLE LANE REPAIR)



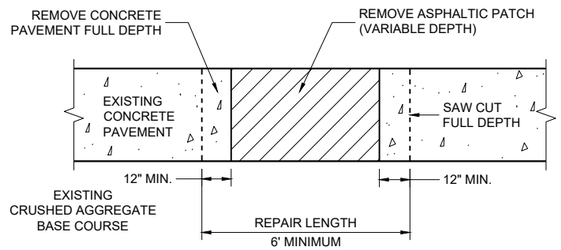
PLAN VIEW

FULL DEPTH CONCRETE PAVEMENT REMOVAL



SECTION B - B

CONCRETE REMOVAL

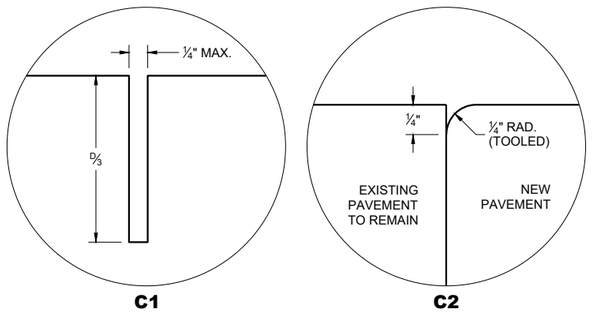


SECTION A - A

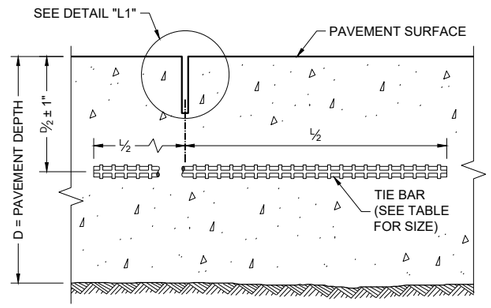
HMA PATCH REMOVAL

CONCRETE PAVEMENT REPAIR AND REPLACEMENT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

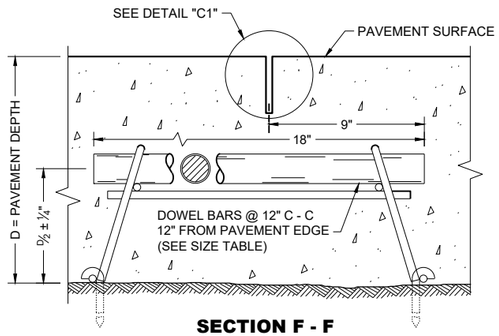


TRANSVERSE JOINTS



SECTION C - C

SAWED LONGITUDINAL JOINT



SECTION F - F

DOWELED CONTRACTION JOINT

GENERAL NOTES

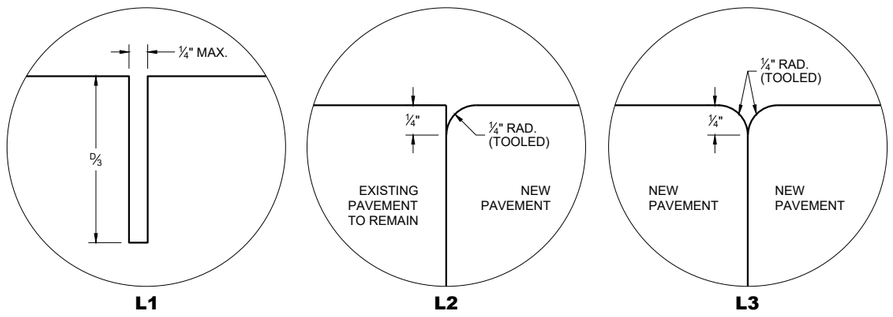
INSTALL DOWEL BARS PARALLEL TO THE PAVEMENT CENTERLINE AND PAVEMENT SURFACE.

CONCRETE PAVEMENT REPAIRS OF EXISTING NON-DOWELED CONCRETE PAVEMENTS DO NOT NEED TO BE DOWELED.

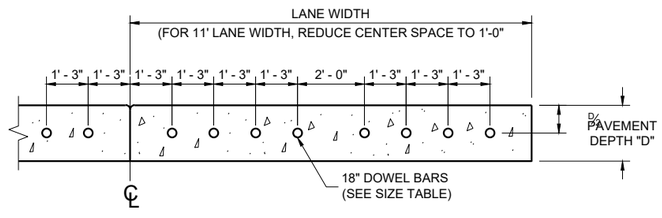
ANCHOR DOWEL BARS AND TIE BARS INTO DRILLED HOLES WITH AN EPOXY.

FOR MULTI-LANE CONCRETE PAVEMENT REPLACEMENTS, PROVIDE A MINIMUM DISTANCE OF 15 INCHES FROM ALL TRANSVERSE JOINTS OR EDGES OF REPLACEMENT TO THE CENTER OF THE TIE BAR NEAREST THAT JOINT OR EDGE.

(1) APPLY A THIN UNIFORM COATING OF SURFACE TREATMENT TO THE FREE END OF DOWEL BARS TO PREVENT BONDING.

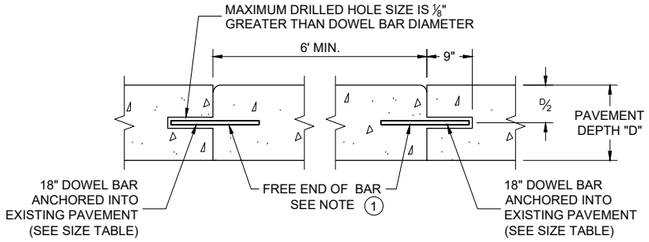


LONGITUDINAL JOINTS



SECTION E - E

DRILLED DOWEL BAR CONSTRUCTION JOINT



SECTION D - D

TIE BAR TABLE

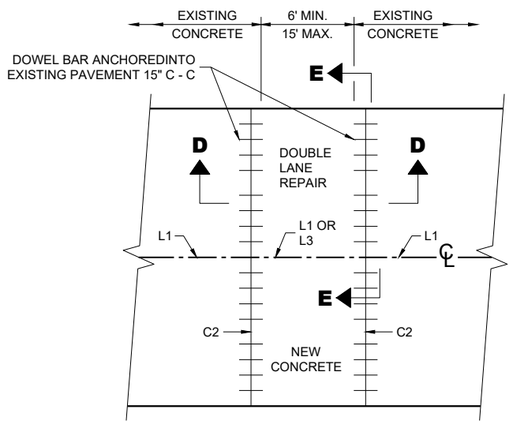
PAVEMENT DEPTH (D)	TIE BAR SIZE	TIE BAR LENGTH (L)	MAX. TIE BAR SPACING
< 10 ½"	NO. 4	30"	36"
≥ 10 ½"	NO. 5	36"	36"
	NO. 4*	30"	24" **

* SUBSTITUTE BENT BARS AT LONGITUDINAL JOINTS WHEN EQUIPMENT LIMITATIONS DURING CONSTRUCTION WARRANT (e.g. AUXILIARY LANES OR TURN LANES)

** CONFORM TO 15" MINIMUM SPACING FROM TRANSVERSE JOINTS; SPACING BETWEEN TIE BARS WILL BE 30" AT TRANSVERSE JOINTS.

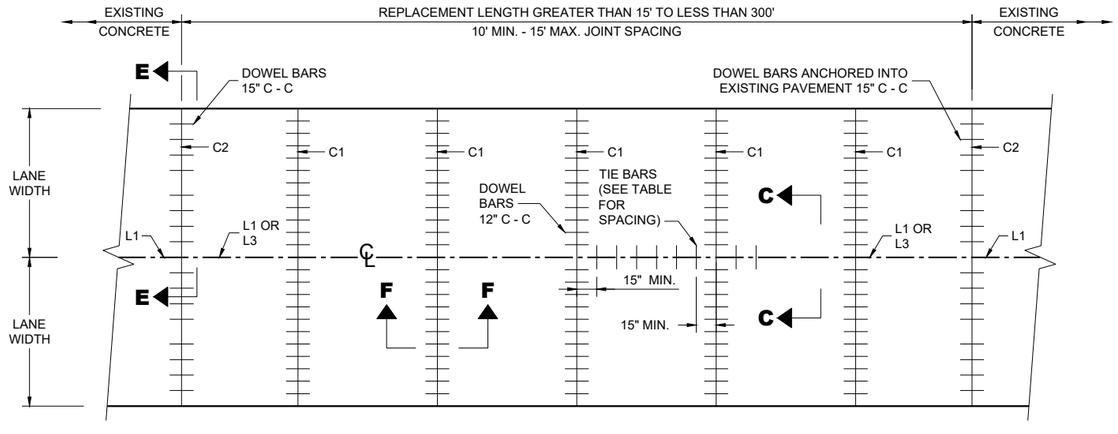
PAVEMENT DEPTH, DOWEL BAR SIZE AND JOINT SPACING TABLE

PAVEMENT DEPTH (D)	DOWEL BAR DIAMETER	DRILLED DOWEL BAR DIAMETER	CONTRACTION JOINT SPACING
6", 6 ½"	NONE	NONE	12'
7", 7 ½"	1"	1"	14'
8" & ABOVE	1 ¼"	1 ¼"	15'



PLAN VIEW

MULTILANE CONCRETE PAVEMENT REPAIR

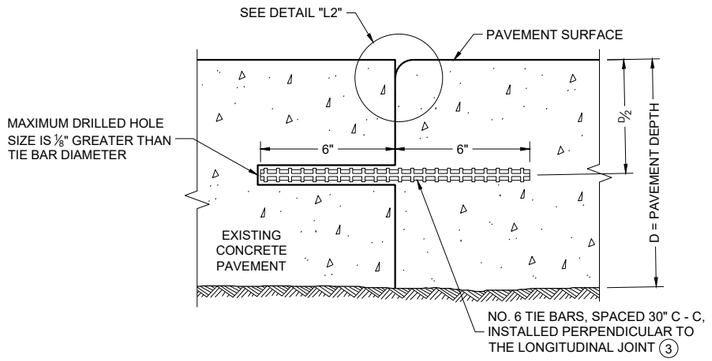


PLAN VIEW

MULTILANE CONCRETE PAVEMENT REPLACEMENT

CONCRETE PAVEMENT REPAIR AND REPLACEMENT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

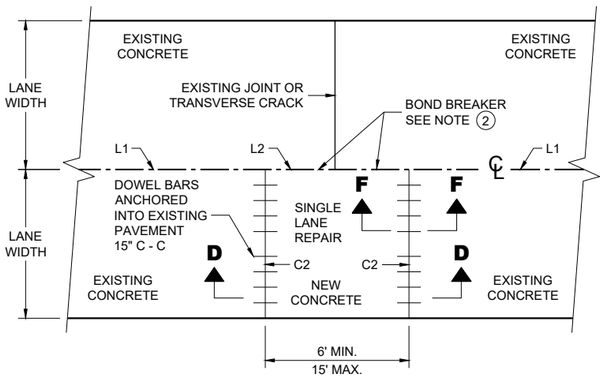


SECTION G - G

TIE BARS ANCHORED INTO EXISTING PAVEMENT

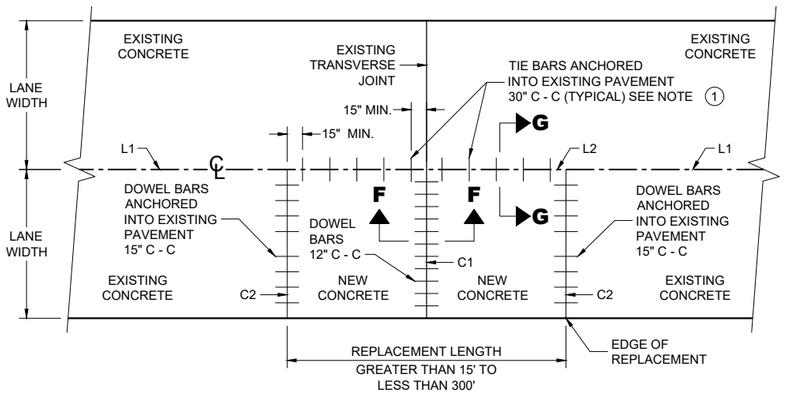
GENERAL NOTES

1. WITH THE APPROVAL OF THE ENGINEER, FOR SINGLE LANE PAVEMENT REPLACEMENTS LESS THAN 30 FEET IN LENGTH, THE CONTRACTOR MAY INSTALL DRILLED TIE BARS ON 6:1 SKEW HORIZONTALLY, DIRECTION OF SKEW ALTERNATING WITH EACH SUCCESSIVE BAR. DRIVE SKEWED TIE BARS TO A DEPTH OF 6 INCHES IN A HOLE OF SUCH A DIAMETER AS TO PROVIDE A TIGHT DRIVEN FIT.
2. USE AN ENGINEER APPROVED BOND BREAKER (E.G. RELEASE AGENT, CURING COMPOUND) FOR SINGLE LANE REPAIRS UP TO 15 FEET IN LENGTH.
3. ANCHOR TIE BARS INTO DRILLED HOLES WITH AN EPOXY.



PLAN VIEW

SINGLE LANE CONCRETE PAVEMENT REPAIR



PLAN VIEW

SINGLE LANE CONCRETE PAVEMENT REPLACEMENT

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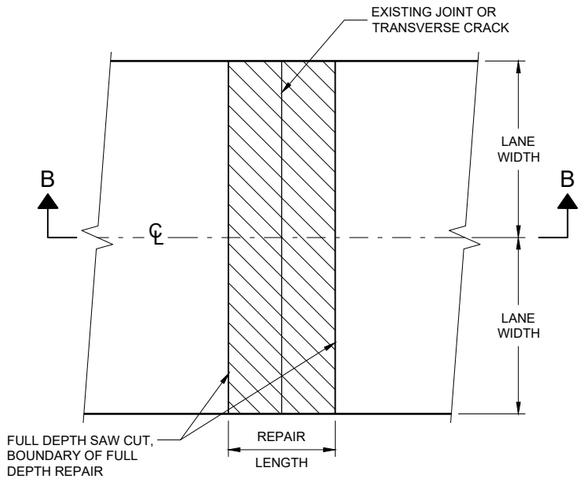
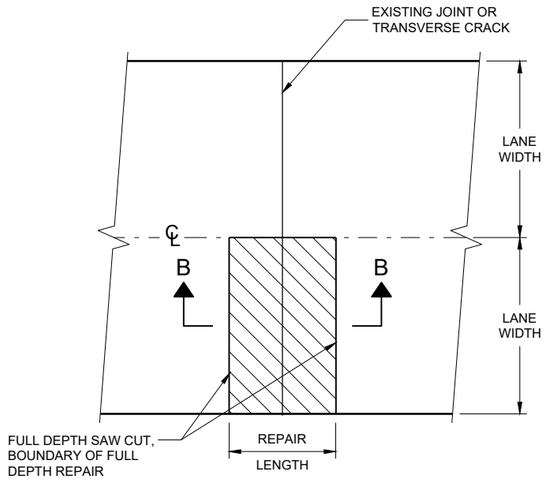
SDD 13C09-18c

CONCRETE REPAIR AND REPLACEMENT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



PLAN VIEW
DOUBLE LANE REPAIR



PLAN VIEW
SINGLE LANE REPAIR

GENERAL NOTES

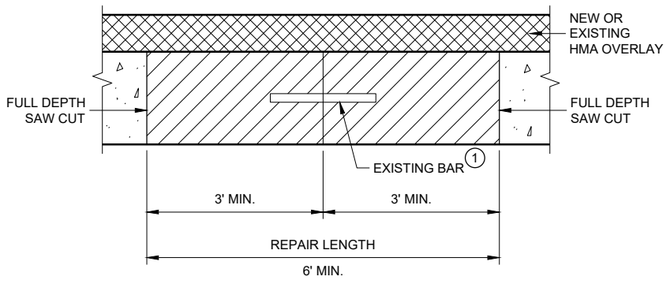
SAW CUT, DRILL, AND LIFT OUT EXISTING CONCRETE PAVEMENT WITHIN THE BOUNDARIES OF CONCRETE REPAIR AREAS. THE CONTRACTOR MAY MAKE ADDITIONAL SAW CUTS INSIDE THE REPAIR LIMITS TO REDUCE WEIGHT AND SIZE OF CONCRETE PIECES.

PROVIDE A 6 FOOT MINIMUM DISTANCE FROM BOUNDARIES OF CONCRETE REPAIR AREA TO ADJACENT TRANSVERSE JOINT OR CRACK.

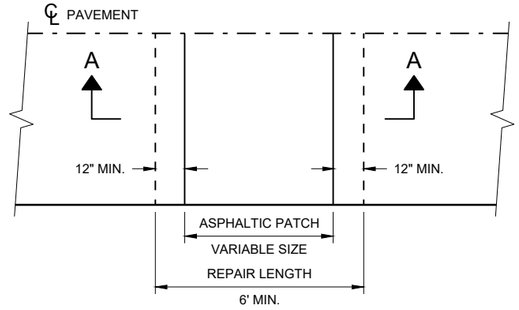
THE LENGTH OF THE REPAIRS MAY VARY FROM THE DIMENSIONS SHOWN IF THE EXISTING CONCRETE PAVEMENT IS NON-DOWELED AND THE PAVEMENT IS TO BE OVERLAID AFTER REPAIRING.

(1) DOWEL BARS MAY NOT BE PRESENT.

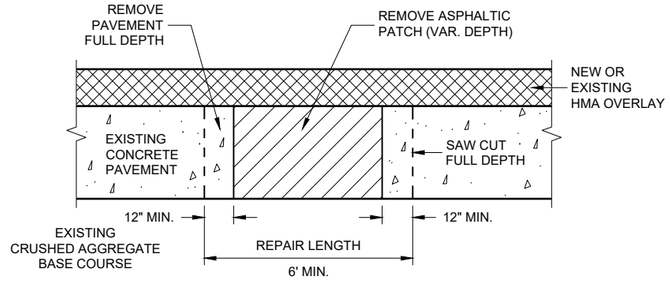
FULL DEPTH CONCRETE PAVEMENT REMOVAL



SECTION B - B
CONCRETE REMOVAL



PLAN VIEW



SECTION A - A

HMA PATCH REMOVAL

BASE PATCHING CONCRETE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTA 630

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SDD 13C14 - 07a

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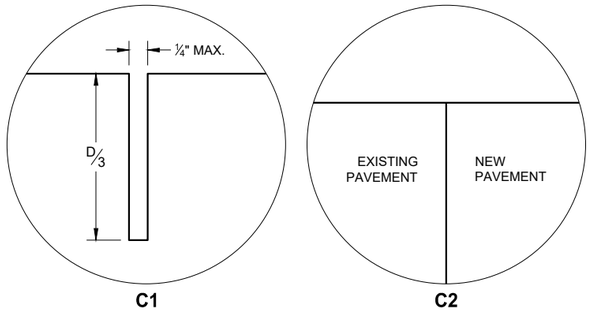
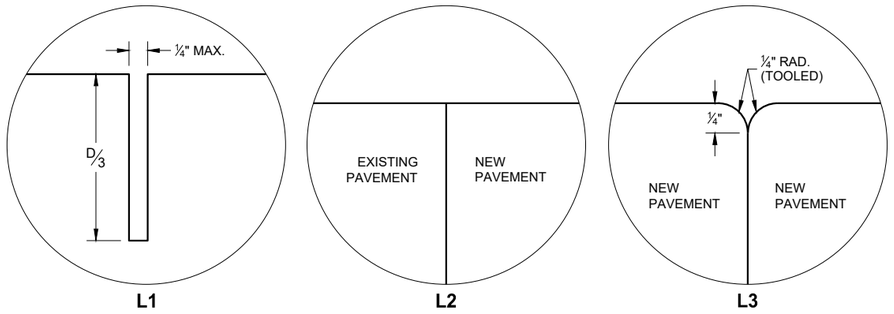
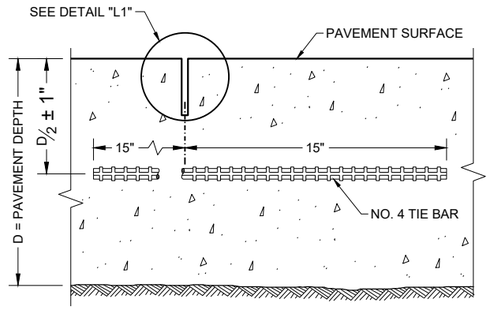
SDD 13C14 - 07a



TRANSVERSE JOINTS

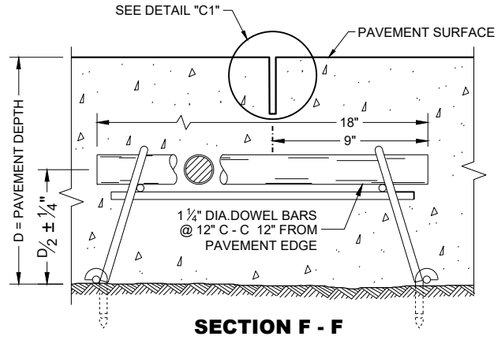


LONGITUDINAL JOINTS



SECTION C - C

SAWED LONGITUDINAL JOINT



SECTION F - F

CONTRACTION JOINT

GENERAL NOTES

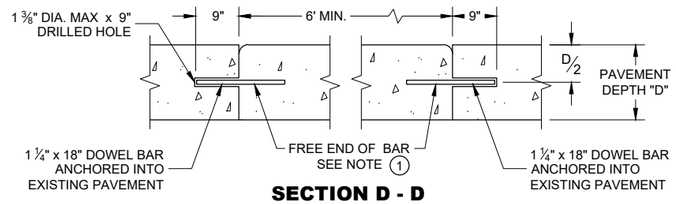
INSTALL DOWEL BARS PARALLEL TO THE PAVEMENT CENTERLINE AND PAVEMENT SURFACE.

CONCRETE BASE PATCHES OF EXISTING NON-DOWELED CONCRETE PAVEMENTS DO NOT NEED TO BE DOWELED.

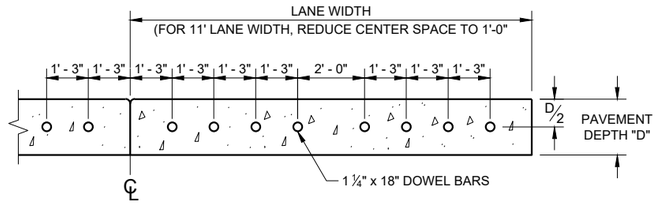
ANCHOR DOWEL BARS AND TIE BARS INTO DRILLED HOLES WITH AN EPOXY.

PROVIDE A MINIMUM DISTANCE OF 15 INCHES FROM ALL TRANSVERSE JOINTS OR EDGES OF REPLACEMENT TO THE CENTER OF THE TIE BAR NEAREST THAT JOINT O EDGE.

(1) APPLY A THIN UNIFORM COATING OF SURFACE TREATMENT TO THE FREE END OF DOWEL BARS TO PREVENT BONDING.

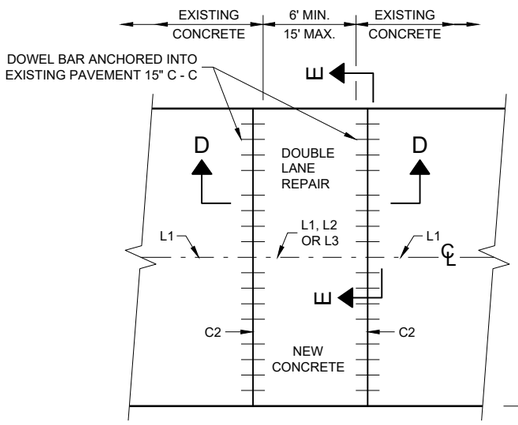


SECTION D - D



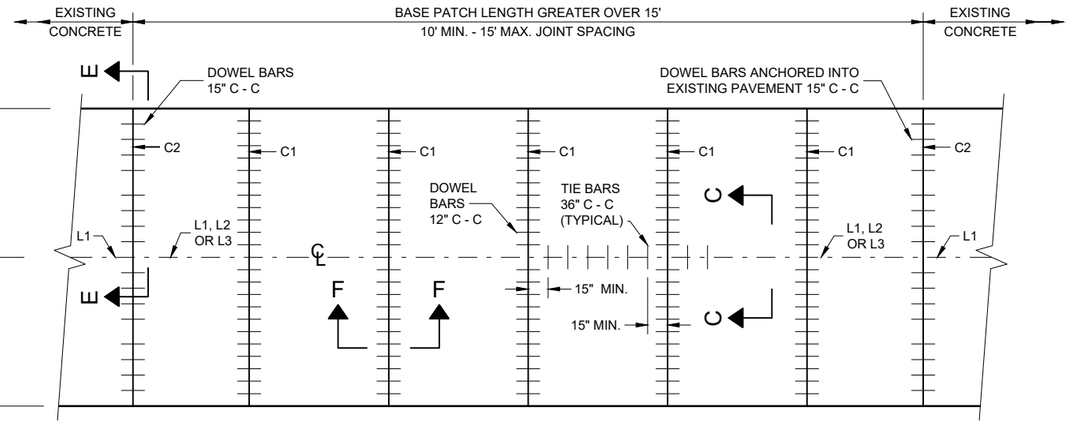
SECTION E - E

SPACING OF DOWEL BARS ANCHORED INTO EXISTING PAVEMENT



PLAN VIEW

MULTILANE CONCRETE BASE PATCH 15' MAXIMUM LENGTH



PLAN VIEW

MULTILANE CONCRETE BASE PATCH GREATER THAN 15' IN LENGTH

BASE PATCHING CONCRETE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTAT 631

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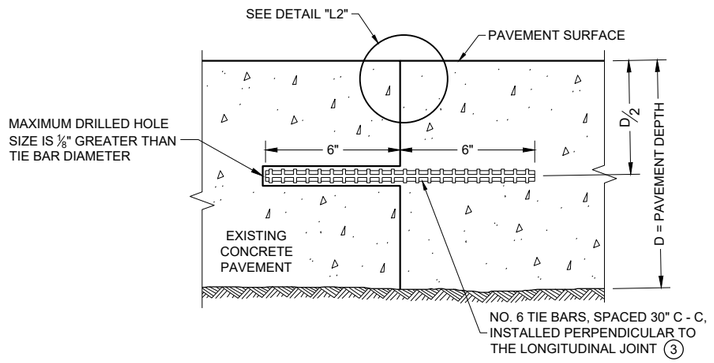
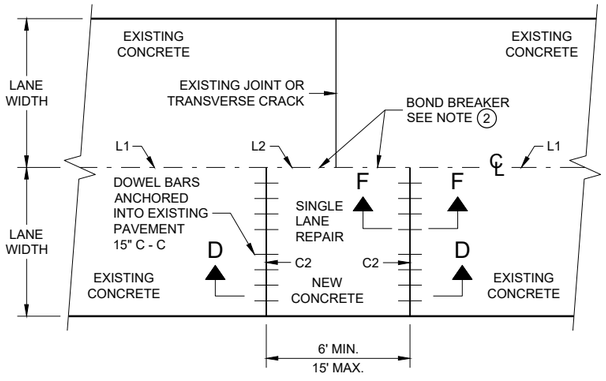


SECTION G - G

TIE BARS ANCHORED INTO EXISTING PAVEMENT

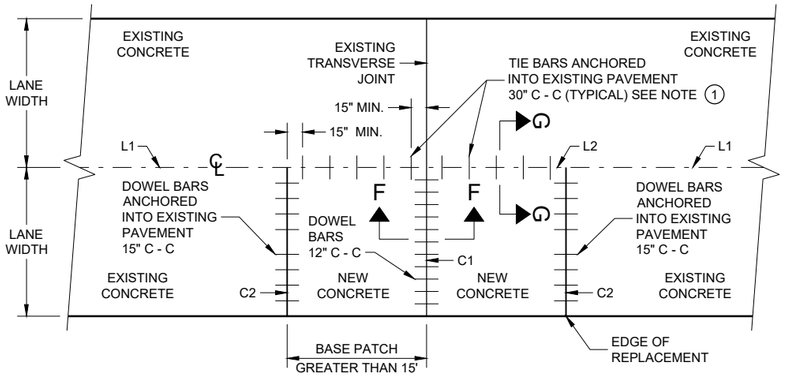
GENERAL NOTES

1. WITH THE APPROVAL OF THE ENGINEER, FOR SINGLE LANE PAVEMENT REPLACEMENTS LESS THAN 30 FEET IN LENGTH, THE CONTRACTOR MAY INSTALL DRILLED TIE BARS ON 6:1 SKEW HORIZONTALLY, DIRECTION OF SKEW ALTERNATING WITH EACH SUCCESSIVE BAR. DRIVE SKEWED TIE BARS TO A DEPTH OF 6 INCHES IN A HOLE OF SUCH A DIAMETER AS TO PROVIDE A TIGHT DRIVEN FIT.
2. USE AN ENGINEER APPROVED BOND BREAKER (E.G. RELEASE AGENT, CURING COMPOUND) FOR SINGLE LANE REPAIRS UP TO 15 FEET IN LENGTH.
3. ANCHOR TIE BARS INTO DRILLED HOES WITH AN EPOXY.



PLAN VIEW

SINGLE LANE CONCRETE BASE PATCH 15' MAXIMUM LENGTH



PLAN VIEW

SINGLE LANE CONCRETE BASE PATCH GREATER THAN 15' LENGTH

BASE PATCHING CONCRETE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
March 2018
DATE

/S/ Peter Kemp, P.E.
PAVEMENT SUPERVISO

FHWA

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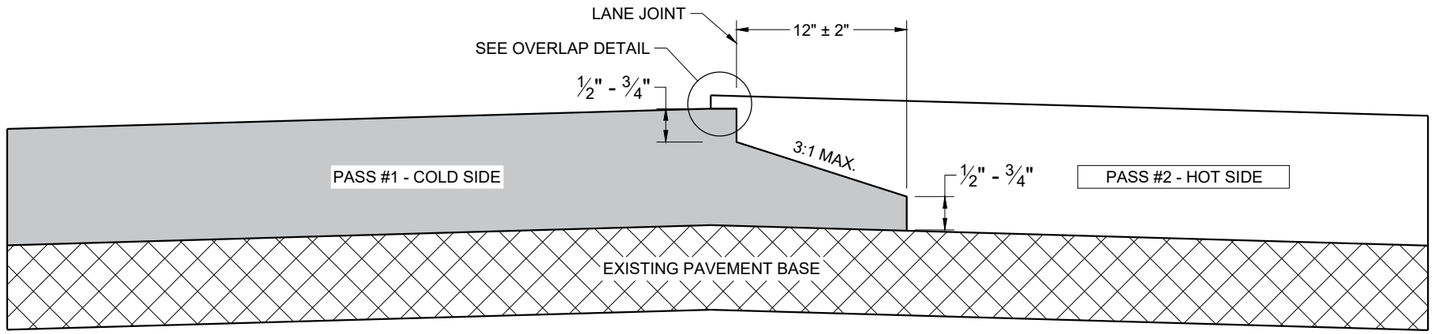
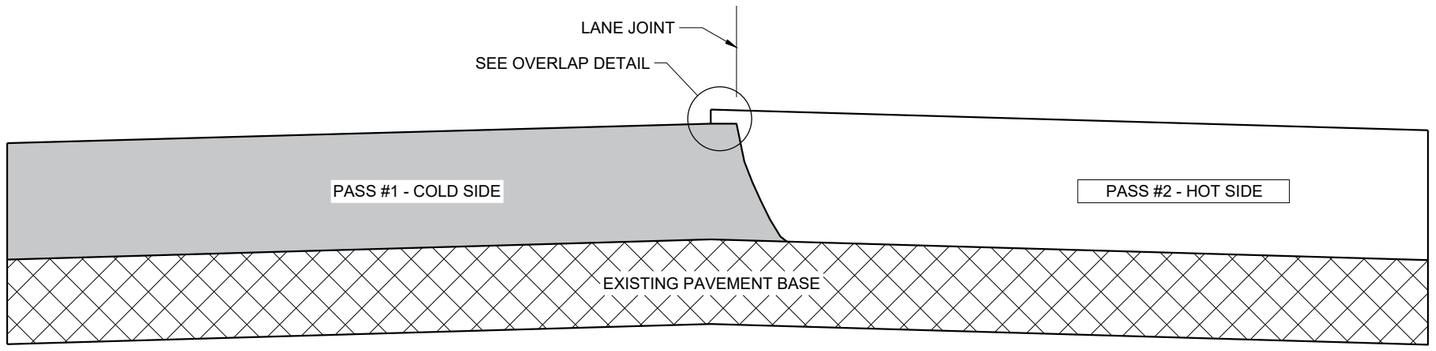
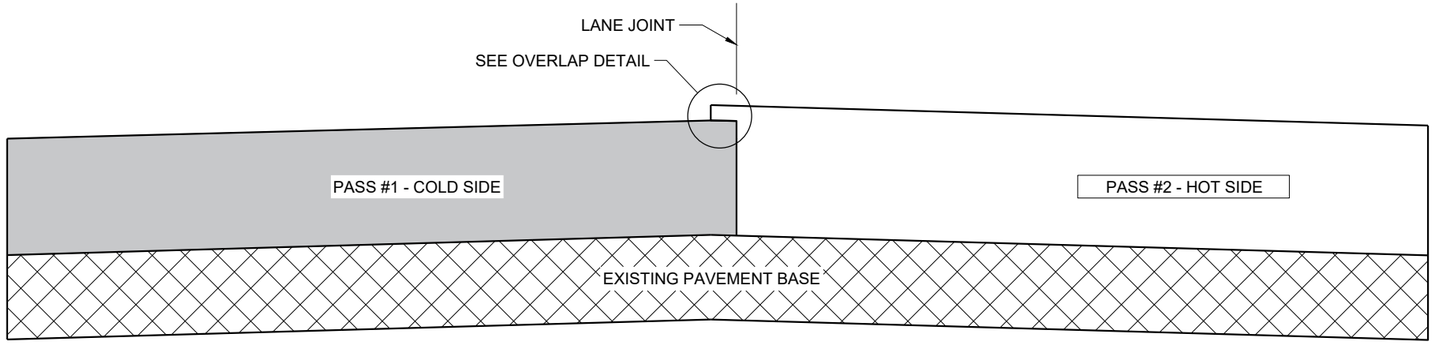


TYPICAL PAVEMENT CROSS SECTION
NOTCHED WEDGE JOINT



TYPICAL PAVEMENT CROSS SECTION
VERTICAL JOINT



TYPICAL PAVEMENT CROSS SECTION
VERTICAL JOINT (MILLED)

GENERAL NOTES

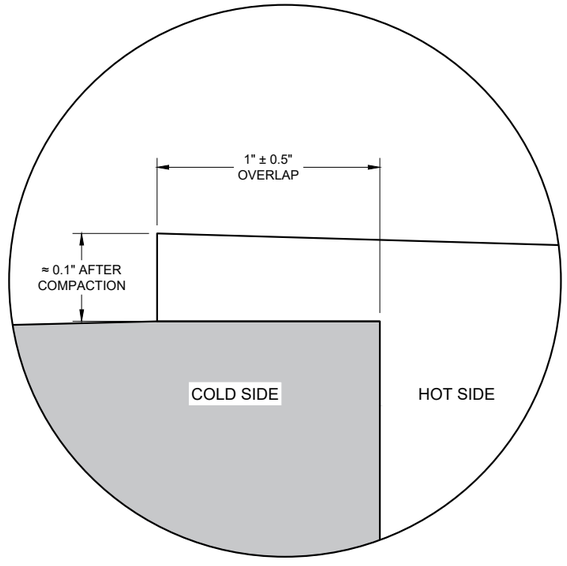
IN ADDITION TO THE DETAILS PROVIDED IN THIS DRAWING, CONFORM TO STANDARD SPECIFICATION 450.3.2.8 FOR WHEN A NOTCHED WEDGE JOINT IS REQUIRED AND FOR GENERAL JOINT CONSTRUCTION REQUIREMENTS.

FOR ALL LONGITUDINAL JOINTS, ENSURE THE PAVER SCREED OVERLAPS THE PREVIOUSLY PLACED PAVEMENT BY 1" ± 0.5" AND THE HOT SIDE OF THE JOINT REMAINS HIGHER THAN THE COLD SIDE BY APPROXIMATELY 0.1" AFTER FINAL COMPACTION. (IT WILL BE FLUSH WHEN PAVING IN ECHELON.)

ONLY REMOVE THE LONGITUDINAL NOTCHED WEDGE JOINT FOR SMA PAVEMENT OR AS DIRECTED BY THE ENGINEER TO ADDRESS SPECIFIC LENGTHS OF JOINT DAMAGED BY TRAFFIC.

WHEN MILLING BACK OR REMOVING ANY LONGITUDINAL JOINT, LIMIT THE MATERIAL REMOVED TO 2" FROM THE TOP NOTCH OR FROM THE VERTICAL JOINT EDGE ON THE COLD SIDE OF THE JOINT.

USE LONGITUDINAL MILLED JOINT AS PLANS SHOW OR THE AS THE ENGINEER DIRECTS.



OVERLAP DETAIL (TYPICAL)

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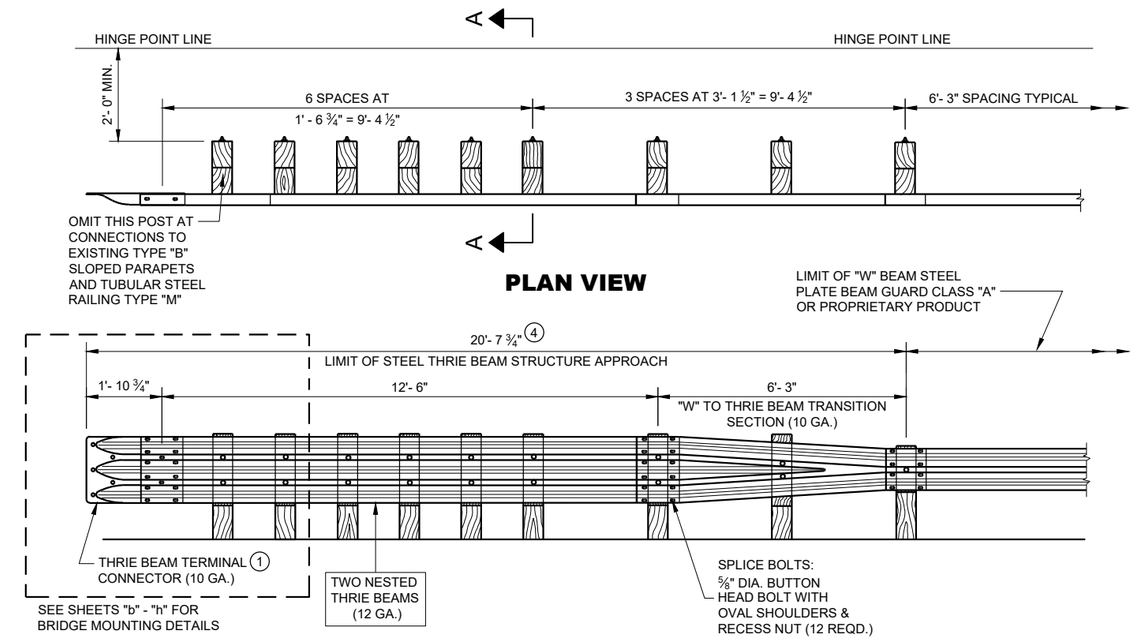
HMA LONGITUDINAL JOINTS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2020
DATE

/S/ Steven Hefel
HMA PAVEMENT ENGIN 633

FHWA



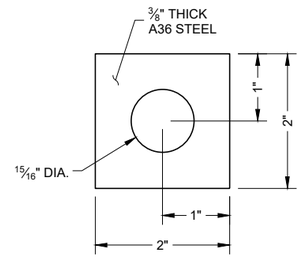


PLATE WASHER DETAIL

GENERAL NOTES

BOLT THE THRIE BEAM TO ALL POSTS AND BLOCKOUTS. DRILL OR PUNCH BOLT HOLES IN THE BEAM IF THE POST SPACING IS LESS THAN 6'-3".

DO NOT USE STEEL POSTS AND NOTCHED PLASTIC BLOCKOUTS IN THE STEEL THRIE BEAM STRUCTURAL APPROACH AND THE TRANSITION SECTION OF STEEL PLATE BEAM GUARD, CLASS "A" INSTALLATIONS.

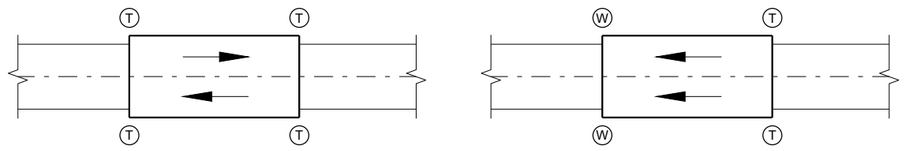
IF ROCK IS ENCOUNTERED, REMOVE ROCK TO FULL DEPTH OF POST PLUS 2 ½" , AND 12" DIAMETER AROUND POST. SEE 14B15 FOR MORE DETAILS.

(1) BRIDGE RAILING TYPE "W" DOES NOT REQUIRE A TERMINAL CONNECTOR.

(2) MINIMUM EMBEDMENT SHALL BE 4'- 0".

(3) POST BOLTS ARE ⅝" DIAMETER ASTM A307 BUTTON HEAD BOLT. A POST BOLT REQUIRES A ⅝" DIAMETER A563A DOUBLE RECESSED (DR) HEAVY HEX AND A ⅝" DIAMETER F844 FLAT WASHER. LENGTH OF POST BOLT MAY VARY.

(4) ALL WOOD POSTS MUST BE 6" X 8" AND AT LEAST 7'-0" LONG.



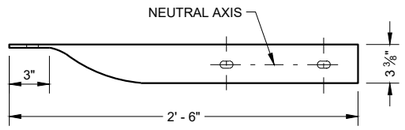
TWO WAY TRAFFIC

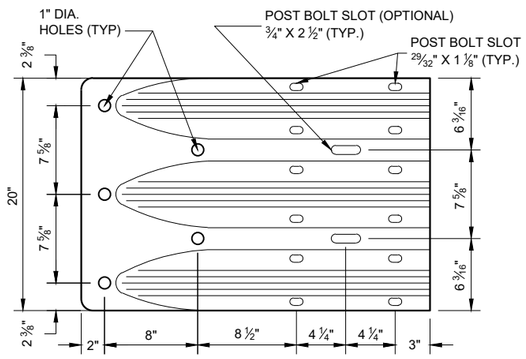
ONE WAY TRAFFIC

(T) THRIE BEAM CONNECTION

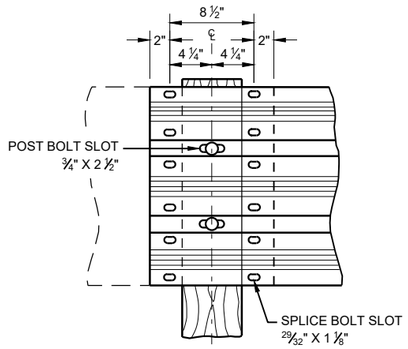
(W) W-BEAM CONNECTION WHEN REQUIRED

TYPICAL LOCATIONS OF THRIE BEAM AND W-BEAM CONNECTIONS TO BRIDGE

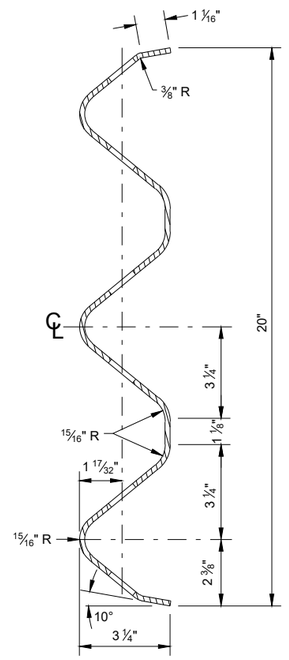




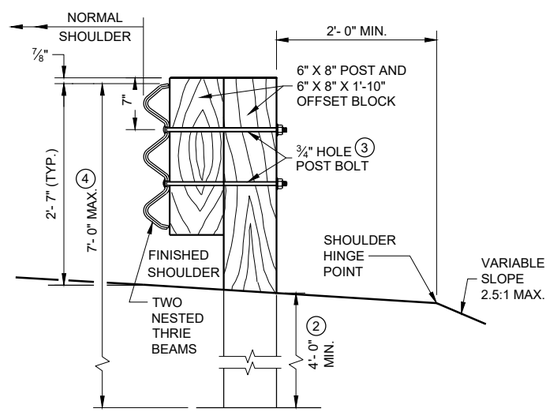
THRIE BEAM TERMINAL CONNECTOR



THRIE BEAM SPLICE



SECTION THRU BEAM RAIL ELEMENT



SECTION A-A

STEEL THRIE BEAM STRUCTURE APPROACH

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2022 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVE ENGINEER

FHWA

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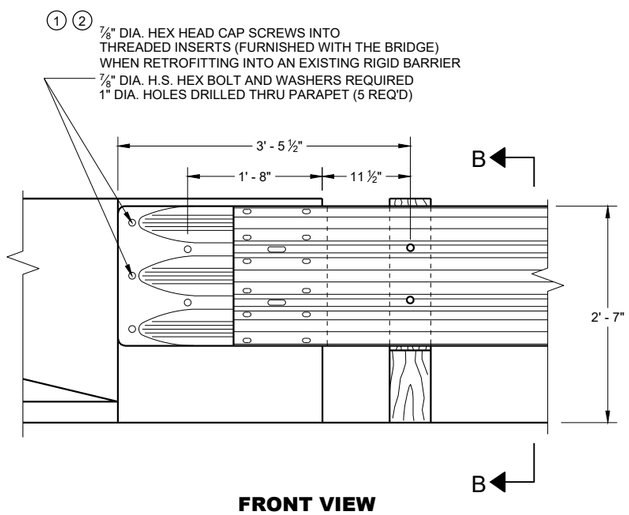
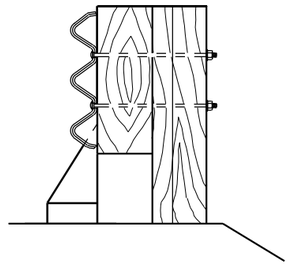


FRONT VIEW



SECTION B - B

THRIE BEAM CONNECTION TO BRIDGE PARAPET WITH SQUARE ENDS

GENERAL NOTES

THESE ARE TYPICAL CONNECTION DETAILS. ADJUST THE POSITION OF CONNECTIONS TO EXISTING BRIDGES TO FIT THE ACTUAL BRIDGE AND SITE DIMENSIONS.

BOLTS, NUTS AND WASHERS SHALL CONFORM TO ASTM A325, A449 AND GALVANIZED PER STANDARD SPECIFICATIONS 614.

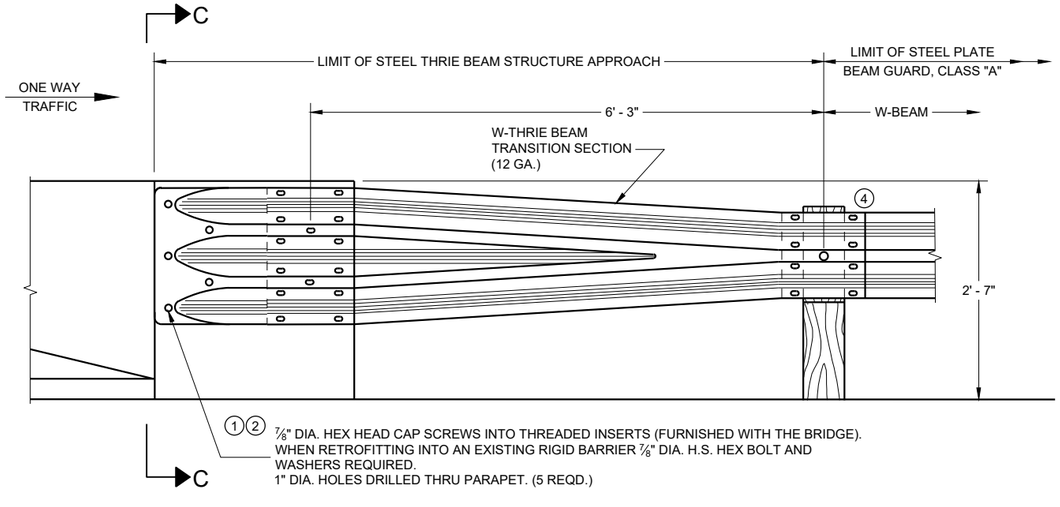
① DRILLING BOLT HOLES THROUGH THE PARAPET, BOLTS, NUTS, WASHERS AND REPAIRING DAMAGED CONCRETE ARE INCIDENTAL TO THE CONTRACT.

② BOLTS MAY BE A325 BOLTS OR A449 BOLTS. BOLT LENGTH AND THREADING LENGTH ARE TO ALLOW FOR A TIGHT CONNECTION BETWEEN RIGID BARRIER AND THRIE BEAM CONNECTION PLATE. CONTRACTOR IS TO FIELD VERIFY BOLT LENGTH AND THREAD LENGTH. ONE ROUND WASHER REQUIRED BETWEEN BOLT HEAD AND THRIE BEAM TERMINAL CONNECTOR. BOLTS THAT EXTEND THROUGH THE PARAPET AND OUT THE BACK FACE REQUIRE A HARDENED ROUND STEEL WASHER THAT IS 2" O.D. X 5/8" THICK AND ONE PLATE WASHER. REPAIR ANY DAMAGED CONCRETE FROM BOLT INSTALLATION.

③ THE RECESS FOR A W-BEAM CONNECTION, WHICH EXISTS ON SOME PARAPETS OF THIS TYPE, SHALL BE FILLED WITH A TREATED TIMBER BLOCKOUT. BLOCKOUT SIZE IS 1'-6" X 2'-0" X 3 ½".

④ W6 X 9 OR W6 X 8.5 STEEL POSTS AND NOTCHED PLASTIC BLOCKOUTS ARE ACCEPTABLE ALTERNATIVES FOR 6" X 8" WOOD POST WITH WOOD OR PLASTIC BLOCKOUTS. USE APPROVED NOTCHED PLASTIC BLOCKOUTS WITH STEEL POSTS.

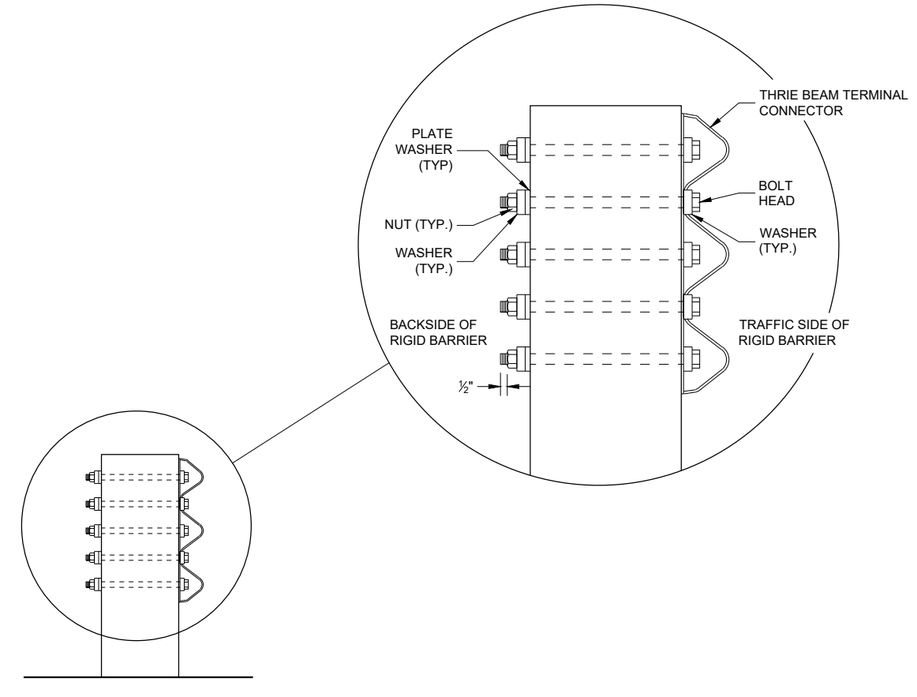
DO NOT USE STEEL POSTS AND NOTCHED PLASTIC BLOCKOUTS IN THE STEEL THRIE BEAM STRUCTURAL APPROACH AND THE TRANSITION SECTION OF STEEL PLATE BEAM GUARD, CLASS "A" INSTALLATIONS.



FRONT VIEW

W BEAM TRANSITION AND CONNECTION TO BRIDGE PARAPETS WITH SQUARE ENDS

(USE ONLY ON THE TRAFFIC EXIT END OF ONE WAY BRIDGE)



SECTION C - C

STEEL THRIE BEAM STRUCTURE APPROACH, CONNECTION TO SQUARE END PARAPETS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2022
DATE

/S/ Rodney Taylor
ROADWAY STANDARDS DEVE ENGINEER

FHWA

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SDD 14B20 - 12b

GENERAL NOTES

THESE ARE TYPICAL CONNECTION DETAILS. ADJUST THE POSITION OF CONNECTIONS TO EXISTING BRIDGES TO FIT THE ACTUAL BRIDGE AND SITE DIMENSIONS.

BOLTS, NUTS AND WASHERS SHALL CONFORM TO ASTM A325, A449 AND GALVANIZED PER STANDARD SPECIFICATIONS 614.

(1) DRILLING BOLT HOLES THROUGH THE PARAPET, BOLTS, NUTS, WASHERS AND REPAIRING DAMAGED CONCRETE ARE INCIDENTAL TO THE CONTRACT.

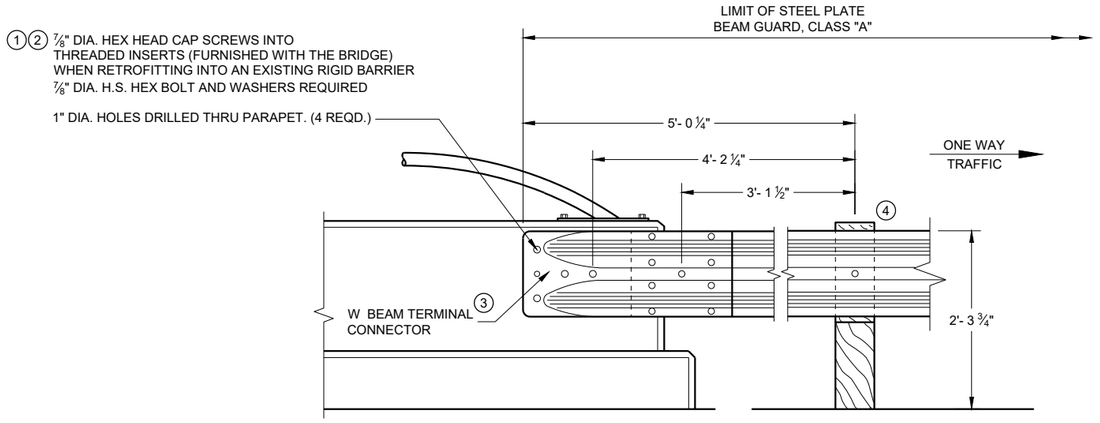
(2) BOLTS MAY BE A325 BOLTS OR A449 BOLTS. BOLT LENGTH AND THREADING LENGTH ARE TO ALLOW FOR A TIGHT CONNECTION BETWEEN RIGID BARRIER AND THRIE BEAM CONNECTION PLATE. CONTRACTOR IS TO FIELD VERIFY BOLT LENGTH AND THREAD LENGTH. ONE ROUND WASHER REQUIRED BETWEEN BOLT HEAD AND THRIE BEAM TERMINAL CONNECTOR. BOLTS THAT EXTEND THROUGH THE PARAPET AND OUT THE BACK FACE REQUIRE A HARDENED ROUND STEEL WASHER THAT IS 2" O.D. X 5/8" THICK AND ONE PLATE WASHER. REPAIR ANY DAMAGED CONCRETE FROM BOLT INSTALLATION.

(3) THE RECESS FOR A W-BEAM CONNECTION, WHICH EXISTS ON SOME PARAPETS OF THIS TYPE, SHALL BE FILLED WITH A TREATED TIMBER BLOCKOUT. BLOCKOUT SIZE IS 1'-6" X 2'-0" X 3 ½".

(4) W6 X 9 OR W6 X 8.5 STEEL POSTS AND NOTCHED PLASTIC BLOCKOUTS ARE ACCEPTABLE ALTERNATIVES FOR 6" X 8" WOOD POST WITH WOOD OR PLASTIC BLOCKOUTS. USE APPROVED NOTCHED PLASTIC BLOCKOUTS WITH STEEL POSTS.

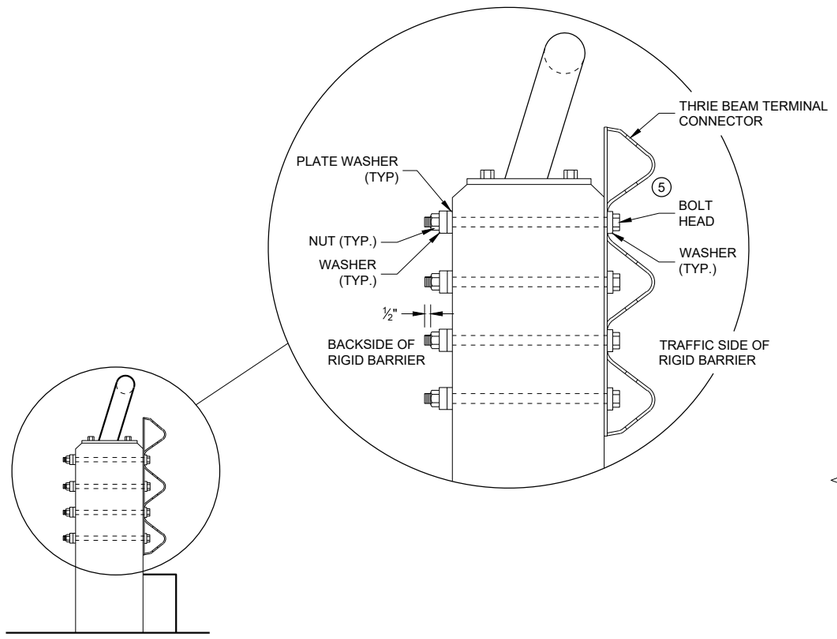
(5) BOLT, NUT AND WASHERS NO REQUIRED FOR THIS LOCATION WHEN RETROFITTING AN EXISTING PARAPET AND THE HOLE IS EITHER ABOVE PARAPET OR WITHIN 4 INCHES OF THE THE EDGE OF PARAPET.

DO NOT USE STEEL POSTS AND NOTCHED PLASTIC BLOCKOUTS IN THE STEEL THRIE BEAM STRUCTURAL APPROACH AND THE TRANSITION SECTION OF STEEL PLATE BEAM GUARD, CLASS "A" INSTALLATIONS.

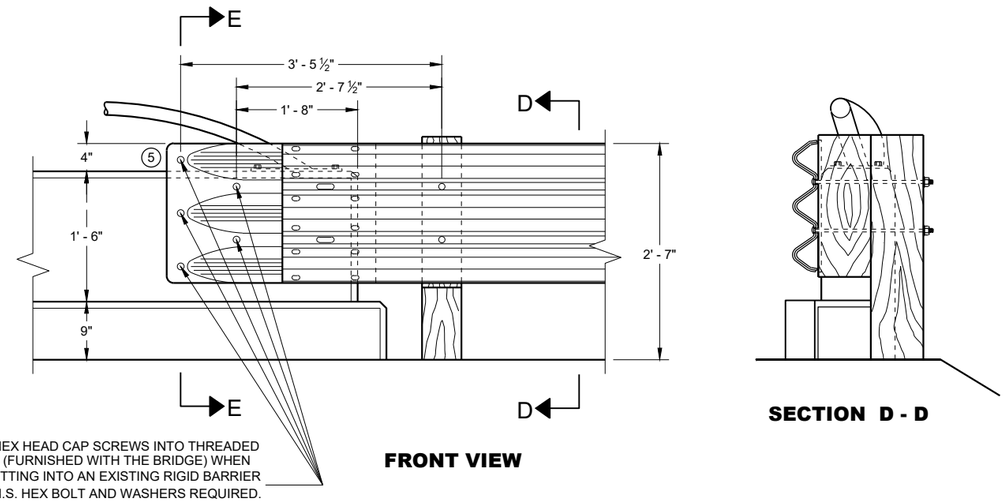


FRONT VIEW

W BEAM CONNECTION TO VERTICAL FACE PARAPET
(USE ONLY ON THE TRAFFIC EXIT END OF ONE WAY BRIDGES)



SECTION E - E



FRONT VIEW

SECTION D - D

THRIE BEAM CONNECTION TO VERTICAL FACED PARAPETS

STEEL THRIE BEAM STRUCTURE APPROACH, CONNECTION TO VERTICAL FACED PARAPETS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2022
DATE

/S/ Rodney Taylor
ROADWAY STANDARDS DEVE ENGINEER

FHWA

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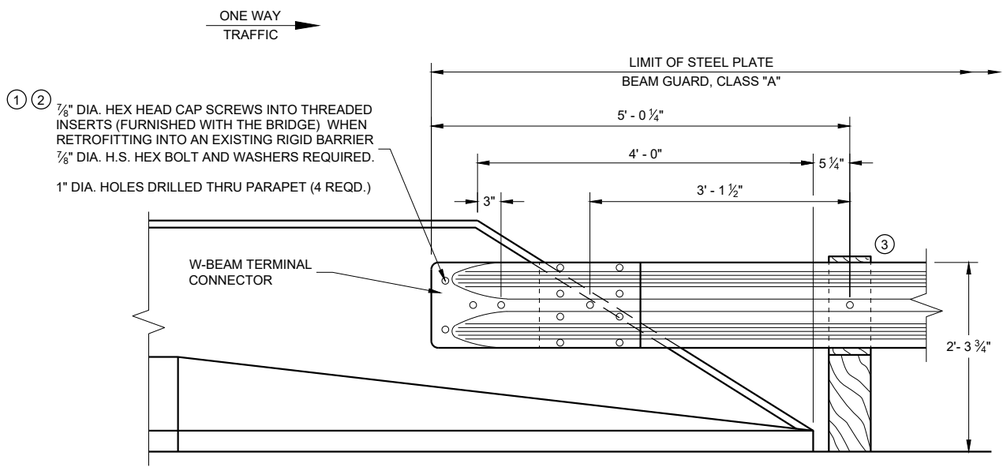
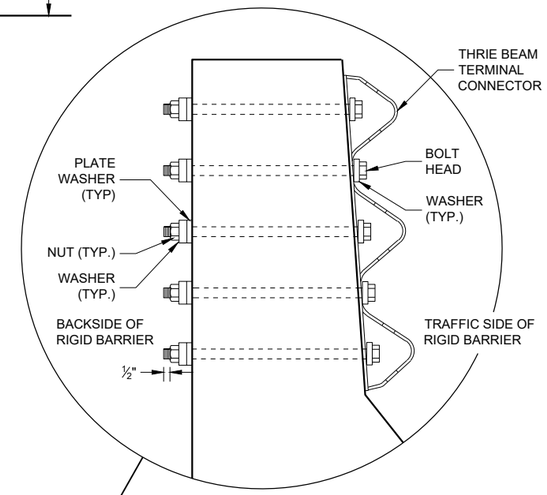
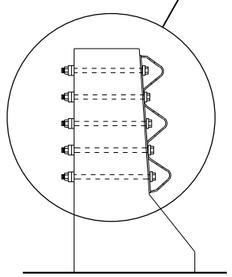


FRONT VIEW

W BEAM CONNECTION TO BRIDGE PARAPETS WITH SLOPED ENDS

(USE ONLY ON THE TRAFFIC EXIT END OF ONE WAY BRIDGES)





SECTION E - E

GENERAL NOTES

THESE ARE TYPICAL CONNECTION DETAILS. ADJUST THE POSITION OF CONNECTIONS TO EXISTING BRIDGES TO FIT THE ACTUAL BRIDGE AND SITE DIMENSIONS.

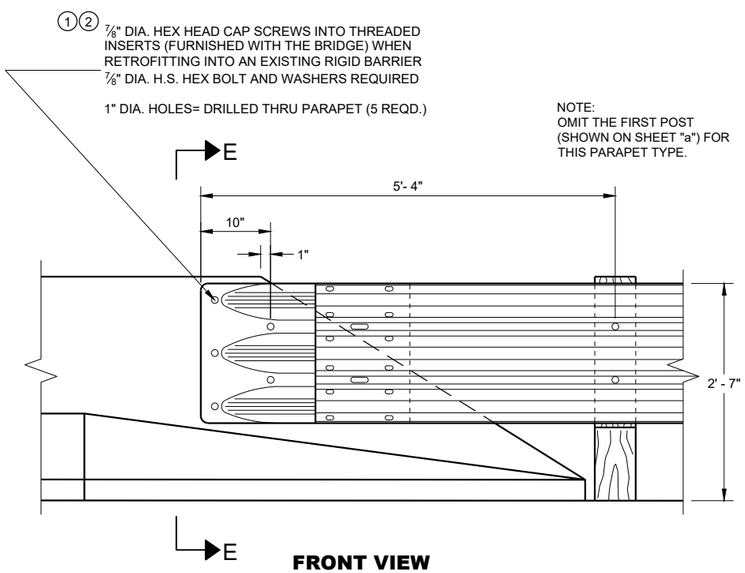
BOLTS, NUTS AND WASHERS SHALL CONFORM TO ASTM A325, A449 AND GALVANIZED PER STANDARD SPECIFICATIONS 614.

1. DRILLING BOLT HOLES THROUGH THE PARAPET, BOLTS, NUTS, WASHERS AND REPAIRING DAMAGED CONCRETE ARE INCIDENTAL TO THE CONTRACT.

2. BOLTS MAY BE A325 BOLTS OR A449 BOLTS. BOLT LENGTH AND THREADING LENGTH ARE TO ALLOW FOR A TIGHT CONNECTION BETWEEN RIGID BARRIER AND THRIE BEAM CONNECTION PLATE. CONTRACTOR IS TO FIELD VERIFY BOLT LENGTH AND THREAD LENGTH. ONE ROUND WASHER REQUIRED BETWEEN BOLT HEAD AND THRIE BEAM TERMINAL CONNECTOR. BOLTS THAT EXTEND THROUGH THE PARAPET AND OUT THE BACK FACE REQUIRE A HARDENED ROUND STEEL WASHER THAT IS 2" O.D. X 5/8" THICK AND ONE PLATE WASHER. REPAIR ANY DAMAGED CONCRETE FROM BOLT INSTALLATION.

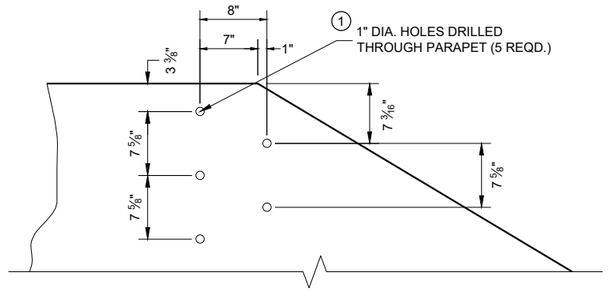
3. W6 X 9 OR W6 X 8.5 STEEL POSTS AND NOTCHED PLASTIC BLOCKOUTS ARE ACCEPTABLE ALTERNATIVES FOR 6" X 8" WOOD POST WITH WOOD OR PLASTIC BLOCKOUTS. USE APPROVED NOTCHED PLASTIC BLOCKOUTS WITH STEEL POSTS.

   DO NOT USE STEEL POSTS AND NOTCHED PLASTIC BLOCKOUTS IN THE STEEL THRIE BEAM STRUCTURAL APPROACH AND THE TRANSITION SECTION OF STEEL PLATE BEAM GUARD, CLASS "A" INSTALLATIONS.



FRONT VIEW

THRIE BEAM CONNECTION TO BRIDGE PARAPETS WITH SLOPED ENDS



DRILL HOLE LOCATION AND PATTERN FOR THRIE BEAM CONNECTION

STEEL THRIE BEAM STRUCTURE APPROACH, CONNECTION TO SLOPED END PARAPETS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2022
DATE

/S/ Rodney Taylor
ROADWAY STANDARDS DEVE ENGINEER

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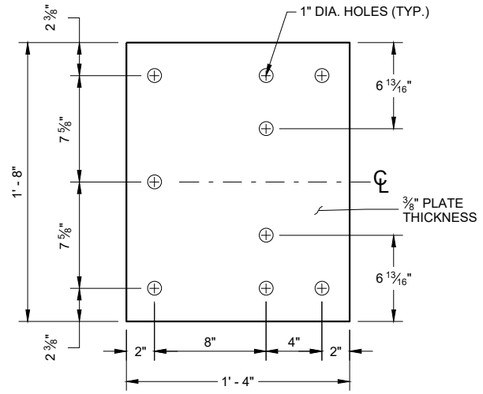
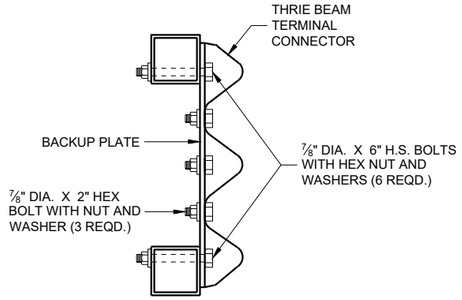
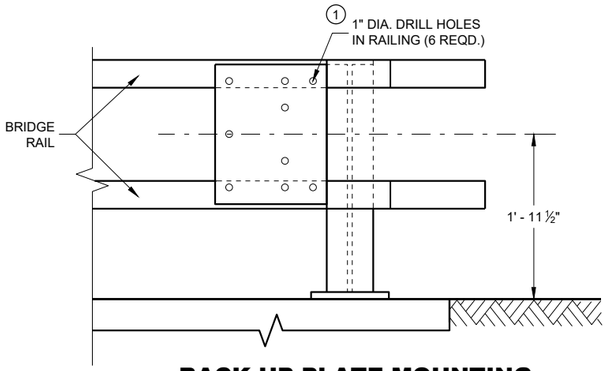


BACK-UP PLATE DETAIL



SECTION G - G



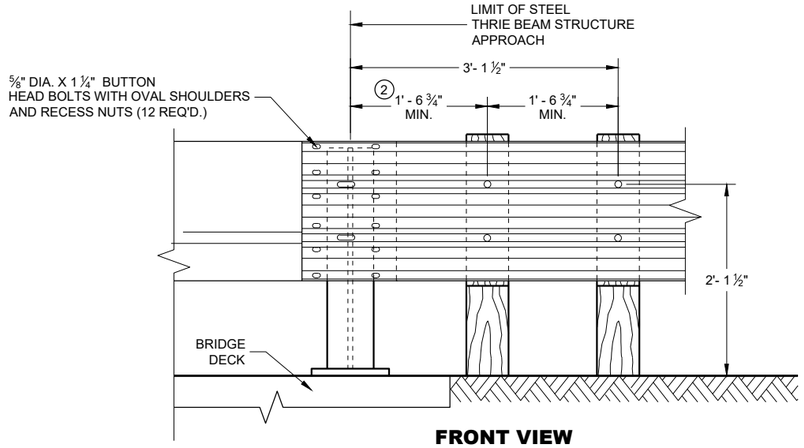
BACK-UP PLATE MOUNTING ONTO BRIDGE RAILING

GENERAL NOTES

BOLTS, PLATES, NUTS AND WASHERS SHALL CONFORM TO THE REQUIREMENTS OF ASTM SPECIFICATION A 325 AND BE GALVANIZED IN ACCORDANCE WITH ASTM A 153.

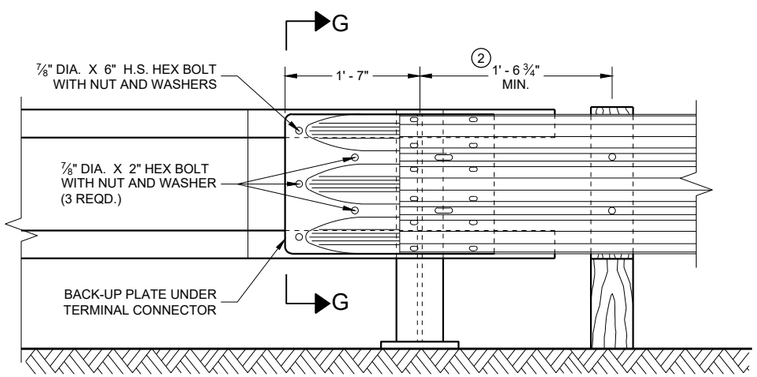
(1) DRILLING BOLT HOLES THROUGH THE PARAPET, BOLTS, NUTS, WASHERS AND REPAIRING DAMAGED CONCRETE ARE INCIDENTAL TO THE CONTRACT.

(2) VARY THIS DIMENSION DEPENDING ON ABUTMENT TYPE, WINGWALL DETAILS, AND ANGLE OF SKEW. PLACE THE FIRST WOOD POST OFF THE BRIDGE SHALL AS CLOSE AS FEASIBLE TO THE STEEL END POST.

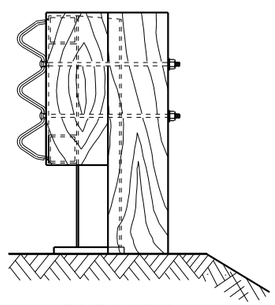


FRONT VIEW

THRIE BEAM CONNECTION TO STEEL RAILING TYPE "W"



FRONT VIEW



END VIEW

THRIE BEAM CONNECTION TO TUBULAR RAILING TYPE "F"

STEEL THRIE BEAM STRUCTURE APPROACH, CONNECTION TO BRIDGE RAILING TYPES "F" & "W"

STATE OF WISCONSIN
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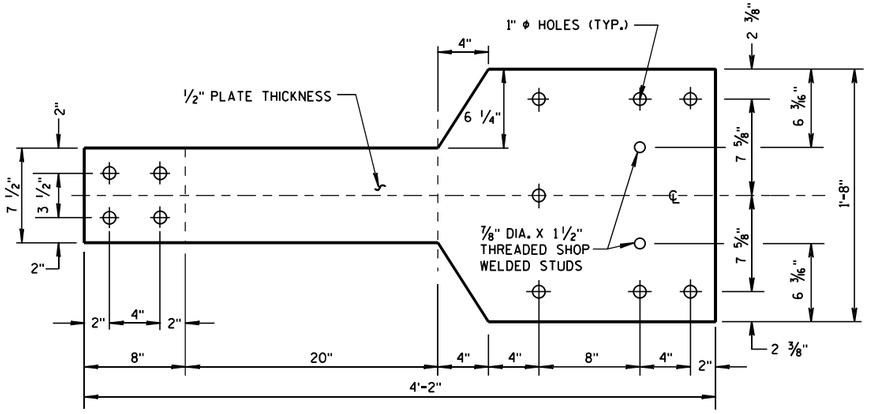
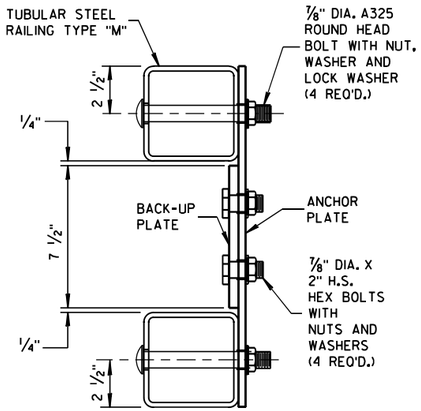
GENERAL NOTES

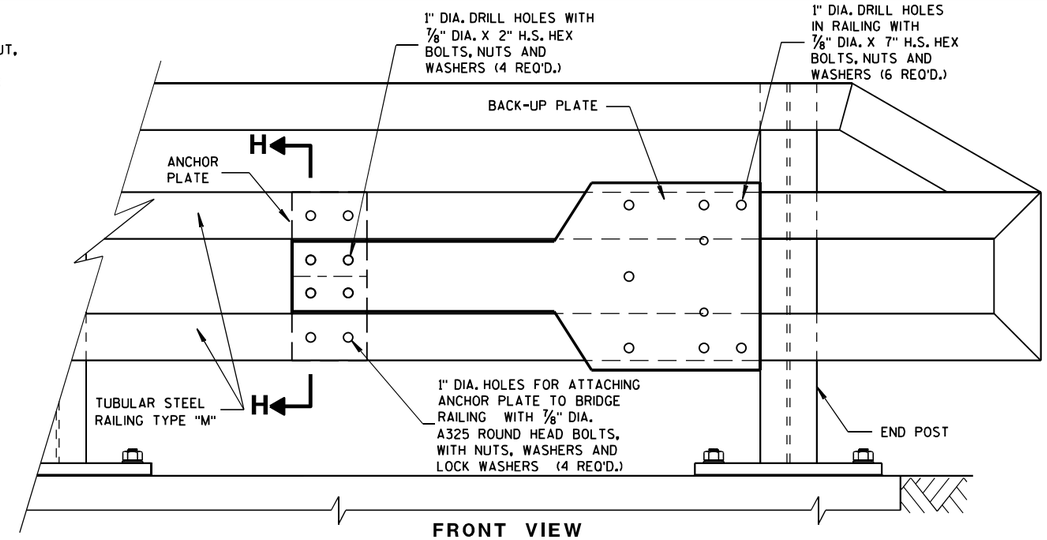
① VARY THIS DIMENSION DEPENDING ON ABUTMENT TYPE, WINGWALL DETAILS, AND ANGLE OF SKEW. PLACE THE FIRST WOOD POST OFF THE BRIDGE SHALL BE AS CLOSE AS FEASIBLE TO THE STEEL END POST.



FRONT VIEW

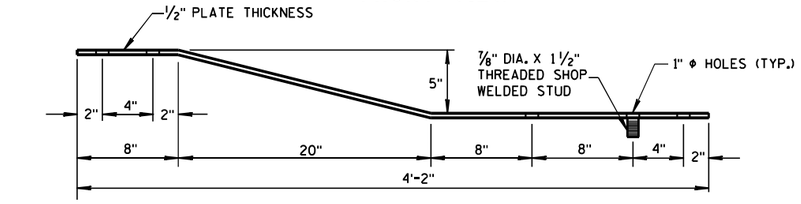


SECTION H-H



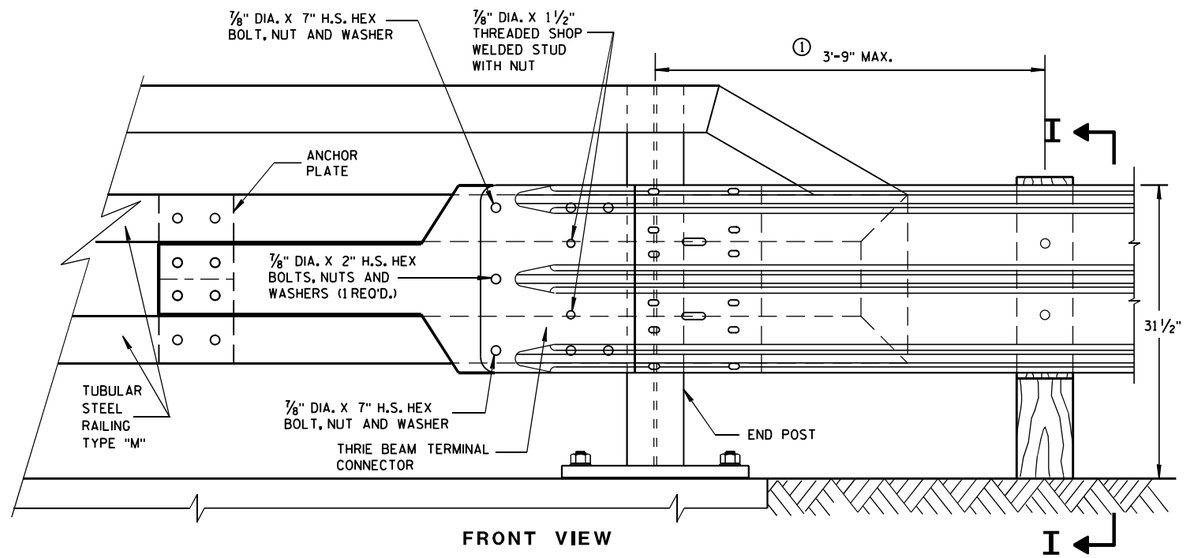
FRONT VIEW

ANCHOR AND BACK-UP PLATE MOUNTING TO BRIDGE RAILING, TYPE "M"

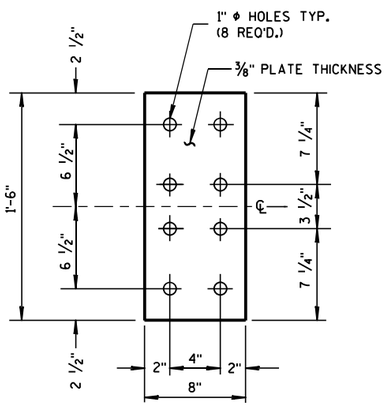


PLAN VIEW

BACK-UP PLATE DETAIL, TYPE "M"

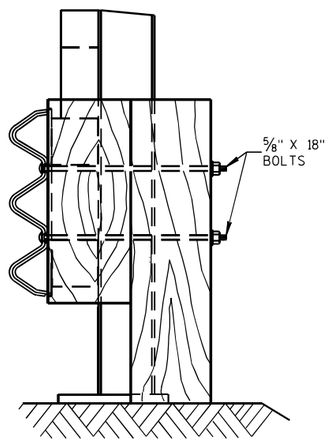


FRONT VIEW

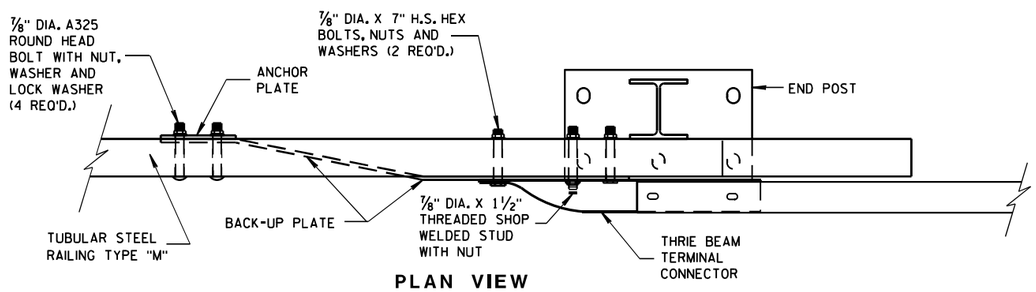


FRONT VIEW

ANCHOR PLATE DETAIL, TYPE "M"



SECTION I-I



PLAN VIEW

THRIE BEAM CONNECTION TO TUBULAR RAILING, TYPE "M"

STEEL THRIE BEAM STRUCTURE APPROACH, CONNECTION TO BRIDGE RAILING TYPE "M"

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DEPARTMENT OF TRANSPORTATION

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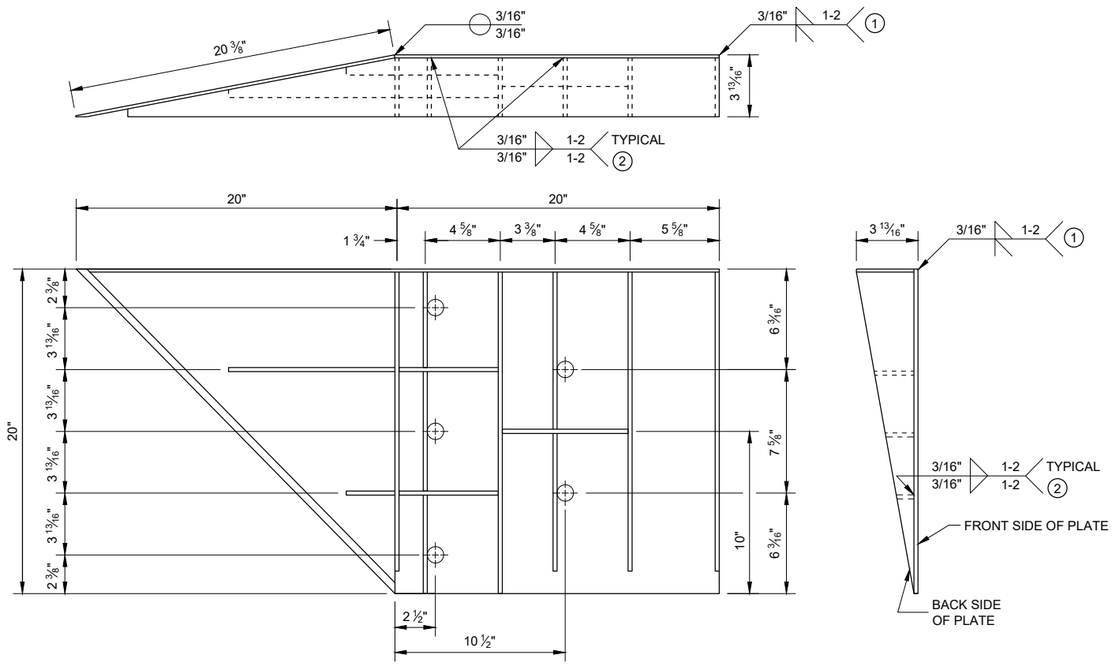

WELDING INSTRUCTION

(VIEWED FROM BACK SIDE OF PLATE)

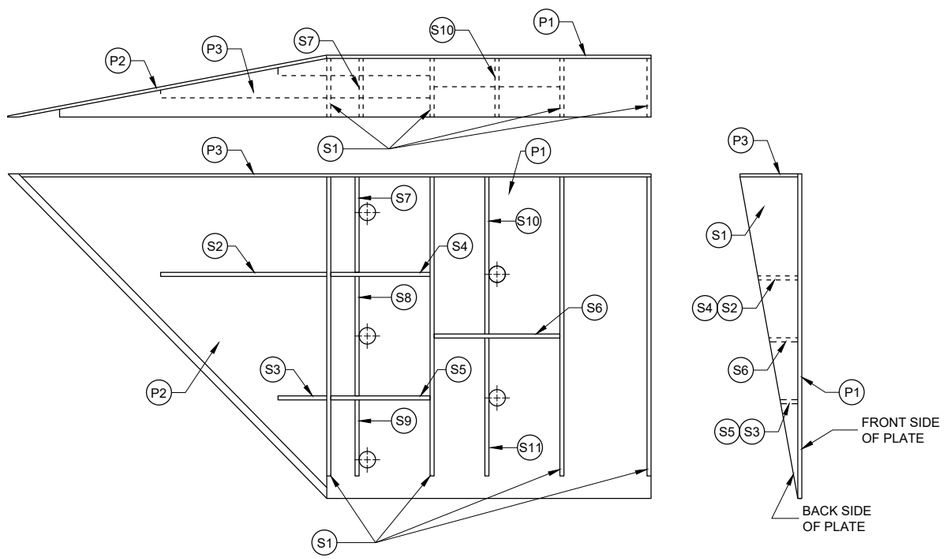

PLATE AND STIFFENER IDENTIFICATION

(VIEWED FROM BACK SIDE OF PLATE)

GENERAL NOTES

COVER PLATE PANELS ARE 3/16" THICK.

ALL STIFFENERS ARE 1/4" THICK

CONNECTOR PLATE SHALL BE FABRICATED FROM ASTM GRADE A36 STEEL AND GALVANIZED.

FOR GALVANIZED REQUIREMENTS, SEE SECTION 614 OF THE STANDARD SPECIFICATIONS.

ALL HOLE DIAMETERS SHALL BE 1".

FOR OPPOSITE SIDE INSTALLATION, MIRROR DRAWINGS.

(1) STIFFENERS LOCATED AT THE OUTSIDE EDGES OF THE COVER PLATES SHALL BE WELDED AS FOLLOWS:
SINGLE BEVEL GROOVE WELD ON EXTERNAL SIDES AND 3/16" FILLET WELD BY 1" LONG SPACED AT 2" ON INTERNAL SIDES.

(2) STIFFENERS LOCATED ON THE INSIDE OF THE COVER PLATE SHALL BE WELDED AS FOLLOWS:
3/16" FILLET WELD BY 1" LONG SPACED AT 2".

CONNECTOR PLATED DIMENSION (PER ASSEMBLY)

PLATE	QUANTITY	SHAPE	SIZE (A x B x C x D)	THICKNESS
P1	1		20" x 20"	3/16"
P2	1		20" x 20" x 28 9/16"	3/16"
P3	1		39" x 3 5/8" x 20" x 19 5/16"	3/16"
S1	4		18 7/16" x 3 5/8" x 18 3/4"	1/4"
S2	1		10 1/4" x 2 7/16" x 10 3/8" x 1/2"	1/4"
S3	1		3" x 1 1/16" x 3 1/8" x 1/2"	1/4"
S4	1		6 1/8" x 2 7/16"	1/4"
S5	1		6 1/8" x 1 1/16"	1/4"
S6	1		7 3/4" x 1 3/4"	1/4"
S7	1		2 9/16" x 6" x 3 5/8" x 5 7/8"	1/4"
S8	1		1 5/32" x 7 1/2" x 2 1/2" x 7 3/8"	1/4"
S9	1		6 1/16" x 6 3/16" x 1 3/32"	1/4"
S10	1		1 7/8" x 9 7/8" x 3 5/8" x 9 1/16"	1/4"
S11	1		8 1/2" x 8 3/4" x 1 13/16"	1/4"

STEEL THRIE BEAM STRUCTURE APPROACH

STEEL THRIE BEAM STRUCTURE APPROACH, CONNECTOR PLATE DETAIL

STATE OF WISCONSIN
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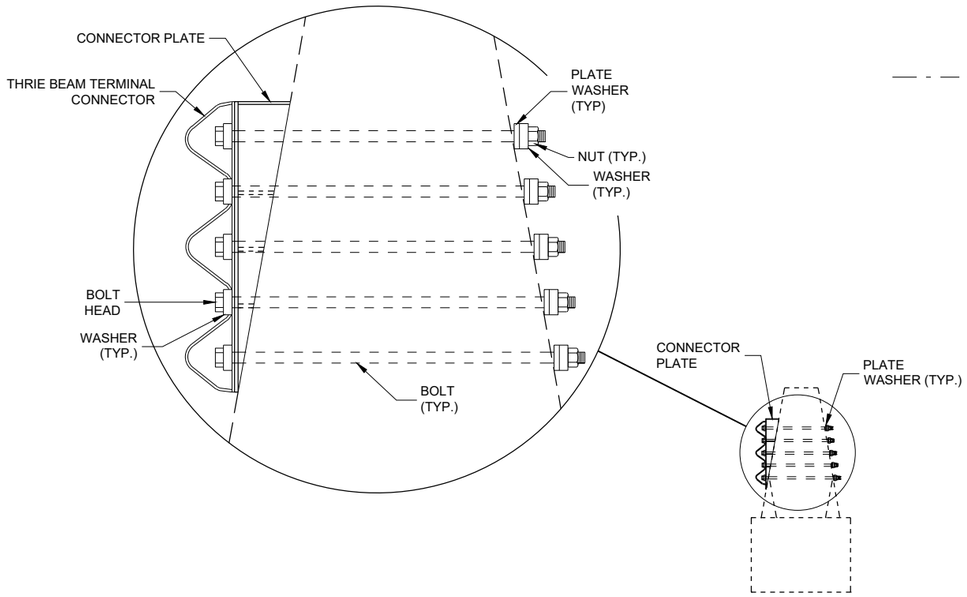
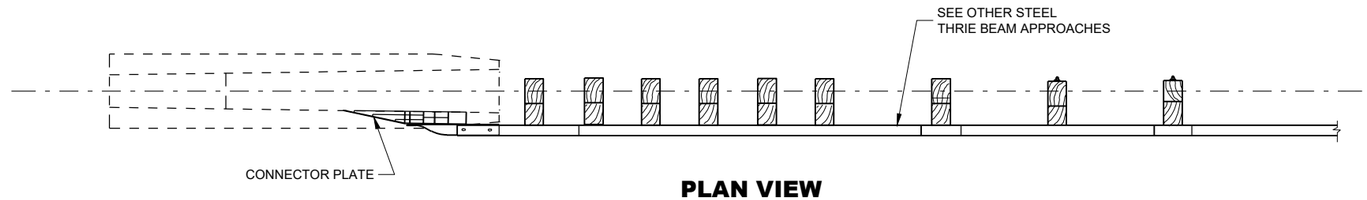
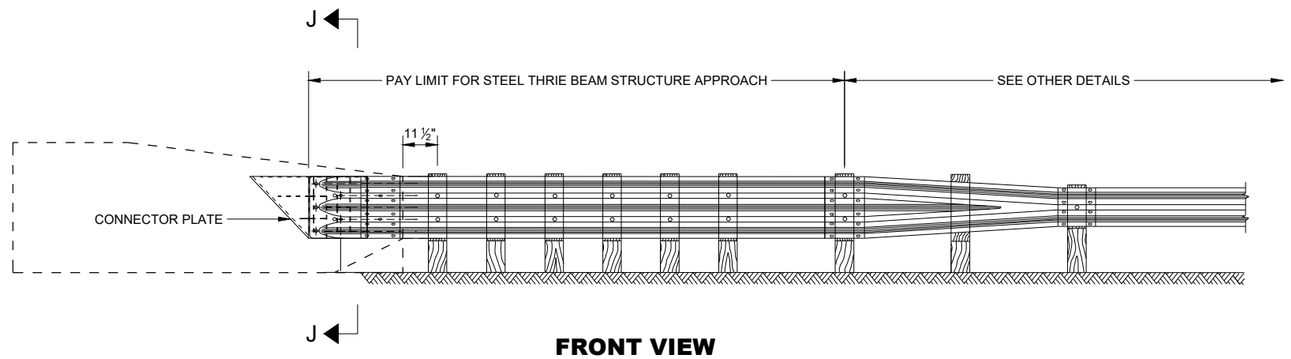
FHWA



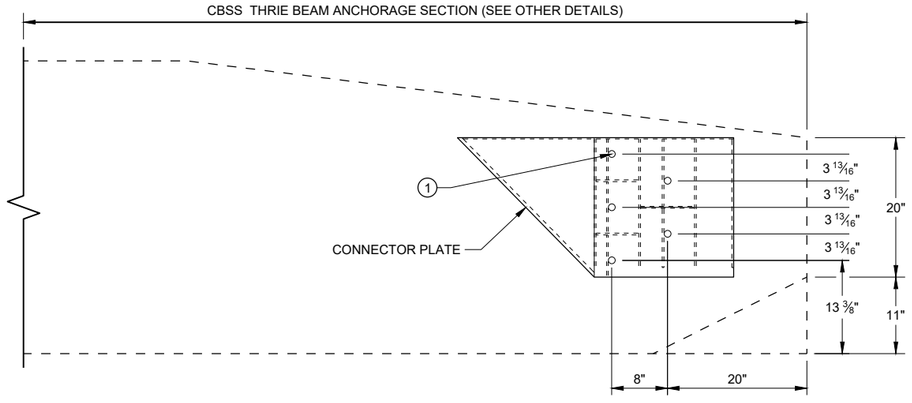
SECTION J - J



PLAN VIEW



FRONT VIEW



CONNECTOR PLATE PLACEMENT

GENERAL NOTES

CONSTRUCT PER STANDARD SPECIFICATION 614.

CONNECTOR PLATE, DRILLING BOLT HOLES THROUGH THE PARAPET, BOLTS, NUTS, WASHERS AND REPAIRING DAMAGED CONCRETE ARE INCIDENTAL TO THE CONTRACT.

(1) BOLTS MAY BE A325 BOLTS OR A449 BOLTS. BOLT LENGTH AND THREADING LENGTH ARE TO ALLOW FOR A TIGHT CONNECTION BETWEEN RIGID BARRIER AND THRIE BEAM CONNECTION PLATE. CONTRACTOR IS TO FIELD VERIFY BOLT LENGTH AND THREAD LENGTH. ONE ROUND WASHER REQUIRED BETWEEN BOLT HEAD AND THRIE BEAM TERMINAL CONNECTOR. BOLTS THAT EXTEND THROUGH THE PARAPET AND OUT THE BACK FACE REQUIRE A HARDENED ROUND STEEL WASHER THAT IS 2" O.D. X ⅝" THICK AND ONE PLATE WASHER. REPAIR ANY DAMAGED CONCRETE FROM BOLT INSTALLATION.

STEEL THRIE BEAM STRUCTURE APPROACH

MIDWEST GUARDRAIL SYSTEM (MGS) THRIE BEAM TRANSITION

STATE OF WISCONSIN
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November 2022 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVE ENGINEER

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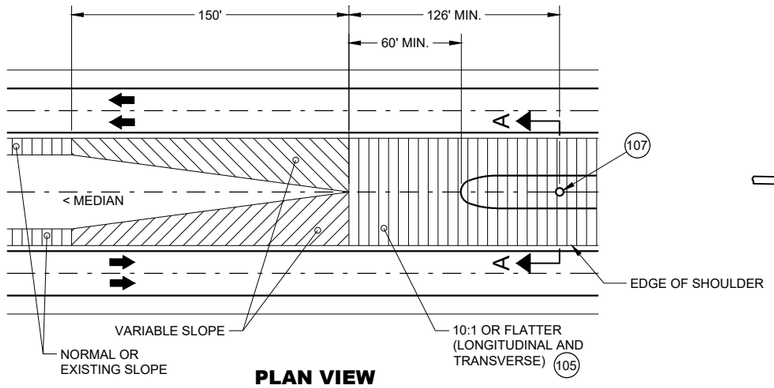
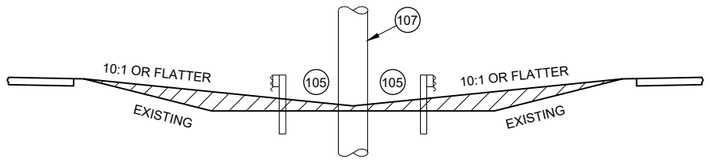


PLAN VIEW
GRADING AT BULLNOSE
(ALL INSTALLATIONS)



SECTION A -A
MEDIAN GRADING
(ALL INSTALLATIONS)

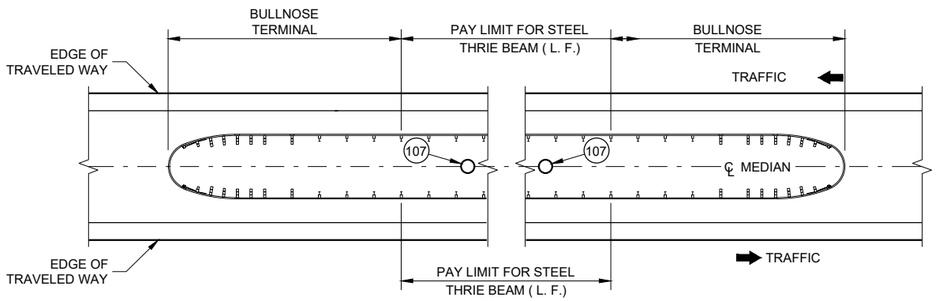
GENERAL NOTES

THRIE BEAM RAILS MAY NEED TO BE FIELD BENT TO FIT THE LOCATION.

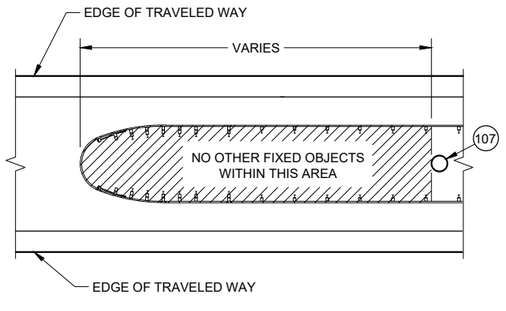
SEE STANDARD DETAIL DRAWINGS 14B26 SHEETS a-h.

IF ROCK IS ENCOUNTERED, REMOVE ROCK TO FULL DEPTH OF POST PLUS 2 ½". MINIMUM DIAMETER OF THE ROCK REMOVAL IS 12" DIAMETER

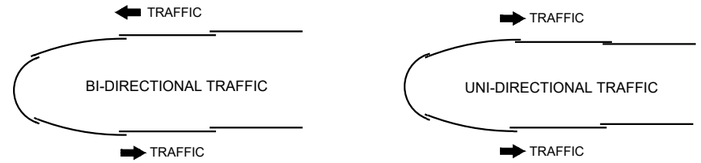
- E1 UNBENT STANDARD THRIE BEAM RAIL B1 (POST 8 TO POST 10 AND POST 10 TO POST 12)
- E2 SLOTTED THRIE BEAM RAIL E1 (POST 1 TO POST 1)
- E3 SLOTTED THRIE BEAM RAIL B3 (POST 5 TO POST 8)
- E4 SLOTTED THRIE BEAM RAIL E4 (POST 1 TO POST 5)
- 5 BEYOND POST 12: CONSTRUCT STEEL THRIE BEAM - USE UNBENT STANDARD THRIE BEAM RAIL NO. 5.
- (100) DIMENSIONS ARE FROM BACK OF RAIL TO BACK OF RAIL WHERE RAIL IS BOLTED TO POST OR BLOCK.
- (101) U-BOLT CABLE CLIPS (3 PER CABLE) SPACED OUT ON NOSE, TO HOLD CABLE TO BACKSIDE OF THE RAIL.
- (102) NOSE CABLE WITH SWAGGED END BUTTONS.
- (103) NOSE CABLE ANCHOR PLATE (BACKSIDE OF SPLICE).
- (104) THE SLACK IN THE NOSE CABLES SHALL BE EVENLY DISTRIBUTED BETWEEN THE CABLE CLIP FASTENERS AND POST NO. 1 ON EITHER SIDE OF THE NOSE.
- (105) MINIMUM WORKING WIDTH 4' - 2".
- (106) MAX. WIDTH OF SYSTEM IS 14' - 2 ½" MEASURED FROM THE BACK OF RAIL TO BACK OF RAIL WHERE RAIL IS BOLTED TO A POST OR BLOCK.
- (107) FIXED OBJECT OR OTHER HAZARD.
- (108) PLAN IS TO PROVIDE STATION OFFSET TO CENTER OF POST 5 IN PLANS.



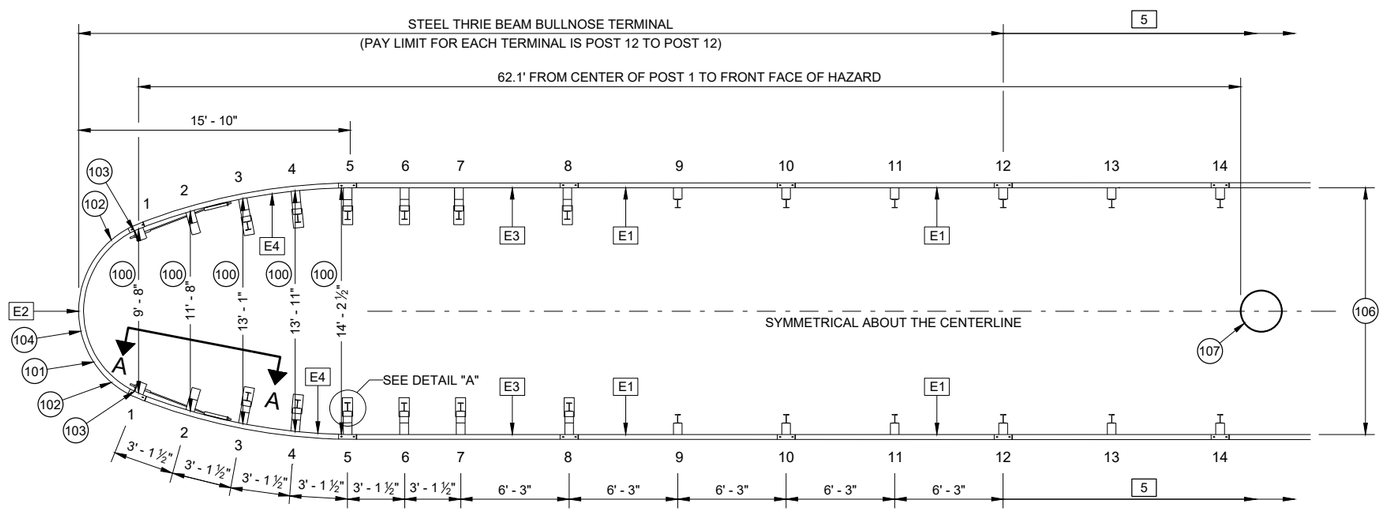
MEDIAN HAZARD PROTECTION PAY LIMITS



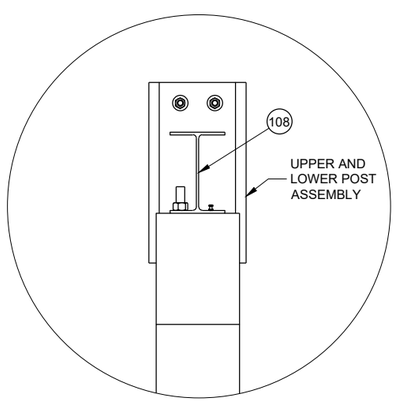
HAZARD FREE AREA
INSIDE BULLNOSE



LAPPING DETAIL



PLAN VIEW
TYPICAL BULLNOSE LAYOUT



DETAIL "A"

STEEL THRIE BEAM
BULLNOSE TERMINAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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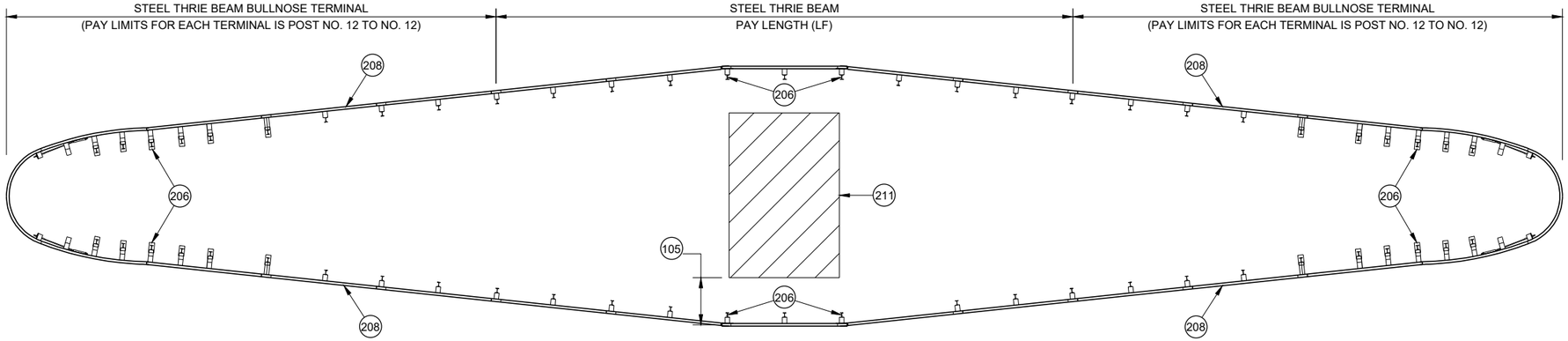


VARIABLE WIDTH BULLNOSE

GENERAL NOTES

200 6' - 3" ASYMMETRICAL 10-GAUGE W-BEAM TO THRIE BEAM GUARD TRANSITION. SEE SDD 14B45 FOR MORE INFORMATION.

201 W-BEAM RAIL. SEE SDD 14B42 FOR MORE INFORMATION.

202 SEE POST NO. 9 AND ALL STEEL THRIE BEAM POST BEYOND DETAIL.

203 SEE SDD 14B42 FOR INSTALLATION INFORMATION.

204 SEE SDD 14B45 FOR INSTALLATION DETAILS. REPLACE ASYMMETRICAL W-BEAM TO THRIE BEAM TRANSITION AND W-BEAM RAIL WITH E1. PAY FOR MODIFIED THRIE BEAM TRANSITION.

205 CONCRETE BARRIER OR BRIDGE RAIL.

206 SEE PLAN FOR STATION AND OFFSET TO CENTER OF POST.

207 SEE PLAN FOR STATION AND OFFSET TO CENTER OF SPLICE.

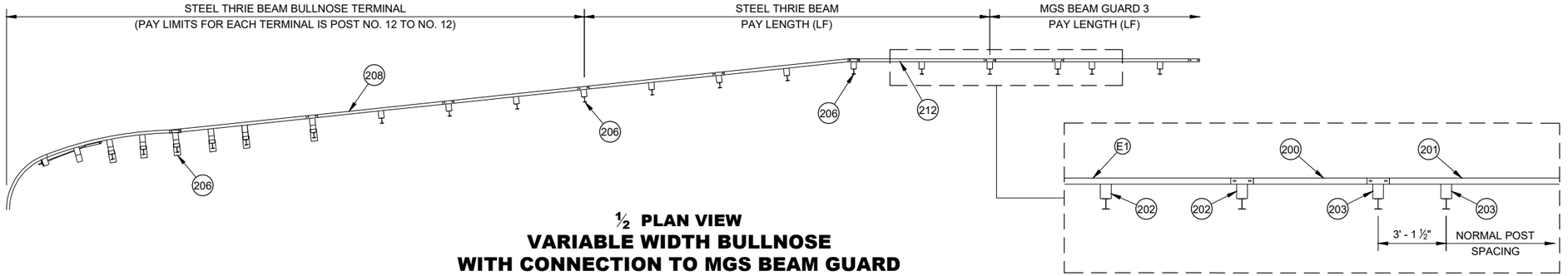
208 SEE PLAN FOR FLARE RATE.

209 A MINIMUM OF 25 FT OF THRIE BEAM TANGENT BEFORE TRANSITIONING TO BEAM GUARD OR THRIE BEAM TRANSITION.

210 NOT ALL BULLNOSE HARDWARE SHOWN. SEE OTHER SHEETS IN 14B26.

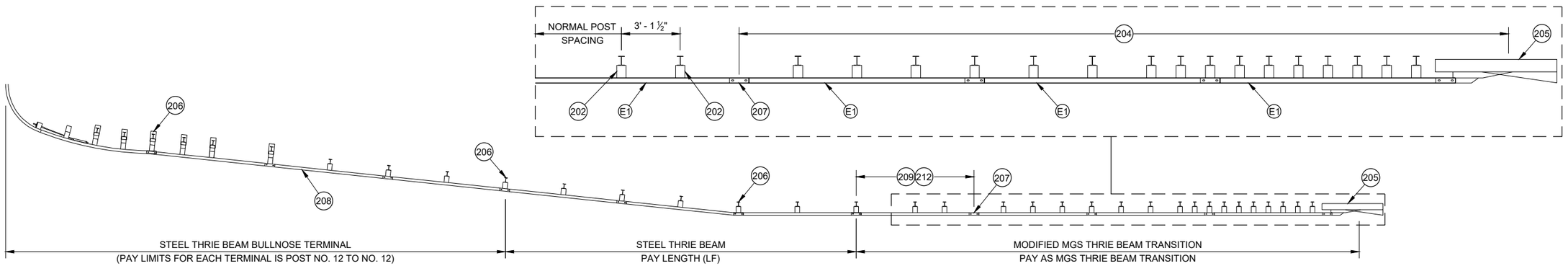
211 WIDER HAZARD TO BE SHIELDED.

212 TRANSITION RAIL HEIGHT TO 31" OVER THE LENGTH OF A 12' - 6" BEAM SECTION.



½ PLAN VIEW

VARIABLE WIDTH BULLNOSE WITH CONNECTION TO MGS BEAM GUARD



½ PLAN VIEW

VARIABLE WIDTH BULLNOSE WITH CONNECTION TO RIGID BARRIER

STEEL THRIE BEAM BULLNOSE TERMINAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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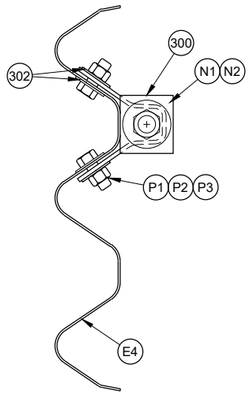
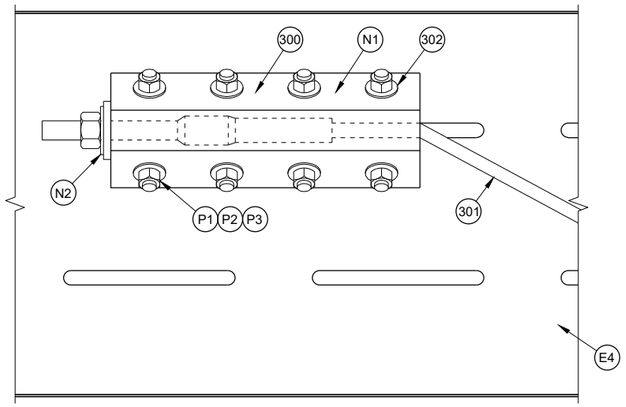
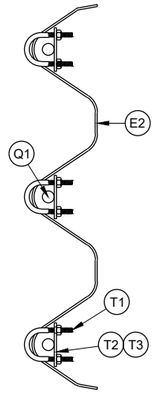


PROFILE VIEW

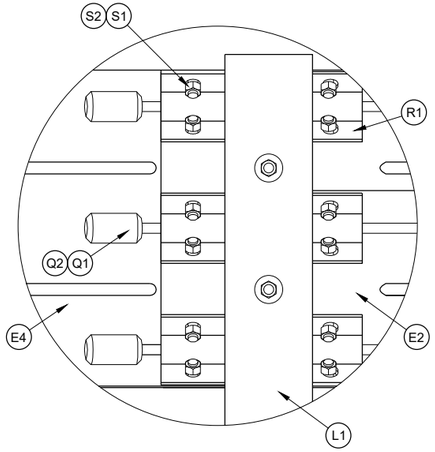
CABLE ANCHOR ASSEMBLY CONNECTION



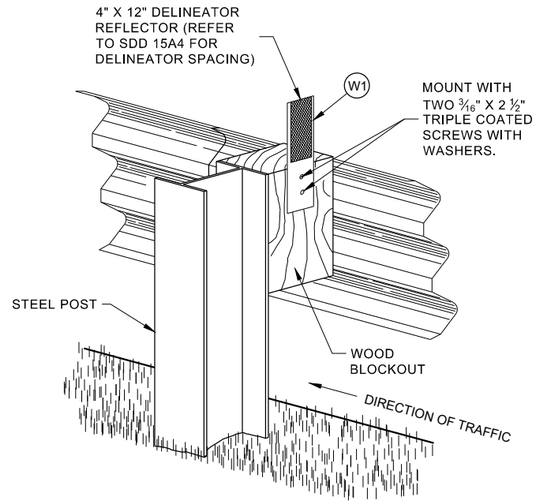
CABLE ANCHOR ASSEMBLY



NOSE CABLE RETAINING CLIP

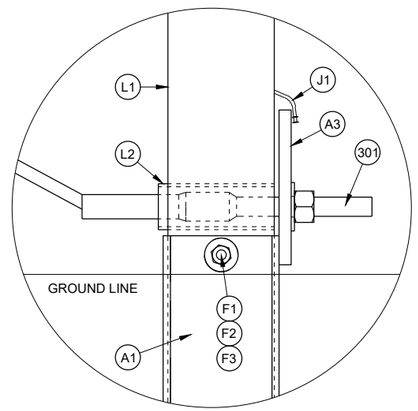


DETAIL "A"

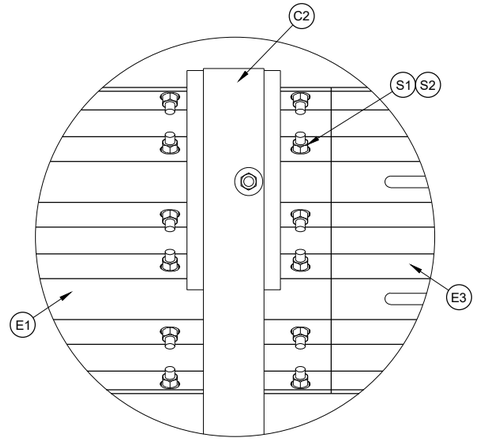


ONE SIDED REFLECTOR DETAIL AND TYPICAL INSTALLATION

CROSS SECTION A - A



DETAIL "B"



DETAIL "C"
THRIE BEAM SPLICE

GENERAL NOTES

(300) SEE ANCHOR BRACKET ASSEMBLY DETAIL.

(301) SEE ANCHOR CABLE ASSEMBLY DETAIL

(302) ONE WASHER BETWEEN BOLT HEAD AND RAIL AND BETWEEN NUT AND ANCHOR BRACKET ASSEMBLY.

(303) ONE WASHER BETWEEN BOLD HEAD AND FOUNDATION TUBE AND BETWEEN NUT AND FOUNDATION TUBE.

STEEL THRIE BEAM BULLNOSE TERMINAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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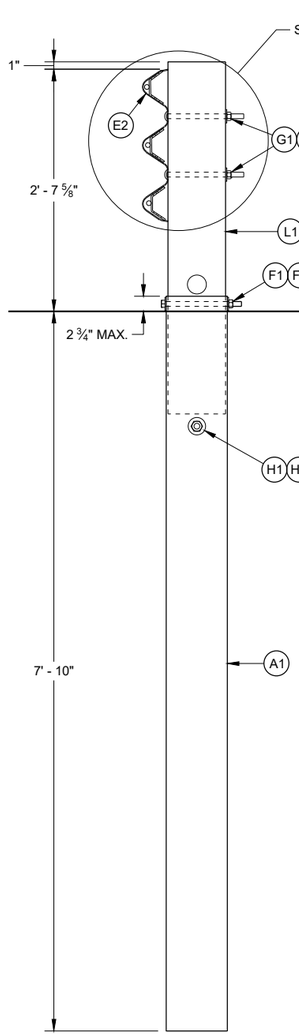
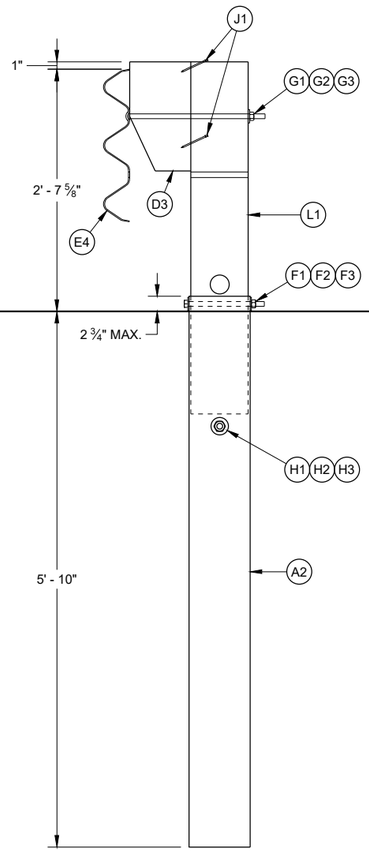


POST NO. 1



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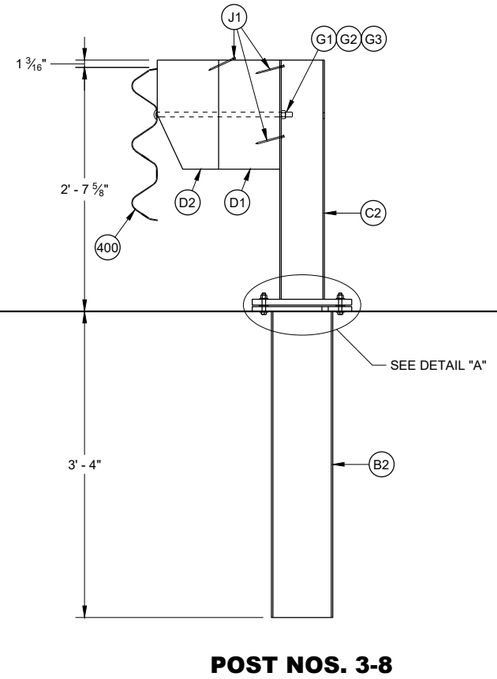
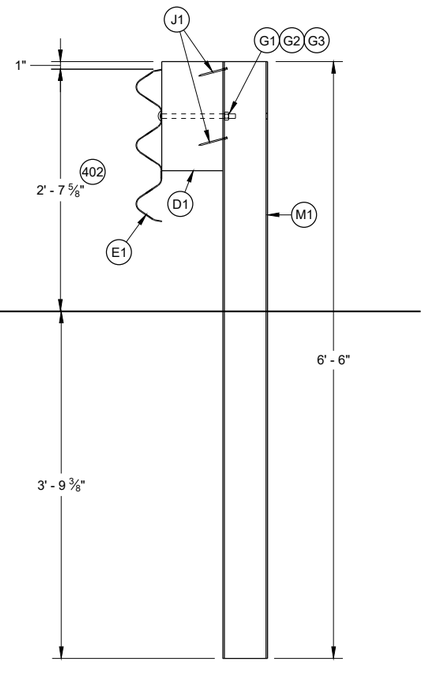


POST NOS. 3-8



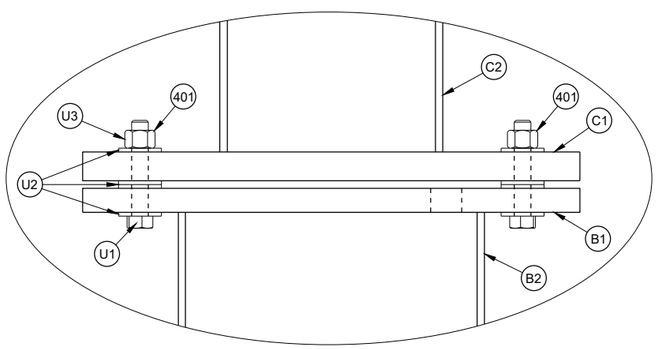
POST NOS. 9 AND ALL STEEL THRIE BEAM POSTS BEYOND

GENERAL NOTES

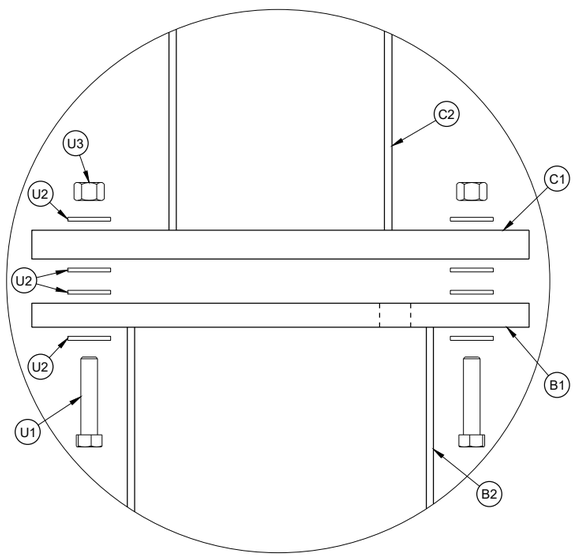
(400) RAIL CAN BE E3 OR E4 DEPENDING ON POST LOCATION.

(401) TORQUE BOLD BETWEEN 60-75 FT-LB

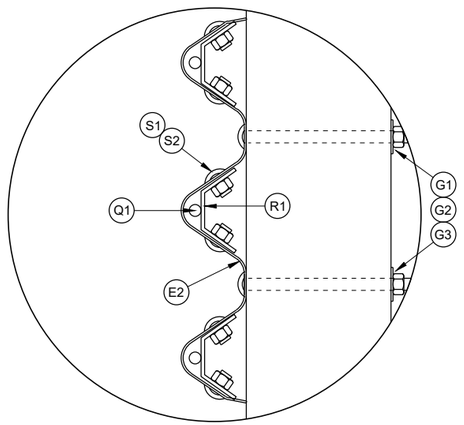
(402) HEIGHT WILL VARY WITHIN HEIGHT TRANSITION TO OTHER HARDWARE. SEE NOTE 213, SHEET "b".



