WKE

PROJECT ID: 2703-07-72

WITH: N/A

COUNTY: RACINE

DECEMBER 2026

ORDER OF SHEETS

Section No.	1	Title
Section No.	2	Typical Sections and Details (Includes Erosion Control Plans)
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 = 308



22

N

DESIGN DESIGNATION

A.A.D.T.	2027	=	9,400
A.A.D.T.	2047	=	10,200
D.H.V.		=	NA
D.D.		=	50/50
T.		=	4.8%
DESIGN SPEED		=	35 MPH
ESALS		=	1,300,000

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

C RACINE, LATHROP AVE

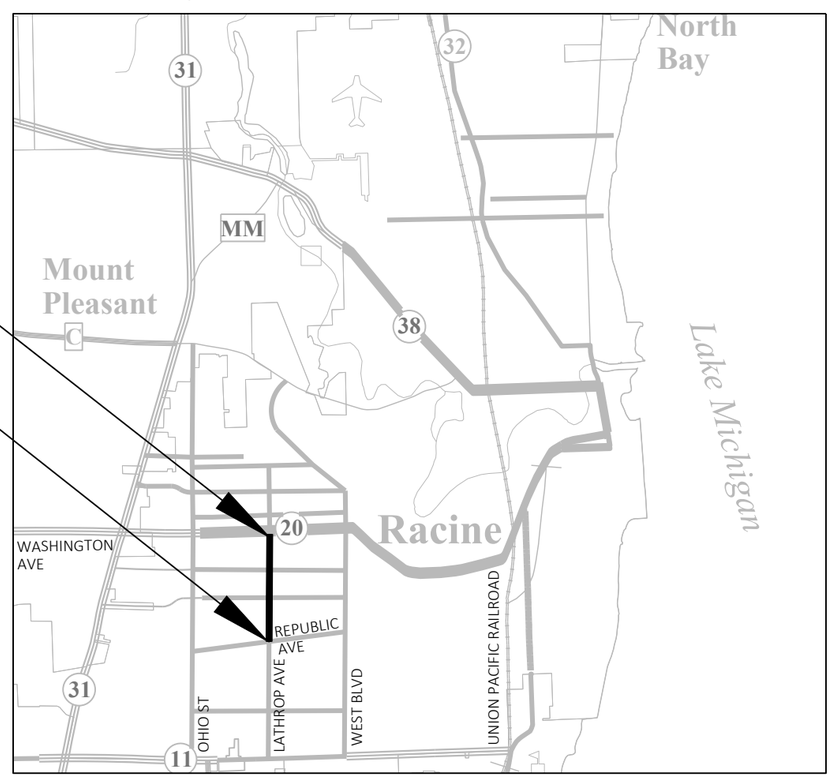
REPUBLIC AVE TO WASHINGTON AVE

LOCAL STREET
RACINE COUNTY

STATE PROJECT NUMBER
2703-07-72

END PROJECT
STA 120+80.00

BEGIN PROJECT
STA 84+85.00
X = 628,395.85
Y = 179,244.95



LAYOUT

SCALE 0 0.5 MI

TOTAL NET LENGTH OF CENTERLINE = 0.681 MI.

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COORDINATE REFERENCE SYSTEM (WISCRS), RACINE 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 18

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
2703-07-72	WISC 2027077	1

ACCEPTED FOR

CITY of RACINE

6/10/26 (Date)

(Signature & Title of Official)

ORIGINAL PLANS PREPARED BY:

STRAND ASSOCIATES®
126 NORTH JEFFERSON STREET, Suite 350
MILWAUKEE, WISCONSIN 53202
(414) 271-0771

WISCONSIN
BHUPENDRA B. BISTA
E - 34675
NEW BERLIN
WI
PROFESSIONAL ENGINEER

Bhupendra Bista 08/01/2026

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	STRAND ASSOCIATES, INC.
Designer	STRAND ASSOCIATES, INC.
Project Manager	MICHAEL BAIRD, P.E.
Regional Examiner	WISDOT SE REGION LOCAL PROGRAM
Regional Supervisor	AMY TAETSCH, P.E.

APPROVED FOR THE DEPARTMENT

DATE: 7/20/2026 Michael J. Baird (Signature)

E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\010101-TI.DWG

PLOT DATE : 6/10/2026 9:40 AM PLOT BY : WRIGHT, BRANDON PLOT NAME :

GENERAL NOTES

WHEN THE QUANTITY OF BASE AGGREGATE DENSE IS MEASURED FOR PAYMENT IN TONS, THE DEPTH OR THICKNESS AS SHOWN ON THE PLAN IS APPROXIMATE AND THE ACTUAL THICKNESS WILL DEPEND UPON THE DISTRIBUTION OF THE MATERIAL AS DIRECTED BY THE ENGINEER IN THE FIELD.

THERE MAY BE OTHER UTILITY FACILITIES WITHIN THE PROJECT AREA WHICH ARE NOT SHOWN ON THE PLANS. COORDINATE CONSTRUCTION ACTIVITIES WITH A CALL TO DIGGERS HOTLINE AND/OR A DIRECT CALL TO THE UTILITIES THAT HAVE FACILITIES IN THAT AREA.

ALL EXISTING SIGNS SHALL REMAIN IN PLACE UNTIL CONSTRUCTION OPERATIONS REQUIRE THEIR REMOVAL OR UNLESS THE ENGINEER APPROVES THEIR REMOVAL.

NO TREES OR SHRUBS ARE TO BE REMOVED WITHOUT APPROVAL OF THE ENGINEER.

THE LOCATION OF PROPOSED SIGNS AS SHOWN ON THE PLANS ARE APPROXIMATE. THE EXACT NUMBER OF SIGNS AND SIGN LOCATIONS ARE TO BE APPROVED BY THE ENGINEER IN THE FIELD.

RADIUS DIMENSIONS FOR THE CURB AND GUTTER ARE TO THE FLANGE LINE UNLESS OTHERWISE NOTED.

ELEVATIONS SHOWN ON THE PLANS ARE ALONG THE EDGE OF LANE AND EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.

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

UTILITY CONTACTS

AT&T WISCONSIN - COMMUNICATION LINE
MIKE VANBOVEN
411 7TH STREET
RACINE, WI 53403
(262) 676-3958
MV3658@ATT.COM

CITY OF RACINE - SANITARY SEWER
RICHARD FRAZIER
730 WASHINGTON AVE, RM 304
RACINE, WI 53403
(262) 636-9483
RICHARD.FRAZIER@CITYOFRACINE.ORG

CROWN CASTLE FIBER - COMMUNICATION LINE
ANTHONY MISTRETTA
3025 HIGHLAND PARKWAY
DOWNERS GROVE, IL 60515
(630) 824-8692
ANTHONY.MISTRETTA@CROWNCASTLE.COM

MIDWEST FIBER NETWORK - COMMUNICATION LINE
CORY SCHMUKI
6070 NORTH FLINT ROAD
GLENDALE, WI 53209
OFFICE: (414) 459-3561
MOBILE: (414) 349-2764
CSCHMUKI@MIDWESTFIBERNETWORKS.COM

RACINE WASTEWATER UTILITY - SANITARY SEWER
MIKE GITTER
800 CENTER STREET
RACINE, WI 53403
(262) 636-9430
MIKE.GITTER@CITYOFRACINE.ORG

RACINE WATER WORKS COMMISSION - WATER
MIKE GITTER
800 CENTER STREET
RACINE, WI 53403
(262) 636-9430
MIKE.GITTER@CITYOFRACINE.ORG

SPECTRUM - COMMUNICATION LINE
KEVIN WEHRHAHN
5475 W ABBOTT AVE
GREENFIELD, WI 53220
(414) 908-4865
KEVIN.WEHRHAHN@CHARTER.COM

TDS METROCOM - COMMUNICATION LINE
MATTHEW SCHULTE
16924 WEST VICTOR ROAD
NEW BERLIN, WI 53151
(262) 754-3063
MATT.SCHULTE@TDSTELECOM.COM

WE ENERGIES - ELECTRICITY
GREG BOERNER
500 SOUTH 116TH STREET
WEST ALLIS, WI 53214
(618) 409-5861
WE-UTILITY-RELOCATIONS@WE-ENERGIES.COM
GREGORY.BOERNER@WE-ENERGIES.COM

WE ENERGIES - GAS
CHRIS DEGRAVE
500 SOUTH 116TH STREET
WEST ALLIS, WI 53214
OFFICE: (262) 886-7018
MOBILE: (262) 939-9814
WE-UTILITY-RELOCATIONS@WE-ENERGIES.COM
CHRIS.DEGRAVE@WE-ENERGIES.COM

OTHER NON-UTILITY FACILITY CONTACTS

CITY OF RACINE - STREET LIGHTING
ARA MOLITOR
730 WASHINGTON AVE, RM 304
RACINE, WI 53403
(262) 636-9487
ARA.MOLITOR@CITYOFRACINE.ORG

WISDOT LIGHTING - STREET LIGHTING
ERIC PEREA
141 NORTHWEST BARSTOW STREET
WAUKESHA, WI 53188
(262) 574-4522
ERIC.PEREA@DOT.WI.GOV

CITY OF RACINE - FIBER OPTIC - COMMUNICATION LINE
ARA MOLITOR
730 WASHINGTON AVE, RM 304
RACINE, WI 53403
(262) 636-9487
ARA.MOLITOR@CITYOFRACINE.ORG

SECTION 2 ORDER OF SHEETS

GENERAL NOTES
PROJECT OVERVIEW
TYPICAL SECTIONS
CONSTRUCTION DETAILS
PLAN DETAILS
CURB RAMP DETAILS
PAVING GRADES AND JOINTING DETAILS
EROSION CONTROL
STORM SEWER
PERMANENT SIGNING
TRAFFIC SIGNAL
PAVEMENT MARKING
TRAFFIC CONTROL
DETOUR
ALIGNMENT DETAIL
SURVEY CONTROL

OTHER CONTACTS

SEWRPC CONTACT

ANDY TRAEGER
SOUTHEASTERN WISCONSIN REGIONAL
PLANNING COMMISSION
W239 N1812 ROCKWOOD DRIVE
P.O. BOX 1607
WAUKESHA, WI 53187-1607
(262) 953-4296
ATRAEGER@SEWRPC.ORG

DNR LIAISON

JESSE BENNETT
DNR SOUTEAST REGION HEADQUARTERS
1027 WEST PAUL AVE
MILWAUKEE, WI 53233
(608) 445-2697
JESSIAH.BENNETT@WISCONSIN.GOV

CITY OF RACINE CONTACT

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RACINE, WI 53403
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ARA.MOLITOR@CITYOFRACINE.ORG

RYDE TRANSIT CONTACT

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730 WASHINGTON AVE., ROOM 304
RACINE, WI 53403
(262) 636-9123
TREVOR.JUNG@CITYOFRACINE.ORG

WILLIE MCDONALD
GENERAL MANAGER
THE RYDE
1900 KENTUCKY STREET
RACINE, WI 53405
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WILLIE.MCDONALD@CITYOFRACINE.ORG

WISDOT REGION CONTACT

MICHAEL BAIRD P.E.
WISDOT SOUTHEAST REGION
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141 NW BARSTOW STREET
PO BOX 798
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(262) 623-5918
MICHAEL.BAIRD@DOT.WI.GOV

DESIGN CONSULTANT

BHUPENDRA BISTA, P.E.
STRAND ASSOCIATES, INC.
126 N. JEFFERSON STREET, SUITE 350
MILWAUKEE, WI 53202
(414) 271-0771
BHUPENDRA.BISTA@STRAND.COM

2

CITY OF RACINE

RUSSET STREET

20TH STREET

19TH STREET

REPUBLIC AVENUE

17TH STREET

VICTORY AVENUE

16TH STREET

"A" LINE

"B" LINE

"C" LINE

"D" LINE

BEGIN CONSTRUCTION
STA. 10+95.00 B

BEGIN CONSTRUCTION
STA. 11+00.00 A

BEGIN CONSTRUCTION
STA. 11+00.00 C

BEGIN CONSTRUCTION
STA. 11+80.00 D

FIRST CHURCH OF GOD

LATHROP AVENUE

80+00 85+00 90+00 95+00 100+00

11+00 A 12+00 A

11+00 B 12+00 B

11+00 C 12+00 C

10+00 D 11+00 D 12+00 D 13+00 D 14+00 D 15+00 D

BEGIN PROJECT
STA. 84+85.00
X = 628,395.85
Y = 179,244.95

END CONSTRUCTION
STA. 12+00.00 A

END CONSTRUCTION
STA. 12+00.00 C

END CONSTRUCTION
STA. 13+30.00 D

SOLBRAA PARK

COUNTY BIKE TRAIL

MONROE AVENUE

MATCHLINE STA. 102+65

N

CITY OF RACINE

WRIGHT AVENUE

15TH STREET

13TH STREET

WASHINGTON AVENUE

LINDERMANN AVENUE

RUSSET STREET

"E" LINE

"F" LINE

"G" LINE

BEGIN CONSTRUCTION
STA. 11+05.00 E

BEGIN CONSTRUCTION
STA. 11+50.00 F

BEGIN CONSTRUCTION
STA. 10+75.00 G

END PROJECT
STA. 120+80.00

SECOND MISSIONARY BAPTIST CHURCH

LATHROP AVENUE

105+00 110+00 115+00 120+00 125+00

10+00 E 11+00 E 12+00 E 13+00 E

10+00 F 11+00 F 12+00 F 13+00 F 14+00 F 15+00 F

12+00 G 13+00 G

END CONSTRUCTION
STA. 12+00.00 E

END CONSTRUCTION
STA. 13+60.00 F

END CONSTRUCTION
STA. 12+00.00 G

RACINE FIRE DEPARTMENT STATION 4

20

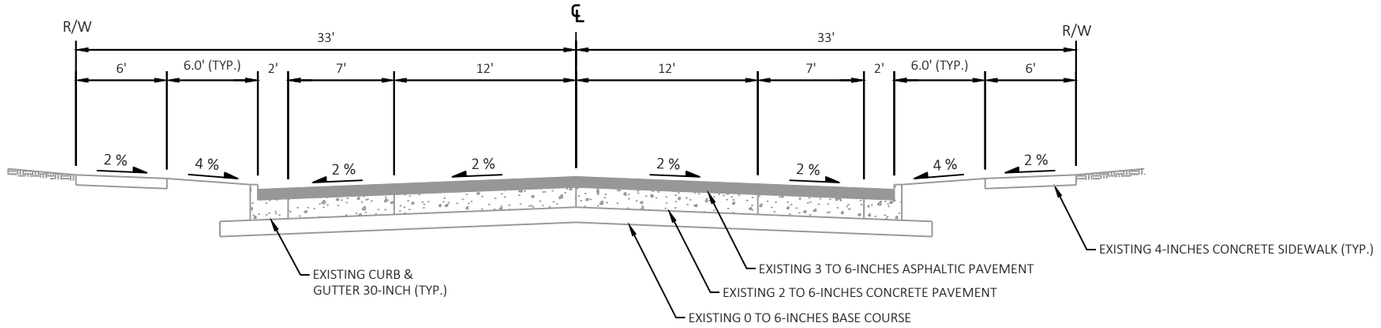
MONROE AVENUE

MATCHLINE STA. 102+65

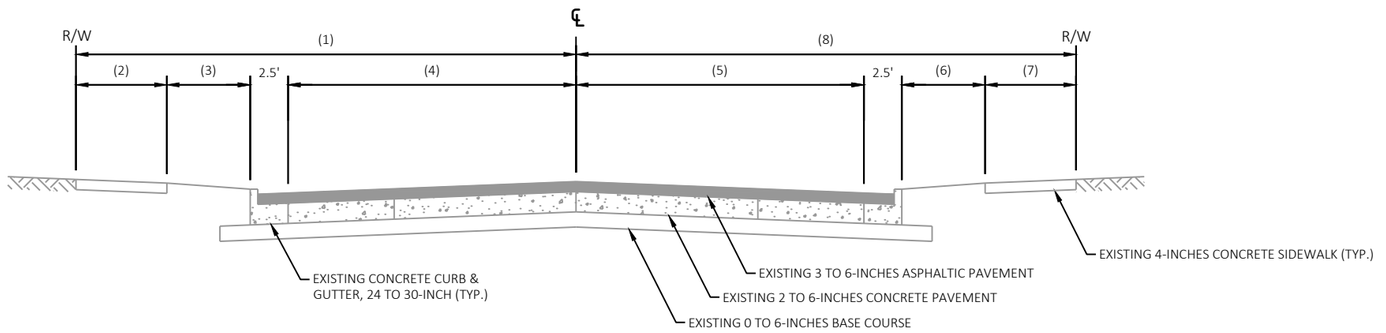
N

PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	PROJECT OVERVIEW	SHEET 3	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\020201-PO.DWG
LAYOUT NAME - 020201-po
PLOT DATE : 7/28/2026 10:09 AM
PLOT BY : WRIGHT, BRANDON
PLOT NAME :
PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 42



EXISTING TYPICAL SECTION
LATHROP AVENUE
STA. 84+85.00 - STA. 120+80.00

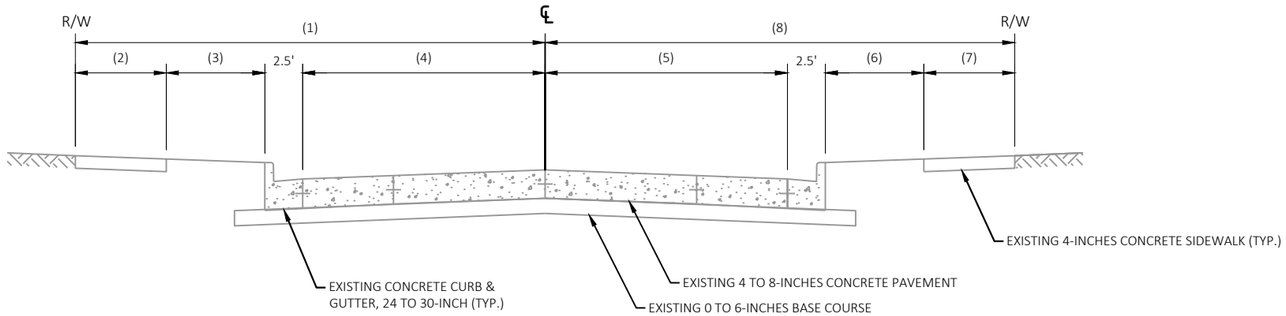


EXISTING TYPICAL SECTION
SIDEROADS

16TH ST. STA. 11+80 D - STA. 13+30 D
WRIGHT AVE. STA. 12+84 F - STA. 13+60 F

	LEFT				RIGHT			
SIDE ROAD	R/W WIDTH (FT) (1)	SIDEWALK WIDTH (FT) (2)	TERRACE WIDTH (FT) (3)	PAVEMENT WIDTH (FT) (4)	PAVEMENT WIDTH (FT) (5)	TERRACE WIDTH (FT) (6)	SIDEWALK WIDTH (FT) (7)	R/W WIDTH (FT) (8)
16TH ST	30	6	3.5	18	18	3.5	6	30
WRIGHT AVE - E LEG	40	6	8.5	23	23	8.5	6	40

2

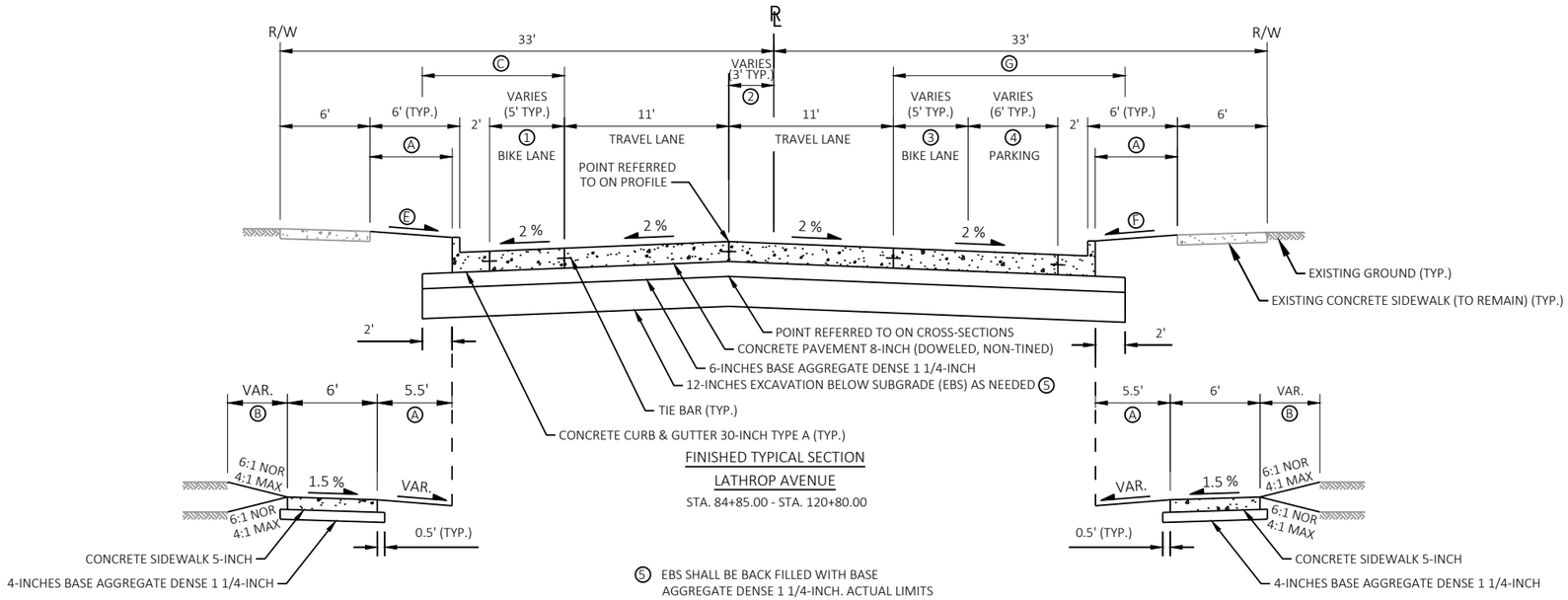


EXISTING TYPICAL SECTION

SIDEROADS

REPUBLIC AVE.	STA. 11+00 A - STA. 12+00 A
17TH ST.	STA. 10+95 B - STA. 11+14 B
VICTORY AVE.	STA. 11+00 C - STA. 12+00 C
15TH ST.	STA. 11+05 E - STA. 12+00 E
WRIGHT AVE.	STA. 11+50 F - STA. 12+16 F
13TH ST.	STA. 10+75 G - STA. 12+00 G

	LEFT				RIGHT			
SIDE ROAD	R/W WIDTH (FT) (1)	SIDEWALK WIDTH (FT) (2)	TERRACE WIDTH (FT) (3)	PAVEMENT WIDTH (FT) (4)	PAVEMENT WIDTH (FT) (5)	TERRACE WIDTH (FT) (6)	SIDEWALK WIDTH (FT) (7)	R/W WIDTH (FT) (8)
REPUBLIC AVE	30	6	5.5	16	16	5.5	6	30
17TH ST	30	6	5.5	16	16	5.5	6	30
VICTORY AVE - W LEG	27	5.5	4	15	15	4.5	5	27
VICTORY AVE - E LEG	29	5	5.5	16	16	6.5	6	31
15TH ST	30	6	5.5	16	16	5.5	6	30
WRIGHT AVE - W LEG	40	6	8.5	23	23	8.5	6	40
13TH ST	30	6	5.5	16	16	5.5	6	30



(WITHIN THE LIMITS OF SIDEWALK REPLACEMENT, SEE PLAN DETAILS FOR SPOT SIDEWALK REPLACEMENT LOCATIONS)

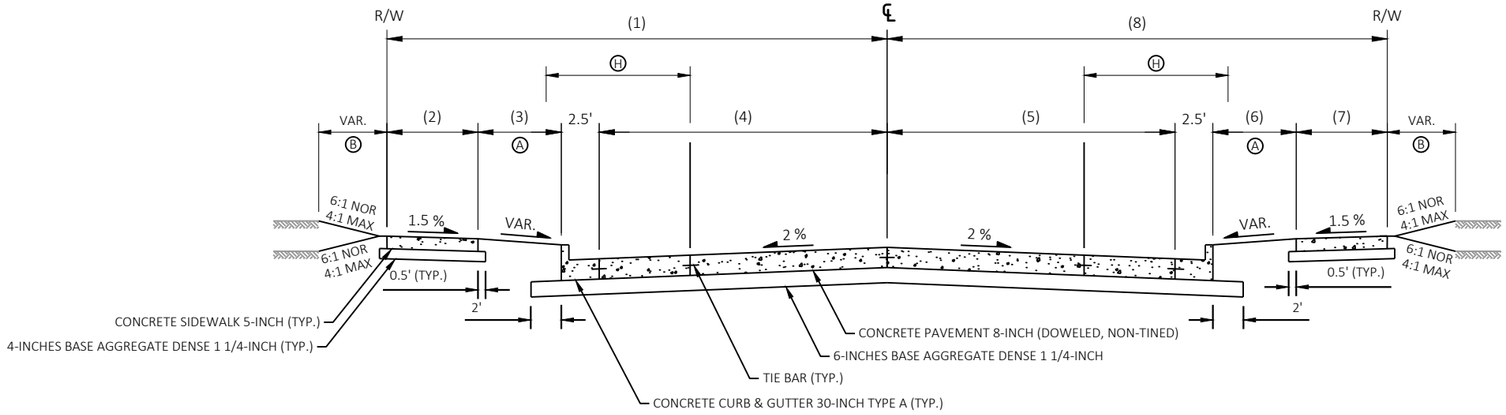
FINISHED TYPICAL SECTION

LATHROP AVENUE

STA. 84+85.00 - STA. 120+80.00

(S) EBS SHALL BE BACK FILLED WITH BASE AGGREGATE DENSE 1 1/4-INCH. ACTUAL LIMITS OF EBS TO BE DETERMINED IN THE FIELD. EBS WITHIN 50 PERCENT OF THE TOTAL PROJECT LENGTH IS INCLUDED IN THE PLAN QUANTITY.

(WITHIN THE LIMITS OF SIDEWALK REPLACEMENT, SEE PLAN DETAILS FOR SPOT SIDEWALK REPLACEMENT LOCATIONS)



FINISHED TYPICAL SECTION

SIDEROADS

REPUBLIC AVE.	STA. 11+00 A - STA. 12+00 A
17TH ST.	STA. 10+95 B - STA. 11+14 B
VICTORY AVE.	STA. 11+00 C - STA. 12+00 C
16TH ST.	STA. 11+80 D - STA. 13+30 D
15TH ST.	STA. 11+05 E - STA. 12+00 E
WRIGHT AVE.	STA. 11+50 F - STA. 13+60 F
13TH ST.	STA. 10+75 G - STA. 12+00 G

(1) 84+85.00 TO 85+16.62: 8'
85+16.62 TO 85+90.00: VARIES 8' TO 5'
85+90.00 TO 96+77.00: 5'
96+77.00 TO 96+96.00: VARIES 5' TO 3'
96+96.00 TO 101+07.00: 3'
101+07.00 TO 101+30.00: VARIES 3' TO 5'
101+30.00 TO 117+60.00: 5'
117+60.00 TO 120+80.00: 3'

(2) 84+85.00 TO 85+16.62: 0'
85+16.62 TO 85+90.00: VARIES 0' TO 3'
85+90.00 TO 118+50.00: 3'
118+50.00 TO 119+00.00: VARIES 3' TO 0'
119+00.00 TO 120+80.00: 0'

(3) 84+85.00 TO 85+16.62: 8'
85+16.62 TO 85+90.00: VARIES 8' TO 5'
85+90.00 TO 95+75.00: 5'
95+75.00 TO 101+75.00: 3'
101+75.00 TO 117+60.00: 5'
117+60.00 TO 120+80.00: 3'

(4) 84+85.00 TO 85+16.62: 0'
85+16.62 TO 85+90.00: VARIES 0' To 6'
85+90.00 TO 118+50.00: 6'
118+50.00 TO 119+00.00: VARIES 6' TO 0'
119+00.00 TO 120+80.00: 0'

EBS SHALL BE BACK FILLED WITH BASE AGGREGATE DENSE 1 1/4-INCH. ACTUAL LIMITS TO BE DETERMINED IN THE FIELD. 50 PERCENT OF THE TOTAL PROJECT LENGTH IS INCLUDED IN THE CONTRACT.

(A) TOPSOIL, SOD LAWN, AND FERTILIZER TYPE B.

(B) TOPSOIL, SEEDING MIXTURE NO. 30, FERTILIZER TYPE B, AND EROSION MAT URBAN CLASS 1 TYPE A

(C) 9' LATERAL CLEARANCE

(E) VARIES 1% TO 10%

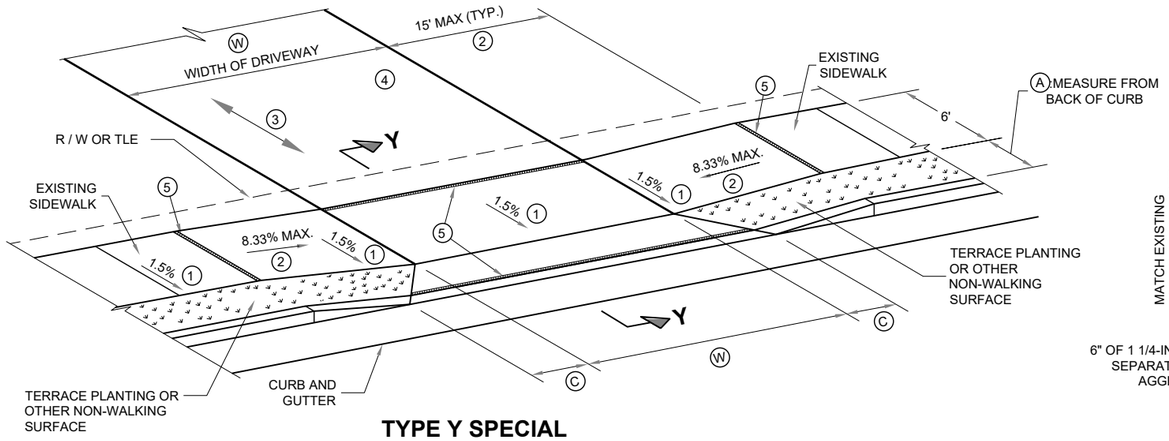
(F) VARIES 1% TO 10%

(G) 15' LATERAL CLEARANCE

(H) 6' TO 14' LATERAL CLEARANCE, TO 2' BEHIND FACE OF CURB

	LEFT				RIGHT			
SIDE ROAD	R/W WIDTH (FT) (1)	SIDEWALK WIDTH (FT) (2)	TERRACE WIDTH (FT) (3)	PAVEMENT WIDTH (FT) (4)	PAVEMENT WIDTH (FT) (5)	TERRACE WIDTH (FT) (6)	SIDEWALK WIDTH (FT) (7)	R/W WIDTH (FT) (8)
REPUBLIC AVE	30	6	5.5	16	16	5.5	6	30
17TH ST	30	6	5.5	16	16	5.5	6	30
VICTORY AVE - W LEG	27	5.5	4	15	15	4.5	5	27
VICTORY AVE - E LEG	29	5	5.5	16	16	6.5	6	31
15TH ST	30	6	5.5	16	16	5.5	6	30
WRIGHT AVE - W LEG	40	6	8.5	23	23	8.5	6	40
13TH ST	30	6	5.5	16	16	5.5	6	30
16TH ST	30	6	3.5	18	18	3.5	6	30
WRIGHT AVE - E LEG	40	6	8.5	23	23	8.5	6	40

NOT TO SCALE

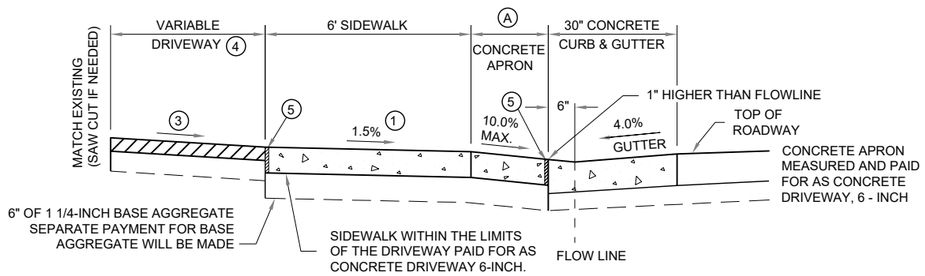


TYPE Y SPECIAL
SIDEWALK WITH NARROWER TERRACE (LATHROP AVENUE)
TERRACE VARIES 4 TO 6 FEET

W: 12' MIN. - 24' MAX. RESIDENTIAL AND NON-COMMERCIAL (PE & FE)

16' MIN. - 35' MAX. COMMERCIAL (CE)

A FEET	C FEET
3.5'	2.0'
4.5'	3.0'
5.5'	3.5'



NOTE: SIDEWALK MY BE DEPRESSED IN DRIVEWAY AREAS

SECTION Y - Y
DRIVEWAY DETAIL WITH CONCRETE CURB AND GUTTER
(URBAN AND SUBURBAN)

GENERAL NOTES

PROVIDE CONSTRUCTION JOINTS ALONG THE CENTER OF THE CONCRETE FOR DRIVEWAYS UNDER 20 FEET IN WIDTH AND AT THE THIRD POINTS OVER 20 FEET IN WIDTH.

OFFSETS, ELEVATIONS, AND PERCENT GRADE ARE SHOWN ON THE CROSS SECTIONS.

(1) CONSTRUCTION TOLERANCE OF 0.5%± FOR SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2%.

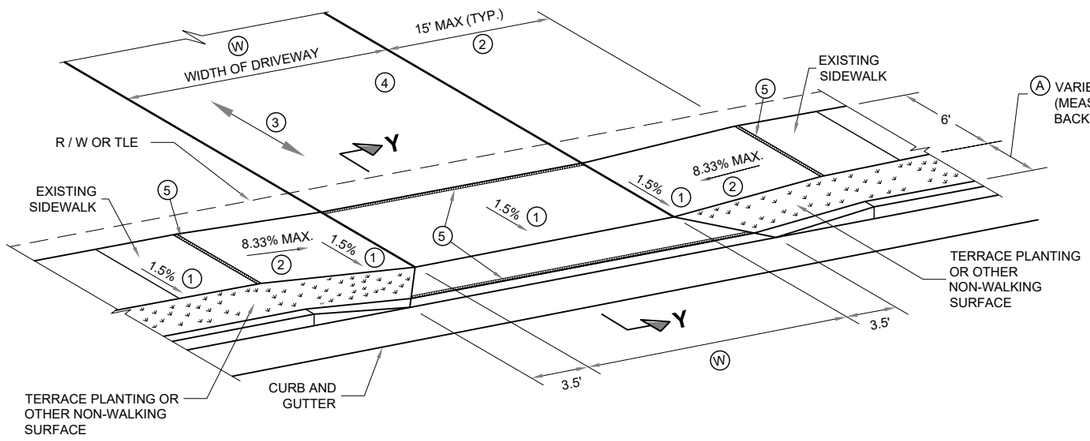
(2) THE SIDEWALK RAMP MAXIMUM RUNNING SLOPE SHALL NOT REQUIRE THE RAMP LENGTH TO EXCEED 15 FEET TO AVOID CHASING THE SLOPE INDEFINITELY WHEN CONNECTING TO STEEP GRADES. WHEN APPLYING THE 15 FOOT MAXIMUM LENGTH, THE RUNNING SLOPE OF THE SIDEWALK SHALL BE AS FLAT AS FEASIBLE AND NOT EXCEED THE LONGITUDINAL GRADE OF THE ROADWAY. SLOPE SIDEWALK RAMP TOWARD APRON AS SHOWN WHERE THERE IS NO TERRACE OR WHERE THE TERRACE WIDTH IS LESS THAN 6 FEET WIDE.

(3) DRIVEWAY SLOPES: DESIRABLE MAXIMUM
- 10.5% UP AWAY FROM SIDEWALK (SAG)
- 8.5% DOWN AWAY FROM SIDEWALK (CREST)
- ABSOLUTE MAXIMUM 15% FOR BOTH CREST AND SAG

(4) DRIVEWAY TYPES
- · CONCRETE DRIVEWAY 6-INCH OVER 6-INCHES BASE AGGREGATE DENSE 1 1/4-INCH
- · CONCRETE DRIVEWAY 8-INCH OVER 6-INCHES BASE AGGREGATE DENSE 1 1/4-INCH
- · 2-INCHES TO 3-INCHES ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES OVER 6-INCHES BASE AGGREGATE DENSE 1 1/4-INCH
- · 6-INCHES BASE AGGREGATE DENSE 1 1/4-INCH (MAY BE INCREASED TO 8-INCHES FOR CLAY SUBGRADES.)

(5) ½" EXPANSION JOINT FILLER

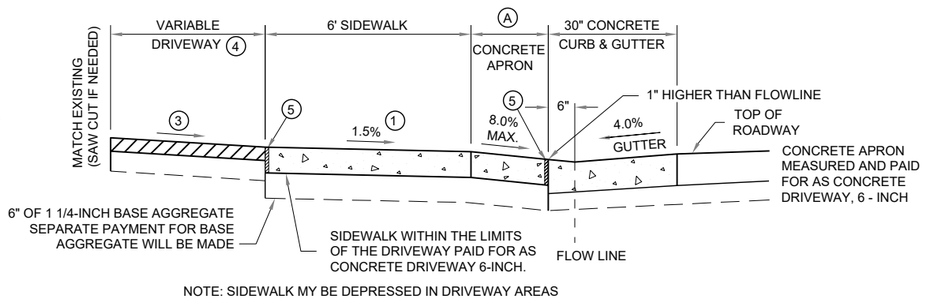
NOT TO SCALE



SIDEWALK WITH WIDER TERRACE (WRIGHT STREET)
TERRACE VARIES 7 TO 12 FEET

W: 12' MIN. - 24' MAX. RESIDENTIAL AND NON-COMMERCIAL (PE & FE)

16' MIN. - 35' MAX. COMMERCIAL (CE)



NOTE: SIDEWALK MY BE DEPRESSED IN DRIVEWAY AREAS

SECTION Y - Y

DRIVEWAY DETAIL WITH CONCRETE CURB AND GUTTER
(URBAN AND SUBURBAN)

GENERAL NOTES

PROVIDE CONSTRUCTION JOINTS ALONG THE CENTER OF THE CONCRETE FOR DRIVEWAYS UNDER 20 FEET IN WIDTH AND AT THE THIRD POINTS OVER 20 FEET IN WIDTH.

OFFSETS, ELEVATIONS, AND PERCENT GRADE ARE SHOWN ON THE CROSS SECTIONS.

(1) CONSTRUCTION TOLERANCE OF 0.5%± FOR SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2%.

(2) THE SIDEWALK RAMP MAXIMUM RUNNING SLOPE SHALL NOT REQUIRE THE RAMP LENGTH TO EXCEED 15 FEET TO AVOID CHASING THE SLOPE INDEFINITELY WHEN CONNECTING TO STEEP GRADES. WHEN APPLYING THE 15 FOOT MAXIMUM LENGTH, THE RUNNING SLOPE OF THE SIDEWALK SHALL BE AS FLAT AS FEASIBLE AND NOT EXCEED THE LONGITUDINAL GRADE OF THE ROADWAY. SLOPE SIDEWALK RAMP TOWARD APRON AS SHOWN WHERE THERE IS NO TERRACE OR WHERE THE TERRACE WIDTH IS LESS THAN 6 FEET WIDE.

(3) DRIVEWAY SLOPES: DESIRABLE MAXIMUM
- 10.5% UP AWAY FROM SIDEWALK (SAG)
- 8.5% DOWN AWAY FROM SIDEWALK (CREST)
- ABSOLUTE MAXIMUM 15% FOR BOTH CREST AND SAG

(4) DRIVEWAY TYPES
- · CONCRETE DRIVEWAY 6-INCH OVER 6-INCHES BASE AGGREGATE DENSE 1 1/4-INCH
- · CONCRETE DRIVEWAY 8-INCH OVER 6-INCHES BASE AGGREGATE DENSE 1 1/4-INCH
- · 2-INCHES TO 3-INCHES ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES OVER 6-INCHES BASE AGGREGATE DENSE 1 1/4-INCH
- · 6-INCHES BASE AGGREGATE DENSE 1 1/4-INCH (MAY BE INCREASED TO 8-INCHES FOR CLAY SUBGRADES.)

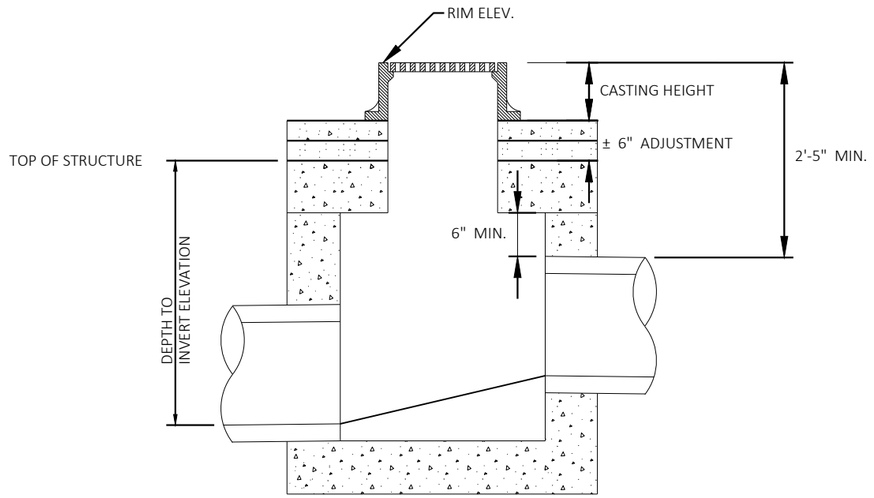
(5) ½" EXPANSION JOINT FILLER

NOT TO SCALE

RUNOFF COEFFICIENT TABLE

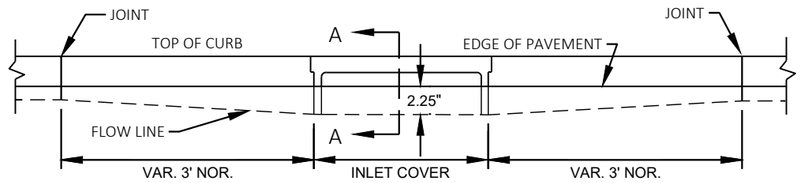
	HYDROLOGIC SOIL GROUP											
	A			B			C			D		
	SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)		
LAND USE:	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER
ROW CROPS	.08 .22	.16 .30	.22 .38	.12 .26	.20 .34	.27 .44	.15 .30	.24 .37	.33 .50	.19 .34	.28 .41	.38 .56
MEDIAN STRIP - TURF	.19 .24	.20 .26	.24 .30	.19 .25	.22 .28	.26 .33	.20 .26	.23 .30	.30 .37	.20 .27	.25 .32	.30 .40
SIDE SLOPE- TURF			.25 .32			.27 .34			.28 .36			.30 .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 = 6.74 ACRES
TOTAL AREA EXPECTED TO BE DISTURBED BY CONSTRUCTION ACTIVITIES = 5.50 ACRES

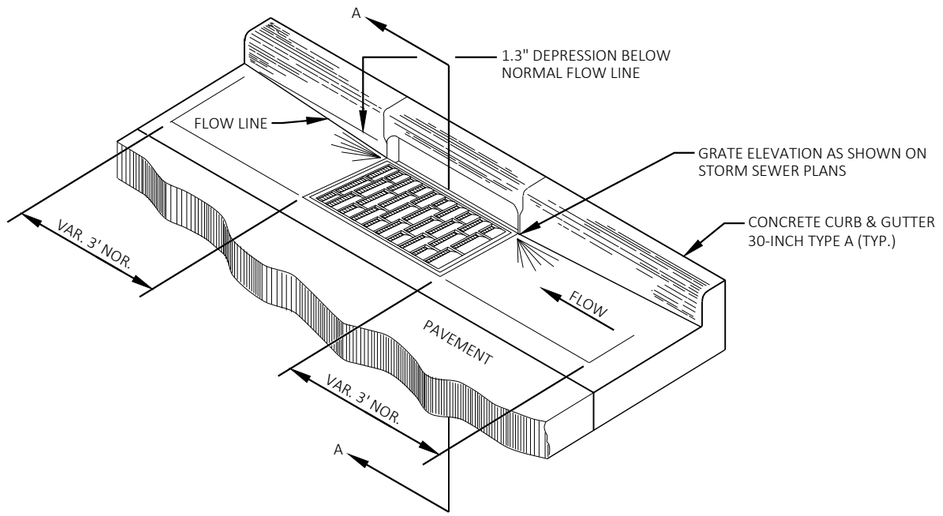


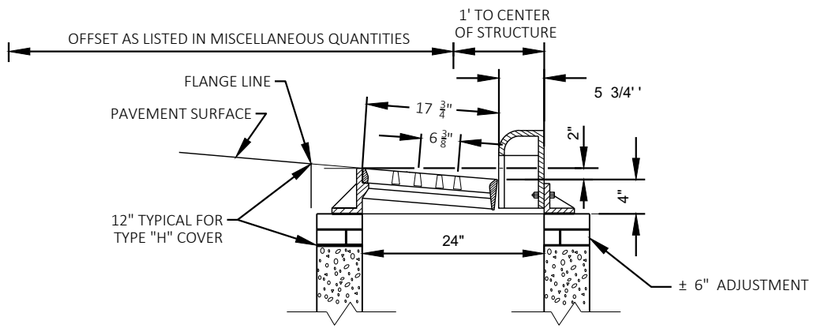
DETAIL FOR COMPUTING STRUCTURE ELEVATIONS

NOT TO SCALE



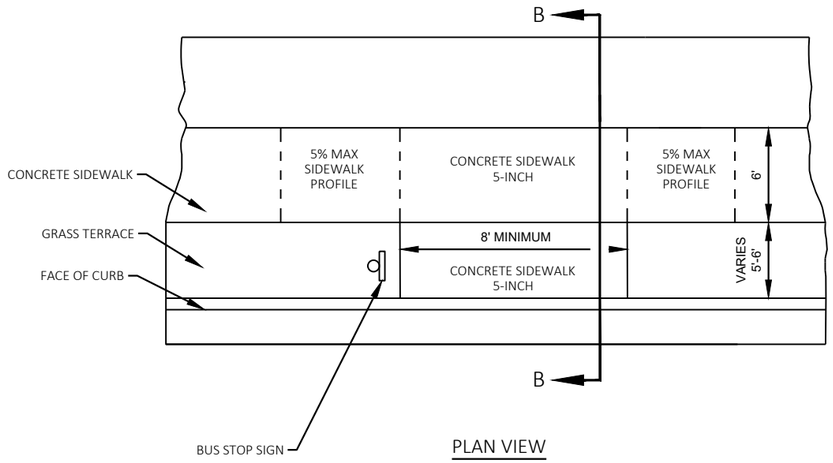
ELEVATION





SECTION A - A

DETAIL OF CONCRETE CURB & GUTTER 30-INCH TYPE A AT INLETS
(INLETS 2 X 3 - H SHOWN)



PLAN VIEW

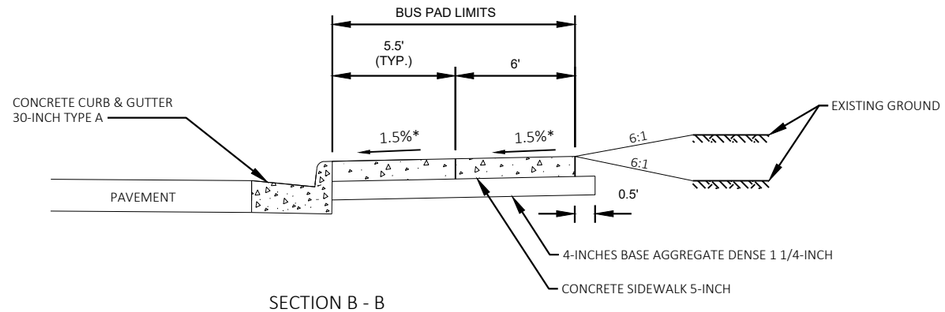
BUS PAD DETAIL

STA. 92+20 LT
STA. 98+05 LT
STA. 108+30 LT
STA. 114+75 LT
STA. 120+25 LT

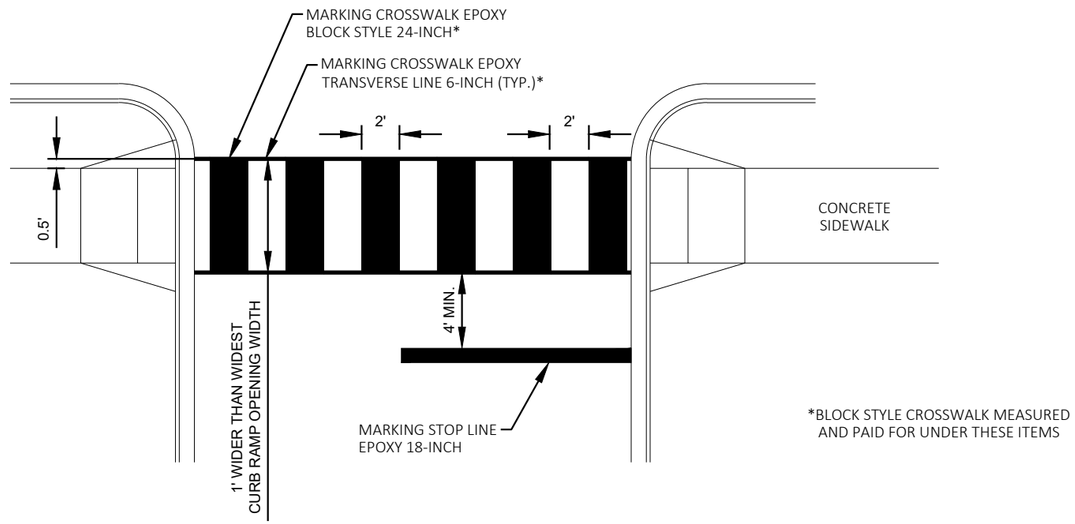
BUS PAD NOTES:

1. BUS PAD SHALL HAVE A MINIMUM LENGTH OF 8 FEET ALONG CURB EDGE. BUS PAD WIDTH SHALL MATCH THE EXISTING TERRACE WIDTH. (IN THE DIRECTION PERPENDICULAR TO THE ROADWAY)

* ±0.5%

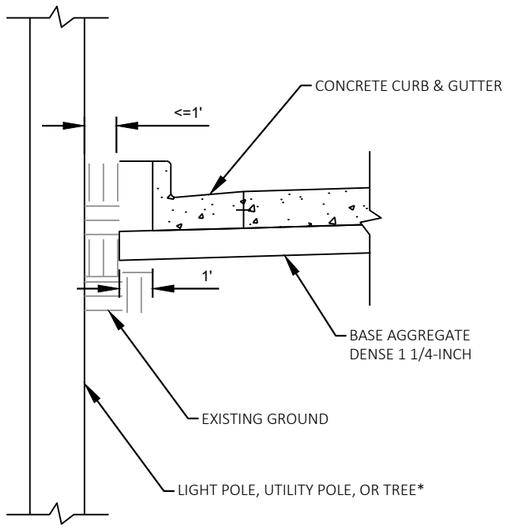


SECTION B - B



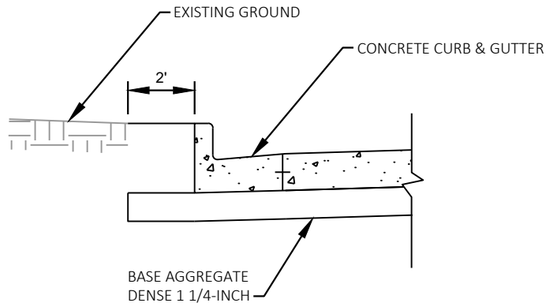
STOP LINE AND BLOCK STYLE CROSSWALK DETAIL

VICTORY AVENUE INTERSECTION

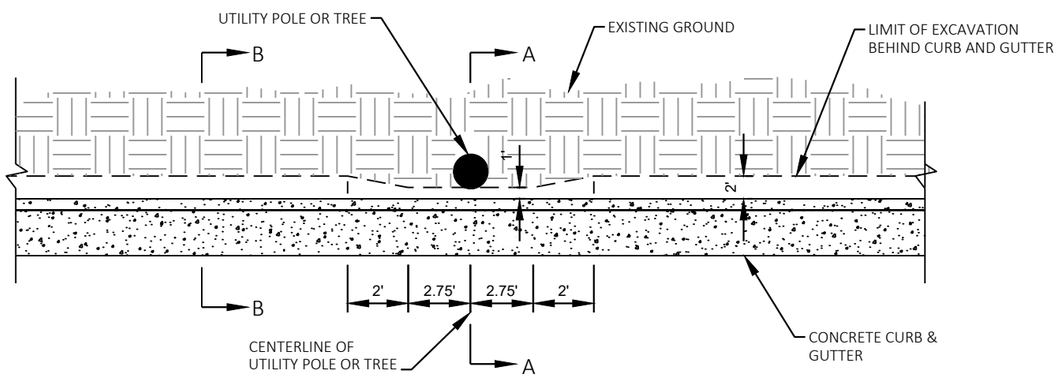


SECTION A - A

*HAND POURING OF CURB AND GUTTER IN PROXIMITY TO THESE EXISTING FEATURES MAY BE NEEDED



SECTION B - B

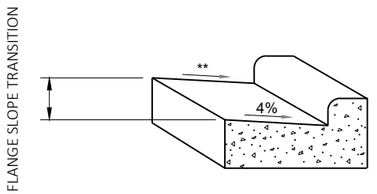


EXCAVATION AROUND LIGHT POLES, UTILITY POLES, OR TREES ADJACENT TO BACK OF CURB

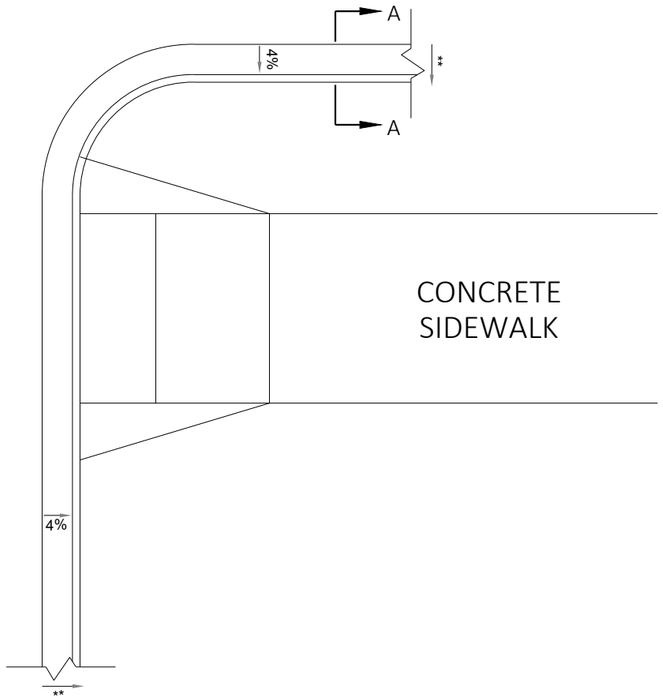
NOTE:

REMOVE TREES IF THE ROOTS ARE IMPACTED BY CONSTRUCTION.

** EXISTING GUTTER PAN SLOPE



SECTION A - A



CURB AND FLANGE SLOPE TRANSITION DETAIL

2

N

WISCONSIN ELECTRIC POWER COMPANY

RACINE COUNTY BIKE TRAIL

BEGIN CONSTRUCTION
STA 11+00.00 A

BEGIN PROJECT
STA 84+85.00

85+30.31
47.67' LT

STA. 85+16.88, 34.0' LT
STA. 11+11.92 A, 31.0' RT
R = 15.0'

84+85.00
19.00' LT

85+16.88
19.00' LT

85+62.32
51.53' LT

STA. 85+80.39, 35.0' LT
STA. 11+18.54 A, 32.0' LT
R = 16.0'

SLOPE INTERCEPT (TYP.)

86+28.18
27.00' LT

86+38.18
27.00' LT

86+85.27
27.00' LT

86+98.27
27.00' LT

87+97.31
27.04' LT

87+87.34
27.00' LT

87+36.33
27.00' LT

87+46.33
27.00' LT

88+49.46
27.00' LT

88+40.46
27.00' LT

88+18.99
27.00' LT

88+75.29
27.00' LT

88+94.46
33.50' LT

P.L. (TYP.)

R/W

SR

TLE

CS-5

CD-6

CG-30A

16'

85+64.50
33.12' LT

85+31.77
35.84' LT

85+80.39
19.00' LT

85+90.00
3.00' LT

85+16.62
0.00'

CP8

LATHROP AVENUE

MATCHLINE 89+00

83+00

84+00

85+00

86+00

87+00

88+00

89

84+85.00
19.00' RT

85+24.69
19.00' RT

85+39.61
32.45' RT

STA. 85+24.69, 34.0' RT
STA. 11+80.95 A, 31.0' RT
R = 15.0'

12+00.00 A

85+41.58
51.39' RT

85+86.84
19.00' RT

86+23.33
27.00' RT

STA. 85+86.84, 34.0' RT
STA. 11+87.24 A, 31.0' LT
R = 15.0'

85+71.91
35.48' RT

85+73.17
48.18' RT

88+86.67
27.00' RT

86+86.71
35.30' RT

86+94.71
35.30' RT

87+42.98
42.60' RT

87+50.98
42.60' RT

87+97.89
43.30' RT

88+07.39
43.30' RT

88+56.96
43.10' RT

88+66.96
43.10' RT

±77

±05

±33

±61

±88

±17

±47

±84

REPUBLIC AVENUE

END CONSTRUCTION
STA 12+00.00 A

NOTES

ALL CONCRETE SIDEWALK SHALL BE SAWCUT AT THE NEAREST APPROPRIATE JOINT.
MATCH EXISTING DRIVEWAY WIDTH UNLESS OTHERWISE NOTED.
STATION AND OFFSET INFORMATION FOR CARRIAGE WALKS ARE TO THE CENTER OF THE WALK UNLESS OTHERWISE NOTED. MATCH EXISTING WIDTH UNLESS OTHERWISE NOTED.

LEGEND

CS-5	CONCRETE SIDEWALK 5-INCH	CG-30A	CONCRETE CURB & GUTTER 30-INCH TYPE A
CD-6/CD-8	CONCRETE DRIVEWAY 6-INCH/8-INCH	CP	CONCRETE CURB PEDESTRIAN
ASPH	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES	■	PROPOSED STORM SEWER INLET
CP8	CONCRETE PAVEMENT 8-INCH (DOWELED, NON-TINED)	●	PROPOSED STORM SEWER MANHOLE
xxxxxxxxxx	SAWING CONCRETE	●	EXISTING STORM SEWER MANHOLE
//////////	SAWING ASPHALT	○	EXISTING UTILITY MANHOLE
X	TREE REMOVAL	SR	SIDEWALK TO REMAIN
		- - - -	SLOPE INTERCEPT
		BP	BUS PAD, SEE CONSTRUCTION DETAIL

PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	PLAN DETAILS	SHEET 12	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\021201-PD.DWG
LAYOUT NAME - 021201-pd
PLOT DATE : 10/21/2026 10:10 AM
PLOT BY : GOMEZ, JACK
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

BEGIN CONSTRUCTION
STA 10+95.00 B

17TH STREET

BEGIN CONSTRUCTION
STA 11+00.00 C

VICTORY AVENUE

LATHROP AVENUE

MATCHLINE 89+00

MATCHLINE 95+00

END CONSTRUCTION
STA 12+00.00 C

NOTES

ALL CONCRETE SIDEWALK SHALL BE SAWCUT AT THE NEAREST APPROPRIATE JOINT.
MATCH EXISTING DRIVEWAY WIDTH UNLESS OTHERWISE NOTED.
STATION AND OFFSET INFORMATION FOR CARRIAGE WALKS ARE TO THE CENTER OF THE WALK UNLESS OTHERWISE NOTED. MATCH EXISTING WIDTH UNLESS OTHERWISE NOTED.

LEGEND

CS-5	CONCRETE SIDEWALK 5-INCH	CG-30A	CONCRETE CURB & GUTTER 30-INCH TYPE A
CD-6/CD-8	CONCRETE DRIVEWAY 6-INCH/8-INCH	CP	CONCRETE CURB PEDESTRIAN
ASPH	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES	■	PROPOSED STORM SEWER INLET
CP8	CONCRETE PAVEMENT 8-INCH (DOWELED, NON-TINED)	●	PROPOSED STORM SEWER MANHOLE
XXXXXXXXXX	SAWING CONCRETE	●	EXISTING STORM SEWER MANHOLE
//////////	SAWING ASPHALT	○	EXISTING UTILITY MANHOLE
X	TREE REMOVAL	SR	SIDEWALK TO REMAIN
		- - - -	SLOPE INTERCEPT
		BP	BUS PAD, SEE CONSTRUCTION DETAIL

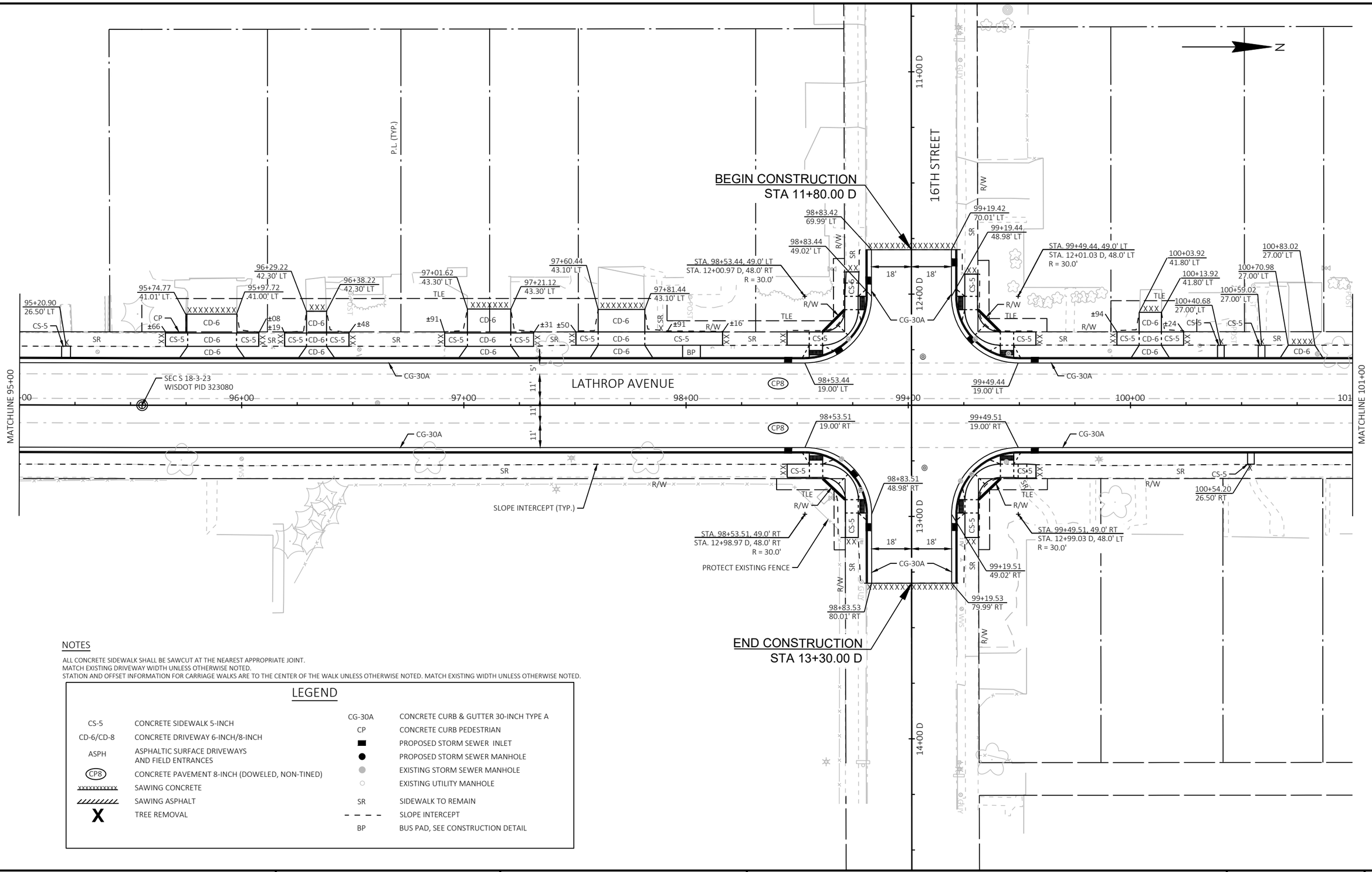
PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	PLAN DETAILS	SHEET 13	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\021201-PD.DWG
LAYOUT NAME - 021202-pd

PLOT DATE : 10/21/2026 10:11 AM PLOT BY : GOMEZ, JACK PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2



NOTES

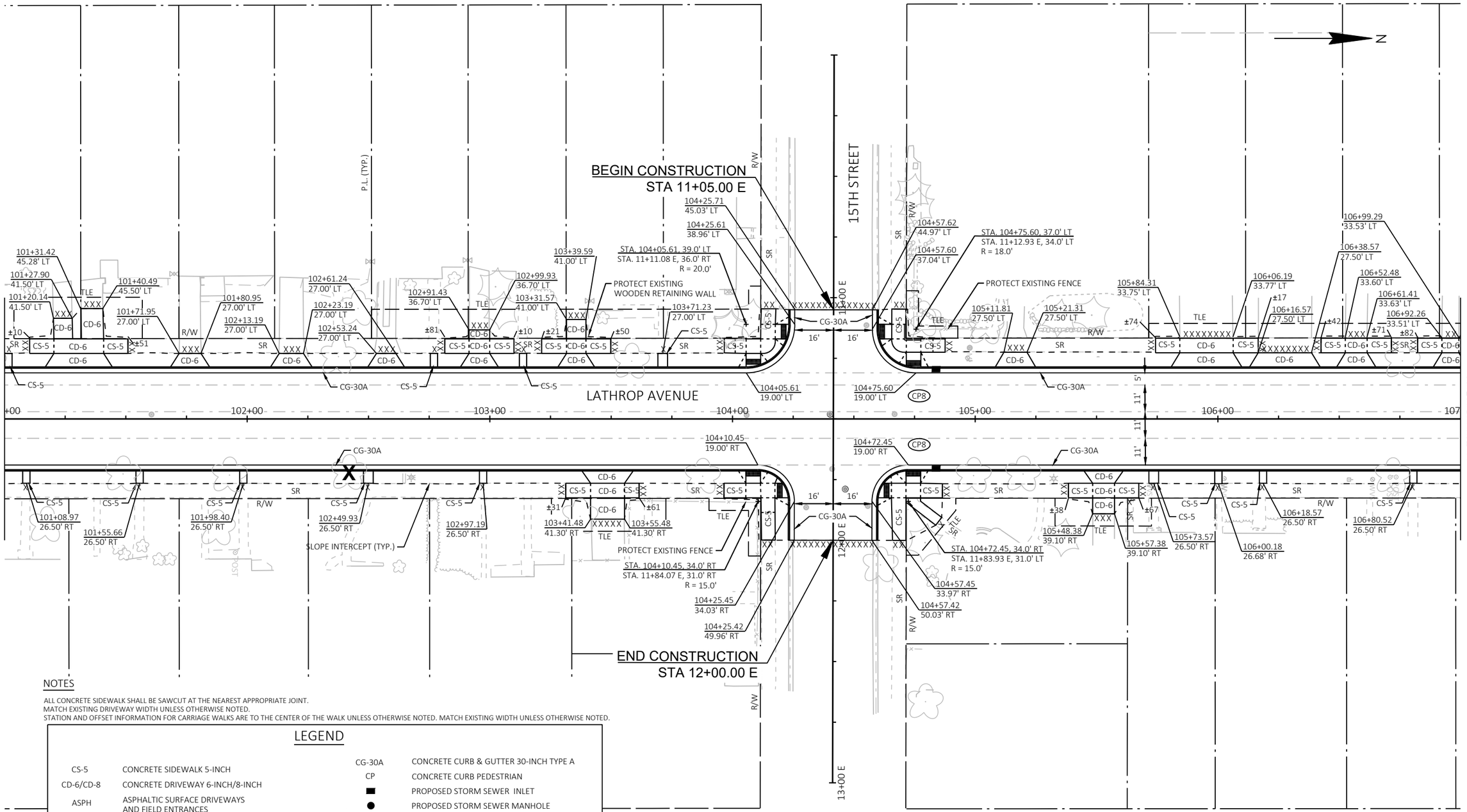
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MATCH EXISTING DRIVEWAY WIDTH UNLESS OTHERWISE NOTED.
STATION AND OFFSET INFORMATION FOR CARRIAGE WALKS ARE TO THE CENTER OF THE WALK UNLESS OTHERWISE NOTED. MATCH EXISTING WIDTH UNLESS OTHERWISE NOTED.

LEGEND

CS-5	CONCRETE SIDEWALK 5-INCH	CG-30A	CONCRETE CURB & GUTTER 30-INCH TYPE A
CD-6/CD-8	CONCRETE DRIVEWAY 6-INCH/8-INCH	CP	CONCRETE CURB PEDESTRIAN
ASPH	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES	■	PROPOSED STORM SEWER INLET
CP8	CONCRETE PAVEMENT 8-INCH (DOWELED, NON-TINED)	●	PROPOSED STORM SEWER MANHOLE
xxxxxxxxxx	SAWING CONCRETE	●	EXISTING STORM SEWER MANHOLE
//////////	SAWING ASPHALT	○	EXISTING UTILITY MANHOLE
X	TREE REMOVAL	SR	SIDEWALK TO REMAIN
		- - - -	SLOPE INTERCEPT
		BP	BUS PAD, SEE CONSTRUCTION DETAIL

PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	PLAN DETAILS	SHEET 14	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\021201-PD.DWG
LAYOUT NAME - 021203-pd
PLOT DATE : 10/21/2026 10:11 AM
PLOT BY : GOMEZ, JACK
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42



NOTES

ALL CONCRETE SIDEWALK SHALL BE SAWCUT AT THE NEAREST APPROPRIATE JOINT.
MATCH EXISTING DRIVEWAY WIDTH UNLESS OTHERWISE NOTED.
STATION AND OFFSET INFORMATION FOR CARRIAGE WALKS ARE TO THE CENTER OF THE WALK UNLESS OTHERWISE NOTED. MATCH EXISTING WIDTH UNLESS OTHERWISE NOTED.

LEGEND

CS-5	CONCRETE SIDEWALK 5-INCH	CG-30A	CONCRETE CURB & GUTTER 30-INCH TYPE A
CD-6/CD-8	CONCRETE DRIVEWAY 6-INCH/8-INCH	CP	CONCRETE CURB PEDESTRIAN
ASPH	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES	■	PROPOSED STORM SEWER INLET
CP8	CONCRETE PAVEMENT 8-INCH (DOWELED, NON-TINED)	●	PROPOSED STORM SEWER MANHOLE
XXXXXXXXXX	SAWING CONCRETE	●	EXISTING STORM SEWER MANHOLE
//////////	SAWING ASPHALT	○	EXISTING UTILITY MANHOLE
X	TREE REMOVAL	SR	SIDEWALK TO REMAIN
		- - -	SLOPE INTERCEPT
		BP	BUS PAD, SEE CONSTRUCTION DETAIL

2

2

BEGIN CONSTRUCTION
STA 11+50.00 F

WRIGHT AVENUE

LATHROP AVENUE

END CONSTRUCTION
STA 13+60.00 F

MATCHLINE 107+00

MATCHLINE 113+00

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

11+00 F 12+00 F 13+00 F 14+00 F

108+94.69 99.96' LT
109+40.69 100.04' LT
109+51.73 77.91' LT
108+94.78 44.04' LT
109+51.777.77 53.91' LT LT
109+40.79 38.97' LT
108+79.91 19.00' RT
109+60.92 19.00' RT
108+94.91 33.98' RT
109+40.92 39.03' RT
108+95.03 110.04' RT
109+41.03 109.97' RT
108+69.78 19.00' LT
109+60.79 19.00' LT

STA. 108+69.78, 44.0' LT
STA. 12+05.92 F, 48.0' RT
R = 25.0'

STA. 109+60.79, 39.0' LT
STA. 12+11.07 F, 43.0' LT
R = 20.0'

STA. 108+79.91, 34.0' RT
STA. 12+83.94 F, 38.0' RT
R = 15.0'

STA. 109+60.92, 39.0' RT
STA. 12+89.07 F, 43.0' LT
R = 20.0'

23' 23'

CG-30A

CP8

R/W

SR

TLE

SLOPE INTERCEPT (TYP.)

P.L. (TYP.)

107+60.88 27.50' LT
107+41.35 27.50' LT
107+32.35 27.50' LT
107+89.77 27.50' LT
108+15.22 33.56' LT
108+07.51 33.60' LT
108+43.53 27.50' LT
107+44.08 26.50' RT
107+79.08 26.50' RT
107+99.36 26.50' RT
108+32.76 26.50' RT
108+62.41 35.50' RT
108+75.36 35.50' RT
108+75.18 48.87' RT
110+82.14 27.50' LT
110+90.71 33.50' LT
111+00.71 33.50' LT
110+58.14 27.50' LT
111+15.14 27.50' LT
111+35.50 33.50' LT
111+45.00 33.50' LT
111+55.70 27.50' LT
111+81.31 27.50' LT
112+84.19 27.50' LT
112+66.42 27.50' LT
112+57.42 27.50' LT
112+11.84 33.50' LT
112+21.34 33.50' LT
110+05.03 35.50' RT
109+60.91 35.50' RT
110+25.11 35.50' RT
110+55.13 35.50' RT
109+60.93 48.50' RT
110+77.92 43.10' RT
110+92.92 43.10' RT
111+15.06 26.50' RT
111+32.49 26.50' RT
111+59.64 26.50' RT
111+89.27 26.50' RT
112+79.18 26.50' RT

±97 ±41 ±83 ±08 ±25 ±55 ±02 ±32 ±03

CD-6 CD-8 CS-5 SR BP ASPH

PROTECT EXISTING FENCE

PROTECT EXISTING FENCE AND BOLLARD

NOTES

ALL CONCRETE SIDEWALK SHALL BE SAWCUT AT THE NEAREST APPROPRIATE JOINT.
MATCH EXISTING DRIVEWAY WIDTH UNLESS OTHERWISE NOTED.
STATION AND OFFSET INFORMATION FOR CARRIAGE WALKS ARE TO THE CENTER OF THE WALK UNLESS OTHERWISE NOTED. MATCH EXISTING WIDTH UNLESS OTHERWISE NOTED.

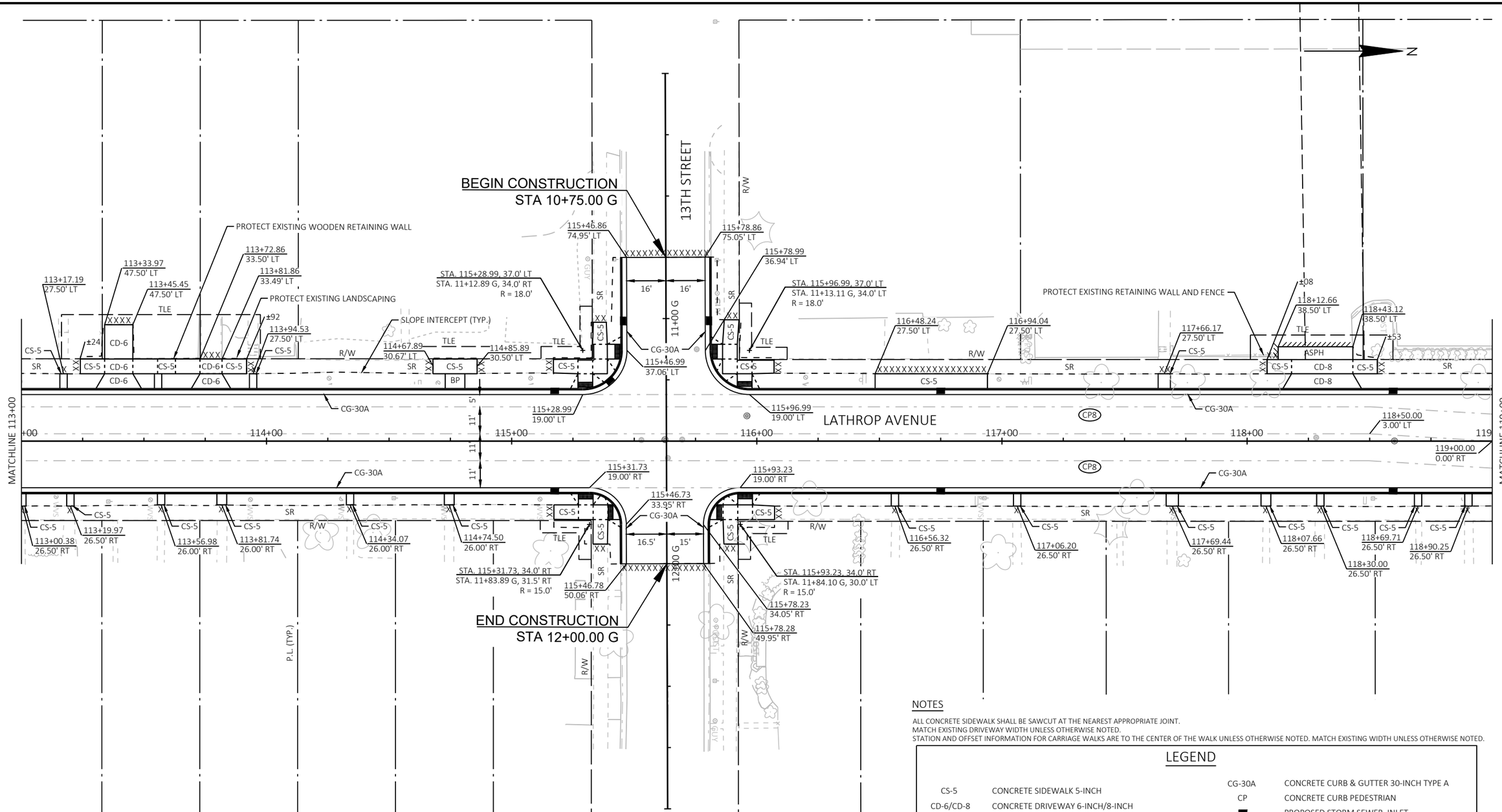
LEGEND

CS-5	CONCRETE SIDEWALK 5-INCH	CG-30A	CONCRETE CURB & GUTTER 30-INCH TYPE A
CD-6/CD-8	CONCRETE DRIVEWAY 6-INCH/8-INCH	CP	CONCRETE CURB PEDESTRIAN
ASPH	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES	■	PROPOSED STORM SEWER INLET
(CP8)	CONCRETE PAVEMENT 8-INCH (DOWELED, NON-TINED)	●	PROPOSED STORM SEWER MANHOLE
xxxxxxxxxx	SAWING CONCRETE	●	EXISTING STORM SEWER MANHOLE
//////////	SAWING ASPHALT	○	EXISTING UTILITY MANHOLE
X	TREE REMOVAL	SR	SIDEWALK TO REMAIN
		- - - -	SLOPE INTERCEPT
		BP	BUS PAD, SEE CONSTRUCTION DETAIL

PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	PLAN DETAILS	SHEET 16	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\021201-PD.DWG
LAYOUT NAME - 021205-pd
PLOT DATE : 10/21/2026 10:11 AM PLOT BY : GOMEZ, JACK PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2



NOTES

ALL CONCRETE SIDEWALK SHALL BE SAWCUT AT THE NEAREST APPROPRIATE JOINT.
MATCH EXISTING DRIVEWAY WIDTH UNLESS OTHERWISE NOTED.
STATION AND OFFSET INFORMATION FOR CARRIAGE WALKS ARE TO THE CENTER OF THE WALK UNLESS OTHERWISE NOTED. MATCH EXISTING WIDTH UNLESS OTHERWISE NOTED.