DETAIL "A"



EXPLODED VIEW
DETAIL "A"



DETAIL "B"

STEEL THRIE BEAM BULLNOSE TERMINAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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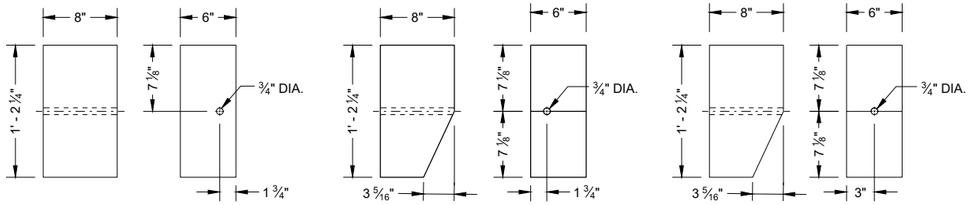
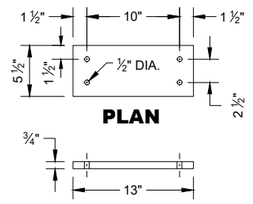


ELEVATION PROFILE
BLOCKOUT (D1)

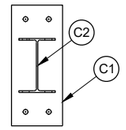
ELEVATION PROFILE
BLOCKOUT (D2)

ELEVATION PROFILE
BLOCKOUT (D3)

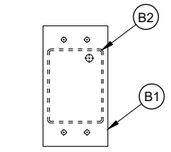


PLAN

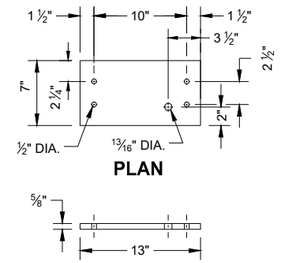
PROFILE
UPPER SHEAR PLATE (C1)



PLAN

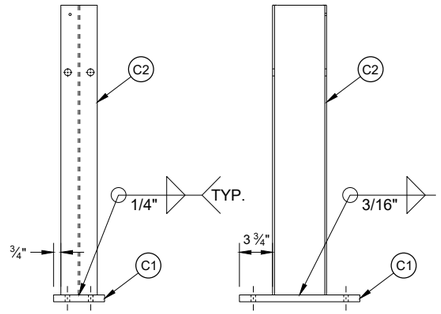


PLAN

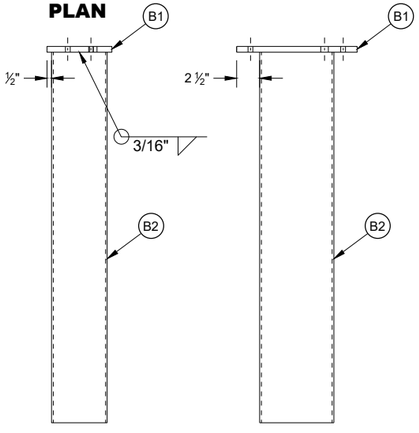


PLAN

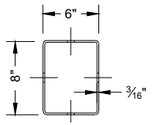
PROFILE
LOWER SHEAR PLATE (B1)



ELEVATION PROFILE
UPPER POST ASSEMBLY

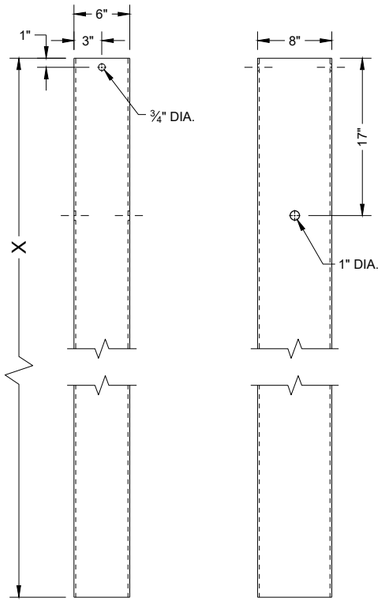


ELEVATION PROFILE
LOWER POST ASSEMBLY

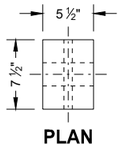


PLAN

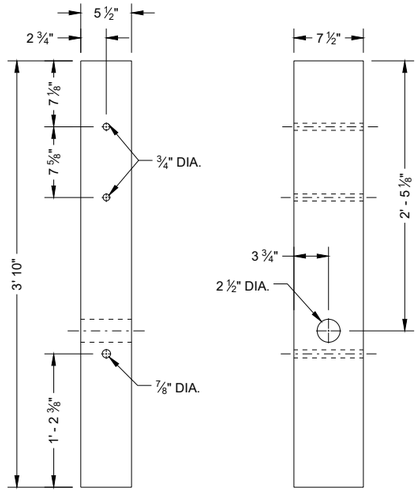
PART	LENGTH "X"
A1	8' - 0"
A2	6' - 0"
B2	3' - 4"



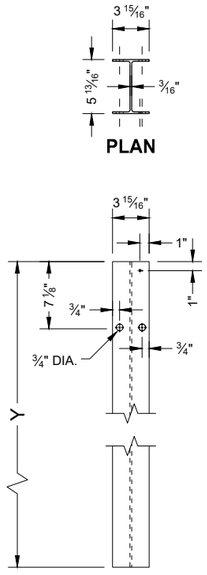
ELEVATION PROFILE
FOUNDATION TUBE



PLAN



ELEVATION PROFILE
BCT POST (L1)



ELEVATION
POST

PART	LENGTH "Y"
M1	6' - 6"
M2	5' - 8 5/8"
C2	2' - 7 5/8"

STEEL THRIE BEAM BULLNOSE TERMINAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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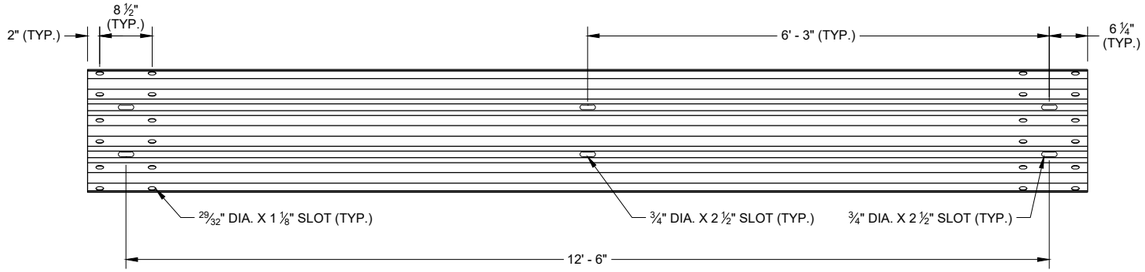
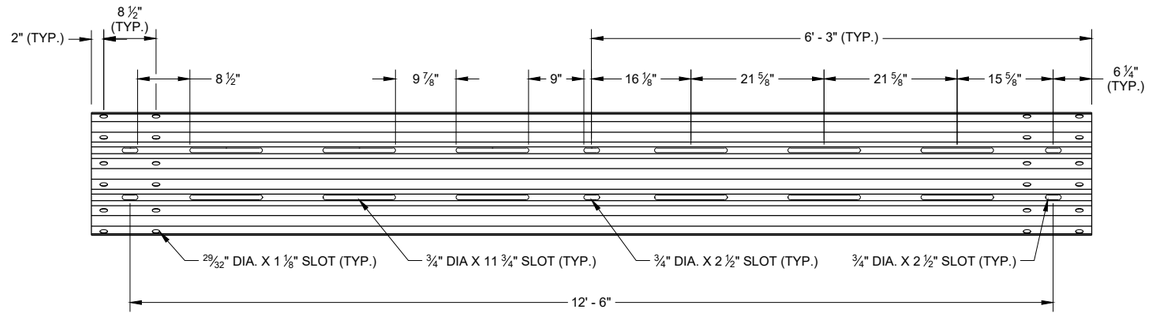
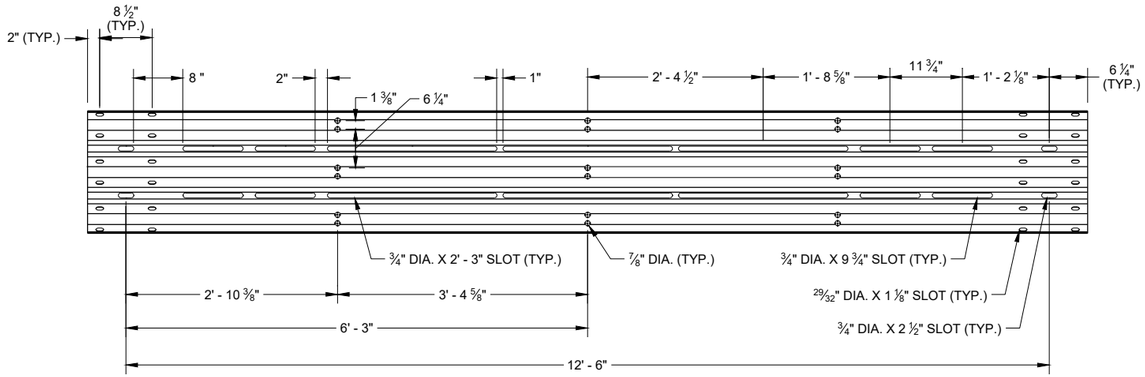


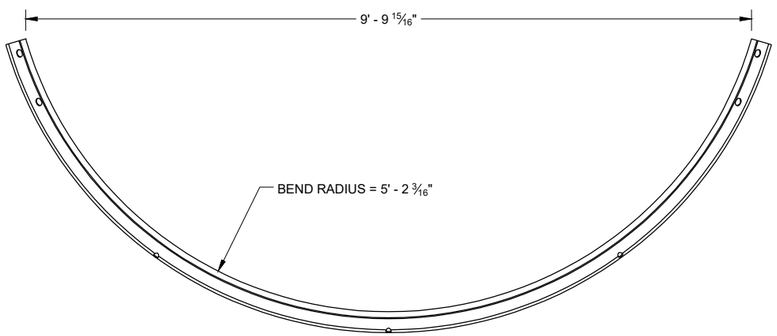
SLOTTED THRIE BEAM RAIL E1



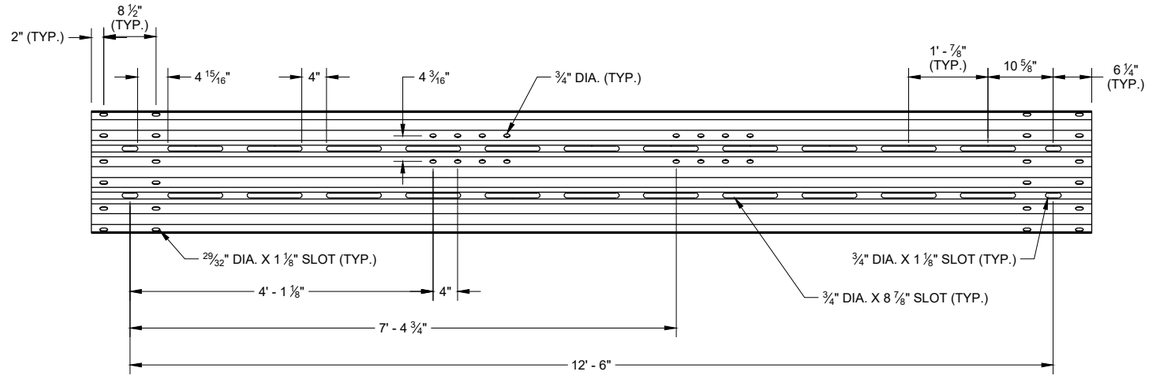
SLOTTED THRIE BEAM RAIL E3



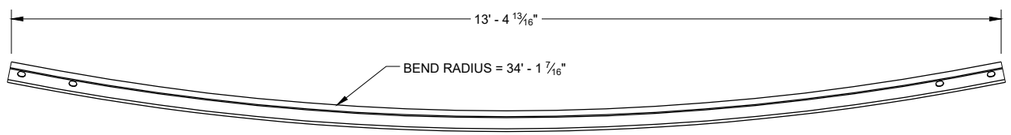
ELEVATION VIEW NON - RADIUSED
SLOTTED THRIE BEAM RAIL E2



PLAN VIEW
SLOTTED THRIE BEAM RAIL E2



ELEVATION VIEW NON - RADIUSED
SLOTTED THRIE BEAM RAIL E4



PLAN VIEW
SLOTTED THRIE BEAM RAIL E4

STEEL THRIE BEAM
BULLNOSE TERMINAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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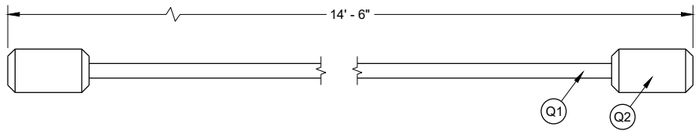
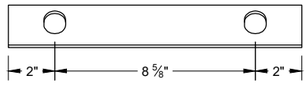
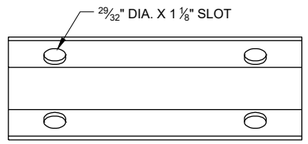


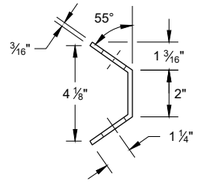
NOSE CABLE AND SWAGE BUTTON



PLAN VIEW

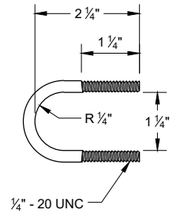


ELEVATION VIEW

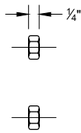


PROFILE VIEW

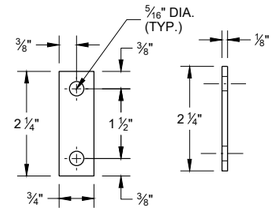
NOSE CABLE ANCHOR (R1)



U - BOLT (T1)

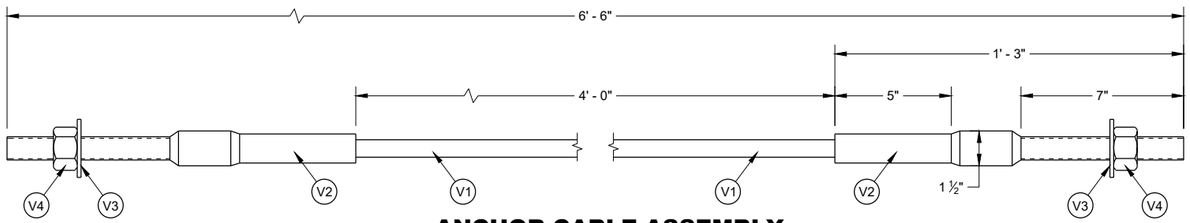


U - BOLT NUT (T3)

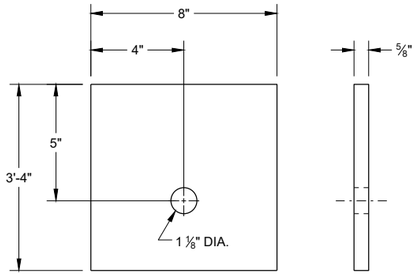


ELEVATION VIEW **PROFILE VIEW**

U - BOLT PLATE WASHER (T2)

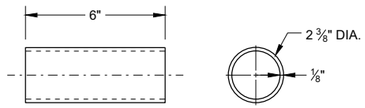


ANCHOR CABLE ASSEMBLY



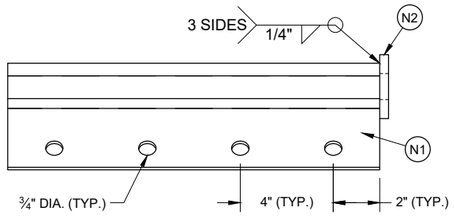
ELEVATION VIEW **PROFILE VIEW**

BCT BEARING PLATE (A3)

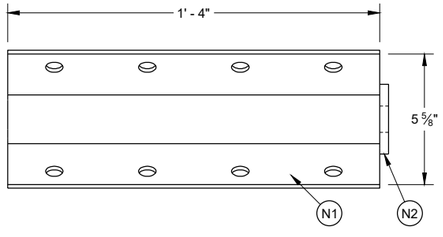


ELEVATION VIEW **PROFILE VIEW**

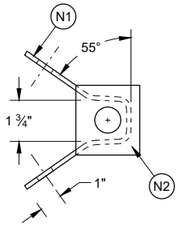
BCT POST SLEEVE (L2)



PLAN VIEW

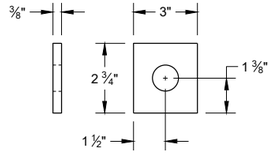


ELEVATION VIEW



PROFILE VIEW

ANCHOR BRACKET ASSEMBLY (N1)



ANCHOR BRACKET END PLATE (N2)

STEEL THRIE BEAM BULLNOSE TERMINAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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BILL OF MATERIALS LIST

PART NUMBER	DESCRIPTION	MATERIAL SPECIFICATION
A1	LONG FOUNDATION TUBE	AASHTO M111/ASTM A123 ASTM A500 GRADE B OR ASTM A-501
A2	FOUNDATION TUBE	AASHTO M111/ASTM A123 ASTM A500 GRADE B OR ASTM A-501
A3	BEARING PLATE AT POST	AASHTO M111/ASTM A123 ASTM A36 MIN STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI
B1	LOWER SLIP POST ASSEMBLY - PLATE	AASHTO M111/ASTM A123 ASTM A36 MIN STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI
B2	LOWER SLIP POST ASSEMBLY - TUBE	AASHTO M111/ASTM A123 ASTM A500 GRADE B OR ASTM A-501
C1	UPPER SLIP POST ASSEMBLY - PLATE	AASHTO M111/ASTM A123 ASTM A36 MIN STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI
C2	UPPER SLIP POST ASSEMBLY - POST	AASHTO M111/ASTM A123 ASTM A6 W6X9 OR W6X8.5 ASTM A36 MIN STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI
D1	BLOCK FOR STEEL POST - WOOD	WISDOT SPEC. 614
D2	TAPERED BLOCK FOR STEEL POST - WOOD	WISDOT SPEC. 614
D3	TAPERED BLOCK FOR BCT POST - WOOD	WISDOT SPEC. 614
E1	THRIE BEAM RAIL	AASHTO M180 CLASS A TYPE 2 APPROVED PRODUCER
E2	THRIE BEAM RAIL - SHOP BENT AND PUNCHED	AASHTO M180 CLASS A TYPE 2 APPROVED PRODUCER. INDICATE RADIUS BEAM GUARD IS BENT TO ON THE BACKSIDE OF RAIL. FOLLOW AASHTO M180. MARK RADIUS.
E3	THRIE BEAM RAIL - PUNCHED	AASHTO M180 CLASS A TYPE 2 APPROVED PRODUCER
E4	THRIE BEAM RAIL - SHOP BENT AND PUNCHED	AASHTO M180 CLASS A TYPE 2 APPROVED PRODUCER. INDICATE RADIUS BEAM GUARD IS BENT TO ON THE BACKSIDE OF RAIL. FOLLOW AASHTO M180. MARK RADIUS.
F1	5/8" DIA. HEX HEAD GROUND STRUT AND YOKE BOLT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1/ ASTM B695 CLASS 50 TYPE 1 UNC HEAVY HEX HEAD ASTM A307 GRADE B OR SAE J429 GRADE 2 OR ASTM F1554 GRADE 36
F2	5/8" DIA. GROUND STRUT AND YOKE BOLT - WASHER	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1/ ASTM B695 CLASS 50 TYPE 1 F436 TYPE 1 (HARDEN WASHER ONLY)
F3	GROUND STRUT AND YOKE BOLT - NUT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1/ ASTM B695 CLASS 50 TYPE 1 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291/ASTM A 563 HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5
G1	5/8 " DIA. POST BOLT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1/ ASTM B695 CLASS 50 TYPE 1 F436 TYPE 1 (HARDEN WASHER TYPICALLY USED WITH STEEL POSTS) OR ASTM F844 (UNHARDENED WASHER TYPICALLY USED WITH WOOD)
G2	POST BOLT - WASHER	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1/ ASTM B695 CLASS 50 TYPE 1 F436 TYPE 1 (HARDEN WASHER TYPICALLY USED WITH STEEL POSTS) OR ASTM F844 (UNHARDENED WASHER TYPICALLY USED WITH WOOD)
G3	POST BOLT - NUT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1/ ASTM B695 CLASS 50 TYPE 1 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291/ASTM A 563 AASHTO M180 RECESSED HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5
H1	7/8" DIA. SOIL TUBE BOLT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1/ ASTM B695 CLASS 50 TYPE 1 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291/ASTM A 563 HEAVY HEX HEAD 7/8" ASTM A563DH OR SAE J995 GRADE 5
H2	SOIL TUBE BOLT - WASHER	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1/ ASTM B695 CLASS 50 TYPE 1 7/8" ASTM F844 TYPE 1 (HARDEN WASHER ONLY)
H3	SOIL TUBE BOLT - NUT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1/ ASTM B695 CLASS 50 TYPE 1 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291/ASTM A 563 HEAVY HEX HEAD 7/8" ASTM A563DH OR SAE J995 GRADE 5
J1	16D DOUBLE HEAD NAIL	ASTM A153 HOT DIPPED CLASS D DOUBLE HEAD ASTM F1667 TYPE 1 STYLE 12 (16 DOUBLE HEADED)
L1	BCT TIMBER POST	WISDOT SPEC. 614 S4S FINISH ON 4 SIDE
L2	BCT POST SLEEVE	AASHTO M111/ASTM A123 2 3/8" OD ASTM 53 GRADE B
M1	W6X8.5 OR W6X9 STEEL POST	AASHTO M111/ASTM A123 ASTM A6 W6X9 OR W6X8.5 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI
M2	W6X8.5 OR W6X9 STEEL POST	AASHTO M111/ASTM A123 ASTM A6 W6X9 OR W6X8.5 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI
N1	ANCHOR BRACKET	AASHTO M111/ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI
N2	ANCHOR BRACKET - BEARING PLATE	AASHTO M111/ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI

PART NUMBER	DESCRIPTION	MATERIAL SPECIFICATION
P1	5/8" DIA. ANCHOR BRACKET BOLT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1/ ASTM B695 CLASS 50 TYPE 1 UNC HEAVY HEX HEAD 5/8" ASTM A307 GRADE B OR SAE J429 GRADE 2 OR ASTM F1554 GRADE 36
P2	ANCHOR BRACKET BOLT - WASHER	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1/ ASTM B695 CLASS 50 TYPE 1 F436 TYPE 1 (HARDEN WASHER ONLY)
P3	SOIL TUBE BOLT - NUT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1/ ASTM B695 CLASS 50 TYPE 1 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291/ASTM A 563 HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5
Q1	5/8" DIA. NOSE CABLE	6X19 AASTHO M30 / ASTM A741 XIPS INDEPENDENT WIRE CORE (IWRC) PR 6X25 XIPS, IWRC NOMINAL BREAKING STRENGTH OF 41.2 KIPS.
Q2	NOSE CABLE-SWAGE BUTTON	COLD TUFF BUTTON, S-409 SIZE NO. 12 STOCK NUMBER 1040395 OR ANY OTHER SIMILAR SIZED WAGED-GRIP-BUTTON FERRULES. ASTM A576 GRADE 1035 SWAGE FITTING ARE TO BE FIELD SWAGED PER MANUFACTURERS RECOMMENDATION. NOMINAL BREAKING STRENGTH OF 41.2 KIPS.
R1	NOSE CABLE ANCHOR BRACKET	AASHTO M111/ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI
S1	5/8" DIA. SPLICE BOLT - BOLT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1 / ASTM B695 CLASS 50 TYPE 1 UNC AASHTO M180 HEAD ASTM A307 GRADE B OR SAE J429 GRADE 2 OR ASTM F1554 GRADE 36
S2	SPLICE - BOLT NUT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1 / ASTM B695 CLASS 50 TYPE 1 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291/ASTM A 563 AASHTO M180 RECESSED HEAVY HEX HEAD 5/8" ASTM A563DH OR SAE J995 GRADE 5
T1	1/4" DIA. NOSE CABLE - U BOLT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1 / ASTM B695 CLASS 50 TYPE 1 UNC HEAVY HEX HEAD ASTM A307 GRADE B OR SAE J429 GRADE 2 OR ASTM F1554 GRADE 36
T2	U-BOLT - PLATE WASHER	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1 / ASTM B695 CLASS 50 TYPE 1 F436 TYPE 1 (HARDEN WASHER ONLY)
T3	U-BOLT NUT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1/ ASTM B695 CLASS 50 TYPE 1 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291 / ASTM A 563 HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5
U1	7/16" DIA. SLIP POST ASSEMBLY - BREAKAWAY BOLT	ASTM A153 OR B695 CLASS 55 OR F2329 UNC FULLY THREADED HEX HEAD TAP BOLT ASTM A449 OR SAE J429 GRADE 5
U2	7/16" DIA. SLIP POST ASSEBLY - BREAKAWAY BOLT - WASHER	ASTM F436 TYPE I (HARDEN TYPICALLY USED WITH STEEL) GALV. AASHTO M111/ASTM A 123 OR GALV. HOT DIP. TO POST BOLT CLASS C / ASTM F2329 OR GALV. MECHANICALLY TO AASHTO M232 CLASS C / ASTM A153 CLASS C / ASTM AASHTO M298 CLASS 50, TYPE 1 / ASTM B695 CLASS 55, F2329
U3	SLIP POST ASSEBLY - BREAKAWAY BOLT - NUT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1 / STM B695 CLASS 50 TYPE 1 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291/ASTM A 563 HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5
V1	¾" DIA. BCT CABLE	AASHTO M30 / ASTM A741 6X19 INDEPENDENT WIRE CORE (IWRC) IMPROVED PLOW STEEL (IPS), 6X19 INDEPENDENT WIRE CORE (IWRC) IMPROVED PLOW STEEL (IPS) TYPE II OR IIC, CLASS C ZINC COATED MIN BREAKING STRENGTH OF 42.7 KIPS
V2	ANCHOR CABLE-SWAGE FITTING	UNC ASTM A576 GRADE 1035 SWAGE FITTING ARE TO BE FACTORY SWAGED. MIN. BREAKING STRENGTH OF 42.7 KIPS. ASME B30.26 "FORGED, CAST, OR DIE STAMPED WITH THE FOLLOWING IN TO CONNECTION: NAME OF MANUFACTURE OR TRADEMARK OF CONNECTION'S MANUFACTURER, SIZE OR RATED LOAD, GRADE FOR ALLOY EYEBOLTS."
V3	1" DIA. ANCHOR CABLE-WASHER	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1 / ASTM B695 CLASS 50 TYPE 1 F436 TYPE 1 (HARDEN WASHER ONLY)
V4	1" DIA. ANCHOR CABLE-NUT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1/ ASTM B695 CLASS 50 TYPE 1 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291 / ASTM A 563 HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5
W1	REFLECTOR	SEE SDD 15A4

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SDD 14B26 - 05h

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SDD 14B26 - 05h

STEEL THRIE BEAM BULLNOSE TERMINAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

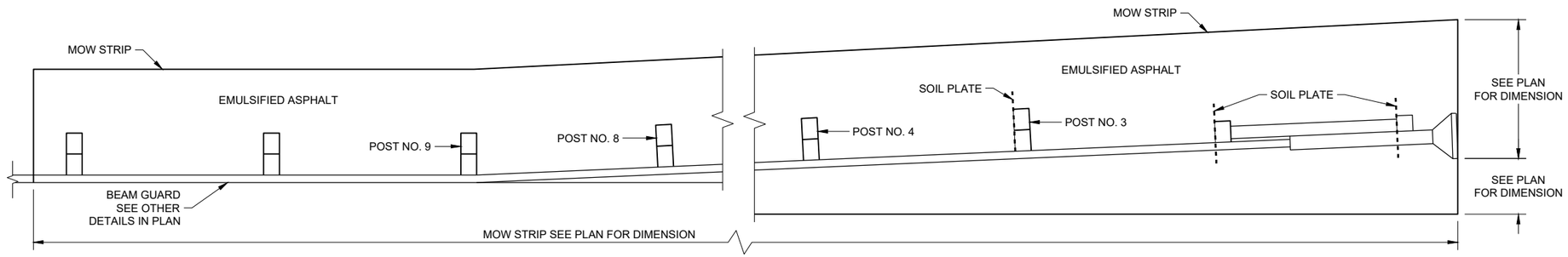
APPROVED

November 2022
DATE

/S/ Rodney Taylor
ROADWAY STANDARDS DEVE ENGINEER

FHWA

649



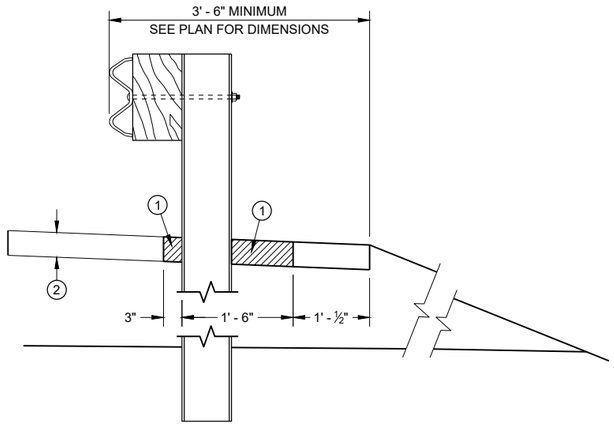
PLAN VIEW

MOW STRIP LAYOUT FOR ENERGY ABSORBING TERMINAL

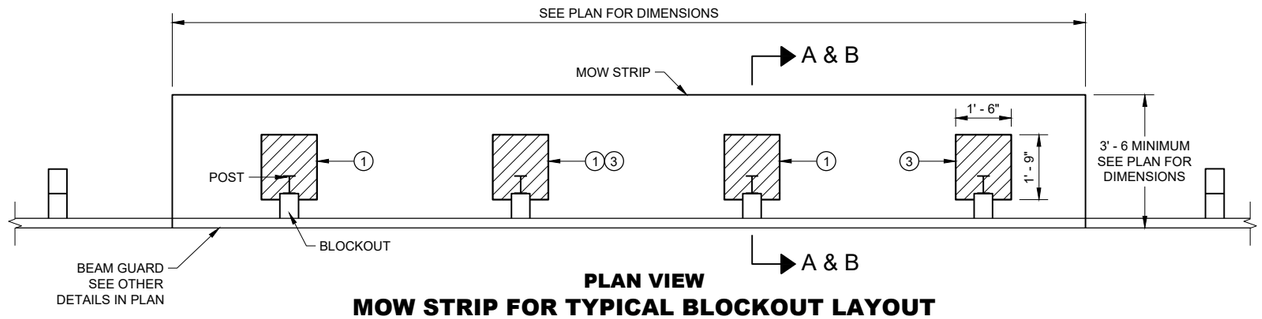
GENERAL NOTES

ONLY USE STEEL POSTS IN CONCRETE AND ASPHALT MOW STRIPS.

1. CONTROLLED LOW-STRENGTH BACKFILL OR EMULSIFIED ASPHALT.
2. DEPTH OF MOW STRIP:
   ASPHALT - 4"
   CONCRETE - 4"
   EMULSIFIED ASPHALT - 1" OR LESS
3. FOR EMULSIFIED ASPHALT, MOW STRIP STRIP LEAVE OUTS NOT REQUIRED. (TYPICAL FOR ALL POSTS)

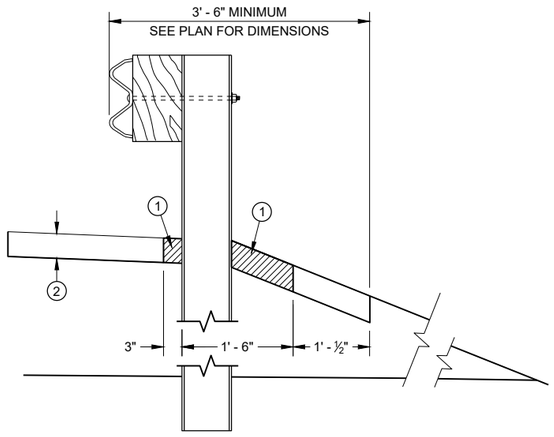


SECTION A - A

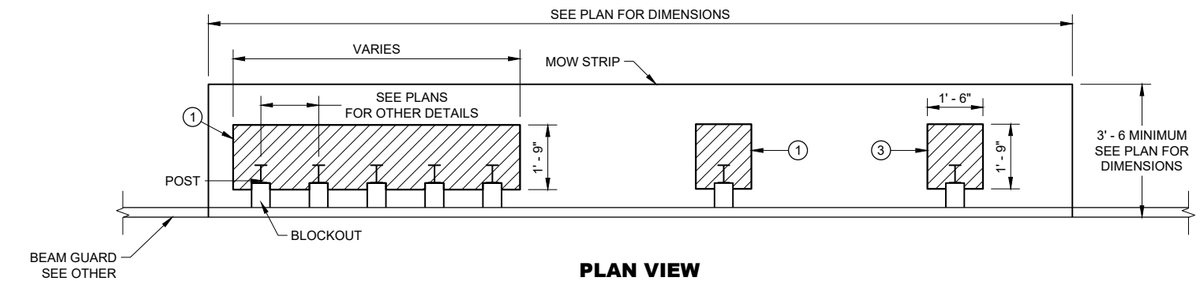


PLAN VIEW

MOW STRIP FOR TYPICAL BLOCKOUT LAYOUT

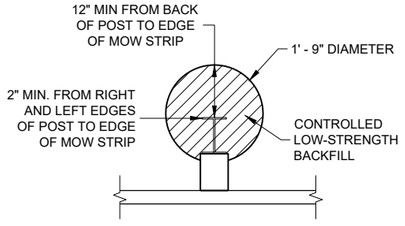


SECTION B - B

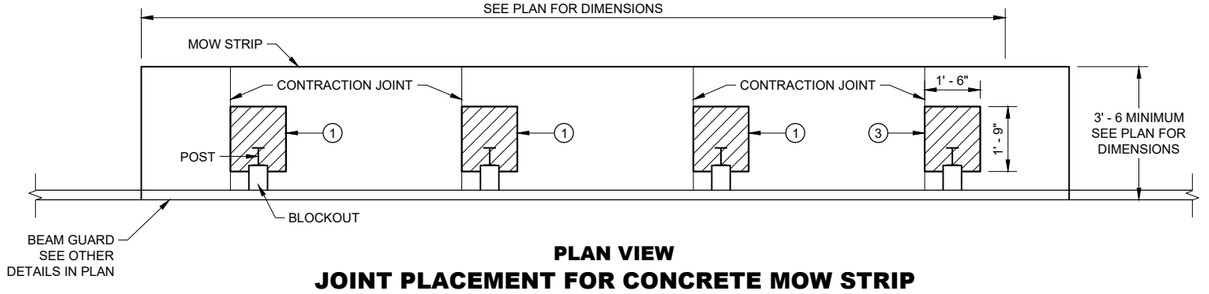


PLAN VIEW

MOW STRIP FOR TIGHT SPACING LAYOUT



ALTERNATIVE HMA MOW STRIP DESIGN



PLAN VIEW

JOINT PLACEMENT FOR CONCRETE MOW STRIP

GUARDRAIL MOW STRIP

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

650

SDD 14B28 - 04a

SDD 14B28 - 04a

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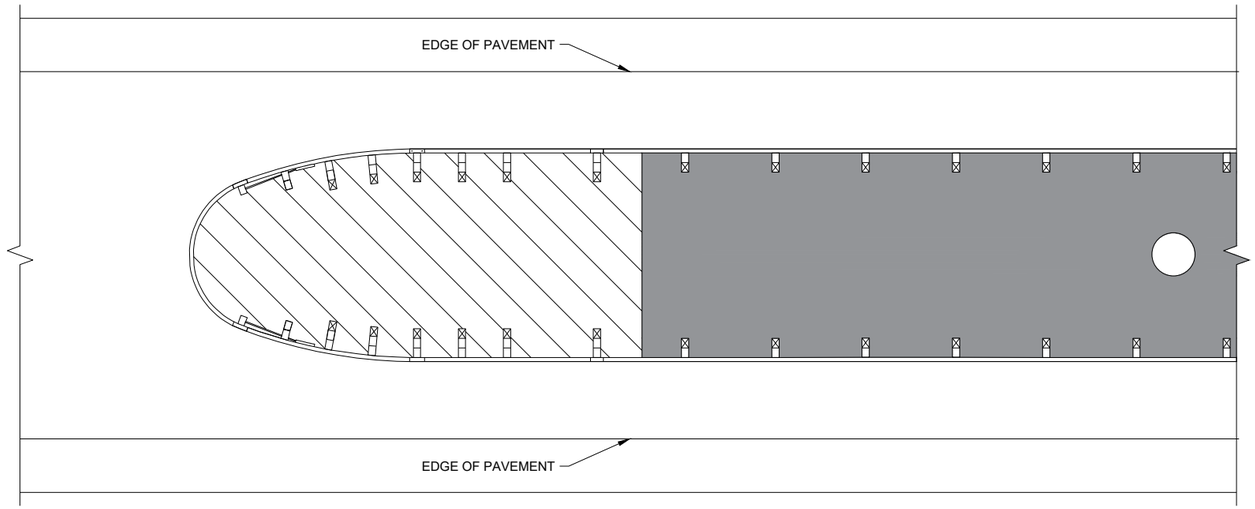
LEGEND

CONCRETE, ASPHALT, OR EMULSIFIED ASPHALT MOW STRIP (SEE OTHER DETAILS)

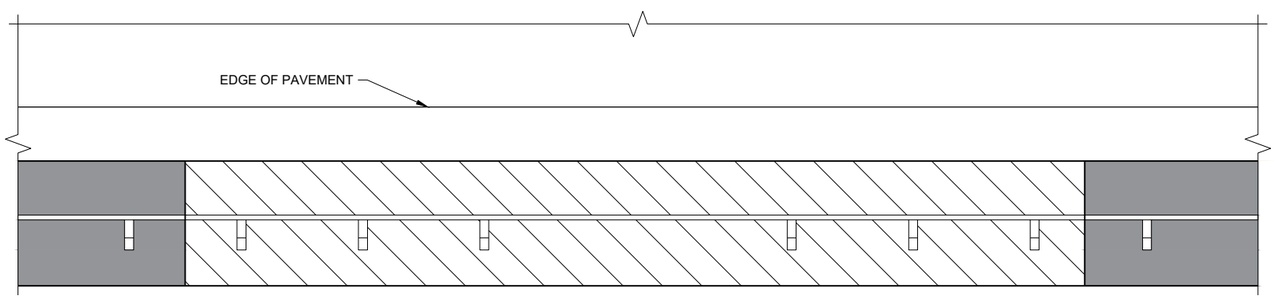
EMULSIFIED ASPHALT MOW STRIP (SEE OTHER DETAILS)

GENERAL NOTES

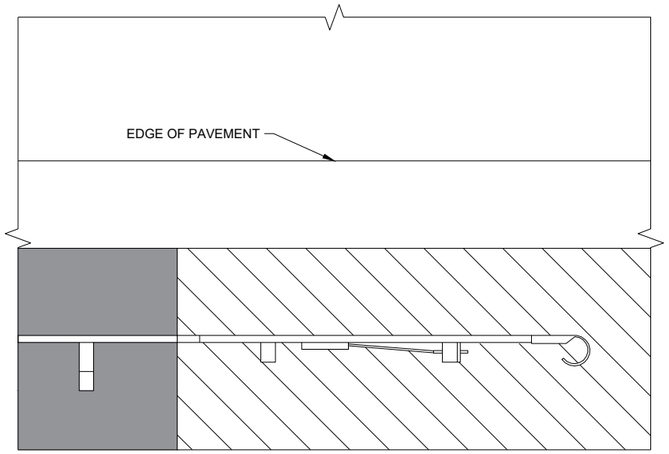
EXISTING THRIE BEAM BULLNOSES MAY HAVE WOOD POSTS. NEW THRIE BEAM BULLNOSE WILL HAVE STEEL POSTS.



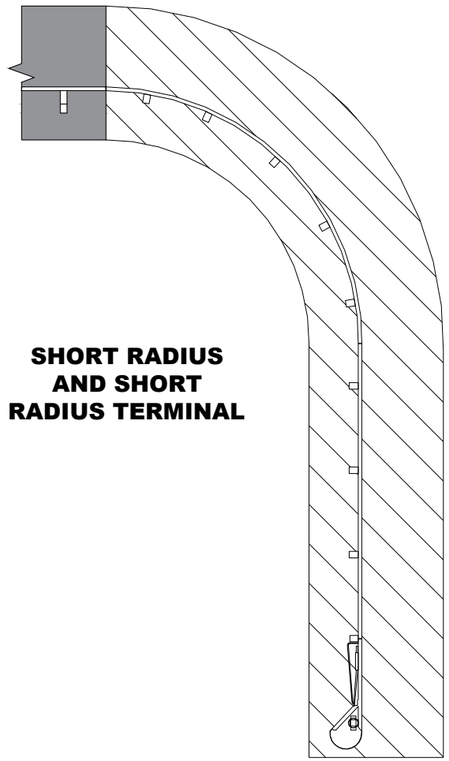
THRIE BEAM BULLNOSE



LONG - SPAN



TYPE 2 TERMINAL



SHORT RADIUS AND SHORT RADIUS TERMINAL

GUARDRAIL MOW STRIP

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
August 2020
DATE

/S/ Rodney Taylor
ROADWAY STANDARDS DEVE ENGINEER

FHWA

651

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SDD 14B28 - 04b

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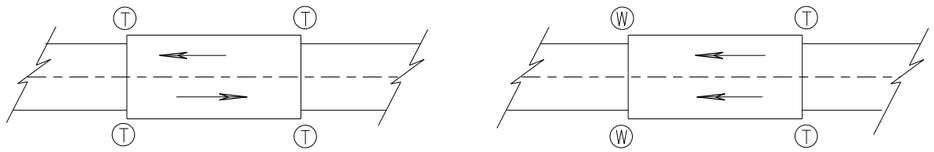
SDD 14B28 - 04b



TWO WAY TRAFFIC

ONE WAY TRAFFIC

(T) THRIE BEAM CONNECTION

(W) W-BEAM CONNECTION WHEN REQUIRED

TYPICAL LOCATIONS OF THRIE BEAM AND W-BEAM CONNECTIONS TO BRIDGE

GENERAL NOTES

IF ROCK IS ENCOUNTERED, REMOVE ROCK TO FULL DEPTH OF POST PLUS 2½", AND 12" DIAMETER AROUND POST. SEE 14B42 FOR MORE DETAILS.

TRANSITION USES STEEL POSTS ONLY.

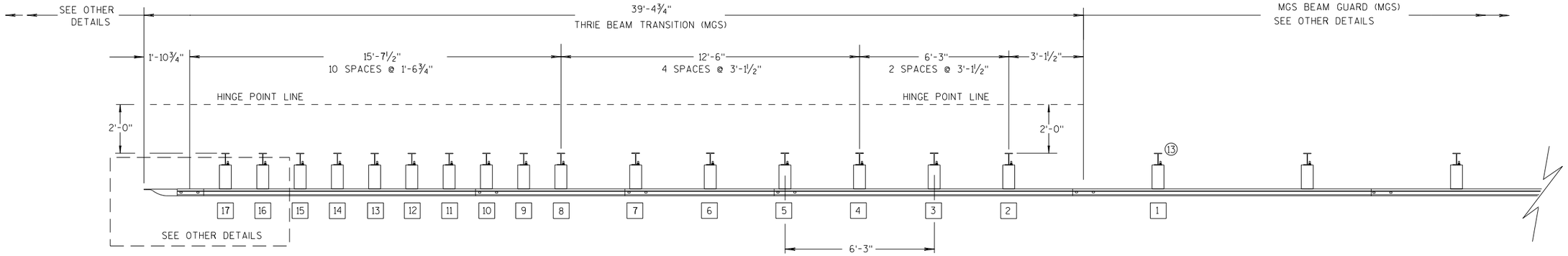
SEE STANDARD DETAIL DRAWING 14 B 42 FOR MORE INFORMATION.

POST 2 THROUGH 17 USES STEEL POST ONLY

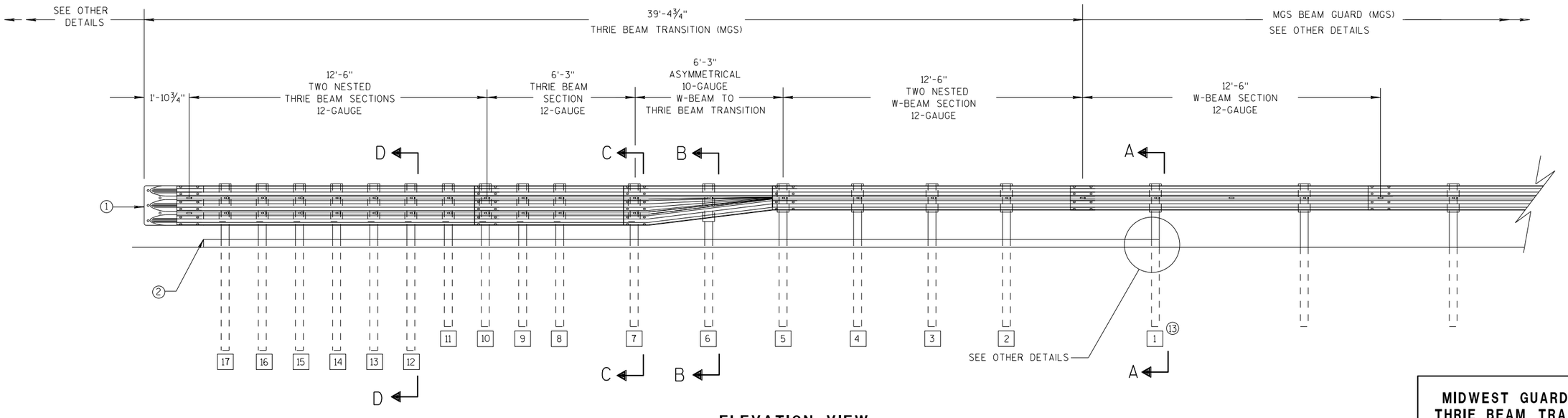
(1) BRIDGE RAILING TYPE "W" DOES NOT REQUIRE A TERMINAL CONNECTOR.

(2) OPTIONAL CURB AND GUTTER OR DRAINAGE FEATURE SEE PLAN FOR INFORMATION.

(13) STEEL OR WOOD POST IS ACCEPTABLE AT POST 1. SEE SDD14B42



PLAN VIEW



ELEVATION VIEW

MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR 652

6

S.D.D. 14 B 45-5a

6

S.D.D. 14 B 45-5a

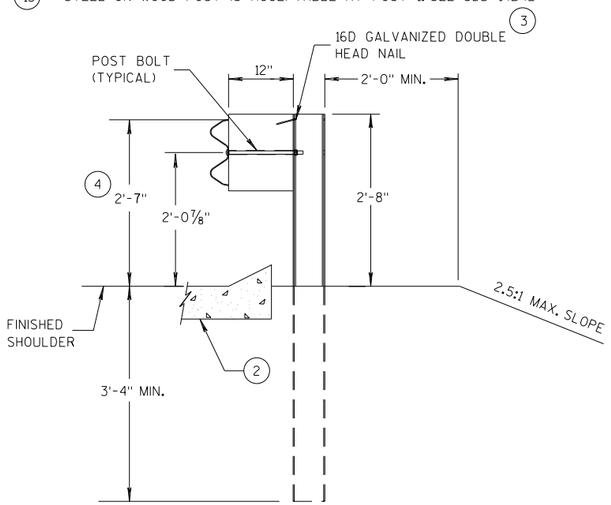
GENERAL NOTES

(2) OPTIONAL CURB AND GUTTER OR DRAINAGE FEATURE SEE PLAN FOR INFORMATION.

(3) WHEN USING STEEL POSTS AND WOOD BLOCKOUTS INSTALL FOUR 10D GALVANIZED NAILS. INSTALL NAILS AT THE BACK CORNERS OF THE BLOCK AND BEND THE NAILS OVER THE FLANGE OF THE STEEL POST.

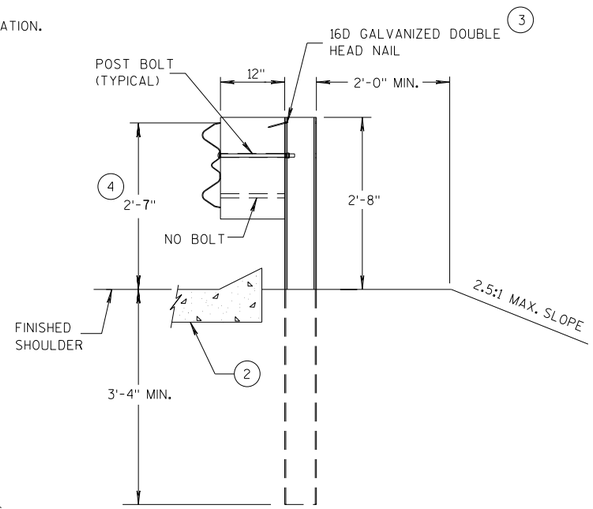
(4) TOLERANCE FOR TOP OF W-BEAM RAIL IS ± 1".

(13) STEEL OR WOOD POST IS ACCEPTABLE AT POST 1. SEE SDD 14B42



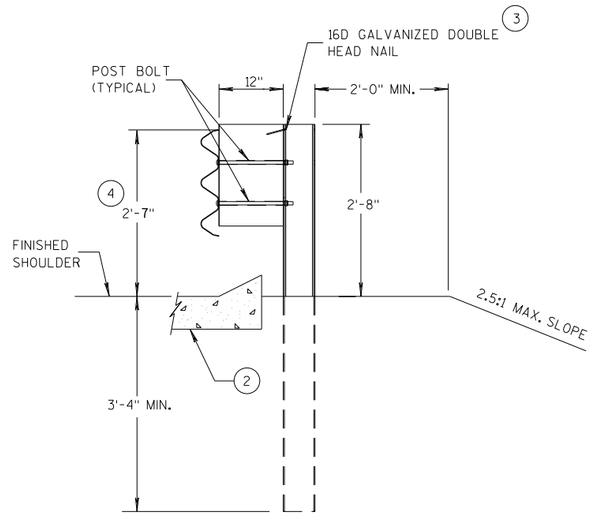
SECTION A-A (13)

POSTS 1-5



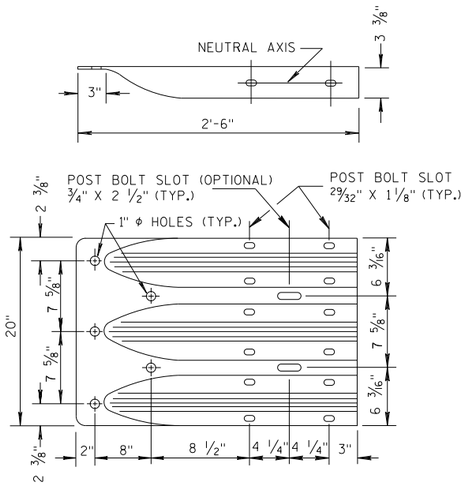
SECTION B-B

POST 6

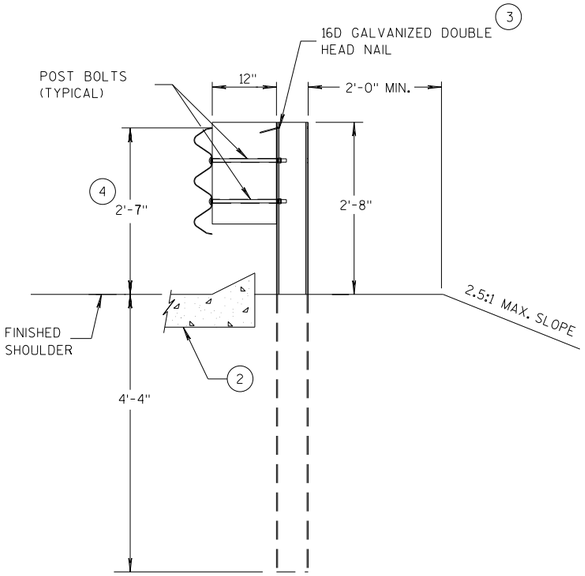


SECTION C-C

POSTS 7-11

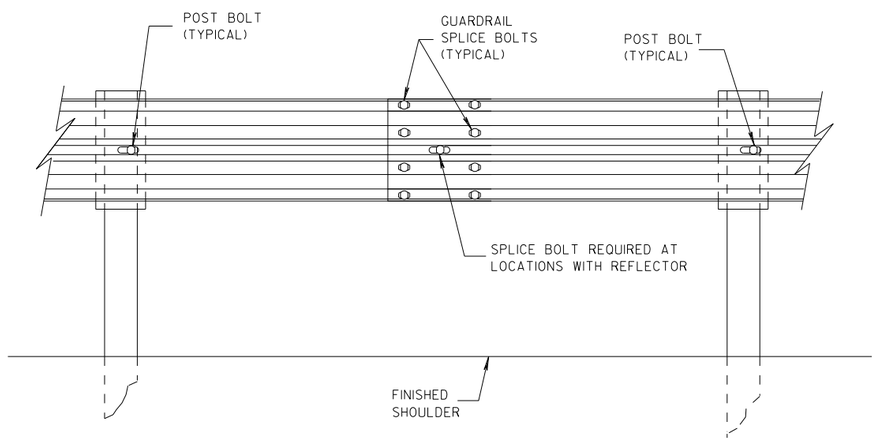


THRIE BEAM TERMINAL CONNECTOR



SECTION D-D

POSTS 12-17



SPLICE DETAIL

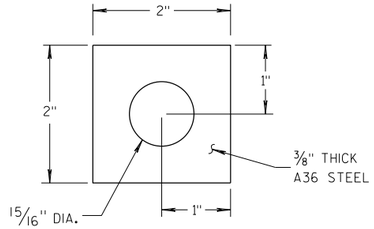
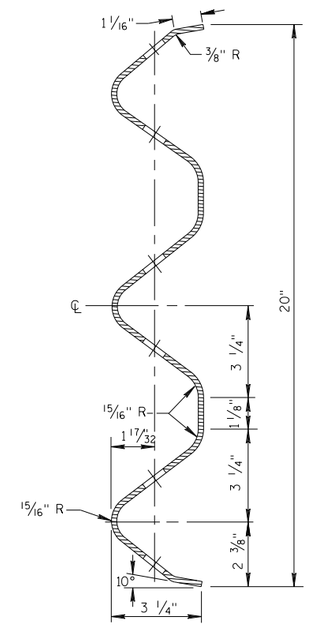


PLATE WASHER DETAIL



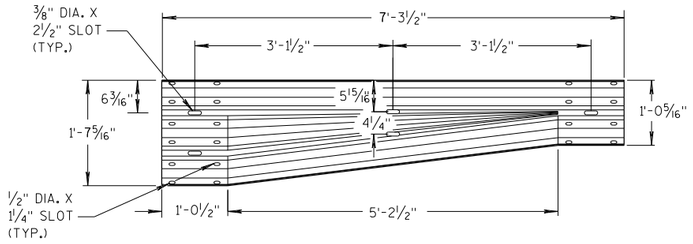
SECTION THRU THRIE BEAM RAIL ELEMENT

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

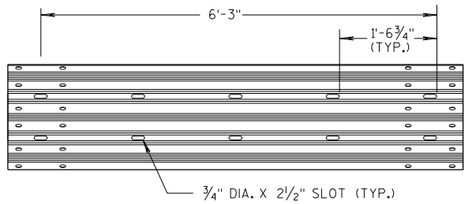
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOF

6

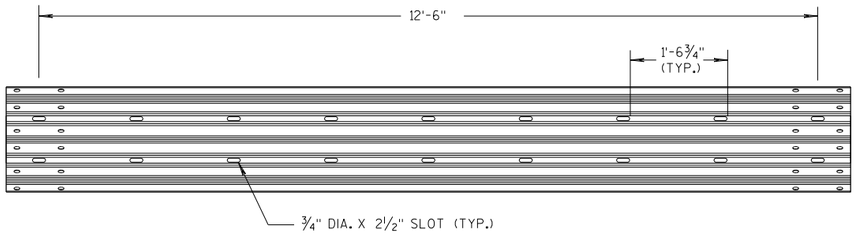
S.D.D. 14 B 45-5b



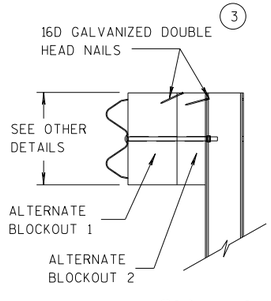
W-BEAM TO THRIE BEAM TRANSITION SECTION



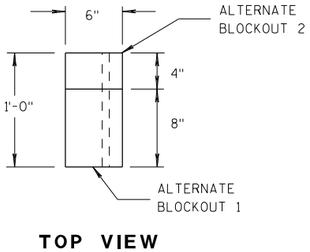
6'-3" THRIE BEAM SECTION



12'-6" THRIE BEAM SECTION

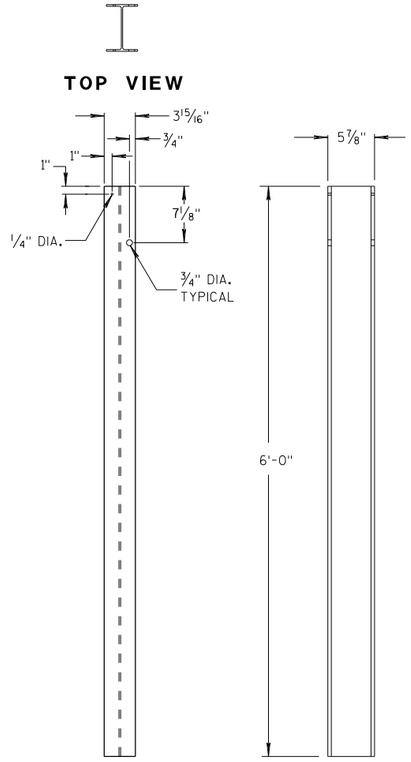


SIDE VIEW



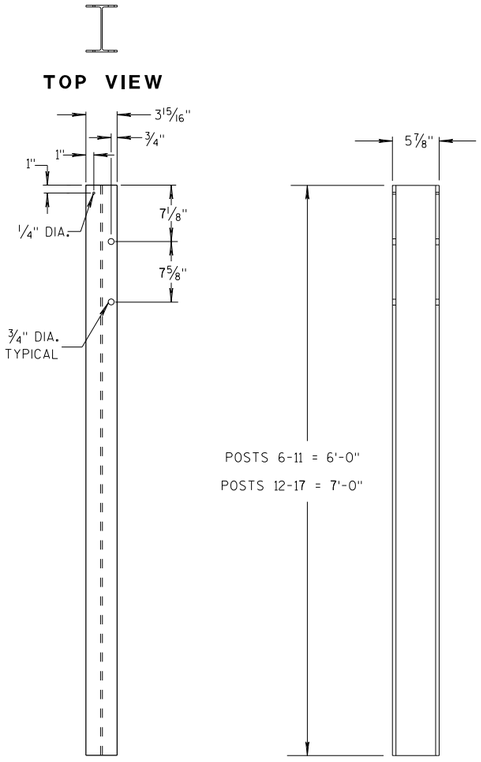
TOP VIEW

ALTERNATE WOOD BLOCKOUT DETAIL



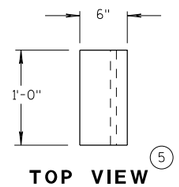
FRONT VIEW SIDE VIEW

STEEL POSTS 1-5 (13)

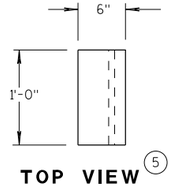


FRONT VIEW SIDE VIEW

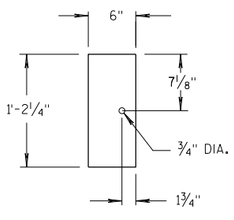
STEEL POSTS 6-17



TOP VIEW (5)

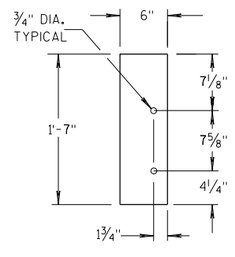


TOP VIEW (5)



FRONT VIEW

BLOCKOUT POSTS 1-5



FRONT VIEW

BLOCKOUT POSTS 6-17

GENERAL NOTES

STEEL POSTS ARE W6X9 OR W6X8.5.

BOLT HOLES FOR POST ARE ON FRONT AND OF SIDE OF POST.

(3) WHEN USING STEEL POSTS AND WOOD BLOCKOUTS INSTALL FOUR 16D GALVANIZED NAILS. INSTALL NAILS AT THE BACK CORNERS OF THE BLOCK AND BEND THE NAILS OVER THE FLANGE OF THE STEEL POST.

(5) WOOD BLOCKS MAY BE CONSTRUCTED OUT OF 2 WOOD BLOCKS. SEE ALTERNATE WOOD BLOCK DETAIL.

(13) STEEL OR WOOD POST IS ACCEPTABLE AT POST 1. SEE SDD 14B42.

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOF 654

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S.D.D. 14 B 45-5c

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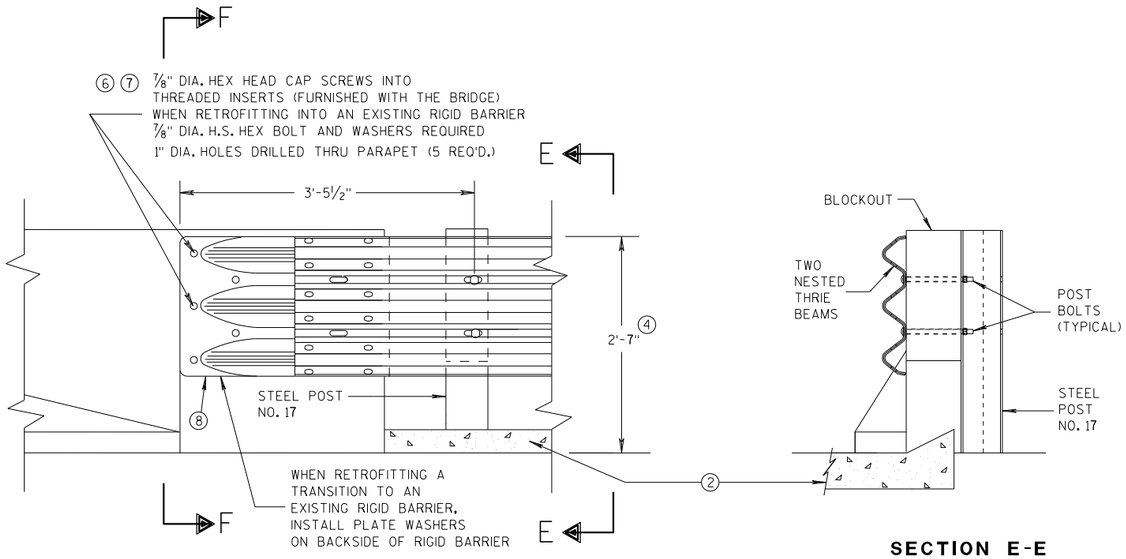
S.D.D. 14 B 45-5c



FRONT VIEW

SECTION E-E

THRIE BEAM CONNECTION TO BRIDGE PARAPET WITH SQUARE ENDS

GENERAL NOTES

THESE ARE TYPICAL CONNECTION DETAILS. ADJUST THE POSTION OF CONNECTIONS TO EXISTING BRIDGES TO FIT THE ACTUAL BRIDGE AND SITE DIMENSIONS.

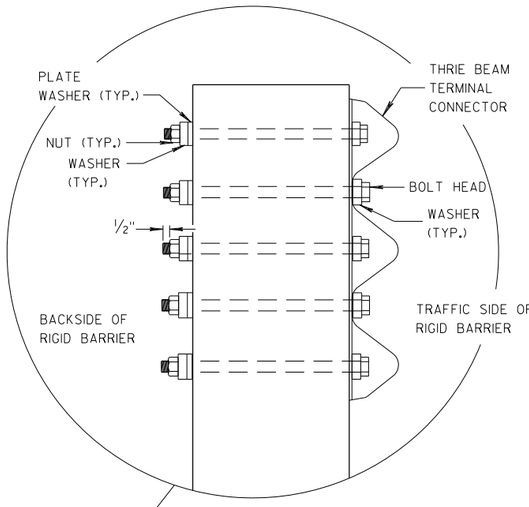
② OPTIONAL CURB AND GUTTER OR DRAINAGE FEATURE SEE PLAN FOR INFORMATION.

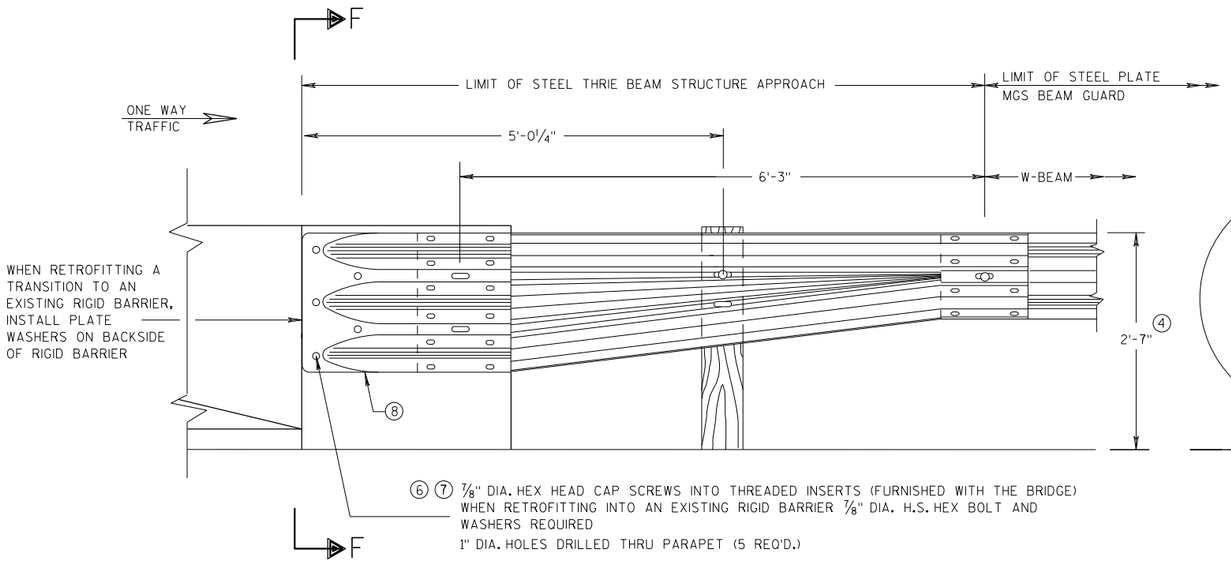
④ TOLERANCE FOR TOP OF BEAM IS ± 1".

⑥ DRILLING BOLT HOLES THROUGH THE PARAPET, BOLTS, NUTS, WASHERS AND REPAIRING DAMAGED CONCRETE ARE INCIDENTAL TO THE CONTRACT.

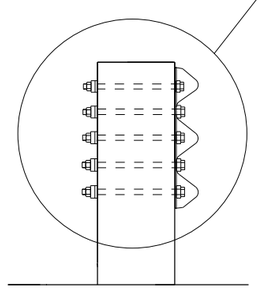
⑦ BOLTS MAY BE A325 BOLTS OR A449 BOLTS. BOLT LENGTH AND THREADING LENGTH ARE TO ALLOW FOR A TIGHT CONNECTION BETWEEN RIGID BARRIER AND THRIE BEAM CONNECTION PLATE. CONTRACTOR IS TO FIELD VERIFY BOLT LENGTH AND THREAD LENGTH. ONE ROUND WASHER REQUIRED BETWEEN BOLT HEAD AND THRIE BEAM CONNECTOR PLATE. BOLTS THAT EXTEND THROUGH THE PARAPET AND OUT THE BACK FACE REQUIRE A HARDENED ROUND STEEL WASHER THAT IS 2" O.D. X 5/32" THICK AND ONE PLATE WASHER. REPAIR ANY DAMAGED CONCRETE FROM BOLT INSTALLATION.

⑧ THE RECESS FOR A W-BEAM CONNECTION, WHICH EXISTS ON SOME PARAPETS OF THIS TYPE, SHALL BE FILLED WITH A TREATED TIMBER BLOCKOUT. BLOCKOUT SIZE IS 1'-6" X 2'-0" X 3 1/2".

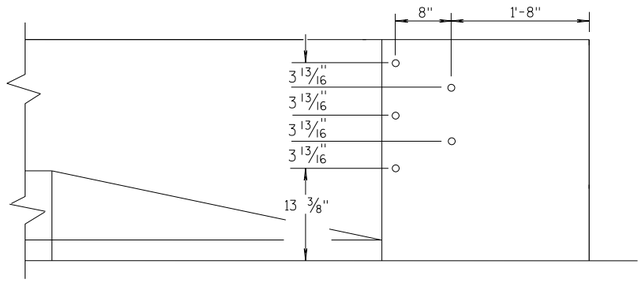




FRONT VIEW



SECTION F-F



DRILL HOLE LOCATION

W BEAM TRANSITION AND CONNECTION TO BRIDGE PARAPETS WITH SQUARE ENDS

(USE ONLY ON THE TRAFFIC EXIT END OF ONE WAY BRIDGES)

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
07/2018 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS D UNIT SUPERVIS NT
FHWA

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S.D.D. 14 B 45-5d

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S.D.D. 14 B 45-5d

GENERAL NOTES

THESE ARE TYPICAL CONNECTION DETAILS. ADJUST THE POSTION OF CONNECTIONS TO EXISTING BRIDGES TO FIT THE ACTUAL BRIDGE AND SITE DIMENSIONS.

(2) OPTIONAL CURB AND GUTTER OR DRAINAGE FEATURE SEE PLAN FOR INFORMATION.

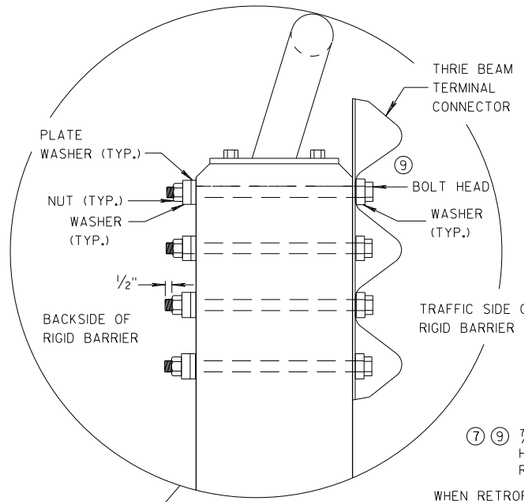
(4) TOLERANCE FOR TOP OF BEAM IS ± 1".

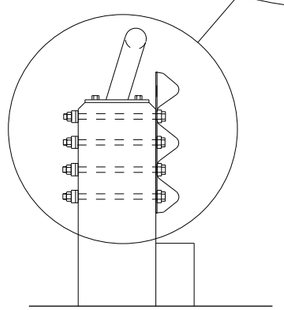
(6) DRILLING BOLT HOLES THROUGH THE PARAPET, BOLTS, NUTS, WASHERS AND REPAIRING DAMAGED CONCRETE ARE INCIDENTAL TO THE CONTRACT.

(7) BOLTS MAY BE A325 BOLTS OR A449 BOLTS. BOLT LENGTH AND THREADING LENGTH ARE TO ALLOW FOR A TIGHT CONNECTION BETWEEN RIGID BARRIER AND THRIE BEAM CONNECTION PLATE. CONTRACTOR IS TO FIELD VERIFY BOLT LENGTH AND THREAD LENGTH. ONE ROUND WASHER REQUIRED BETWEEN BOLT HEAD AND THRIE BEAM CONNECTOR PLATE. BOLTS THAT EXTEND THROUGH THE PARAPET AND OUT THE BACK FACE REQUIRE A HARDENED ROUND STEEL WASHER THAT IS 2" O.D. X 5/32" THICK AND ONE PLATE WASHER. REPAIR ANY DAMAGED CONCRETE FROM BOLT INSTALLATION.

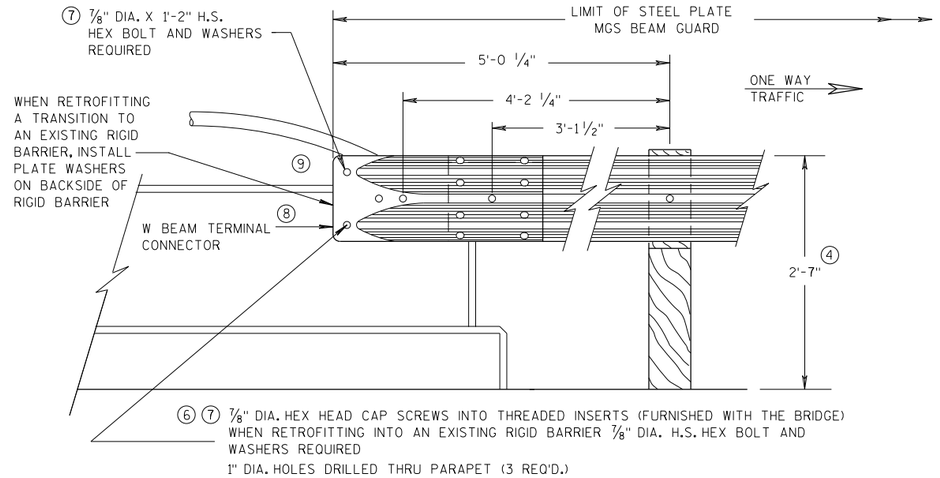
(8) THE RECESS FOR A W-BEAM CONNECTION, WHICH EXISTS ON SOME PARAPETS OF THIS TYPE, SHALL BE FILLED WITH A TREATED TIMBER BLOCKOUT. BLOCKOUT SIZE IS 1'-6" X 2'-0" X 3 ½".

(9) BOLT, NUT AND WASHERS NOT REQUIRED FOR THIS LOCATION WHEN RETROFITTING AN EXISTING PAPAPET AND THE HOLE IS EITHER ABOVE PARAPET OR WITHIN 4 INCHES OF THE EDGE OF PARAPET.





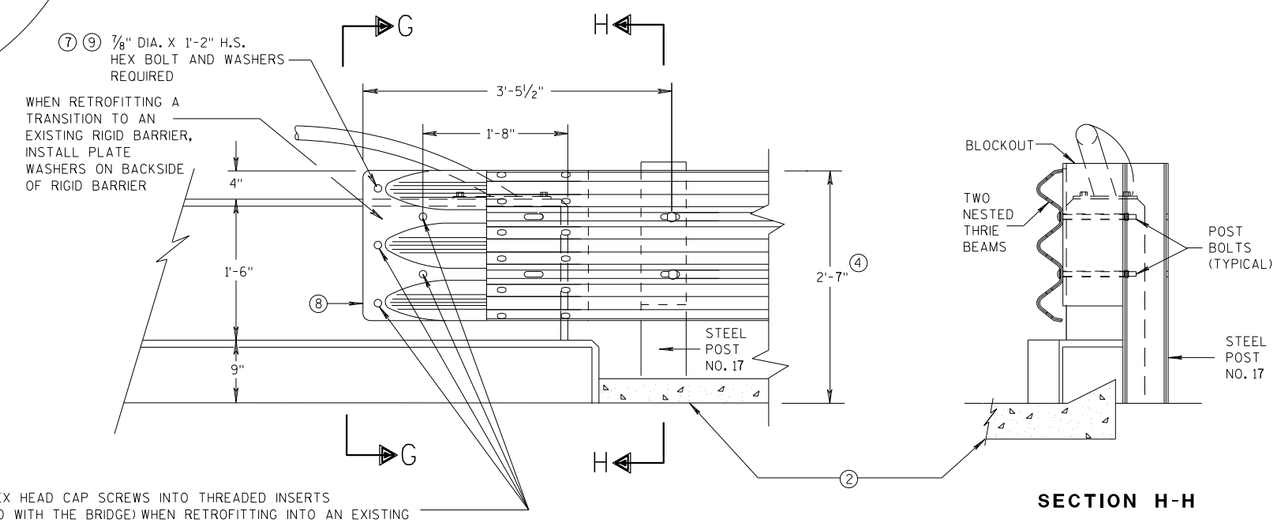
SECTION G-G



FRONT VIEW

W BEAM CONNECTION TO VERTICAL FACE PARAPET

(USE ONLY ON THE TRAFFIC EXIT END OF ONE WAY BRIDGES)



FRONT VIEW

SECTION H-H

THRIE BEAM CONNECTION TO VERTICAL FACED PARAPETS

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
07/2018 — DATE
/S/ Rodney Taylor
ROADWAY STANDARDS D[illegible] UNIT SUPERVIS[illegible]
FHWA

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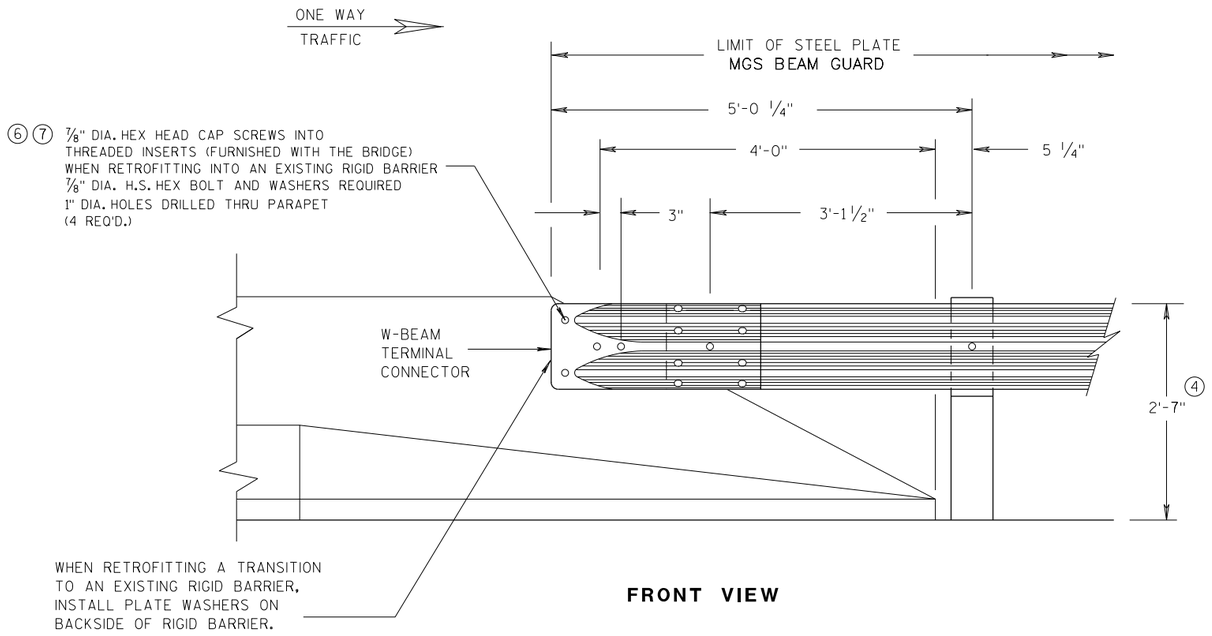
S.D.D. 14 B 45-5e



FRONT VIEW

W BEAM CONNECTION TO PARAPETS WITH SLOPED ENDS

(USE ONLY AT TRAFFIC EXIT END OF ONE WAY BRIDGE)

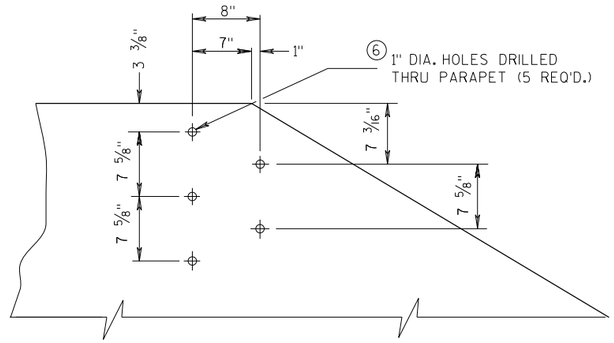
GENERAL NOTES

② OPTIONAL CURB AND GUTTER OR DRAINAGE FEATURE SEE PLAN FOR INFORMATION.

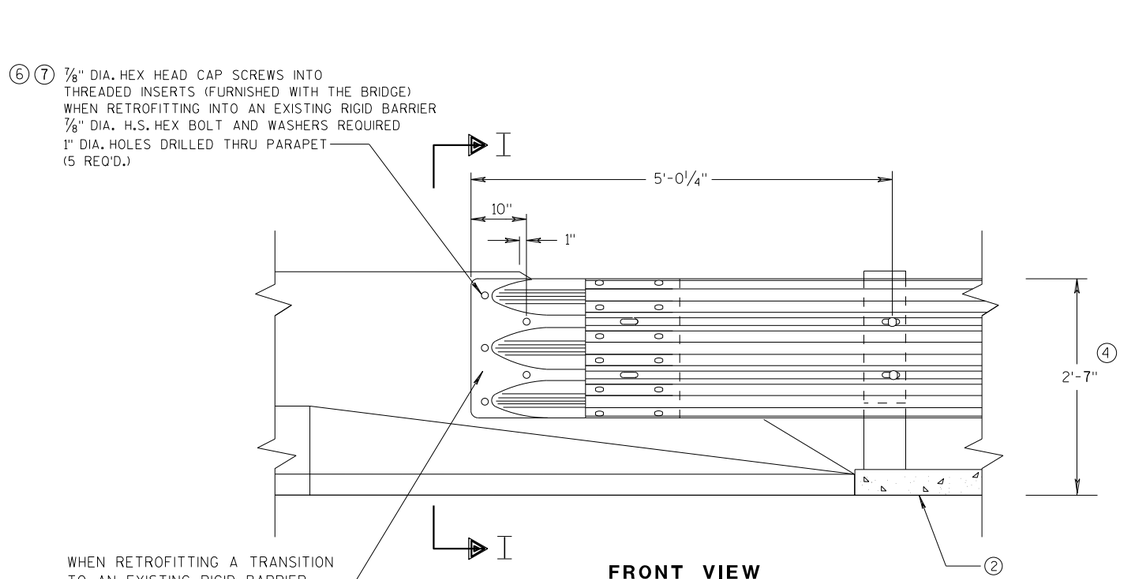
④ TOLERANCE FOR TOP OF BEAM IS ± 1".

⑥ DRILLING BOLT HOLES THROUGH THE PARAPET, BOLTS, NUTS, WASHERS AND REPAIRING DAMAGED CONCRETE ARE INCIDENTAL TO THE CONTRACT.

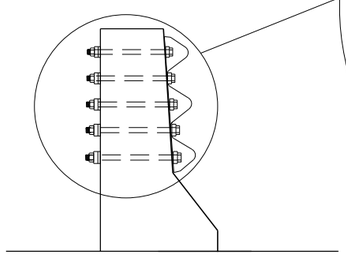
⑦ BOLTS MAY BE A325 BOLTS OR A449 BOLTS. BOLT LENGTH AND THREADING LENGTH ARE TO ALLOW FOR A TIGHT CONNECTION BETWEEN RIGID BARRIER AND THRIE BEAM CONNECTION PLATE. CONTRACTOR IS TO FIELD VERIFY BOLT LENGTH AND THREAD LENGTH. ONE ROUND WASHER REQUIRED BETWEEN BOLT HEAD AND THRIE BEAM CONNECTOR PLATE. BOLTS THAT EXTEND THROUGH THE PARAPET AND OUT THE BACK FACE REQUIRE A HARDENED ROUND STEEL WASHER THAT IS 2" O.D. X 5/32" THICK AND ONE PLATE WASHER. REPAIR ANY DAMAGED CONCRETE FROM BOLT INSTALLATION.



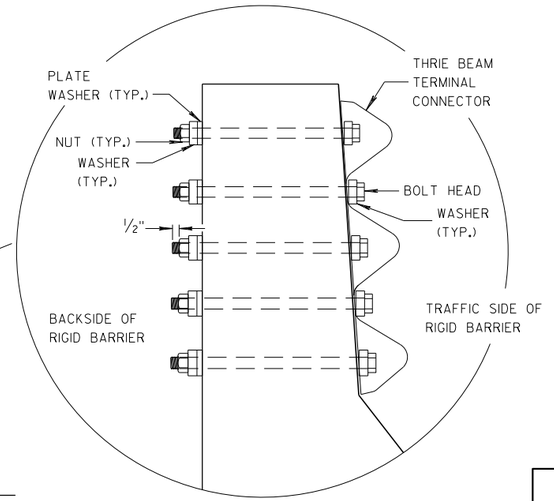
DRILL HOLE LOCATION AND PATTERN
FOR THRIE BEAM CONNECTION



FRONT VIEW



SECTION I-I



THRIE BEAM CONNECTION TO BRIDGE PARAPETS WITH SLOPED ENDS

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
07/2018 — DATE
/S/ Rodney Taylor
ROADWAY STANDARDS I[illegible]ENT
UNIT SUPERVI
FHWA

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S.D.D. 14 B 45-5f

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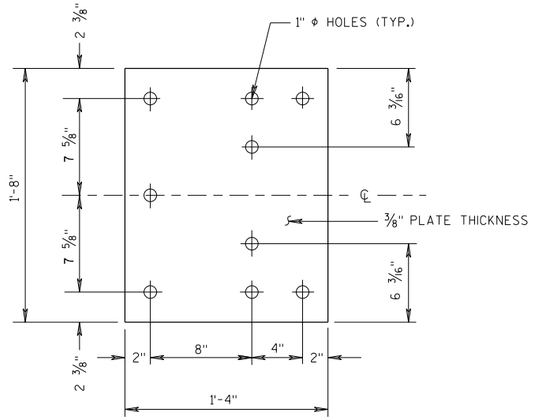
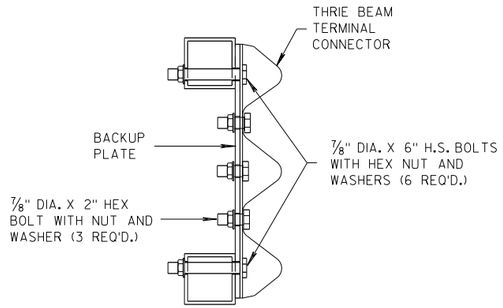
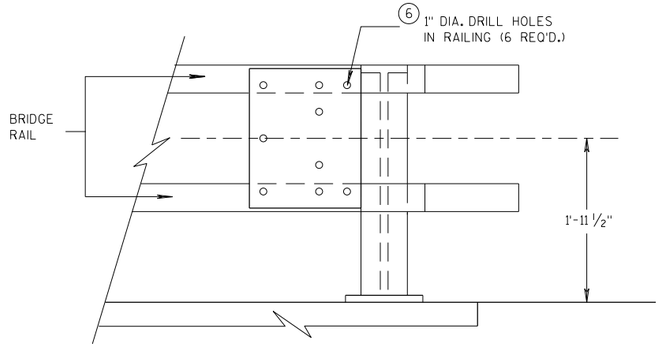
S.D.D. 14 B 45-5f



BACK-UP PLATE DETAIL



SECTION J-J

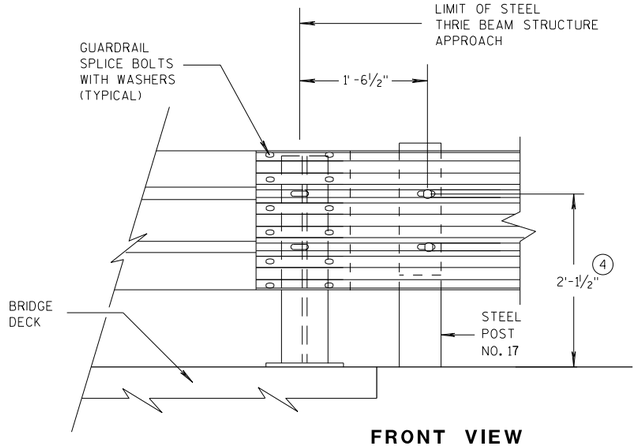


BACK-UP PLATE MOUNTING ONTO BRIDGE RAILING

GENERAL NOTES

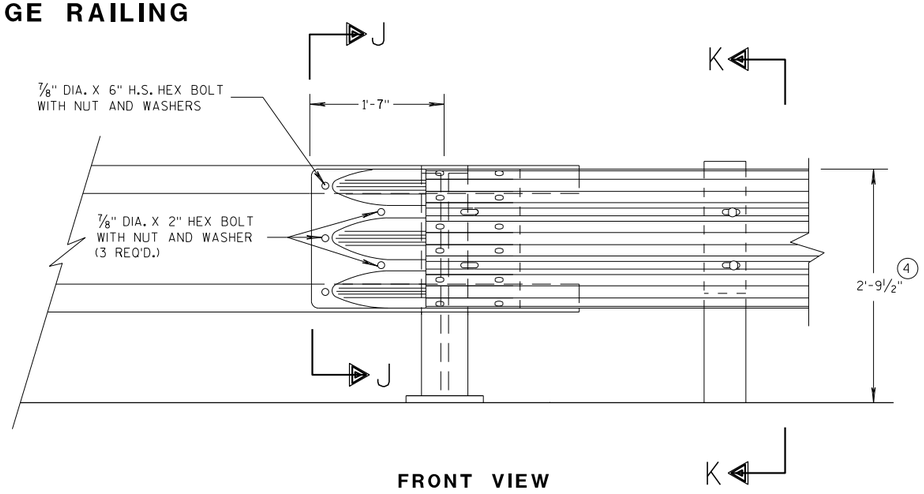
④ TOLERANCE FOR TOP OF BEAM IS ± 1".

⑥ DRILLING HOLES THROUGH THE PAPRPET, BOLTS, NUTS, WASHERS AND REPAIRING DAMAGED CONCRETE ARE INCIDENTAL TO THE CONTRACT.

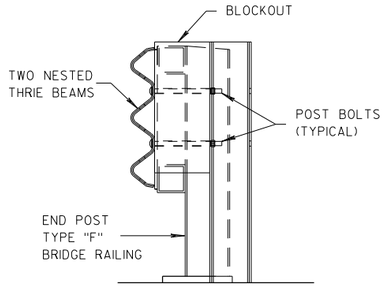


FRONT VIEW

THRIE BEAM CONNECTION TO STEEL RAILING TYPE "W"



FRONT VIEW



SECTION K-K

THRIE BEAM CONNECTION TO TUBULAR RAILING TYPE "F"

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED 07/2018 — DATE — FHWA

/S/ Rodney Taylor 658 — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

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S.D.D. 14 B 45-5g

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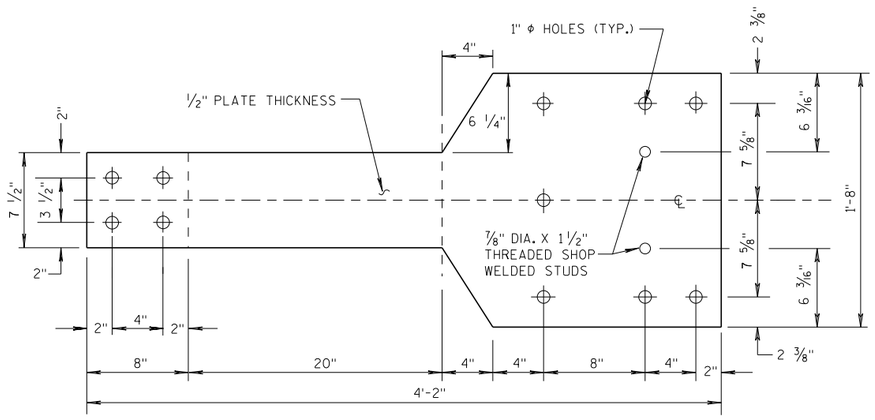
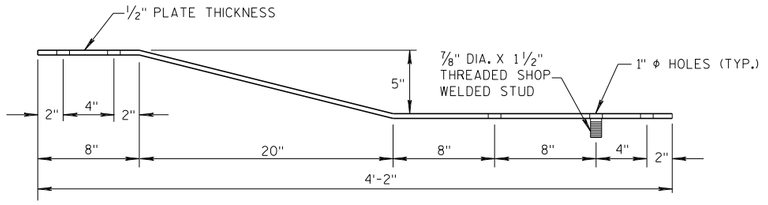
S.D.D. 14 B 45-5g

GENERAL NOTES

(4) TOLERANCE FOR TOP OF W-BEAM RAIL IS ± 1".

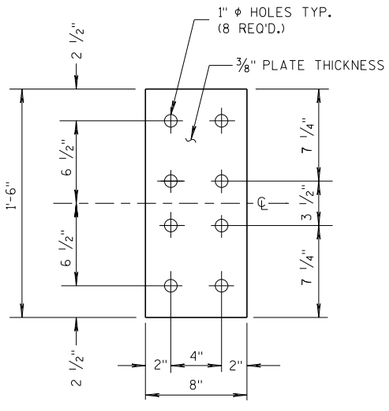


FRONT VIEW



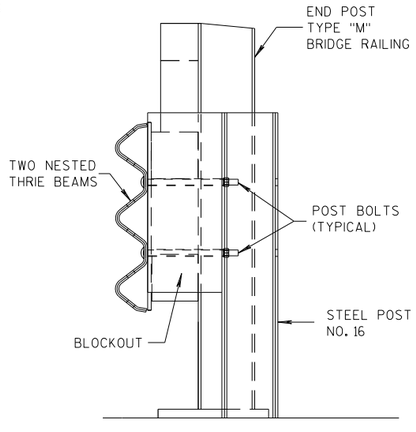
PLAN VIEW

BACK-UP PLATE DETAIL, TYPE "M"

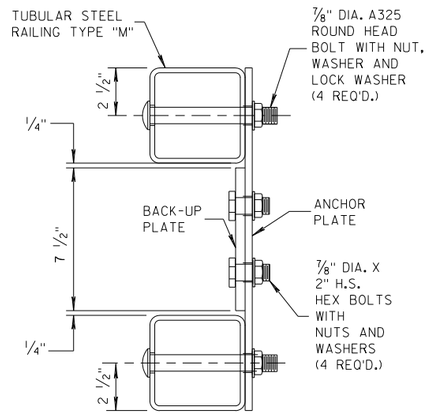


FRONT VIEW

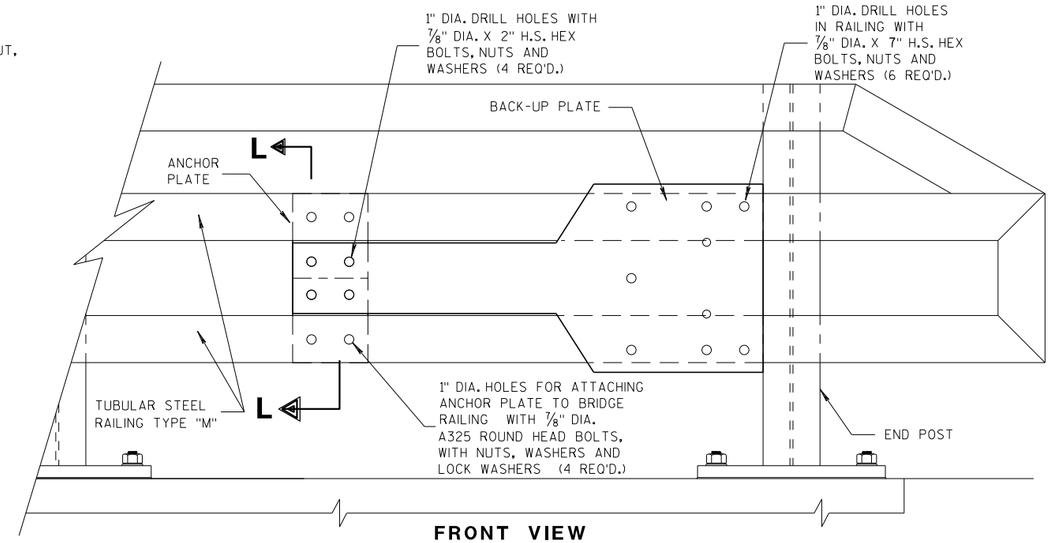
ANCHOR PLATE DETAIL, TYPE "M"



SECTION M-M

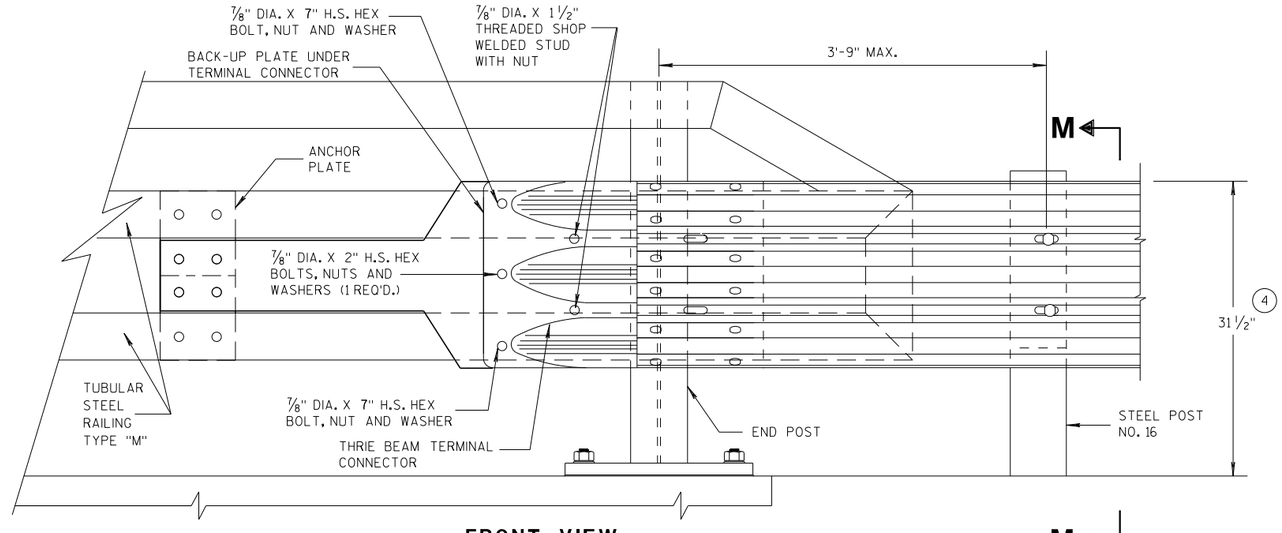


SECTION L-L

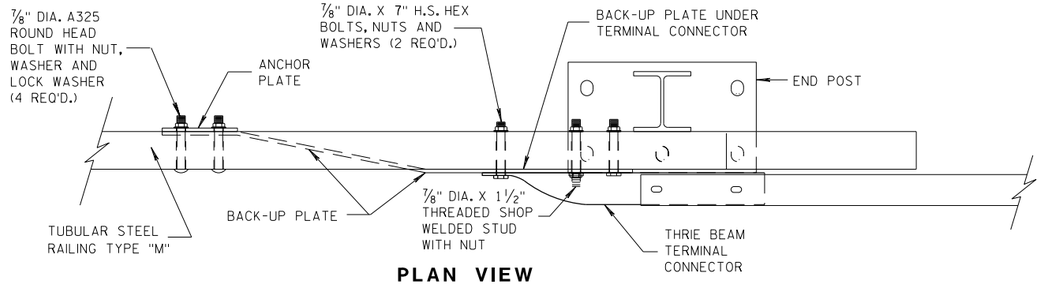


FRONT VIEW

ANCHOR AND BACK-UP PLATE MOUNTING TO BRIDGE RAILING, TYPE "M"



FRONT VIEW



PLAN VIEW

THRIE BEAM CONNECTION TO TUBULAR RAILING, TYPE "M"

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
07/2018 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS UNIT SUPERVISOR
FHWA

659

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S.D.D. 14 B 45-5h

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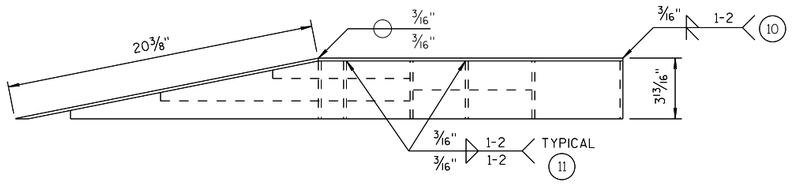
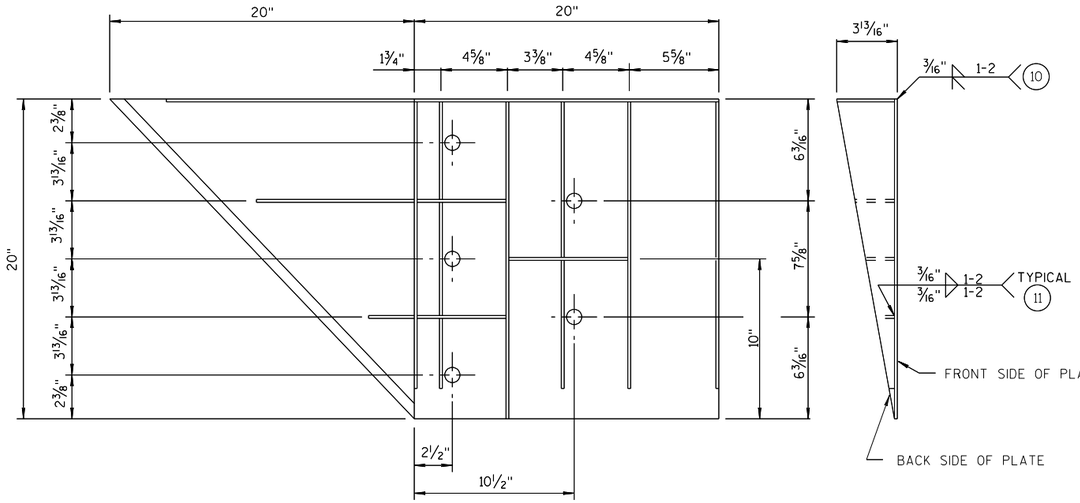
S.D.D. 14 B 45-5h





WELDING INSTRUCTION

(VIEWED FROM BACK SIDE OF PLATE)

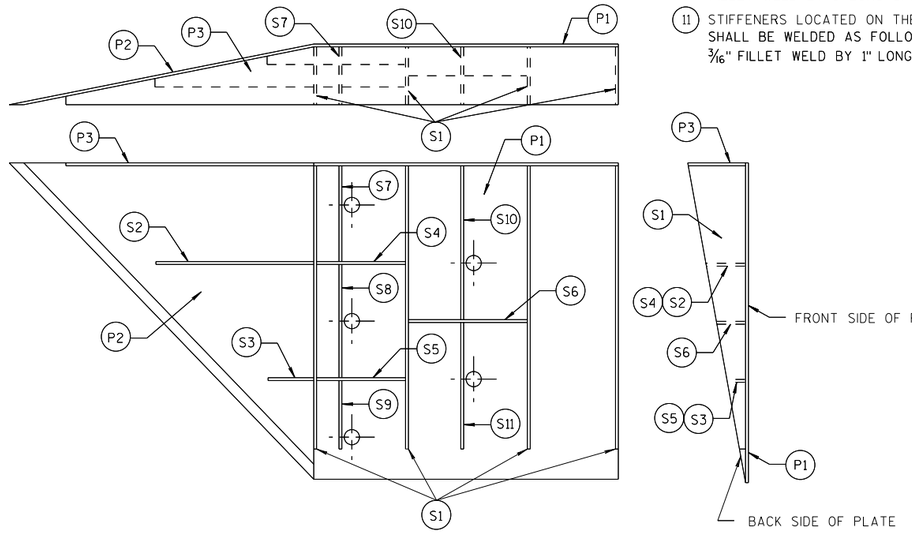


PLATE AND STIFFENER IDENTIFICATION

(VIEWED FROM BACK SIDE OF PLATE)

GENERAL NOTES

COVER PLATE PANELS ARE 3/16" THICK.

ALL STIFFENERS ARE 1/4" THICK.

CONNECTOR PLATE SHALL BE FABRICATED FROM ASTM GRADE A36 STEEL AND GALVANIZED.

FOR GALVANIZED REQUIREMENTS, SEE SECTION 614 OF THE STANDARD SPECIFICATIONS.

ALL HOLE DIAMETERS SHALL BE 1".

FOR OPPOSITE SIDE INSTALLATION MIRROR DRAWINGS.

(10) STIFFENERS LOCATED AT THE OUTSIDE EDGES OF THE COVER PLATES SHALL BE WELDED AS FOLLOWS:
SINGLE BEVEL GROOVE WELD ON EXTERNAL SIDES AND 3/16" FILLET WELD BY 1" LONG SPACED AT 2" ON INTERNAL SIDES.

(11) STIFFENERS LOCATED ON THE INSIDE OF THE COVER PLATE SHALL BE WELDED AS FOLLOWS:
3/16" FILLET WELD BY 1" LONG SPACED AT 2".

CONNECTOR PLATE DIMENSION (PER ASSEMBLY)

PLATE	QUANTITY	SHAPE	SIZE (A x B x C x D)	THICKNESS
P1	1		20" x 20"	3/16"
P2	1		20" x 20" x 28 9/16"	3/16"
P3	1		39" x 3 5/8" x 20" x 19 5/16"	3/16"
S1	4		18 7/16" x 3 5/8" x 18 3/4"	1/4"
S2	1		10 1/4" x 2 7/16" x 10 3/8" x 1/2"	1/4"
S3	1		3" x 1 1/16" x 3 1/8" x 1/2"	1/4"
S4	1		6 1/8" x 2 7/16"	1/4"
S5	1		6 1/8" x 1 1/16"	1/4"
S6	1		7 3/4" x 1 3/4"	1/4"
S7	1		2 9/16" x 6" x 3 5/8" x 5 7/8"	1/4"
S8	1		1 5/32" x 7 1/2" x 2 1/2" x 7 3/8"	1/4"
S9	1		6 1/16" x 6 3/16" x 1 3/32"	1/4"
S10	1		1 7/8" x 9 7/8" x 3 5/8" x 9 11/16"	1/4"
S11	1		8 1/2" x 8 3/4" x 1 13/16"	1/4"

SINGLE SLOPE CONNECTION PLATE

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
7/2018
DATE
FHWA

/S/ Rodney Taylor
ROADWAY STANDARDS DEVELOPMENT
UNIT SUPERVISOR

660

6

S.D.D. 14 B 45-5i

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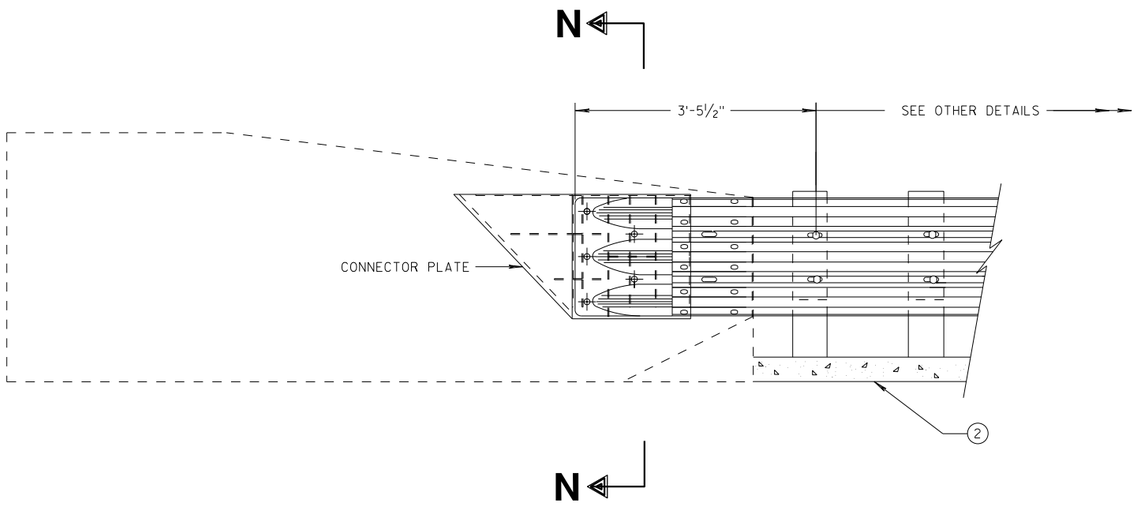
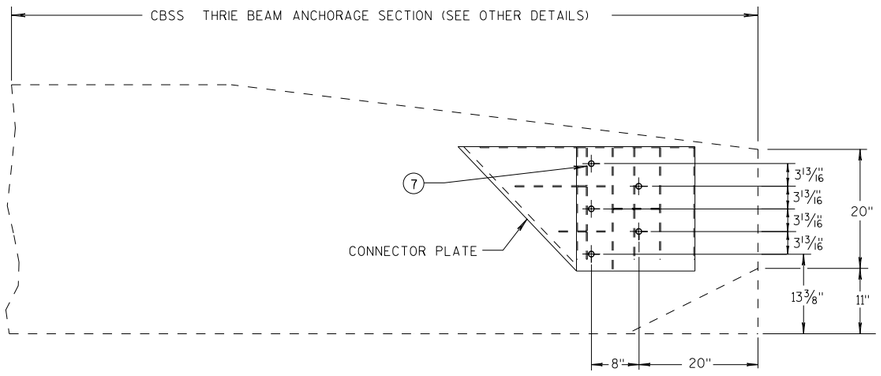
S.D.D. 14 B 45-5i



THRIE BEAM CONNECTION TO SINGLE SLOPE BARRIER



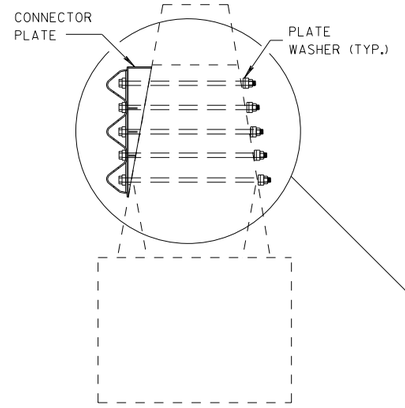
SINGLE SLOPE CONNECTION PLATE PLACEMENT

GENERAL NOTES

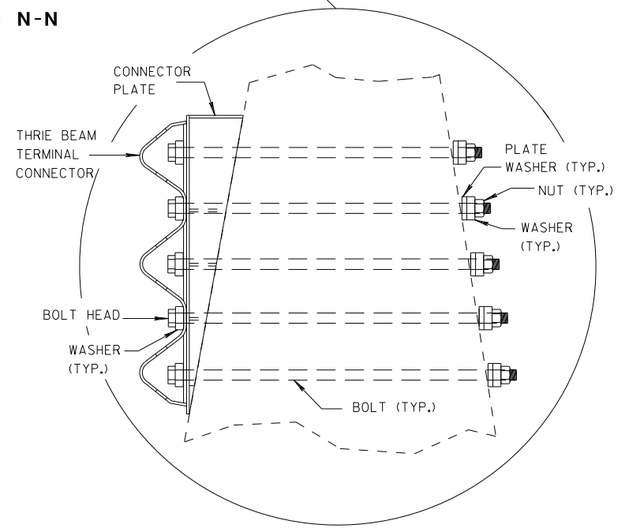
CONNECTOR PLATE, DRILLING BOLT HOLES THROUGH THE PARAPET, BOLTS, NUTS, WASHERS AND REPAIRING DAMAGED CONCRETE ARE INCIDENTAL TO THE CONTRACT.

(2) OPTIONAL CURB AND GUTTER OR DRAINAGE FEATURE SEE PLAN FOR INFORMATION.

(7) BOLTS MAY BE A325 BOLTS OR A449 BOLTS. BOLT LENGTH AND THREADING LENGTH ARE TO ALLOW FOR A TIGHT CONNECTION BETWEEN RIGID BARRIER AND THRIE BEAM CONNECTION PLATE. CONTRACTOR IS TO FIELD VERIFY BOLT LENGTH AND THREAD LENGTH. ONE ROUND WASHER REQUIRED BETWEEN BOLT HEAD AND THRIE BEAM CONNECTOR PLATE. BOLTS THAT EXTEND THROUGH THE PARAPET AND OUT THE BACK FACE REQUIRE A HARDENED ROUND STEEL WASHER THAT IS 2" O.D. X 5/32" THICK AND ONE PLATE WASHER. REPAIR ANY DAMAGED CONCRETE FROM BOLT INSTALLATION.



SECTION N-N



MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
7/2018
DATE
/S/ Rodney Taylor
ROADWAY STANDARDS DI UNIT SUPERVIS NT
FHWA

6

S.D.D. 14 B 45-5j

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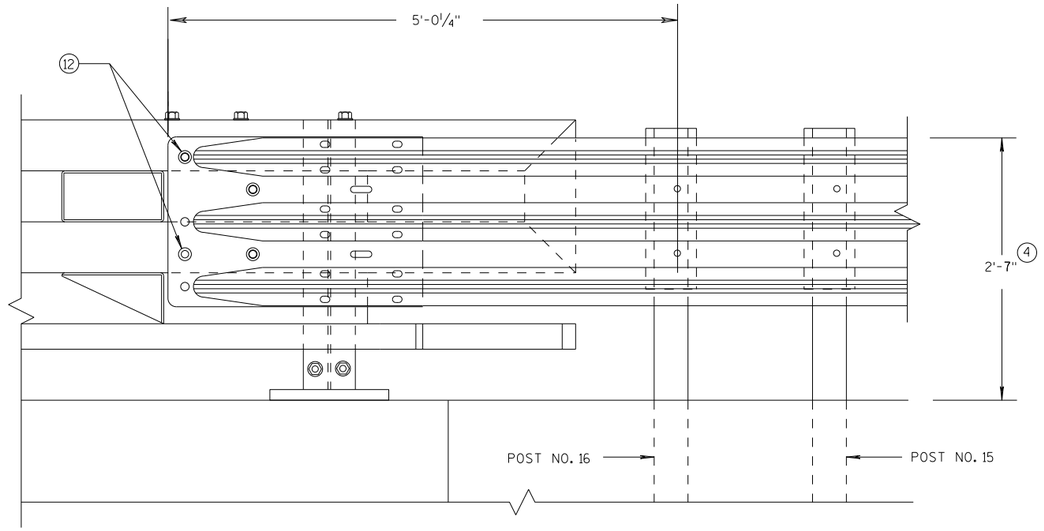
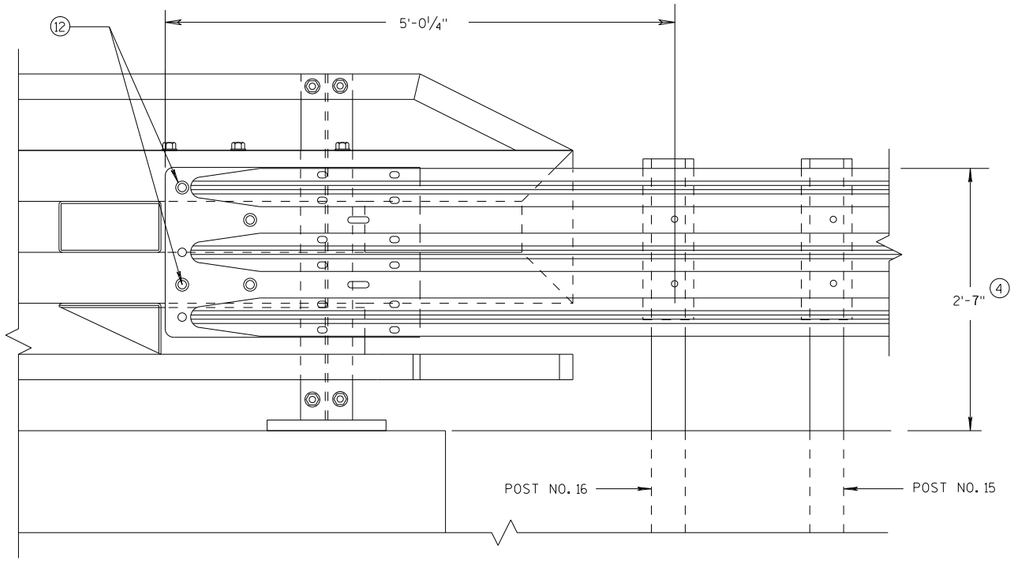
S.D.D. 14 B 45-5j



ELEVATION OF DETAIL AT NY3 END POST

THRIE BEAM RAIL ATTACHMENT



ELEVATION OF DETAIL AT NY4 END POST

THRIE BEAM RAIL ATTACHMENT

GENERAL NOTES

(4) TOLERANCE FOR TOP OF BEAM IS ± 1".

(12) BOLTS MAY BE A325 BOLTS OR A449 BOLTS. BOLT LENGTH AND THREADING LENGTH ARE TO ALLOW FOR A TIGHT CONNECTION BETWEEN RIGID BARRIER AND THRIE BEAM CONNECTION PLATE. CONTRACTOR IS TO FIELD VERIFY BOLT LENGTH AND THREAD LENGTH. ONE ROUND WASHER REQUIRED BETWEEN BOLT HEAD AND THRIE BEAM CONNECTOR PLATE. ON BACKSIDE OF PARAPET ONE ROUND WASHER, AND NUT REQUIRED. BOLT THREAD IS TO EXTEND 1/2-INCH BEYOND NUT.

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
7/2018
DATE
FHWA

/S/ Rodney Taylor
ROADWAY STANDARDS D 662 NT
UNIT SUPERVIS

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S.D.D. 14 B 45-5k

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S.D.D. 14 B 45-5k

GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

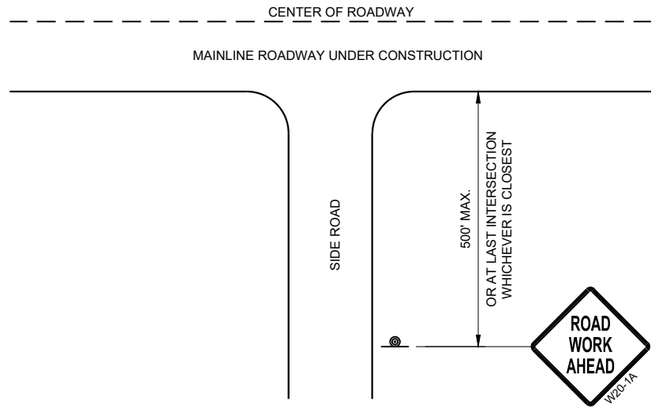
ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

SIGNS THAT WILL BE IN PLACE LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

IF A "STOP" SIGN MUST BE REMOVED FOR A WORK OPERATION, A TEMPORARY "STOP" SIGN SHALL BE PLACED PRIOR TO THE SIGN REMOVAL, OR A FLAGGER SHALL BE PROVIDED UNTIL THE SIGN IS REESTABLISHED.

* OMIT G20-1 SIGNS IF LENGTH OF WORK AREA IS 2 MILES OR LESS

** PLACE AN ADDITIONAL W20-1A "ROAD WORK AHEAD" SIGN IF WORK AREA WITHIN THE PROJECT IS SEPARATED BY MORE THAN 2 MILES FROM PREVIOUS WORK AREA.



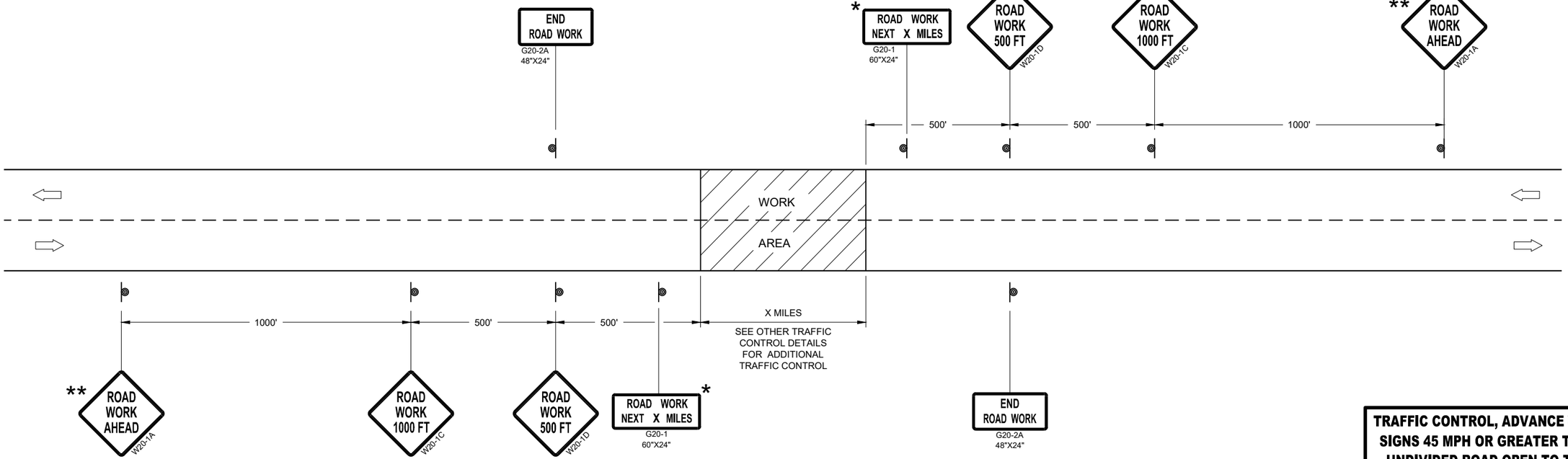
TYPICAL SIDE ROAD APPROACH WARNING SIGN DETAIL

LEGEND

SIGN ON PERMANENT SUPPORT

DIRECTION OF TRAFFIC

WORK AREA



TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45MPH OR GREATER

TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 MPH OR GREATER TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
July 2018
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA

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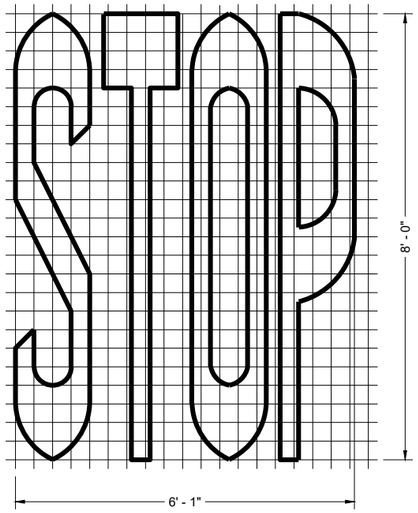
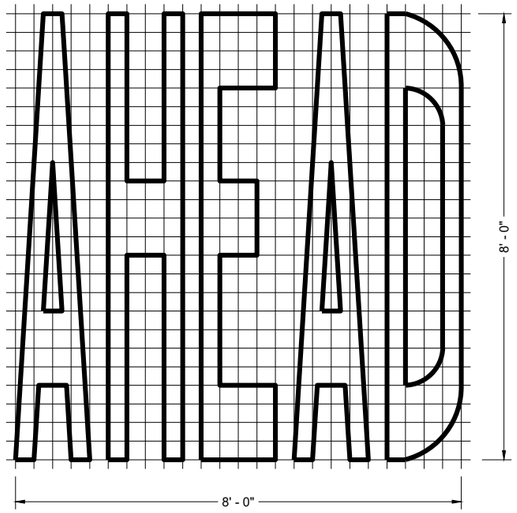
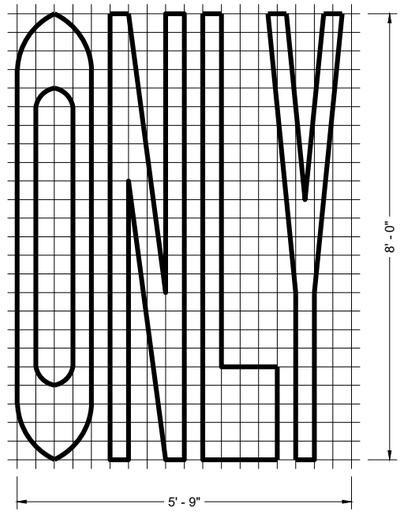
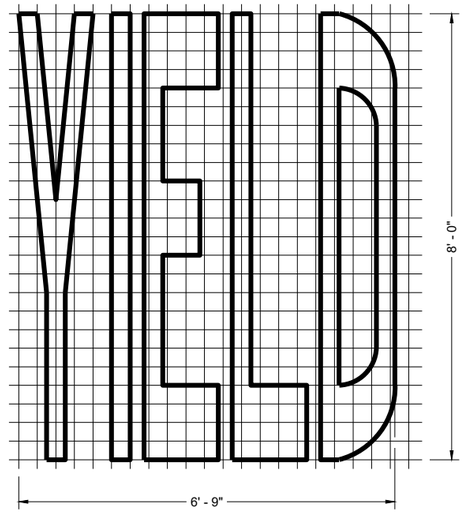
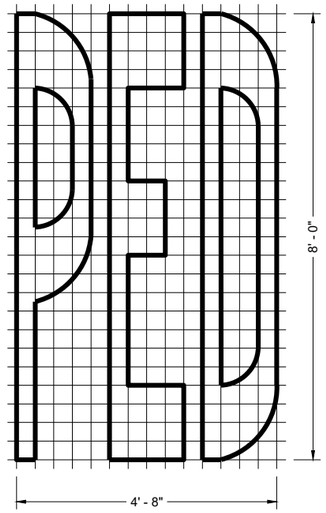
SDD 15C04 - 05

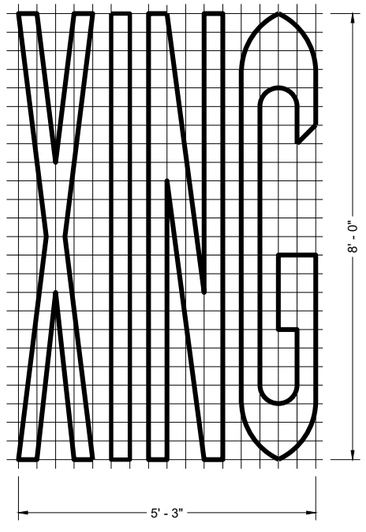


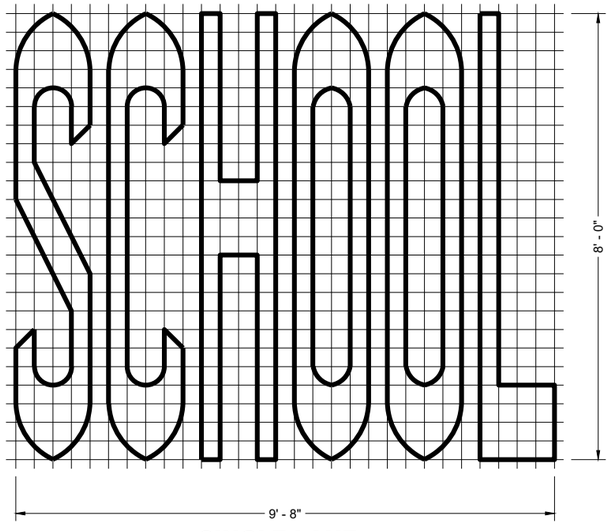




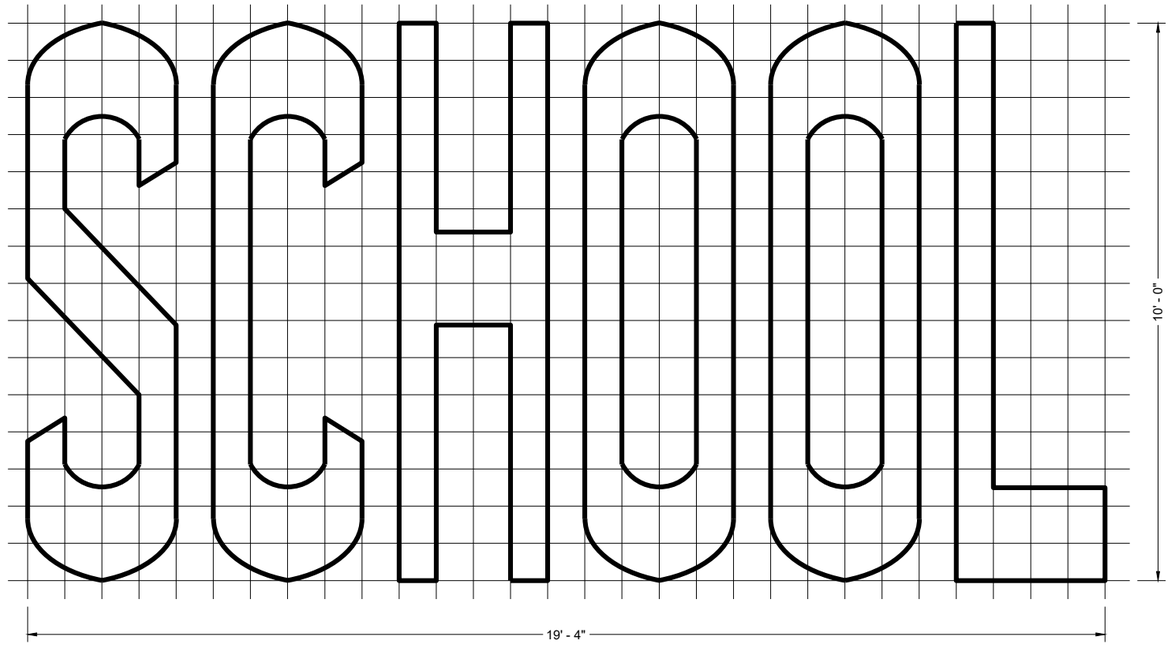








SINGLE LANE



TWO - LANE

GENERAL NOTES

DETAILS OF INSTALLATION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

PAVEMENT MARKING WORDS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2024 — DATE
/S/ Jeannie Silver — STATE SIGNING AND MARKING ENGINEER

FHWA

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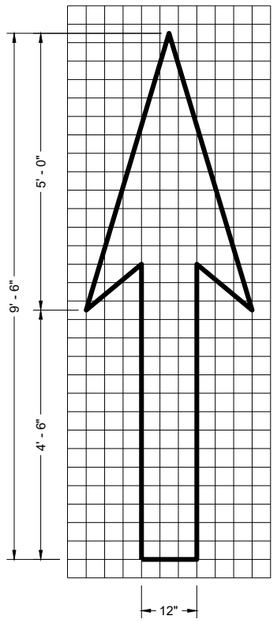
SDD 15C07-16b

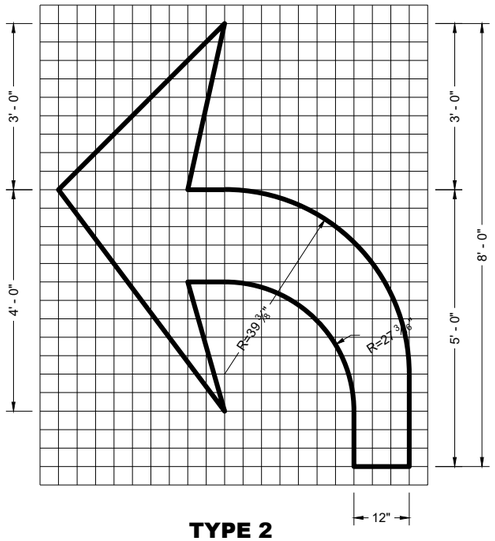
SDD 15C07-16b

GENERAL NOTES

DETAILS OF INSTALLATION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.