LEGEND

CS-5	CONCRETE SIDEWALK 5-INCH	CG-30A	CONCRETE CURB & GUTTER 30-INCH TYPE A
CD-6/CD-8	CONCRETE DRIVEWAY 6-INCH/8-INCH	CP	CONCRETE CURB PEDESTRIAN
ASPH	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES	■	PROPOSED STORM SEWER INLET
CP8	CONCRETE PAVEMENT 8-INCH (DOWELED, NON-TINED)	●	PROPOSED STORM SEWER MANHOLE
xxxxxxxxxx	SAWING CONCRETE	●	EXISTING STORM SEWER MANHOLE
//////////	SAWING ASPHALT	○	EXISTING UTILITY MANHOLE
X	TREE REMOVAL	SR	SIDEWALK TO REMAIN
		- - - -	SLOPE INTERCEPT
		BP	BUS PAD, SEE CONSTRUCTION DETAIL

PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	PLAN DETAILS	SHEET 17	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\021201-PD.DWG
LAYOUT NAME - 021206-pd
PLOT DATE : 10/21/2026 10:11 AM
PLOT BY : GOMEZ, JACK
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

2

N

MATCHLINE 119+00

+00 120+00 121+00 122+00 123+00 124+00 125+00

139+00 H

140+00 H

141+00 H

STH 20 / WASHINGTON AVENUE

LATHROP AVENUE

SR

R/W

TLE

CG-30A

CP8

8'

11'

11'

8'

CS-5

CD-8

BP

SLOPE INTERCEPT (TYP.)

±08

±83

120+26.98
33.50' LT

120+41.98
33.50' LT

120+56.99
33.50' LT

120+79.98
33.50' LT

120+80.00
19.00' LT

END PROJECT
STA 120+80.00

120+80.00
19.00' RT

SEC C 18-3-23
WISDOT PID 323067

119+21.41
26.50' RT

119+72.74
26.50' RT

119+89.39
26.50' RT

120+12.51
26.50' RT

120+32.64
26.50' RT

120+46.64
26.50' RT

P.L. (TYP.)

MH

HWY

SAN

STM

NOTES

ALL CONCRETE SIDEWALK SHALL BE SAWCUT AT THE NEAREST APPROPRIATE JOINT.
MATCH EXISTING DRIVEWAY WIDTH UNLESS OTHERWISE NOTED.
STATION AND OFFSET INFORMATION FOR CARRIAGE WALKS ARE TO THE CENTER OF THE WALK UNLESS OTHERWISE NOTED. MATCH EXISTING WIDTH UNLESS OTHERWISE NOTED.

LEGEND

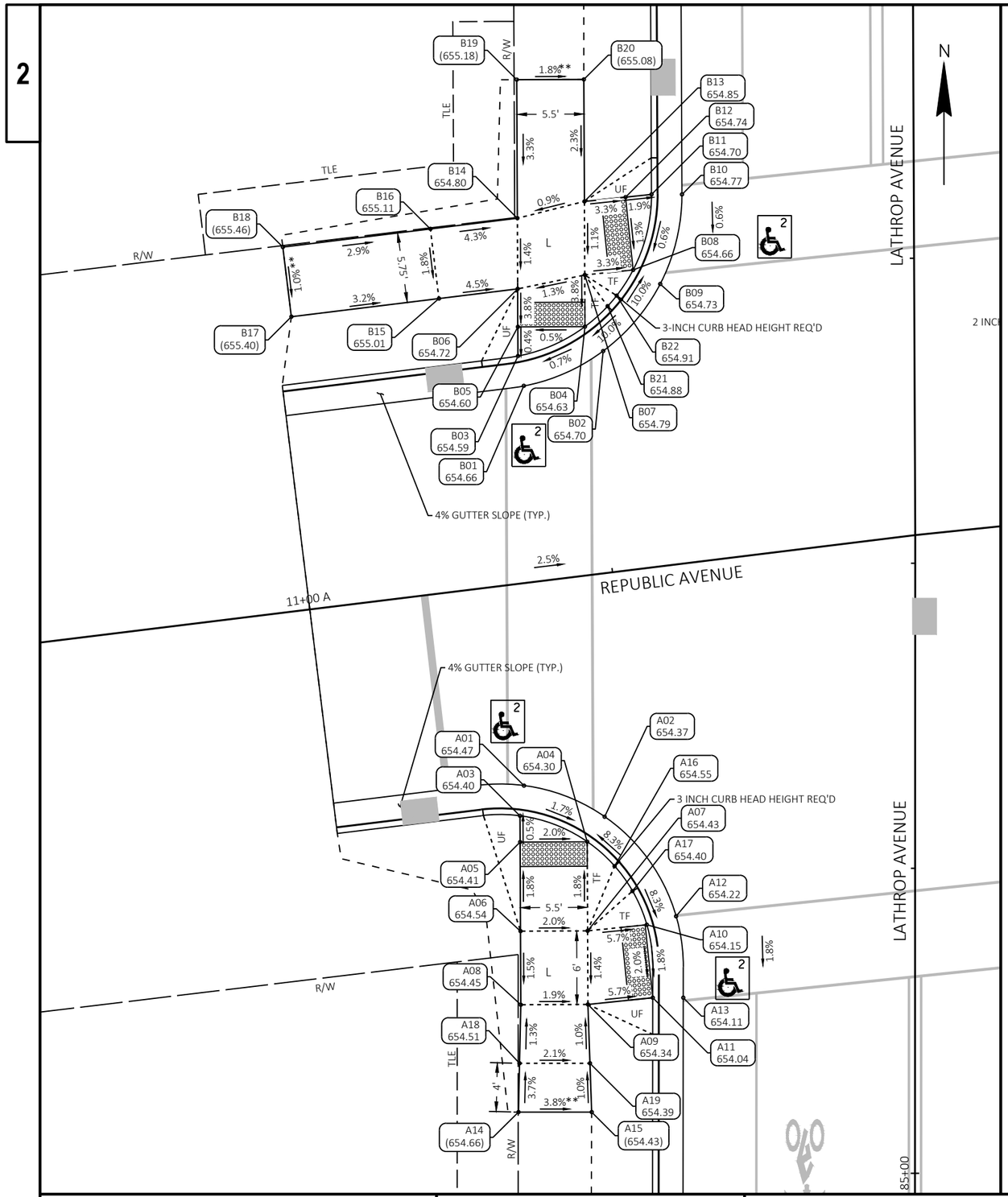
CS-5	CONCRETE SIDEWALK 5-INCH	CG-30A	CONCRETE CURB & GUTTER 30-INCH TYPE A
CD-6/CD-8	CONCRETE DRIVEWAY 6-INCH/8-INCH	CP	CONCRETE CURB PEDESTRIAN
ASPH	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES	■	PROPOSED STORM SEWER INLET
CP8	CONCRETE PAVEMENT 8-INCH (DOWELED, NON-TINED)	●	PROPOSED STORM SEWER MANHOLE
xxxxxxxxxx	SAWING CONCRETE	●	EXISTING STORM SEWER MANHOLE
//////////	SAWING ASPHALT	○	EXISTING UTILITY MANHOLE
X	TREE REMOVAL	SR	SIDEWALK TO REMAIN
		- - - -	SLOPE INTERCEPT
		BP	BUS PAD, SEE CONSTRUCTION DETAIL

PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	PLAN DETAILS	SHEET 18	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\021201-PD.DWG
LAYOUT NAME - 021207-pd

PLOT DATE : 10/21/2026 10:11 AM PLOT BY : GOMEZ, JACK PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42



STATION & OFFSET TABLE					
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION
B01	85+64.68	32.04 LT	179324.49	628363.80	654.66
B02	85+67.51	25.52 LT	179327.34	628370.31	654.70
B03	85+67.13	32.50 LT	179326.93	628363.33	654.59
B04	85+69.52	27.00 LT	179329.35	628368.82	654.63
B05	85+69.52	32.50 LT	179329.32	628363.32	654.60
B06	85+72.63	32.50 LT	179332.44	628363.30	654.72
B07	85+73.75	27.00 LT	179333.58	628368.80	654.79
B08	85+74.14	23.03 LT	179333.99	628372.76	654.66
B09	85+72.99	20.82 LT	179332.84	628374.98	654.73
B10	85+80.31	19.00 LT	179340.18	628376.77	654.77
B11	85+80.33	21.50 LT	179340.18	628374.27	654.70

STATION & OFFSET TABLE					
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION
B12	85+80.12	23.63 LT	179339.96	628372.14	654.74
B13	85+79.78	27.00 LT	179339.61	628368.77	654.85
B14	85+78.42	32.50 LT	179338.23	628363.28	654.80
B15	85+71.87	38.96 LT	179331.64	628356.85	655.01
B16	85+77.58	39.63 LT	179337.35	628356.15	655.11
B17	85+70.44	51.06 LT	179330.16	628344.75	(655.40)
B18	85+76.15	51.74 LT	179335.87	628344.05	(655.46)
B19	85+89.78	32.50 LT	179349.58	628363.23	(655.18)
B20	85+89.78	27.00 LT	179349.61	628368.73	(655.08)
B21	85+71.18	25.13 LT	179331.02	628370.68	654.88
B22	85+72.04	24.39 LT	179331.88	628371.41	654.91

LEGEND

X	CURB RAMP TYPE X
L	LANDING
**	MATCH EXISTING SLOPE
(XXX.XX)	MATCH EXISTING ELEVATION
- - - - -	SLOPE INTERCEPT
UF	UNPAVED - 6:1 NONTRAVERSABLE FLARE; CURB HEAD TRANSITION REQ'D
PF	PAVED - 6:1 NONTRAVERSABLE FLARE; CURB HEAD TRANSITION REQ'D
TF	10:1 TRAVERSABLE FLARE; CURB HEAD TRANSITION REQ'D

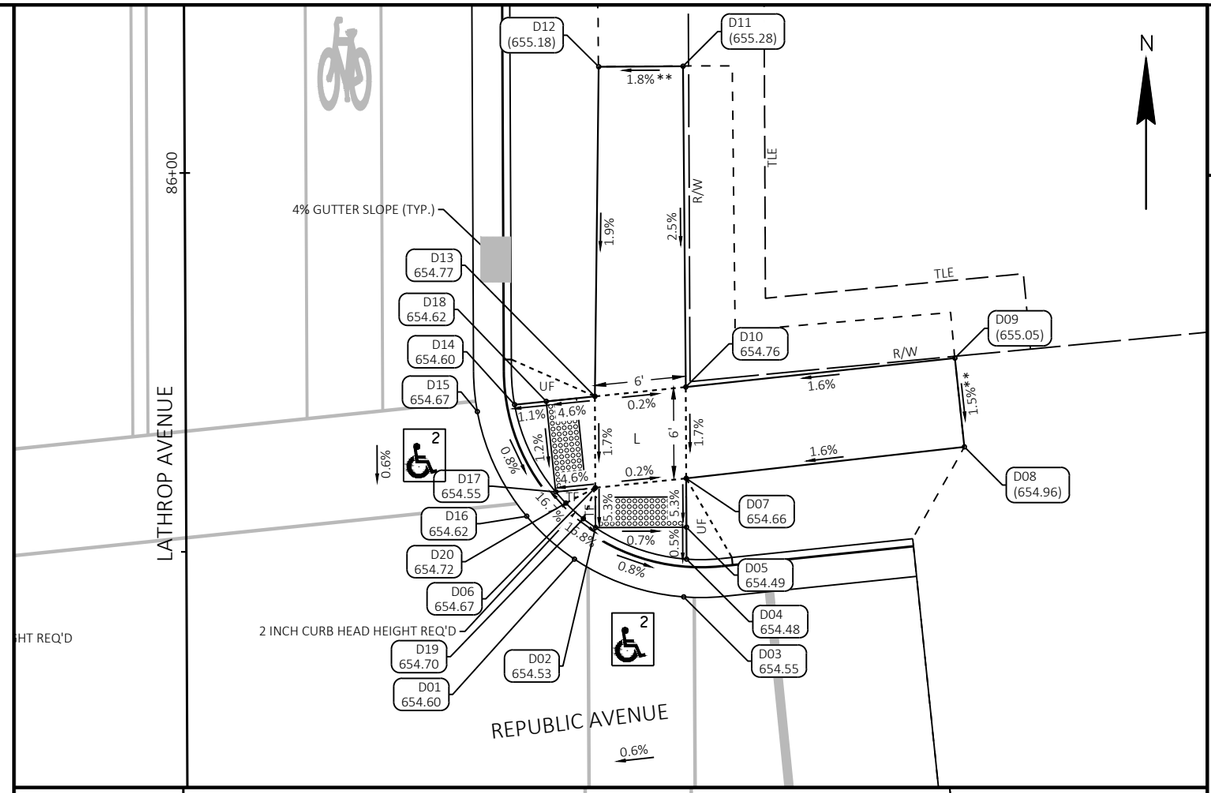
STATION & OFFSET TABLE					
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION
A01	85+31.76	32.06 LT	179291.72	628363.81	654.47
A02	85+29.21	25.45 LT	179289.17	628370.43	654.37
A03	85+29.28	32.39 LT	179289.24	628363.49	654.40
A04	85+27.15	26.88 LT	179287.12	628369.00	654.30
A05	85+27.13	32.38 LT	179287.09	628363.50	654.41
A06	85+19.83	32.34 LT	179279.79	628363.53	654.54
A07	85+19.86	26.84 LT	179279.82	628369.03	654.43
A08	85+13.80	32.31 LT	179273.76	628363.56	654.45
A09	85+13.83	26.81 LT	179273.79	628369.06	654.34
A10	85+20.36	21.99 LT	179280.32	628373.88	654.15
A11	85+14.38	21.50 LT	179274.34	628374.37	654.04
A12	85+21.06	19.59 LT	179281.01	628376.28	654.22
A13	85+14.38	19.00 LT	179274.34	628376.87	654.11
A14	85+05.00	32.50 LT	179264.96	628363.36	(654.66)
A15	85+05.00	26.50 LT	179264.96	628369.36	(654.43)
A16	85+25.16	24.63 LT	179285.12	628371.24	654.55
A17	85+23.12	23.17 LT	179283.08	628372.71	654.40
A18	85+09.00	32.41 LT	179268.96	628363.45	654.51
A19	85+09.00	26.64 LT	179268.96	628369.23	654.39

PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	CURB RAMP DETAILS	SHEET 19	E

STATION & OFFSET TABLE					
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION
D01	85+74.41	25.60 RT	179334.47	628421.39	654.60
D02	85+76.48	27.00 RT	179336.55	628422.78	654.53
D03	85+71.89	32.80 RT	179331.97	628428.60	654.55
D04	85+74.38	33.00 RT	179334.47	628428.79	654.48
D05	85+76.48	33.00 RT	179336.57	628428.78	654.49
D06	85+79.11	27.00 RT	179339.17	628422.77	654.67
D07	85+79.70	33.00 RT	179339.79	628428.77	654.66
D08	85+81.70	51.37 RT	179341.87	628447.13	(654.96)
D09	85+87.56	50.76 RT	179347.73	628446.50	(655.05)
D10	85+85.73	33.00 RT	179345.82	628428.74	654.76
D11	86+06.89	32.91 RT	179366.98	628428.56	(655.28)
D12	86+06.89	27.34 RT	179366.96	628422.99	(655.18)
D13	85+85.14	27.00 RT	179345.20	628422.75	654.77
D14	85+84.61	21.70 RT	179344.65	628417.45	654.60
D15	85+84.17	19.24 RT	179344.20	628414.99	654.67
D16	85+77.25	22.46 RT	179337.30	628418.24	654.62
D17	85+78.85	24.39 RT	179338.90	628420.16	654.55
D18	85+84.82	23.79 RT	179344.87	628419.54	654.62
D19	85+77.07	26.20 RT	179337.13	628421.98	654.70
D20	85+78.11	25.05 RT	179338.16	628420.83	654.72

LEGEND

X	CURB RAMP TYPE X
L	LANDING
**	MATCH EXISTING SLOPE
(XXX.XX)	MATCH EXISTING ELEVATION
- - - - -	SLOPE INTERCEPT
UF	UNPAVED - 6:1 NONTRAVERSABLE FLARE; CURB HEAD TRANSITION REQ'D
PF	PAVED - 6:1 NONTRAVERSABLE FLARE; CURB HEAD TRANSITION REQ'D
TF	10:1 TRAVERSABLE FLARE; CURB HEAD TRANSITION REQ'D

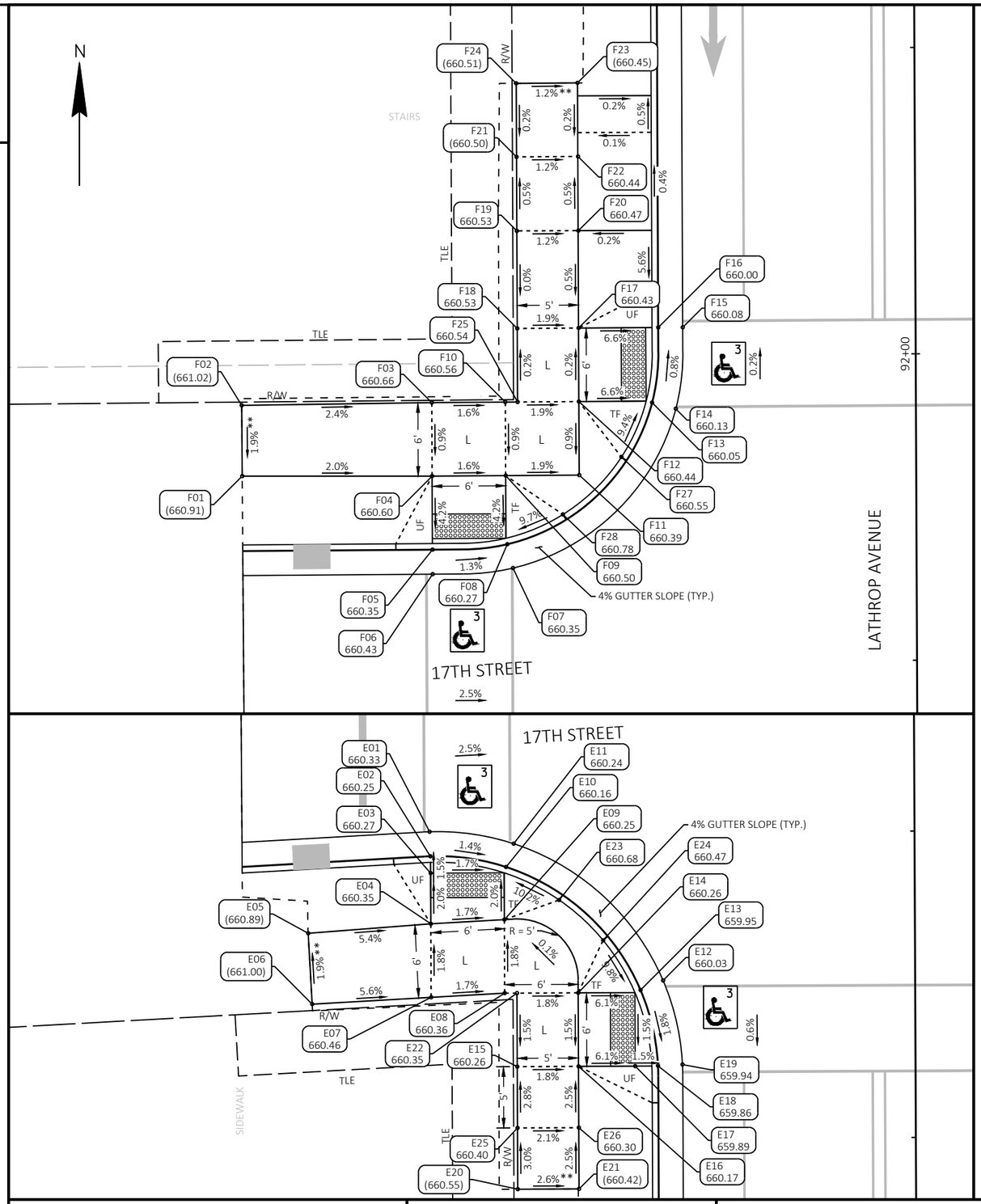


STATION & OFFSET TABLE					
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION
C01	85+18.86	19.00 RT	179278.80	628414.87	654.19
C02	85+24.93	19.00 RT	179284.87	628414.88	654.29
C03	85+18.86	21.50 RT	179278.79	628417.37	654.12
C04	85+24.89	21.50 RT	179284.83	628417.38	654.22
C05	85+18.92	22.13 RT	179278.86	628418.00	654.13
C06	85+19.45	27.16 RT	179279.38	628423.03	654.34
C07	85+25.48	27.13 RT	179285.41	628423.01	654.44
C08	85+05.01	26.63 RT	179264.94	628422.49	(654.49)
C09	85+05.00	32.55 RT	179264.93	628428.41	(654.64)
C10	85+19.48	33.16 RT	179279.41	628429.03	654.43
C11	85+26.10	33.13 RT	179286.03	628429.01	654.53
C12	85+37.18	25.70 RT	179297.11	628421.58	654.44

STATION & OFFSET TABLE					
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION
C13	85+35.10	27.09 RT	179295.03	628422.97	654.37
C14	85+32.10	27.10 RT	179292.04	628422.98	654.39
C15	85+32.13	33.10 RT	179292.06	628428.98	654.48
C16	85+35.13	33.09 RT	179295.06	628428.97	654.46
C17	85+39.64	32.82 RT	179299.57	628428.70	654.52
C18	85+37.16	33.08 RT	179297.09	628428.96	654.45
C19	85+33.91	50.19 RT	179293.83	628446.08	(654.94)
C20	85+27.95	50.82 RT	179287.86	628446.69	(655.03)
C21	85+26.26	39.47 RT	179286.19	628435.34	654.71
C22	85+25.65	33.63 RT	179285.58	628429.51	655.03
C23	85+19.47	33.66 RT	179279.40	628429.53	654.93
C24	85+12.22	33.33 RT	179272.14	628429.20	654.54

PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	CURB RAMP DETAILS	SHEET 20	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\021301-CR.DWG
LAYOUT NAME - 021302-cr
PLOT DATE : 7/30/2026 10:19 AM
PLOT BY : WRIGHT, BRANDON
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42



STATION & OFFSET TABLE					
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION
F01	91+90.26	54.99 LT	179949.96	628338.11	(660.91)
F02	91+96.04	55.01 LT	179955.74	628338.06	(661.02)
F03	91+96.19	39.50 LT	179955.96	628353.57	660.66
F04	91+90.19	39.50 LT	179949.96	628353.60	660.60
F05	91+84.19	39.50 LT	179943.96	628353.63	660.35
F06	91+82.19	39.49 LT	179941.96	628353.64	660.43
F07	91+82.66	32.94 LT	179942.46	628360.20	660.35
F08	91+84.61	33.39 LT	179944.41	628359.74	660.27
F09	91+90.21	33.50 LT	179950.00	628359.60	660.50
F10	91+96.21	33.50 LT	179956.00	628359.57	660.56
F11	91+90.22	27.50 LT	179950.04	628365.60	660.39
F12	91+96.22	27.50 LT	179956.04	628365.57	660.44
F13	91+96.11	21.53 LT	179955.96	628371.54	660.05
F14	91+95.60	19.60 LT	179955.46	628373.48	660.13

STATION & OFFSET TABLE					
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION
F15	92+02.24	19.00 LT	179962.10	628374.05	660.08
F16	92+02.24	21.00 LT	179962.09	628372.05	660.00
F17	92+02.22	27.50 LT	179962.04	628365.55	660.43
F18	92+02.21	32.50 LT	179962.01	628360.55	660.53
F19	92+10.17	32.50 LT	179969.97	628360.51	660.53
F20	92+10.17	27.48 LT	179969.99	628365.53	660.47
F21	92+16.21	32.50 LT	179976.01	628360.48	(660.50)
F22	92+16.22	27.48 LT	179976.04	628365.50	660.44
F23	92+22.22	27.50 LT	179982.04	628365.46	(660.45)
F24	92+22.21	32.50 LT	179982.01	628360.46	(660.51)
F25	91+96.21	32.50 LT	179956.01	628360.57	660.54
F26	92+22.21	21.50 LT	179982.06	628371.46	660.43
F27	91+91.68	24.05 LT	179951.52	628369.04	660.55
F28	91+87.02	28.84 LT	179946.83	628364.27	660.78

LEGEND

X	CURB RAMP TYPE X
L	LANDING
**	MATCH EXISTING SLOPE
(XXX.XX)	MATCH EXISTING ELEVATION
– – – –	SLOPE INTERCEPT
UF	UNPAVED - 6:1 NONTRAVERSABLE FLARE; CURB HEAD TRANSITION REQ'D
PF	PAVED - 6:1 NONTRAVERSABLE FLARE; CURB HEAD TRANSITION REQ'D
TF	10:1 TRAVERSABLE FLARE; CURB HEAD TRANSITION REQ'D

STATION & OFFSET TABLE					
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION
E01	91+50.11	39.57 LT	179909.88	628353.70	660.33
E02	91+48.11	39.51 LT	179907.88	628353.77	660.25
E03	91+46.73	39.50 LT	179906.50	628353.79	660.27
E04	91+42.60	39.50 LT	179902.37	628353.81	660.35
E05	91+41.87	49.51 LT	179901.60	628343.80	(660.89)
E06	91+36.09	49.21 LT	179895.82	628344.13	(661.00)
E07	91+36.60	39.50 LT	179896.37	628353.83	660.46
E08	91+36.92	33.50 LT	179896.71	628359.83	660.36
E09	91+42.92	33.50 LT	179902.71	628359.81	660.25
E10	91+47.21	33.34 LT	179907.00	628359.94	660.16
E11	91+49.11	32.71 LT	179908.90	628360.56	660.24
E12	91+37.90	20.57 LT	179897.75	628372.75	660.03
E13	91+37.12	22.42 LT	179896.96	628370.91	659.95

STATION & OFFSET TABLE					
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION
E14	91+36.92	27.50 LT	179896.74	628365.83	660.26
E15	91+30.92	32.50 LT	179890.72	628360.86	660.26
E16	91+30.92	27.50 LT	179890.74	628365.86	660.17
E17	91+30.92	22.87 LT	179890.76	628370.48	659.89
E18	91+30.94	21.02 LT	179890.79	628372.34	659.86
E19	91+31.03	19.02 LT	179890.89	628374.34	659.94
E20	91+20.92	32.50 LT	179880.72	628360.90	(660.55)
E21	91+20.92	27.50 LT	179880.74	628365.90	(660.42)
E22	91+36.92	32.50 LT	179896.72	628360.83	660.35
E23	91+44.50	29.03 LT	179904.31	628364.27	660.68
E24	91+41.20	25.45 LT	179901.03	628367.86	660.47
E25	91+25.92	32.50 LT	179885.72	628360.88	660.40
E26	91+25.92	27.50 LT	179885.74	628365.88	660.30

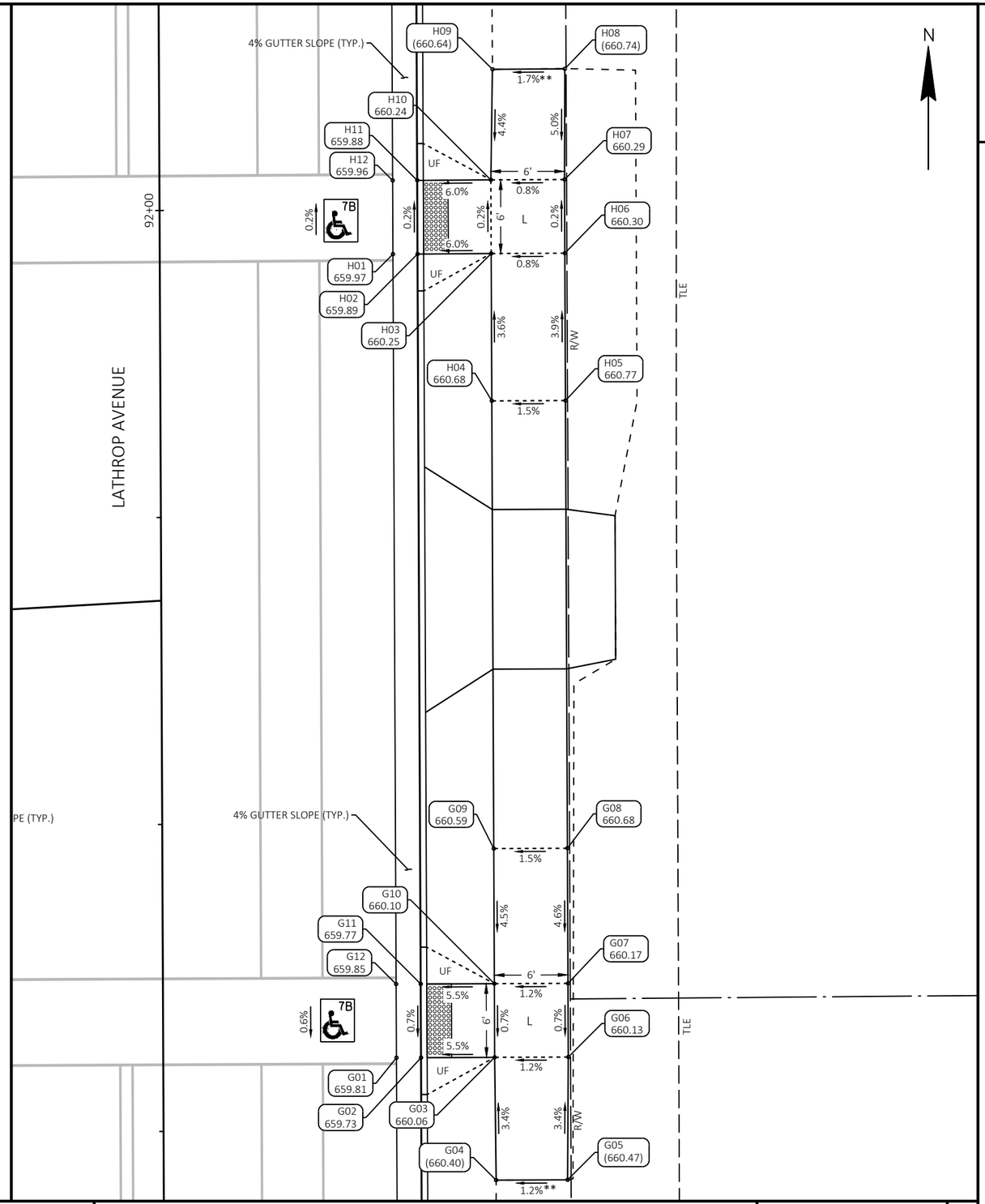
PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	CURB RAMP DETAILS	SHEET 21	E

STATION & OFFSET TABLE					
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION
H01	91+96.36	19.00 RT	179956.39	628412.07	659.97
H02	91+96.37	21.00 RT	179956.40	628414.07	659.89
H03	91+96.38	27.00 RT	179956.44	628420.07	660.25
H04	91+84.38	27.00 RT	179944.44	628420.12	660.68
H05	91+84.38	33.00 RT	179944.46	628426.12	660.77
H06	91+96.38	33.00 RT	179956.46	628426.07	660.30
H07	92+02.38	33.00 RT	179962.46	628426.04	660.29
H08	92+11.39	33.07 RT	179971.48	628426.07	(660.74)
H09	92+11.38	27.17 RT	179971.44	628420.18	(660.64)
H10	92+02.38	27.00 RT	179962.44	628420.04	660.24
H11	92+02.36	21.00 RT	179962.39	628414.05	659.88
H12	92+02.36	19.00 RT	179962.39	628412.05	659.96

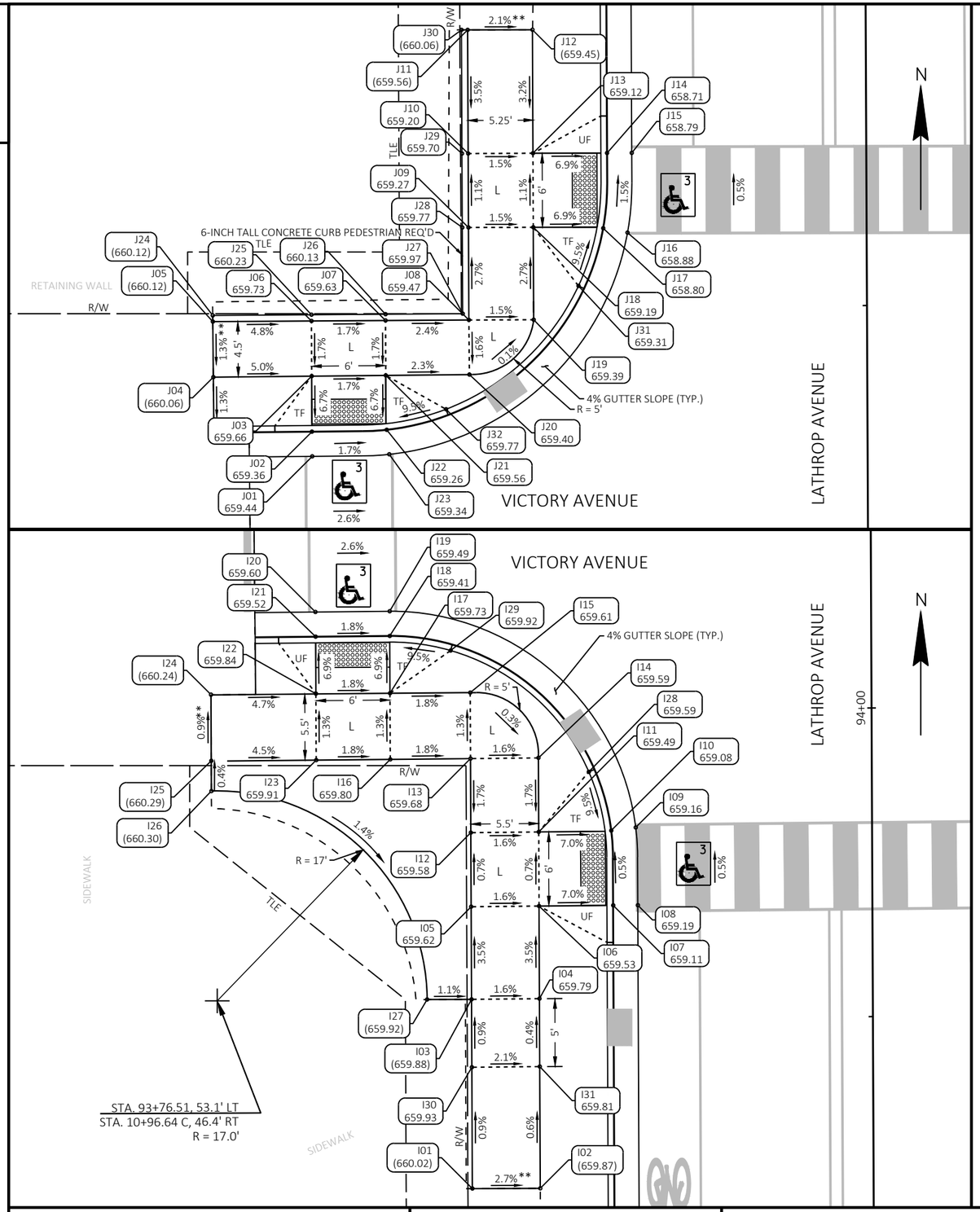
STATION & OFFSET TABLE					
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION
G01	91+30.92	19.00 RT	179890.94	628412.36	659.81
G02	91+30.92	21.00 RT	179890.95	628414.36	659.73
G03	91+30.92	27.00 RT	179890.98	628420.36	660.06
G04	91+20.92	27.07 RT	179880.98	628420.48	(660.40)
G05	91+20.92	32.90 RT	179881.00	628426.30	(660.47)
G06	91+30.92	33.00 RT	179891.00	628426.36	660.13
G07	91+36.92	33.00 RT	179897.00	628426.33	660.17
G08	91+47.92	33.00 RT	179908.00	628426.28	660.68
G09	91+47.92	27.00 RT	179907.98	628420.28	660.59
G10	91+36.92	27.00 RT	179896.98	628420.33	660.10
G11	91+36.92	21.00 RT	179896.95	628414.33	659.77
G12	91+36.92	19.00 RT	179896.94	628412.33	659.85

LEGEND

X	CURB RAMP TYPE X
L	LANDING
**	MATCH EXISTING SLOPE
(XXX.XX)	MATCH EXISTING ELEVATION
- - - - -	SLOPE INTERCEPT
UF	UNPAVED - 6:1 NONTRAVERSABLE FLARE; CURB HEAD TRANSITION REQ'D
PF	PAVED - 6:1 NONTRAVERSABLE FLARE; CURB HEAD TRANSITION REQ'D
TF	10:1 TRAVERSABLE FLARE; CURB HEAD TRANSITION REQ'D



PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	CURB RAMP DETAILS	SHEET 22	E



STATION & OFFSET TABLE					
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION
J01	94+37.97	44.99 LT	180197.71	628347.03	659.44
J02	94+39.97	45.00 LT	180199.71	628347.00	659.36
J03	94+44.47	45.00 LT	180204.21	628346.99	659.66
J04	94+44.43	52.97 LT	180204.14	628339.02	(660.06)
J05	94+48.93	52.99 LT	180208.64	628338.97	(660.12)
J06	94+48.94	45.00 LT	180208.68	628346.97	659.73
J07	94+48.95	39.00 LT	180208.72	628352.97	659.63
J08	94+48.97	32.25 LT	180208.76	628359.72	659.47
J09	94+56.46	32.25 LT	180216.26	628359.68	659.27
J10	94+62.45	32.25 LT	180222.25	628359.66	659.20
J11	94+72.46	32.25 LT	180232.26	628359.61	(659.56)
J12	94+72.45	27.00 LT	180232.27	628364.86	(659.45)
J13	94+62.45	27.00 LT	180222.27	628364.91	659.12
J14	94+62.44	21.00 LT	180222.29	628370.91	658.71
J15	94+62.44	19.00 LT	180222.29	628372.91	658.79
J16	94+55.98	19.37 LT	180215.84	628372.57	658.88

STATION & OFFSET TABLE					
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION
J17	94+56.35	21.34 LT	180216.19	628370.60	658.80
J18	94+56.45	27.00 LT	180216.27	628364.93	659.19
J19	94+48.97	27.00 LT	180208.78	628364.97	659.39
J20	94+44.55	32.23 LT	180204.34	628359.76	659.40
J21	94+44.51	39.00 LT	180204.27	628352.99	659.56
J22	94+40.10	38.95 LT	180199.87	628353.06	659.26
J23	94+38.11	38.74 LT	180197.88	628353.27	659.34
J24	94+49.43	53.00 LT	180209.14	628338.97	(660.12)
J25	94+49.45	45.00 LT	180209.19	628346.96	660.23
J26	94+49.46	39.00 LT	180209.23	628352.96	660.13
J27	94+49.48	32.75 LT	180209.27	628359.21	659.97
J28	94+56.46	32.75 LT	180216.26	628359.18	659.77
J29	94+62.45	32.75 LT	180222.25	628359.16	659.70
J30	94+72.46	32.75 LT	180232.26	628359.11	(660.06)
J31	94+51.69	23.36 LT	180211.52	628368.59	659.31
J32	94+41.75	34.13 LT	180201.53	628357.87	659.77

STATION & OFFSET TABLE					
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION
I01	93+61.21	32.50 LT	180121.01	628359.85	(660.02)
I02	93+61.21	27.00 LT	180121.03	628365.35	(659.87)
I03	93+76.54	32.50 LT	180136.34	628359.78	(659.88)
I04	93+76.57	27.00 LT	180136.39	628365.28	659.79
I05	93+84.04	32.50 LT	180143.84	628359.75	659.62
I06	93+84.07	27.00 LT	180143.89	628365.25	659.53
I07	93+84.10	21.00 LT	180143.95	628371.25	659.11
I08	93+84.10	19.00 LT	180143.96	628373.25	659.19
I09	93+90.40	19.14 LT	180150.26	628373.08	659.16
I10	93+90.16	21.13 LT	180150.01	628371.09	659.08
I11	93+90.07	27.00 LT	180149.89	628365.22	659.49
I12	93+90.04	32.50 LT	180149.84	628359.72	659.58
I13	93+96.04	32.50 LT	180155.84	628359.70	659.68
I14	93+96.07	27.00 LT	180155.89	628365.20	659.59
I15	94+01.38	32.50 LT	180161.18	628359.67	659.61
I16	93+96.01	39.00 LT	180155.77	628353.20	659.80
I17	94+01.37	39.00 LT	180161.13	628353.17	659.73
I18	94+06.01	39.00 LT	180165.77	628353.15	659.41
I19	94+08.01	39.00 LT	180167.77	628353.15	659.49
I20	94+07.97	45.01 LT	180167.71	628347.13	659.60
I21	94+05.97	45.00 LT	180165.71	628347.15	659.52

STATION & OFFSET TABLE					
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION
I22	94+01.35	45.00 LT	180161.09	628347.17	659.84
I23	93+95.97	45.00 LT	180155.72	628347.20	659.91
I24	94+01.31	53.50 LT	180161.02	628338.67	(660.24)
I25	93+95.95	53.50 LT	180155.65	628338.70	(660.29)
I26	93+93.50	53.50 LT	180153.21	628338.71	(660.30)
I27	93+76.54	36.10 LT	180136.32	628356.18	(659.92)
I28	93+94.93	22.93 LT	180154.77	628369.28	659.59
I29	94+04.80	34.08 LT	180164.59	628358.08	659.92
I30	93+71.04	32.50 LT	180130.84	628359.81	659.93
I31	93+71.07	27.00 LT	180130.89	628365.31	659.81

LEGEND

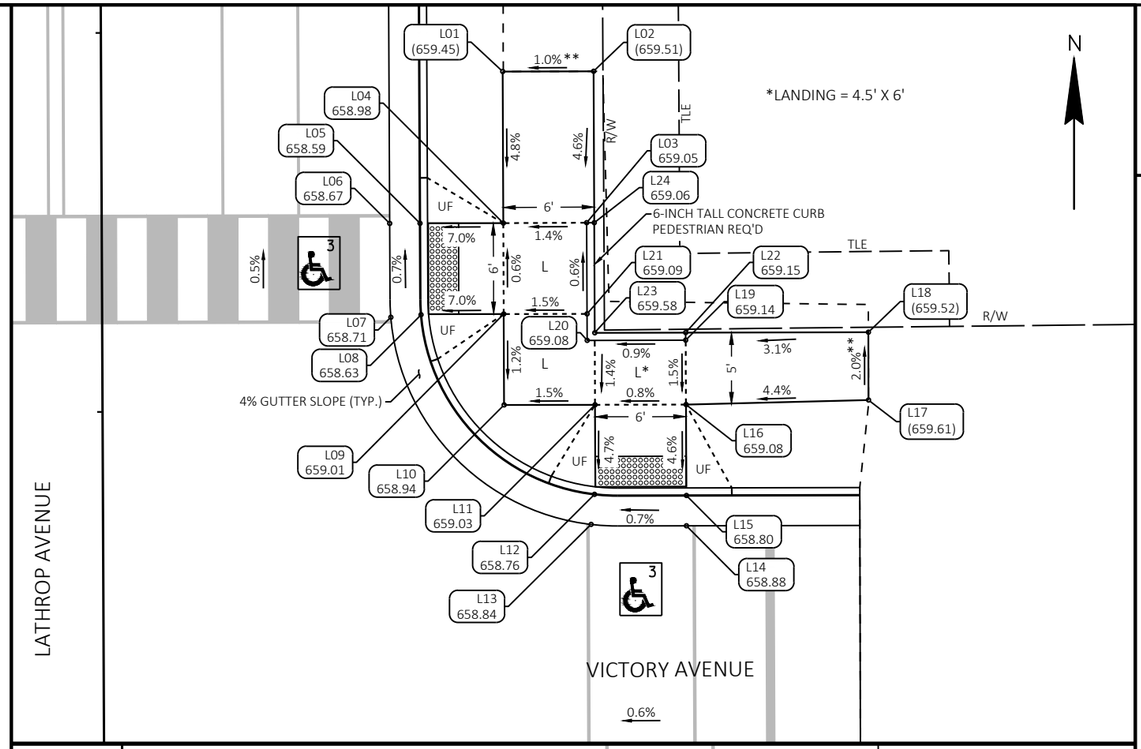
X	CURB RAMP TYPE X
L	LANDING
**	MATCH EXISTING SLOPE
(XXX.XX)	MATCH EXISTING ELEVATION
- - - -	SLOPE INTERCEPT
UF	UNPAVED - 6:1 NONTRAVERSABLE FLARE; CURB HEAD TRANSITION REQ'D
PF	PAVED - 6:1 NONTRAVERSABLE FLARE; CURB HEAD TRANSITION REQ'D
TF	10:1 TRAVERSABLE FLARE; CURB HEAD TRANSITION REQ'D

STATION & OFFSET TABLE					
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION
L01	94+72.34	26.50 RT	180232.39	628418.36	(659.45)
L02	94+72.32	32.50 RT	180232.40	628424.36	(659.51)
L03	94+62.34	32.00 RT	180222.42	628423.91	659.05
L04	94+62.34	26.50 RT	180222.39	628418.41	658.98
L05	94+62.35	21.00 RT	180222.38	628412.91	658.59
L06	94+62.35	19.00 RT	180222.37	628410.91	658.67
L07	94+56.15	19.05 RT	180216.17	628410.98	658.71
L08	94+56.31	21.04 RT	180216.34	628412.97	658.63
L09	94+56.34	26.50 RT	180216.39	628418.43	659.01
L10	94+50.34	26.50 RT	180210.39	628418.46	658.94
L11	94+50.32	32.50 RT	180210.41	628424.46	659.03
L12	94+44.42	32.44 RT	180204.50	628424.43	658.76

STATION & OFFSET TABLE					
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION
L13	94+42.43	32.20 RT	180202.51	628424.19	658.84
L14	94+42.31	38.49 RT	180202.42	628430.49	658.88
L15	94+44.31	38.50 RT	180204.42	628430.48	658.80
L16	94+50.31	38.50 RT	180210.42	628430.46	659.08
L17	94+50.56	50.54 RT	180210.72	628442.50	(659.61)
L18	94+55.04	50.56 RT	180215.20	628442.50	(659.52)
L19	94+54.56	38.50 RT	180214.67	628430.44	659.14
L20	94+54.58	32.00 RT	180214.65	628423.94	659.08
L21	94+56.33	32.00 RT	180216.40	628423.93	659.09
L22	94+55.06	38.50 RT	180215.17	628430.44	659.15
L23	94+55.07	32.50 RT	180215.15	628424.44	659.58
L24	94+62.34	32.50 RT	180222.42	628424.41	659.06

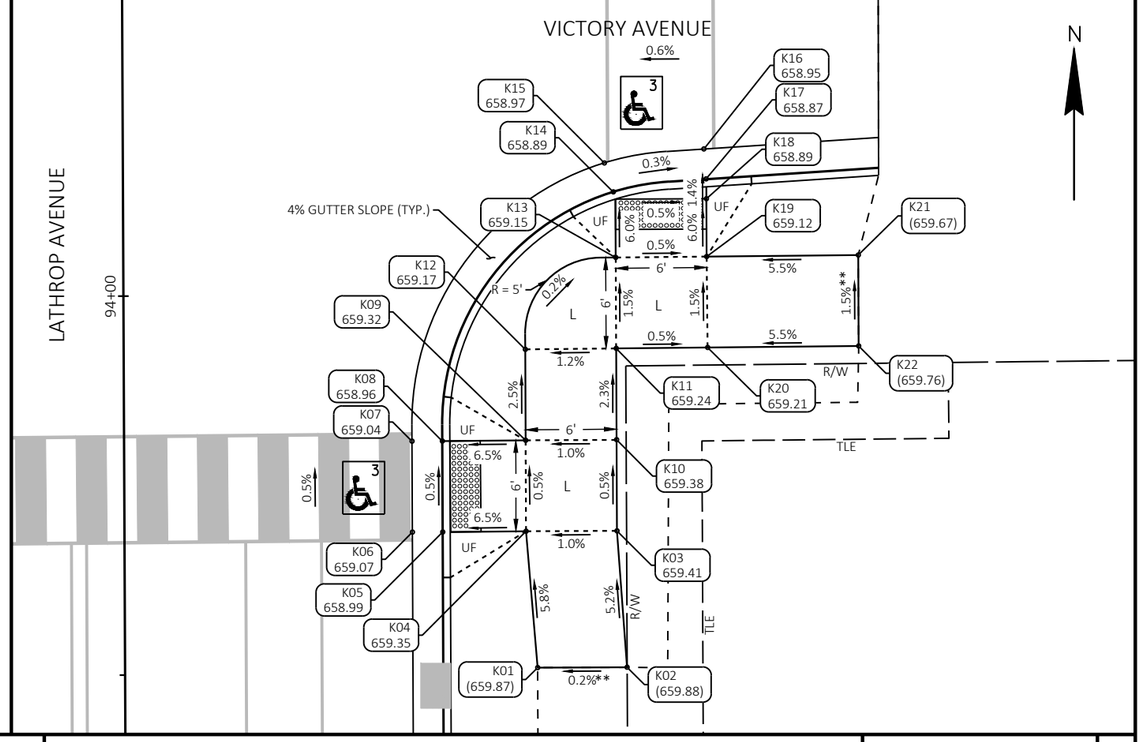
LEGEND

X	CURB RAMP TYPE X
L	LANDING
**	MATCH EXISTING SLOPE
(XXX.XX)	MATCH EXISTING ELEVATION
- - - - -	SLOPE INTERCEPT
UF	UNPAVED - 6:1 NONTRAVERSABLE FLARE; CURB HEAD TRANSITION REQ'D
PF	PAVED - 6:1 NONTRAVERSABLE FLARE; CURB HEAD TRANSITION REQ'D
TF	10:1 TRAVERSABLE FLARE; CURB HEAD TRANSITION REQ'D



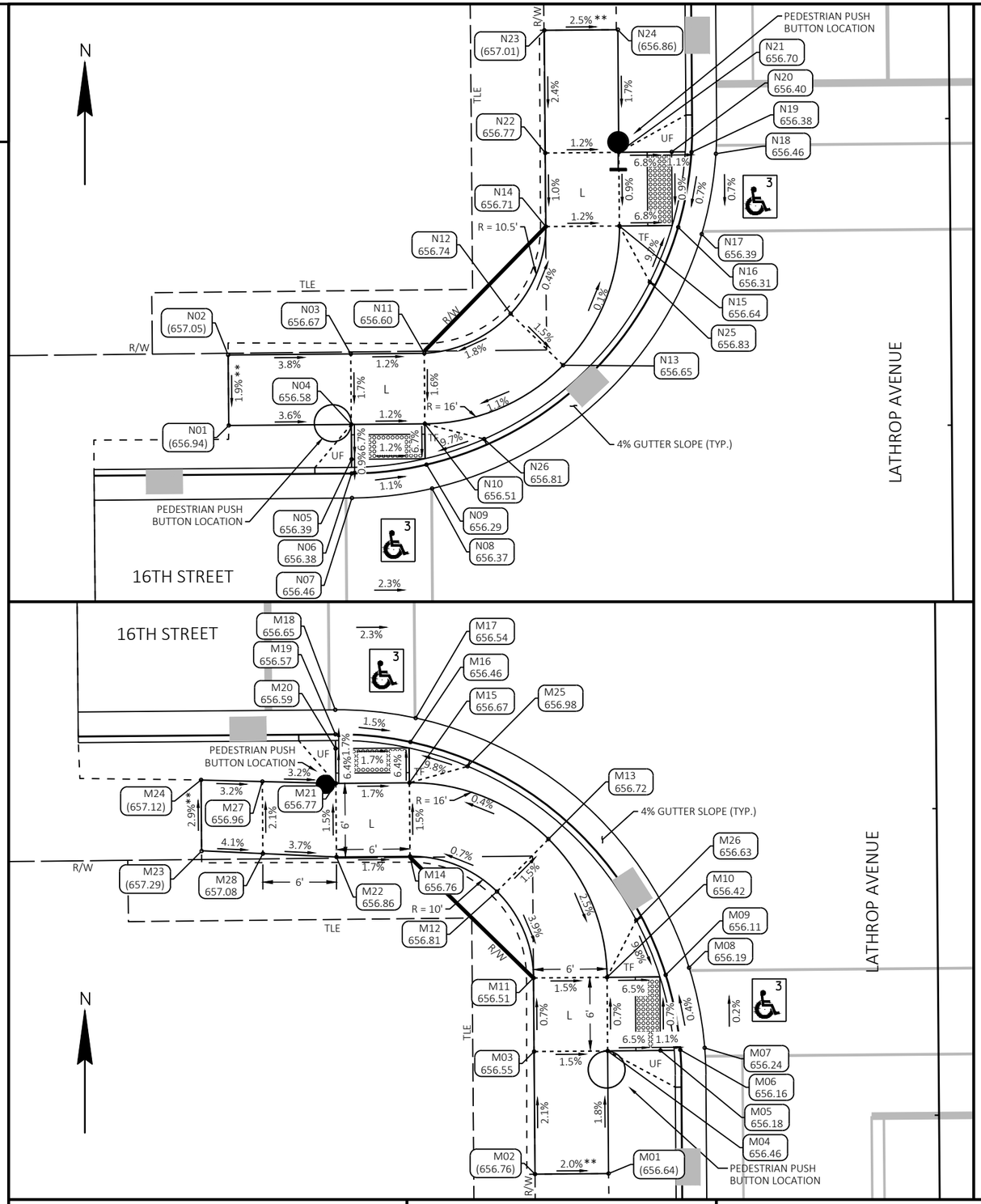
STATION & OFFSET TABLE					
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION
K01	93+75.37	27.23 RT	180135.43	628419.52	(659.87)
K02	93+75.37	33.13 RT	180135.46	628425.42	(659.88)
K03	93+84.37	32.50 RT	180144.45	628424.75	659.41
K04	93+84.37	26.50 RT	180144.43	628418.75	659.35
K05	93+84.35	21.00 RT	180144.38	628413.25	658.99
K06	93+84.35	19.00 RT	180144.37	628411.25	659.07
K07	93+90.35	19.00 RT	180150.37	628411.22	659.04
K08	93+90.34	21.00 RT	180150.37	628413.22	658.96
K09	93+90.37	26.50 RT	180150.43	628418.72	659.32
K10	93+90.39	32.50 RT	180150.47	628424.72	659.38
K11	93+96.41	32.50 RT	180156.49	628424.70	659.24

STATION & OFFSET TABLE					
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION
K12	93+96.37	26.50 RT	180156.43	628418.70	659.17
K13	94+02.41	32.50 RT	180162.49	628424.67	659.15
K14	94+06.73	32.35 RT	180166.81	628424.51	658.89
K15	94+08.65	31.77 RT	180168.72	628423.92	658.97
K16	94+09.54	38.35 RT	180169.65	628430.48	658.95
K17	94+07.57	38.48 RT	180167.68	628430.63	658.87
K18	94+06.25	38.50 RT	180166.36	628430.65	658.89
K19	94+02.44	38.50 RT	180162.55	628430.67	659.12
K20	93+96.44	38.53 RT	180156.55	628430.73	659.21
K21	94+02.50	48.50 RT	180162.65	628440.67	(659.67)
K22	93+96.50	48.50 RT	180156.65	628440.70	(659.76)



PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	CURB RAMP DETAILS	SHEET 24	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\021301-CR.DWG
LAYOUT NAME - 021306-cr
PLOT DATE : 7/30/2026 10:20 AM
PLOT BY : WRIGHT, BRANDON
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42



STATION & OFFSET TABLE					
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION
N01	99+25.43	59.00 LT	180684.90	628329.61	(656.94)
N02	99+31.18	59.00 LT	180690.65	628329.56	(657.05)
N03	99+31.19	49.00 LT	180690.73	628339.57	656.67
N04	99+25.44	49.00 LT	180684.98	628339.61	656.58
N05	99+22.60	49.00 LT	180682.14	628339.63	656.39
N06	99+21.44	49.00 LT	180680.98	628339.64	656.38
N07	99+19.44	49.00 LT	180678.98	628339.66	656.46
N08	99+20.16	42.45 LT	180679.75	628346.20	656.37
N09	99+22.11	42.89 LT	180681.70	628345.74	656.29
N10	99+25.44	43.00 LT	180685.03	628345.61	656.51
N11	99+31.19	43.00 LT	180690.78	628345.56	656.60
N12	99+34.37	35.93 LT	180694.02	628352.61	656.74
N13	99+30.13	31.68 LT	180689.81	628356.89	656.65

STATION & OFFSET TABLE					
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION
N14	99+41.45	33.00 LT	180701.12	628355.48	656.71
N15	99+41.45	27.00 LT	180701.17	628361.48	656.64
N16	99+41.31	22.21 LT	180701.06	628366.28	656.31
N17	99+40.73	20.29 LT	180700.50	628368.20	656.39
N18	99+47.28	19.08 LT	180707.05	628369.36	656.46
N19	99+47.42	21.07 LT	180707.18	628367.36	656.38
N20	99+47.46	22.69 LT	180707.20	628365.75	656.40
N21	99+47.45	27.00 LT	180707.17	628361.44	656.70
N22	99+47.45	33.00 LT	180707.12	628355.44	656.77
N23	99+57.45	33.00 LT	180717.12	628355.36	(657.01)
N24	99+57.45	27.00 LT	180717.17	628361.36	(656.86)
N25	99+36.85	24.55 LT	180696.58	628363.97	656.83
N26	99+24.16	38.17 LT	180683.79	628350.45	656.81

LEGEND

X	CURB RAMP TYPE X
L	LANDING
**	MATCH EXISTING SLOPE
(XXX.XX)	MATCH EXISTING ELEVATION
- - - -	SLOPE INTERCEPT
UF	UNPAVED - 6:1 NONTRAVERSABLE FLARE; CURB HEAD TRANSITION REQ'D
PF	PAVED - 6:1 NONTRAVERSABLE FLARE; CURB HEAD TRANSITION REQ'D
TF	10:1 TRAVERSABLE FLARE; CURB HEAD TRANSITION REQ'D

STATION & OFFSET TABLE					
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION
M01	98+45.45	27.00 LT	180605.17	628362.23	(656.64)
M02	98+45.45	33.00 LT	180605.12	628356.23	(656.76)
M03	98+55.45	33.00 LT	180615.12	628356.16	656.55
M04	98+55.45	27.00 LT	180615.17	628362.16	656.46
M05	98+55.46	22.69 LT	180615.21	628366.47	656.18
M06	98+55.49	21.08 LT	180615.26	628368.08	656.16
M07	98+55.64	19.08 LT	180615.42	628370.07	656.24
M08	98+62.19	20.30 LT	180621.95	628368.80	656.19
M09	98+61.60	22.22 LT	180621.36	628366.89	656.11
M10	98+61.45	27.00 LT	180621.17	628362.11	656.42
M11	98+61.45	33.00 LT	180621.12	628356.11	656.51
M12	98+68.52	35.93 LT	180628.16	628353.12	656.81
M13	98+72.76	31.69 LT	180632.44	628357.33	656.72
M14	98+71.45	43.00 LT	180631.04	628346.03	656.76

STATION & OFFSET TABLE					
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION
M15	98+77.44	43.00 LT	180637.03	628345.98	656.67
M16	98+80.76	42.89 LT	180640.36	628346.07	656.46
M17	98+82.72	42.45 LT	180642.31	628346.49	656.54
M18	98+83.44	49.00 LT	180642.98	628339.94	656.65
M19	98+81.44	49.00 LT	180640.98	628339.95	656.57
M20	98+80.28	49.00 LT	180639.82	628339.96	656.59
M21	98+77.44	49.00 LT	180636.98	628339.98	656.77
M22	98+71.44	49.00 LT	180630.99	628340.03	656.86
M23	98+72.01	60.00 LT	180631.47	628329.03	(657.29)
M24	98+77.81	60.00 LT	180637.27	628328.98	(657.12)
M25	98+78.75	38.24 LT	180638.37	628350.73	656.98
M26	98+66.09	24.58 LT	180625.82	628364.49	656.63
M27	98+77.63	55.00 LT	180637.13	628333.98	656.96
M28	98+71.76	55.00 LT	180631.26	628334.03	657.08

PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	CURB RAMP DETAILS	SHEET 25	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\021301-CR.DWG
LAYOUT NAME - 021307-cr
PLOT DATE : 7/30/2026 10:20 AM
PLOT BY : WRIGHT, BRANDON
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

STATION & OFFSET TABLE					
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION
P01	99+25.51	59.44 RT	180685.90	628448.04	(656.29)
P02	99+31.51	59.44 RT	180691.90	628448.00	(656.33)
P03	99+31.51	48.44 RT	180691.81	628437.00	655.86
P04	99+25.51	48.44 RT	180685.81	628437.05	655.80
P05	99+22.80	48.44 RT	180683.11	628437.07	655.62
P06	99+21.51	48.43 RT	180681.82	628437.07	655.60
P07	99+19.51	48.39 RT	180679.82	628437.04	655.68
P08	99+20.37	41.84 RT	180680.62	628430.49	655.80
P09	99+22.31	42.32 RT	180682.57	628430.95	655.72
P10	99+25.50	42.44 RT	180685.76	628431.05	655.93
P11	99+31.50	42.45 RT	180691.76	628431.01	655.99
P12	99+34.43	35.37 RT	180694.63	628423.91	656.40
P13	99+30.18	31.13 RT	180690.35	628419.70	656.34
P14	99+41.49	32.44 RT	180701.67	628420.92	656.61
P15	99+41.50	26.44 RT	180701.63	628414.92	656.52

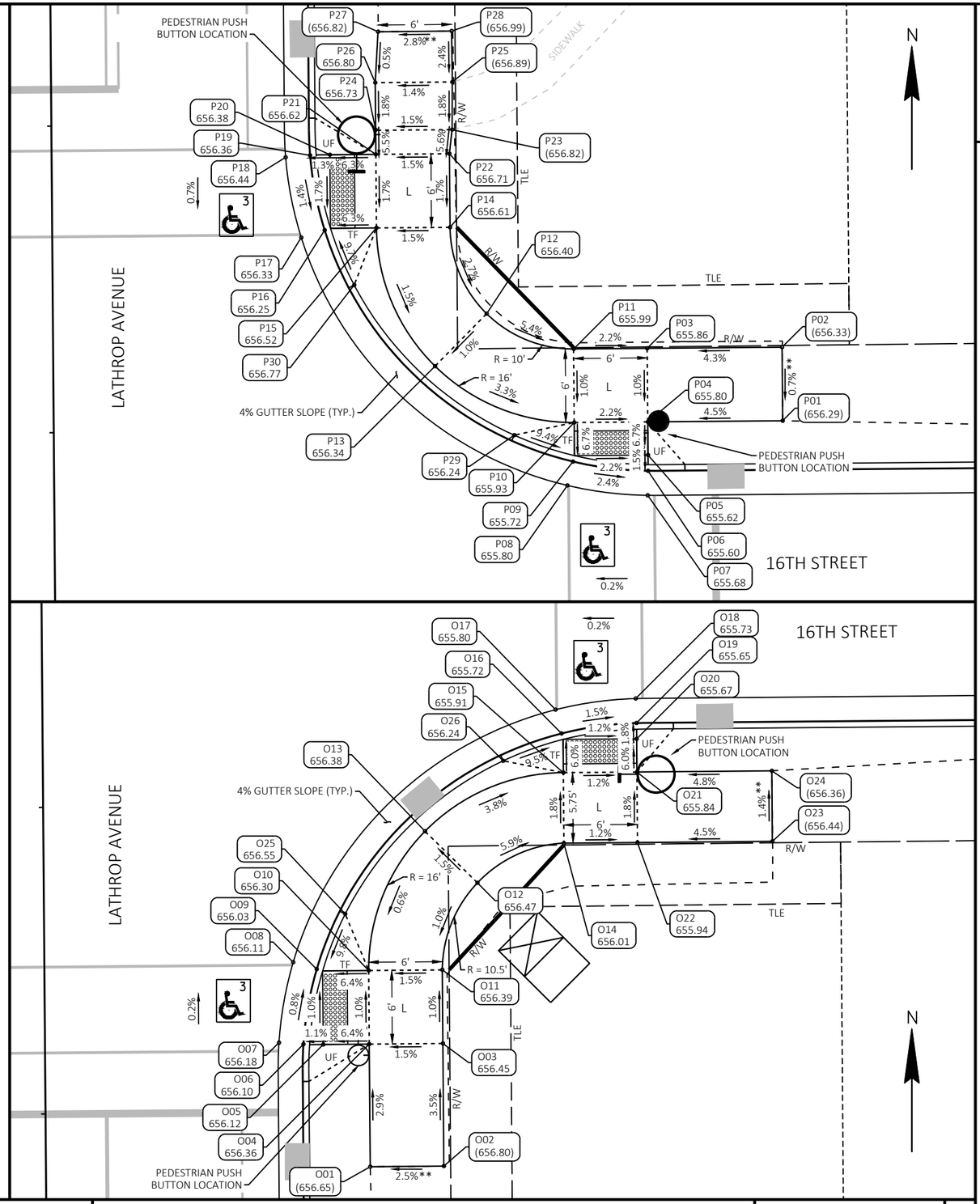
STATION & OFFSET TABLE					
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION
P16	99+41.34	22.22 RT	180701.44	628410.70	656.25
P17	99+40.76	20.30 RT	180700.84	628408.79	656.33
P18	99+47.30	19.08 RT	180707.38	628407.52	656.44
P19	99+47.45	21.08 RT	180707.54	628409.51	656.36
P20	99+47.49	22.69 RT	180707.59	628411.12	656.38
P21	99+47.49	26.43 RT	180707.62	628414.87	656.62
P22	99+47.49	32.44 RT	180707.67	628420.87	656.71
P23	99+49.45	32.67 RT	180709.63	628421.09	(656.82)
P24	99+49.49	26.45 RT	180709.62	628414.86	656.73
P25	99+53.34	32.72 RT	180713.52	628421.11	(656.89)
P26	99+53.34	26.44 RT	180713.47	628414.82	656.80
P27	99+57.49	26.69 RT	180717.62	628415.05	(656.82)
P28	99+57.49	32.69 RT	180717.67	628421.05	(656.99)
P29	99+24.51	37.54 RT	180684.73	628426.15	656.24
P30	99+36.85	24.59 RT	180696.96	628413.10	656.77

LEGEND

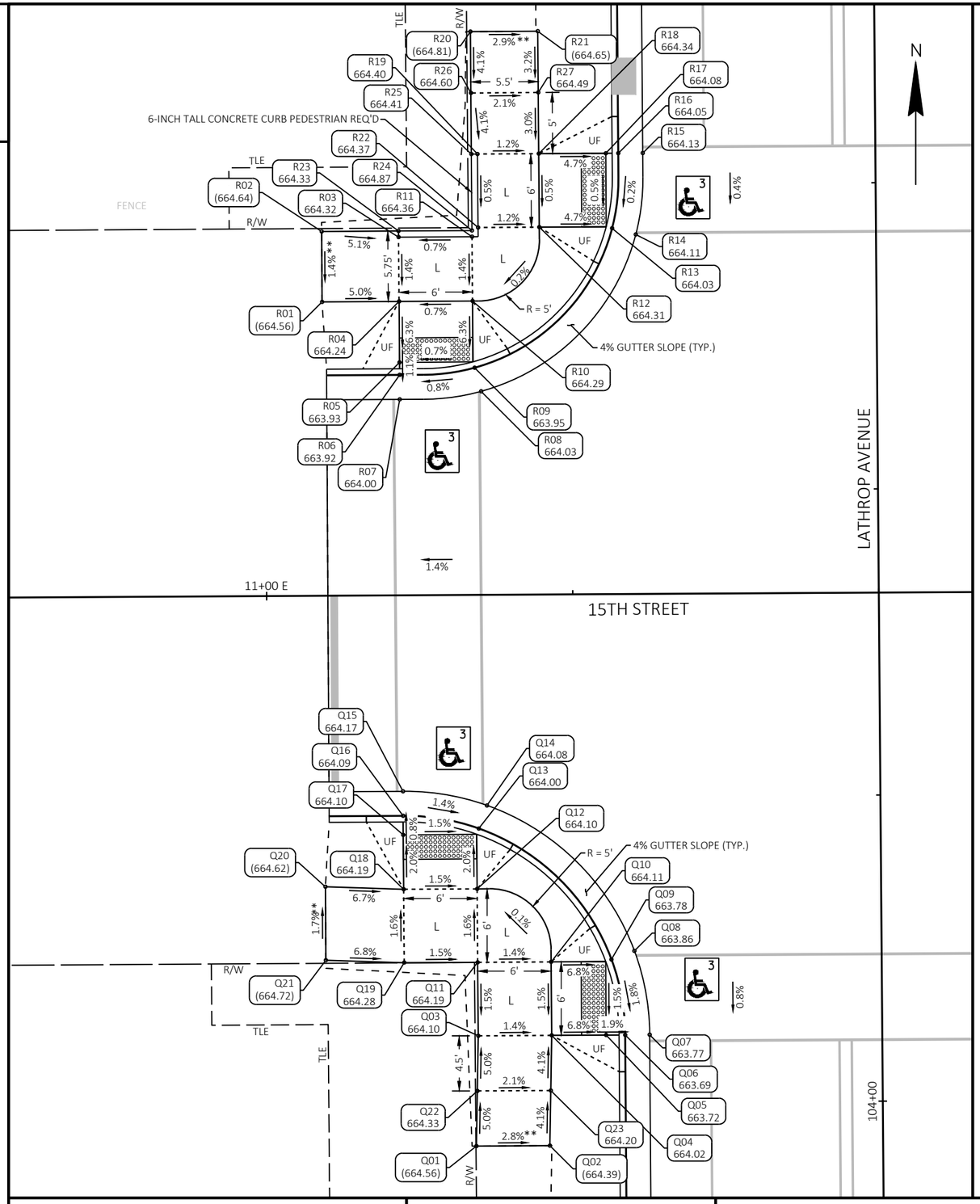
X	CURB RAMP TYPE X
L	LANDING
**	MATCH EXISTING SLOPE
(XXX.XX)	MATCH EXISTING ELEVATION
– – – –	SLOPE INTERCEPT
UF	UNPAVED - 6:1 NONTRAVERSABLE FLARE; CURB HEAD TRANSITION REQ'D
PF	PAVED - 6:1 NONTRAVERSABLE FLARE; CURB HEAD TRANSITION REQ'D
TF	10:1 TRAVERSABLE FLARE; CURB HEAD TRANSITION REQ'D

STATION & OFFSET TABLE					
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION
O01	98+45.49	26.45 RT	180605.63	628415.68	(656.65)
O02	98+45.49	32.44 RT	180605.68	628421.67	(656.80)
O03	98+55.49	32.44 RT	180615.68	628421.60	656.45
O04	98+55.49	26.44 RT	180615.62	628415.59	656.36
O05	98+55.49	22.69 RT	180615.59	628411.84	656.12
O06	98+55.52	21.07 RT	180615.62	628410.23	656.10
O07	98+55.67	19.08 RT	180615.74	628408.23	656.18
O08	98+62.21	20.29 RT	180622.30	628409.39	656.11
O09	98+61.63	22.21 RT	180621.73	628411.31	656.03
O10	98+61.49	26.44 RT	180621.62	628415.55	656.30
O11	98+61.50	32.44 RT	180621.68	628421.55	656.39
O12	98+68.57	35.37 RT	180628.77	628424.42	656.47
O13	98+72.81	31.12 RT	180632.98	628420.14	656.38

STATION & OFFSET TABLE					
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION
O14	98+71.75	42.44 RT	180632.01	628431.47	656.01
O15	98+77.50	42.44 RT	180637.76	628431.42	655.91
O16	98+80.70	42.32 RT	180640.96	628431.28	655.72
O17	98+82.64	41.84 RT	180642.89	628430.78	655.80
O18	98+83.50	48.39 RT	180643.80	628437.32	655.73
O19	98+81.50	48.43 RT	180641.81	628437.38	655.65
O20	98+80.21	48.44 RT	180640.52	628437.40	655.67
O21	98+77.51	48.44 RT	180637.81	628437.42	655.84
O22	98+71.76	48.44 RT	180632.06	628437.47	655.94
O23	98+71.76	59.44 RT	180632.15	628448.46	(656.44)
O24	98+77.51	59.44 RT	180637.90	628448.42	(656.36)
O25	98+66.12	24.56 RT	180626.24	628413.63	656.55
O26	98+78.51	37.54 RT	180638.73	628426.51	656.24



PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	CURB RAMP DETAILS	SHEET 26 E



STATION & OFFSET TABLE					
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION
R01	104+65.62	45.29 LT	181225.17	628339.10	(664.56)
R02	104+71.37	45.28 LT	181230.92	628339.07	(664.64)
R03	104+70.86	39.00 LT	181230.46	628345.35	664.32
R04	104+65.61	39.00 LT	181225.21	628345.39	664.24
R05	104+60.62	39.00 LT	181220.23	628345.43	663.93
R06	104+59.61	39.00 LT	181219.21	628345.43	663.92
R07	104+57.61	39.01 LT	181217.21	628345.44	664.00
R08	104+58.21	32.35 LT	181217.87	628352.09	664.03
R09	104+60.14	32.87 LT	181219.80	628351.56	663.95
R10	104+65.59	33.00 LT	181225.24	628351.39	664.29
R11	104+70.84	33.00 LT	181230.49	628351.35	664.36
R12	104+71.58	27.50 LT	181231.28	628356.84	664.31

STATION & OFFSET TABLE					
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION
R13	104+71.44	21.55 LT	181231.18	628362.79	664.03
R14	104+70.92	19.62 LT	181230.68	628364.73	664.11
R15	104+77.57	19.00 LT	181237.33	628365.29	664.13
R16	104+77.57	21.00 LT	181237.31	628363.29	664.05
R17	104+77.57	22.02 LT	181237.31	628362.27	664.08
R18	104+77.58	27.50 LT	181237.28	628356.79	664.34
R19	104+77.59	32.50 LT	181237.25	628351.79	664.40
R20	104+87.59	33.00 LT	181247.24	628351.21	(664.81)
R21	104+87.58	27.50 LT	181247.27	628356.71	(664.65)
R22	104+71.59	32.50 LT	181231.25	628351.84	664.37
R23	104+71.36	39.00 LT	181230.96	628345.34	664.33
R24	104+71.36	33.00 LT	181231.01	628351.34	664.87

LEGEND

X	CURB RAMP TYPE X
L	LANDING
**	MATCH EXISTING SLOPE
(XXX.XX)	MATCH EXISTING ELEVATION
– – – – –	SLOPE INTERCEPT
UF	UNPAVED - 6:1 NONTRAVERSABLE FLARE; CURB HEAD TRANSITION REQ'D
PF	PAVED - 6:1 NONTRAVERSABLE FLARE; CURB HEAD TRANSITION REQ'D
TF	10:1 TRAVERSABLE FLARE; CURB HEAD TRANSITION REQ'D

STATION & OFFSET TABLE					
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION
Q01	103+96.59	33.22 LT	181156.24	628351.71	(664.56)
Q02	103+96.58	27.22 LT	181156.28	628357.71	(664.39)
Q03	104+05.59	33.00 LT	181165.25	628351.86	664.10
Q04	104+05.58	27.00 LT	181165.28	628357.86	664.02
Q05	104+05.57	22.56 LT	181165.31	628362.30	663.72
Q06	104+05.57	21.00 LT	181165.32	628363.86	663.69
Q07	104+05.57	19.00 LT	181165.33	628365.86	663.77
Q08	104+12.42	20.20 LT	181172.18	628364.60	663.86
Q09	104+11.74	22.08 LT	181171.48	628362.73	663.78
Q10	104+11.58	27.00 LT	181171.28	628357.81	664.11
Q11	104+11.59	33.00 LT	181171.25	628351.81	664.19
Q12	104+17.59	33.00 LT	181177.25	628351.76	664.10

STATION & OFFSET TABLE					
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION
Q13	104+22.51	32.83 LT	181182.17	628351.89	664.00
Q14	104+24.39	32.14 LT	181184.05	628352.57	664.08
Q15	104+25.61	38.99 LT	181185.21	628345.70	664.17
Q16	104+23.61	39.00 LT	181183.21	628345.71	664.09
Q17	104+22.04	39.00 LT	181181.65	628345.73	664.10
Q18	104+17.61	39.00 LT	181177.21	628345.76	664.19
Q19	104+11.62	39.00 LT	181171.22	628345.81	664.28
Q20	104+17.86	45.39 LT	181177.42	628339.37	(664.62)
Q21	104+11.86	45.40 LT	181171.42	628339.41	(664.72)
Q22	104+01.09	33.11 LT	181160.75	628351.78	664.33
Q23	104+01.08	27.11 LT	181160.78	628357.78	664.20

PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	CURB RAMP DETAILS	SHEET 27	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\021301-CR.DWG
LAYOUT NAME - 021309-cr
PLOT DATE : 7/30/2026 10:21 AM
PLOT BY : WRIGHT, BRANDON
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

STATION & OFFSET TABLE					
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION
T01	104+71.42	50.06 RT	181231.72	628434.40	(664.37)
T02	104+65.92	50.05 RT	181226.22	628434.43	(664.42)
T03	104+65.46	32.50 RT	181225.62	628416.89	663.96
T04	104+62.45	32.50 RT	181222.62	628416.91	663.76
T05	104+59.55	32.44 RT	181219.71	628416.87	663.74
T06	104+57.56	32.20 RT	181217.72	628416.65	663.82
T07	104+60.45	25.00 RT	181220.56	628409.43	663.88
T08	104+62.05	26.20 RT	181222.17	628410.61	663.80
T09	104+65.47	26.51 RT	181225.58	628410.89	664.02
T10	104+71.47	26.50 RT	181231.58	628410.84	664.08
T11	104+71.44	21.04 RT	181231.51	628405.38	663.91
T12	104+71.28	19.05 RT	181231.34	628403.39	663.99
T13	104+77.48	19.00 RT	181237.54	628403.29	664.01

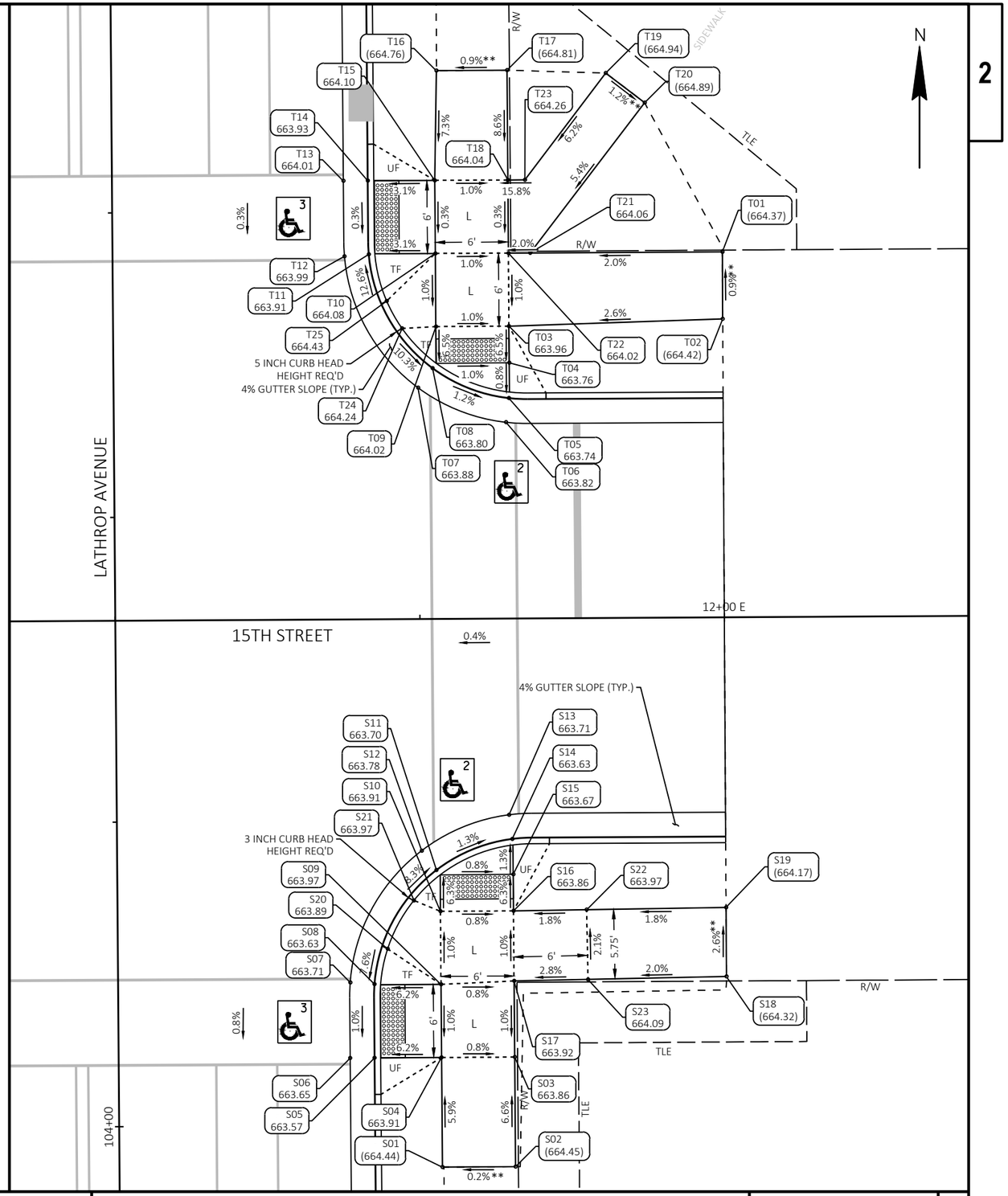
STATION & OFFSET TABLE					
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION
T14	104+77.48	21.00 RT	181237.56	628405.29	663.93
T15	104+77.47	26.50 RT	181237.58	628410.79	664.10
T16	104+86.47	26.70 RT	181246.58	628410.92	664.76
T17	104+86.46	32.50 RT	181246.62	628416.72	(664.81)
T18	104+77.46	32.50 RT	181237.62	628416.79	(664.04)
T19	104+86.17	40.61 RT	181246.39	628424.83	664.94
T20	104+83.71	43.78 RT	181243.96	628428.03	(664.89)
T21	104+71.46	34.29 RT	181231.63	628418.63	(664.06)
T22	104+71.46	32.50 RT	181231.62	628416.84	664.02
T23	104+77.46	33.90 RT	181237.63	628418.19	664.26
T24	104+65.33	23.73 RT	181225.43	628408.11	664.24
T25	104+67.59	22.48 RT	181227.68	628406.85	664.43

STATION & OFFSET TABLE					
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION
S01	103+96.47	26.50 RT	181156.59	628411.43	(664.44)
S02	103+96.46	32.50 RT	181156.62	628417.42	(664.45)
S03	104+05.46	32.50 RT	181165.62	628417.35	663.86
S04	104+05.47	26.49 RT	181165.59	628411.34	663.91
S05	104+05.48	21.00 RT	181165.55	628405.85	663.57
S06	104+05.48	19.00 RT	181165.54	628403.85	663.65
S07	104+11.68	19.05 RT	181171.74	628403.86	663.71
S08	104+11.52	21.04 RT	181171.60	628405.85	663.63
S09	104+11.47	26.50 RT	181171.59	628411.31	663.97
S10	104+17.47	26.50 RT	181177.59	628411.26	663.91
S11	104+20.85	26.20 RT	181180.97	628410.93	663.70
S12	104+22.45	25.00 RT	181182.56	628409.72	663.78

STATION & OFFSET TABLE					
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION
S13	104+25.34	32.20 RT	181185.51	628416.90	663.71
S14	104+23.36	32.44 RT	181183.52	628417.15	663.63
S15	104+20.45	32.50 RT	181180.62	628417.24	663.67
S16	104+17.46	32.50 RT	181177.62	628417.26	663.86
S17	104+11.71	32.50 RT	181171.87	628417.31	663.92
S18	104+11.93	49.94 RT	181172.23	628434.74	(664.32)
S19	104+17.60	49.95 RT	181177.90	628434.71	(664.17)
S20	104+14.42	22.15 RT	181174.50	628406.93	663.89
S21	104+18.38	24.33 RT	181178.48	628409.09	663.97
S22	104+17.50	38.50 RT	181177.72	628423.26	663.97
S23	104+11.78	38.57 RT	181172.00	628423.38	664.09

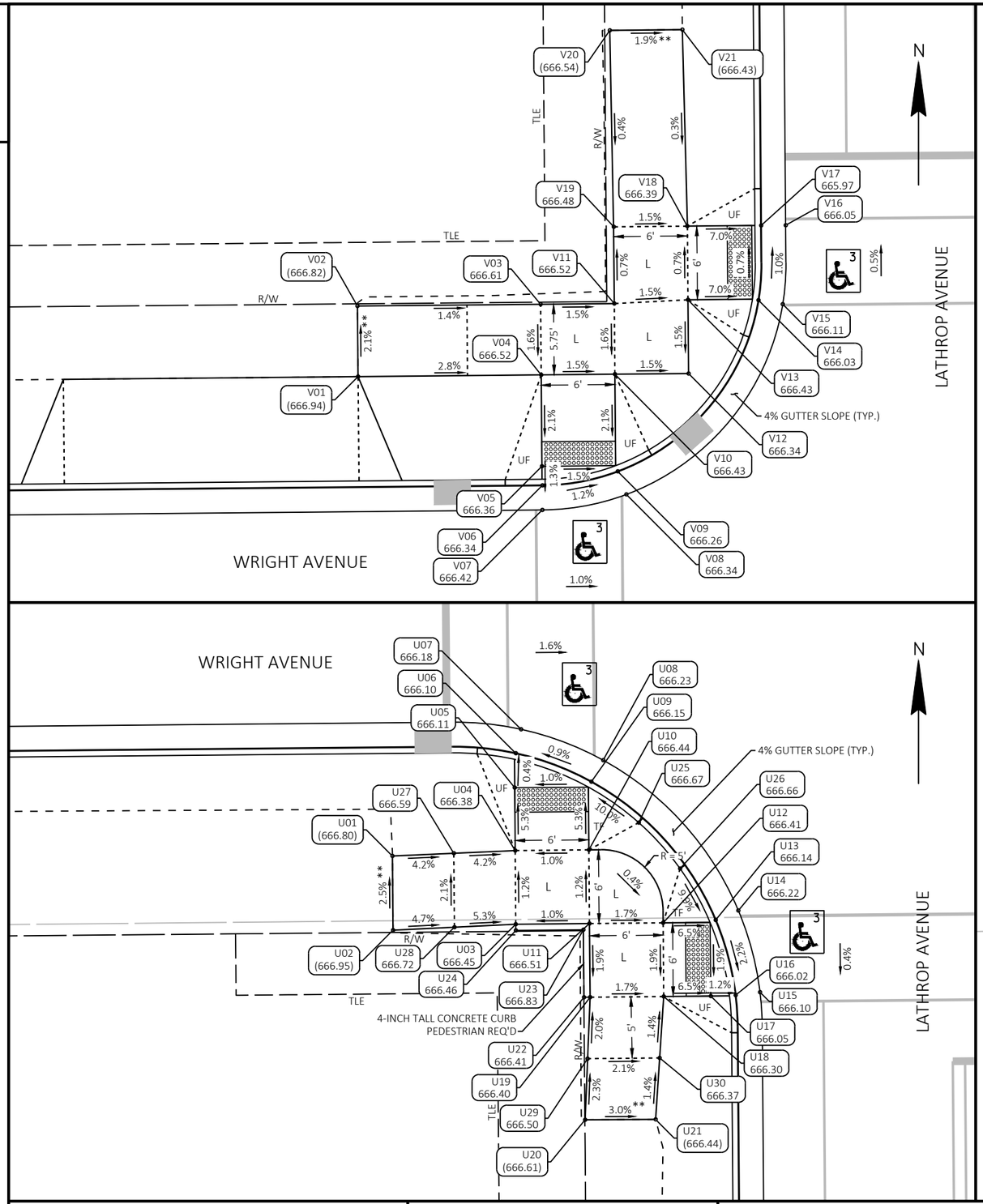
LEGEND

X	CURB RAMP TYPE X
L	LANDING
**	MATCH EXISTING SLOPE
(XXX.XX)	MATCH EXISTING ELEVATION
- - - - -	SLOPE INTERCEPT
UF	UNPAVED - 6:1 NONTRAVERSABLE FLARE; CURB HEAD TRANSITION REQ'D
PF	PAVED - 6:1 NONTRAVERSABLE FLARE; CURB HEAD TRANSITION REQ'D
TF	10:1 TRAVERSABLE FLARE; CURB HEAD TRANSITION REQ'D



PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	CURB RAMP DETAILS	SHEET 28	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\021301-CR.DWG
LAYOUT NAME - 021310-cr
PLOT DATE : 7/30/2026 10:35 AM
PLOT BY : WRIGHT, BRANDON
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42



STATION & OFFSET TABLE					
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION
V01	109+51.77	53.91 LT	181711.24	628326.68	(666.94)
V02	109+57.52	53.92 LT	181716.99	628326.62	(666.82)
V03	109+57.54	39.00 LT	181717.13	628341.54	666.61
V04	109+51.79	39.00 LT	181711.38	628341.59	666.52
V05	109+44.35	39.00 LT	181703.94	628341.65	666.36
V06	109+42.79	38.97 LT	181702.38	628341.69	666.34
V07	109+40.79	39.00 LT	181700.38	628341.68	666.42
V08	109+42.00	32.14 LT	181701.65	628348.52	666.34
V09	109+43.88	32.83 LT	181703.52	628347.82	666.26
V10	109+51.80	33.00 LT	181711.44	628347.59	666.43
V11	109+57.55	33.00 LT	181717.19	628347.54	666.52

STATION & OFFSET TABLE					
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION
V12	109+51.81	27.00 LT	181711.49	628353.59	666.34
V13	109+57.81	27.00 LT	181717.49	628353.54	666.43
V14	109+57.73	21.26 LT	181717.46	628359.28	666.03
V15	109+57.39	19.29 LT	181717.14	628361.25	666.11
V16	109+63.82	19.00 LT	181723.56	628361.49	666.05
V17	109+63.82	21.00 LT	181723.55	628359.49	665.97
V18	109+63.81	27.01 LT	181723.49	628353.48	666.39
V19	109+63.80	32.99 LT	181723.44	628347.50	666.48
V20	109+79.80	33.20 LT	181739.43	628347.17	(666.54)
V21	109+79.81	27.29 LT	181739.49	628353.08	(666.43)

LEGEND

X	CURB RAMP TYPE X
L	LANDING
**	MATCH EXISTING SLOPE
(XXX.XX)	MATCH EXISTING ELEVATION
– – – –	SLOPE INTERCEPT
UF	UNPAVED - 6:1 NONTRAVERSABLE FLARE; CURB HEAD TRANSITION REQ'D
PF	PAVED - 6:1 NONTRAVERSABLE FLARE; CURB HEAD TRANSITION REQ'D
TF	10:1 TRAVERSABLE FLARE; CURB HEAD TRANSITION REQ'D

STATION & OFFSET TABLE					
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION
U01	108+83.93	49.00 LT	181643.44	628332.11	(666.80)
U02	108+77.88	49.00 LT	181637.40	628332.16	(666.95)
U03	108+78.29	39.00 LT	181637.88	628342.16	666.45
U04	108+84.29	39.00 LT	181643.88	628342.11	666.38
U05	108+89.41	39.00 LT	181649.00	628342.07	666.11
U06	108+92.21	38.89 LT	181651.80	628342.16	666.10
U07	108+94.16	38.44 LT	181653.75	628342.59	666.18
U08	108+91.59	31.78 LT	181651.24	628349.28	666.23
U09	108+89.85	32.76 LT	181649.49	628348.32	666.15
U10	108+84.30	33.00 LT	181643.94	628348.11	666.44
U11	108+78.30	33.00 LT	181637.94	628348.16	666.51
U12	108+78.31	27.00 LT	181638.00	628354.16	666.41
U13	108+78.51	22.72 LT	181638.22	628358.44	666.14
U14	108+79.26	20.87 LT	181639.00	628360.29	666.22
U15	108+72.60	19.16 LT	181632.35	628362.05	666.10

STATION & OFFSET TABLE					
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION
U16	108+72.38	21.15 LT	181632.11	628360.06	666.02
U17	108+72.32	23.17 LT	181632.03	628358.04	666.05
U18	108+72.31	27.00 LT	181632.00	628354.21	666.30
U19	108+72.30	32.99 LT	181631.94	628348.22	666.40
U20	108+62.33	33.48 LT	181621.96	628347.81	(666.61)
U21	108+62.31	27.74 LT	181621.99	628353.55	(666.44)
U22	108+72.30	33.49 LT	181631.93	628347.72	666.41
U23	108+77.80	33.50 LT	181637.43	628347.67	666.83
U24	108+77.79	39.00 LT	181637.38	628342.17	666.46
U25	108+86.48	28.92 LT	181646.15	628352.17	666.67
U26	108+82.72	25.59 LT	181642.41	628355.54	666.66
U27	108+84.11	44.00 LT	181643.66	628337.11	666.59
U28	108+78.09	44.00 LT	181637.64	628337.16	666.72
U29	108+67.30	33.24 LT	181626.94	628348.01	666.50
U30	108+67.31	27.37 LT	181626.99	628353.88	666.37

2

STATION & OFFSET TABLE					
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION
X01	109+40.92	38.43 RT	181701.12	628419.10	665.84
X02	109+42.92	38.49 RT	181703.12	628419.14	665.76
X03	109+44.67	38.50 RT	181704.87	628419.14	665.78
X04	109+51.92	38.50 RT	181712.11	628419.08	666.18
X05	109+51.93	48.50 RT	181712.20	628429.08	(666.13)
X06	109+57.93	48.50 RT	181718.20	628429.04	(666.25)
X07	109+57.92	38.50 RT	181718.11	628419.04	666.30
X08	109+57.91	32.50 RT	181718.05	628413.04	666.41
X09	109+51.91	32.50 RT	181712.05	628413.08	666.29
X10	109+44.20	32.31 RT	181704.35	628412.96	665.87
X11	109+42.35	31.57 RT	181702.49	628412.23	665.95
X12	109+51.90	26.50 RT	181712.00	628407.08	666.20
X13	109+57.90	26.50 RT	181718.00	628407.04	666.29

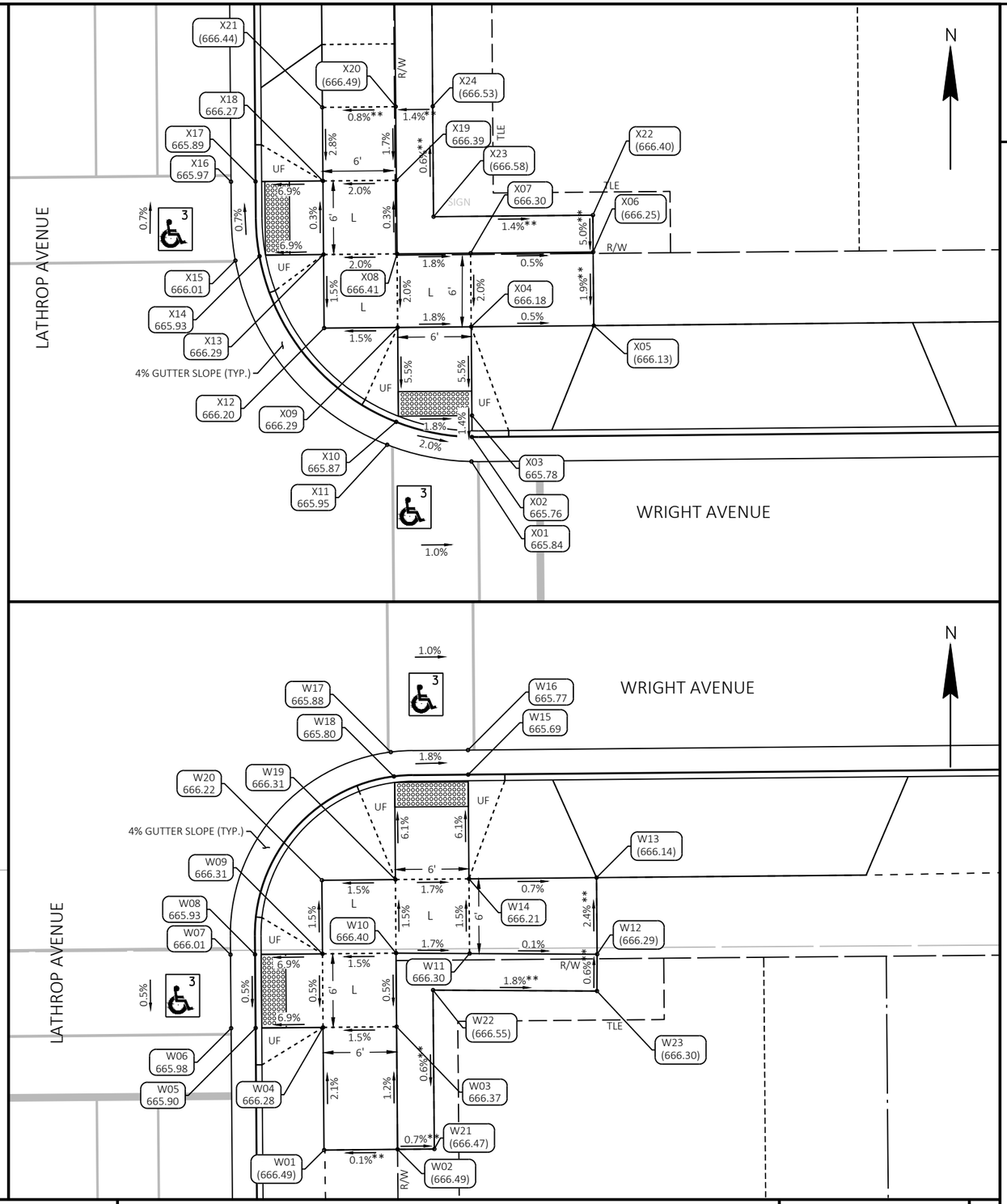
STATION & OFFSET TABLE					
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION
X14	109+57.80	21.27 RT	181717.86	628401.81	665.93
X15	109+57.46	19.30 RT	181717.50	628399.84	666.01
X16	109+63.89	19.00 RT	181723.93	628399.49	665.97
X17	109+63.89	21.00 RT	181723.95	628401.49	665.89
X18	109+63.90	26.50 RT	181724.00	628406.99	666.27
X19	109+63.91	32.49 RT	181724.05	628412.98	666.39
X20	109+69.91	32.48 RT	181730.05	628412.92	(666.49)
X21	109+69.90	26.48 RT	181730.00	628406.92	(666.44)
X22	109+60.93	48.50 RT	181721.20	628429.01	(666.40)
X23	109+60.91	35.50 RT	181721.08	628416.01	(666.58)
X24	109+69.91	35.50 RT	181730.08	628415.94	(666.53)

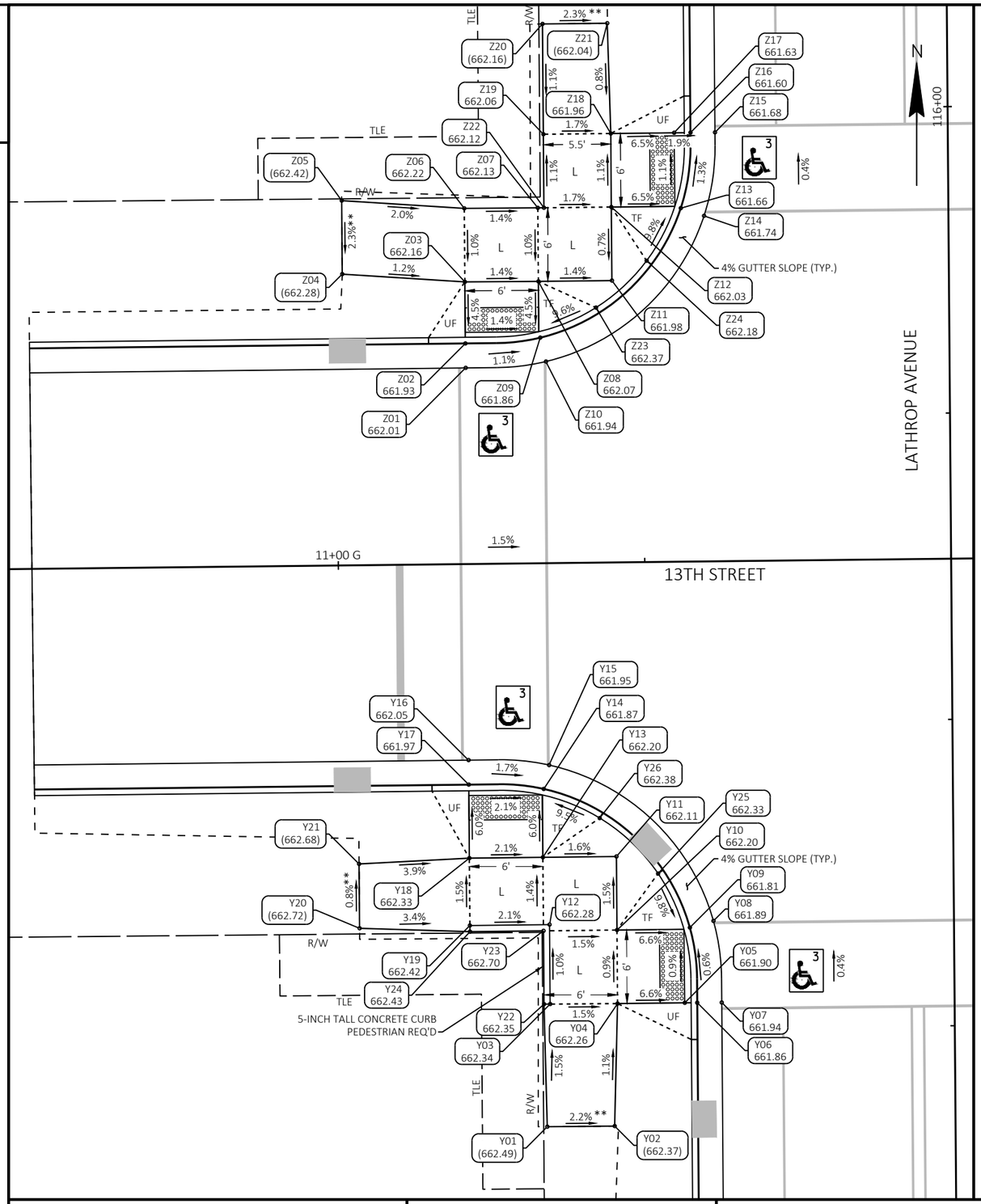
LEGEND

X	CURB RAMP TYPE X
L	LANDING
**	MATCH EXISTING SLOPE
(XXX.XX)	MATCH EXISTING ELEVATION
– – – –	SLOPE INTERCEPT
UF	UNPAVED - 6:1 NONTRAVERSABLE FLARE; CURB HEAD TRANSITION REQ'D
PF	PAVED - 6:1 NONTRAVERSABLE FLARE; CURB HEAD TRANSITION REQ'D
TF	10:1 TRAVERSABLE FLARE; CURB HEAD TRANSITION REQ'D

STATION & OFFSET TABLE					
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION
W01	108+62.40	26.51 RT	181622.50	628407.79	(666.49)
W02	108+62.41	32.50 RT	181622.56	628413.78	(666.49)
W03	108+72.41	32.50 RT	181632.56	628413.71	666.37
W04	108+72.40	26.50 RT	181632.50	628407.71	666.28
W05	108+72.39	21.00 RT	181632.45	628402.21	665.90
W06	108+72.39	19.00 RT	181632.43	628400.21	665.98
W07	108+78.39	19.00 RT	181638.43	628400.16	666.01
W08	108+78.39	21.00 RT	181638.45	628402.16	665.93
W09	108+78.40	26.50 RT	181638.50	628407.66	666.31
W10	108+78.41	32.50 RT	181638.56	628413.66	666.40
W11	108+78.32	38.50 RT	181638.52	628419.66	666.30
W12	108+78.18	48.91 RT	181638.46	628430.07	(666.29)
W13	108+84.43	48.91 RT	181644.71	628430.02	(666.14)

STATION & OFFSET TABLE					
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION
W14	108+84.42	38.50 RT	181644.61	628419.61	666.21
W15	108+92.92	38.50 RT	181653.11	628419.54	665.69
W16	108+94.92	38.50 RT	181655.11	628419.53	665.77
W17	108+94.80	32.20 RT	181654.95	628413.23	665.88
W18	108+92.81	32.44 RT	181652.96	628413.49	665.80
W19	108+84.41	32.50 RT	181644.56	628413.61	666.31
W20	108+84.40	26.50 RT	181644.50	628407.61	666.22
W21	108+62.41	35.50 RT	181622.58	628416.78	(666.47)
W22	108+75.36	35.50 RT	181635.54	628416.68	(666.55)
W23	108+75.18	48.87 RT	181635.46	628430.05	(666.30)





STATION & OFFSET TABLE					
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION
Z01	115+78.99	39.49 LT	182338.56	628336.19	662.01
Z02	115+80.98	39.50 LT	182340.55	628336.17	661.93
Z03	115+86.00	39.50 LT	182345.57	628336.13	662.16
Z04	115+86.72	49.50 LT	182346.21	628326.13	(662.28)
Z05	115+92.72	49.50 LT	182352.21	628326.08	(662.42)
Z06	115+92.00	39.50 LT	182351.57	628336.08	662.22
Z07	115+92.00	33.50 LT	182351.61	628342.08	662.13
Z08	115+86.00	33.50 LT	182345.61	628342.13	662.07
Z09	115+81.40	33.39 LT	182341.02	628342.28	661.86
Z10	115+79.45	32.94 LT	182339.07	628342.75	661.94
Z11	115+86.02	27.50 LT	182345.68	628348.13	661.98
Z12	115+92.02	27.50 LT	182351.68	628348.08	662.03

STATION & OFFSET TABLE					
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION
Z13	115+91.88	21.84 LT	182351.58	628353.75	661.66
Z14	115+91.24	19.94 LT	182350.96	628355.65	661.74
Z15	115+98.04	19.00 LT	182357.77	628356.54	661.68
Z16	115+98.04	21.00 LT	182357.75	628354.54	661.60
Z17	115+98.04	22.33 LT	182357.74	628353.20	661.63
Z18	115+98.02	27.50 LT	182357.68	628348.04	661.96
Z19	115+98.00	33.00 LT	182357.62	628342.54	662.06
Z20	116+07.00	33.00 LT	182366.62	628342.47	(662.16)
Z21	116+07.02	27.72 LT	182366.68	628347.75	(662.04)
Z22	115+92.00	33.00 LT	182351.62	628342.58	662.12
Z23	115+83.82	28.82 LT	182343.47	628346.83	662.37
Z24	115+87.61	24.66 LT	182347.30	628350.96	662.18

LEGEND

X	CURB RAMP TYPE X
L	LANDING
**	MATCH EXISTING SLOPE
(XXX.XX)	MATCH EXISTING ELEVATION
– – – –	SLOPE INTERCEPT
UF	UNPAVED - 6:1 NONTRAVERSABLE FLARE; CURB HEAD TRANSITION REQ'D
PF	PAVED - 6:1 NONTRAVERSABLE FLARE; CURB HEAD TRANSITION REQ'D
TF	10:1 TRAVERSABLE FLARE; CURB HEAD TRANSITION REQ'D

STATION & OFFSET TABLE					
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION
Y01	115+17.02	33.31 LT	182276.64	628342.86	(662.49)
Y02	115+17.02	27.81 LT	182276.68	628348.36	(662.37)
Y03	115+27.02	33.00 LT	182286.64	628343.09	662.34
Y04	115+27.02	27.50 LT	182286.68	628348.59	662.26
Y05	115+27.04	22.02 LT	182286.74	628354.07	661.90
Y06	115+27.04	21.00 LT	182286.75	628355.09	661.86
Y07	115+27.04	19.00 LT	182286.77	628357.09	661.94
Y08	115+33.70	19.63 LT	182293.42	628356.41	661.89
Y09	115+33.18	21.56 LT	182292.88	628354.49	661.81
Y10	115+33.02	27.50 LT	182292.68	628348.54	662.20
Y11	115+39.02	27.50 LT	182298.68	628348.50	662.11
Y12	115+33.50	33.00 LT	182293.12	628343.04	662.28
Y13	115+39.00	33.50 LT	182298.62	628342.50	662.20

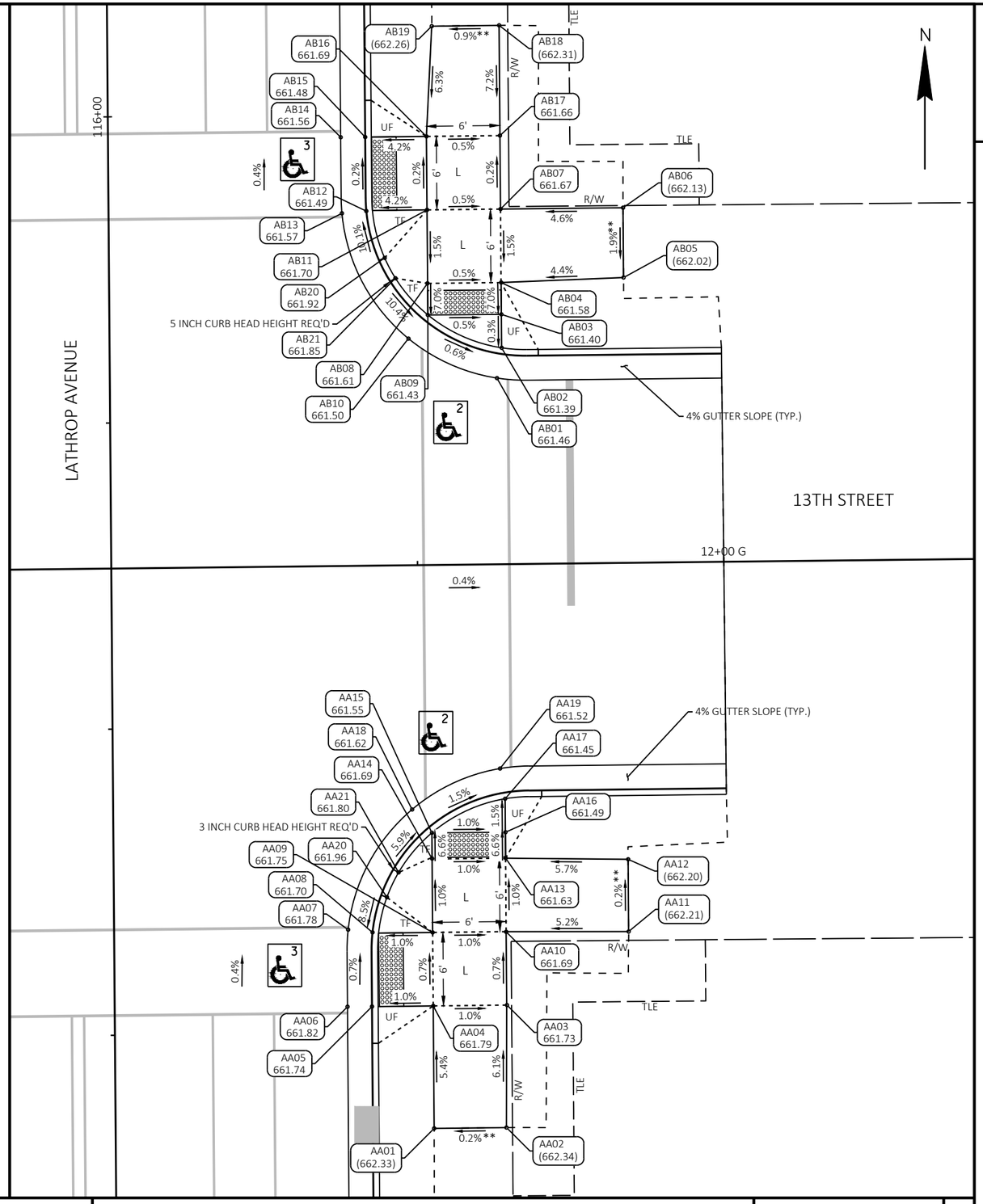
STATION & OFFSET TABLE					
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION
Y14	115+44.58	33.39 LT	182304.19	628342.57	661.87
Y15	115+46.52	32.94 LT	182306.14	628343.00	661.95
Y16	115+46.98	39.51 LT	182306.55	628336.43	662.05
Y17	115+44.98	39.50 LT	182304.55	628336.45	661.97
Y18	115+38.98	39.50 LT	182298.55	628336.50	662.33
Y19	115+33.48	39.50 LT	182293.05	628336.54	662.42
Y20	115+33.33	48.50 LT	182292.82	628327.54	(662.72)
Y21	115+38.58	48.50 LT	182298.07	628327.50	(662.68)
Y22	115+27.02	33.50 LT	182286.64	628342.59	662.35
Y23	115+33.00	33.50 LT	182292.62	628342.54	662.70
Y24	115+32.98	39.50 LT	182292.55	628336.55	662.43
Y25	115+37.61	24.12 LT	182297.29	628351.89	662.33
Y26	115+42.17	28.84 LT	182301.82	628347.13	662.38

STATION & OFFSET TABLE					
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION
AB01	115+78.42	31.60 RT	182338.54	628407.29	661.46
AB02	115+80.89	32.00 RT	182341.01	628407.67	661.39
AB03	115+83.62	32.00 RT	182343.75	628407.65	661.40
AB04	115+86.22	32.00 RT	182346.35	628407.63	661.58
AB05	115+86.55	42.00 RT	182346.76	628417.62	(662.02)
AB06	115+92.25	42.00 RT	182352.46	628417.58	(662.13)
AB07	115+92.22	32.00 RT	182352.35	628407.58	661.67
AB08	115+86.20	25.99 RT	182346.28	628401.62	661.61
AB09	115+83.62	26.00 RT	182343.70	628401.65	661.43
AB10	115+81.70	24.40 RT	182341.77	628400.06	661.50
AB11	115+92.20	26.00 RT	182352.28	628401.58	661.70

STATION & OFFSET TABLE					
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION
AB12	115+92.14	21.05 RT	182352.18	628396.63	661.49
AB13	115+91.98	19.05 RT	182352.00	628394.63	661.57
AB14	115+98.19	19.00 RT	182358.21	628394.53	661.56
AB15	115+98.19	21.00 RT	182358.22	628396.53	661.48
AB16	115+98.20	26.00 RT	182358.28	628401.53	661.69
AB17	115+98.22	32.00 RT	182358.35	628407.53	661.66
AB18	116+07.22	32.00 RT	182367.35	628407.46	(662.31)
AB19	116+07.20	26.50 RT	182367.28	628401.96	(662.26)
AB20	115+88.30	22.51 RT	182348.36	628398.12	661.92
AB21	115+86.64	23.38 RT	182346.70	628399.00	661.85

LEGEND

X	CURB RAMP TYPE X
L	LANDING
**	MATCH EXISTING SLOPE
(XXX.XX)	MATCH EXISTING ELEVATION
– – – –	SLOPE INTERCEPT
UF	UNPAVED - 6:1 NONTRAVERSABLE FLARE; CURB HEAD TRANSITION REQ'D
PF	PAVED - 6:1 NONTRAVERSABLE FLARE; CURB HEAD TRANSITION REQ'D
TF	10:1 TRAVERSABLE FLARE; CURB HEAD TRANSITION REQ'D



2

STATION & OFFSET TABLE					
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION
AA01	115+17.20	26.00 RT	182277.28	628402.17	(662.33)
AA02	115+17.22	31.90 RT	182277.35	628408.07	(662.34)
AA03	115+27.22	32.02 RT	182287.35	628408.11	661.73
AA04	115+27.20	26.00 RT	182287.28	628402.09	661.79
AA05	115+27.19	21.00 RT	182287.23	628397.09	661.74
AA06	115+27.19	19.00 RT	182287.21	628395.09	661.82
AA07	115+33.48	19.10 RT	182293.50	628395.14	661.78
AA08	115+33.24	21.09 RT	182293.29	628397.13	661.70
AA09	115+33.20	26.00 RT	182293.28	628402.04	661.75
AA10	115+33.20	32.00 RT	182293.33	628408.04	661.69
AA11	115+33.14	42.00 RT	182293.35	628418.04	(662.21)

STATION & OFFSET TABLE					
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION
AA12	115+39.04	42.00 RT	182299.25	628417.99	(662.20)
AA13	115+39.22	32.00 RT	182299.35	628407.99	661.63
AA14	115+39.22	26.00 RT	182299.30	628401.99	661.69
AA15	115+41.33	26.00 RT	182301.41	628401.98	661.55
AA16	115+41.33	32.00 RT	182301.46	628407.98	661.49
AA17	115+44.07	32.00 RT	182304.19	628407.96	661.45
AA18	115+43.25	24.40 RT	182303.32	628400.36	661.62
AA19	115+46.53	31.60 RT	182306.66	628407.54	661.52
AA20	115+36.10	22.29 RT	182296.15	628398.31	661.96
AA21	115+38.12	23.26 RT	182298.18	628399.26	661.80

PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	CURB RAMP DETAILS	SHEET 32	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\021301-CR.DWG
LAYOUT NAME - 021314-cr
PLOT DATE : 7/30/2026 10:22 AM
PLOT BY : WRIGHT, BRANDON
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

2

N

LEGEND

- HIGH POINT
- LOW POINT
- * END OF RADIUS
- ** MATCH EXISTING
- PROPOSED INLET

BEGIN CONSTRUCTION
STA 11+00.00 A

BEGIN PROJECT
STA 84+85.00

END CONSTRUCTION
STA 12+00.00 A

LATHROP AVENUE

REPUBLIC AVENUE

STA 11+11.84 A, 16' RT
ELEV. 654.53

STA 11+15.75 A, 16' LT
ELEV. 654.64

STA 11+84.95 A, 16' RT
ELEV. 654.56

11+00.00 A

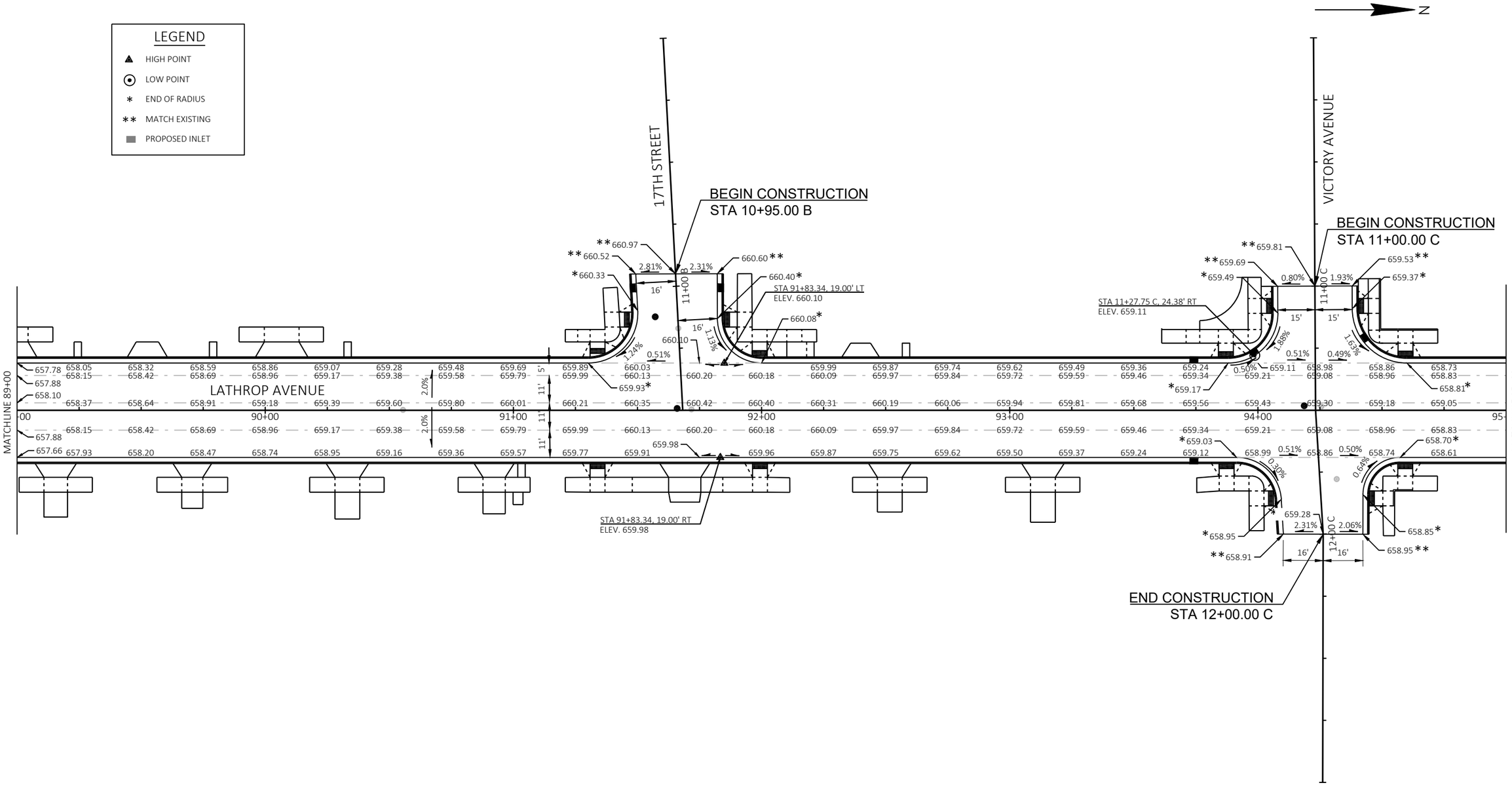
12+00.00 A

MATCHLINE 89+00

PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	PAVING GRADES AND JOINTING DETAILS	SHEET 33 E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\021401-JD.DWG
LAYOUT NAME - 021401-jd
PLOT DATE : 7/28/2026 10:34 AM PLOT BY : WRIGHT, BRANDON PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

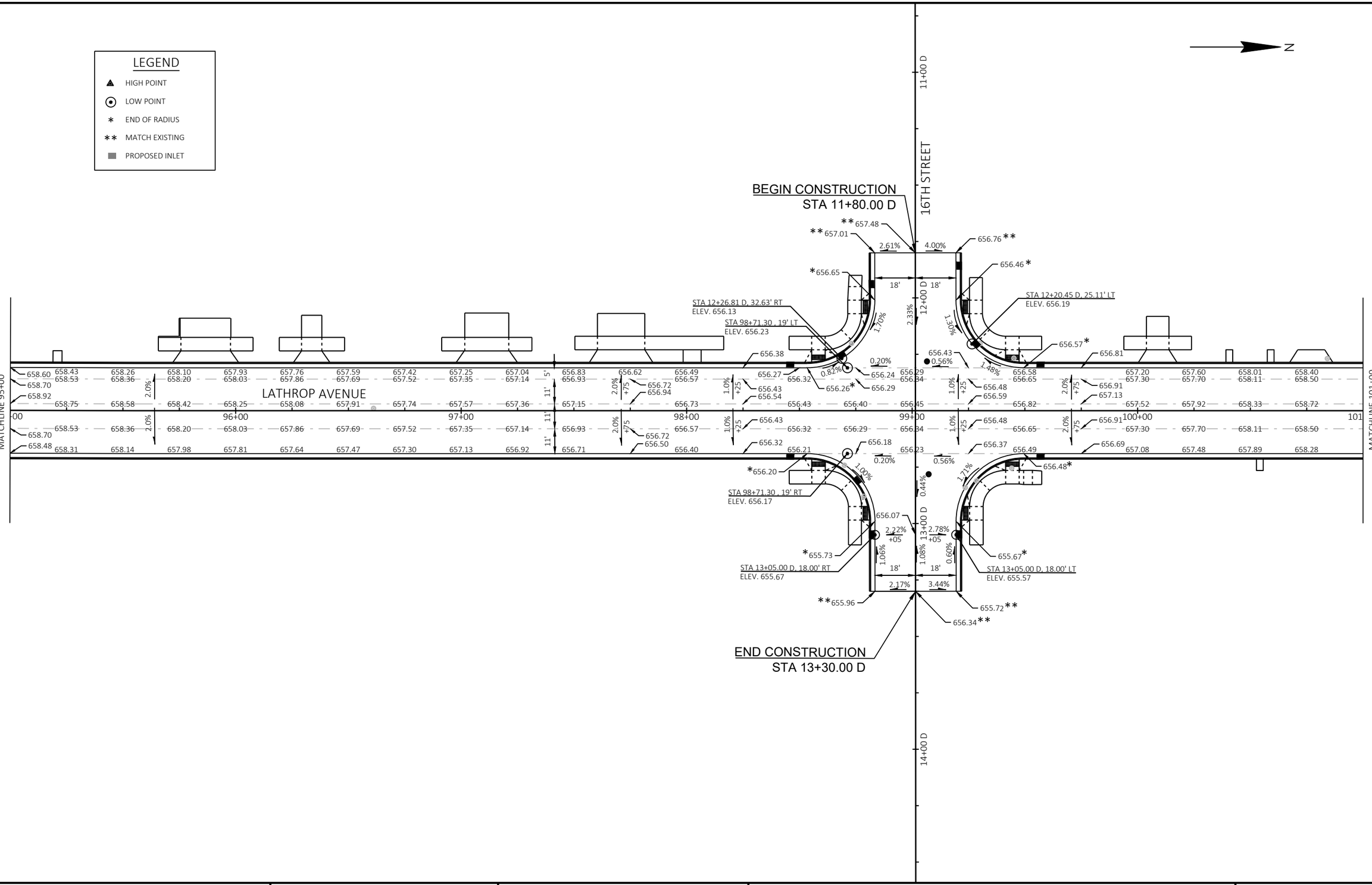


PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	PAVING GRADES AND JOINTING DETAILS	SHEET 34	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\021401-JD.DWG
LAYOUT NAME - 021402-jd

PLOT DATE : 7/28/2026 10:34 AM PLOT BY : WRIGHT, BRANDON PLOT NAME : PLOT SCALE : 1 IN:40 FT

2



PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	PAVING GRADES AND JOINTING DETAILS	SHEET 35	E

2

LEGEND

- HIGH POINT
- LOW POINT
- * END OF RADIUS
- ** MATCH EXISTING
- PROPOSED INLET

N

15TH STREET

BEGIN CONSTRUCTION
STA 11+05.00 E

LATHROP AVENUE

MATCHLINE 101+00

MATCHLINE 107+00

101+00 102+00 103+00 104+00 105+00 106+00 107

11+00 E

12+00 E

13+00 E

**664.36
**664.24
*664.17
0.75%
2.44%
663.97**
664.00*
16'
16'
664.12*
1.26%
0.64%
0.36%
0.40%
663.77*

658.80 659.19 659.59 660.04 660.48 660.93 661.38 661.83 662.26 662.69 663.11 663.46 663.73 663.92 664.03 664.22 664.31 664.40 664.53 664.66 664.79 664.92 665.06
658.90 659.29 659.69 660.14 660.58 661.03 661.48 661.93 662.36 662.79 663.21 663.56 663.83 664.02 664.13 664.22 664.32 664.41 664.50 664.63 664.76 664.89 665.02 665.16
659.12 659.51 659.91 660.36 660.80 661.25 661.70 662.15 662.58 663.01 663.43 663.78 664.05 664.24 664.35 664.44 664.54 664.63 664.72 664.85 664.98 665.11 665.24 665.38

2.0%
2.0%
5'
11'
11'
11'

658.90 659.29 659.69 660.14 660.58 661.03 661.48 661.93 662.36 662.79 663.21 663.56 663.83 664.02 664.13 664.22 664.32 664.41 664.50 664.63 664.76 664.89 665.02 665.16
658.68 659.07 659.47 659.92 660.36 660.81 661.26 661.71 662.14 662.57 662.99 663.34 663.61 663.91 664.10 664.19 664.28 664.41 664.54 664.67 664.80 664.94

*663.69
1.18%
663.80
0.61%
0.36%
0.84%
664.00*
0.82%
16'
16'
STA 11+72.29, 21.71' RT
ELEV. 663.81
*663.70
**663.57
**664.00
2.69%
2.06%
663.80*
663.67**

END CONSTRUCTION
STA 12+00.00 E

PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	PAVING GRADES AND JOINTING DETAILS	SHEET 36	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\021401-JD.DWG
LAYOUT NAME - 021404-jd
PLOT DATE : 7/28/2026 10:34 AM PLOT BY : WRIGHT, BRANDON PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

LEGEND

- HIGH POINT
- LOW POINT
- * END OF RADIUS
- ** MATCH EXISTING
- PROPOSED INLET

N

WRIGHT AVENUE

11+00 F

BEGIN CONSTRUCTION
STA 11+50.00 F

**667.51
**667.02
2.13%
1.83%
667.09**
23'
23'

STA 109+06.20, 19.00' LT
ELEV. 666.19

667.10
666.62
1.59%
1.63%
666.81

STA 12+05.00 F, 22.99' RT
ELEV. 666.14

666.42*

STA 12+26.38 F, 33.66' RT
ELEV. 666.31

12+00 F

666.69
666.22
666.54

666.15*
666.19
665.94
666.08
0.68%
0.40%
1.11%
0.20%
666.13

MATCHLINE 107+00

665.19 665.33 665.47 665.59 665.71 665.83
665.29 665.43 665.57 665.69 665.81 665.93

LATHROP AVENUE

665.51 665.65 665.79 665.91 666.03 666.15

+00 108+00

665.29 665.43 665.57 665.69 665.81 665.93

665.07 665.21 665.35 665.47 665.59 665.71

665.82 665.99

666.24 666.23 666.04 666.18 665.97 665.77 665.61
666.23 666.16 666.04 665.71 665.51 665.28 665.01 664.74 664.47 664.21 663.94 663.67 663.40 663.13

666.04 666.16 666.26 666.32 666.34 666.21 665.93 665.73 665.50 665.23 664.96 664.69 664.43 664.16 663.89 663.62 663.35

666.04 666.16 666.23 666.04 665.71 665.51 665.28 665.01 664.74 664.47 664.21 663.94 663.67 663.40 663.13

666.04 666.24 666.02* 666.13 666.12 666.07 665.99* 665.88 665.65 665.49 665.29 665.06 664.79 664.52 664.25 663.99 663.72 663.45 663.18 662.91

2.0% +50 1.0% +00

*666.05
666.35
666.29
666.18
666.07*
666.09
665.87

109+00 110+00 111+00 112+00 113

11' 5' 11' 11' 2.0%

MATCHLINE 113+00

0.40%
0.50%
0.20%
0.50%
1.80%

STA 12+72.18 F, 28.69' RT
ELEV. 666.07

STA 12+75.36 F, 28.44' LT
ELEV. 666.07

*665.85
665.81*

665.59
665.82
13+00 F
664.61

STA 109+06.20, 19.00' RT
ELEV. 666.13

665.18
23'
665.57
23'
665.16

1.00%

664.76
665.32
664.71

2.74%
3.00%

**664.59
664.53**
665.22**

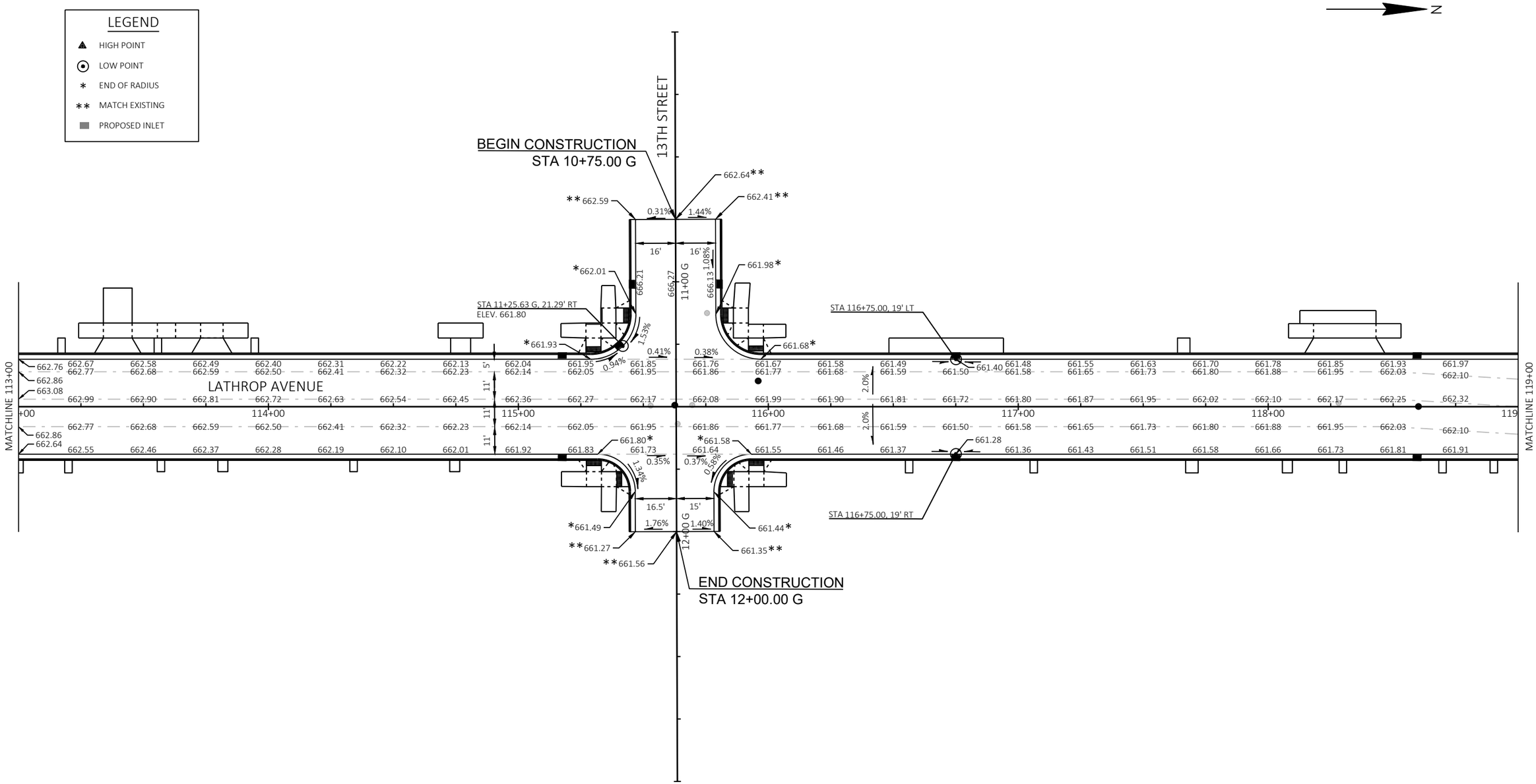
END CONSTRUCTION
STA 13+60.00 F

14+00 F

PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	PAVING GRADES AND JOINTING DETAILS	SHEET 37	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\021401-JD.DWG
LAYOUT NAME - 021405-jd
PLOT DATE : 7/28/2026 10:35 AM PLOT BY : WRIGHT, BRANDON PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

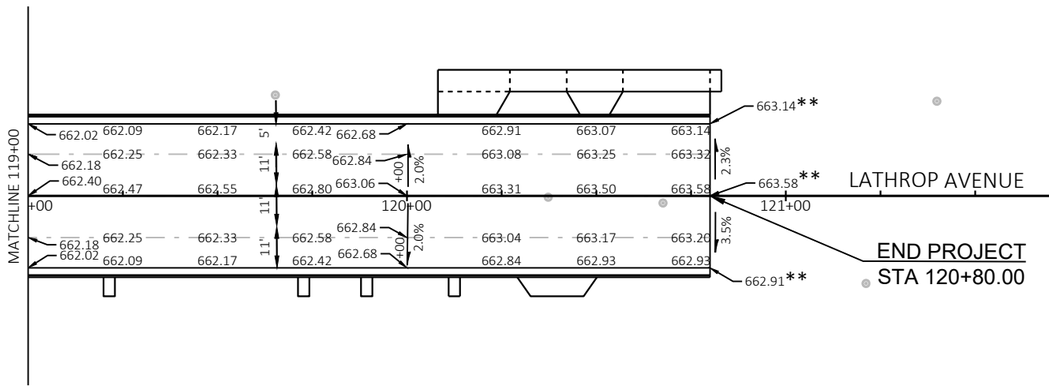
2



PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	PAVING GRADES AND JOINTING DETAILS	SHEET 38	E

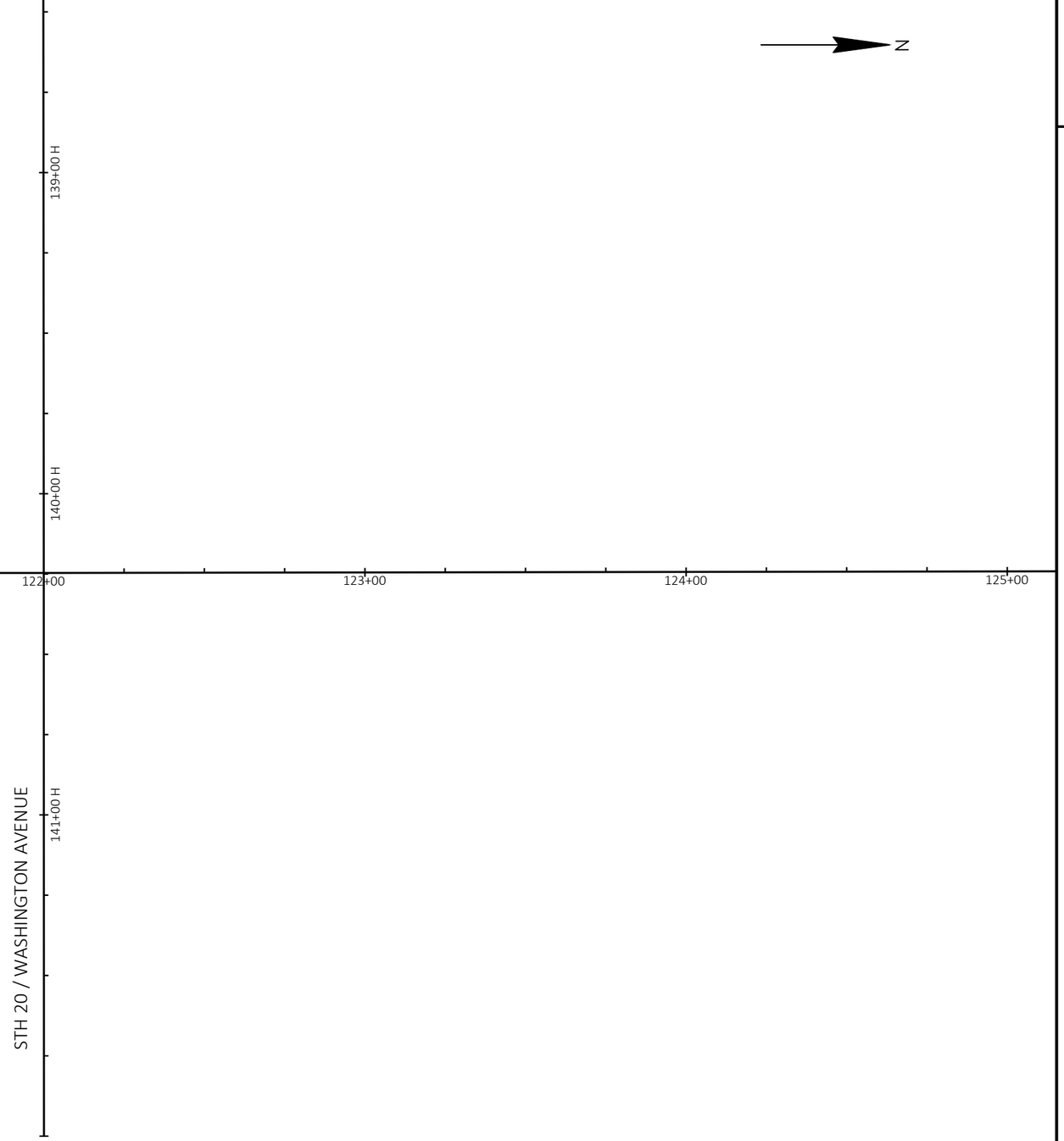
LEGEND

- ▲ HIGH POINT
- ⊙ LOW POINT
- * END OF RADIUS
- ** MATCH EXISTING
- ■ PROPOSED INLET



LATHROP AVENUE

END PROJECT
STA 120+80.00

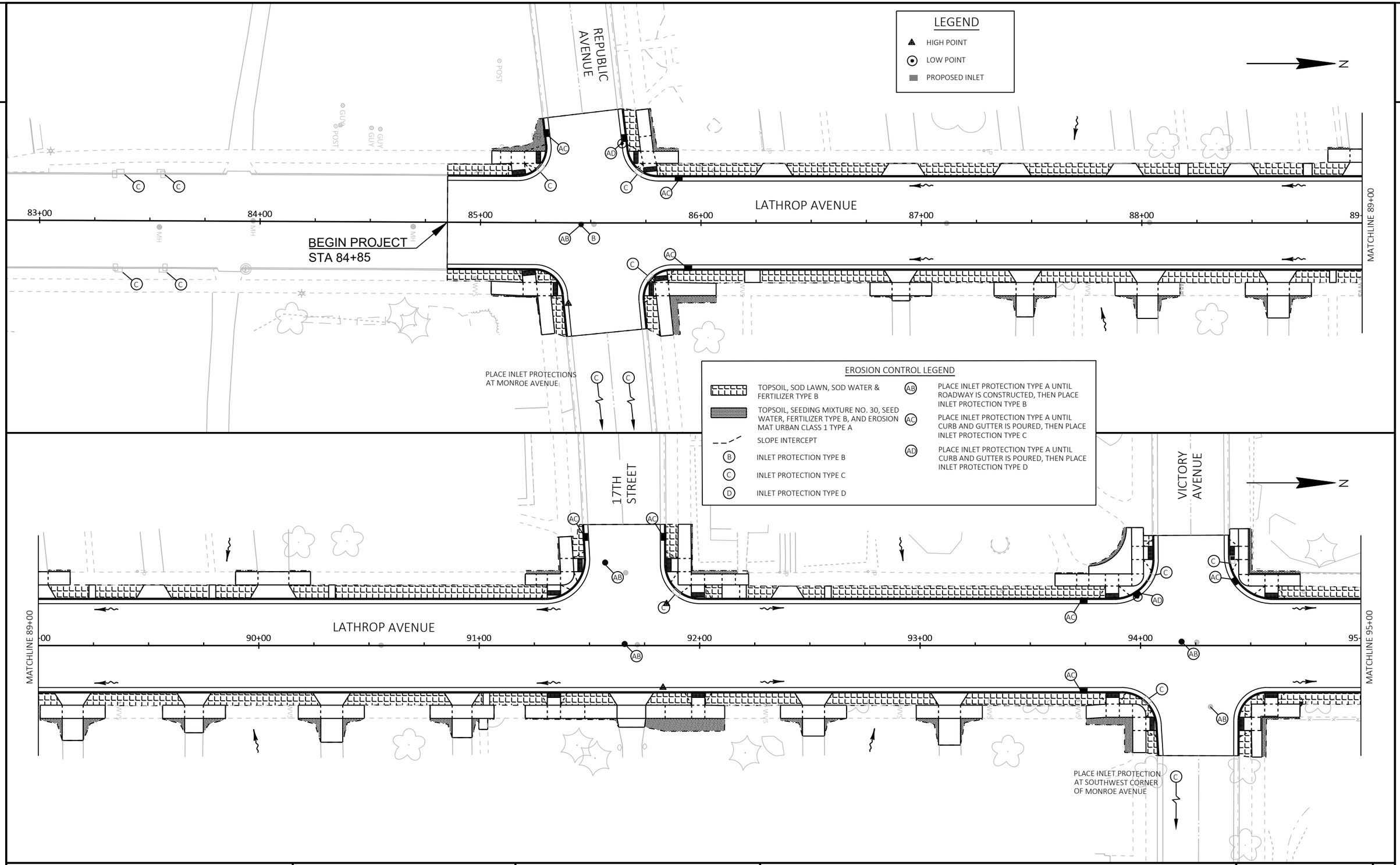


PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	PAVING GRADES AND JOINTING DETAILS	SHEET 39	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\021401-JD.DWG
LAYOUT NAME - 021407-jd

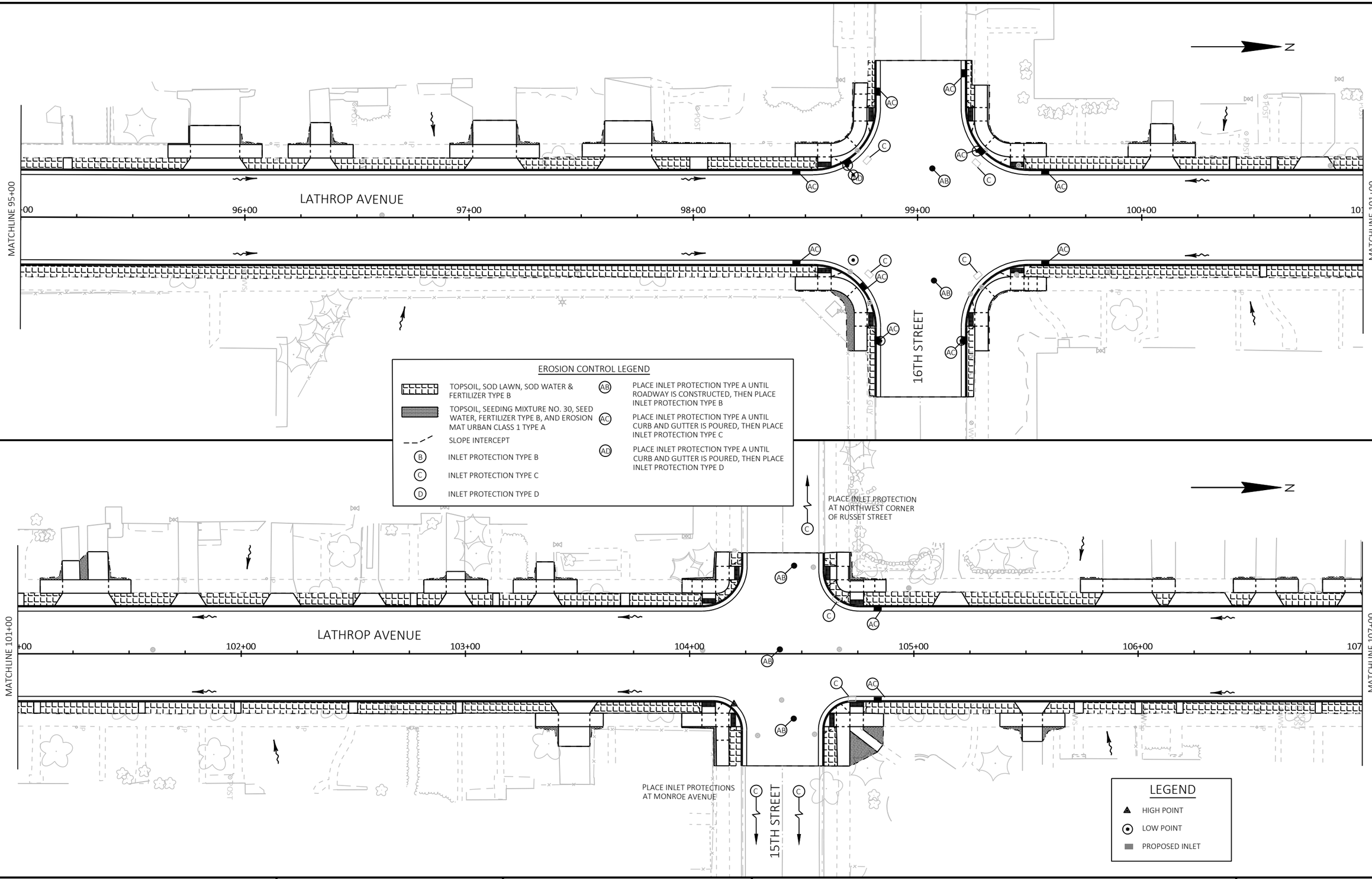
PLOT DATE : 7/28/2026 10:35 AM PLOT BY : WRIGHT, BRANDON PLOT NAME : PLOT SCALE : 1 IN:40 FT

2



PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	EROSION CONTROL	SHEET 40	E

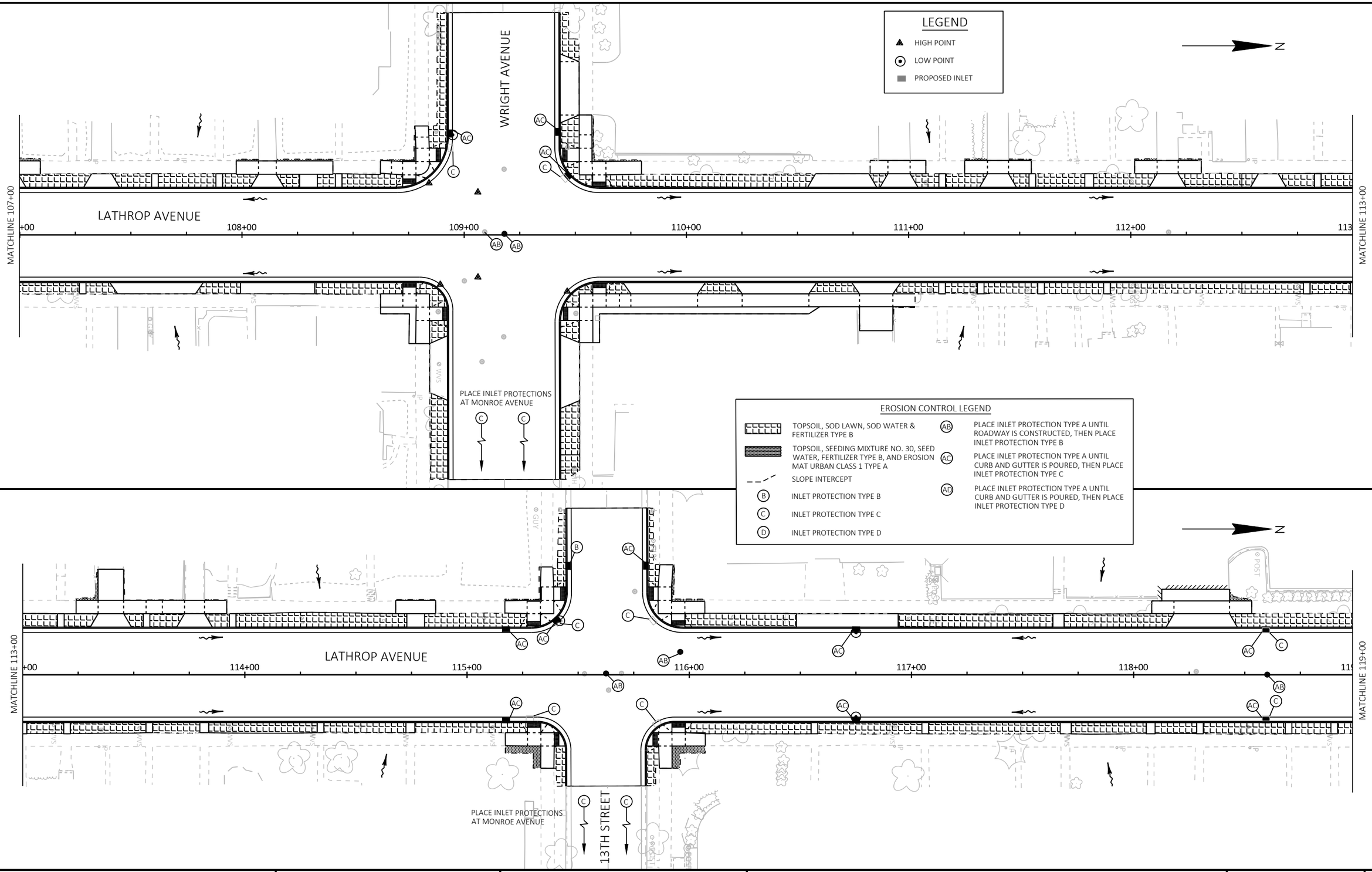
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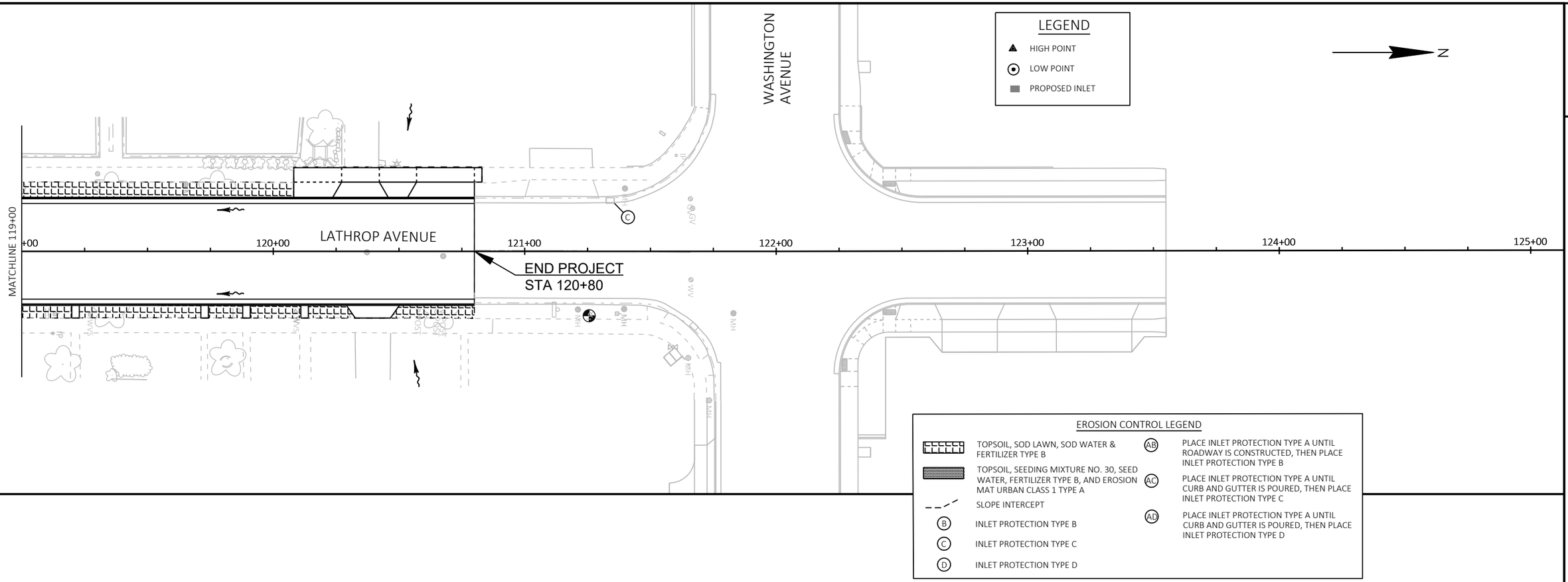
PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	EROSION CONTROL	SHEET 41	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\022001-EC.DWG
LAYOUT NAME - 022002-ec
PLOT DATE : 7/28/2026 10:37 AM
PLOT BY : WRIGHT, BRANDON
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2



PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	EROSION CONTROL	SHEET 42	E