TYPE 1



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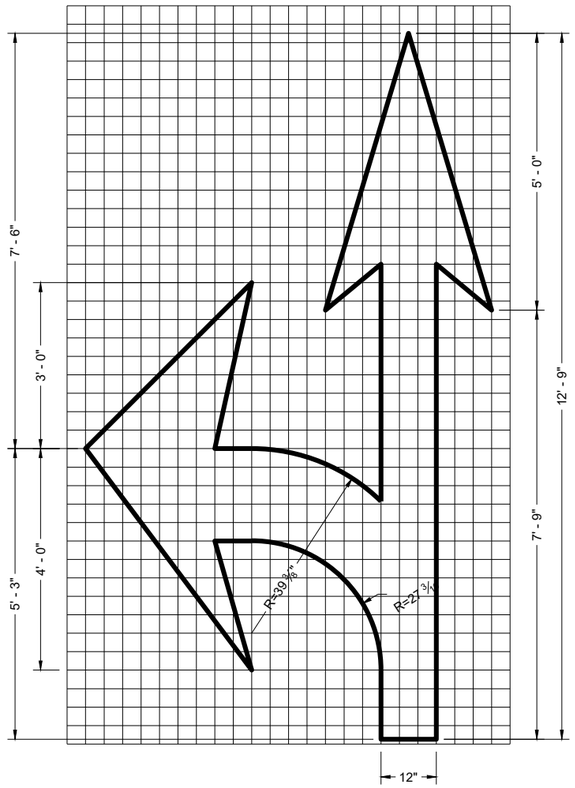

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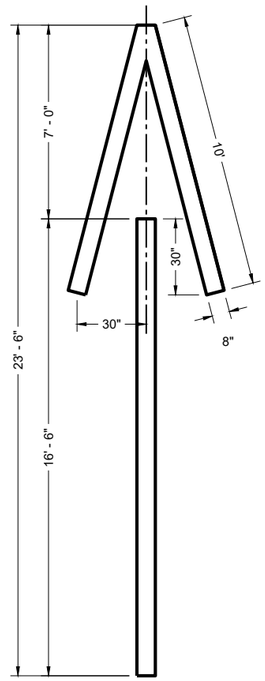

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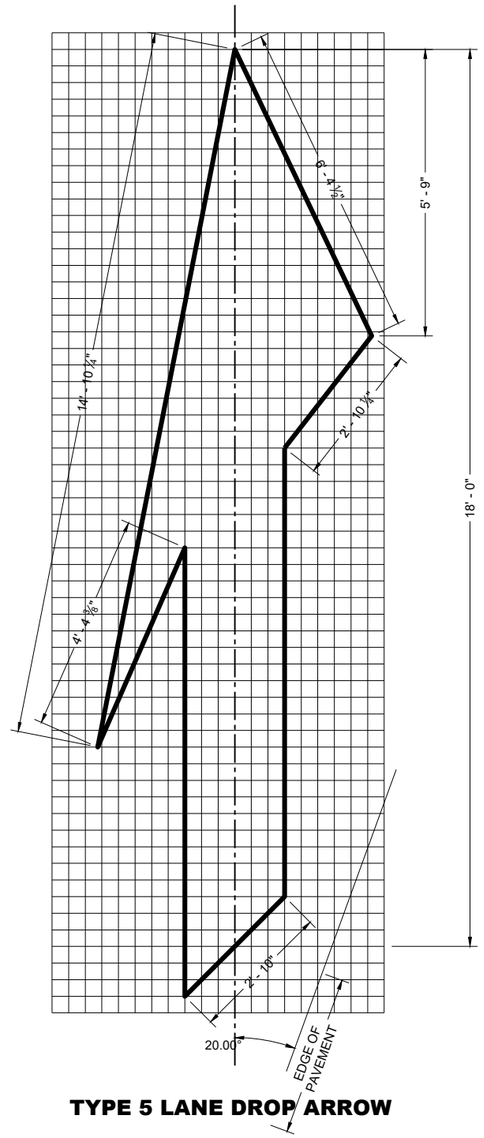
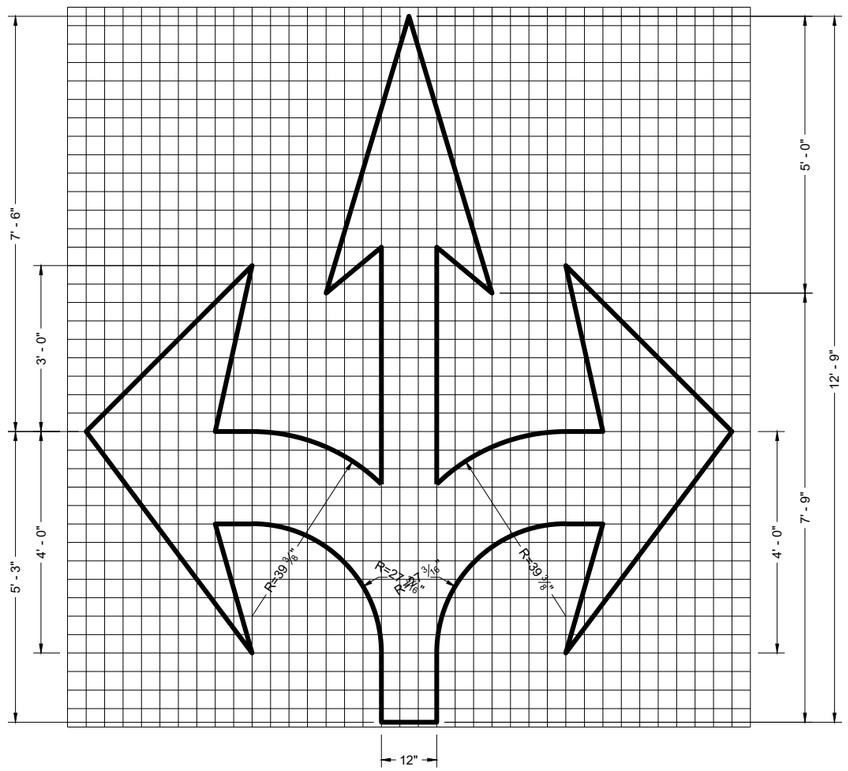
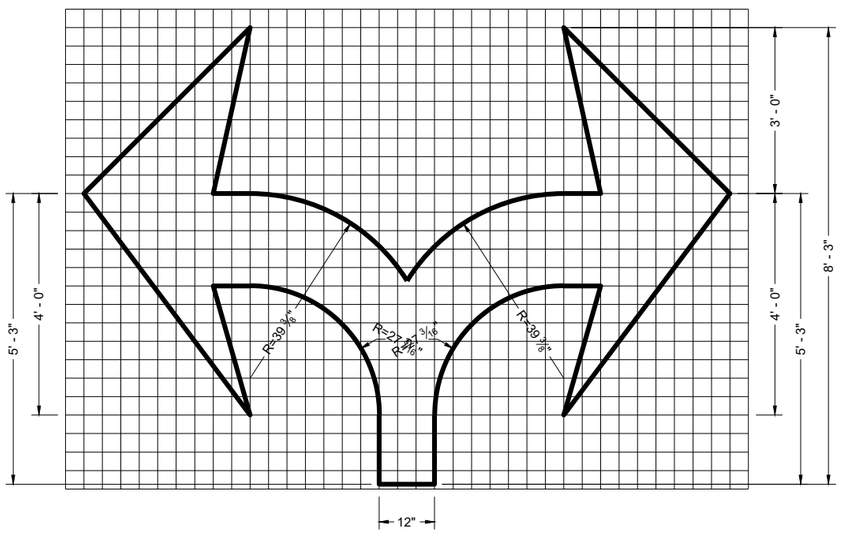


TYPE 5 LANE DROP ARROW



TYPE 6



TYPE 7

PAVEMENT MARKING ARROWS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2024 — DATE
/S/ Jeannie Silver — STATE SIGNING AND MARKING ENGINEER

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SDD 15C07-16c

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SDD 15C07-16c

GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.

(1) LOCATE THE NO PASSING ZONE W14-3 SIGN WITHIN 50 FEET OF THE "T" MARKING

(2) MEASURE FROM EDGE OF MARKING TO JOINT LINE. THIS DOES NOT INCLUDE SPACE NEEDED FOR GROOVING OPERATIONS.

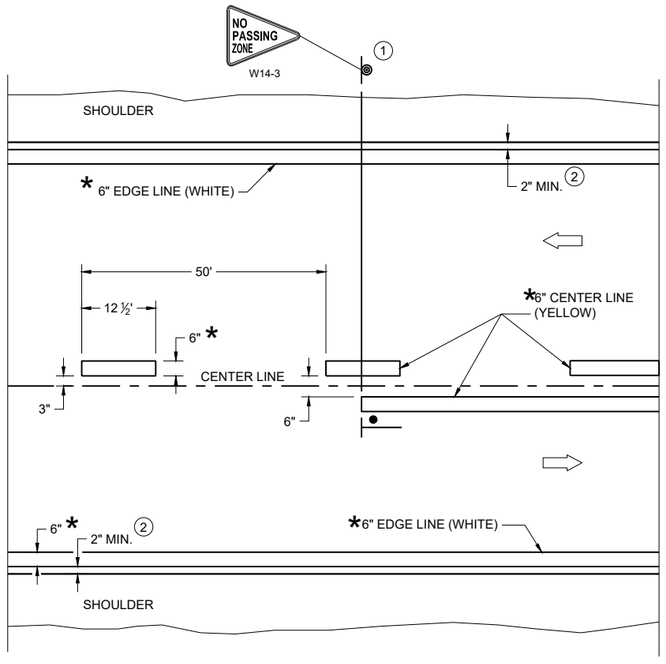
*CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES

LEGEND

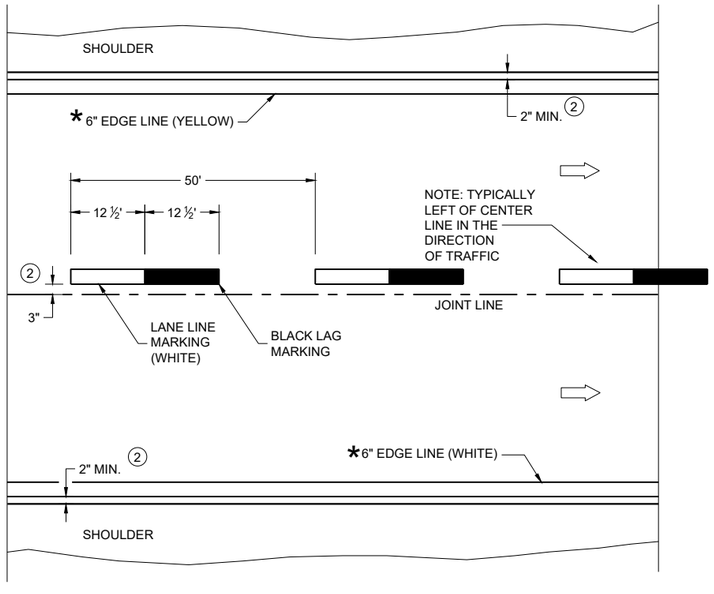
"T" MARKING

SIGN ON PERMANENT SUPPORT

DIRECTION OF TRAFFIC



TWO WAY TRAFFIC



ONE WAY TRAFFIC

PERMANENT PAVEMENT MARKING

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SDD 15C08-24a

PERMANENT LONGITUDINAL PAVEMENT MARKINGS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
December 2024
DATE

/S/ Jeannie Silver
Statewide Pavement Marking Engineer

FHWA

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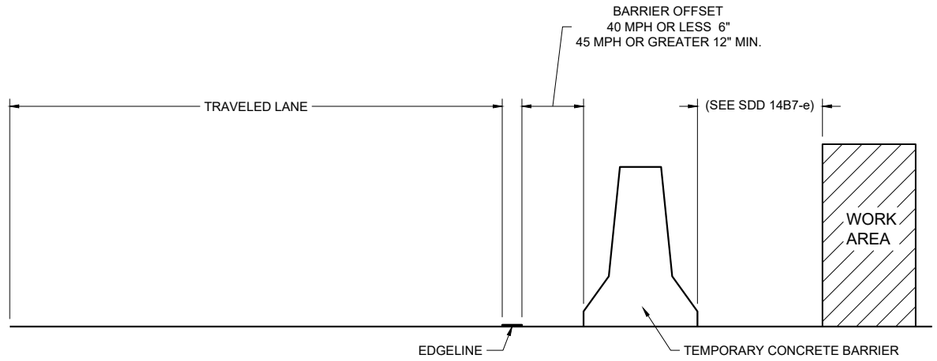
SDD 15C08-24a



TEMPORARY BARRIER OFFSET FROM EDGELINE

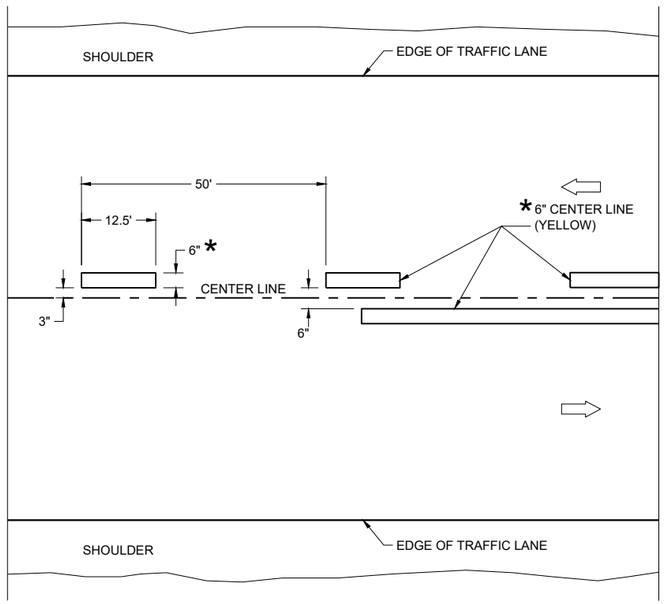
GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.

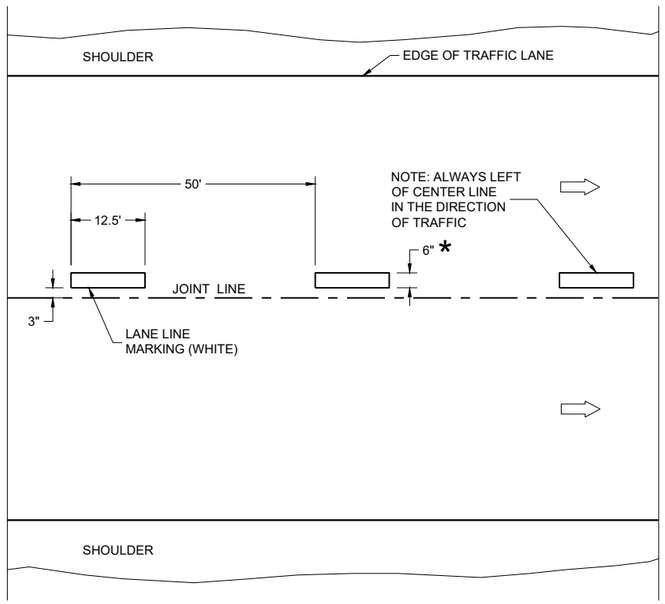
LEGEND

DIRECTION OF TRAFFIC

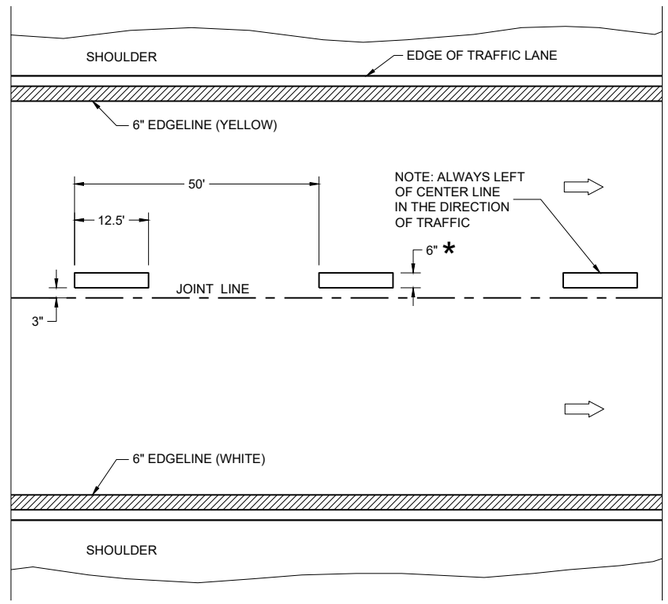
*CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES



TWO WAY TRAFFIC



ONE WAY TRAFFIC



FREEWAYS AND EXPRESSWAYS

TEMPORARY PAVEMENT MARKING

TEMPORARY LONGITUDINAL PAVEMENT MARKING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
December 2024
DATE
/S/ Jeannie Silver
Statewide Pavement Marking Engineer
FHWA

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SDD 15C08-24b

6

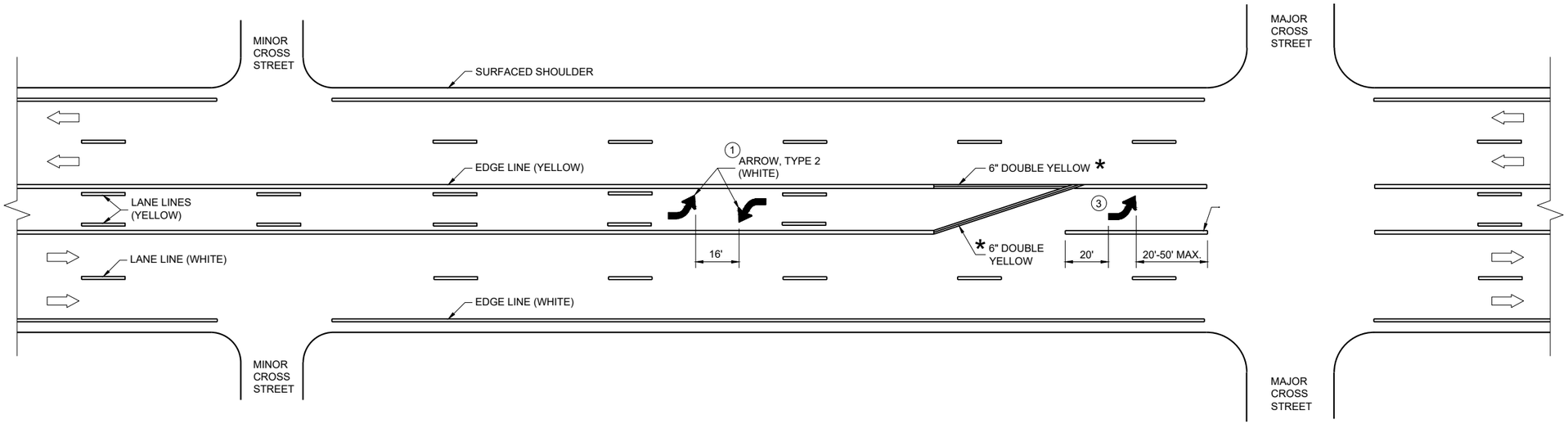
SDD 15C08-24b

GENERAL NOTES

1. A SET OF ARROWS IS REQUIRED EVERY 400 FEET OR NEAR INTERSECTIONS OR DRIVEWAYS WITH TURNING TRAFFIC.
2. 10" WHITE
3. TURN BAY LENGTH OF LESS THAN 48' DOES NOT REQUIRE PAVEMENT ARROWS OR TEXT.

⇨ DIRECTION OF TRAFFIC

*CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES



TWO WAY LEFT TURN LANE

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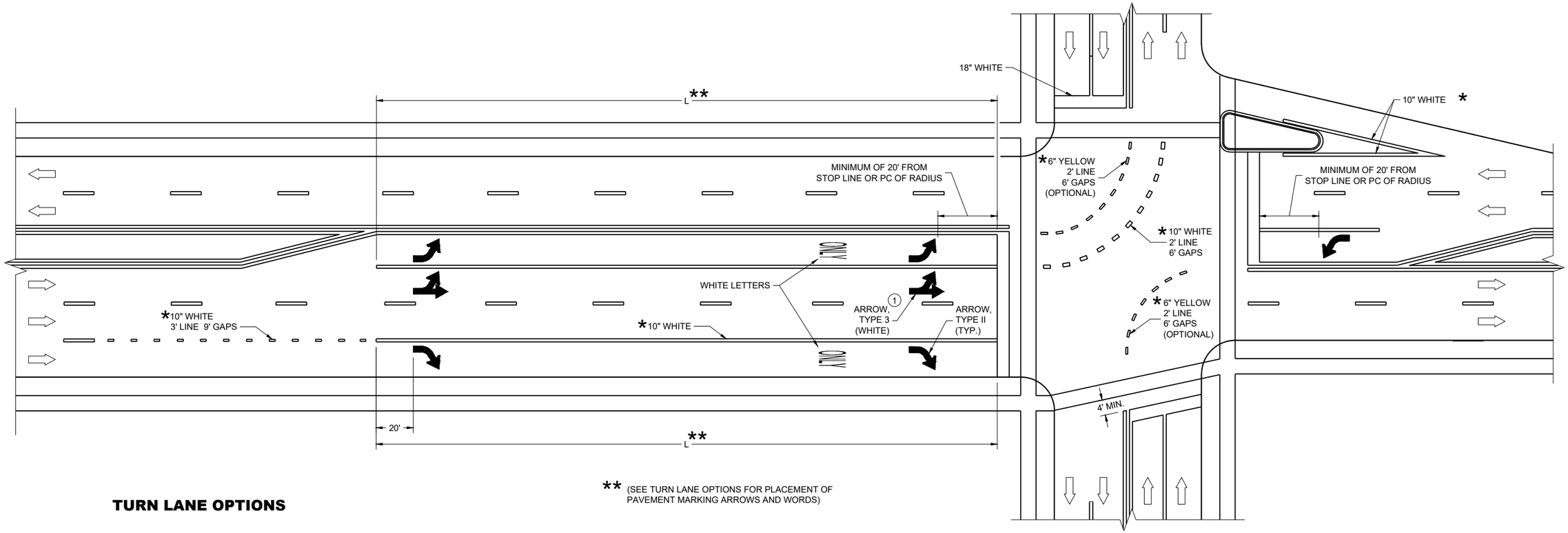
PAVEMENT MARKING (TURN LANES)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

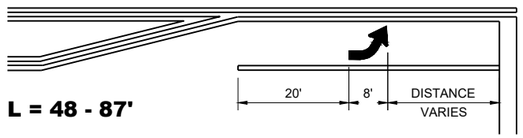
SDD 15C08-24c



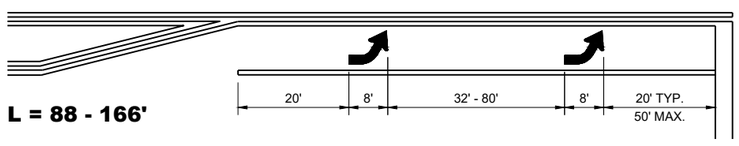
** (SEE TURN LANE OPTIONS FOR PLACEMENT OF PAVEMENT MARKING ARROWS AND WORDS)

TURN LANE OPTIONS

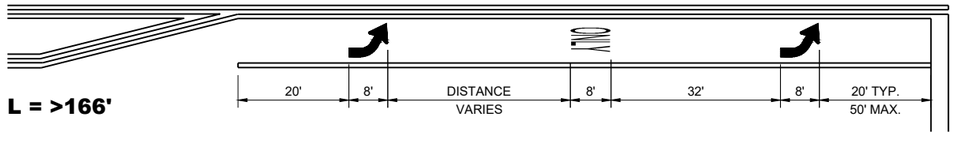
LENGTH OF TURN BAY (**L**) OF 0 - 47' DOES NOT
REQUIRE PAVEMENT MARKING ARROWS OR WORDS



L = 48 - 87'



L = 88 - 166'



L = >166'

GENERAL NOTES

1. QUANTITY AND LOCATION OF TYPE 3 ARROWS ARE THE SAME AS THE TYPE II ARROWS IN THE ADJACENT TURN LANE. FOR TURN LANES WITH A PHYSICAL SEPARATION IN THE SAME DIRECTION OF TRAVEL, THE ARROWS AND "ONLY" MARKING MAY BE ELIMINATED.

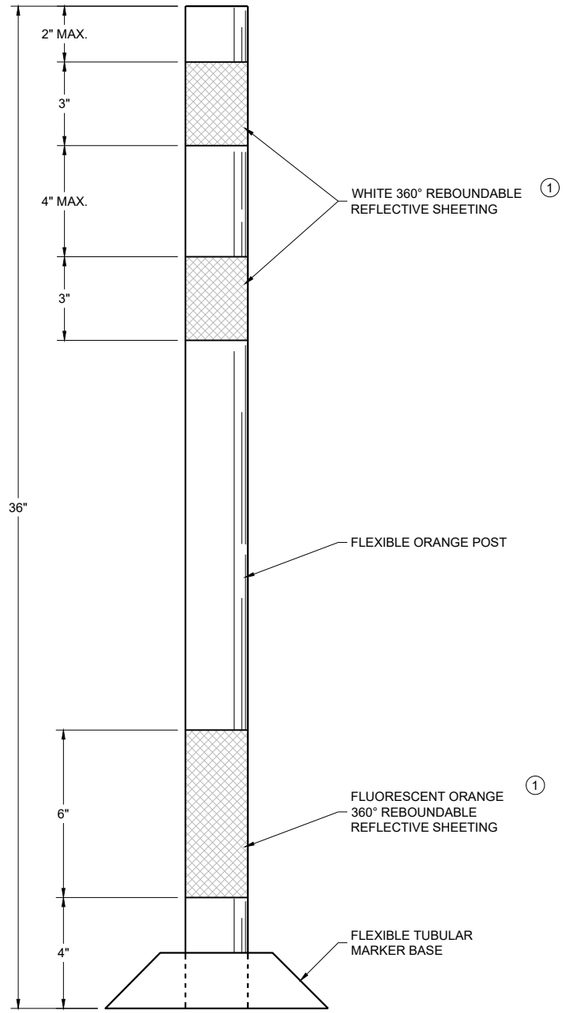
DIRECTION OF TRAFFIC

L = LENGTH OF TURN BAY

*CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES

PAVEMENT MARKING (TURN LANES)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



FLEXIBLE TUBULAR MARKER POST WORK ZONE

GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

SURFACE MOUNTED BASES SHALL BE FURNISHED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS TO BE COMPATIBLE WITH FLEXIBLE TUBULAR MARKER POSTS TO A SIZE AND SHAPE THAT WILL PROVIDE A STABLE POST FOUNDATION WHEN SECURED TO THE PAVEMENT.

THE ASPHALTIC ADHESIVE OR BUTYL PAD FURNISHED SHALL BE IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS, UNLESS DIRECTED BY THE ENGINEER TO USE BOLTS.

(1) REFLECTIVE SHEETING SHALL FOLLOW THE REQUIREMENTS IN THE APPROVED PRODUCTS LISTING FOR SIGN SHEETING.

6

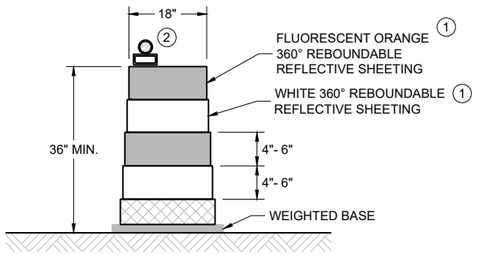
CHANNELIZING DEVICES
FLEXIBLE TUBULAR
MARKER POST

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

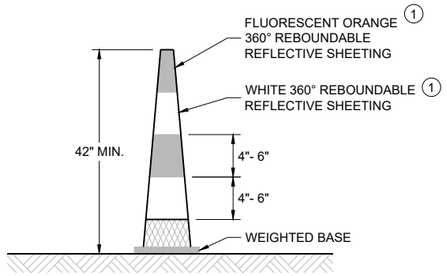
(1) REFLECTIVE SHEETING SHALL FOLLOW THE REQUIREMENTS IN THE APPROVED PRODUCTS LISTING FOR SIGN SHEETING.

(2) LOCATION OF WARNING LIGHTS WHEN SHOWN ON THE PLAN.



DRUM

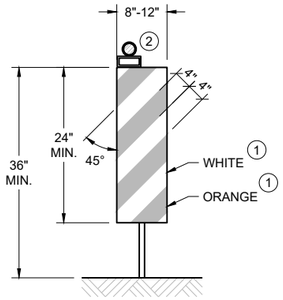
BALLAST WIDTHS
RANGE FROM 24"-36"



42" CONE

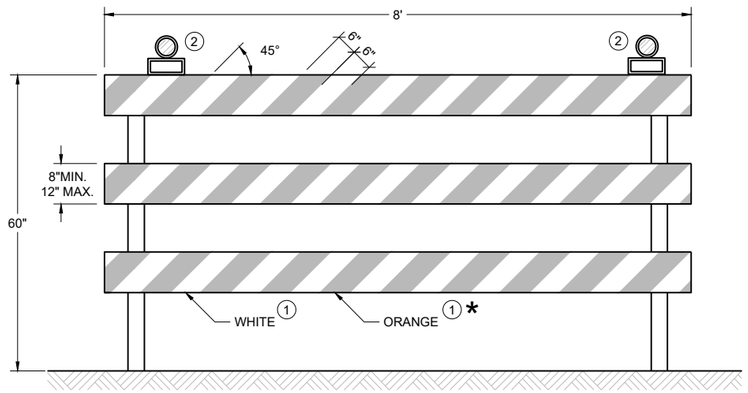
DO NOT USE IN TAPERS
½ SPACING OF DRUMS

BALLAST WIDTHS
RANGE FROM 14"-20"



VERTICAL PANEL

THE STRIPES SHALL SLOPE DOWNWARD TO
THE TRAFFIC SIDE FOR CHANNELIZATION.



TYPE III BARRICADE

IF SIGN MOUNTED, DO NOT COVER MORE THAN 50% OF THE TOP TWO RAILS OR 33% OF THE TOTAL AREA OF THE THREE RAILS.

* IF USED FOR A PERMANENT APPLICATION USE RED SHEETING.

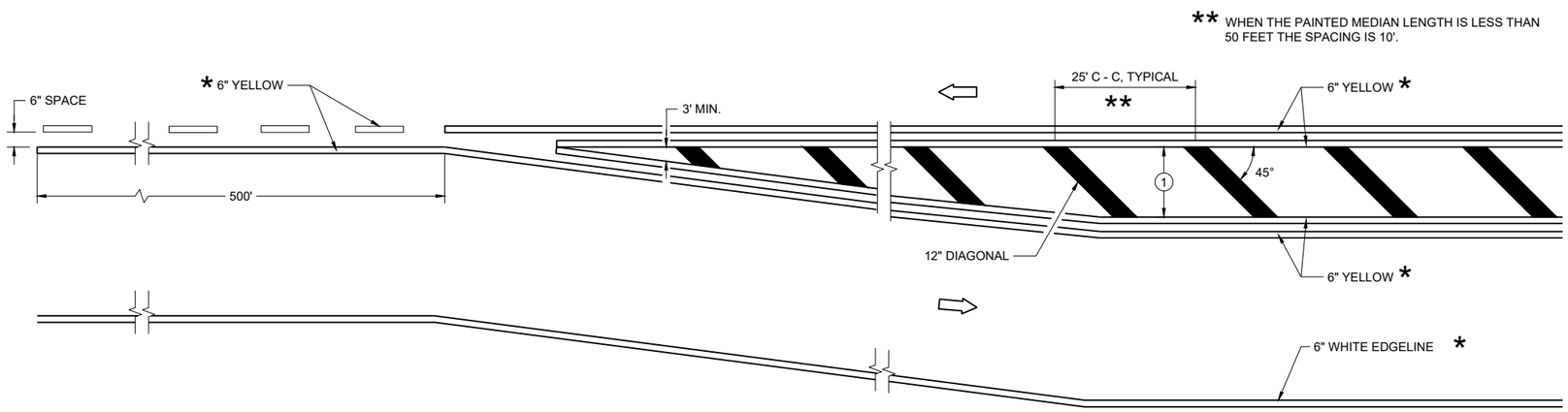
CHANNELIZING DEVICES
DRUMS, CONES, BARRICADES
AND VERTICAL PANELS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2026 — DATE
/S/ Andrew Heidtke — WORK ZONE ENGINEER

FHWA

6
SDD 15C11-11b



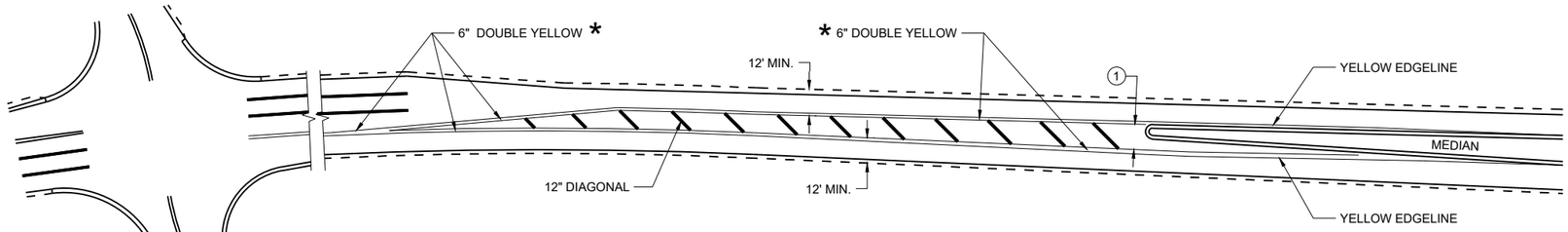
MEDIAN ISLAND DETAIL

GENERAL NOTES

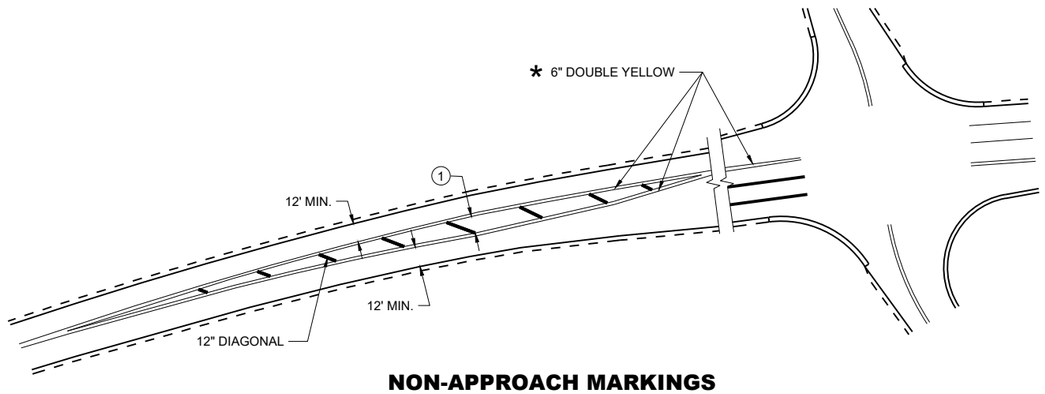
(1) DIAGONALS ARE OPTIONAL WHEN PAINTED ISLAND IS LESS THAN 6 FEET AT THE WIDEST POINT. OMIT DIAGONALS IF WIDTH IS LESS THAN 4 FEET.

⇨ DIRECTION OF TRAVEL

*CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES



APPROACH MARKINGS FOR OTHER MEDIAN TYPES



NON-APPROACH MARKINGS

MEDIAN ISLAND PAVEMENT MARKINGS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
August 2024
DATE

/S/ Jeannie Silver
Statewide Pavement Marking Engineer

FHWA

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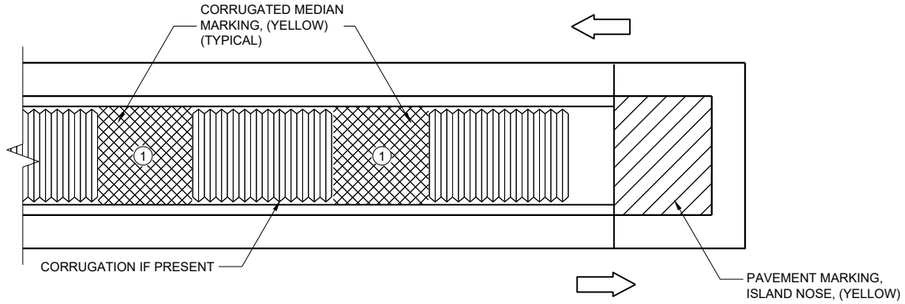
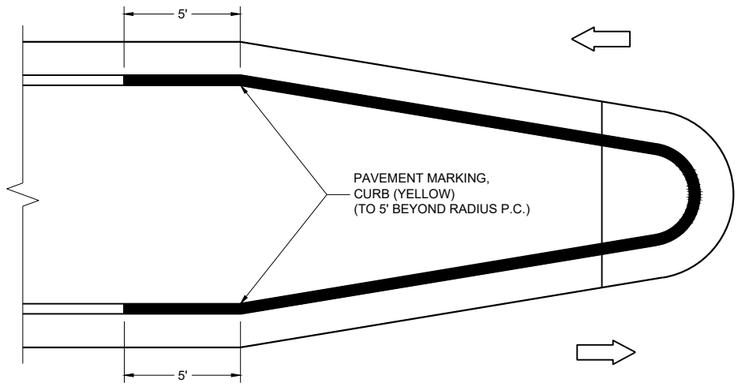
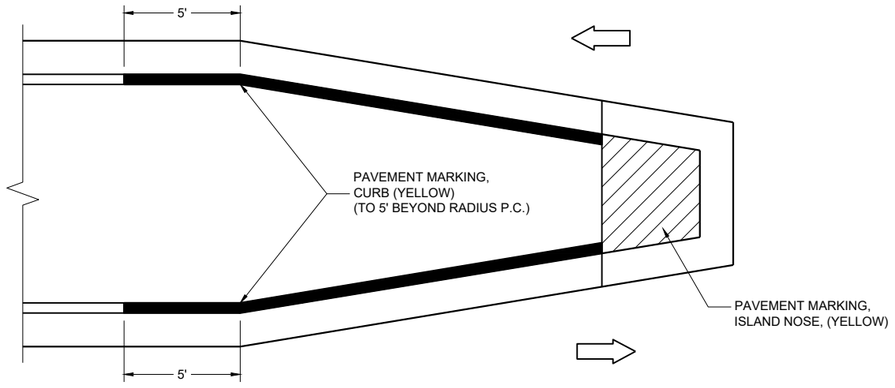
SDD 15C18-09a



MEDIAN ISLAND WITH SQUARE BLUNT NOSE



MEDIAN ISLAND WITH ROUND BLUNT NOSE



MEDIAN ISLAND WITH SLOPED NOSE

**TYPICAL PLACEMENT OF
PAVEMENT MARKING ON MEDIAN ISLANDS**

GENERAL NOTES

WHEN CONCRETE CORRUGATED MEDIAN IS CONSTRUCTED TO SEPARATE TRAFFIC OPERATING IN THE OPPOSING DIRECTION, YELLOW PAVEMENT MARKING SHALL BE APPLIED TO THE FLAT PORTION OF THE CONCRETE CORRUGATED MEDIAN. THE ITEM OF PAVEMENT MARKING, CONCRETE CORRUGATED MEDIAN, WILL BE MEASURED IN PLACE AND ACCEPTED IN ACCORDANCE WITH THE CONTRACT AND PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE FOOT.

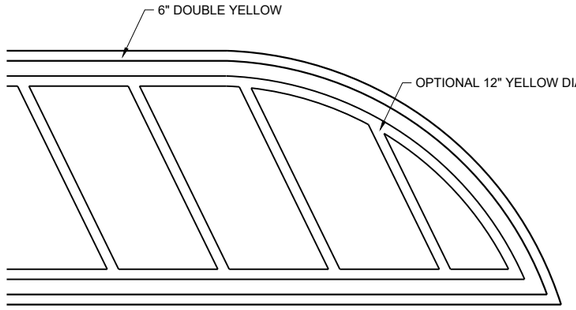
(1) APPLY PAVEMENT MARKING TO THE FLAT PORTION OF CORRUGATED MEDIAN.

ISLAND NOSE MARKING

CURB MARKING

CORRUGATED MEDIAN MARKING

DIRECTION OF TRAVEL



FLUSH MEDIAN ISLAND NOSE

**PAVEMENT MARKINGS,
MEDIAN ISLAND NOSE**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
August 2024
DATE

/S/ Jeannie Silver
Statewide Pavement Marking Engineer

FHWA

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SDD 15C18-09b

LEGEND

V1 MARKING VEHICLE

V2 SHADOW VEHICLE

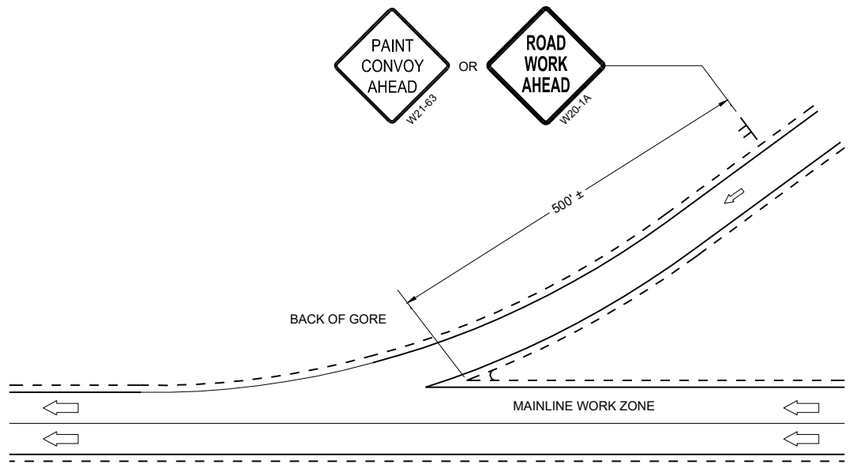
V3 TRAIL VEHICLE

TRUCK MOUNTED ATTENUATOR (TMA)

SIGN ON TEMPORARY SUPPORT

DIRECTION OF TRAFFIC

ARROW PANEL (CAUTION)



GENERAL NOTES

ALL VEHICLES SHALL BE EQUIPPED WITH TWO 360 DEGREE HIGH INTENSITY YELLOW FLASHING LIGHTS OR STROBE LIGHTS AND OPERATED WITH HEADLIGHTS TURNED ON.

ALL VEHICLES SHALL BE EQUIPPED WITH REAR FACING TYPE B OR C FLASHING ARROW PANEL. SIGNS PLACED ON VEHICLES MUST NOT OBSCURE THE ARROW PANEL.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE SPECIFIED.

DISTANCE BETWEEN VEHICLES MAY VARY ACCORDING TO TERRAIN, SIGHT DISTANCE, PAINT DRYING TIME, AND OTHER FACTORS. WHENEVER ADEQUATE STOPPING SIGHT DISTANCE EXISTS TO THE REAR, SHADOW VEHICLES SHOULD MAINTAIN THE MINIMUM DISTANCE FROM THE WORK VEHICLE AND PROCEED AT THE SAME SPEED AS THE WORK VEHICLE. SHADOW VEHICLES SHOULD SLOW DOWN IN ADVANCE OF VERTICAL AND HORIZONTAL CURVES THAT RESTRICT SIGHT DISTANCE.

WHEN WORK ACTIVITY BLOCKS THE LEFT LANE, REVERSE TRAFFIC CONTROL.

WHEN A RAMP INTERSECTS THE FACILITY ON WHICH THE WORK IS BEING PERFORMED, PROVIDE ADDITIONAL TRAFFIC CONTROLS AS SPECIFIED IN THE CONTRACT OR AS APPROVED BY THE ENGINEER.

USE AN ATTENUATOR ON THE REARMOST VEHICLE THAT BLOCKS ALL OR PART OF THE TRAFFIC LANE.

IF THE SHOULDER IS TOO NARROW TO ACCOMMODATE THE LAST TRAILING VEHICLE, THE VEHICLE SHOULD STRADDLE THE EDGE LINE.

WHEN NO WORK ACTIVITY IS TAKING PLACE, REMOVE OR LAY STATIONARY SIGNS AND SUPPORTS FLAT ON THE GRADE WITH UPRIGHTS ORIENTED PARALLEL TO AND DOWNSTREAM FROM TRAFFIC

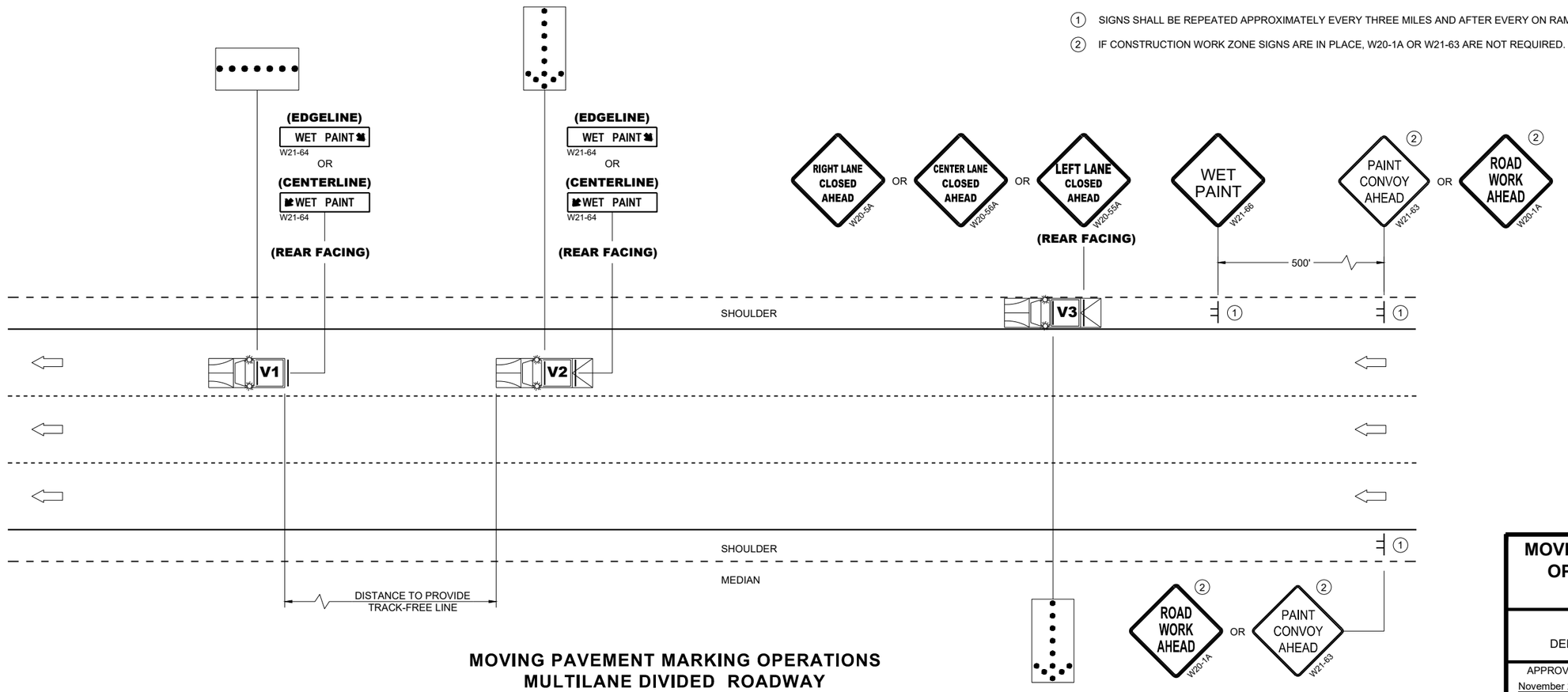
CONES SHOULD BE USED BETWEEN THE MARKING AND SHADOW VEHICLE AT 100 FOOT SPACING. CONES MAY BE OMITTED ON PAINTED LINE IF APPROVED BY THE ENGINEER. CONSIDER PAVEMENT MARKING DRY OR CURE TIMES AND TRAFFIC VOLUME.

CONES SHALL BE A MINIMUM HEIGHT OF 28" FOR WET PAVEMENT MARKINGS

WORKERS SHALL NOT PERFORM WORK FROM ANY SHADOW OR PROTECTION VEHICLES.

(1) SIGNS SHALL BE REPEATED APPROXIMATELY EVERY THREE MILES AND AFTER EVERY ON RAMP.

(2) IF CONSTRUCTION WORK ZONE SIGNS ARE IN PLACE, W20-1A OR W21-63 ARE NOT REQUIRED.



MOVING PAVEMENT MARKING OPERATIONS MULTILANE DIVIDED ROADWAY

MOVING PAVEMENT MARKING OPERATION MULTI-LANE DIVIDED ROADWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2025
DATE

/S/ Andrew Heidtke
STATE ELECTRICAL ENGINEER

FHWA

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SDD 15C19-11c

6

SDD 15C19-11c

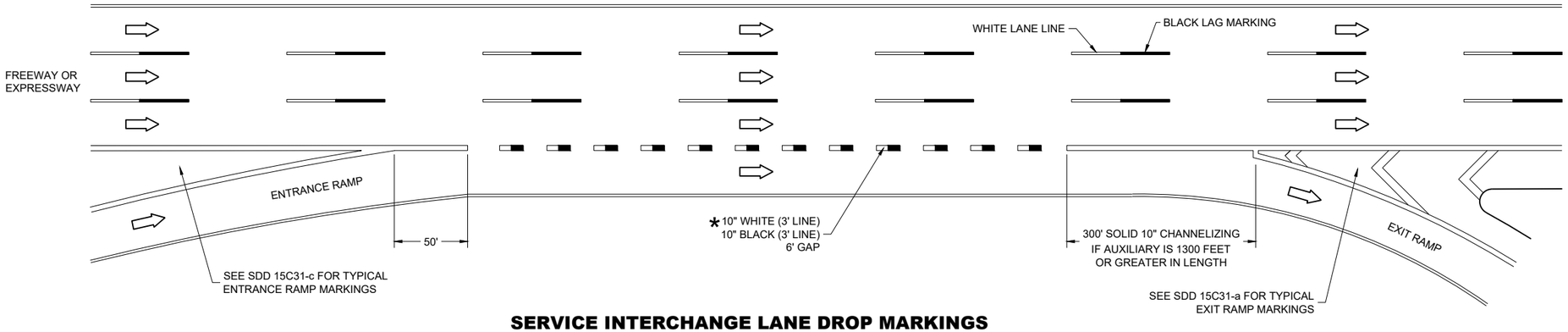
LEGEND

DIRECTION OF TRAVEL

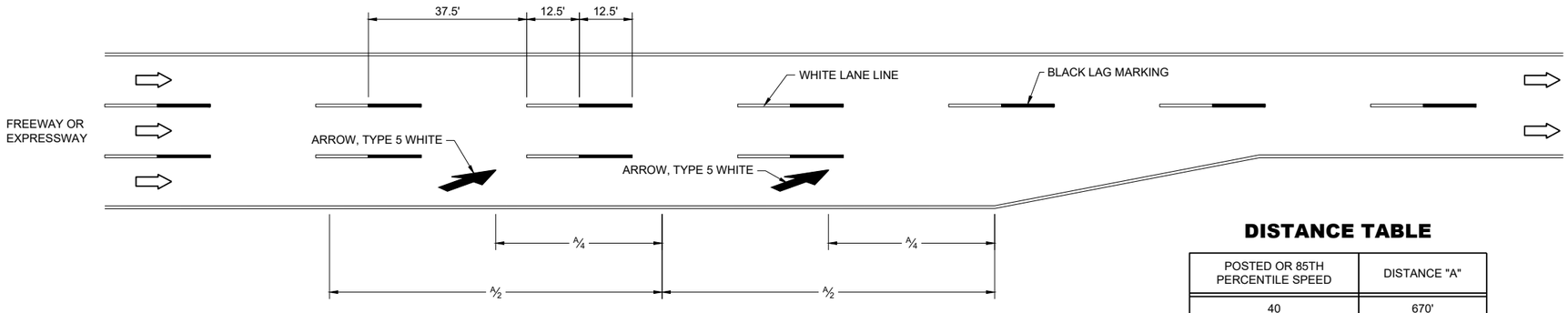
*CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES

GENERAL NOTES

PLACE GROOVE 3 INCHES LEFT OF JOINT.



SERVICE INTERCHANGE LANE DROP MARKINGS



LANE REDUCTION MARKINGS

DISTANCE TABLE

POSTED OR 85TH PERCENTILE SPEED	DISTANCE "A"
40	670'
45	775'
50	885'
55	990'
60	1100'
65	1200'
70	1250'

PAVEMENT MARKING, LANE DROP AND LANE REDUCTION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

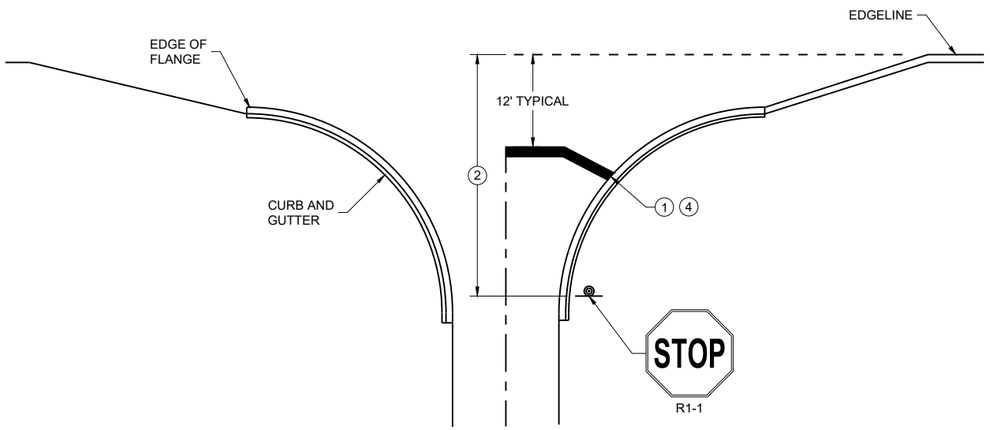
APPROVED
November 2024
DATE
/S/ Matthew Rauch
WORK ZONE ENGINEER
FHWA

6
SDD 15C31-08d

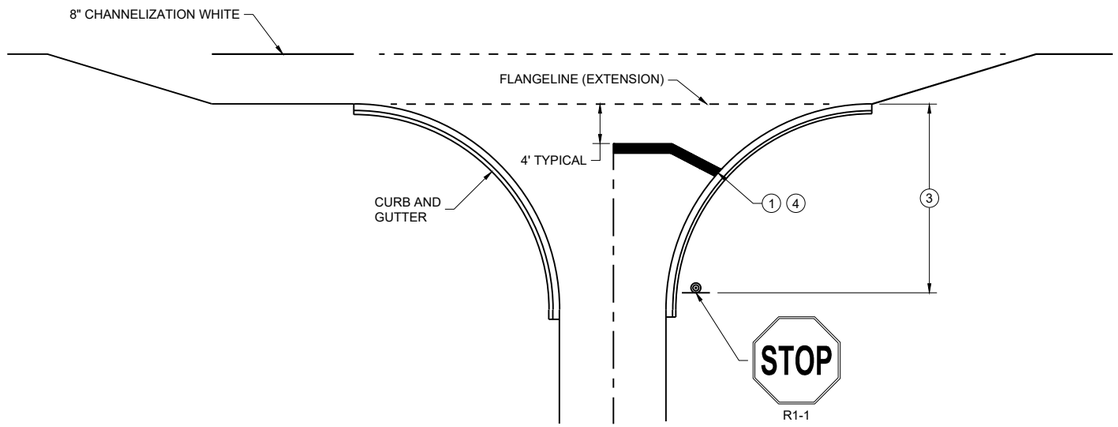
GENERAL NOTES

STOP SIGN SHALL BE PLACED A MINIMUM OF 6 FEET TO A MAXIMUM OF 50 FEET FROM THE EDGELINE LOCATION.

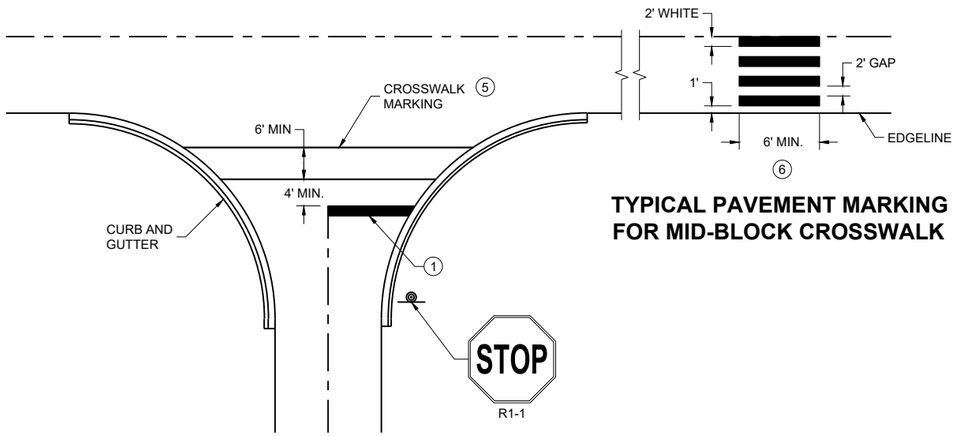
1. 18-INCH STOP LINES MAY BE DELETED OR ADDED BY THE REGION MARKING ENGINEER BASED ON VISIBILITY AND SIGHT LINES.
2. NO STOP LINE IS REQUIRED IF STOP SIGN IS LESS THAN OR EQUAL TO 40 FEET FROM THE EDGELINE.
3. NO STOP LINE IS REQUIRED IF STOP SIGN IS LESS THAN OR EQUAL TO 30 FEET FROM THE FLANGE LINE EXTENSION.
4. MOVE CLOSER TO THE EDGE OF TRAVEL LINE AS NEEDED FOR VISIBILITY AND SIGHT LINES (NO CLOSER THAN 4 FEET).
5. LADDER BAR CROSSWALKS SHOULD ONLY BE USED FOR MID BLOCK CROSSINGS. USE 2 - 6" TRANSVERSE LINES.
6. POSTED SPEED LIMITS OF 40 MPH OR GREATER USE A MINIMUM WIDTH OF 8' FOR MIDBLOCK CROSSWALKS



TYPICAL STOP LINE PAVEMENT MARKING WITH CURB AND GUTTER

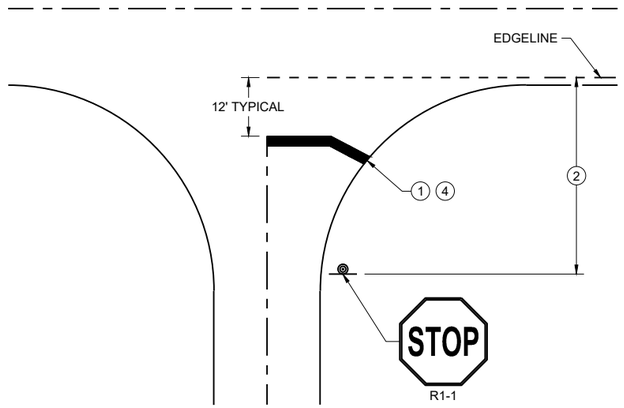


TYPICAL STOP LINE PAVEMENT MARKING FOR SIDE ROADS WITH RIGHT TURN LANE



TYPICAL PAVEMENT MARKING FOR MID-BLOCK CROSSWALK (5)

TYPICAL STOP LINE PAVEMENT MARKING FOR SIDE ROADS WITH CROSSWALK MARKING



TYPICAL STOP LINE PAVEMENT MARKING WITHOUT CURB AND GUTTER

STOP LINE AND CROSSWALK PAVEMENT MARKING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

March 2024 — DATE

/S/ Matthew Rauch — STATE SIGNING AND MARKING ENGINEER

FHWA

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SDD 15C33-05

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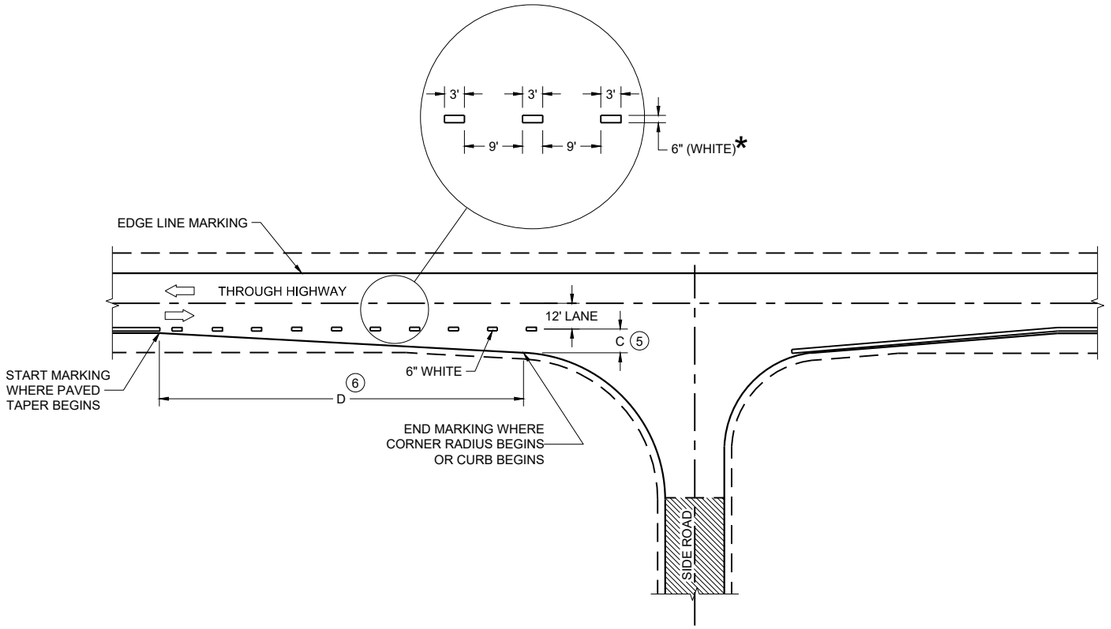
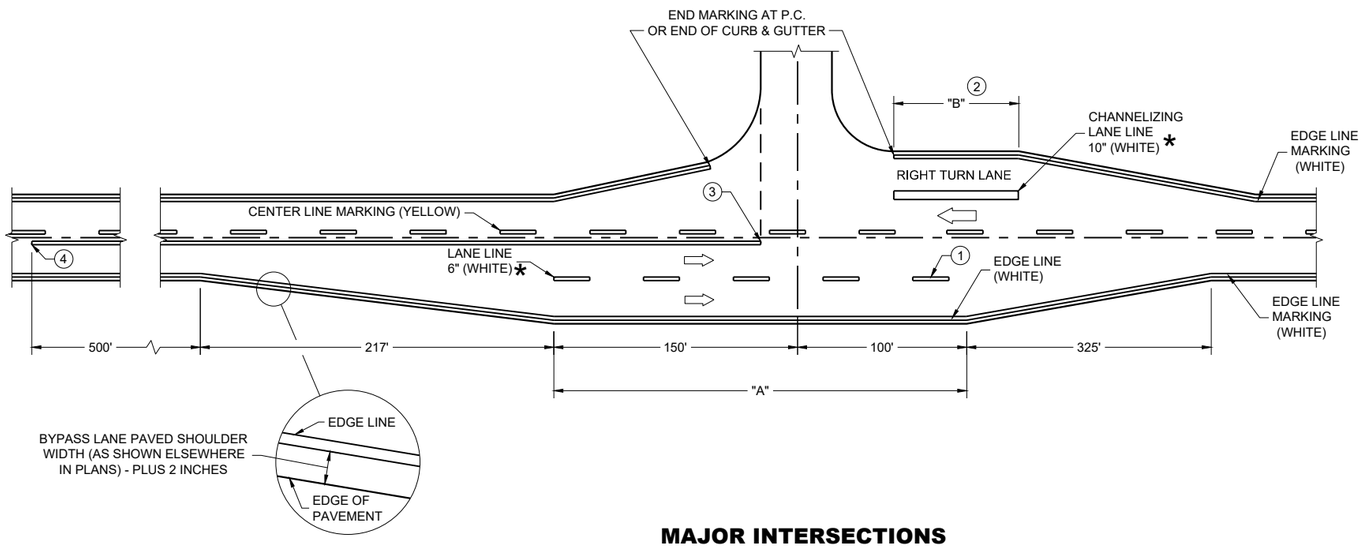
SDD 15C33-05



MINOR INTERSECTION



MAJOR INTERSECTIONS

(INTERSECTION WITH FULL RIGHT TURN LANE OR BYPASS LANE)

*CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES

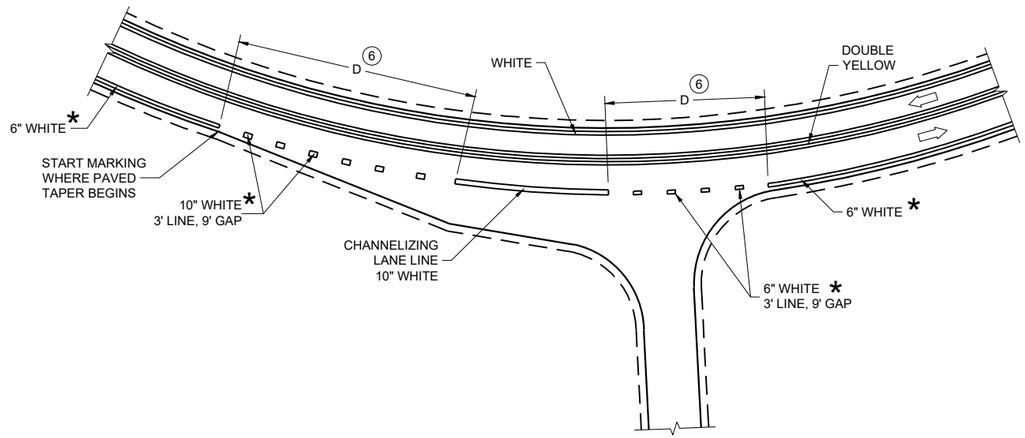
GENERAL NOTES

OMIT EDGE LINES THROUGH INTERSECTIONS. CONTINUE EDGE LINES THROUGH DRIVEWAYS.

1. WHEN DISTANCE "A" IS LESS THAN 250 FEET, OMIT LANE LINE.
2. WHEN DISTANCE "B" IS LESS THAN 100 FEET, OMIT CHANNELIZING LANE LINE.
3. BARRIER LINE ENDS AT SIDE ROAD PAVEMENT / SURFACE EDGE EXTENSION.
4. BARRIER LINE STARTS 500 FEET PRIOR TO THE BYPASS TAPER.
5. WHEN DISTANCE "C" IS LESS THAN 4 FEET, OMIT DOTTED EXTENSION.
6. WHEN DISTANCE "D" IS LESS THAN 50 FEET, OMIT DOTTED EXTENSION.

LEGEND

DIRECTION OF TRAVEL



INTERSECTION ON OUTSIDE OF CURVE

PAVEMENT MARKING (INTERSECTIONS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 15C35-06a

GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS.

THIS LANE CLOSURE IS TYPICAL FOR CLOSING RIGHT LANE - REVERSE FOR CLOSING LEFT LANE.

ALL SIGNS ARE 48" x 48" UNLESS OTHERWISE NOTED.

"WO" IS THE SAME AS "W" EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED OR AS APPROVED BY THE ENGINEER.

FOR A LANE CLOSURE THAT IS IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS, THE ADVANCED WARNING SIGNS MAY BE MOUNTED ON PORTABLE SUPPORTS.

REMOVE PAVEMENT MARKINGS AND PLACE TEMPORARY PAVEMENT MARKING LINE IF LANE CLOSURE IS TO BE IN PLACE 4 OR MORE CONTINUOUS DAYS AND NIGHTS.

IF THE HORIZONTAL ALIGNMENT IS SUCH THAT A CURVE MAY REQUIRE ADDITIONAL DELINEATION, THE DEVICE SPACING MAY BE DECREASED TO 50 FEET.

WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

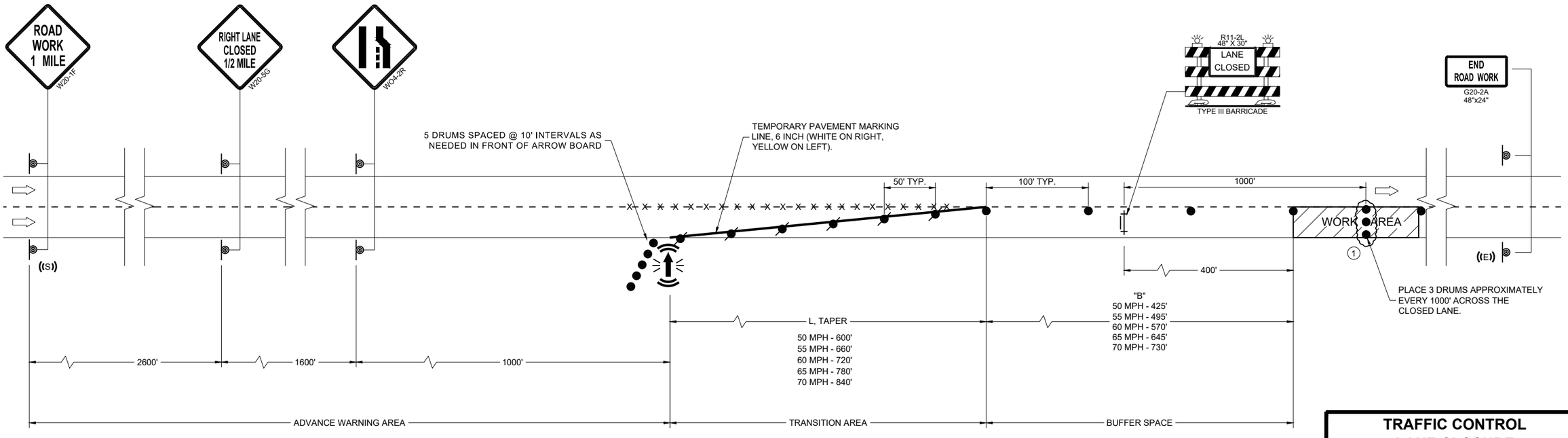
ADJUSTMENTS IN BUFFER SPACE NEED TO BE INCORPORATED WHEN THE LANE CLOSURE OCCURS NEAR AN INTERCHANGE EXIT OR ENTRANCE RAMP OR INTERSECTION. THE LANE CLOSURE MUST TAKE PLACE FAR ENOUGH IN ADVANCE OF AN EXIT OR ENTRANCE RAMP TO STILL ALLOW FOR ADEQUATE BUFFER SPACE. THE MINIMUM LENGTH OF THE BUFFER SPACE BEFORE AN EXIT RAMP SHOULD BE ONE HALF THE LENGTH OF THE TRANSITION AREA. THE ENTRANCE RAMP SHOULD BE FOLLOWED BY THE ORIGINAL BUFFER SPACE LENGTH OF 800 FEET DESIRABLE PRIOR TO ANOTHER TRAFFIC CONTROL CHANGE SUCH AS A CROSSOVER MANEUVER.

CONSIDER ROADWAY GEOMETRICS WHEN LOCATING SIGNS AND ARROW BOARD SO THE DRIVER HAS A CLEAR VIEW OF THE ARROW BOARD AND LANE CLOSURE DRUMS.

(1) DRUMS IN A CLOSED LANE THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY REESTABLISHED UPON COMPLETION OF THE OPERATION, OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

LEGEND

- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- REMOVING PAVEMENT MARKINGS
- DIRECTION OF TRAFFIC
- WORK AREA
- CONNECTED ARROW BOARD
- (S) WZ START LOCATION MARKER
- (E) WZ END LOCATION MARKER



TRAFFIC CONTROL LANE CLOSURE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2025 — DATE
/S/ Andrew Heidtke — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

FHWA

6

SDD 15D12-16a

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SDD 15D12-16a

LEGEND

- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- REMOVING PAVEMENT MARKINGS
- DIRECTION OF TRAFFIC
- WORK AREA
- CONNECTED ARROW BOARD
- WZ START LOCATION MARKER
- WZ END LOCATION MARKER

GENERAL NOTES

FOR WORK ON ROADWAYS WITH SPEEDS GREATER THAN 45MPH, USE SDD 15D12.

THIS LANE CLOSURE DETAIL IS TYPICAL FOR CLOSING THE LEFT LANE. FOR A RIGHT LANE CLOSURE, REVERSE THE TRAFFIC CONTROL.

THIS DETAIL MAY BE USED FOR ROADWAYS WITH EITHER TWO OR THREE LANES IN EACH DIRECTION.

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36"X 36" SIGNS MAY BE USED IF APPROVED BY REGIONAL TRAFFIC UNIT.

"WO" SIGN IS THE SAME AS "W" SIGN EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON COVERED OR "DOWNED" SIGNS.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS OR THAT WILL BE PLACED IN A CLOSED LANE MAY BE MOUNTED ON TEMPORARY SUPPORTS.

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500' DESIRABLE) DISTANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE

W20-1A, G20-1 AND G20-2A SIGNS ARE NOT REQUIRED IF THE LANE CLOSURE IS WITHIN A LARGER WORK ZONE WHERE THESE SIGNS ARE ALREADY PRESENT.

REMOVE PAVEMENT MARKINGS AND PLACE TEMPORARY PAVEMENT MARKING LINE IF LANE CLOSURE IS TO BE IN PLACE FOR 4 OR MORE CONTINUOUS DAYS AND NIGHTS.

CONSIDER GEOMETRICS WHEN LOCATING SIGNS AND ARROW BOARDS SO THE APPROACHING DRIVER HAS A CLEAR VIEW OF THE ARROW BOARDS AND LANE CLOSURE DRUMS FOR A MINIMUM 1500 FEET IN FRONT OF DRUMS.

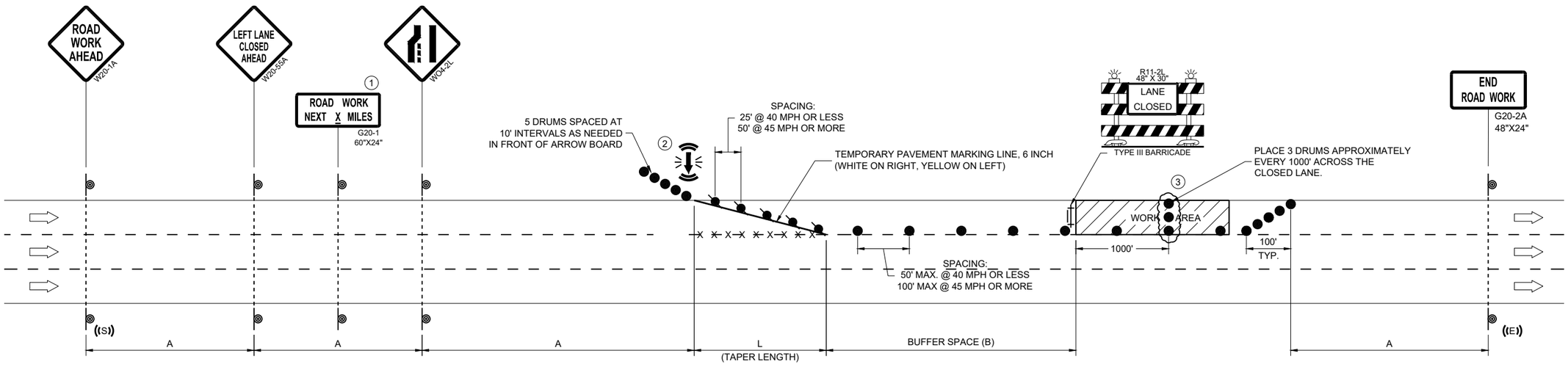
CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

(1) OMIT G20-1 SIGNS IF LENGTH OF WORK AREA IS 2 MILES OR LESS.

(2) WHERE THE SHOULDER OR TERRACE HAS INSUFFICIENT SPACE TO PLACE THE ARROW BOARD AS SHOWN, PLACE THE ARROW BOARD AT THE END OF THE TAPER.

(3) DRUMS IN A CLOSED LANE THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY REESTABLISHED UPON COMPLETION OF THE OPERATION, OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.



POSTED SPEED LIMIT PRIOR TO WORK STARTING (MPH)	ADVANCE WARNING SIGN SPACING (A) FEET	TAPER LENGTH (12 FT. LANE) (L) FEET	BUFFER SPACE (B) FEET
25	200'	125'	155'
30	200'	180'	200'
35	350'	245'	250'
40	350'	320'	305'
45	500'	540'	360'

TRAFFIC CONTROL, SINGLE LANE CLOSURE, DIVIDED NON-FREEWAY/EXPRESSWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

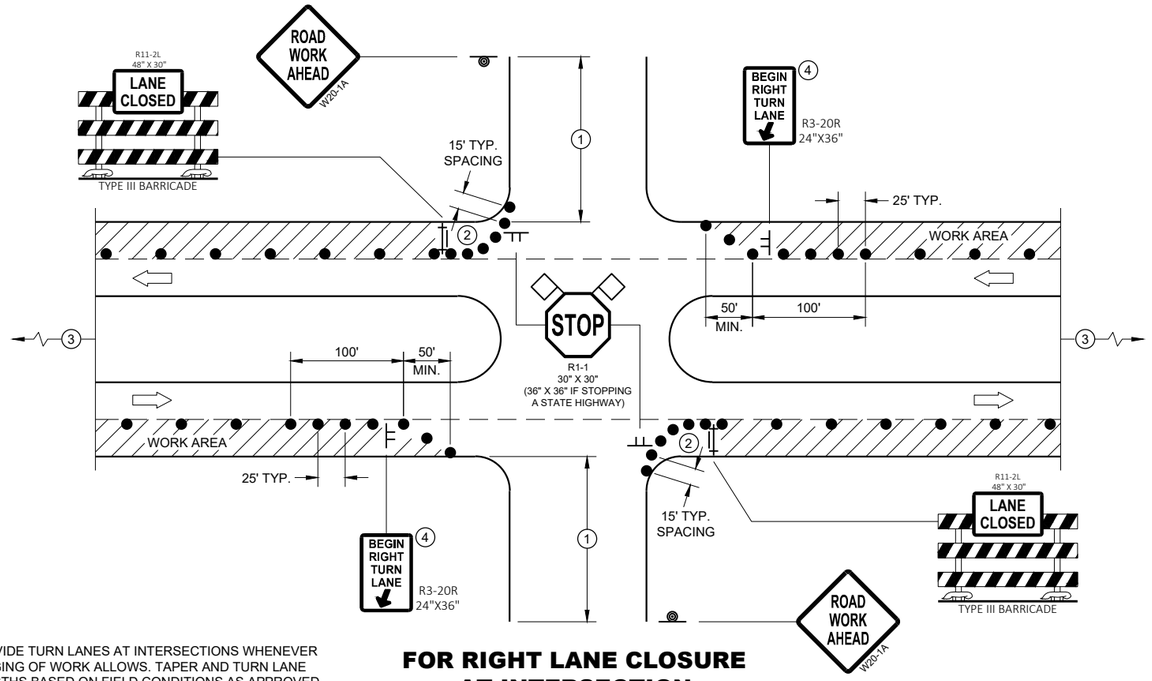
APPROVED
November 2025
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

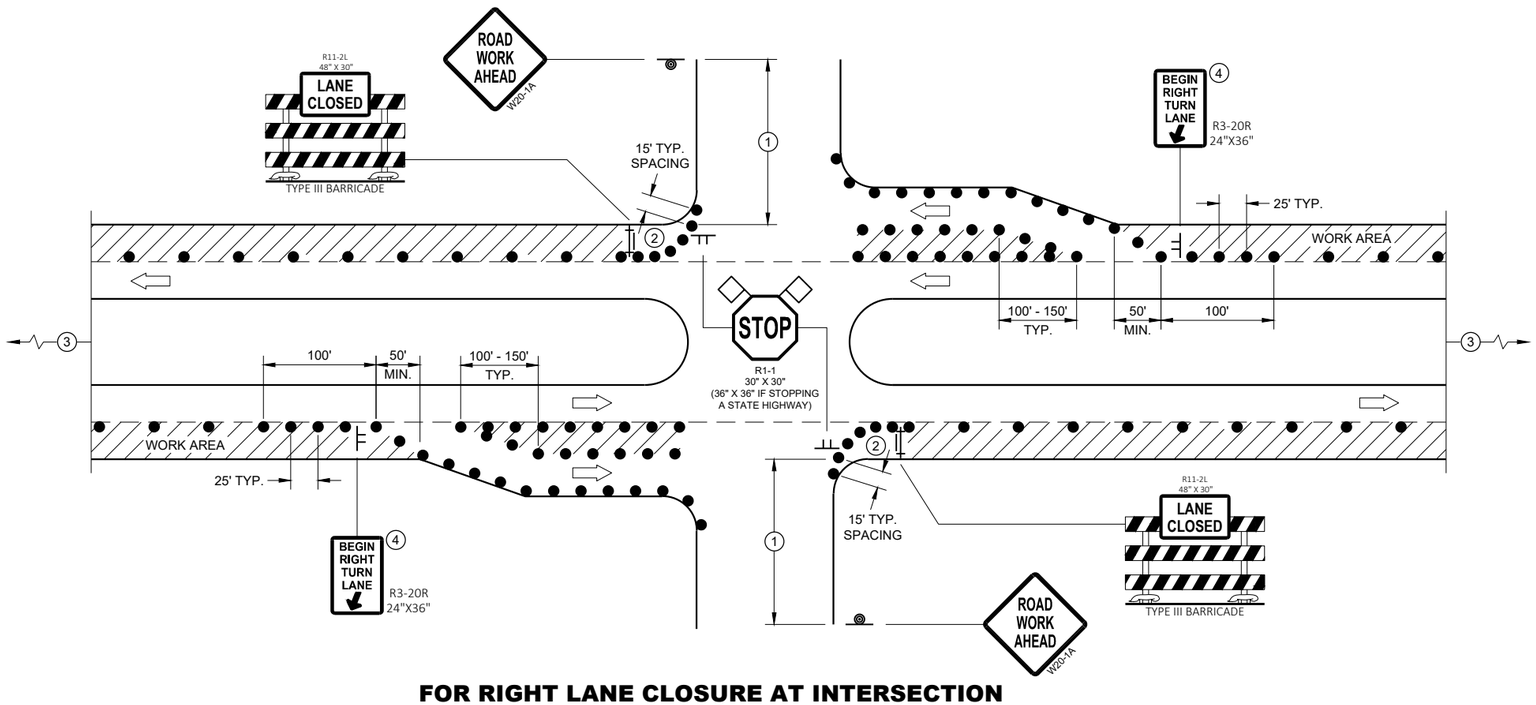
6

SDD 15D20-11a



PROVIDE TURN LANES AT INTERSECTIONS WHENEVER STAGING OF WORK ALLOWS. TAPER AND TURN LANE LENGTHS BASED ON FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

FOR RIGHT LANE CLOSURE AT INTERSECTION



FOR RIGHT LANE CLOSURE AT INTERSECTION (WITH RIGHT TURN BAY OPEN)

GENERAL NOTES

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36" X 36" MAY BE USED IF APPROVED BY THE DISTRICT TRAFFIC UNIT.

"WO" SIGN IS THE SAME AS "W" SIGN EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON COVERED OR "DOWNED" SIGNS.

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500' DESIRABLE) DISTANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE FHWA'S MANUAL OF STANDARD HIGHWAY SIGNS OR THE WISCONSIN STANDARD SIGN PLATES.

SIGNS THAT WILL REMAIN IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS OR THAT WILL BE PLACED IN A CLOSED LANE MAY BE MOUNTED ON PORTABLE SUPPORTS.

BARRICADES IN A CLOSED LANE THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY REESTABLISHED UPON COMPLETION OF THE OPERATION, OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

(1) 500' TYPICAL OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.
350' IF 35 - 40 MPH.
200' IF 25 - 30 MPH.

(2) ALSO USE BARRICADE AND 15 FOOT TYPICAL DRUM SPACING AT COMMERCIAL DRIVEWAYS

(3) SEE SEPARATE LANE CLOSURE DETAIL FOR ADDITIONAL TRAFFIC CONTROL.

(4) MINIMUM MOUNTING HEIGHT OF 5 FEET FROM EDGE OF PAVEMENT (AT EDGE LINE LOCATION) TO BOTTOM OF SIGN.

LEGEND

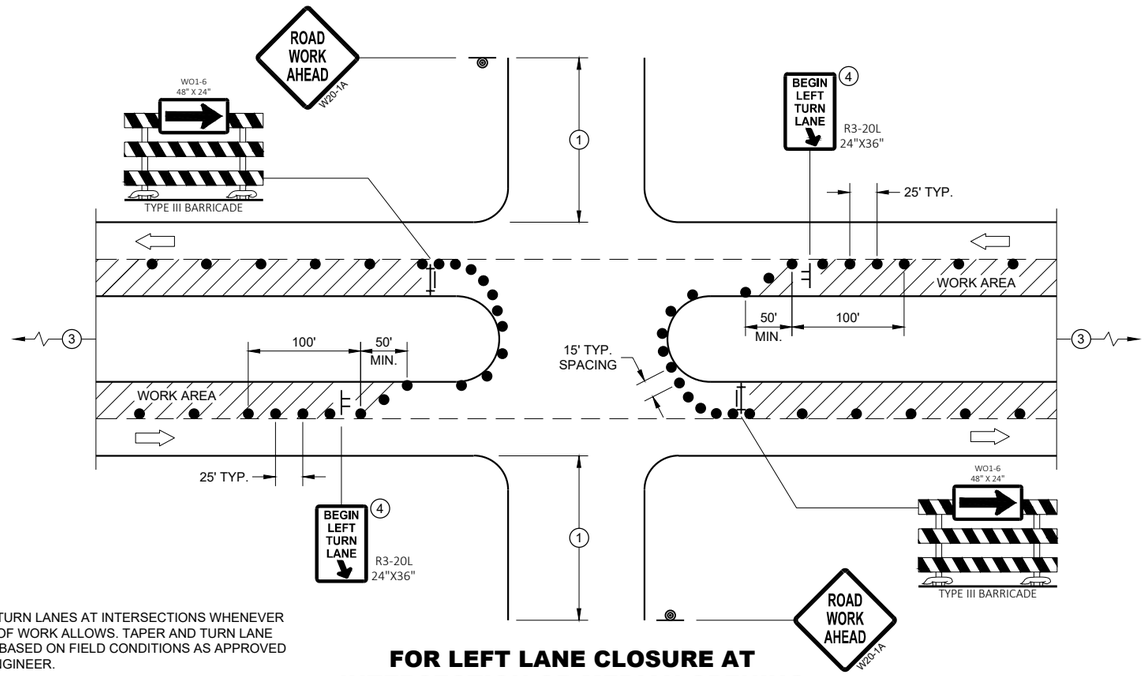
- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TYPE III BARRICADE WITH ATTACHED SIGN
- DIRECTION OF TRAFFIC
- FLAGS, 16" X 16" MIN., ORANGE
- WORK AREA

TRAFFIC CONTROL, INTERSECTION WITHIN SINGLE RIGHT LANE CLOSURE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 15D21 - 07a



PROVIDE TURN LANES AT INTERSECTIONS WHENEVER STAGING OF WORK ALLOWS. TAPER AND TURN LANE LENGTHS BASED ON FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

FOR LEFT LANE CLOSURE AT INTERSECTION OR MEDIAN OPENING

GENERAL NOTES

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36" X 36" MAY BE USED IF APPROVED BY THE DISTRICT TRAFFIC UNIT.

"WO" SIGN IS THE SAME AS "W" SIGN EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON COVERED OR "DOWNED" SIGNS.

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500' DESIRABLE) DISTANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE FHWA'S MANUAL OF STANDARD HIGHWAY SIGNS OR THE WISCONSIN STANDARD SIGN PLATES.

SIGNS THAT WILL REMAIN IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS OR THAT WILL BE PLACED IN A CLOSED LANE MAY BE MOUNTED ON PORTABLE SUPPORTS.

BARRICADES IN A CLOSED LANE THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY REESTABLISHED UPON COMPLETION OF THE OPERATION, OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

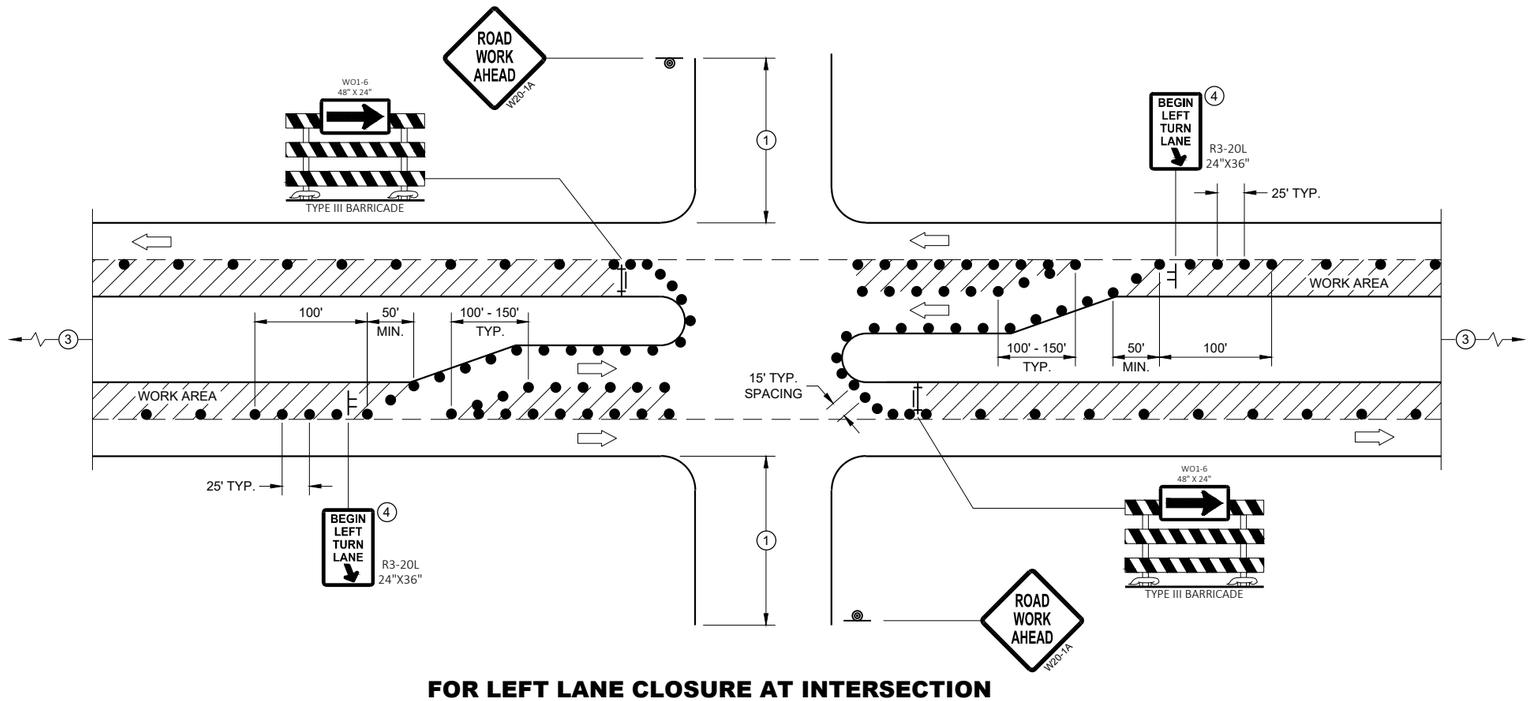
CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

(1) 500' TYPICAL OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.
350' IF 35 - 40 MPH.
200' IF 25 - 30 MPH.

(2) ALSO USE BARRICADE AND 15 FOOT TYPICAL DRUM SPACING AT COMMERCIAL DRIVEWAYS

(3) SEE SEPARATE LANE CLOSURE DETAIL FOR ADDITIONAL TRAFFIC CONTROL.

(4) MINIMUM MOUNTING HEIGHT OF 5 FEET FROM EDGE OF PAVEMENT (AT EDGE LINE LOCATION) TO BOTTOM OF SIGN.



FOR LEFT LANE CLOSURE AT INTERSECTION OR MEDIAN OPENING (WITH LEFT TURN BAY OPEN)

LEGEND

- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TYPE III BARRICADE WITH ATTACHED SIGN
- DIRECTION OF TRAFFIC
- FLAGS, 16" X 16" MIN., ORANGE
- WORK AREA

TRAFFIC CONTROL, INTERSECTION WITHIN SINGLE LEFT LANE CLOSURE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
August 2020
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

6

SDD 15D21 - 07b
SDD 15D21 - 07b

LEGEND

- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- DIRECTION OF TRAFFIC
- -X–X–X- REMOVE PAVEMENT MARKING (SEE GENERAL NOTES)
- WORK AREA
- CONNECTED ARROW BOARD
- (S) WZ START LOCATION MARKER
- (E) WZ END LOCATION MARKER

GENERAL NOTES

FOR WORK ON ROADWAYS WITH SPEEDS GREATER THAN 45 MPH, USE SDD 15D14.

THIS LANE CLOSURE DETAIL IS TYPICAL FOR CLOSING THE RIGHT TWO LANES.
FOR CLOSING LEFT TWO LANES, REVERSE THE TRAFFIC CONTROL.

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36"X 36" SIGNS MAY BE USED IF APPROVED BY REGIONAL TRAFFIC UNIT.

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SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS OR THAT WILL BE PLACED IN A CLOSED LANE MAY BE MOUNTED ON TEMPORARY SUPPORTS.

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

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W20-1A, G20-1 AND G20-2A SIGNS ARE NOT REQUIRED IF THE LANE CLOSURE IS WITHIN A LARGER WORK ZONE WHERE THESE SIGNS ARE ALREADY PRESENT.

REMOVE PAVEMENT MARKINGS AND PLACE TEMPORARY PAVEMENT MARKING LINES IF LANE CLOSURE IS TO BE IN PLACE FOR 4 OR MORE CONTINUOUS DAYS AND NIGHTS.

CONSIDER GEOMETRICS WHEN LOCATING SIGNS AND ARROW BOARDS SO THE APPROACHING DRIVER HAS A CLEAR VIEW OF THE ARROW BOARDS AND LANE CLOSURE DRUMS FOR A MINIMUM 1500 FEET IN FRONT OF DRUMS.

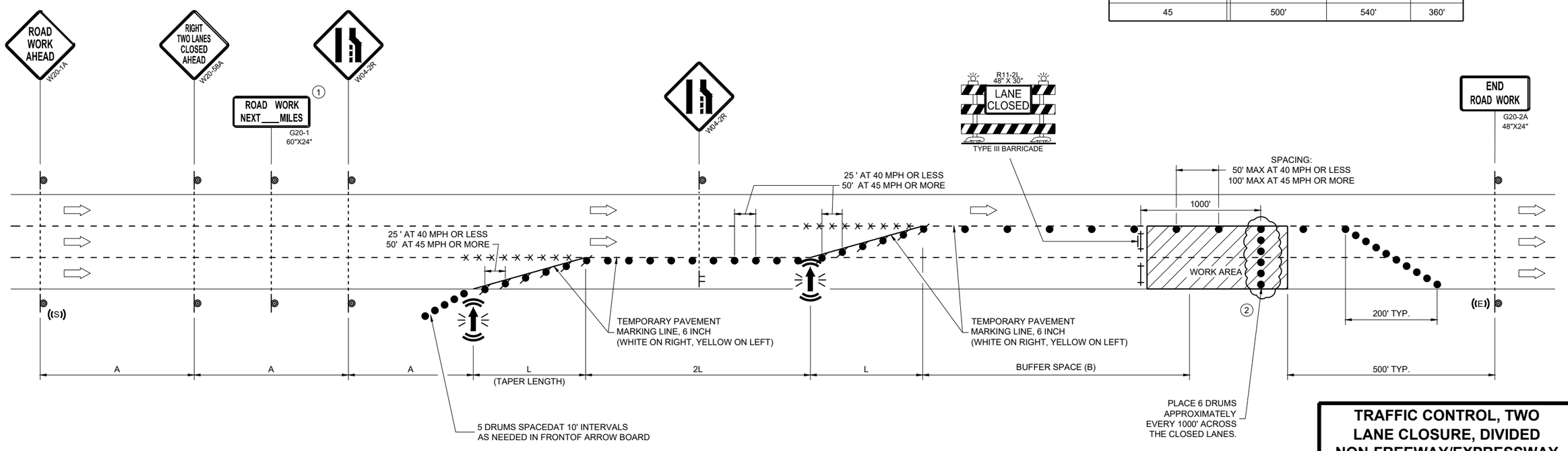
CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

(1) OMIT G20-1 SIGNS IF LENGTH OF WORK AREA IS 2 MILES OR LESS.

(2) DRUMS IN A CLOSED LANE THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY REESTABLISHED UPON COMPLETION OF THE OPERATION, OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

POSTED SPEED LIMIT PRIOR TO WORK STARTING (MPH)	ADVANCE WARNING SIGN SPACING (A) FEET	TAPER LENGTH (12 FT. LANE) (L) FEET	BUFFER SPACE (B) FEET
25	200'	125'	155'
30	200'	180'	200'
35	350'	245'	250'
40	350'	320'	305'
45	500'	540'	360'



TRAFFIC CONTROL, TWO LANE CLOSURE, DIVIDED NON-FREEWAY/EXPRESSWAY

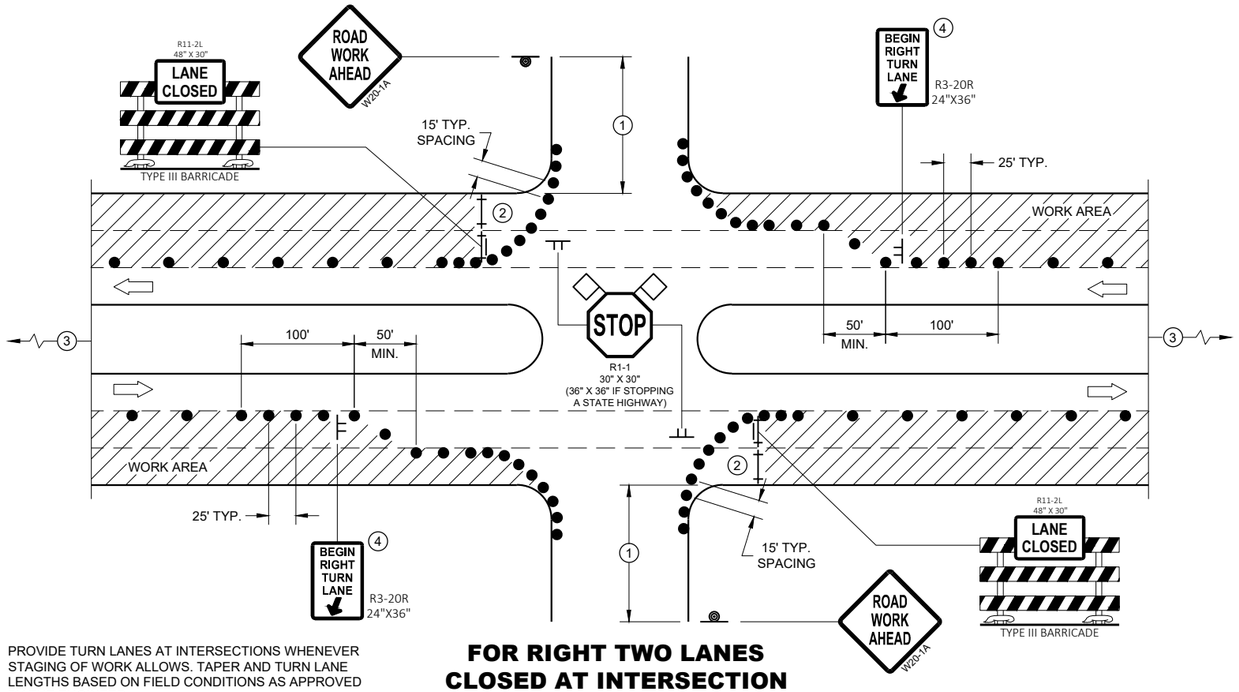
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2025 — DATE
/S/ Andrew Heidtke — WORK ZONE ENGINEER

FHWA

6

SDD 15D22-08



PROVIDE TURN LANES AT INTERSECTIONS WHENEVER STAGING OF WORK ALLOWS. TAPER AND TURN LANE LENGTHS BASED ON FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

FOR RIGHT TWO LANES CLOSED AT INTERSECTION

GENERAL NOTES

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36" X 36" MAY BE USED IF APPROVED BY THE DISTRICT TRAFFIC UNIT.

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SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE FHWA'S MANUAL OF STANDARD HIGHWAY SIGNS OR THE WISCONSIN STANDARD SIGN PLATES.

SIGNS THAT WILL REMAIN IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS OR THAT WILL BE PLACED IN A CLOSED LANE MAY BE MOUNTED ON PORTABLE SUPPORTS.

BARRICADES IN A CLOSED LANE THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY REESTABLISHED UPON COMPLETION OF THE OPERATION, OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

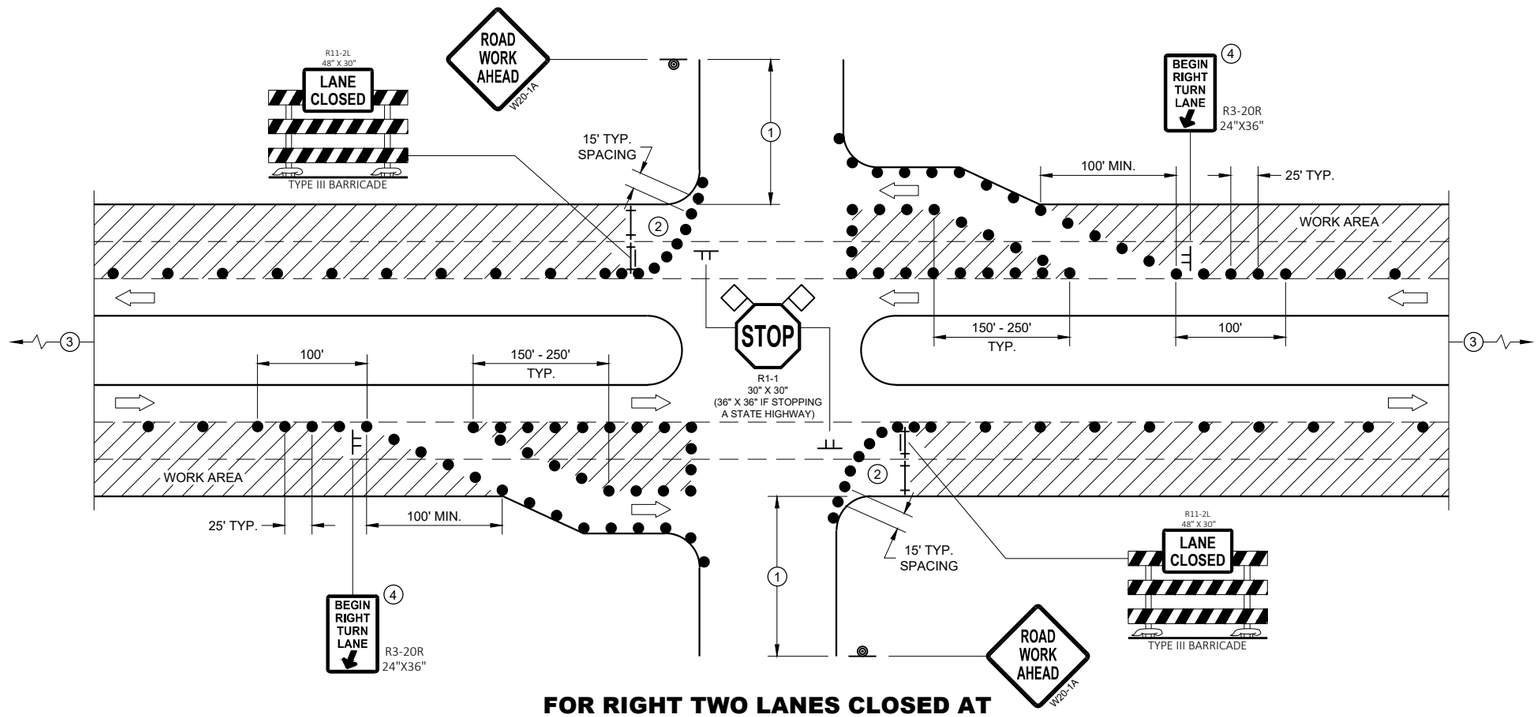
CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

(1) 500' TYPICAL OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.
350' IF 35 - 40 MPH.
200' IF 25 - 30 MPH.

(2) ALSO USE BARRICADE AND 15 FOOT TYPICAL DRUM SPACING AT COMMERCIAL DRIVEWAYS

(3) SEE SEPARATE LANE CLOSURE DETAIL FOR ADDITIONAL TRAFFIC CONTROL.

(4) MINIMUM MOUNTING HEIGHT OF 5 FEET FROM EDGE OF PAVEMENT (AT EDGE LINE LOCATION) TO BOTTOM OF SIGN.



FOR RIGHT TWO LANES CLOSED AT INTERSECTION (WITH RIGHT TURN BAY OPEN)

LEGEND

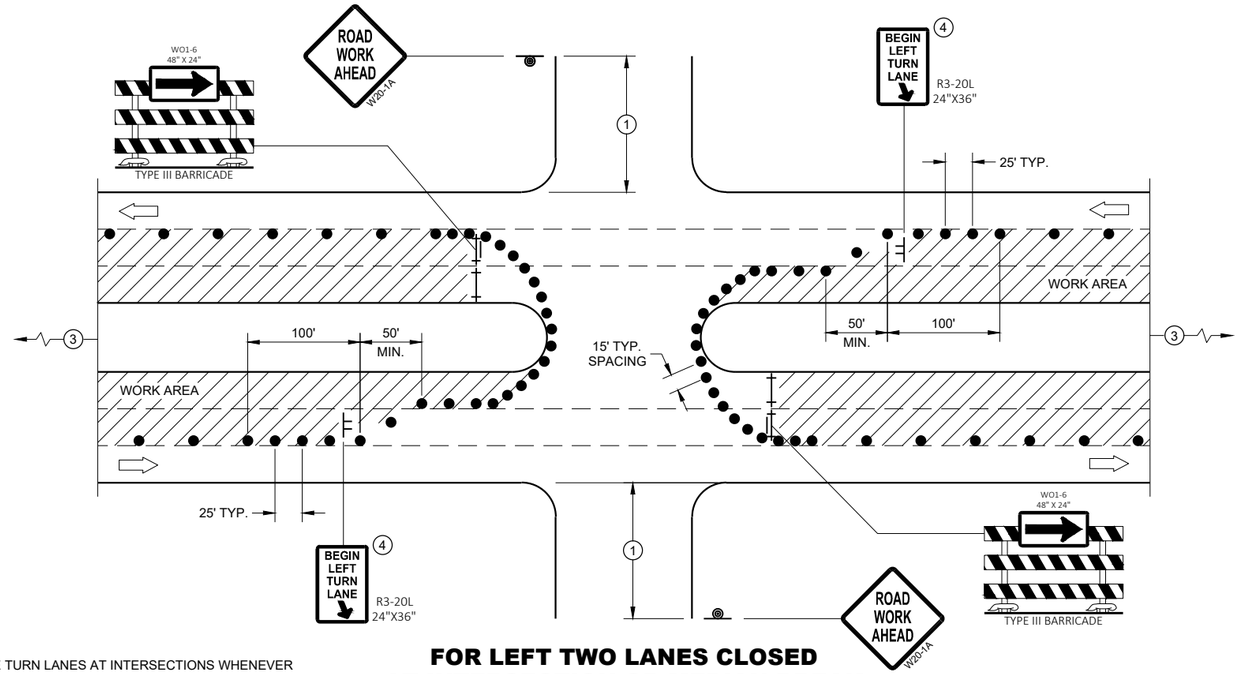
- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- DIRECTION OF TRAFFIC
- FLAGS, 16" X 16" MIN., ORANGE
- WORK AREA

TRAFFIC CONTROL, INTERSECTION WITHIN TWO RIGHT LANE CLOSURE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 15D23 - 07a
SDD 15D23 - 07a



FOR LEFT TWO LANES CLOSED AT INTERSECTION OR MEDIAN BREAK

PROVIDE TURN LANES AT INTERSECTIONS WHENEVER STAGING OF WORK ALLOWS. TAPER AND TURN LANE LENGTHS BASED ON FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

GENERAL NOTES

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36" X 36" MAY BE USED IF APPROVED BY THE DISTRICT TRAFFIC UNIT.

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SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE FHWA'S MANUAL OF STANDARD HIGHWAY SIGNS OR THE WISCONSIN STANDARD SIGN PLATES.

SIGNS THAT WILL REMAIN IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS OR THAT WILL BE PLACED IN A CLOSED LANE MAY BE MOUNTED ON PORTABLE SUPPORTS.

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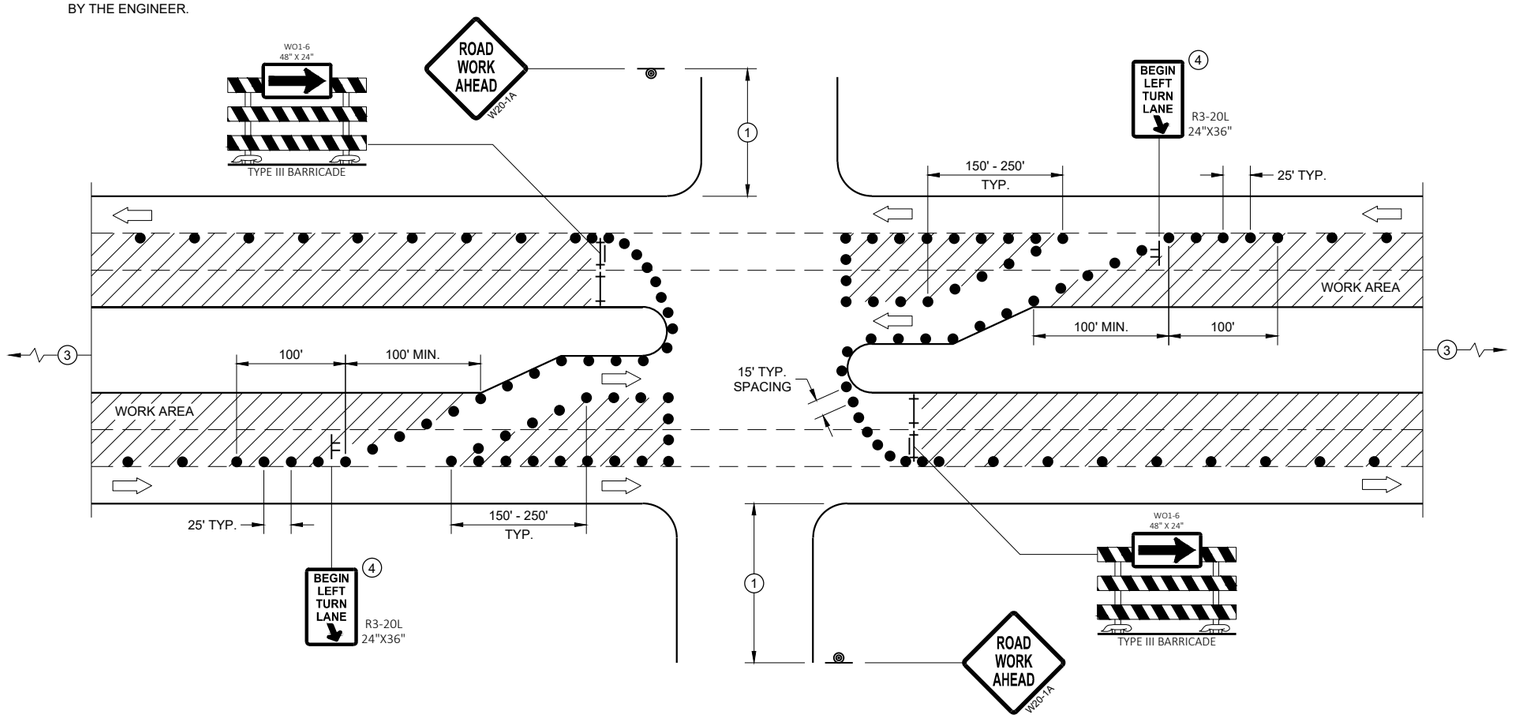
(1) 500' TYPICAL OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.
350' IF 35 - 40 MPH.
200' IF 25 - 30 MPH.

(2) ALSO USE BARRICADE AND 15 FOOT TYPICAL DRUM SPACING AT COMMERCIAL DRIVEWAYS

(3) SEE SEPARATE LANE CLOSURE DETAIL FOR ADDITIONAL TRAFFIC CONTROL.

(4) MINIMUM MOUNTING HEIGHT OF 5 FEET FROM EDGE OF PAVEMENT (AT EDGE LINE LOCATION) TO BOTTOM OF SIGN.



FOR LEFT TWO LANES CLOSED AT INTERSECTION OR MEDIAN BREAK (WITH LEFT TURN BAY OPEN)

LEGEND

- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- DIRECTION OF TRAFFIC
- FLAGS, 16" X 16" MIN., ORANGE
- WORK AREA

TRAFFIC CONTROL, INTERSECTION WITHIN TWO LEFT LANE CLOSURE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
August 2021
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE 684

FHWA

LEGEND

- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- DIRECTION OF TRAFFIC
- WORK ZONE

GENERAL NOTES

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36" X 36" SIGNS MAY BE USED IF APPROVED BY THE REGIONAL TRAFFIC UNIT.

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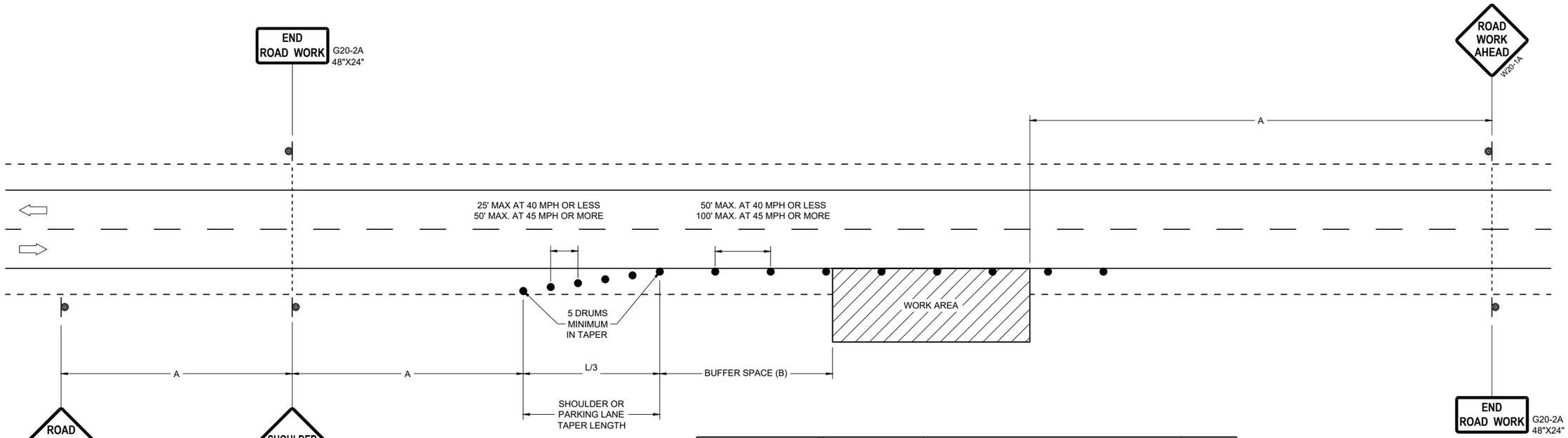
CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

W20-1A AND G20-2A SIGNS ARE NOT REQUIRED IF THE WORK AREA IS WITHIN A LARGER WORK ZONE WHERE THESE SIGNS ARE ALREADY PRESENT. G20-2A SIGNS MAY ALSO BE OMITTED IF DURATION OF WORK IS LESS THAN 7 CONTINUOUS DAYS AND NIGHTS.



POSTED SPEED LIMIT PRIOR TO WORK STARTING (MPH)	ADVANCE WARNING SIGN SPACING (A) FEET	SHOULDER TAPER L / 3 W, LATERAL OFFSET (FT)						BUFFER SPACE (B) FEET
		3	4	5	6	7	8	
25	200'	10	14	17	21	24	28	155
30	200'	15	20	25	30	35	40	200
35	350'	20	27	34	40	47	54	250
40	350'	26	35	44	53	62	70	305
45	500'	45	59	74	89	104	119	360
50	500'	50	66	83	99	116	132	425
55	500'	54	73	91	109	127	145	495

TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2025
DATE

/S/ ANDREW HEIDTKE
STATEWIDE WORK ZONE TRAFFIC SAFETY ENGINEER

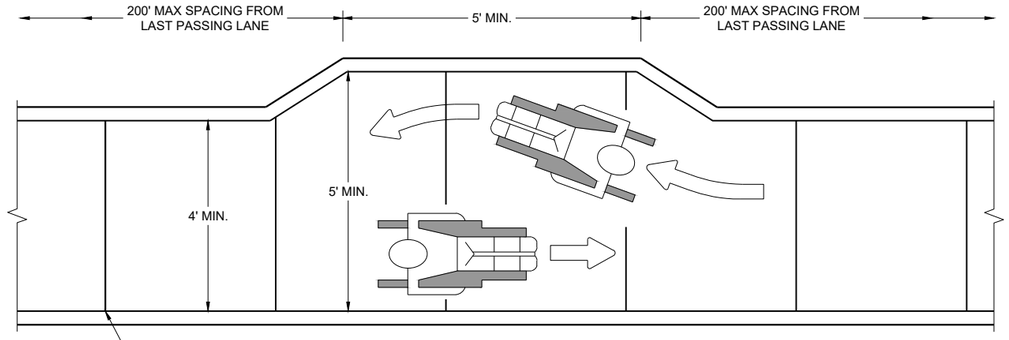
FHWA

6

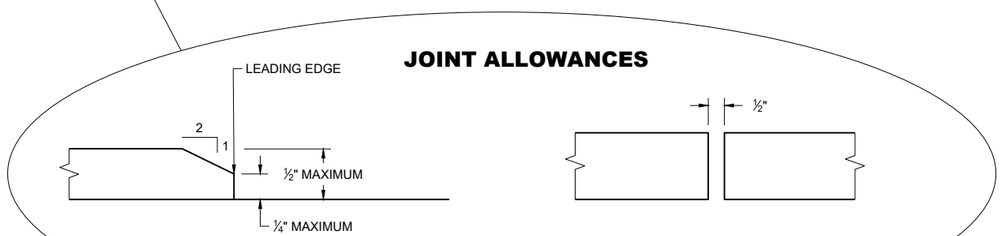
SDD 15D28-05

6

SDD 15D28-05



NARROW SIDEWALK PASSING DETAIL



MAXIMUM VERTICAL GAP

MAXIMUM HORIZONTAL GAP

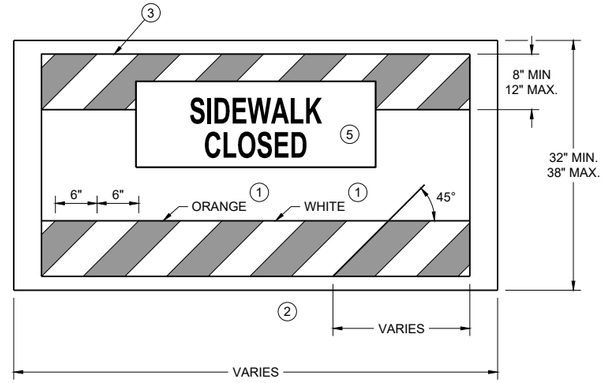
GENERAL NOTES

BARRICADE DEVICE SELECTED FROM APPROVED PRODUCT LIST

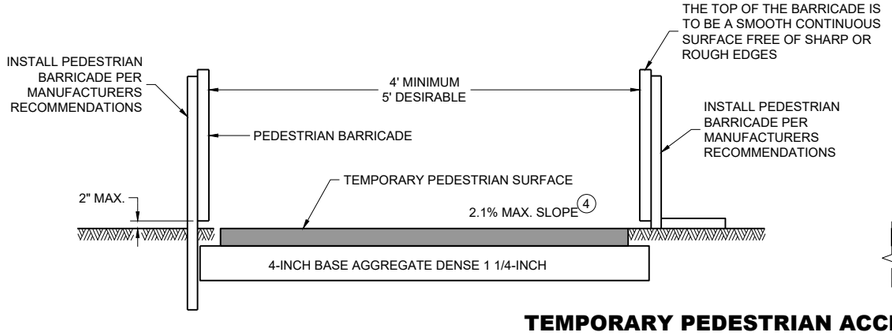
1. REFLECTIVE SHEETING SHALL FOLLOW THE REQUIREMENTS IN THE APPROVED PRODUCTS LISTING FOR SIGN SHEETING.
2. SHEETING REQUIRED ON MORE THAN 50% OF BARRICADE WIDTH.
3. PLACE SHEETING ON BOTH SIDES OF THE BARRICADE.

* USE THIS DETAIL FOR SHEETING PLACEMENT REFERENCE.

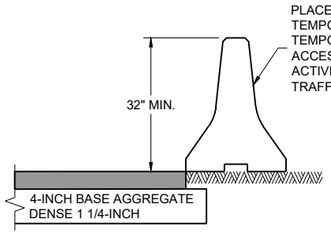
4. WHEN THE TEMPORARY PEDESTRIAN ACCESS ROUTE RUNS PARALLEL ON THE ROADWAY SURFACE, THE MAXIMUM CROSS SLOPE WILL MATCH THE EXISTING ROADWAY CROSS SLOPE.
5. WHERE SIGNS FOR TEMPORARY PEDESTRIAN ACCOMMODATIONS ARE SHOWN BEING PLACED BEHIND TEMPORARY PEDESTRIAN BARRICADE, THE SIGNS MAY BE MOUNTED ON THE TEMPORARY PEDESTRIAN BARRICADE INSTEAD. A CORRUGATED POLYPROPYLENE OR POLYETHYLENE PLASTIC SIGN BASE SHALL BE USED IF MOUNTED ON THE BARRICADE. THE TOP OF THE SIGN SHALL BE MOUNTED BELOW THE TOP OF THE BARRICADE TO ALLOW A CONTINUOUS HAND-TRAILING EDGE.



TEMPORARY PEDESTRIAN BARRICADE *



TEMPORARY PEDESTRIAN ACCESS



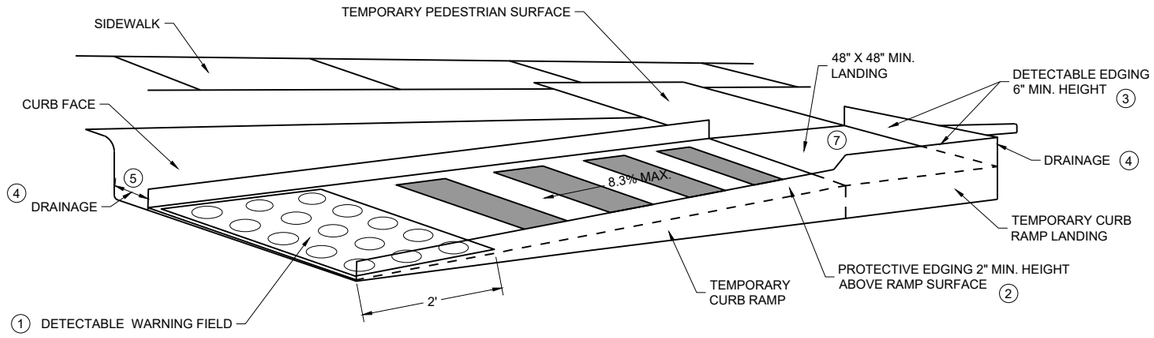
TEMPORARY PEDESTRIAN FLAGGING

LEGEND

- TEMPORARY PEDESTRIAN BARRICADE
- AUDIBLE MESSAGE DEVICE
- TEMPORARY SIGN SUPPORT
- WORK AREA

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



PERSPECTIVE VIEW

GENERAL NOTES

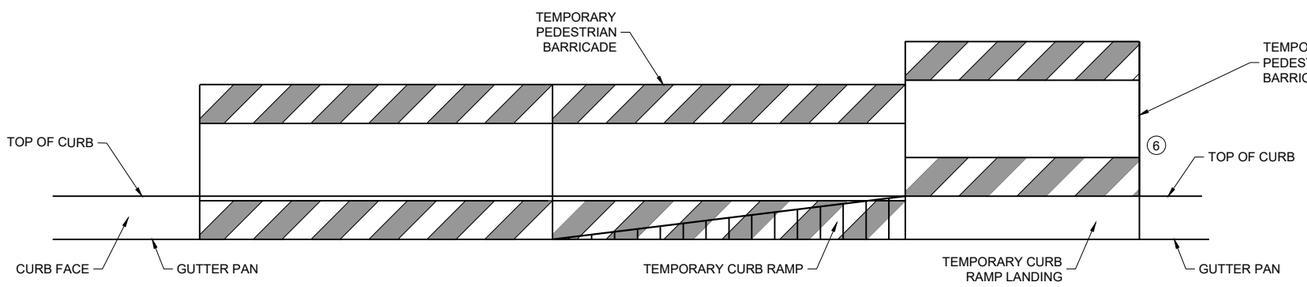
CURB RAMPS SHALL BE 48" MIN. WIDTH WITH A FIRM, STABLE AND SLIP RESISTANT SURFACE.

CURB RAMPS AND LANDINGS SHALL HAVE A 1:48 (2.1%) MAX. CROSS-SLOPE.

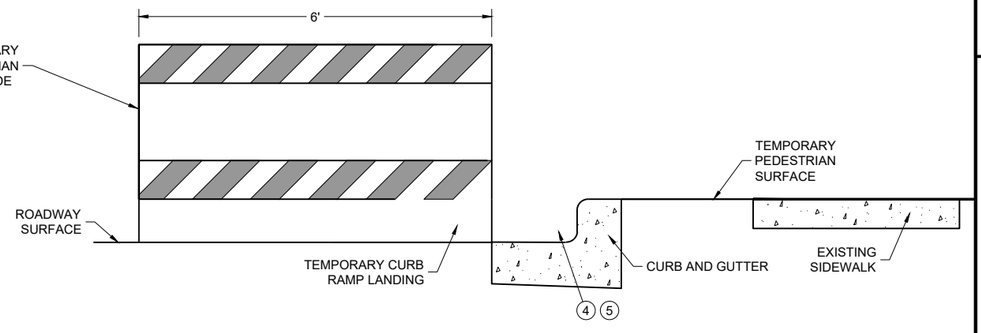
CLEAR SPACE OF 48" X 48" SHALL BE PROVIDED ABOVE AND BELOW THE CURB RAMP.
LATERAL JOINTS OR GAPS BETWEEN SURFACES SHALL BE LESS THAN ½" WIDTH.

CHANGES BETWEEN SURFACE HEIGHTS SHALL NOT EXCEED ½". LATERAL EDGES MAY BE VERTICAL UP TO ¼" HIGH AND SHALL BE BEVELED AT 1:2 BETWEEN ¼" AND ½".

1. INSTALL CONTRASTING TEMPORARY DETECTABLE WARNING FIELD AT PEDESTRIAN STREET CROSSINGS, AS SHOWN IN THE PLANS.
2. PROTECTIVE EDGING WITH A 2" MIN. HEIGHT SHALL BE INSTALLED WHEN A CURB RAMP OR LANDING PLATFORM HAS A VERTICAL DROP OF 6" OR GREATER OR HAS A SIDE APRON SLOPE STEEPER THAN 1:3 (33%). PROTECTIVE EDGING SHOULD BE CONSIDERED WHEN CURB RAMPS OR LANDING PLATFORMS HAVE A VERTICAL DROP OF 3" OR MORE.
3. DETECTABLE EDGING WITH 6" MIN. HEIGHT AND CONTRASTING COLOR SHALL BE INSTALLED ON ALL CURB RAMP LANDINGS WHERE THE WALKWAY CHANGES DIRECTION (TURNS).
4. DO NOT RESTRICT WATER FLOW IN THE GUTTER SYSTEM.
5. ENSURE CURB RAMP IS OUT OF THE GUTTER PAN.
6. IF ONLY PART OF THE END PANEL OF TEMPORARY PEDESTRIAN BARRICADE PANEL IS NEEDED, EXTEND EXCESS PORTION OF TEMPORARY PEDESTRIAN BARRICADE PANEL HERE.
7. LANDING TO BE SLOPED A MAXIMUM OF 2.1% IN ALL DIRECTIONS OF PEDESTRIAN TRAVEL.



FRONT VIEW



SIDE VIEW

TEMPORARY CURB RAMP PARALLEL TO CURB

6

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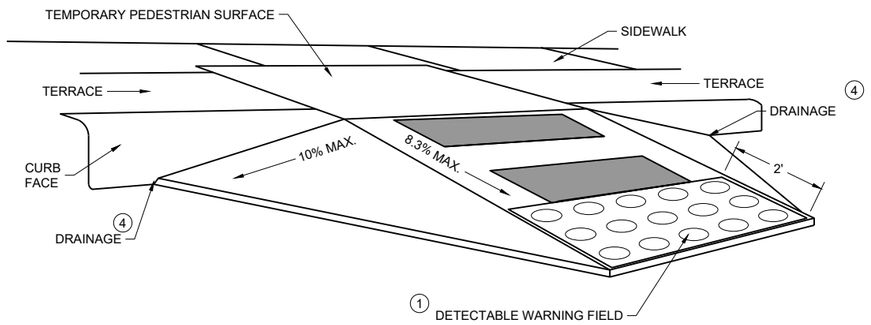
TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

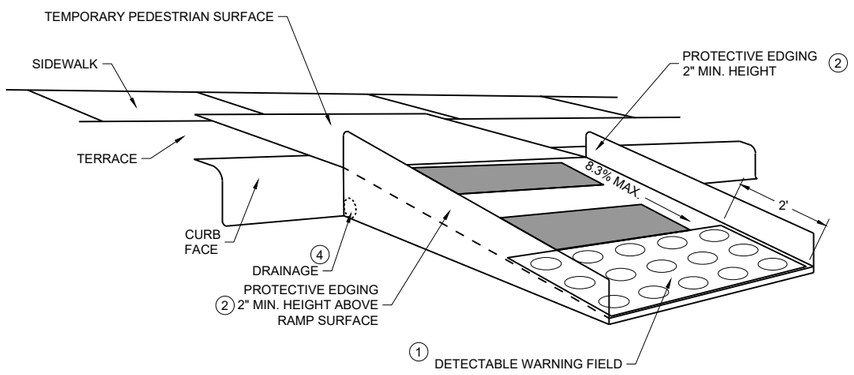
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 15D30-12b



WITH SIDE APRON (5)



WITH PROTECTIVE EDGE

TEMPORARY CURB RAMP PERPENDICULAR TO CURB

GENERAL NOTES

CURB RAMPS SHALL BE 48" MINIMUM WIDTH WITH A FIRM, STABLE AND SLIP RESISTANT SURFACE.

ALTERNATE SIDEWALK WORK BETWEEN LEFT AND RIGHT SIDE OF ROADWAY TO MAINTAIN PEDESTRIAN ACCESS.

CURB RAMPS AND LANDINGS SHALL HAVE A 1:48 (2.1%) MAX. CROSS-SLOPE.

CLEAR SPACE OF 48" X 48" SHALL BE PROVIDED ABOVE AND BELOW THE CURB RAMP.

LATERAL JOINTS OR GAPS BETWEEN SURFACES SHALL BE LESS THAN ½" WIDTH.

CHANGES BETWEEN SURFACE HEIGHTS SHALL NOT EXCEED ½". LATERAL EDGES MAY BE VERTICAL UP TO ¼" HIGH AND SHALL BE BEVELED AT 1:2 BETWEEN ¼" AND ½".

(1) INSTALL CONTRASTING TEMPORARY DETECTABLE WARNING FIELD AT PEDESTRIAN STREET CROSSINGS, AS SHOWN IN THE PLANS

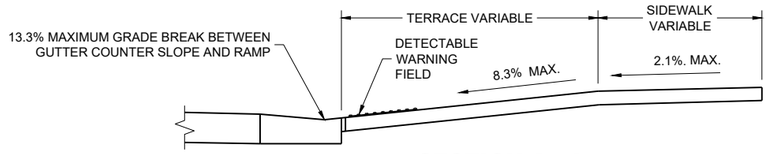
(2) PROTECTIVE EDGING WITH A 2" MIN. HEIGHT SHALL BE INSTALLED WHEN A CURB RAMP OR LANDING PLATFORM HAS A VERTICAL DROP OF 6" OR GREATER OR HAS A SIDE APRON SLOPE STEEPER THAN 1:3 (33%). PROTECTIVE EDGING SHOULD BE CONSIDERED WHEN CURB RAMPS OR LANDING PLATFORMS HAVE A VERTICAL DROP OF 3" OR MORE.

(3) DETECTABLE EDGING WITH 6" MIN. HEIGHT AND CONTRASTING COLOR SHALL BE INSTALLED ON ALL CURB RAMP LANDINGS WHERE THE WALKWAY CHANGES DIRECTION (TURNS).

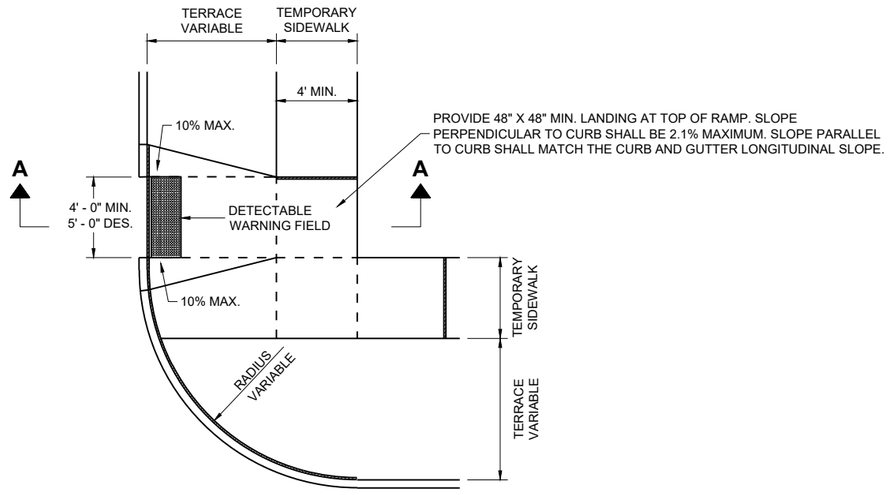
(4) DO NOT RESTRICT WATER FLOW IN THE GUTTER SYSTEM.

(5) CAN ONLY BE USED FOR RAMPS WITH 6" OR LESS OF VERTICAL CHANGE.

GENERAL NOTES



SECTION A - A



PLAN VIEW
TEMPORARY TYPE 3 RAMP
(OUTSIDE OF CROSSWALK AREA)

6

SDD 15D30-12d

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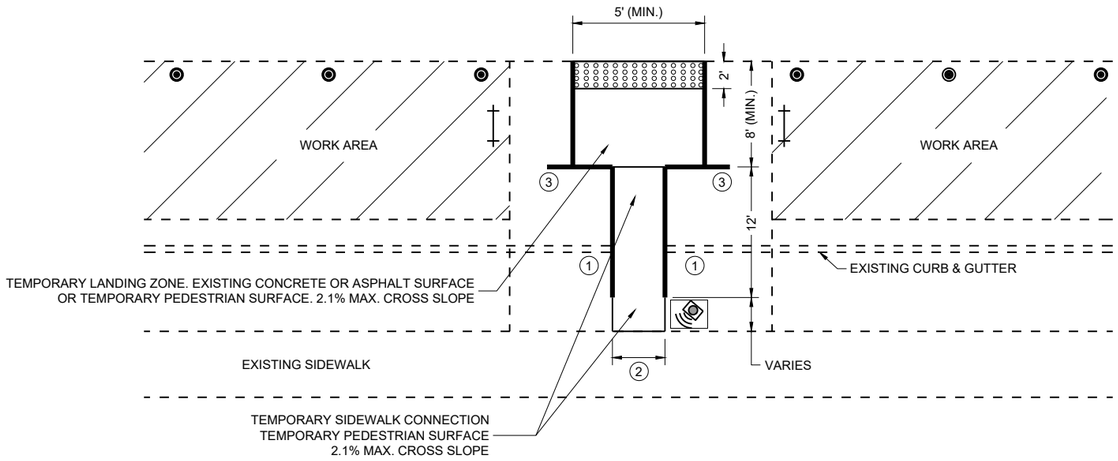
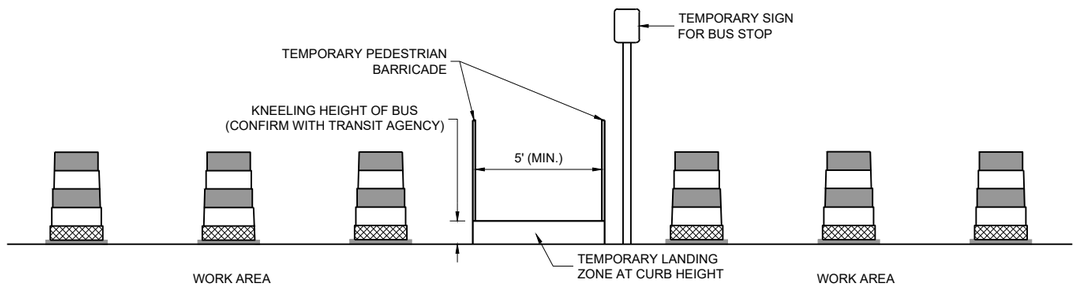
SDD 15D30-12d

TRAFFIC CONTROL,
PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



PLAN VIEW



PROFILE VIEW TEMPORARY BUS STOP PAD

GENERAL NOTES

TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG.

NOTIFY THE BUS COMPANY 7 DAYS IN ADVANCE OF THE BUS STOP RELOCATION.

PROTECTIVE EDGING WITH A 2" MIN. HEIGHT SHALL BE INSTALLED WHEN A CURB RAMP OR LANDING PLATFORM HAS A VERTICAL DROP OF 6" OR GREATER OR HAS A SIDE APRON SLOPE STEEPER THAN 1:3 (33%). PROTECTIVE EDGING SHOULD BE CONSIDERED WHEN CURB RAMPS OR LANDING PLATFORMS HAVE A VERTICAL DROP OF 3" OR MORE.

DETECTABLE EDGING WITH 6" MIN. HEIGHT AND CONTRASTING COLOR SHALL BE INSTALLED ON ALL CURB RAMP LANDINGS WHERE THE WALKWAY CHANGES DIRECTION (TURNS).

LATERAL JOINTS OR GAPS BETWEEN SURFACES SHALL BE LESS THAN ½" WIDTH.

CHANGES BETWEEN SURFACE HEIGHTS SHALL NOT EXCEED ½". LATERAL EDGES MAY BE VERTICAL UP TO ¼" HIGH AND SHALL BE BEVELED AT 1:2 BETWEEN ¼" AND ½".

CURB RAMPS AND LANDINGS SHALL HAVE A 1:48 (2.1%) MAX. CROSS-SLOPE.

(1) DO NOT RESTRICT WATER FLOW IN THE GUTTER SYSTEM.

(2) 5' WIDE MIN. WITH TEMPORARY PEDESTRIAN BARRICADE, 10' WIDE MIN. WITHOUT TEMPORARY PEDESTRIAN BARRICADE.

(3) PLACE EXCESS PORTION OF TEMPORARY PEDESTRIAN BARRICADE INTO THIS SPACE.

LEGEND

- TRAFFIC CONTROL DRUM
- TYPE III BARRICADE
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY DETECTABLE WARNING FIELD
- WORK AREA
- TEMPORARY AUDIBLE MESSAGE DEVICE (EXACT PLACEMENT BASED UPON FIELD CONDITIONS)

6

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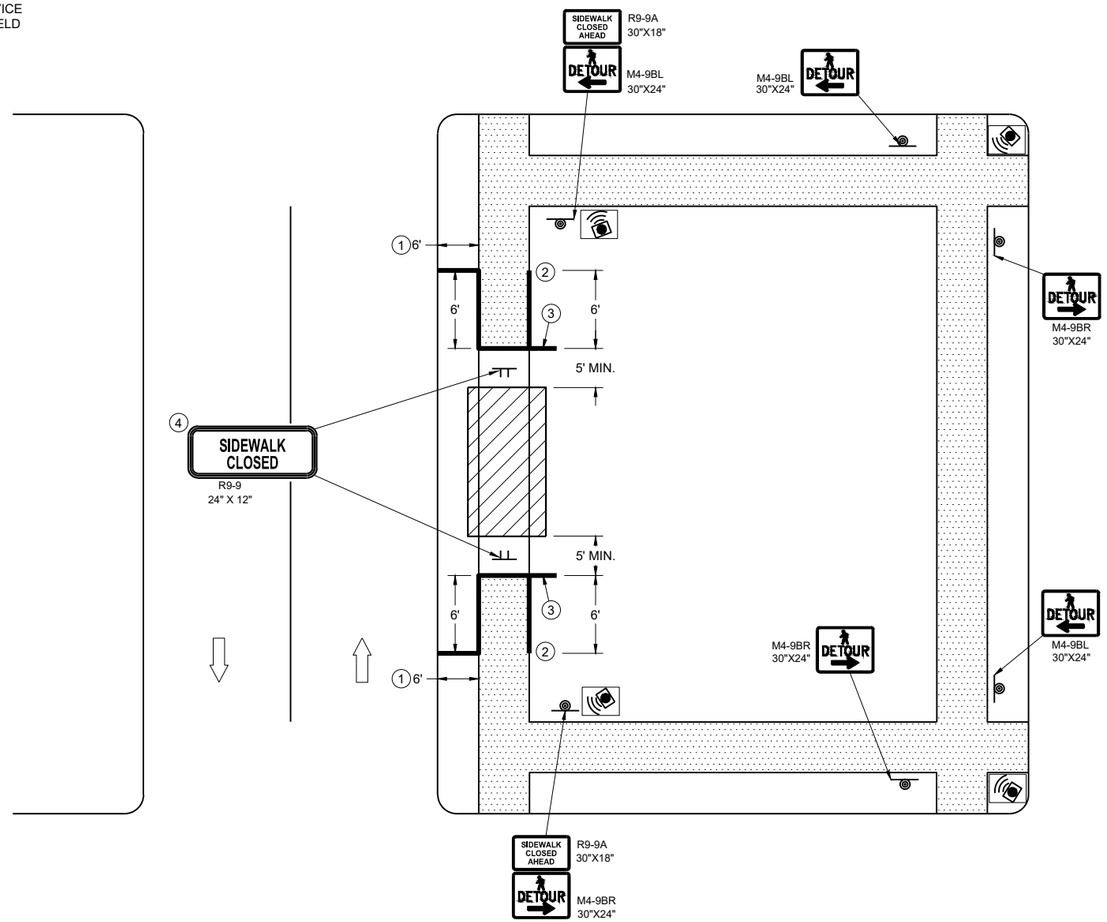
TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

LEGEND

- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- UNDER PEDESTRIAN TRAFFIC
- WORK AREA
- TEMPORARY PEDESTRIAN BARRICADE
- DIRECTION OF TRAFFIC
- TEMPORARY AUDIBLE MESSAGE DEVICE (EXACT PLACEMENT BASED UPON FIELD CONDITIONS)



SIDEWALK DETOUR, SIDEWALK ONLY ON ONE SIDE

GENERAL NOTES

WHERE TEMPORARY BARRICADE RUNS PARALLEL ALONG SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

SIGNS THAT REMAIN IN PLACE LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

PLACE TEMPORARY PEDESTRIAN BARRICADE TO FIT FIELD CONDITIONS, AVOIDING CONFLICTS WITH DRIVEWAYS AND OTHER EXISTING FEATURES.

1. IF TERRACE IS LESS THAN 6 FEET WIDE, OMIT TEMPORARY PEDESTRIAN BARRICADE FROM THE SIDEWALK TO THE CURB.
2. PLACE BARRICADE CLOSURE SO THAT THE TEMPORARY PEDESTRIAN BARRICADE END IS AT THE LAST OPEN SIDEWALK ACCESS TO RESIDENCES OR BUSINESSES BEFORE THE SIDEWALK CLOSURE.
3. IF TEMPORARY PEDESTRIAN BARRICADE PANEL IS WIDER THAN THE SIDEWALK WIDTH, THE PORTION OF EXCESS PANEL SHOULD EXTEND INTO THE TERRACE.
4. MOUNTING HEIGHT OF 5 FEET FROM THE SURFACE TO THE BOTTOM OF SIGN.

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 15D30-12f

LEGEND

- SIGN ON TEMPORARY SUPPORT
- WORK AREA
- UNDER PEDESTRIAN TRAFFIC
- TEMPORARY PEDESTRIAN SURFACE
- TEMPORARY PEDESTRIAN BARRICADE
- OPTIONAL TEMPORARY PEDESTRIAN BARRICADE
- DIRECTION OF TRAFFIC

GENERAL NOTES

TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG.

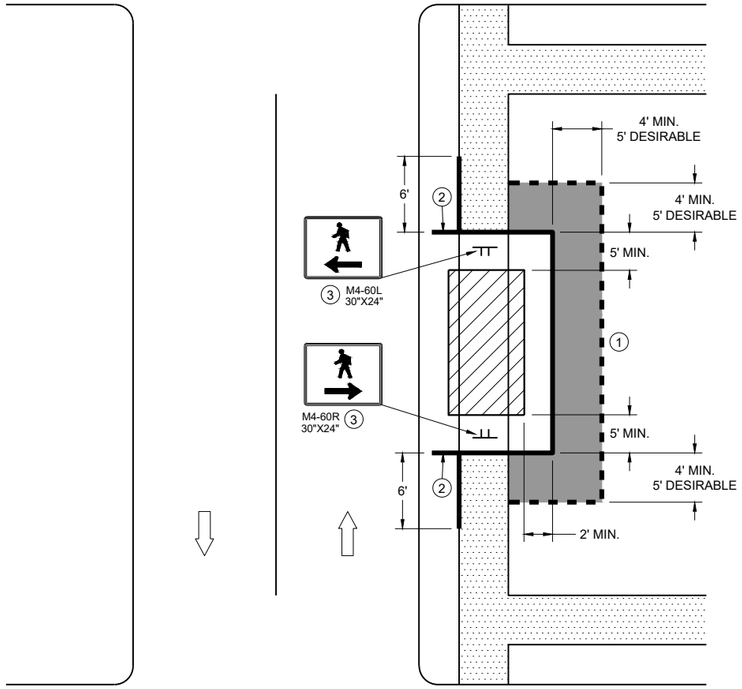
WHERE TEMPORARY BARRICADE RUNS PARALLEL ALONG SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

SIGNS THAT REMAIN IN PLACE LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

(1) USE TEMPORARY PEDESTRIAN BARRICADE TO SEPARATE PEDESTRIANS FROM DROP OFFS OR FOR ADDITIONAL PEDESTRIAN CHANNELIZATION.

(2) IF TEMPORARY PEDESTRIAN BARRICADE PANEL IS WIDER THAN THE SIDEWALK WIDTH, THE PORTION OF EXCESS PANEL SHOULD EXTEND INTO THE TERRACE.

(3) MOUNTING HEIGHT OF 5 FEET FROM THE SURFACE TO THE BOTTOM OF SIGN.



SIDEWALK BYPASS
SINGLE SIDE

6

SDD 15D30-12g

TRAFFIC CONTROL,
PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 15D30-12g

LEGEND

- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- UNDER PEDESTRIAN TRAFFIC
- TEMPORARY CURB RAMP
- TEMPORARY PEDESTRIAN SURFACE "A"
- TEMPORARY PEDESTRIAN SURFACE "B"
- TEMPORARY PEDESTRIAN BARRICADE
- DIRECTION OF TRAFFIC

GENERAL NOTES

TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG.

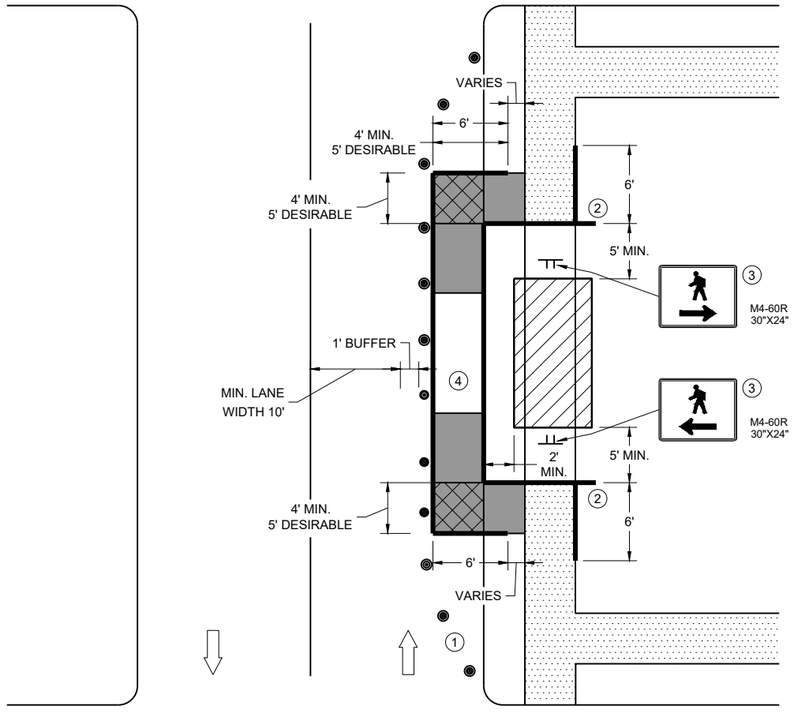
WHERE TEMPORARY BARRICADE RUNS PARALLEL ALONG SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

(1) SHOULDER OR LANE CLOSURE ADVANCE WARNING AND BUFFER SPACE REQUIRED.

(2) PLACE EXCESS PORTION OF TEMPORARY PEDESTRIAN BARRICADE PANEL PAST THE SIDEWALK ON THE SIDE AWAY FROM THE ROAD.

(3) MOUNTING HEIGHT OF 5 FEET FROM THE SURFACE TO THE BOTTOM OF SIGN.

(4) USE EXISTING PAVEMENT SURFACE. IF EXISTING PAVEMENT SURFACE HAS BEEN REMOVED, USE A TEMPORARY PEDESTRIAN SURFACE. WHEN THE TEMPORARY PEDESTRIAN ACCESS ROUTE RUNS PARALLEL ON THE ROADWAY SURFACE, THE MAXIMUM CROSS SLOPE WILL MATCH THE EXISTING ROADWAY CROSS SLOPE.



SIDEWALK BYPASS, SINGLE SIDE

6

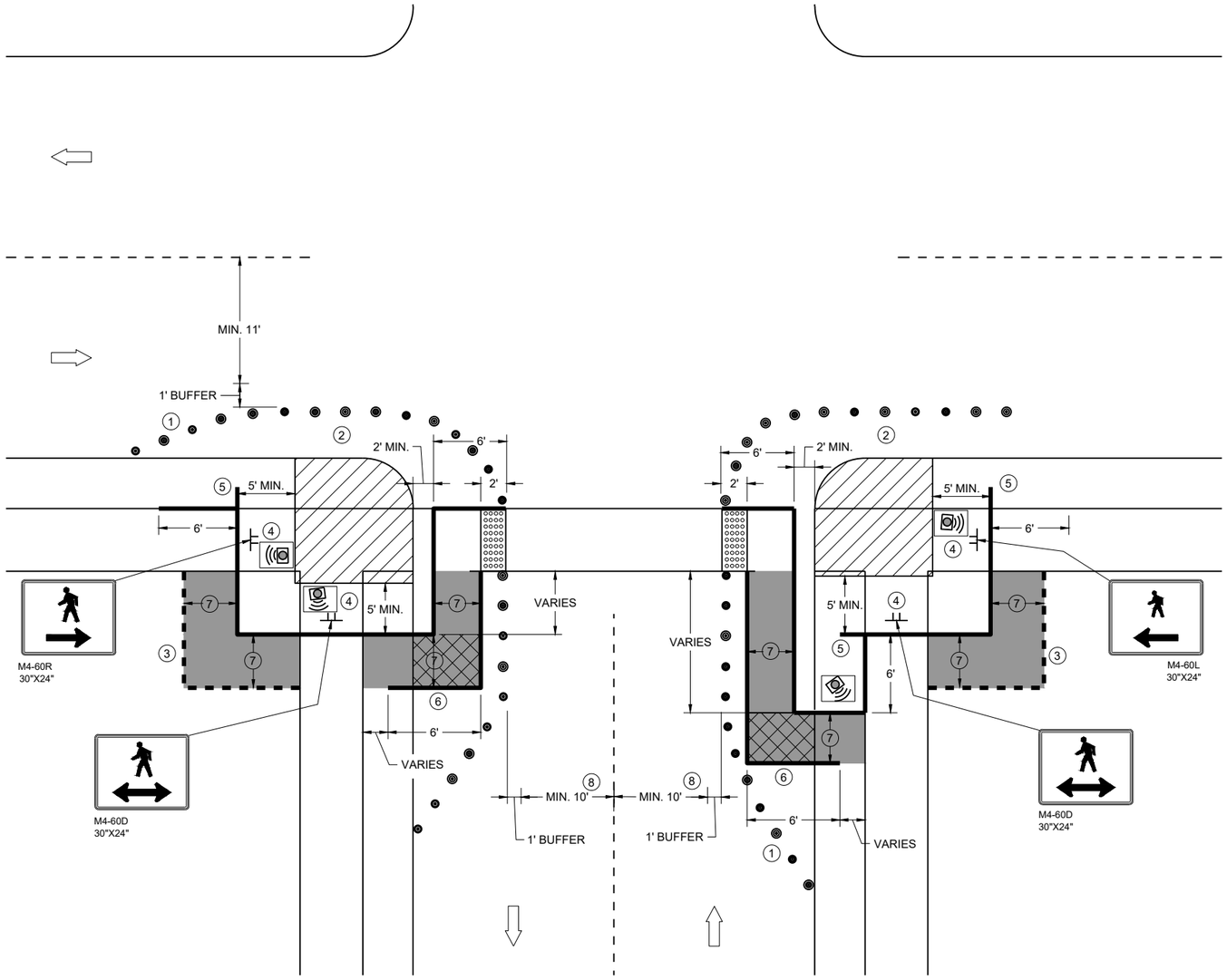
SDD 15D30-12h

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 15D30-12h



CURB RAMP PEDESTRIAN TRAFFIC CONTROL
SIDEWALK ON SINGLE SIDE

GENERAL NOTES

IF PEDESTRIAN PUSH BUTTONS ARE PRESENT ON THE EXISTING FACILITY, ENSURE THEY ARE MAINTAINED/ACCESSIBLE FOR PEDESTRIAN USE THROUGHOUT THE TEMPORARY PEDESTRIAN ACCOMMODATIONS.

TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG

WHEN TEMPORARY PEDESTRIAN BARRICADE RUNS PARALLEL ALONG THE SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

WHEN THE TEMPORARY PEDESTRIAN ACCESS ROUTE RUNS PARALLEL ON THE ROADWAY SURFACE, THE MAXIMUM CROSS SLOPE WILL MATCH THE EXISTING ROADWAY CROSS SLOPE.

1. SHOULDER OR LANE CLOSURE ADVANCE WARNING AND PROPER BUFFER SPACE REQUIRED.
2. PROVIDE ADEQUATE SPACE FOR CONTRACTOR OPERATIONS
3. USE TEMPORARY PEDESTRIAN BARRICADE TO SEPARATE PEDESTRIANS FROM DROP OFFS OR FOR ADDITIONAL PEDESTRIAN CHANNELIZATION.
4. MOUNTING HEIGHT OF 5 FEET FROM SIDEWALK SURFACE TO BOTTOM OF SIGN.
5. PLACE EXCESS PORTION OF TEMPORARY PEDESTRIAN BARRICADE PANEL IN THE SIDEWALK TERRACE.
6. IF TEMPORARY PEDESTRIAN BARRICADE DOES NOT REACH THE FACE OF THE CURB, USE AN ADDITIONAL PANEL AND EXTEND INTO THE TERRACE.
7. 4 FEET MINIMUM, 5 FEET DESIRABLE
8. IF MINIMUM LANE WIDTHS CAN'T BE ATTAINED, CURB RAMPS MAY NEED TO BE CONSTRUCTED AT SEPARATE TIMES.

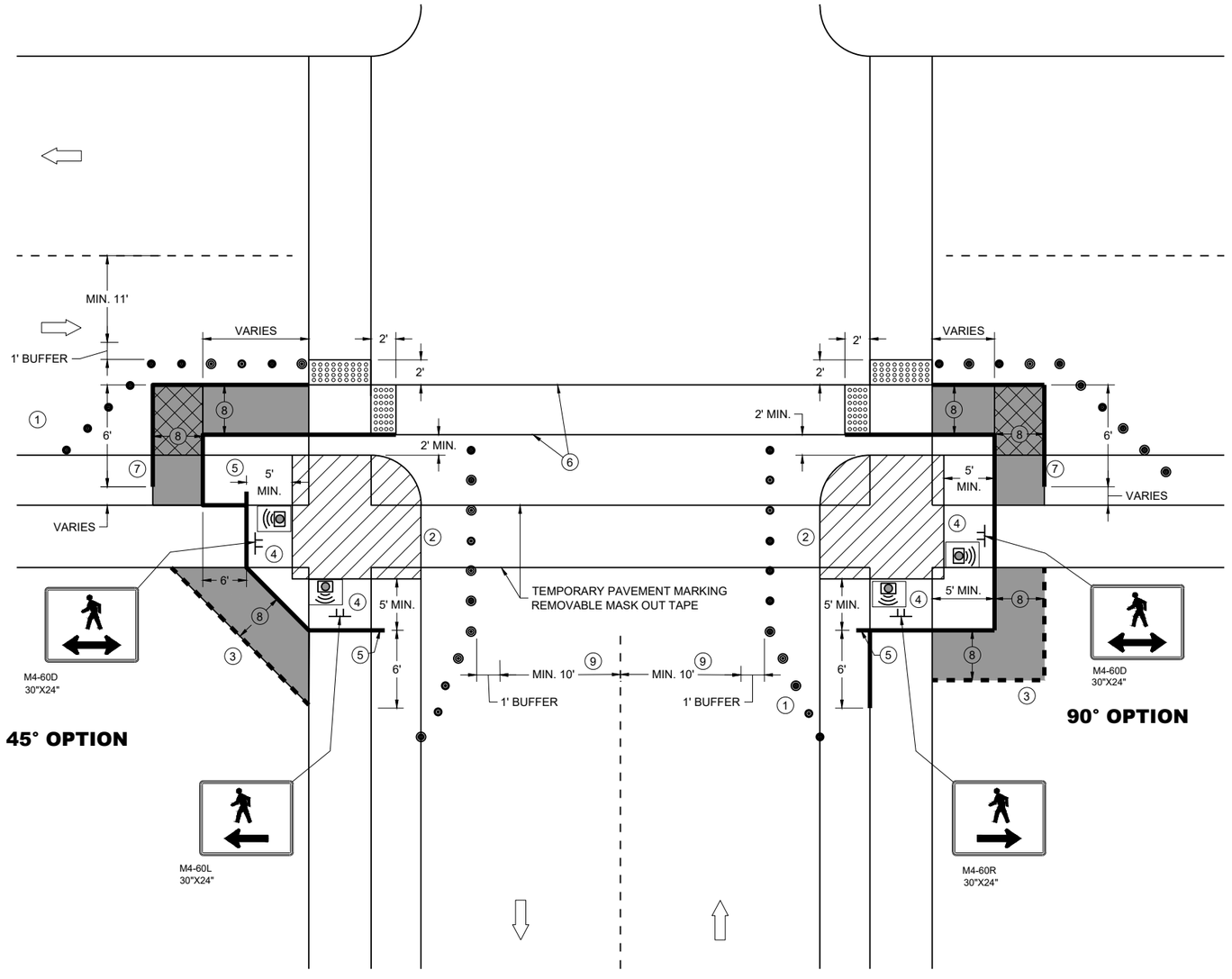
LEGEND

- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- TEMPORARY CURB RAMP
- TEMPORARY PEDESTRIAN SURFACE "A"
- TEMPORARY PEDESTRIAN SURFACE "B"
- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN BARRICADE
- OPTIONAL TEMPORARY PEDESTRIAN BARRICADE
- DIRECTION OF TRAFFIC
- TEMPORARY AUDIBLE MESSAGE DEVICE (EXACT PLACEMENT BASED UPON FIELD CONDITIONS)

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6
SDD 15D30-12i



CURB RAMP PEDESTRIAN TRAFFIC CONTROL

GENERAL NOTES

IF PEDESTRIAN PUSH BUTTONS ARE PRESENT ON THE EXISTING FACILITY, ENSURE THEY ARE MAINTAINED/ACCESSIBLE FOR PEDESTRIAN USE THROUGHOUT THE TEMPORARY PEDESTRIAN ACCOMMODATIONS.

TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG

WHEN TEMPORARY PEDESTRIAN BARRICADE RUNS PARALLEL ALONG THE SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

WHEN THE TEMPORARY PEDESTRIAN ACCESS ROUTE RUNS PARALLEL ON THE ROADWAY SURFACE, THE MAXIMUM CROSS SLOPE WILL MATCH THE EXISTING ROADWAY CROSS SLOPE.

(1) SHOULDER OR LANE CLOSURE ADVANCE WARNING AND PROPER BUFFER SPACE REQUIRED.

(2) PROVIDE ADEQUATE SPACE FOR CONTRACTOR OPERATIONS

(3) USE TEMPORARY PEDESTRIAN BARRICADE TO SEPARATE PEDESTRIANS FROM DROP OFFS OR FOR ADDITIONAL PEDESTRIAN CHANNELIZATION.

(4) MOUNTING HEIGHT OF 5 FEET FROM SIDEWALK SURFACE TO BOTTOM OF SIGN.

(5) PLACE EXCESS PORTION OF TEMPORARY PEDESTRIAN BARRICADE PANEL IN THE SIDEWALK TERRACE.

(6) WHITE 6" TEMPORARY PAVEMENT MARKING

(7) IF TEMPORARY PEDESTRIAN BARRICADE DOES NOT REACH THE FACE OF THE CURB, USE AN ADDITIONAL PANEL AND EXTEND INTO THE TERRACE.

(8) 4 FEET MINIMUM, 5 FEET DESIRABLE

(9) IF MINIMUM LANE WIDTHS CAN'T BE ATTAINED, CURB RAMPS MAY NEED TO BE CONSTRUCTED AT SEPARATE TIMES.

LEGEND

- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- TEMPORARY CURB RAMP
- TEMPORARY PEDESTRIAN SURFACE "A"
- TEMPORARY PEDESTRIAN SURFACE "B"
- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN BARRICADE
- OPTIONAL TEMPORARY PEDESTRIAN BARRICADE
- DIRECTION OF TRAFFIC
- TEMPORARY AUDIBLE MESSAGE DEVICE (EXACT PLACEMENT BASED UPON FIELD CONDITIONS)

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 15D30-12j

LEGEND

SIGN ON PERMANENT SUPPORT

SIGN ON TEMPORARY SUPPORT

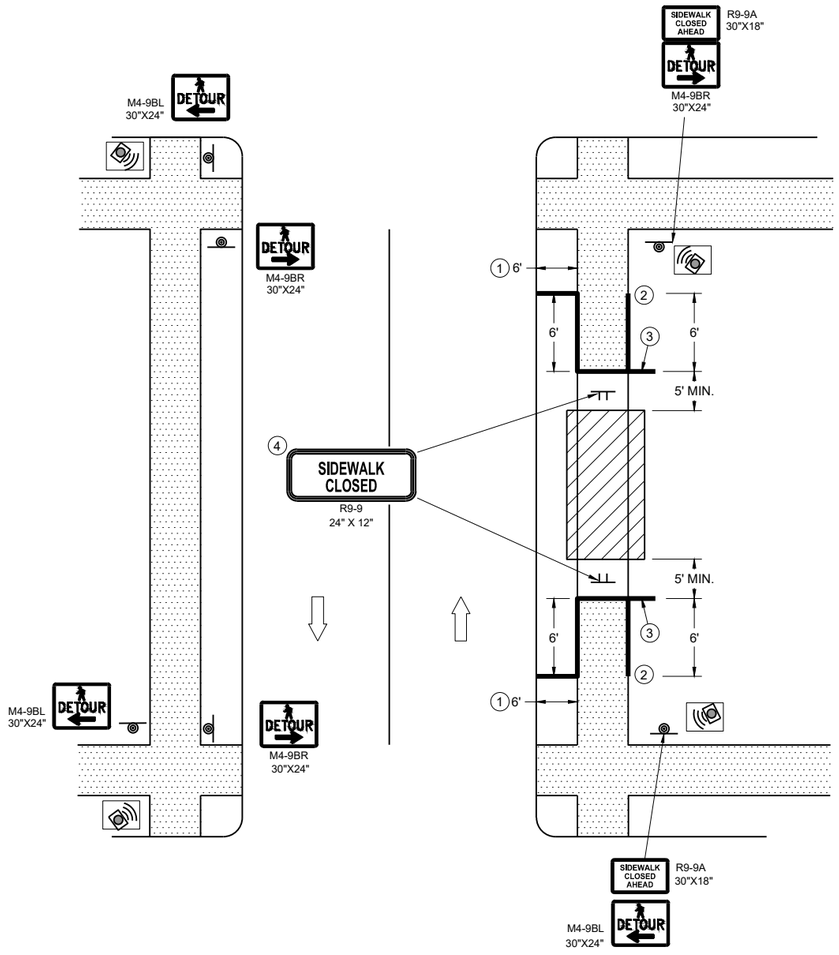
UNDER PEDESTRIAN TRAFFIC

WORK AREA

TEMPORARY PEDESTRIAN BARRICADE

DIRECTION OF TRAFFIC

TEMPORARY AUDIBLE MESSAGE DEVICE (EXACT PLACEMENT BASED UPON FIELD CONDITIONS)



SIDEWALK DETOUR, SIDEWALK ON BOTH SIDES

GENERAL NOTES

WHERE TEMPORARY BARRICADE RUNS PARALLEL ALONG SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

SIGNS THAT REMAIN IN PLACE LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

PLACE TEMPORARY PEDESTRIAN BARRICADE TO FIT FIELD CONDITIONS, AVOIDING CONFLICT WITH DRIVEWAYS AND OTHER EXISTING FEATURES.

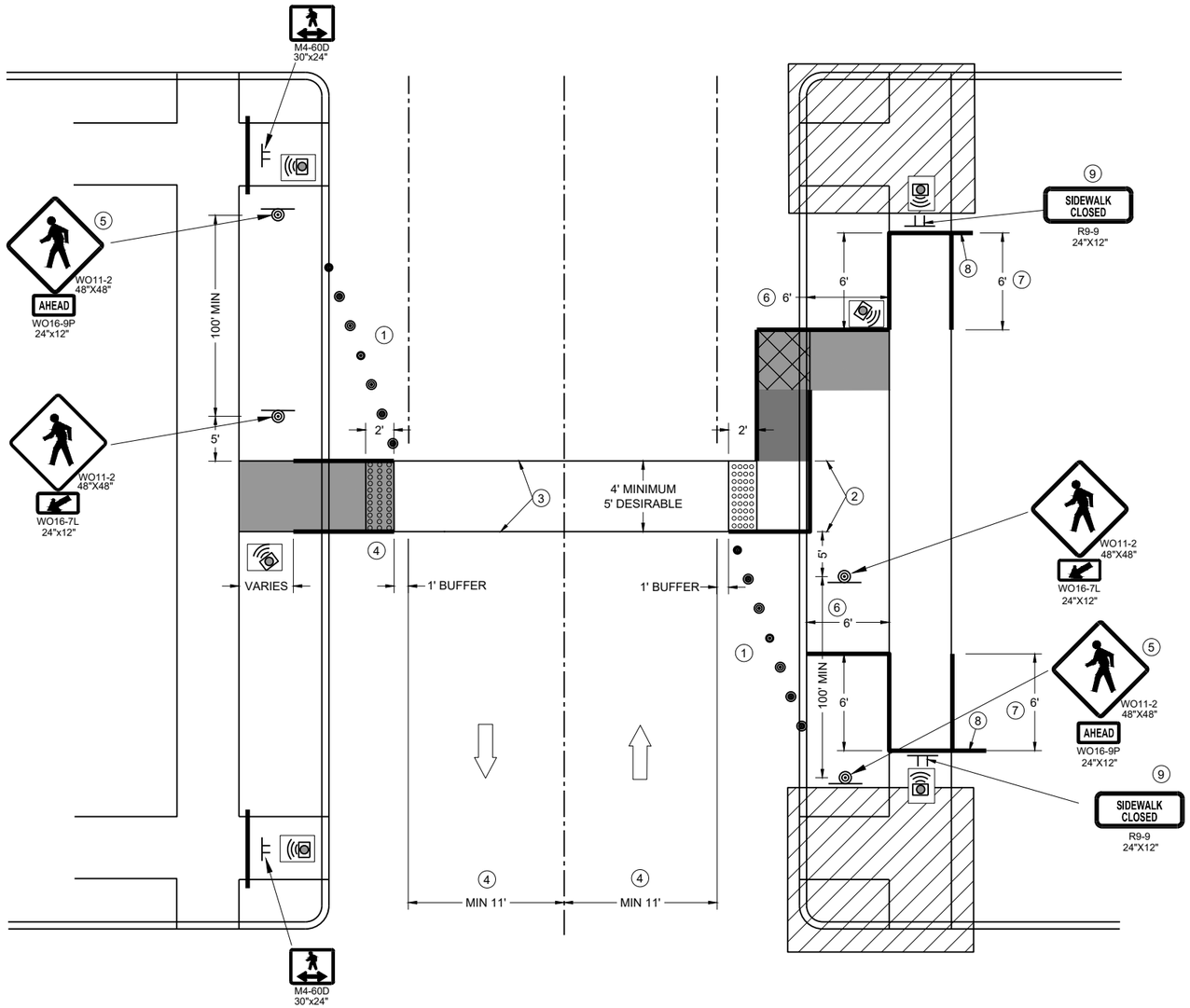
1. IF TERRACE IS LESS THAN 6 FEET WIDE, OMIT TEMPORARY PEDESTRIAN BARRICADE FROM THE SIDEWALK TO THE CURB.
2. PLACE BARRICADE CLOSURE SO THAT THE TEMPORARY PEDESTRIAN BARRICADE END IS AT THE LAST OPEN SIDEWALK ACCESS TO RESIDENCES OR BUSINESSES BEFORE THE SIDEWALK CLOSURE.
3. IF TEMPORARY PEDESTRIAN BARRICADE PANEL IS WIDER THAN THE SIDEWALK WIDTH, THE PORTION OF EXCESS PANEL SHOULD EXTEND INTO THE TERRACE.
4. MOUNTING HEIGHT OF 5 FEET FROM THE SURFACE TO THE BOTTOM OF SIGN.

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 15D30-12k



TEMPORARY PEDESTRIAN CROSSING

GENERAL NOTES

TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG.

SEE OTHER PEDESTRIAN ACCOMMODATION DETAILS FOR SIGNING AND DEVICES FOR DIFFERENT PEDESTRIAN FACILITIES CLOSURES.

WHEN THE TEMPORARY PEDESTRIAN ACCESS ROUTE RUNS PARALLEL ON THE ROADWAY SURFACE, THE MAXIMUM CROSS SLOPE WILL MATCH THE EXISTING ROADWAY CROSS SLOPE.

1. SHOULDER OR LANE CLOSURE ADVANCED WARNING AND PROPER BUFFER SPACE REQUIRED.
2. 4 FEET MINIMUM, 5 FEET DESIRABLE.
3. WHITE 6" TEMPORARY PAVEMENT MARKING.
4. IF MINIMUM LANE WIDTHS CAN'T BE ATTAINED, PERPENDICULAR CURB RAMPS MAY NEED TO BE UTILIZED.
5. IF MINIMUM 100' SPACING FROM THE MID-BLOCK CROSSING CANNOT BE ATTAINED BEFORE THE INTERSECTION, REMOVE THIS SIGN ASSEMBLY.
6. IF TERRACE IS LESS THAN 6 FEET WIDE, OMIT TEMPORARY PEDESTRIAN BARRICADE FROM THE SIDEWALK TO THE CURB.
7. PLACE BARRICADE CLOSURE SO THAT THE TEMPORARY PEDESTRIAN BARRICADE END IS AT THE LAST OPEN SIDEWALK ACCESS TO RESIDENCES OR BUSINESSES BEFORE THE SIDEWALK CLOSURE.
8. IF TEMPORARY PEDESTRIAN BARRICADE PANEL IS WIDER THAN THE SIDEWALK WIDTH, THE PORTION OF THE EXCESS PANEL SHOULD EXTEND INTO THE TERRACE.
9. MOUNTING HEIGHT OF 5 FEET FROM THE SURFACE TO THE BOTTOM OF THE SIGN.

LEGEND

- TRAFFIC CONTROL DRUM
- SIGN ON TEMPORARY SUPPORT
- TEMPORARY CURB RAMP
- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN SURFACE "A"
- TEMPORARY PEDESTRIAN SURFACE "B"
- WORK AREA
- TEMPORARY PEDESTRIAN BARRICADE
- DIRECTION OF TRAFFIC
- TEMPORARY AUDIBLE MESSAGE DEVICE (EXACT PLACEMENT BASED UPON FIELD CONDITIONS)

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2025 — DATE
/S/ Andrew Heidtke — WORK ZONE ENGINEER

FHWA

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SDD 15D30-12I

LEGEND

TYPE III BARRICADE WITH ATTACHED SIGN

SIGN ON PERMANENT SUPPORT

TRAFFIC CONTROL DRUM

DIRECTION OF TRAFFIC

CONCRETE BARRIER TEMPORARY PRECAST

TYPE "A" WARNING LIGHT (FLASHING)

WORK AREA

OR

LOCATED
3000 FEET BEYOND THE
"ROAD WORK 1 MILE"
(W20-1F) SIGN

R2-1
48"X60"

OR

R2-1
48"X60"

(BLACK AND WHITE)
LOCATED
700 FEET BEYOND THE
W03-5 SIGN

IF THE REGULATORY SPEED HAS BEEN REDUCED, A SPEED LIMIT SIGN SHALL BE LOCATED 1500 FEET BEYOND THE END OF THE ACCELERATION LANE OF EACH ENTRANCE RAMP. PLACE A SPEED LIMIT SIGN INCORPORATED A MINIMUM OF EVERY 3 MILES.

GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET, (500 FEET DESIRABLE) DISTANCE TO EXISTING SIGNS.

THIS LANE CLOSURE IS TYPICAL FOR LANE SHIFT RIGHT - REVERSE FOR SHIFTING LEFT.

ALL SIGNS ARE 48"x48" UNLESS OTHERWISE NOTED.

"WO" IS THE SAME AS "W" EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

FOR A LANE CLOSURE THAT IS IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS, THE ADVANCED WARNING SIGNS MAY BE MOUNTED ON PORTABLE SUPPORTS.

REMOVE PAVEMENT MARKINGS AND PLACE TEMPORARY PAVEMENT MARKING LINES IF LANE CLOSURE IS TO BE IN PLACE FOR 4 OR MORE CONTINUOUS DAYS AND NIGHTS.

IF THE HORIZONTAL ALIGNMENT IS SUCH THAT A CURVE MAY REQUIRE ADDITIONAL DELINEATION, THE DEVICE SPACING MAY BE DECREASED TO 50 FEET.

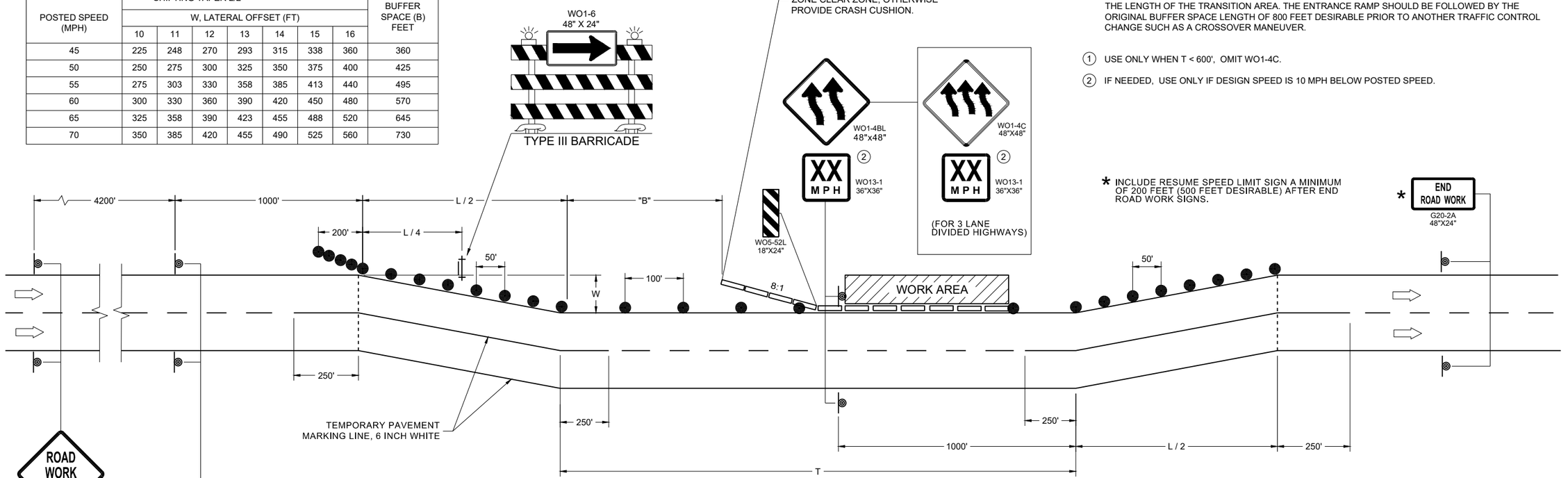
ADJUSTMENTS IN BUFFER SPACE NEED TO BE INCORPORATED WHEN THE LANE SHIFT OCCURS NEAR AN INTERCHANGE EXIT OR ENTRANCE RAMP. THE LANE SHIFT MUST TAKE PLACE FAR ENOUGH IN ADVANCE OF AN EXIT OR ENTRANCE RAMP TO STILL ALLOW FOR ADEQUATE BUFFER SPACE. THE MINIMUM LENGTH OF THE BUFFER SPACE BEFORE AN EXIT RAMP SHOULD BE 1/2 THE LENGTH OF THE TRANSITION AREA. THE ENTRANCE RAMP SHOULD BE FOLLOWED BY THE ORIGINAL BUFFER SPACE LENGTH OF 800 FEET DESIRABLE PRIOR TO ANOTHER TRAFFIC CONTROL CHANGE SUCH AS A CROSSOVER MANEUVER.

(1) USE ONLY WHEN T < 600', OMIT WO1-4C.

(2) IF NEEDED, USE ONLY IF DESIGN SPEED IS 10 MPH BELOW POSTED SPEED.

FULL SHIFT

POSTED SPEED (MPH)	SHIFTING TAPER L/2 W, LATERAL OFFSET (FT)							BUFFER SPACE (B) FEET
	10	11	12	13	14	15	16	
45	225	248	270	293	315	338	360	360
50	250	275	300	325	350	375	400	425
55	275	303	330	358	385	413	440	495
60	300	330	360	390	420	450	480	570
65	325	358	390	423	455	488	520	645
70	350	385	420	455	490	525	560	730



PARTIAL SHIFT

POSTED SPEED PRIOR TO WORK STARTING (MPH)	SHIFTING TAPER L/2 W, LATERAL OFFSET (FT)									BUFFER SPACE (B) FEET
	1	2	3	4	5	6	7	8	9	
45	23	45	68	90	113	135	158	180	203	360
50	25	50	75	100	125	150	175	200	225	425
55	28	55	83	110	138	165	193	220	248	495
60	30	60	90	120	150	180	210	240	270	570
65	33	65	98	130	163	195	228	260	293	645
70	35	70	105	140	175	210	245	280	315	730

TRAFFIC CONTROL MULTIPLE LANE SHIFT MULTILANE DIVIDED ROAD

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2025 — DATE
/S/ Andrew Heidtke — ROADWAY STANDARDS DEVELOPMENT ENGINEER

FHWA

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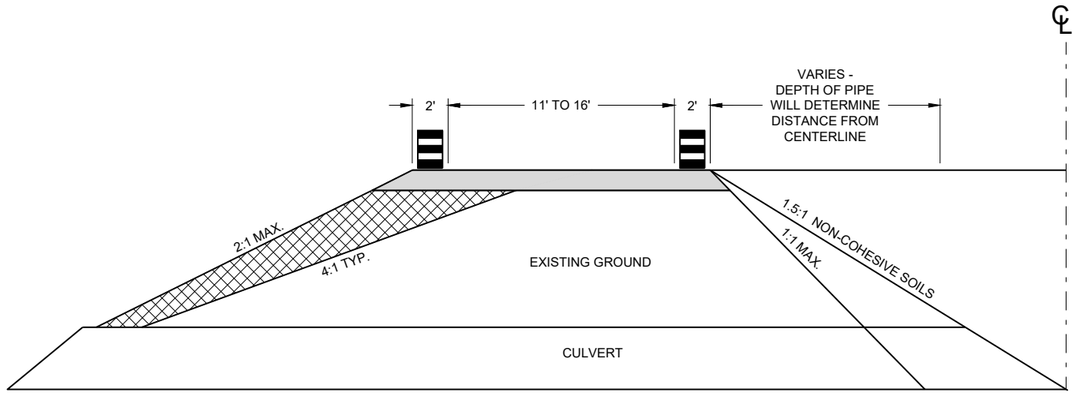
SDD 15D41-06a



CROSS SECTION

GENERAL NOTES

USE 1:1 FOR COHESIVE CLAYS AND SILTS, LOAMS, SANDY CLAYS AND ANGULAR GRAVEL SOILS.
USE 1.5:1 FOR NON-COHESIVE SOILS.

THE TAPER SHOULD EXTEND ACROSS THE SHOULDER UNLESS DOING SO WOULD GREATLY CONFLICT WITH THE WORK OPERATION.

ALL LANE CLOSURE SIGNS SHALL BE REMOVED OR COVERED AND ALL DEVICES REMOVED BEYOND THE SHOULDER WHEN WORK IS NOT IN PROGRESS AND THE LANE IS RESTORED TO A SAFE OPERATING CONDITION.

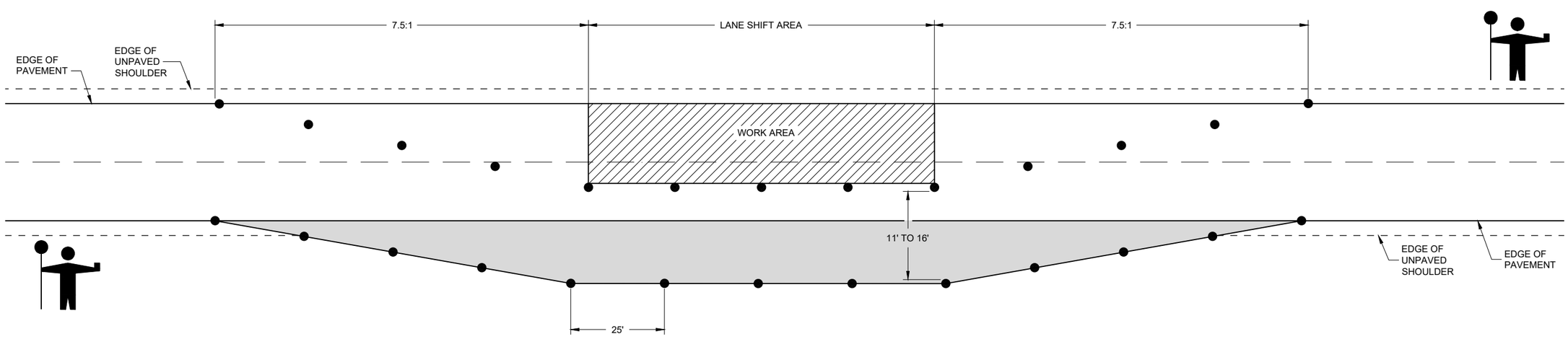
CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

USE WITH SDD 15C12 "TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATIONS"

USE WITH SDD 15D45 "SIGNING ON ROADWAYS WITH LOOSE GRAVEL"

LEGEND

- DRUM WITHOUT WARNING LIGHT
- 6" BASE AGGREGATE DENSE 1 ¼" -INCIDENTAL TO LANE SHIFT ITEM
- FILL - INCIDENTAL TO LANE SHIFT ITEM
- WORK AREA
- FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF



LANE SHIFT IN FLAGGING OPERATION

TRAFFIC CONTROL, TEMPORARY LANE SHIFT DURING CULVERT WORK

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2021
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA

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SDD 15D48 - 01

6

SDD 15D48 - 01

LEGEND

- TYPE III BARRICADE WITH ATTACHED SIGN
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TYPE "A" WARNING LIGHT (FLASHING)
- DIRECTION OF TRAFFIC
- WORK AREA

POSTED SPEED LIMIT PRIOR TO WORK STARTING (MPH)	ADVANCE WARNING SIGN SPACING (A) FEET	SHIFTING TAPER L/2 W, LATERAL OFFSET (FT)					
		3	4	5	6	7	8
25	200	10	14	17	21	24	28
30	200	15	20	25	30	35	40
35	350	20	27	34	40	47	54
40	350	26	35	44	53	62	70
45	500	45	59	74	89	104	119
50	500	50	66	83	99	116	132
55	500	54	73	91	109	127	145

GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

ALL SIGNS ARE 48"x48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36"x36" SIGNS MAY BE USED IF APPROVED BY THE REGIONAL TRAFFIC UNIT.

"WO" IS THE SAME AS "W" EXCEPT THE BACKGROUND IS ORANGE.

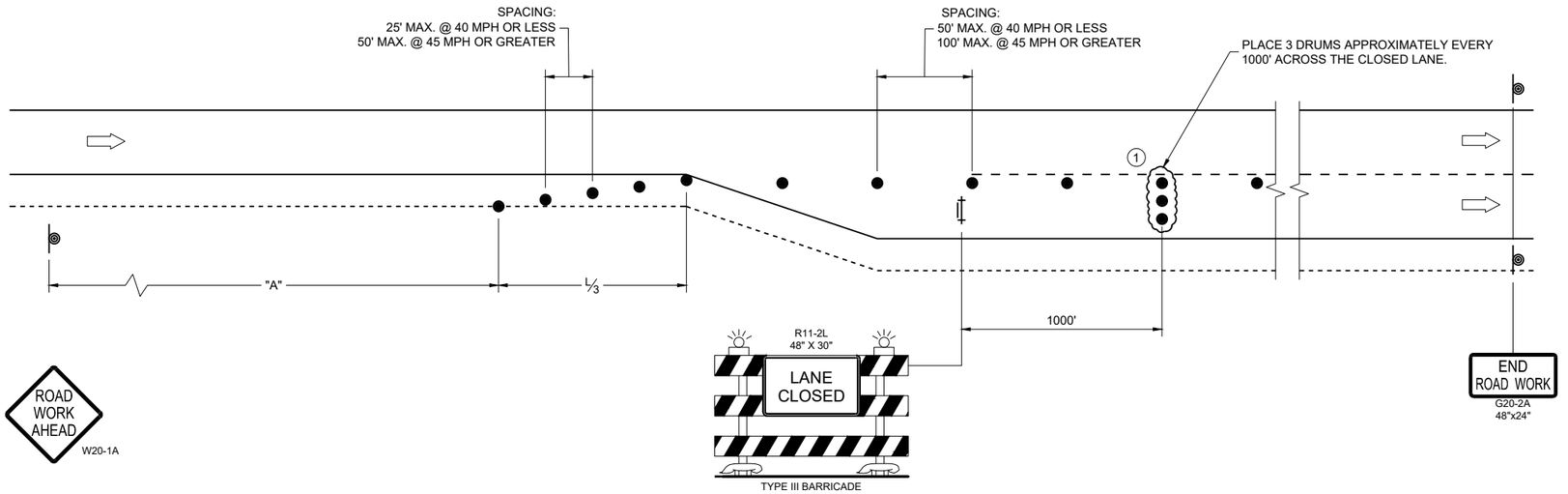
ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

W20-1 AND G20-2A SIGNS ARE NOT REQUIRED IF THE WORK AREA IS WITHIN A LARGER WORK ZONE WHERE THESE SIGNS ARE ALREADY PRESENT. G20-2A SIGNS MAY ALSO BE OMITTED IF DURATION WORK IS LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS.

(1) DRUMS IN A CLOSED LANE THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY REESTABLISHED UPON COMPLETION OF THE OPERATION, OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.



TRAFFIC CONTROL
ADDED LANE CLOSURE
WITHOUT LANE SHIFT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

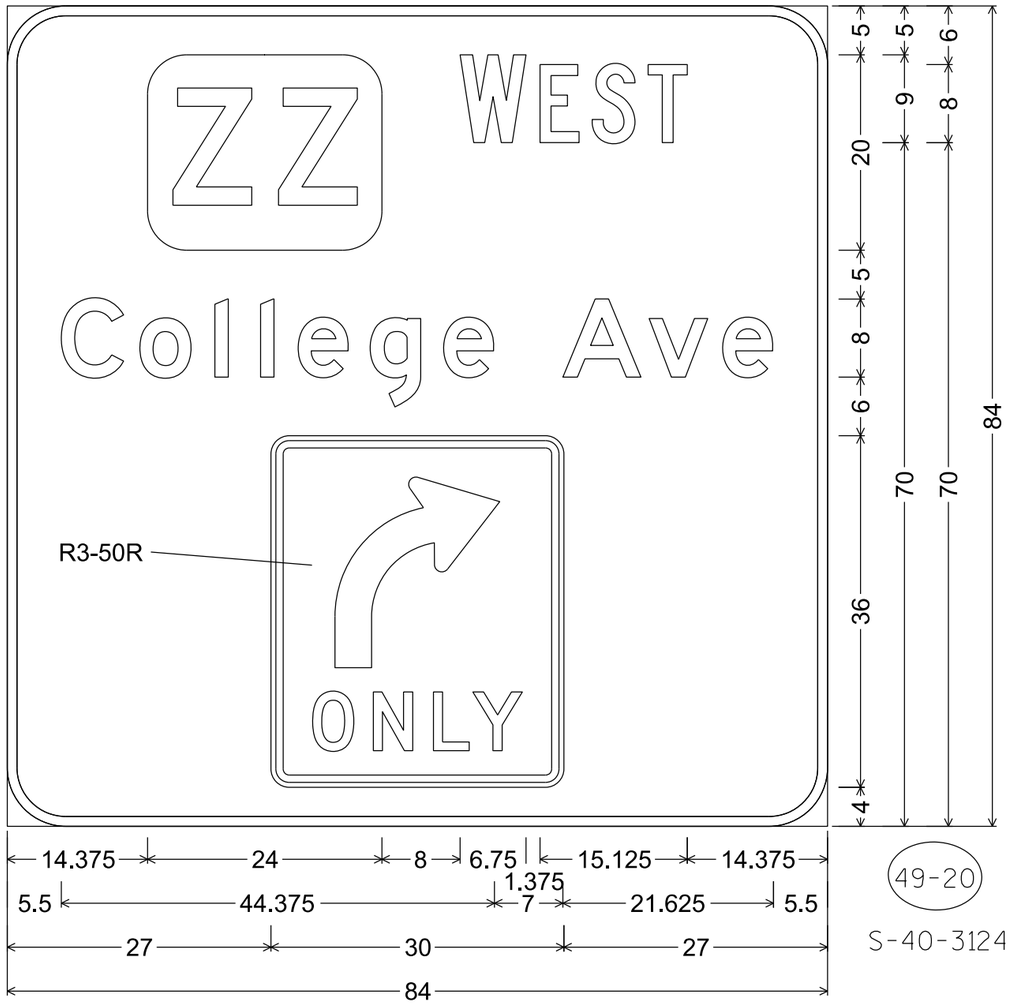
APPROVED
February 2025 — DATE
/S/ Andrew Heidtke — WORK ZONE ENGINEER

FHWA

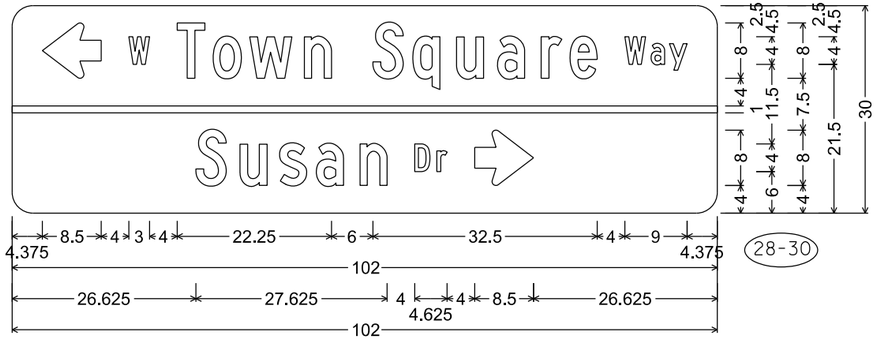
6
SDD 15D50-04a

NOTES

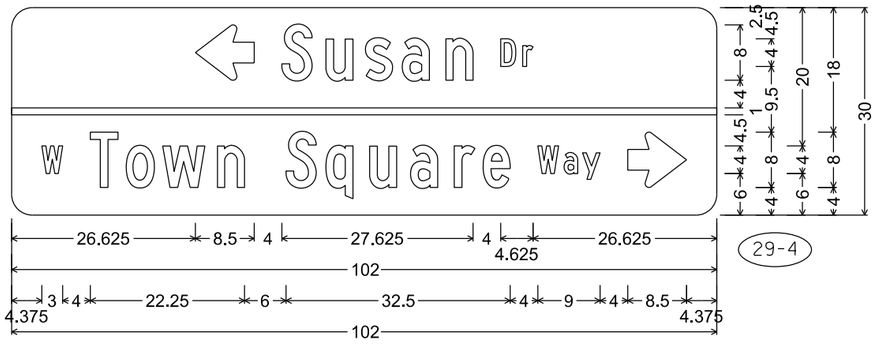
1. Sign is Type I - Type SH Reflective
2. Color:
   Background - Green
   Message - White
3. Message Series - E except as noted



D15-1; 6.000" Radius, 1.000" Border,
"WEST", C

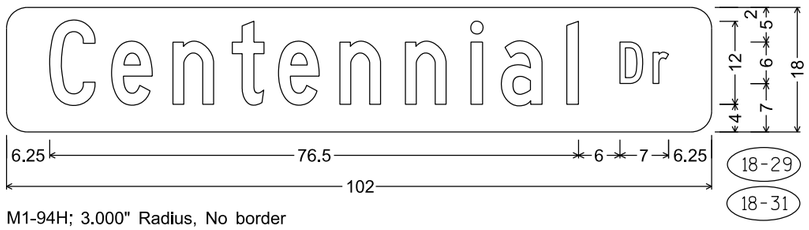


M1-94H; 3.000" Radius, No border

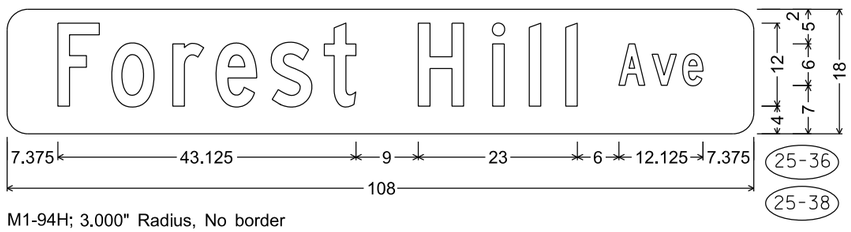


M1-94H; 3.000" Radius, No border

M1-94H; 3.000" Radius, No border



M1-94H; 3.000" Radius, No border



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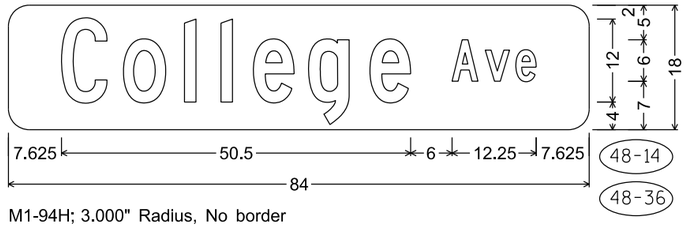
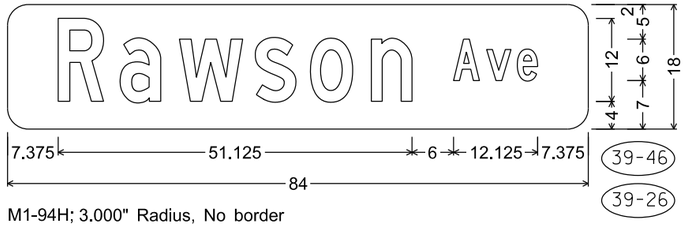
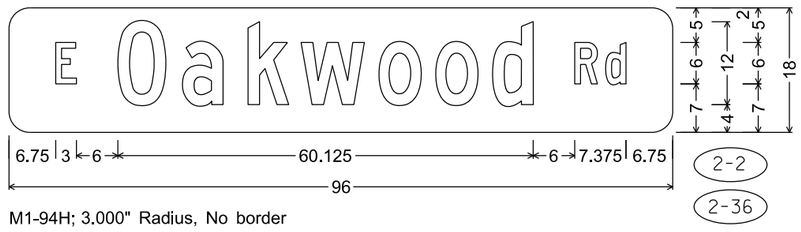


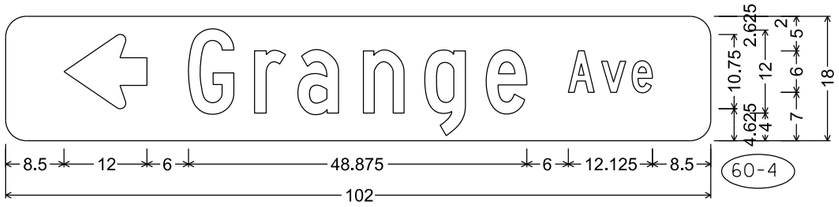
M1-94H; 3.000" Radius, No border



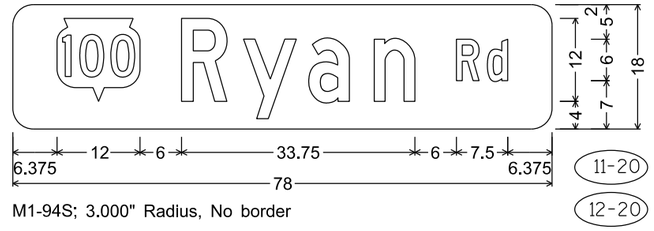
M1-94H; 3.000" Radius, No border



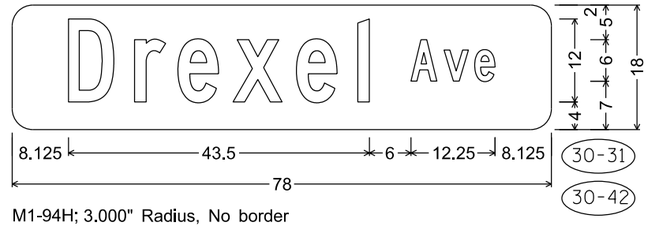
M1-94H; 3.000" Radius, No border



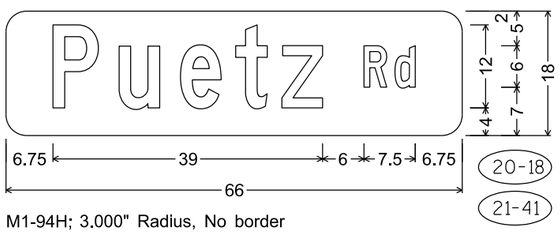
M1-94H; 3.000" Radius, No border



M1-94S; 3.000" Radius, No border



M1-94H; 3.000" Radius, No border



M1-94H; 3.000" Radius, No border

M1-94S; 3.000" Radius, No border

2-16 11-15 18-12 21-37 58-17
2-28 11-22 18-30 21-43
25-37 30-41 39-39 48-37
25-39 30-43 39-14 48-15

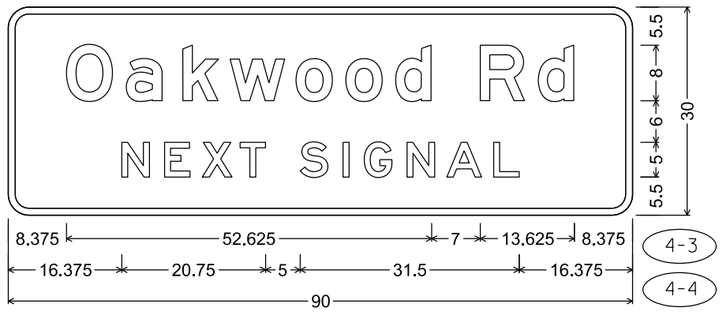
NOTES

1. Signs are Type II - Type H Reflective
2. Color:
   Background - Green
   Message - White
3. Message Series - C

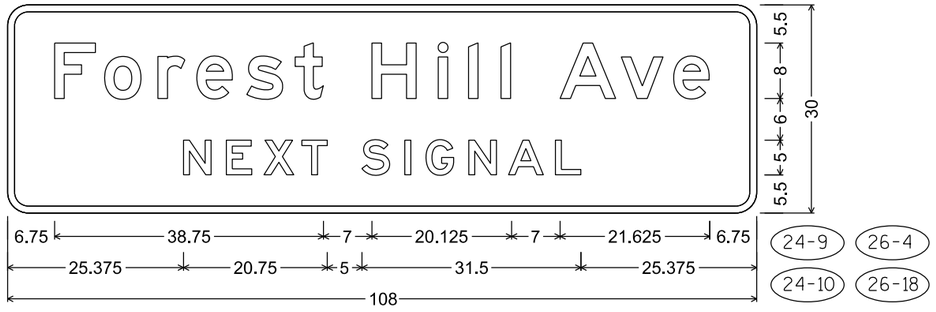
7

7

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PERMANENT SIGNING	SHEET NO: 702	E



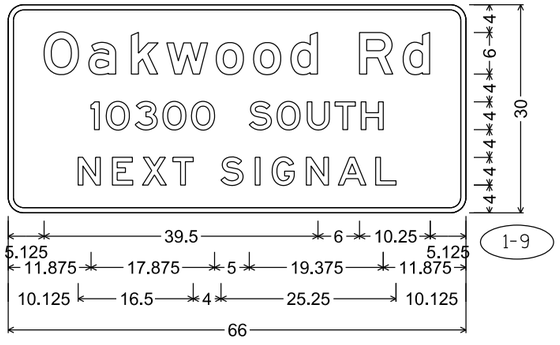
D1-65; 3.000" Radius, 1.000" Border



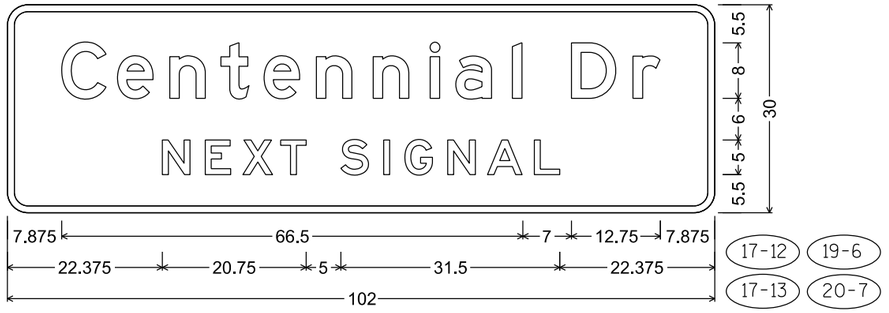
D1-65; 3.000" Radius, 1.000" Border

NOTES

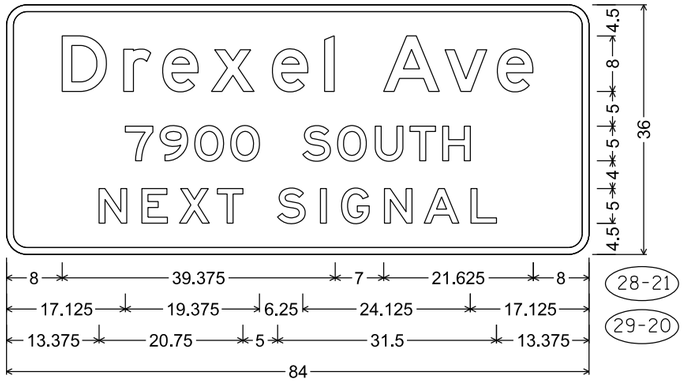
1. Signs are Type II - Type H Reflective
2. Color:
   Background - Green
   Message - White
3. Message Series - E except as noted



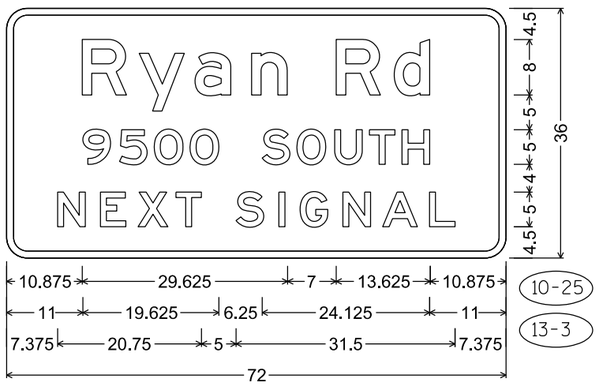
D1-65; 2.250" Radius, 0.750" Border



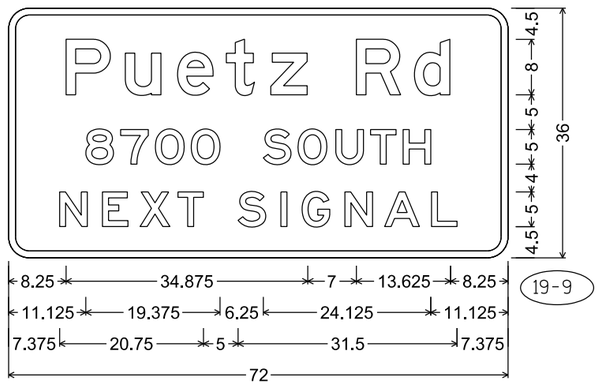
D1-65; 3.000" Radius, 1.000" Border



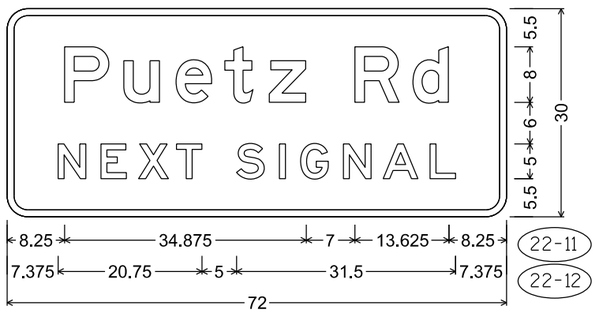
D1-65; 3.000" Radius, 1.000" Border



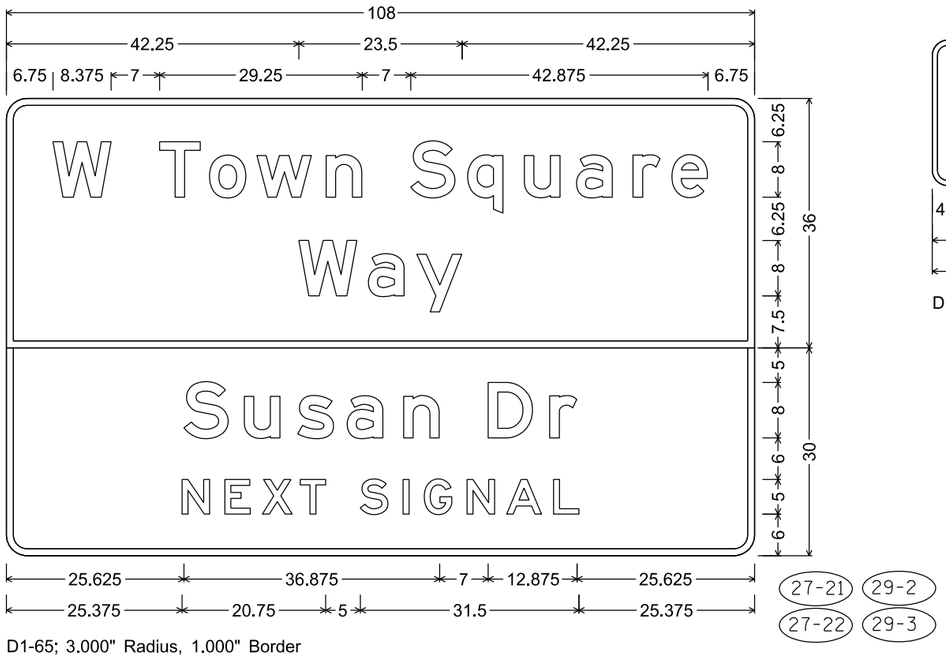
D1-65; 3.000" Radius, 1.000" Border



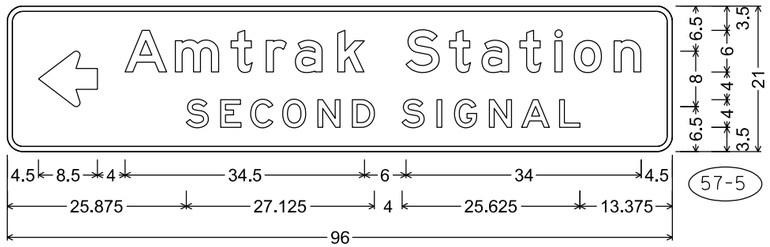
D1-65; 3.000" Radius, 1.000" Border



D1-65; 3.000" Radius, 1.000" Border



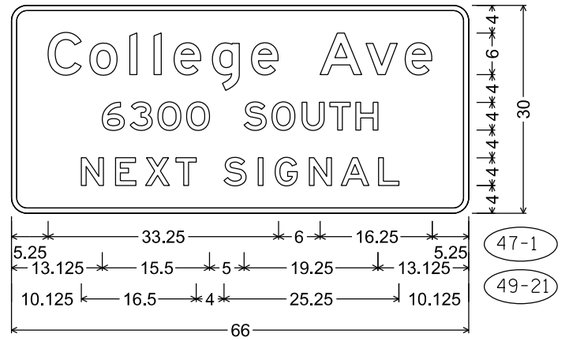
D1-65; 3.000" Radius, 1.000" Border



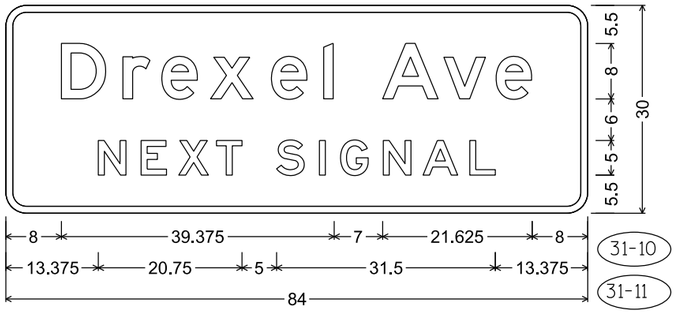
D1-64; 2.250" Radius, 0.750" Border

NOTES

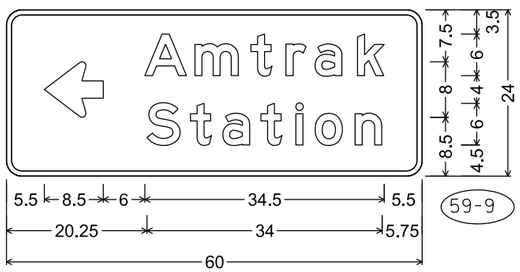
1. Signs are Type II - Type H Reflective
2. Color:
   Background - Green
   Message - White
3. Message Series - E except as noted



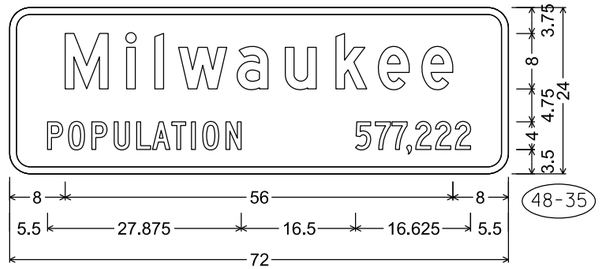
D1-65; 2.250" Radius, 0.750" Border



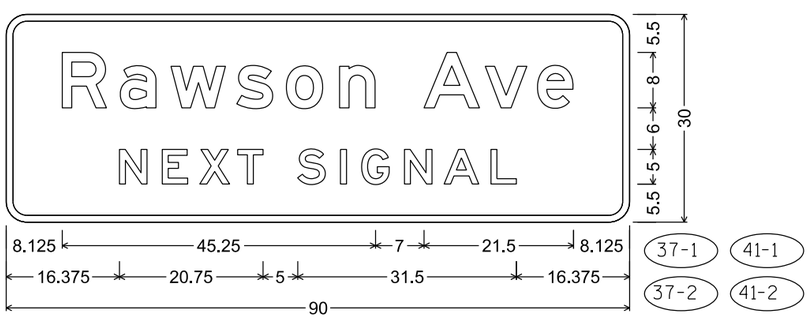
D1-65; 3.000" Radius, 1.000" Border



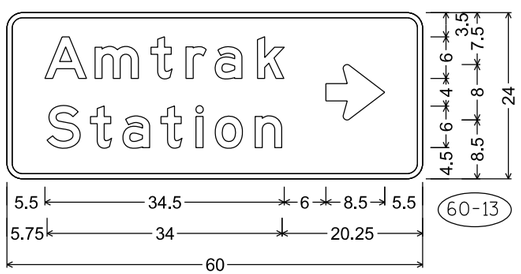
D1-2; 2.250" Radius, 0.750" Border



I2-3; 3.000" Radius, 1.000" Border,
"Milwaukee", D; "POPULATION", C; "577,222", C



D1-65; 3.000" Radius, 1.000" Border



D1-2; 2.250" Radius, 0.750" Border

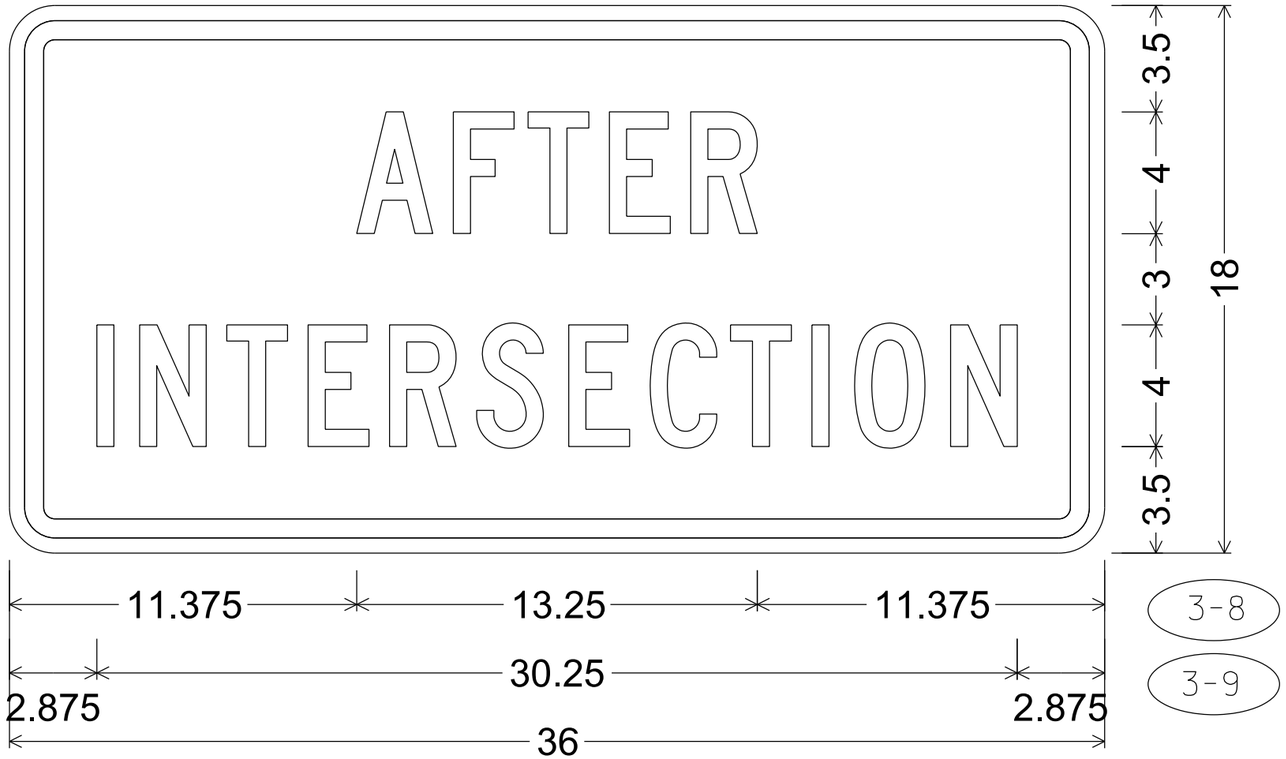
PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	PERMANENT SIGNING	SHEET NO: 704	E

FILE NAME : C:\CAEfiles\Projects\tr_d2_2403a226.DGN PLOT DATE : 4-FEB 2026 6:08 PLOT BY : mscj9h PLOT NAME : PLOT SCALE :

WISDOT/CADDS SHEET 42

NOTES

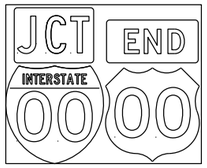
1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - Black
3. Message Series - C



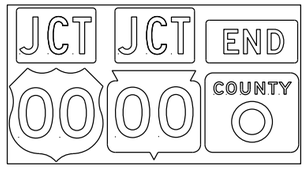
1.500" Radius, 0.625" Border, 0.500" Indent

TYPICAL ASSEMBLIES

J1-1



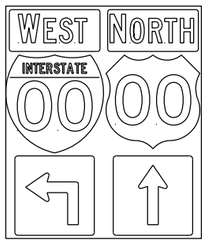
J1-2



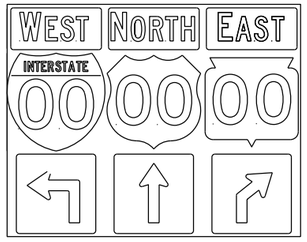
J1-3

JR1-1

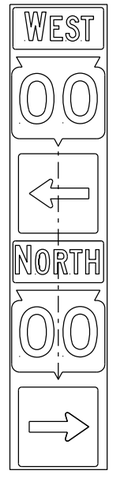
J2-1



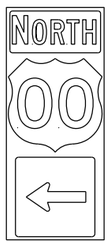
J2-2



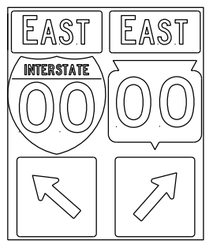
J2-3



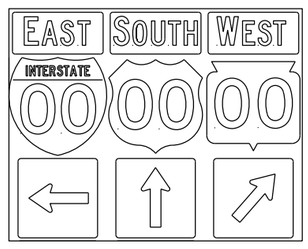
JV
(Typical Vertical J-Assembly
See Note 10 and 11)



J3-1

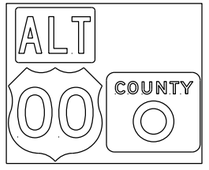


J3-2

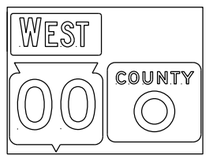


J3-3

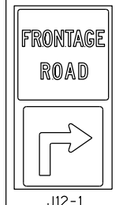
J4-1



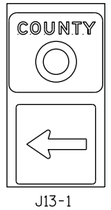
J4-2



J4-2



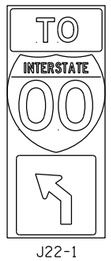
J12-1



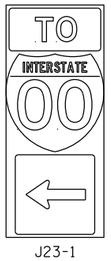
J13-1

J32-1

J33-1



J22-1

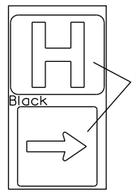


J23-1

JR13-1

JR23-1

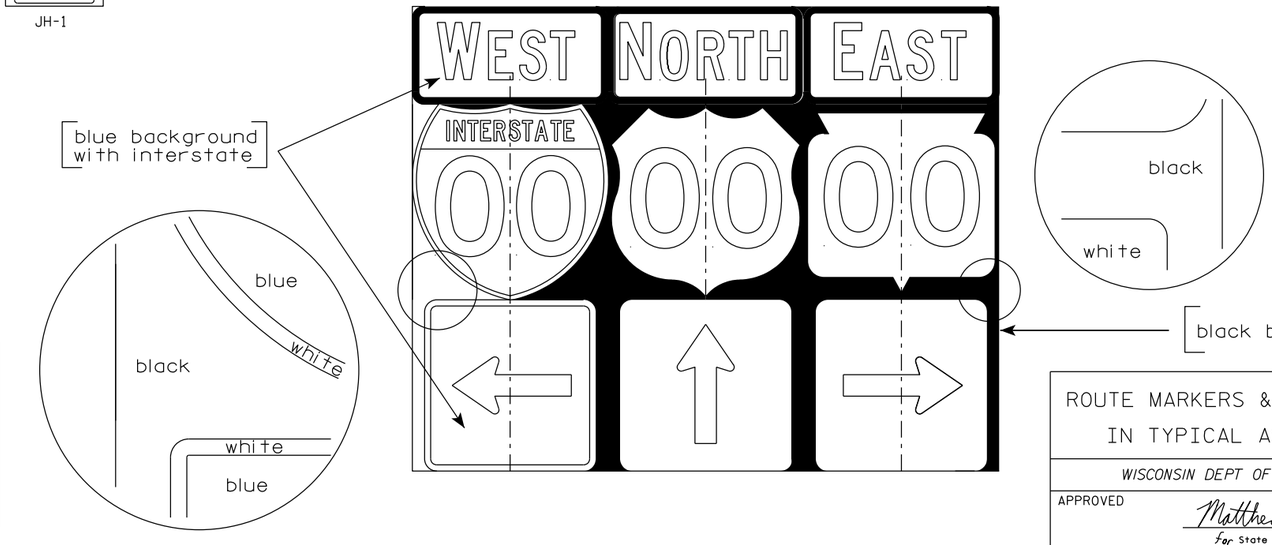
JR99-1



JH-1

NOTES

1. Signs are Type II - Type H Reflective
2. Color:
   Background - Black Non-reflective
   Message - see Note 4
3. Message Series - See Note 4
4. The colors and message spacing on each marker shall be according to the applicable route marker panel specifications.
5. Certain marker heads require the component pieces to be the same color. As an example, all the components used with an M1-1 Interstate marker shall be blue.
6. Single panel j-assemblies shall only be used with route marker shields that are same size. If the route marker shields are different size use multiple piece component.
7. Route assemblies that have 24 inch route shields and have dimensions greater than 48 inches (both vertical and horizontal) shall have one horizontal splice between the arrows and route shields. Vertical splices shall not be used on route assemblies with a horizontal dimension of 144 inches or less. The contractor shall not use more than one vertical joint per sign and the joint shall be between route shields.
8. Route assemblies that have 36 inch shields and have dimensions greater than 48 inchs (both vertical and horizontal) shall have two horizontal splices. One horizontal splice shall be between the cardinal direction and route shields and the other horizontal splice shall be between the arrows and route shields. Vertical splices shall not be used on route assemblies with a horizontal dimension of 144 or less. The contractor shall not use more than one vertical joint per sign and the joint shall be between route shields.
9. All Vertical J Assemblies are given a Sign Code of JV
10. For JV Assemblies that have a mixture of Interstate and Non-Interstate shields, arrows and cardinals shall be white on blue.
11. For JV Assemblies that have a mixture of Non-Interstate and Auto-Tour shields, arrows and cardinals shall be black on white.



ROUTE MARKERS & COMPONENTS IN TYPICAL ASSEMBLIES

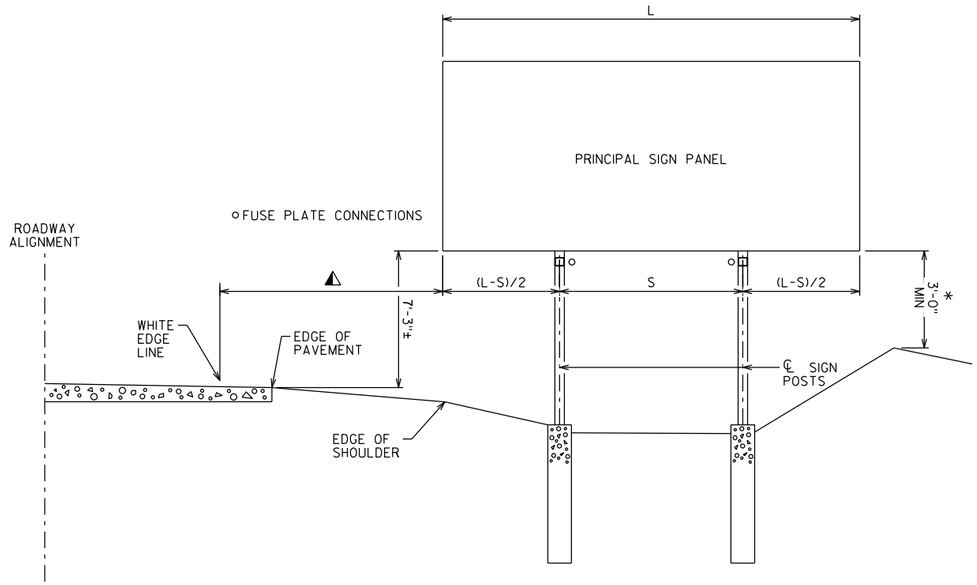
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

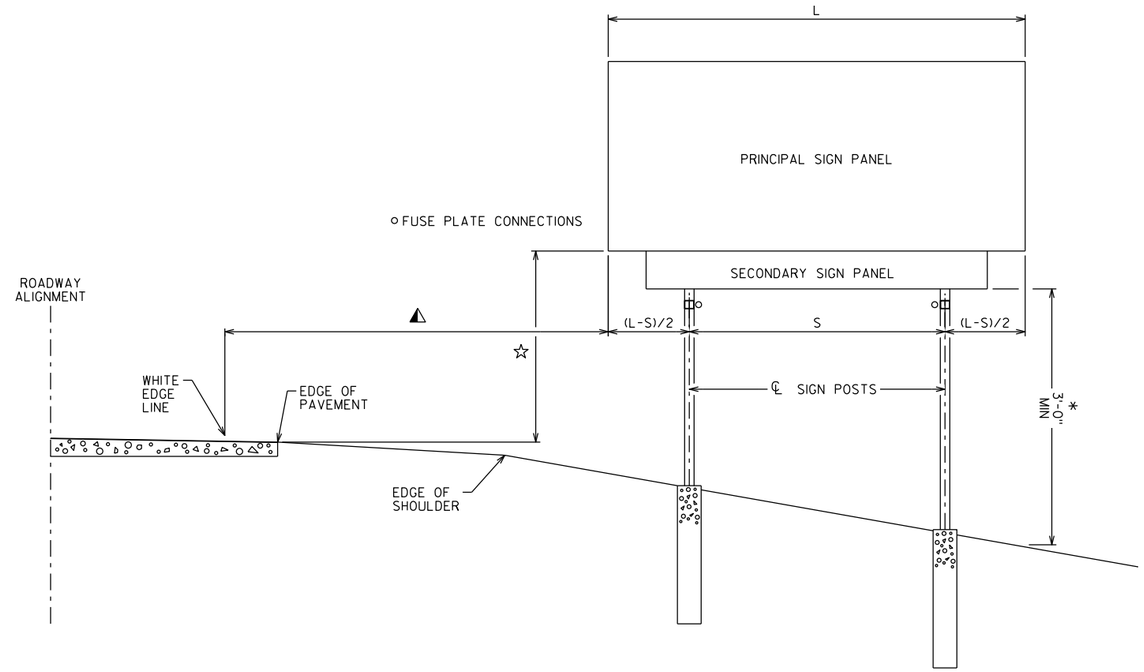
DATE 6/7/23 PLATE NO. A2-1S.10

PROJECT NO:

SHEET NO: 706 E



INSTALLATION WITHOUT SECONDARY SIGN



INSTALLATION WITH SECONDARY SIGN

TYPE 1 SIGN INSTALLATION NOTES:

FOR A 2-POST INSTALLATION, "S" EQUALS 3L/5, BUT SHALL NOT BE LESS THAN 6'-0".

FOR A 3-POST INSTALLATION, "S" EQUALS 5L/7, BUT SHALL NOT BE LESS THAN 12'-0". THE SPACING BETWEEN ANY TWO POSTS SHALL NOT BE LESS THAN 6'-0".

◭ UNLESS NOTED IN THE PLANS, THE SIGN OFFSET DISTANCE SHALL BE A MINIMUM OF 17'-6" FROM THE WHITE EDGE LINE, DESIRABLE 30'-0".

WHERE SIGNS ARE MOUNTED BEHIND CRASH WORTHY PROTECTION SUCH AS GUARDRAIL OR BARRIER WALL, THE LATERAL OFFSET MAY BE 4'-6" BEHIND THE GUARDRAIL OR BARRIER WALL.

THE ± TOLERANCE SHOWN ON THIS SHEETS IS 3".

THE VERTICAL SIGN HEIGHT CLEARANCES SHOWN ON THIS SHEET ARE MEASURED FROM THE BOTTOM OF THE SIGN PANEL TO THE NEAR EDGE OF PAVEMENT.

☆ THE VERTICAL CLEARANCE SHALL BE 8'-3"± WHEN THE SECONDARY SIGN HEIGHT IS 3'-0" OR LESS. FOR SECONDARY SIGN HEIGHTS LARGER THAN 3'-0", THE VERTICAL CLEARANCE TO THE BOTTOM OF THE SECONDARY SIGN PANEL SHALL BE 5'-3"±.

* THE VERTICAL SIGN GROUND CLEARANCE ON RIGHT END OF SIGN SHALL BE A MINIMUM OF 3'-0"±.

○ FOR 2-POST SIGNS, IF THERE IS A SECONDARY SIGN THAT IS NOT AS WIDE AS THE POSTS, INSTALL FUSE PLATES BENEATH PRINCIPAL SIGN.

FOR SECONDARY SIGNS THAT ARE NOT AS WIDE AS THE EXTERIOR POSTS, SECURE SIGN WITH CHANNEL STEEL AS DESCRIBED IN A4-6.

POST LENGTHS SHOWN IN THE MISCELLANEOUS QUANTITIES ARE ESTIMATED LENGTHS. THE CONTRACTOR SHALL VERIFY POST LENGTHS AT THE TIME OF FINAL GRADING.

REFER TO THE TRAFFIC ENGINEERING OPERATIONS AND SAFETY MANUAL FOR FURTHER GUIDANCE ON MINIMUM VERTICAL CLEARANCE REQUIREMENTS.

NO.	DATE	REVISION	BY
	2/29/24		

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE BTO TYPE I SIGNS

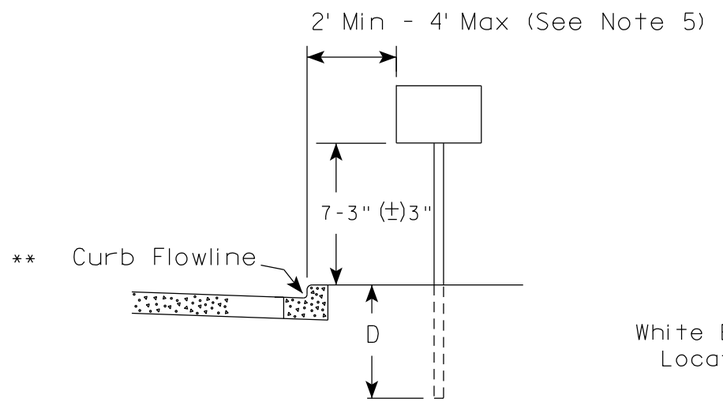
DRAWN BY	PLANS CK'D.

TYPICAL TYPE I SIGN INSTALLATION

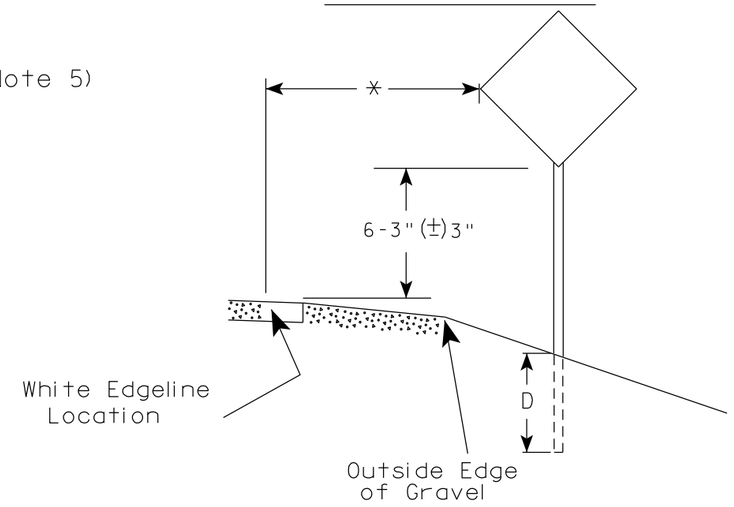
SHEET A4-1.11

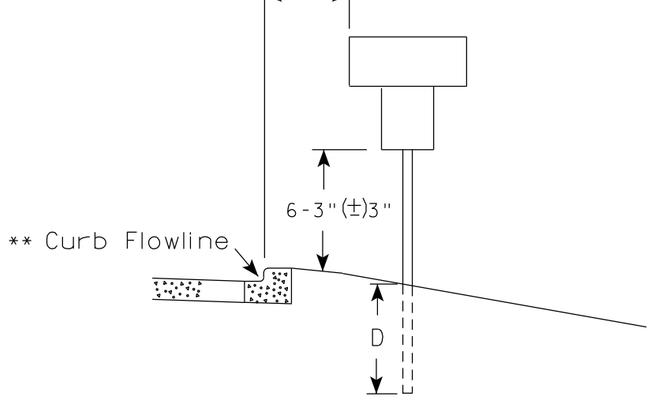
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 707	E

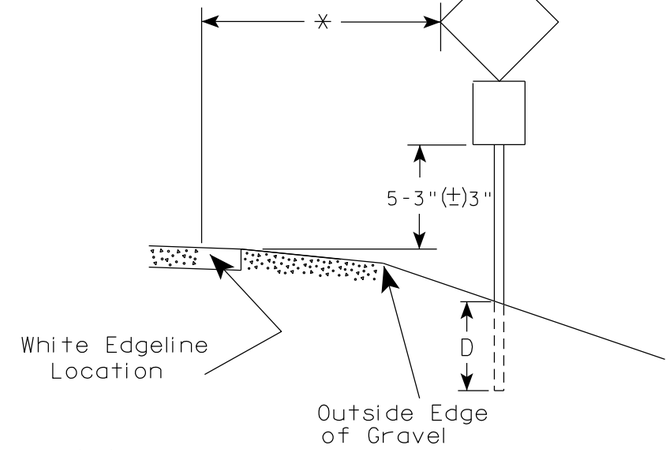
URBAN AREA



RURAL AREA (See Note 2)







** The existence of curb and gutter does not in itself mandate the vertical clearance illustrated. That height is typically measured where there is sidewalk adjacent to the roadway or parking is permitted. In the absence of sidewalk vertical clearance is measured from the top of the curb. Offset of signs is measured from the flow line.

* 6 feet from edge of a paved shoulder or 12 feet from the edge of pavement (edge line location) or 2 feet from outside edge of gravel, whichever is greater unless directed by project engineer.

POST EMBEDMENT DEPTH

Area of Sign Installation (Sq. Ft.)	D (Min)
20 or Less	4'
Greater than 20	5'

GENERAL NOTES

1. Signs wider than 4 feet or 20 sq.ft or larger, shall be mounted on multiple posts. Refer to plate A4-4.
2. If signs are mounted on or behind barrier wall, see A4-10 sign plate.
   The Double Arrow sign (W12-1D) shall be mounted at a height of 2'-3" (±) 3". The Chevron sign (W1-8), Roundabout Chevron panel (R6-4B), Enhanced Reference Markers, Clearance Markers (W5-52), Mile Markers (D10 series), In Road Object Markers (W5-54) & End of Road Markers (W5-56) shall be mounted at a height of 4'-3" (±) 3".
3. For expressways and freeways, mounting height is 7'- 3" (±) 3" or 6'-3" (±) 3" depending upon existence of a sub-sign.
4. Minimum mounting height for signs mounted on traffic signal poles is 5'- 3" (±) 3".
5. Offset distance shall be consistent with existing signs or consistent throughout length of project.
6. Folding signs shall be mounted at a height of 5'-3" (±) 3" or as directd by the Engineer.

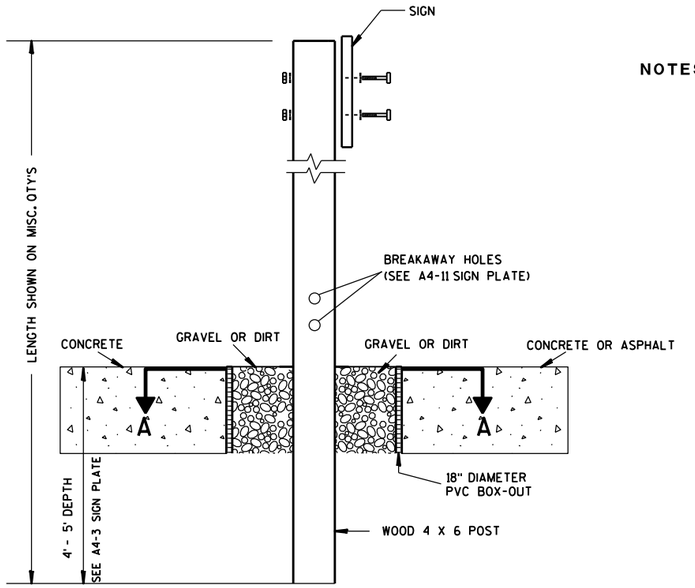
TYPICAL INSTALLATION OF PERMANENT TYPE II SIGNS ON SINGLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/6/23 PLATE NO. A4-3.23

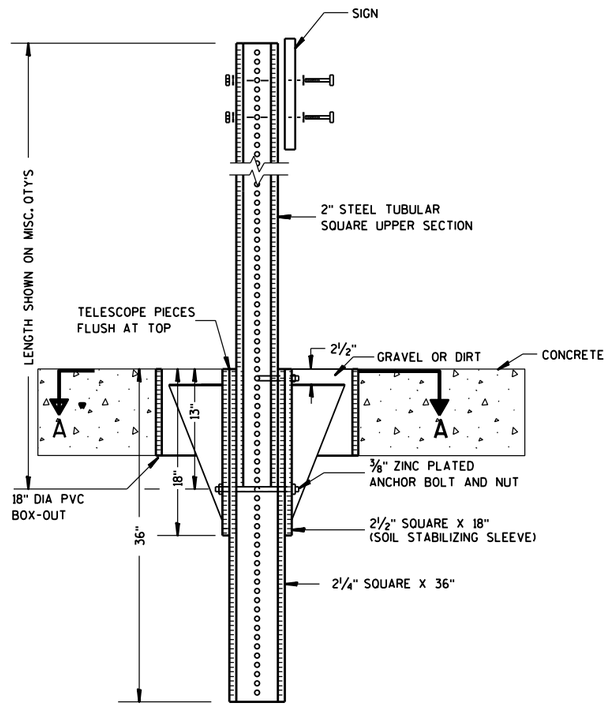
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 708	E



ELEVATION VIEW

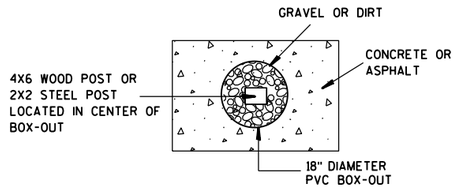
DETAIL OF WOOD 4 X 6 SIGN POST IN BOX-OUT

NOTES:
1. ALL MATERIAL TO BE APPROVED BY ENGINEER PRIOR TO INSTALLATION
2. SEE SIGN PLATE A4-8 FOR SIGN HARDWARE REQUIREMENTS
3. 18 INCH X 18 INCH SQUARE BOX-OUTS MAY BE USED FOR INSTALLATIONS IN EXISTING CONCRETE OR ASPHALT LOCATIONS.



ELEVATION VIEW

DETAIL OF STEEL 2 X 2 SIGN POST IN BOX-OUT



PLAN VIEW

FOR NEW CONCRETE/ASPHALT INSTALLATIONS

SIGN POST BOX-OUTS A4-3B

WISCONSIN DEPT OF TRANSPORTATION

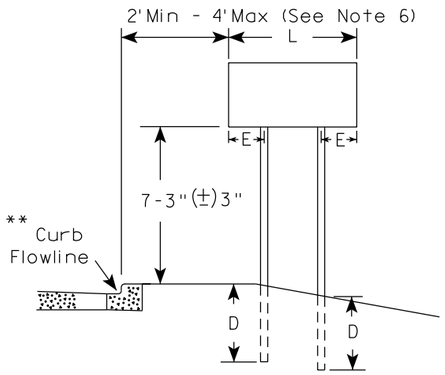
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/27/14 PLATE NO. A4-3B.1

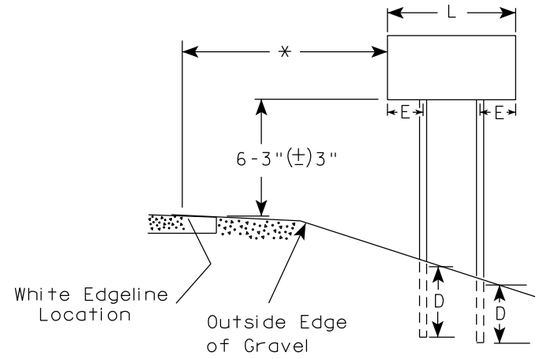
PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

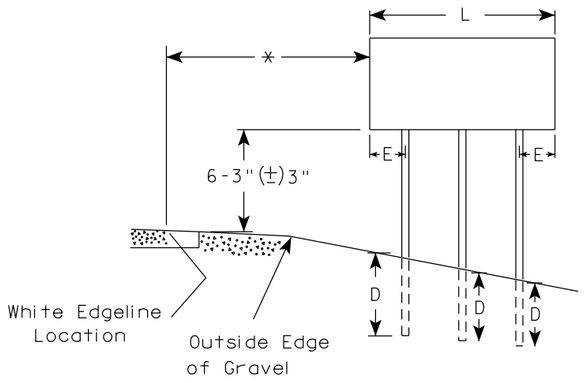
FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A43B.DGN PLOT DATE : 27-JAN-2014 09:48 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 13.659812:1.000000 WISDOT/CADDS SHEET 42

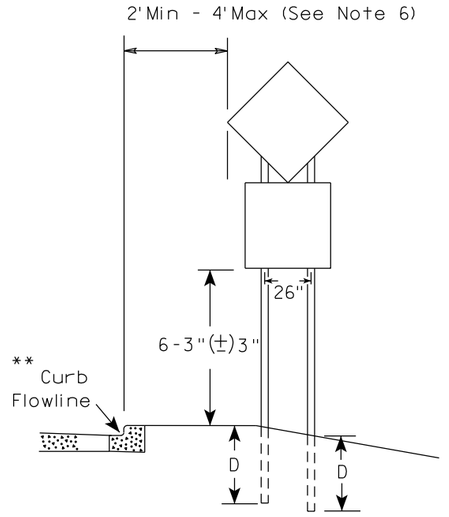
URBAN AREA



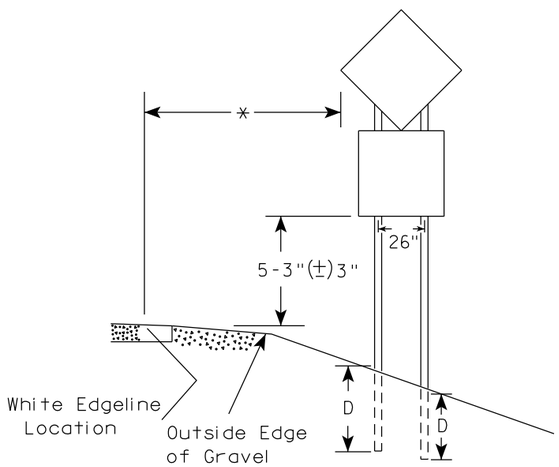
RURAL AREA (See Note 3)







48" DIAMOND WARNING SIGN



48" DIAMOND WARNING SIGN

SIGN SHAPE OTHER THAN DIAMOND (TWO POSTS REQUIRED)		
	L	E
***	Greater than 48" Less than 60"	12"
	60" to 108"	L/5

SIGN SHAPE OTHER THAN DIAMOND (THREE POSTS REQUIRED)	
L	E
Greater than 108" to 144"	12"

GENERAL NOTES

1. For 3 or 4 post installations, individual post spacing shall be greater than 3'-6".
2. See tables below for required number of posts.
3. For expressways and freeways, mounting height is 7'-3" (±) 3" or 6'-3" (±) 3" depending upon existence of sub-sign.
4. The (±) tolerance for mounting height is 3 inches.
5. J-Assemblies are considered to be one sign for mounting height.
6. Offset distance shall be consistent with existing signs or consistent throughout length of project.
7. Folding signs shall be mounted at a height of 5'-3" (±) 3" or as directed by the engineer.
8. The Double Arrow sign (W12-1) shall be mounted at a height of 2'-3" (±) 3". The Chevron sign (W1-8), Roundabout Chevron panel (R6-4B), Clearance Markers (W5-52), Mile Markers (D10 series), In Road Object Markers (W5-54) & End of Road Markers (W5-56) shall be mounted at a height of 4"-3" (±) 3".

* 6 feet from edge of a paved shoulder or 12 feet from the edge of pavement (edge line location) or 2 feet from outside edge of gravel, whichever is greater unless directed by project engineer.

** The existence of curb and gutter does not in itself mandate the vertical clearance illustrated. That height is typically measured where there is sidewalk adjacent to the roadway or parking is permitted. In the absence of sidewalk vertical clearance is measured from the top of the curb. Offset of signs is measured from the flow line.

*** See A4-3 sign plate for signs 4' or less in width and less than 20 S.F. in area.

POST EMBEDMENT DEPTH

Area of Sign Installation (Sq. Ft.)	D (Min)
20 or Less	4'
Greater than 20	5'

TYPICAL INSTALLATION OF TYPE II SIGNS ON MULTIPLE POSTS

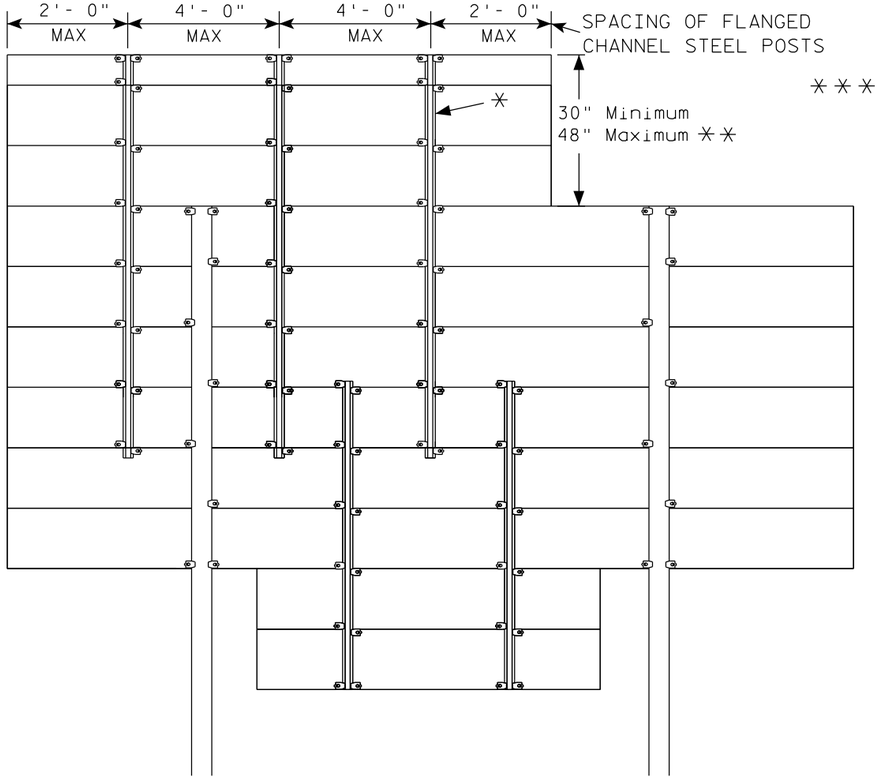
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/6/23 PLATE NO. A4-4.16

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 710	E

GROUND MOUNTED SIGN



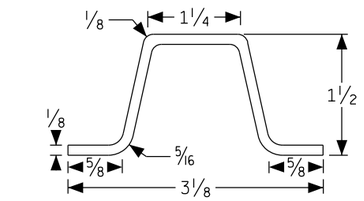
✳=2.00 lb/ft AND 4.00 lb/ft FLANGED CHANNEL, MIN. YIELD STRENGTH = 60,000 PSI (GRADE 60) GALVANIZED

✳✳=FOR 48" HEIGHT PANELS ON OVERHEAD STRUCTURES, ENTIRE SIGN SHALL BE CENTERED VERTICALLY ABOUT THE DEPTH OF THE TRUSS.