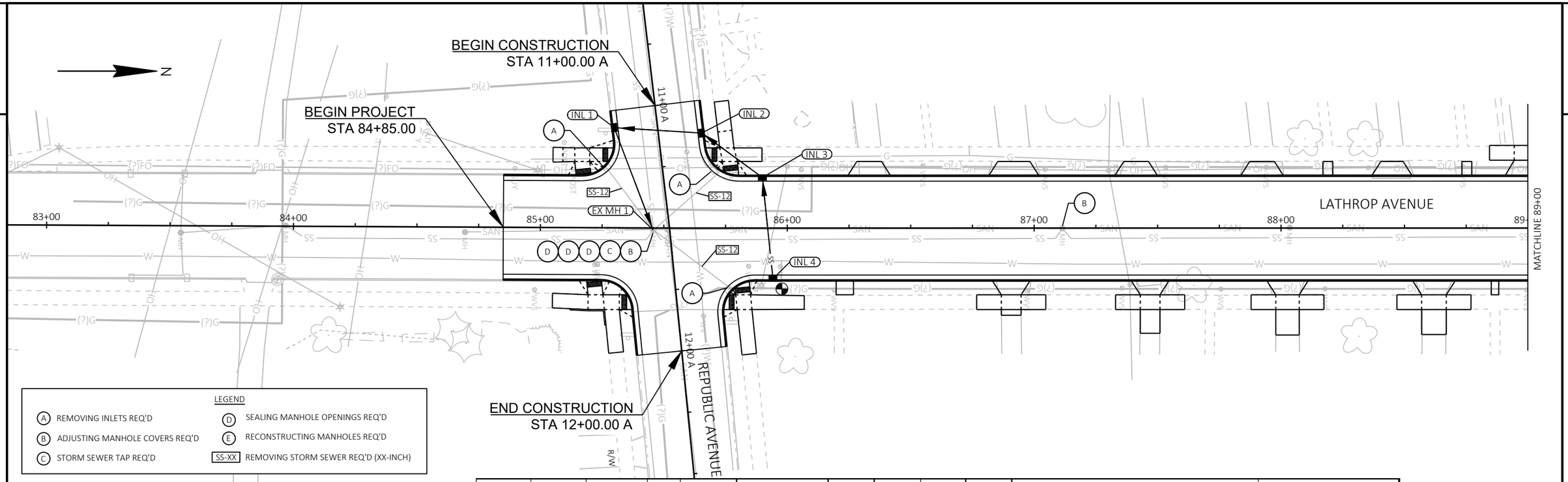


EROSION CONTROL LEGEND

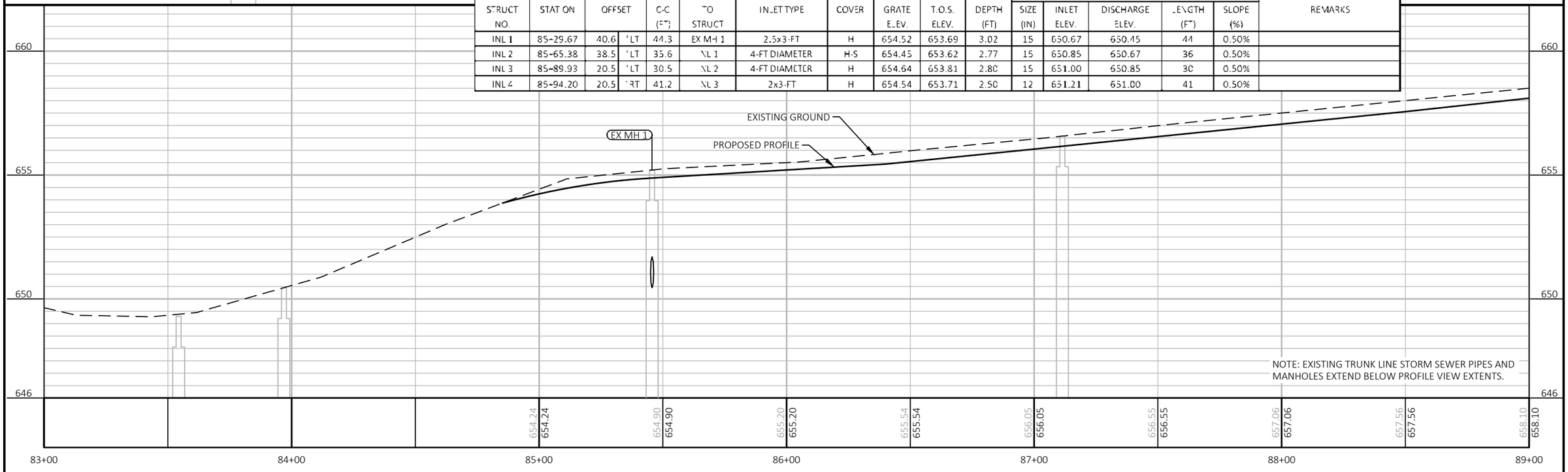
- TOPSOIL, SOD LAWN, SOD WATER & FERTILIZER TYPE B
- TOPSOIL, SEEDING MIXTURE NO. 30, SEED WATER, FERTILIZER TYPE B, AND EROSION MAT URBAN CLASS 1 TYPE A
- SLOPE INTERCEPT
- (B) INLET PROTECTION TYPE B
- (C) INLET PROTECTION TYPE C
- (D) INLET PROTECTION TYPE D
- (AB) PLACE INLET PROTECTION TYPE A UNTIL ROADWAY IS CONSTRUCTED, THEN PLACE INLET PROTECTION TYPE B
- (AC) PLACE INLET PROTECTION TYPE A UNTIL CURB AND GUTTER IS POURED, THEN PLACE INLET PROTECTION TYPE C
- (AD) PLACE INLET PROTECTION TYPE A UNTIL CURB AND GUTTER IS POURED, THEN PLACE INLET PROTECTION TYPE D

PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	EROSION CONTROL	SHEET 43	E

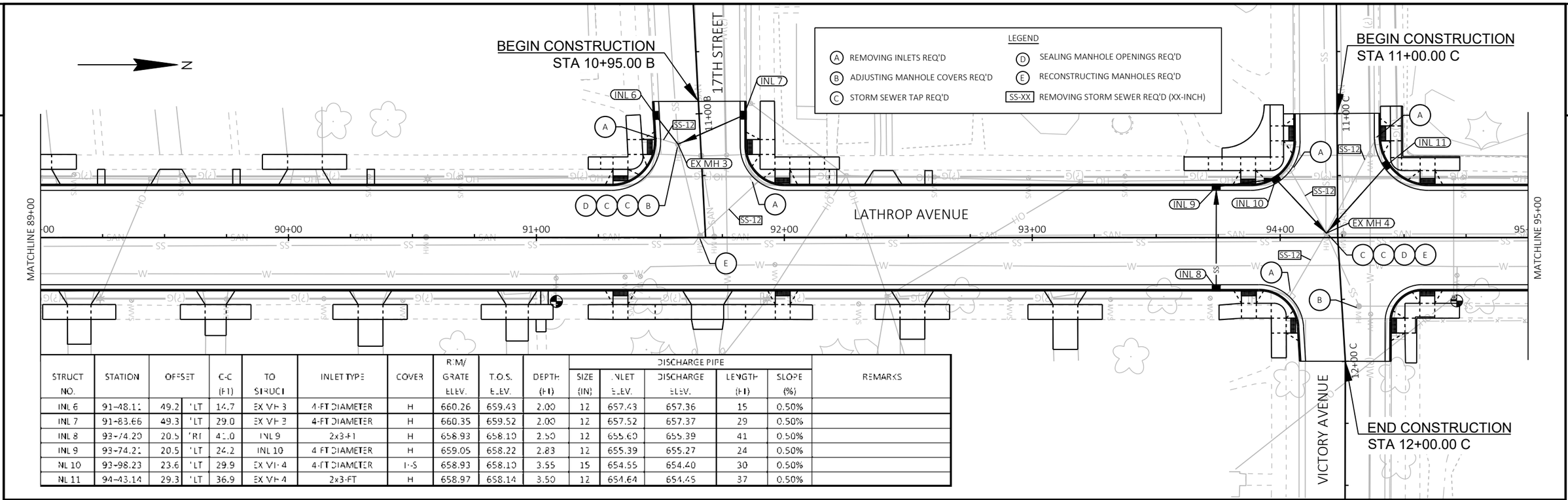
2



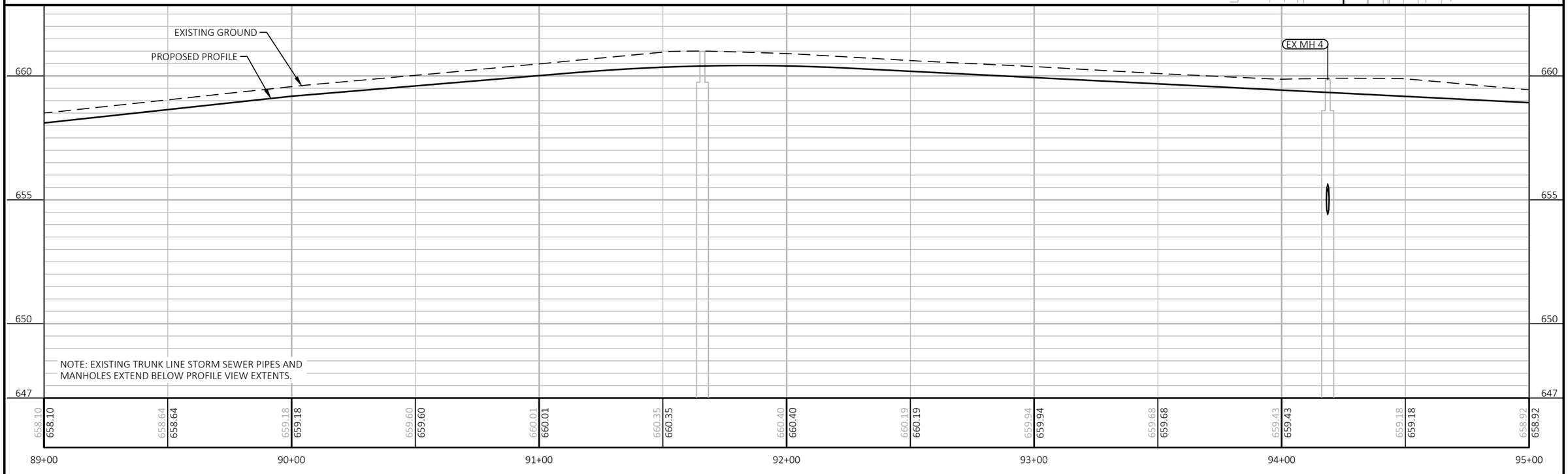
STRUCT NO.	STATION	OFFSET	C-C (FT)	TO STRUCT	INLET TYPE	COVER	RIM/ GRATE ELEV.	T.O.S. ELEV.	DEPTH (FT)	DISCHARGE PIPE SIZE (IN)	DISCHARGE PIPE INLET ELEV.	DISCHARGE PIPE DISCHARGE ELEV.	DISCHARGE PIPE LENGTH (FT)	DISCHARGE PIPE SLOPE (%)	REMARKS
INL 1	85+29.67	40.6 LT	44.3	EX MH 1	2.5x3-FT	H	654.52	653.69	3.02	15	650.67	650.15	44	0.50%	
INL 2	85+65.38	38.5 LT	35.6	NL 1	4-FT DIAMETER	H-S	654.45	653.62	2.77	15	650.85	650.67	36	0.50%	
INL 3	85+89.93	20.5 LT	30.5	NL 2	4-FT DIAMETER	H	654.64	653.81	2.80	15	651.00	650.85	30	0.50%	
INL 4	85+94.20	20.5 RT	41.2	NL 3	2x3-FT	H	654.54	653.71	2.50	12	651.21	651.00	41	0.50%	



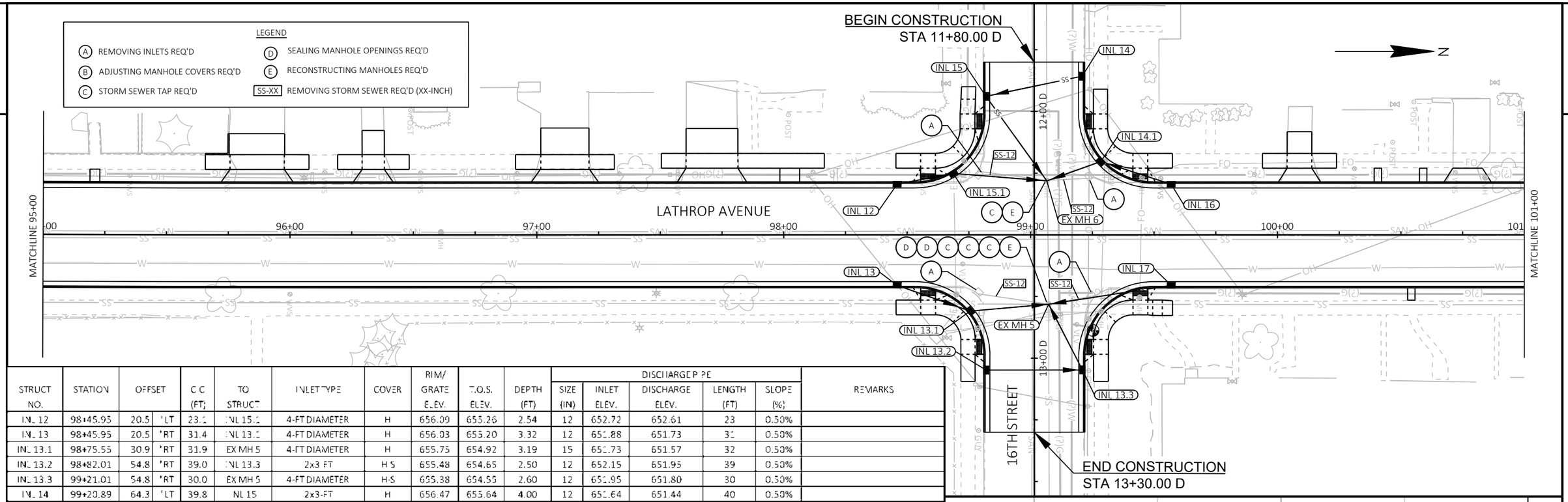
PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	STORM SEWER	SHEET 44	E



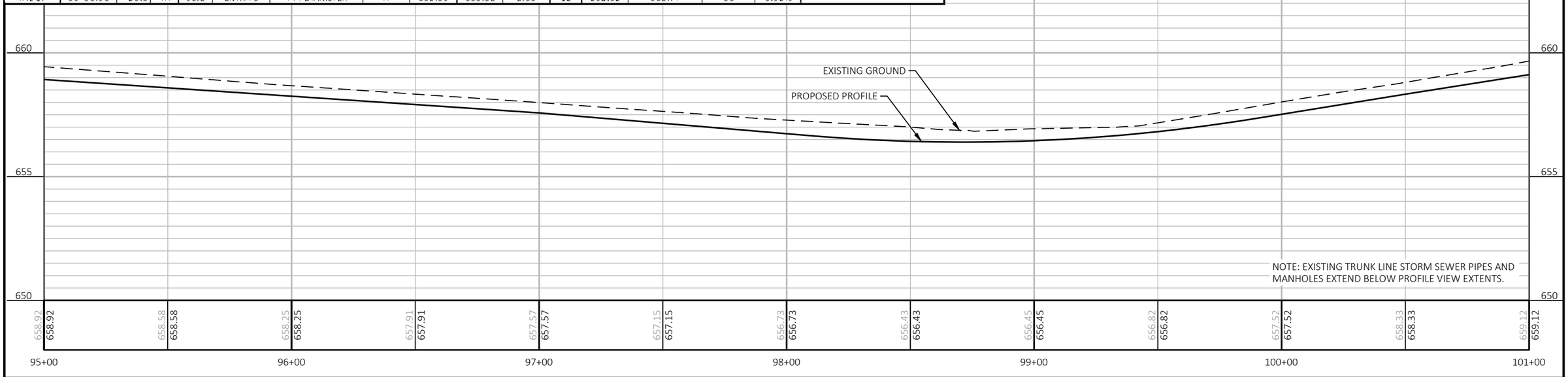
STRUCT NO.	STATION	OFFSET		C-C (FT)	TO STRUCT	INLET TYPE	COVER	RIM/ GRATE ELEV.	T.O.S. ELEV.	DEPTH (FT)	DISCHARGE PIPE SIZE (IN)	DISCHARGE PIPE INLET ELEV.	DISCHARGE PIPE DISCHARGE ELEV.	DISCHARGE PIPE LENGTH (FT)	DISCHARGE PIPE SLOPE (%)	REMARKS
INL 6	91+48.11	49.2	LT	14.7	EX MH 3	4-FT DIAMETER	H	660.26	659.43	2.00	12	657.43	657.36	15	0.50%	
INL 7	91+83.66	49.3	LT	29.0	EX MH 3	4-FT DIAMETER	H	660.35	659.52	2.00	12	657.52	657.37	29	0.50%	
INL 8	93+74.20	20.5	RT	41.0	INL 9	2x3-FT	H	658.93	658.10	2.50	12	655.60	655.39	41	0.50%	
INL 9	93+74.21	20.5	LT	24.2	INL 10	4 FT DIAMETER	H	659.05	658.22	2.83	12	655.39	655.27	24	0.50%	
INL 10	93+98.23	23.6	LT	29.9	EX MH 4	4-FT DIAMETER	H-S	658.93	658.10	3.55	15	654.55	654.40	30	0.50%	
INL 11	94+43.14	29.3	LT	36.9	EX MH 4	2x3-FT	H	658.97	658.14	3.50	12	654.64	654.45	37	0.50%	



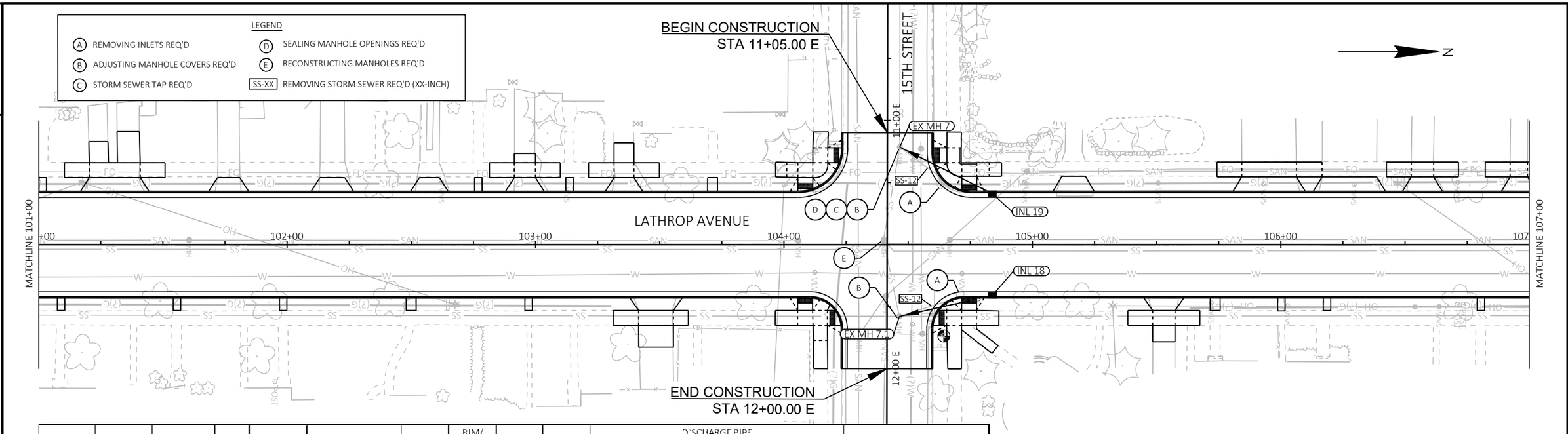
PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	STORM SEWER	SHEET 45	E



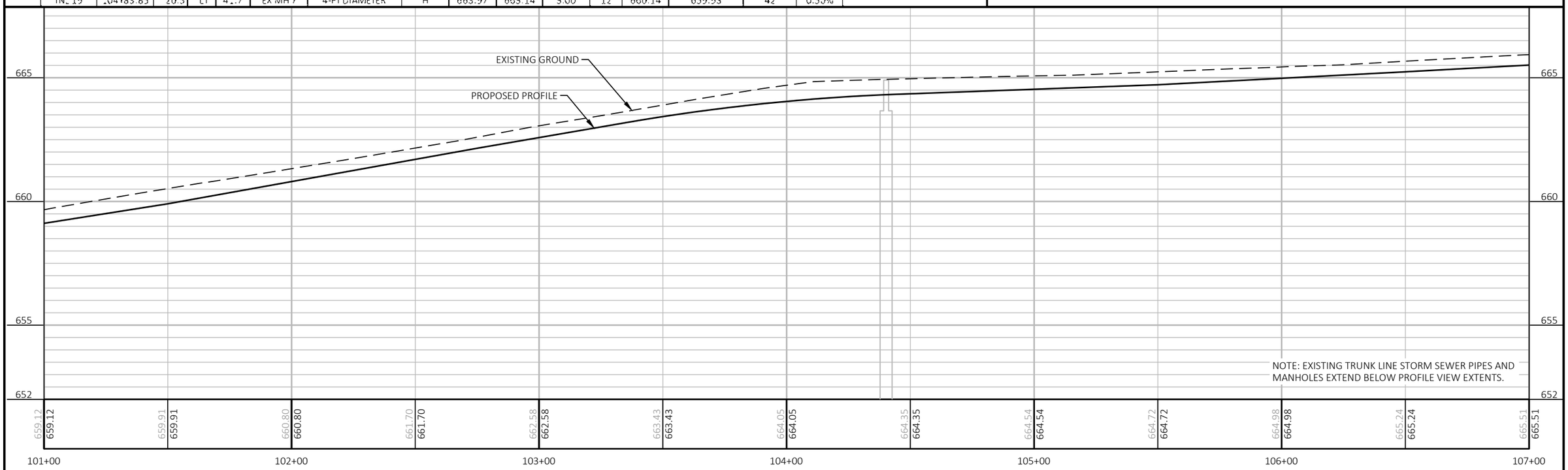
STRUCT NO.	STATION	OFFSET	C C (FT)	TO STRUCT	INLET TYPE	COVER	RIM/ GRATE ELEV.	T.O.S. ELEV.	DEPTH (FT)	DISCHARGE PIPE SIZE (IN)	DISCHARGE PIPE INLET ELEV.	DISCHARGE PIPE DISCHARGE ELEV.	DISCHARGE PIPE LENGTH (FT)	DISCHARGE PIPE SLOPE (%)	REMARKS
IN_12	98+45.95	20.5 'LT	23.1	INL 15.1	4-FT DIAMETER	H	656.09	655.26	2.54	12	652.72	652.61	23	0.50%	
IN_13	98+45.95	20.5 'RT	31.4	INL 13.1	4-FT DIAMETER	H	656.03	655.20	3.32	12	651.88	651.73	31	0.50%	
IN_13.1	98+75.55	30.9 'RT	31.9	EX MH 5	4-FT DIAMETER	H	655.75	654.92	3.19	15	651.73	651.57	32	0.50%	
IN_13.2	98+82.01	54.8 'RT	39.0	INL 13.3	2x3 FT	H-S	655.48	654.65	2.50	12	652.15	651.95	39	0.50%	
IN_13.3	99+21.01	54.8 'RT	30.0	EX MH 5	4-FT DIAMETER	H-S	655.38	654.55	2.60	12	652.05	651.80	30	0.50%	
IN_14	99+20.89	64.3 'LT	39.8	NL 15	2x3-FT	H	656.47	655.64	4.00	12	652.64	651.44	40	0.50%	
IN_14.1	99+28.46	29.7 'LT	23.2	EX MH 6	4-FT DIAMETER	H-S	656.02	655.19	2.81	12	652.38	652.26	23	0.50%	JT LIZE EXIST NG PIPE CUTOUT
IN_15	98+81.94	56.1 'LT	42.2	EX MH 6	4-FT DIAMETER	H	656.59	655.76	4.32	12	652.44	652.23	42	0.50%	
IN_15.1	98+68.62	24.9 'LT	38.1	EX MH 6	4-FT DIAMETER	H-S	655.94	655.28	2.41	12	652.87	652.76	38	0.30%	JT LIZE EXIST NG PIPE CUTOUT
IN_16	99+56.95	20.5 'LT	29.9	INL 14.1	4 FT DIAMETER	H	656.45	655.62	3.09	12	652.53	652.38	30	0.50%	
IN_17	99+56.96	20.5 'RT	50.2	EX MH 5	4-FT DIAMETER	H	656.35	655.52	2.50	12	653.02	652.77	50	0.50%	



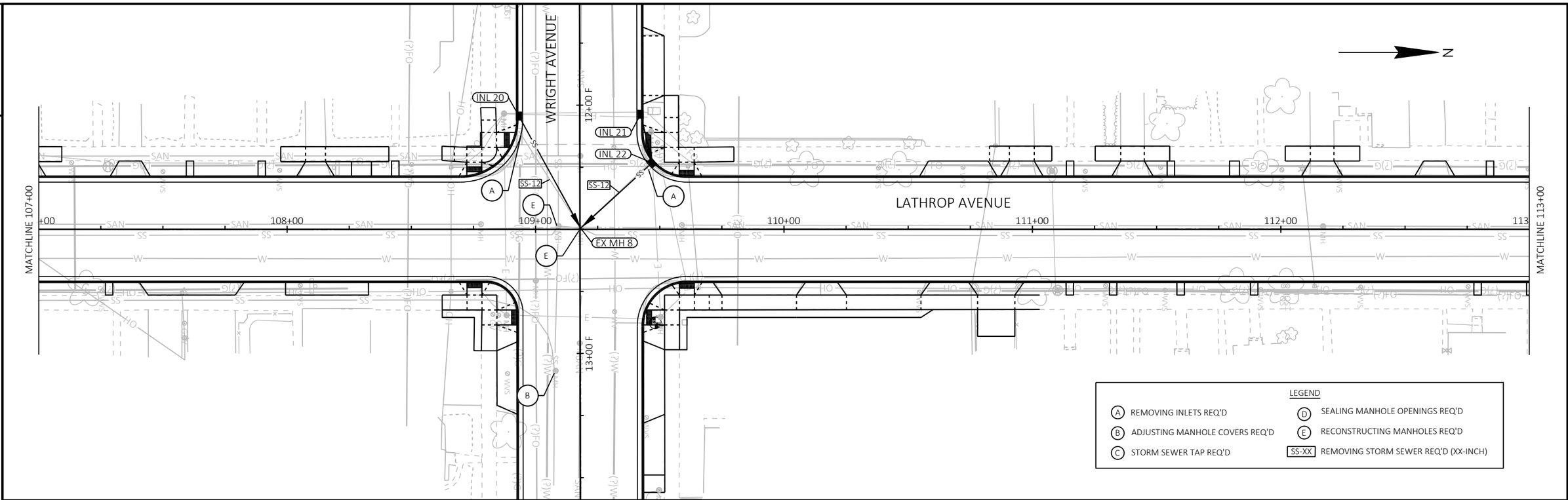
PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	STORM SEWER	SHEET 46	E



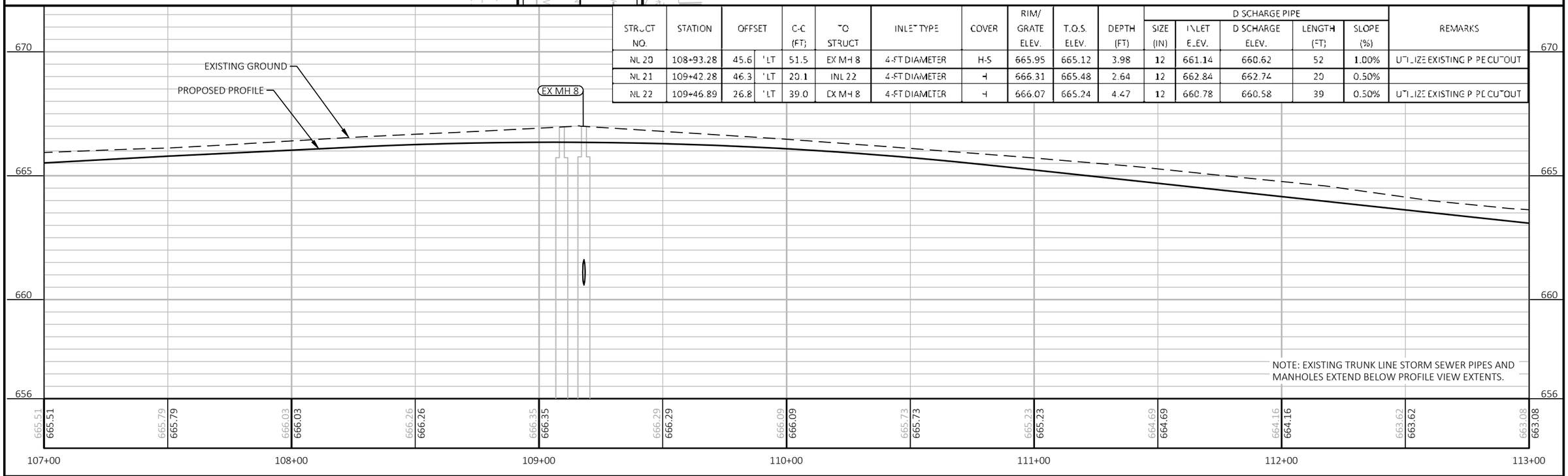
STRUCT NO.	STATION	OFFSET	C-C (FT)	TO STRUCT	INLET TYPE	COVER	RIM/ GRATE ELEV.	T.O.S. ELEV.	DEPTH (FT)	DISCHARGE PIPE SIZE (IN)	DISCHARGE PIPE INLET ELEV.	DISCHARGE PIPE DISCHARGE ELEV.	DISCHARGE PIPE LENGTH (FT)	DISCHARGE PIPE SLOPE (%)	REMARKS
INL 18	104+83.87	20.5 RT	38.4	EX MH 7.1	2x3-FT	H	663.85	663.02	3.80	12	659.22	659.03	38	0.50%	UTILIZE EXISTING PIPE CUTOUT
INL 19	104+83.85	20.5 LT	41.7	EX MH 7	4-FT DIAMETER	H	663.97	663.14	3.00	12	660.14	659.93	42	0.50%	



PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	STORM SEWER	SHEET 47	E



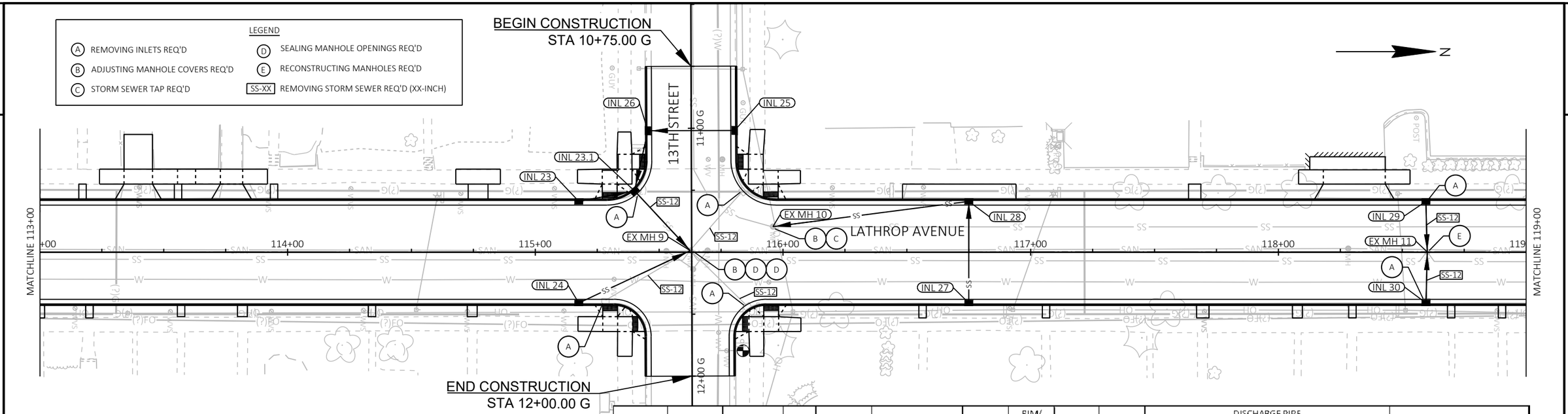
STRUCT NO.	STATION	OFFSET		C-C (FT)	TO STRUCT	INLET TYPE	COVER	RIM/ GRATE ELEV.	T.O.S. ELEV.	DEPTH (FT)	DISCHARGE PIPE SIZE (IN)	DISCHARGE PIPE INLET ELEV.	DISCHARGE PIPE DISCHARGE ELEV.	DISCHARGE PIPE LENGTH (FT)	DISCHARGE PIPE SLOPE (%)	REMARKS
NL 20	108+93.28	45.6	LT	51.5	EX MH 8	4-FT DIAMETER	H-S	665.95	665.12	3.98	12	661.14	660.62	52	1.00%	UTILIZE EXISTING PIPE CUTOUT
NL 21	109+42.28	46.3	LT	20.1	INL 22	4-FT DIAMETER	H	666.31	665.48	2.64	12	662.84	662.74	20	0.50%	
NL 22	109+46.89	26.8	LT	39.0	EX MH 8	4-FT DIAMETER	H	666.07	665.24	4.47	12	660.78	660.58	39	0.50%	UTILIZE EXISTING PIPE CUTOUT



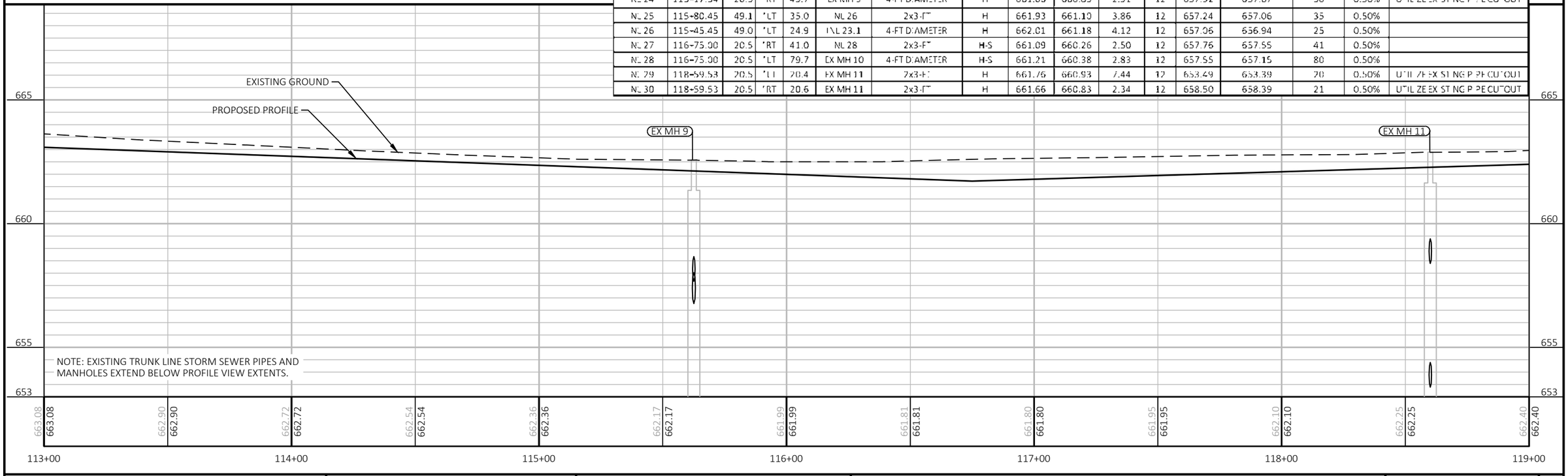
PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	STORM SEWER	SHEET 48	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\022501-SS.DWG
LAYOUT NAME - 022505-ss
PLOT DATE : 7/28/2026 10:40 AM
PLOT BY : WRIGHT, BRANDON
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

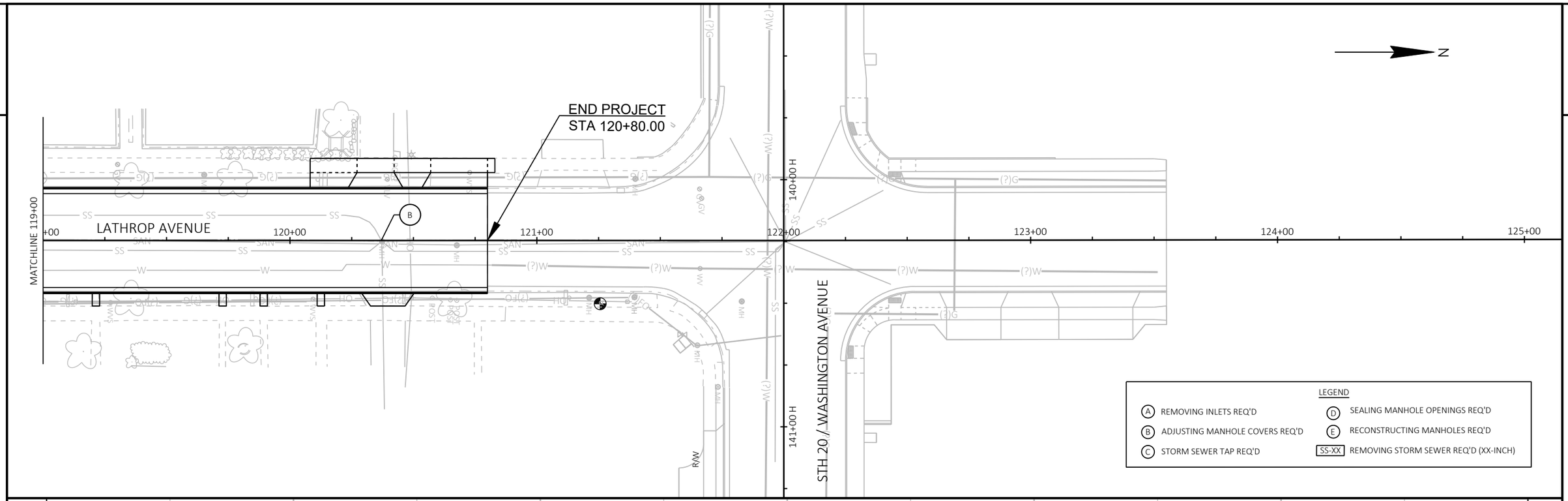
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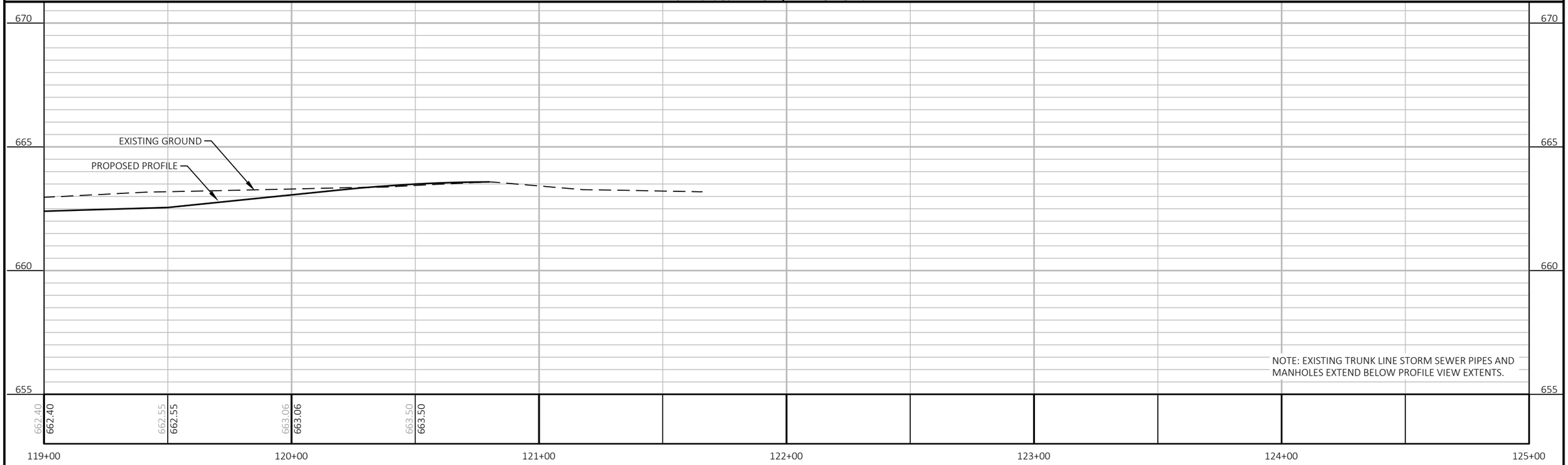


STRUCT NO.	STATION	OFFSET		C-C (FT)	TO STRUCT	INLET TYPE	COVER	RIM/ GRATE ELEV.	T.O.S. ELEV.	DEPTH (FT)	DISCHARGE PIPE SIZE (IN)	DISCHARGE PIPE INLET ELEV.	DISCHARGE PIPE DISCHARGE ELEV.	DISCHARGE PIPE LENGTH (FT)	DISCHARGE PIPE SLOPE (%)	REMARKS
NL 23	115+17.53	20.5	LT	22.9	INL 23.1	4-FT DIAMETER	H	661.78	660.95	3.90	12	657.05	656.94	23	0.50%	
INL 23.1	115+40.02	24.7	LT	33.0	EX MH 9	4-FT DIAMETER	H-S	661.62	660.79	3.85	15	656.94	656.77	33	0.50%	UTILIZE EXISTING PIPE CUTOUT
NL 24	115+17.54	20.5	RT	49.7	EX MH 9	4-FT DIAMETER	H	661.66	660.83	2.91	12	657.92	657.67	50	0.50%	UTILIZE EXISTING PIPE CUTOUT
NL 25	115+80.45	49.1	LT	35.0	NL 26	2x3-FT	H	661.93	661.10	3.86	12	657.24	657.06	35	0.50%	
NL 26	115+45.45	49.0	LT	24.9	INL 23.1	4-FT DIAMETER	H	662.01	661.18	4.12	12	657.06	656.94	25	0.50%	
NL 27	116+75.00	20.5	RT	41.0	NL 28	2x3-FT	H-S	661.09	660.26	2.50	12	657.76	657.55	41	0.50%	
NL 28	116+75.00	20.5	LT	79.7	EX MH 10	4-FT DIAMETER	H-S	661.21	660.38	2.83	12	657.55	657.15	80	0.50%	
NL 29	118+59.53	20.5	LT	20.4	EX MH 11	2x3-FT	H	661.76	660.93	7.44	12	653.49	653.39	70	0.50%	UTILIZE EXISTING PIPE CUTOUT
NL 30	118+59.53	20.5	RT	20.6	EX MH 11	2x3-FT	H	661.66	660.83	2.34	12	658.50	658.39	21	0.50%	UTILIZE EXISTING PIPE CUTOUT



PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	STORM SEWER	SHEET 49	E





PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	STORM SEWER	SHEET 50	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\022501-SS.DWG
LAYOUT NAME - 022507-ss
PLOT DATE : 7/28/2026 10:41 AM PLOT BY : WRIGHT, BRANDON PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

N

REPUBLIC AVENUE

LATHROP AVENUE

83+00 84+00 85+00 86+00 87+00 88+00 89

MATCHLINE 89+00

BEGIN PROJECT
STA 84+85.00

1 BIKE LANE 1-2
BEGIN REMOVE 1-1

STOP REMOVE
STOP R1-1 (3) 1-3

1-4 * N Republic Ave
1-5 * Lathrop Ave
1-6 BIKE LANE R3-17(2S)
1-7 ENDS R3-17BP(2S)

2
2 AHEAD

SPEED LIMIT 25 REMOVE
SPEED LIMIT 25 R2-1 (2S) 1-8

1-9 STOP REMOVE
STOP R1-1 (3)

1-10 SPEED LIMIT 30 R2-1(2S)
SPEED LIMIT 30 REMOVE

1-11 BIKE LANE R3-17(2S)
BIKE LANE REMOVE

1-12 ENDS REMOVE

SIGNING LEGEND

- PROPOSED SIGN MOUNTED ON POSTS TUBULAR STEEL 2X2-INCH X 16 FT
- PROPOSED SIGN MOUNTED ON LIGHT/UTILITY POLE
- EXISTING SIGN MOUNTED ON EXISTING POST
- EXISTING SIGN MOUNTED ON LIGHT/UTILITY POLE
- (1) EXISTING SIGN TO BE MOVED
- (2) EXISTING SIGN TO REMAIN
- * STREET NAME SIGNS AND CITY OWNED SIGNS REMOVED/MOVED/INSTALLED BY OTHERS

NOTES:

TYPE II ALUMINUM SIGNS REMOVED UNDER CONTRACT SHALL BE STORED IN A SECURE LOCATION UNTIL THEY ARE PICKED UP BY THE CITY'S REPRESENTATIVE. NOTIFY THE CITY AFTER SIGNS ARE REMOVED AND READY FOR PICK-UP. CONTACT ARA MOLITOR AT LEAST 5 WORKING DAYS PRIOR TO PICKUP TO MAKE ARRANGEMENTS FOR THE PICKUP.

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 POST 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 CONTRACTED 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.

2

N

17TH STREET

VICTORY AVENUE

LATHROP AVENUE

MATCHLINE 89+00

MATCHLINE 95+00

90+00

91+00

92+00

93+00

94+00

17th St *2-2

Lathrop Ave *2-3

STOP REMOVE

STOP R1-1 (3) 2-4

2-5* BUS STOP

BIKE LANE R3-17 (2S) 2-1

STOP REMOVE

STOP R1-1 (3) 2-7

BIKE LANE R3-17 (2S) 2-6

2-8* Victory Ave

2-9* Lathrop Ave

2-10 REMOVE S1-1 (2S)

2-11 REMOVE S16-7L (2S)

2 2 AHEAD

2-12 BIKE LANE R3-17 (2S)

REMOVE REMOVE S1-1 (2S) S16-7L (2S) 2-13 2-14

STOP REMOVE STOP R1-1 (3) 2-15

2-16 BIKE LANE R3-17 (2S)

SIGNING LEGEND

- PROPOSED SIGN MOUNTED ON POSTS TUBULAR STEEL 2X2-INCH X 16 FT
- PROPOSED SIGN MOUNTED ON LIGHT/UTILITY POLE
- EXISTING SIGN MOUNTED ON EXISTING POST
- EXISTING SIGN MOUNTED ON LIGHT/UTILITY POLE
- (1) EXISTING SIGN TO BE MOVED
- (2) EXISTING SIGN TO REMAIN
- * STREET NAME SIGNS AND CITY OWNED SIGNS REMOVED/MOVED/INSTALLED BY OTHERS

PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	PERMANENT SIGNING	SHEET 52	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\023201-PS.DWG
LAYOUT NAME - 023202-ps

PLOT DATE : 10/21/2026 10:14 AM PLOT BY : GOMEZ, JACK PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

N

2 NEIGHBORHOOD WATCH

2 AHEAD

BIKE LANE R3-17(2S) 3-1

AHEAD R3-17AP(2S) 3-2

2 SPEED LIMIT 30

BUS STOP * 3-3

STOP REMOVE

STOP R1-1F (3) 3-4

BUS STOP 2

NO PARKING 2

3-5 R5-2(2S)

3-6 * 16th St

3-7 * Lathrop Ave

3-8 1

STOP REMOVE

3-9 STOP R1-1F (3)

11+00 D

12+00 D

13+00 D

14+00 D

15+00 D

LATHROP AVENUE

MATCHLINE 95+00

96+00

97+00

98+00

99+00

100+00

MATCHLINE 101+00

A

B

STOP REMOVE

3-10 STOP R1-1F (3)

2

2 NO PARKING ANY TIME

3-11 STOP R1-1F (3) STOP REMOVE

16TH STREET

2 SPEED LIMIT 30

2 BUS STOP

NO PARKING 2

MATCHLINE 14+50 D

MATCHLINE 14+50 D

2 NO PARKING

16TH STREET

A 3-12 3-13 16th St M1-94H (2S)

B 3-14 3-15 Lathrop Ave M1-94H (2S)

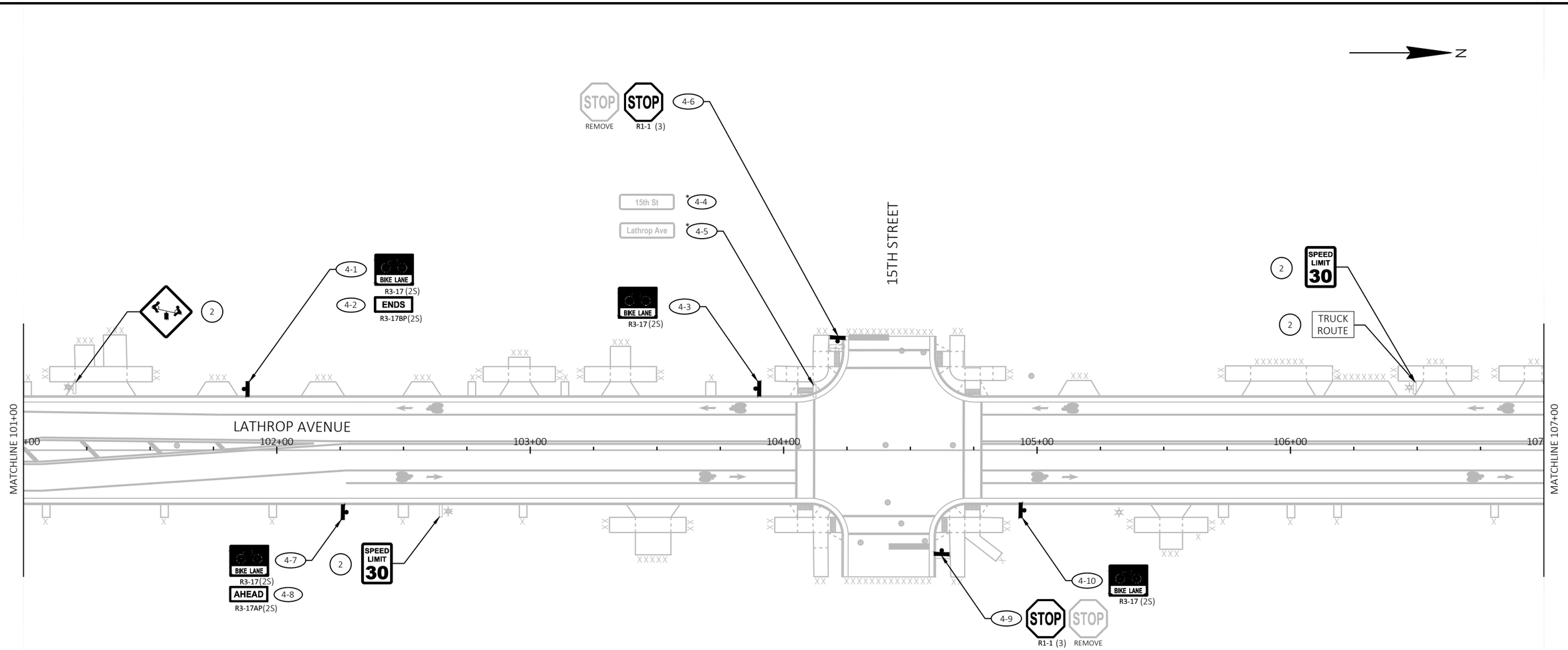
SIGNING LEGEND

- PROPOSED SIGN MOUNTED ON POSTS TUBULAR STEEL 2X2-INCH X 16 FT
- PROPOSED SIGN MOUNTED ON LIGHT/UTILITY POLE
- EXISTING SIGN MOUNTED ON EXISTING POST
- EXISTING SIGN MOUNTED ON LIGHT/UTILITY POLE
- (1) EXISTING SIGN TO BE MOVED
- (2) EXISTING SIGN TO REMAIN
- * STREET NAME SIGNS AND CITY OWNED SIGNS REMOVED/MOVED/INSTALLED BY OTHERS

PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	PERMANENT SIGNING	SHEET 53	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\023201-PS.DWG
LAYOUT NAME - 023203-ps
PLOT DATE : 10/21/2026 10:15 AM PLOT BY : GOMEZ, JACK PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2



SIGNING LEGEND

- PROPOSED SIGN MOUNTED ON POSTS TUBULAR STEEL 2X2-INCH X 16 FT
- PROPOSED SIGN MOUNTED ON LIGHT/UTILITY POLE
- EXISTING SIGN MOUNTED ON EXISTING POST
- EXISTING SIGN MOUNTED ON LIGHT/UTILITY POLE
- (1) EXISTING SIGN TO BE MOVED
- (2) EXISTING SIGN TO REMAIN
- * STREET NAME SIGNS AND CITY OWNED SIGNS REMOVED/MOVED/INSTALLED BY OTHERS

PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	PERMANENT SIGNING	SHEET 54	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\023201-PS.DWG
LAYOUT NAME - 023204-ps
PLOT DATE : 10/21/2026 10:15 AM PLOT BY : GOMEZ, JACK PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

N

WRIGHT AVENUE

LATHROP AVENUE

MATCHLINE 107+00

MATCHLINE 113+00

+00 108+00 109+00 110+00 111+00 112+00 113

Wright Ave * 5-2

Lathrop Ave * 5-3

STOP STOP 5-4
REMOVE R1-1 (3)

Wright Ave 5-5

BIKE LANE 5-1
R3-17 (2S)

* BUS STOP

5-7 STOP STOP
REMOVE R1-1 (3)

5-6 Wright Ave #

PARKING * 5-8

STOP STOP 5-9
REMOVE R1-1 (3)

5-11 BIKE LANE
R3-17(2S)

5-10 STOP STOP
REMOVE R1-1 (3)

= MOUNTED ON EXISTING SIGNAL ARM
(SIGN REMOVAL PAID FOR AS "REMOVE AND SALVAGE TRAFFIC SIGNAL EQUIPMENT")

SIGNING LEGEND

- PROPOSED SIGN MOUNTED ON POSTS TUBULAR STEEL 2X2-INCH X 16 FT
- PROPOSED SIGN MOUNTED ON LIGHT/UTILITY POLE
- EXISTING SIGN MOUNTED ON EXISTING POST
- EXISTING SIGN MOUNTED ON LIGHT/UTILITY POLE
- (1) EXISTING SIGN TO BE MOVED
- (2) EXISTING SIGN TO REMAIN
- * STREET NAME SIGNS AND CITY OWNED SIGNS REMOVED/MOVED/INSTALLED BY OTHERS

PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	PERMANENT SIGNING	SHEET 55	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\023201-PS.DWG
LAYOUT NAME - 023205-ps

PLOT DATE : 10/21/2026 10:15 AM PLOT BY : GOMEZ, JACK PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

N

13TH STREET

STOP REMOVE

STOP R1-1 (3)

6-2

2 BUS STOP

BIKE LANE R3-17(2S)

6-1

NO PARKING 2

2 NO PARKING

6-3

SPEED LIMIT 30 R2-1(2S)

6-4

BIKE LANE R3-17(2S)

6-5

AHEAD R3-17AP(2S)

MATCHLINE 113+00

LATHROP AVENUE

+00 114+00 115+00 116+00 117+00 118+00 119

MATCHLINE 119+00

6-9

BIKE LANE R3-17(2S)

NO PARKING 2

6-10

BIKE LANE R3-17(2S)

6-11

ENDS R3-17BP(2S)

ONLY 2

NO PARKING 2

13th St * 6-6

Lathrop Ave * 6-7

STOP REMOVE

STOP R1-1 (3) 6-8

SIGNING LEGEND

- PROPOSED SIGN MOUNTED ON POSTS TUBULAR STEEL 2X2-INCH X 16 FT
- PROPOSED SIGN MOUNTED ON LIGHT/UTILITY POLE
- EXISTING SIGN MOUNTED ON EXISTING POST
- EXISTING SIGN MOUNTED ON LIGHT/UTILITY POLE
- (1) EXISTING SIGN TO BE MOVED
- (2) EXISTING SIGN TO REMAIN
- * STREET NAME SIGNS AND CITY OWNED SIGNS REMOVED/MOVED/INSTALLED BY OTHERS

PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	PERMANENT SIGNING	SHEET 56	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\023201-PS.DWG
LAYOUT NAME - 023206-ps

PLOT DATE : 10/21/2026 10:15 AM PLOT BY : GOMEZ, JACK PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

N

WASHINGTON AVENUE

LATHROP AVENUE

MATCHLINE 119+00

+00 120+00 121+00 122+00 123+00 124+00 125+00

BUS STOP

END PROJECT
STA 120+80.00

END CONSTRUCTION
STA 121+50

NO PARKING (2)

NO PARKING (2)

NO PARKING (2)

NO PARKING (2)

SIGNING LEGEND

- PROPOSED SIGN MOUNTED ON POSTS TUBULAR STEEL 2X2-INCH X 16 FT
- PROPOSED SIGN MOUNTED ON LIGHT/UTILITY POLE
- EXISTING SIGN MOUNTED ON EXISTING POST
- EXISTING SIGN MOUNTED ON LIGHT/UTILITY POLE
- (1) EXISTING SIGN TO BE MOVED
- (2) EXISTING SIGN TO REMAIN
- * STREET NAME SIGNS AND CITY OWNED SIGNS REMOVED/MOVED/INSTALLED BY OTHERS

PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	PERMANENT SIGNING	SHEET 57	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\023201-PS.DWG
LAYOUT NAME - 023207-ps

PLOT DATE : 10/21/2026 10:15 AM PLOT BY : GOMEZ, JACK PLOT NAME : PLOT SCALE : 1 IN:40 FT

LEGEND

- CONTROL CABINET
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX) SIGNAL HEAD, TRAFFIC SIGNAL POLE, TRANSFORMER BASE
- PEDESTRIAN HEAD
- PUSH BUTTON
- DON'T WALK INDICATOR 16" / WALK INDICATOR 16"
- LUMINAIRE
- VX VIDEO DETECTION CAMERA
- XX SIGNAL HEAD NUMBER
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- PULL BOX STEEL, 24" X 36"
- NOTE: ALL LENSES ARE 12-INCH

CONSTRUCTION NOTES

1. EXISTING CONDUIT RUNS ARE TO BE REMOVED UNLESS OTHERWISE NOTED OR DIRECTED BY ENGINEER.
2. THE LOCATIONS OF THE EXISTING AND PROPOSED UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT WHICH ARE NOT SHOWN.
3. PEDESTAL BASES, TRAFFIC SIGNAL STANDARDS, TRAFFIC SIGNAL HEADS, PEDESTRIAN SIGNAL EQUIPMENT, ALL MISCELLANEOUS FITTINGS, AND TRAFFIC SIGNAL CONTROL CABINET SHALL BE SALVAGED AND STORED IN A SECURE LOCATION FOR THE CITY TO PICK UP.
4. REMOVE 6-CT FIBER OPTIC CABLE FROM CB1 TO LATHROP AVENUE AND STH 20/WASHINGTON AVENUE. COIL AND PROTECT THE FIBER OPTIC CABLE AT LATHROP AVENUE AND STH 20/WASHINGTON AVENUE. TRAFFIC SIGNAL REMOVALS SHALL NOT BEGIN UNTIL THE FIBER OPTIC CABLE HAS BEEN REMOVED, COILED, AND PROTECTED AT LATHROP AVENUE AND STH 20/WASHINGTON AVENUE. SEE FTMS PLANS FOR FIBER OPTIC CABLE REMOVAL DETAILS.
5. GRAY SHADE REPRESENTS EXISTING. BOLD REPRESENTS ITEMS TO BE REMOVED.

N

LATHROP AVENUE

16TH STREET

POSTED SPEED LIMIT = 30 MPH

R/W

98+00 99+00 100+00 12+00 D 13+00 D

SB1 SB2 SB3 SB4 SB5 SB6 SB7 SB8

PB1 PB2 PB3 PB4 PB5

CB1

V1 V2 V3 V4

TRAFFIC CONTROL SIGNAL

LATHROP AVENUE AND 16TH STREET
CITY OF RACINE
RACINE COUNTY

SIGNAL NO. LOCAL

REGION CONTACT:
DESIGNED BY: STRAND ASSOCIATES INC.
REVISED BY:

PAGE 1 OF 1

PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	TRAFFIC SIGNAL REMOVAL PLAN	SHEET 58	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\024001-SR.DWG
LAYOUT NAME - 024001-sr
PLOT DATE : 8/7/2026 9:08 AM
PLOT BY : WRIGHT, BRANDON
PLOT NAME :
PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 42

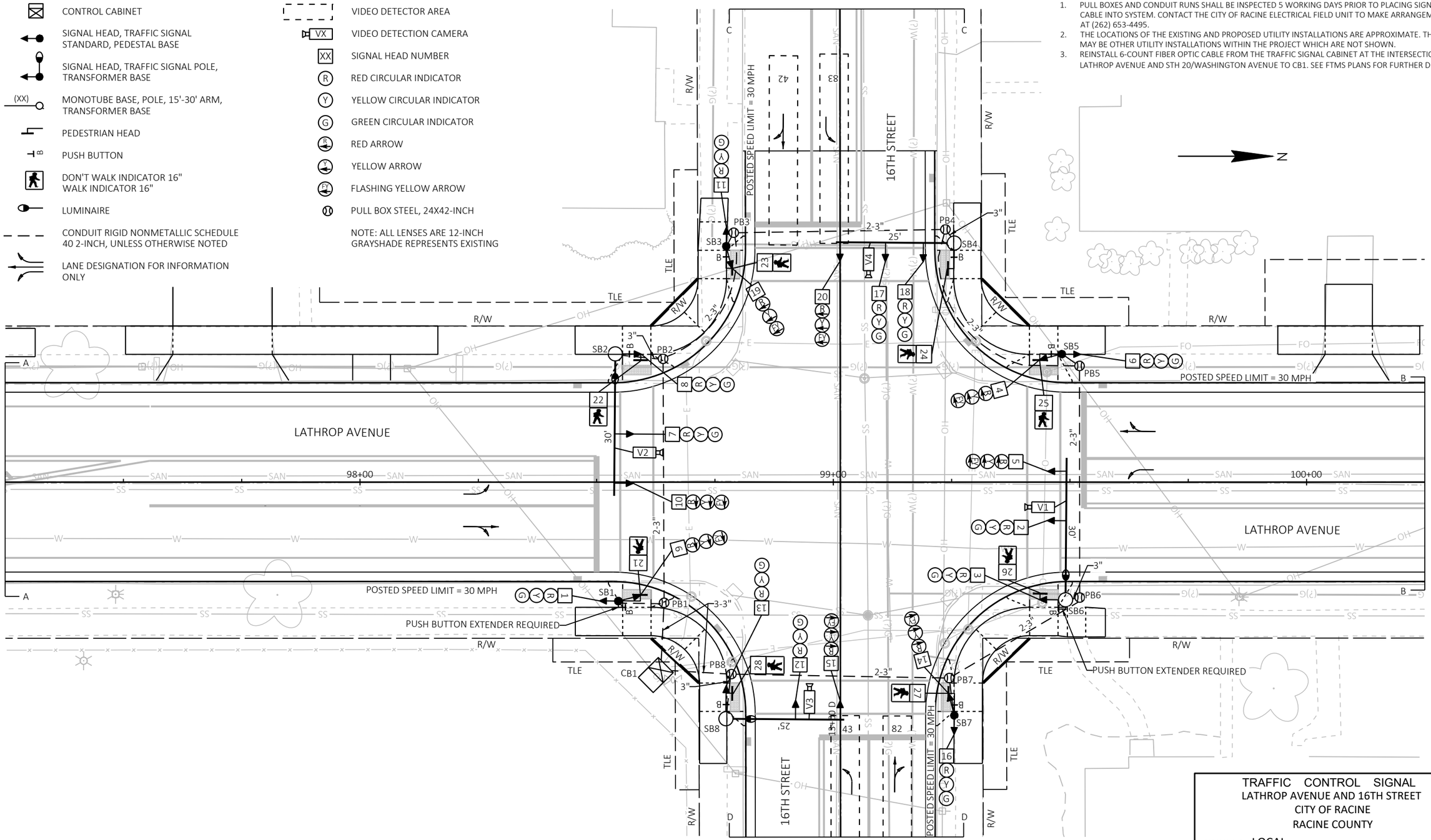
LEGEND

- CONTROL CABINET
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- SIGNAL HEAD, TRAFFIC SIGNAL POLE, TRANSFORMER BASE
- (XX) MONOTUBE BASE, POLE, 15'-30' ARM, TRANSFORMER BASE
- PEDESTRIAN HEAD
- PB PUSH BUTTON
- DON'T WALK INDICATOR 16" / WALK INDICATOR 16"
- LUMINAIRE
- CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH, UNLESS OTHERWISE NOTED
- LANE DESIGNATION FOR INFORMATION ONLY
- VIDEO DETECTOR AREA
- VX VIDEO DETECTION CAMERA
- XX SIGNAL HEAD NUMBER
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- RA RED ARROW
- YA YELLOW ARROW
- FYA FLASHING YELLOW ARROW
- PULL BOX STEEL, 24X42-INCH

NOTE: ALL LENSES ARE 12-INCH
GRAYSHADE REPRESENTS EXISTING

CONSTRUCTION NOTES

1. PULL BOXES AND CONDUIT RUNS SHALL BE INSPECTED 5 WORKING DAYS PRIOR TO PLACING SIGNAL CABLE INTO SYSTEM. CONTACT THE CITY OF RACINE ELECTRICAL FIELD UNIT TO MAKE ARRANGEMENTS AT (262) 653-4495.
2. THE LOCATIONS OF THE EXISTING AND PROPOSED UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT WHICH ARE NOT SHOWN.
3. REINSTALL 6-COUNT FIBER OPTIC CABLE FROM THE TRAFFIC SIGNAL CABINET AT THE INTERSECTION OF LATHROP AVENUE AND STH 20/WASHINGTON AVENUE TO CB1. SEE FTMS PLANS FOR FURTHER DETAILS



TRAFFIC CONTROL SIGNAL
LATHROP AVENUE AND 16TH STREET
CITY OF RACINE
RACINE COUNTY

SIGNAL NO. LOCAL

REGION CONTACT:
DESIGNED BY: STRAND ASSOCIATES INC.
REVISED BY:

PAGE 1 OF 5

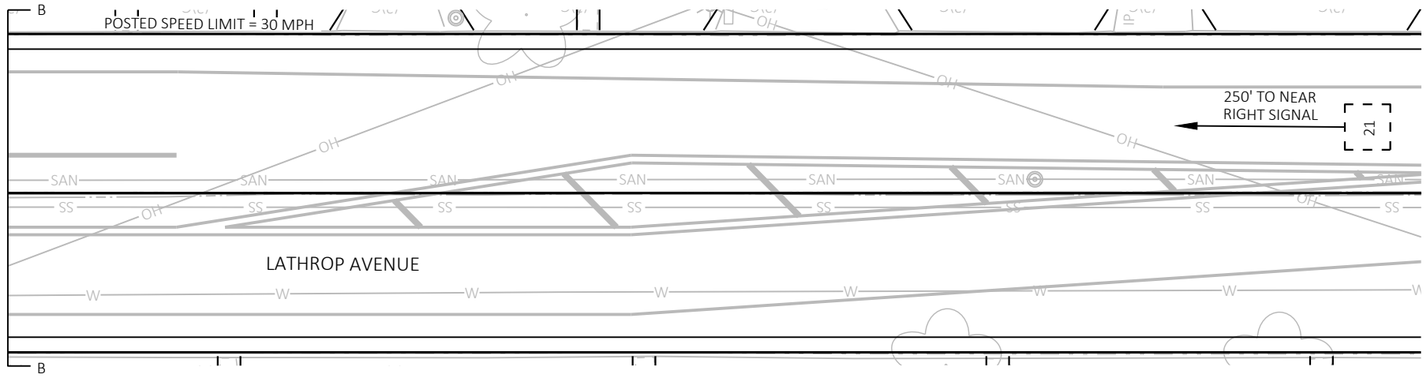
PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	TRAFFIC SIGNAL PLAN	SHEET 59	E

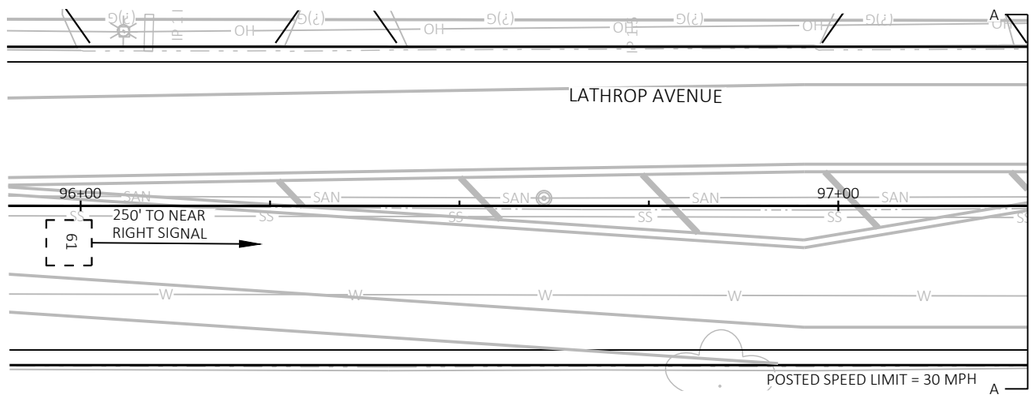
FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\024201-SP.DWG
LAYOUT NAME - 024201-sp
PLOT DATE : 8/7/2026 9:09 AM
PLOT BY : WRIGHT, BRANDON
PLOT NAME :
PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 42

2

N





TRAFFIC CONTROL SIGNAL
LATHROP AVENUE AND 16TH STREET
CITY OF RACINE
RACINE COUNTY

SIGNAL NO. LOCAL

REGION CONTACT:
DESIGNED BY: STRAND ASSOCIATES INC.
REVISED BY:

PAGE 2 OF 5

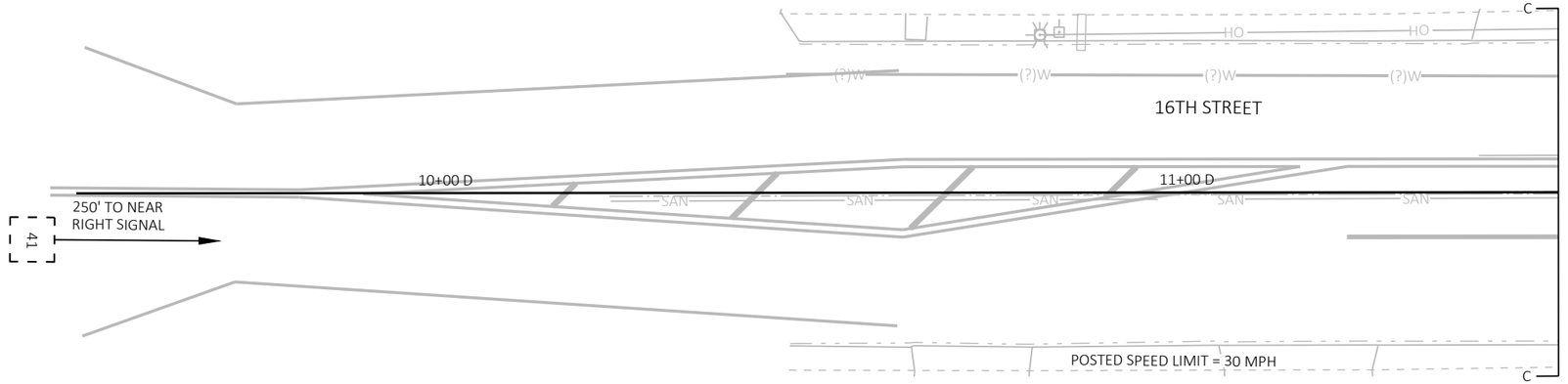
PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	TRAFFIC SIGNAL PLAN	SHEET 60	E

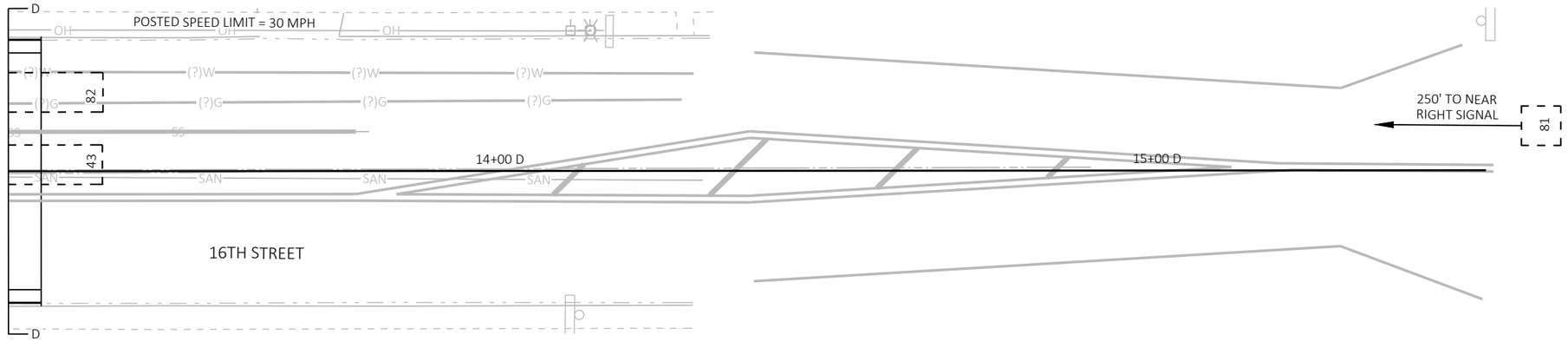
FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\024201-SP.DWG
LAYOUT NAME - 024202-sp

PLOT DATE : 8/7/2026 9:09 AM PLOT BY : WRIGHT, BRANDON PLOT NAME : PLOT SCALE : 1 IN:20 FT

2

N





TRAFFIC CONTROL SIGNAL
LATHROP AVENUE AND 16TH STREET
CITY OF RACINE
RACINE COUNTY

SIGNAL NO. LOCAL

REGION CONTACT:
DESIGNED BY: STRAND ASSOCIATES INC.
REVISED BY:

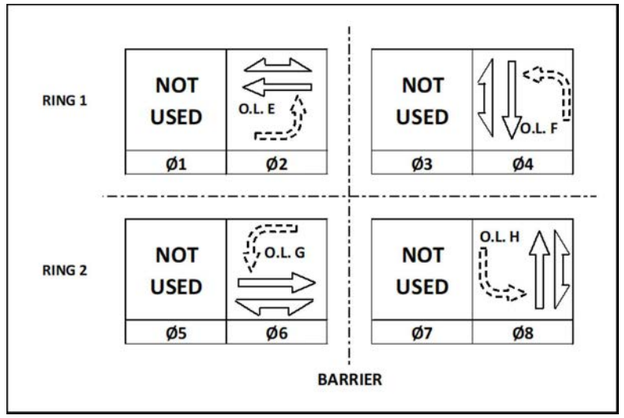
PAGE 3 OF 5

PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	TRAFFIC SIGNAL PLAN	SHEET 61	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\024201-SP.DWG
LAYOUT NAME - 024203-sp

PLOT DATE : 8/7/2026 9:09 AM PLOT BY : WRIGHT, BRANDON PLOT NAME : PLOT SCALE : 1 IN:20 FT

	HEAD NUMBERS	FLASH
Ø2	6,7,8	R
Ø4	11,12,13	R
Ø6	1,2,3	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				
2	X	6	MIN	X
3				
4		8		X
5				
6	X	2	MIN	X
7				
8		4		X

TYPE OF INTERCONNECT/COMMUNICATION	
NONE	
CLOSED LOOP	
TWISTED PAIR	
FIBER OPTIC*	X
FIBER OPTIC (ETHERNET)	
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	
IN TRAFFIC CABINET	X
IN SEPARATE DOT LIGHTING CABINET	

TYPE OF PRE-EMPT	
NONE	X
RAILROAD	
EMERGENCY VEHICLE	
GTT	
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)	21	42	61	82													PLAN LOOP DETECTOR*(S)
CALLED PHASE	2	4	6	8													CALLED PHASE
CALL OPTION	X	X	X	X													CALL OPTION
DELAY TIME																	DELAY TIME
EXTENTION OPTION	X	X	X	X													EXTENTION OPTION
EXTEND TIME	X	X	X	X													EXTEND TIME
USE ADDED INITIAL																	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	DETECTOR INPUT
PLAN LOOP DETECTOR*(S)	41	43	81	83													PLAN LOOP DETECTOR*(S)
CALLED PHASE	4	4	8	8													CALLED PHASE
CALL OPTION		X		X													CALL OPTION
DELAY TIME																	DELAY TIME
EXTENTION OPTION	X	X	X	X													EXTENTION OPTION
EXTEND TIME	X		X														EXTEND TIME
USE ADDED INITIAL																	USE ADDED INITIAL
CROSS SWITCH PHASE																	CROSS SWITCH PHASE

TRAFFIC CONTROL SIGNAL
LATHROP AVENUE AND 16TH STREET
CITY OF RACINE
RACINE COUNTY

SIGNAL NO. LOCAL

REGION CONTACT:
DESIGNED BY: STRAND ASSOCIATES INC.
REVISED BY:

PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	SEQUENCE OF OPERATIONS	SHEET 62	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\024201-SP.DWG
LAYOUT NAME - 024204-sp
PLOT DATE : 8/7/2026 9:09 AM
PLOT BY : WRIGHT, BRANDON
PLOT NAME :
PLOT SCALE :
WISDOT/CADDS SHEET 42

PROJECT ID:	2703-07-72
INTERSECTION:	Lathrop Avenue & 16th Street

Signal Wire Color Coding	BLK - black	RED - red	GRN - green
	WHT - white	BLU - blue	ORG - orange

CB1 TO	NO. OF CONDUCTORS	HEAD NO.	SIGNAL INDICATION WIRE COLOR									PED BUTTON	OTHER
			RED	YELLOW	GREEN	<RED>	<YELLOW>	<GREEN>	<FLASHING YELLOW>	D/WALK	WALK		
SB1	12	1	RED	ORG	GRN								
		9				RED/BLK	ORG/BLK		BLK/WHT				
		21								BLK	BLU		
		B										WHT/BLK	
SB2	12	7	RED	ORG	GRN								
		8	RED	ORG	GRN								
		10				RED/BLK	ORG/BLK		BLK/WHT				
		22								BLK	BLU		
		B										WHT/BLK	
SB3	12	11	RED	ORG	GRN								
		19				RED/BLK	ORG/BLK		BLK/WHT				
		23								BLK	BLU		
		B										WHT/BLK	
SB4	12	17	RED	ORG	GRN								
		18	RED	ORG	GRN								
		20				RED/BLK	ORG/BLK		BLK/WHT				
		24								BLK	BLU		
		B										WHT/BLK	
SB5	12	4				RED/BLK	ORG/BLK		BLK/WHT				
		6	RED	ORG	GRN								
		25								BLK	BLU		
		B										WHT/BLK	
SB6	12	2	RED	ORG	GRN								
		3	RED	ORG	GRN								
		5				RED/BLK	ORG/BLK		BLK/WHT				
		26								BLK	BLU		
		B										WHT/BLK	
SB7	12	14				RED/BLK	ORG/BLK		BLK/WHT				
		16	RED	ORG	GRN								
		27								BLK	BLU		
		B										WHT/BLK	
SB8	12	12	RED	ORG	GRN								
		13	RED	ORG	GRN								
		15				RED/BLK	ORG/BLK		BLK/WHT				
		28								BLK	BLU		
		B										WHT/BLK	

Equipment grounding conductor 10 AWG Green XLP	
From	To
CB1	SB1
SB1	SB2
SB2	SB3
SB3	SB4
SB4	SB5
SB5	SB6
SB6	SB7
SB7	SB8
SB8	CB1

Pull Box Bonding Jumper 10 AWG Green XLP	
From	To
PB1	SB1
PB2	SB2
PB3	SB3
PB4	SB4
PB5	SB5
PB6	SB6
PB7	SB7
PB8	SB8

Lighting UF 2-10 AWG Grounded	
From	To
CB1	SB2
CB1	SB8
SB8	SB6

VIDEO DETECTION CABLE	
From	To
CB1	SB2 (V2)
CB1	SB4 (V4)
CB1	SB6 (V1)
CB1	SB8 (V3)

*Use the white conductor in the cable assembly as the grounded conductor for all traffic signal indications
*Ensure the grounded conductor in the feeder cable and the pole cables are both 18" longer than the ungrounded conductors.
*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.
*Reconnect the grounding conductors wherever the circuit has been interrupted to ensure the grounding circuit is complete.