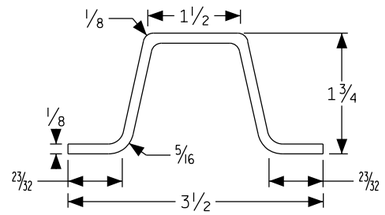
✳✳✳ THESE SPACING DISTANCES SHALL ONLY BE USED WHEN THE MAIN SIGN HAS A MAXIMUM HEIGHT (DIMENSION H) OF 15 FT OR LESS. FOR SIGNS WITH A HEIGHT OF GREATER THAN 15 FT, STRUCTURAL CALCULATIONS SHALL BE PERFORMED.

FLANGE CHANNEL DETAILS

NOT TO SCALE

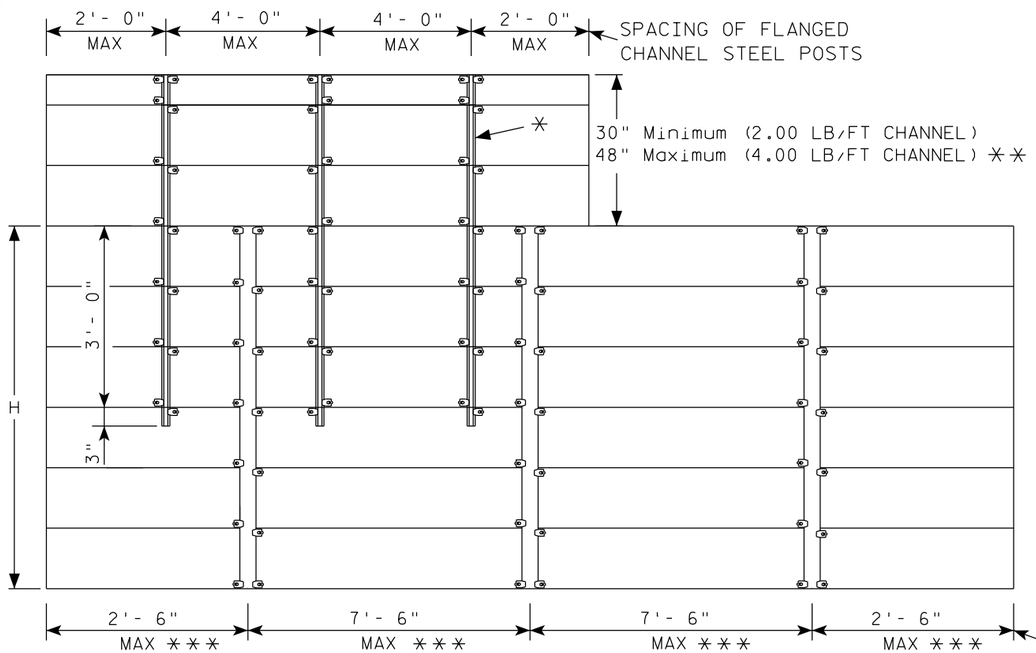


2.00 LB/FT CHANNEL



4.00 LB/FT CHANNEL

SIGN BRIDGE MOUNTED SIGN



SPACING OF ALUMINUM SIGN SUPPORTS
5" X 3.5" X 3.7 LBS./ft.

GENERAL NOTES

1. Flanged channel steel posts shall conform to size and material above, and shall be considered as incidental to other items in the contract.
2. Number of Flanged channel steel supports varies with length of panel and shall be spaced as shown:

   PANEL LENGTH 8'-0" OR LESS = 2 CHANNELS
   PANEL LENGTH 9'- 0" - 12'- 0" = 3 CHANNELS
   PANEL LENGTH 13'- 0" OR MORE = 4 CHANNELS

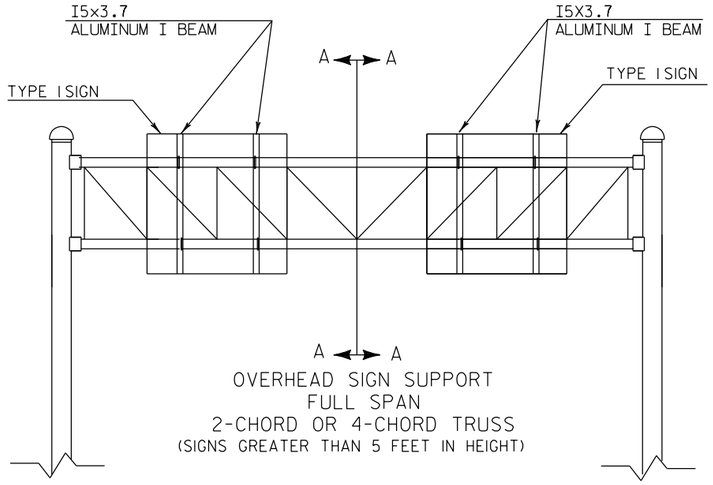
   If the flanged channel steel posts can not be horizontally spaced as shown, they can be moved so as to securely hold the sign.
3. The EXIT NUMBER PANEL shall normally be positioned above the guide sign aligned with the right edge of the guide sign. If the guide sign indicates a left exit, the EXIT NUMBER PANEL shall be aligned with the left edge of the guide sign.
4. If the bolt holes in the top panel (EXIT NUMBER), or sub panel (NEXT EXIT) line up with holes in main sign panel, stitch bolts shall be used in addition to the channels.
5. Provide post clips for each sign as shown. (Please note the differences between a ground mounted versus Sign bridge mounted sign as far as number of clips required on the main supports or beams)
6. Structural steel sign supports shall extend to the top of the main signs, as shown on the above details.

ATTACHMENT OF GUIDE SIGNS TO SUPPORTS

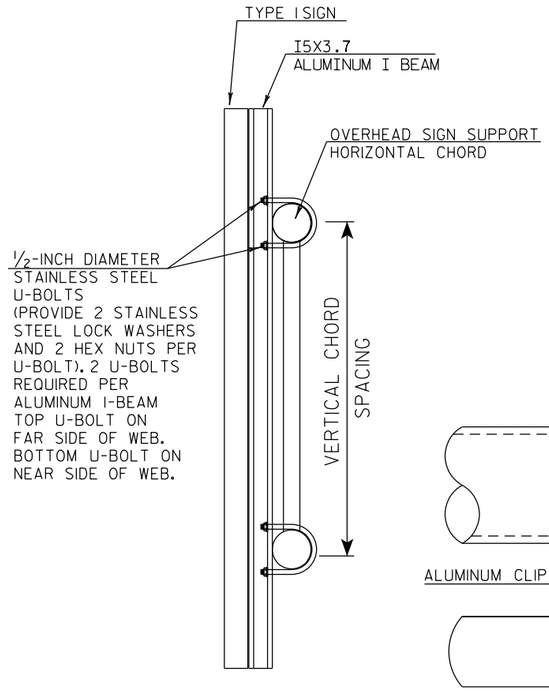
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

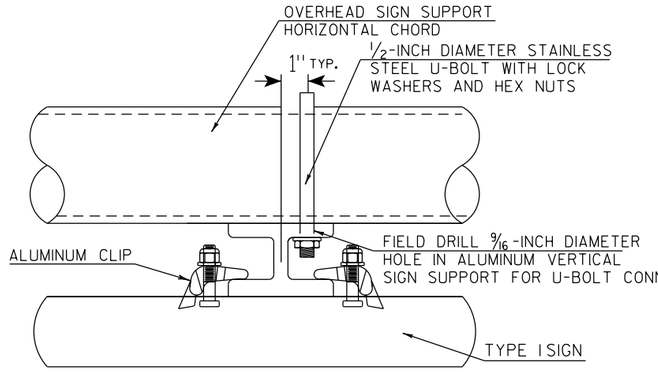
DATE 1/07/20 PLATE NO. A4-6.12



OVERHEAD SIGN SUPPORT
FULL SPAN
2-CHORD OR 4-CHORD TRUSS
(SIGNS GREATER THAN 5 FEET IN HEIGHT)



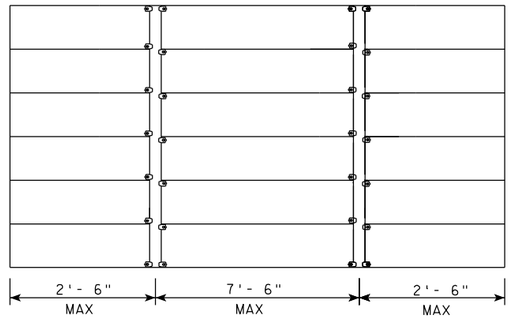
CUT SECTION A-A



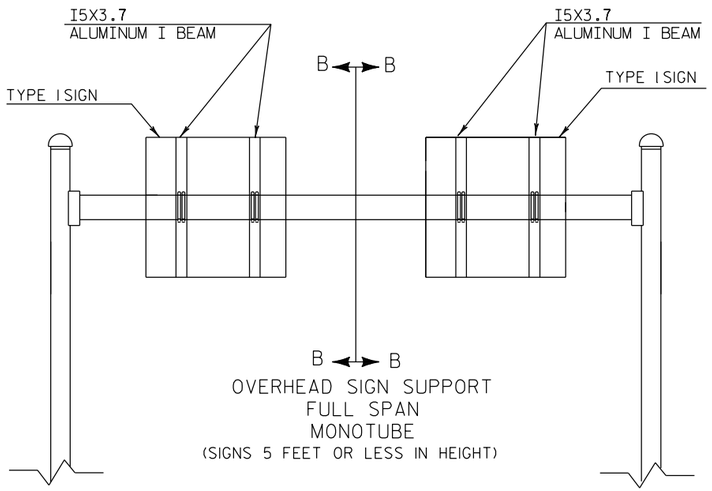
TYPICAL SIGN CONNECTION FOR
2-CHORD OR 4-CHORD TRUSS
PLAN VIEW

GENERAL NOTES

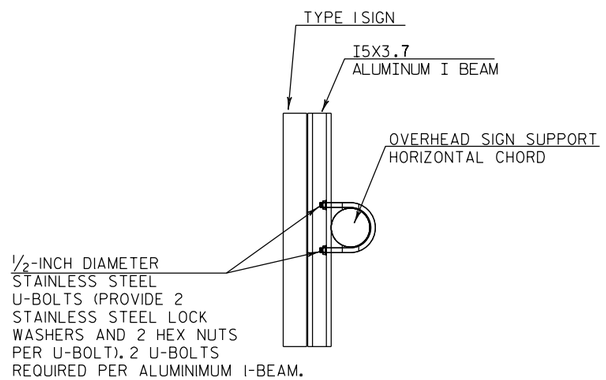
1. USE STAINLESS STEEL U-BOLTS, WASHERS, AND NUTS.
2. USE CLIPS ON EVERY EXTRUDED PANEL JOINT PER SIGN PLATE A4-6.
3. USE ALUMINUM VERTICAL SIGN SUPPORT BEAMS HAVING A 5 INCH BEAM DEPTH AND WEIGHT OF 3.7 LBS PER FOOT.
4. U-BOLTS SHALL BE STAINLESS STEEL AND MANUFACTURED TO THE PROPER SIZE TO FIT THE CHORDS OF THE OVERHEAD SIGN STRUCTURE.
5. DIAMETER OF U-BOLTS SHALL BE AS SHOWN.
6. THE LENGTH OF THE ALUMINUM VERTICAL SIGN SUPPORT BEAMS SHALL BE THE SAME AS THE HEIGHT OF THE SIGN THEY ARE SUPPORTING. BEAM LENGTHS MAY BE LONGER FOR PROPER ATTACHMENT TO CHORDS.
7. MINIMUM NUMBER OF BRACKETS PER SIGN IS TWO. SEE DETAIL BELOW FOR SPACING OF ALUMINUM VERTICAL SIGN SUPPORTS
8. MATERIAL NOTES:
   STAINLESS STEEL U-BOLTS AND LOCKWASHERS ASTM 304.
   STAINLESS STEEL HEX NUTS ASTM A276.
   ALUMINUM I-BEAMS ARE 6061-T6.
9. SLOTTED HOLES IN I-BEAMS ARE NOT ALLOWED



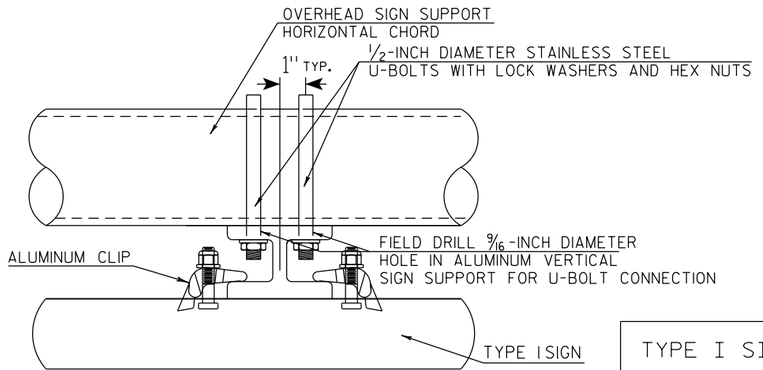
SPACING OF I5X3.7 ALUMINUM
VERTICAL SIGN SUPPORT



OVERHEAD SIGN SUPPORT
FULL SPAN
MONOTUBE
(SIGNS 5 FEET OR LESS IN HEIGHT)



CUT SECTION B-B



TYPICAL SIGN CONNECTION FOR
MONOTUBE
PLAN VIEW

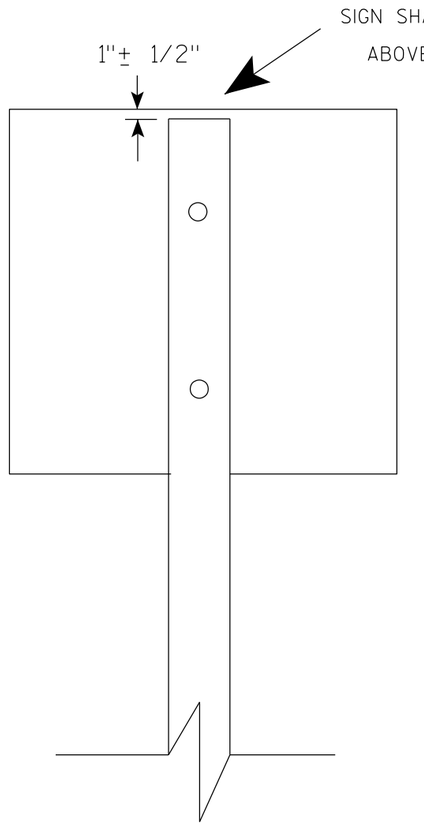
TYPE I SIGN CONNECTION
TO OVERHEAD SIGN SUPPORT

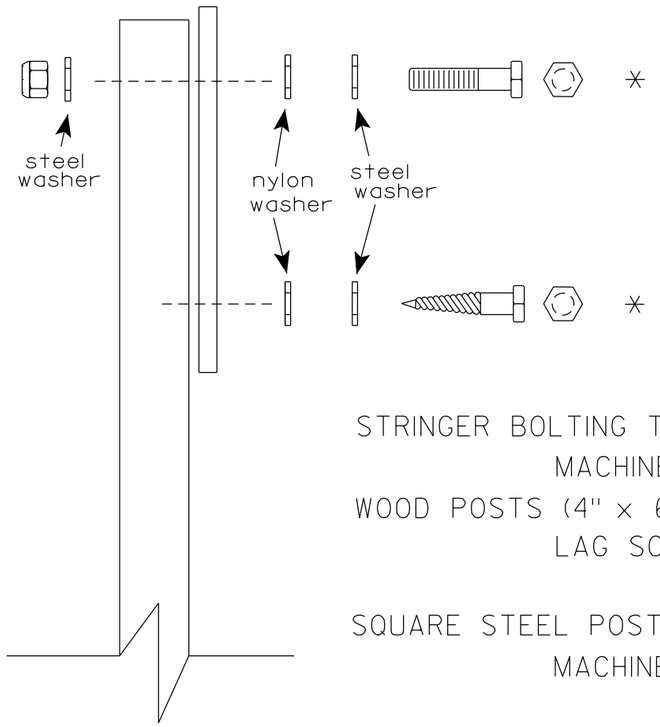
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
State Traffic Engineer

DATE 1/07/20 PLATE NO. A4-7A.1

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 712	E





Nuts, bolts and lags used for mounting signs shall have hexagonal heads and shall be either :

a. Hot dip galvanized in accordance with ASTM Designation: A 153, Class D, or SC 3

b. Electro-galvanized in accordance with ASTM Designation : B 633, TYPE III, SC 3.

Threads on bolts and nuts shall be manufactured with sufficient allowance for the cadmium plate or galvanized coating to permit the nuts to run freely on the bolts.

STRINGER BOLTING TO ALUMINUM SIGNS (SEE SIGN PLATE A4-18)

MACHINE BOLTS - 5/16" X 1-3/4" Length w/ lock nuts

WOOD POSTS (4" x 6")

LAG SCREWS - 3/8" X 3" (NO STRINGERS ON BACK OF SIGN)
3/8" X 4" (STRINGERS ON BACK OF SIGN)

SQUARE STEEL POSTS (2" x 2")

MACHINE BOLTS - 3/8" X 3-1/4" Length w/ nuts (NO STRINGER ON BACK OF SIGN)
3/8" X 5" Length w/ nuts (STRINGERS ON BACK OF SIGN)

RIVETS - 9/32" (6605-9-6) BULB-TITE, TRI-FOLD, ALUMINUM BODY/MANDREL
O.D. FLANGE .720-.765 INCH, GRIP RANGE .042-.375 INCH

WASHERS (ALL POSTS) -

1-1/4" O.D. X 3/8" I.D. X 1/16" STEEL
1-1/4" O.D. X 3/8" I.D. X .080 NYLON

* Two different fastening systems are shown for illustration purposes. On any individual sign, either one or the other system shall be used. Actual number of fasteners per sign varies with the sign area, but normally there are two. For a single post installation, all signs greater than 9 sq. ft. require the use of 3 fasteners.

ATTACHMENT OF SIGNS TO POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 4/1/2020 PLATE NO. A4-8.9

PROJECT NO:

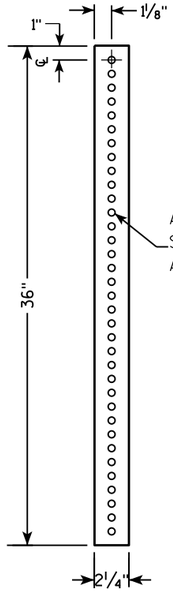
SHEET NO: 713 E

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A48.DGN PLOT DATE : 01-APRIL-2020 PLOT BY : dotc4c

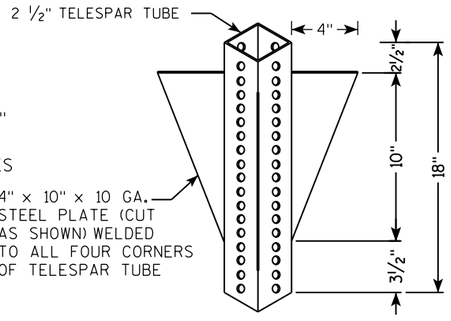
WISDOT/CADDS SHEET 42

TELESCOPIC TUBING ANCHORS
TWO PIECE SYSTEM

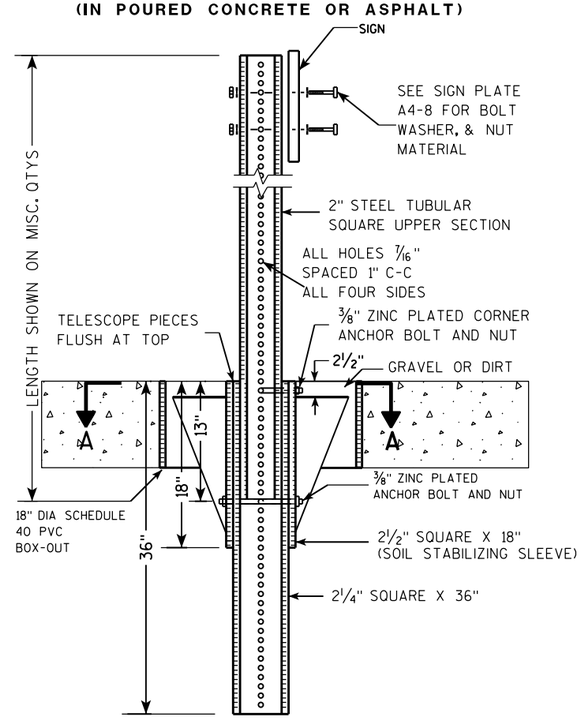
2 1/4 " SQUARE
12 GAUGE
PERFORATED
GALVANIZED FINISH



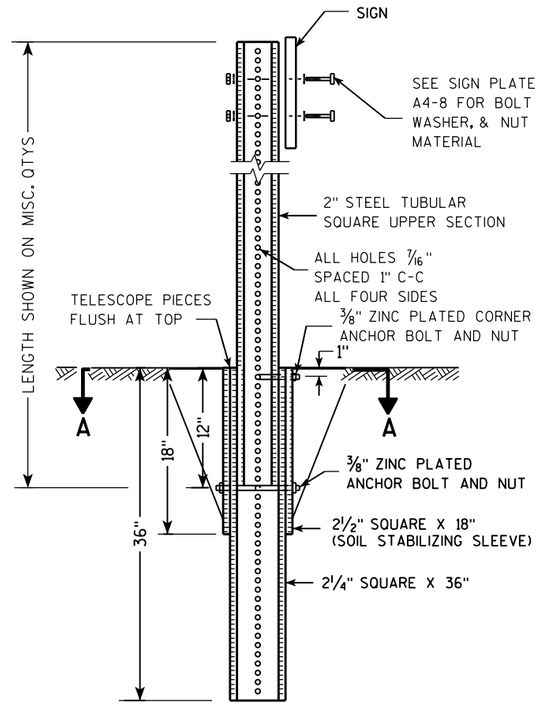
2 1/2 " SQUARE
12 GAUGE
OMNI-DIRECTIONAL
PERFORATED
SOIL STABILIZING SLEEVE
GALVANIZED FINISH

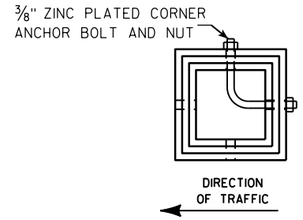


DETAIL OF TUBULAR STEEL SIGN POST
(IN POURED CONCRETE OR ASPHALT)



DETAIL OF TUBULAR STEEL SIGN POST
(IN LOCATIONS OTHER THAN POURED CONCRETE OR ASPHALT)





SECTION A-A

Area of Sign Installation (Sq. Ft.)	Number of Required Posts
9 or less	1
Greater than 9 less than or equal to 18	2
Greater than 18 less than or equal to 27	3

Signs wider than 3 feet or larger than 9 sq. ft shall be mounted on multiple posts (see above table).

TUBULAR STEEL
SIGN POST
A4-9

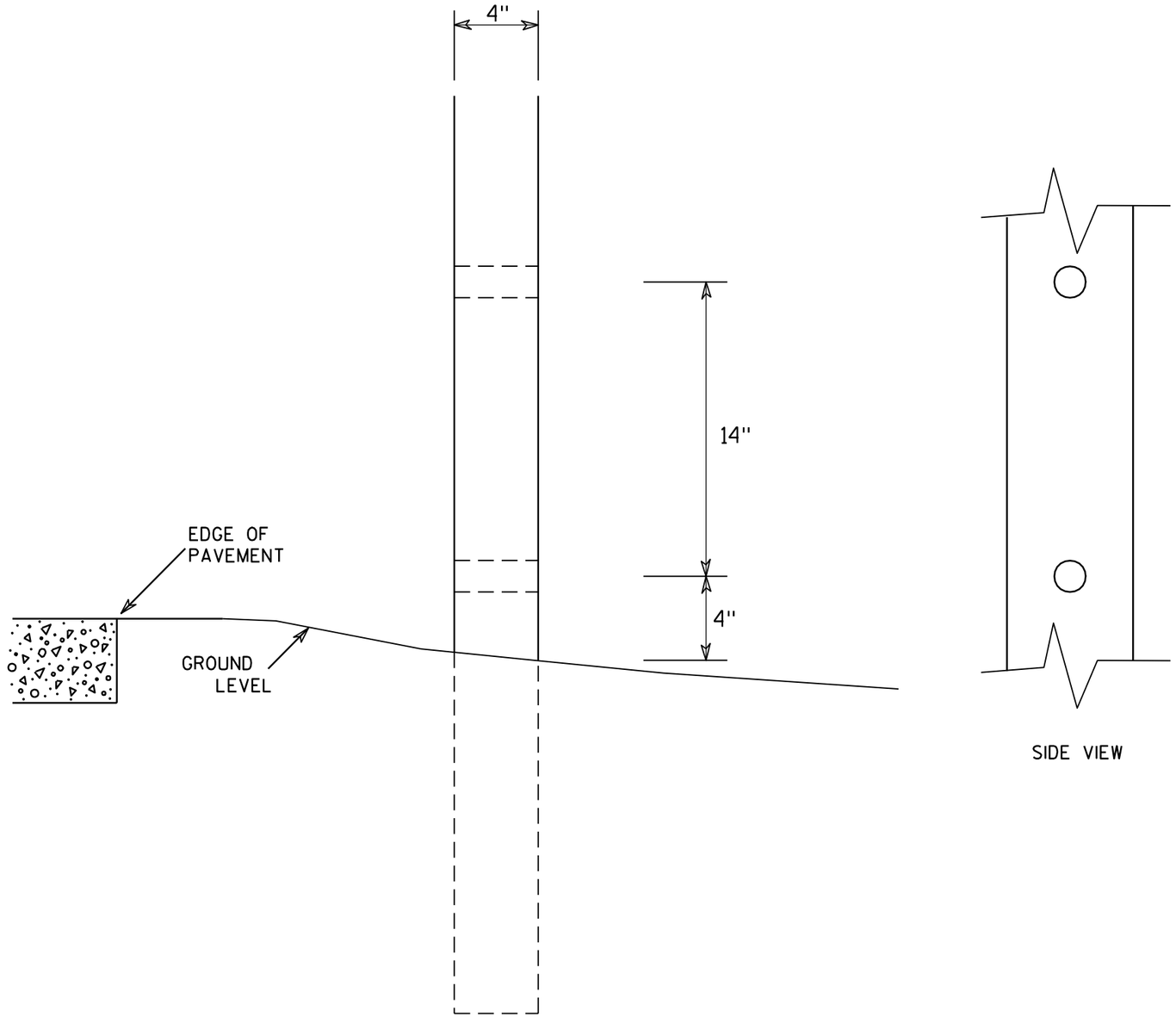
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/05/15 PLATE 714 A4-9.9

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A49.DGN PLOT DATE : 05-FEB-2015 17:09 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 13.659812:1.000000



SIDE VIEW

GENERAL NOTES

1. All 4 x 6 Wood Posts shall be modified by having two 1½" diameter holes drilled perpendicular to the roadway centerline.

7

7

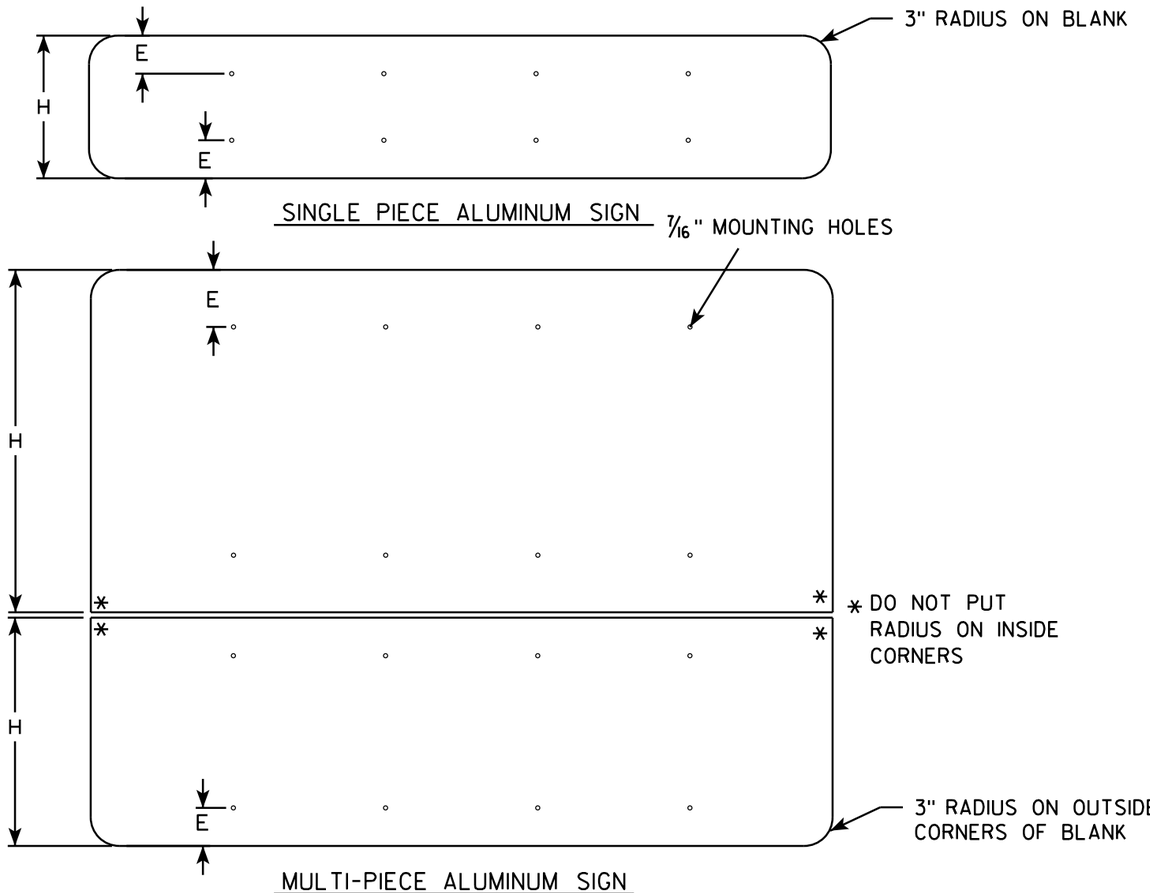
4 X 6 WOOD POST MODIFICATIONS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Chester J Spang for State Traffic Engineer

DATE 3/27/97 PLATE NO. A4-11.2

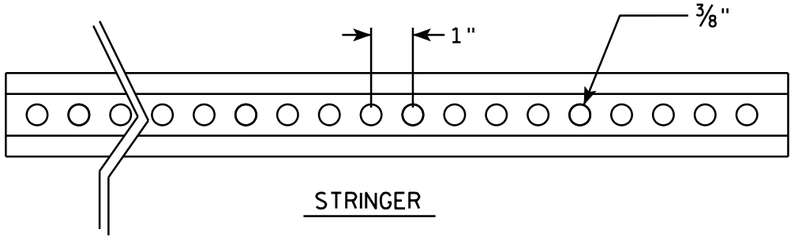
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 715	E



GENERAL NOTES

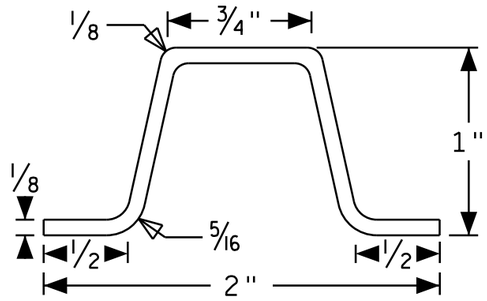
- ALL SIGNS OVER 60" IN WIDTH SHALL HAVE A 3" RADIUS ON THE OUTSIDE CORNERS OF THE ALUMINUM BLANK.
- MOUNTING HOLES SHALL BE 7/16" DIAMETER.
- SEE CHART FOR HOLE SPACING REQUIREMENTS
- FOR SIGN PANELS WITH DIMENSION (H) 36" AND OVER, DIMENSION E SHALL BE 6"
- FOR SIGN PANELS WITH DIMENSION (H) UNDER 36", DIMENSION E SHALL BE 4"
- SIGN STRINGER MATERIAL SHALL CONSIST OF STEEL CHANNEL POST SECTIONS, WEIGHING 1.12 LBS/FT IN ACCORDANCE WITH SECTION 633.2.1 OF THE STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION.
- SEE SIGN PLATE A4-8 FOR SIGN STRINGER BOLTING REQUIREMENTS.

SIGN WIDTH	STRINGER WIDTH	POSTS	HOLE SPACING	MOUNTING HOLES
78"	72"	2	16"	15" 31" 47" 63"
84"	72"	2	17"	16½" 33½" 50½" 67½"
90"	72"	2	18"	18" 36" 54" 72"
96"	90"	2	19"	19½" 38½" 57½" 76½"
102"	90"	2	20"	21" 41" 61" 81"
108"	90"	2	21"	22½" 43½" 64½" 85½"
114"	108"	3	15"	12" 27" 42" 57" 72" 87" 102"
120"	108"	3	16"	12" 28" 44" 60" 76" 92" 108"
126"	108"	3	17"	12" 29" 46" 63" 80" 97" 114"
132"	126"	3	18"	12" 30" 48" 66" 84" 102" 120"
138"	126"	3	19"	12" 31" 50" 69" 88" 107" 126"
144"	126"	3	20"	12" 32" 52" 72" 92" 112" 132"

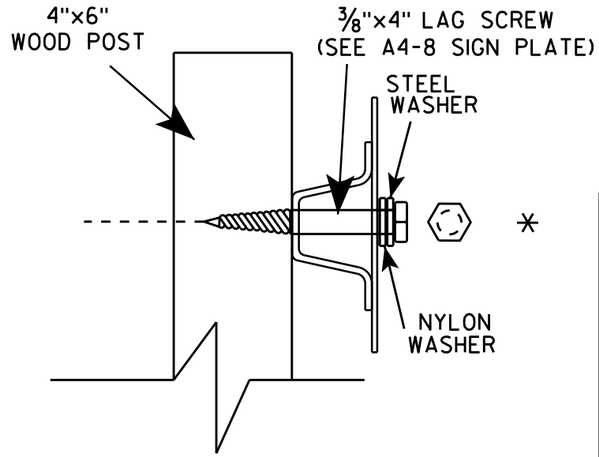


STRINGER

CROSS SECTION VIEW OF CHANNEL



POST MOUNTING



SIGN STRINGER MOUNTING REQUIREMENTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch

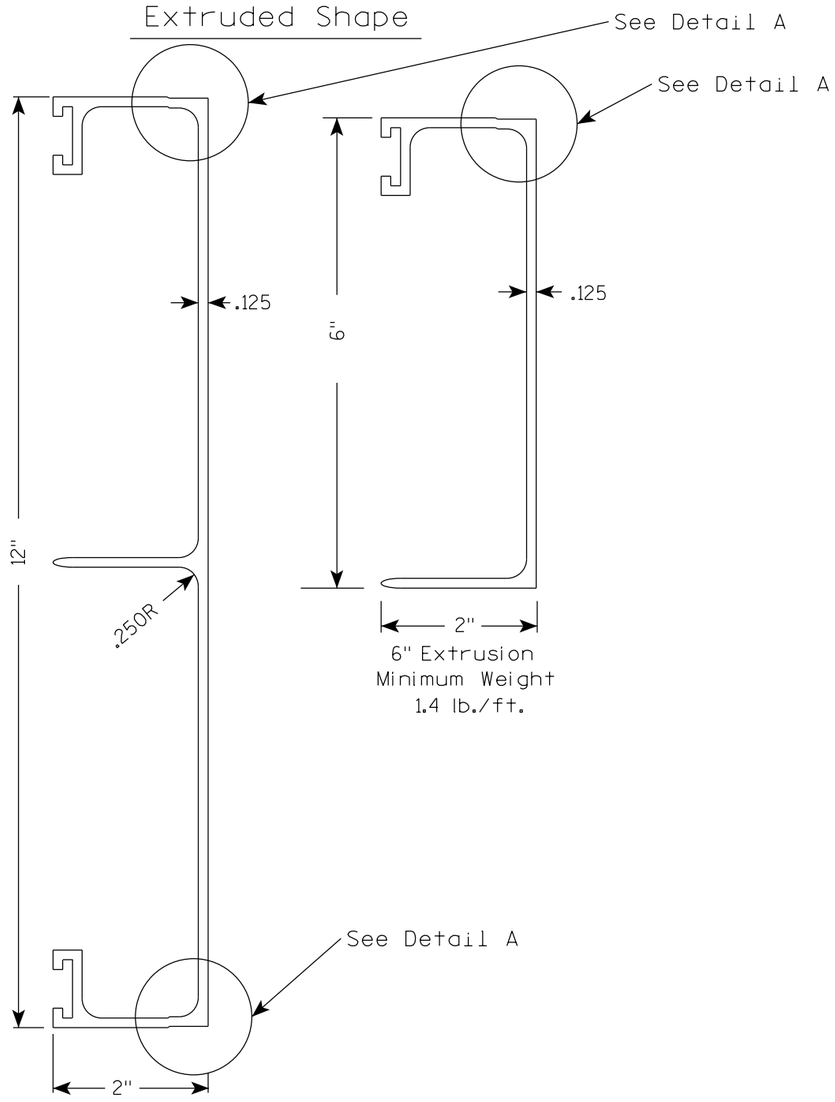
for State Traffic Engineer

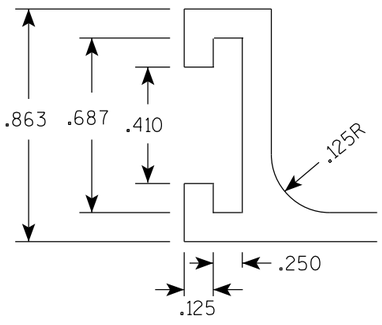
DATE 4/26/16 PLATE NO A4-18.1

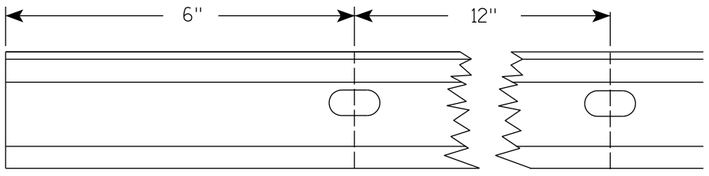
PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\A418.dgn PLOT DATE : 27-APR-2016 13:56 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : 41.805205:1.000000 WISDOT/CADDS SHEET 42

Extruded Shape







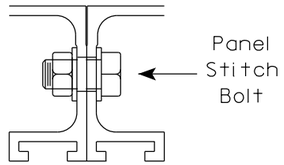
Punch 7/16" x 7/8" oval holes beginning 6" in from end of extrusion 12" CC on both edges of 6" and 12" panels.

Hardware

STITCH BOLT, WASHER & NUT

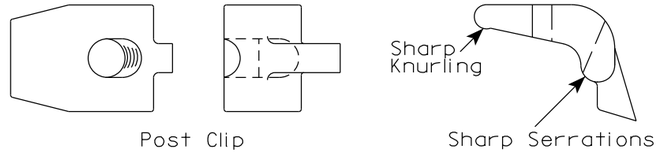
The hardware includes:

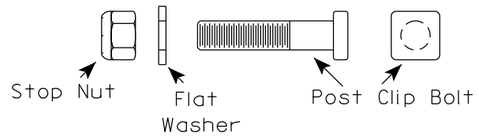
3/8 " - 16 X 3/4 " Economy Bolt 2024-T4 alloy
3/8 " - Stainless steel stop nut
3/8" X .064 Flat Washers, Alclad 2024-T4 alloy



POST CLIP, POST CLIP BOLT, WASHER & NUT

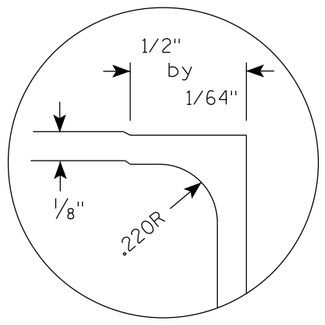
Post Clip shall be Alum. Alloy 356-T6
Post Clip Bolt shall be Stainless Steel.
Flat washer shall be 3/8" X .091, Stainless Steel.
Stop nut shall be stainless steel.





NOTES

1. The contractor may select any brand of extrusion that conforms to the illustrations or meets with the approval of the engineer, but all extrusions used on this contract shall be of the same brand.
2. Panel Stitch Bolts shall be used to assemble adjacent panels. Maximum stitch bolt spacing shall be 24" C-C, and a minimum of 4 bolts shall be used to connect any two extrusions.
3. Post Clips shall be used to attach the sign panel to the sign support.
4. Edge wrapping of sign sheeting required on all extrusions joints shown in Detail A.



DETAIL A (EDGE WRAP JOINT)

ALUMINUM EXTRUSIONS FOR TYPE I SIGNS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 1/07/20 PLATE NO. A5-2.10

PROJECT NO:

SHEET NO: 717 E

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A52.DGN PLOT DATE : 7-Jan-2020 PLOT BY : dotc4c

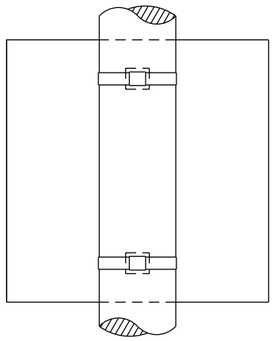
WISDOT/CADDS SHEET 42

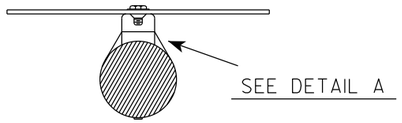
7

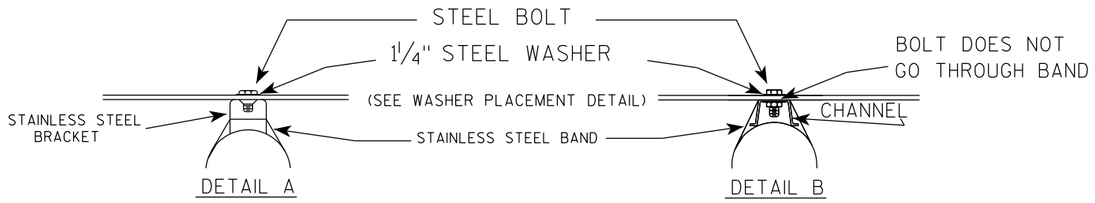
7

BANDING

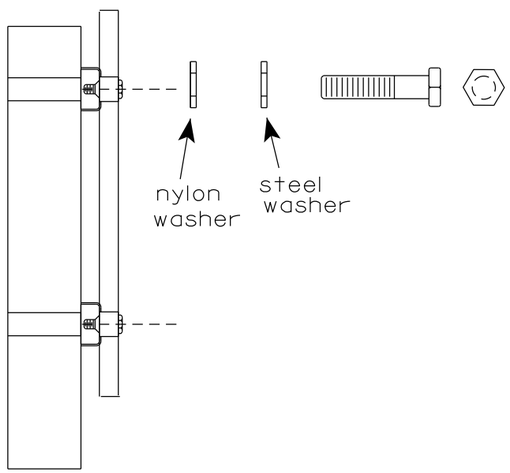
SINGLE SIGN







WASHER PLACEMENT

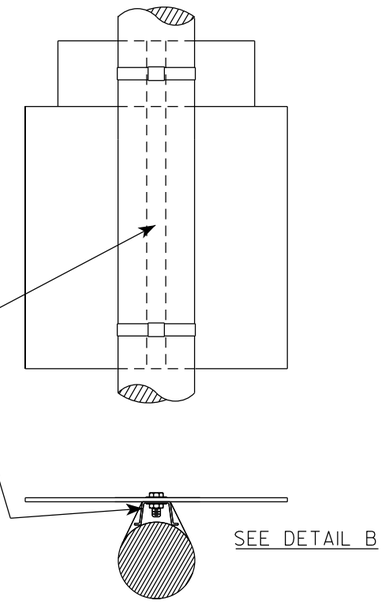


WASHERS (ALL POSTS) -
1-1/4" O.D. X 3/8" I.D. X 1/16" STEEL
1-1/4" O.D. X 3/8" I.D. X .080 NYLON
FOR ALL TYPE H SIGNS

GENERAL NOTES

1. Any sign over 3 feet in width shall use the V-Block banding method. See A5-10 standard plate.
2. Signs 3 feet or greater in height shall have three bracket bands installed. Signs less than 3 feet in height shall have two bracket bands installed.
3. Banding and assembly bracket shall be stainless steel. All bands shall be ¾" in width and 0.025" thickness.
4. ALL SIGN MOUNTING BOLTS AND WASHERS SHALL BE EITHER:
   a. Hot dip or mechanically galvanized in accordance with ASTM Designation: A 153, Class D
   b. Electro-galvanized in accordance with ASTM designation: B 633, Type III, SC 3

"J" ASSEMBLY



STANDARD SIGN
SIGN BANDING DETAILS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

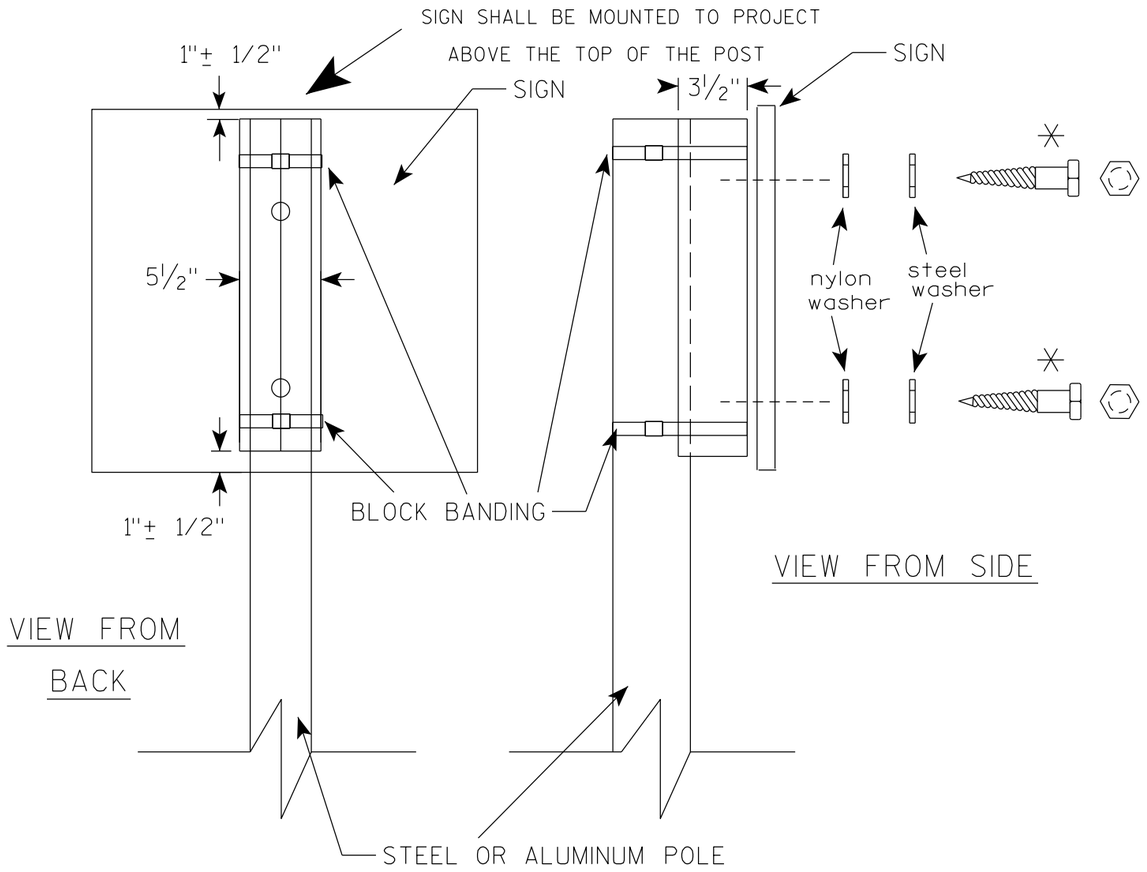
DATE 6/10/19 PLATE NO. A5-9.4

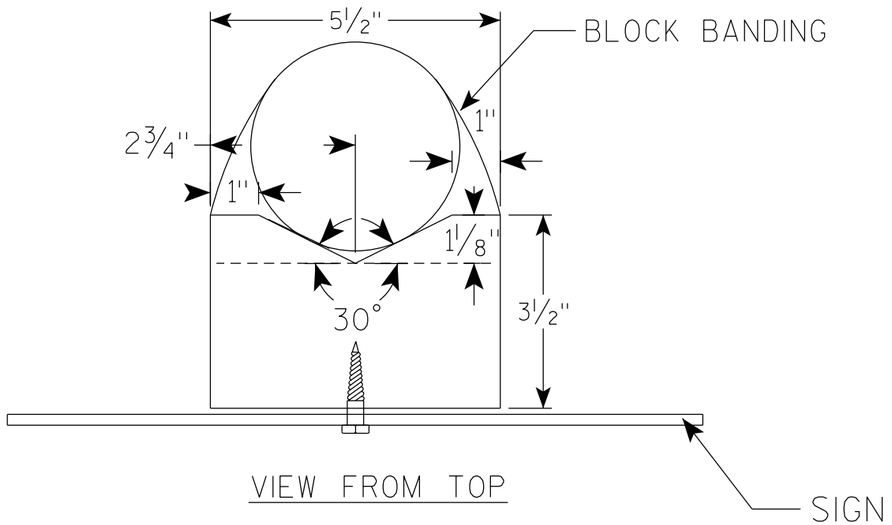
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 718	E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\A59.dgn PLOT DATE : 10-JUN 2019 4:10 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42

7

7





GENERAL NOTES

1. WOOD 4"X6" POST MATERIAL SHALL CONFORM TO 507.2.2 OF THE WisDOT STANDARD SPECIFICATIONS
2. BLOCK BANDING AND CLIPS SHALL BE STAINLESS STEEL, ¾" WIDTH AND 0.025" THICKNESS
3. SIGNS 3' OR GREATER IN HEIGHT SHALL UTILIZE 3 BLOCK BANDS. SIGNS UNDER 3' IN HEIGHT SHALL UTILIZE 2 BLOCK BANDS
4. ACTUAL NUMBER OF FASTENERS PER SIGN VARIES WITH THE SIGN AREA, BUT NORNALLY THERE ARE TWO. FOR SIGNS GREATER THAN 9 S.F. 3 FASTENERS SHALL BE USED.
5. ALL SIGN MOUNTING BOLTS AND WASHERS SHALL BE EITHER:
   a. Hot dip or mechanically galvanized in accordance with ASTM Designation: A 153, Class D
   b. Electro-galvanized in accordance with ASTM Designation : B 633, TYPE III, SC 3
6. ALL BOLTS SHALL HAVE HEXAGONAL HEADS.
7. STEEL WASHERS SHALL BE 1¼" O.D. X ⅜" I.D. X 1/16"
8. NYLON WASHERS SHALL BE 1¼" O.D. X ⅜" I.D. X .080 FOR TYPE H OR TYPE F FACE SIGN

✳ LAG BOLTS SHALL BE ⅜" X 2½"

BLOCK BANDING DETAIL (V-BLOCK OPTION)

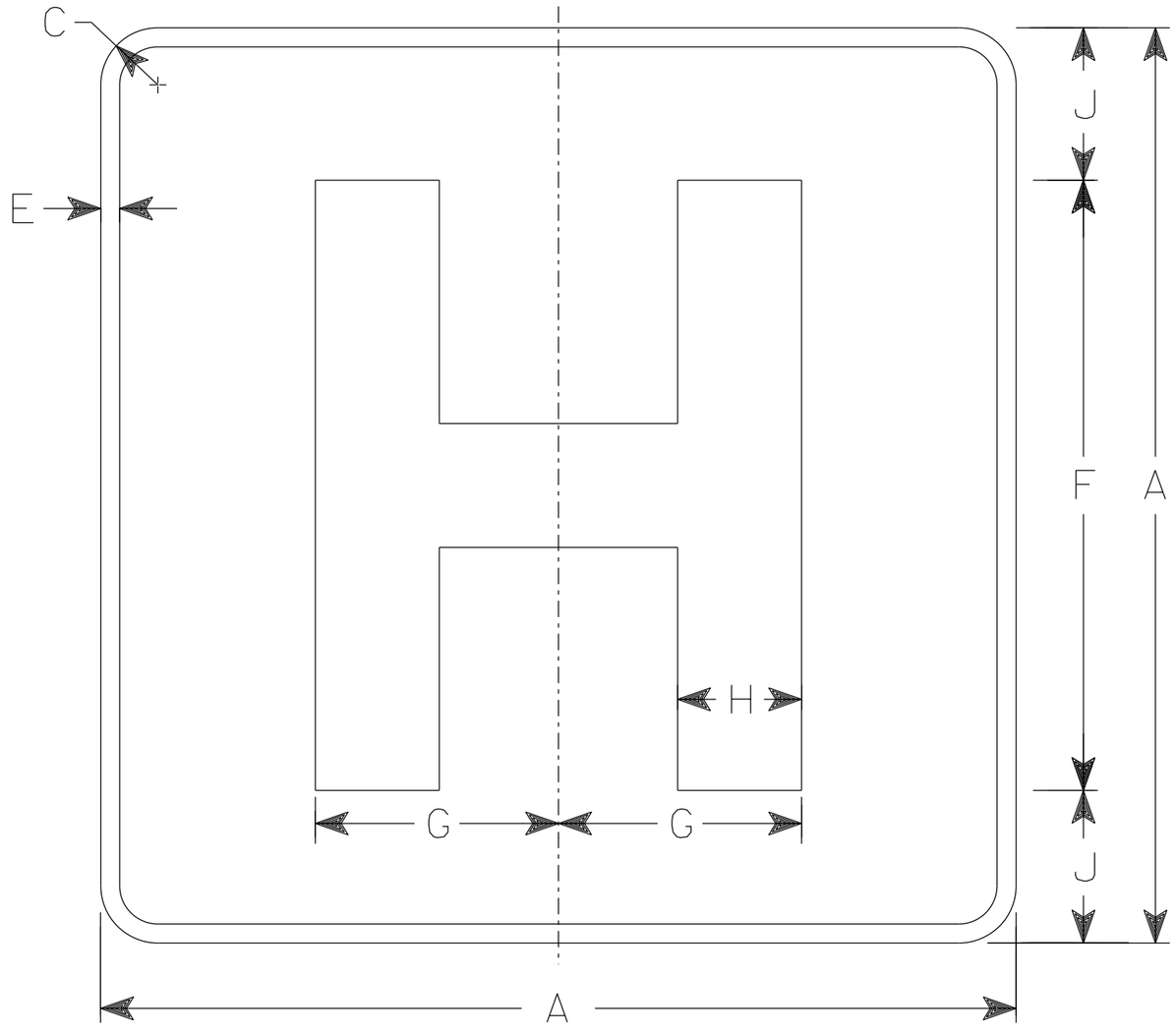
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 4/19/2022 PLATE NO. A5-10.3

PROJECT NO:

SHEET NO: 719 E



D9-2

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - Blue
   Message - White
3. Message Series - E Modified
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	18		1 1/2		1/2	12	4 3/4	2 3/8		3																	2.25
2S	24		1 1/2		1/2	16	6 3/8	3 1/4		4																	4.0
2M	24		1 1/2		1/2	16	6 3/8	3 1/4		4																	4.0
3	36		2 1/4		3/4	24	9 1/2	4 7/8		6																	9.0
4																											
5																											

STANDARD SIGN
D9-2

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

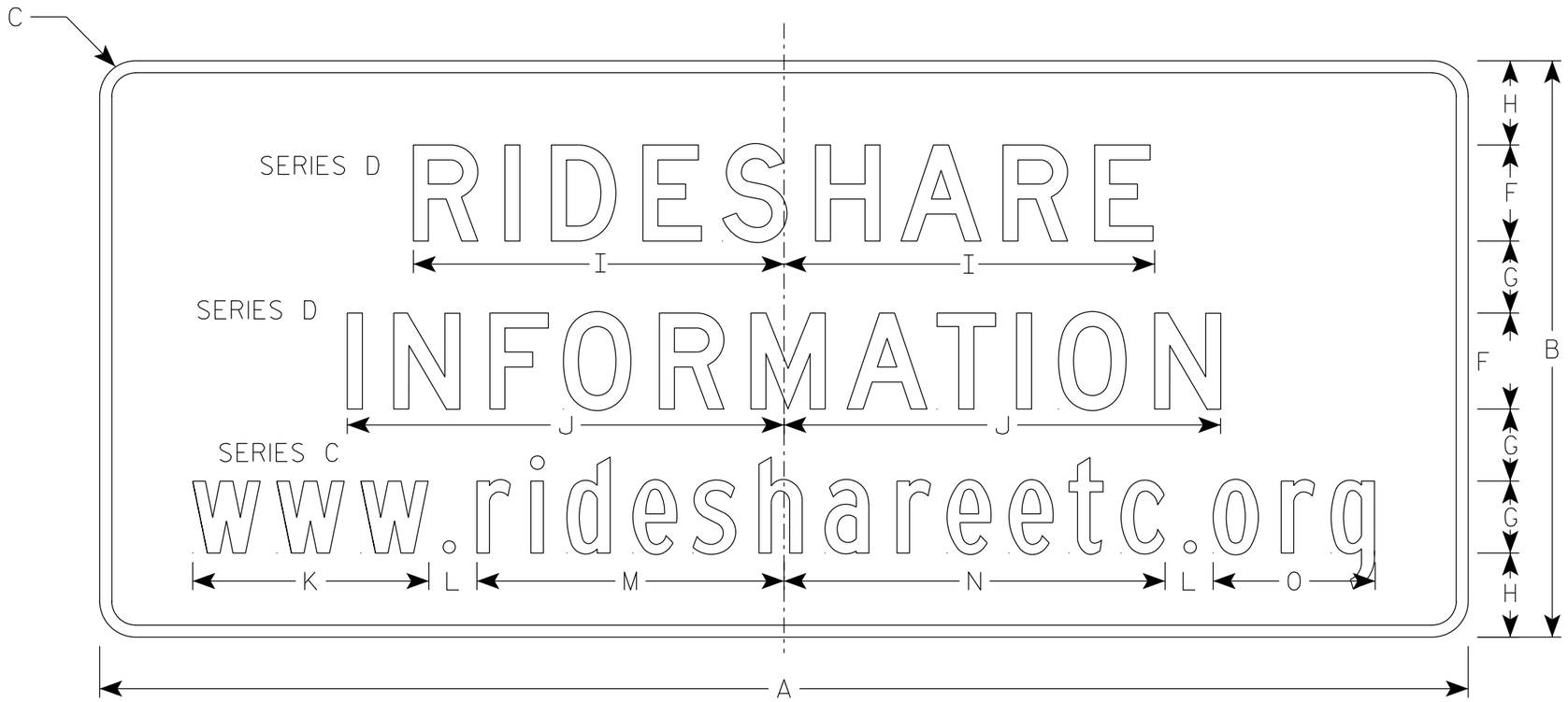
DATE 1/25/2023 PLATE NO. D9-2.6

PROJECT NO:

SHEET NO: 720 E

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - Blue
   Message - White
3. Message Series - Lines 1 & 2 are Series D and Line 3 is Series C



D12-2B

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	84	36	2 1/4		3/4	6	4 1/2	5 1/4	24 1/4	28 5/8	14 3/4	3	19 1/4	23 7/8	10 1/8												21.0
2M	84	36	2 1/4		3/4	6	4 1/2	5 1/4	24 1/4	28 5/8	14 3/4	3	19 1/4	23 7/8	10 1/8												21.0
3	84	36	2 1/4		3/4	6	4 1/2	5 1/4	24 1/4	28 5/8	14 3/4	3	19 1/4	23 7/8	10 1/8												21.0
4	114	48	3		1	8	6	7	30 7/8	36 3/8	19 3/4	4 1/4	25 5/8	31 3/4	13 1/2												38.0
5	114	48	3		1	8	6	7	30 7/8	36 3/8	19 3/4	4 1/4	25 5/8	31 3/4	13 1/2												38.0

STANDARD SIGN
D12-2B

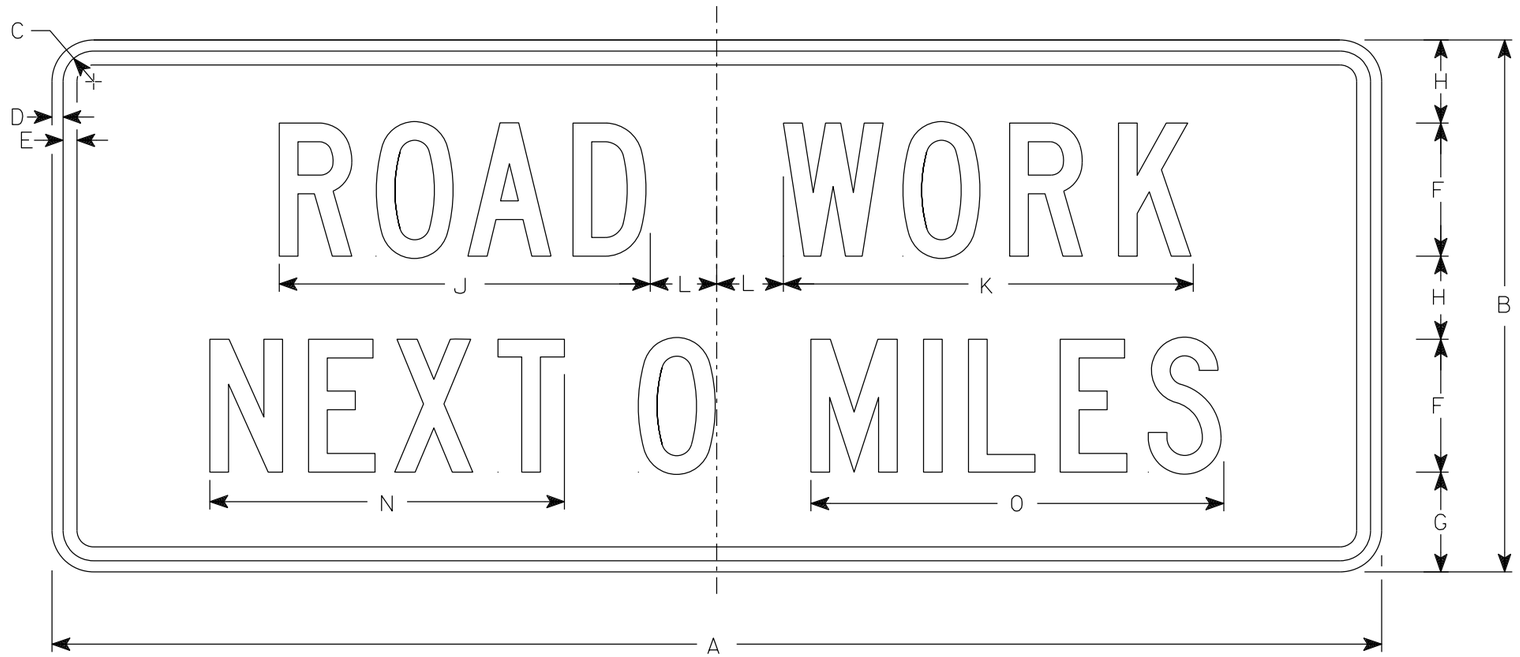
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 3/6/24 PLATE NO. D12-2B.4

PROJECT NO:

SHEET NO: 721 E



G20-1

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Round distance to nearest whole Mile and substitute appropriate numerals and optically adjust spacing to achieve proper balance

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	60	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4		16 3/4	18 1/2	3		16	18 5/8												10.0
2M	60	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4		16 3/4	18 1/2	3		16	18 5/8												10.0
3	60	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4		16 3/4	18 1/2	3		16	18 5/8												10.0
4	60	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4		16 3/4	18 1/2	3		16	18 5/8												10.0
5	60	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4		16 3/4	18 1/2	3		16	18 5/8												10.0

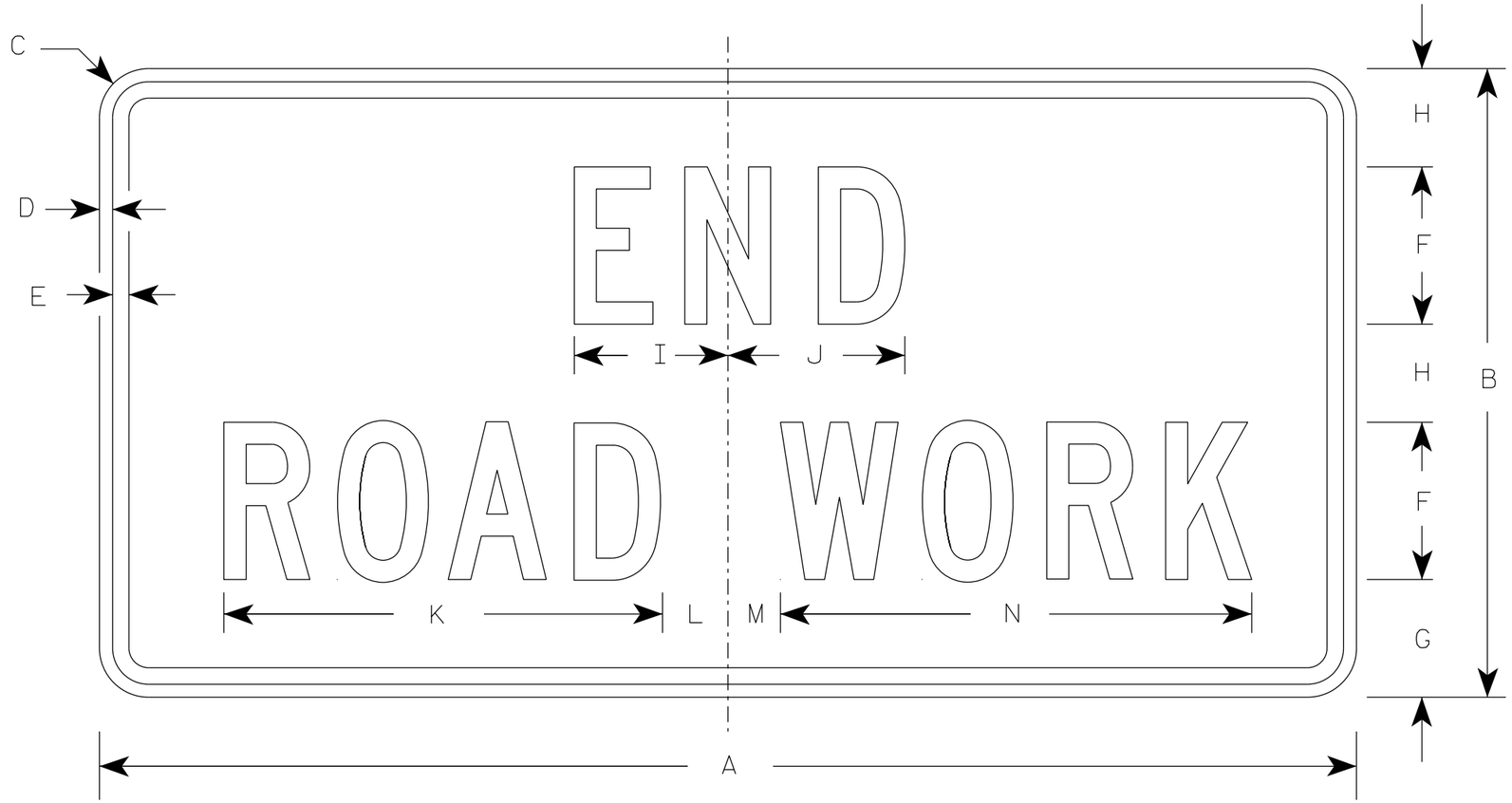
STANDARD SIGN
G20-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/26/2023 PLATE NO. G20-1.9

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 722	E



G20-2A

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36	18	1 1/2	3/8	1/2	4	3 3/4	2 1/2	4 1/8	4 1/8	11 1/8	2	1	12 1/8													4.5
2	48	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0
2M	48	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0
3	48	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0
4	48	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0
5	48	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0

STANDARD SIGN

G20-2A

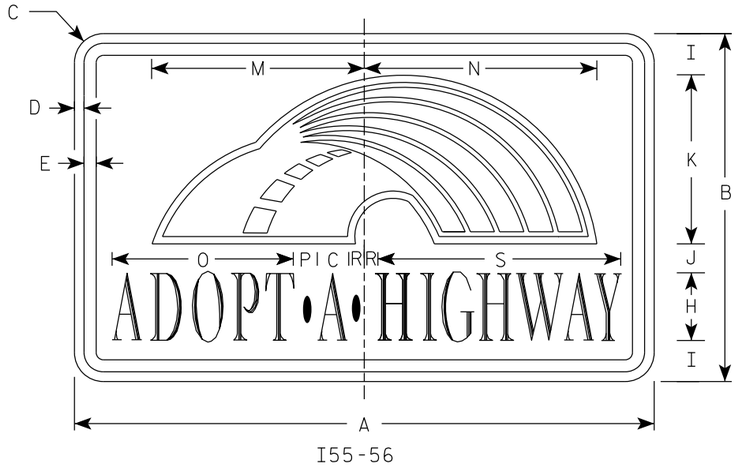
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

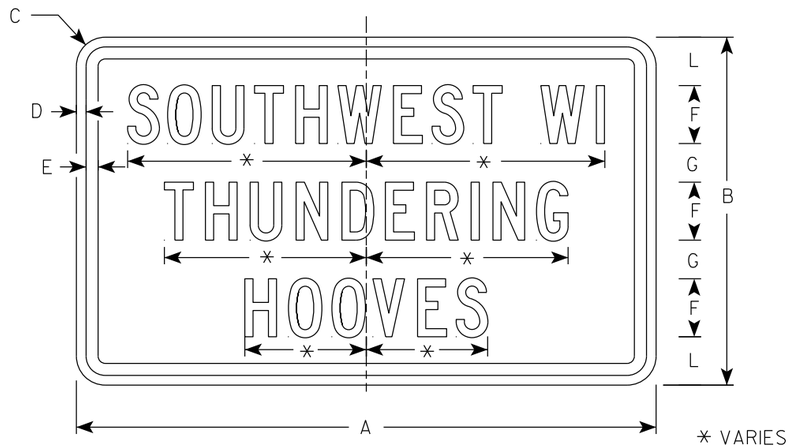
DATE 1/26/2023 PLATE NO. G20-2A.10

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 723 E

7



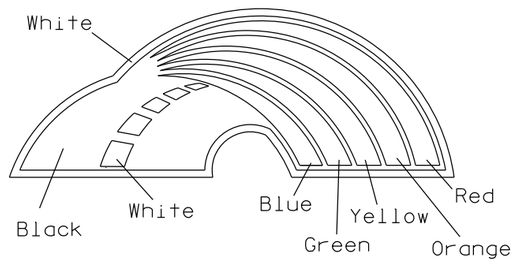
I55-56



I55-56P

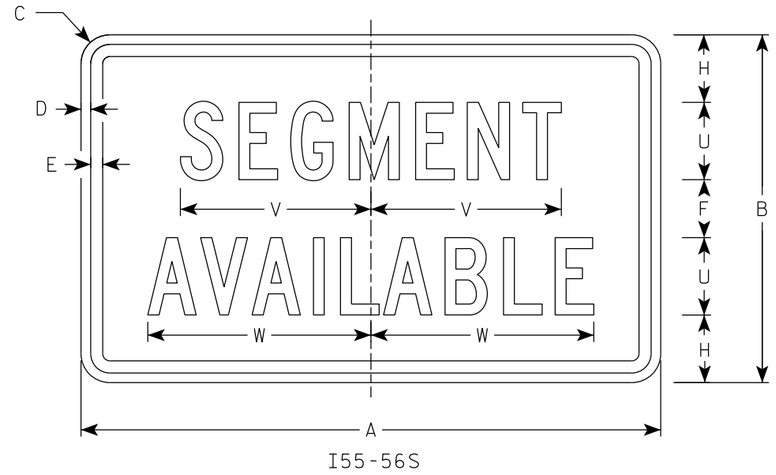
* VARIES

Background Colors of Symbol*



NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - Blue
   Message - White
   Rainbow detail - See Below
3. Message Series - Adopt a Highway - Dutch 8011L
   All other Text - Series C
4. Contractor shall provide and install a new post bracket in accordance with the I55-56B sign detail.



I55-56S

*1/4" Black Border between each color of rainbow and border of rainbow

*3/8" White Border surrounds the whole image of the rainbow

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	30	18	1 1/2	1/2	5/8	3	2	3 1/2	2 1/4	1 1/2	8 1/2	2 1/2	11	12	9 3/8	1 1/4		3/4	12 5/8	7 1/2	4	9 7/8	11 1/2				3.75
3																											
4																											
5																											

STANDARD SIGN
I55-56

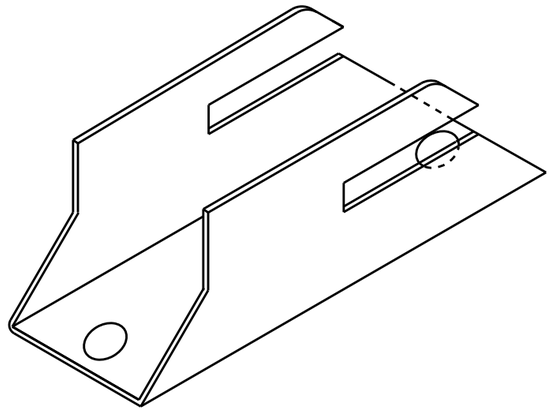
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

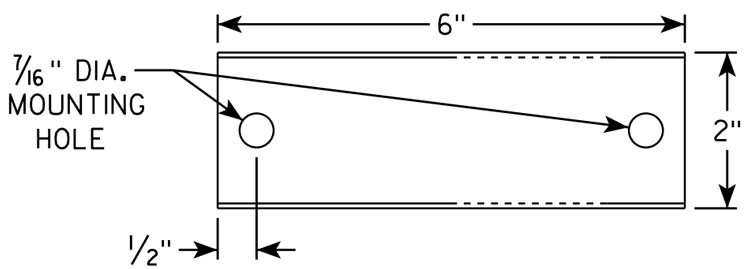
DATE 3/13/2025 PLATE NO. 155-56.5

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 724 | E

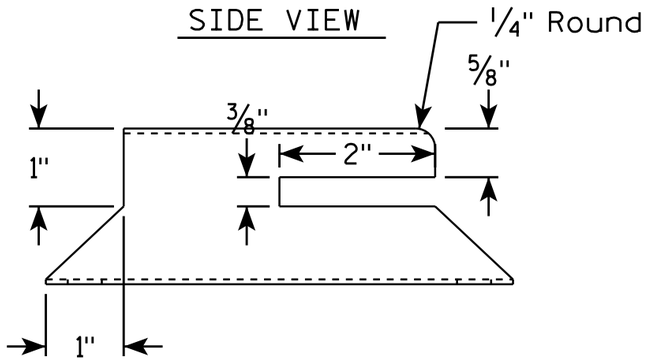
ISOMETRIC VIEW



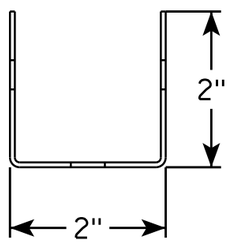
TOP VIEW



SIDE VIEW



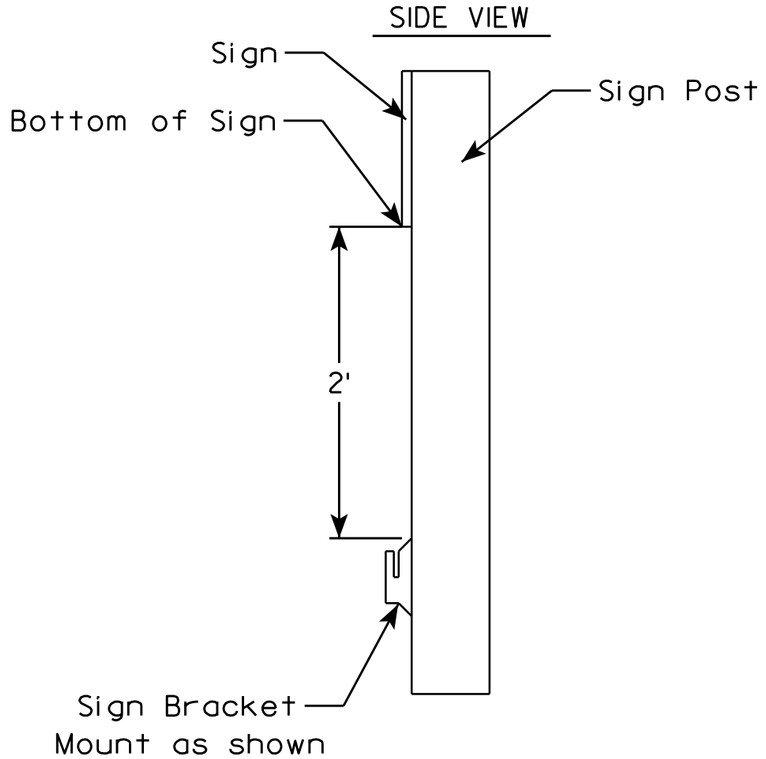
END VIEW



NOTES

1. Must be capable of permanent attachment to a wood or steel channel sign post utilizing the fastening hardware specified on the A4-8 sign plate.
2. Shall be entirely primed and painted with two coats of a black powder coated enamel paint.
3. Shall be made with 12 gauge steel, and incorporate no welds, no hinged components, no threaded lock-type components, and no parts which are loose or can be separated from the main body.
4. Shall have rounded edges with at least 1/8" radii.
5. Shall not have unrounded and uncoated metal edges which can contact the back surface of the roll-up sign.
6. Top of bracket shall be mounted 2' below the bottom of the I55-56 sign.
7. Cost of bracket and fastening hardware shall be incidental to the I55-56 sign.

SIDE VIEW



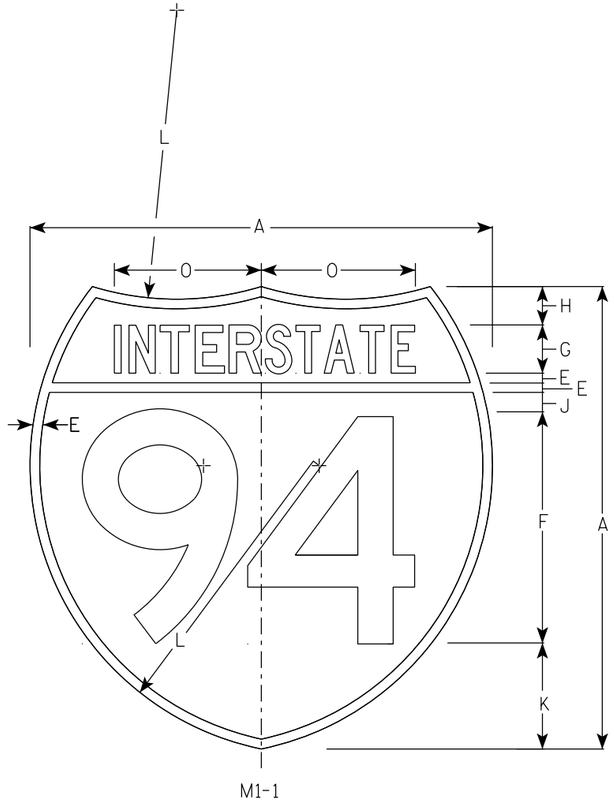
ROLLUP SIGN BRACKET
I55-56B

WISCONSIN DEPT OF TRANSPORTATION

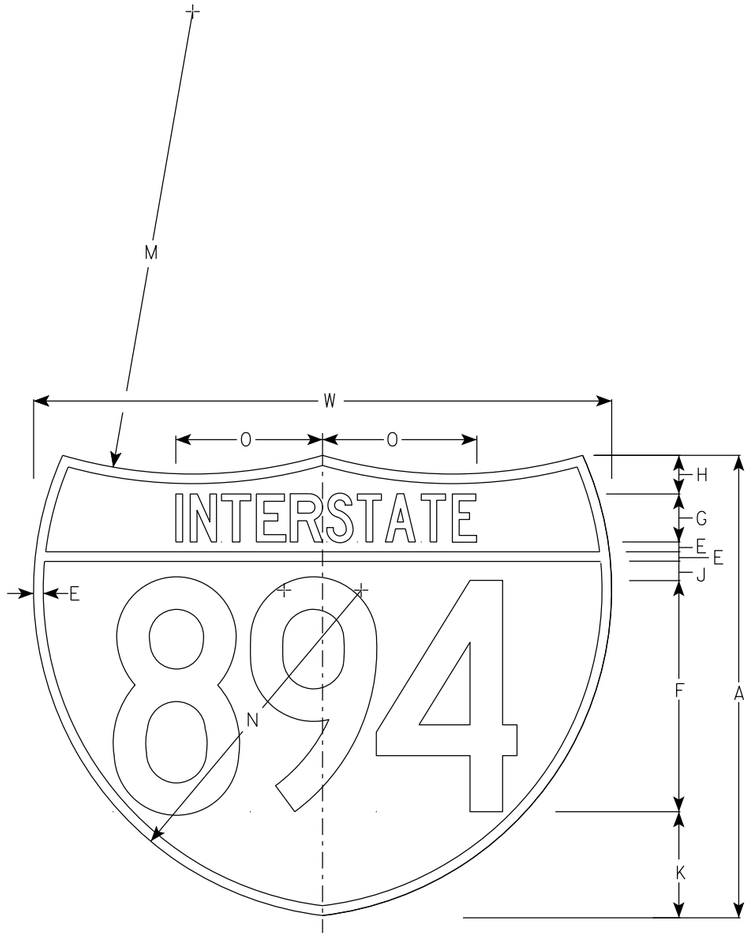
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 4/26/16 PLATE I55-56B.2

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E



M1-1



M1-1A

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - Top Red - Bottom Blue
   Message - White
3. Message Series - See note 5
4. Substitute appropriate numerals & ajust spacing as per plate A10-1.
5. M1-1 - Numerals - D
   Interstate - C
   M1-1A - All copy - C

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	M1-1 Area sq. ft.	M1-1A Area sq. ft.
1																											
2	24				1/2	12	2 1/2	2		1	5 1/2	15	24	17	7 7/8								30			3.13	3.91
2M	24				1/2	12	2 1/2	2		1	5 1/2	15	24	17	7 7/8								30			3.13	3.91
3	36				3/4	18	3 3/4	3		1 1/2	8 1/4	22 1/2	36	25 1/2	11 3/4								45			7.03	8.79
4	36				3/4	18	3 3/4	3		1 1/2	8 1/4	22 1/2	36	25 1/2	11 3/4								45			7.03	8.79
5	36				3/4	18	3 3/4	3		1 1/2	8 1/4	22 1/2	36	25 1/2	11 3/4								45			7.03	8.79

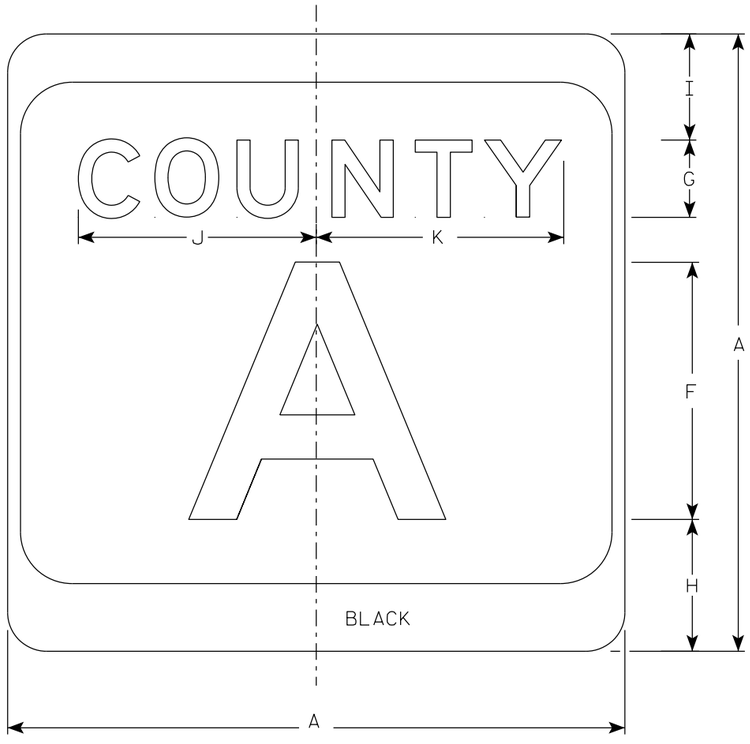
INTERSTATE ROUTE MARKER M1-1 FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

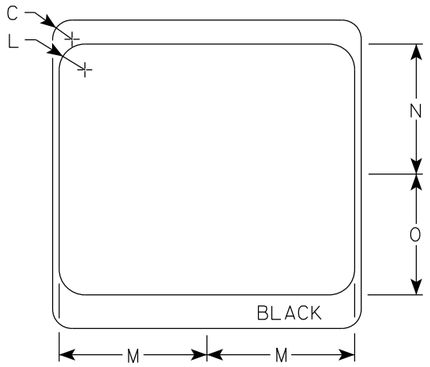
APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 11/7/2022 PLATE NO. M1-1.9

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 726 | E

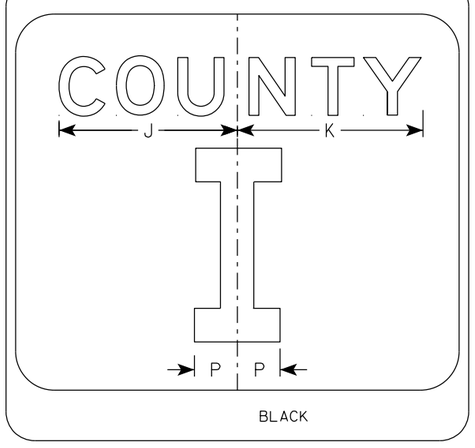


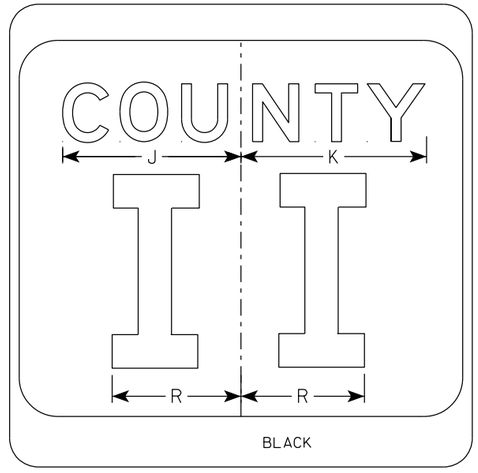
M1-5A



NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White & Black
   Message - Black
3. Message Series - see Note 4
4. Message Series E for 1 letter.
   Message Series D for 2 letters unless message is too big then Series C.
   Message Series C for 3 letters unless message is too big then Series B.
5. Substitute appropriate letters & optically center to achieve proper balance.





SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24		1 1/2			10	3	5 1/8	4 1/8	9 1/4	9 5/8	2	11 1/2	10 1/8	9 3/8	2 1/4		6 5/8									4.0
2M	24		1 1/2			10	3	5 1/8	4 1/8	9 1/4	9 5/8	2	11 1/2	10 1/8	9 3/8	2 1/4		6 5/8									4.0
3	36		2 1/4			16	4	7 5/8	5 5/8	12 1/4	12 7/8	3	17 1/8	15 1/4	14	3 3/8		10									9.0
4	36		2 1/4			16	4	7 5/8	5 5/8	12 1/4	12 7/8	3	17 1/8	15 1/4	14	3 3/8		10									9.0
5	36		2 1/4			16	4	7 5/8	5 5/8	12 1/4	12 7/8	3	17 1/8	15 1/4	14	3 3/8		10									9.0

CTH MARKER
M1-5A FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

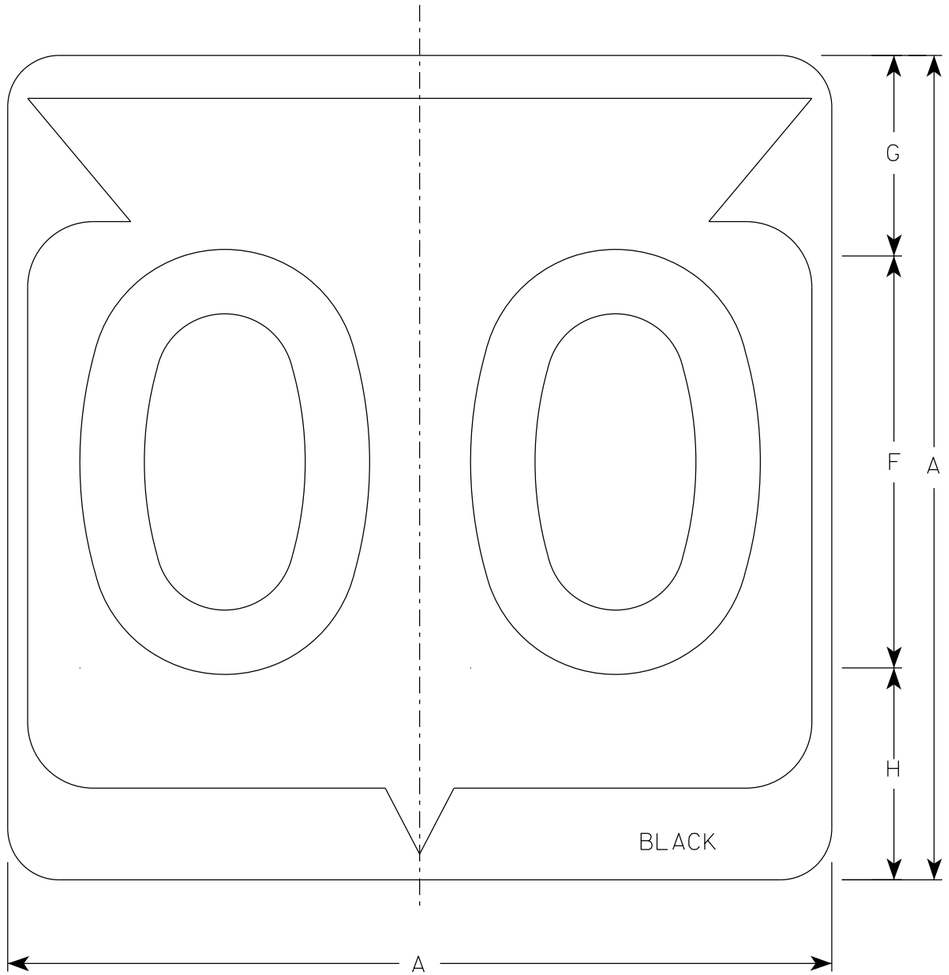
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/8/2022 PLATE NO. M1-5A.9

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\M15A.dgn PLOT DATE : 8-NOV 2022 8:26 PLOT BY : dotc4c PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42

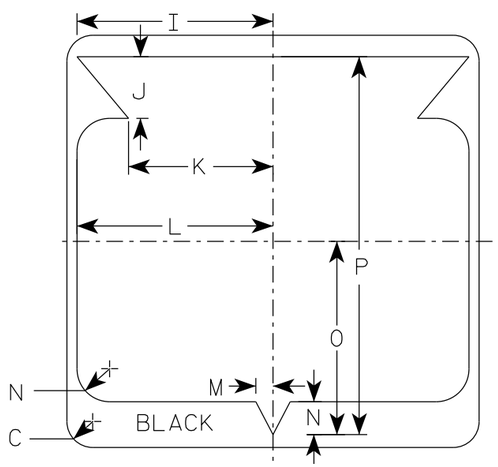
7



M1-6

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D except 3 number signs Series C



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24		1 1/2			12	5 1/2	6 1/2	10 1/4	2 1/2	8 7/8	11 1/2	1	1 7/8	11 1/4	21 7/8											4.0
2M	24		1 1/2			12	5 1/2	6 1/2	10 1/4	2 1/2	8 7/8	11 1/2	1	1 7/8	11 1/4	21 7/8											4.0
3	36		2 1/4			18	8 3/4	9 1/4	15 3/8	5 3/8	12 5/8	17 1/8	1 1/2	2 7/8	16 7/8	33											9.0
4	36		2 1/4			18	8 3/4	9 1/4	15 3/8	5 3/8	12 5/8	17 1/8	1 1/2	2 7/8	16 7/8	33											9.0
5	36		2 1/4			18	8 3/4	9 1/4	15 3/8	5 3/8	12 5/8	17 1/8	1 1/2	2 7/8	16 7/8	33											9.0

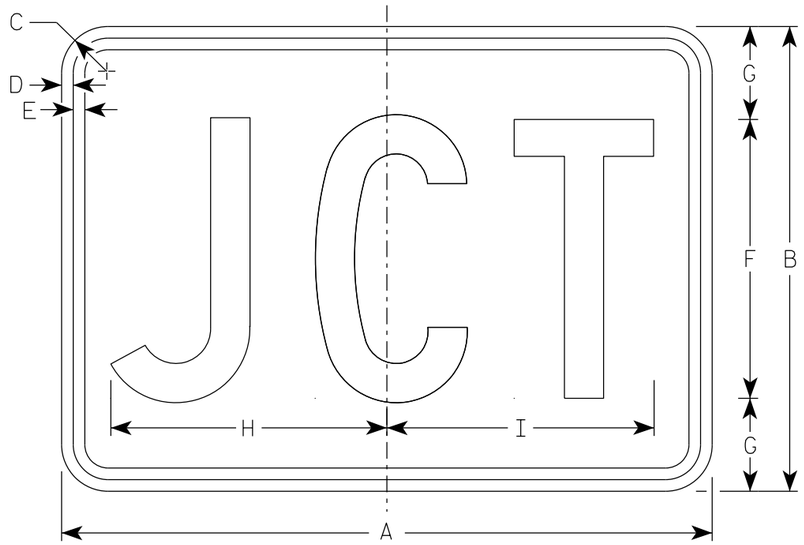
STATE ROUTE MARKER
M1-6 FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

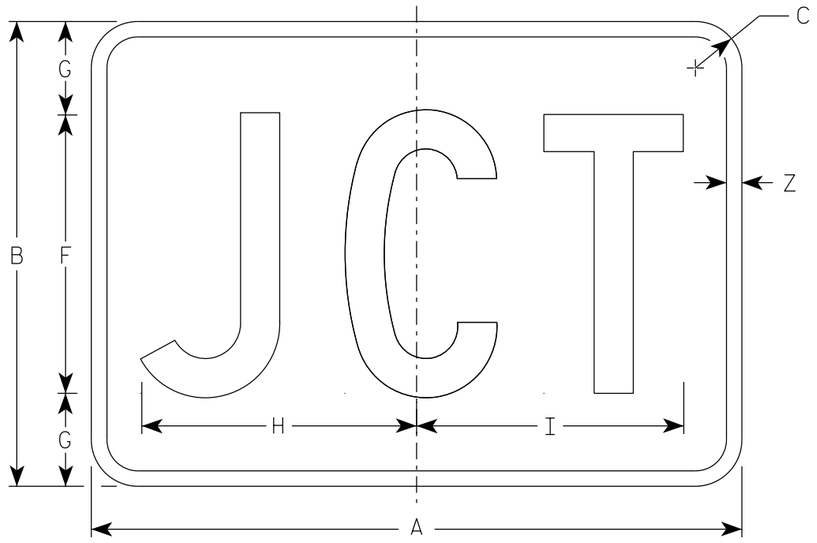
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/8/2022 PLATE NO. M1-6.11

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 728	E



M2-1
MM2-1
MP2-1



MB2-1
MK2-1
MN2-1
MR2-1

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - See note 5
   Message - See note 5
3. Message Series - C
4. M2-1 Background - White
   Message - Black
   MB2-1 Background - Blue
   Message - White
   MK2-1 Background - Green
   Message - White
   MM2-1 Background - White
   Message - Green
   MN2-1 Background - Brown
   Message - White
   MP2-1 Background - White
   Message - Blue
   MR2-1 Background - Brown
   Message - Yellow

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	21	15	1 1/2	3/8	3/8	9	3	8 7/8	8 5/8																	1/2	2.20
2M	21	15	1 1/2	3/8	3/8	9	3	8 7/8	8 5/8																	1/2	2.20
3	30	21	1 1/2	3/8	3/8	13	4	12 7/8	12 3/8																	1/2	4.40
4	30	21	1 1/2	3/8	3/8	13	4	12 7/8	12 3/8																	1/2	4.40
5	30	21	1 1/2	3/8	3/8	13	4	12 7/8	12 3/8																	1/2	4.40

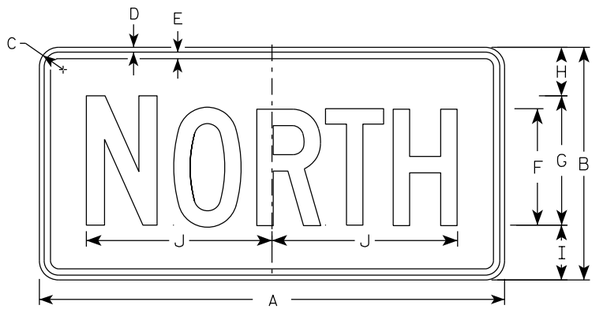
STANDARD SIGN
M2-1

WISCONSIN DEPT OF TRANSPORTATION

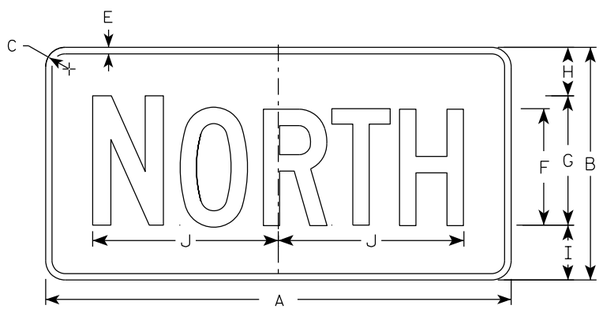
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/8/2023 PLATE NO. M2-1.14

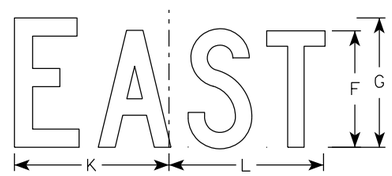
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 729 | E



M3-1
MM3-1
MP3-1

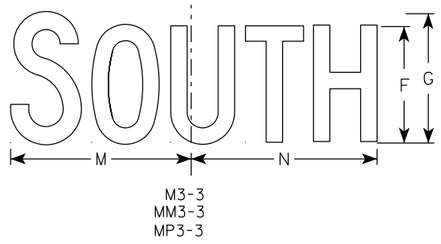


MB3-1
MK3-1
MN3-1

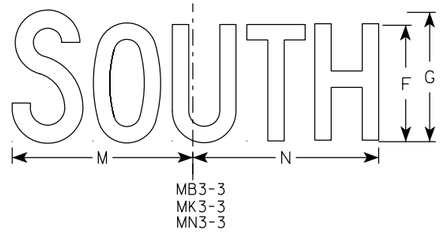


M3-2
MM3-2
MP3-2

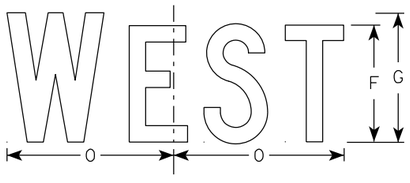
MB3-2
MK3-2
MN3-2



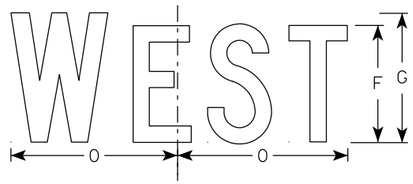
M3-3
MM3-3
MP3-3



MB3-3
MK3-3
MN3-3



M3-4
MM3-4
MP3-4



MB3-4
MK3-4
MN3-4

NOTES

1. All Signs Type II - Type H Reflective
2. Color:
   Background - See note 5
   Message - See note 5
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. M3-1 thru M3-4 Background - White
   Message - Black
   MB3-1 thru MB3-4 Background - Blue
   Message - White
   MK3-1 thru MK3-4 Background - Green
   Message - White
   MM3-1 thru MM3-4 Background - White
   Message - Green
   MN3-1 thru MN3-4 Background - Brown
   Message - White
   MP3-1 thru MP3-4 Background - White
   Message - Blue
6. Note the first letter of each direction is larger than the remainder of the message.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	12	1 1/2	3/8	3/8	6	7	2 1/4	2 3/4	10 1/4	7 7/8	8 3/8	10 1/4	9 3/4	8 3/4												2.00
2M	24	12	1 1/2	3/8	3/8	6	7	2 1/4	2 3/4	10 1/4	7 7/8	8 3/8	10 1/4	9 3/4	8 3/4												2.00
3	36	18	1 1/2	3/8	1/2	9	10	3 3/4	4 1/4	14 3/8	12	12 1/8	14	14 1/8	13												4.5
4	36	18	1 1/2	3/8	1/2	9	10	3 3/4	4 1/4	14 3/8	12	12 1/8	14	14 1/8	13												4.5
5	36	18	1 1/2	3/8	1/2	9	10	3 3/4	4 1/4	14 3/8	12	12 1/8	14	14 1/8	13												4.5

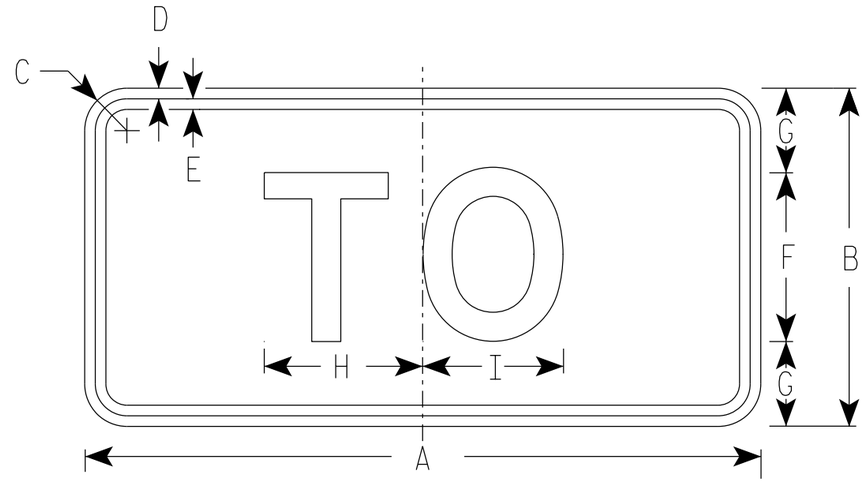
STANDARD SIGNS
M3-1 THRU M3-4
SERIES

WISCONSIN DEPT OF TRANSPORTATION

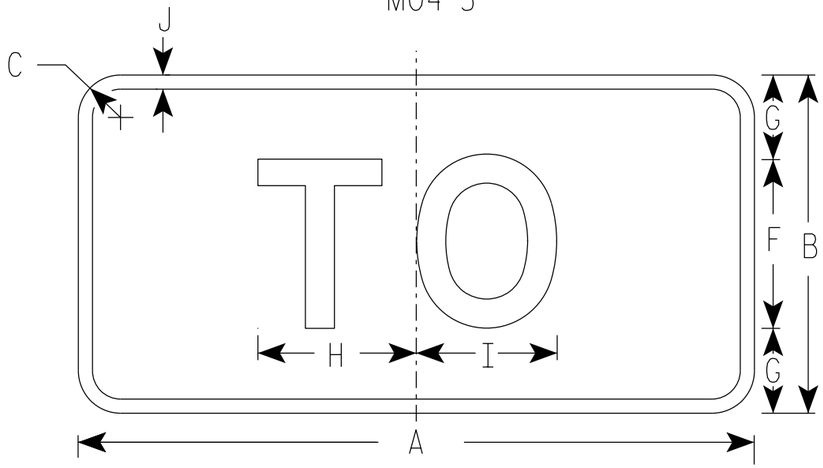
APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 2/8/2023 PLATE NO. M3-1.15

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 730 | E



M4-5
MM4-5
MP4-5
M04-5



MB4-5
MK4-5
MN4-5

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - See note 5
   Message - See note 5
3. Message Series - E
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. M4-5 Background - White
   Message - Black

   MB4-5 Background - Blue
   Message - White

   MK4-5 Background - Green
   Message - White

   MM4-5 Background - White
   Message - Green

   MN4-5 Background - Brown
   Message - White

   MP4-5 Background - White
   Message - Blue

   M04-5 Background - Orange Type F Reflective
   Message - Black

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	12	1 1/2	3/8	3/8	6	3	5 3/8	5 1/4	1/2																	2.00
2M	24	12	1 1/2	3/8	3/8	6	3	5 3/8	5 1/4	1/2																	2.00
3	36	18	1 1/2	3/8	1/2	9	4 1/2	8 1/4	8 3/8	1/2																	4.5
4	36	18	1 1/2	3/8	1/2	9	4 1/2	8 1/4	8 3/8	1/2																	4.5
5	36	18	1 1/2	3/8	1/2	9	4 1/2	8 1/4	8 3/8	1/2																	4.5

STANDARD SIGN
M4-5

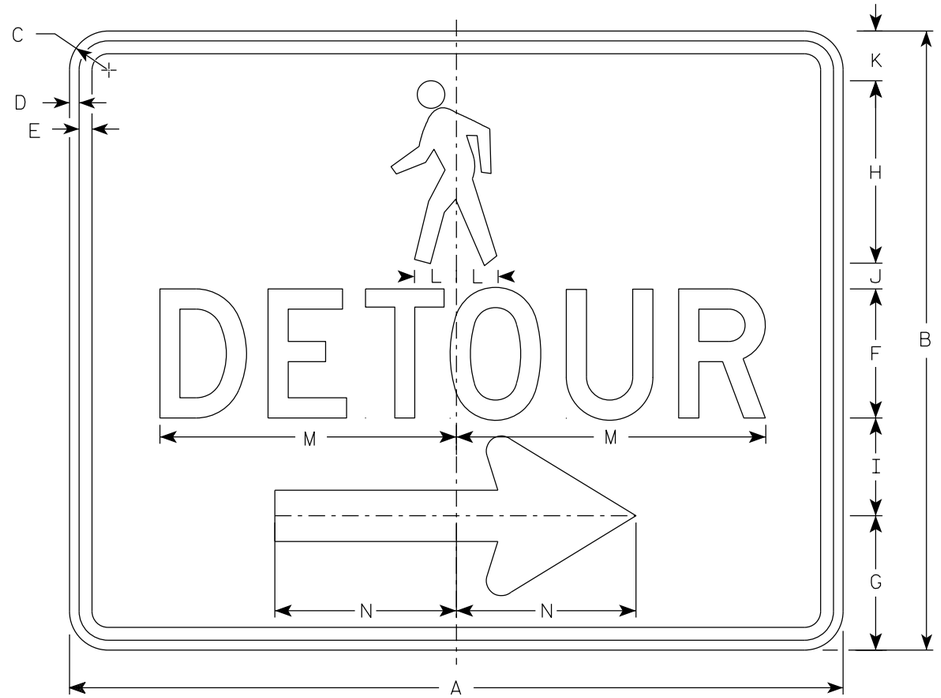
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/8/2023 PLATE NO. M4-5.11

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 731 E

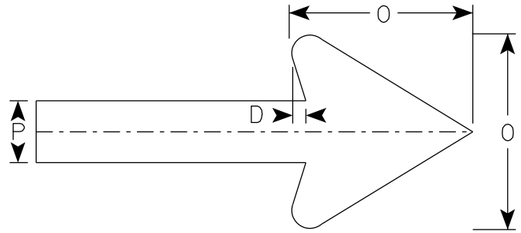
7



M4-9BR

NOTES

1. Sign is Type II-Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. M4-9BL is the same as M4-9BR except the arrow is reversed.



Arrow Detail

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	24	1 1/2	3/8	1/2	5	5 1/4	7 1/8	3 3/4	1	1 1/8	1 5/8	11 3/4	7	6	2											5.0
2M	30	24	1 1/2	3/8	1/2	5	5 1/4	7 1/8	3 3/4	1	1 1/8	1 5/8	11 3/4	7	6	2											5.0
3																											
4																											
5																											

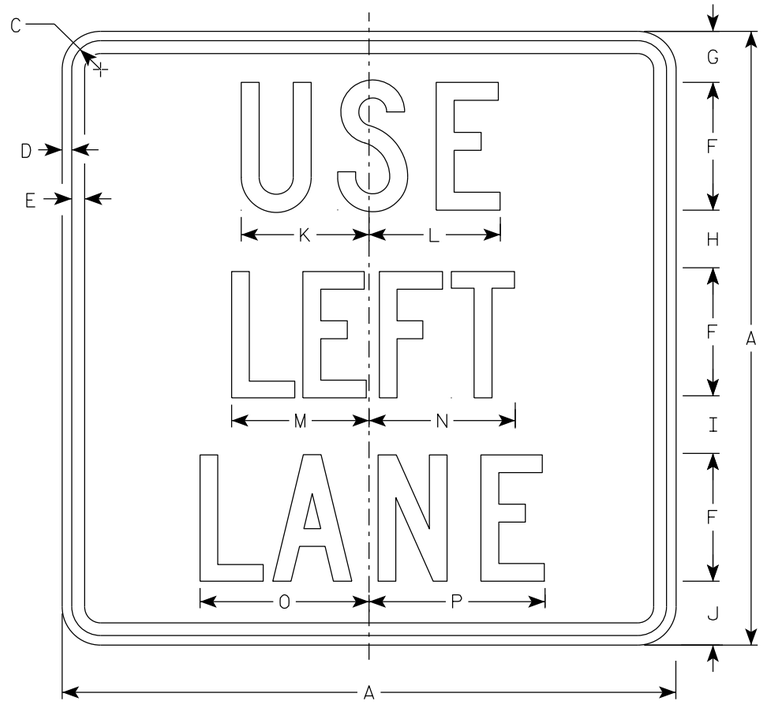
STANDARD SIGN
M4-9B L&R

WISCONSIN DEPT OF TRANSPORTATION

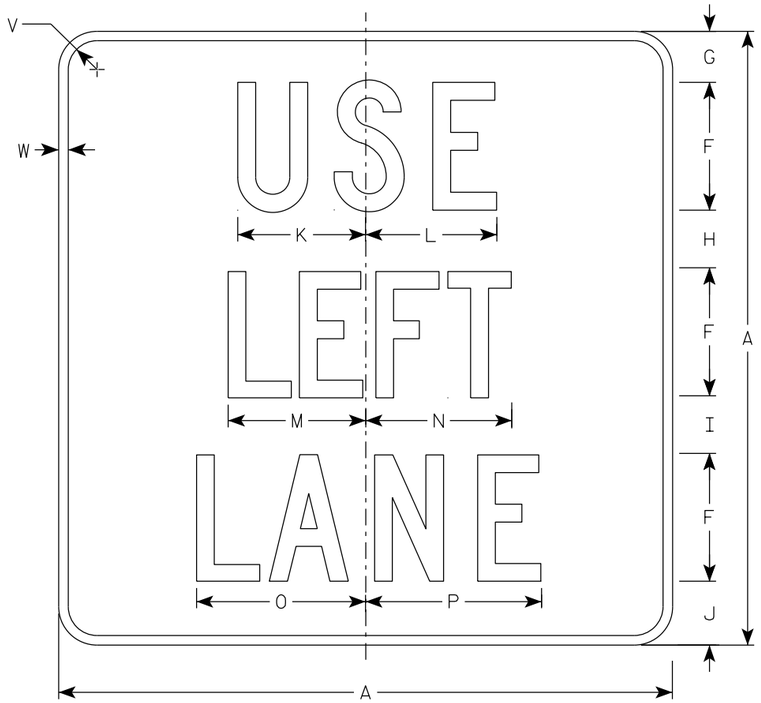
APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 2/9/2023 PLATE NO. M4-9B.4

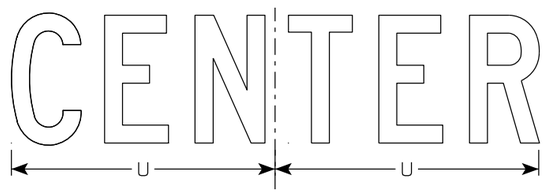
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 732 | E



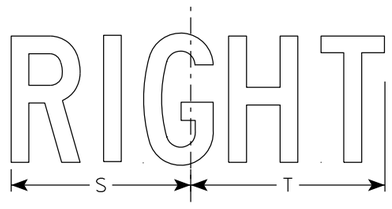
M4-20L
MM4-20L
MO4-20L
MP4-20L



MB4-20L
MK4-20L
MN4-20L
MR4-20L



M4-20C
MB4-20C
MK4-20C
MM4-20C
MN4-20C
MO4-20C
MP4-20C
MR4-20C



M4-20R
MB4-20R
MK4-20R
MM4-20R
MN4-20R
MO4-20R
MP4-20R
MR4-20R

NOTES

1. Sign is Type II - Type H except as Shown
2. Color:
   Background - See note 5
   Message - See note 5
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. M4-20 Background - White
   Message - Black
   MB4-20 Background - Blue
   Message - White
   MK4-20 Background - Green
   Message - White
   MM4-20 Background - White
   Message - Green
   MN4-20 Background - Brown
   Message - White
   MO4-20 Background - Orange - Type F Reflective
   Message - Black
   MP4-20 Background - White
   Message - Blue
   MR4-20 Background - Brown
   Message - Yellow

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24		1 1/2	3/8	1/2	5	2	2 1/4	2 1/4	2 1/2	5	5 1/8	5 3/8	5 3/4	6 5/8	6 7/8			7	7 5/8	10 1/4	1 1/2	1/2				4.0
2M	24		1 1/2	3/8	1/2	5	2	2 1/4	2 1/4	2 1/2	5	5 1/8	5 3/8	5 3/4	6 5/8	6 7/8			7	7 5/8	10 1/4	1 1/2	1/2				4.0
3	36		2 1/4	5/8	3/4	7	4	3	3 1/2	4 1/2	7 1/2	7 3/4	8	8 5/8	9 7/8	10 1/4			10 3/8	11 3/8	14 3/8	1 7/8	1/2				9.0
4	36		2 1/4	5/8	3/4	7	4	3	3 1/2	4 1/2	7 1/2	7 3/4	8	8 5/8	9 7/8	10 1/4			10 3/8	11 3/8	14 3/8	1 7/8	1/2				9.0
5	36		2 1/4	5/8	3/4	7	4	3	3 1/2	4 1/2	7 1/2	7 3/4	8	8 5/8	9 7/8	10 1/4			10 3/8	11 3/8	14 3/8	1 7/8	1/2				9.0

STANDARD SIGN
M4-20

WISCONSIN DEPT OF TRANSPORTATION

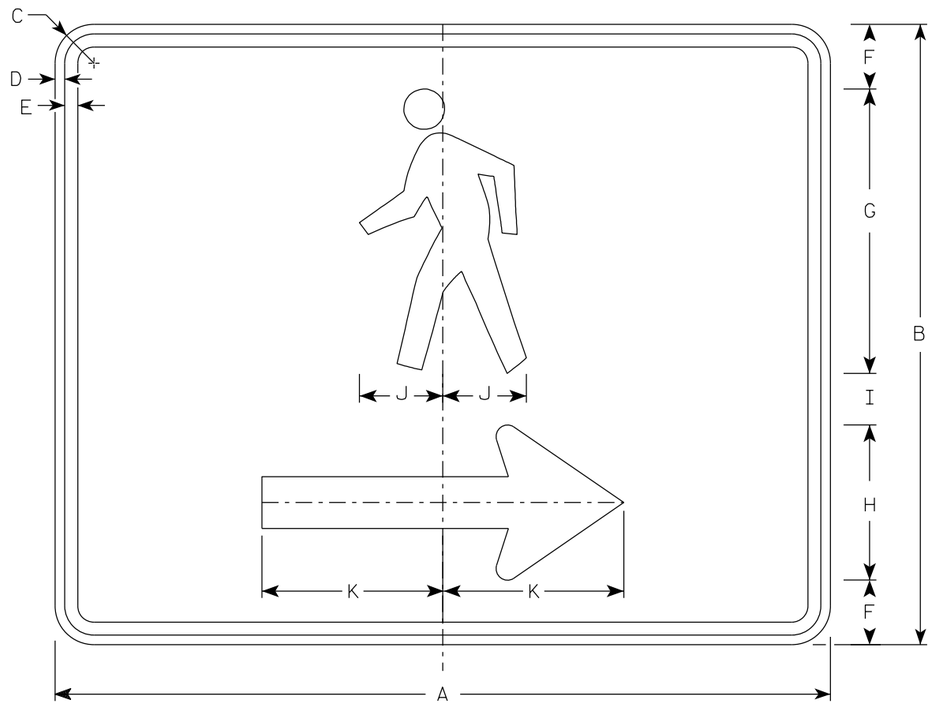
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/13/2023 PLATE NO. M4-20.6

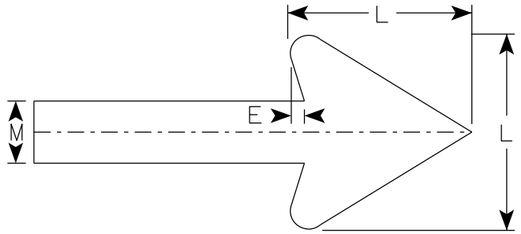
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 733	E

NOTES

1. Sign is Type II- Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. M4-60L is the same as M4-60R except the arrow is reversed.



M4-60R



Arrow Detail

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	24	1 ½	⅜	½	2 ½	11	6	2	3 ¼	7	6	2														5.00
2M	30	24	1 ½	⅜	½	2 ½	11	6	2	3 ¼	7	6	2														5.00
3																											
4																											
5																											

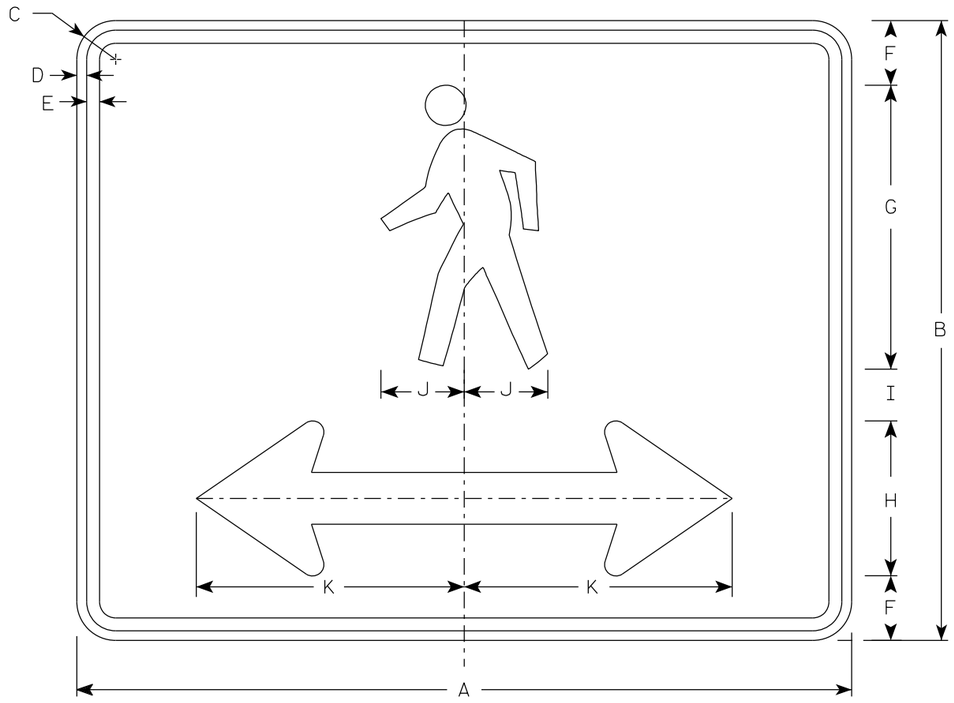
STANDARD SIGN
M4-60 L&R

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 2/14/2023 PLATE NO. M4-60.2

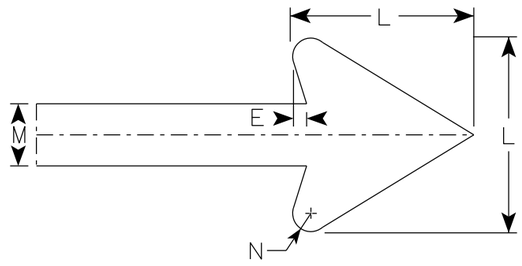
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 734 | E



M4-60D

NOTES

1. Sign is Type II- Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



Arrow Detail

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	24	1 1/2	3/8	1/2	2 1/2	11	6	2	3 1/4	10 3/8	6	2	3/8													5.00
2M	30	24	1 1/2	3/8	1/2	2 1/2	11	6	2	3 1/4	10 3/8	6	2	3/8													5.00
3																											
4																											
5																											

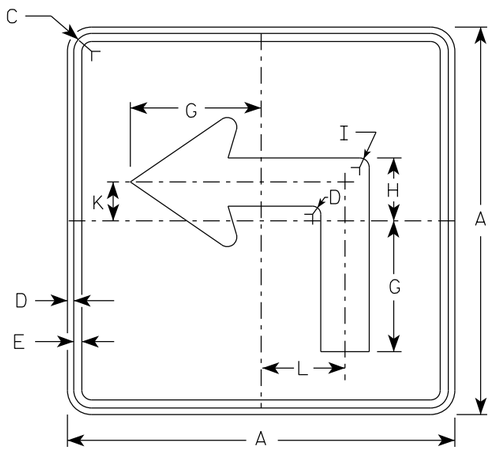
STANDARD SIGN
M4-60D

WISCONSIN DEPT OF TRANSPORTATION

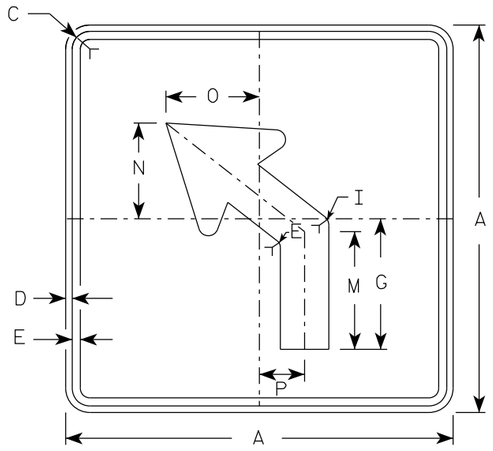
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/14/2023 PLATE NO. M4-60D.2

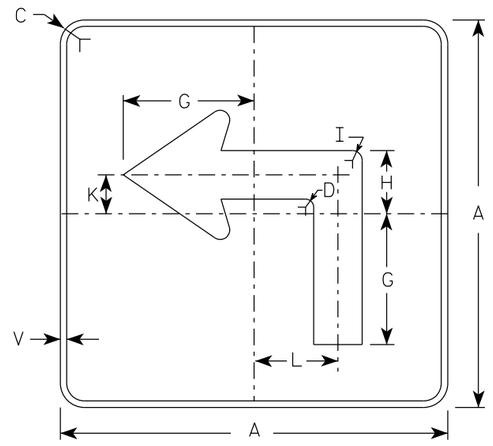
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 735 | E



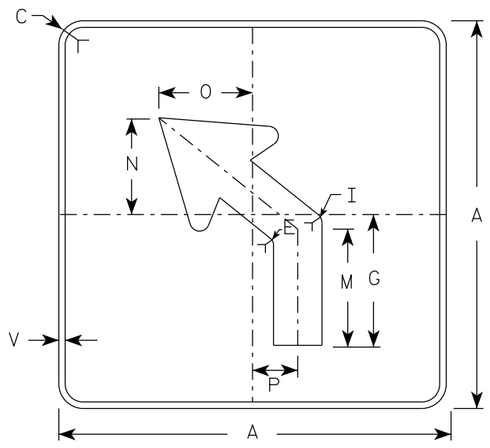
M5-1L
MM5-1L
MO5-1L
MP5-1L



M5-2L
MM5-2L
MO5-2L
MP5-2L



MB5-1L
MK5-1L
MN5-1L
MR5-1L

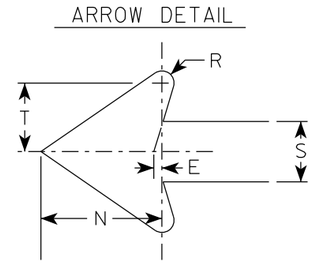


MB5-2L
MK5-2L
MN5-2L
MR5-2L

NOTES

1. Signs are Type II - Type H reflective except as shown
2. Color:
   Background - See note 4
   Message - See note 4
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. M5-1 and M5-2 Background - White
   Message - Black
   MB5-1 and MB5-2 Background - Blue
   Message - White
   MK5-1 and MK5-2 Background - Green
   Message - White
   MM5-1 and MM5-2 Background - White
   Message - Green
   MN5-1 and MN5-2 Background - Brown
   Message - White
   MO5-1 and MO5-2 Background - Orange - Type F Reflective
   Message - Black
   MP5-1 and MP5-2 Background - White
   Message - Blue
   MR5-1 and MR5-2 Background - Brown
   Message - Yellow
5. M5-1R same as M5-1L except arrow points right.
6. M5-2R same as M5-2L except arrow tilts right.