TRAFFIC CONTROL SIGNAL
LATHROP AVENUE AND 16TH STREET
CITY OF RACINE
RACINE COUNTY

SIGNAL NO. LOCAL

REGION CONTACT:
DESIGNED BY: STRAND ASSOCIATES INC.
REVISED BY:

PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	CABLE ROUTING	SHEET 63	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\024201-SP.DWG
LAYOUT NAME - 024205-sp
PLOT DATE : 8/7/2026 9:09 AM
PLOT BY : WRIGHT, BRANDON
PLOT NAME :
PLOT SCALE :
WISDOT/CADDS SHEET 42

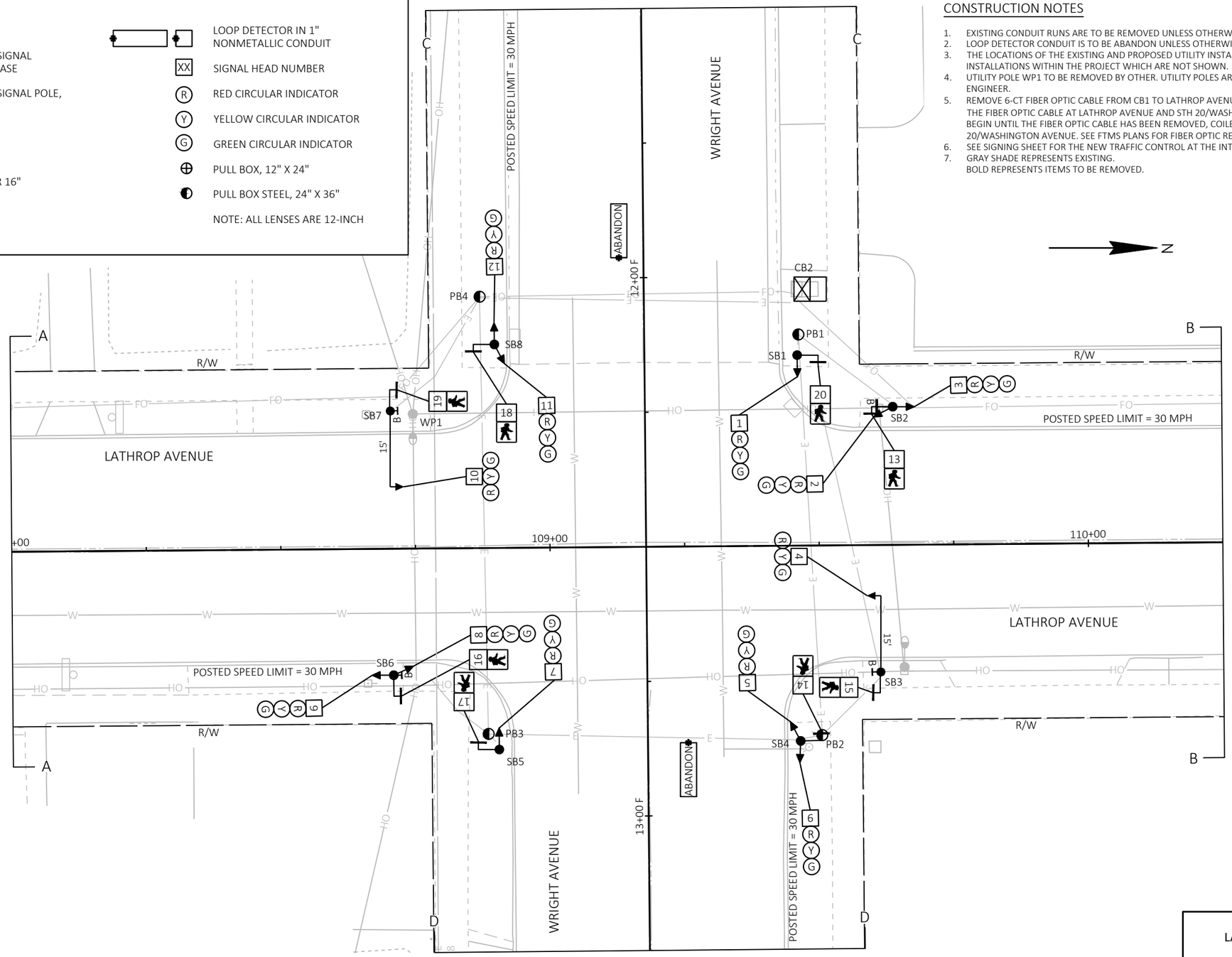
LEGEND

- CONTROL CABINET
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX) SIGNAL HEAD, TRAFFIC SIGNAL POLE, TRANSFORMER BASE
- PEDESTRIAN HEAD
- PB PUSH BUTTON
- DON'T WALK INDICATOR 16" / WALK INDICATOR 16"
- LOOP DETECTOR IN 1" NONMETALLIC CONDUIT
- XX SIGNAL HEAD NUMBER
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- PULL BOX, 12" X 24"
- PULL BOX STEEL, 24" X 36"

NOTE: ALL LENSES ARE 12-INCH

CONSTRUCTION NOTES

1. EXISTING CONDUIT RUNS ARE TO BE REMOVED UNLESS OTHERWISE NOTED OR DIRECTED BY ENGINEER.
2. LOOP DETECTOR CONDUIT IS TO BE ABANDON UNLESS OTHERWISE NOTED OR DIRECTED BY ENGINEER.
3. THE LOCATIONS OF THE EXISTING AND PROPOSED UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT WHICH ARE NOT SHOWN.
4. UTILITY POLE WP1 TO BE REMOVED BY OTHER. UTILITY POLES ARE TO REMAIN UNLESS OTHERWISE NOTED OR DIRECTED BY ENGINEER.
5. REMOVE 6-CT FIBER OPTIC CABLE FROM CB1 TO LATHROP AVENUE AND STH 20/WASHINGTON AVENUE. COIL AND PROTECT THE FIBER OPTIC CABLE AT LATHROP AVENUE AND STH 20/WASHINGTON AVENUE. TRAFFIC SIGNAL REMOVALS SHALL NOT BEGIN UNTIL THE FIBER OPTIC CABLE HAS BEEN REMOVED, COILED, AND PROTECTED AT LATHROP AVENUE AND STH 20/WASHINGTON AVENUE. SEE FTMS PLANS FOR FIBER OPTIC REMOVAL DETAILS.
6. SEE SIGNING SHEET FOR THE NEW TRAFFIC CONTROL AT THE INTERSECTION OF LATHROP AVENUE AND WRIGHT AVENUE.
7. GRAY SHADE REPRESENTS EXISTING.
   BOLD REPRESENTS ITEMS TO BE REMOVED.



TRAFFIC CONTROL SIGNAL
LATHROP AVENUE AND WRIGHT AVENUE
CITY OF RACINE
RACINE COUNTY

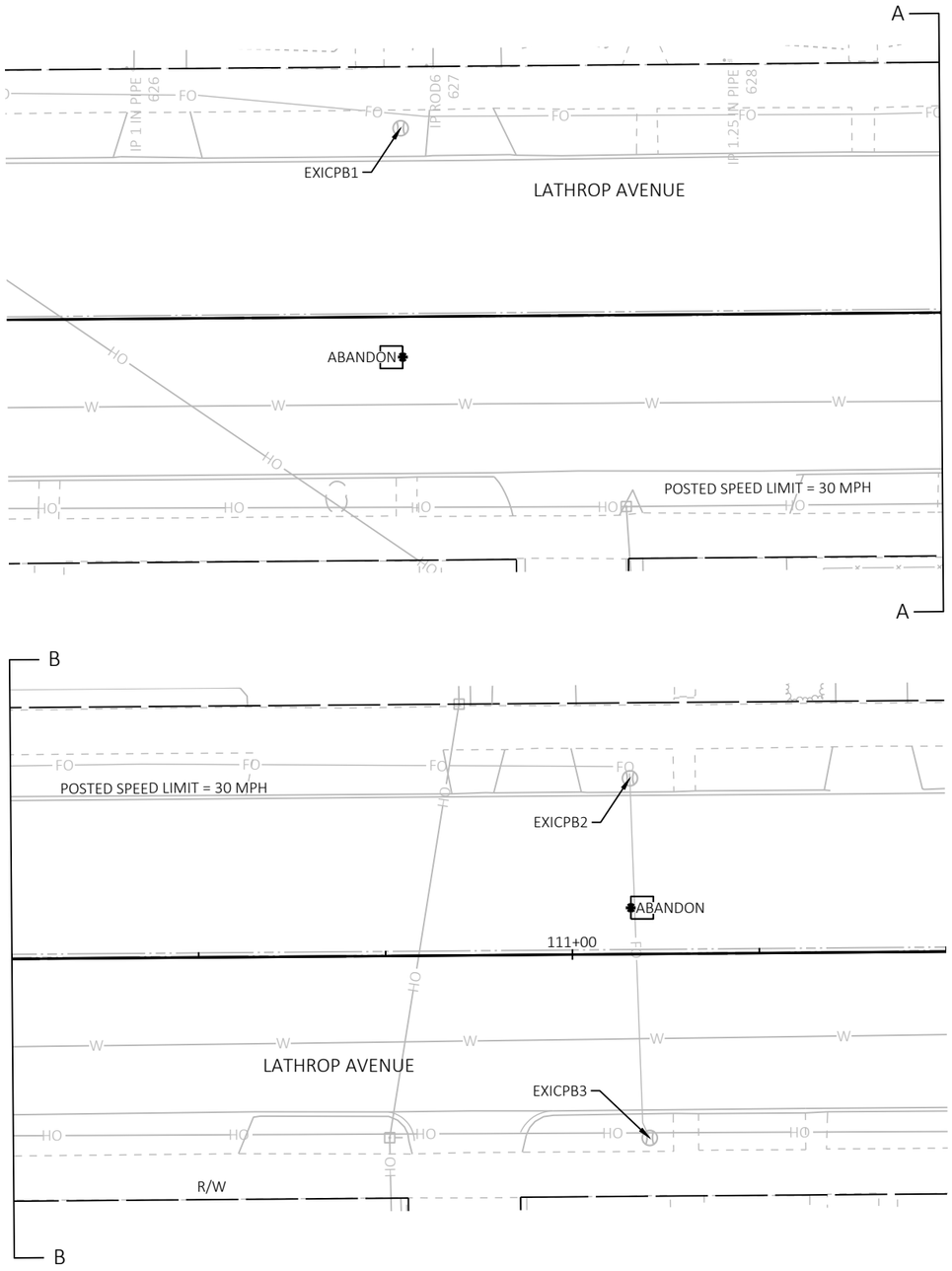
SIGNAL NO. LOCAL

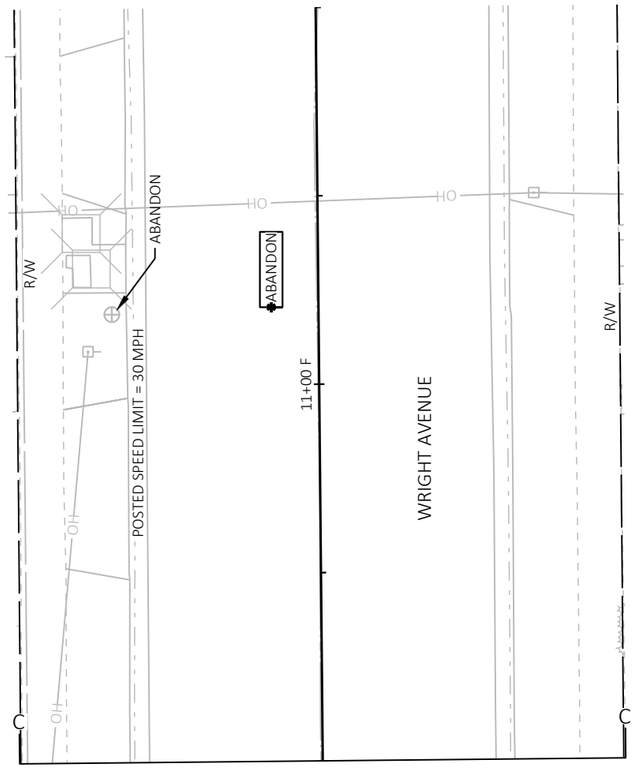
REGION CONTACT:
DESIGNED BY: STRAND ASSOCIATES INC.
REVISED BY:

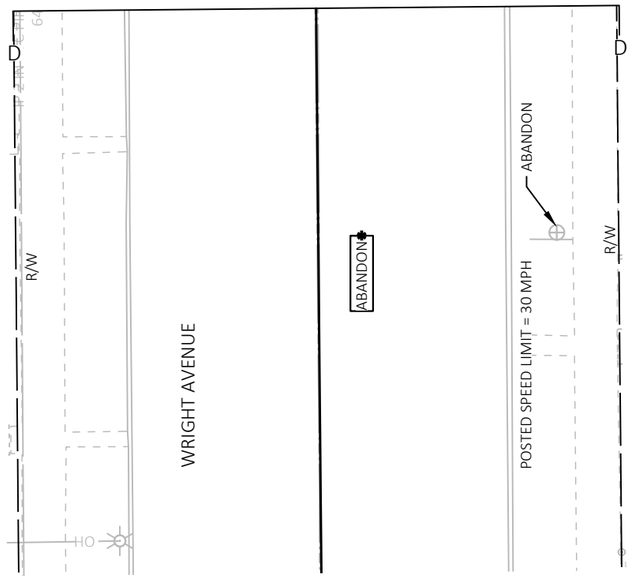
PAGE 1 OF 2

PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	TRAFFIC SIGNAL REMOVAL PLAN	SHEET 64	E

2







N

TRAFFIC CONTROL SIGNAL
LATHROP AVENUE AND WRIGHT AVENUE
CITY OF RACINE
RACINE COUNTY

SIGNAL NO. LOCAL

REGION CONTACT:
DESIGNED BY: STRAND ASSOCIATES INC.
REVISED BY:

PAGE 2 OF 2

PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	TRAFFIC SIGNAL REMOVAL PLAN	SHEET 65	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\024001-SR.DWG
LAYOUT NAME - 024003-sr

PLOT DATE : 8/7/2026 9:10 AM PLOT BY : WRIGHT, BRANDON PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 42

2

N

16TH STREET

LATHROP AVENUE

95+00 96+00 97+00 98+00 99+00 100+00 101

11+00 D

12+00 D

13+00 D

14+00 D

MATCHLINE 101+00

R/W

REMOVE CABLE (EXISTING FIBER OPTIC CABLE)
REINSTALL CABLE (EXISTING FIBER OPTIC CABLE)
EXISTING INTERCONNECT CONDUIT TO REMAIN

EXICPB-2R
REMOVING PULL BOXES

PB5

REMOVE CABLE (EXISTING FIBER OPTIC CABLE)

EXICPB-1R
REMOVING PULL BOXES REQ'D

PB6

REMOVE CABLE (EXISTING FIBER OPTIC CABLE)

PB8

CB1

SLOPE INTERCEPT (TYP.)

DISCONNECT EXISTING FIBER OPTIC CABLE FROM CB1 AND REMOVE EXISTING FIBER OPTIC CABLE FROM CB1 AND REMOVE EXISTING FIBER OPTIC CABLE TO EXICPB4, EXICPB5, AND EXICPB6 AT THE LATHROP AVENUE AND WASHINGTON AVENUE INTERSECTION. COIL AND PROTECT FIBER OPTIC CABLE IN EXICPB4, EXICPB5, AND EXICPB6.

CB1
(1) ETHERNET SWITCHES
(1) FIBER OPTIC TERMINATION PANEL
(4) FIBER OPTIC TERMINATION

REINSTALL CABLE (EXISTING FIBER OPTIC CABLE) IN SIGNAL CONDUIT
SEE SIGNAL PLANS FOR ADDITIONAL INFORMATION

PB7

REINSTALL CABLE (EXISTING FIBER OPTIC CABLE) IN SIGNAL CONDUIT
SEE SIGNAL PLANS FOR ADDITIONAL INFORMATION

REINSTALL CABLE (EXISTING FIBER OPTIC CABLE) IN SIGNAL CONDUIT
SEE SIGNAL PLANS FOR ADDITIONAL INFORMATION

CONSTRUCTION NOTES

1. PROTECT EXISTING INTERCONNECT CONDUIT THAT RUNS ALONG LATHROP AVENUE FROM CB1 AT 16TH STREET TO EXCB1 AT WASHINGTON AVENUE/STH 20. AS SHOWN ON PLANS. INTERCONNECT CONDUIT IS TO REMAIN IN-PLACE THROUGHOUT CONSTRUCTION AS SHOWN ON PLANS.
2. BEFORE REMOVALS IMPACT EXISTING FIBER OPTIC CABLE, DISCONNECT EXISTING FIBER OPTIC CABLE FROM CB1 AND CB2 AND REMOVE CABLE. PROTECT FIBER OPTIC CABLE AT EXICPB4, EXICPB5, AND EXICPB6 THROUGHOUT CONSTRUCTION.
3. ONCE NEW INTERCONNECT CONDUIT AND SIGNAL CONDUIT AT LATHROP AVENUE AND 16TH STREET IS COMPLETE, REINSTALL FIBER OPTIC CABLE FROM EXICPB4, EXICPB5, AND EXICPB6 TO CB1.
4. COMPLETE FIBER OPTIC TERMINATIONS AT CB1 AND COMMUNICATION SYSTEM TESTING.

LEGEND

	CONTROL CABINET AND BASE (SEE SIGNAL PLANS)
	PULL BOXES STEEL 24X42-INCH
ICPB	INTERCONNECT PULL BOXES
EXICPB	EXISTING INTERCONNECT PULL BOXES
PB	SIGNAL PULL BOXES (SEE SIGNAL PLANS)
	NONMETALLIC INTERCONNECT CONDUIT 3", UNLESS OTHERWISE NOTED
	EXISTING INTERCONNECT CONDUIT
	SIGNAL CONDUIT (SEE SIGNAL PLANS)
	NOTE: GREYSHADE REPRESENTS EXISTING, UNLESS OTHERWISE NOTED

PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	FTMS PLANS	SHEET 66	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\024202-FO.DWG
LAYOUT NAME - 024202-fo
PLOT DATE : 7/28/2026 10:53 AM PLOT BY : WRIGHT, BRANDON PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

N

15TH STREET

LATHROP AVENUE

REMOVE CABLE (EXISTING FIBER OPTIC CABLE)
REINSTALL CABLE (EXISTING FIBER OPTIC CABLE)
EXISTING INTERCONNECT CONDUIT TO REMAIN

REMOVE CABLE, ABANDON CONDUIT.
CONDUIT RIGID NONMETTALIC SCHEDULE 40 3-INCH
REINSTALL CABLE (EXISTING FIBER OPTIC CABLE)

REMOVE CABLE (EXISTING FIBER OPTIC CABLE)
REINSTALL CABLE (EXISTING FIBER OPTIC CABLE)
EXISTING INTERCONNECT CONDUIT TO REMAIN

ICPB1

ICPB2

SLOPE INTERCEPT (TYP.)

MATCHLINE 101+00

MATCHLINE 107+00

11+00 E

12+00 E

13+00 E

R/W

CONSTRUCTION NOTES

1. PROTECT EXISTING INTERCONNECT CONDUIT THAT RUNS ALONG LATHROP AVENUE FROM CB1 AT 16TH STREET TO EXCB1 AT WASHINGTON AVENUE/STH 20. AS SHOWN ON PLANS. INTERCONNECT CONDUIT IS TO REMAIN IN-PLACE THROUGHOUT CONSTRUCTION AS SHOWN ON PLANS.
2. BEFORE REMOVALS IMPACT EXISTING FIBER OPTIC CABLE, DISCONNECT EXISTING FIBER OPTIC CABLE FROM CB1 AND CB2 AND REMOVE CABLE. PROTECT FIBER OPTIC CABLE AT EXICPB4, EXICPB5, AND EXICPB6 THROUGHOUT CONSTRUCTION.
3. ONCE NEW INTERCONNECT CONDUIT AND SIGNAL CONDUIT AT LATHROP AVENUE AND 16TH STREET IS COMPLETE, REINSTALL FIBER OPTIC CABLE FROM EXICPB4, EXICPB5, AND EXICPB6 TO CB1.
4. COMPLETE FIBER OPTIC TERMINATIONS AT CB1 AND COMMUNICATION SYSTEM TESTING.

LEGEND

	CONTROL CABINET AND BASE (SEE SIGNAL PLANS)
	PULL BOXES STEEL 24X42-INCH
ICPB	INTERCONNECT PULL BOXES
EXICPB	EXISTING INTERCONNECT PULL BOXES
PB	SIGNAL PULL BOXES (SEE SIGNAL PLANS)
	NONMETALLIC INTERCONNECT CONDUIT 3", UNLESS OTHERWISE NOTED
	EXISTING INTERCONNECT CONDUIT
	SIGNAL CONDUIT (SEE SIGNAL PLANS)
	NOTE: GREYSHADE REPRESENTS EXISTING, UNLESS OTHERWISE NOTED

2

2

N

WRIGHT AVENUE

LATHROP AVENUE

MATCHLINE 107+00

MATCHLINE 113+00

11+00 F

12+00 F

13+00 F

14+00 F

107+00

108+00

109+00

110+00

111+00

112+00

113

R/W

REMOVE CABLE, ABANDON CONDUIT

REMOVE CABLE, ABANDON CONDUIT
CONDUIT RIGID NONMETTALIC SCHEDULE 40 3-INCH
REINSTALL CABLE (EXISTING FIBER OPTIC CABLE)

REMOVE CABLE (EXISTING FIBER OPTIC CABLE)
REINSTALL CABLE (EXISTING FIBER OPTIC CABLE)
EXISTING INTERCONNECT CONDUIT TO REMAIN

EXICPB1

ICPB3

CB2

DISCONNECT ALL EXISTING FIBER OPTIC CABLE FROM CB2 AND REMOVE EXISTING FIBER OPTIC CABLES TO EXICPB4, EXICPB5, AND EXICPB6 AT THE LATHROP AVENUE AND WASHINGTON AVENUE INTERSECTION. COIL AND PROTECT FIBER OPTIC CABLE IN EXICPB4, EXICPB5, AND EXICPB6.

REMOVE CABLE, ABANDON CONDUIT

ICPB4
(1) FIBER OPTIC SPLICE ENCLOSURE
(6) FIBER OPTIC SPLICE

REMOVE CABLE (EXISTING FIBER OPTIC CABLE)
REINSTALL CABLE (EXISTING FIBER OPTIC CABLE)
EXISTING INTERCONNECT CONDUIT TO REMAIN

SLOPE INTERCEPT (TYP.)

ICPB4

INSTALL CONDUIT INTO EXISTING ITEM

EXICPB2

INSTALL CONDUIT INTO EXISTING ITEM

REMOVE CABLE (EXISTING FIBER OPTIC CABLE)
REINSTALL CABLE (EXISTING FIBER OPTIC CABLE)
EXISTING INTERCONNECT CONDUIT TO REMAIN

REMOVE CABLE, ABANDON CONDUIT
CONDUIT RIGID NONMETTALIC SCHEDULE 40 3-INCH
REINSTALL CABLE (EXISTING FIBER OPTIC CABLE)

EXICPB3

CONSTRUCTION NOTES

1. PROTECT EXISTING INTERCONNECT CONDUIT THAT RUNS ALONG LATHROP AVENUE FROM CB1 AT 16TH STREET TO EXCB1 AT WASHINGTON AVENUE/STH 20. AS SHOWN ON PLANS. INTERCONNECT CONDUIT IS TO REMAIN IN-PLACE THROUGHOUT CONSTRUCTION AS SHOWN ON PLANS.
2. BEFORE REMOVALS IMPACT EXISTING FIBER OPTIC CABLE, DISCONNECT EXISTING FIBER OPTIC CABLE FROM CB1 AND CB2 AND REMOVE CABLE. PROTECT FIBER OPTIC CABLE AT EXICPB4, EXICPB5, AND EXICPB6 THROUGHOUT CONSTRUCTION.
3. ONCE NEW INTERCONNECT CONDUIT AND SIGNAL CONDUIT AT LATHROP AVENUE AND 16TH STREET IS COMPLETE, REINSTALL FIBER OPTIC CABLE FROM EXICPB4, EXICPB5, AND EXICPB6 TO CB1.
4. COMPLETE FIBER OPTIC TERMINATIONS AT CB1 AND COMMUNICATION SYSTEM TESTING.

LEGEND

⊠	CONTROL CABINET AND BASE (SEE SIGNAL PLANS)
⊕	PULL BOXES STEEL 24X42-INCH
ICPB	INTERCONNECT PULL BOXES
EXICPB	EXISTING INTERCONNECT PULL BOXES
PB	SIGNAL PULL BOXES (SEE SIGNAL PLANS)
– – – –	NONMETALLIC INTERCONNECT CONDUIT 3", UNLESS OTHERWISE NOTED
– – – –	EXISTING INTERCONNECT CONDUIT
– – – –	SIGNAL CONDUIT (SEE SIGNAL PLANS)
	NOTE: GREYSHADE REPRESENTS EXISTING, UNLESS OTHERWISE NOTED

PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	FTMS PLANS	SHEET 68	E

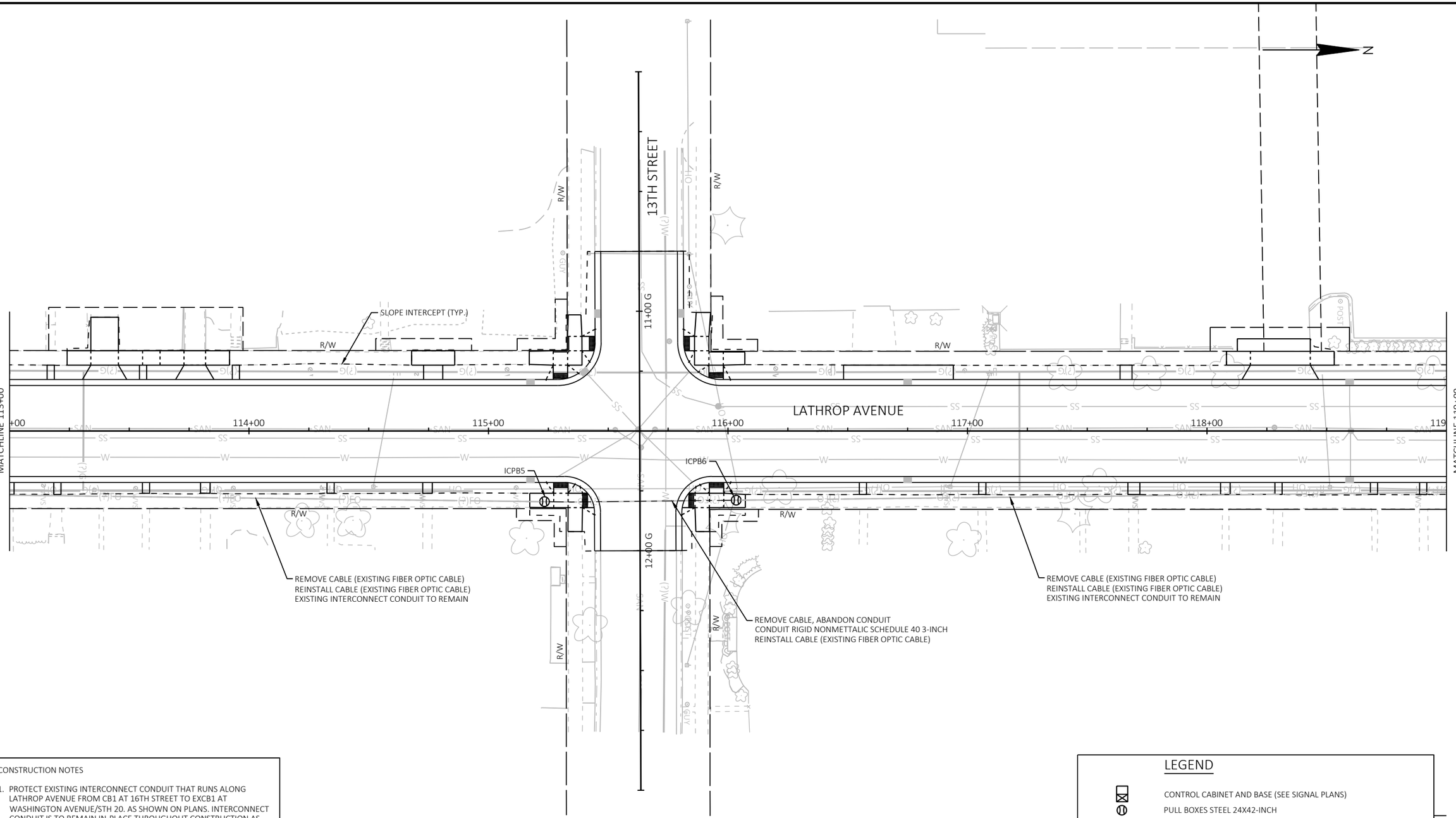
FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\024202-FO.DWG
LAYOUT NAME - 024204-fo

PLOT DATE : 7/28/2026 10:53 AM PLOT BY : WRIGHT, BRANDON PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2



CONSTRUCTION NOTES

1. PROTECT EXISTING INTERCONNECT CONDUIT THAT RUNS ALONG LATHROP AVENUE FROM CB1 AT 16TH STREET TO EXCB1 AT WASHINGTON AVENUE/STH 20. AS SHOWN ON PLANS. INTERCONNECT CONDUIT IS TO REMAIN IN-PLACE THROUGHOUT CONSTRUCTION AS SHOWN ON PLANS.
2. BEFORE REMOVALS IMPACT EXISTING FIBER OPTIC CABLE, DISCONNECT EXISTING FIBER OPTIC CABLE FROM CB1 AND CB2 AND REMOVE CABLE. PROTECT FIBER OPTIC CABLE AT EXICPB4, EXICPB5, AND EXICPB6 THROUGHOUT CONSTRUCTION.
3. ONCE NEW INTERCONNECT CONDUIT AND SIGNAL CONDUIT AT LATHROP AVENUE AND 16TH STREET IS COMPLETE, REINSTALL FIBER OPTIC CABLE FROM EXICPB4, EXICPB5, AND EXICPB6 TO CB1.
4. COMPLETE FIBER OPTIC TERMINATIONS AT CB1 AND COMMUNICATION SYSTEM TESTING.

LEGEND

⊠	CONTROL CABINET AND BASE (SEE SIGNAL PLANS)
ⓘ	PULL BOXES STEEL 24X42-INCH
ICPB	INTERCONNECT PULL BOXES
EXICPB	EXISTING INTERCONNECT PULL BOXES
PB	SIGNAL PULL BOXES (SEE SIGNAL PLANS)
– – – –	NONMETALLIC INTERCONNECT CONDUIT 3", UNLESS OTHERWISE NOTED
– – – –	EXISTING INTERCONNECT CONDUIT
– – – –	SIGNAL CONDUIT (SEE SIGNAL PLANS)
	NOTE: GREYSHADE REPRESENTS EXISTING, UNLESS OTHERWISE NOTED

PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	FTMS PLANS	SHEET 69	E

2

N

MATCHLINE 119+00

+00

120+00

121+00

122+00

123+00

124+00

125+00

139+00 H

140+00 H

141+00 H

LATHROP AVENUE

STH 20 / WASHINGTON AVENUE

R/W

SLOPE INTERCEPT (TYP.)

END PROJECT
STA 120+80.00

EXICPB4

EXICPB5

EXICPB6

EXCB1

COIL AND PROTECT FIBER OPTIC CABLE
REMOVED FROM CB1 AND CB2.
INCIDENTAL TO REMOVE CABLE.

REMOVE CABLE (EXISTING FIBER OPTIC CABLE)
REINSTALL CABLE (EXISTING FIBER OPTIC CABLE)
EXISTING INTERCONNECT CONDUIT TO REMAIN

CONSTRUCTION NOTES

1. PROTECT EXISTING INTERCONNECT CONDUIT THAT RUNS ALONG LATHROP AVENUE FROM CB1 AT 16TH STREET TO EXCB1 AT WASHINGTON AVENUE/STH 20. AS SHOWN ON PLANS. INTERCONNECT CONDUIT IS TO REMAIN IN-PLACE THROUGHOUT CONSTRUCTION AS SHOWN ON PLANS.
2. BEFORE REMOVALS IMPACT EXISTING FIBER OPTIC CABLE, DISCONNECT EXISTING FIBER OPTIC CABLE FROM CB1 AND CB2 AND REMOVE CABLE. PROTECT FIBER OPTIC CABLE AT EXICPB4, EXICPB5, AND EXICPB6 THROUGHOUT CONSTRUCTION.
3. ONCE NEW INTERCONNECT CONDUIT AND SIGNAL CONDUIT AT LATHROP AVENUE AND 16TH STREET IS COMPLETE, REINSTALL FIBER OPTIC CABLE FROM EXICPB4, EXICPB5, AND EXICPB6 TO CB1.
4. COMPLETE FIBER OPTIC TERMINATIONS AT CB1 AND COMMUNICATION SYSTEM TESTING.

LEGEND

	CONTROL CABINET AND BASE (SEE SIGNAL PLANS)
	PULL BOXES STEEL 24X42-INCH
ICPB	INTERCONNECT PULL BOXES
EXICPB	EXISTING INTERCONNECT PULL BOXES
PB	SIGNAL PULL BOXES (SEE SIGNAL PLANS)
	NONMETALLIC INTERCONNECT CONDUIT 3", UNLESS OTHERWISE NOTED
	EXISTING INTERCONNECT CONDUIT
	SIGNAL CONDUIT (SEE SIGNAL PLANS)
	NOTE: GREYSHADE REPRESENTS EXISTING, UNLESS OTHERWISE NOTED

PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	FTMS PLANS	SHEET 70	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\024202-FO.DWG
LAYOUT NAME - 024206-fo
PLOT DATE : 7/28/2026 10:54 AM
PLOT BY : WRIGHT, BRANDON
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

N

REPUBLIC AVENUE

LATHROP AVENUE

MATCHLINE 89+00

W4 DY CW W4 DY 13' 13' W4 W4

83+00 ±00 84+00 10' SE ±24

SE ±95 85+00 7' 4' SL 7' CW CW CW CW 7' 7' 4' SL

AE SE ±02 W4 DY 86+00 87+00 88+00 89 5' 11' 11' 5' 6'

AE SE ±22 SE AE W4 +54 AE SE +72 SE AE

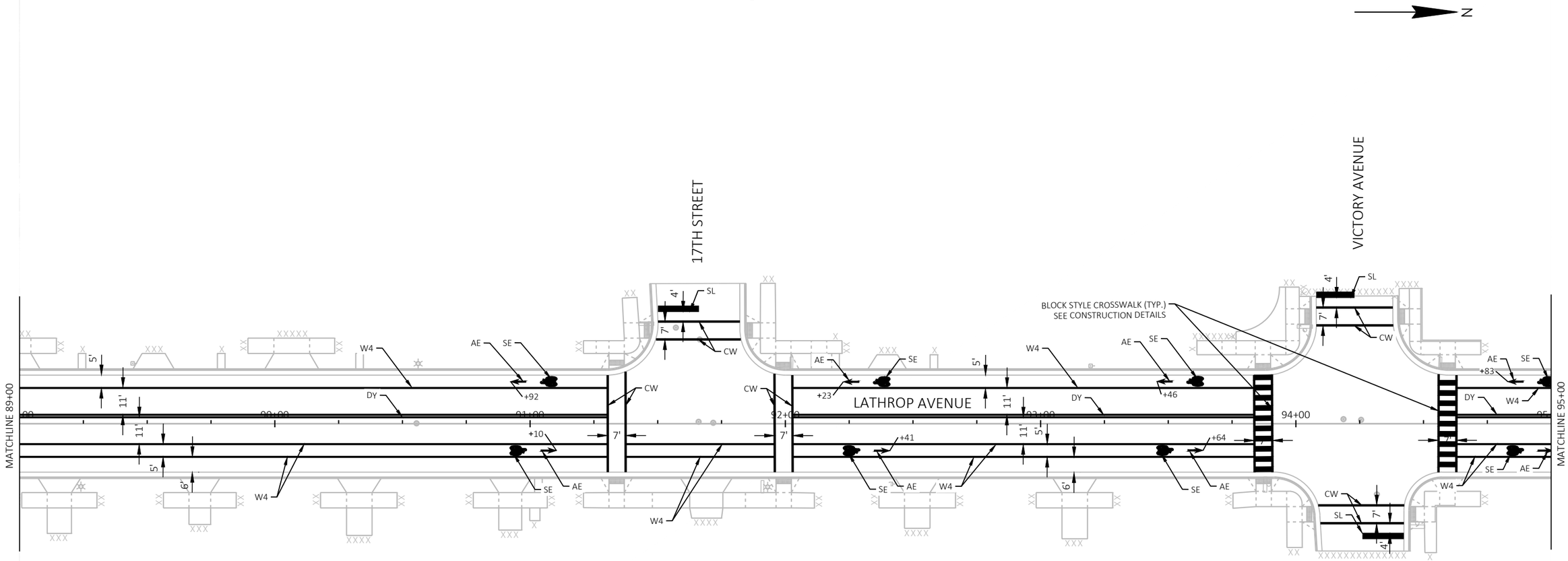
PAVEMENT MARKING LEGEND

DY	MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)
W4	MARKING LINE EPOXY 4-INCH (WHITE)
WD4	MARKING LINE EPOXY 4-INCH (WHITE SKIP 3' SEG., 9' GAP)
WS4	MARKING LINE EPOXY 4-INCH (WHITE SKIP 12.5' SEG., 37.5' GAP)
W8	MARKING LINE EPOXY 8-INCH (WHITE)
W12	MARKING DIAGONAL EPOXY 12-INCH (WHITE)
Y12	MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
SL	MARKING STOP LINE EPOXY 18-INCH
CW	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH
AE	MARKING ARROW EPOXY
SE	MARKING SYMBOL EPOXY
·,,,,,,	MARKING REMOVAL

PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	PAVEMENT MARKING	SHEET 71	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\024501-PM.DWG
LAYOUT NAME - 024501-pm
PLOT DATE : 10/23/2026 9:00 AM PLOT BY : WRIGHT, BRANDON PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2



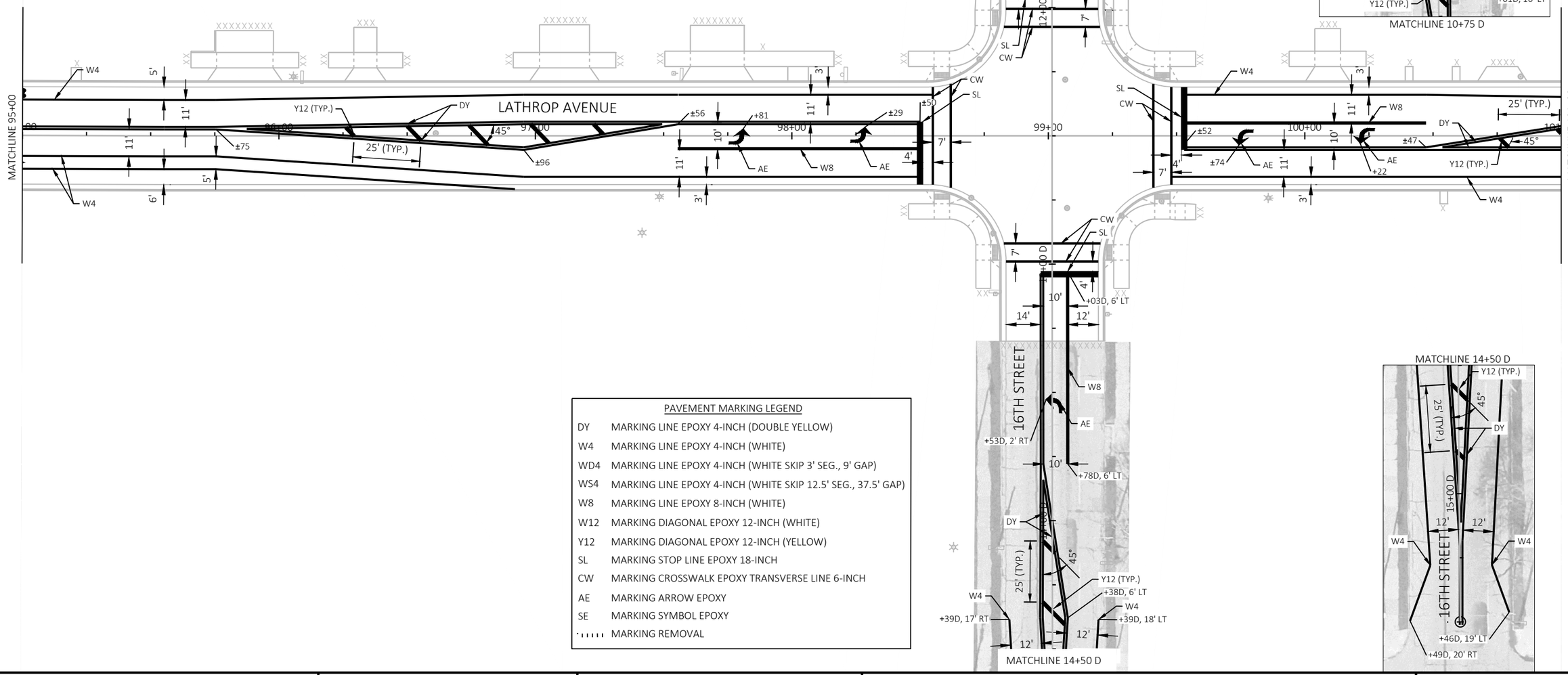
PAVEMENT MARKING LEGEND	
DY	MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)
W4	MARKING LINE EPOXY 4-INCH (WHITE)
WD4	MARKING LINE EPOXY 4-INCH (WHITE SKIP 3' SEG., 9' GAP)
WS4	MARKING LINE EPOXY 4-INCH (WHITE SKIP 12.5' SEG., 37.5' GAP)
W8	MARKING LINE EPOXY 8-INCH (WHITE)
W12	MARKING DIAGONAL EPOXY 12-INCH (WHITE)
Y12	MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
SL	MARKING STOP LINE EPOXY 18-INCH
CW	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH
AE	MARKING ARROW EPOXY
SE	MARKING SYMBOL EPOXY
·,,,,,,	MARKING REMOVAL

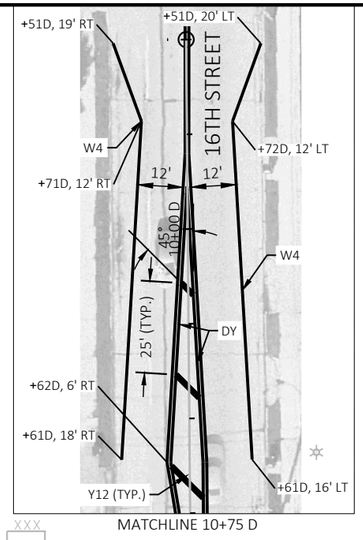
PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	PAVEMENT MARKING	SHEET 72	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\024501-PM.DWG
LAYOUT NAME - 024502-pm
PLOT DATE : 10/23/2026 9:00 AM
PLOT BY : WRIGHT, BRANDON
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

N





PAVEMENT MARKING LEGEND

DY	MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)
W4	MARKING LINE EPOXY 4-INCH (WHITE)
WD4	MARKING LINE EPOXY 4-INCH (WHITE SKIP 3' SEG., 9' GAP)
WS4	MARKING LINE EPOXY 4-INCH (WHITE SKIP 12.5' SEG., 37.5' GAP)
W8	MARKING LINE EPOXY 8-INCH (WHITE)
W12	MARKING DIAGONAL EPOXY 12-INCH (WHITE)
Y12	MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
SL	MARKING STOP LINE EPOXY 18-INCH
CW	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH
AE	MARKING ARROW EPOXY
SE	MARKING SYMBOL EPOXY
⋯⋯	MARKING REMOVAL

PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	PAVEMENT MARKING	SHEET 73	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\024501-PM.DWG
LAYOUT NAME - 024503-pm
PLOT DATE : 10/23/2026 9:00 AM
PLOT BY : WRIGHT, BRANDON
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

N

15TH STREET

LATHROP AVENUE

MATCHLINE 101+00

MATCHLINE 107+00

DY
W4
Y12 (TYP.)
45°
25' (TYP.)
±07
±00
±27
±47
±65
±67
±85
±01
±98
±16
±70
±88
AE
SE
SL
CW
5'
11'
6'
7'
4'

PAVEMENT MARKING LEGEND	
DY	MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)
W4	MARKING LINE EPOXY 4-INCH (WHITE)
WD4	MARKING LINE EPOXY 4-INCH (WHITE SKIP 3' SEG., 9' GAP)
WS4	MARKING LINE EPOXY 4-INCH (WHITE SKIP 12.5' SEG., 37.5' GAP)
W8	MARKING LINE EPOXY 8-INCH (WHITE)
W12	MARKING DIAGONAL EPOXY 12-INCH (WHITE)
Y12	MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
SL	MARKING STOP LINE EPOXY 18-INCH
CW	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH
AE	MARKING ARROW EPOXY
SE	MARKING SYMBOL EPOXY
·,,,,,,	MARKING REMOVAL

PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	PAVEMENT MARKING	SHEET 74	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\024501-PM.DWG
LAYOUT NAME - 024504-pm

PLOT DATE : 10/23/2026 9:00 AM PLOT BY : WRIGHT, BRANDON PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

N

WRIGHT AVENUE

±00 F

11+00 F

12+00 F

14+00 F

23'

23'

DY

SL

4'

±18

CW

7'

SE

AE

W4

5'

11'

±30

±67

±48

±88

±69

±06

±17

±60 F

LATHROP AVENUE

MATCHLINE 107+00

MATCHLINE 113+00

108+00

109+00

110+00

111+00

112+00

+38

+56

9'

PAVEMENT MARKING LEGEND

DY	MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)
W4	MARKING LINE EPOXY 4-INCH (WHITE)
WD4	MARKING LINE EPOXY 4-INCH (WHITE SKIP 3' SEG., 9' GAP)
WS4	MARKING LINE EPOXY 4-INCH (WHITE SKIP 12.5' SEG., 37.5' GAP)
W8	MARKING LINE EPOXY 8-INCH (WHITE)
W12	MARKING DIAGONAL EPOXY 12-INCH (WHITE)
Y12	MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
SL	MARKING STOP LINE EPOXY 18-INCH
CW	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH
AE	MARKING ARROW EPOXY
SE	MARKING SYMBOL EPOXY
' ' ' ' ' '	MARKING REMOVAL

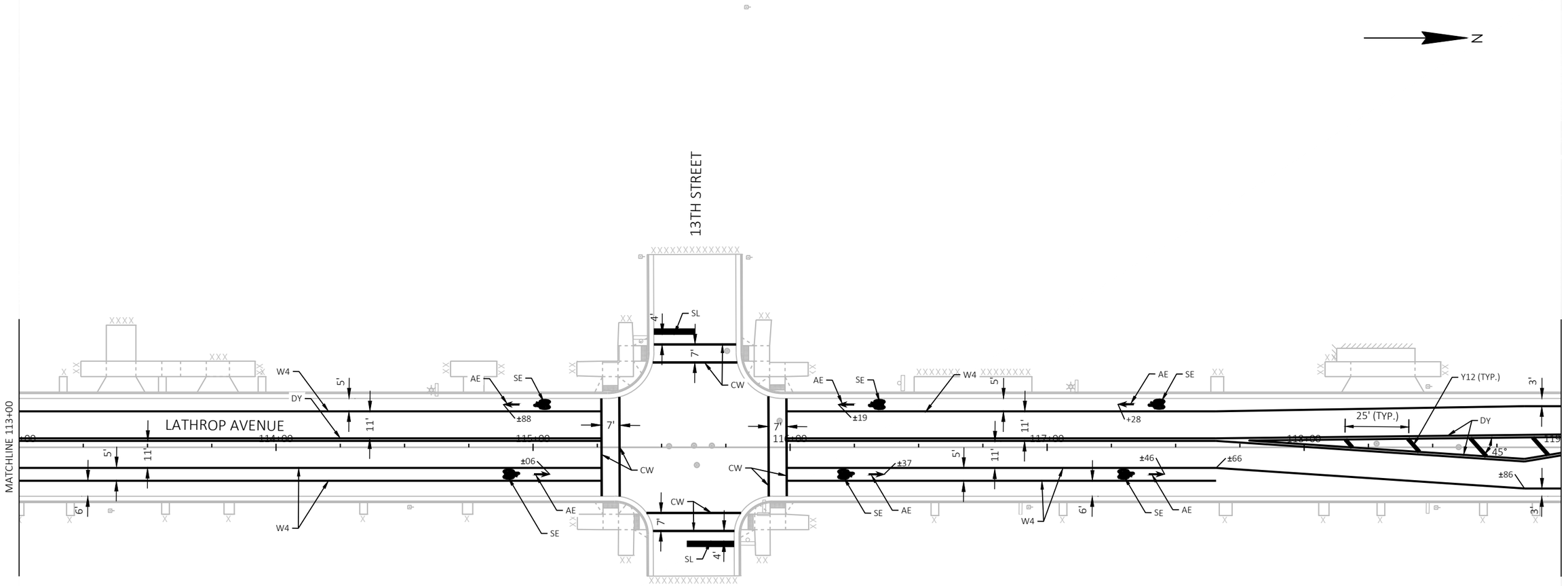
PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	PAVEMENT MARKING	SHEET 75 E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\024501-PM.DWG
LAYOUT NAME - 024505-pm

PLOT DATE : 10/23/2026 9:00 AM PLOT BY : WRIGHT, BRANDON PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2



PAVEMENT MARKING LEGEND	
DY	MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)
W4	MARKING LINE EPOXY 4-INCH (WHITE)
WD4	MARKING LINE EPOXY 4-INCH (WHITE SKIP 3' SEG., 9' GAP)
WS4	MARKING LINE EPOXY 4-INCH (WHITE SKIP 12.5' SEG., 37.5' GAP)
W8	MARKING LINE EPOXY 8-INCH (WHITE)
W12	MARKING DIAGONAL EPOXY 12-INCH (WHITE)
Y12	MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
SL	MARKING STOP LINE EPOXY 18-INCH
CW	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH
AE	MARKING ARROW EPOXY
SE	MARKING SYMBOL EPOXY
·,,,,,,	MARKING REMOVAL

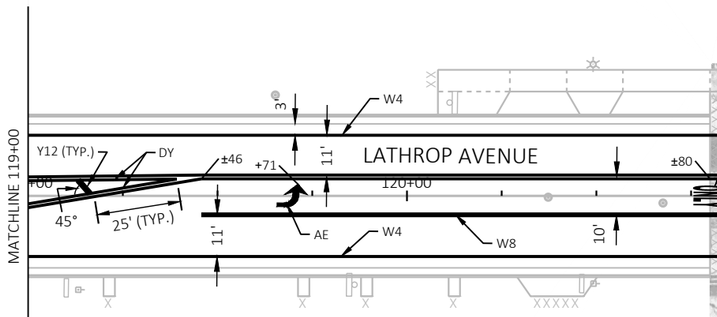
PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	PAVEMENT MARKING	SHEET 76	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\024501-PM.DWG
LAYOUT NAME - 024506-pm
PLOT DATE : 10/23/2026 9:00 AM
PLOT BY : WRIGHT, BRANDON
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

N

WASHINGTON AVENUE



PAVEMENT MARKING LEGEND

DY	MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)
W4	MARKING LINE EPOXY 4-INCH (WHITE)
WD4	MARKING LINE EPOXY 4-INCH (WHITE SKIP 3' SEG., 9' GAP)
WS4	MARKING LINE EPOXY 4-INCH (WHITE SKIP 12.5' SEG., 37.5' GAP)
W8	MARKING LINE EPOXY 8-INCH (WHITE)
W12	MARKING DIAGONAL EPOXY 12-INCH (WHITE)
Y12	MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
SL	MARKING STOP LINE EPOXY 18-INCH
CW	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH
AE	MARKING ARROW EPOXY
SE	MARKING SYMBOL EPOXY
·,,,,,,	MARKING REMOVAL

PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	PAVEMENT MARKING	SHEET 77	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\024501-PM.DWG
LAYOUT NAME - 024507-pm

PLOT DATE : 10/23/2026 9:00 AM PLOT BY : WRIGHT, BRANDON PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

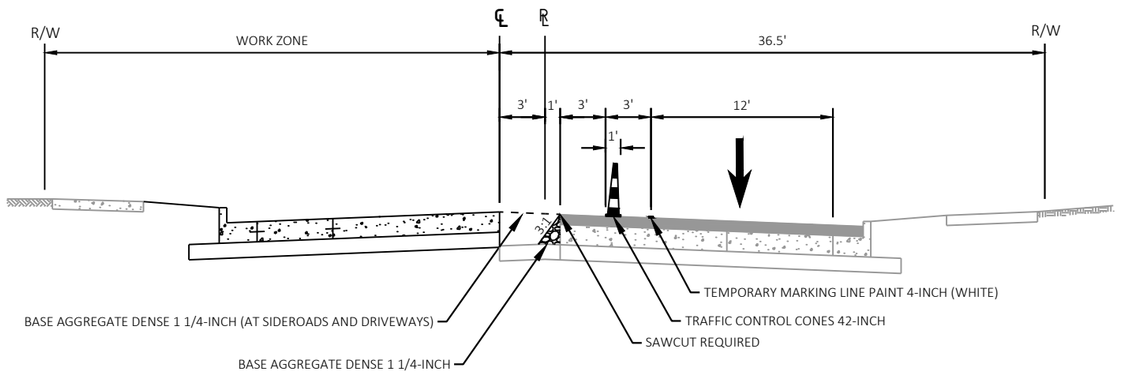
TRAFFIC CONTROL NOTES

1. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN ALL NECESSARY BARRICADES, SIGNS, DIRECTIONAL ARROWS, LIGHTS, TEMPORARY MARKINGS, FLAGGER, AND SAFETY DEVICES AS CALLED FOR ON THE PLANS OR AS DIRECTED BY THE ENGINEER.

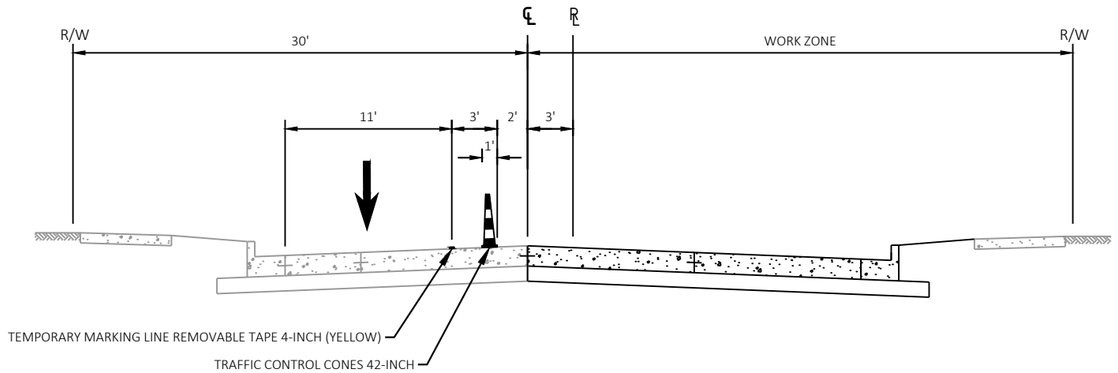
2. DRAWINGS SHOW TRAFFIC CONTROL FOR A TYPICAL SITUATION. ADDITIONAL TRAFFIC CONTROL DEVICES MAY BE REQUIRED AND/OR LAYOUT DETAILS MODIFIED DEPENDING ON CONTRACTOR'S METHOD OR SEQUENCES OF OPERATION.

3. A TEMPORARY "STOP" SIGN SHALL BE ESTABLISHED PRIOR TO REMOVAL OF "STOP" SIGNS FOR A CONSTRUCTION OPERATION.

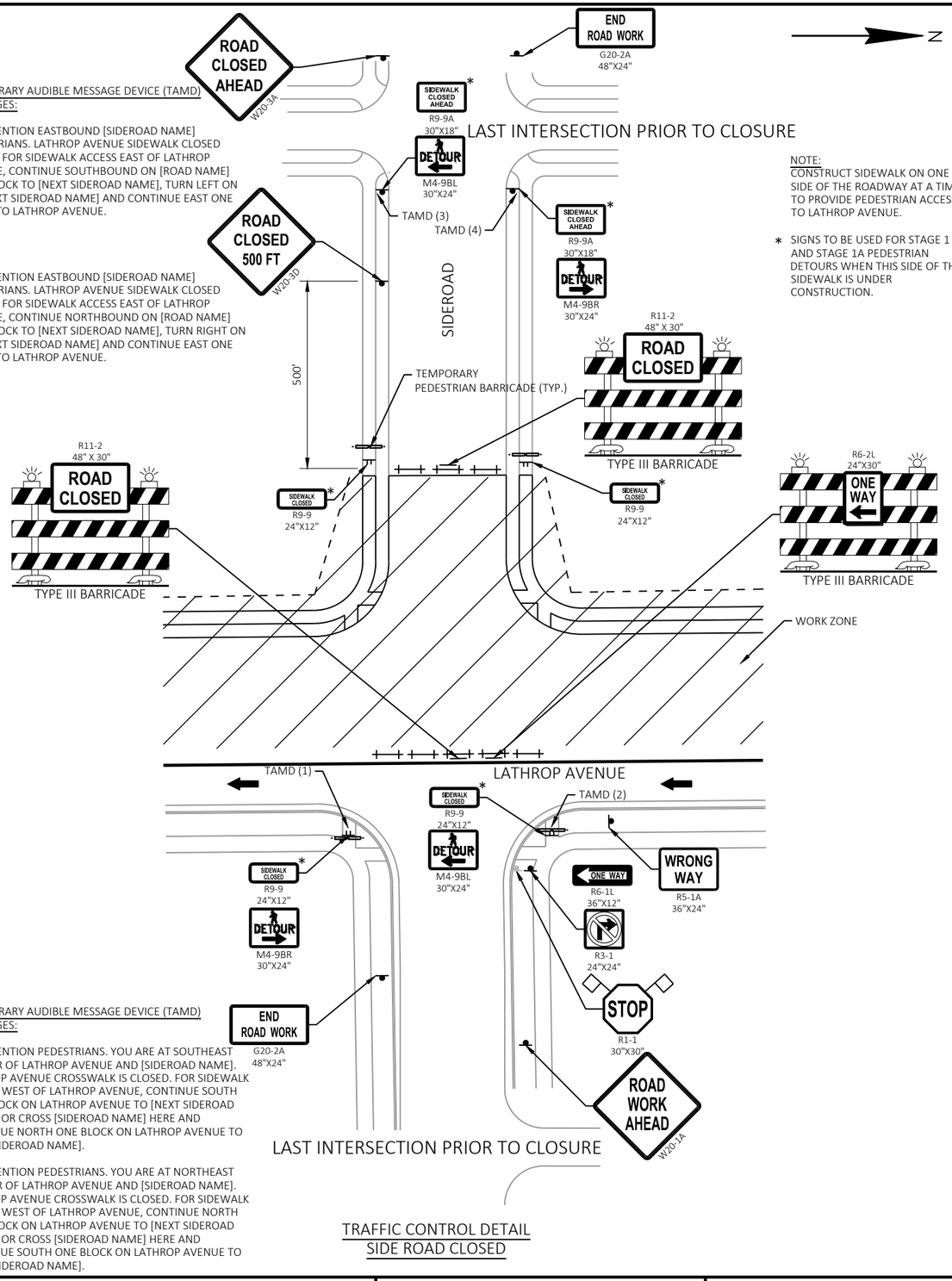
4. BOTH STEADY BURN LIGHTS AND FLASHING LIGHTS SHALL BE ONE WAY WITH THE LIGHT SOURCE SHOWING TOWARDS ADJACENT APPROACHING TRAFFIC.



STAGE 1 TYPICAL SECTION
LATHROP AVENUE
REPUBLIC AVENUE TO WASHINGTON AVENUE
(STA. 84+85 - STA. 120+80)



STAGE 2 TYPICAL SECTION
LATHROP AVENUE
REPUBLIC AVENUE TO WASHINGTON AVENUE
(STA. 84+85 - STA. 120+80)



TEMPORARY AUDIBLE MESSAGE DEVICE (TAMD) MESSAGES:

(3) ATTENTION EASTBOUND [SIDEROAD NAME] PEDESTRIANS. LATHROP AVENUE SIDEWALK CLOSED AHEAD. FOR SIDEWALK ACCESS EAST OF LATHROP AVENUE, CONTINUE SOUTHBOUND ON [ROAD NAME] ONE BLOCK TO [NEXT SIDEROAD NAME], TURN LEFT ON TO [NEXT SIDEROAD NAME] AND CONTINUE EAST ONE BLOCK TO LATHROP AVENUE.

(4) ATTENTION EASTBOUND [SIDEROAD NAME] PEDESTRIANS. LATHROP AVENUE SIDEWALK CLOSED AHEAD. FOR SIDEWALK ACCESS EAST OF LATHROP AVENUE, CONTINUE NORTHBOUND ON [ROAD NAME] ONE BLOCK TO [NEXT SIDEROAD NAME], TURN RIGHT ON TO [NEXT SIDEROAD NAME] AND CONTINUE EAST ONE BLOCK TO LATHROP AVENUE.

NOTE:
CONSTRUCT SIDEWALK ON ONE SIDE OF THE ROADWAY AT A TIME TO PROVIDE PEDESTRIAN ACCESS TO LATHROP AVENUE.

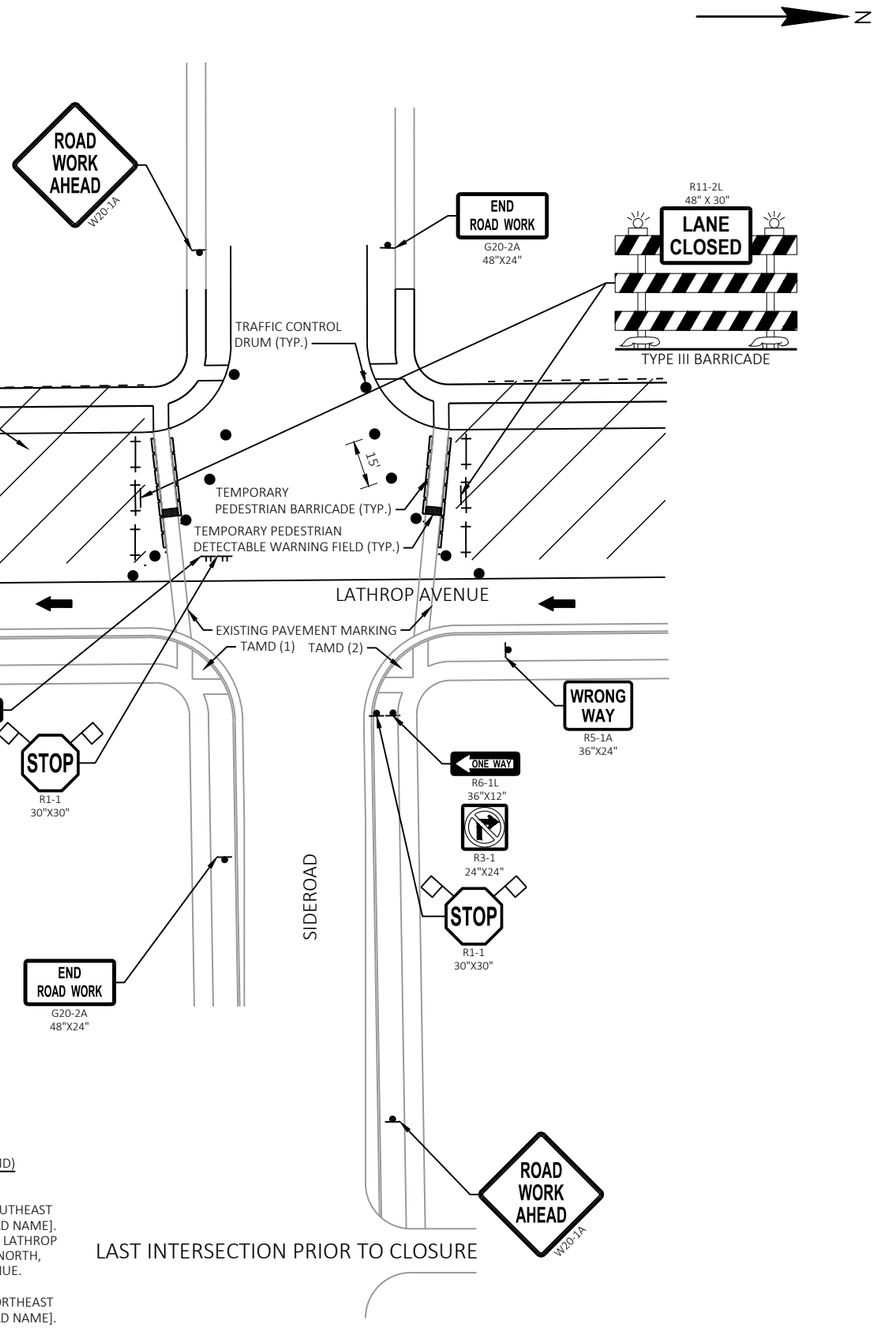
* SIGNS TO BE USED FOR STAGE 1 AND STAGE 1A PEDESTRIAN DETOURS WHEN THIS SIDE OF THE SIDEWALK IS UNDER CONSTRUCTION.

TEMPORARY AUDIBLE MESSAGE DEVICE (TAMD) MESSAGES:

(1) ATTENTION PEDESTRIANS. YOU ARE AT SOUTHEAST CORNER OF LATHROP AVENUE AND [SIDEROAD NAME]. LATHROP AVENUE CROSSWALK IS CLOSED. FOR SIDEWALK ACCESS WEST OF LATHROP AVENUE, CONTINUE SOUTH ONE BLOCK ON LATHROP AVENUE TO [NEXT SIDEROAD NAME], OR CROSS [SIDEROAD NAME] HERE AND CONTINUE NORTH ONE BLOCK ON LATHROP AVENUE TO [NEXT SIDEROAD NAME].

(2) ATTENTION PEDESTRIANS. YOU ARE AT NORTHEAST CORNER OF LATHROP AVENUE AND [SIDEROAD NAME]. LATHROP AVENUE CROSSWALK IS CLOSED. FOR SIDEWALK ACCESS WEST OF LATHROP AVENUE, CONTINUE NORTH ONE BLOCK ON LATHROP AVENUE TO [NEXT SIDEROAD NAME], OR CROSS [SIDEROAD NAME] HERE AND CONTINUE SOUTH ONE BLOCK ON LATHROP AVENUE TO [NEXT SIDEROAD NAME].

TRAFFIC CONTROL DETAIL
SIDE ROAD CLOSED



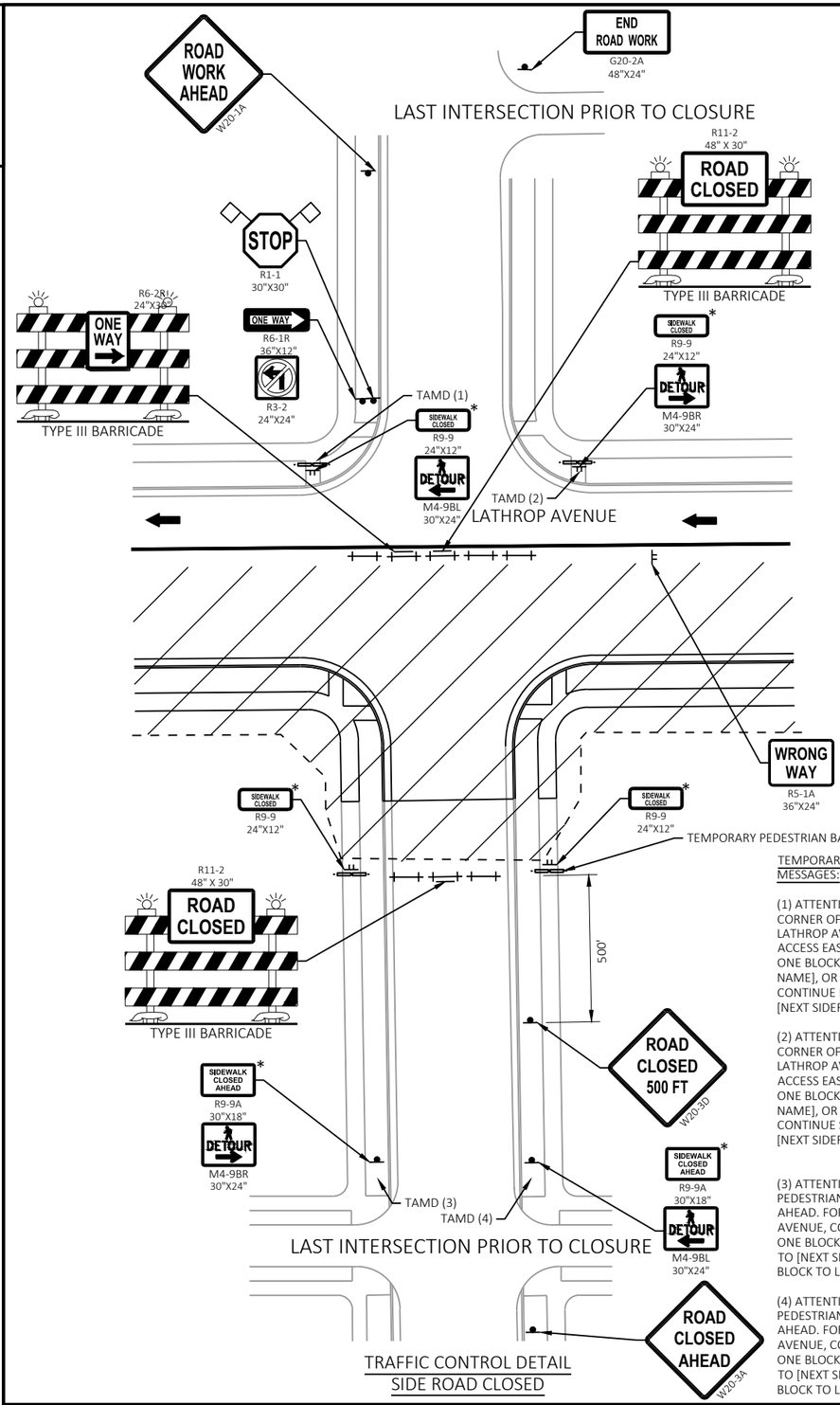
TEMPORARY AUDIBLE MESSAGE DEVICE (TAMD) MESSAGES:

(1) ATTENTION PEDESTRIANS. YOU ARE AT SOUTHEAST CORNER OF LATHROP AVENUE AND [SIDEROAD NAME]. CROSS HERE FOR SIDEWALK ACCESS WEST OF LATHROP AVENUE AND CONTINUE WEST. FOR ACCESS NORTH, CONTINUE NORTHBOUND ON LATHROP AVENUE.

(2) ATTENTION PEDESTRIANS. YOU ARE AT NORTHEAST CORNER OF LATHROP AVENUE AND [SIDEROAD NAME]. CROSS HERE FOR SIDEWALK ACCESS WEST OF LATHROP AVENUE AND CONTINUE WEST. FOR ACCESS SOUTH, CONTINUE SOUTHBOUND ON LATHROP AVENUE.

TRAFFIC CONTROL DETAIL
SIDE ROAD OPEN

2



TRAFFIC CONTROL DETAIL
SIDE ROAD CLOSED

NOTE:
CONSTRUCT SIDEWALK ON ONE SIDE OF THE ROADWAY AT A TIME TO PROVIDE PEDESTRIAN ACCESS TO LATHROP AVENUE.

* SIGNS TO BE USED FOR STAGE 2 AND STAGE 2A PEDESTRIAN DETOURS WHEN THIS SIDE OF THE SIDEWALK IS UNDER CONSTRUCTION.

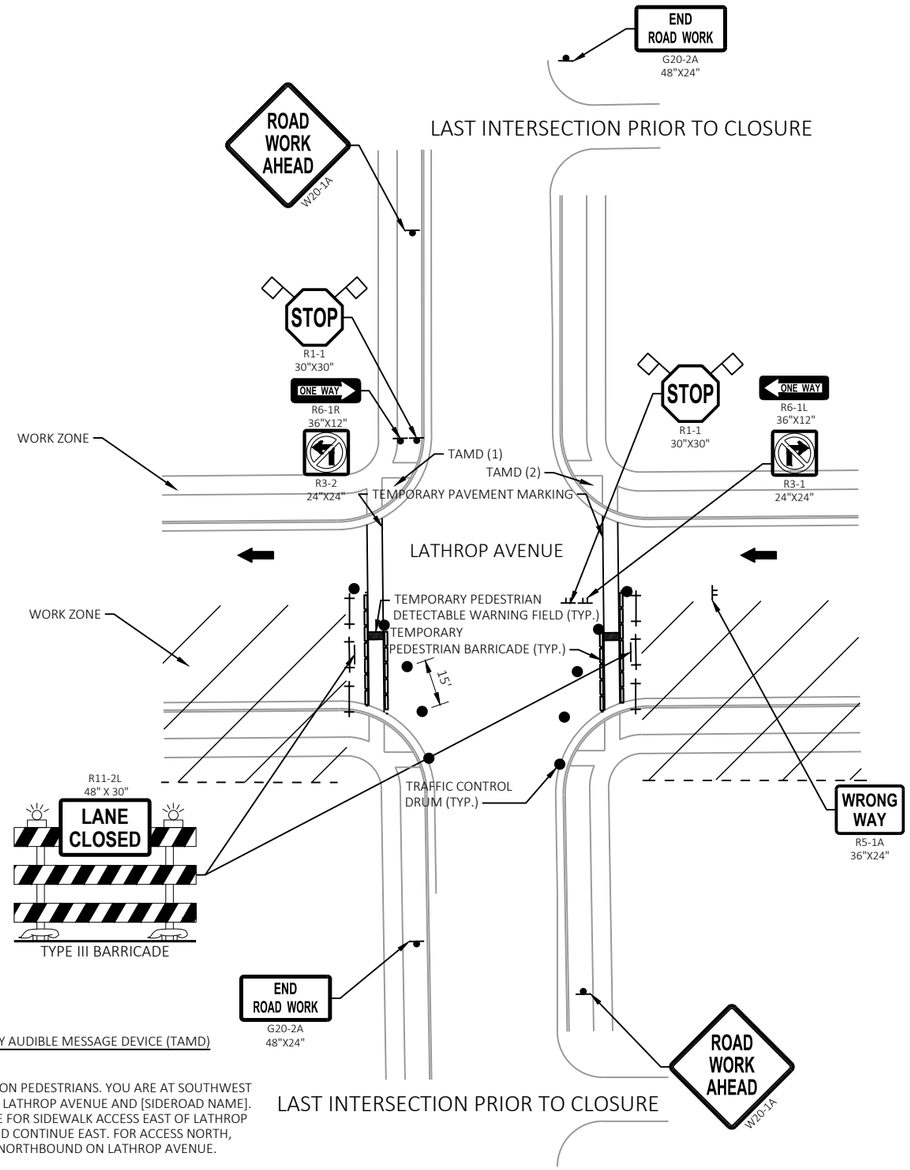
TEMPORARY AUDIBLE MESSAGE DEVICE (TAMD) MESSAGES:

(1) ATTENTION PEDESTRIANS. YOU ARE AT SOUTHWEST CORNER OF LATHROP AVENUE AND [SIDEROAD NAME]. LATHROP AVENUE CROSSWALK IS CLOSED. FOR SIDEWALK ACCESS EAST OF LATHROP AVENUE, CONTINUE SOUTH ONE BLOCK ON LATHROP AVENUE TO [NEXT SIDEROAD NAME], OR CROSS [SIDEROAD NAME] HERE AND CONTINUE NORTH ONE BLOCK ON LATHROP AVENUE TO [NEXT SIDEROAD NAME].

(2) ATTENTION PEDESTRIANS. YOU ARE AT NORTHWEST CORNER OF LATHROP AVENUE AND [SIDEROAD NAME]. LATHROP AVENUE CROSSWALK IS CLOSED. FOR SIDEWALK ACCESS EAST OF LATHROP AVENUE, CONTINUE NORTH ONE BLOCK ON LATHROP AVENUE TO [NEXT SIDEROAD NAME], OR CROSS [SIDEROAD NAME] HERE AND CONTINUE SOUTH ONE BLOCK ON LATHROP AVENUE TO [NEXT SIDEROAD NAME].

(3) ATTENTION WESTBOUND [SIDEROAD NAME] PEDESTRIANS. LATHROP AVENUE SIDEWALK CLOSED AHEAD. FOR SIDEWALK ACCESS WEST OF LATHROP AVENUE, CONTINUE SOUTHBOUND ON [ROAD NAME] ONE BLOCK TO [NEXT SIDEROAD NAME], TURN RIGHT ON TO [NEXT SIDEROAD NAME] AND CONTINUE WEST ONE BLOCK TO LATHROP AVENUE.

(4) ATTENTION WESTBOUND [SIDEROAD NAME] PEDESTRIANS. LATHROP AVENUE SIDEWALK CLOSED AHEAD. FOR SIDEWALK ACCESS WEST OF LATHROP AVENUE, CONTINUE NORTHBOUND ON [ROAD NAME] ONE BLOCK TO [NEXT SIDEROAD NAME], TURN LEFT ON TO [NEXT SIDEROAD NAME] AND CONTINUE WEST ONE BLOCK TO LATHROP AVENUE.



TEMPORARY AUDIBLE MESSAGE DEVICE (TAMD) MESSAGES:

(1) ATTENTION PEDESTRIANS. YOU ARE AT SOUTHWEST CORNER OF LATHROP AVENUE AND [SIDEROAD NAME]. CROSS HERE FOR SIDEWALK ACCESS EAST OF LATHROP AVENUE AND CONTINUE EAST. FOR ACCESS NORTH, CONTINUE NORTHBOUND ON LATHROP AVENUE.