ARROW DETAIL



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	21		1 1/2	3/8	3/8		7	3 3/8	5/8		2 1/8	4 1/2	6 3/8	5 1/4	5	2 1/2		1/2	2 5/8	3		1/2					3.06
2M	21		1 1/2	3/8	3/8		7	3 3/8	5/8		2 1/8	4 1/2	6 3/8	5 1/4	5	2 1/2		1/2	2 5/8	3		1/2					3.06
3	30		1 7/8	1/2	5/8		10 1/8	4 7/8	7/8		3	6 1/2	9 1/8	7 1/2	7 1/4	3 1/2		3/4	3 3/4	4 1/4		1/2					6.25
4	30		1 7/8	1/2	5/8		10 1/8	4 7/8	7/8		3	6 1/2	9 1/8	7 1/2	7 1/4	3 1/2		3/4	3 3/4	4 1/4		1/2					6.25
5	30		1 7/8	1/2	5/8		10 1/8	4 7/8	7/8		3	6 1/2	9 1/8	7 1/2	7 1/4	3 1/2		3/4	3 3/4	4 1/4		1/2					6.25

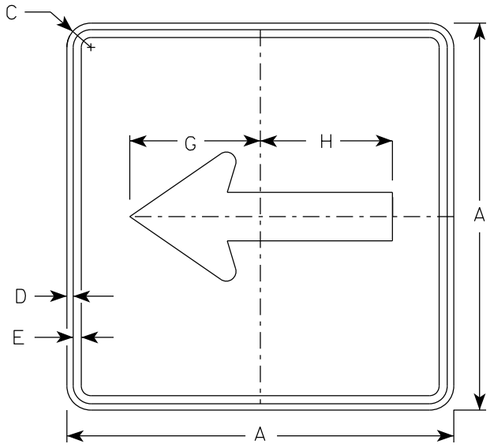
STANDARD SIGN
M5-1 & M5-2

WISCONSIN DEPT OF TRANSPORTATION

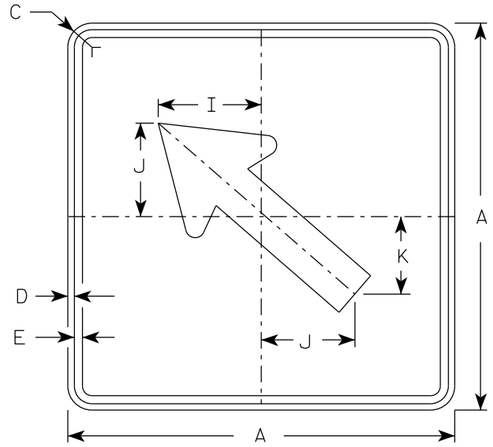
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/13/2023 PLATE NO. M5-1.15

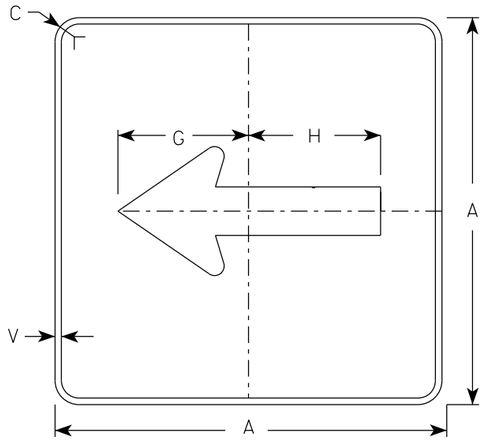
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 736 | E



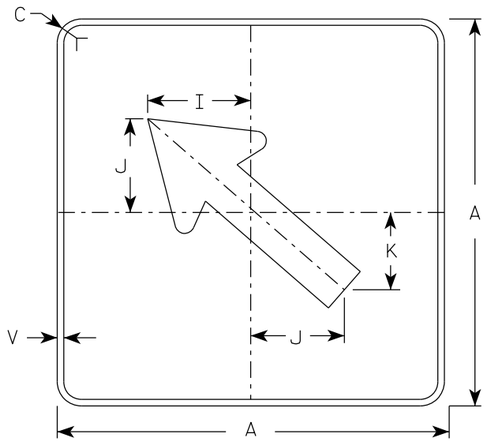
M6-1
MM6-1
MO6-1
MP6-1



M6-2
MM6-2
MO6-2
MP6-2



MB6-1
MK6-1
MN6-1
MR6-1

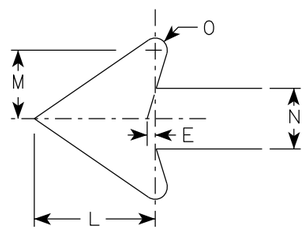


MB6-2
MK6-2
MN6-2
MR6-2

NOTES

1. Signs are Type II - Type H Reflective except as Shown
2. Color:
   Background - See note 4
   Message - See note 4
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. M6-1 and M6-2 Background - White
   Message - Black
   MB6-1 and MB6-2 Background - Blue
   Message - White
   MK6-1 and MK6-2 Background - Green
   Message - White
   MM6-1 and MM6-2 Background - White
   Message - Green
   MN6-1 and MN6-2 Background - Brown
   Message - White
   MO6-1 and MO6-2 Background - Orange - Type F Reflective
   Message - Black
   MP6-1 and MP6-2 Background - White
   Message - Blue
   MR6-1 and MR6-2 Background - Brown
   Message - Yellow

ARROW DETAIL



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	21		1 1/2	3/8	3/8		7 1/2	7 1/8	5 5/8	5	4 1/4	5 1/4	3	2 5/8	1/2							1/2					3.06
2M	21		1 1/2	3/8	3/8		7 1/2	7 1/8	5 5/8	5	4 1/4	5 1/4	3	2 5/8	1/2							1/2					3.06
3	30		1 7/8	1/2	5/8		10 3/4	10 1/4	8	7 1/4	6	7 1/2	4 1/4	3 3/4	3/4							1/2					6.25
4	30		1 7/8	1/2	5/8		10 3/4	10 1/4	8	7 1/4	6	7 1/2	4 1/4	3 3/4	3/4							1/2					6.25
5	30		1 7/8	1/2	5/8		10 3/4	10 1/4	8	7 1/4	6	7 1/2	4 1/4	3 3/4	3/4							1/2					6.25

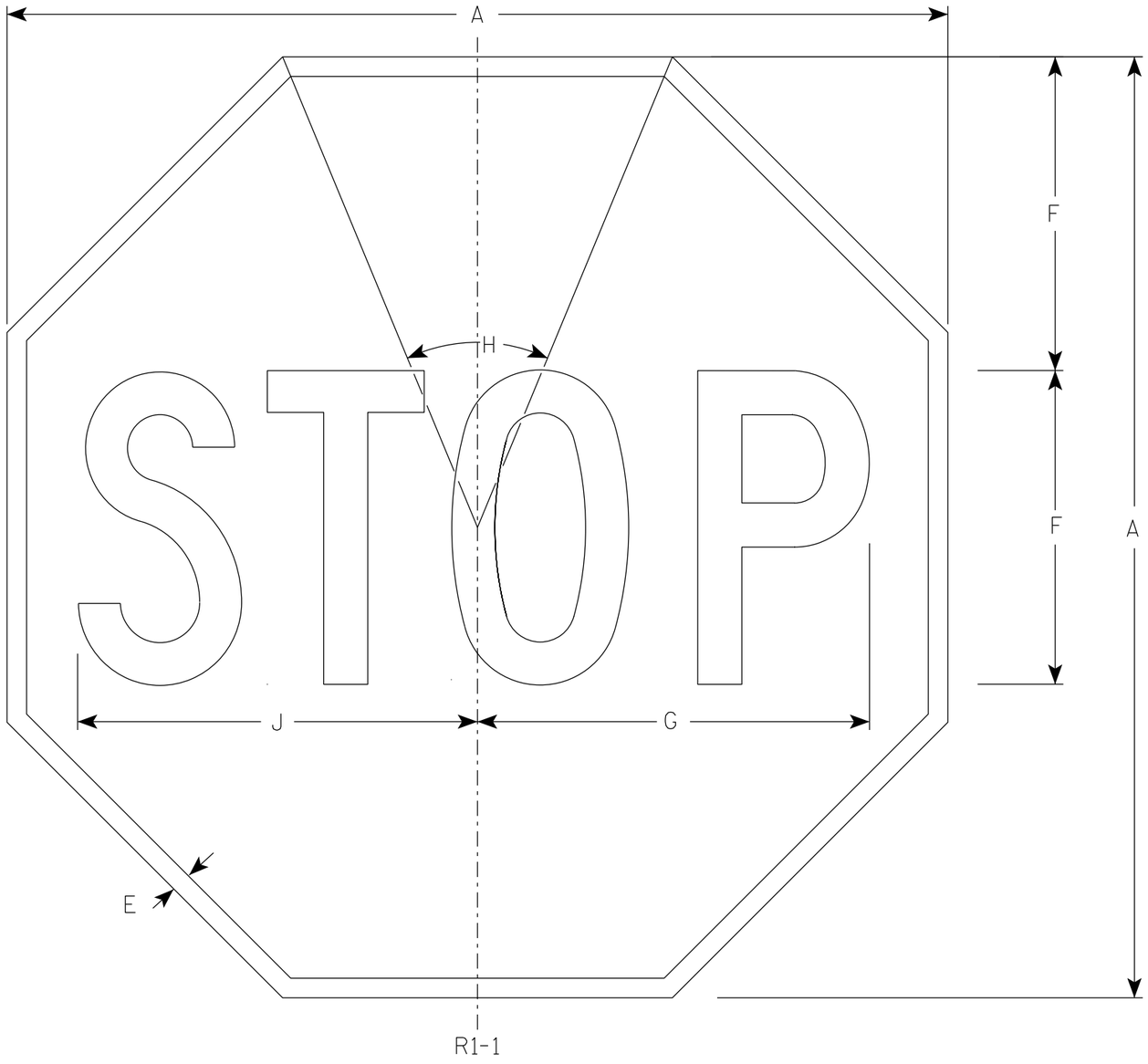
STANDARD SIGN
M6-1 & M6-2
SERIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/13/2023 PLATE NO. M6-1.16

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 737 | E



NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - Red
   Message - White
3. Message Series - C

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30				5/8	10	12 1/2	45°		12 3/4																	5.18
2S	30				5/8	10	12 1/2	45°		12 3/4																	5.18
2M	36				3/4	12	15	45°		15 3/8																	7.46
3	36				3/4	12	15	45°		15 3/8																	7.46
4	48				1	16	20	45°		20 1/2																	13.25
5	48				1	16	20	45°		20 1/2																	13.25
6	18				3/8	6	7 3/4	45°		7 3/4																	1.86

STANDARD SIGN
R1-1

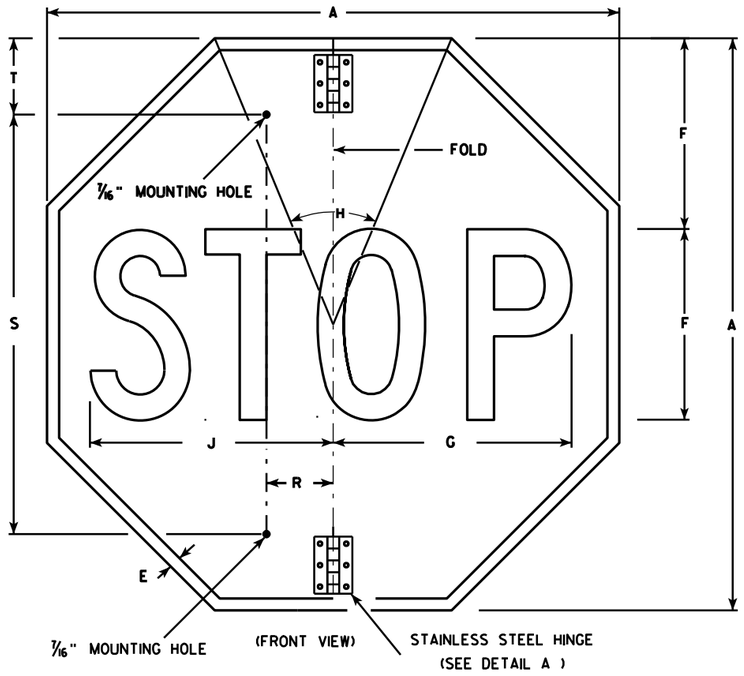
WISCONSIN DEPT OF TRANSPORTATION

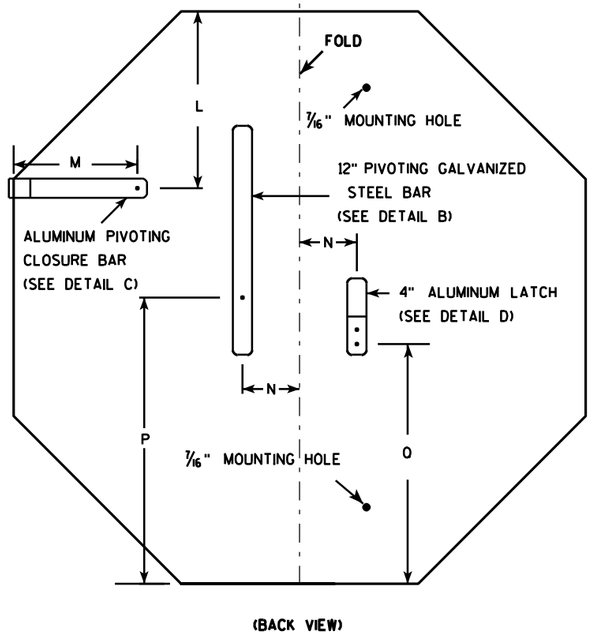
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 7/9/2025 PLATE NO. R1-1.14

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 738 E

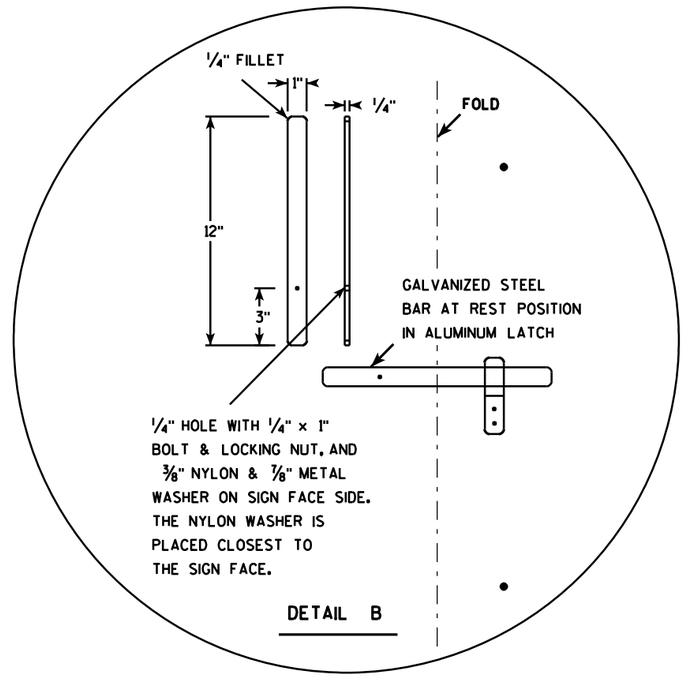
7



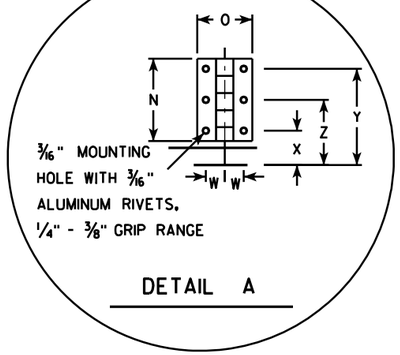


NOTES

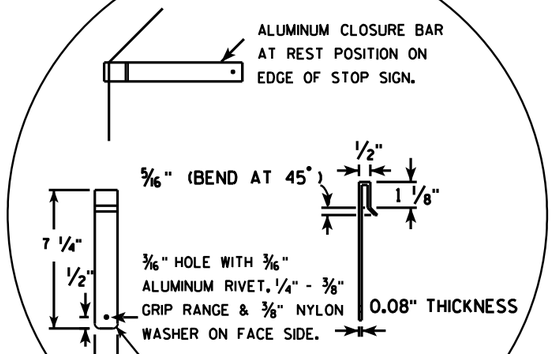
1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Red
   Message - White
3. Message Series - C
4. All hardware used on the folding STOP sign installation shall conform to 637.2.4 of the WIS DOT Standard Specification.



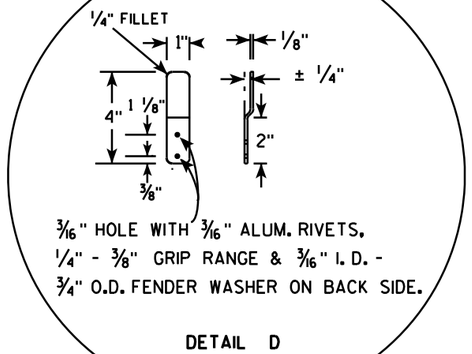
DETAIL B



DETAIL A



DETAIL C



DETAIL D

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	O	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30				5/8	10	12 1/2	45		12 3/4		9 1/4	6 1/2	3	2	15	12 3/8	2 1/2	22	5			11/16	1 1/4	3 1/2	2 3/8	5.18
2M	36				3/4	12	15	45		15 3/8		11	6 1/2	3	2	18	15 3/8	2 1/2	26	5			11/16	1 1/4	3 1/2	2 3/8	7.46
3	36				3/4	12	15	45		15 3/8		11	6 1/2	3	2	18	15 3/8	2 1/2	26	5			11/16	1 1/4	3 1/2	2 3/8	7.46
4																											
5																											

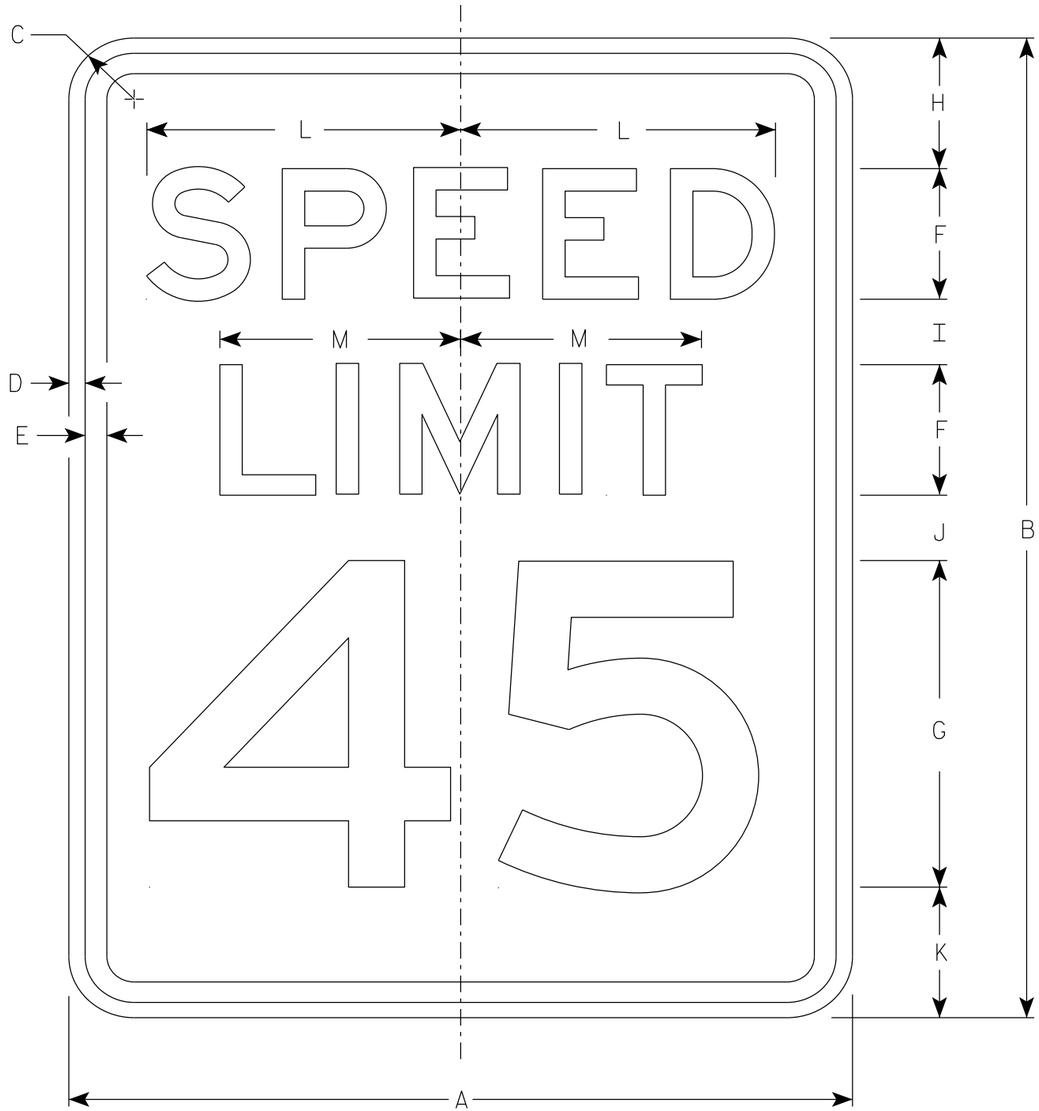
STANDARD SIGN
R1-1F

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/03/10 PLATE NO. R1-1F.3

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 739 | E



R2-1

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - E
4. Substitute appropriate numerals and optically adjust spacing to achieve proper balance.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	18	24	1 1/2	3/8	1/2	3	8	3	2	2	3	7 1/4	5 1/2														3.0
2S	24	30	1 1/2	3/8	1/2	4	10	3	2 1/4	3 3/8	3 3/8	9 5/8	7 3/8														5.0
2M	30	36	1 7/8	1/2	5/8	5	12	5	2 1/2	2 1/2	4	12	9 1/4														7.5
3	36	48	1 7/8	1/2	5/8	6	14	6	5	5	6	14 3/8	11														12.0
4	36	48	1 7/8	1/2	5/8	6	14	6	5	5	6	14 3/8	11														12.0
5	48	60	3	3/4	1	8	20	6	4 1/2	6 3/4	6 3/4	19 1/4	14 5/8														20.0

STANDARD SIGN
R2-1

WISCONSIN DEPT OF TRANSPORTATION

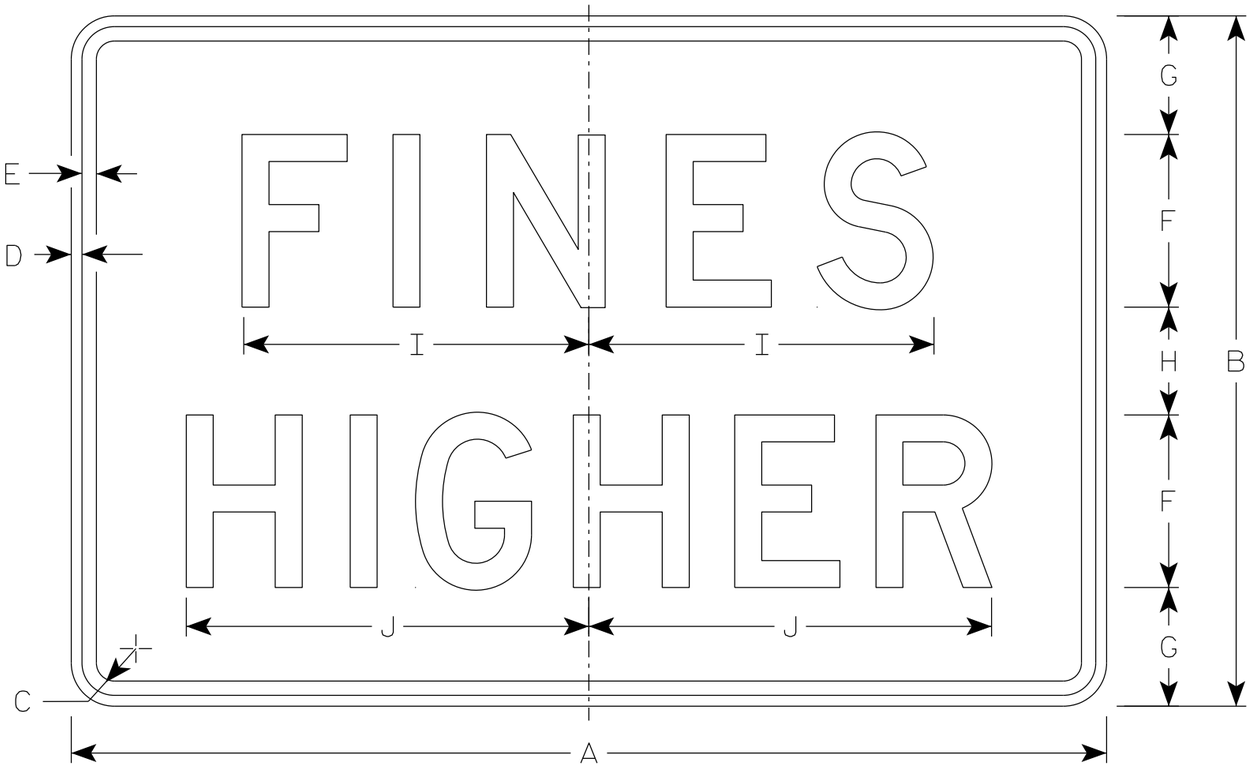
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/1/23 PLATE NO. R2-1.14

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 740 | E

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D



R2-6P

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	18	1 1/2	3/8	3/8	4	3 1/2	3	7 5/8	9 1/4																	3.0
2M	24	18	1 1/2	3/8	3/8	4	3 1/2	3	7 5/8	9 1/4																	3.0
3	36	24	1 1/2	3/8	1/2	6	4 1/8	3 3/4	12	14																	6.0
4	36	24	1 1/2	3/8	1/2	6	4 1/8	3 3/4	12	14																	6.0
5	48	36	1 7/8	1/2	5/8	8	7	6	15 1/8	19																	12.0

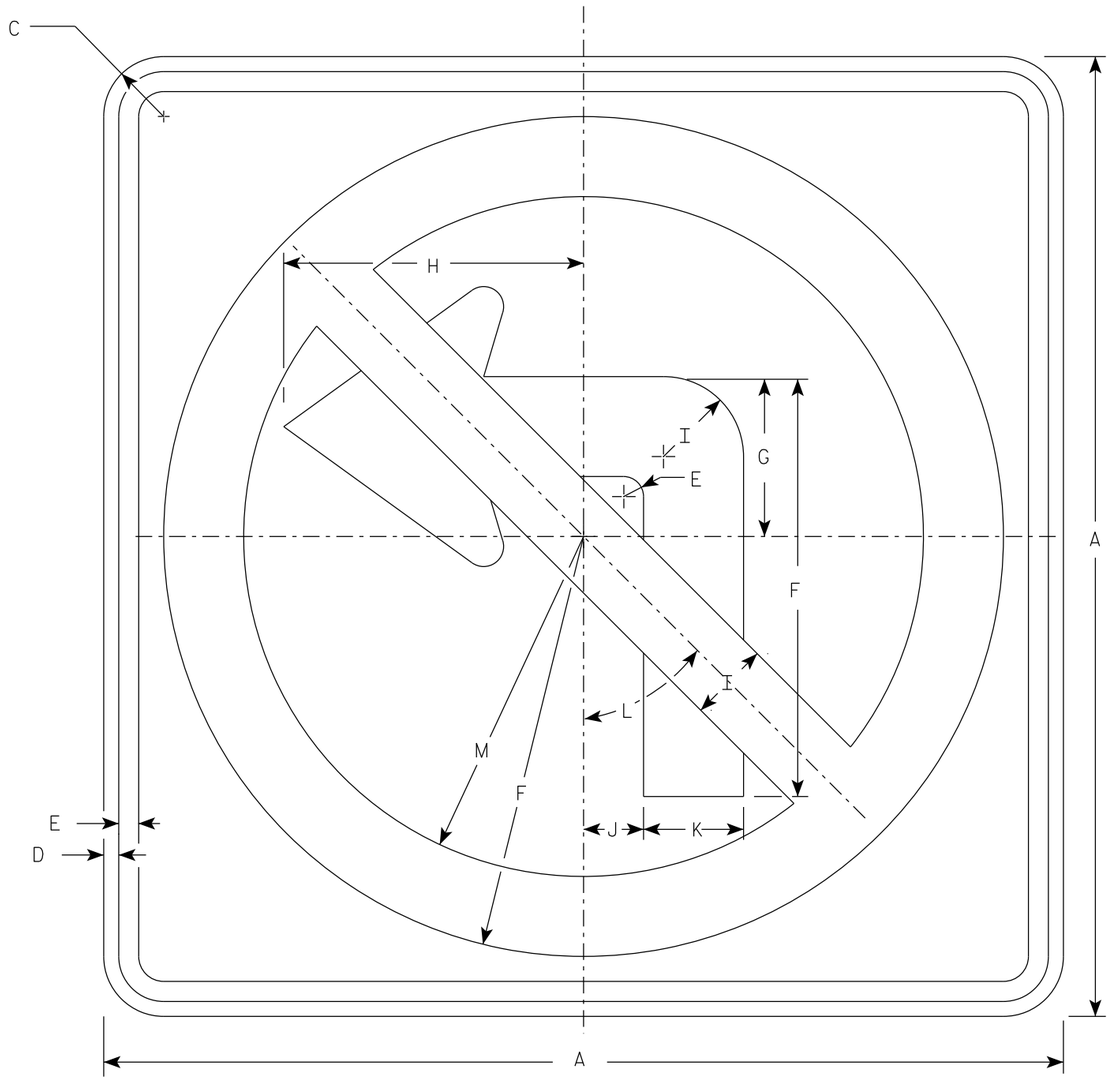
STANDARD SIGN
R2-6P

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/1/23 PLATE NO. R2-6P.3

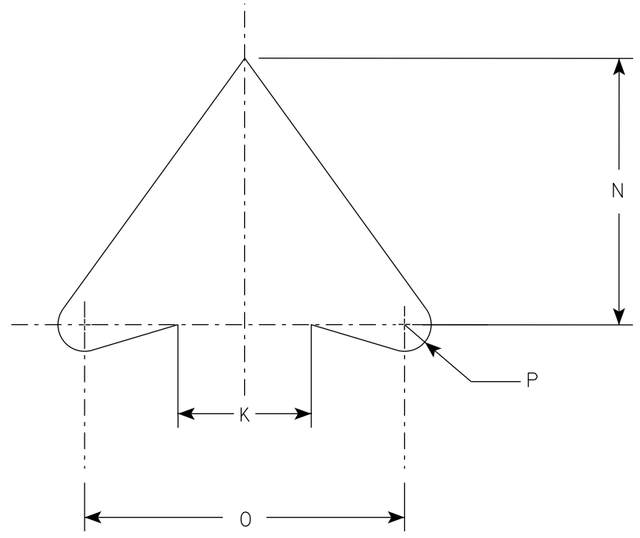
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 741	E



R3-2

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - See note 3
3. Border & Arrow are non reflective black, the circle with diagonal bar is reflective red.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24		1 1/2	3/8	1/2	10 1/2	4	7 1/2	2	1 1/2	2 1/2	45°	8 1/2	5	6	1/2											4.0
2S	24		1 1/2	3/8	1/2	10 1/2	4	7 1/2	2	1 1/2	2 1/2	45°	8 1/2	5	6	1/2											4.0
2M	36		2 1/4	5/8	3/4	15 3/4	6	11 1/4	3	2 1/4	3 3/4	45°	12 3/4	7 1/2	9	3/4											9.0
3	36		2 1/4	5/8	3/4	15 3/4	6	11 1/4	3	2 1/4	3 3/4	45°	12 3/4	7 1/2	9	3/4											9.0
4	36		2 1/4	5/8	3/4	15 3/4	6	11 1/4	3	2 1/4	3 3/4	45°	12 3/4	7 1/2	9	3/4											9.0
5	48		2 1/4	3/4	1	21	8	15	4	3	5	45°	17	10	12	1											16.0

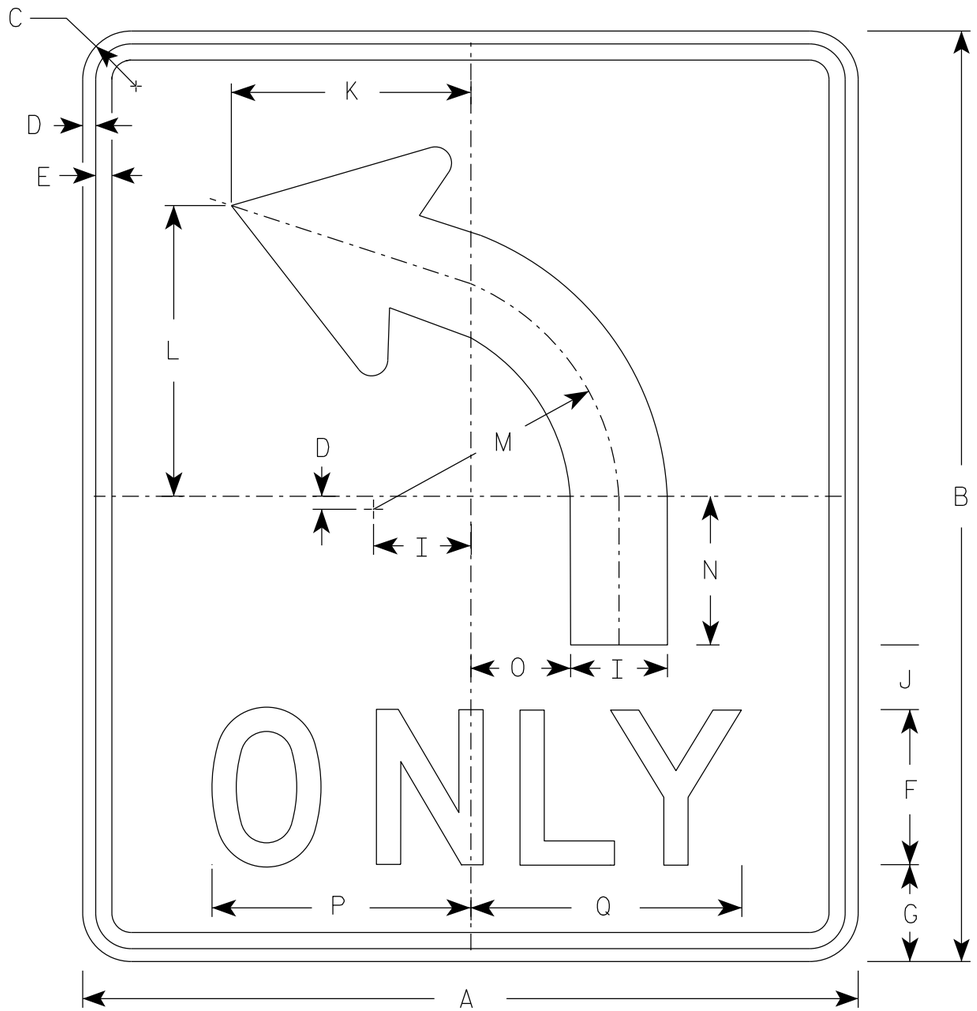
STANDARD SIGN
R3-2

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/2/23 PLATE NO. R3-2.11

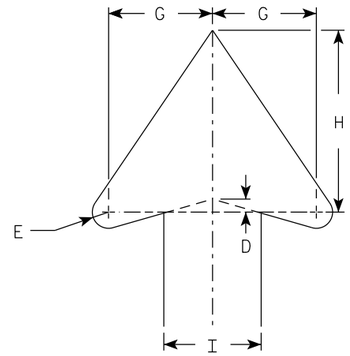
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 742 | E



R3-5L

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D
4. R3-5R is the same as R3-5L except curved portion of arrow points right.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	36	1 7/8	1/2	5/8	6	4	7	3 3/4	2 1/2	9 1/4	11 1/4	9 1/2	5 3/4	3 7/8	10	10 1/2										7.5
2M	42	48	1 7/8	1/2	5/8	8	5	9 3/8	5	3 1/8	12 3/8	15	12 5/8	7 5/8	5 1/8	13 3/8	14										14.0
3	42	48	1 7/8	1/2	5/8	8	5	9 3/8	5	3 1/8	12 3/8	15	12 5/8	7 5/8	5 1/8	13 3/8	14										14.0
4																											
5																											

STANDARD SIGN

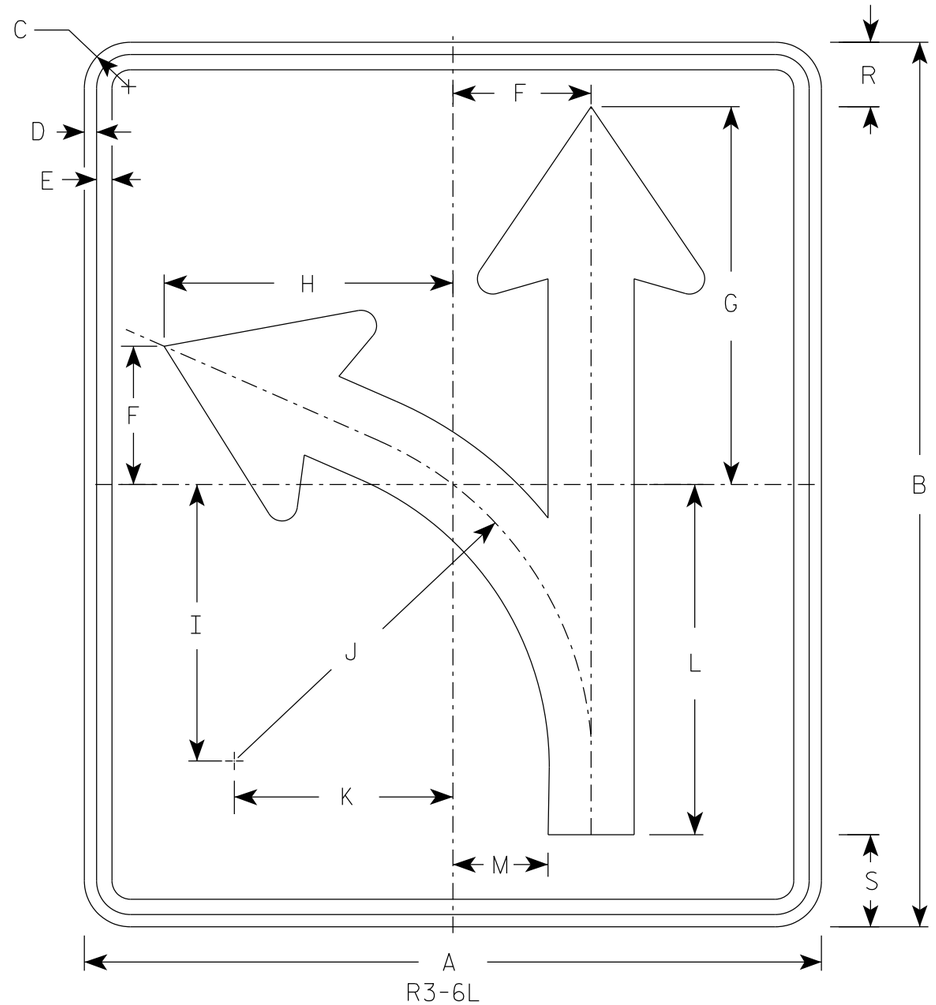
R3-5

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 10/9/2025 PLATE NO. R3-5.5

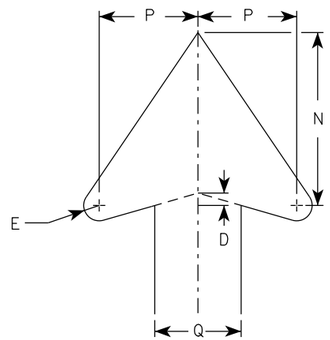
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 743	E



R3-6L

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. R3-6R is the same as R3-6L except curved portion of arrow points to right.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	36	1 7/8	1/2	5/8	5 5/8	15 3/8	11 1/4	5 3/8	14 1/2	8 7/8	14 1/4	3 7/8	7		4	3 1/2	2 5/8	3 3/4								7.5
2M	42	48	1 7/8	1/2	5/8	7 1/2	20 1/2	15 5/8	15	19 1/8	11 7/8	19	5 1/8	9 3/8		5 3/8	4 5/8	3 1/2	5								14.0
3	42	48	1 7/8	1/2	5/8	7 1/2	20 1/2	15 5/8	15	19 1/8	11 7/8	19	5 1/8	9 3/8		5 3/8	4 5/8	3 1/2	5								14.0
4																											
5																											

STANDARD SIGN
R3-6

WISCONSIN DEPT OF TRANSPORTATION

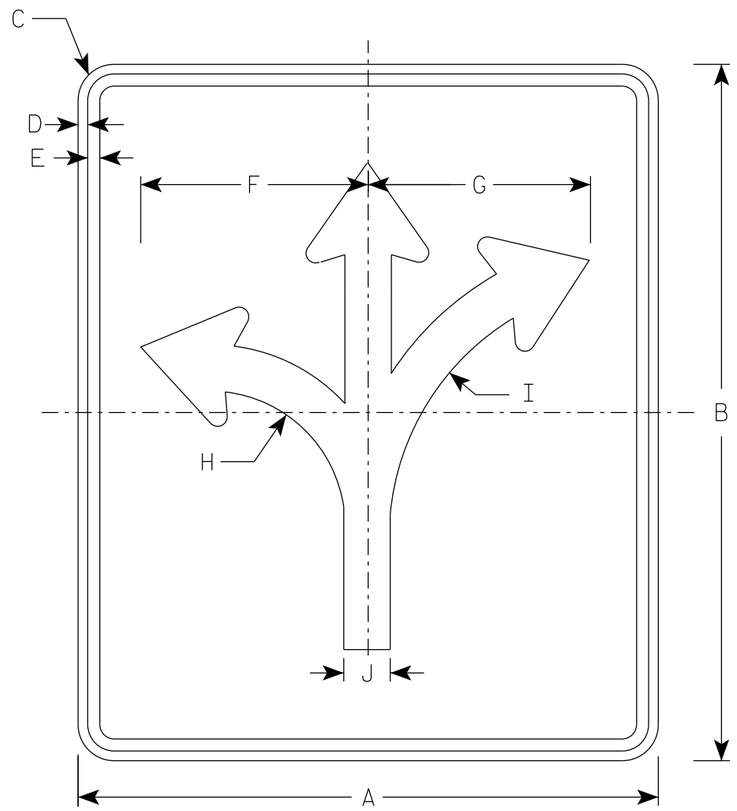
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 10/9/25 PLATE NO. R3-6.2

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 744 | E

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black



R3-6V

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	36	1 7/8	1/2	5/8	11 3/4	11 1/2	7	13 1/4	2 3/8																	7.5
2M	42	48	1 7/8	1/2	5/8	15 5/8	15 3/8	9 3/8	17 3/4	3 1/4																	14.0
3	42	48	1 7/8	1/2	5/8	15 5/8	15 3/8	9 3/8	17 3/4	3 1/4																	14.0
4																											
5																											

STANDARD SIGN
R3-6V

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

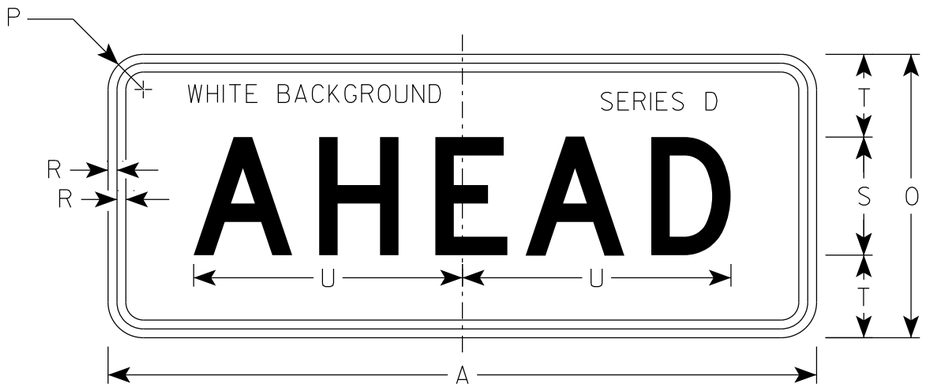
DATE 11/13/2025 PLATE NO. R3-6V.1

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 745 | E

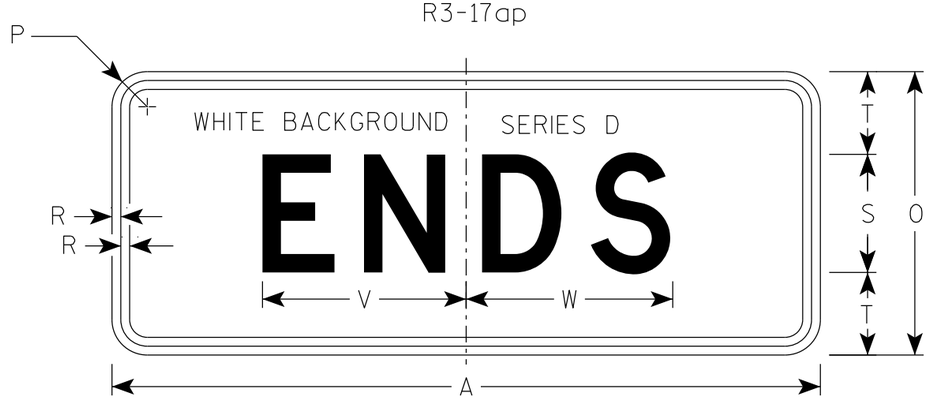
R3-17

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - AS SHOWN
   Message - BLACK
3. Message Series - C or as noted



R3-17ap



R3-17bp

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	R3-17 Area sq. ft.	R3-17ap Area sq. ft.	R3-17bp Area sq. ft.
1																													
2S	30	24	1 1/2	3/8	1/2	2	4	4 1/8	7 7/8	6 3/8	9 1/2	2 5/8	7/8	13	12	1 1/2	3 3/8	3/8	5	3 1/2	11 3/8	8 5/8	8 3/4	2 3/8	15 5/8	8	5.0	2.5	2.5
2M	30	24	1 1/2	3/8	1/2	2	4	4 1/8	7 7/8	6 3/8	9 1/2	2 5/8	7/8	13	12	1 1/2	3 3/8	3/8	5	3 1/2	11 3/8	8 5/8	8 3/4	2 3/8	15 5/8	8	5.0	2.5	2.5
3																													
4																													
5																													

STANDARD SIGN
R3-17 & R3-17a&bp

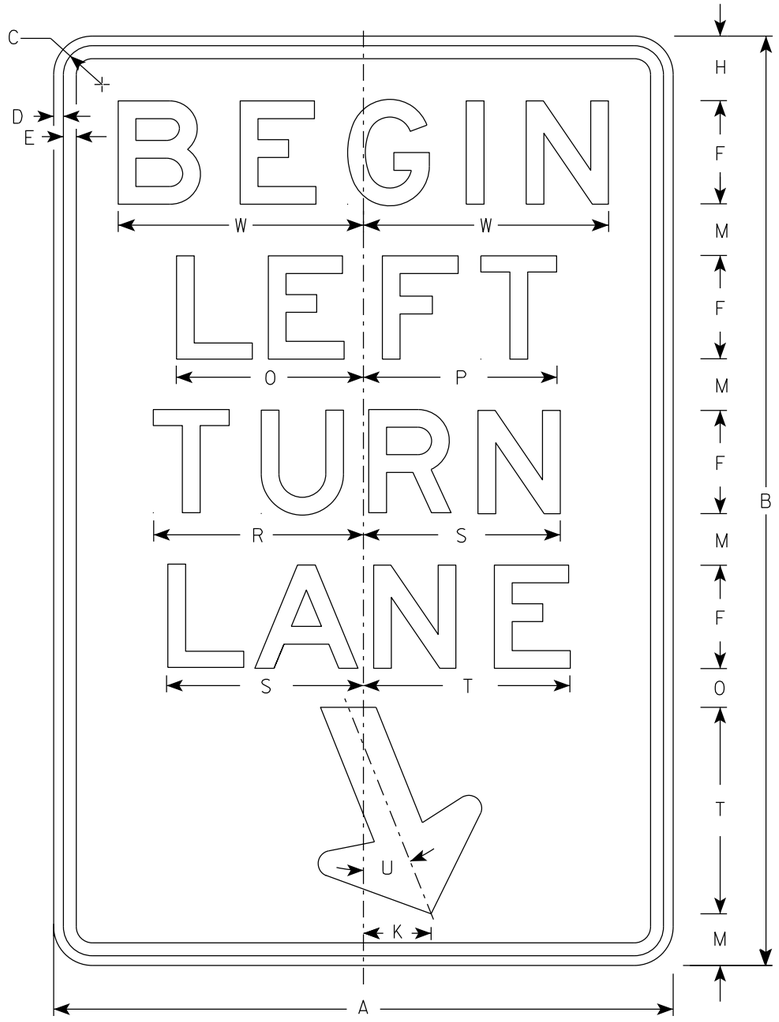
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/23/23 PLATE NO. R3-17.3

PROJECT NO:

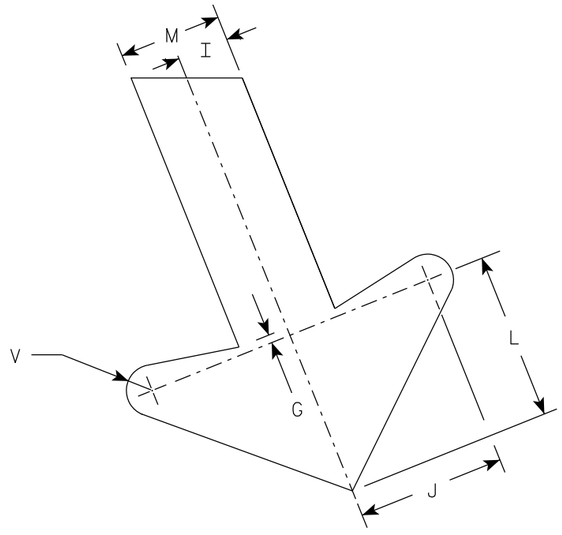
SHEET NO: 746 E



R3-20L

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - E



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	36	1 1/2	3/8	1/2	4	1/4	2 1/2	1	2 7/8	2 5/8	3 1/4	2	1 1/2	7 1/4	7 1/2		8 1/8	7 5/8	8	22°	1/2	9 1/2				6.0
2M	24	36	1 1/2	3/8	1/2	4	1/4	2 1/2	1	2 7/8	2 5/8	3 1/4	2	1 1/2	7 1/4	7 1/2		8 1/8	7 5/8	8	22°	1/2	9 1/2				6.0
3	36	54	1 7/8	1/2	5/8	6	3/8	3 3/4	1 1/2	4 1/4	4	4 7/8	3	2 1/4	10 7/8	11 1/4		12 1/4	11 1/2	12	22°	3/4	13 1/4				13.5
4																											
5																											

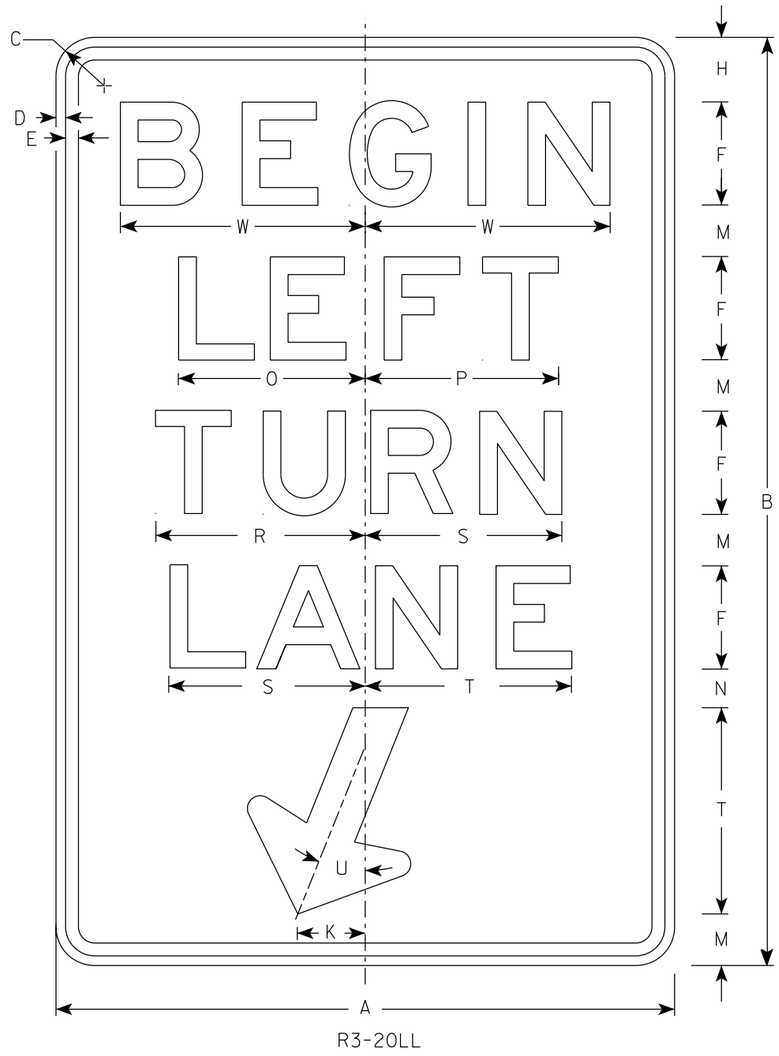
STANDARD SIGN
R3-20L

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/23/23 PLATE NO. R3-20L.8

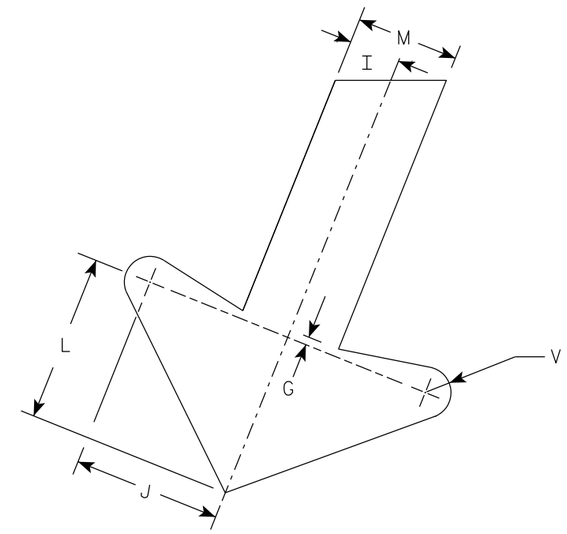
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 747 | E



R3-20LL

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - E



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	36	1 1/2	3/8	1/2	4	1/4	2 1/2	1	2 7/8	2 5/8	3 1/4	2	1 1/2	7 1/4	7 1/2		8 1/8	7 5/8	8	22°	1/2	9 1/2				6.0
2M	24	36	1 1/2	3/8	1/2	4	1/4	2 1/2	1	2 7/8	2 5/8	3 1/4	2	1 1/2	7 1/4	7 1/2		8 1/8	7 5/8	8	22°	1/2	9 1/2				6.0
3	36	54	1 7/8	1/2	5/8	6	3/8	3 3/4	1 1/2	4 1/4	4	4 7/8	3	2 1/4	10 7/8	11 1/4		12 1/4	11 1/2	12	22°	3/4	13 1/4				13.5
4																											
5																											

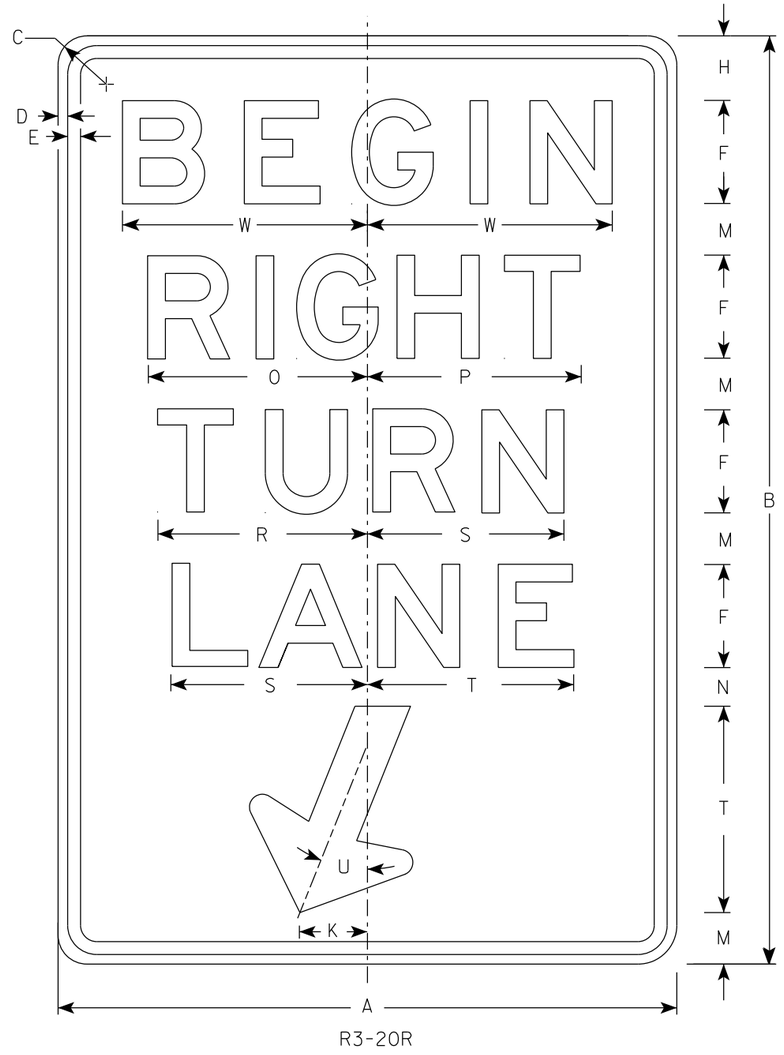
STANDARD SIGN
R3-20LL

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/23/23 PLATE NO. R3-20LL.2

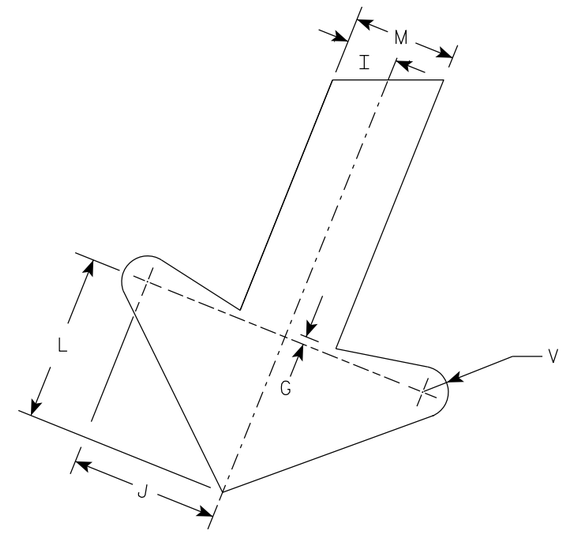
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 748 | E



R3-20R

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - E



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	36	1 1/2	3/8	1/2	4	1/4	2 1/2	1	2 7/8	2 5/8	3 1/4	2	1 1/2	8 1/2	8 1/4		8 1/8	7 5/8	8	22°	1/2	9 1/2				6.0
2M	24	36	1 1/2	3/8	1/2	4	1/4	2 1/2	1	2 7/8	2 5/8	3 1/4	2	1 1/2	8 1/2	8 1/4		8 1/8	7 5/8	8	22°	1/2	9 1/2				6.0
3	36	54	1 7/8	1/2	5/8	6	3/8	3 3/4	1 1/2	4 1/4	4	4 7/8	3	2 1/4	12 3/4	12 1/2		12 1/4	11 1/2	12	22°	3/4	13 1/4				13.5
4																											
5																											

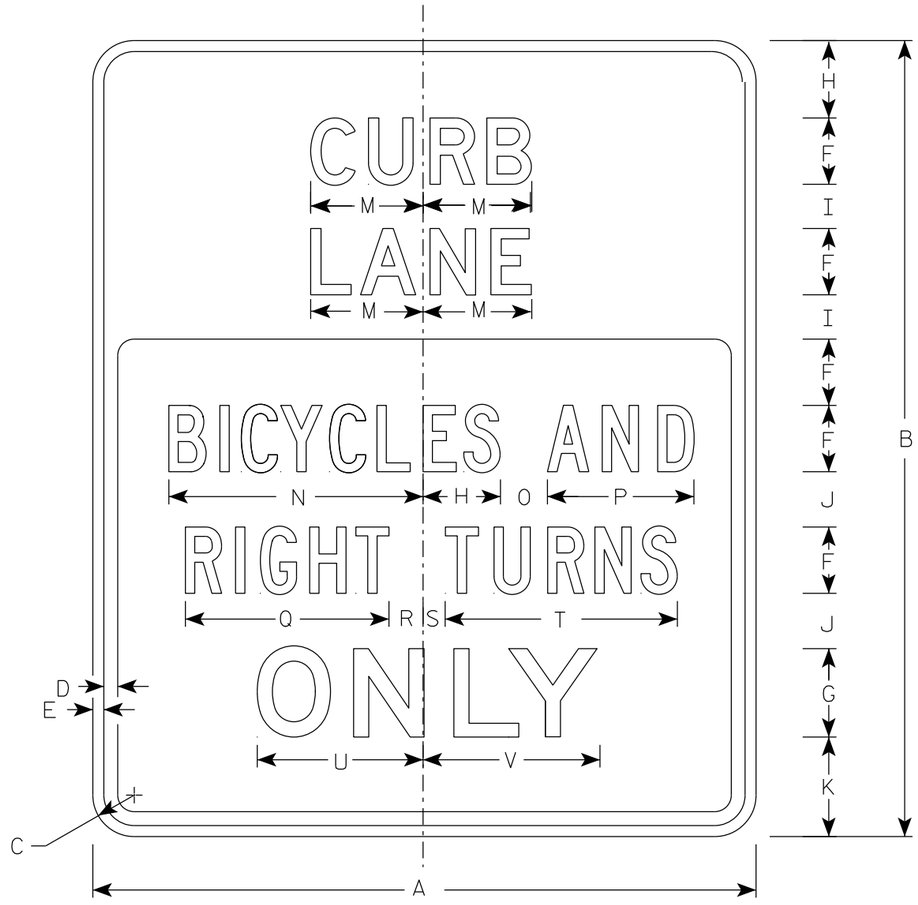
STANDARD SIGN
R3-20R

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 2/23/23 PLATE NO. R3-20R.7

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 749 | E



R3-52

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - See Note 4
   Message - See Note 4
3. Message Series - Lines 1 and 2 are series D
   Lines 3 and 4 are Series C
   Bottom line is series E
4. Top Message is White Type H reflective with a Black background,
   Bottom Message is Black with White Type H reflective background

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	36	1 7/8	1/2	5/8	3	4	3 1/2	2	2 1/2	4 1/2		5	11 1/2	2 1/8	6 5/8	9 1/4	1 1/2	1	10 1/2	7 1/2	8					7.5
2M	30	36	1 7/8	1/2	5/8	3	4	3 1/2	2	2 1/2	4 1/2		5	11 1/2	2 1/8	6 5/8	9 1/4	1 1/2	1	10 1/2	7 1/2	8					7.5
3																											
4																											
5																											

STANDARD SIGN
R3-52

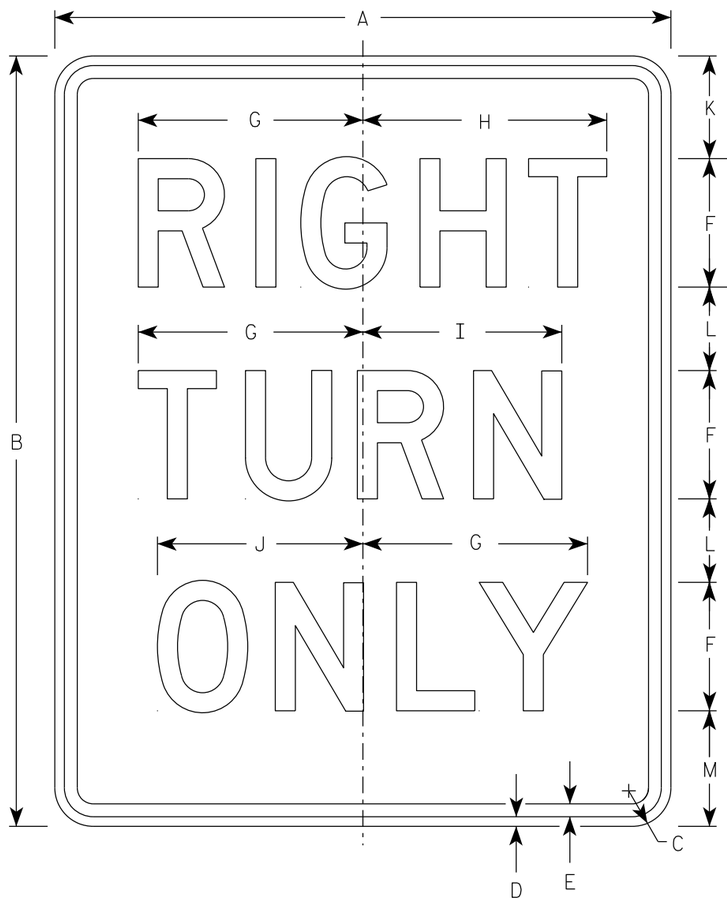
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

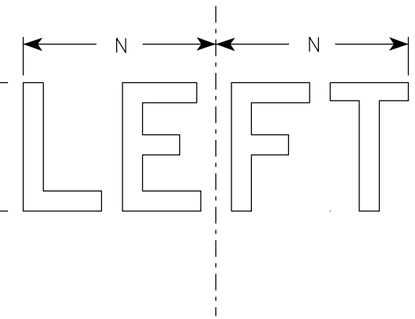
DATE 2/23/23 PLATE NO. R3-52.2

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 750 | E

7



R3-53R



R3-53L

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D
4. R3-53L same as R3-53R except LEFT is substituted for RIGHT

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	30	1 1/2	3/8	1/2	5	8 3/4	9 1/2	7 3/4	8	4	3 1/4	4 1/2	7 1/2													5.0
2M	24	30	1 1/2	3/8	1/2	5	8 3/4	9 1/2	7 3/4	8	4	3 1/4	4 1/2	7 1/2													5.0
3	24	30	1 1/2	3/8	1/2	5	8 3/4	9 1/2	7 3/4	8	4	3 1/4	4 1/2	7 1/2													5.0
4																											
5																											

STANDARD SIGN
R3-53

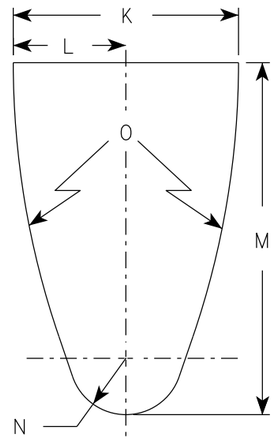
WISCONSIN DEPT OF TRANSPORTATION

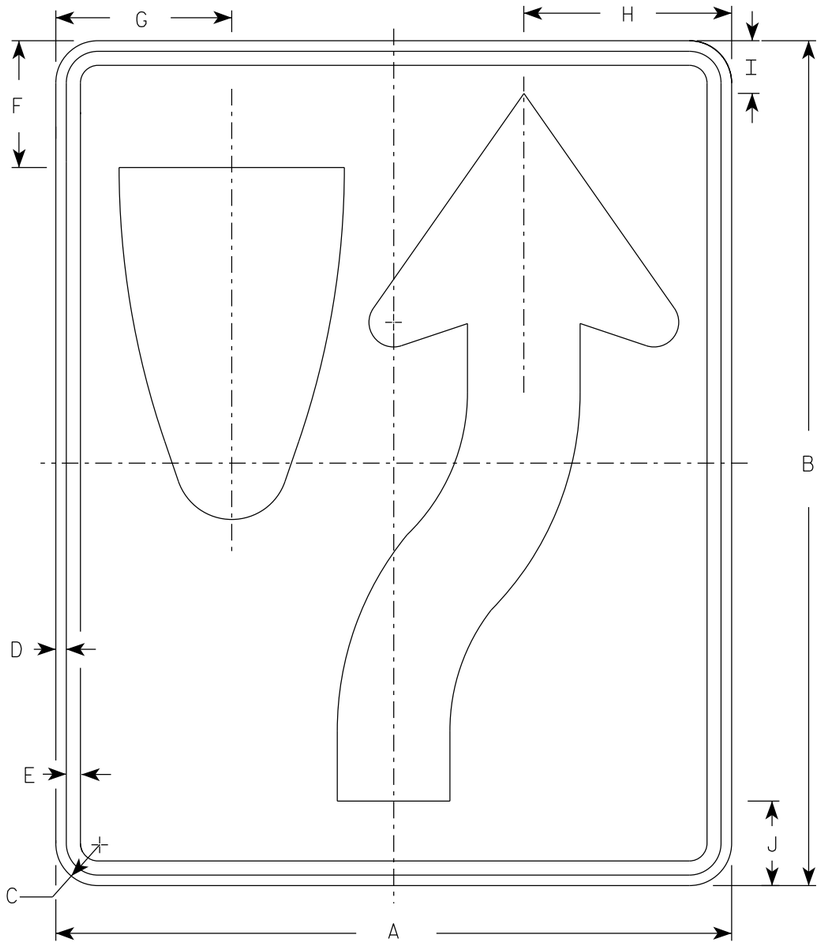
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/23/23 PLATE NO. R3-53.9

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 751 | E

DIVIDER DETAIL



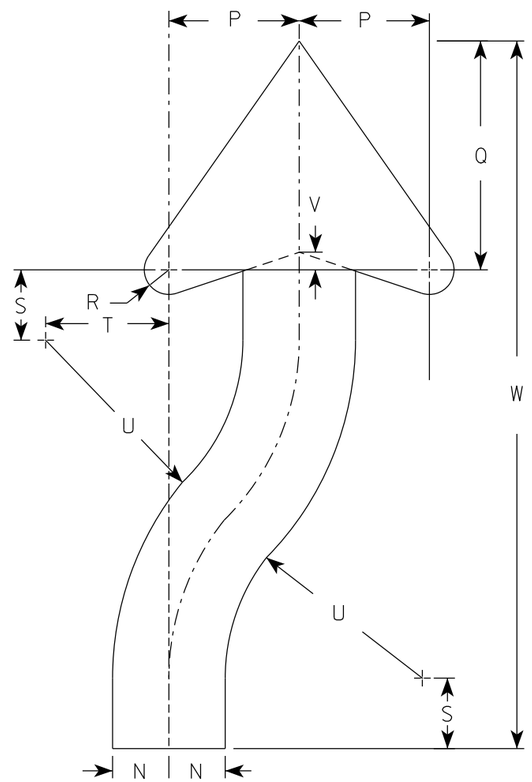


R4-7

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. R4-8 is the same as R4-7 except Legend is reversed.

ARROW DETAIL



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	18	24	1 1/2	3/8	1/2	3 3/8	4 3/4	5 1/2	1 3/8	2 1/4	6	3	9 3/8	1 1/2	22 1/2	3 1/2	6 1/8	5/8	1 7/8	3 1/4	6 3/4	1/2	20 3/8				3.0
2S	24	30	1 1/2	3/8	1/2	4 1/2	6 1/4	7 3/8	1 7/8	3	8	4	12 1/2	2	30	4 5/8	8 1/8	7/8	2 1/2	4 3/8	9	5/8	25 1/8				5.0
2M	24	30	1 1/2	3/8	1/2	4 1/2	6 1/4	7 3/8	1 7/8	3	8	4	12 1/2	2	30	4 5/8	8 1/8	7/8	2 1/2	4 3/8	9	5/8	25 1/8				5.0
3	36	48	1 7/8	1/2	5/8	6 3/4	9 3/8	11 1/8	2 7/8	4 1/2	12	6	18 3/4	3	45	6 7/8	12 1/4	1 1/4	3 3/4	6 5/8	13 1/2	1	40 3/4				12.0
4	36	48	1 7/8	1/2	5/8	6 3/4	9 3/8	11 1/8	2 7/8	4 1/2	12	6	18 3/4	3	45	6 7/8	12 1/4	1 1/4	3 3/4	6 5/8	13 1/2	1	40 3/4				12.0
5	48	60	3	3/4	1	9	12 1/2	14 3/4	3 3/4	6	16	8	25	4	60	9 1/4	16 1/4	1 5/8	5	8 3/4	18	1 1/4	50 1/4				20.0

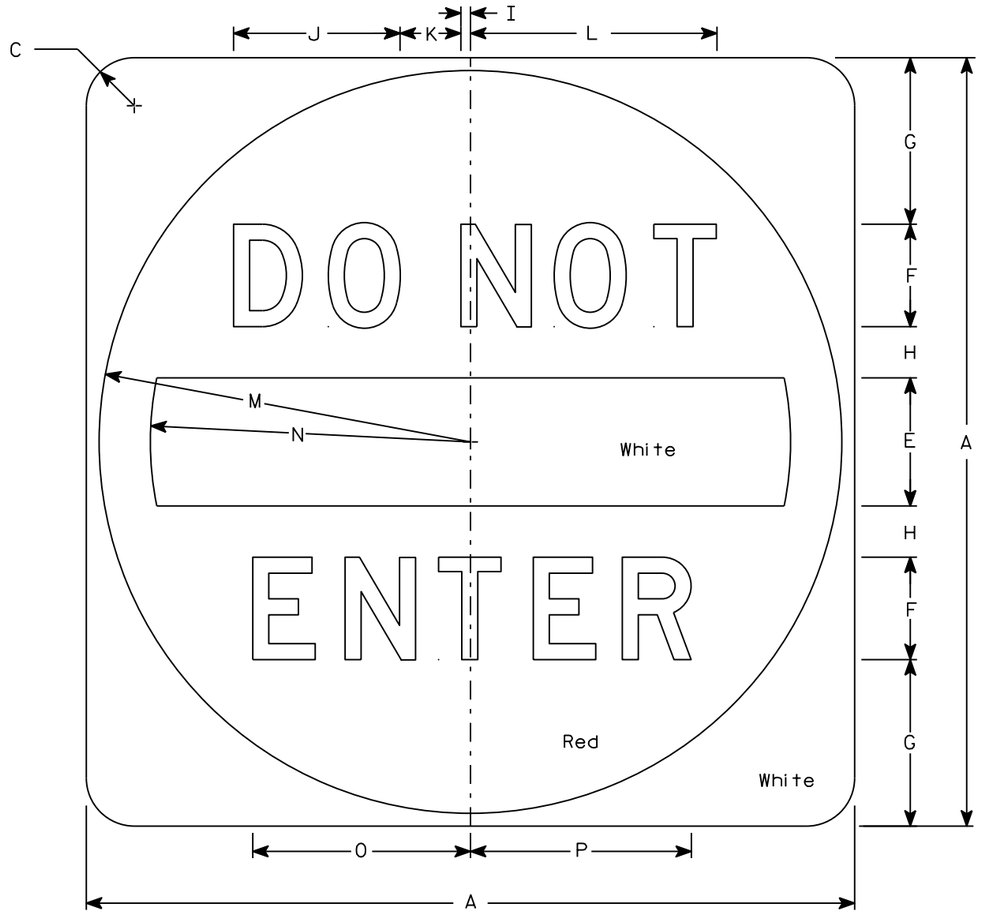
STANDARD SIGN
R4-7 & R4-8

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch for State Traffic Engineer

DATE 8/17/23 PLATE NO. R4-7.9

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 752	E



R5-1

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - See detail
   Message - White
3. Message Series - D

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30		1 7/8		5	4	6 1/2	2	3/8	6 1/2	2 3/8	9 5/8	14 1/2	12 1/2	8 1/2	8 5/8											6.25
2M	36		2 1/4		6	5	7 1/2	2 1/2	1/2	8 1/8	3	12 1/8	17 1/2	15	10 5/8	10 3/4											9.0
3	36		2 1/4		6	5	7 1/2	2 1/2	1/2	8 1/8	3	12 1/8	17 1/2	15	10 5/8	10 3/4											9.0
4	36		2 1/4		6	5	7 1/2	2 1/2	1/2	8 1/8	3	12 1/8	17 1/2	15	10 5/8	10 3/4											9.0
5	48		3		8	6	11	3	5/8	9 3/4	3 5/8	14 1/2	23 1/2	20	12 3/4	12 7/8											16.0

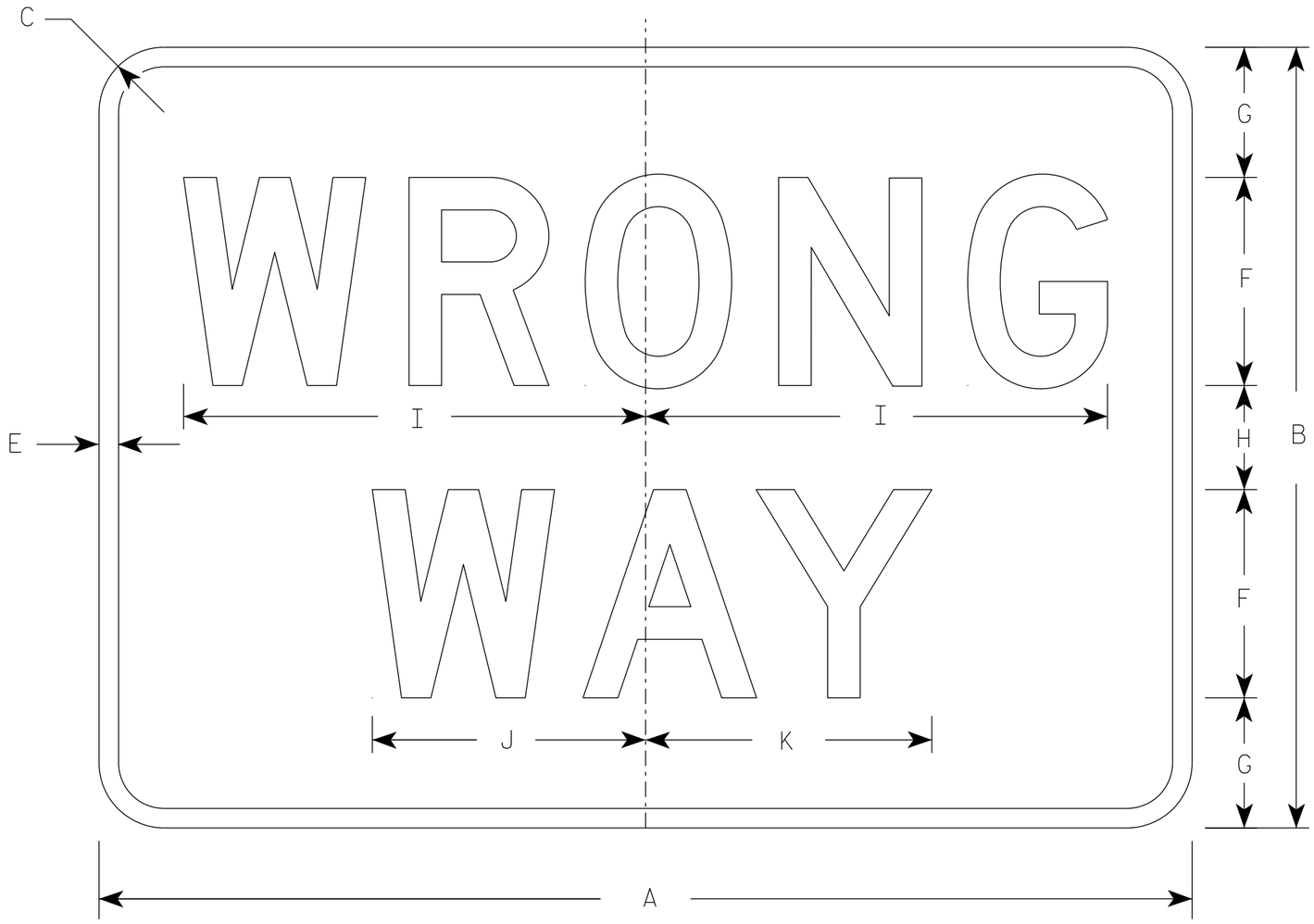
STANDARD SIGN
R5-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/15/18 PLATE NO. R5-1.16

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 753 | E



R5-1A

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - Red
   Message - White
3. Message Series - D

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30	18	1 1/2		1/2	5	3	2	11	6 1/2	6 7/8																3.75
2S	36	24	1 1/2		5/8	6	4 1/2	3	13 1/4	7 7/8	8 1/4																6.00
2M	42	30	1 7/8		3/4	8	5	4	17 3/4	10 1/2	11																8.75
3	42	30	1 7/8		3/4	8	5	4	17 3/4	10 1/2	11																8.75
4	42	30	1 7/8		3/4	8	5	4	17 3/4	10 1/2	11																8.75
5	42	30	1 7/8		3/4	8	5	4	17 3/4	10 1/2	11																8.75

STANDARD SIGN
R5-1A

WISCONSIN DEPT OF TRANSPORTATION

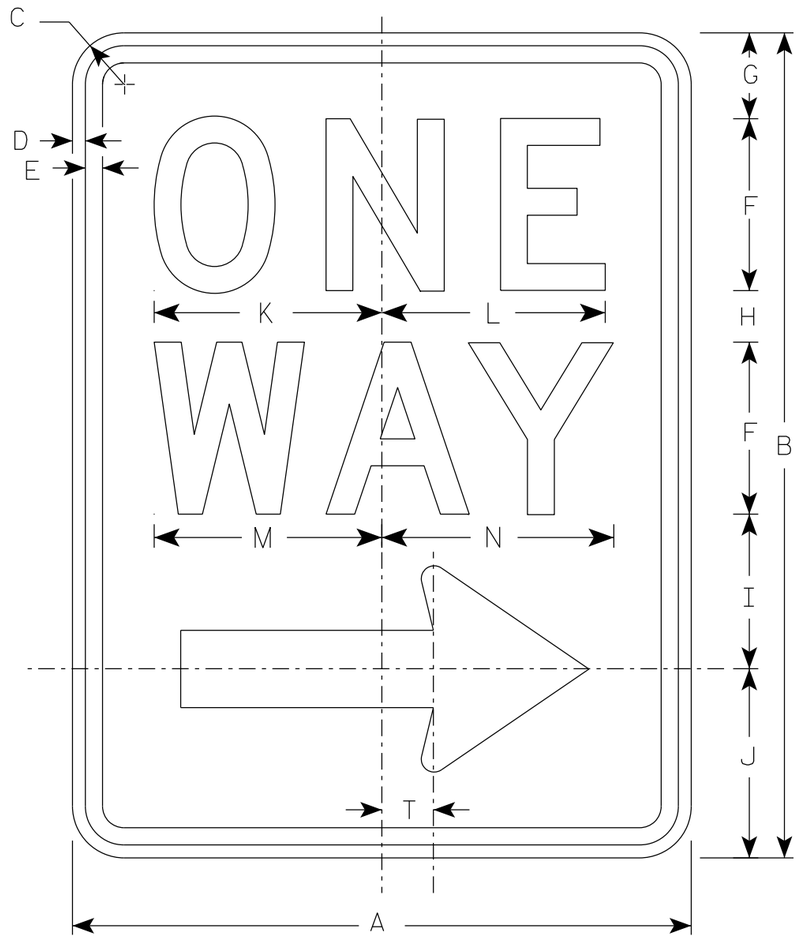
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 8/17/23 PLATE NO. R5-1A.3

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 754 | E

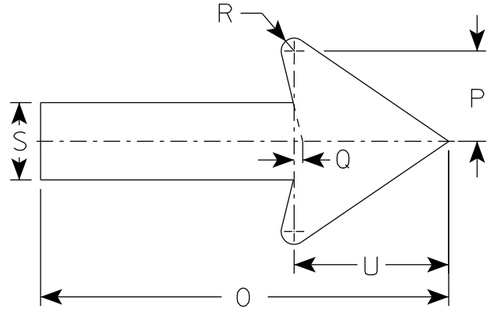
NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D
4. R6-2L same as R6-2R except arrow points to the left.



R6-2R

Arrow Detail



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
1	18	24	1 1/2	3/8	1/2	5	2 1/2	1 1/2	4 1/2	5 1/2	6 5/8	6 1/2	6 5/8	6 3/4	11 7/8	2 5/8	1/4	3/8	2 1/4	1 1/2	4 1/2					
2S	24	1 1/2	1 1/2	3/8	1/2	6	3	2 1/2	5 1/2	7	8 1/8	8 1/8	8 1/2	8 5/8	16	3 1/2	3/8	1/2	3	2	6					
2M	30	36	1 7/8	1/2	5/8	8	2 1/2	2 5/8	6 7/8	8	10 1/2	10 1/2	11 1/4	11 1/4	20	4 3/8	1/2	5/8	3 3/4	2 1/2	7 1/2					
3	36	48	1 7/8	1/2	5/8	10	5 1/4	3 1/4	9	10 1/2	12 3/4	12 3/4	13 1/4	13 1/2	24	5 5/8	1/2	3/4	4 3/4	3	9					
4	36	48	1 7/8	1/2	5/8	10	5 1/4	3 1/4	9	10 1/2	12 3/4	12 3/4	13 1/4	13 1/2	24	5 5/8	1/2	3/4	4 3/4	3	9					
5																										

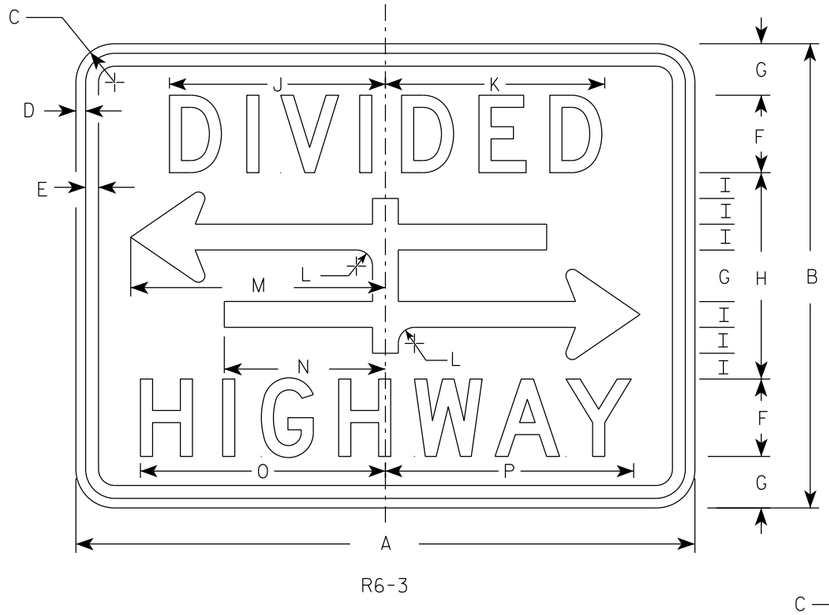
STANDARD SIGN
R6-2 R&L

WISCONSIN DEPT OF TRANSPORTATION

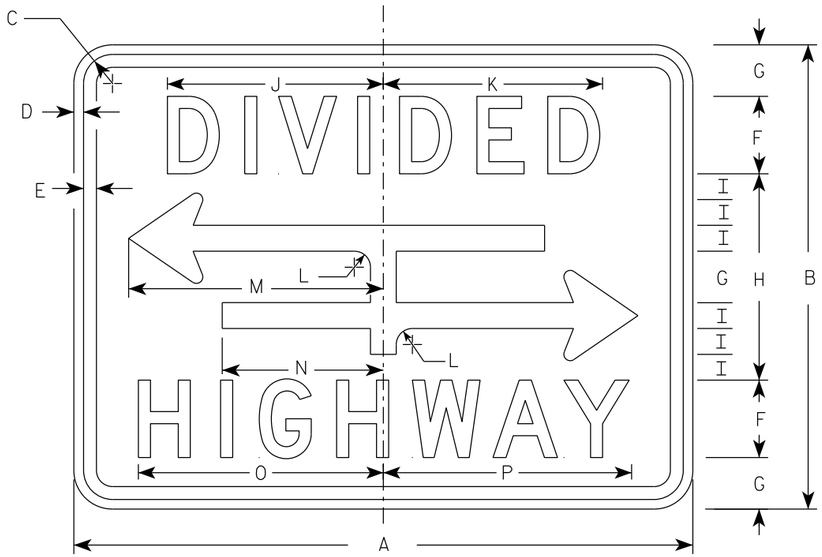
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/2/10 PLATE NO. R6-2.8

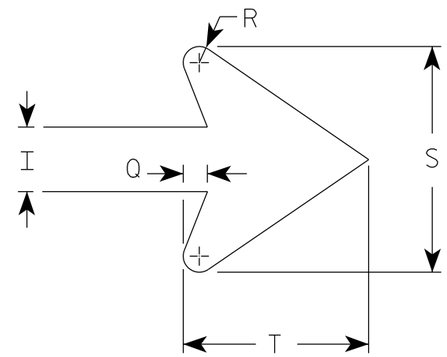
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 755	E



R6-3



R6-3A



ARROW DETAIL

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	24	1 1/2	3/8	1/2	4	2 5/8	10 3/4	1 3/8	10 1/2	10 5/8	7/8	12 1/2	7 7/8	12 1/4	12 3/8	1/2	3/8	4 5/8	3 5/8							5.0
2M	30	24	1 1/2	3/8	1/2	4	2 5/8	10 3/4	1 3/8	10 1/2	10 5/8	7/8	12 1/2	7 7/8	12 1/4	12 3/8	1/2	3/8	4 5/8	3 5/8							5.0
3																											
4																											
5																											

STANDARD SIGN
R6-3 & R6-3A

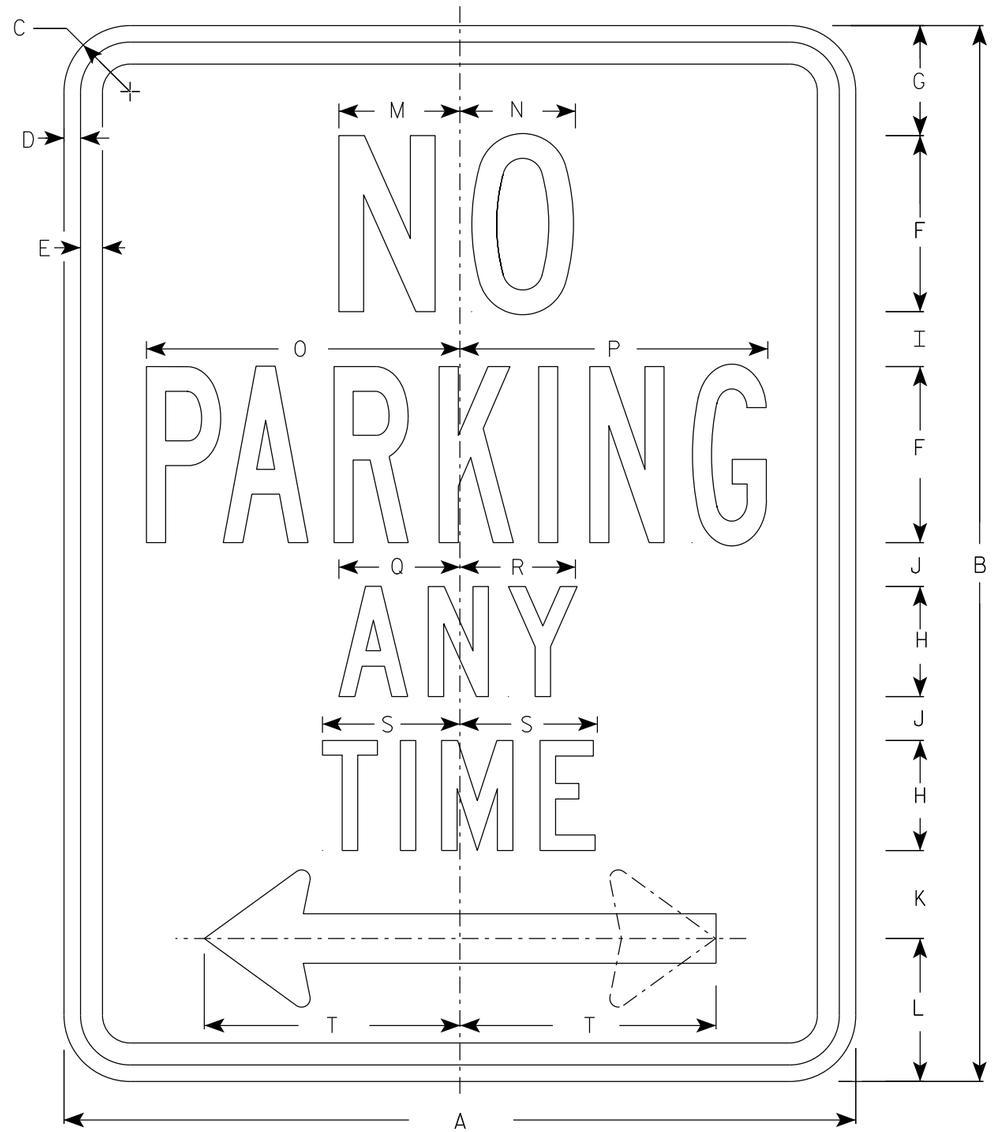
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 8/13/25 PLATE NO. R6-3.7

PROJECT NO:

SHEET NO: 756 E

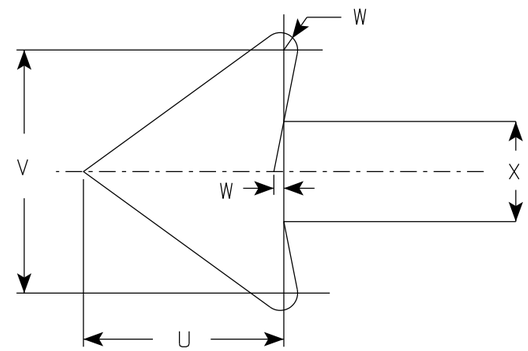


R7-1

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Red
3. Message Series - See Note 4
4. Lines 1, 3 and 4 are series C, line 2 is series B.
5. R7-1D (double arrow)
   R7-1L (left arrow)
   R7-1R (right arrow)

ARROW DETAIL



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	12	18	1 ½	⅜	⅜	3	1 ⅞	2	⅞	⅝	1 ½	2 ½	2	2	4 ⅞	4 ⅞	2 ¼	2 ⅛	2 ½	3 ⅞	1 ½	1 ¾	⅛	¾			1.5
2S	18	24	1 ½	⅜	½	4	2 ½	2 ½	1 ¼	1	2	3 ¼	2 ¾	2 ⅝	7 ⅛	7	2 ¾	2 ⅝	3 ⅛	5 ⅞	2 ¼	2 ⅝	¼	1 ⅛			3.0
2M	24	30	1 ½	⅜	½	5	3	3	2	1 ¼	2 ½	4	3 ¼	3 ⅜	9 ¼	9 ¼	3 ¼	3 ¼	3 ¾	7 ¾	3	3 ½	¼	1 ½			5.0
3	24	30	1 ½	⅜	½	5	3	3	2	1 ¼	2 ½	4	3 ¼	3 ⅜	9 ¼	9 ¼	3 ¼	3 ¼	3 ¾	7 ¾	3	3 ½	¼	1 ½			5.0
4																											
5																											

STANDARD SIGN
R7-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 10/26/23 PLATE NO. R7-1.11

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 757 | E

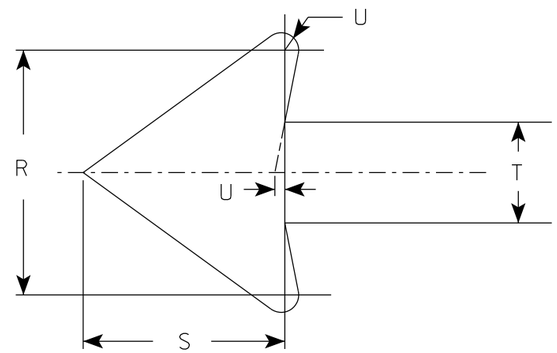
R7-2

* - See Note 5

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Red
3. Message Series - See Note 6
4. Substitute appropriate numerals as required & adjust spacing to achieve proper balance.
5. R7-2D (double arrow)
   R7-2L (left arrow)
   R7-2R (right arrow)
6. Lines 1, 3 and 4 are series C, line 2 is series B.

ARROW DETAIL



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	12	18	1 1/2	3/8	3/8	3	1 7/8	1 1/2	7/8	7/8	2	2 1/2	2	2	4 7/8	4 7/8	3 7/8	1 3/4	1 1/2	3/4	1/8						1.5
2S	18	24	1 1/2	3/8	1/2	4	2 1/2	2 1/2	1 1/4	1	2	3 1/4	2 3/4	2 5/8	7 1/8	7	5 7/8	2 5/8	2 1/4	1 1/8	1/4						3.0
2M	24	30	1 1/2	3/8	1/2	5	3	3	2	1 1/4	2 1/2	4	3 1/4	3 3/8	9 1/4	9 1/4	7 3/4	3 1/2	3	1 1/2	1/4						5.0
3	24	30	1 1/2	3/8	1/2	5	3	3	2	1 1/4	2 1/2	4	3 1/4	3 3/8	9 1/4	9 1/4	7 3/4	3 1/2	3	1 1/2	1/4						5.0
4																											
5																											

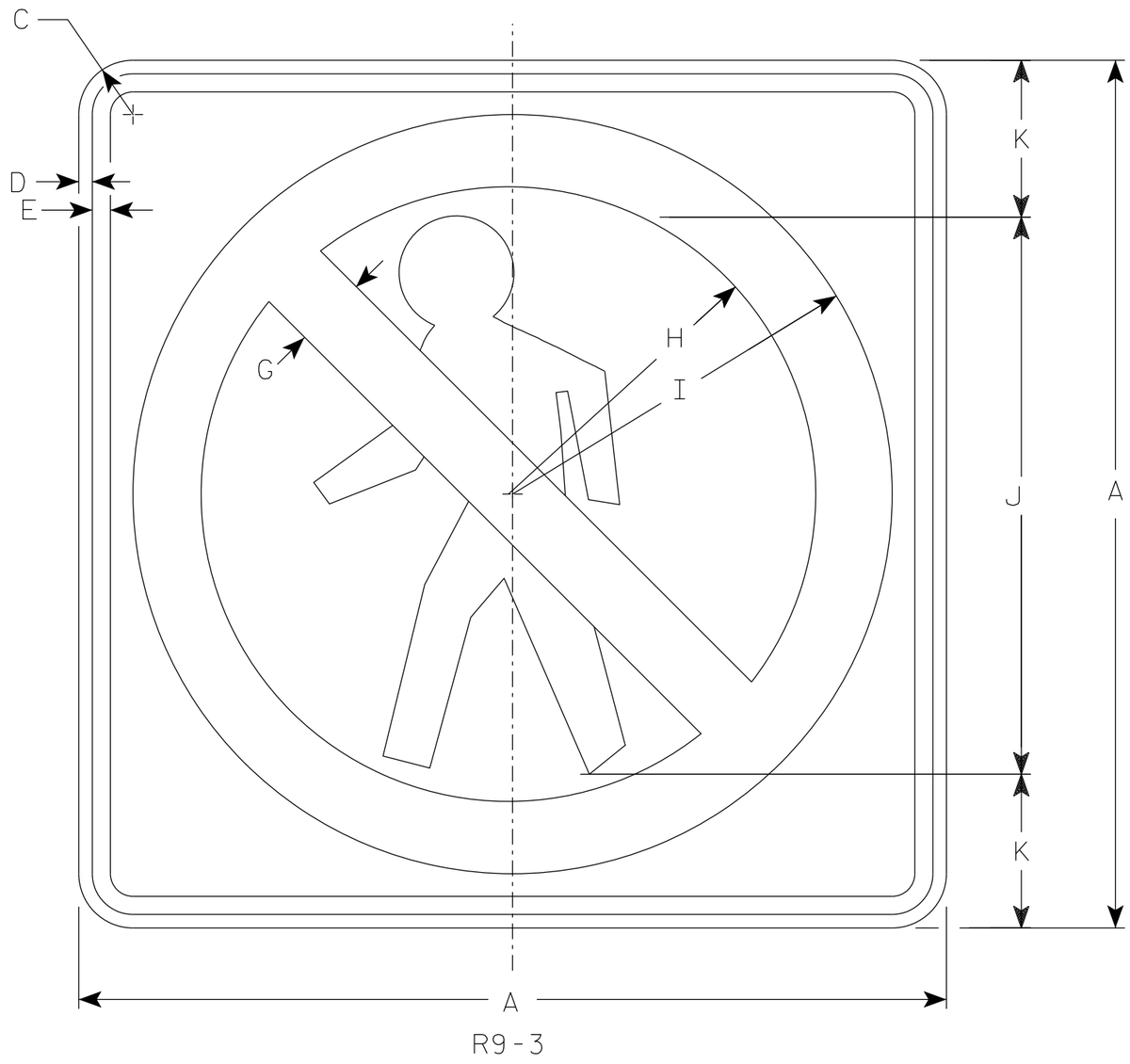
STANDARD SIGN
R7-2

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 10/26/23 PLATE NO. R7-2.10

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 758	E



R9-3

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - See note 3
3. Border & Pedestrian are non-reflective black.
   Circle with diagonal bar is reflective red.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	18		1 1/2	3/8	3/8		1 1/2	6 1/4	7 7/8	12	3																2.25
2S	24		1 1/2	3/8	1/2		2	8 1/2	10 1/2	15	4																4.00
2M	24		1 1/2	3/8	1/2		2	8 1/2	10 1/2	15	4																4.00
3																											
4																											
5																											

STANDARD SIGN
R9-3

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/20/25 PLATE NO. R9-3.1

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

R9-3A

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - Lines 1 & 3 are Series C
   Line 2 is Series B

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	12	18	1 ½	⅜	⅜	3	2	2 ¼	3 ½	4 ⅞																	1.5
2M	12	18	1 ½	⅜	⅜	3	2	2 ¼	3 ½	4 ⅞																	1.5
3																											
4																											
5																											

STANDARD SIGN
R9-3A

WISCONSIN DEPT OF TRANSPORTATION

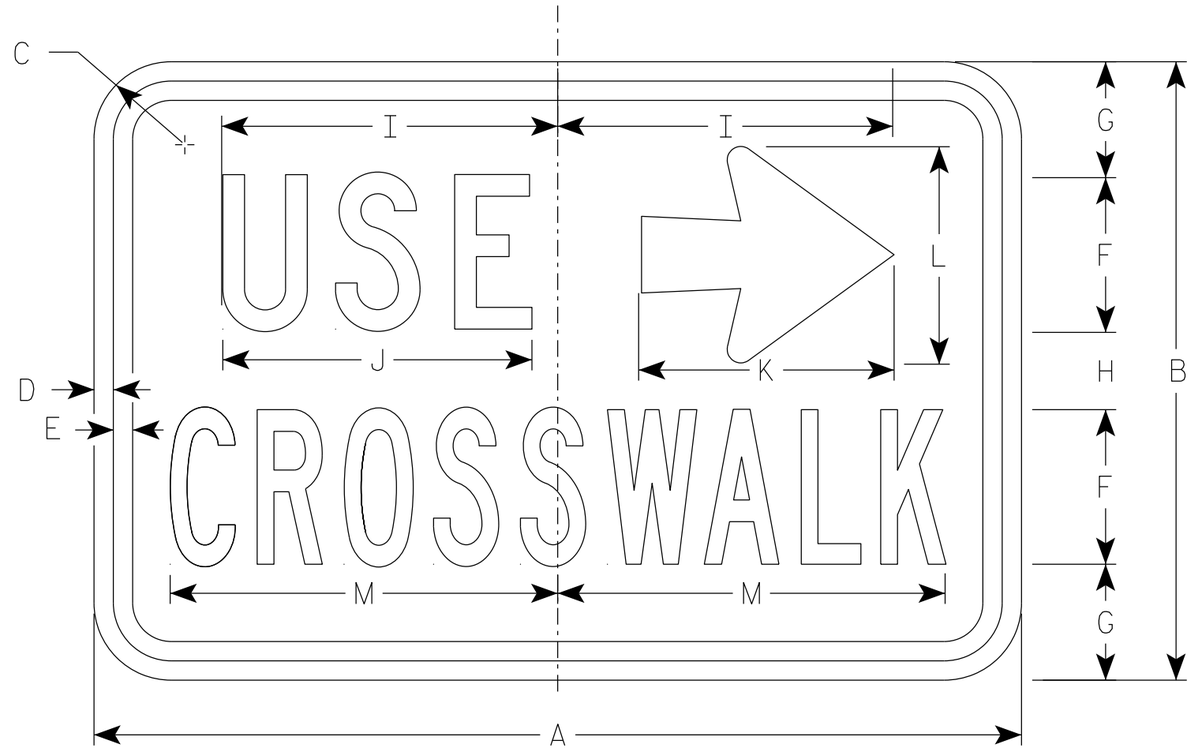
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/20/25 PLATE NO. R9-3A.1

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 760 E

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - C Line 1, Series B Line 2



R9-3B

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	18	12	1 1/2	3/8	3/8	3	2 1/4	1 1/2	6 1/2	6	5	4 1/4	7 1/2														1.5
2M	18	12	1 1/2	3/8	3/8	3	2 1/4	1 1/2	6 1/2	6	5	4 1/4	7 1/2														1.5
3																											
4																											
5																											

STANDARD SIGN
R9-3B

WISCONSIN DEPT OF TRANSPORTATION

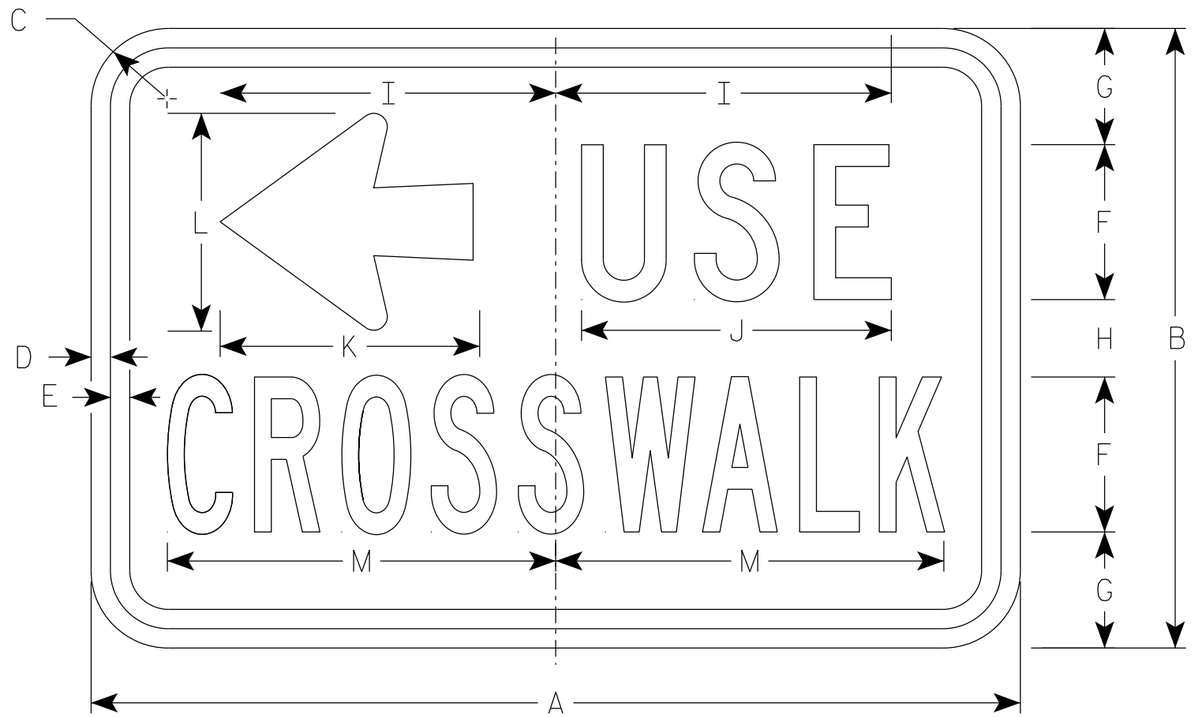
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/23/24 PLATE NO. R9-3B.3

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 761 | E

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - C Line 1, Series B Line 2



R9-3BL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	18	12	1 ½	⅜	⅜	3	2 ¼	1 ½	6 ½	6	5	4 ¼	7 ½														1.5
2M	18	12	1 ½	⅜	⅜	3	2 ¼	1 ½	6 ½	6	5	4 ¼	7 ½														1.5
3																											
4																											
5																											

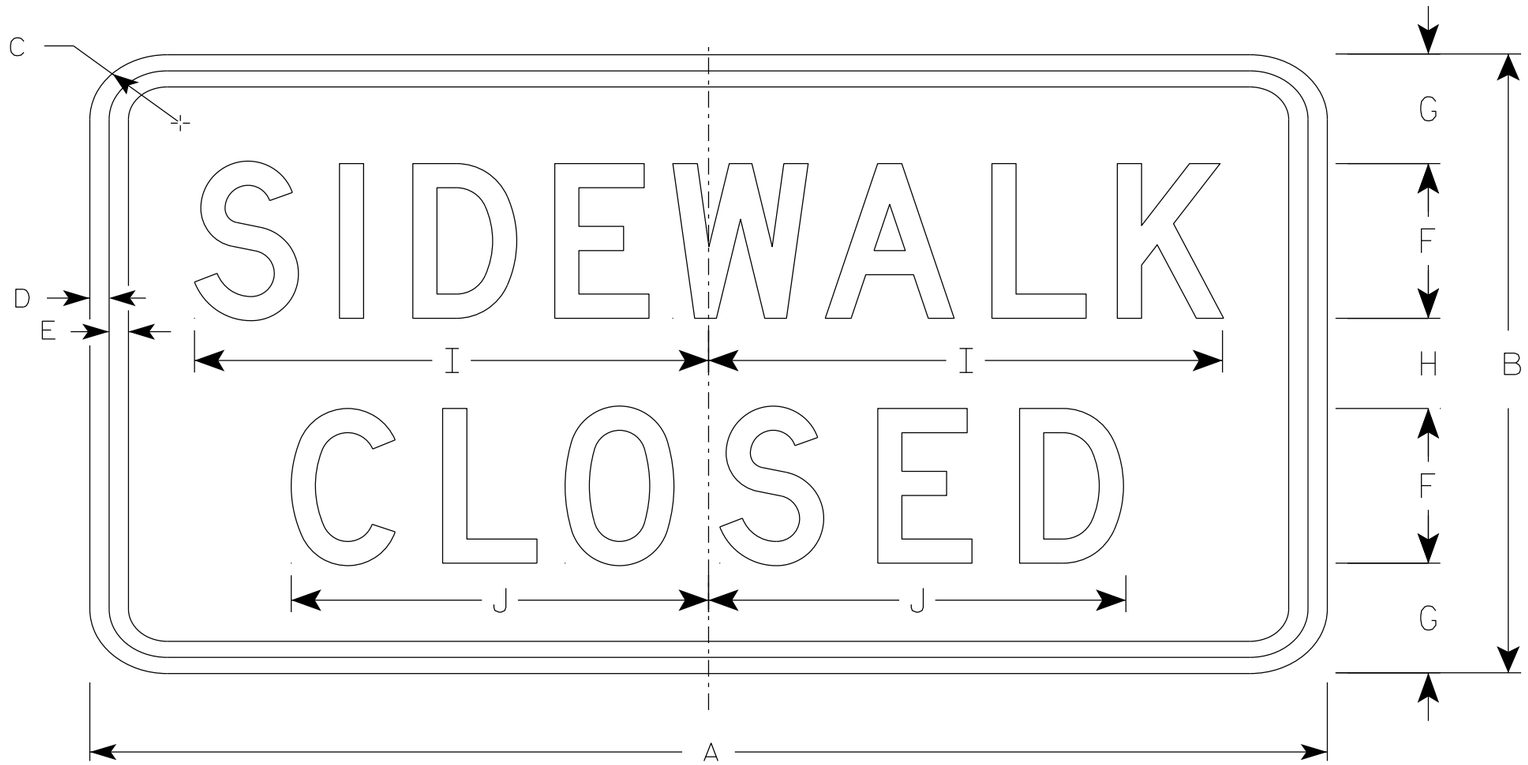
STANDARD SIGN
R9-3BL

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/23/24 PLATE NO. R9-3BL.2

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 762	E



R9-9

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - C
4. Use Size 2 for Sidewalks. Use Size 3 for Paths and Trails.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	12	1 ½	½	½	3	2 ⅛	1 ¾	10	8 ⅛																	2.0
2M	24	12	1 ½	½	½	3	2 ⅛	1 ¾	10	8 ⅛																	2.0
3	30	18	1 ½	½	½	4	3 ½	3	12 ½	10 ¼																	3.75
4																											
5																											

STANDARD SIGN
R9-9

WISCONSIN DEPT OF TRANSPORTATION

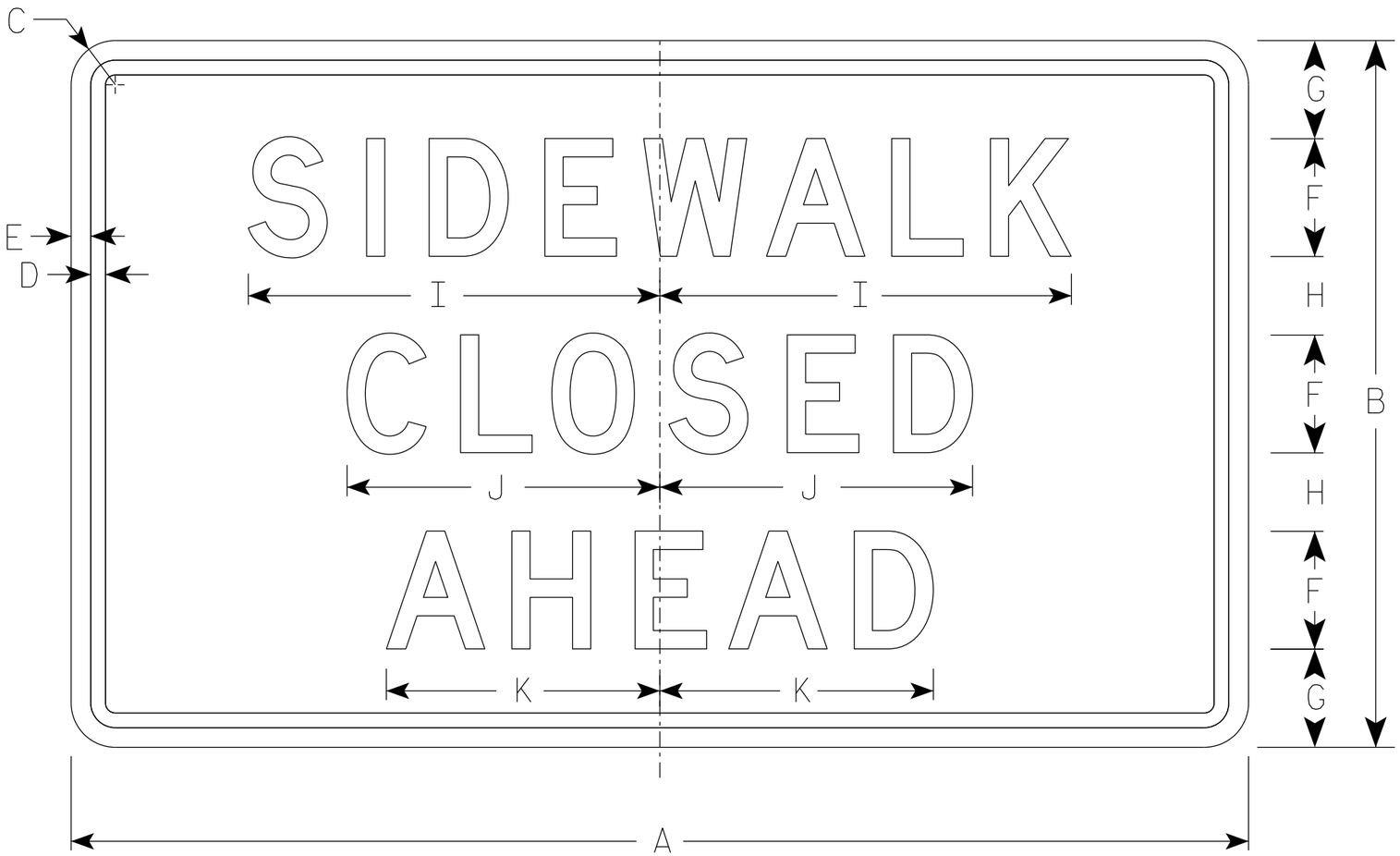
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/24/24 PLATE NO. R9-9.7

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 763 | E

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D



R9-9A

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	18	1 ½	⅜	½	3	2 ½	2	10 ½	8	7																3.75
2M	30	18	1 ½	⅜	½	3	2 ½	2	10 ½	8	7																3.75
3																											
4																											
5																											

STANDARD SIGN
R9-9A

WISCONSIN DEPT OF TRANSPORTATION

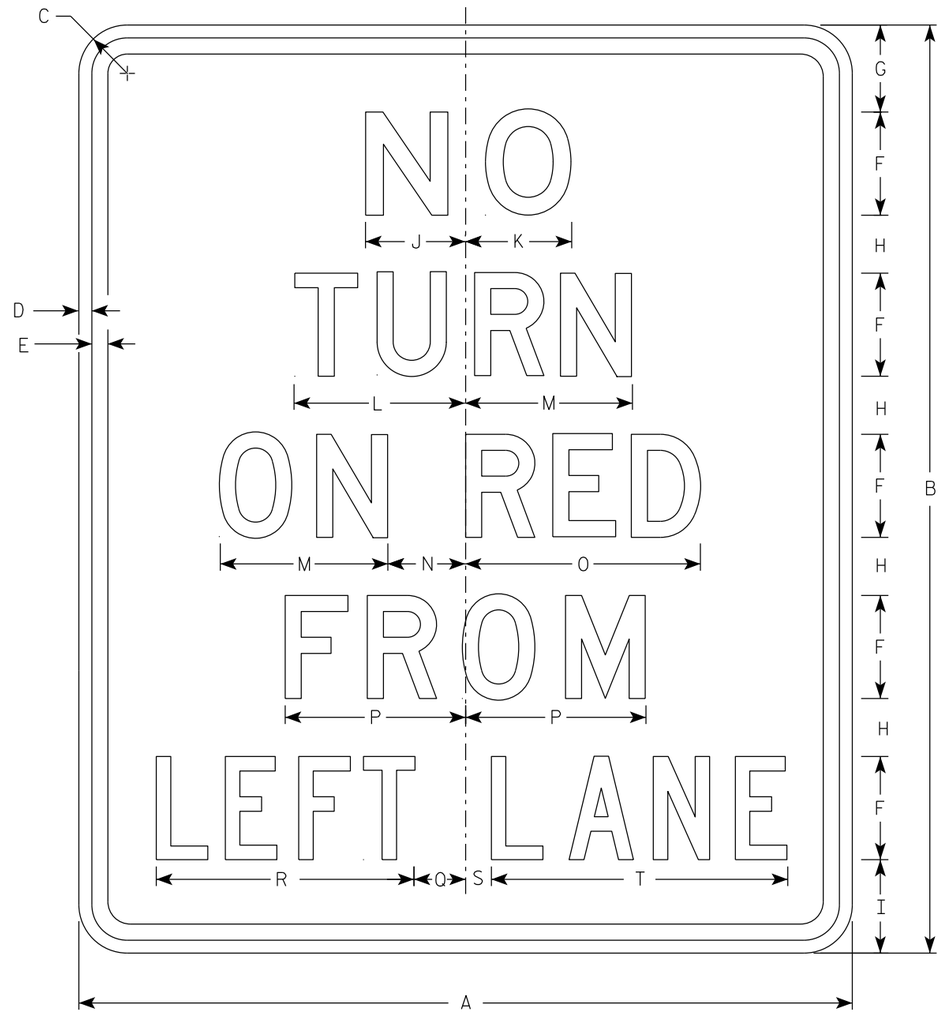
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/24/24 PLATE NO. R9-9A.2

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 764 | E

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\R99A.DGN PLOT DATE : 24-JAN 2024 11:58 PLOT BY : mscj9h PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42

7 7



R10-11F

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - Line 1 is Series E.
   Lines 2, 3 and 4 are Series D.
   Line 5 is Series C.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	36	1 7/8	1/2	5/8	4	3 3/8	2 1/4	3 5/8	3 7/8	4 1/8	6 5/8	6 1/2	3	9 1/8	7	2	10	1	11 1/2							7.5
2M	30	36	1 7/8	1/2	5/8	4	3 3/8	2 1/4	3 5/8	3 7/8	4 1/8	6 5/8	6 1/2	3	9 1/8	7	2	10	1	11 1/2							7.5
3																											
4																											
5																											

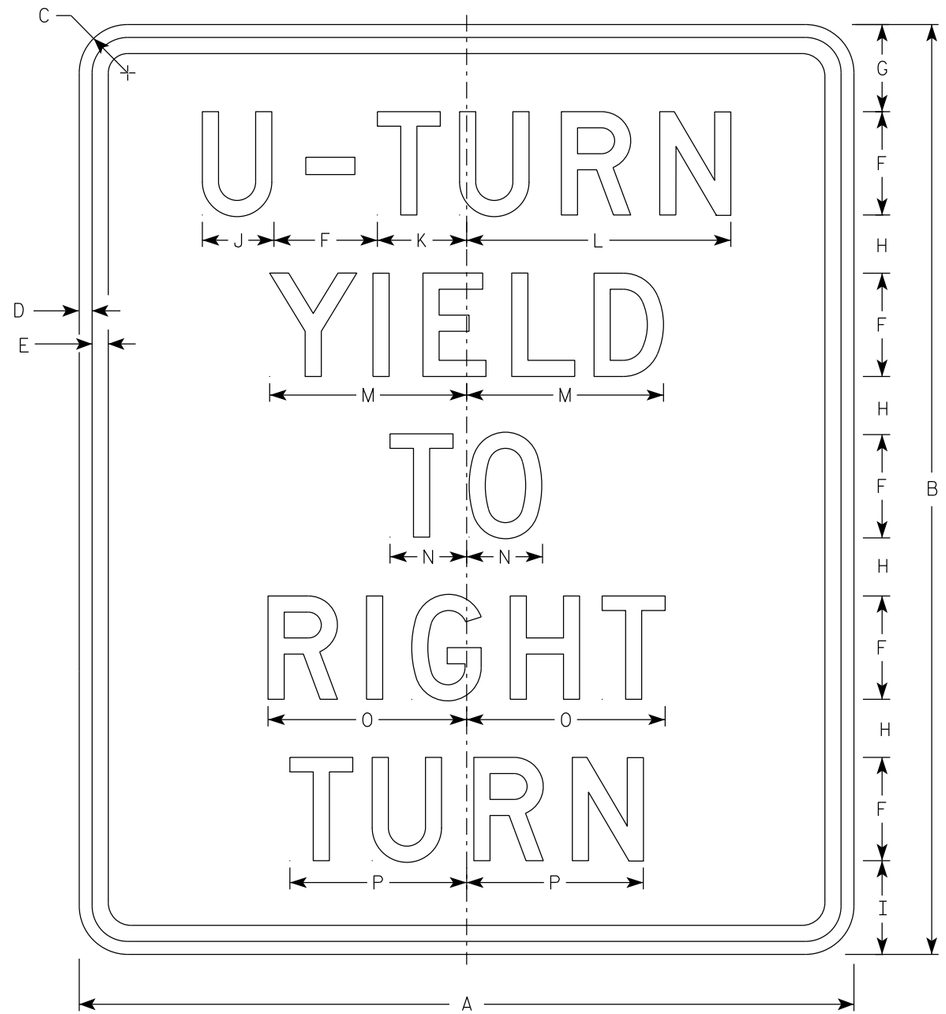
STANDARD SIGN
R10-11F

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/31/24 PLATE NO. R10-11F.4

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 765 | E



R10-16

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	36	1 7/8	1/2	5/8	4	3 3/8	2 1/4	3 5/8	2 3/4	3 1/2	10 1/4	7 5/8	3	7 3/4	6 7/8											7.5
2M	30	36	1 7/8	1/2	5/8	4	3 3/8	2 1/4	3 5/8	2 3/4	3 1/2	10 1/4	7 5/8	3	7 3/4	6 7/8											7.5
3																											
4																											
5																											

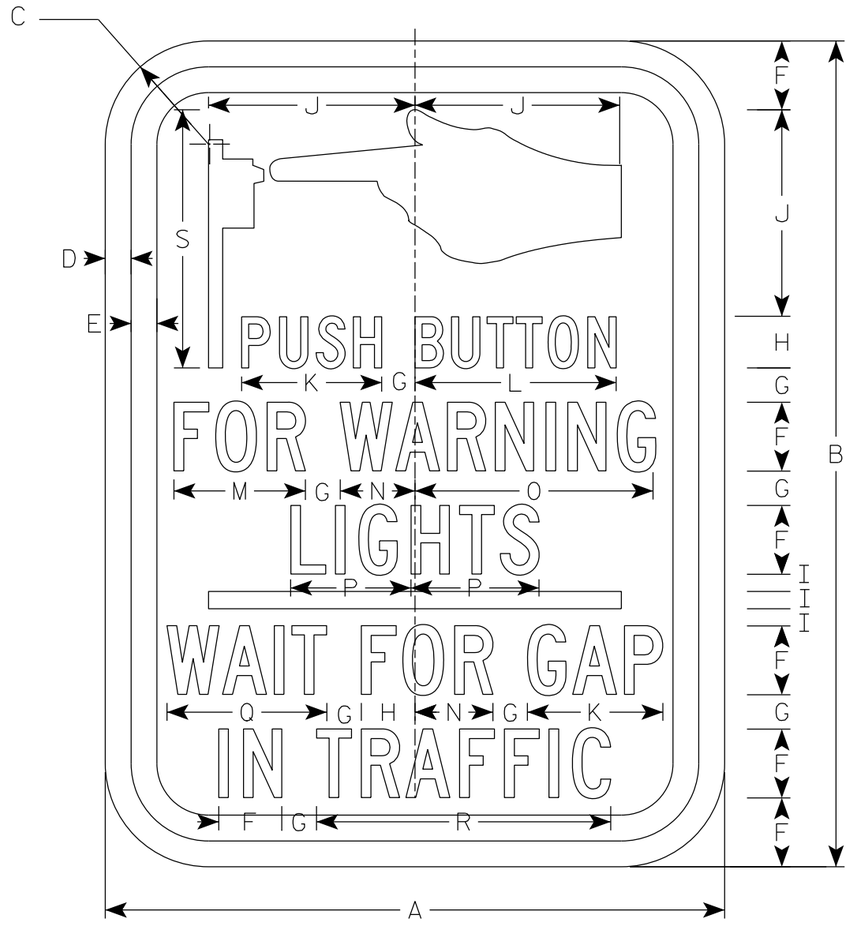
STANDARD SIGN
R10-16

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/5/24 PLATE NO. R10-16.2

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 766	E



R10-25

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - C

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	9	12	1 1/2	3/8	3/8	1	1/2	3/4	1/4	3	2	2 7/8	1 7/8	1 1/8	3 1/2	1 3/4	2 3/8	4 1/4	3 3/4								.75
2M	9	12	1 1/2	3/8	3/8	1	1/2	3/4	1/4	3	2	2 7/8	1 7/8	1 1/8	3 1/2	1 3/4	2 3/8	4 1/4	3 3/4								.75
3																											
4																											
5																											

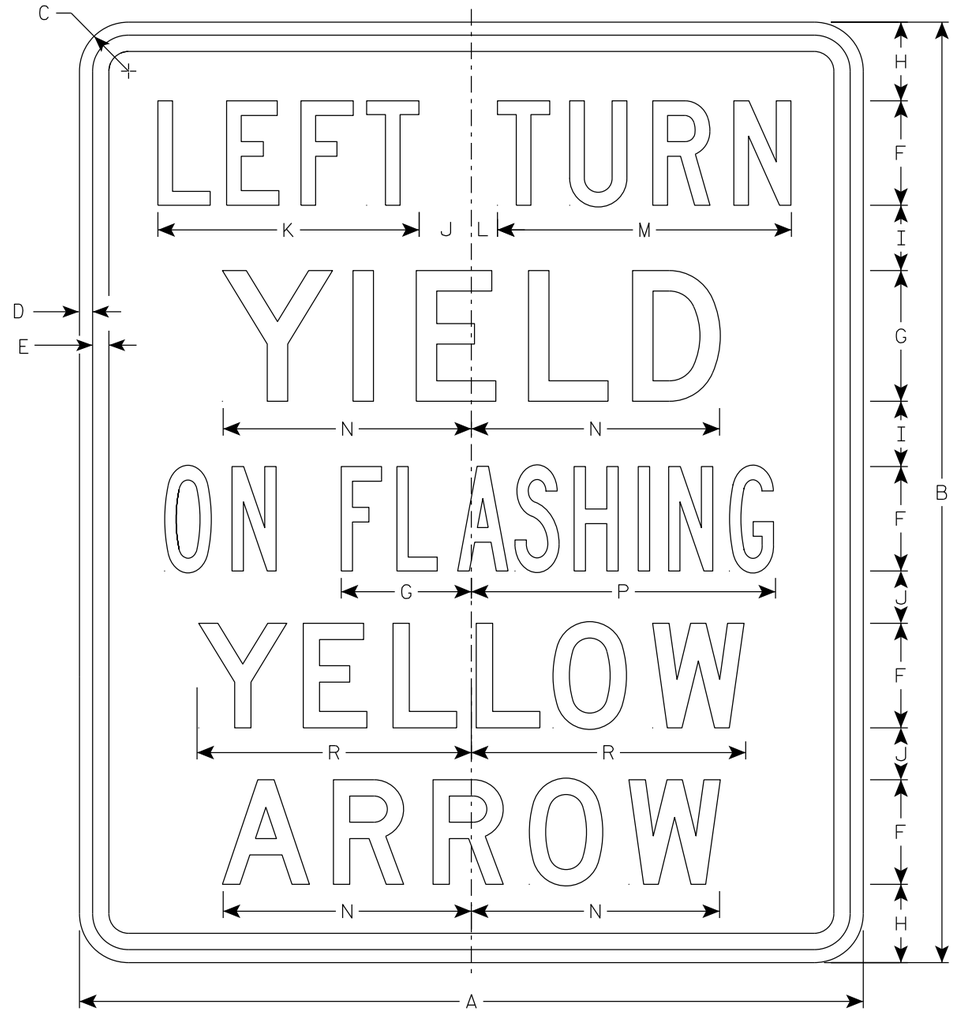
STANDARD SIGN
R10-25

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 4/16/26 PLATE NO. R10-25.3

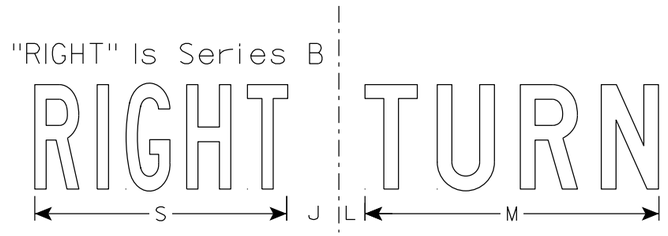
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 767 | E



R10-50L

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - Line 1 is Series C.
   Lines 2, 4 and 5 are Series D.
   Line 3 is Series B.