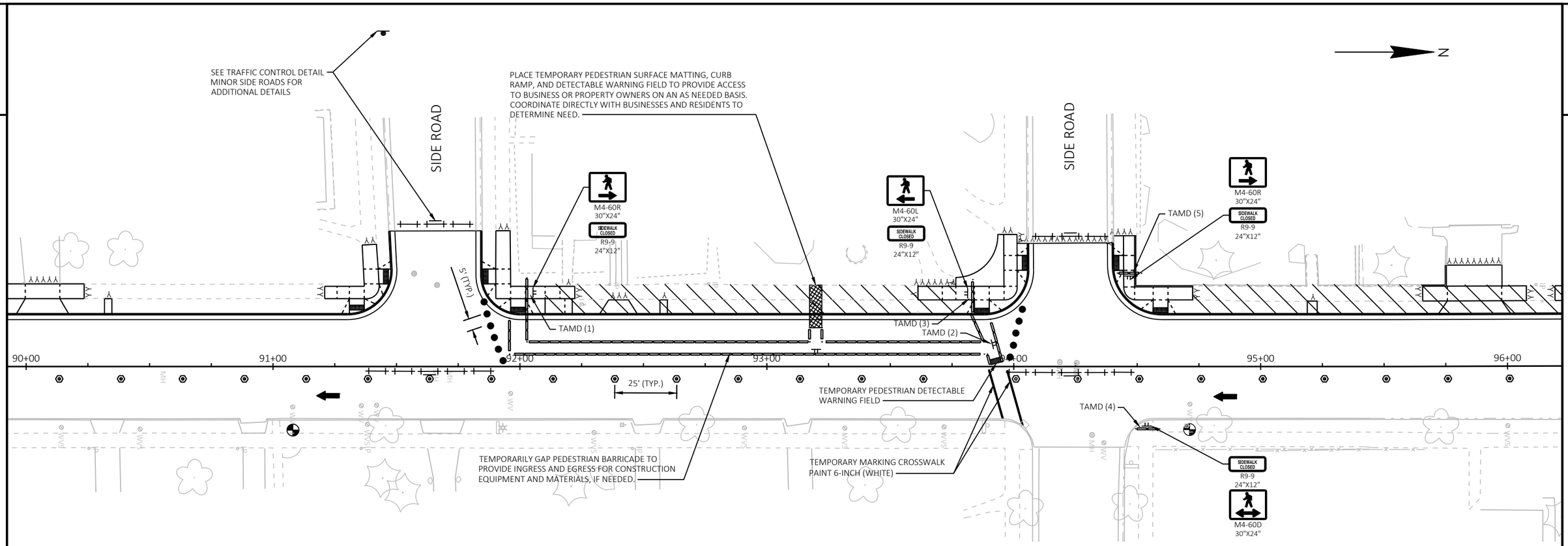
(2) ATTENTION PEDESTRIANS. YOU ARE AT NORTHWEST CORNER OF LATHROP AVENUE AND [SIDEROAD NAME]. CROSS HERE FOR SIDEWALK ACCESS EAST OF LATHROP AVENUE AND CONTINUE EAST. FOR ACCESS SOUTH, CONTINUE SOUTHBOUND ON LATHROP AVENUE.

TRAFFIC CONTROL DETAIL
SIDE ROAD OPEN

2

PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	TRAFFIC CONTROL DETAILS MINOR SIDE ROADS STAGE 2	SHEET 80	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\025001-TC-CD.DWG
LAYOUT NAME - 025002-tc-cd
PLOT DATE : 10/21/2026 10:44 AM PLOT BY : GOMEZ, JACK PLOT NAME : PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42



TEMPORARY AUDIBLE MESSAGE DEVICE (TAMD) MESSAGES:

(1) ATTENTION NORTHBOUND LATHROP AVENUE PEDESTRIANS. SIDEWALK CONSTRUCTION AHEAD. RAMP SLOPES DOWN. TEMPORARY FENCED PATH IN STREET IS OPEN. REJOINS ORIGINAL SIDEWALK AFTER 1 BLOCK.

(2) ATTENTION NORTHBOUND LATHROP PEDESTRIANS. TEMPORARY FENCED PATH IN STREET ENDS. HEAD EAST TO CROSS LATHROP AVENUE AND CONTINUE NORTHBOUND ON EAST SIDE OF LATHROP AVENUE OR EASTBOUND ON [SIDEROAD NAME]. HEAD WEST TO CONTINUE WESTBOUND ON [SIDEROAD NAME].

(3) ATTENTION SOUTHBOUND LATHROP AVENUE PEDESTRIANS. SIDEWALK CONSTRUCTION AHEAD. RAMP SLOPES DOWN. TEMPORARY FENCED PATH IN STREET IS OPEN. REJOINS ORIGINAL SIDEWALK AFTER 1 BLOCK.

(4) ATTENTION PEDESTRIANS. YOU ARE AT NORTHEAST CORNER OF LATHROP AVENUE AND [SIDEROAD NAME]. LATHROP AVENUE CROSSWALK IS CLOSED. FOR SIDEWALK ACCESS WEST OF LATHROP AVENUE, CROSS [SIDEROAD NAME] HERE AND CROSS LATHROP AVENUE AT SOUTHEAST CORNER OF LATHROP AVENUE AND [SIDEROAD NAME].

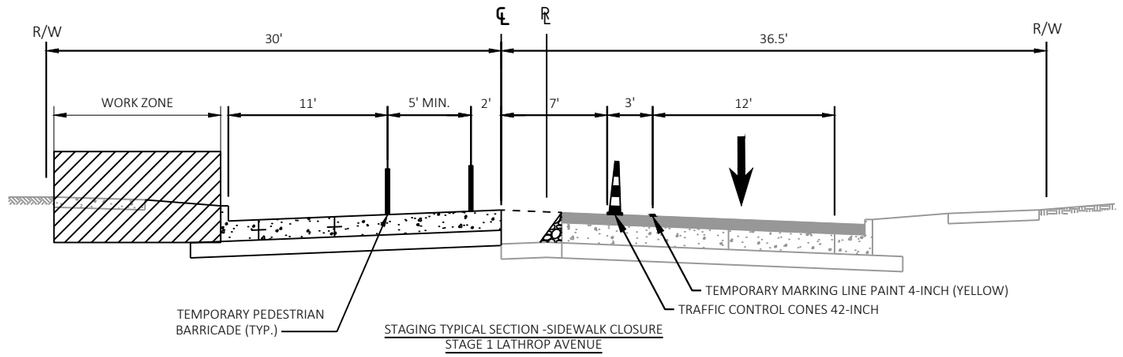
(5) ATTENTION PEDESTRIANS. YOU ARE AT NORTHWEST CORNER OF LATHROP AVENUE AND [SIDEROAD NAME]. LATHROP AVENUE CROSSWALK IS CLOSED. FOR SIDEWALK ACCESS EAST OF LATHROP AVENUE, CROSS [SIDEROAD NAME] HERE AND CROSS LATHROP AVENUE AT SOUTHWEST CORNER OF LATHROP AVENUE AND [SIDEROAD NAME].

LEGEND

	WORK ZONE
	TRAFFIC CONTROL BARRICADES TYPE III WITH/WITHOUT ATTACHED SIGN
	TRAFFIC CONTROL SIGNS ON TEMPORARY SUPPORT
	TRAFFIC CONTROL DRUMS
	TRAFFIC CONTROL CONES 42-INCH
	TEMPORARY CROSSWALK ACCESS
	TEMPORARY PEDESTRIAN BARRICADE
TAD	TEMPORARY AUDIBLE MESSAGE DEVICE

STAGE 1 PEDESTRIAN ACCOMMODATION NOTES

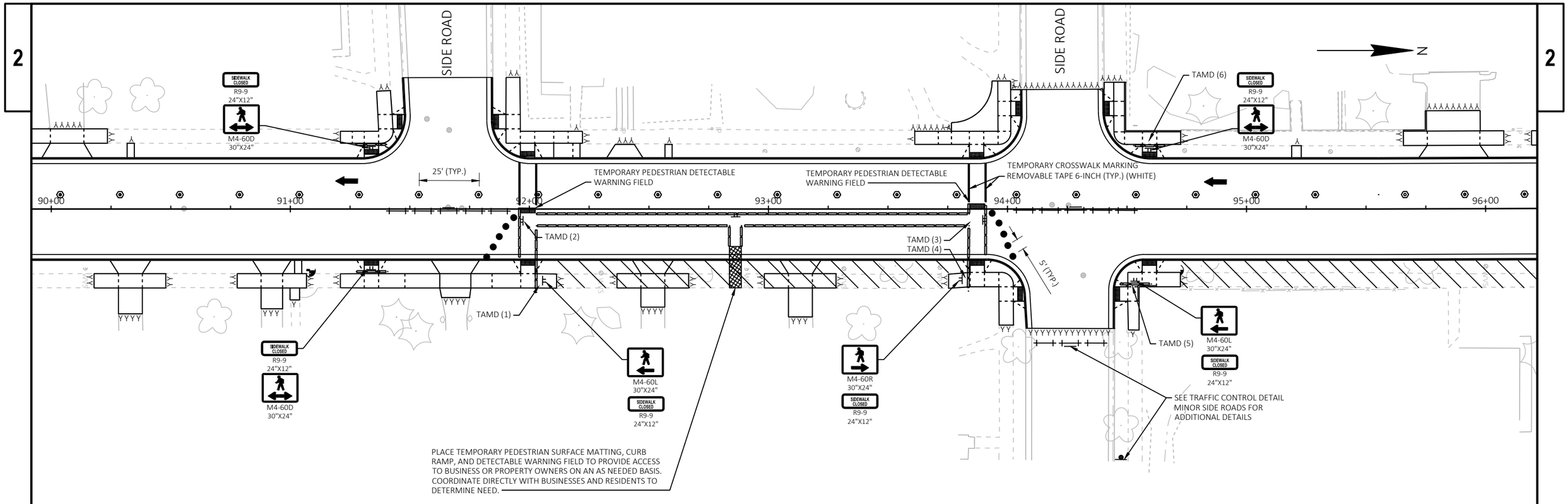
1. MAINTAIN PEDESTRIAN ACCESS ALONG LATHROP AVENUE ON THE EXISTING SIDEWALK WHILE THE ROADWAY IS BEING CONSTRUCTED. ONCE THE ROADWAY CONSTRUCTION IS COMPLETED, RECONSTRUCT THE SOUTHBOUND SIDEWALK BY DETOURING PEDESTRIANS TO THE NEWLY CONSTRUCTED PAVEMENT. PROVIDE TEMPORARY CURB RAMPS AND TEMPORARY PEDESTRIAN SURFACE WITHIN THE WORK ZONE AS NEEDED.
2. CONSTRUCT SOUTHBOUND SIDEWALK WHILE THE ROAD REMAINS OPEN TO SOUTHBOUND TRAFFIC. SEE TRAFFIC CONTROL STAGE 1 AND STAGE 1A FOR ADDITIONAL INFORMATION.
3. CONSTRUCT SIDEWALK ONE BLOCK AT A TIME. DO NOT CLOSE TWO ADJACENT LATHROP AVENUE PEDESTRIAN CROSSINGS AT THE SAME TIME.
4. SEE WISDOT STANDARD DETAIL DRAWING "TRAFFIC CONTROL PEDESTRIAN ACCOMMODATION" FOR ADDITIONAL INFORMATION.



STAGING TYPICAL SECTION -SIDEWALK CLOSURE
STAGE 1 LATHROP AVENUE

PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	SIDEWALK CLOSURE DETAIL STAGE 1	SHEET 81	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\025002-TC-CD.DWG
LAYOUT NAME - 025003-tc-cd
PLOT DATE : 10/21/2026 10:44 AM PLOT BY : GOMEZ, JACK PLOT NAME : PLOT SCALE : 1 IN:40 FT



TEMPORARY AUDIBLE MESSAGE DEVICE (TAMD) MESSAGES:

(1) ATTENTION NORTHBOUND LATHROP AVENUE PEDESTRIANS. SIDEWALK CONSTRUCTION AHEAD. RAMP SLOPES DOWN. TEMPORARY FENCED PATH IN STREET IS OPEN. REJOINS ORIGINAL SIDEWALK AFTER 1 BLOCK.

(2) ATTENTION SOUTHBOUND LATHROP PEDESTRIANS. TEMPORARY FENCED PATH IN STREET ENDS. HEAD WEST TO CROSS LATHROP AVENUE AND CONTINUE WESTBOUND ON [SIDEROAD NAME] OR SOUTHBOUND ON LATHROP AVENUE. HEAD EAST TO CONTINUE SOUTHBOUND ON LATHROP AVENUE.

(3) ATTENTION NORTHBOUND LATHROP PEDESTRIANS. TEMPORARY FENCED PATH IN STREET ENDS. HEAD WEST TO CROSS LATHROP AVENUE AND CONTINUE WESTBOUND ON [SIDEROAD NAME] OR NORTHBOUND ON LATHROP AVENUE. HEAD EAST TO CONTINUE EASTBOUND ON [SIDEROAD NAME].

(4) ATTENTION SOUTHBOUND LATHROP PEDESTRIANS. SIDEWALK CONSTRUCTION AHEAD. RAMP SLOPES DOWN. TEMPORARY FENCED PATH IN STREET IS OPEN. REJOINS ORIGINAL SIDEWALK AFTER 1 BLOCK.

(5) ATTENTION PEDESTRIANS. YOU ARE AT NORTHEAST CORNER OF LATHROP AVENUE AND [SIDEROAD NAME]. LATHROP AVENUE CROSSWALK IS CLOSED. FOR SIDEWALK ACCESS WEST OF LATHROP AVENUE, CROSS [SIDEROAD NAME] HERE AND CROSS LATHROP AVENUE AT SOUTHEAST CORNER OF LATHROP AVENUE AND [SIDEROAD NAME].

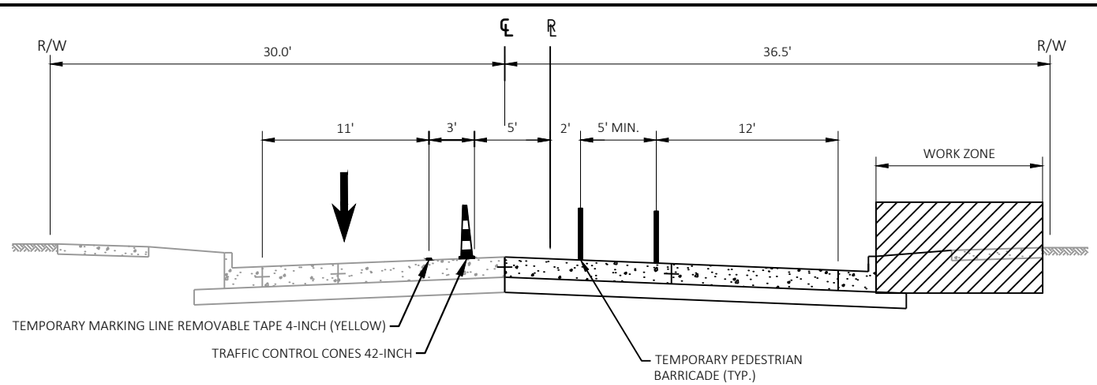
(6) ATTENTION PEDESTRIANS. YOU ARE AT NORTHWEST CORNER OF LATHROP AVENUE AND [SIDEROAD NAME]. LATHROP AVENUE CROSSWALK IS CLOSED. FOR SIDEWALK ACCESS EAST OF LATHROP AVENUE, CROSS [SIDEROAD NAME] HERE AND CROSS LATHROP AVENUE AT SOUTHWEST CORNER OF LATHROP AVENUE AND [SIDEROAD NAME].

STAGE 2 PEDESTRIAN ACCOMMODATION NOTES

1. MAINTAIN PEDESTRIAN ACCESS ALONG LATHROP AVENUE ON THE EXISTING SIDEWALK WHILE THE ROADWAY IS BEING CONSTRUCTED. ONCE THE ROADWAY CONSTRUCTION IS COMPLETED, RECONSTRUCT THE NORTHBOUND SIDEWALK BY DETOURING PEDESTRIANS TO THE NEWLY CONSTRUCTED PAVEMENT. PROVIDE TEMPORARY CURB RAMPS AND TEMPORARY PEDESTRIAN SURFACE WITHIN THE WORK ZONE AS NEEDED.
2. CONSTRUCT NORTHBOUND SIDEWALK WHILE THE ROAD REMAINS OPEN TO SOUTHBOUND TRAFFIC. SEE TRAFFIC CONTROL STAGE 2 AND STAGE 2A FOR ADDITIONAL INFORMATION.
3. CONSTRUCT SIDEWALK ONE BLOCK AT A TIME. DO NOT CLOSE TWO ADJACENT LATHROP AVENUE PEDESTRIAN CROSSINGS AT THE SAME TIME.
4. SEE WISDOT STANDARD DETAIL DRAWING "TRAFFIC CONTROL PEDESTRIAN ACCOMMODATION" FOR ADDITIONAL INFORMATION.

LEGEND

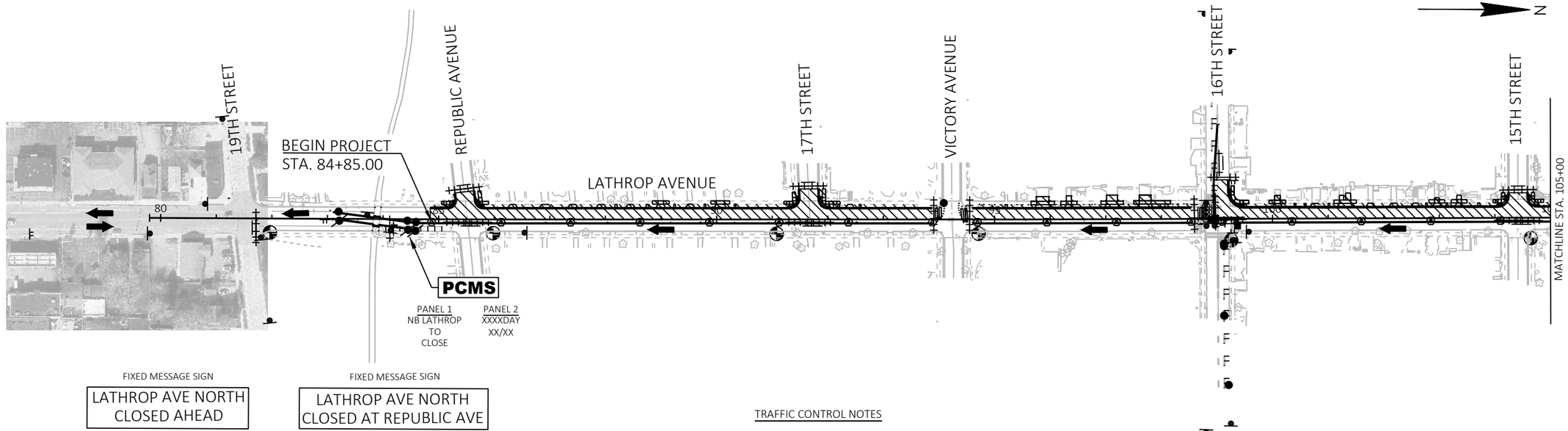
	WORK ZONE
	TRAFFIC CONTROL BARRICADES TYPE III WITH/WITHOUT ATTACHED SIGN
	TRAFFIC CONTROL SIGNS ON TEMPORARY SUPPORT
	TRAFFIC CONTROL DRUMS
	TRAFFIC CONTROL CONES 42-INCH
	TEMPORARY CROSSWALK ACCESS
	TEMPORARY PEDESTRIAN BARRICADE
TAD	TEMPORARY AUDIBLE MESSAGE DEVICE



STAGING TYPICAL SECTION -SIDEWALK CLOSURE
STAGE 2 LATHROP AVENUE

PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	SIDEWALK CLOSURE DETAIL STAGE 2	SHEET 82	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\025003-TC-CD.DWG
LAYOUT NAME - 025004-tc-cd
PLOT DATE : 10/21/2026 10:45 AM
PLOT BY : GOMEZ, JACK
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42



FIXED MESSAGE SIGN

LATHROP AVE NORTH
CLOSED AHEAD

PLACE AT BLUE RIVER AVE INTERSECTION

FIXED MESSAGE SIGN

LATHROP AVE NORTH
CLOSED AT REPUBLIC AVE

PLACE AT OLIVE ST INTERSECTION

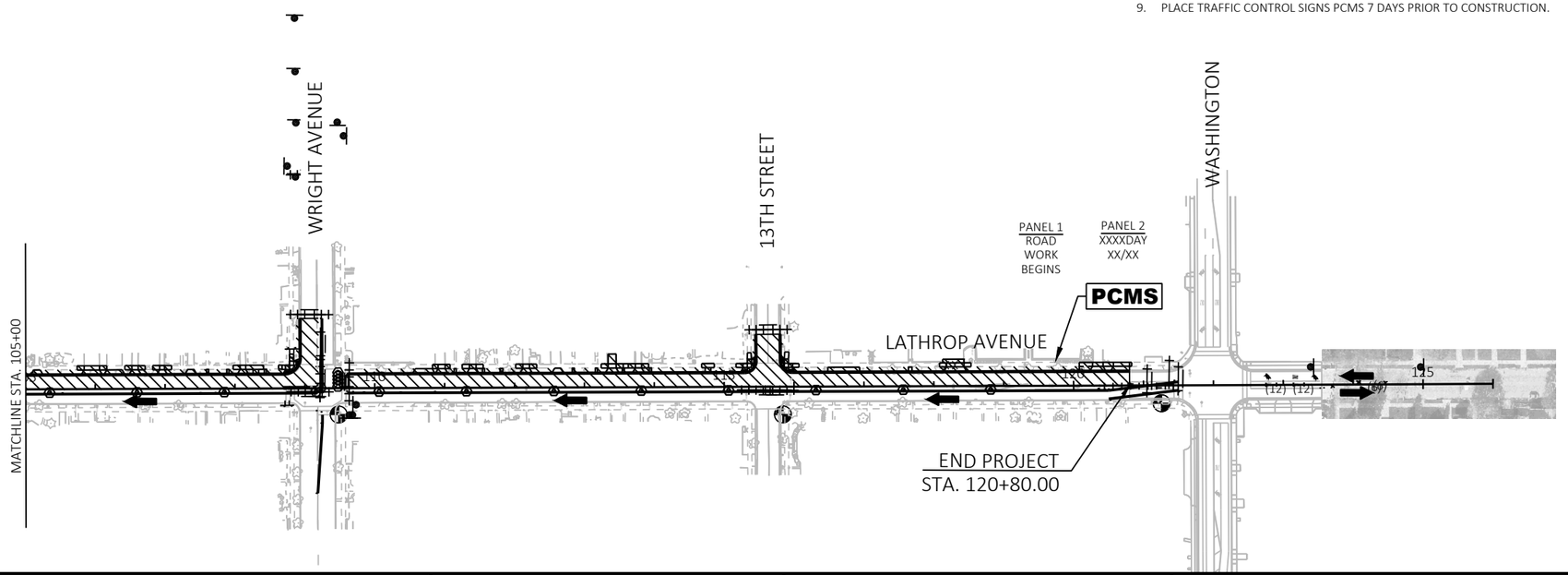
LEGEND

WORK ZONE

TRAFFIC CONTROL NOTES

1. THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.
2. ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.
3. 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.
4. SIGNS DESIGNATED AS "WO" ARE THE SAME AS "W" EXCEPT THE BACKGROUND IS ORANGE.
5. SEE SPECIAL PROVISIONS FOR ADDITIONAL TRAFFIC/STAGING REQUIREMENTS.
6. PAVEMENT MARKING WHICH MAY CONFLICT WITH TRAFFIC CONTROL "IN-USE" SHALL BE REMOVED AS DIRECTED BY THE ENGINEER.
7. TEMPORARY MARKING ON EXISTING OR TEMPORARY PAVEMENT SHALL BE TEMPORARY MARKING PAINT.
8. TEMPORARY MARKING ON NEW PAVEMENT SHALL BE TEMPORARY MARKING REMOVABLE TAPE.
9. PLACE TRAFFIC CONTROL SIGNS PCMS 7 DAYS PRIOR TO CONSTRUCTION.

NOTE: ALL TRAFFIC CONTROL DEVICES AND TEMPORARY MARKING REQUIRED FOR STAGE 2 MUST BE IN PLACE UPON THE COMPLETION OF STAGE 1 AND PRIOR TO SWITCHING TRAFFIC TO STAGE 2.



STAGE 1:

TRAFFIC (STAGE 1):

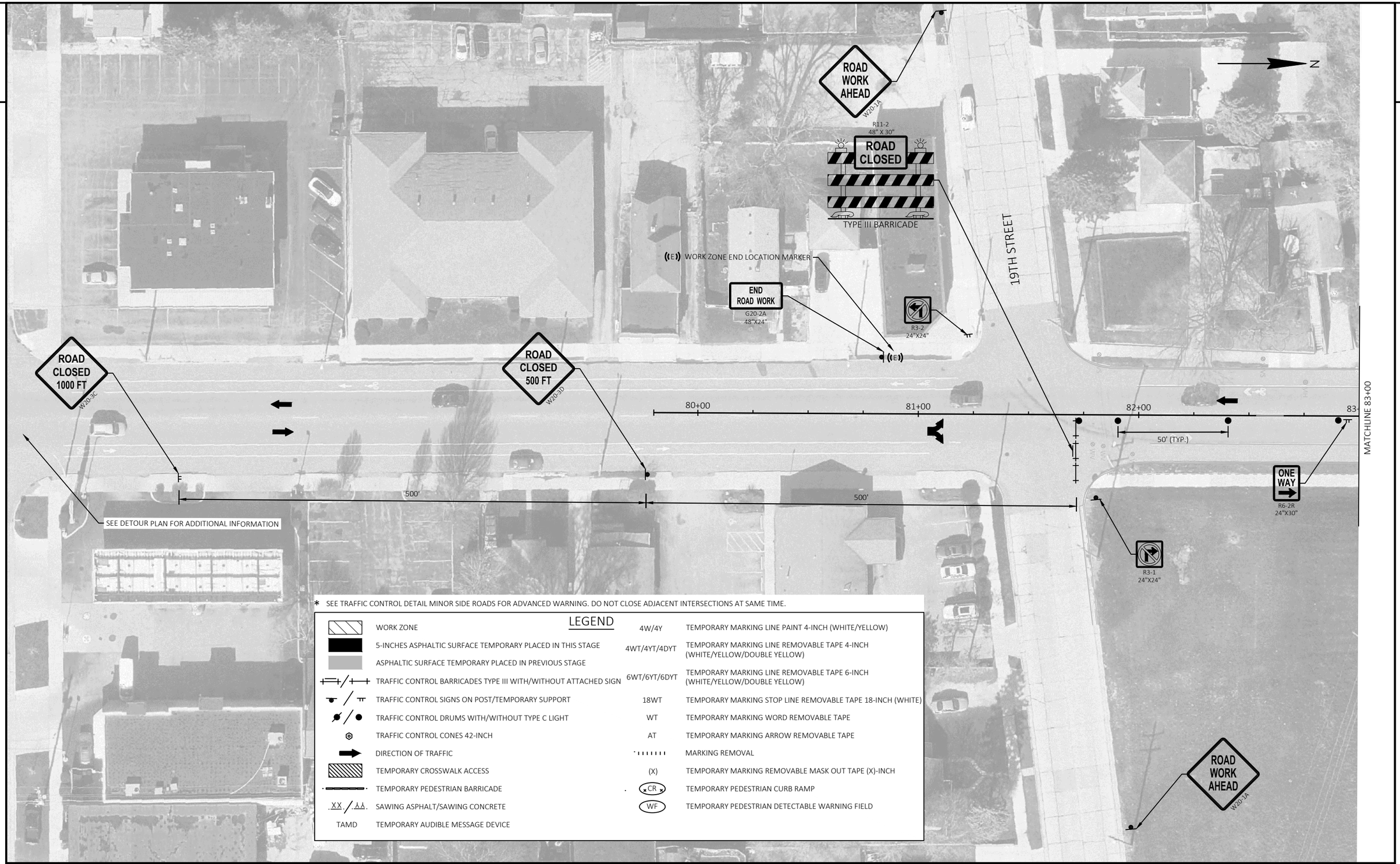
1. SOUTHBOUND TRAFFIC WILL BE SHIFTED TO THE NORTHBOUND SIDE OF THE EXISTING PAVEMENT.
2. NORTHBOUND TRAFFIC WILL BE DETOURED.
3. MAINTAIN PEDESTRIAN ACCESS.

CONSTRUCT (STAGE 1):

1. INSTALL TRAFFIC CONTROL DEVICES NECESSARY FOR STAGE 1 CONSTRUCTION PRIOR TO THE TRAFFIC SWITCH TO STAGE 1.
2. REMOVE ALL EXISTING MARKINGS THAT CONFLICT WITH STAGE 1 TRAFFIC CONTROL.
3. REMOVE EXISTING INLETS, STORM SEWER LATERALS, AND MANHOLES THAT WILL BE REPLACED IN STAGE 1.
4. REMOVE EXISTING CURB AND GUTTER, AND PAVEMENT WITHIN THE STAGE 1 CONSTRUCTION LIMITS.
5. CONSTRUCT PROPOSED SIGNALS, CURB AND GUTTER, PAVEMENT, SIDEWALK, INLETS, STORM SEWER, PAVEMENT MARKING, AND SIGNING WITHIN STAGE 1 CONSTRUCTION LIMITS.
6. PLACE ALL EROSION CONTROL DEVICES AND FINISHING ITEMS THAT PERTAIN TO STAGE 1 CONSTRUCTION.

PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	TRAFFIC CONTROL STAGE 1 OVERVIEW	SHEET 83	E

2



* SEE TRAFFIC CONTROL DETAIL MINOR SIDE ROADS FOR ADVANCED WARNING. DO NOT CLOSE ADJACENT INTERSECTIONS AT SAME TIME.

LEGEND

	WORK ZONE	4W/4Y	TEMPORARY MARKING LINE PAINT 4-INCH (WHITE/YELLOW)
	5-INCHES ASPHALTIC SURFACE TEMPORARY PLACED IN THIS STAGE	4WT/4YT/4DYT	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE/YELLOW/DOUBLE YELLOW)
	ASPHALTIC SURFACE TEMPORARY PLACED IN PREVIOUS STAGE		
	TRAFFIC CONTROL BARRICADES TYPE III WITH/WITHOUT ATTACHED SIGN	6WT/6YT/6DYT	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE/YELLOW/DOUBLE YELLOW)
	TRAFFIC CONTROL SIGNS ON POST/TEMPORARY SUPPORT	18WT	TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH (WHITE)
	TRAFFIC CONTROL DRUMS WITH/WITHOUT TYPE C LIGHT	WT	TEMPORARY MARKING WORD REMOVABLE TAPE
	TRAFFIC CONTROL CONES 42-INCH	AT	TEMPORARY MARKING ARROW REMOVABLE TAPE
	DIRECTION OF TRAFFIC		MARKING REMOVAL
	TEMPORARY CROSSWALK ACCESS	(X)	TEMPORARY MARKING REMOVABLE MASK OUT TAPE (X)-INCH
	TEMPORARY PEDESTRIAN BARRICADE	CR	TEMPORARY PEDESTRIAN CURB RAMP
XX	SAWING ASPHALT/SAWING CONCRETE	WF	TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELD
TAMD	TEMPORARY AUDIBLE MESSAGE DEVICE		

PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	TRAFFIC CONTROL STAGE 1	SHEET 84	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\025101-TC.DWG
LAYOUT NAME - 025100-tc
PLOT DATE : 10/21/2026 10:45 AM PLOT BY : GOMEZ, JACK PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

N

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

STOP
R1-1
18"X18"

WF

4WT

26' (TYP.)

12'

4YT

4W

MATCHLINE 83+00

84+00

85+00

86+00

87+00

88+00

89+

MATCHLINE 89+00

LATHROP AVENUE

25' (TYP.)

ONE WAY
R6-2L
24"X30"

W1-4R
36"X36"

WO1-6
48" X 24"

TYPE III BARRICADE

12+00 A

REPUBLIC AVENUE

* SEE TRAFFIC CONTROL DETAIL MINOR SIDE ROADS FOR ADVANCED WARNING. DO NOT CLOSE ADJACENT INTERSECTIONS AT SAME TIME.

LEGEND

	WORK ZONE	4W/4Y	TEMPORARY MARKING LINE PAINT 4-INCH (WHITE/YELLOW)
	5-INCHES ASPHALTIC SURFACE TEMPORARY PLACED IN THIS STAGE	4WT/4YT/4DYT	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE/YELLOW/DOUBLE YELLOW)
	ASPHALTIC SURFACE TEMPORARY PLACED IN PREVIOUS STAGE		
	TRAFFIC CONTROL BARRICADES TYPE III WITH/WITHOUT ATTACHED SIGN	6WT/6YT/6DYT	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE/YELLOW/DOUBLE YELLOW)
	TRAFFIC CONTROL SIGNS ON POST/TEMPORARY SUPPORT	18WT	TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH (WHITE)
	TRAFFIC CONTROL DRUMS WITH/WITHOUT TYPE C LIGHT	WT	TEMPORARY MARKING WORD REMOVABLE TAPE
	TRAFFIC CONTROL CONES 42-INCH	AT	TEMPORARY MARKING ARROW REMOVABLE TAPE
	DIRECTION OF TRAFFIC		MARKING REMOVAL
	TEMPORARY CROSSWALK ACCESS	(X)	TEMPORARY MARKING REMOVABLE MASK OUT TAPE (X)-INCH
	TEMPORARY PEDESTRIAN BARRICADE	CR	TEMPORARY PEDESTRIAN CURB RAMP
XX / AA	SAWING ASPHALT/SAWING CONCRETE	WF	TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELD
TAMD	TEMPORARY AUDIBLE MESSAGE DEVICE		

PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	TRAFFIC CONTROL STAGE 1	SHEET 85	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\025101-TC.DWG
LAYOUT NAME - 025101-tc

PLOT DATE : 10/21/2026 10:45 AM PLOT BY : GOMEZ, JACK PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

N

17TH STREET

VICTORY AVENUE

LATHROP AVENUE

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

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

11+00 B

11+00 C

12+00 C

MATCHLINE 89+00

MATCHLINE 95+00

90+00

91+00

92+00

93+00

95

12'

4W

25' (TYP.)

15' (TYP.)

WF

ONE WAY
R6-2L
24"X30"

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

R6-2L
24"X30"
ONE WAY
TYPE III BARRICADE

* SEE TRAFFIC CONTROL DETAIL MINOR SIDE ROADS FOR ADVANCED WARNING. DO NOT CLOSE ADJACENT INTERSECTIONS AT SAME TIME.

LEGEND

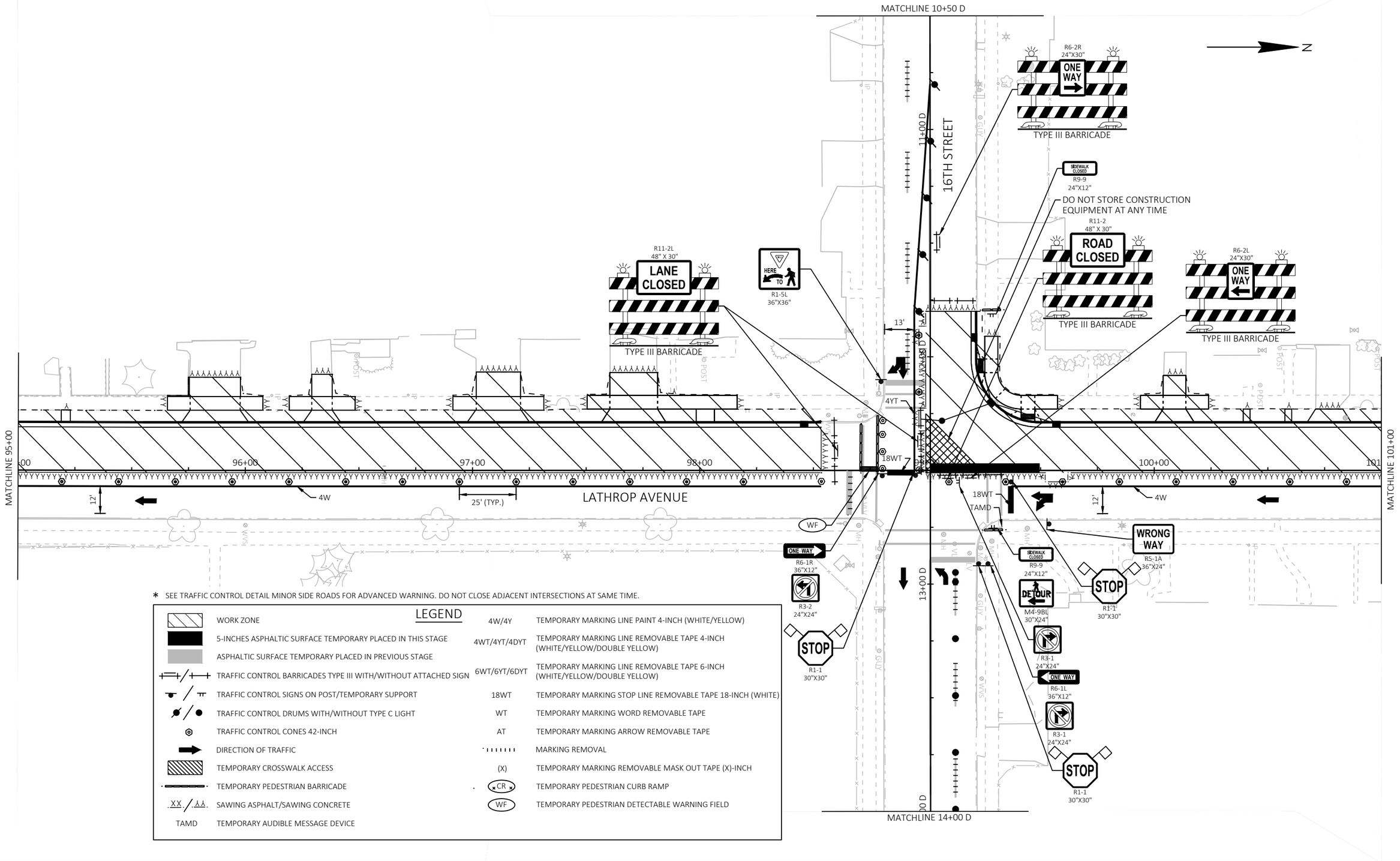
	WORK ZONE	4W/4Y	TEMPORARY MARKING LINE PAINT 4-INCH (WHITE/YELLOW)
	5-INCHES ASPHALTIC SURFACE TEMPORARY PLACED IN THIS STAGE	4WT/4YT/4DYT	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE/YELLOW/DOUBLE YELLOW)
	ASPHALTIC SURFACE TEMPORARY PLACED IN PREVIOUS STAGE		
	TRAFFIC CONTROL BARRICADES TYPE III WITH/WITHOUT ATTACHED SIGN	6WT/6YT/6DYT	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE/YELLOW/DOUBLE YELLOW)
	TRAFFIC CONTROL SIGNS ON POST/TEMPORARY SUPPORT	18WT	TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH (WHITE)
	TRAFFIC CONTROL DRUMS WITH/WITHOUT TYPE C LIGHT	WT	TEMPORARY MARKING WORD REMOVABLE TAPE
	TRAFFIC CONTROL CONES 42-INCH	AT	TEMPORARY MARKING ARROW REMOVABLE TAPE
	DIRECTION OF TRAFFIC		MARKING REMOVAL
	TEMPORARY CROSSWALK ACCESS	(X)	TEMPORARY MARKING REMOVABLE MASK OUT TAPE (X)-INCH
	TEMPORARY PEDESTRIAN BARRICADE	CR	TEMPORARY PEDESTRIAN CURB RAMP
XX / AA	SAWING ASPHALT/SAWING CONCRETE	WF	TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELD
TAMD	TEMPORARY AUDIBLE MESSAGE DEVICE		

PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	TRAFFIC CONTROL STAGE 1	SHEET 86	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\025101-TC.DWG
LAYOUT NAME - 025102-tc

PLOT DATE : 10/21/2026 10:45 AM PLOT BY : GOMEZ, JACK PLOT NAME : PLOT SCALE : 1 IN:40 FT

2



* SEE TRAFFIC CONTROL DETAIL MINOR SIDE ROADS FOR ADVANCED WARNING. DO NOT CLOSE ADJACENT INTERSECTIONS AT SAME TIME.

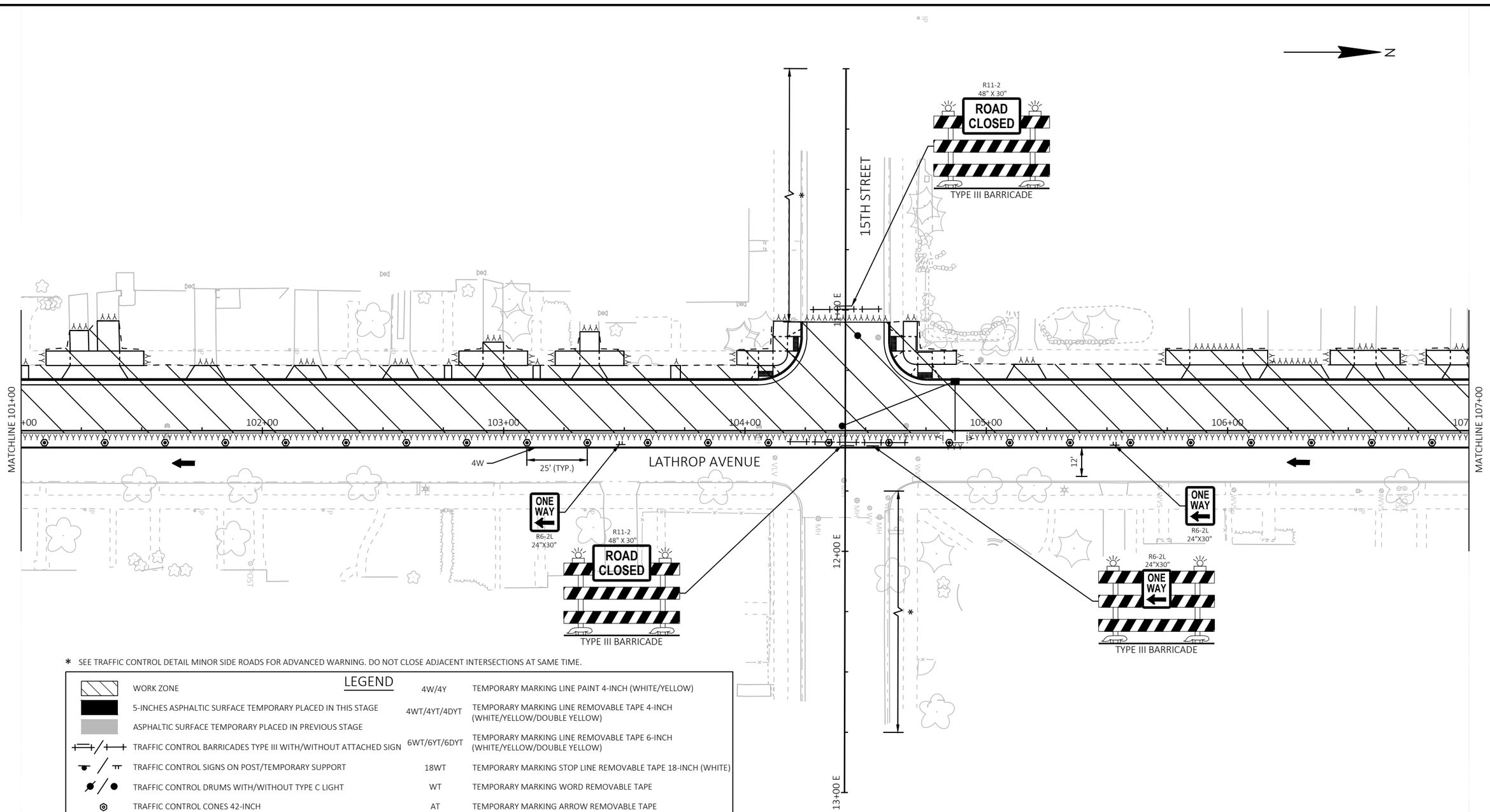
LEGEND

	WORK ZONE	4W/4Y	TEMPORARY MARKING LINE PAINT 4-INCH (WHITE/YELLOW)
	5-INCHES ASPHALTIC SURFACE TEMPORARY PLACED IN THIS STAGE	4WT/4YT/4DYT	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE/YELLOW/DOUBLE YELLOW)
	ASPHALTIC SURFACE TEMPORARY PLACED IN PREVIOUS STAGE		
	TRAFFIC CONTROL BARRICADES TYPE III WITH/WITHOUT ATTACHED SIGN	6WT/6YT/6DYT	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE/YELLOW/DOUBLE YELLOW)
	TRAFFIC CONTROL SIGNS ON POST/TEMPORARY SUPPORT	18WT	TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH (WHITE)
	TRAFFIC CONTROL DRUMS WITH/WITHOUT TYPE C LIGHT	WT	TEMPORARY MARKING WORD REMOVABLE TAPE
	TRAFFIC CONTROL CONES 42-INCH	AT	TEMPORARY MARKING ARROW REMOVABLE TAPE
	DIRECTION OF TRAFFIC		MARKING REMOVAL
	TEMPORARY CROSSWALK ACCESS	(X)	TEMPORARY MARKING REMOVABLE MASK OUT TAPE (X)-INCH
	TEMPORARY PEDESTRIAN BARRICADE	CR	TEMPORARY PEDESTRIAN CURB RAMP
XX / AA	SAWING ASPHALT/SAWING CONCRETE	WF	TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELD
TAMD	TEMPORARY AUDIBLE MESSAGE DEVICE		

PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	TRAFFIC CONTROL STAGE 1	SHEET 87	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\025101-TC.DWG
LAYOUT NAME - 025103-tc
PLOT DATE : 10/21/2026 10:45 AM
PLOT BY : GOMEZ, JACK
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2



* SEE TRAFFIC CONTROL DETAIL MINOR SIDE ROADS FOR ADVANCED WARNING. DO NOT CLOSE ADJACENT INTERSECTIONS AT SAME TIME.

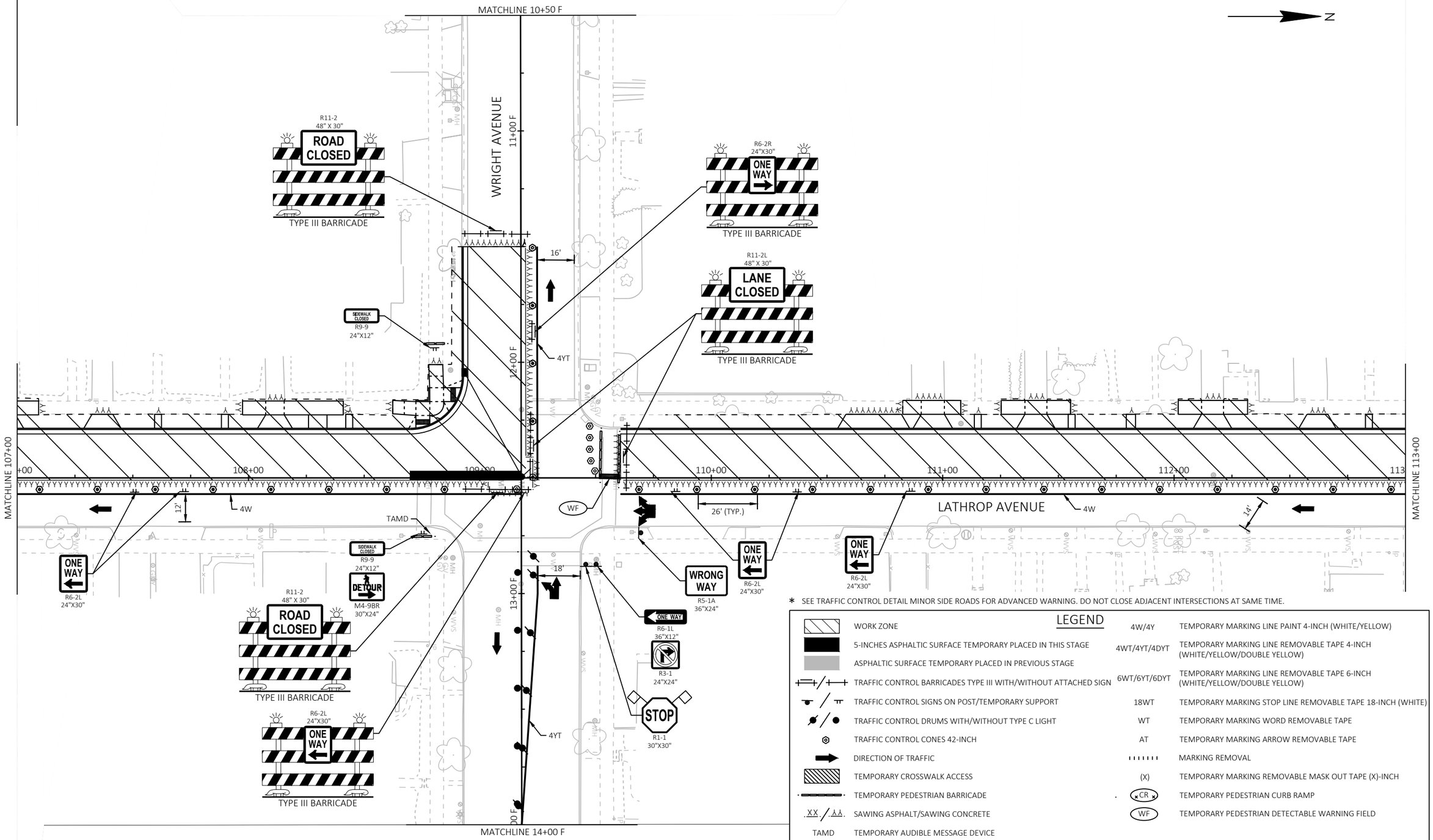
LEGEND

	WORK ZONE	4W/4Y	TEMPORARY MARKING LINE PAINT 4-INCH (WHITE/YELLOW)
	5-INCHES ASPHALTIC SURFACE TEMPORARY PLACED IN THIS STAGE	4WT/4YT/4DYT	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE/YELLOW/DOUBLE YELLOW)
	ASPHALTIC SURFACE TEMPORARY PLACED IN PREVIOUS STAGE		
	TRAFFIC CONTROL BARRICADES TYPE III WITH/WITHOUT ATTACHED SIGN	6WT/6YT/6DYT	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE/YELLOW/DOUBLE YELLOW)
	TRAFFIC CONTROL SIGNS ON POST/TEMPORARY SUPPORT	18WT	TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH (WHITE)
	TRAFFIC CONTROL DRUMS WITH/WITHOUT TYPE C LIGHT	WT	TEMPORARY MARKING WORD REMOVABLE TAPE
	TRAFFIC CONTROL CONES 42-INCH	AT	TEMPORARY MARKING ARROW REMOVABLE TAPE
	DIRECTION OF TRAFFIC		MARKING REMOVAL
	TEMPORARY CROSSWALK ACCESS	(X)	TEMPORARY MARKING REMOVABLE MASK OUT TAPE (X)-INCH
	TEMPORARY PEDESTRIAN BARRICADE	CR	TEMPORARY PEDESTRIAN CURB RAMP
XX / ΔΔ	SAWING ASPHALT/SAWING CONCRETE	WF	TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELD
TAMD	TEMPORARY AUDIBLE MESSAGE DEVICE		

PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	TRAFFIC CONTROL STAGE 1	SHEET 88	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\025101-TC.DWG
LAYOUT NAME - 025104-tc
PLOT DATE : 10/21/2026 10:46 AM
PLOT BY : GOMEZ, JACK
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2



* SEE TRAFFIC CONTROL DETAIL MINOR SIDE ROADS FOR ADVANCED WARNING. DO NOT CLOSE ADJACENT INTERSECTIONS AT SAME TIME.

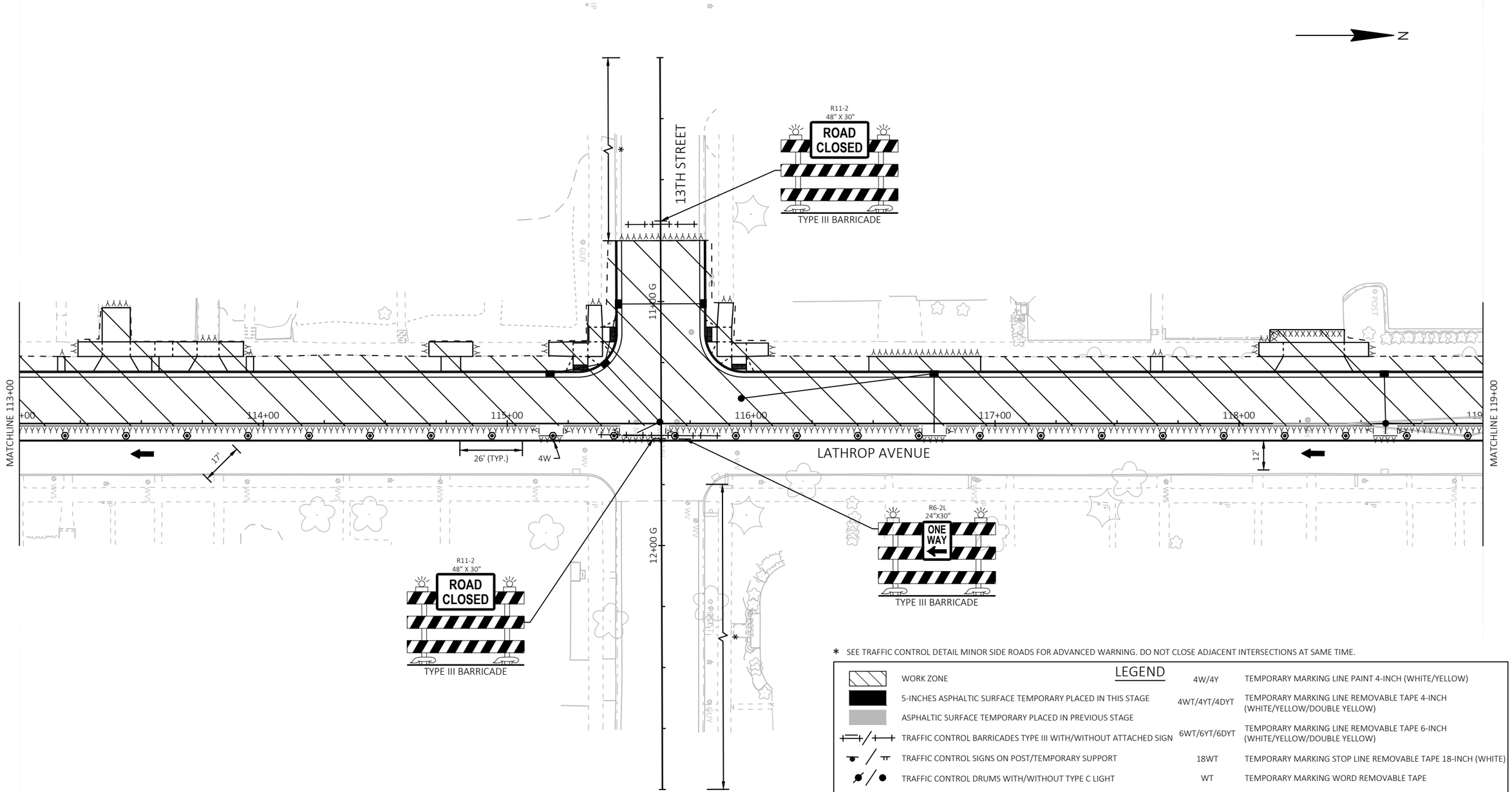
LEGEND

	WORK ZONE	4W/4Y	TEMPORARY MARKING LINE PAINT 4-INCH (WHITE/YELLOW)
	5-INCHES ASPHALTIC SURFACE TEMPORARY PLACED IN THIS STAGE	4WT/4YT/4DYT	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE/YELLOW/DOUBLE YELLOW)
	ASPHALTIC SURFACE TEMPORARY PLACED IN PREVIOUS STAGE		
	TRAFFIC CONTROL BARRICADES TYPE III WITH/WITHOUT ATTACHED SIGN	6WT/6YT/6DYT	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE/YELLOW/DOUBLE YELLOW)
	TRAFFIC CONTROL SIGNS ON POST/TEMPORARY SUPPORT	18WT	TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH (WHITE)
	TRAFFIC CONTROL DRUMS WITH/WITHOUT TYPE C LIGHT	WT	TEMPORARY MARKING WORD REMOVABLE TAPE
	TRAFFIC CONTROL CONES 42-INCH	AT	TEMPORARY MARKING ARROW REMOVABLE TAPE
	DIRECTION OF TRAFFIC		MARKING REMOVAL
	TEMPORARY CROSSWALK ACCESS	(X)	TEMPORARY MARKING REMOVABLE MASK OUT TAPE (X)-INCH
	TEMPORARY PEDESTRIAN BARRICADE	CR	TEMPORARY PEDESTRIAN CURB RAMP
XX / AA	SAWING ASPHALT/SAWING CONCRETE	WF	TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELD
TAMD	TEMPORARY AUDIBLE MESSAGE DEVICE		

PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	TRAFFIC CONTROL STAGE 1	SHEET 89 E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\025101-TC.DWG
LAYOUT NAME - 025105-tc
PLOT DATE : 10/21/2026 10:46 AM
PLOT BY : GOMEZ, JACK
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2



* SEE TRAFFIC CONTROL DETAIL MINOR SIDE ROADS FOR ADVANCED WARNING. DO NOT CLOSE ADJACENT INTERSECTIONS AT SAME TIME.

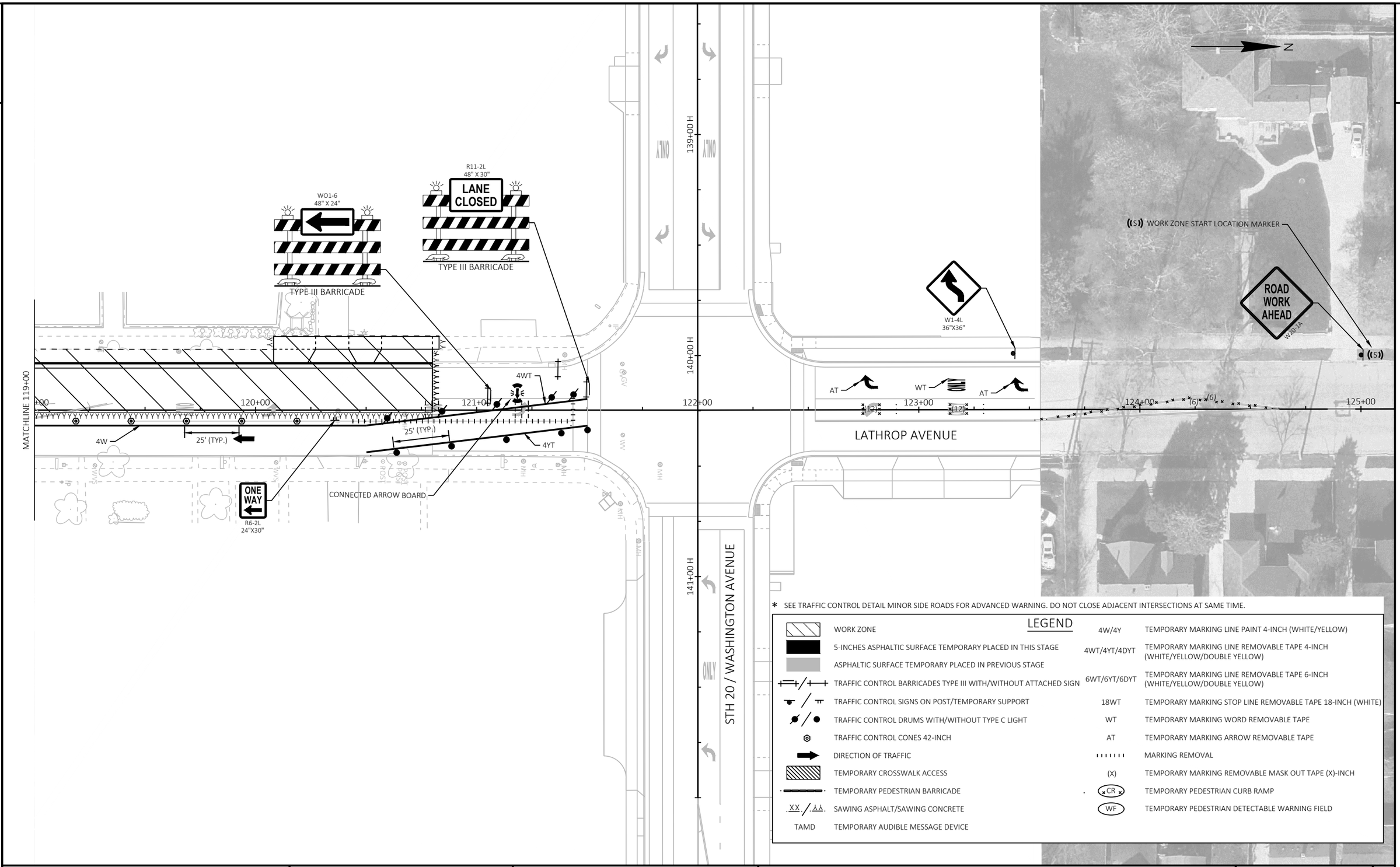
LEGEND

	WORK ZONE	4W/4Y	TEMPORARY MARKING LINE PAINT 4-INCH (WHITE/YELLOW)
	5-INCHES ASPHALTIC SURFACE TEMPORARY PLACED IN THIS STAGE	4WT/4YT/4DYT	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE/YELLOW/DOUBLE YELLOW)
	ASPHALTIC SURFACE TEMPORARY PLACED IN PREVIOUS STAGE		
	TRAFFIC CONTROL BARRICADES TYPE III WITH/WITHOUT ATTACHED SIGN	6WT/6YT/6DYT	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE/YELLOW/DOUBLE YELLOW)
	TRAFFIC CONTROL SIGNS ON POST/TEMPORARY SUPPORT	18WT	TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH (WHITE)
	TRAFFIC CONTROL DRUMS WITH/WITHOUT TYPE C LIGHT	WT	TEMPORARY MARKING WORD REMOVABLE TAPE
	TRAFFIC CONTROL CONES 42-INCH	AT	TEMPORARY MARKING ARROW REMOVABLE TAPE
	DIRECTION OF TRAFFIC		MARKING REMOVAL
	TEMPORARY CROSSWALK ACCESS	(X)	TEMPORARY MARKING REMOVABLE MASK OUT TAPE (X)-INCH
	TEMPORARY PEDESTRIAN BARRICADE	CR	TEMPORARY PEDESTRIAN CURB RAMP
XX / AA	SAWING ASPHALT/SAWING CONCRETE	WF	TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELD
TAMD	TEMPORARY AUDIBLE MESSAGE DEVICE		

PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	TRAFFIC CONTROL STAGE 1	SHEET 90	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\025101-TC.DWG
LAYOUT NAME - 025106-tc
PLOT DATE : 10/21/2026 10:46 AM PLOT BY : GOMEZ, JACK PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2



* SEE TRAFFIC CONTROL DETAIL MINOR SIDE ROADS FOR ADVANCED WARNING. DO NOT CLOSE ADJACENT INTERSECTIONS AT SAME TIME.

LEGEND

	WORK ZONE	4W/4Y	TEMPORARY MARKING LINE PAINT 4-INCH (WHITE/YELLOW)
	5-INCHES ASPHALTIC SURFACE TEMPORARY PLACED IN THIS STAGE	4WT/4YT/4DYT	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE/YELLOW/DOUBLE YELLOW)
	ASPHALTIC SURFACE TEMPORARY PLACED IN PREVIOUS STAGE		
	TRAFFIC CONTROL BARRICADES TYPE III WITH/WITHOUT ATTACHED SIGN	6WT/6YT/6DYT	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE/YELLOW/DOUBLE YELLOW)
	TRAFFIC CONTROL SIGNS ON POST/TEMPORARY SUPPORT	18WT	TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH (WHITE)
	TRAFFIC CONTROL DRUMS WITH/WITHOUT TYPE C LIGHT	WT	TEMPORARY MARKING WORD REMOVABLE TAPE
	TRAFFIC CONTROL CONES 42-INCH	AT	TEMPORARY MARKING ARROW REMOVABLE TAPE
	DIRECTION OF TRAFFIC		MARKING REMOVAL
	TEMPORARY CROSSWALK ACCESS	(X)	TEMPORARY MARKING REMOVABLE MASK OUT TAPE (X)-INCH
	TEMPORARY PEDESTRIAN BARRICADE	CR	TEMPORARY PEDESTRIAN CURB RAMP
XX / XX	SAWING ASPHALT/SAWING CONCRETE	WF	TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELD
TAMD	TEMPORARY AUDIBLE MESSAGE DEVICE		

PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	TRAFFIC CONTROL STAGE 1	SHEET 91	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\025101-TC.DWG
LAYOUT NAME - 025107-tc
PLOT DATE : 10/21/2026 10:46 AM
PLOT BY : GOMEZ, JACK
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

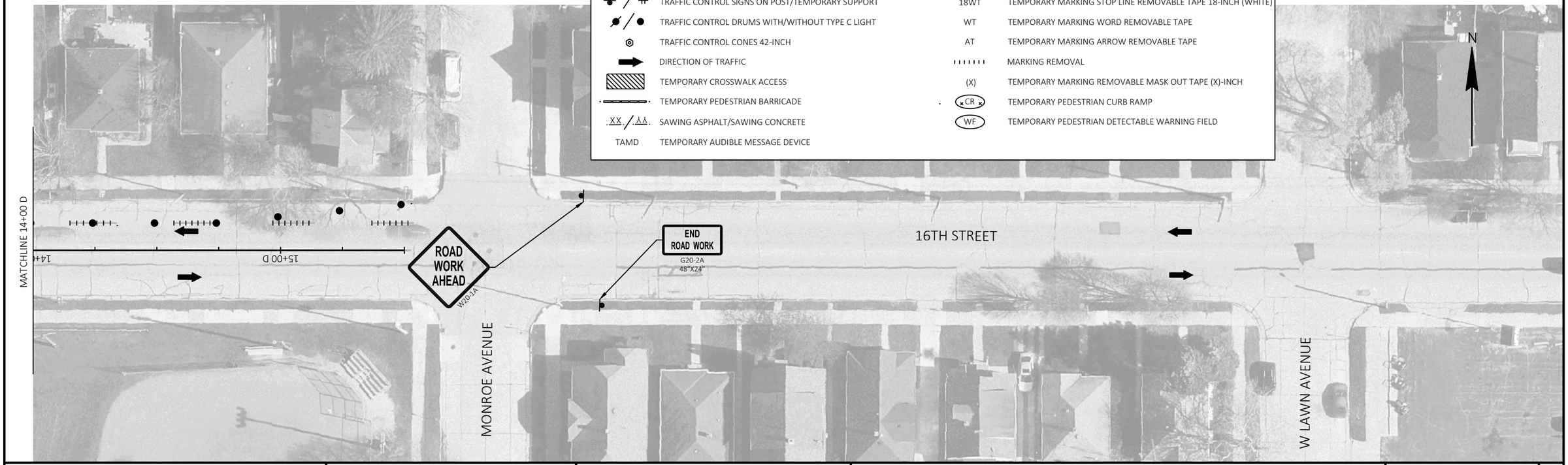


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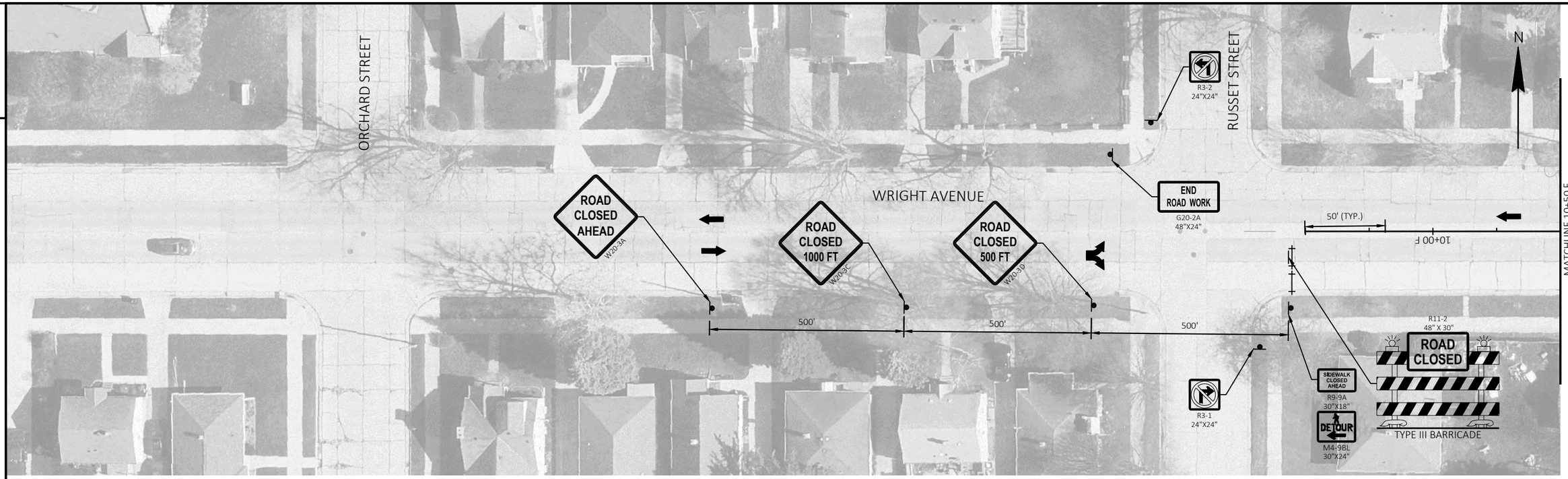
* SEE TRAFFIC CONTROL DETAIL MINOR SIDE ROADS FOR ADVANCED WARNING. DO NOT CLOSE ADJACENT INTERSECTIONS AT SAME TIME.

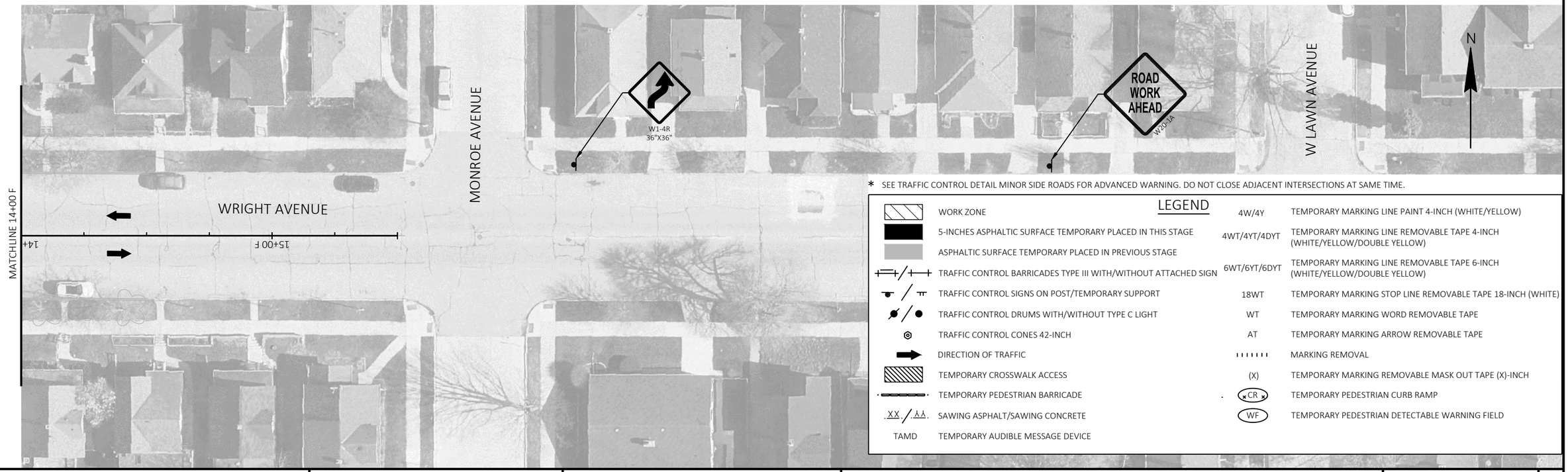
LEGEND

	WORK ZONE	4W/4Y	TEMPORARY MARKING LINE PAINT 4-INCH (WHITE/YELLOW)
	5-INCHES ASPHALTIC SURFACE TEMPORARY PLACED IN THIS STAGE	4WT/4YT/4DYT	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE/YELLOW/DOUBLE YELLOW)
	ASPHALTIC SURFACE TEMPORARY PLACED IN PREVIOUS STAGE		
	TRAFFIC CONTROL BARRICADES TYPE III WITH/WITHOUT ATTACHED SIGN	6WT/6YT/6DYT	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE/YELLOW/DOUBLE YELLOW)
	TRAFFIC CONTROL SIGNS ON POST/TEMPORARY SUPPORT	18WT	TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH (WHITE)
	TRAFFIC CONTROL DRUMS WITH/WITHOUT TYPE C LIGHT	WT	TEMPORARY MARKING WORD REMOVABLE TAPE
	TRAFFIC CONTROL CONES 42-INCH	AT	TEMPORARY MARKING ARROW REMOVABLE TAPE
	DIRECTION OF TRAFFIC		MARKING REMOVAL
	TEMPORARY CROSSWALK ACCESS	(X)	TEMPORARY MARKING REMOVABLE MASK OUT TAPE (X)-INCH
	TEMPORARY PEDESTRIAN BARRICADE	CR	TEMPORARY PEDESTRIAN CURB RAMP
XX / YY	SAWING ASPHALT/SAWING CONCRETE	WF	TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELD
TAMD	TEMPORARY AUDIBLE MESSAGE DEVICE		



PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	TRAFFIC CONTROL STAGE 1	SHEET 92 E





* SEE TRAFFIC CONTROL DETAIL MINOR SIDE ROADS FOR ADVANCED WARNING. DO NOT CLOSE ADJACENT INTERSECTIONS AT SAME TIME.

LEGEND

	WORK ZONE	4W/4Y	TEMPORARY MARKING LINE PAINT 4-INCH (WHITE/YELLOW)
	5-INCHES ASPHALTIC SURFACE TEMPORARY PLACED IN THIS STAGE	4WT/4YT/4DYT	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE/YELLOW/DOUBLE YELLOW)
	ASPHALTIC SURFACE TEMPORARY PLACED IN PREVIOUS STAGE		
	TRAFFIC CONTROL BARRICADES TYPE III WITH/WITHOUT ATTACHED SIGN	6WT/6YT/6DYT	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE/YELLOW/DOUBLE YELLOW)
	TRAFFIC CONTROL SIGNS ON POST/TEMPORARY SUPPORT	18WT	TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH (WHITE)
	TRAFFIC CONTROL DRUMS WITH/WITHOUT TYPE C LIGHT	WT	TEMPORARY MARKING WORD REMOVABLE TAPE
	TRAFFIC CONTROL CONES 42-INCH	AT	TEMPORARY MARKING ARROW REMOVABLE TAPE
	DIRECTION OF TRAFFIC		MARKING REMOVAL
	TEMPORARY CROSSWALK ACCESS	(X)	TEMPORARY MARKING REMOVABLE MASK OUT TAPE (X)-INCH
	TEMPORARY PEDESTRIAN BARRICADE	CR	TEMPORARY PEDESTRIAN CURB RAMP
XX / YY	SAWING ASPHALT/SAWING CONCRETE	WF	TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELD
TAMD	TEMPORARY AUDIBLE MESSAGE DEVICE		

PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	TRAFFIC CONTROL STAGE 1	SHEET 93	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\025101-TC.DWG
LAYOUT NAME - 025109-tc

PLOT DATE : 10/21/2026 10:46 AM PLOT BY : GOMEZ, JACK PLOT NAME : PLOT SCALE : ##########

2

2

* SEE TRAFFIC CONTROL DETAIL MINOR SIDE ROADS FOR ADVANCED WARNING. DO NOT CLOSE ADJACENT INTERSECTIONS AT SAME TIME.

LEGEND

	WORK ZONE	4W/4Y	TEMPORARY MARKING LINE PAINT 4-INCH (WHITE/YELLOW)
	5-INCHES ASPHALTIC SURFACE TEMPORARY PLACED IN THIS STAGE	4WT/4YT/4DYT	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE/YELLOW/DOUBLE YELLOW)
	ASPHALTIC SURFACE TEMPORARY PLACED IN PREVIOUS STAGE		
	TRAFFIC CONTROL BARRICADES TYPE III WITH/WITHOUT ATTACHED SIGN	6WT/6YT/6DYT	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE/YELLOW/DOUBLE YELLOW)
	TRAFFIC CONTROL SIGNS ON POST/TEMPORARY SUPPORT	18WT	TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH (WHITE)
	TRAFFIC CONTROL DRUMS WITH/WITHOUT TYPE C LIGHT	WT	TEMPORARY MARKING WORD REMOVABLE TAPE
	TRAFFIC CONTROL CONES 42-INCH	AT	TEMPORARY MARKING ARROW REMOVABLE TAPE
	DIRECTION OF TRAFFIC		MARKING REMOVAL
	TEMPORARY CROSSWALK ACCESS	(X)	TEMPORARY MARKING REMOVABLE MASK OUT TAPE (X)-INCH
	TEMPORARY PEDESTRIAN BARRICADE	CR	TEMPORARY PEDESTRIAN CURB RAMP
XX / XX	SAWING ASPHALT/SAWING CONCRETE	WF	TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELD
TAMD	TEMPORARY AUDIBLE MESSAGE DEVICE		

MATCHLINE 10+50 D

N

16TH STREET

11+00 D

12+00 D

13+00 D

14+00 D

13'

20'

12'

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

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

SIDEWALK CLOSED
R9-9
24"X12"

MATCHLINE 95+00

95+00

96+00

97+00

98+00

99+00

100+00

101

MATCHLINE 101+00

LATHROP AVENUE

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

4W

TAMD

SIDEWALK CLOSED
R9-9
24"X12"

DETOUR
M4-9BR
30"X24"

R6-2L
24"X30"
ONE WAY
TYPE III BARRICADE

WF
18WT
6WT

STOP
R1-1
30"X30"

WRONG WAY
R5-1A
36"X24"

ONE WAY
R6-1L
36"X12"

R3-1
24"X24"

STOP
R1-1
30"X30"

MATCHLINE 14+00 D

PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	TRAFFIC CONTROL STAGE 1A	SHEET 94	E

2

MATCHLINE 10+50 F

N

WRIGHT AVENUE

WO1-6
48" X 24"
TYPE III BARRICADE

R6-2L
24"X30"
ONE WAY
TYPE III BARRICADE

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

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

SIDEWALK CLOSED
R9-9
24"X12"

4YT
4WT
12'
11+00 F
18'
12+00 F
13+00 F
10+00 F

MATCHLINE 107+00

107+00
108+00
109+00
110+00
111+00
112+00
113

MATCHLINE 113+00

WF
12'
18WT
6WT
4W

SIDEWALK CLOSED
R9-9
24"X12"
DETOUR
M4-9BL
30"X24"

LATHROP AVENUE

TAMD
WRONG WAY
R5-1A
36"X24"

ONE WAY
R6-1R
36"X12"
STOP
R1-1
30"X30"
R3-2
24"X24"

STOP
R1-1
30"X30"
ONE WAY
R6-1L
36"X12"
R3-1
24"X24"

MATCHLINE 14+00 F

* SEE TRAFFIC CONTROL DETAIL MINOR SIDE ROADS FOR ADVANCED WARNING. DO NOT CLOSE ADJACENT INTERSECTIONS AT SAME TIME.