R10-50R

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	36	1 7/8	1/2	5/8	4	5	3	2 1/2	2	10	1	11 1/4	9 1/2	4 1/4	11 5/8		10 1/2	9 5/8								7.5
2M	30	36	1 7/8	1/2	5/8	4	5	3	2 1/2	2	10	1	11 1/4	9 1/2	4 1/4	11 5/8		10 1/2	9 5/8								7.5
3																											
4																											
5																											

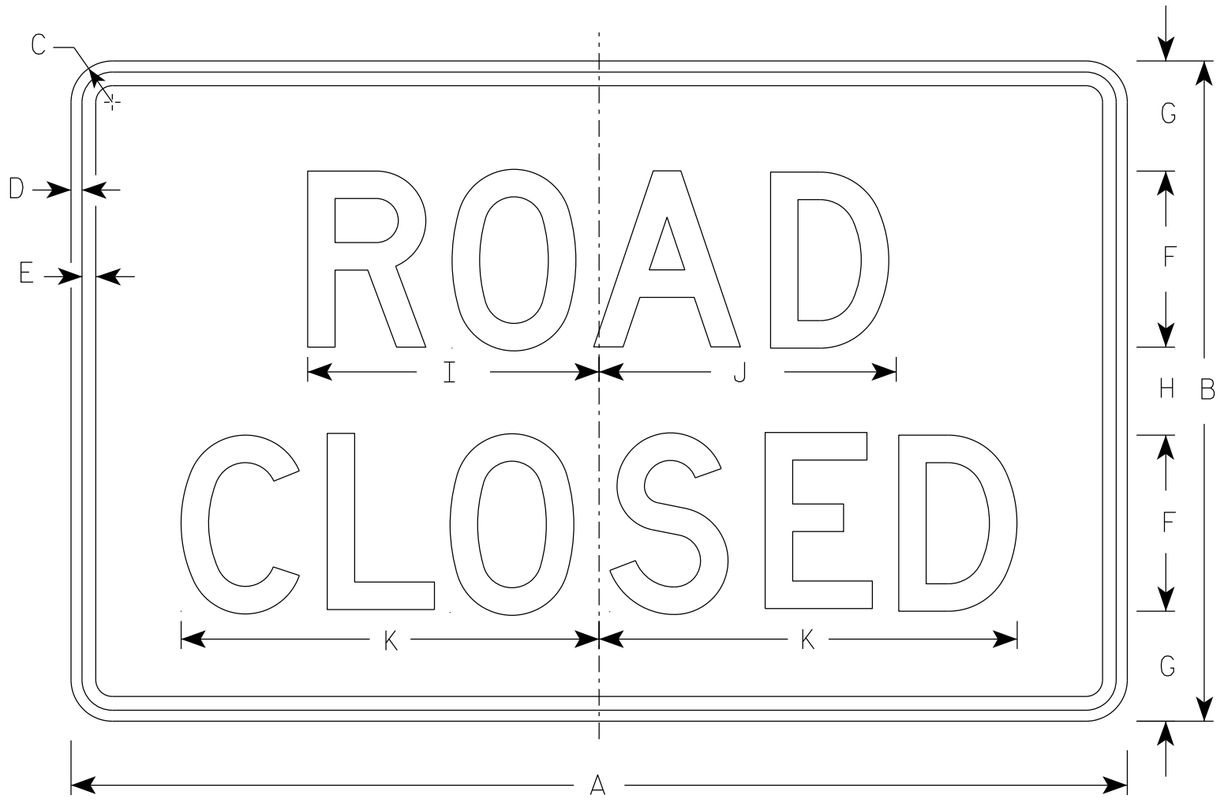
STANDARD SIGN
R10-50

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/5/24 PLATE NO. R10-50.3

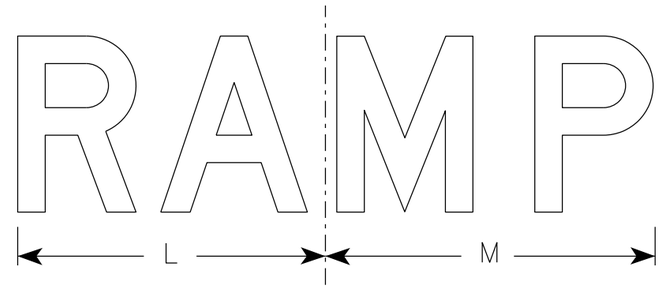
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 768 | E



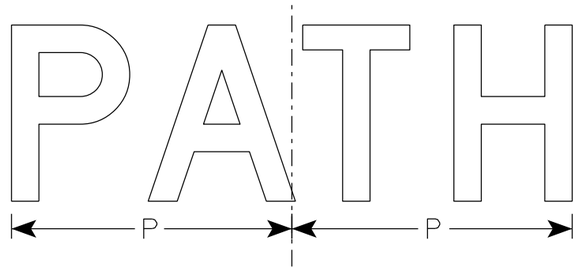
R11-2

NOTES

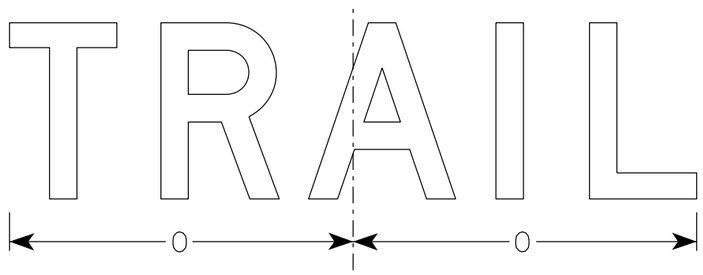
1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Modify the message as required.



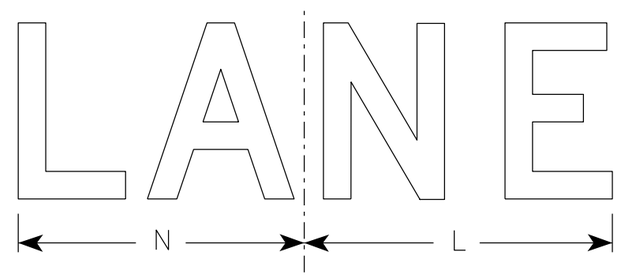
R11-2R



R11-2C



R11-2T



R11-2L

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	48	30	1 7/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13	15 5/8	12 3/4											10.0
2M	48	30	1 7/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13	15 5/8	12 3/4											10.0
3	48	30	1 7/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13	15 5/8	12 3/4											10.0
4	48	30	1 7/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13	15 5/8	12 3/4											10.0
5	48	30	1 7/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13	15 5/8	12 3/4											10.0

STANDARD SIGN
R11-2

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

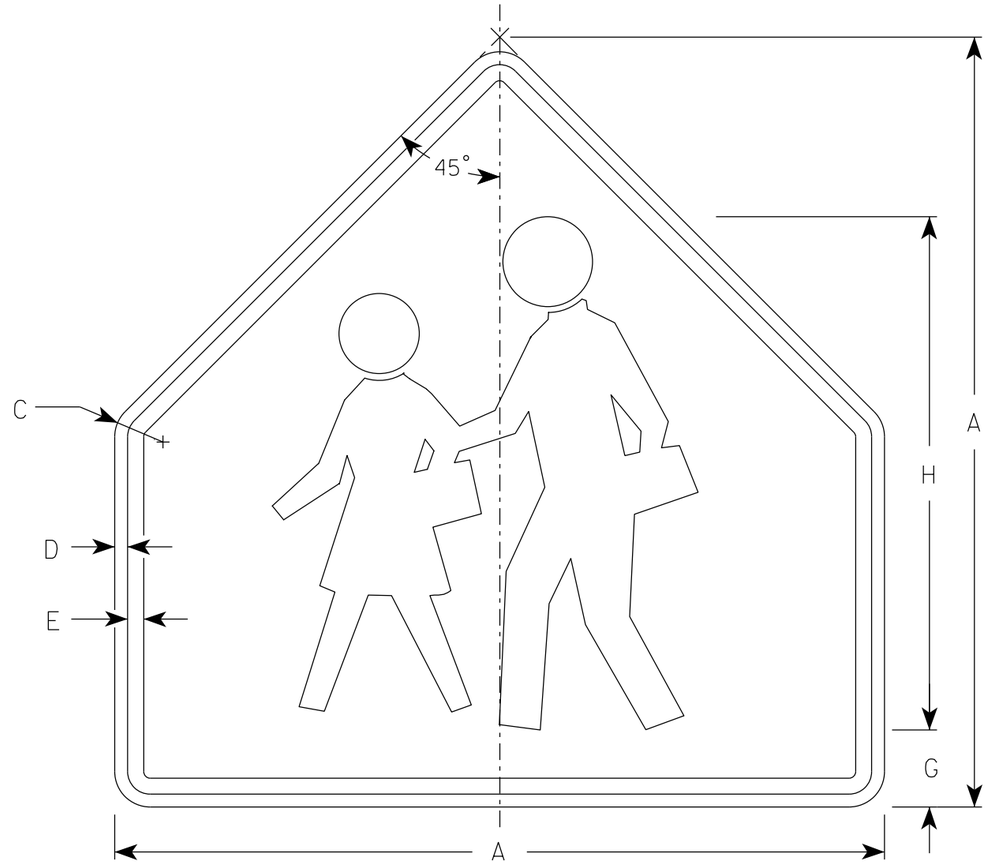
DATE 2/3/26 PLATE NO. R11-2.13

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E

FILE NAME : C:\Users\PROJECTS\tr_stdplate\R112.dgn PLOT DATE : 3-FEB 2026 9:02 PLOT BY : dotc4c PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow-Green
   Message - Black



S1-1

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30		1 3/8	1/2	5/8		3	20																			4.69
2S	36		1 5/8	5/8	3/4		3 1/2	24																			6.75
2M	36		1 5/8	5/8	3/4		3 1/2	24																			6.75
3	36		1 5/8	5/8	3/4		3 1/2	24																			6.75
4	48		1 7/8	3/4	1		4 3/4	32																			12
5																											

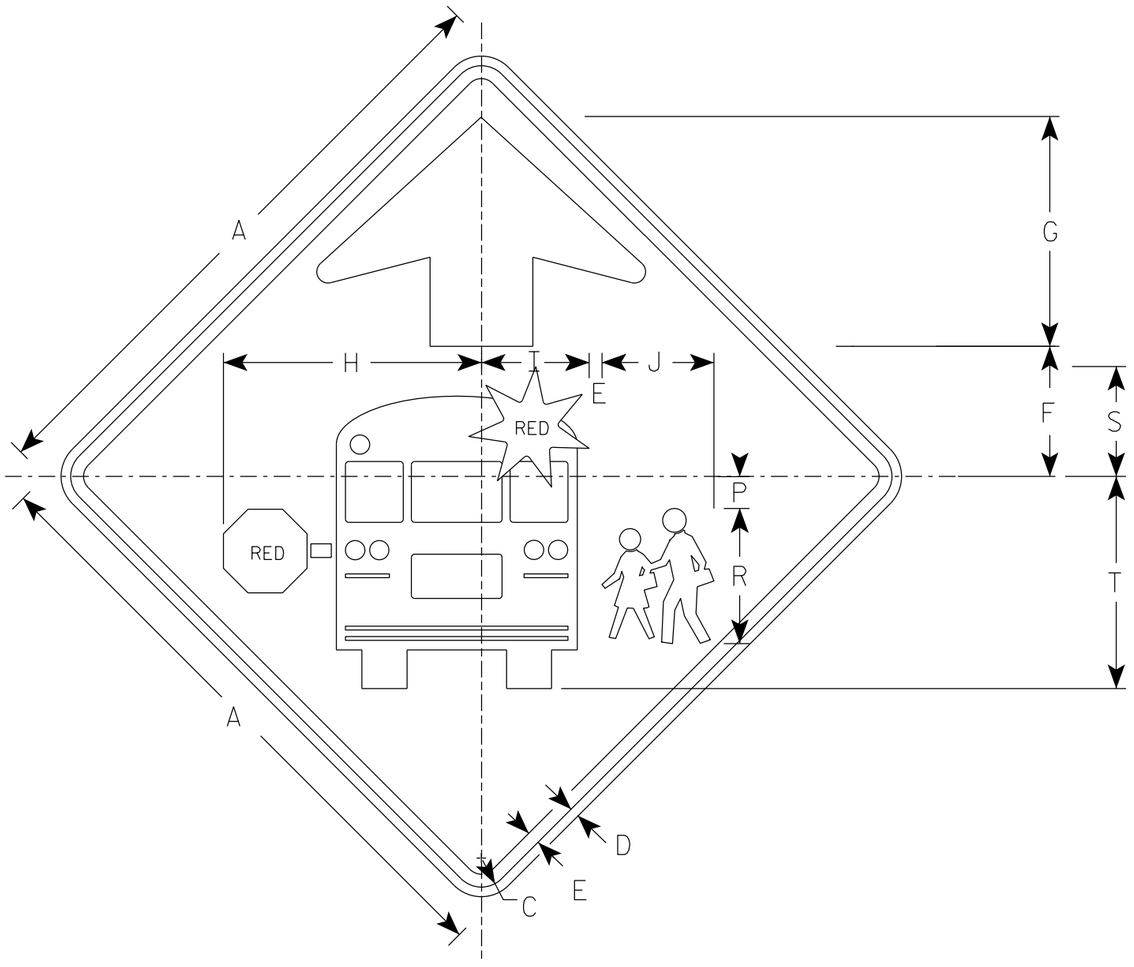
STANDARD SIGN
S1-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/16/2023 PLATE NO. S1-1.9

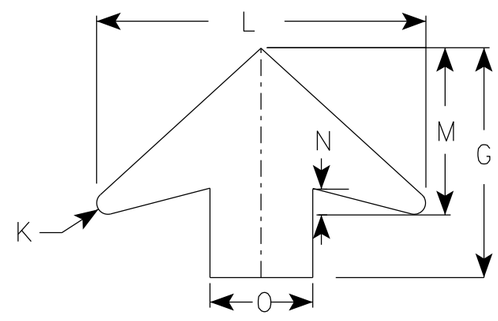
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 770 E



S3-1

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - YELLOW-GREEN
   Message - BLACK except as noted
   Circles except PEDS- RED BACKGROUND



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30		1 7/8	1/2	5/8	6 1/4	11 1/4	12 1/2	5 1/4	5 1/2	1/2	16	8	1 1/4	5	1 1/2		6 5/8	5 3/8	10 3/8							6.25
2S	36		2 1/4	5/8	3/4	7 1/2	13 1/2	15 1/8	6 1/4	6 1/2	5/8	19 1/4	9 3/4	1 5/8	6	1 7/8		7 7/8	6 3/8	12 3/8							9.0
2M	36		2 1/4	5/8	3/4	7 1/2	13 1/2	15 1/8	6 1/4	6 1/2	5/8	19 1/4	9 3/4	1 5/8	6	1 7/8		7 7/8	6 3/8	12 3/8							9.0
3	48		3	3/4	1	10	17 7/8	20 1/8	8 3/8	8 3/4	7/8	25 5/8	13	2	8	2 1/2		10 1/2	8 1/2	16 1/2							16.0
4	48		3	3/4	1	10	17 7/8	20 1/8	8 3/8	8 3/4	7/8	25 5/8	13	2	8	2 1/2		10 1/2	8 1/2	16 1/2							16.0
5																											

STANDARD SIGN
S3-1

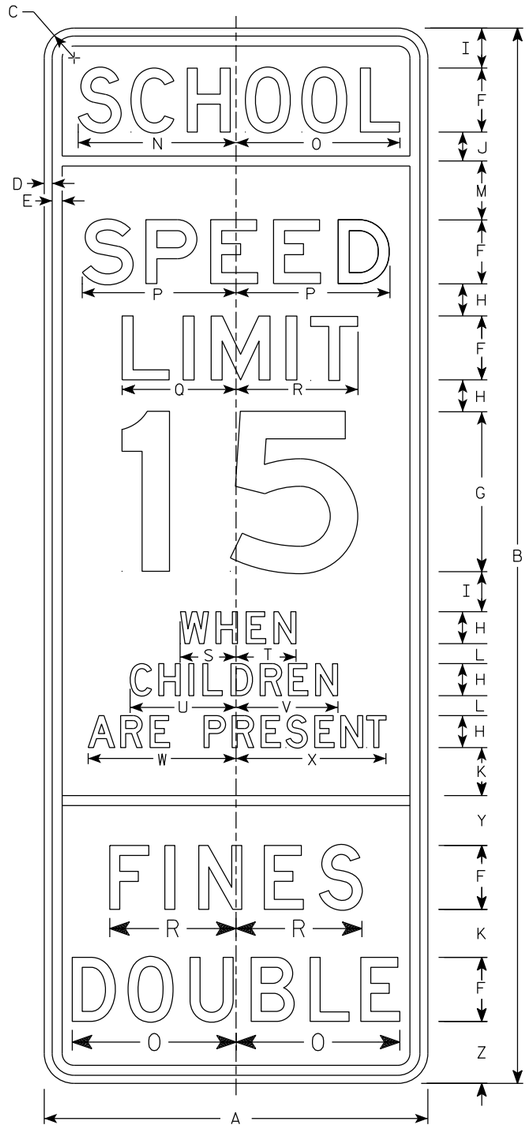
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/22/2023 PLATE NO. S3-1.7

PROJECT NO:

SHEET NO: 771 E



S4-51

NOTES

1. Sign is Type II - See Note 2 for Sheeting Type
2. Color:
   Background - See Note 4
   Message - Black
3. Message Series - See Note 5
4. Top panel (SCHOOL) background - Yellow Green - Type F Reflective
   Lower panels background - White - Type SH Reflective
5. From top to bottom:
   Lines 1, 5, 6, 7, 8 & 9 are series D
   Lines 2, 3 & 4 are series E
6. Line 4 substitute appropriate numerals and adjust spacing to achieve proper balance.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	66	1 7/8	1/2	5/8	4	10	2	2 1/2	1 3/4	3	1 1/4	3 3/4	9 7/8	10 1/4	9 5/8	7 1/8	7 5/8	3 1/2	3 3/8	6 5/8	6 3/8	9 1/4	9 3/8	3 1/8	3 7/8	11.0
2M	24	66	1 7/8	1/2	5/8	4	10	2	2 1/2	1 3/4	3	1 1/4	3 3/4	9 7/8	10 1/4	9 5/8	7 1/8	7 5/8	3 1/2	3 3/8	6 5/8	6 3/8	9 1/4	9 3/8	3 1/8	3 7/8	11.0
3	36	96	3	3/4	1	6	15	3	3 3/4	2 3/4	4 1/2	1 7/8	5 1/2	15	15 1/4	14 1/2	11 1/4	11 1/2	5 1/2	5 3/4	10	9 3/4	14	14 1/8	3 1/2	4 1/8	24.0
4																											
5																											

STANDARD SIGN
S4-51

WISCONSIN DEPT OF TRANSPORTATION

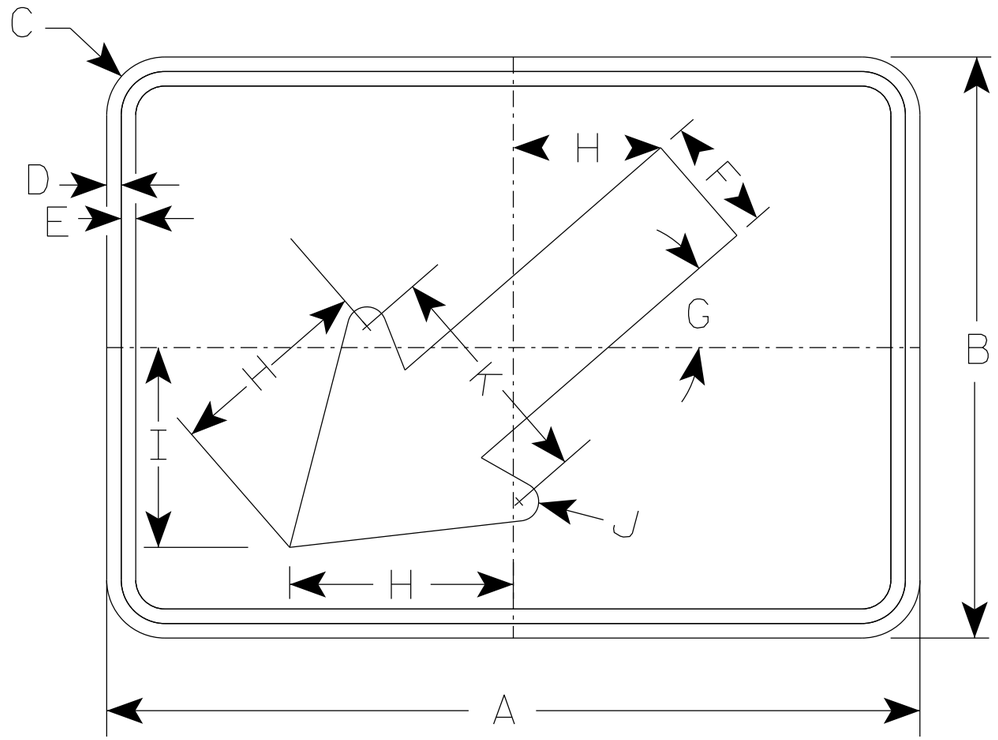
APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 4/15/26 PLATE NO. S4-51.12

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 772 | E

7

7



S16-7L

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow-Green
   Message - Black
3. S16-7R is the same as S16-7L
   except the arrow is reversed along the vertical centerline.

* For 36" x 36" Warning Signs, use 30" x 21" W16-7L signs.
* For 48" x 48" Warning Signs, use 42" x 24" W16-7L signs.

	SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
	1																											
	2S	21	15	1 1/2	3/8	3/8	3	41°	5 1/4	5 1/8	1/2	6																2.19
*	2M	30	21	1 1/2	3/8	1/2	4 1/2	41°	8 5/8	7 3/4	5/8	9 1/4																4.38
*	3	30	21	1 1/2	3/8	1/2	4 1/2	41°	8 5/8	7 3/4	5/8	9 1/4																4.38
*	4	42	24	1 7/8	1/2	5/8	6	41°	10 1/4	9 1/8	1	12																7.0
	5																											

STANDARD SIGN
S16-7

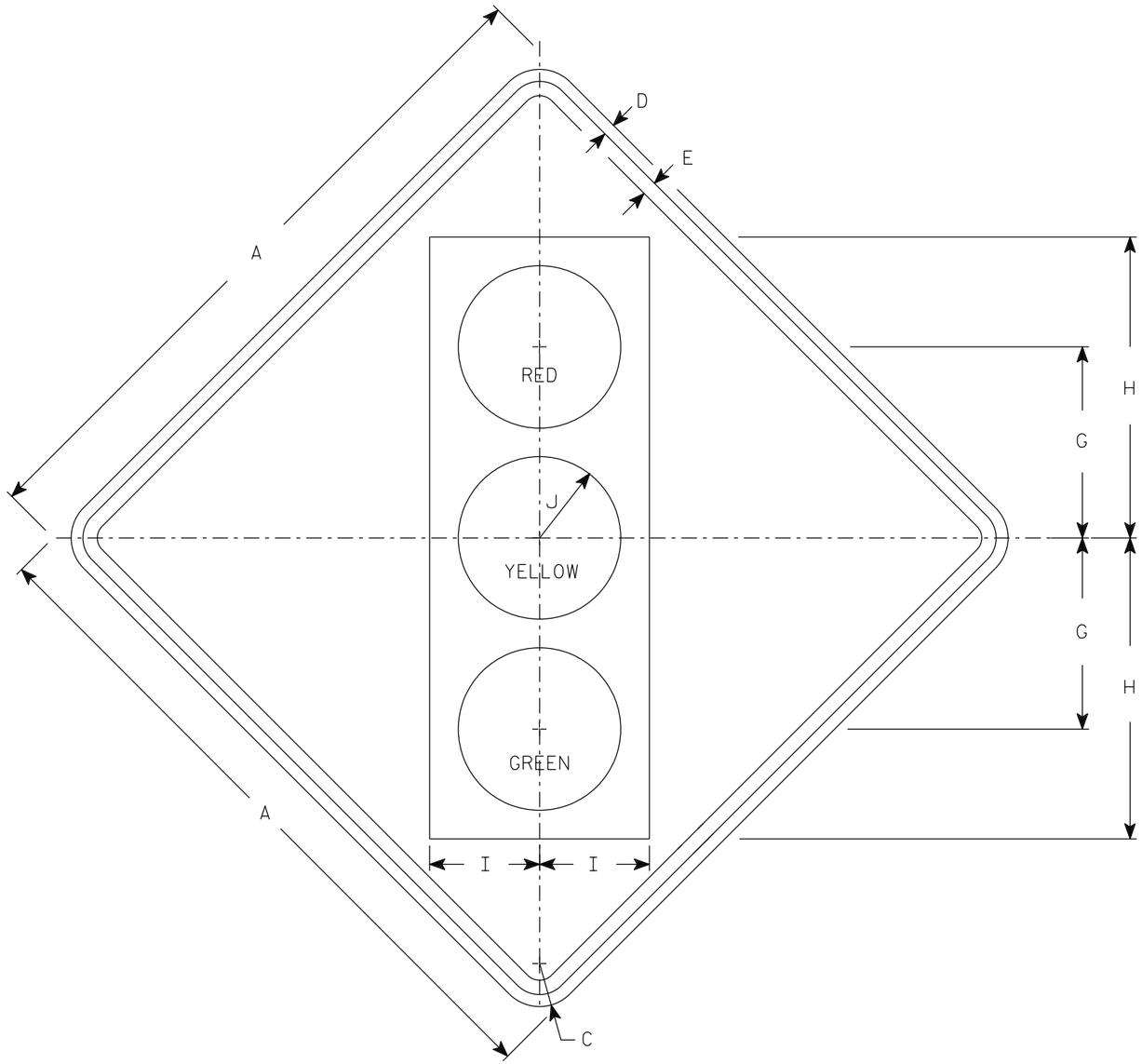
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 4/30/26 PLATE NO. S16-7.4

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 773	E

7



W3-3

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - See Note 3
3. Symbol and border are non-reflective black.
   Top circle - Type H Reflectorized Red
   Center circle - Same as background
   Bottom circle - Type H Reflectorized Green

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30		1 7/8	1/2	5/8		8 3/4	13 3/4	5	3 3/4																	6.25
2S	36		2 1/4	5/8	3/4		10	15 3/4	5 3/4	4 1/4																	9.0
2M	36		2 1/4	5/8	3/4		10	15 3/4	5 3/4	4 1/4																	9.0
3	36		2 1/4	5/8	3/4		10	15 3/4	5 3/4	4 1/4																	9.0
4	48		3	3/4	1		12 1/2	20	7 1/2	5																	16.0
5	48		3	3/4	1		12 1/2	20	7 1/2	5																	16.0

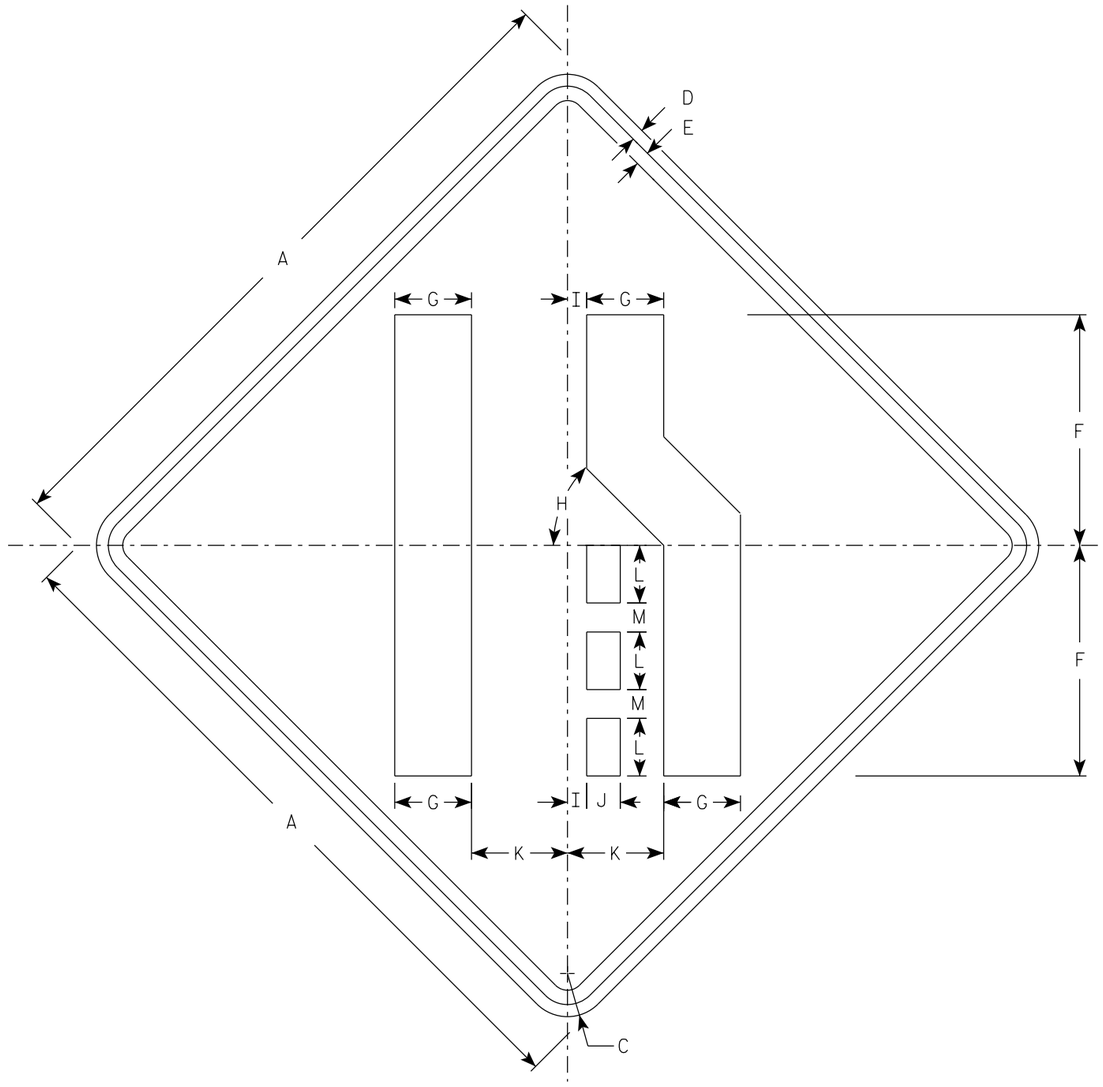
STANDARD SIGN
W3-3

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 8/21/2023 PLATE NO. W3-3.12

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 774	E



W4-2R

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - Black
3. W4-2L is the same as W4-2R except the symbolis reversed along the vertical centerline.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30		1 7/8	1/2	5/8	10	3 3/8	45°	7/8	1 1/2	4 1/4	2 1/2	1 1/4														6.25
2S	36		2 1/4	5/8	3/4	12	4	45°	1	1 3/4	5	3	1 1/2														9.0
2M	36		2 1/4	5/8	3/4	12	4	45°	1	1 3/4	5	3	1 1/2														9.0
3	36		2 1/4	5/8	3/4	12	4	45°	1	1 3/4	5	3	1 1/2														9.0
4	48		3	3/4	1	16	5 3/8	45°	1 1/4	2 3/8	6 3/4	4	2														16.0
5	48		3	3/4	1	16	5 3/8	45°	1 1/4	2 3/8	6 3/4	4	2														16.0

STANDARD SIGN
W4-2

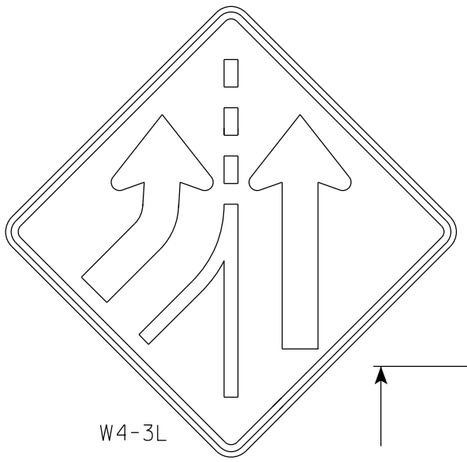
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

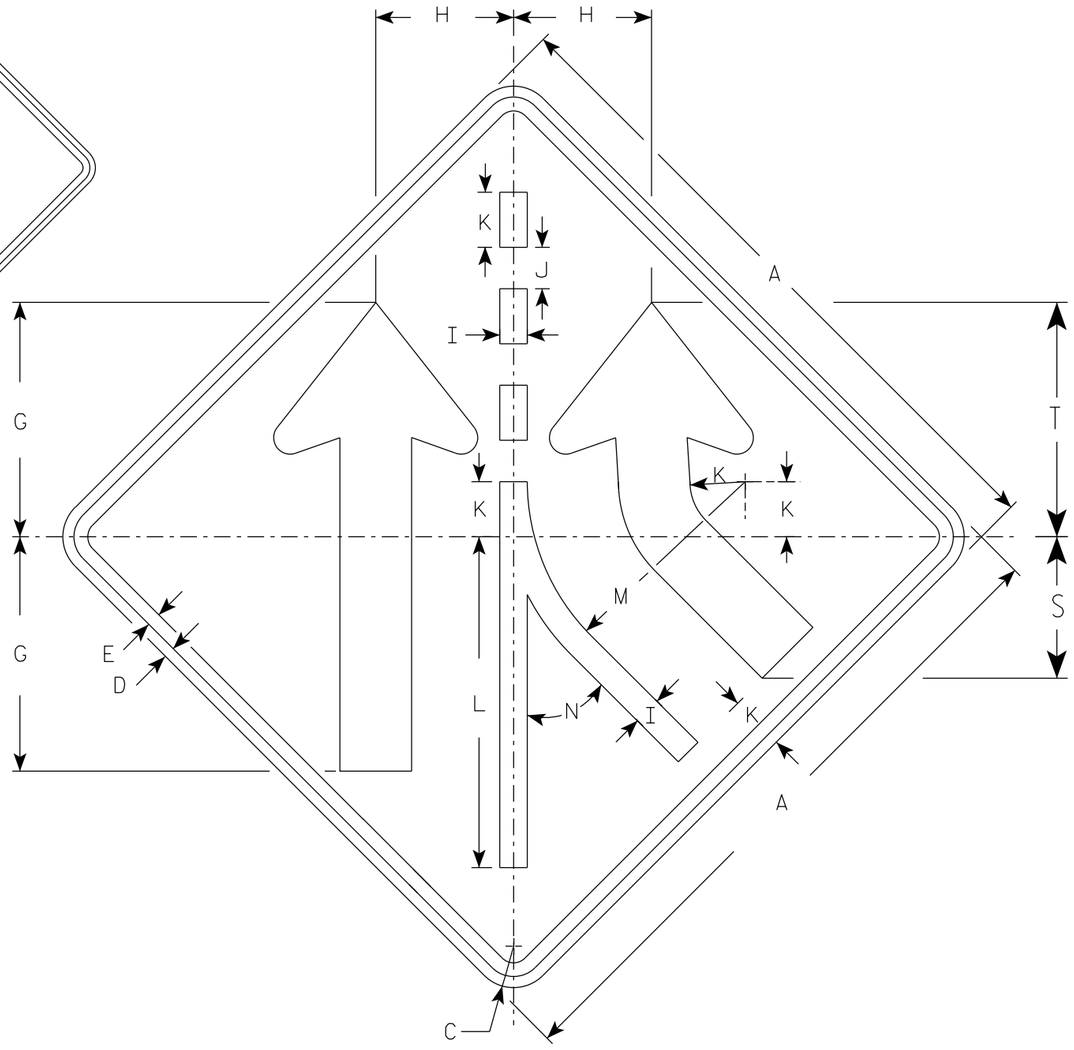
DATE 8/31/2023 PLATE NO. W4-2.15

PROJECT NO:

SHEET NO: 775 E



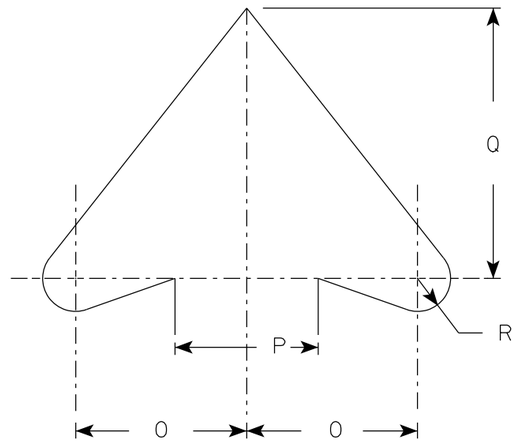
W4-3L



W4-3R

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. W4-3 L is the same as W4-3 R except the arrow is reversed along the vertical centerline.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30		1 7/8	1/2	5/8		10 5/8	6 1/4	1 1/4	1 7/8	2 1/2	15	9 7/8	45°	3 7/8	3 1/4	6 1/8	3/4	6 3/8	10 5/8							6.25
2S	36		2 1/4	5/8	3/4		12 3/4	7 1/2	1 1/2	2 1/4	3	18	11 7/8	45°	4 5/8	4	7 3/8	7/8	7 3/4	12 3/4							9.0
2M	36		2 1/4	5/8	3/4		12 3/4	7 1/2	1 1/2	2 1/4	3	18	11 7/8	45°	4 5/8	4	7 3/8	7/8	7 3/4	12 3/4							9.0
3	36		2 1/4	5/8	3/4		12 3/4	7 1/2	1 1/2	2 1/4	3	18	11 7/8	45°	4 5/8	4	7 3/8	7/8	7 3/4	12 3/4							9.0
4	48		3	3/4	1		17	10	2	3	4	24	15 3/4	45°	6 1/4	5 1/2	9 7/8	1 1/4	10 1/4	17							16.0
5	48		3	3/4	1		17	10	2	3	4	24	15 3/4	45°	6 1/4	5 1/2	9 7/8	1 1/4	10 1/4	17							16.0

STANDARD SIGN
W4-3

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

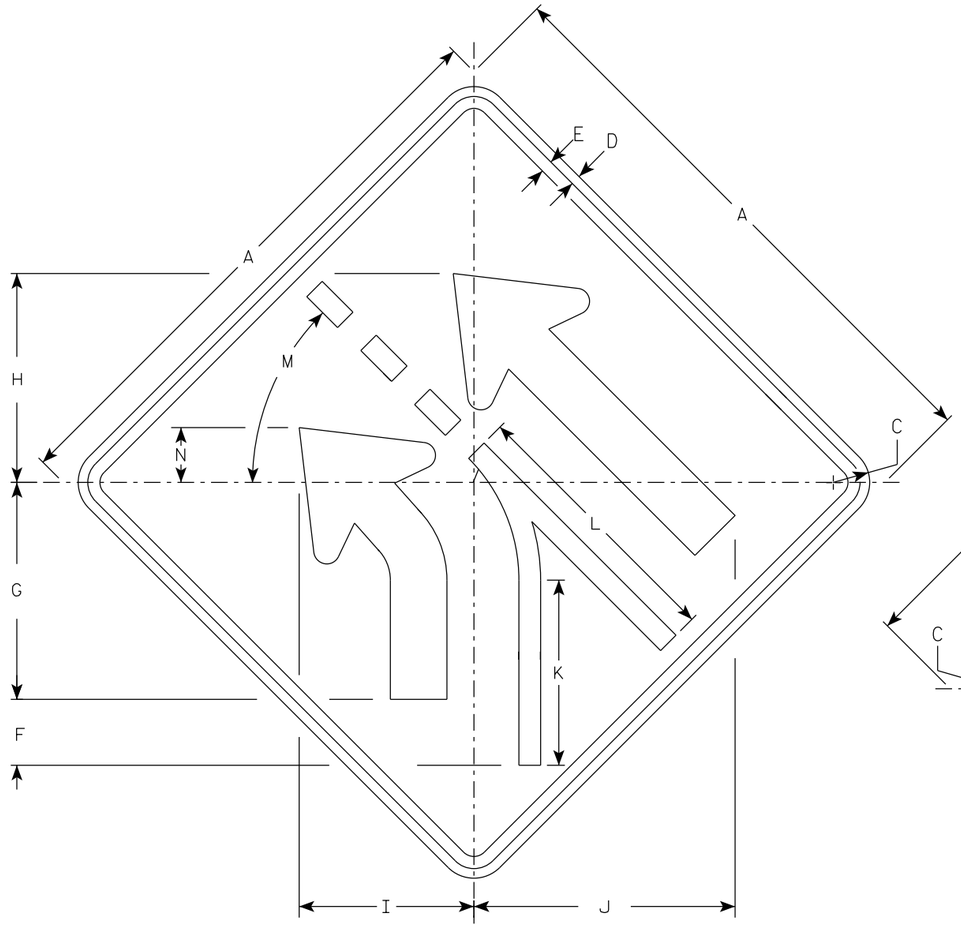
DATE 8/31/2023 PLATE NO. W4-3.10

PROJECT NO:

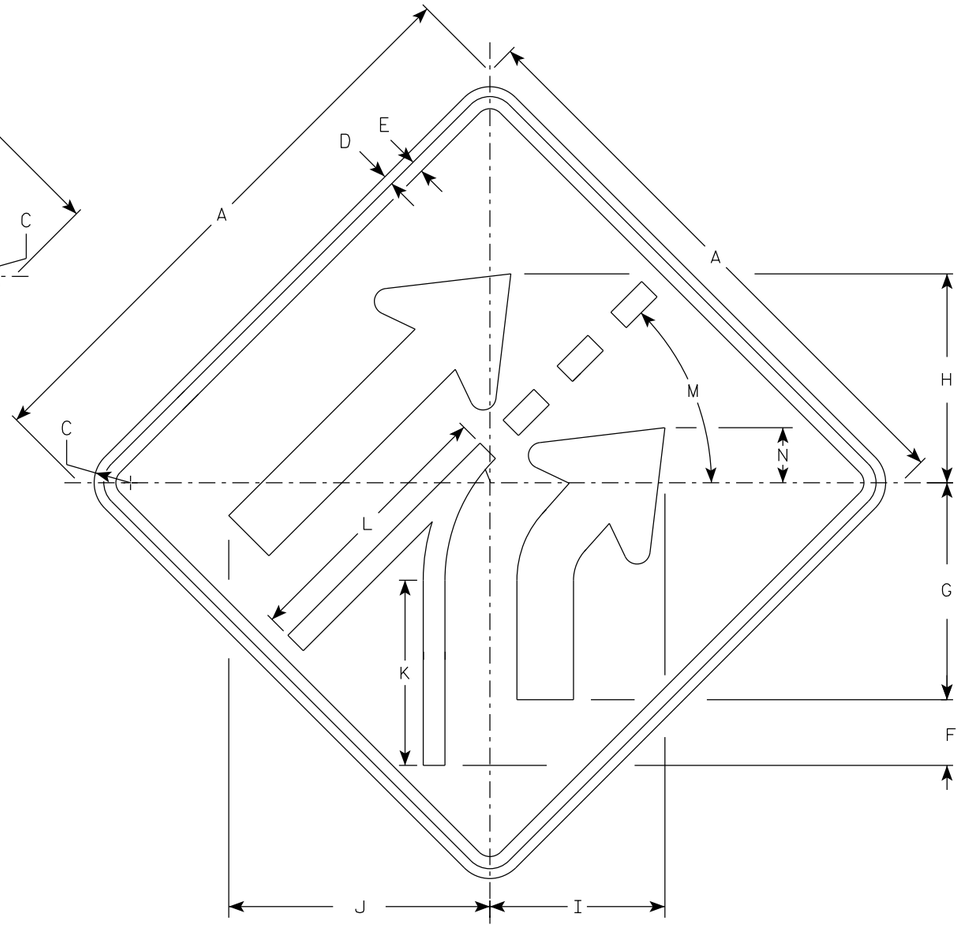
SHEET NO: 776 E

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - Black



W4-6L



W4-6R

* Scale and Rotate W4-3 and make modifications.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30		1 7/8	1/2	5/8	3 3/8	11 1/4	10 3/4	9	13 1/2	9 1/2	14	45°	2 7/8													6.25
2S	36		2 1/4	5/8	3/4	4	13 1/2	13	10 7/8	16 1/4	11 1/2	16 7/8	45°	3 3/8													9.0
2M	36		2 1/4	5/8	3/4	4	13 1/2	13	10 7/8	16 1/4	11 1/2	16 7/8	45°	3 3/8													9.0
3	36		2 1/4	5/8	3/4	4	13 1/2	13	10 7/8	16 1/4	11 1/2	16 7/8	45°	3 3/8													9.0
4	48		3	3/4	1	5 3/8	18	17 1/4	14 1/2	21 5/8	15 1/4	22 1/2	45°	4 1/2													16.0
5	48		3	3/4	1	5 3/8	18	17 1/4	14 1/2	21 5/8	15 1/4	22 1/2	45°	4 1/2													16.0

STANDARD SIGN
W4-6

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 9/5/2023 PLATE NO. W4-6.6

PROJECT NO:

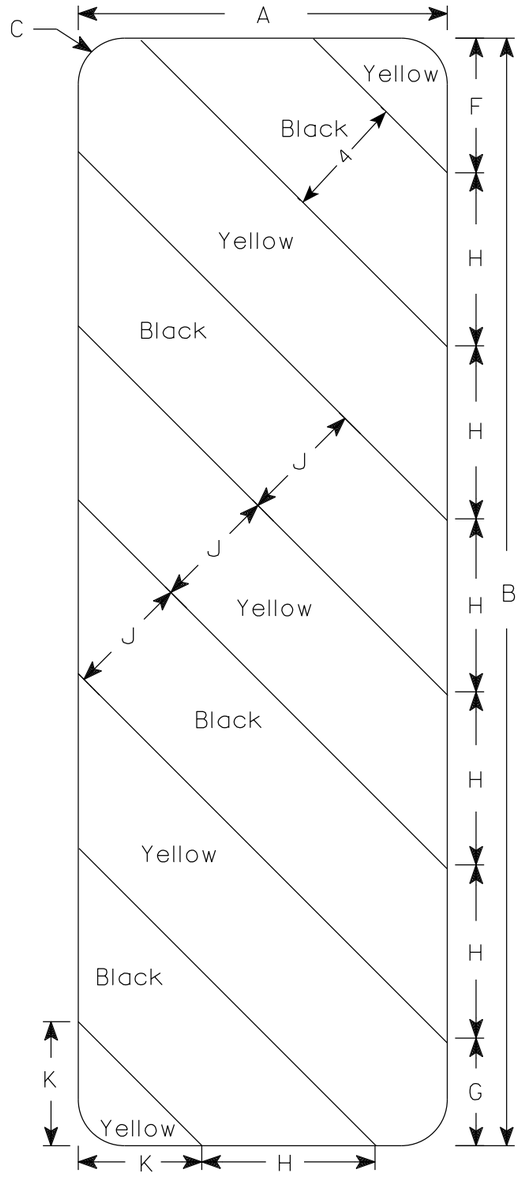
SHEET NO: 777 E

FILE NAME : C:\Users\PROJECTS\tr_stdplate\W46.dgn PLOT DATE : 5-SEPT 2023 11:05 PLOT BY : dotc4c

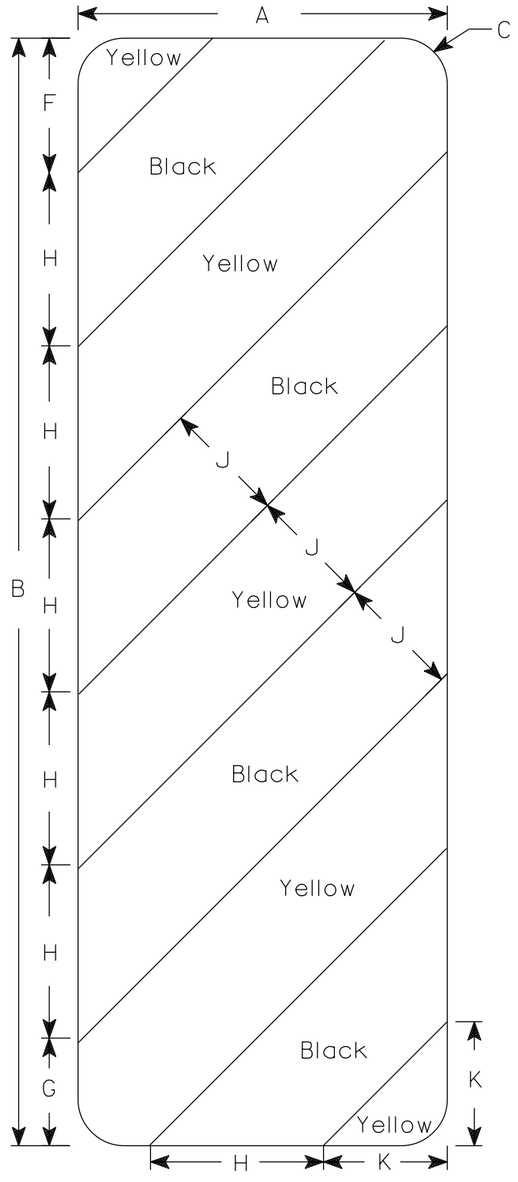
WISDOT/CADDS SHEET 42

7

7



W5-52L



W5-52R

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - Black
3. Alternate colors of stripes as shown.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	12	36	1 1/2			4 3/8	3 1/2	5 5/8	45°	4	4																3.0
2M	12	36	1 1/2			4 3/8	3 1/2	5 5/8	45°	4	4																3.0
3	18	54	1 1/2			6	5 1/2	8 1/2	45°	6	6 9/16																6.75
4																											
5																											

STANDARD SIGN

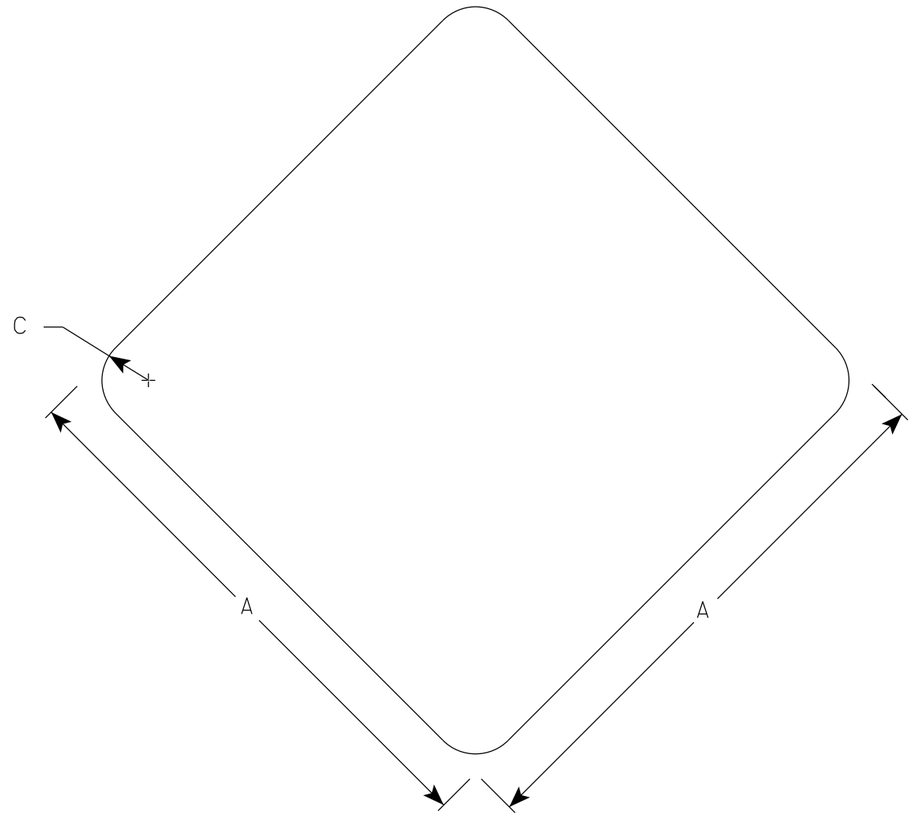
W5-52L & W5-52R

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/4/2024 PLATE NO. W5-52.10

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 778 E



W5-54

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	12		1 ½																								1.0
2S	18		1 ½																								2.25
2M	18		1 ½																								2.25
3																											
4																											
5																											

STANDARD SIGN
W5-54

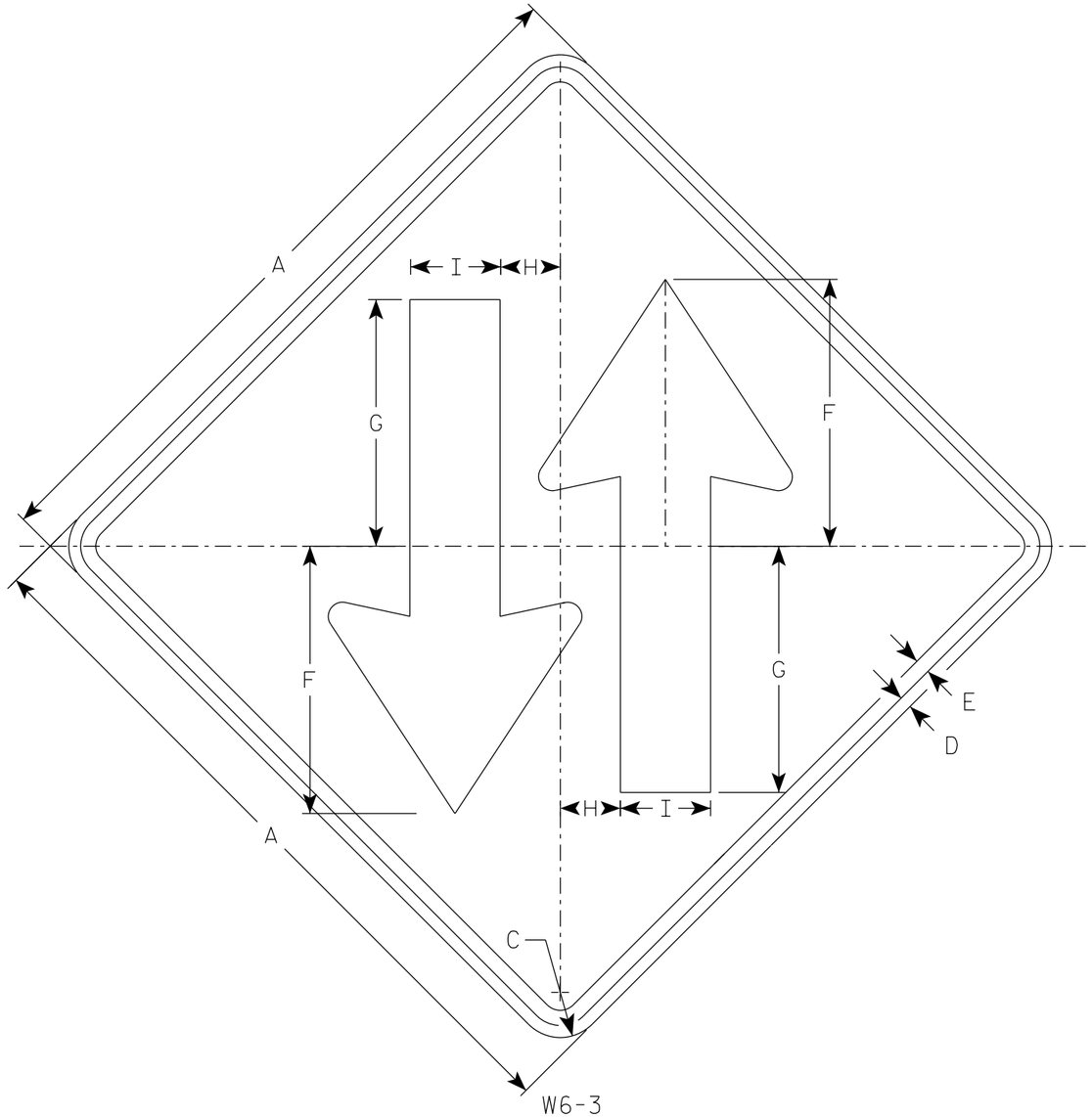
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/5/2024 PLATE NO. W5-54.9

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

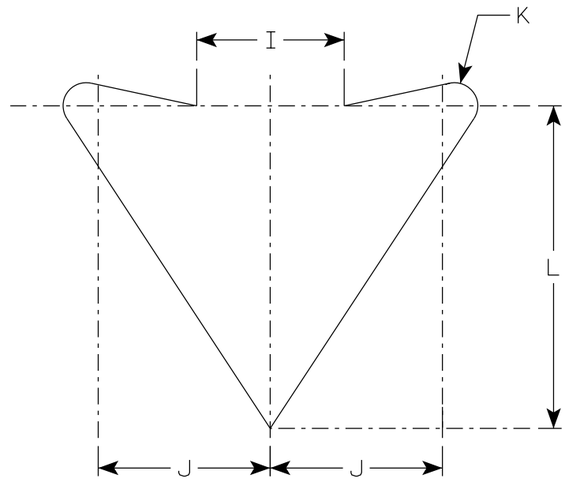
FILE NAME : C:\CAEfiles\Projects\tr_stdplate_W554.dgn PLOT DATE : 5-MARCH 2024 11:55 PLOT BY : dotc4c PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42



W6-3

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - Black



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30		1 7/8	1/2	5/8	11 1/8	10 1/4	2 1/2	3 3/4	4 3/8	5/8	8 1/4															6.25
2S	36		2 1/4	5/8	3/4	13 3/8	12 1/4	3	4 1/2	5 1/4	3/4	9 7/8															9.0
2M	36		2 1/4	5/8	3/4	13 3/8	12 1/4	3	4 1/2	5 1/4	3/4	9 7/8															9.0
3	36		2 1/4	5/8	3/4	13 3/8	12 1/4	3	4 1/2	5 1/4	3/4	9 7/8															9.0
4	48		3	3/4	1	17 3/4	16 3/8	4	6	7	1	13 1/8															16.0
5	48		3	3/4	1	17 3/4	16 3/8	4	6	7	1	13 1/8															16.0

STANDARD SIGN

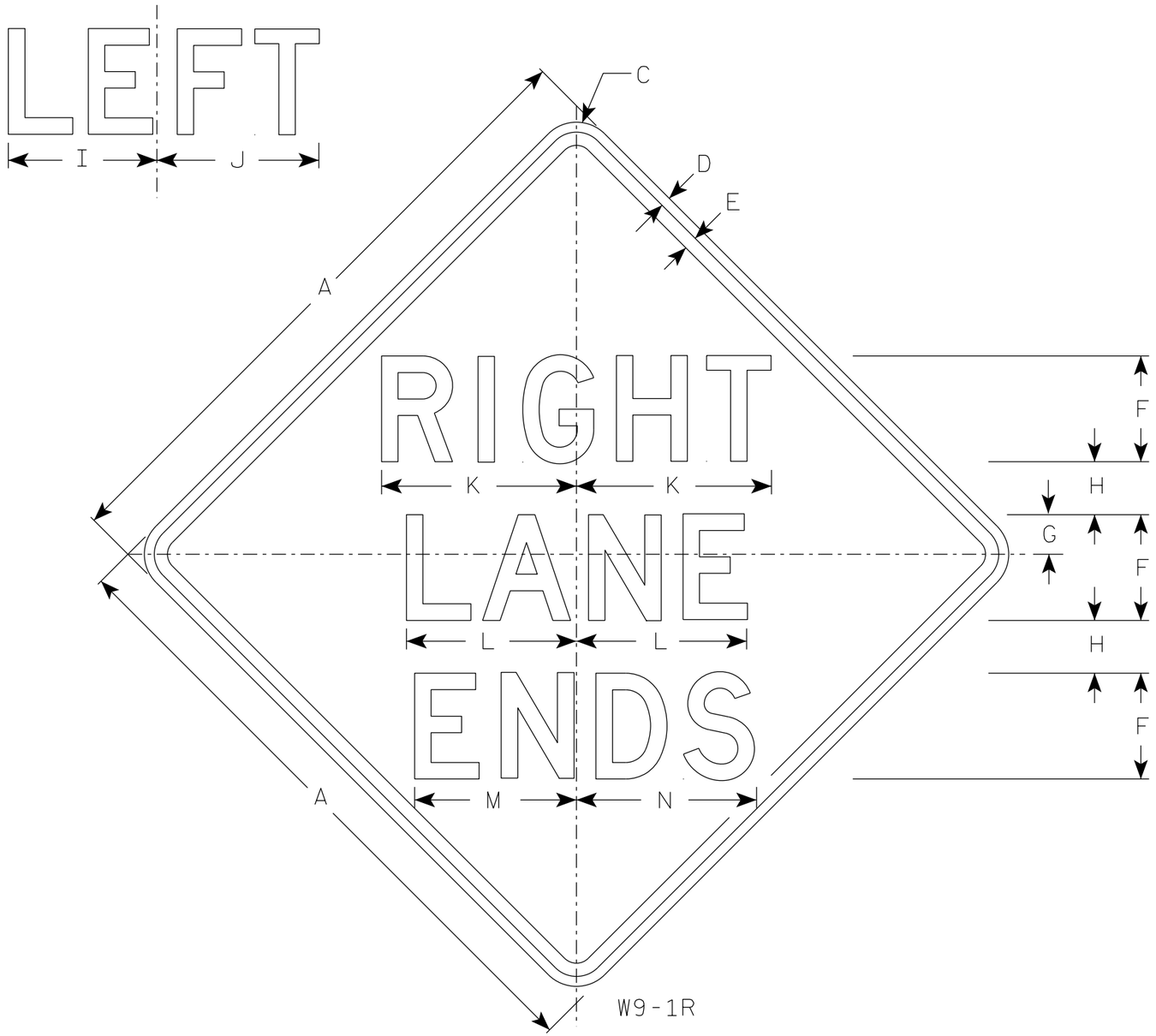
W6-3

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 9/6/2023 PLATE NO. W6-3.12

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E



NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - Black
3. Message Series - D
4. W9-1L same as W9-1R except the word Left replaces Right.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30		1 7/8	1/2	5/8	5	1 1/2	2 1/2	7 1/8	7 5/8	9 1/4	8 1/8	7 5/8	8 5/8													6.25
2S	36		2 1/4	5/8	3/4	6	2	3	8 1/2	9 1/8	11	9 3/4	9	10 3/8													9.0
2M	36		2 1/4	5/8	3/4	6	2	3	8 1/2	9 1/8	11	9 3/4	9	10 3/8													9.0
3	36		2 1/4	5/8	3/4	6	2	3	8 1/2	9 1/8	11	9 3/4	9	10 3/8													9.0
4	36		2 1/4	5/8	3/4	6	2	3	8 1/2	9 1/8	11	9 3/4	9	10 3/8													9.0
5	48		3	3/4	1	8	3	4	11 1/4	12 1/4	14 3/4	12 7/8	12 1/4	13 5/8													16.0

STANDARD SIGN

W9-1

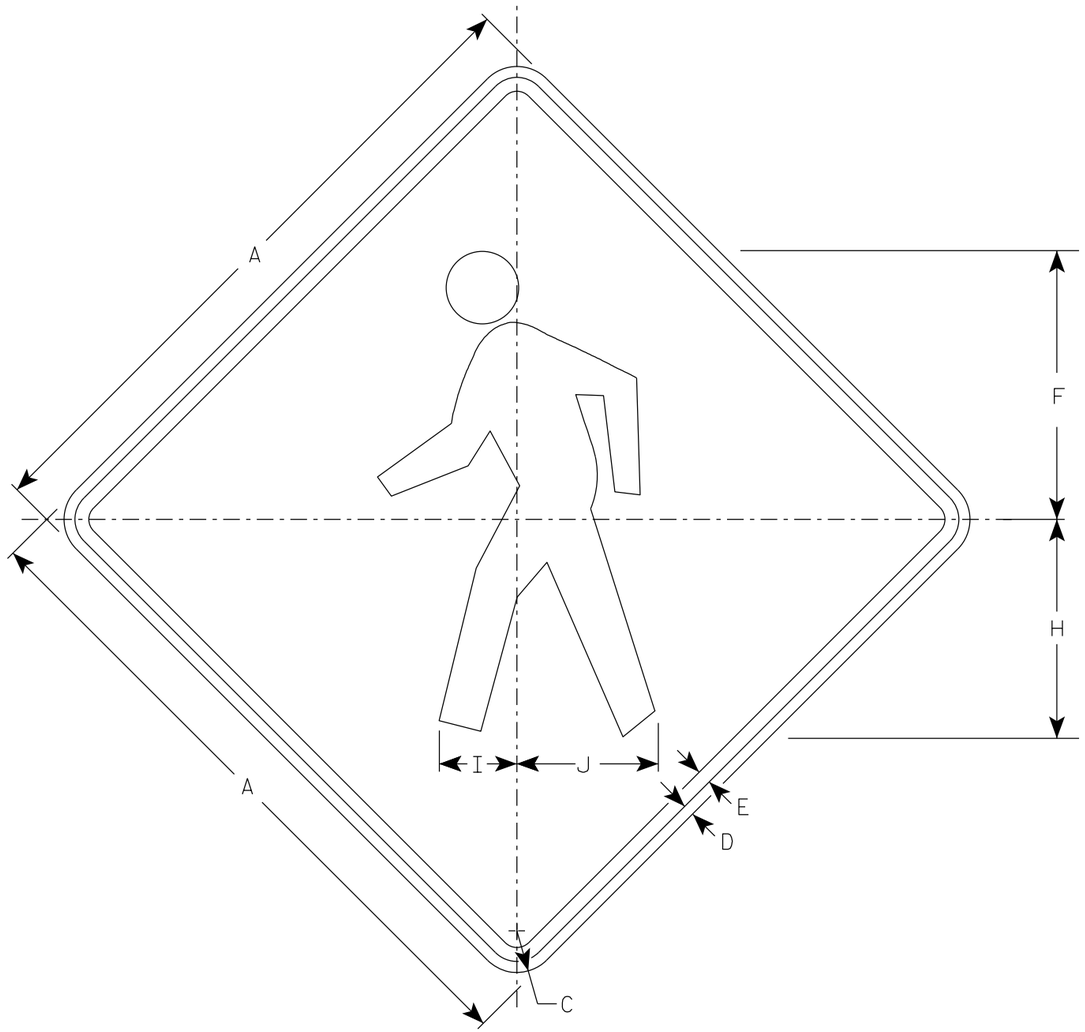
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/9/2023 PLATE NO. W9-1.9

PROJECT NO:

SHEET NO: 781 E



W11-2

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - Black

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24		1 1/2	3/8	1/2	9 3/4		7 7/8	2 7/8	5 1/8																	4.0
2S	30		1 7/8	1/2	5/8	12 1/8		9 7/8	3 1/2	6 3/8																	6.25
2M	36		2 1/4	5/8	3/4	14 1/2		11 7/8	4 1/4	7 5/8																	9.0
3	36		2 1/4	5/8	3/4	14 1/2		11 7/8	4 1/4	7 5/8																	9.0
4	48		3	3/4	1	19 3/8		15 3/4	5 5/8	10 1/4																	16.0
5																											

STANDARD SIGN

W11-2

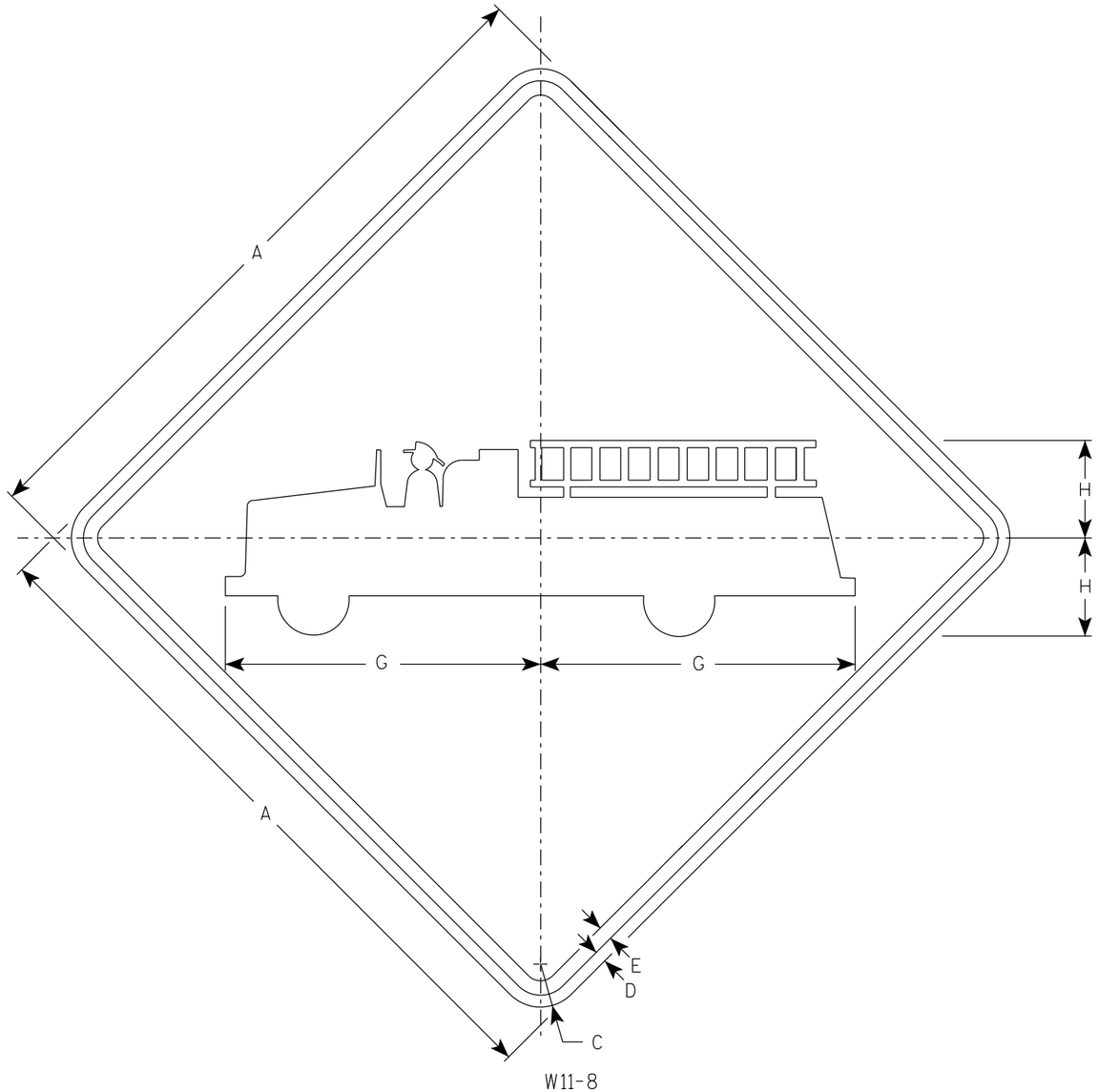
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch

For State Traffic Engineer

DATE 6/15/2023 PLATE NO. W11-2.9

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 782 | E



W11-8

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - Black

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24		1 1/2	3/8	1/2		11	3 3/8																			4.0
2S	30		1 7/8	1/2	5/8		13 3/4	4 3/8																			6.25
2M	30		1 7/8	1/2	5/8		13 3/4	4 3/8																			6.25
3	36		2 1/4	5/8	3/4		16 1/2	5 1/4																			9.0
4	48		3	3/4	1		22	7																			16.0
5																											

STANDARD SIGN

W11-8

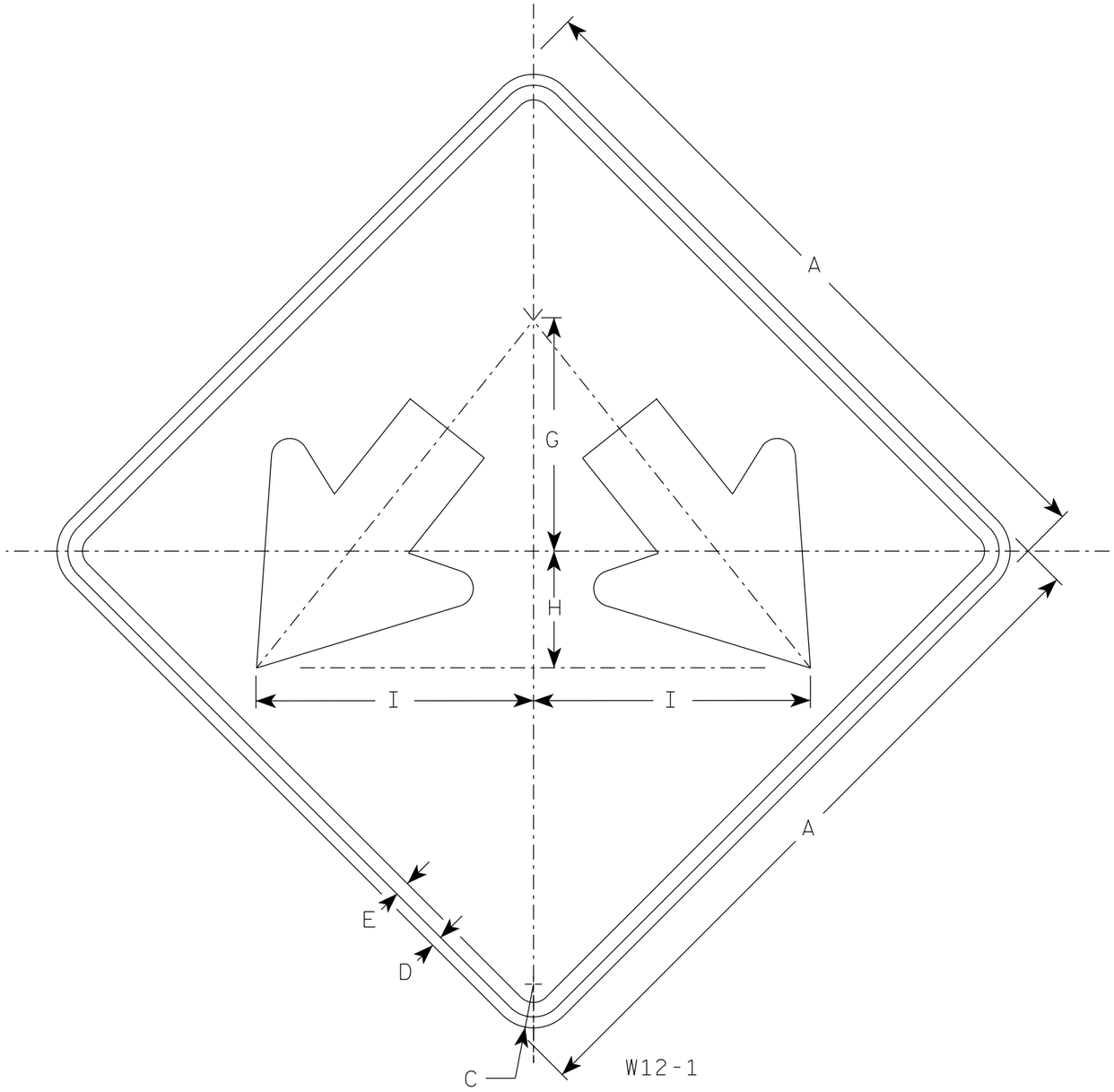
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 11/20/2023 PLATE NO. W11-8.8

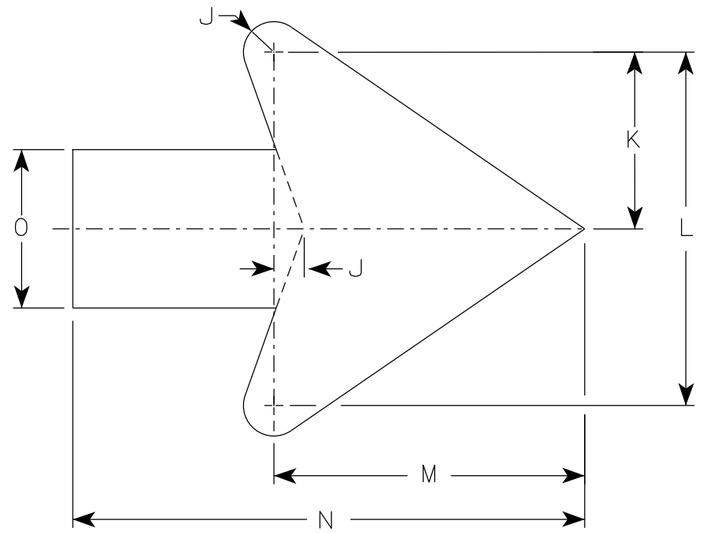
PROJECT NO:

SHEET NO: 783 E



NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - Black



Arrow Detail

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24		1 1/2	1/2	3/8		8	4	9 1/2	3/8	3 3/8	7 1/4	6 3/8	10 3/8	3 1/4												4.0
2M	24		1 1/2	1/2	3/8		8	4	9 1/2	3/8	3 3/8	7 1/4	6 3/8	10 3/8	3 1/4												4.0
3	30		1 7/8	1/2	5/8		10	5	11 7/8	3/4	4 1/2	9	7 7/8	13	4												6.25
4	36		2 1/4	1/2	5/8		12	6	14 1/4	1	5 1/2	10 7/8	9 5/8	15 3/4	4 3/4												9.0
5	48		3	3/4	1		16	8	19	1 1/4	7 1/4	14 1/2	12 3/4	21	6 1/4												16.0

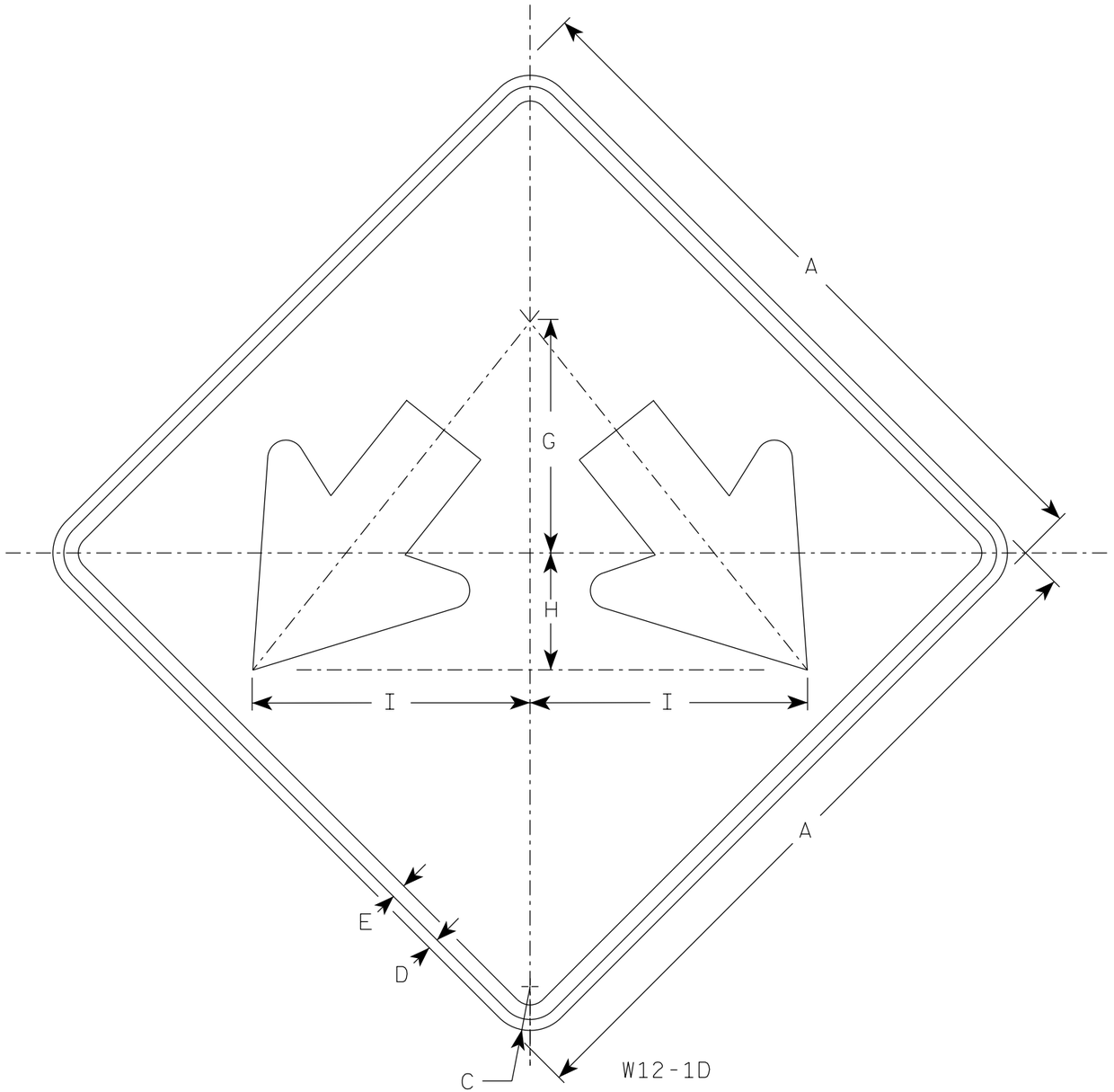
STANDARD SIGN
W12-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

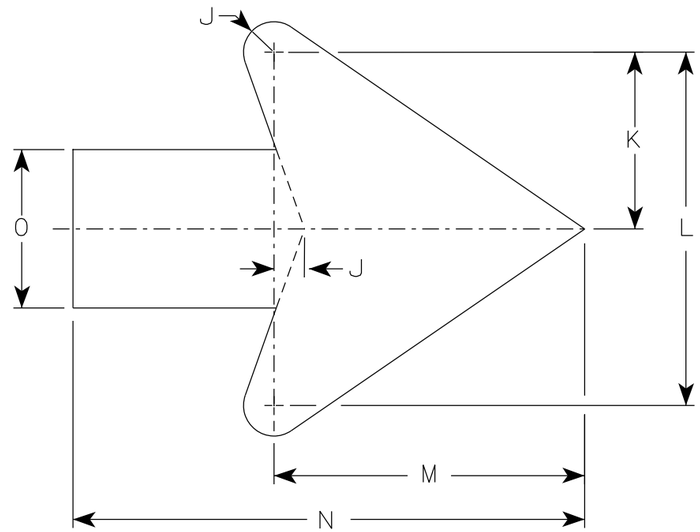
DATE 9/3/25 PLATE NO. W12-1.1

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 784 E



NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - Black



Arrow Detail

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Areq sq. ft.
1																											
2S	24		1 ½	½	⅜		8	4	9 ½	⅜	3 ⅜	7 ¼	6 ⅜	10 ⅜	3 ¼												4.0
2M	24		1 ½	½	⅜		8	4	9 ½	⅜	3 ⅜	7 ¼	6 ⅜	10 ⅜	3 ¼												4.0
3	30		1 ⅞	½	⅝		10	5	11 ⅞	¾	4 ½	9	7 ⅞	13	4												6.25
4	36		2 ¼	½	⅝		12	6	14 ¼	1	5 ½	10 ⅞	9 ⅝	15 ¾	4 ¾												9.0
5	48		3	¾	1		16	8	19	1 ¼	7 ¼	14 ½	12 ¾	21	6 ¼												16.0

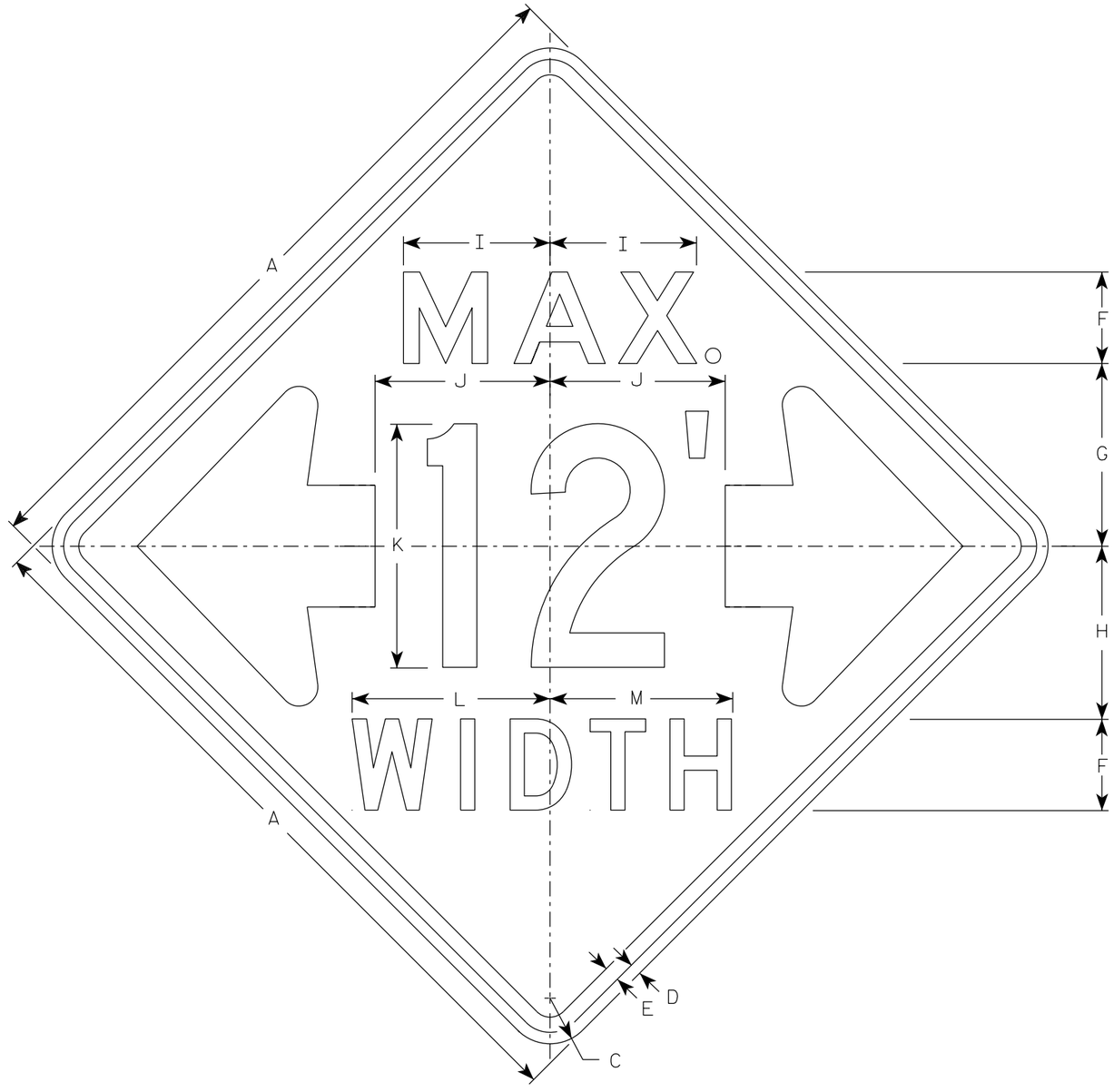
STANDARD SIGN
W12-1D

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/30/2023 PLATE NO. W12-1D.16

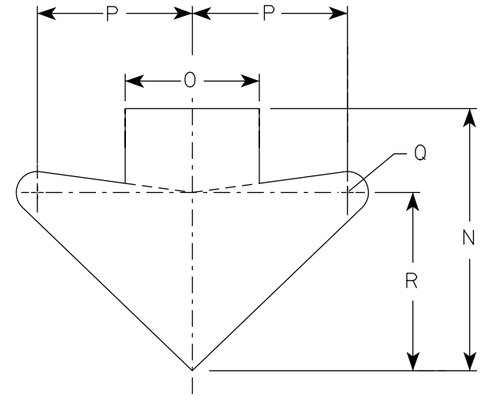
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 785	E



W12-52

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - See note 5
4. The top line is series E, the numerals are series C, and the bottom line is series D.
5. Substitute appropriate numerals and adjust spacing as required.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	48		3	¾	1	6	12	11 ⅜	9 ⅝	11 ½	16	13	12	15 ⅝	8	9 ¼	1 ¼	10 ⅝									16.0
2M	48		3	¾	1	6	12	11 ⅜	9 ⅝	11 ½	16	13	12	15 ⅝	8	9 ¼	1 ¼	10 ⅝									16.0
3																											
4																											
5																											

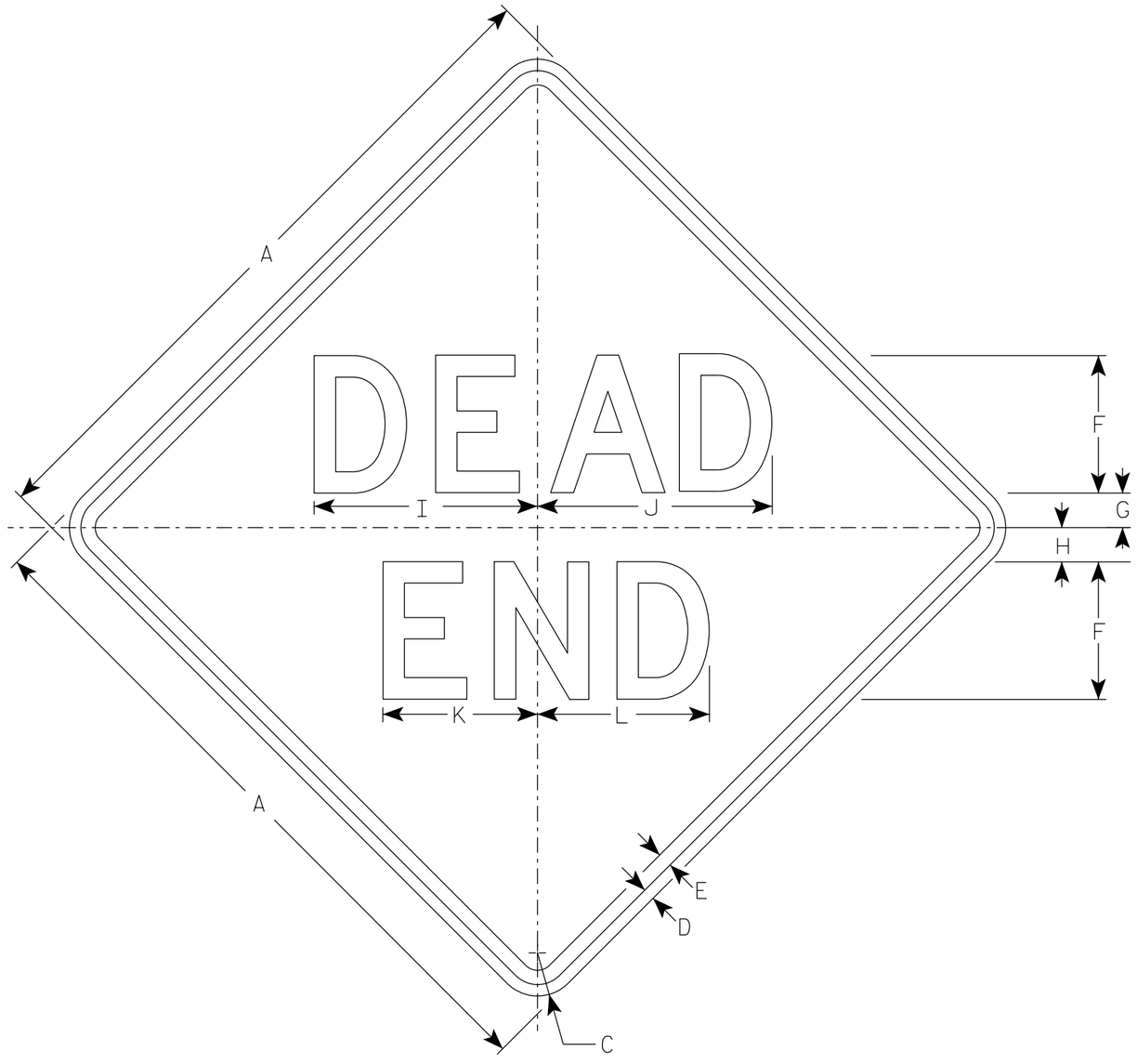
STANDARD SIGN
W12-52

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/10/2024 PLATE NO. W12-52.8

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 786 E



W14-1

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - Black
3. Message Series - D

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Areq sq. ft.
1	24		1 1/2	3/8	1/2	5	1	2	8 1/4	8 5/8	5 5/8	6 1/4															4.0
2S	30		1 7/8	1/2	5/8	6	1 1/2	2 1/2	9 3/4	10 1/4	6 3/4	7 1/2															6.25
2M	30		1 7/8	1/2	5/8	6	1 1/2	2 1/2	9 3/4	10 1/4	6 3/4	7 1/2															6.25
3	36		2 1/4	5/8	3/4	7	2	3	11 3/8	12	7 7/8	8 3/4															9.0
4																											
5																											

STANDARD SIGN
W14-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

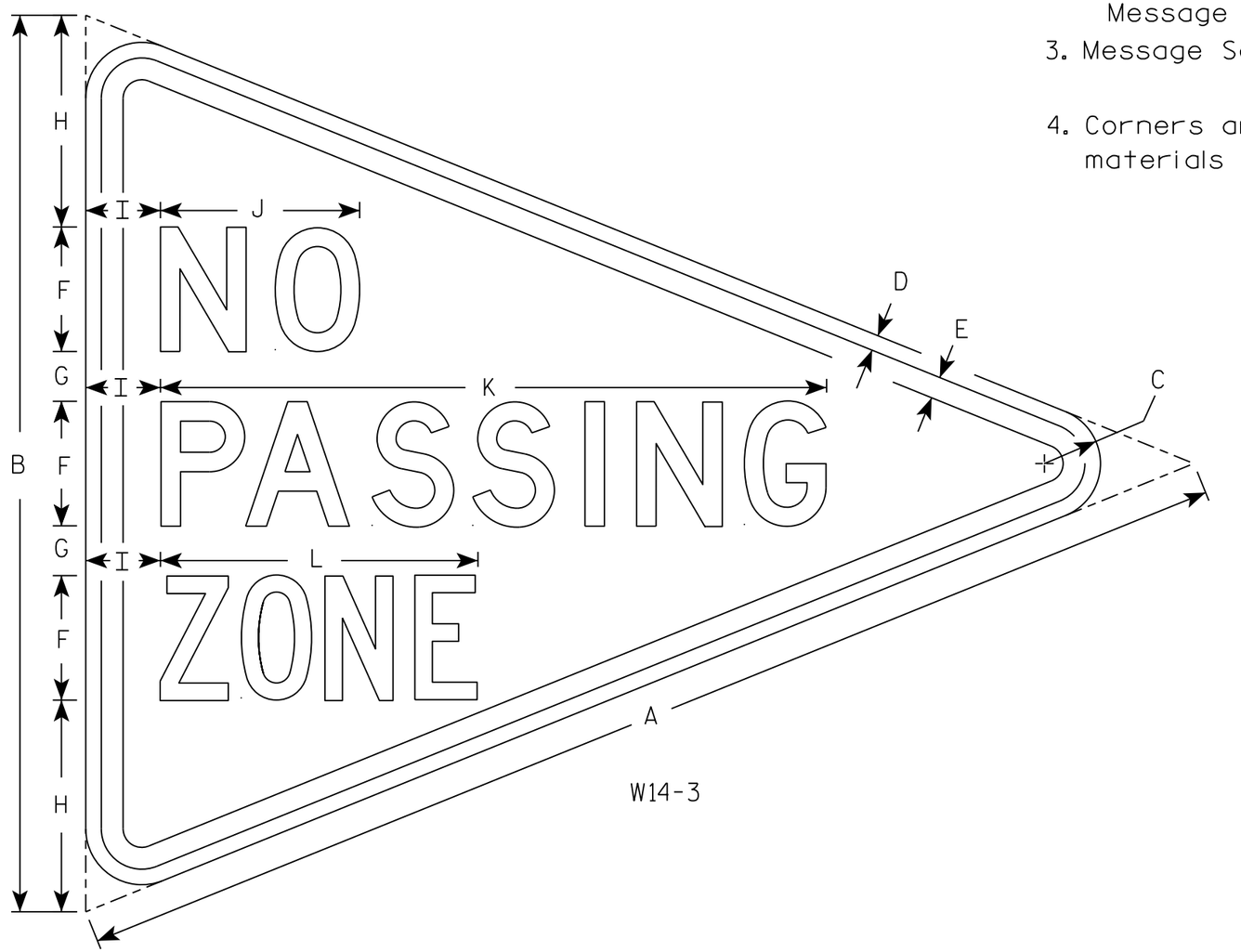
DATE 1/8/2024 PLATE NO. W14-1.8

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 787 E

7

NOTES

1. Sign is Type II- Type F Reflective
2. Color:
   Background - Yellow
   Message - Black
3. Message Series - Lines 1 and 2 are Series D.
   Line 3 is series C.
4. Corners and borders shall be rounded on all base materials for this sign.



W14-3

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	48	36	2 1/4	5/8	7/8	5	2	8 1/2	3	8	26 3/4	12 3/4															5.56
2M																											
3																											
4																											
5																											

STANDARD SIGN
W14-3

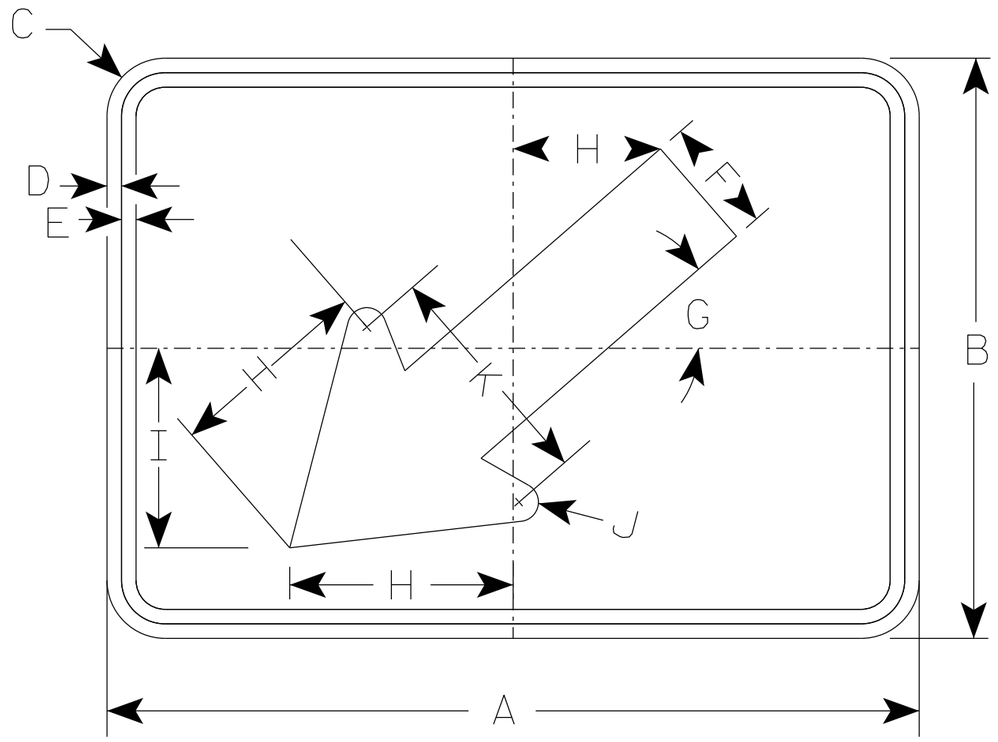
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/21/17 PLATE NO. W14-3.10

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 788 | E

7



W16-7L

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - Black
3. W16-7R is the same as W16-7L except the arrow is reversed along the vertical centerline.

* For 36" x 36" Warning Signs, use 30" x 21" W16-7L signs.
* For 48" x 48" Warning Signs, use 42" x 24" W16-7L signs.

	SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
	1																											
	2S	21	15	1 1/2	3/8	3/8	3	41°	5 1/4	5 1/8	1/2	6																2.19
*	2M	30	21	1 1/2	3/8	1/2	4 1/2	41°	8 5/8	7 3/4	5/8	9 1/4																4.38
*	3	30	21	1 1/2	3/8	1/2	4 1/2	41°	8 5/8	7 3/4	5/8	9 1/4																4.38
*	4	42	24	1 7/8	1/2	5/8	6	41°	10 1/4	9 1/8	1	12																7.0
	5																											

STANDARD SIGN
W16-7

WISCONSIN DEPT OF TRANSPORTATION

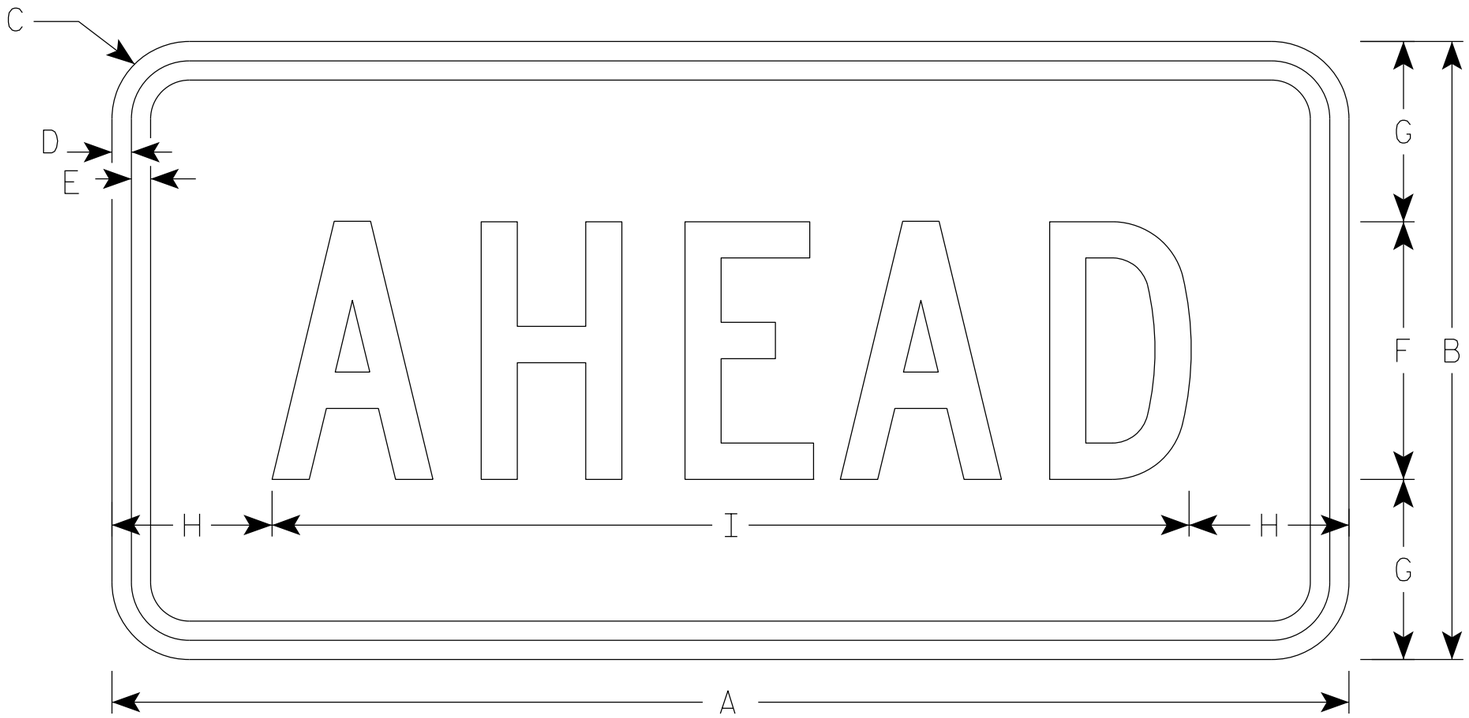
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 4/29/26 PLATE NO. W16-7.10

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 789 | E

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - Black
3. Message Series - C



W16-9P

* For 36" x 36" Warning Signs, use 30" x 18" W16-9P signs.
* For 48" x 48" Warning Signs, use 48" x 24" W16-9P signs.

	SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
	1																											
	2S	24	12	1 1/2	3/8	3/8	5	3 1/2	3 1/8	17 3/4																		2.0
*	2M	30	18	1 1/2	3/8	1/2	7	5 1/2	2 3/4	24 1/2																		3.75
*	3	30	18	1 1/2	3/8	1/2	7	3 1/2	2 3/4	24 1/2																		3.75
*	4	48	24	1 7/8	1/2	5/8	10	7	6 1/8	35 3/4																		8.0
	5																											

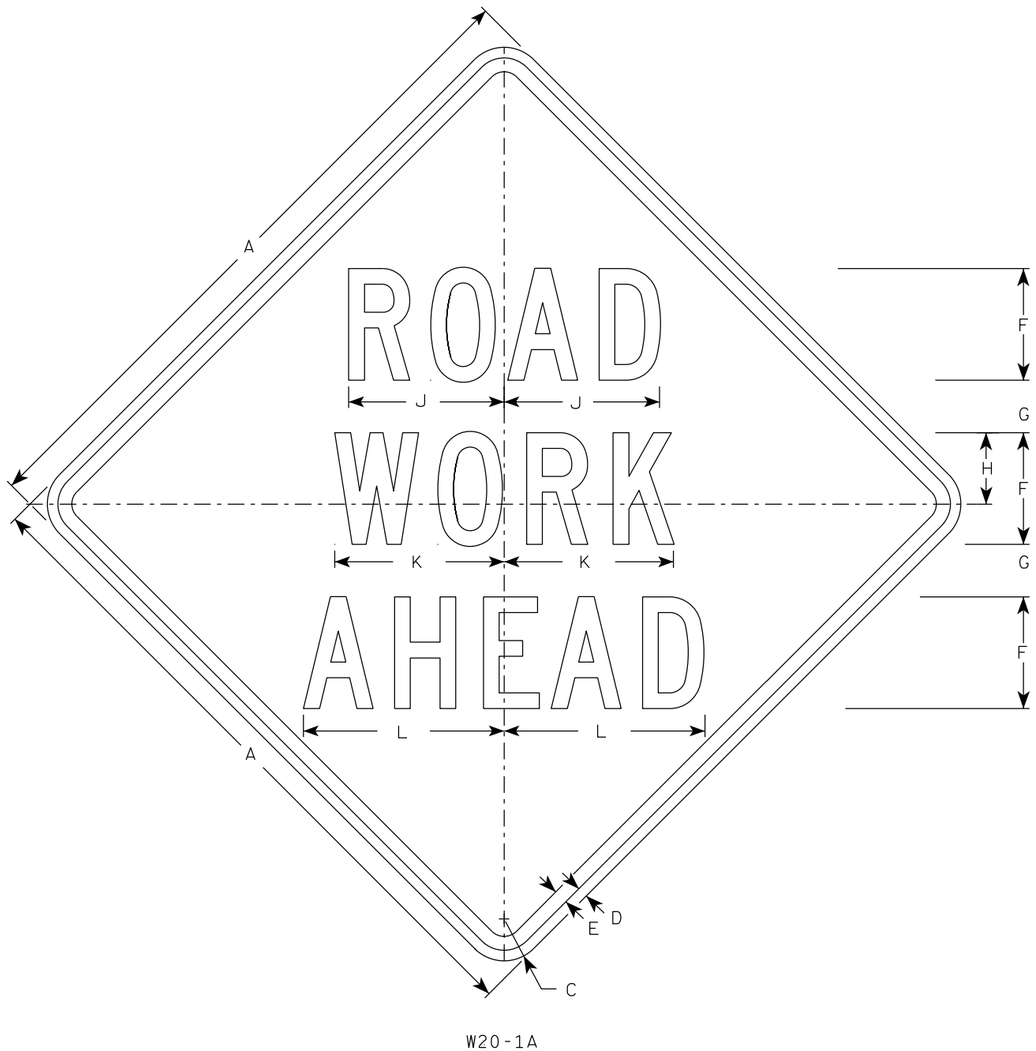
STANDARD SIGN
W16-9P

WISCONSIN DEPT OF TRANSPORTATION

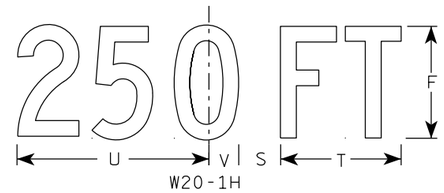
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/9/2024 PLATE NO. W16-9P.9

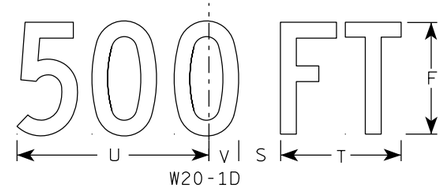
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 790 E



W20-1A



W20-1H



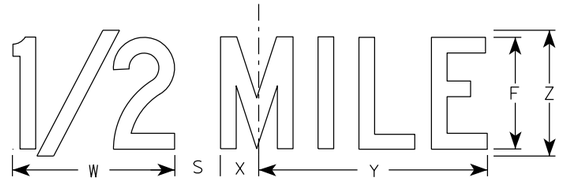
W20-1D

W20-1C

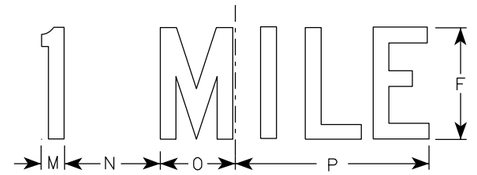
W20-1B

NOTES

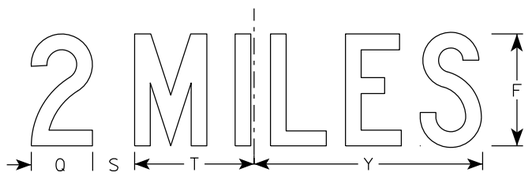
1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



W20-1G



W20-1F



W20-1E

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		2 1/4	5/8	3/4	5	2 5/8	3 1/4	10 1/8	7	7 5/8	8 7/8	1 1/8	4 1/2	3 1/2	9	3 1/4	2 1/2	2 1/4	5 5/8	9	1 3/8	8	1 3/4	10 3/4	6	9.0
2S	48		3	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8	4 3/8	3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0
2M	48		3	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8	4 3/8	3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0
3	48		3	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8	4 3/8	3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0
4	48		3	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8	4 3/8	3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0
5	48		3	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8	4 3/8	3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0

STANDARD SIGN
W20-1A, B, C, D, E, F, G & H

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/10/2024 PLATE NO. W20-1.12

PROJECT NO:

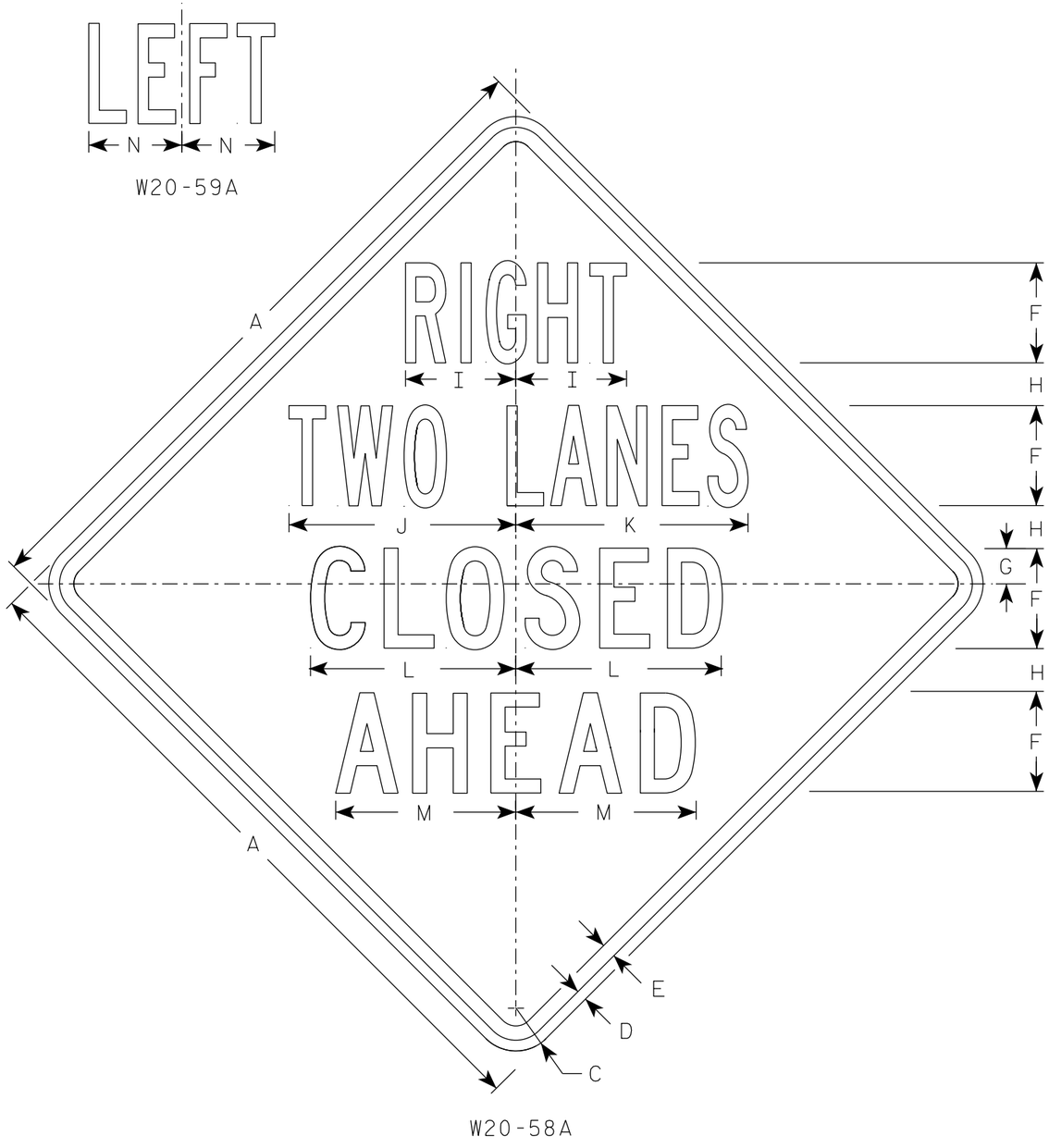
SHEET NO: 791 E

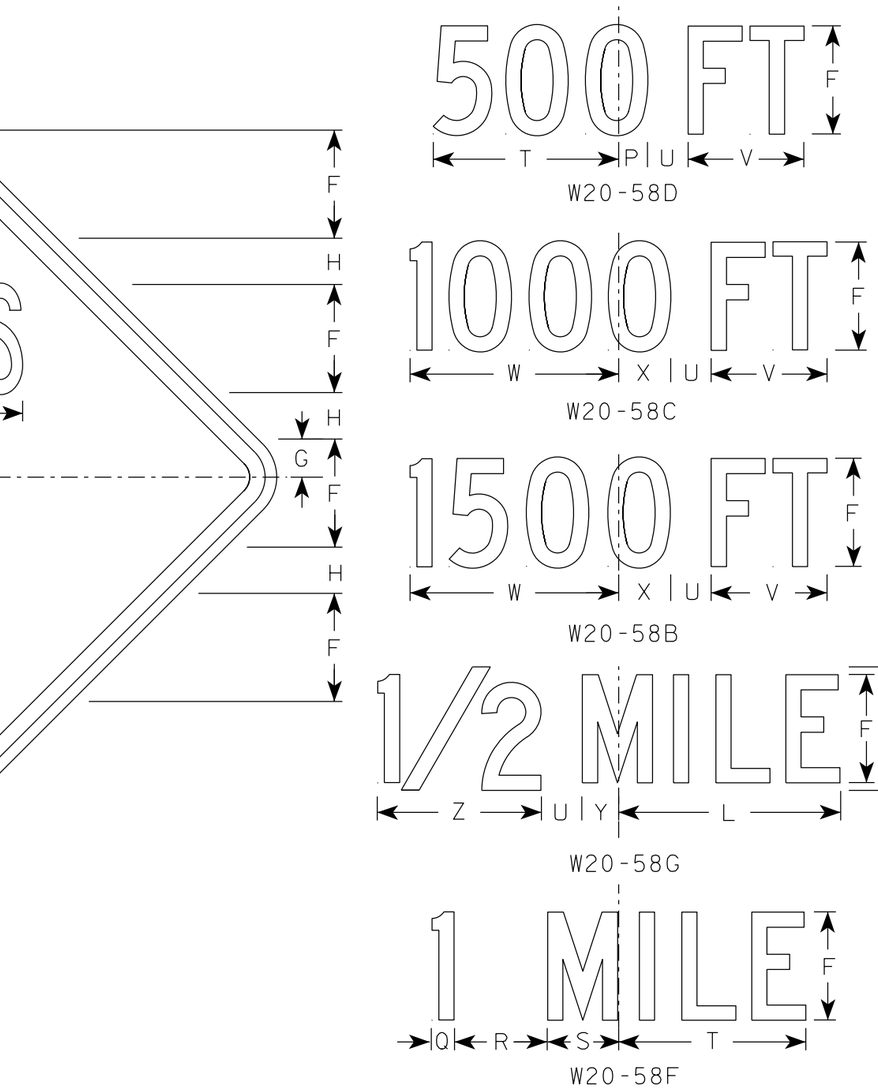
FILE NAME : C:\CAEfiles\Projects\tr_stdplate\W201.DGN PLOT DATE : 10-JAN 2024 11:16 PLOT BY : dotc4c

WISDOT/CADDS SHEET 42

7

7





NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - See Note 5
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Lines 1 & 2 Series B.
   Lines 3 & 4 Series C.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		2 1/4	5/8	3/4	5	1 7/8	2 1/4	5 7/8	11 7/8	12 1/8	10 3/4	9 1/2	4 7/8	6	1 3/8	1 1/8	4 1/2	3 1/2	9	1 7/8	5 5/8	10 1/8	2 1/2	1 3/4	8	9.0
2S	48		3	3/4	1	7	2 1/2	3	7 3/4	15 7/8	16 1/4	14 3/8	12 5/8	6 1/2	8	1 7/8	1 1/2	6	4 5/8	12	2 5/8	7 1/2	13 1/2	3 3/8	2 3/8	10 5/8	16.0
2M	48		3	3/4	1	7	2 1/2	3	7 3/4	15 7/8	16 1/4	14 3/8	12 5/8	6 1/2	8	1 7/8	1 1/2	6	4 5/8	12	2 5/8	7 1/2	13 1/2	3 3/8	2 3/8	10 5/8	16.0
3	48		3	3/4	1	7	2 1/2	3	7 3/4	15 7/8	16 1/4	14 3/8	12 5/8	6 1/2	8	1 7/8	1 1/2	6	4 5/8	12	2 5/8	7 1/2	13 1/2	3 3/8	2 3/8	10 5/8	16.0
4	48		3	3/4	1	7	2 1/2	3	7 3/4	15 7/8	16 1/4	14 3/8	12 5/8	6 1/2	8	1 7/8	1 1/2	6	4 5/8	12	2 5/8	7 1/2	13 1/2	3 3/8	2 3/8	10 5/8	16.0
5	48		3	3/4	1	7	2 1/2	3	7 3/4	15 7/8	16 1/4	14 3/8	12 5/8	6 1/2	8	1 7/8	1 1/2	6	4 5/8	12	2 5/8	7 1/2	13 1/2	3 3/8	2 3/8	10 5/8	16.0

STANDARD SIGN
W20-58A, B, C, D, F & G

WISCONSIN DEPT OF TRANSPORTATION

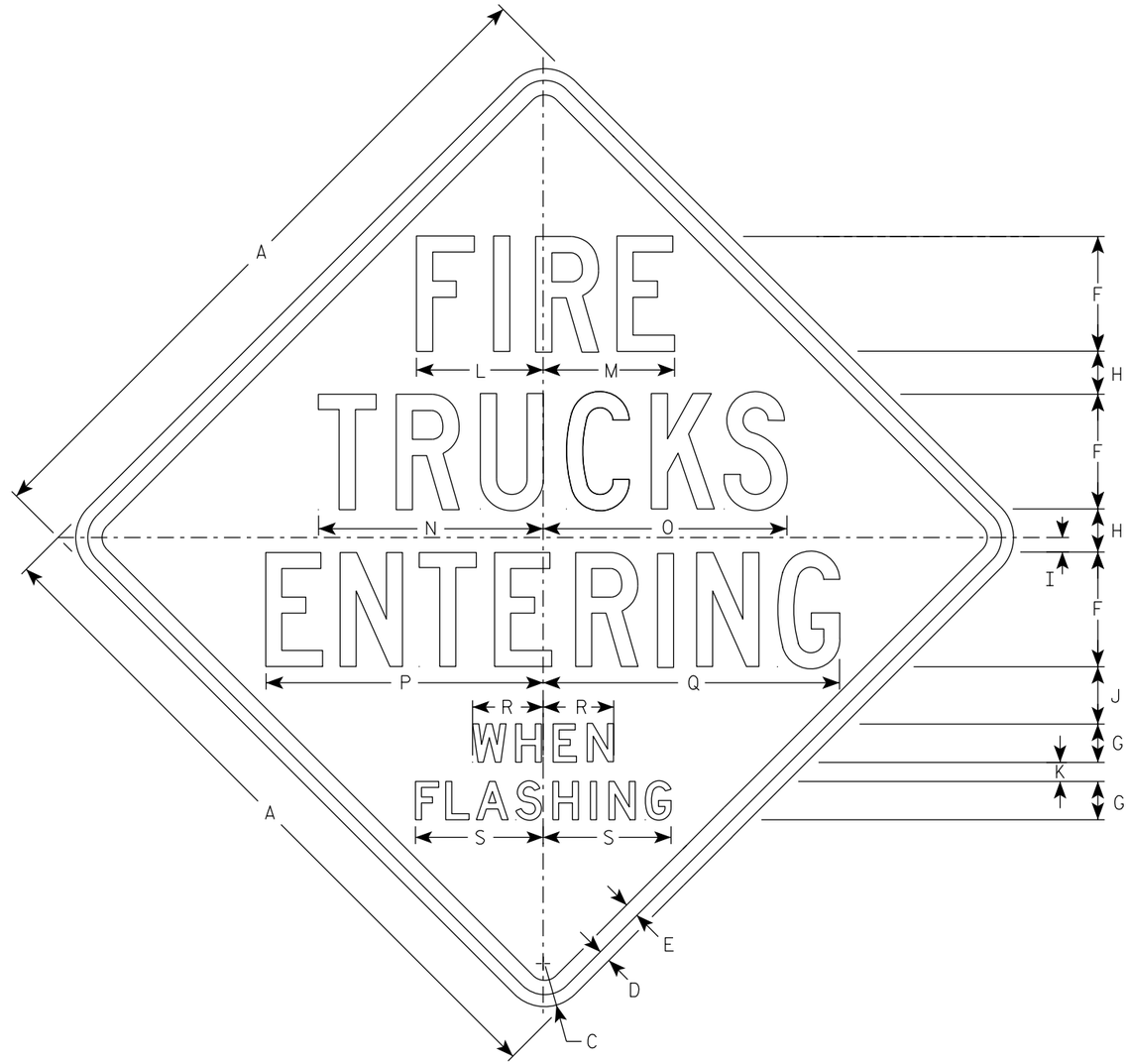
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/10/2024 PLATE NO. W20-58.5

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 792 E

7

7



W54-60

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - Black
3. Message Series - Lines 1, 2, & 3 are Series C
   Lines 4 & 5 are Series D.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24		1 7/8	3/8	1/2	4	1 1/2	1 1/2	1/2	1 3/4	3/4	4 3/8	4 1/2	7 7/8	8 1/2	9 5/8	10 1/4	2 3/4	5								4.00
2S	36		2 1/4	5/8	3/4	6	2	2 1/4	3/4	3	1	6 5/8	6 7/8	11 3/4	12 3/4	14 1/2	15 1/2	3 3/4	6 3/4								9.00
2M	36		2 1/4	5/8	3/4	6	2	2 1/4	3/4	3	1	6 5/8	6 7/8	11 3/4	12 3/4	14 1/2	15 1/2	3 3/4	6 3/4								9.00
3	36		2 1/4	5/8	3/4	6	2	2 1/4	3/4	3	1	6 5/8	6 7/8	11 3/4	12 3/4	14 1/2	15 1/2	3 3/4	6 3/4								9.00
4																											
5																											

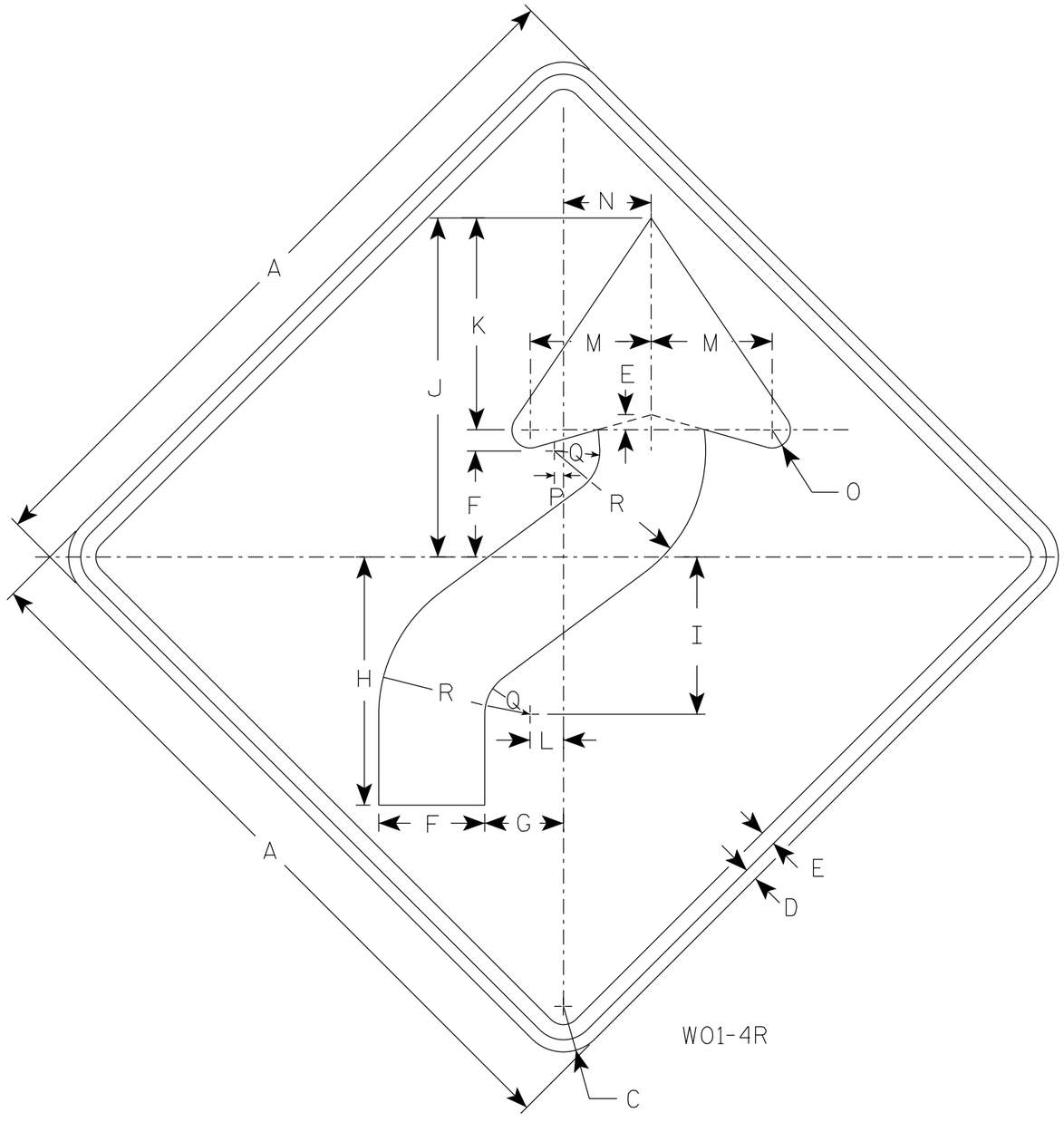
STANDARD SIGN
W54-60

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/23/2024 PLATE NO. W54.60.10

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 793 | E



W01-4R

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. W01-4L is the same as W01-4R except the arrow is reversed along the vertical centerline.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		2 1/4	5/8	3/4	5 1/4	4	12 3/8	7 7/8	16 7/8	10 1/2	1 5/8	6	4 1/2	1	1/2	2 1/4	7 1/2									9.0
2S	48		3	3/4	1	7	5 1/4	16 1/2	10 1/2	22 1/2	14	2 1/4	8	6	1 1/4	5/8	3	10									16.0
2M	48		3	3/4	1	7	5 1/4	16 1/2	10 1/2	22 1/2	14	2 1/4	8	6	1 1/4	5/8	3	10									16.0
3	48		3	3/4	1	7	5 1/4	16 1/2	10 1/2	22 1/2	14	2 1/4	8	6	1 1/4	5/8	3	10									16.0
4	48		3	3/4	1	7	5 1/4	16 1/2	10 1/2	22 1/2	14	2 1/4	8	6	1 1/4	5/8	3	10									16.0
5	48		3	3/4	1	7	5 1/4	16 1/2	10 1/2	22 1/2	14	2 1/4	8	6	1 1/4	5/8	3	10									16.0

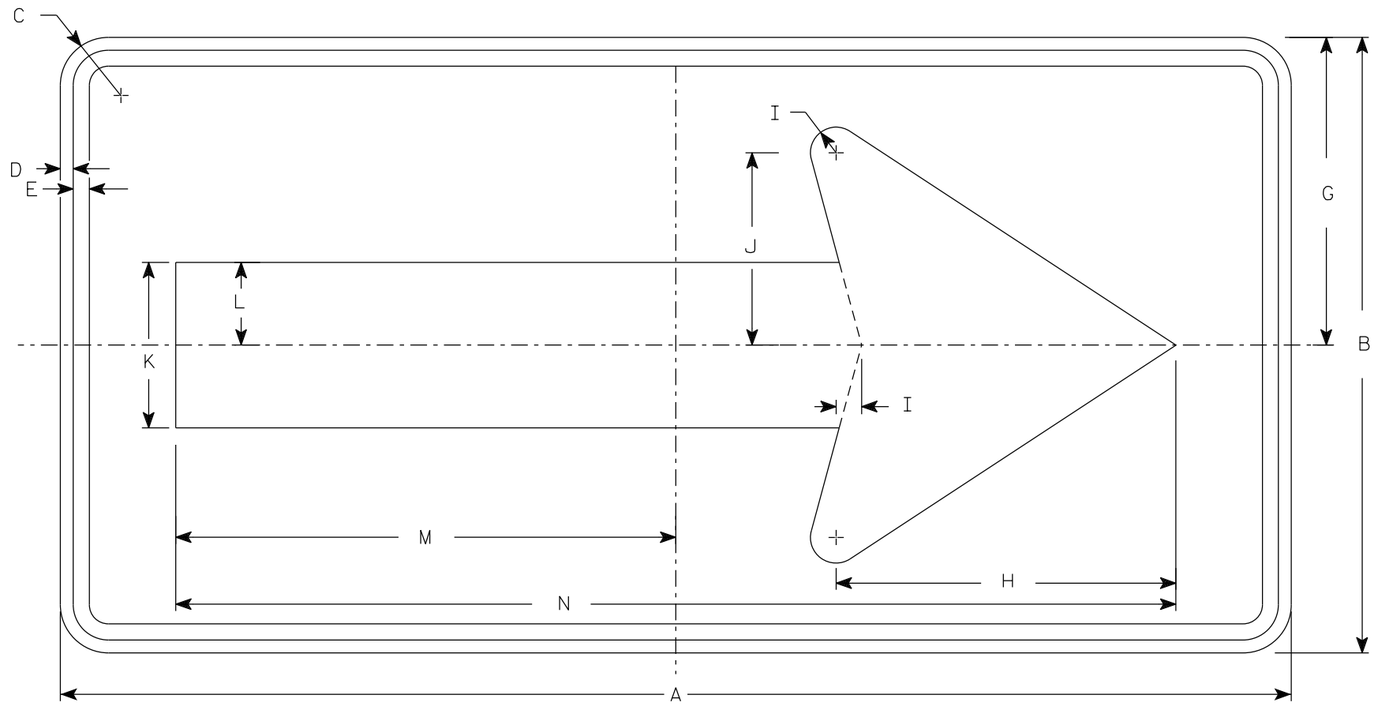
STANDARD SIGN
W01-4

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 1/24/2024 PLATE NO. W01-4.2

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 794 | E



WO1-6

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	48	24	1 7/8	1/2	5/8		12	13 1/4	1	7 1/2	6 1/2	3 1/4	19 1/2	39													8.0
2M	48	24	1 7/8	1/2	5/8		12	13 1/4	1	7 1/2	6 1/2	3 1/4	19 1/2	39													8.0
3	60	30	1 7/8	1/2	5/8		15	16 1/4	1 1/4	9 1/4	8	4	24 3/8	48 3/4													12.5
4	60	30	1 7/8	1/2	5/8		15	16 1/4	1 1/4	9 1/4	8	4	24 3/8	48 3/4													12.5
5	60	30	1 7/8	1/2	5/8		15	16 1/4	1 1/4	9 1/4	8	4	24 3/8	48 3/4													12.5

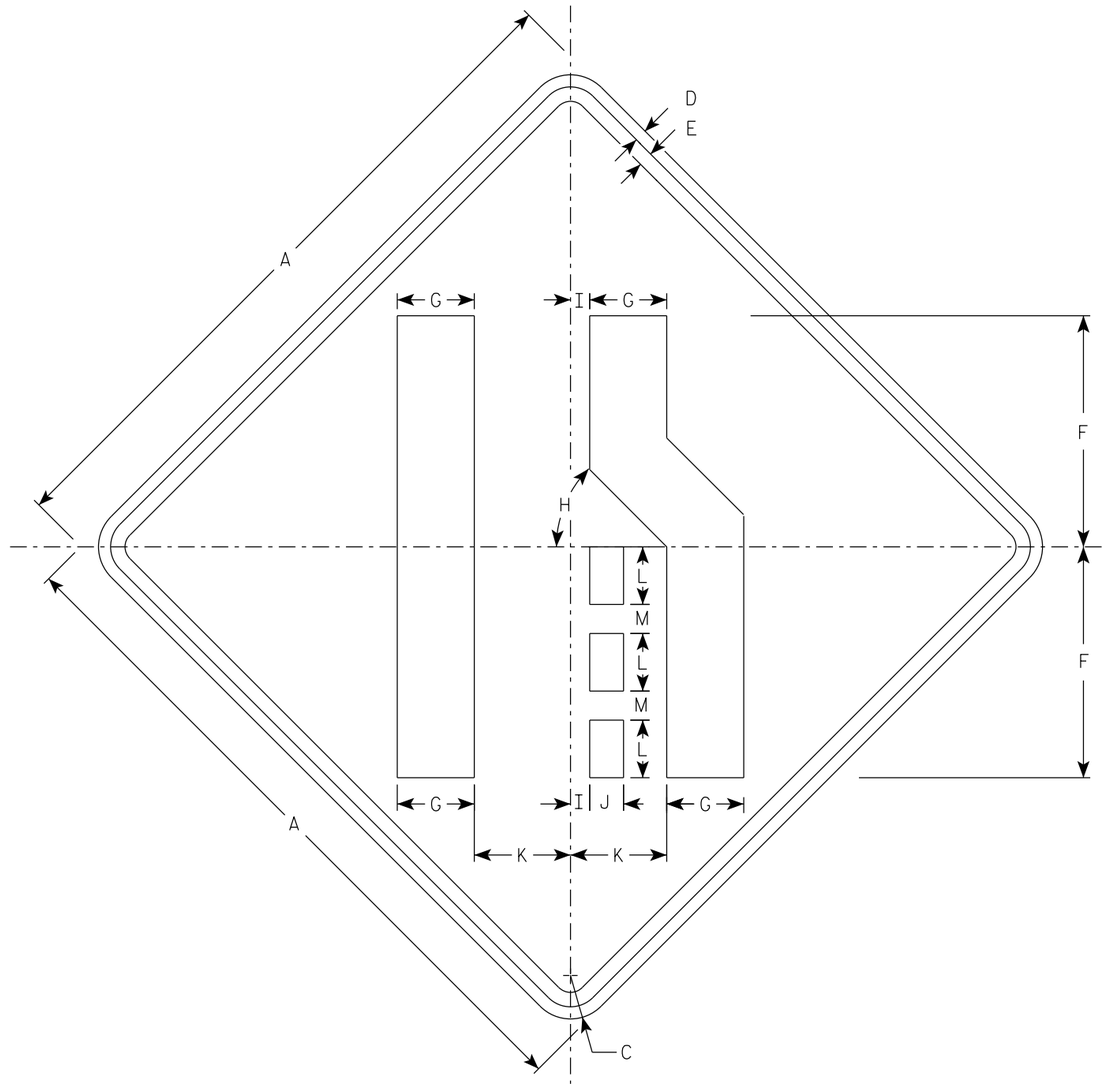
STANDARD SIGN
WO1-6

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/24/2024 PLATE NO. WO1-6.2

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E



W04-2R

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. W04-2L is the same as W04-2R except the symbol is reversed along the vertical centerline.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		2 1/4	5/8	3/4	12	4	45°	1	1 3/4	5	3	1 1/2														9.0
2S	48		3	3/4	1	16	5 3/8	45°	1 1/4	2 3/8	6 3/4	4	2														16.0
2M	48		3	3/4	1	16	5 3/8	45°	1 1/4	2 3/8	6 3/4	4	2														16.0
3	48		3	3/4	1	16	5 3/8	45°	1 1/4	2 3/8	6 3/4	4	2														16.0
4	48		3	3/4	1	16	5 3/8	45°	1 1/4	2 3/8	6 3/4	4	2														16.0
5	48		3	3/4	1	16	5 3/8	45°	1 1/4	2 3/8	6 3/4	4	2														16.0

STANDARD SIGN
W04-2

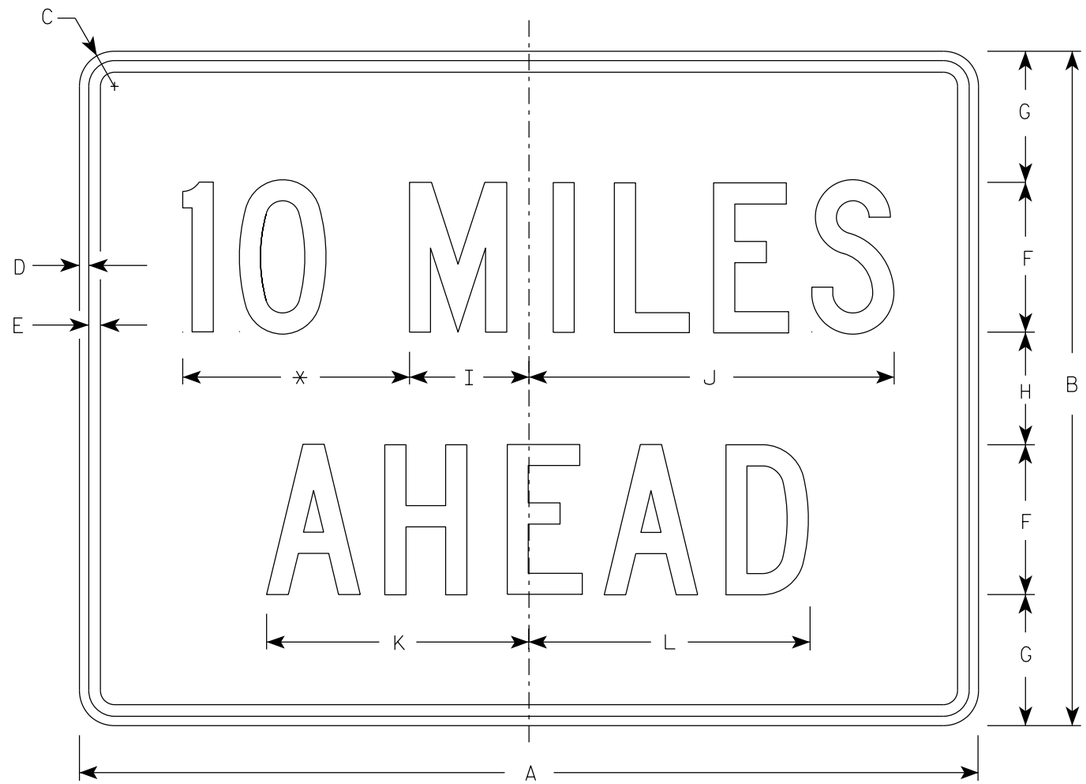
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

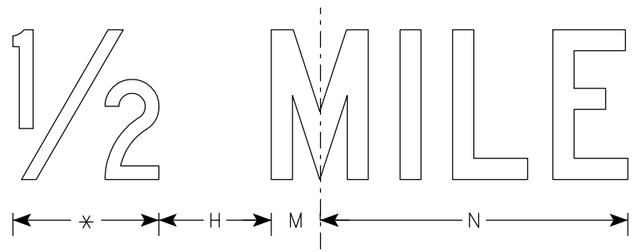
DATE 1/25/2024 PLATE NO. W04-2.2

PROJECT NO:

SHEET NO: 796 E



W057-52



NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Substitute appropriate numerals to the nearest quarter mile and optically adjust spacing to achieve proper balance.

* See note 5

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36	24	1 1/2	3/8	1/2	6	4 1/2	3	4 3/4	14 5/8	10 5/8	11 3/8	2	12													6.0
2S	48	36	2 1/4	1/2	5/8	8	7	6	6 3/8	19 1/2	14	15	2 3/4	16 3/8													12.0
2M	48	36	2 1/4	1/2	5/8	8	7	6	6 3/8	19 1/2	14	15	2 3/4	16 3/8													12.0
3	48	36	2 1/4	1/2	5/8	8	7	6	6 3/8	19 1/2	14	15	2 3/4	16 3/8													12.0
4	48	36	2 1/4	1/2	5/8	8	7	6	6 3/8	19 1/2	14	15	2 3/4	16 3/8													12.0
5	48	36	2 1/4	1/2	5/8	8	7	6	6 3/8	19 1/2	14	15	2 3/4	16 3/8													12.0

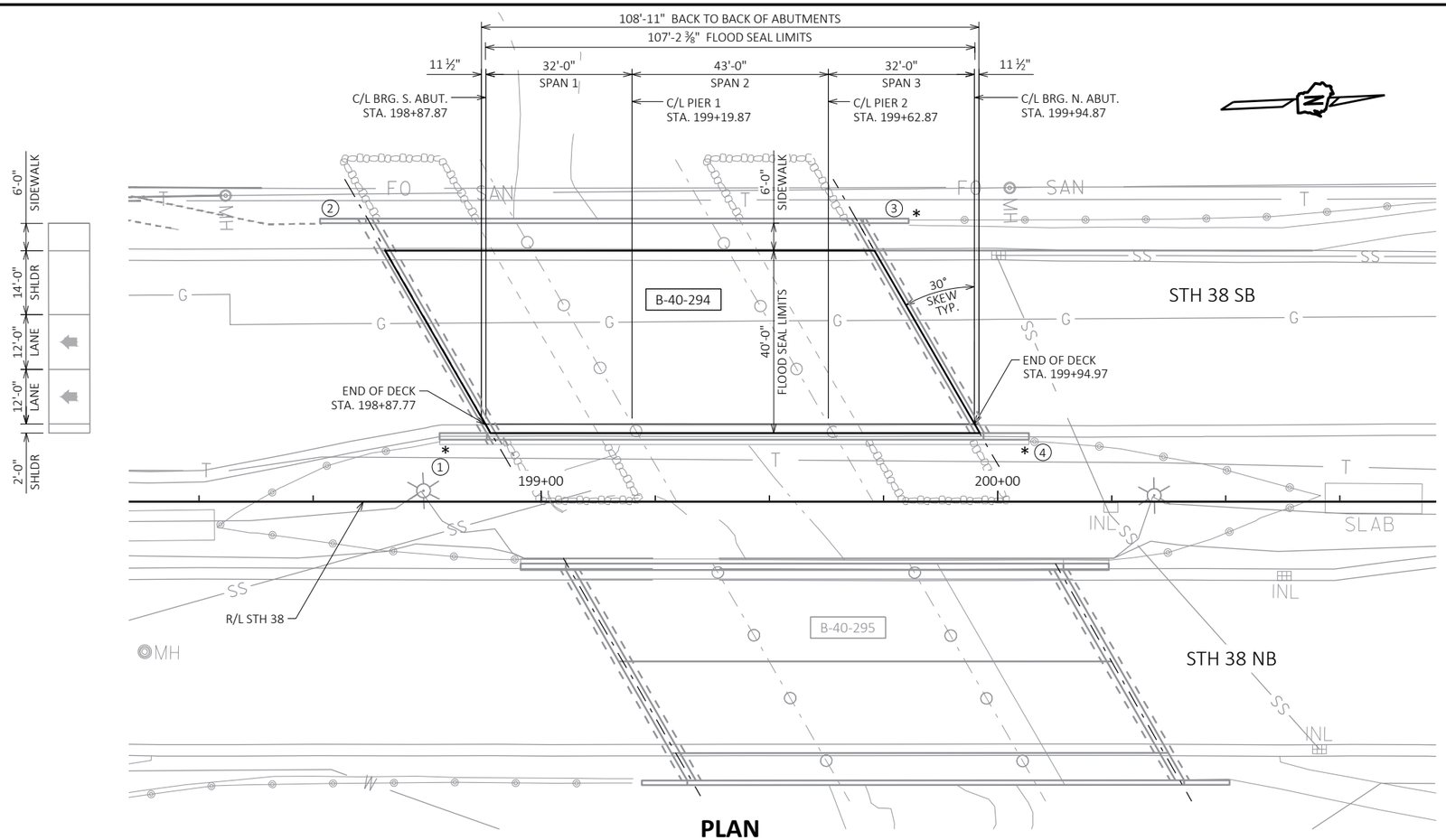
STANDARD SIGN
W057-52

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

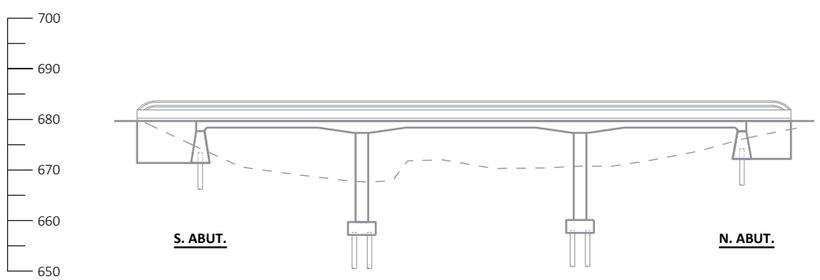
DATE 2/1/2024 PLATE NO. W057-52.3

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 797 E



PLAN

METHACRYLATE FLOOD SEAL - 3-SPAN CONTINUOUS HAUNCHED SLAB



ELEVATION

LOOKING WEST, NORMAL TO ABUTMENT FACE

TOTAL ESTIMATED QUANTITIES

BID ITEM NUMBER	BID ITEM	UNIT	TOTAL
SPV.0180	METHACRYLATE FLOOD SEAL	SY	477

ALL ITEMS ARE CATEGORY 0020

STATE PROJECT NUMBER

2060-20-70

DESIGN DATA

LIVE LOAD:

DESIGN LOADING: HS20
INVENTORY RATING: HS20
OPERATING RATING: HS34
WISCONSIN STANDARD PERMIT VEHICLE (WIS-SPV): 250 (KIPS)

RATINGS TAKEN FROM HSI (10/10/2025)

TRAFFIC DATA

STH 38
ADT = 27,800 (2047)
R.D.S. = 45 MPH

SCOPE OF WORK

1. METHACRYLATE FLOOD SEAL

LEGEND

(X) INDICATES WING NUMBER.

* INDICATES EXISTING THRIE-BEAM ATTACHMENT.

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

DIMENSIONS AND ELEVATIONS SHOWN ARE BASED ON THE EXISTING STRUCTURE PLANS OR INSPECTION REPORT.

MATERIALS, EQUIPMENT, ETC. SHALL NOT BE STOCKPILED/STORED ON THE BRIDGE DECK WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

DECK SURFACE PREPARATION INCLUDED IN THE BID ITEM "METHACRYLATE FLOOD SEAL".

SEE RDWY PLANS FOR STAGING DETAILS.

LIST OF DRAWINGS

1. DECK SEALING

WISCONSIN
ERIC T. PRICE
E-39027
MADISON
WI
PROFESSIONAL ENGINEER

December 1, 2025

BUREAU OF STRUCTURES CONTACT:
AARON BONK (608) 261-0261

CONSULTANT CONTACT:
ERIC PRICE (608) 826-6146

NO.	DATE	REVISION	BY

CORRE ENGINEERING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORATION

ACCEPTED JLR 05/11/26
CHIEF STRUCTURES DESIGN ENGINEER DATE

STRUCTURE B-40-294

STH 38 SB OVER OAK CREEK

COUNTY	CITY
MILWAUKEE	OAK CREEK

DESIGN SPEC.
REHABILITATION N/A

DESIGNED BY	DESIGNED CK'D	DRAWN BY	PLANS CK'D
SAE	ETP	PKF	ETP

DECK SEALING

SHEET 1 OF 1
798

SCALE =

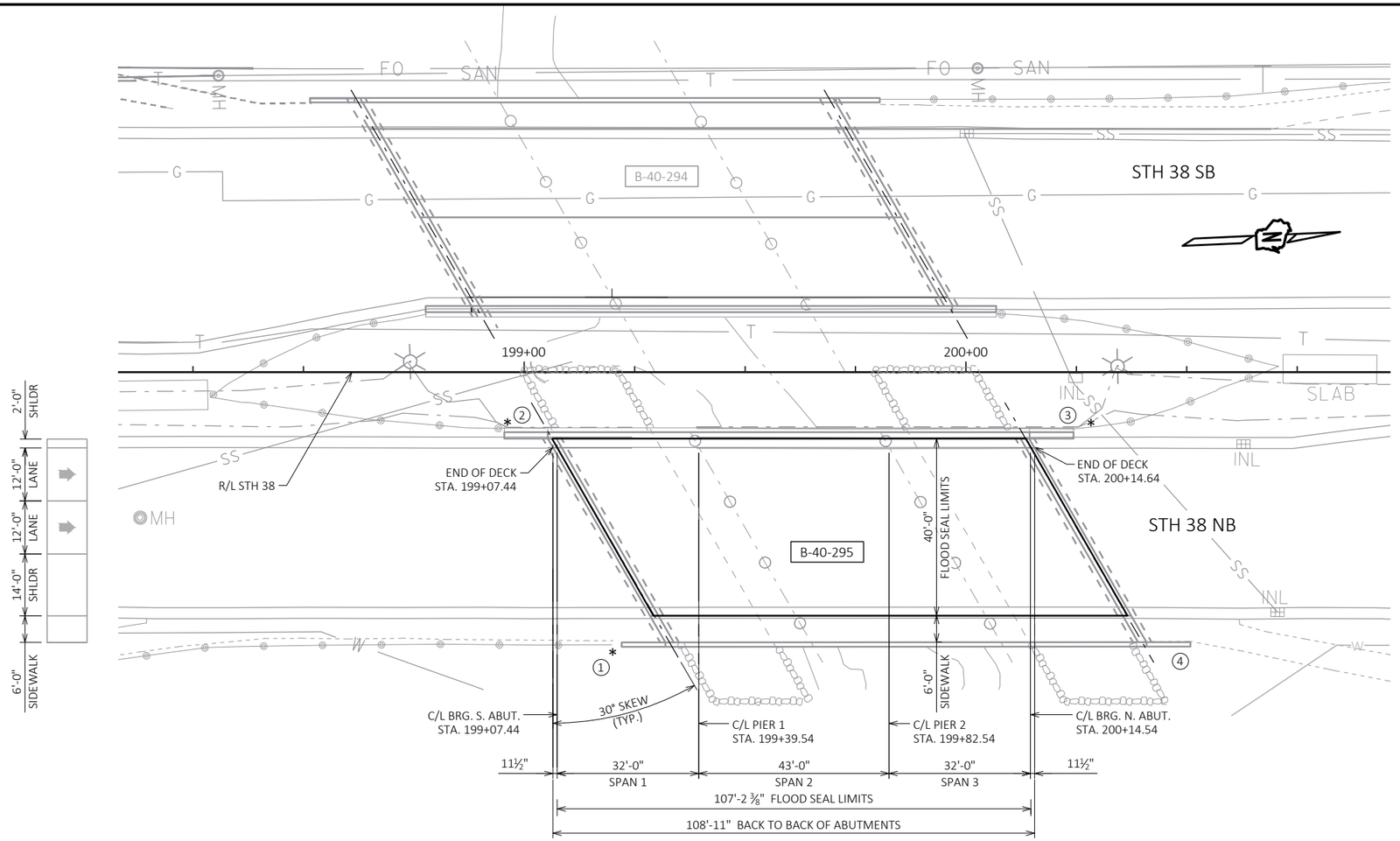
I.D. 2060-20-00 DATE:

8

8

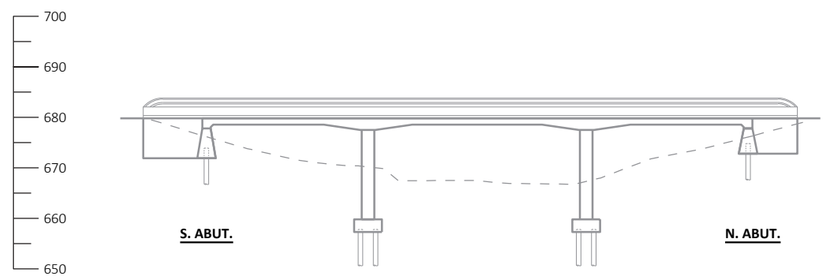
STATE PROJECT NUMBER

2060-20-70



PLAN

METHACRYLATE FLOOD SEAL - 3-SPAN CONTINUOUS HAUNCHED SLAB



ELEVATION

LOOKING WEST, NORMAL TO ABUTMENT FACE

TOTAL ESTIMATED QUANTITIES

BID ITEM NUMBER	BID ITEM	UNIT	TOTAL
SPV.0180	METHACRYLATE FLOOD SEAL	SY	477

ALL ITEMS ARE CATEGORY 0030

DESIGN DATA

LIVE LOAD:

DESIGN LOADING: HS20
INVENTORY RATING: HS20
OPERATING RATING: HS34
WISCONSIN STANDARD PERMIT VEHICLE (WIS-SPV): 250 (KIPS)

RATINGS TAKEN FROM HSI (10/10/2025)

TRAFFIC DATA

STH 38
ADT = 27,800 (2047)
R.D.S. = 45 MPH

SCOPE OF WORK

1. METHACRYLATE FLOOD SEAL

LEGEND

(X) INDICATES WING NUMBER.

* INDICATES EXISTING THRIE-BEAM ATTACHMENT.

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

DIMENSIONS AND ELEVATIONS SHOWN ARE BASED ON THE EXISTING STRUCTURE PLANS OR INSPECTION REPORT.

MATERIALS, EQUIPMENT, ETC. SHALL NOT BE STOCKPILED/STORED ON THE BRIDGE DECK WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

DECK SURFACE PREPARATION INCLUDED IN THE BID ITEM "METHACRYLATE FLOOD SEAL".

SEE RDWY PLANS FOR STAGING DETAILS.

LIST OF DRAWINGS

1. DECK SEALING

WISCONSIN
ERIC T. PRICE
E-39027
MADISON
WI
PROFESSIONAL ENGINEER

December 1, 2025

BUREAU OF STRUCTURES CONTACT:
AARON BONK (608) 261-0261

CONSULTANT CONTACT:
ERIC PRICE (608) 826-6146

NO.	DATE	REVISION	BY

CORRE ENGINEERING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORATION

ACCEPTED JLR 05/11/26
CHIEF STRUCTURES DESIGN ENGINEER DATE

STRUCTURE B-40-295

STH 38 NB OVER OAK CREEK

COUNTY: MILWAUKEE | CITY: OAK CREEK

DESIGN SPEC.
REHABILITATION N/A

DESIGNED BY	DESIGNED CK'D	DRAWN BY	PLANS CK'D
SAE	ETP	PKF	ETP

DECK SEALING

SHEET 1 OF 1
799

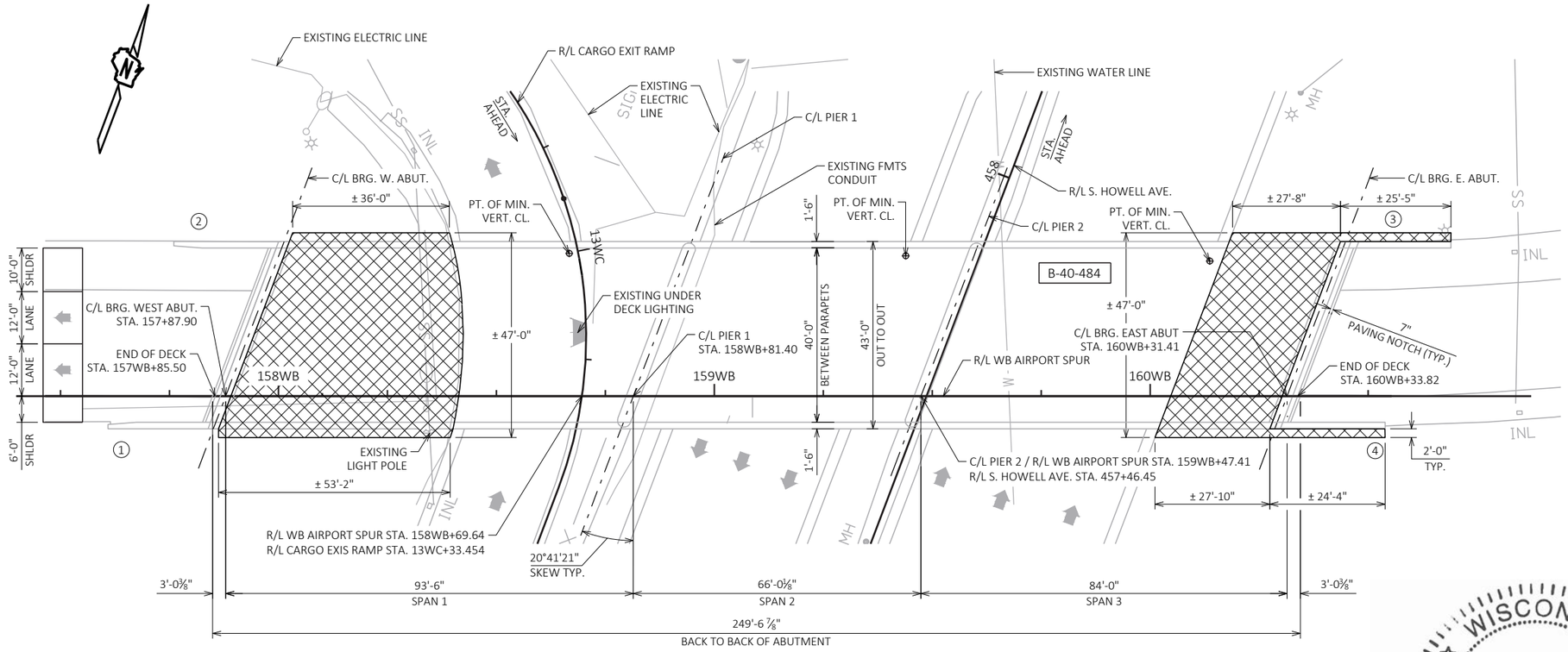
SCALE =

8

8

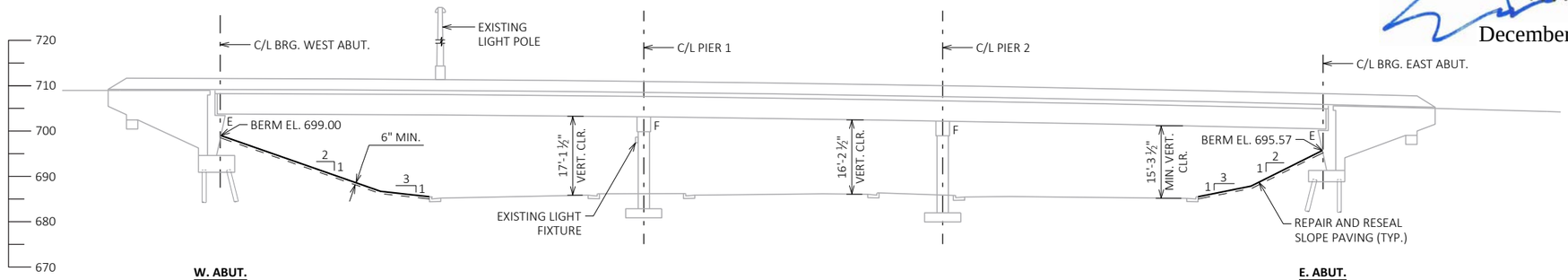
STATE PROJECT NUMBER

2060-20-70



PLAN

REHABILITATION - 3 SPAN, 54" PRESTRESSED CONCRETE GIRDER BRIDGE



W. ABUT. **E. ABUT.**

ELEVATION

LOOKING NORTH

DESIGN DATA

LIVE LOAD:

DESIGN LOADING: HS20
INVENTORY RATING: HS18
OPERATING RATING: HS40
WISCONSIN STANDARD PERMIT VEHICLE (WIS-SPV): 170 (KIPS)

RATINGS TAKEN FROM HSI (10/10/2025)

TRAFFIC DATA

STH 119 WB - AIRPORT SPUR:
ADT = 5,700 (2024)
ADT = 6,240 (2041)
R.D.S. = 60 MPH

TRAFFIC DATA FROM HSI (10/10/2025)

SCOPE OF WORK

1. PERFORM SLOPE PAVING REPAIR AT LOCATIONS DESIGNATED BY ENGINEER.
2. RESEAL EXISTING SLOPE PAVING WITH UV-RESISTANT EPOXY RESIN AND BROADCAST AGGREGATE.

LEGEND

(X) INDICATES WING NUMBER.

SLOPE PAVING REPAIR LIMITS

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

DIMENSIONS AND ELEVATIONS SHOWN ARE BASED ON THE ORIGINAL STRUCTURE PLANS. A VALUE OF 580.60 WAS ADDED TO AS-BUILT ELEVATIONS TO UPDATE THE DATUM.

VERTICAL CLEARANCES ARE BASED ON THE INSPECTION REPORT.

SLOPE PAVING REPAIR AS DIRECTED BY THE FIELD ENGINEER. QUANTITIES SHOWN ARE APPROXIMATE.

LIST OF DRAWINGS

1. GENERAL PLAN
2. CROSS SECTION & QUANTITIES

WISCONSIN ERIC T. PRICE E-39027 MADISON WI PROFESSIONAL ENGINEER

December 1, 2025

NO.	DATE	REVISION	BY

CORRE ENGINEERING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORATION

ACCEPTED JLR 05/11/26
CHIEF STRUCTURES DESIGN ENGINEER DATE

STRUCTURE B-40-484

STH 119 WB AIRPORT SPUR OVER S HOWELL AVE

COUNTY	CITY
MILWAUKEE	MILWUAKEE

DESIGN SPEC.
REHABILITATION N/A

DESIGNED BY	DESIGNED CK'D	DRAWN BY	PLANS CK'D
SAE	ETP	PFK	ETP

GENERAL PLAN

SHEET 1 OF 2

SCALE = 800

BUREAU OF STRUCTURES CONTACT:
AARON BONK (608) 261-0261

CONSULTANT CONTACT:
ERIC PRICE (608) 826-6146

8

8

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\WI-SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\503_STRUCTURES\503.3_FINAL\080101 GP_B-40-484.DWG

PLOT DATE : 12/1/2025 11:44 AM

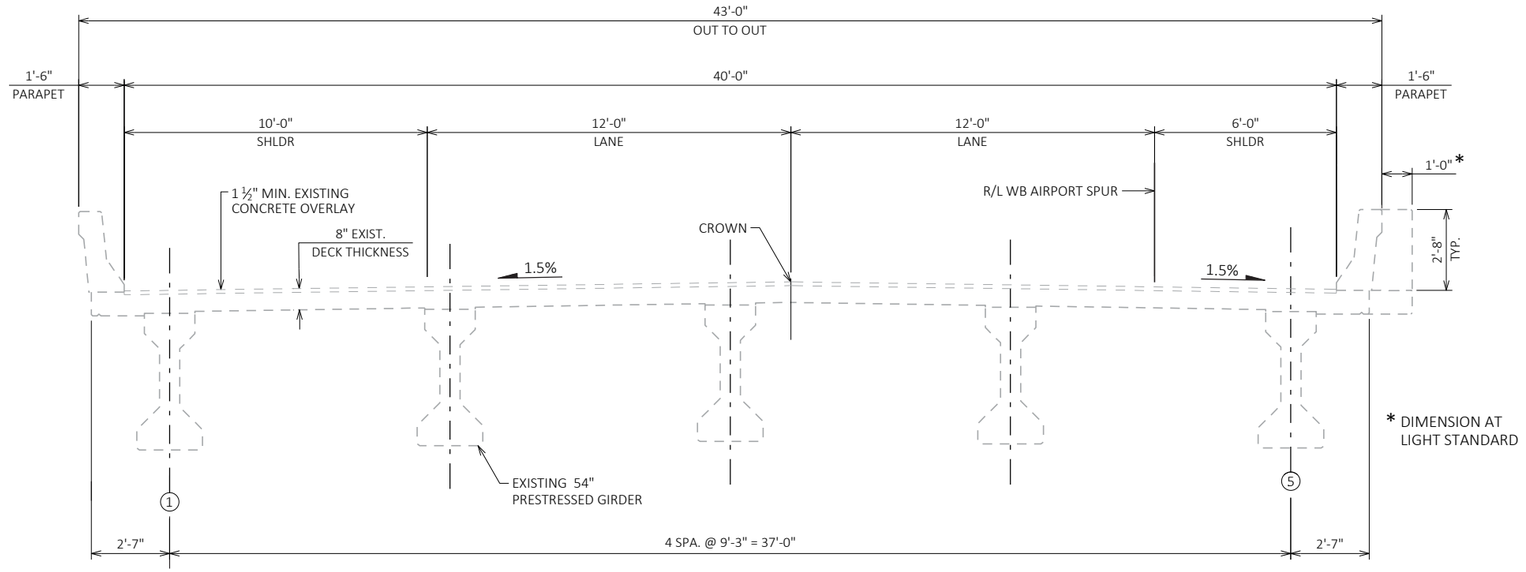
PLOT BY : PAULETTE FENSKE

I.D. 2060-20-00

DATE:

STATE PROJECT NUMBER

2060-20-70



CROSS SECTION THRU WB AIRPORT SPUR (STH 119)

LOOKING EAST

TOTAL ESTIMATED QUANTITIES

BID ITEM NUMBER	BID ITEM	UNIT	WEST ABUTMENT	EAST ABUTMENT	TOTALS
604.9010.S	SLOPE PAVING REPAIR CRUSHED AGGREGATE	CY	15	17	32
SPV.0180	RESEAL CRUSHED AGGREGATE SLOPE PAVING SPECIAL	SY	285	170	455
	NON-BID ITEMS				

ALL ITEMS ARE CATEGORY 0040

8

8

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-40-484

DRAWN BY PKF | PLANS CK'D ETP

ORIGINAL PLAN PREPARED BY
CORRE ENGINEERING

CROSS SECTION & QUANTITIES

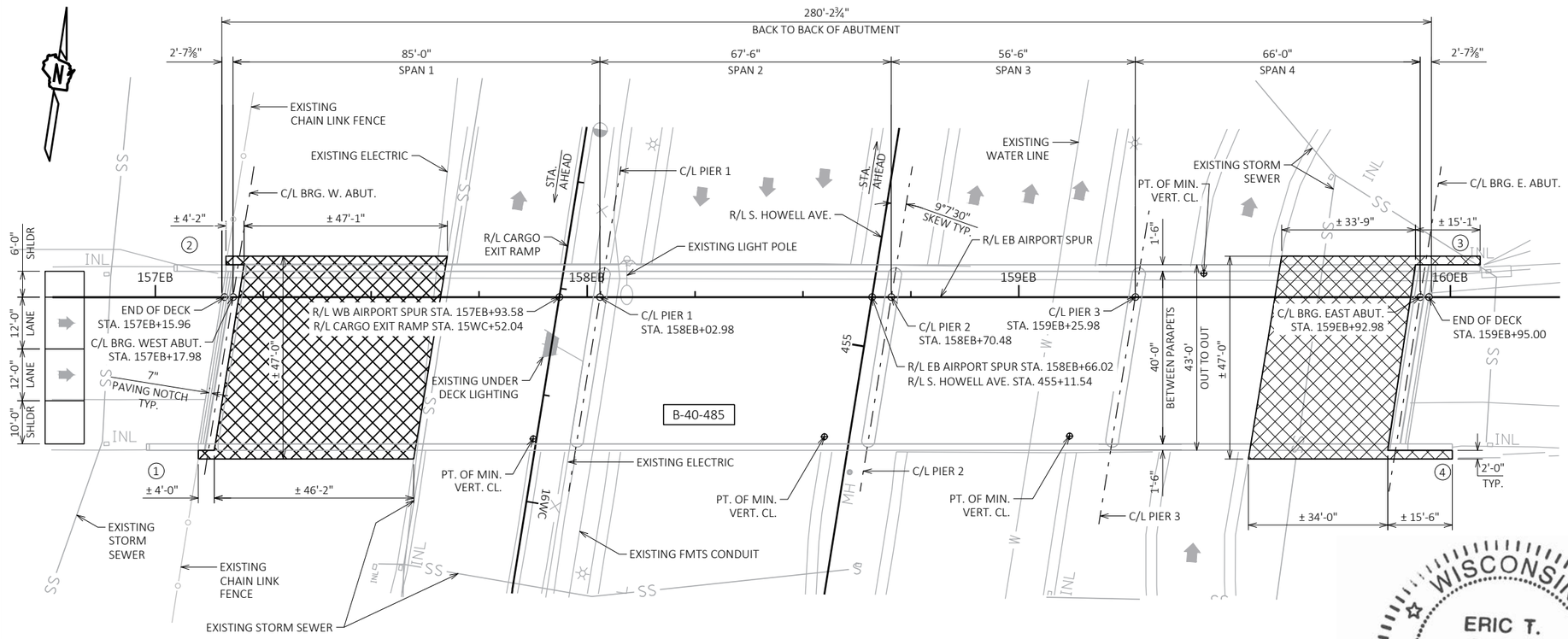
SHEET 2 OF 2
801

SCALE =

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\WI-SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\503_STRUCTURES\503.3_FINAL\080101 GP_B-40-484.DWG PLOT DATE : 12/1/2025 11:45 AM PLOT BY : PAULETTE FENSKE

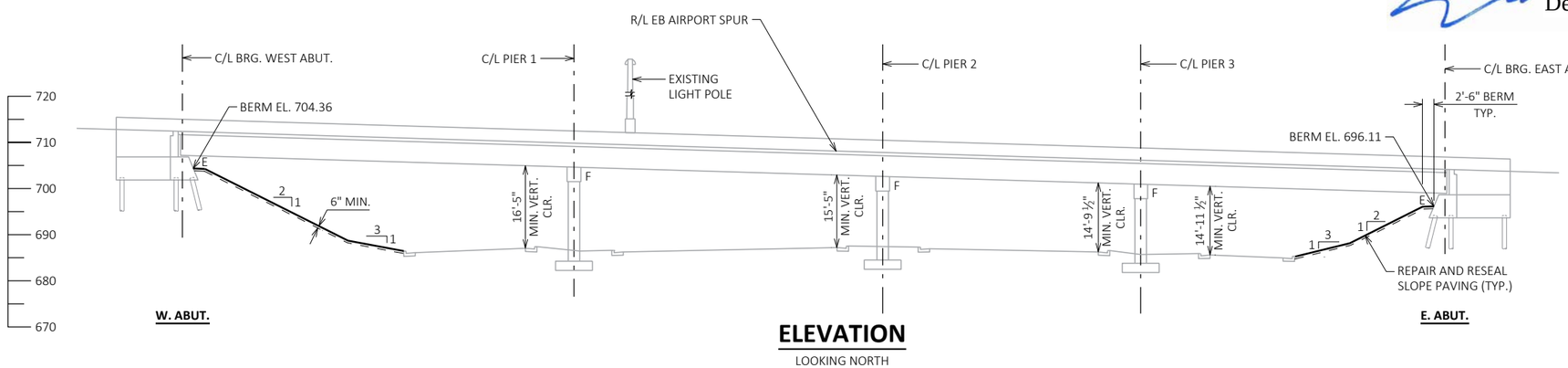
STATE PROJECT NUMBER

2060-20-70



PLAN

REHABILITATION - 4 SPAN, 45" PRESTRESSED CONCRETE GIRDER BRIDGE



W. ABUT. **E. ABUT.**

ELEVATION

LOOKING NORTH

DESIGN DATA

LIVE LOAD:

DESIGN LOADING: HS20
INVENTORY RATING: HS18
OPERATING RATING: HS33
WISCONSIN STANDARD PERMIT VEHICLE (WIS-SPV): 190 (KIPS)

RATINGS TAKEN FROM HSI (10/10/2025)

TRAFFIC DATA

STH 119 EB - AIRPORT SPUR:
ADT = 10.157 (2023)
R.D.S. = 60 MPH

TRAFFIC DATA FROM 2019 PLAN.

SCOPE OF WORK

1. PERFORM SLOPE PAVING REPAIR AT LOCATIONS DESIGNATED BY ENGINEER.
2. RESEAL EXISTING SLOPE PAVING WITH UV-RESISTANT EPOXY RESIN AND BRAODCAST AGGREGATE.

LEGEND

Ⓧ INDICATES WING NUMBER.
SLOPE PAVING REPAIR LIMITS

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

DIMENSIONS AND ELEVATIONS SHOWN ARE BASED ON THE ORIGINAL STRUCTURE PLANS. A VALUE OF 580.60 WAS ADDED TO AS-BUILT ELEVATIONS TO UPDATE THE DATUM.

VERTICAL CLEARANCES ARE BASED ON THE INSPECTION REPORT.

SLOPE PAVING REPAIR AS DIRECTED BY THE FIELD ENGINEER. QUANTITIES SHOWN ARE APPROXIMATE.

LIST OF DRAWINGS

1. GENERAL PLAN
2. CROSS SECTION & QUANTITIES

WISCONSIN
ERIC T. PRICE
E-39027
MADISON
WI
PROFESSIONAL ENGINEER

December 1, 2025

NO.	DATE	REVISION	BY

CORRE ENGINEERING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORATION

ACCEPTED JLR 05/11/26
CHIEF STRUCTURES DESIGN ENGINEER — DATE

STRUCTURE B-40-485

STH 119 EB AIRPORT SPUR OVER S. HOWELL AVE.

COUNTY	CITY
MILWAUKEE	MILWAUKEE

DESIGN SPEC.
REHABILITATION N/A

DESIGNED BY	DESIGNED CK'D	DRAWN BY	PLANS CK'D
SAE	ETP	PKF	ETP

GENERAL PLAN

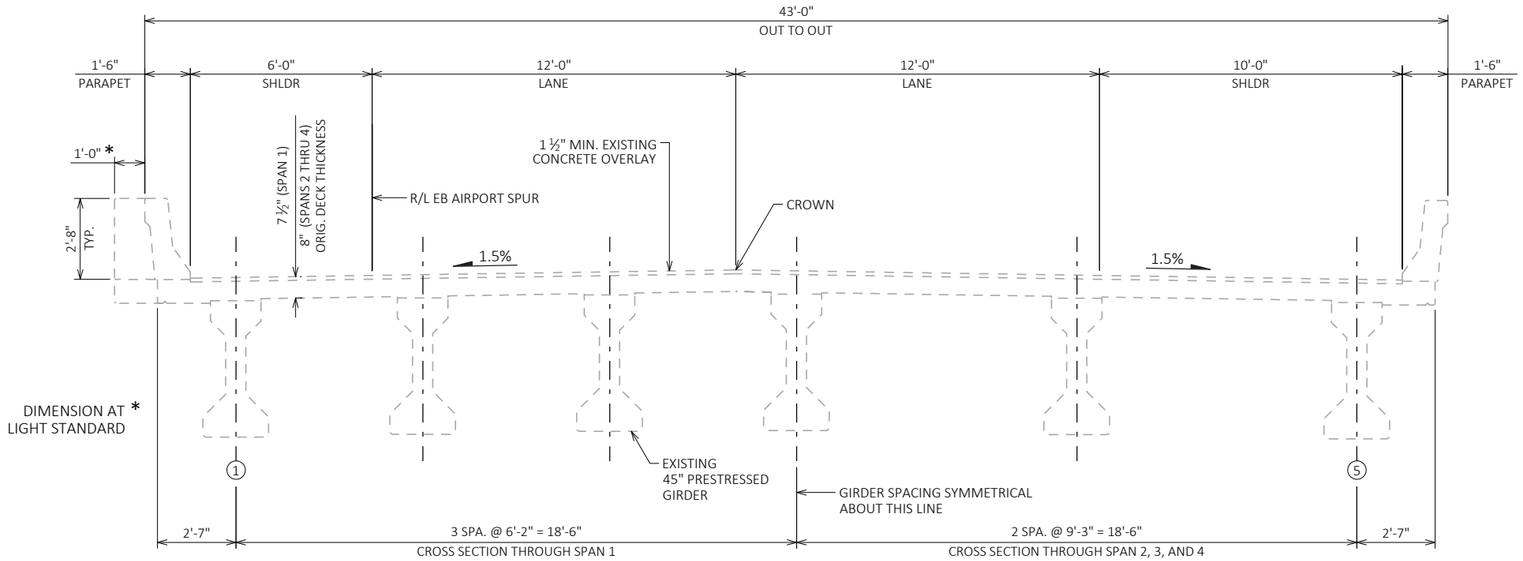
SHEET 1 OF 2
802

BUREAU OF STRUCTURES CONTACT:
AARON BONK (608) 261-0261

CONSULTANT CONTACT:
ERIC PRICE (608) 826-6146

STATE PROJECT NUMBER

2060-20-70



CROSS SECTION THRU EB AIRPORT SPUR (STH 119)

LOOKING EAST

TOTAL ESTIMATED QUANTITIES

BID ITEM NUMBER	BID ITEM	UNIT	WEST ABUTMENT	EAST ABUTMENT	TOTALS
604.9010.S	SLOPE PAVING REPAIR CRUSHED AGGREGATE	CY	24.0	24.0	48
SPV.0180	RESEAL CRUSHED AGGREGATE SLOPE PAVING SPECIAL	SY	285	205	490
	NON-BID ITEMS				
			--	--	

ALL ITEMS ARE CATEGORY 0050

8

8

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-40-485

DRAWN BY PKF | PLANS CK'D ETP

ORIGINAL PLAN PREPARED BY
CORRE ENGINEERING

CROSS SECTION & QUANTITIES

SHEET 2 OF 2
803

SCALE =

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\PROJECTS\WI-SE REGION\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\503_STRUCTURES\503.3_FINAL\080101 GP_B-40-485.DWG PLOT DATE : 11/26/2025 2:19 PM PLOT BY : PAULETTE FENSKE

DESIGN DATA

CONTRACTOR DESIGNED OVERHEAD SIGN STRUCTURES SHALL BE DESIGNED ACCORDING TO THE AASHTO "LRFD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS", 1ST EDITION AND INTERIM SPECIFICATIONS, AND THE WISDOT BRIDGE MANUAL.

STANDARD FOUNDATIONs DESIGNED ACCORDING TO THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, 8TH EDITION.

DEAD LOAD: WT. OF SIGN AND SUPPORTING STRUCTURE
ICE LOAD: 3 PSF TO ONE FACE OF SIGN & SURFACE OF MEMBERS
WIND PRESSURE: 115 MPH (3-SEC. GUST SPEED) TO SIGN AREA & EXPOSED MEMBERS (700 YEAR MEAN RECURRENCE INTERVAL)

WIND COMPONENTS	NORMAL	TRANSVERSE
LOAD CASE 1:	1.00	0.00
LOAD CASE 2:	0.00	1.00
LOAD CASE 3:	0.75	0.75

LOAD COMBINATIONS

STRENGTH I:	1.25 DC + 1.6 LL
EXTREME I (MAX DC):	1.1 DC + 1.0 W + 1.0 ICE
EXTREME I (MIN DC):	0.9 DC + 1.0 W
SERVICE I:	1.0 DC + 1.0 W
FATIGUE:	1.0 NW (NATURAL WIND GUST)
	1.0 TrG (TRUCK INDUCED GUST)
	1.0 GVW (GALLOPING - CANTILEVER ONLY)

MATERIAL PROPERTIES

CONCRETE MASONRY ——— f'_c = 3,500 PSI

HIGH STRENGTH STEEL REINFORCEMENT, GRADE 60 ——— f_y = 60,000 PSI

STRUCTURAL ANGLES, PLATES & BARS - ASTM A709 GRADE 36 ——— f_y = 36,000 PSI

HIGH STRENGTH BOLTS - ASTM A3125 GRADE A325 ——— f_y = 92,000 PSI

ANCHOR RODS - ASTM F1554 GRADE 55 ——— f_y = 55,000 PSI

HEAVY HEX NUTS - ASTM A563 GRADE DH OR ASTM A194 GRADE 2H

WASHERS - ASTM F436

DTI WASHERS - ASTM F959 TYPE 325

FOUNDATION DATA

SIGN STRUCTURE FOUNDATIONS ARE SUPPORTED ON DRILLED SHAFTS THAT HAVE BEEN DESIGN FOR SITES WHERE SOILS EXHIBIT A PHI-ANGLE GREATER THAN OR EQUAL TO 24° (GRANULAR SOILS), OR A COHESION VALUE GREATER THAN OR EQUAL TO 750 PSF (COHESIVE SOILS) AND A UNIT WEIGHT OF 125 PCF. THE GROUND WATER TABLE FOR DESIGN IS ASSUMED TO BE AT A DEPTH OF 10'-0" BELOW THE GROUND SURFACE, ACTUAL WATER LEVEL AT SITE MAY VARY. THE REGION GEOTECHNICAL ENGINEER SHALL VISUALLY INSPECT THE SUBSURFACE SOILS DURING THE DRILLING OF THE SHAFT HOLE TO CONFRIM THESE PROPERTIES PRIOR TO PLACEMENT OF THE DRILLED SHAFT CONCRETE.

TOTAL ESTIMATED QUANTITIES

BID ITEM NO.	BID ITEM	UNIT	S-40-3124
531.2036	DRILLING SHAFT 36-INCH	LF	18
531.5310	FOUNDATION SINGLE-SHAFT TYPE TC-I (S-40-3124)	EA	1
532.5310	TRUSS CANTILEVER 2-CHORD TYPE I (S-40-3124)	EA	1

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

ALTERNATE DESIGNS ARE NOT ALLOWED.

COORDINATES ON THIS PLAN ARE REFERENCED TO THE WISCONSIN COORDINATE REFERENCE SYSTEM (WISCRS), MILWAUKEE COUNTY, NAD83 (2011). ALL STATIONS AND ELEVATIONS ARE IN FEET. ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM NAVD 88 (2012).

ALL REINFORCING BARS ARE IN ENGLISH UNITS. THE FIRST DIGIT OF A THREE-DIGIT BAR MARK OR THE FIRST TWO DIGITS OF A FOUR-DIGIT BAR MARK SIGNIFIES THE BAR SIZE.

SIGN BRIDGE ID PLAQUES SHALL BE CONSIDERED INCIDENTAL TO THE TRUSS OR MONOTUBE BID ITEMS FOR EACH APPLICABLE SIGN STRUCTURE IN THE PLAN SET. LOCATE THE ID PLAQUE ON THE FREEWAY SIDE OF THE SUPPORT COLUMN SO THAT IT CAN BE SEEN FROM THE ROADWAY. FABRICATE AND INSTALL THE ID PLAQUE IN ACCORDANCE WITH S.D.D. 12 A4-3.

UNLESS DETAILED OTHERWISE IN THE PLANS, ALL H.S. BOLTED CONNECTIONS SHALL BE MADE WITH ¾" DIA. A325 GALVANIZED BOLTS. FIELD CONNECTIONS SHALL BE INSTALLED WITH DTI WASHERS.

WELDED CONNECTIONS CAN BE USED IN LIEU OF BOLTED CONNECTIONS, IF A TRUSS UNIT CAN BE GALVANIZED IN ONE PIECE.

WELD TEST AS PER AWS D1.1.

SEE SIGN PLATE NO. A4-6, A4-7A & A4-7B OF THE SIGN PLATE MANUAL FOR INSTRUCTIONS ON CENTERING SIGNS VERTICALLY ON THE TRUSS.

SIGNS OR BLANKS SHALL BE INSTALLED ON TRUSS AT TIME OF ERECTION. BLANKS SHALL BE ¼ THE LENGTH OF THE CANTILEVER SPAN, 2'-0" DEEPER THAN THE C/L TO C/L OF CHORDS, AND SHALL BE CENTERED ON THE BRIDGE. SIGNS SHALL BE AS DESIGNATED ON THE PLANS.

THE INFORMATION SHOWN ON THESE DRAWINGS CONCERNING TYPE AND LOCATION OF UTILITIES IS NOT GUARANTEED TO BE ACCURATE OR ALL-INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATION OF THE TYPE AND LOCATION OF UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE.

CONTRACTOR SHALL SUBMIT SHOP DRAWINGS PER THE REQUIREMENTS IN THE STANDARD SPECIFICATIONS PRIOR TO FABRICATION OF THE STRUCTURE. CONTRACTOR SHALL SHOW SIGNS ON THE SHOP DRAWINGS.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR DRILLING OR EXCAVATING AND MAINTAINING A STABLE AND OPEN HOLE FOR SUBSEQUENT INSTALLATION OF CONCRETE MASONRY FOR THE DRILLED SHAFTS. PARTIAL OR FULL DEPTH TEMPORARY CASING MAY BE REQUIRED TO MAINTAIN THE STABILITY OF THE EXCAVATED HOLE FOR THE SIGN SUPPORT PRIOR TO FILLING THE HOLE WITH CONCRETE. PERMANENT CASING MADE FROM STEEL OR CORRUGATED METAL PIPE MAY BE USED IN LIEU OF TEMPORARY CASING. TEMPORARY/PERMANENT CASING, IF USED, SHALL BE INCIDENTAL TO THE BID ITEM "DRILLING SHAFT (36-INCH)".

STRUCTURE DATA

STRUCTURE ID	SIGN AREA	SIGN DEPTH	FOUNDATION TYPE	TRUSS TYPE
S-40-3124	49 SF	7'-0"	TYPE TCI	TYPE TCI

LIST OF DRAWINGS:

1. GENERAL NOTES & DESIGN DATA
2. LAYOUT S-40-3124

LIST OF STANDARD DESIGN DRAWINGS

3. I. MONOTUBE & 2-CHORD TRUSS CONNECTIONS 1
4. II. MONOTUBE & 2-CHORD TRUSS CONNECTIONS 2
5. III. MONOTUBE & 2-CHORD TRUSS ELECTRICAL DETAILS
6. IV. MONOTUBE & 2-CHORD TRUSS FOUNDATIONS

THESE ARE STANDARD DESIGN PLANS DEVELOPED AND MAINTAINED BY THE WISDOT. THE DESIGNER CERTIFIES THAT THE DESIGN AND PLAN DETAILS CHOSEN ARE CONSISTENT WITH THE GUIDANCE PROVIDED IN THE CURRENT WISDOT BRIDGE MANUAL CHAPTER 39.

WISCONSIN
ERIC T. PRICE E-39027 MADISON WI
PROFESSIONAL ENGINEER
March 5, 2026

STATE PROJECT NUMBER
2060-20-70

TRAFFIC VOLUME

A.D.T. (2027) = 26,200
R.D.S. = 35 MPH

STRUCTURE DESIGN CONTACTS:
AARON BONK, P.E. 608-261-0261
ERIC PRICE, P.E. 608-826-6146

NO.	DATE	REVISION	BY

CORRE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORATION

ACCEPTED JLR 05/11/26
CHIEF STRUCTURES DESIGN ENGINEER — DATE

MONOTUBE & 2-CHORD

STH 38

COUNTY: MILWAUKEE | CITY: OAK CREEK

DESIGN SPEC.: AASHTO LRFD BRIDGE DESIGN SPECIFICATION

DESIGNED BY	DESIGNED CK'D	DRAWN BY	PLANS CK'D
SAE	ETP	MW	ETP

GENERAL NOTES & DESIGN DATA

SHEET 1 OF 6
804

SCALE =

I.D.

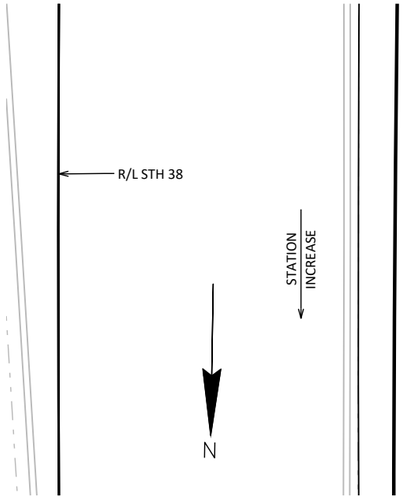
DATE:

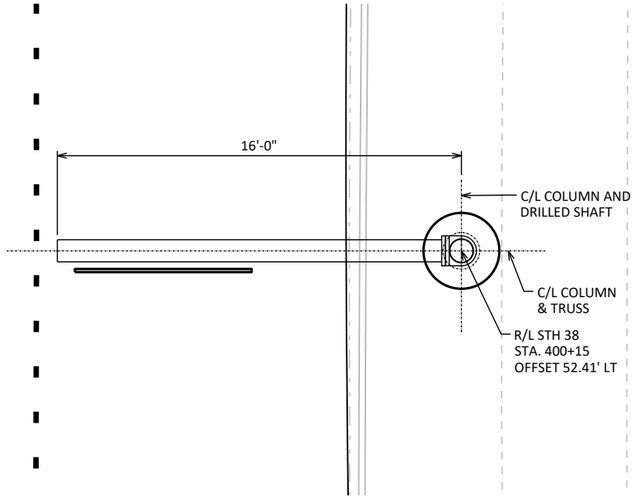
8

8

STATE PROJECT NUMBER

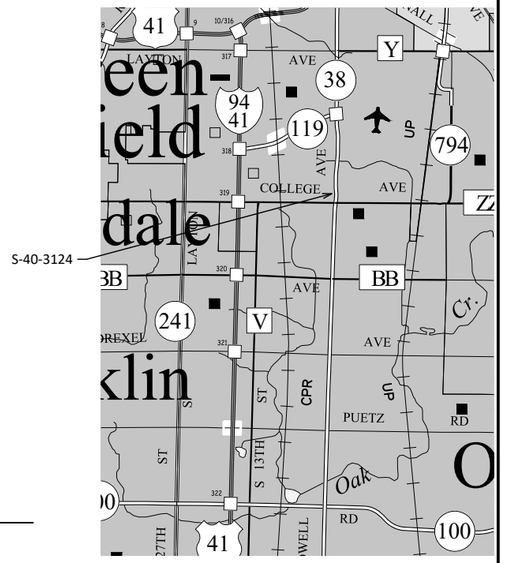
2060-20-70



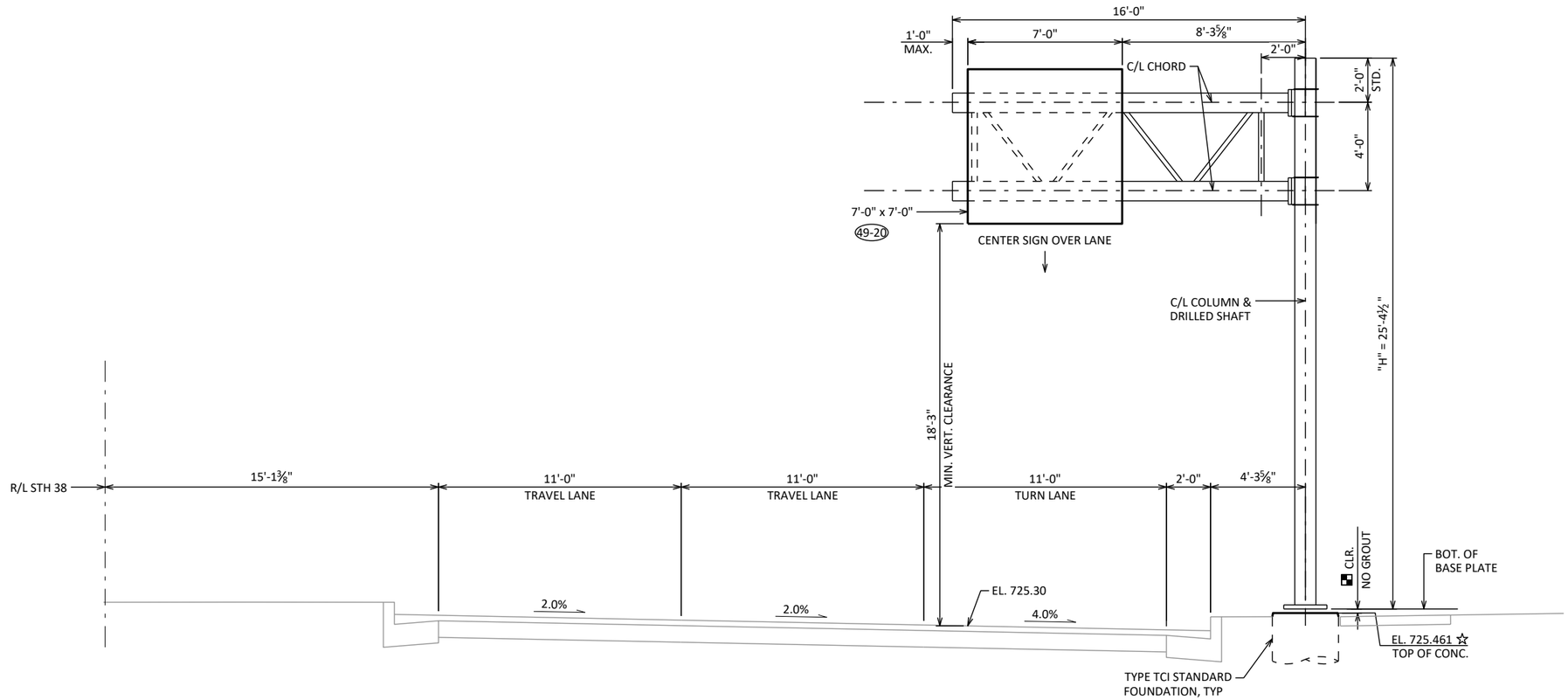


PLAN

STA. 400+15 STH 38 SOUTH
600' NORTH OF CTH ZZ/COLLEGE AVE



LOCATION MAP



ELEVATION

LOOKING SOUTH AT F.F. OF SIGN

LEGEND

☆ ELEVATIONS GIVEN ALONG C/L STRUCTURE

(XXX) SIGN NUMBER, SEE PERMANENT SIGNING PLAN

▪ STANDOFF DIMENSION IS ASSUMED TO BE 2½", BUT IS A MAX. OF 2 x ANCHOR ROD DIAMETER. SEE FOUNDATION DETAILS SHEET AND SHOP DRAWINGS FOR MORE INFORMATION.

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE S-40-3124

DRAWN BY MW | PLANS CK'D ETP

LAYOUT

SHEET 2 OF 6

805

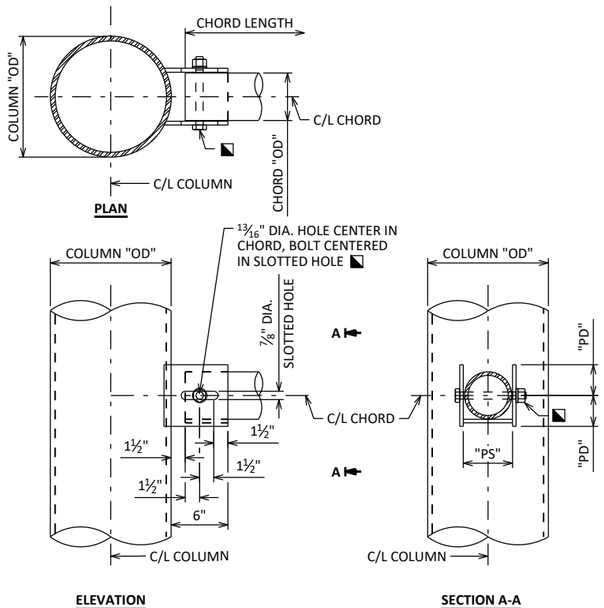
SCALE =

8

8

STATE PROJECT NUMBER

STANDARD



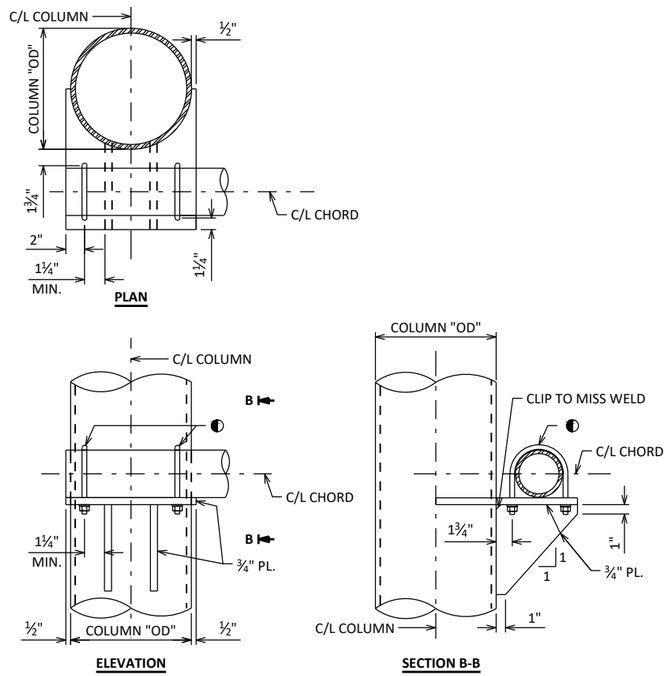
FULL SPAN SADDLE CONNECTION

PREFERRED OPTION

¾" GALVANIZED A325 OR A449 HEAVY HEX BOLT, NUT AND WASHER SNUG TIGHT ONLY, DO NOT OVER TIGHTEN

"PD" = CHORD "OD"/2 + ¾"

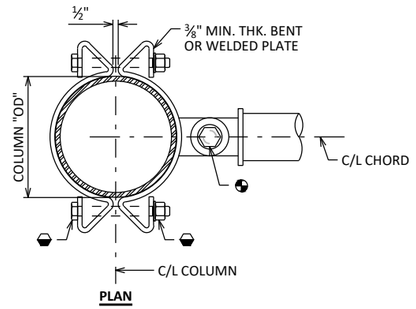
"PS" = CHORD "OD" + 1/16"

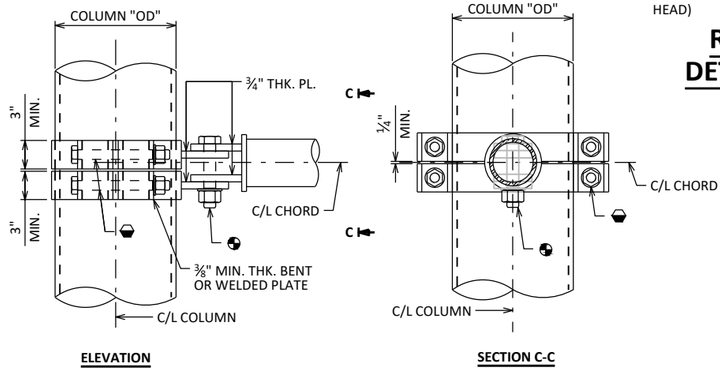


FULL SPAN STIFFENED BEARING CONNECTION

ALTERNATE 1

MIN. (2) ½" MIN. GALVANIZED OR STAINLESS U-BOLT, LOCK NUT AND WASHER



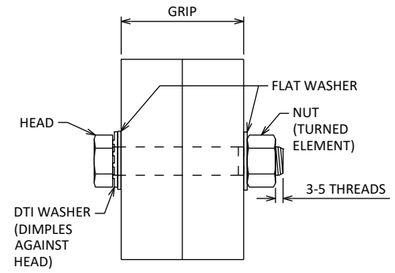


FULL SPAN CLAMP CONNECTION

ALTERNATE 2 - TAPERED COLUMNS ONLY

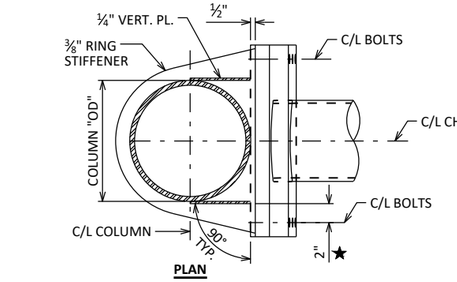
1¼" GALVANIZED A325 HEAVY HEX BOLT, NUT AND WASHER

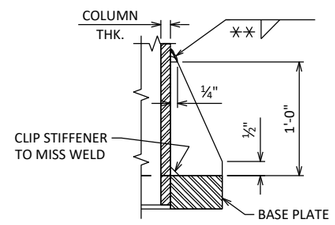
1" GALVANIZED A325 HEAVY HEX BOLT, NUT AND WASHER

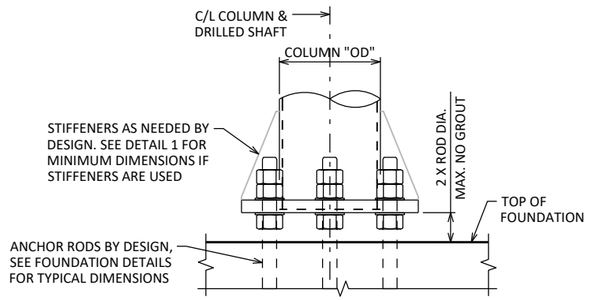


RECOMMENDED BOLT DETAIL WITH DTI WASHER

NUT IS TURNED ELEMENT



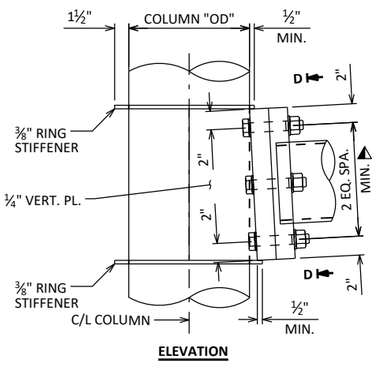


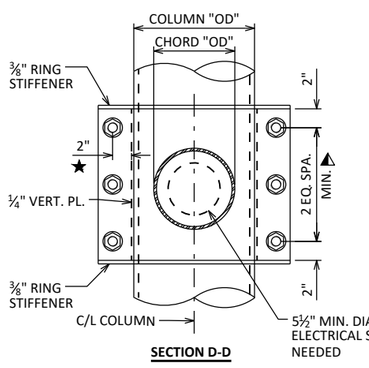


PREFERRED BASE PLATE CONNECTION

LOOKING AT F.F. OF STRUCTURE.

ALTERNATE BASE PLATE DESIGNS ALLOWED.



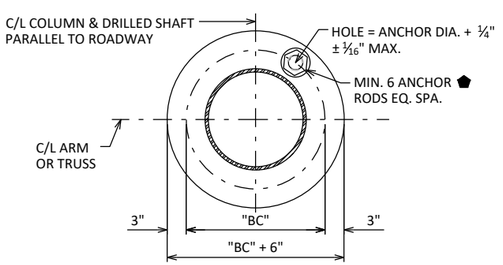


5½" MIN. DIA. HOLE WHEN ELECTRICAL SYSTEMS ARE NEEDED

CANTILEVER POST TO CHORD CONNECTION

▲ MIN. (6) 1" GALVANIZED A325 HEAVY HEX BOLT, NUT, DTI WASHER AND WASHER

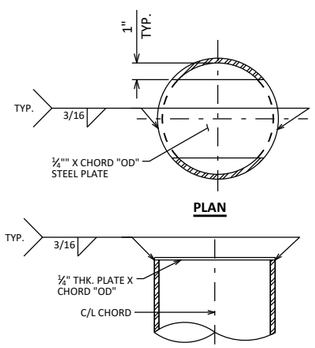
★ MIN. DIMENSIONS MEASURED FROM EXT. FACE OF VERTICAL PLATE.



BASE PLATE

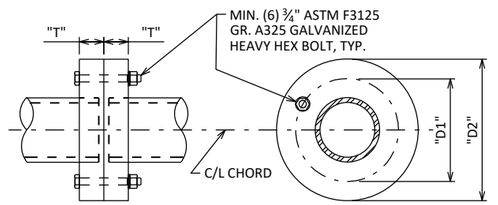
"BC" = COLUMN "OD" + 6"

⬟ ANCHOR SIZE AND ORIENTATION TO BE VERIFIED WITH SHOP DRAWINGS.



CHORD CAP DETAIL

CANTILEVERS ONLY



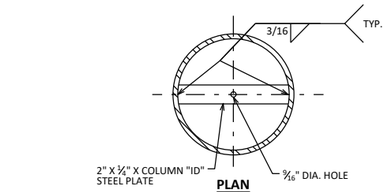
CHORD SPLICE DETAIL

"D1" = COLUMN "OD" + (1.5 x DB)

"D2" = COLUMN "OD" + (3 x DB)

"T" = (BY DESIGN)

DB = BOLT DIAMETER (BY DESIGN)



TOWER CAP DETAIL

✳ PLACE TACK WELD EVERY OTHER FLAT TO SECURE NUT.
ALTERNATE: USE ½" THK. PL. AND DRILL AND TAP HOLE FOR BOLT.

NOTES:

MINIMUM VALUES SHOWN. ALL CONNECTIONS ARE TO BE DESIGNED FOR ACTUAL STRUCTURAL LOADS.

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

UPDATED: JAN. 2023

DRAWN BY: BOS | PLANS CK'D: BOS

MONOTUBE & 2-CHORD TRUSS CONNECTIONS 1

SHEET 1 — 806

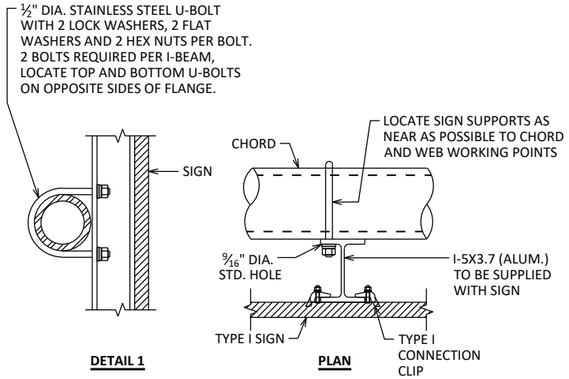
SCALE = 2.0

8

8

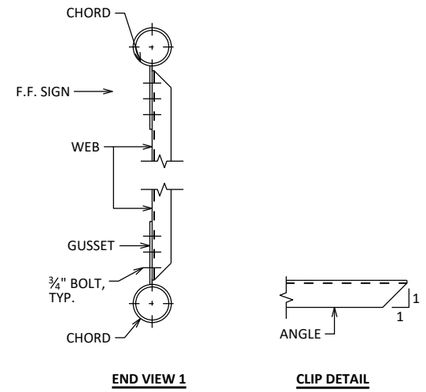
STATE PROJECT NUMBER

STANDARD



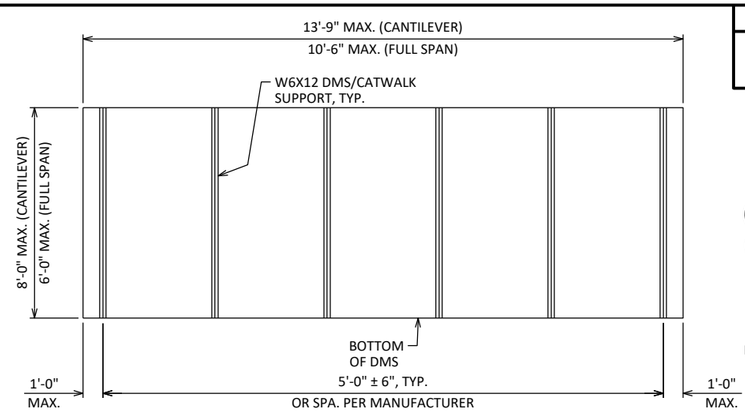
2-CHORD TRUSS SIGN CONNECTION

TYPE I SIGN PANEL SHOWN.
SEE SIGN PLATE MANUAL A4-7A AND A4-7BFOR DETAILS.
ALUMINUM I-5X3.7 I-BEAMS ARE TO BE SUPPLIED WITH SIGN PANEL, HARDWARE TO BE SUPPLIED BY THE CONTRACTOR.



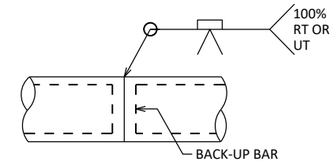
TRUSS CONNECTION DETAILS

MEMBER ORIENTATION FOR BOLTED CONNECTIONS SHOWN, WELDED CONNECTIONS SIMILAR.
ANGLES PREFERRED, OTHER WEB DESIGNS ALLOWED.



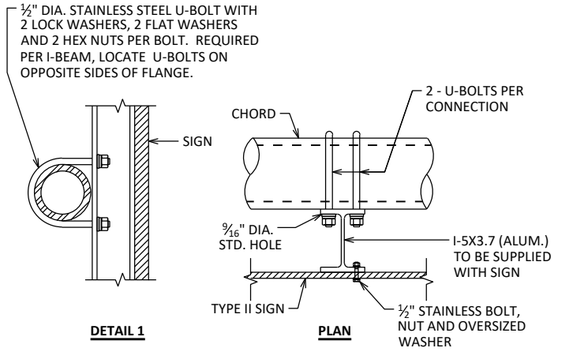
DMS MOUNTING POST DETAIL

POST SPACING MAY BE ADJUSTED AS REQUIRED IF SPACING CONFLICTS WITH GUSSET PLATES OF TRUSS WITHIN TOLERANCES NOTED.



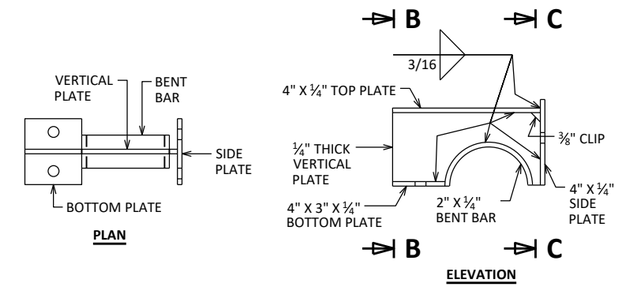
CHORD SPLICE

SEPARATE OPTIONAL SPLICE FROM GUSSET PLATES BY 6" MIN.



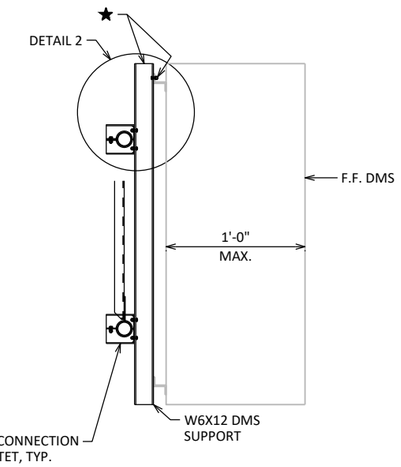
MONOTUBE SIGN CONNECTION

TYPE II SIGN PANEL SHOWN.
SEE SIGN PLATE MANUAL A4-7A AND A4-7B FOR DETAILS.
ALUMINUM I-5X3.7 I-BEAMS ARE TO BE SUPPLIED WITH SIGN PANEL, HARDWARE TO BE SUPPLIED BY THE CONTRACTOR.



DMS WELDED PLATE CONNECTION DETAILS

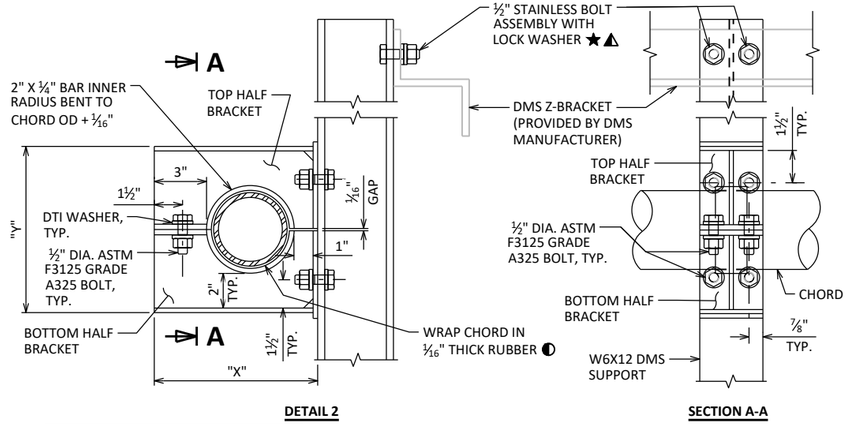
TOP HALF OF BRACKET SHOWN, BOTTOM HALF SIMILAR.



SECTION THRU TRUSS - DMS

FOR DMS/CATWALK CONNECTIONS

★ W6X12 SUPPORTS AND HARDWARE ARE TO BE SUPPLIED BY THE CONTRACTOR. ½" STAINLESS BOLT, NUT, WASHER AND LOCK WASHER REQUIRED, 4 PER W6X12

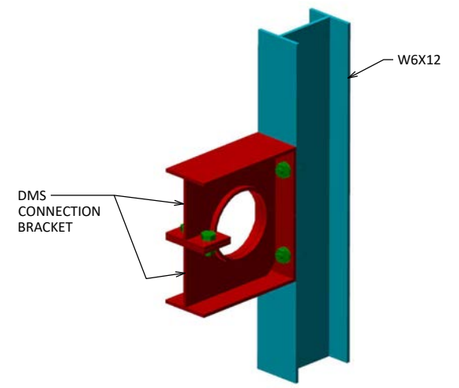


CHORD "OD"	"X"	"Y"
"OD"	"OD" + $4\frac{13}{16}$"	"OD" + $5\frac{5}{16}$"

TYPICAL DMS CONNECTION

◐ NEOPRENE, GRADE 45±5, OTHERWISE MEETING THE REQUIREMENTS OF STD. SPEC. 506.2.6.1

⚠ IF DMS CONNECTION BRACKET IS USED WITH A TYPE II SIGN PANEL, THE BOLT HOLE MUST BE GALVANIZED AND A STAINLESS WASHER USED BETWEEN THE I-BEAM AND SIGN PANEL.



3-D VIEW OF DMS CONNECTION

CHORD NOT SHOW FOR CLARITY

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

UPDATED: OCT. 2023

DRAWN BY BOS | PLANS CK'D BOS

MONOTUBE & 2-CHORD TRUSS CONNECTIONS 2

SHEET II
807

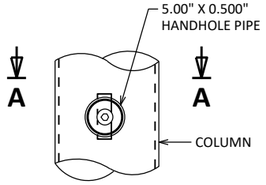
SCALE = 4.0

8

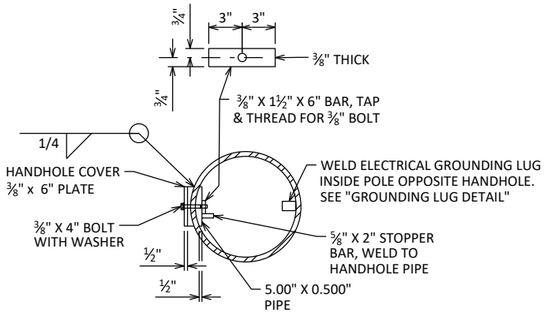
8

STATE PROJECT NUMBER

STANDARD



ELEVATION

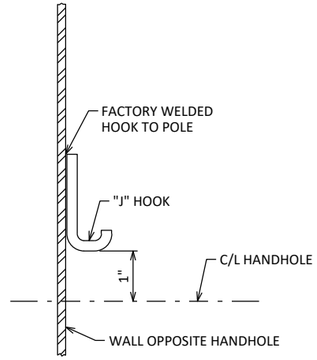


SECTION A-A

HANDHOLE DETAILS

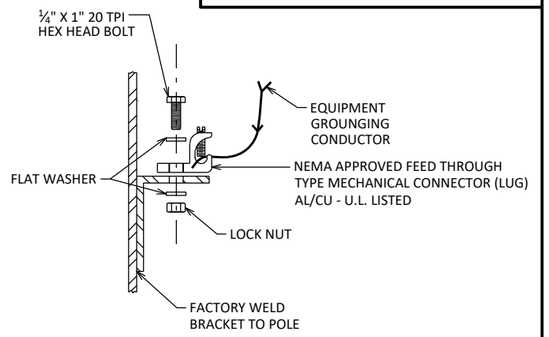
HANDHOLES SHALL BE LOCATED IN ONE COLUMN OF THE SIGN BRIDGE STRUCTURE IF ELECTRICALLY OPERATED DEVICES ARE INSTALLED ON/IN THE STRUCTURE. COLUMNS WITH HANDHOLES SHALL BE NEAR THE ELECTRICAL SERVICE. THE CONTRACTOR SHALL VERIFY THE LOCATION OF THE ELECTRICAL SERVICE ENTRANCE WITH THE REGION TRAFFIC SECTION PRIOR TO FABRICATION OF THE SIGN BRIDGE COLUMNS AND MEMBERS. CONDUIT (AS REQ'D.) SHALL BE LOCATED, PLACED AND SIZED AS SHOWN ON THE ELECTRICAL PLAN DETAIL SHEETS.

UNLESS OTHERWISE NOTED, ALL HANDHOLE ELEMENTS TO BE GALVANIZED PER THE WISDOT STANDARD SPECIFICATIONS.



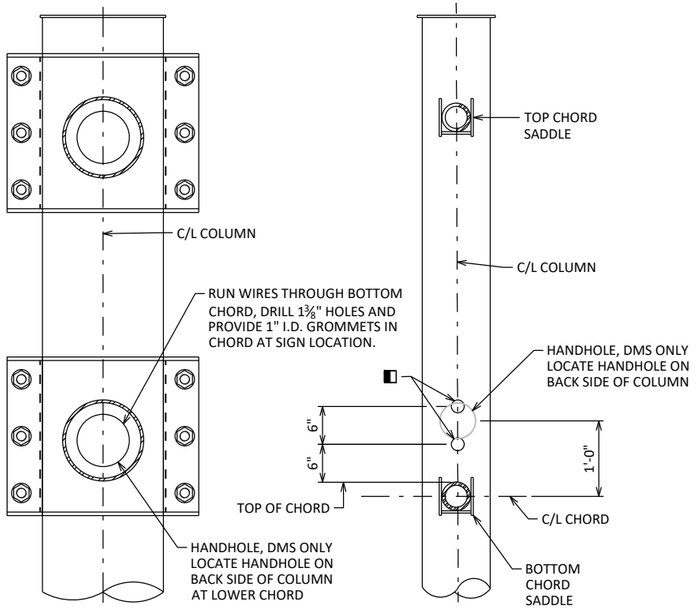
TYPICAL "J" HOOK LOCATION

THE "J" HOOK SHALL BE FACTORY WELDED TO THE INSIDE OF THE COLUMN CONTAINING ELECTRICAL WIRING. THE "J" HOOK SHALL BE ATTACHED ABOVE THE CENTERLINE OF THE UPPER HANDHOLE AND MOUNTED DIRECTLY OPPOSITE THE HANDHOLE AS SHOWN IN THE DRAWING.



GROUNDING LUG DETAIL

NUT, BOLT AND WASHERS SHALL BE STAINLESS STEEL



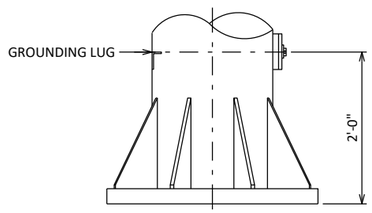
2-CHORD CANTILEVER

2-CHORD FULL SPAN

SADDLE CONNECTION SHOWN, OTHERS SIMILAR

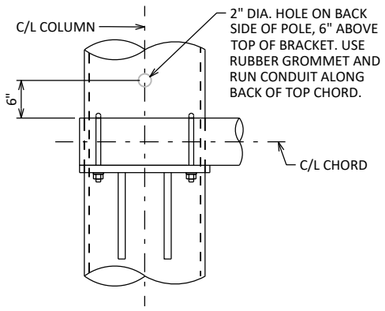
CONDUIT HOLE LOCATIONS

◧ 2" HOLE WITH STANDARD PIPE THREADS, USE THREADED CONDUIT PLUG FOR UNUSED HOLES

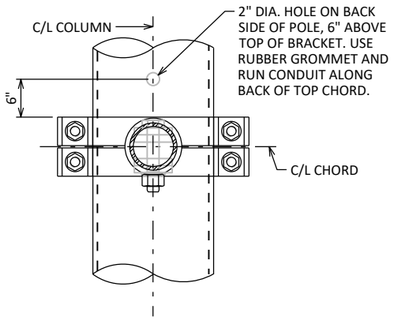


GROUNDING LUG LOCATION

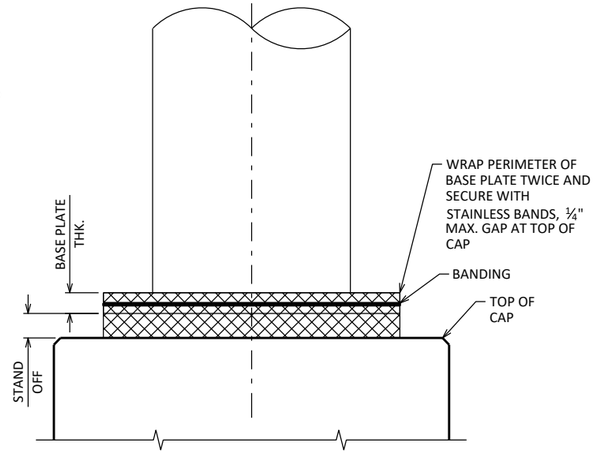
LOOKING AT THE F.F. OF STRUCTURE



FULL SPAN STIFFENED BEARING CONNECTION

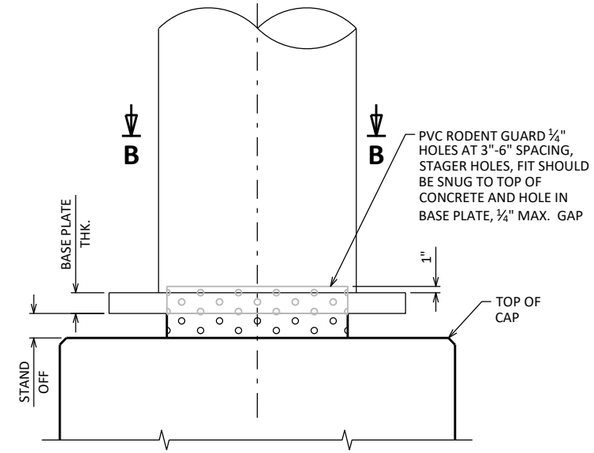


FULL SPAN CLAMP CONNECTION



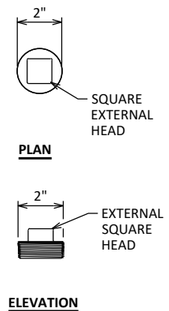
RODENT SCREEN

ONLY REQ'D WHEN ELECTRICAL DEVICES ARE PRESENT
ANCHOR RODS NOT SHOWN

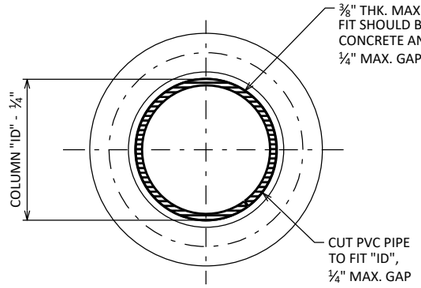


RODENT SCREEN - ALTERNATE

ONLY REQ'D WHEN ELECTRICAL DEVICES ARE PRESENT
ANCHOR RODS NOT SHOWN



CONDUIT PLUG DETAILS



SECTION B-B

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

UPDATED: OCT. 2024

DRAWN BY BOS | PLANS CK'D BOS

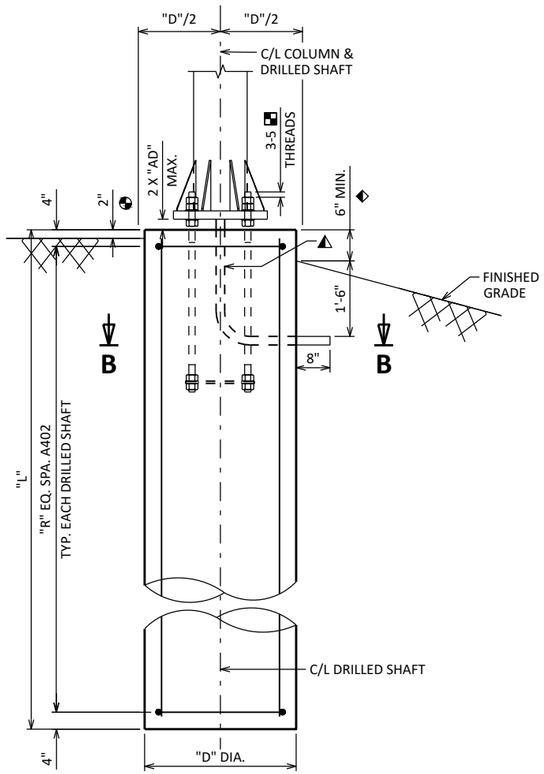
MONOTUBE & 2-CHORD TRUSS ELECTRICAL DETAILS

SHEET III
808

SCALE = 2.0

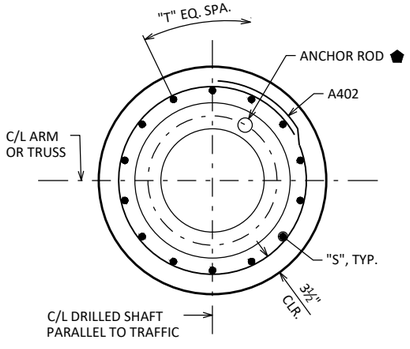
8

8



ELEVATION

- TYPICAL FOR DRILLED SHAFT FOOTINGS INSTALLED ADJACENT TO SIDEWALKS OR BEHIND CURB AND GUTTER ON LOW SPEED ROADS. TOP OF SHAFT SHALL BE FLUSH IF SURROUNDED BY CONCRETE AND 2" ABOVE FINISHED GRADE FOR ALL OTHER SURFACES.
- TYPICAL FOR EACH DRILLED SHAFT FOOTING INSTALLED ADJACENT TO ROADWAY FACILITIES OR ON SIDE SLOPES WITHIN CLEAR ZONE. BARRIER OR BEAMGUARD MAY BE REQUIRED.



SECTION B-B

TYPICAL FOR EACH DRILLED SHAFT FOOTING

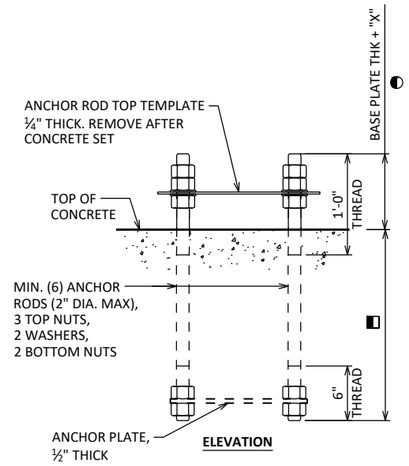
FOUNDATION DIMENSION DATA

STANDARD DESIGN TYPE	FOUNDATION DIMENSIONS						
	"A"	"D"	"L"	"R"	"S"	"T"	"BC" MAX.
MFI	1'-11"	2'-6"	12'-0"	12	A801	10	1'-5"
MCI/MCII/TFI	1'-11"	2'-6"	17'-0"	17	A801	10	1'-5"
MFII	2'-5"	3'-0"	13'-0"	13	A801	14	1'-10"
TCI	2'-5"	3'-0"	18'-0"	18	A801	14	1'-10"
TFII	2'-5"	3'-0"	20'-0"	20	A801	14	1'-10"
MCIII/TCII/TFIII	2'-11"	3'-6"	18'-0"	18	A901	14	2'-4"
MCIV/TFIV	2'-11"	3'-6"	23'-0"	23	A901	14	2'-4"
TCIII	3'-5"	4'-0"	23'-0"	23	A1001	14	2'-10"
TCIV	3'-5"	4'-0"	28'-0"	28	A1001	14	2'-10"

ESTIMATED QUANTITIES - FOUNDATION

STANDARD DESIGN TYPE	CONCRETE MASONRY	STEEL REINFORCEMENT HS	FOUNDATION DRILLING (DIA.) (LF)			
	(CY)	(LBS)	30"	36"	42"	48"
MFI	2.2	380	12	---	---	---
MCI/MCII/TFI	3.1	540	17	---	---	---
MFII	3.4	560	---	13	---	---
TCI	4.7	780	---	18	---	---
TFII	5.2	870	---	20	---	---
MCIII/TCII/TFIII	6.4	980	---	---	18	---
MCIV/TFIV	8.2	1,250	---	---	23	---
TCIII	10.7	1,570	---	---	---	23
TCIV	13.0	1,910	---	---	---	28

✶✶ QUANTITIES ARE FOR INFORMATION ONLY AND ARE BASED ON A SINGLE DRILLED SHAFT. MULTIPLY BY 2 FOR FULL SPAN STRUCTURES.



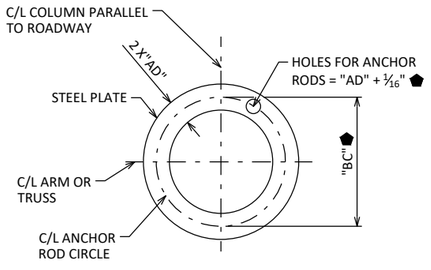
ANCHOR ROD ASSEMBLY DETAILS

◧ ANCHOR RODS PER ASSEMBLY TO BE DESIGNED BY CONTRACTOR AND SHOWN ON SHOP DRAWINGS. SHOW DIAMETER, NUMBER, ORIENTATION AND EMBEDMENT OF ANCHOR RODS.

CENTER ANCHOR ROD ASSEMBLY AND ENSURE ASSEMBLY IS PLUMB. MAINTAIN ANCHOR ROD PROJECTION ABOVE TOP OF CONCRETE AS DETAILED. ANCHOR ROD ASSEMBLY SHALL BE RIGIDLY SECURED IN POSITION DURING AND AFTER CONCRETE PLACEMENT. DO NOT WELD THE ANCHORS.

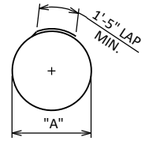
ANCHOR DIAMETER "AD"	MAX. STICK OUT ◐
	"X"
1"	5"
1¼"	6"
1½"	7"
1¾"	8"
2"	9"

◐ ADD BASE PLATE THICKNESS TO VALUE SHOWN FOR MAX. STICK OUT DIMENSION. CONTRACTOR TO COORDINATE WITH FABRICATOR FOR PROPER ANCHOR PLACEMENT.



ANCHOR PLATE & TOP TEMPLATE

⬟ ANCHOR SIZE, BOLT CIRCLE, AND POSITION TO BE VERIFIED WITH SHOP DRAWINGS.



A402

LEGEND

◪ ANCHOR ROD STICK OUT IN FINAL CONDITION. EXCESSIVE STICK OUT BEYOND DIMENSION SHOWN TO BE CUT OFF AFTER PLACING STRUCTURE. ANCHORS TO BE ULTRASONIC TESTED TO DETERMINE EMBEDDED LENGTH MEETS REQUIREMENTS PRIOR TO CUTTING. NOTE REMAINING LENGTH ON AS-BUILT.

◭ 2 - 2" DIA. NON-METALLIC CONDUITS. INSTALL ONLY WITH DMS. EXTEND CONDUITS AS SHOWN AND CAP OR SEAL EACH END WITH A SUITABLE REMOVABLE PLUG. PLACE CONDUITS UNDER COLUMN ADJACENT TO DMS. CONDUITS INCIDENTAL TO THE FOUNDATION BID ITEMS.

NOTE: THE FIRST OR FIRST TWO DIGITS OF THE BAR MARK SIGNIFIES THE BAR SIZE.

BILL OF BARS

STANDARD TYPE MFI

BAR MARK	COAT	NO. REQ'D.	LENGTH	BENT	BAR SERIES	LOCATION
A801		10	11'-8"			DRILLED SHAFT - VERTICAL
A402		13	7'-6"	X		DRILLED SHAFT - HORIZONTAL

STANDARD TYPES MCI/MCII/TFI

BAR MARK	COAT	NO. REQ'D.	LENGTH	BENT	BAR SERIES	LOCATION
A801		10	16'-8"			DRILLED SHAFT - VERTICAL
A402		18	7'-6"	X		DRILLED SHAFT - HORIZONTAL

STANDARD TYPE MFII

BAR MARK	COAT	NO. REQ'D.	LENGTH	BENT	BAR SERIES	LOCATION
A801		14	12'-8"			DRILLED SHAFT - VERTICAL
A402		14	9'-1"	X		DRILLED SHAFT - HORIZONTAL

STANDARD TYPE TCI

BAR MARK	COAT	NO. REQ'D.	LENGTH	BENT	BAR SERIES	LOCATION
A801		14	17'-8"			DRILLED SHAFT - VERTICAL
A402		19	9'-1"	X		DRILLED SHAFT - HORIZONTAL

STANDARD TYPE TFII

BAR MARK	COAT	NO. REQ'D.	LENGTH	BENT	BAR SERIES	LOCATION
A801		14	19'-8"			DRILLED SHAFT - VERTICAL
A402		21	9'-1"	X		DRILLED SHAFT - HORIZONTAL

STANDARD TYPES MCIII/TCII/TFIII

BAR MARK	COAT	NO. REQ'D.	LENGTH	BENT	BAR SERIES	LOCATION
A901		14	17'-8"			DRILLED SHAFT - VERTICAL
A402		19	10'-7"	X		DRILLED SHAFT - HORIZONTAL

STANDARD TYPES MCIV/TFIV

BAR MARK	COAT	NO. REQ'D.	LENGTH	BENT	BAR SERIES	LOCATION
A901		14	22'-8"			DRILLED SHAFT - VERTICAL
A402		24	10'-7"	X		DRILLED SHAFT - HORIZONTAL

STANDARD TYPE TCIII

BAR MARK	COAT	NO. REQ'D.	LENGTH	BENT	BAR SERIES	LOCATION
A1001		14	22'-8"			DRILLED SHAFT - VERTICAL
A402		24	12'-2"	X		DRILLED SHAFT - HORIZONTAL

STANDARD TYPE TCIV

BAR MARK	COAT	NO. REQ'D.	LENGTH	BENT	BAR SERIES	LOCATION
A1001		14	27'-8"			DRILLED SHAFT - VERTICAL
A402		29	12'-2"	X		DRILLED SHAFT - HORIZONTAL

✶✶ VALUES IN BAR TABLES ARE FOR A SINGLE FOUNDATION ONLY. MULTIPLY BY 2 FOR FULL ✶✶ SPAN STRUCTURES.

STATE PROJECT NUMBER

STANDARD

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

UPDATED: OCT. 2024

DRAWN BY BOS | PLANS CK'D BOS

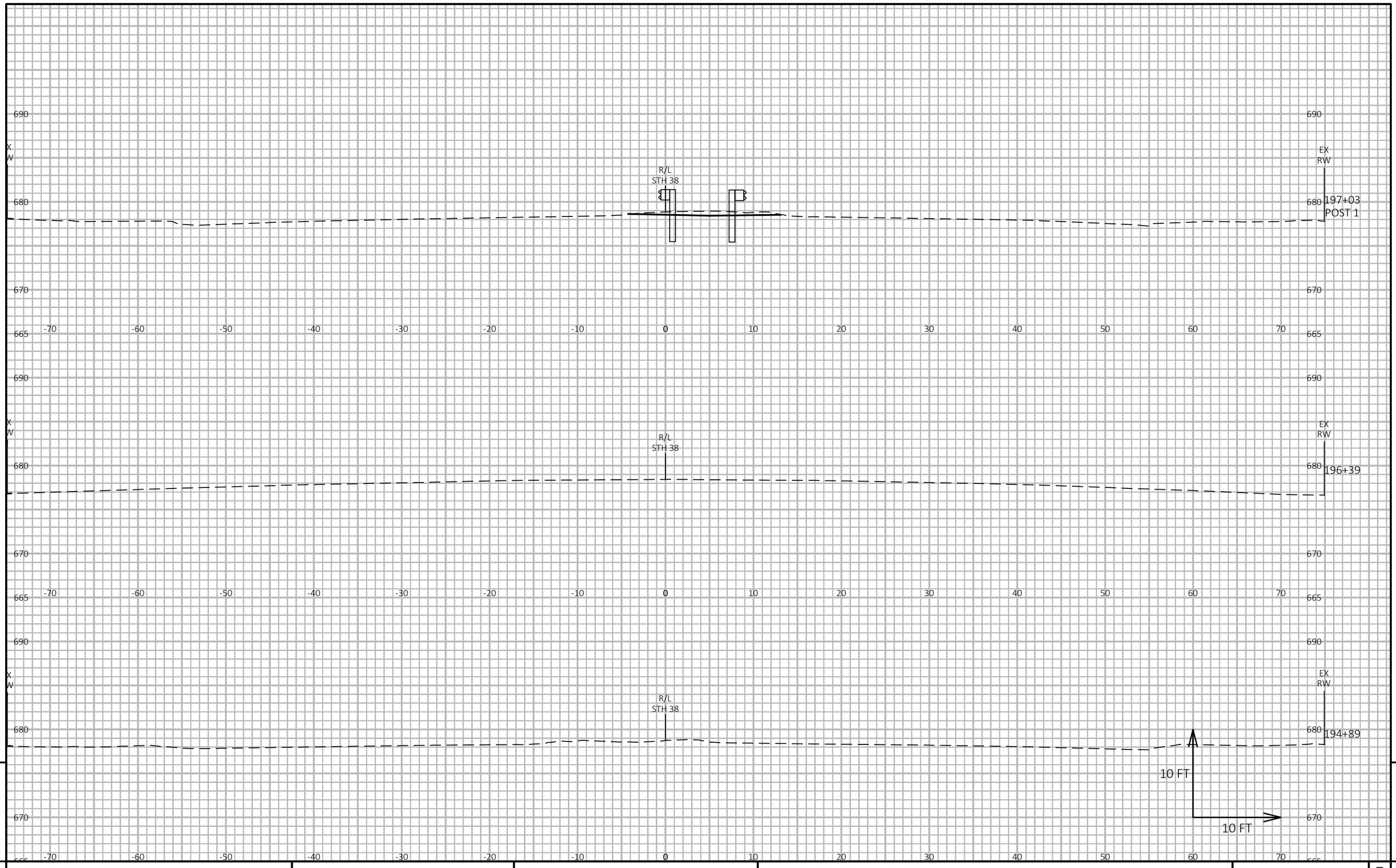
MONOTUBE & 2-CHORD TRUSS FOUNDATIONS

SHEET IV
809

SCALE = 3.0

8

8



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PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CROSS SECTIONS: STH 38	SHEET 810	E

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LAYOUT NAME - 01

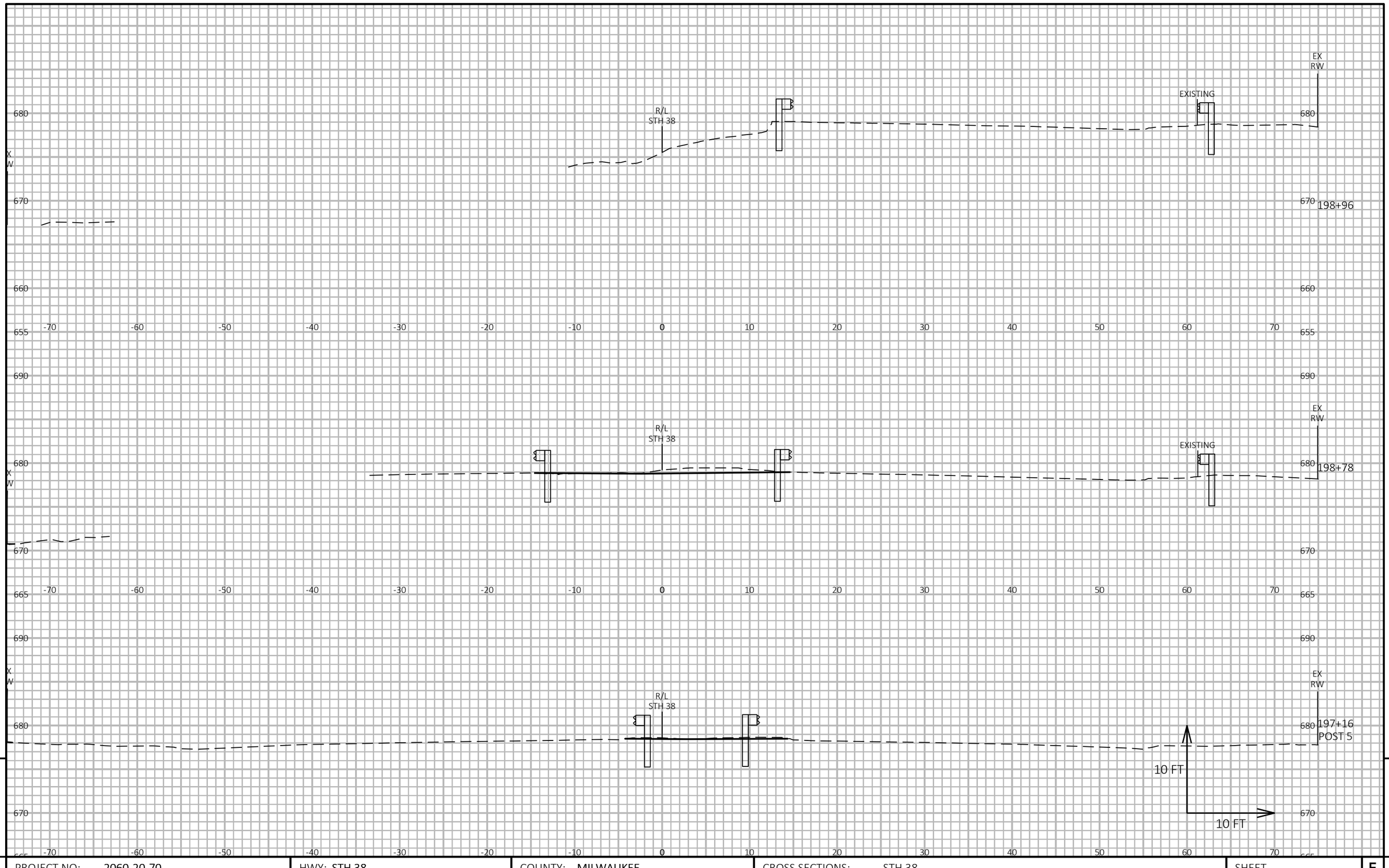
PLOT DATE : 1/30/2026 2:32 PM

PLOT BY : JESSICA LEWIS, PE

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CROSS SECTIONS: STH 38	SHEET 811	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\090201-XS.DWG
LAYOUT NAME - 02

PLOT DATE : 1/30/2026 2:32 PM PLOT BY : JESSICA LEWIS, PE PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

X
W

690

680

670

665

-70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70

R/L
STH 38

125.5:1

163.6:1

690 EX
RW

680 201+73
POST 5

670

665

690

X
W

EXISTING

680

14.2:1

16.1:1

R/L
STH 38

680 EX
RW

200+24

670

665

690

X
W

EXISTING

680

R/L
STH 38

680 200+06

10 FT

10 FT

EX
RW

670

665

-70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70

9

9

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CROSS SECTIONS: STH 38	SHEET 812	E

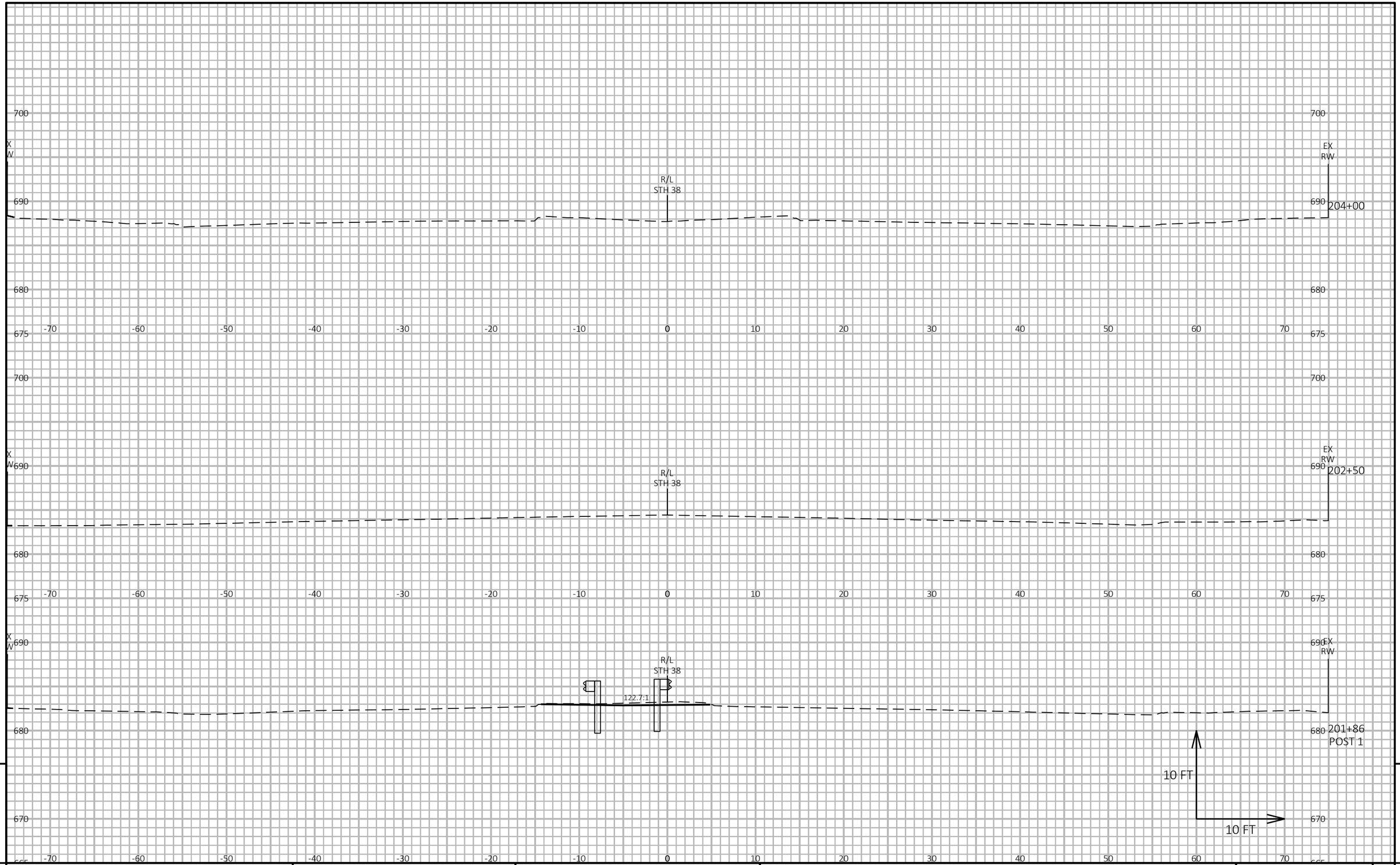
FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\090201-XS.DWG
LAYOUT NAME - 03

PLOT DATE : 1/30/2026 2:32 PM

PLOT BY : JESSICA LEWIS, PE

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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9

PROJECT NO: 2060-20-70	HWY: STH 38	COUNTY: MILWAUKEE	CROSS SECTIONS: STH 38	SHEET 813	E

FILE NAME : C:\OD\ONEDRIVE - CORRE, INC\2060-20-00_STH 38_MILWAUKEE CO\500_CADD\501_C3D_2022\20602000\SHEETS\090201-XS.DWG
LAYOUT NAME - 04

PLOT DATE : 1/30/2026 2:32 PM

PLOT BY : JESSICA LEWIS, PE

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

Wisconsin Department of Transportation

Dedicated people creating transportation solutions
through innovation and exceptional service.

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