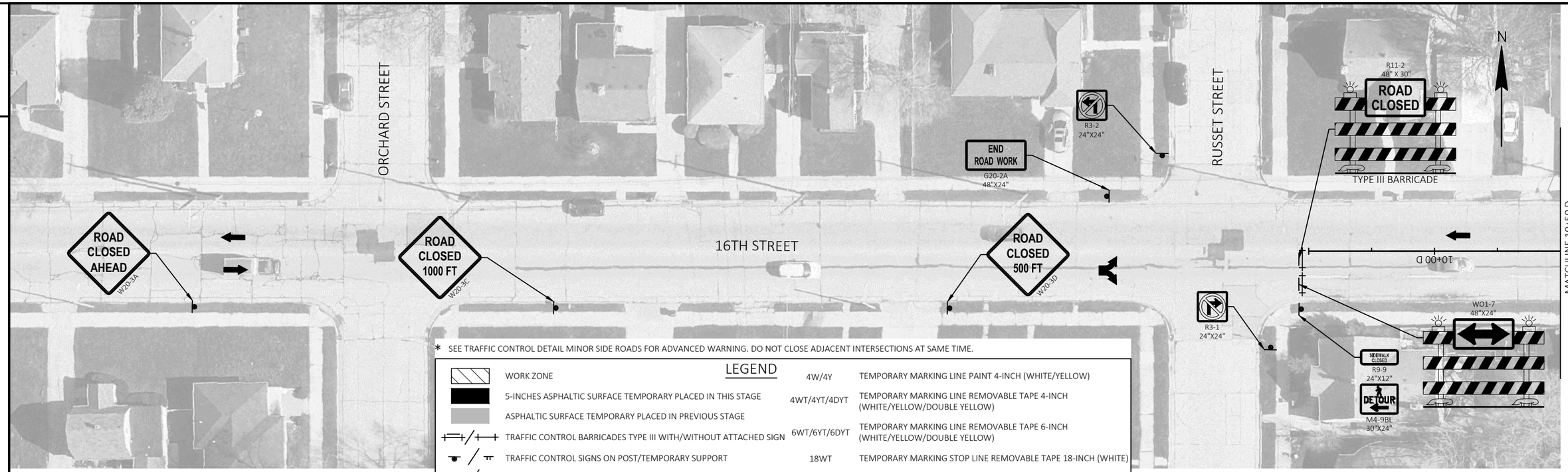
LEGEND

	WORK ZONE	4W/4Y	TEMPORARY MARKING LINE PAINT 4-INCH (WHITE/YELLOW)
	5-INCHES ASPHALTIC SURFACE TEMPORARY PLACED IN THIS STAGE	4WT/4YT/4DYT	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE/YELLOW/DOUBLE YELLOW)
	ASPHALTIC SURFACE TEMPORARY PLACED IN PREVIOUS STAGE		
	TRAFFIC CONTROL BARRICADES TYPE III WITH/WITHOUT ATTACHED SIGN	6WT/6YT/6DYT	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE/YELLOW/DOUBLE YELLOW)
	TRAFFIC CONTROL SIGNS ON POST/TEMPORARY SUPPORT	18WT	TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH (WHITE)
	TRAFFIC CONTROL DRUMS WITH/WITHOUT TYPE C LIGHT	WT	TEMPORARY MARKING WORD REMOVABLE TAPE
	TRAFFIC CONTROL CONES 42-INCH	AT	TEMPORARY MARKING ARROW REMOVABLE TAPE
	DIRECTION OF TRAFFIC		MARKING REMOVAL
	TEMPORARY CROSSWALK ACCESS	(X)	TEMPORARY MARKING REMOVABLE MASK OUT TAPE (X)-INCH
	TEMPORARY PEDESTRIAN BARRICADE	CR	TEMPORARY PEDESTRIAN CURB RAMP
XX / XX	SAWING ASPHALT/SAWING CONCRETE	WF	TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELD
TAMD	TEMPORARY AUDIBLE MESSAGE DEVICE		

PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	TRAFFIC CONTROL STAGE 1A	SHEET 95	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\025101-TC-S1A.DWG
LAYOUT NAME - 025111-tc
PLOT DATE : 10/21/2026 10:47 AM
PLOT BY : GOMEZ, JACK
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

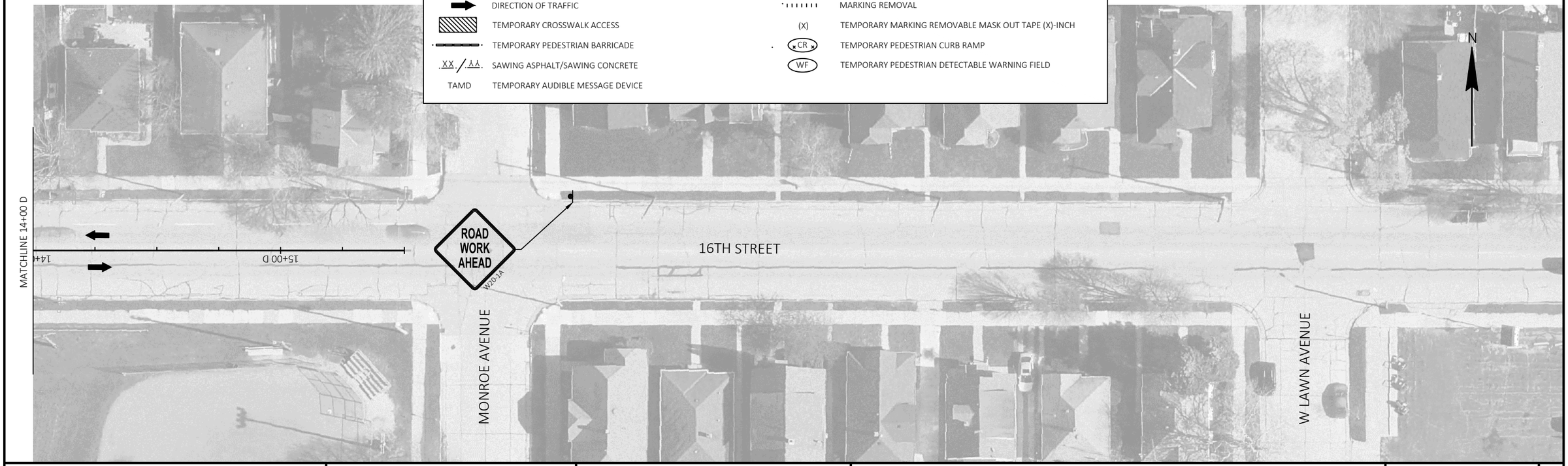
2



* SEE TRAFFIC CONTROL DETAIL MINOR SIDE ROADS FOR ADVANCED WARNING. DO NOT CLOSE ADJACENT INTERSECTIONS AT SAME TIME.

LEGEND

	WORK ZONE	4W/4Y	TEMPORARY MARKING LINE PAINT 4-INCH (WHITE/YELLOW)
	5-INCHES ASPHALTIC SURFACE TEMPORARY PLACED IN THIS STAGE	4WT/4YT/4DYT	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE/YELLOW/DOUBLE YELLOW)
	ASPHALTIC SURFACE TEMPORARY PLACED IN PREVIOUS STAGE		
	TRAFFIC CONTROL BARRICADES TYPE III WITH/WITHOUT ATTACHED SIGN	6WT/6YT/6DYT	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE/YELLOW/DOUBLE YELLOW)
	TRAFFIC CONTROL SIGNS ON POST/TEMPORARY SUPPORT	18WT	TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH (WHITE)
	TRAFFIC CONTROL DRUMS WITH/WITHOUT TYPE C LIGHT	WT	TEMPORARY MARKING WORD REMOVABLE TAPE
	TRAFFIC CONTROL CONES 42-INCH	AT	TEMPORARY MARKING ARROW REMOVABLE TAPE
	DIRECTION OF TRAFFIC		MARKING REMOVAL
	TEMPORARY CROSSWALK ACCESS	(X)	TEMPORARY MARKING REMOVABLE MASK OUT TAPE (X)-INCH
	TEMPORARY PEDESTRIAN BARRICADE	CR	TEMPORARY PEDESTRIAN CURB RAMP
XX / YY	SAWING ASPHALT/SAWING CONCRETE	WF	TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELD
TAMD	TEMPORARY AUDIBLE MESSAGE DEVICE		

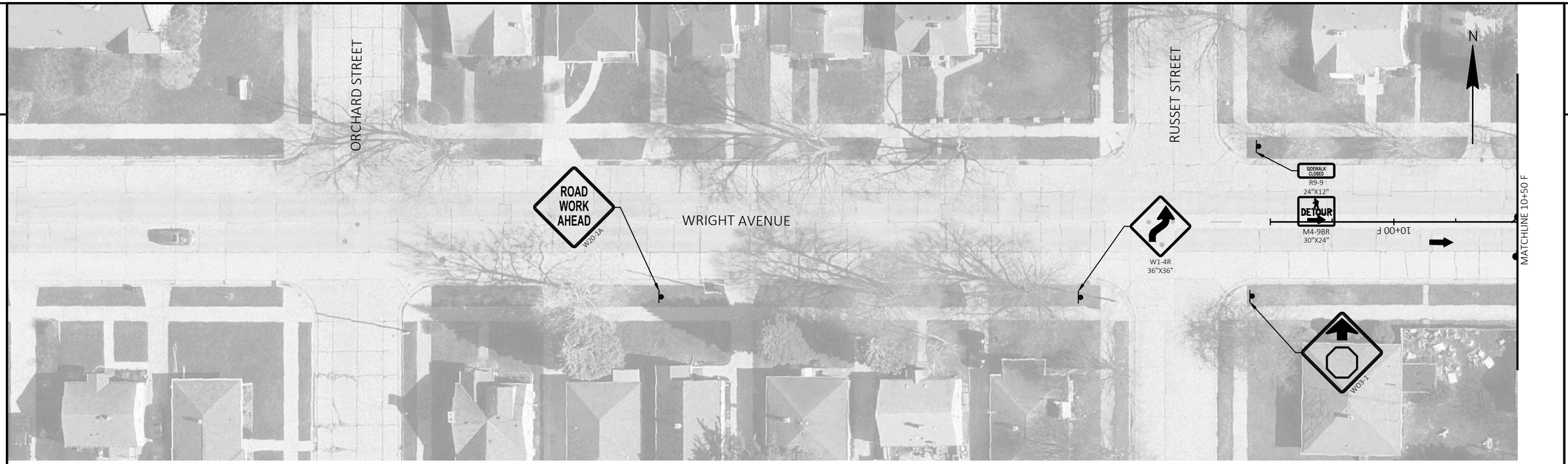


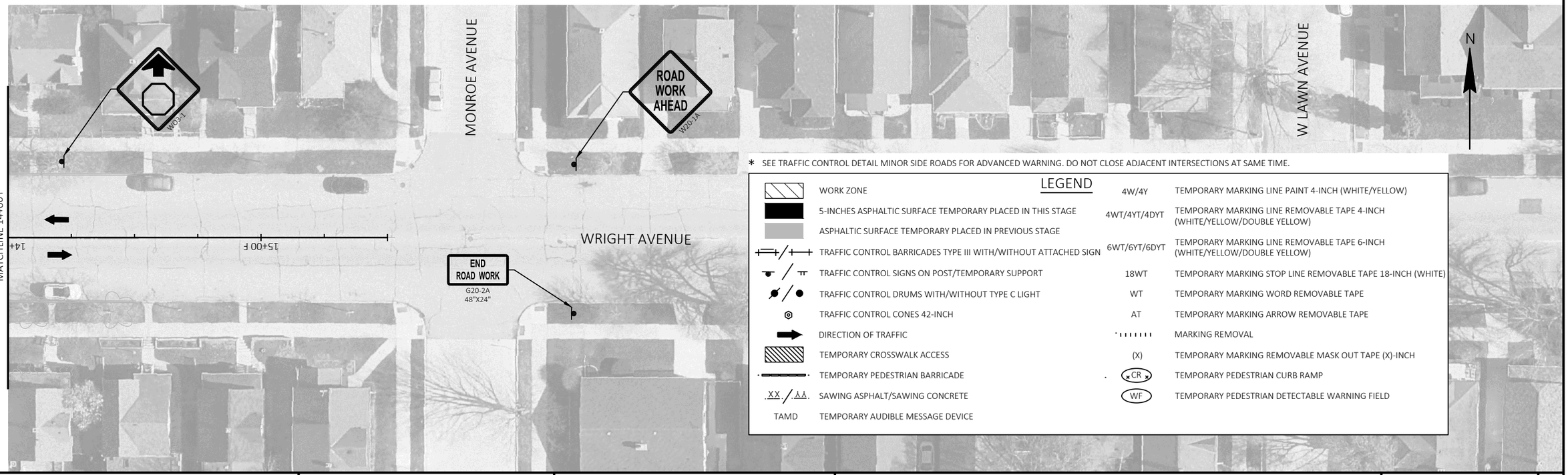
PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	TRAFFIC CONTROL STAGE 1A	SHEET 96 E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\025101-TC-S1A.DWG
LAYOUT NAME - 025112-tc

PLOT DATE : 10/21/2026 10:47 AM PLOT BY : GOMEZ, JACK PLOT NAME : PLOT SCALE : ##########

2





* SEE TRAFFIC CONTROL DETAIL MINOR SIDE ROADS FOR ADVANCED WARNING. DO NOT CLOSE ADJACENT INTERSECTIONS AT SAME TIME.

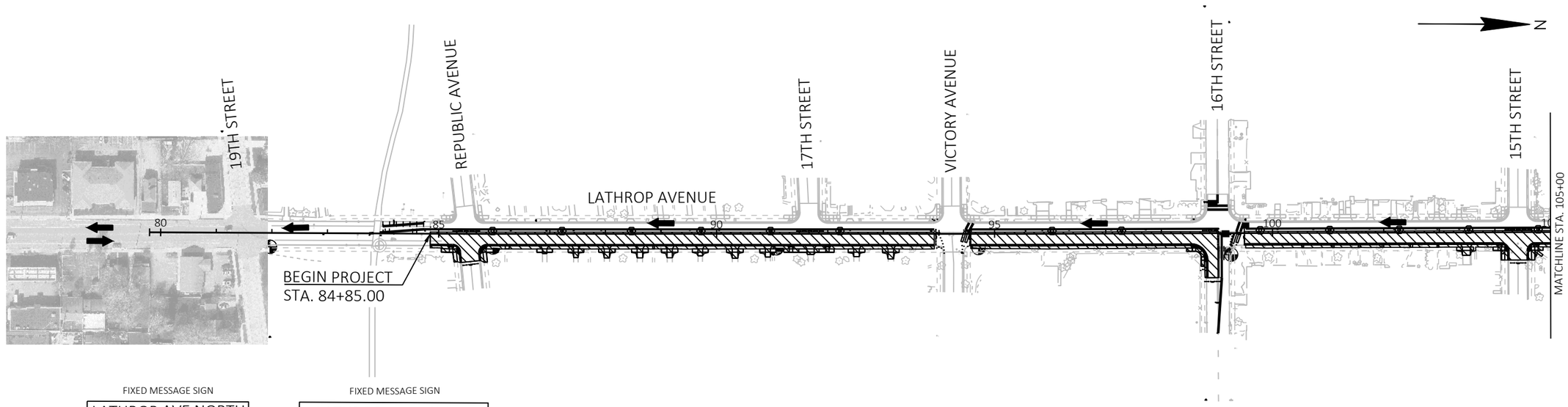
LEGEND

	WORK ZONE	4W/4Y	TEMPORARY MARKING LINE PAINT 4-INCH (WHITE/YELLOW)
	5-INCHES ASPHALTIC SURFACE TEMPORARY PLACED IN THIS STAGE	4WT/4YT/4DYT	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE/YELLOW/DOUBLE YELLOW)
	ASPHALTIC SURFACE TEMPORARY PLACED IN PREVIOUS STAGE		
	TRAFFIC CONTROL BARRICADES TYPE III WITH/WITHOUT ATTACHED SIGN	6WT/6YT/6DYT	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE/YELLOW/DOUBLE YELLOW)
	TRAFFIC CONTROL SIGNS ON POST/TEMPORARY SUPPORT	18WT	TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH (WHITE)
	TRAFFIC CONTROL DRUMS WITH/WITHOUT TYPE C LIGHT	WT	TEMPORARY MARKING WORD REMOVABLE TAPE
	TRAFFIC CONTROL CONES 42-INCH	AT	TEMPORARY MARKING ARROW REMOVABLE TAPE
	DIRECTION OF TRAFFIC		MARKING REMOVAL
	TEMPORARY CROSSWALK ACCESS	(X)	TEMPORARY MARKING REMOVABLE MASK OUT TAPE (X)-INCH
	TEMPORARY PEDESTRIAN BARRICADE	CR	TEMPORARY PEDESTRIAN CURB RAMP
XX / YY	SAWING ASPHALT/SAWING CONCRETE	WF	TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELD
TAMD	TEMPORARY AUDIBLE MESSAGE DEVICE		

PROJECT NO:	HWY:	COUNTY:		SHEET	
2703-07-72	LOCAL STREET	RACINE	TRAFFIC CONTROL STAGE 1A	97	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\025101-TC-S1A.DWG
LAYOUT NAME - 025113-tc

PLOT DATE : 10/21/2026 10:47 AM PLOT BY : GOMEZ, JACK PLOT NAME : PLOT SCALE : ##########



FIXED MESSAGE SIGN

LATHROP AVE NORTH
CLOSED AHEAD

PLACE AT BLUE RIVER AVE INTERSECTION

FIXED MESSAGE SIGN

LATHROP AVE NORTH
CLOSED AT REPUBLIC AVE

PLACE AT OLIVE ST INTERSECTION

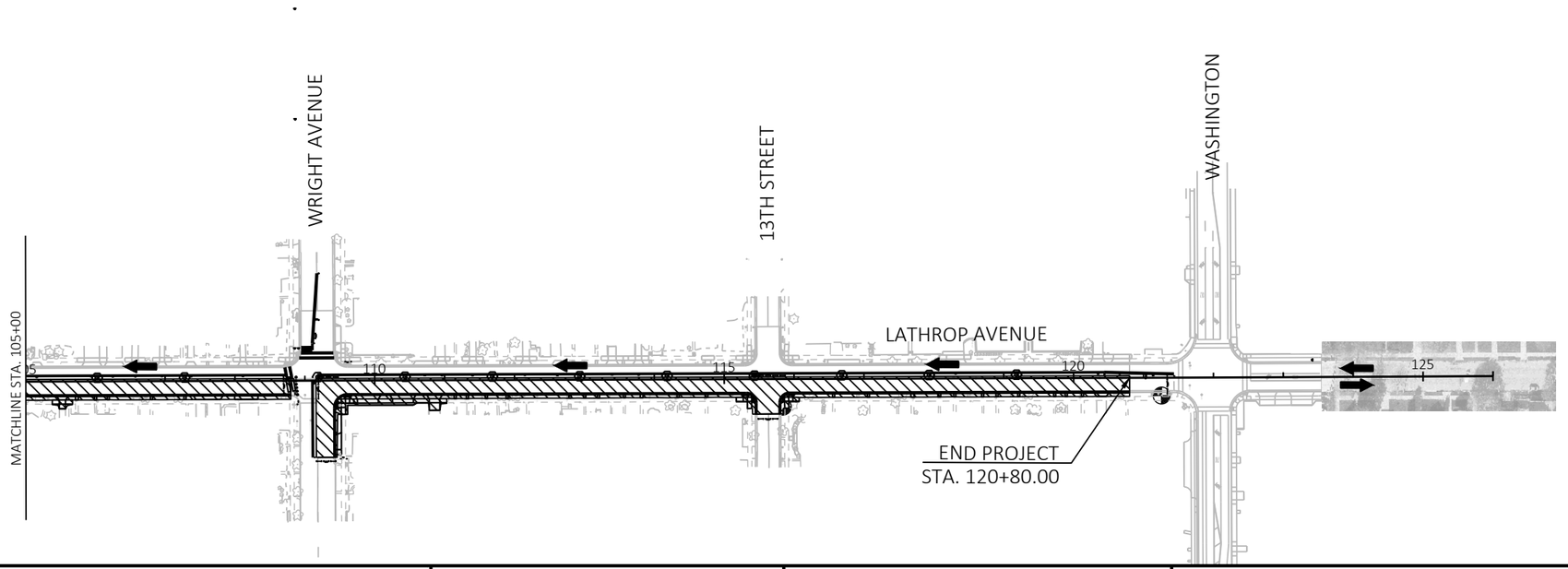
LEGEND

WORK ZONE

TRAFFIC CONTROL NOTES

1. THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.
2. ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.
3. 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.
4. SIGNS DESIGNATED AS "WO" ARE THE SAME AS "W" EXCEPT THE BACKGROUND IS ORANGE.
5. SEE SPECIAL PROVISIONS FOR ADDITIONAL TRAFFIC/STAGING REQUIREMENTS.
6. PAVEMENT MARKING WHICH MAY CONFLICT WITH TRAFFIC CONTROL "IN-USE" SHALL BE REMOVED AS DIRECTED BY THE ENGINEER.
7. TEMPORARY MARKING ON EXISTING OR TEMPORARY PAVEMENT SHALL BE TEMPORARY MARKING PAINT.
8. TEMPORARY MARKING ON NEW PAVEMENT SHALL BE TEMPORARY MARKING REMOVABLE TAPE.

NOTE: ALL TRAFFIC CONTROL DEVICES AND TEMPORARY MARKING REQUIRED FOR STAGE 2 MUST BE IN PLACE UPON THE COMPLETION OF STAGE 1 AND PRIOR TO SWITCHING TRAFFIC TO STAGE 2.



STAGE 2:

TRAFFIC (STAGE 2):

1. SOUTHBOUND TRAFFIC WILL REMAIN ON THE SOUTHBOUND SIDE OF THE PAVEMENT.
2. NORTHBOUND TRAFFIC WILL BE DETOURED.
3. MAINTAIN PEDESTRIAN ACCESS.

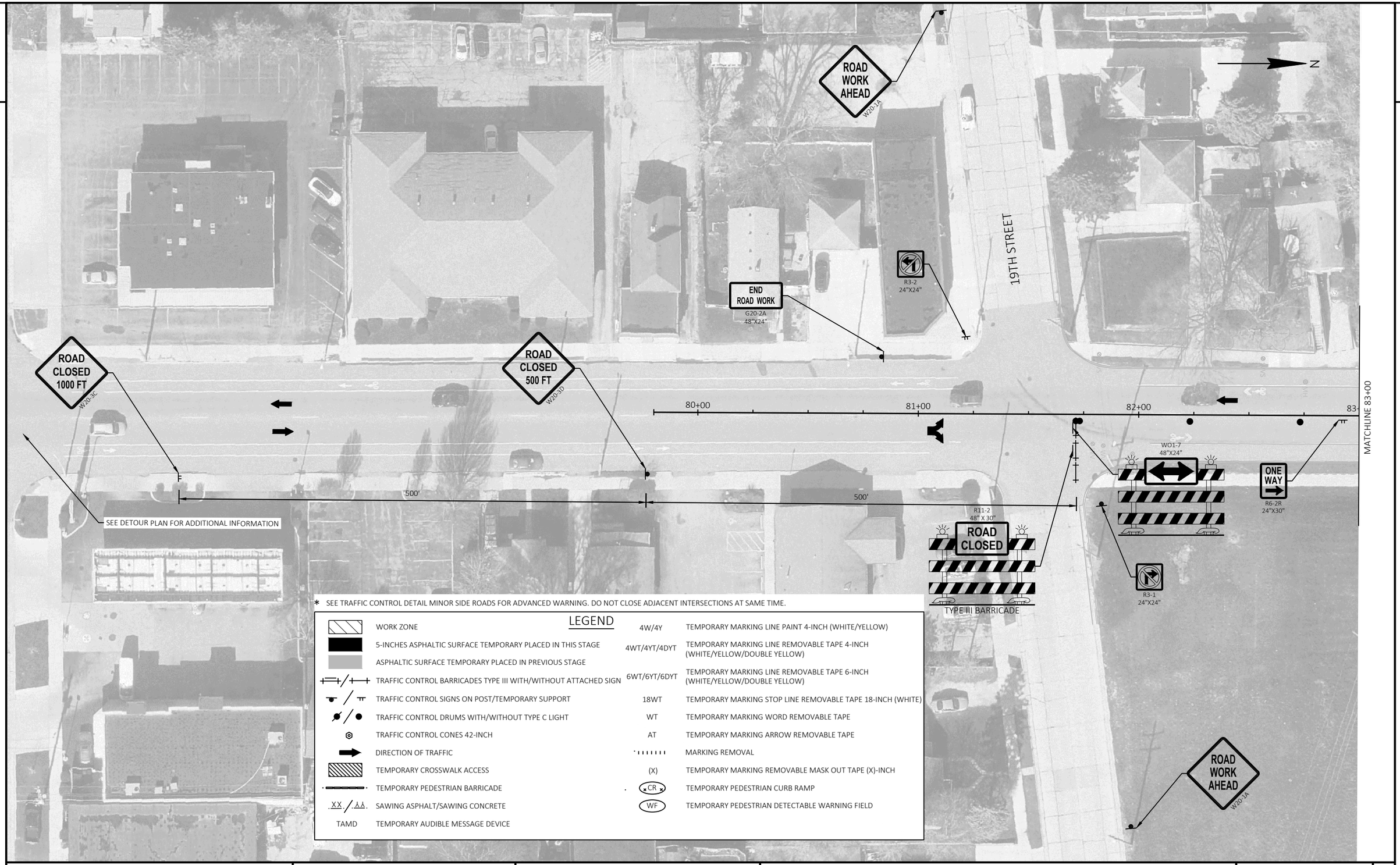
CONSTRUCT (STAGE 2):

1. INSTALL TRAFFIC CONTROL DEVICES NECESSARY FOR STAGE 2 CONSTRUCTION PRIOR TO THE TRAFFIC SWITCH TO STAGE 2.
2. REMOVE ALL EXISTING MARKINGS THAT CONFLICT WITH STAGE 2 TRAFFIC CONTROL.
3. REMOVE EXISTING INLETS, STORM SEWER LATERALS, AND MANHOLES THAT WILL BE REPLACED IN STAGE 2.
4. REMOVE EXISTING CURB AND GUTTER, AND PAVEMENT WITHIN THE STAGE 2 CONSTRUCTION LIMITS.
5. CONSTRUCT PROPOSED SIGNALS, CURB AND GUTTER, PAVEMENT, SIDEWALK, INLETS, STORM SEWER, PAVEMENT MARKING, AND SIGNING WITHIN STAGE 2 CONSTRUCTION LIMITS.
6. PLACE ALL EROSION CONTROL DEVICES AND FINISHING ITEMS THAT PERTAIN TO STAGE 2 CONSTRUCTION.

PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	TRAFFIC CONTROL STAGE 2 OVERVIEW	SHEET 98	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\025001-S2OV.DWG
LAYOUT NAME - 025001-s2ov
PLOT DATE : 10/21/2026 10:47 AM
PLOT BY : GOMEZ, JACK
PLOT NAME :
PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 42

2



* SEE TRAFFIC CONTROL DETAIL MINOR SIDE ROADS FOR ADVANCED WARNING. DO NOT CLOSE ADJACENT INTERSECTIONS AT SAME TIME.

LEGEND

	WORK ZONE	4W/4Y	TEMPORARY MARKING LINE PAINT 4-INCH (WHITE/YELLOW)
	5-INCHES ASPHALTIC SURFACE TEMPORARY PLACED IN THIS STAGE	4WT/4YT/4DYT	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE/YELLOW/DOUBLE YELLOW)
	ASPHALTIC SURFACE TEMPORARY PLACED IN PREVIOUS STAGE		
	TRAFFIC CONTROL BARRICADES TYPE III WITH/WITHOUT ATTACHED SIGN	6WT/6YT/6DYT	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE/YELLOW/DOUBLE YELLOW)
	TRAFFIC CONTROL SIGNS ON POST/TEMPORARY SUPPORT	18WT	TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH (WHITE)
	TRAFFIC CONTROL DRUMS WITH/WITHOUT TYPE C LIGHT	WT	TEMPORARY MARKING WORD REMOVABLE TAPE
	TRAFFIC CONTROL CONES 42-INCH	AT	TEMPORARY MARKING ARROW REMOVABLE TAPE
	DIRECTION OF TRAFFIC		MARKING REMOVAL
	TEMPORARY CROSSWALK ACCESS	(X)	TEMPORARY MARKING REMOVABLE MASK OUT TAPE (X)-INCH
	TEMPORARY PEDESTRIAN BARRICADE	CR	TEMPORARY PEDESTRIAN CURB RAMP
XX / ΔΔ	SAWING ASPHALT/SAWING CONCRETE	WF	TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELD
TAMD	TEMPORARY AUDIBLE MESSAGE DEVICE		

PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	TRAFFIC CONTROL STAGE 2	SHEET 99	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\025102-TC.DWG
LAYOUT NAME - 025114-tc
PLOT DATE : 10/21/2026 10:47 AM PLOT BY : GOMEZ, JACK PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

N

WO1-6
48" X 24"
TYPE III BARRICADE

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

ONE WAY
R6-2R
24"X30"

WO1-4L

ONE WAY
R6-2R
24"X30"

MATCHLINE 83+00

MATCHLINE 89+00

LATHROP AVENUE

25' (TYP.)

11'

4WT

4YT

83+00

84+00

85+00

86+00

87+00

88+00

89

STOP
R1-1
18"X18"

R6-2R
24"X30"
ONE WAY
TYPE III BARRICADE

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

11+00 A

REPUBLIC AVENUE

ONE WAY
R6-2R
24"X30"

* SEE TRAFFIC CONTROL DETAIL MINOR SIDE ROADS FOR ADVANCED WARNING. DO NOT CLOSE ADJACENT INTERSECTIONS AT SAME TIME.

LEGEND

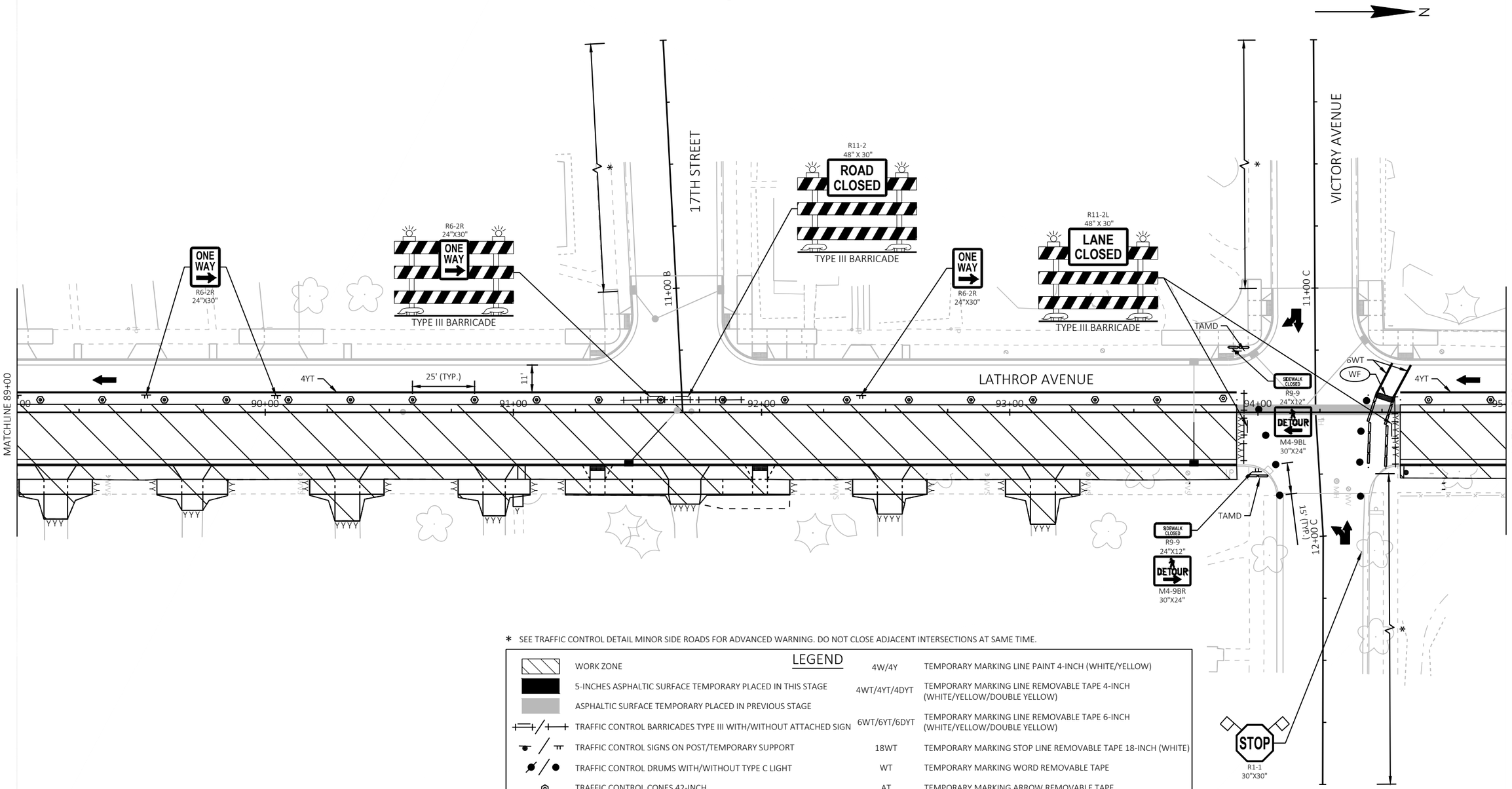
	WORK ZONE	4W/4Y	TEMPORARY MARKING LINE PAINT 4-INCH (WHITE/YELLOW)
	5-INCHES ASPHALTIC SURFACE TEMPORARY PLACED IN THIS STAGE	4WT/4YT/4DYT	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE/YELLOW/DOUBLE YELLOW)
	ASPHALTIC SURFACE TEMPORARY PLACED IN PREVIOUS STAGE		
	TRAFFIC CONTROL BARRICADES TYPE III WITH/WITHOUT ATTACHED SIGN	6WT/6YT/6DYT	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE/YELLOW/DOUBLE YELLOW)
	TRAFFIC CONTROL SIGNS ON POST/TEMPORARY SUPPORT	18WT	TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH (WHITE)
	TRAFFIC CONTROL DRUMS WITH/WITHOUT TYPE C LIGHT	WT	TEMPORARY MARKING WORD REMOVABLE TAPE
	TRAFFIC CONTROL CONES 42-INCH	AT	TEMPORARY MARKING ARROW REMOVABLE TAPE
	DIRECTION OF TRAFFIC		MARKING REMOVAL
	TEMPORARY CROSSWALK ACCESS	(X)	TEMPORARY MARKING REMOVABLE MASK OUT TAPE (X)-INCH
	TEMPORARY PEDESTRIAN BARRICADE	CR	TEMPORARY PEDESTRIAN CURB RAMP
XX / AA	SAWING ASPHALT/SAWING CONCRETE	WF	TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELD
TAMD	TEMPORARY AUDIBLE MESSAGE DEVICE		

PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	TRAFFIC CONTROL STAGE 2	SHEET 100	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\025102-TC.DWG
LAYOUT NAME - 025115-tc

PLOT DATE : 10/21/2026 10:47 AM PLOT BY : GOMEZ, JACK PLOT NAME : PLOT SCALE : 1 IN:40 FT

2



* SEE TRAFFIC CONTROL DETAIL MINOR SIDE ROADS FOR ADVANCED WARNING. DO NOT CLOSE ADJACENT INTERSECTIONS AT SAME TIME.

LEGEND

	WORK ZONE	4W/4Y	TEMPORARY MARKING LINE PAINT 4-INCH (WHITE/YELLOW)
	5-INCHES ASPHALTIC SURFACE TEMPORARY PLACED IN THIS STAGE	4WT/4YT/4DYT	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE/YELLOW/DOUBLE YELLOW)
	ASPHALTIC SURFACE TEMPORARY PLACED IN PREVIOUS STAGE		
	TRAFFIC CONTROL BARRICADES TYPE III WITH/WITHOUT ATTACHED SIGN	6WT/6YT/6DYT	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE/YELLOW/DOUBLE YELLOW)
	TRAFFIC CONTROL SIGNS ON POST/TEMPORARY SUPPORT	18WT	TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH (WHITE)
	TRAFFIC CONTROL DRUMS WITH/WITHOUT TYPE C LIGHT	WT	TEMPORARY MARKING WORD REMOVABLE TAPE
	TRAFFIC CONTROL CONES 42-INCH	AT	TEMPORARY MARKING ARROW REMOVABLE TAPE
	DIRECTION OF TRAFFIC		MARKING REMOVAL
	TEMPORARY CROSSWALK ACCESS	(X)	TEMPORARY MARKING REMOVABLE MASK OUT TAPE (X)-INCH
	TEMPORARY PEDESTRIAN BARRICADE	CR	TEMPORARY PEDESTRIAN CURB RAMP
XX / XX	SAWING ASPHALT/SAWING CONCRETE	WF	TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELD
TAMD	TEMPORARY AUDIBLE MESSAGE DEVICE		

PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	TRAFFIC CONTROL STAGE 2	SHEET 101 E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\025102-TC.DWG
LAYOUT NAME - 025116-tc

PLOT DATE : 10/21/2026 10:47 AM PLOT BY : GOMEZ, JACK PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

MATCHLINE 10+50 D

N

16TH STREET

11+00 D

12+00 D

13+00 D

14+00 D

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

STOP
R1-1
30"X30"

ONE WAY
R6-1R
36"X12"

R3-2
24"X24"

R6-2R
24"X30"
ONE WAY
TYPE III BARRICADE

SIDEWALK CLOSED
R9-9
24"X12"

DETOUR
M4-9BL
30"X24"

4YT

18WT

6WT

TAMD

LATHROP AVENUE

25' (TYP.)

11'

MATCHLINE 95+00

MATCHLINE 101+00

96+00

97+00

98+00

99+00

100+00

101

WF

ONE WAY
R6-1L
36"X12"

R3-1
24"X24"

DETOUR
M4-9BR
30"X24"

13'

25' (TYP.)

WO1-6
48" X 24"
TYPE III BARRICADE

MATCHLINE 14+00 D

* SEE TRAFFIC CONTROL DETAIL MINOR SIDE ROADS FOR ADVANCED WARNING. DO NOT CLOSE ADJACENT INTERSECTIONS AT SAME TIME.

LEGEND

	WORK ZONE	4W/4Y	TEMPORARY MARKING LINE PAINT 4-INCH (WHITE/YELLOW)
	5-INCHES ASPHALTIC SURFACE TEMPORARY PLACED IN THIS STAGE	4WT/4YT/4DYT	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE/YELLOW/DOUBLE YELLOW)
	ASPHALTIC SURFACE TEMPORARY PLACED IN PREVIOUS STAGE		
	TRAFFIC CONTROL BARRICADES TYPE III WITH/WITHOUT ATTACHED SIGN	6WT/6YT/6DYT	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE/YELLOW/DOUBLE YELLOW)
	TRAFFIC CONTROL SIGNS ON POST/TEMPORARY SUPPORT	18WT	TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH (WHITE)
	TRAFFIC CONTROL DRUMS WITH/WITHOUT TYPE C LIGHT	WT	TEMPORARY MARKING WORD REMOVABLE TAPE
	TRAFFIC CONTROL CONES 42-INCH	AT	TEMPORARY MARKING ARROW REMOVABLE TAPE
	DIRECTION OF TRAFFIC		MARKING REMOVAL
	TEMPORARY CROSSWALK ACCESS	(X)	TEMPORARY MARKING REMOVABLE MASK OUT TAPE (X)-INCH
	TEMPORARY PEDESTRIAN BARRICADE	CR	TEMPORARY PEDESTRIAN CURB RAMP
XX	SAWING ASPHALT/SAWING CONCRETE	WF	TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELD
TAMD	TEMPORARY AUDIBLE MESSAGE DEVICE		

PROJECT NO:	HWY:	COUNTY:		SHEET	
2703-07-72	LOCAL STREET	RACINE	TRAFFIC CONTROL STAGE 2	102	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\025102-TC.DWG
LAYOUT NAME - 025117-tc
PLOT DATE : 10/21/2026 10:48 AM
PLOT BY : GOMEZ, JACK
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

N

MATCHLINE 101+00

MATCHLINE 107+00

11+00 E

13+00 E

15TH STREET

LATHROP AVENUE

25' (TYP.)

11'

4YT

100

102+00

103+00

104+00

105+00

106+00

107

R6-2R
24"X30"
ONE WAY

TYPE III BARRICADE

R11-2
48" X 30"
ROAD CLOSED

TYPE III BARRICADE

R6-2R
24"X30"
ONE WAY

R11-2
48" X 30"
ROAD CLOSED

TYPE III BARRICADE

* SEE TRAFFIC CONTROL DETAIL MINOR SIDE ROADS FOR ADVANCED WARNING. DO NOT CLOSE ADJACENT INTERSECTIONS AT SAME TIME.

LEGEND

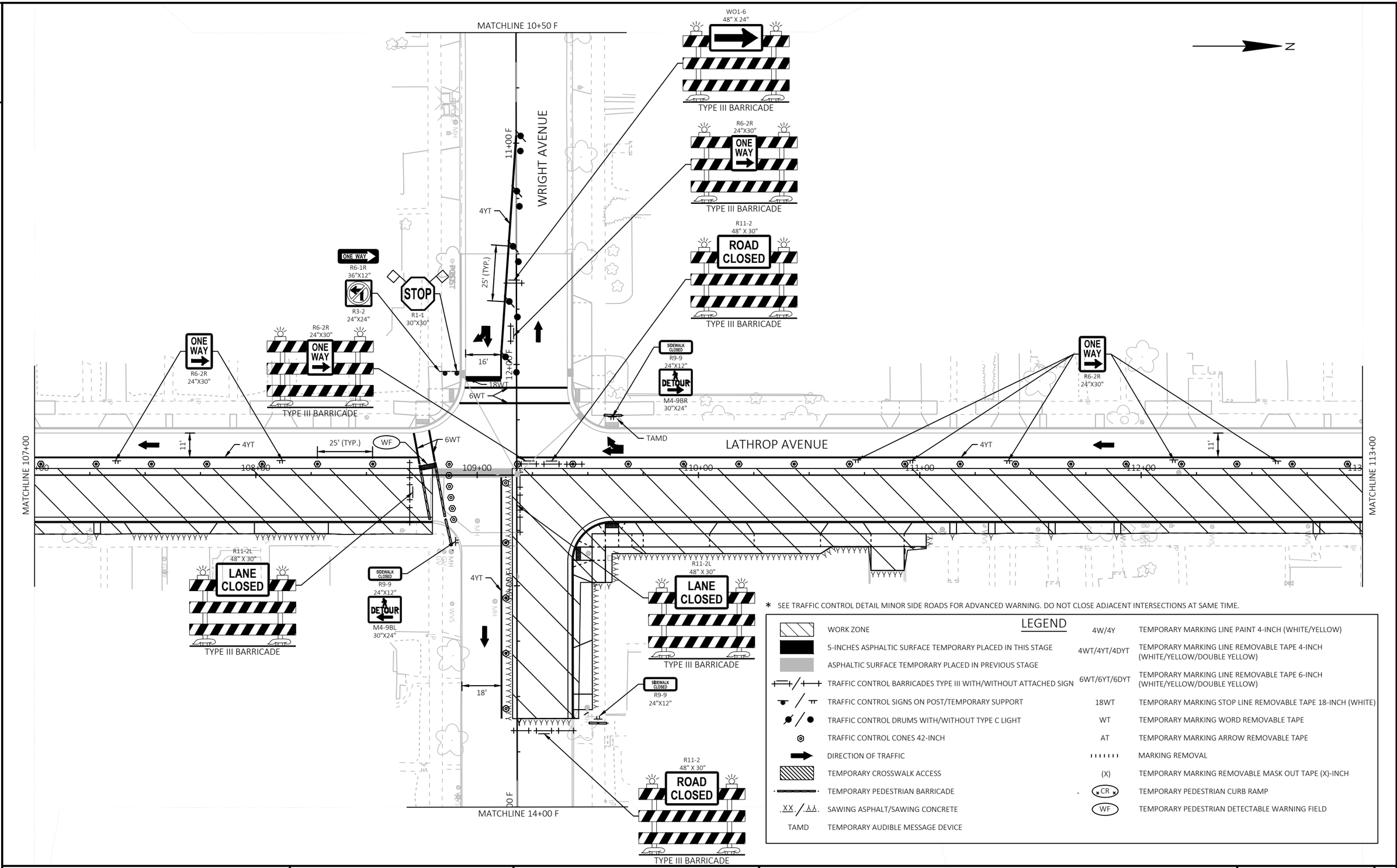
	WORK ZONE	4W/4Y	TEMPORARY MARKING LINE PAINT 4-INCH (WHITE/YELLOW)
	5-INCHES ASPHALTIC SURFACE TEMPORARY PLACED IN THIS STAGE	4WT/4YT/4DYT	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE/YELLOW/DOUBLE YELLOW)
	ASPHALTIC SURFACE TEMPORARY PLACED IN PREVIOUS STAGE		
	TRAFFIC CONTROL BARRICADES TYPE III WITH/WITHOUT ATTACHED SIGN	6WT/6YT/6DYT	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE/YELLOW/DOUBLE YELLOW)
	TRAFFIC CONTROL SIGNS ON POST/TEMPORARY SUPPORT	18WT	TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH (WHITE)
	TRAFFIC CONTROL DRUMS WITH/WITHOUT TYPE C LIGHT	WT	TEMPORARY MARKING WORD REMOVABLE TAPE
	TRAFFIC CONTROL CONES 42-INCH	AT	TEMPORARY MARKING ARROW REMOVABLE TAPE
	DIRECTION OF TRAFFIC		MARKING REMOVAL
	TEMPORARY CROSSWALK ACCESS	(X)	TEMPORARY MARKING REMOVABLE MASK OUT TAPE (X)-INCH
	TEMPORARY PEDESTRIAN BARRICADE	CR	TEMPORARY PEDESTRIAN CURB RAMP
XX	SAWING ASPHALT/SAWING CONCRETE	WF	TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELD
TAMD	TEMPORARY AUDIBLE MESSAGE DEVICE		

PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	TRAFFIC CONTROL STAGE 2	SHEET 103	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\025102-TC.DWG
LAYOUT NAME - 025118-tc

PLOT DATE : 10/21/2026 10:48 AM PLOT BY : GOMEZ, JACK PLOT NAME : PLOT SCALE : 1 IN:40 FT

2



* SEE TRAFFIC CONTROL DETAIL MINOR SIDE ROADS FOR ADVANCED WARNING. DO NOT CLOSE ADJACENT INTERSECTIONS AT SAME TIME.

LEGEND

	WORK ZONE	4W/4Y	TEMPORARY MARKING LINE PAINT 4-INCH (WHITE/YELLOW)
	5-INCHES ASPHALTIC SURFACE TEMPORARY PLACED IN THIS STAGE	4WT/4YT/4DYT	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE/YELLOW/DOUBLE YELLOW)
	ASPHALTIC SURFACE TEMPORARY PLACED IN PREVIOUS STAGE		
	TRAFFIC CONTROL BARRICADES TYPE III WITH/WITHOUT ATTACHED SIGN	6WT/6YT/6DYT	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE/YELLOW/DOUBLE YELLOW)
	TRAFFIC CONTROL SIGNS ON POST/TEMPORARY SUPPORT	18WT	TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH (WHITE)
	TRAFFIC CONTROL DRUMS WITH/WITHOUT TYPE C LIGHT	WT	TEMPORARY MARKING WORD REMOVABLE TAPE
	TRAFFIC CONTROL CONES 42-INCH	AT	TEMPORARY MARKING ARROW REMOVABLE TAPE
	DIRECTION OF TRAFFIC		MARKING REMOVAL
	TEMPORARY CROSSWALK ACCESS	(X)	TEMPORARY MARKING REMOVABLE MASK OUT TAPE (X)-INCH
	TEMPORARY PEDESTRIAN BARRICADE	CR	TEMPORARY PEDESTRIAN CURB RAMP
XX / XX	SAWING ASPHALT/SAWING CONCRETE	WF	TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELD
TAMD	TEMPORARY AUDIBLE MESSAGE DEVICE		

PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	TRAFFIC CONTROL STAGE 2	SHEET 104	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\025102-TC.DWG
LAYOUT NAME - 025119-tc
PLOT DATE : 10/21/2026 10:48 AM
PLOT BY : GOMEZ, JACK
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

N

13TH STREET

11+00 G

12+00 G

LATHROP AVENUE

4YT

MATCHLINE 113+00

MATCHLINE 119+00

+00 14+00 115+00 116+00 117+00 118+00 119

11' 25' (TYP.) 11'

R6-2R
24"X30"
ONE WAY
TYPE III BARRICADE

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

R6-2R
24"X30"
ONE WAY

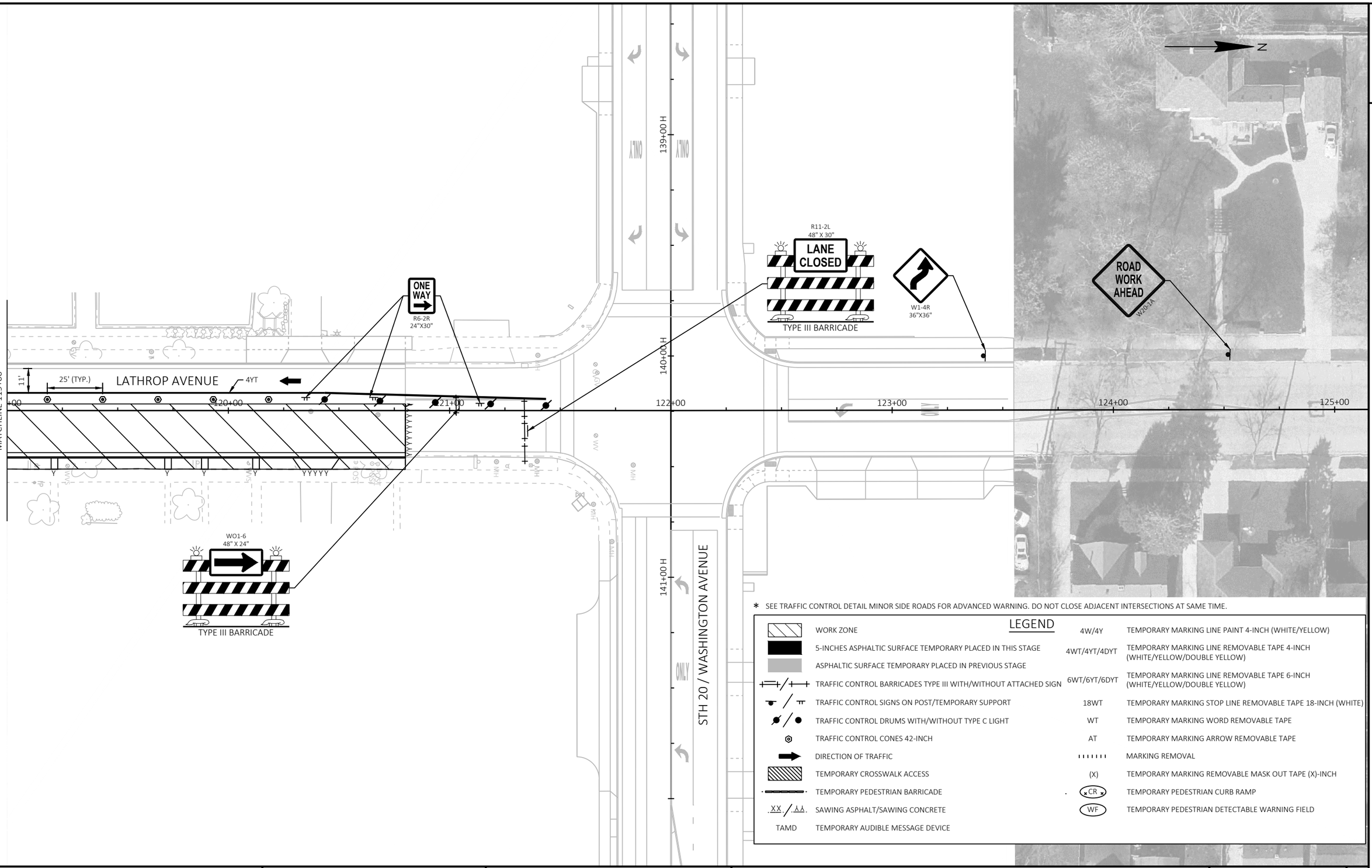
R11-2
48" X 30"
ROAD CLOSED
TYPE III BARRICADE

* SEE TRAFFIC CONTROL DETAIL MINOR SIDE ROADS FOR ADVANCED WARNING. DO NOT CLOSE ADJACENT INTERSECTIONS AT SAME TIME.

LEGEND

	WORK ZONE	4W/4Y	TEMPORARY MARKING LINE PAINT 4-INCH (WHITE/YELLOW)
	5-INCHES ASPHALTIC SURFACE TEMPORARY PLACED IN THIS STAGE	4WT/4YT/4DYT	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE/YELLOW/DOUBLE YELLOW)
	ASPHALTIC SURFACE TEMPORARY PLACED IN PREVIOUS STAGE		
	TRAFFIC CONTROL BARRICADES TYPE III WITH/WITHOUT ATTACHED SIGN	6WT/6YT/6DYT	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE/YELLOW/DOUBLE YELLOW)
	TRAFFIC CONTROL SIGNS ON POST/TEMPORARY SUPPORT	18WT	TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH (WHITE)
	TRAFFIC CONTROL DRUMS WITH/WITHOUT TYPE C LIGHT	WT	TEMPORARY MARKING WORD REMOVABLE TAPE
	TRAFFIC CONTROL CONES 42-INCH	AT	TEMPORARY MARKING ARROW REMOVABLE TAPE
	DIRECTION OF TRAFFIC		MARKING REMOVAL
	TEMPORARY CROSSWALK ACCESS	(X)	TEMPORARY MARKING REMOVABLE MASK OUT TAPE (X)-INCH
	TEMPORARY PEDESTRIAN BARRICADE	CR	TEMPORARY PEDESTRIAN CURB RAMP
XX / AA	SAWING ASPHALT/SAWING CONCRETE	WF	TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELD
TAMD	TEMPORARY AUDIBLE MESSAGE DEVICE		

2



* SEE TRAFFIC CONTROL DETAIL MINOR SIDE ROADS FOR ADVANCED WARNING. DO NOT CLOSE ADJACENT INTERSECTIONS AT SAME TIME.

LEGEND

	WORK ZONE	4W/4Y	TEMPORARY MARKING LINE PAINT 4-INCH (WHITE/YELLOW)
	5-INCHES ASPHALTIC SURFACE TEMPORARY PLACED IN THIS STAGE	4WT/4YT/4DYT	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE/YELLOW/DOUBLE YELLOW)
	ASPHALTIC SURFACE TEMPORARY PLACED IN PREVIOUS STAGE		
	TRAFFIC CONTROL BARRICADES TYPE III WITH/WITHOUT ATTACHED SIGN	6WT/6YT/6DYT	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE/YELLOW/DOUBLE YELLOW)
	TRAFFIC CONTROL SIGNS ON POST/TEMPORARY SUPPORT	18WT	TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH (WHITE)
	TRAFFIC CONTROL DRUMS WITH/WITHOUT TYPE C LIGHT	WT	TEMPORARY MARKING WORD REMOVABLE TAPE
	TRAFFIC CONTROL CONES 42-INCH	AT	TEMPORARY MARKING ARROW REMOVABLE TAPE
	DIRECTION OF TRAFFIC		MARKING REMOVAL
	TEMPORARY CROSSWALK ACCESS	(X)	TEMPORARY MARKING REMOVABLE MASK OUT TAPE (X)-INCH
	TEMPORARY PEDESTRIAN BARRICADE	CR	TEMPORARY PEDESTRIAN CURB RAMP
XX / AA	SAWING ASPHALT/SAWING CONCRETE	WF	TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELD
TAMD	TEMPORARY AUDIBLE MESSAGE DEVICE		

PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	TRAFFIC CONTROL STAGE 2	SHEET 106	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\025102-TC.DWG
LAYOUT NAME - 025121-tc
PLOT DATE : 10/21/2026 10:48 AM
PLOT BY : GOMEZ, JACK
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2



2

* SEE TRAFFIC CONTROL DETAIL MINOR SIDE ROADS FOR ADVANCED WARNING. DO NOT CLOSE ADJACENT INTERSECTIONS AT SAME TIME.

LEGEND

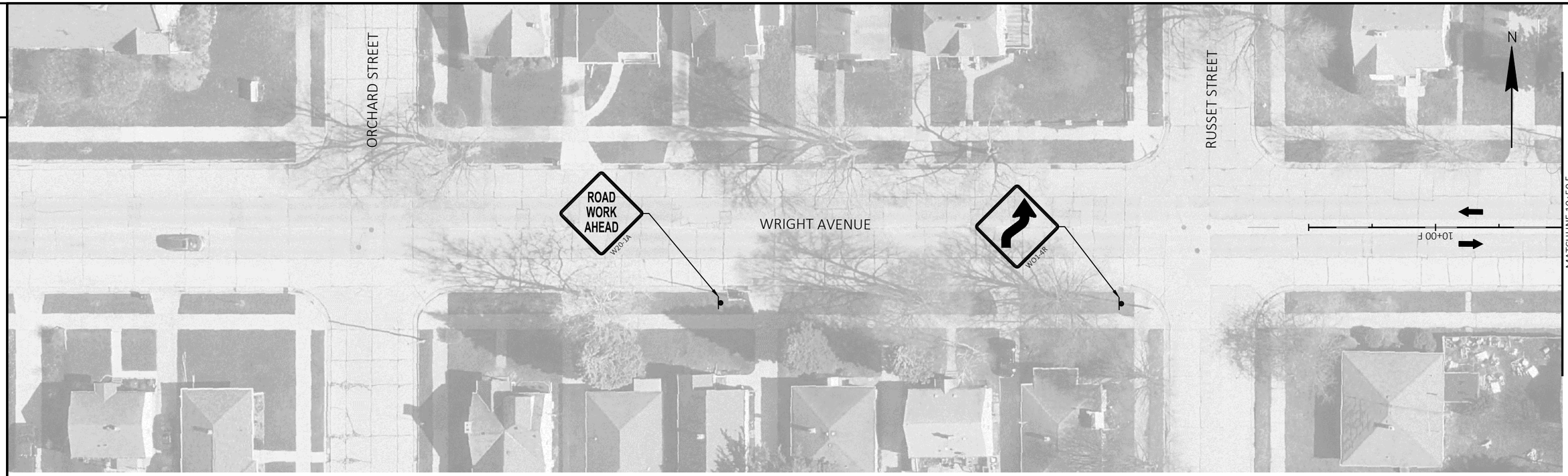
	WORK ZONE	4W/4Y	TEMPORARY MARKING LINE PAINT 4-INCH (WHITE/YELLOW)
	5-INCHES ASPHALTIC SURFACE TEMPORARY PLACED IN THIS STAGE	4WT/4YT/4DYT	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE/YELLOW/DOUBLE YELLOW)
	ASPHALTIC SURFACE TEMPORARY PLACED IN PREVIOUS STAGE		
	TRAFFIC CONTROL BARRICADES TYPE III WITH/WITHOUT ATTACHED SIGN	6WT/6YT/6DYT	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE/YELLOW/DOUBLE YELLOW)
	TRAFFIC CONTROL SIGNS ON POST/TEMPORARY SUPPORT	18WT	TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH (WHITE)
	TRAFFIC CONTROL DRUMS WITH/WITHOUT TYPE C LIGHT	WT	TEMPORARY MARKING WORD REMOVABLE TAPE
	TRAFFIC CONTROL CONES 42-INCH	AT	TEMPORARY MARKING ARROW REMOVABLE TAPE
	DIRECTION OF TRAFFIC		MARKING REMOVAL
	TEMPORARY CROSSWALK ACCESS	(X)	TEMPORARY MARKING REMOVABLE MASK OUT TAPE (X)-INCH
	TEMPORARY PEDESTRIAN BARRICADE	CR	TEMPORARY PEDESTRIAN CURB RAMP
XX / YY	SAWING ASPHALT/SAWING CONCRETE	WF	TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELD
TAMD	TEMPORARY AUDIBLE MESSAGE DEVICE		

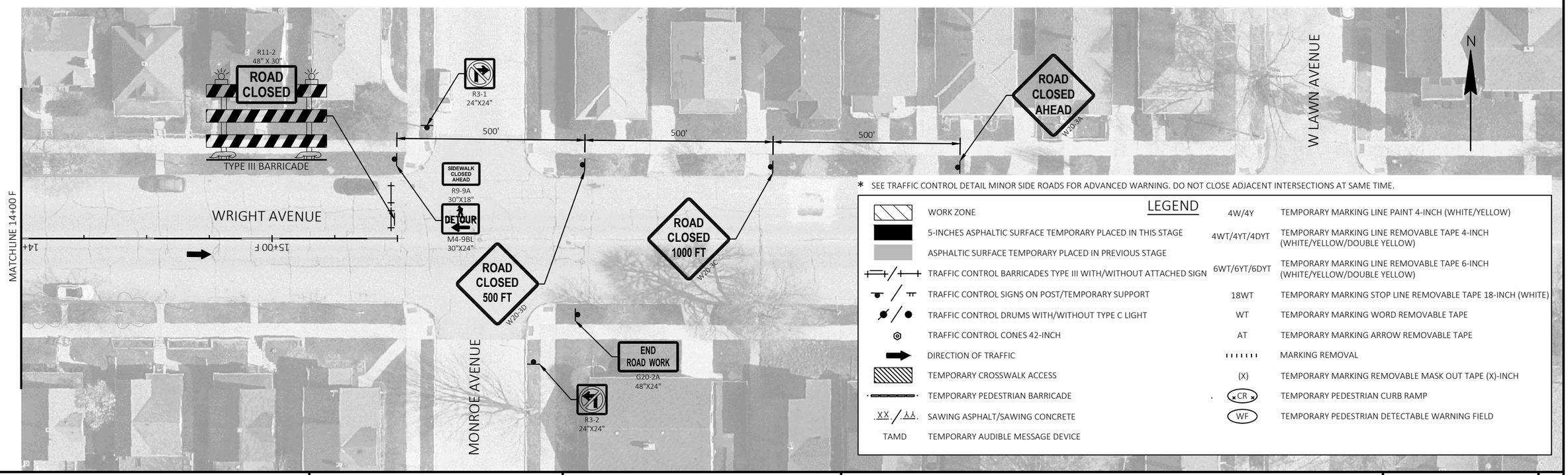


PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	TRAFFIC CONTROL STAGE 2	SHEET 107	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\025102-TC.DWG
LAYOUT NAME - 025122-tc
PLOT DATE : 10/21/2026 10:48 AM
PLOT BY : GOMEZ, JACK
PLOT NAME :
PLOT SCALE : ##########
WISDOT/CADDS SHEET 42

2





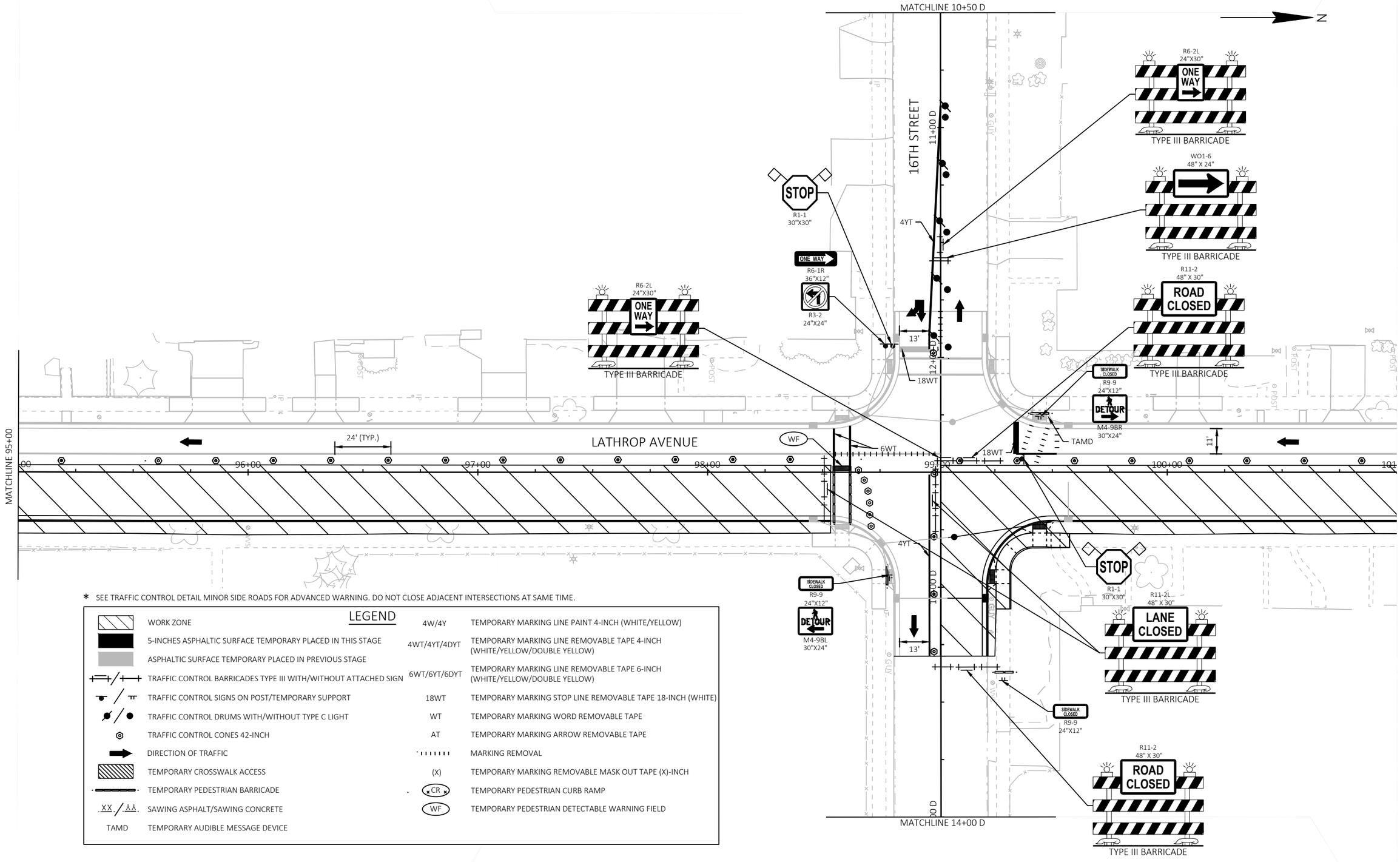
* SEE TRAFFIC CONTROL DETAIL MINOR SIDE ROADS FOR ADVANCED WARNING. DO NOT CLOSE ADJACENT INTERSECTIONS AT SAME TIME.

LEGEND

	WORK ZONE	4W/4Y	TEMPORARY MARKING LINE PAINT 4-INCH (WHITE/YELLOW)
	5-INCHES ASPHALTIC SURFACE TEMPORARY PLACED IN THIS STAGE	4WT/4YT/4DYT	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE/YELLOW/DOUBLE YELLOW)
	ASPHALTIC SURFACE TEMPORARY PLACED IN PREVIOUS STAGE		
	TRAFFIC CONTROL BARRICADES TYPE III WITH/WITHOUT ATTACHED SIGN	6WT/6YT/6DYT	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE/YELLOW/DOUBLE YELLOW)
	TRAFFIC CONTROL SIGNS ON POST/TEMPORARY SUPPORT	18WT	TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH (WHITE)
	TRAFFIC CONTROL DRUMS WITH/WITHOUT TYPE C LIGHT	WT	TEMPORARY MARKING WORD REMOVABLE TAPE
	TRAFFIC CONTROL CONES 42-INCH	AT	TEMPORARY MARKING ARROW REMOVABLE TAPE
	DIRECTION OF TRAFFIC		MARKING REMOVAL
	TEMPORARY CROSSWALK ACCESS	(X)	TEMPORARY MARKING REMOVABLE MASK OUT TAPE (X)-INCH
	TEMPORARY PEDESTRIAN BARRICADE	CR	TEMPORARY PEDESTRIAN CURB RAMP
XX / XX	SAWING ASPHALT/SAWING CONCRETE	WF	TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELD
TAMD	TEMPORARY AUDIBLE MESSAGE DEVICE		

PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	TRAFFIC CONTROL STAGE 2	SHEET 108	E

2



* SEE TRAFFIC CONTROL DETAIL MINOR SIDE ROADS FOR ADVANCED WARNING. DO NOT CLOSE ADJACENT INTERSECTIONS AT SAME TIME.

LEGEND

	WORK ZONE	4W/4Y	TEMPORARY MARKING LINE PAINT 4-INCH (WHITE/YELLOW)
	5-INCHES ASPHALTIC SURFACE TEMPORARY PLACED IN THIS STAGE	4WT/4YT/4DYT	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE/YELLOW/DOUBLE YELLOW)
	ASPHALTIC SURFACE TEMPORARY PLACED IN PREVIOUS STAGE		
	TRAFFIC CONTROL BARRICADES TYPE III WITH/WITHOUT ATTACHED SIGN	6WT/6YT/6DYT	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE/YELLOW/DOUBLE YELLOW)
	TRAFFIC CONTROL SIGNS ON POST/TEMPORARY SUPPORT	18WT	TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH (WHITE)
	TRAFFIC CONTROL DRUMS WITH/WITHOUT TYPE C LIGHT	WT	TEMPORARY MARKING WORD REMOVABLE TAPE
	TRAFFIC CONTROL CONES 42-INCH	AT	TEMPORARY MARKING ARROW REMOVABLE TAPE
	DIRECTION OF TRAFFIC		MARKING REMOVAL
	TEMPORARY CROSSWALK ACCESS	(X)	TEMPORARY MARKING REMOVABLE MASK OUT TAPE (X)-INCH
	TEMPORARY PEDESTRIAN BARRICADE	CR	TEMPORARY PEDESTRIAN CURB RAMP
XX / XX	SAWING ASPHALT/SAWING CONCRETE	WF	TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELD
TAMD	TEMPORARY AUDIBLE MESSAGE DEVICE		

PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	TRAFFIC CONTROL STAGE 2A	SHEET 109	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\025102-TC-S2A.DWG
LAYOUT NAME - 025124-tc
PLOT DATE : 10/21/2026 10:49 AM
PLOT BY : GOMEZ, JACK
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

N

MATCHLINE 10+50 F

WRIGHT AVENUE

11+00 F

12+00 F

13+00 F

00 F

50'

ONE WAY
R6-1R
36"X12"
R3-2
24"X24"

STOP
R1-1
30"X30"

SIDEWALK CLOSED
R9-9
24"X12"

DETOUR
M4-9BL
30"X24"

R6-2L
24"X30"
ONE WAY
TYPE III BARRICADE

TAMD

4YT

6WT

WF

25' (TYP.)

LATHROP AVENUE

11'

MATCHLINE 107+00

+00

108+00

109+00

110+00

111+00

112+00

113

MATCHLINE 113+00

18WT

18'

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

ONE WAY
R6-1R
36"X12"
R3-1
24"X24"

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

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

SIDEWALK CLOSED
R9-9
24"X12"

DETOUR
M4-9BR
30"X24"

STOP
R1-1
30"X30"

ONE WAY
R6-1L
36"X12"
R3-1
24"X24"

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

SIDEWALK CLOSED
R9-9
24"X12"

R6-2L
24"X30"
ONE WAY
TYPE III BARRICADE

MATCHLINE 14+00 F

* SEE TRAFFIC CONTROL DETAIL MINOR SIDE ROADS FOR ADVANCED WARNING. DO NOT CLOSE ADJACENT INTERSECTIONS AT SAME TIME.

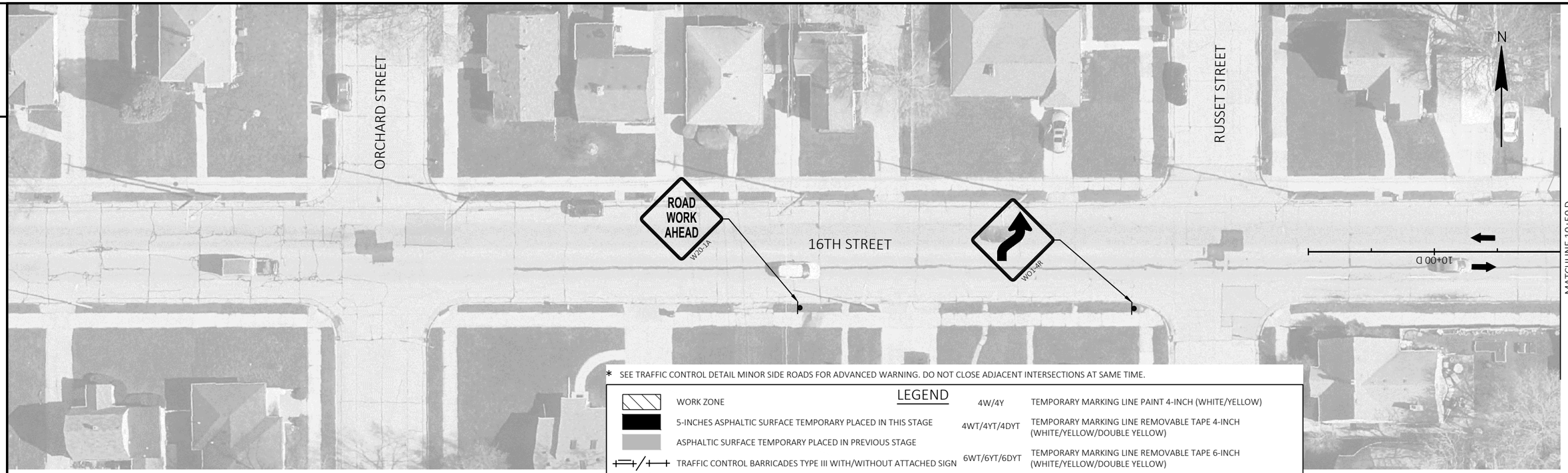
LEGEND

	WORK ZONE	4W/4Y	TEMPORARY MARKING LINE PAINT 4-INCH (WHITE/YELLOW)
	5-INCHES ASPHALTIC SURFACE TEMPORARY PLACED IN THIS STAGE	4WT/4YT/4DYT	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE/YELLOW/DOUBLE YELLOW)
	ASPHALTIC SURFACE TEMPORARY PLACED IN PREVIOUS STAGE		
	TRAFFIC CONTROL BARRICADES TYPE III WITH/WITHOUT ATTACHED SIGN	6WT/6YT/6DYT	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE/YELLOW/DOUBLE YELLOW)
	TRAFFIC CONTROL SIGNS ON POST/TEMPORARY SUPPORT	18WT	TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH (WHITE)
	TRAFFIC CONTROL DRUMS WITH/WITHOUT TYPE C LIGHT	WT	TEMPORARY MARKING WORD REMOVABLE TAPE
	TRAFFIC CONTROL CONES 42-INCH	AT	TEMPORARY MARKING ARROW REMOVABLE TAPE
	DIRECTION OF TRAFFIC		MARKING REMOVAL
	TEMPORARY CROSSWALK ACCESS	(X)	TEMPORARY MARKING REMOVABLE MASK OUT TAPE (X)-INCH
	TEMPORARY PEDESTRIAN BARRICADE	CR	TEMPORARY PEDESTRIAN CURB RAMP
XX / XX	SAWING ASPHALT/SAWING CONCRETE	WF	TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELD
TAMD	TEMPORARY AUDIBLE MESSAGE DEVICE		

PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	TRAFFIC CONTROL STAGE 2A	SHEET 110	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\025102-TC-S2A.DWG
LAYOUT NAME - 025125-tc
PLOT DATE : 10/21/2026 10:49 AM
PLOT BY : GOMEZ, JACK
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

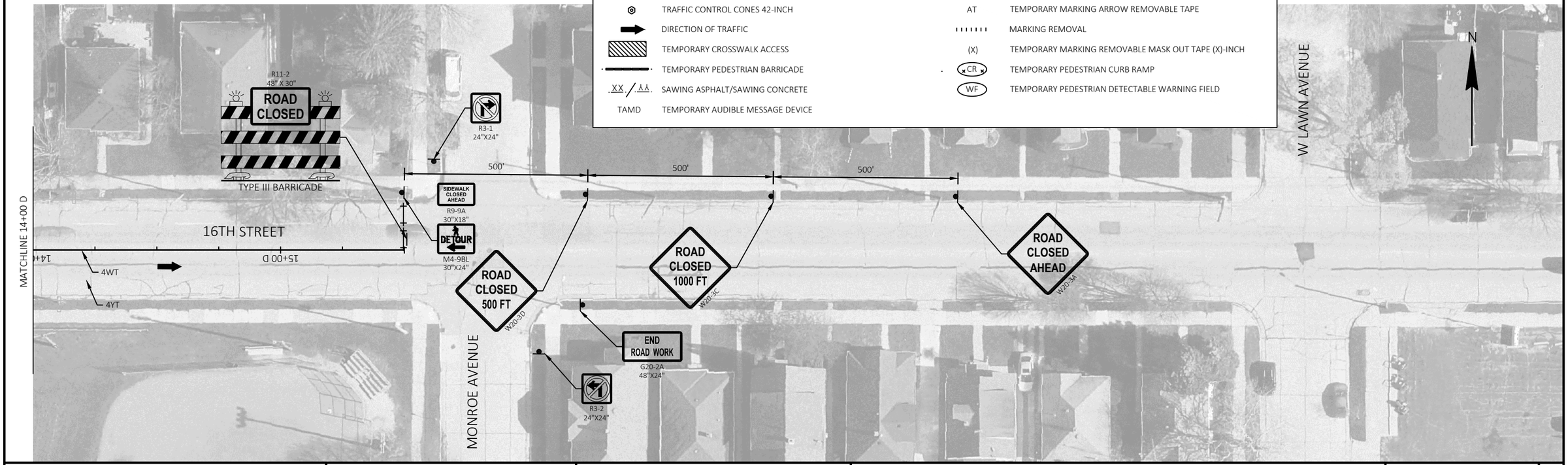


2

* SEE TRAFFIC CONTROL DETAIL MINOR SIDE ROADS FOR ADVANCED WARNING. DO NOT CLOSE ADJACENT INTERSECTIONS AT SAME TIME.

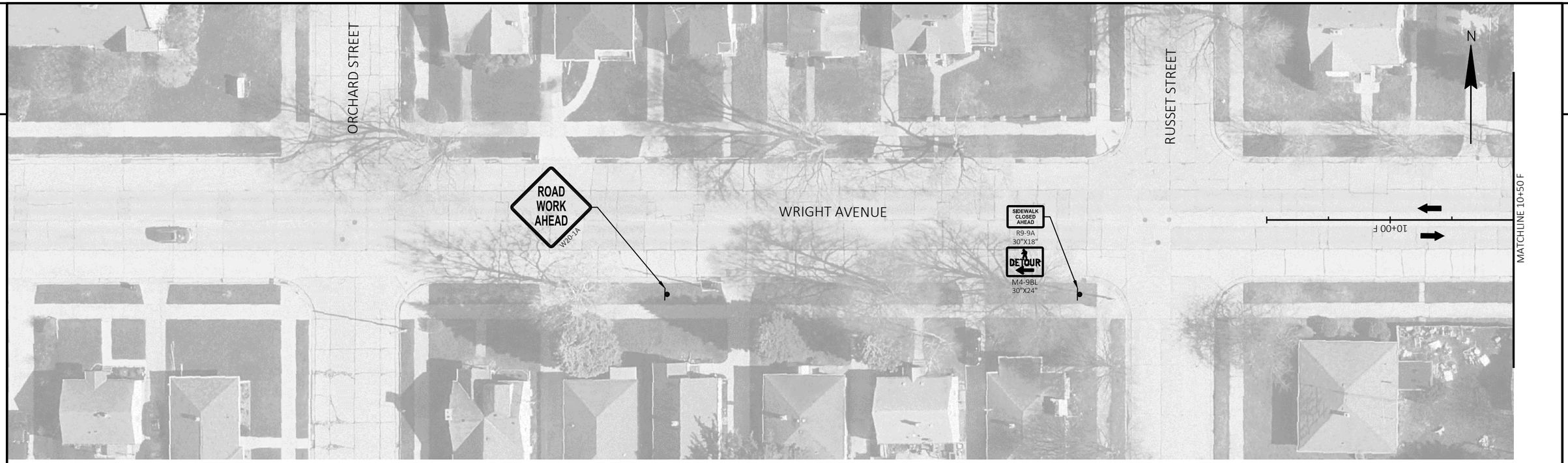
LEGEND

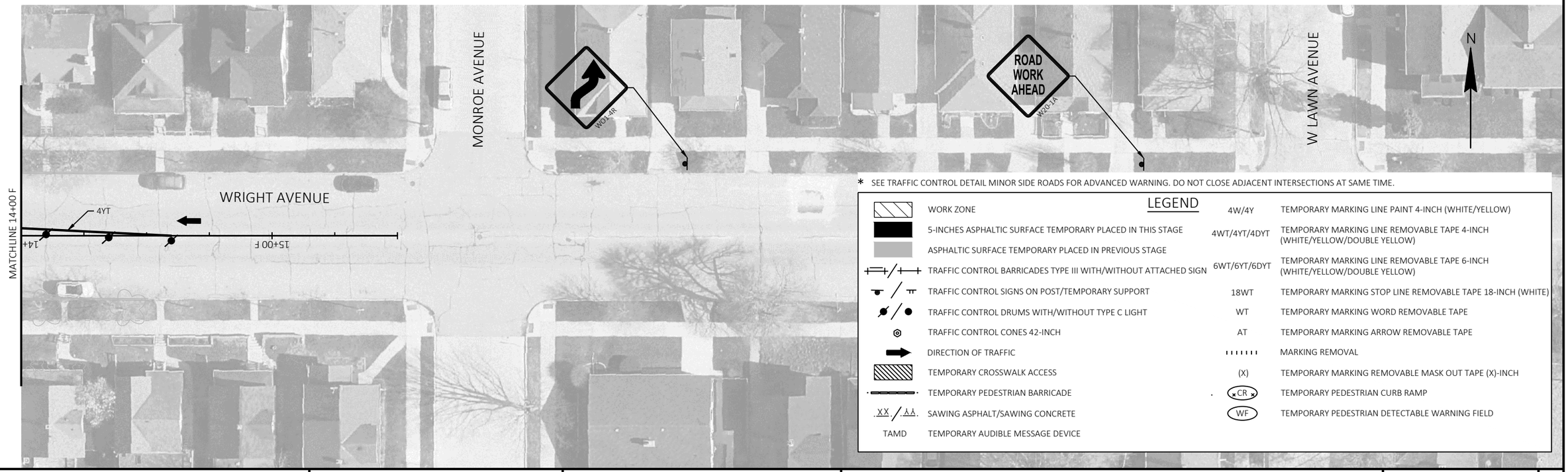
	WORK ZONE	4W/4Y	TEMPORARY MARKING LINE PAINT 4-INCH (WHITE/YELLOW)
	5-INCHES ASPHALTIC SURFACE TEMPORARY PLACED IN THIS STAGE	4WT/4YT/4DYT	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE/YELLOW/DOUBLE YELLOW)
	ASPHALTIC SURFACE TEMPORARY PLACED IN PREVIOUS STAGE		
	TRAFFIC CONTROL BARRICADES TYPE III WITH/WITHOUT ATTACHED SIGN	6WT/6YT/6DYT	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE/YELLOW/DOUBLE YELLOW)
	TRAFFIC CONTROL SIGNS ON POST/TEMPORARY SUPPORT	18WT	TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH (WHITE)
	TRAFFIC CONTROL DRUMS WITH/WITHOUT TYPE C LIGHT	WT	TEMPORARY MARKING WORD REMOVABLE TAPE
	TRAFFIC CONTROL CONES 42-INCH	AT	TEMPORARY MARKING ARROW REMOVABLE TAPE
	DIRECTION OF TRAFFIC		MARKING REMOVAL
	TEMPORARY CROSSWALK ACCESS	(X)	TEMPORARY MARKING REMOVABLE MASK OUT TAPE (X)-INCH
	TEMPORARY PEDESTRIAN BARRICADE	CR	TEMPORARY PEDESTRIAN CURB RAMP
XX / YY	SAWING ASPHALT/SAWING CONCRETE	WF	TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELD
TAMD	TEMPORARY AUDIBLE MESSAGE DEVICE		



PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	TRAFFIC CONTROL STAGE 2A	SHEET 111	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\025102-TC-S2A.DWG
LAYOUT NAME - 025126-tc
PLOT DATE : 10/21/2026 10:49 AM PLOT BY : GOMEZ, JACK PLOT NAME : PLOT SCALE : ##########
WISDOT/CADDS SHEET 42





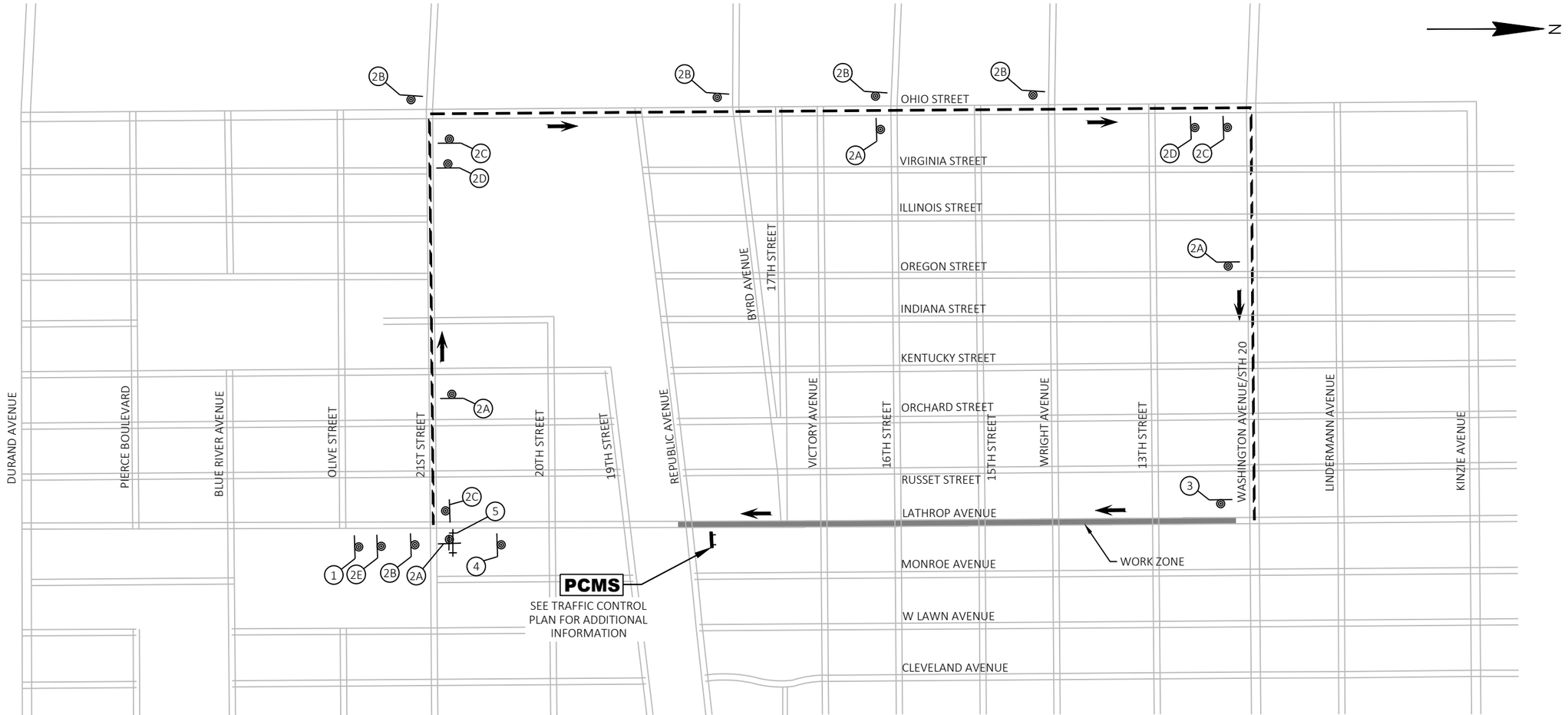
* SEE TRAFFIC CONTROL DETAIL MINOR SIDE ROADS FOR ADVANCED WARNING. DO NOT CLOSE ADJACENT INTERSECTIONS AT SAME TIME.

LEGEND

	WORK ZONE	4W/4Y	TEMPORARY MARKING LINE PAINT 4-INCH (WHITE/YELLOW)
	5-INCHES ASPHALTIC SURFACE TEMPORARY PLACED IN THIS STAGE	4WT/4YT/4DYT	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE/YELLOW/DOUBLE YELLOW)
	ASPHALTIC SURFACE TEMPORARY PLACED IN PREVIOUS STAGE		
	TRAFFIC CONTROL BARRICADES TYPE III WITH/WITHOUT ATTACHED SIGN	6WT/6YT/6DYT	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE/YELLOW/DOUBLE YELLOW)
	TRAFFIC CONTROL SIGNS ON POST/TEMPORARY SUPPORT	18WT	TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH (WHITE)
	TRAFFIC CONTROL DRUMS WITH/WITHOUT TYPE C LIGHT	WT	TEMPORARY MARKING WORD REMOVABLE TAPE
	TRAFFIC CONTROL CONES 42-INCH	AT	TEMPORARY MARKING ARROW REMOVABLE TAPE
	DIRECTION OF TRAFFIC		MARKING REMOVAL
	TEMPORARY CROSSWALK ACCESS	(X)	TEMPORARY MARKING REMOVABLE MASK OUT TAPE (X)-INCH
	TEMPORARY PEDESTRIAN BARRICADE	CR	TEMPORARY PEDESTRIAN CURB RAMP
XX / XX	SAWING ASPHALT/SAWING CONCRETE	WF	TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELD
TAMD	TEMPORARY AUDIBLE MESSAGE DEVICE		

PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	TRAFFIC CONTROL STAGE 2A	SHEET 112	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\025102-TC-S2A.DWG
LAYOUT NAME - 025127-tc
PLOT DATE : 10/21/2026 10:49 AM PLOT BY : GOMEZ, JACK PLOT NAME : PLOT SCALE : ##########
WISDOT/CADDS SHEET 42



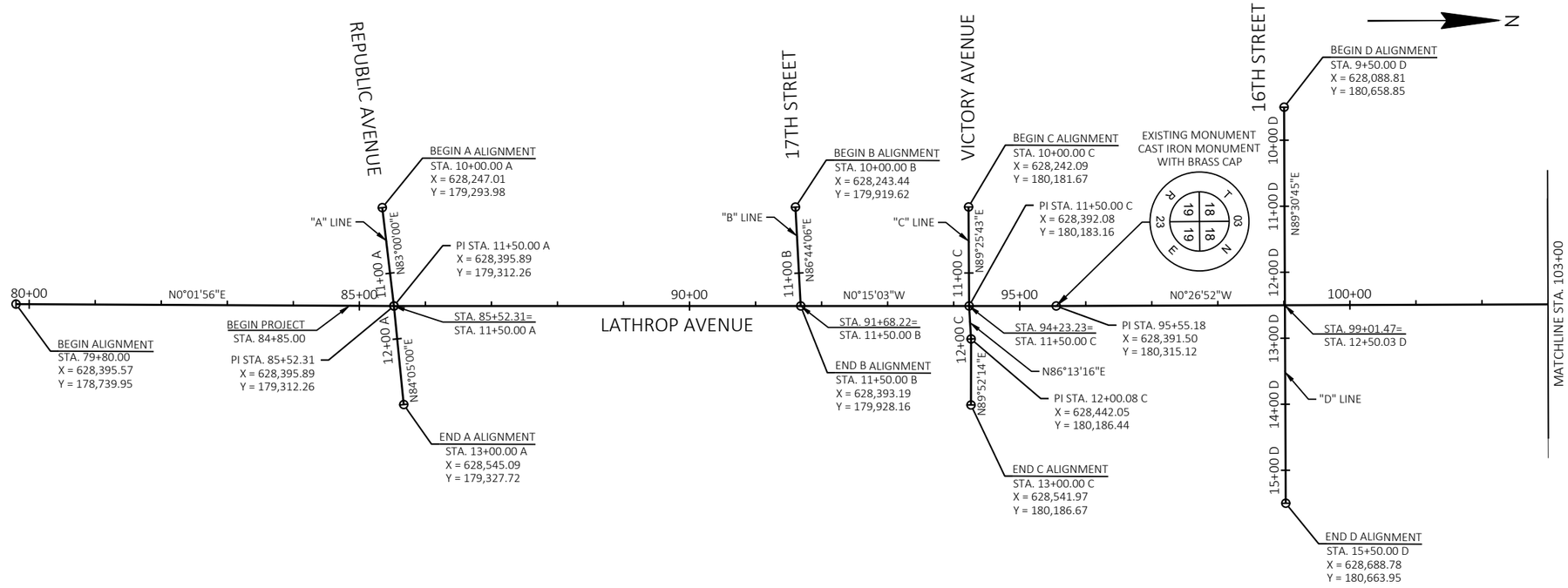
1. DETOUR AHEAD (W20-2A)
2. DETOUR (M4-8, 24"X12") / NORTH (M3-1, 24"X12") / LATHROP AVE (M1-94, VARIESX15")
3. END DETOUR (M4-8A, 24"X18") / NORTH (M3-1, 24"X12") / LATHROP AVE (M1-94, VARIESX15")
4. ROAD CLOSED AHEAD (W20-3A)
5. ROAD CLOSED TO THRU TRAFFIC 1/4 MILES AHEAD (R11-3, 60"X30")

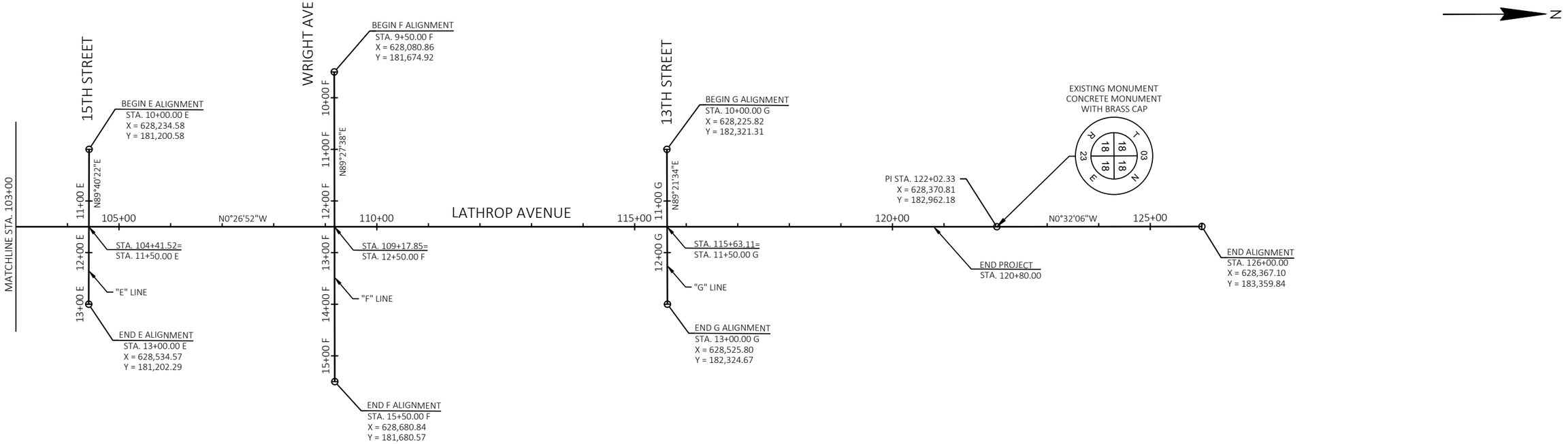
A. M6-1, 21"X21"
B. M6-1, 21"X21"
C. M6-1, 21"X21"
D. M5-1R, 21"X21"
E. M5-1L, 21"X21"

NOTE:

LATHROP AVENUE SOUTHBOUND TRAFFIC SHALL BE MAINTAINED ON LATHROP AVENUE AT ALL TIMES. LATHROP AVENUE NORTHBOUND TRAFFIC SHALL BE DETOURED AS SHOWN.

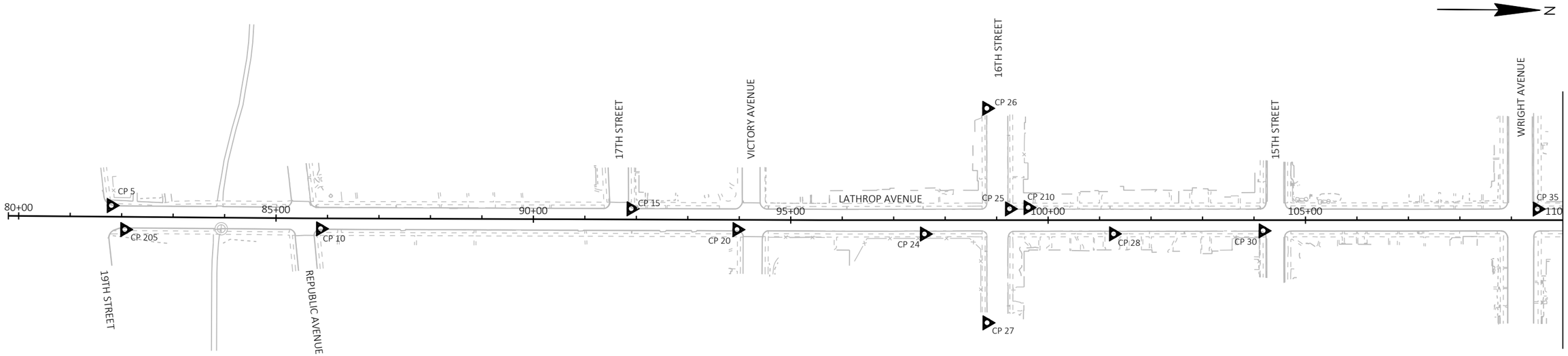
PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	DETOUR	SHEET 113 E



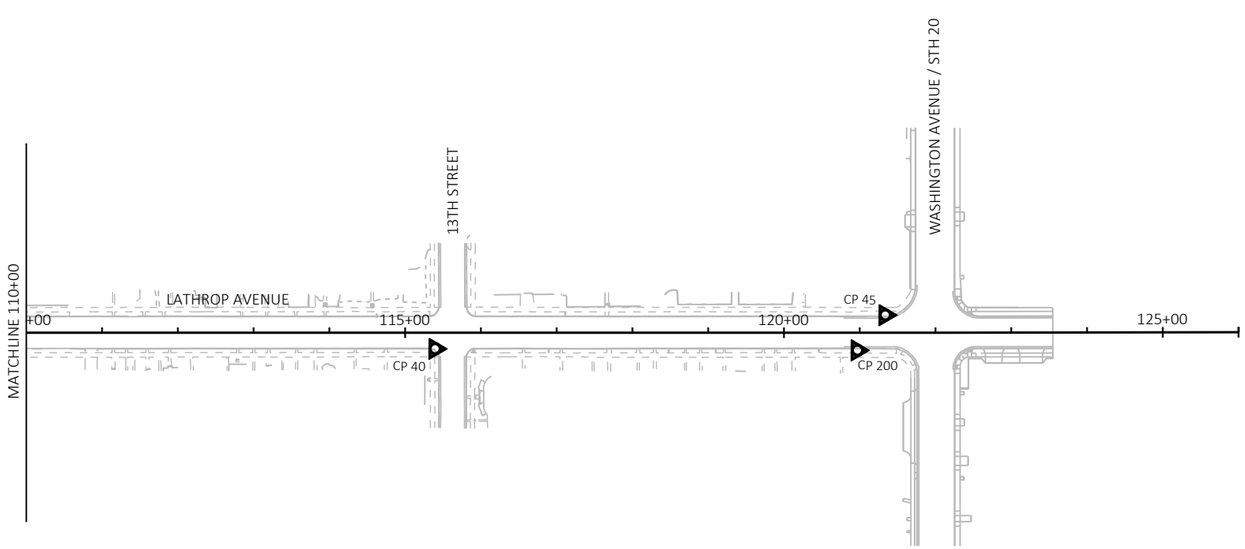


PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	ALIGNMENT DETAIL	SHEET 114	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\027201-AD.DWG
LAYOUT NAME - 027201-ad
PLOT DATE : 7/28/2026 10:58 AM PLOT BY : WRIGHT, BRANDON PLOT NAME : PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 42



CONTROL POINT DATA TABLE					
CP NO.	STATION	OFFSET	DESCRIPTION	Y	X
5	81+79.76	21.85' LT	MAG NAIL	178,939.71	628,373.83
205	82+06.26	24.54' RT	FENO LATH	178,966.20	628,420.23
10	85+86.52	20.13' RT	MAG NAIL	179,346.55	628,415.87
15	91+89.86	20.80' LT	MAG NAIL	179,949.71	628,372.30
20	93+95.56	18.91' RT	MAG NAIL	180,155.58	628,411.11
24	97+59.68	26.89' RT	CHISELED X ON SIDEWALK	180,519.83	628,416.79
26	98+80.74	217.15' LT	CHISELED X ON CURB	180,638.97	628,171.81
27	98+81.25	199.47' RT	CHISELED X ON CURB	180,642.74	628,588.37
25	99+24.87	21.90' LT	MAG NAIL	180,684.63	628,366.71
210	99+61.04	24.48' LT	FENO LATH	180,720.77	628,363.85
28	101+27.04	26.66' RT	CHISELED X ON SIDEWALK	180,887.17	628,413.69
30	104+17.62	20.73' RT	MAG NAIL	181,177.70	628,405.49
35	109+50.31	21.52' LT	MAG NAIL	181,710.04	628,359.08
40	115+39.64	21.27' RT	MAG NAIL	182,299.68	628,397.26
200	120+96.84	23.19' RT	FENO LATH	182,856.89	628,394.83
45	121+33.68	23.21' LT	CHISELED X ON SIDEWALK	182,893.36	628,348.14



PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	SURVEY CONTROL	SHEET 115	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\027301-CP.DWG
LAYOUT NAME - 027301-cp
PLOT DATE : 7/28/2026 11:00 AM
PLOT BY : WRIGHT, BRANDON
PLOT NAME :
PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 44

Estimate Of Quantities

2703-07-72

Line	Item	Item Description	Unit	Total	Qty
0002	201.0120	Clearing	ID	66.000	66.000
0004	201.0220	Grubbing	ID	66.000	66.000
0006	204.0100	Removing Concrete Pavement	SY	20,830.000	20,830.000
0008	204.0155	Removing Concrete Sidewalk	SY	3,045.000	3,045.000
0010	204.0195	Removing Concrete Bases	EACH	18.000	18.000
0012	204.0220	Removing Inlets	EACH	22.000	22.000
0014	204.0245	Removing Storm Sewer (size) 01. 12-Inch	LF	651.000	651.000
0016	205.0100	Excavation Common	CY	15,735.000	15,735.000
0018	213.0100	Finishing Roadway (project) 01. 2703-07-72	EACH	1.000	1.000
0020	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	17,402.000	17,402.000
0022	415.0080	Concrete Pavement 8-Inch	SY	15,930.000	15,930.000
0024	415.0210	Concrete Pavement Gaps	EACH	9.000	9.000
0026	415.4100	Concrete Pavement Joint Filling	SY	17,470.000	17,470.000
0028	416.0610	Drilled Tie Bars	EACH	1,547.000	1,547.000
0030	416.0620	Drilled Dowel Bars	EACH	430.000	430.000
0032	465.0120	Asphaltic Surface Driveways and Field Entrances	TON	19.000	19.000
0034	465.0125	Asphaltic Surface Temporary	TON	10.000	10.000
0036	520.8000	Concrete Collars for Pipe	EACH	18.000	18.000
0038	601.0409	Concrete Curb & Gutter 30-Inch Type A	LF	7,614.000	7,614.000
0040	601.0600	Concrete Curb Pedestrian	LF	135.000	135.000
0042	602.0410	Concrete Sidewalk 5-Inch	SF	16,710.000	16,710.000
0044	602.0505	Curb Ramp Detectable Warning Field Yellow	SF	646.000	646.000
0046	602.0810	Concrete Driveway 6-Inch	SY	1,019.000	1,019.000
0048	602.0820	Concrete Driveway 8-Inch	SY	290.000	290.000
0050	608.0412	Storm Sewer Pipe Reinforced Concrete Class IV 12-Inch	LF	1,019.000	1,019.000
0052	608.0415	Storm Sewer Pipe Reinforced Concrete Class IV 15-Inch	LF	205.000	205.000
0054	611.0420	Reconstructing Manholes	EACH	8.000	8.000
0056	611.0624	Inlet Covers Type H	EACH	25.000	25.000
0058	611.0639	Inlet Covers Type H-S	EACH	10.000	10.000
0060	611.3004	Inlets 4-FT Diameter	EACH	24.000	24.000
0062	611.3230	Inlets 2x3-FT	EACH	10.000	10.000
0064	611.3253	Inlets 2.5x3-FT	EACH	1.000	1.000
0066	611.8110	Adjusting Manhole Covers	EACH	10.000	10.000
0068	619.1000	Mobilization	EACH	1.000	1.000
0070	623.0200	Dust Control Surface Treatment	SY	22,700.000	22,700.000
0072	624.0100	Water	MGAL	200.000	200.000
0074	625.0100	Topsoil	SY	3,950.000	3,950.000
0076	628.1905	Mobilizations Erosion Control	EACH	6.000	6.000
0078	628.1910	Mobilizations Emergency Erosion Control	EACH	5.000	5.000
0080	628.2006	Erosion Mat Urban Class I Type A	SY	300.000	300.000
0082	628.7005	Inlet Protection Type A	EACH	49.000	49.000
0084	628.7010	Inlet Protection Type B	EACH	17.000	17.000
0086	628.7015	Inlet Protection Type C	EACH	67.000	67.000
0088	628.7020	Inlet Protection Type D	EACH	3.000	3.000
0090	628.7560	Tracking Pads	EACH	4.000	4.000
0092	629.0210	Fertilizer Type B	CWT	5.000	5.000
0094	630.0130	Seeding Mixture No. 30	LB	6.000	6.000
0096	630.0200	Seeding Temporary	LB	8.000	8.000
0098	630.0500	Seed Water	MGAL	6.000	6.000

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Line	Item	Item Description	Unit	Total	Qty
0100	631.0300	Sod Water	MGAL	75.000	75.000
0102	631.1000	Sod Lawn	SY	3,660.000	3,660.000
0104	634.0816	Posts Tubular Steel 2x2-Inch x 16-FT	EACH	34.000	34.000
0106	637.2210	Signs Type II Reflective H	SF	263.980	263.980
0108	637.2215	Signs Type II Reflective H Folding	SF	29.840	29.840
0110	638.2102	Moving Signs Type II	EACH	3.000	3.000
0112	638.2602	Removing Signs Type II	EACH	29.000	29.000
0114	638.3000	Removing Small Sign Supports	EACH	16.000	16.000
0116	642.5001	Field Office Type B	EACH	1.000	1.000
0118	643.0300	Traffic Control Drums	DAY	34,806.000	34,806.000
0120	643.0420	Traffic Control Barricades Type III	DAY	16,000.000	16,000.000
0122	643.0705	Traffic Control Warning Lights Type A	DAY	32,800.000	32,800.000
0124	643.0715	Traffic Control Warning Lights Type C	DAY	4,850.000	4,850.000
0126	643.0810	Traffic Control Connected Arrow Boards	DAY	86.000	86.000
0128	643.0900	Traffic Control Signs	DAY	71,956.000	71,956.000
0130	643.1000	Traffic Control Signs Fixed Message	SF	35.000	35.000
0132	643.1050	Traffic Control Signs PCMS	DAY	21.000	21.000
0134	643.1070	Traffic Control Cones 42-Inch	DAY	37,500.000	37,500.000
0136	643.1222	Traffic Control Connected Work Zone End Location Marker	DAY	86.000	86.000
0138	643.3105	Temporary Marking Line Paint 4-Inch	LF	3,554.000	3,554.000
0140	643.3150	Temporary Marking Line Removable Tape 4-Inch	LF	5,257.000	5,257.000
0142	643.3180	Temporary Marking Line Removable Tape 6-Inch	LF	342.000	342.000
0144	643.3550	Temporary Marking Arrow Removable Tape	EACH	2.000	2.000
0146	643.3650	Temporary Marking Word Removable Tape	EACH	1.000	1.000
0148	643.3850	Temporary Marking Stop Line Removable Tape 18-Inch	LF	142.000	142.000
0150	643.3960	Temporary Marking Removable Mask Out Tape 6-Inch	LF	214.000	214.000
0152	643.3990	Temporary Marking Removable Mask Out Tape 12-Inch	LF	90.000	90.000
0154	643.5000	Traffic Control	EACH	1.000	1.000
0156	644.1440	Temporary Pedestrian Surface Matting	SF	225.000	225.000
0158	644.1601	Temporary Pedestrian Curb Ramp	DAY	366.000	366.000
0160	644.1605	Temporary Pedestrian Detectable Warning Field	SF	264.000	264.000
0162	644.1810	Temporary Pedestrian Barricade	LF	1,780.000	1,780.000
0164	644.1900.S	Temporary Audible Message Devices	DAY	6,520.000	6,520.000
0166	646.1020	Marking Line Epoxy 4-Inch	LF	18,722.000	18,722.000
0168	646.3020	Marking Line Epoxy 8-Inch	LF	535.000	535.000
0170	646.5020	Marking Arrow Epoxy	EACH	40.000	40.000
0172	646.5120	Marking Word Epoxy	EACH	1.000	1.000
0174	646.5220	Marking Symbol Epoxy	EACH	34.000	34.000
0176	646.6120	Marking Stop Line Epoxy 18-Inch	LF	347.000	347.000
0178	646.7120	Marking Diagonal Epoxy 12-Inch	LF	172.000	172.000
0180	646.7420	Marking Crosswalk Epoxy Transverse Line 6-Inch	LF	2,102.000	2,102.000
0182	646.7520	Marking Crosswalk Epoxy Block Style 24-Inch	LF	133.000	133.000
0184	646.9000	Marking Removal Line 4-Inch	LF	908.000	908.000
0186	646.9200	Marking Removal Line Wide	LF	83.000	83.000
0188	646.9300	Marking Removal Special Marking	EACH	1.000	1.000
0190	650.4000	Construction Staking Storm Sewer	EACH	35.000	35.000
0192	650.4500	Construction Staking Subgrade	LF	3,595.000	3,595.000
0194	650.7000	Construction Staking Concrete Pavement	LF	3,595.000	3,595.000
0196	650.8501	Construction Staking Electrical Installations (project) 01. 2703-07-72	EACH	1.000	1.000

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Line	Item	Item Description	Unit	Total	Qty
0198	650.9000	Construction Staking Curb Ramps	EACH	54.000	54.000
0200	650.9500	Construction Staking Sidewalk (project) 01. 2703-07-72	EACH	1.000	1.000
0202	650.9911	Construction Staking Supplemental Control (project) 01. 2703-07-72	EACH	1.000	1.000
0204	650.9920	Construction Staking Slope Stakes	LF	3,595.000	3,595.000
0206	652.0225	Conduit Rigid Nonmetallic Schedule 40 2-Inch	LF	26.000	26.000
0208	652.0235	Conduit Rigid Nonmetallic Schedule 40 3-Inch	LF	983.000	983.000
0210	652.0700.S	Install Conduit into Existing Item	EACH	2.000	2.000
0212	653.0140	Pull Boxes Steel 24x42-Inch	EACH	14.000	14.000
0214	653.0905	Removing Pull Boxes	EACH	11.000	11.000
0216	654.0101	Concrete Bases Type 1	EACH	4.000	4.000
0218	654.0110	Concrete Bases Type 10	EACH	4.000	4.000
0220	654.0217	Concrete Control Cabinet Bases Type 9 Special	EACH	1.000	1.000
0222	655.0230	Cable Traffic Signal 5-14 AWG	LF	720.000	720.000
0224	655.0260	Cable Traffic Signal 12-14 AWG	LF	1,168.000	1,168.000
0226	655.0320	Cable Type UF 2-10 AWG Grounded	LF	334.000	334.000
0228	655.0515	Electrical Wire Traffic Signals 10 AWG	LF	1,083.000	1,083.000
0230	655.0610	Electrical Wire Lighting 12 AWG	LF	351.000	351.000
0232	656.0201	Electrical Service Meter Breaker Pedestal (location) 01. Lathrop Avenue & 16th Street	EACH	1.000	1.000
0234	657.0100	Pedestal Bases	EACH	4.000	4.000
0236	657.0345	Poles Type 9	EACH	1.000	1.000
0238	657.0350	Poles Type 10	EACH	3.000	3.000
0240	657.0420	Traffic Signal Standards Aluminum 13-FT	EACH	4.000	4.000
0242	657.0525	Monotube Arms 25-FT	EACH	2.000	2.000
0244	657.0530	Monotube Arms 30-FT	EACH	2.000	2.000
0246	657.0806	Luminaire Arms Steel 6-FT	EACH	3.000	3.000
0248	658.0173	Traffic Signal Face 3S 12-Inch	EACH	20.000	20.000
0250	658.0416	Pedestrian Signal Face 16-Inch	EACH	8.000	8.000
0252	658.0500	Pedestrian Push Buttons	EACH	8.000	8.000
0254	658.5070	Signal Mounting Hardware (location) 01. Lathrop Avenue & 16th Street	EACH	1.000	1.000
0256	659.1125	Luminaires Utility LED C	EACH	3.000	3.000
0258	659.5000.S	Lamp, Ballast, LED, Switch Disposal by Contractor	EACH	42.000	42.000
0260	670.0101	Field System Integrator	EACH	1.000	1.000
0262	670.0201	ITS Documentation	EACH	1.000	1.000
0264	674.0300	Remove Cable	LF	2,689.000	2,689.000
0266	674.0400	Reinstall Cable	LF	2,681.000	2,681.000
0268	678.0200	Fiber Optic Splice Enclosure	EACH	1.000	1.000
0270	678.0300	Fiber Optic Splice	EACH	6.000	6.000
0272	678.0400	Fiber Optic Termination	EACH	4.000	4.000
0274	678.0501	Communication System Testing	EACH	1.000	1.000
0276	690.0150	Sawing Asphalt	LF	136.000	136.000
0278	690.0250	Sawing Concrete	LF	7,066.000	7,066.000
0280	715.0720	Incentive Compressive Strength Concrete Pavement	DOL	4,779.000	4,779.000
0282	740.0440	Incentive IRI Ride	DOL	4,767.000	4,767.000
0284	ASP.1T0A	On-the-Job Training Apprentice at $5.00/HR	HRS	1,100.000	1,100.000
0286	ASP.1T0G	On-the-Job Training Graduate at $5.00/HR	HRS	3,600.000	3,600.000
0288	SPV.0060	Special 01. Sealing Manhole Openings	EACH	9.000	9.000
0290	SPV.0060	Special 02. Storm Sewer Tap	EACH	11.000	11.000
0292	SPV.0060	Special 03. Adjust Sanitary Sewer Manhole Covers	EACH	23.000	23.000
0294	SPV.0060	Special 04. Section Corner Monuments	EACH	2.000	2.000

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Line	Item	Item Description	Unit	Total	Qty
0296	SPV.0060	Special 05. Traffic Signal Controller and Cabinet Lathrop Avenue and 16th Street	EACH	1.000	1.000
0298	SPV.0060	Special 06. Remove and Salvage Traffic Signal Equipment Lathrop Avenue and 16th Stree	EACH	1.000	1.000
0300	SPV.0060	Special 07. Remove and Salvage Traffic Signal Equipment Lathrop Avenue and Wright Ave	EACH	1.000	1.000
0302	SPV.0060	Special 08. Ethernet Switches	EACH	1.000	1.000
0304	SPV.0060	Special 09. Fiber Optic Termination Panel	EACH	1.000	1.000
0306	SPV.0060	Special 10. Utility Line Opening (ULO)	EACH	6.000	6.000
0308	SPV.0060	Special 11. Traffic Signal Detection System Lathrop Avenue and 16th Street	EACH	1.000	1.000
0310	SPV.0075	Special 01. Street Sweeping	HRS	50.000	50.000

CLEARING AND GRUBBING ITEMS

CATEGORY	STATION	LOCATION	201.0120 CLEARING ID	201.0220 GRUBBING ID
0010	91+45	RT	18	18
	102+42	RT	48	48
		TOTALS	66	66

REMOVING CONCRETE PAVEMENT

		204.0100	
		STAGE 1	STAGE 2
CATEGORY	STATION - STATION	SY	SY
0010	84+85 - 93+00	2,150	2,050
	93+00 - 102+50	2,450	2,790
	102+50 - 112+50	2,850	3,020
	112+50 - 120+80	2,230	2,010
	CONCRETE DRIVEWAYS	740	540
	SUB-TOTALS	10,420	10,410
	TOTAL	20,830	

REMOVING CONCRETE SIDEWALK

		204.0155	
		STAGE 1	STAGE 2
CATEGORY	STATION - STATION	SY	SY
0010	84+85 - 93+00	260	470
	93+00 - 102+50	590	200
	102+50 - 112+50	510	590
	112+50 - 120+80	330	95
	SUB-TOTALS	1,690	1,355
	TOTAL	3,045	

EARTHWORK SUMMARY

CATEGORY	STAGE	STATION FROM	STATION TO	LOCATION	205.0100 EXCAVATION COMMON (1) CUT (2) CY	205.0100 EXCAVATION COMMON (1) EBS (3)*** EXCAVATION CY	SALVAGED/ UNUSABLE PAVEMENT MATERIAL (4) CY	AVAILABLE MATERIAL (5) CY	EXPANDED EBS BACKFILL (11) FACTOR 1.10 CY	(16) 305.0120* BASE AGGREDATE DENSE 1 1/4-INCH FACTOR** 1.85 TON	UNEXPANDED FILL CY	EXPANDED FILL (13) FACTOR 1.25 CY	MASS ORDINATE ± (14) CY
0010	1	84+85	120+80	STAGE 1	5,031	1,586	2,662	2,369	1,745	3,228	2	2	2,367
	1			SIDEROADS	590	295	443	148	325	601	--	--	148
	2	84+85	120+80	STAGE 2	5,304	2,143	2,718	2,586	2,357	4,360	--	--	2,586
	2			SIDEROADS	524	262	393	131	288	533	--	--	131
				SUB-TOTALS	11,449	4,286	6,215	5,233	4,715	8,722	2	2	5,231
				TOTALS		15,735				8,722			

NOTES

(1) COMMON EXCAVATION IS THE SUM OF THE CUT AND EBS EXCAVATION COLUMNS. ITEM NUMBER 205.0100

(2) SALVAGED/UNSUABLE PAVEMENT MATERIAL IS INCLUDED IN CUT.

(3) EBS EXCAVATION TO BE BACKFILLED WITH BASE AGGREGATE DENSE 1 1/4-INCH. SOILS REMOVED AS EBS MUST BE WASTED OFFSITE AND NOT REUSED AS FILL.

(4) SALVAGED/UNUSABLE PAVEMENT MATERIAL

(5) AVAILABLE MATERIAL = CUT - SALVAGED/UNUSUABLE PAVEMENT MATERIAL

(11) EXPANDED EBS BACKFILL - THIS IS TO BE FILLED WITH BASE AGGREGATE DENSE 1 1/4-INCH. EBS BACKFILL FACTOR = 1.10.

(13) EXPANDED FILL FACTOR = 1.25; EXPANDED FILL = UNEXPANDED FILL * FILL FACTOR

(14) THE MASS ORDINATE + OR - QTY CALCULATED FOR THE STAGE. PLUS QUANTITY INDICATES AN EXCESS OF MATERIAL WITHIN THE STAGE. MINUS INDICATES A SHORTAGE OF MATERIAL WITHIN THE STAGE.

(16) UNDISTRIBUTED QUANTITY OF BASE AGGREGATE DENSE 1 1/4-INCH TO FILL EBS.

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

** CY TO TON CONVERSION FACTOR = 1.85 TON/CY

*** UNDISTRIBUTED EBS EXCAVATION FOR SIDEROADS = 50% OF CUT

BASE AGGREGATE DENSE

CATEGORY	STAGE	STATION - STATION	LOCATION	305.0120* 1 1/4-INCH TON
0010	1	84+85 - 93+00	LT	930
		93+00 - 102+50	LT	1,190
		102+50 - 112+50	LT	1,310
		112+50 - 120+80	LT	970
		STAGING	LT	30
		STAGE 1 SUB-TOTAL		4,430
	2	84+85 - 93+00	RT	970
		93+00 - 102+50	RT	1,110
		102+50 - 112+50	RT	1,330
		112+50 - 120+80	RT	840
		STAGING		---
		STAGE 2 SUB-TOTAL		4,250
		TOTAL		8,680

CONCRETE PAVEMENT

CATEGORY	STAGE	STATION - STATION	LOCATION	415.0080 8-INCH SY	415.4100 JOINT FILLING SY
0010	1	84+85 - 93+00	LT	1,970	2,180
		93+00 - 102+50	LT	2,380	2,600
		102+50 - 112+50	LT	2,660	2,900
		112+50 - 120+80	LT	1,930	2,160
		STAGE 1 SUB-TOTALS		8,940	9,840
	2	84+85 - 93+00	RT	1,860	2,030
		93+00 - 102+50	RT	2,420	2,640
		102+50 - 112+50	RT	2,710	2,960
		112+50 - 120+80	RT	1,900	2,060
		STAGE 2 SUB-TOTALS		6,990	7,630
		TOTALS		15,930	17,470

CONCRETE PAVEMENT GAPS

CATEGORY	STATION - STATION	LOCATION	415.0210 STAGE 1 EACH	415.0210 STAGE 2 EACH
0010	84+85 - 93+00	LT & RT	---	---
	93+00 - 102+50	LT & RT	2	2
	102+50 - 112+50	LT & RT	1	2
	112+50 - 120+80	LT & RT	2	---
	SUB-TOTALS		5	4
	TOTAL		9	

PAVEMENT BARS

CATEGORY	STATION - STATION	LOCATION	416.0610 DRILLED TIE BARS EACH	416.0620 DRILLED DOWEL BARS EACH
0010	84+85 - 93+00	LT & RT	290	110
	93+00 - 102+50	LT & RT	505	109
	102+50 - 112+50	LT & RT	464	127
	112+50 - 120+80	LT & RT	289	84
	TOTALS		1,547	430

ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES

CATEGORY	STATION	LOCATION	465.0120 TON
0010	118+12	LT	4
	UNDISTRIBUTED		15
	TOTAL		19

ASPHALTIC SURFACE TEMPORARY

CATEGORY	STATION - STATION	LOCATION	465.0125 STAGE 1 TON	465.0125 STAGE 2 TON
0010	84+85 - 93+00	LT & RT	---	---
	93+00 - 102+50	LT & RT	5	---
	102+50 - 112+50	LT & RT	5	---
	112+50 - 120+80	LT & RT	---	---
	SUB-TOTALS		10	---
	TOTAL		10	

CONCRETE CURB & GUTTER ITEMS

CATEGORY	STAGE	STATION - STATION	601.0409 CONCRETE CURB & GUTTER 30-INCH TYPE A LF	601.0600 CONCRETE CURB PEDESTRIAN LF
0010	1	84+85 - 93+00	842	---
		93+00 - 102+50	992	62
		102+50 - 112+50	1,088	26
		112+50 - 120+80	888	13
		STAGE 1 SUB-TOTALS	3,810	101
	2	84+85 - 93+00	825	20
		93+00 - 102+50	1,013	14
		102+50 - 112+50	1,125	---
		112+50 - 120+80	841	---
		STAGE 2 SUB-TOTALS	3,804	34
		TOTALS	7,614	135

SIDEWALK ITEMS

CATEGORY	STAGE	STATION	-	STATION	602.0410 CONCRETE SIDEWALK 5-INCH SF	602.0505 CURB RAMP DETECTABLE WARNING FIELD YELLOW SF	650.9000 CONSTRUCTION STAKING CURB RAMPS EACH
0010	1	84+85	-	93+00	1,600	94	8
		93+00	-	102+50	2,850	96	8
		102+50	-	112+50	2,600	96	8
		112+50	-	120+80	1,950	48	4
		UNDISTRIBUTED			250	---	---
	STAGE 1 SUB-TOTALS				9,250	334	28
	2	84+85	-	93+00	2,400	72	6
		93+00	-	102+50	1,650	96	8
		102+50	-	112+50	2,350	96	8
		112+50	-	120+80	810	48	4
		UNDISTRIBUTED			250	---	---
	STAGE 2 SUB-TOTALS				7,460	312	26
	TOTALS				16,710	646	54

DUST CONTROL SURFACE TREATMENT

CATEGORY	PROJECT	623.0200 SY
0010	2703-07-72	22,700

MOBILIZATIONS EROSION CONTROL

CATEGORY	STATION - STATION	628.1905 EACH
0010	UNDISTRIBUTED	6

MOBILIZATIONS EMERGENCY EROSION CONTROL

CATEGORY	STATION - STATION	628.1910 EACH
0010	UNDISTRIBUTED	5

CONCRETE DRIVEWAY

			602.0810 CONCRETE DRIVEWAY 6-INCH		602.0820 CONCRETE DRIVEWAY 8-INCH	
			STAGE 1	STAGE 2	STAGE 1	STAGE 2
CATEGORY	STATION	LOCATION	SY	SY	SY	SY
0010	86+33	LT	8	---	---	---
	86+91	RT	---	15	---	---
	86+92	LT	10	---	---	---
	87+41	LT	8	---	---	---
	87+47	RT	---	20	---	---
	87+92	LT	8	---	---	---
	88+03	RT	---	25	---	---
	88+45	LT	8	---	---	---
	88+62	RT	---	25	---	---
	88+99	LT	15	---	---	---
	89+16	RT	---	25	---	---
	89+53	LT	8	---	---	---
	89+71	RT	---	20	---	---
	90+07	LT	20	---	---	---
	90+33	RT	---	25	---	---
	90+92	RT	---	20	---	---
	91+69	RT	---	25	---	---
	92+40	LT	7	---	---	---
	92+52	RT	---	25	---	---
	93+13	RT	---	30	---	---
	95+87	LT	50	---	---	---
	96+34	LT	25	---	---	---
	97+11	LT	50	---	---	---
	97+71	LT	55	---	---	---
	100+09	LT	25	---	---	---
	100+77	LT	9	---	---	---
	101+24	LT	25	---	---	---
	101+36	LT	25	---	---	---
	101+76	LT	8	---	---	---
	102+18	LT	8	---	---	---
	102+57	LT	7	---	---	---
	102+96	LT	15	---	---	---
	103+36	LT	20	---	---	---
	103+48	RT	---	35	---	---
	105+17	LT	9	---	---	---
	105+53	RT	---	20	---	---
	105+95	LT	30	---	---	---
	106+28	LT	15	---	---	---
	106+57	LT	15	---	---	---
	106+96	LT	10	---	---	---
	107+37	LT	8	---	---	---
	107+50	RT	---	10	---	---
	107+68	RT	---	10	---	---
	108+11	LT	15	---	---	---
	109+90	RT	---	---	---	60
	110+40	RT	---	---	---	55
	110+70	LT	20	---	---	---
	110+85	RT	---	40	---	---
	110+95	LT	15	---	---	---
	111+40	LT	15	---	---	---
	112+17	LT	15	---	---	---
	112+62	LT	8	---	---	---
	113+40	LT	35	---	---	---
	113+77	LT	15	---	---	---
	118+31	LT	---	---	35	---
	120+35	LT	---	---	20	---
	120+40	RT	---	10	---	---
	120+67	LT	---	---	30	---
	11+84 F	LT	---	---	25	---
	13+10 F	RT	---	---	---	35
	13+12 F	LT	---	---	30	---
	SUB-TOTALS		639	380	140	150
	TOTALS		1,019		290	

STORM SEWER SUMMARY

CATEGORY	FROM STRUCTURE	TO STRUCTURE	608.0412 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 12-INCH LF	608.0415 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 15-INCH LF	520.8000 CONCRETE COLLARS FOR PIPE EACH
0010	INL 1	EX MH 1	---	44	1
	INL 2	INL 1	---	36	---
	INL 3	INL 2	---	30	---
	INL 4	INL 3	41	---	---
	INL 6	EX MH 3	15	---	1
	INL 7	EX MH 3	29	---	1
	INL 8	INL 9	41	---	---
	INL 9	INL 10	24	---	---
	INL 10	EX MH 4	---	30	1
	INL 11	EX MH 4	37	---	1
	INL 12	INL 15.1	23	---	---
	INL 13	INL 13.1	31	---	---
	INL 13.1	EX MH 5	---	32	1
	INL 13.2	INL 13.3	39	---	---
	INL 13.3	EX MH 5	30	---	---
	INL 14	INL 15	40	---	---
	INL 14.1	EX MH 6	23	---	1
	INL 15	EX MH 6	42	---	---
	INL 15.1	EX MH 6	38	---	1
	INL 16	INL 14.1	30	---	---
	INL 17	EX MH 5	50	---	1
	INL 18	EX MH 7.1	38	---	1
	INL 19	EX MH 7	42	---	1
	INL 20	EX MH 8	52	---	1
	INL 21	INL 22	20	---	---
	INL 22	EX MH 8	39	---	1
	INL 23	INL 23.1	23	---	---
	INL 23.1	EX MH 9	---	33	1
	INL 24	EX MH 9	50	---	1
	INL 25	INL 26	35	---	---
	INL 26	INL 23.1	25	---	---
	INL 27	INL 28	41	---	---
	INL 28	EX MH 10	80	---	1
	INL 29	EX MH 11	20	---	1
	INL 30	EX MH 11	21	---	1
	TOTALS		1,019	205	18

STORM SEWER SUMMARY

CATEGORY	STRUCT. ID#	STATION	OFFSET	611.3004 INLETS 4-FT DIAMETER EACH	611.3230 INLETS 2X3-FT EACH	611.3253 INLETS 2.5X3-FT EACH	611.0624 INLET COVERS TYPE H EACH	611.0639 INLET COVERS TYPE H-S EACH	650.4000 CONSTRUCTION STAKING STORM SEWER EACH
0010	INL 1	85+29.67	40.60 'LT	---	---	1	1	---	1
	INL 2	85+65.38	38.51 'LT	1	---	---	---	1	1
	INL 3	85+89.93	20.50 'LT	1	---	---	1	---	1
	INL 4	85+94.20	20.50 'RT	---	1	---	1	---	1
	INL 6	91+48.11	49.24 'LT	1	---	---	1	---	1
	INL 7	91+83.66	49.33 'LT	1	---	---	1	---	1
	INL 8	93+74.20	20.50 'RT	---	1	---	1	---	1
	INL 9	93+74.21	20.50 'LT	1	---	---	1	---	1
	INL 10	93+98.23	23.59 'LT	1	---	---	---	1	1
	INL 11	94+43.14	29.33 'LT	---	1	---	1	---	1
	INL 12	98+45.95	20.50 'LT	1	---	---	1	---	1
	INL 13	98+45.95	20.50 'RT	1	---	---	1	---	1
	INL 13.1	98+75.55	30.94 'RT	1	---	---	1	---	1
	INL 13.2	98+82.01	54.83 'RT	---	1	---	---	1	1
	INL 13.3	99+21.01	54.78 'RT	1	---	---	---	1	1
	INL 14	99+20.89	64.28 'LT	---	1	---	1	---	1
	INL 14.1	99+28.46	29.71 'LT	1	---	---	---	1	1
	INL 15	98+81.94	56.13 'LT	1	---	---	1	---	1
	INL 15.1	98+68.62	24.88 'LT	1	---	---	---	1	1
	INL 16	99+56.95	20.50 'LT	1	---	---	1	---	1
	INL 17	99+56.96	20.50 'RT	1	---	---	1	---	1
	INL 18	104+83.87	20.50 'RT	---	1	---	1	---	1
	INL 19	104+83.85	20.50 'LT	1	---	---	1	---	1
	INL 20	108+93.28	45.61 'LT	1	---	---	---	1	1
	INL 21	109+42.28	46.31 'LT	1	---	---	1	---	1
	INL 22	109+46.89	26.79 'LT	1	---	---	1	---	1
	INL 23	115+17.53	20.50 'LT	1	---	---	1	---	1
	INL 23.1	115+40.02	24.74 'LT	1	---	---	---	1	1
	INL 24	115+17.54	20.50 'RT	1	---	---	1	---	1
	INL 25	115+80.45	49.12 'LT	---	1	---	1	---	1
	INL 26	115+45.45	49.00 'LT	1	---	---	1	---	1
	INL 27	116+75.00	20.50 'RT	---	1	---	---	1	1
	INL 28	116+75.00	20.50 'LT	1	---	---	---	1	1
	INL 29	118+59.53	20.50 'LT	---	1	---	1	---	1
	INL 30	118+59.53	20.50 'RT	---	1	---	1	---	1
	TOTALS			24	10	1	25	10	35

3

MISCELLANEOUS STORM SEWER SUMMARY

CATEGORY	PROJECT	204.0220 REMOVING INLETS EACH	204.0245 REMOVING STORM SEWER 12-INCH LF	611.0420 RECONSTRUCTING MANHOLES EACH	611.8110 ADJUSTING MANHOLE COVERS EACH	SPV.0060.01 SEALING MANHOLE OPENINGS EACH	SPV.0060.02 STORM SEWER TAP EACH
0010	2703-07-02	22	651	8	10	9	11

WATER

CATEGORY	STATION - STATION	LOCATION	624.0100 MGAL
0010	84+85 - 120+80	RT/LT	200

INLET PROTECTION

CATEGORY	STATION - STATION	628.7005 INLET PROTECTION TYPE A EACH	628.7010 INLET PROTECTION TYPE B EACH	628.7015 INLET PROTECTION TYPE C EACH	628.7020 INLET PROTECTION TYPE D EACH
0010	84+85 - 93+00	9	4	15	1
	93+00 - 102+50	19	4	21	2
	102+50 - 112+50	10	5	14	---
	112+50 - 120+80	11	4	17	---
	TOTALS	49	17	67	3

FINISHING ITEMS

CATEGORY	STATION - STATION	LOCATION	625.0100 TOPSOIL SY	628.2006 EROSION MAT URBAN CLASS I TYPE A SY	629.0210 FERTILIZER TYPE B CWT	630.0130 SEEDING MIXTURE NO. 30 LB	630.0200 SEEDING TEMPORARY LB	630.0500 SEED WATER MGAL	631.0300 SOD WATER MGAL	631.1000 SOD LAWN SY
0010	84+85 - 93+00	LT/RT	860	110	1	2	3	2	17	750
	93+00 - 102+50	LT/RT	940	78	1	1	2	2	19	860
	102+50 - 112+50	LT/RT	980	53	1	1	1	1	21	930
	112+50 - 120+80	LT/RT	810	28	1	1	1	1	18	790
	UNDISTRIBUTED		360	31	1	1	1	--	--	330
	TOTALS		3,950	300	5	6	8	6	75	3,660

TRACKING PADS

CATEGORY	STATION	628.7560 EACH
0010	UNDISTRIBUTED	4

SIGNING ITEMS

SIGN NO.	LOCATION	SIGN CODE	SIZE CODE	SIGN MESSAGE	SIGN SIZE W [IN.]	X	H [IN.]	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.2215 SIGNS TYPE II REFLECTIVE H FOLDING SF	634.0816 POSTS TUBULAR 2 X 2-INCH X 16-FT EACH	638.2102 MOVING SIGNS TYPE II EACH	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH	REMARKS
1-1	LT	R3-9C	---	BEGIN	30	X	12	---	---	---	---	1	---	MOUNTED ON EXISTING LIGHT POLE
1-2	LT	R3-17	---	BIKE LANE	30	X	24	---	---	---	1	---	---	MOVE 1-2 TO 1-6 LOCATION, MOUNTED ON EXISTING LIGHT POLE
1-3	LT	R1-1	3	STOP	36	X	36	7.46	---	1	---	1	1	
1-4	LT	---	---	N REPUBLIC AVE	---	X	---	---	---	---	---	---	---	TO BE REMOVED/MOVED/INSTALLED BY OTHERS
1-5	LT	---	---	LATHROP AVE	---	X	---	---	---	---	---	---	---	TO BE REMOVED/MOVED/INSTALLED BY OTHERS
1-6	LT	R3-17	2S	BIKE LANE	30	X	24	5.00	---	1	---	---	---	MOVE 1-2 TO 1-6 LOCATION
1-7	LT	R3-17BP	2S	ENDS	30	X	12	2.50	---	---	---	---	---	MOUNT BELOW 1-6
1-8	RT	R2-1	2S	SPEED LIMIT 25	24	X	30	5.00	---	1	---	1	1	
1-9	RT	R1-1	3	STOP	36	X	36	7.46	---	1	---	1	1	
1-10	RT	R2-1	2S	SPEED LIMIT 30	24	X	30	5.00	---	---	---	1	---	MOUNT ON EXISTING LIGHT POLE
1-11	RT	R3-17	2S	BIKE LANE	30	X	24	5.00	---	---	---	1	---	MOUNT BELOW 1-11
1-12	RT	R3-17BP	---	ENDS	30	X	12	---	---	---	---	1	---	MOUNTED ON EXISTING LIGHT POLE
2-1	LT	R3-17	2S	BIKE LANE	30	X	24	5.00	---	1	---	---	---	
2-2	LT	---	---	17TH ST	---	X	---	---	---	---	---	---	---	TO BE REMOVED/MOVED/INSTALLED BY OTHERS
2-3	LT	---	---	LATHROP AVE	---	X	---	---	---	---	---	---	---	TO BE REMOVED/MOVED/INSTALLED BY OTHERS
2-4	LT	R1-1	3	STOP	36	X	36	7.46	---	1	---	1	1	MOUNT BELOW 2-3
2-5	LT	---	---	BUS STOP	---	X	---	---	---	---	1	---	1	TO BE REMOVED/MOVED/INSTALLED BY OTHERS
2-6	LT	R3-17	2S	BIKE LANE	30	X	24	5.00	---	1	---	---	---	
2-7	LT	R1-1	3	STOP	36	X	36	7.46	---	1	---	1	1	
2-8	LT	---	---	VICTORY AVE	---	X	---	---	---	---	---	---	---	TO BE REMOVED/MOVED/INSTALLED BY OTHERS
2-9	LT	---	---	LATHROP AVE	---	X	---	---	---	---	---	---	---	TO BE REMOVED/MOVED/INSTALLED BY OTHERS
2-10	LT	S1-1	2S	SCHOOL CROSSING	36	X	36	6.75	---	1	---	1	---	
2-11	LT	S16-7L	2S	DOWNWARD DIAGONAL LEFT ARROW	30	X	18	3.75	---	---	---	1	---	MOUNT BELOW 2-10
2-12	RT	R3-17	2S	BIKE LANE	30	X	24	5.00	---	1	---	---	---	
2-13	RT	S1-1	2S	SCHOOL CROSSING	36	X	36	6.75	---	1	---	1	1	
2-14	RT	S16-7L	2S	DOWNWARD DIAGONAL LEFT ARROW	30	X	18	3.75	---	---	---	1	---	MOUNT BELOW 2-13
2-15	RT	R1-1	3	STOP	36	X	36	7.46	---	1	---	1	1	
2-16	RT	R3-17	2S	BIKE LANE	30	X	24	5.00	---	1	---	---	---	
3-1	LT	R3-17	2S	BIKE LANE	30	X	24	5.00	---	1	---	---	---	
3-2	LT	R3-17AP	2S	AHEAD	30	X	12	2.50	---	---	---	---	---	MOUNT BELOW 3-1
3-3	LT	---	---	BUS STOP	---	X	---	---	---	---	---	---	---	TO BE REMOVED/MOVED/INSTALLED BY OTHERS
3-4	LT	R1-1F	3	STOP (FOLDING)	36	X	36	---	7.46	---	---	1	---	MOUNT ON SIGNAL POLE
3-5	LT	R5-2	2S	NO TRUCKS	24	X	24	4.00	---	1	1	---	---	MOVE 3-8 TO 3-5 LOCATION
3-6	LT	---	---	16TH ST	---	X	---	---	---	---	---	---	---	TO BE REMOVED/MOVED/INSTALLED BY OTHERS
3-7	LT	---	---	LATHROP AVE	---	X	---	---	---	---	---	---	---	TO BE REMOVED/MOVED/INSTALLED BY OTHERS
3-8	LT	R5-2	---	NO TRUCKS	24	X	24	---	---	---	---	---	---	MOVE 3-8 TO 3-5 LOCATION, MOUNTED ON EXISTING LIGHT POLE
3-9	LT	R1-1F	3	STOP (FOLDING)	36	X	36	---	7.46	---	---	1	---	MOUNT ON SIGNAL POLE
3-10	RT	R1-1F	3	STOP (FOLDING)	36	X	36	---	7.46	---	---	1	---	MOUNT ON SIGNAL POLE
3-11	RT	R1-1F	3	STOP (FOLDING)	36	X	36	---	7.46	---	---	1	---	MOUNT ON SIGNAL POLE
3-12	LT	M1-94H	3	16TH ST	54	X	18	6.75	---	---	---	---	---	MOUNT ON SIGNAL ARM
3-13	RT	M1-94H	3	16TH ST	54	X	18	6.75	---	---	---	---	---	MOUNT ON SIGNAL ARM
3-14	LT	M1-94H	3	LATHROP AVE	54	X	18	6.75	---	---	---	---	---	MOUNT ON SIGNAL ARM
3-15	RT	M1-94H	3	LATHROP AVE	54	X	18	6.75	---	---	---	---	---	MOUNT ON SIGNAL ARM
4-1	LT	R3-17	2S	BIKE LANE	30	X	24	5.00	---	1	---	---	---	
4-2	LT	R3-17BP	2S	ENDS	30	X	12	2.50	---	---	---	---	---	MOUNT BELOW 4-1
4-3	LT	R3-17	2S	BIKE LANE	30	X	24	5.00	---	1	---	---	---	
4-4	LT	---	---	15TH ST	---	X	---	---	---	---	---	---	---	TO BE REMOVED/MOVED/INSTALLED BY OTHERS
4-5	LT	---	---	LATHROP AVE	---	X	---	---	---	---	---	---	---	TO BE REMOVED/MOVED/INSTALLED BY OTHERS
4-6	LT	R1-1	3	STOP	36	X	36	7.46	---	1	---	1	1	
4-7	RT	R3-17	2S	BIKE LANE	30	X	24	5.00	---	1	---	---	---	
4-8	RT	R3-17AP	2S	AHEAD	30	X	12	2.50	---	---	---	---	---	MOUNT BELOW 4-7
4-9	RT	R1-1	3	STOP	36	X	36	7.46	---	1	---	1	1	
4-10	RT	R3-17	2S	BIKE LANE	30	X	24	5.00	---	1	---	---	---	
5-1	LT	R3-17	2S	BIKE LANE	30	X	24	5.00	---	1	---	---	---	
5-2	LT	---	---	WRIGHT AVE	---	X	---	---	---	---	---	---	---	TO BE REMOVED/MOVED/INSTALLED BY OTHERS
5-3	LT	---	---	LATHROP AVE	---	X	---	---	---	---	---	---	---	TO BE REMOVED/MOVED/INSTALLED BY OTHERS
5-4	LT	R1-1	3	STOP	36	X	36	7.46	---	1	---	1	1	
5-5	LT	---	---	WRIGHT AVE	---	X	---	---	---	---	---	1	---	MOUNTED ON EXISTING SIGNAL ARM
5-6	RT	---	---	WRIGHT AVE	---	X	---	---	---	---	---	1	---	MOUNTED ON EXISTING SIGNAL ARM
5-7	LT	R1-1	3	STOP	36	X	36	7.46	---	1	---	1	1	
5-8	RT	---	---	PARKING	---	X	---	---	---	---	---	---	---	TO BE REMOVED/MOVED/INSTALLED BY OTHERS
5-9	RT	R1-1	3	STOP	36	X	36	7.46	---	1	---	1	1	
5-10	RT	R1-1	3	STOP	36	X	36	7.46	---	1	---	1	1	
5-11	RT	R3-17	2S	BIKE LANE	30	X	24	5.00	---	1	---	---	---	
6-1	LT	R3-17	2S	BIKE LANE	30	X	24	5.00	---	1	---	---	---	

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SIGNING ITEMS (CONTINUED)

SIGN NO.	LOCATION	SIGN CODE	SIZE CODE	SIGN MESSAGE	SIGN SIZE W [IN.]	X	H [IN.]	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.2215 SIGNS TYPE II REFLECTIVE H FOLDING SF	634.0816 POSTS TUBULAR 2 X 2-INCH X 16-FT EACH	638.2102 MOVING SIGNS TYPE II EACH	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH	REMARKS
6-2	LT	R1-1	3	STOP	36	X	36	7.46	---	1	---	1	1	
6-3	LT	R2-1	2S	SPEED LIMIT 30	24	X	30	5.00	---	1	---	1	---	
6-4	LT	R3-17	2S	BIKE LANE	30	X	24	5.00	---	1	---	---	---	
6-5	LT	R3-17AP	2S	AHEAD	30	X	12	2.50	---	---	---	---	---	MOUNT BELOW 6-5
6-6	RT	---	---	13TH ST	---	X	---	---	---	---	---	---	---	TO BE REMOVED/MOVED/INSTALLED BY OTHERS
6-7	RT	---	---	LATHROP AVE	---	X	---	---	---	---	---	---	---	TO BE REMOVED/MOVED/INSTALLED BY OTHERS
6-8	RT	R1-1	3	STOP	36	X	36	7.46	---	1	---	1	1	
6-9	RT	R3-17	2S	BIKE LANE	30	X	24	5.00	---	1	---	---	---	
6-10	RT	R3-17	2S	BIKE LANE	30	X	24	5.00	---	1	---	---	---	
6-11	RT	R3-17BP	2S	ENDS	30	X	12	2.50	---	---	---	---	---	MOUNT BELOW 6-10
				TOTALS				263.980	29.840	34	3	29	16	

TRAFFIC CONTROL CONNECTED WORK ZONE ITEMS

CATEGORY	STAGE	CALENDAR DAYS	643.0810 CONNECTED ARROW BOARD DAY	643.1222 CONNECTED WORK ZONE END LOCATION MARKERS DAY	COMMENTS
0010	STAGE 1	86	86	86	
	STAGE 2	77	---	---	NOT REQUIRED
			86	86	

TRAFFIC CONTROL AND DETOUR ITEMS

CATEGORY	STAGE	CALENDAR DAYS	643.0300* TRAFFIC CONTROL DRUMS DAY	643.0420 TRAFFIC CONTROL BARRICADES TYPE III DAY	643.0705 TRAFFIC CONTROL WARNING LIGHTS TYPE A DAY	643.0715 TRAFFIC CONTROL WARNING LIGHTS TYPE C DAY	643.0900* TRAFFIC CONTROL SIGNS DAY	643.1000 TRAFFIC CONTROL SIGNS FIXED MESSAGE SF	643.1050 TRAFFIC CONTROL SIGNS PCMS DAY	643.1070 TRAFFIC CONTROL CONES 42-INCH DAY
0010	STAGE 1	86	17,802	8,084	16,168	2,408	28,466	---	14	19,092
	STAGE 2	77	13,552	7,238	14,476	2,233	28,875	---	---	17,017
	DETOUR	166	---	---	664	---	10,956	---	7	---
	STAGE 1 AND 2		---	---	---	---	---	35	---	---
	UNDISTRIBUTED		1,496	678	1,492	209	2,527	---	---	1,391
			32,850	16,000	32,800	4,850	70,824	35	21	37,500

*ADDITIONAL QUANTITIES LISTED ELSEWHERE

TEMPORARY PAVEMENT MARKING ITEMS

CATEGORY	STATION	643.3105 TEMPORARY MARKING LINE PAINT 4-INCH LF	643.3150 TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH LF	643.3180 TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH LF	643.3550 TEMPORARY MARKING ARROW REMOVABLE TAPE EACH	643.3650 TEMPORARY MARKING WORD REMOVABLE TAPE EACH	643.3850 TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-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	STAGE 1	3,554	1,170	81	2	1	51	214	90
	STAGE 2	---	4,087	261	---	---	91	---	---
	TOTALS	3,554	5,257	342	2	1	142	214	90

TRAFFIC CONTROL PEDESTRIAN ACCOMMODATION ITEMS

CATEGORY	STAGE	CALENDAR DAYS	643.0300* TRAFFIC CONTROL DRUMS DAY	643.0900* TRAFFIC CONTROL SIGNS DAY	644.1440 TEMPORARY PEDESTRIAN SURFACE MATTING SF	644.1601 TEMPORARY PEDESTRIAN CURB RAMP DAY	644.1605 TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELD SF	644.1810 TEMPORARY PEDESTRIAN BARRICADE LF	644.1900.S TEMPORARY AUDIBLE MESSAGE DEVICES DAY
0010	STAGE 1	86	1,032	516	100	172	146	850	3,268
	STAGE 2	77	924	616	100	154	98	830	2,926
	UNDISTRIBUTED	---	---	---	25	40	20	100	326
	TOTALS	163	1,956	1,132	225	366	264	1,780	6,520

*ADDITIONAL QUANTITIES LISTED ELSEWHERE

REMOVING PAVEMENT MARKING ITEMS

CATEGORY	STAGE	STATION	-	STATION	LOCATION	646.9000 MARKING REMOVAL LINE 4-INCH LF	646.9200 MARKING REMOVAL LINE WIDE LF	646.9300 MARKING REMOVAL SPECIAL MARKING EACH
0010	1	84+85	-	93+00	LT/RT	113	---	1
		93+00	-	102+50	LT/RT	262	42	---
		102+50	-	112+50	LT/RT	48	---	---
		112+50	-	120+80	LT/RT	100	12	---
		STAGE 1 SUBTOTALS				523	54	1
	2	84+85	-	93+00	LT/RT	200	---	---
		93+00	-	102+50	LT/RT	134	29	---
		102+50	-	112+50	LT/RT	51	---	---
		112+50	-	120+80	LT/RT	---	---	---
		STAGE 2 SUBTOTALS				385	29	---
		TOTALS				908	83	1

PERMANENT PAVEMENT MARKING ITEMS

CATEGORY	STATION	-	STATION	646.1020 MARKING LINE EPOXY 4-INCH SOLID YELLOW LF	646.1020 MARKING LINE EPOXY 4-INCH SOLID WHITE LF	646.3020 MARKING LINE EPOXY 8-INCH SOLID WHITE LF	646.5020 MARKING ARROW EPOXY EACH	646.5120 MARKING WORD EPOXY EACH	646.5220 MARKING SYMBOL EPOXY EACH	646.6120 MARKING STOP LINE EPOXY 18-INCH 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
0010	84+85	-	93+00	1,702	2,462	---	8	---	10	48	---	600	---
	93+00	-	102+50	3,690	2,326	337	11	---	5	125	138	583	133
	102+50	-	112+50	1,993	2,488	---	12	---	12	118	---	632	---
	112+50	-	120+80	1,967	2,094	198	9	1	7	56	34	287	---
	SUB-TOTALS			9,352	9,370	535	40	1	34	347	172	2,102	133
	TOTALS			18,722		535	40	1	34	347	172	2,102	133

CONSTRUCTION STAKING SUMMARY

CATEGORY	STATION	-	STATION	650.4500 CONSTRUCTION STAKING SUBGRADE LF	650.7000 CONSTRUCTION STAKING CONCRETE PAVEMENT LF	650.9920 CONSTRUCTION STAKING SLOPE STAKES LF
0010	84+85	-	120+80	3,595	3,595	3,595

CONSTRUCTION STAKING

CATEGORY	PROJECT	650.8501 ELECTRICAL INSTALLATIONS EACH	650.9500 SIDEWALK EACH	650.9911 SUPPLEMENTAL CONTROL EACH
0010	2703-07-72	1	1	1

REMOVING CONCRETE BASES

CATEGORY	BASE NO.	STATION	LOCATION	204.0195* EACH
0010	CB1	98+63.6	39.7' RT	1
	SB1	98+23.3	23.3' RT	1
	SB2	98+70.2	24.1' LT	1
	SB3	12+16.0 D	22.6' RT	1
	SB4	12+15.0 D	23.7' LT	1
	SB5	99+32.8	23.1' LT	1
	SB6	99+31.9	26.0' RT	1
	SB7	12+85.5 D	22.5' LT	1
	SB8	12+84.0 D	22.6' RT	1
	TOTAL			9

TRAFFIC SIGNAL CONDUIT SUMMARY

CATEGORY	FROM	TO	652.0225 CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH LF	652.0235* CONDUIT RIGID NONMETALLIC SCHEDULE 40 3-INCH LF
0010	CB1	PB1	--	42
	PB1	PB2	--	104
	PB2	PB3	--	66
	PB3	PB4	--	90
	PB4	PB5	--	98
	PB5	PB6	--	98
	PB6	PB7	--	64
	PB7	PB8	--	92
	PB8	CB1	--	45
	PB1	SB1	10	--
	PB2	SB2	--	10
	PB3	SB3	3	--
	PB4	SB4	--	3
	PB5	SB5	5	--
	PB6	SB6	--	3
	PB7	SB7	8	--
	PB8	SB8	--	9
	TOTALS		26	724

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

TRAFFIC SIGNAL PULL BOX SUMMARY

CATEGORY	PULL BOX NO.	LOCATION* STATION	LOCATION* OFFSET	653.0140 ** PULL BOXES STEEL 24X42-INCH EACH
0010	PB1	98+64.2	25.5' RT	1
	PB2	98+64.0	26.1' LT	1
	PB3	11+97.3 D	22.5' RT	1
	PB4	11+96.6 D	22.3' LT	1
	PB5	99+52.0	24.6' LT	1
	PB6	99+52.1	24.4' RT	1
	PB7	12+91.4 D	23.0' LT	1
	PB8	12+90.6 D	23.0' RT	1
	TOTAL			8

*FINAL LOCATION TO BE DETERMINED BY THE ENGINEER IN THE FIELD
** ADDITIONAL QUANTITIES LISTED ELSEWHERE

REMOVING PULL BOXES

CATEGORY	PULL BOX NO.	STATION	LOCATION	653.0905* EACH
0010	PB1	98+69.8	24.1' RT	1
	PB2	98+73.1	29.6' LT	1
	PB3	99+30.1	29.7' LT	1
	PB4	99+28.5	30.9' RT	1
	PB5	98+78.6	38.1' RT	1
	TOTAL			5

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

CONCRETE BASES

CATEGORY	SB NO.	STATION	LOCATION	654.0101 CONCRETE BASES TYPE 1 EACH	654.0217 CONCRETE CONTROL CABINET TYPE 9 SPECIAL EACH	654.0110 CONCRETE BASES TYPE 10 EACH
0010	CB1	98+63.6	39.7' RT	--	1	--
	SB1	98+54.6	25.1' RT	1	--	--
	SB2	98+53.9	27.1' LT	--	--	1
	SB3	12+00.1 D	24.1' RT	1	--	--
	SB4	11+99.5 D	24.1' LT	--	--	1
	SB5	99+48.3	27.1' LT	1	--	--
	SB6	99+49.1	24.9' RT	--	--	1
	SB7	12+99.4 D	24.1' LT	1	--	--
	SB8	13+00.0 D	24.2' RT	--	--	1
	TOTALS			4	1	4

TRAFFIC SIGNAL CABLE SUMMARY

CATEGORY	FROM	TO	655.0230 CABLE TRAFFIC SIGNAL 5-14 AWG LF	655.0260 CABLE TRAFFIC SIGNAL 12-14 AWG LF
			--	---
0010	CB1	SB1	--	62
	SB1	HEAD 1	19	---
	SB1	HEAD 9	19	---
	SB1	HEAD 21	14	---
	CB1	SB2	--	129
	SB2	HEAD 7	42	---
	SB2	HEAD 8	19	---
	SB2	HEAD 10	52	---
	SB2	HEAD 22	14	---
	CB1	SB3	--	170
	SB3	HEAD 11	19	---
	SB3	HEAD 19	19	---
	SB3	HEAD 23	14	---
	CB1	SB4	--	230
	SB4	HEAD 17	40	---
	SB4	HEAD 18	33	---
	SB4	HEAD 20	49	---
	SB4	HEAD 24	14	---
	CB1	SB5	--	229
	SB5	HEAD 4	19	---
	SB5	HEAD 6	19	---
	SB5	HEAD 25	14	---
	CB1	SB6	--	164
	SB6	HEAD 2	42	---
	SB6	HEAD 3	19	---
	SB6	HEAD 5	52	---
	SB6	HEAD 26	14	---
	CB1	SB7	--	122
	SB7	HEAD 14	19	---
	SB7	HEAD 16	19	---
	SB7	HEAD 27	14	---
	CB1	SB8	--	62
	SB8	HEAD 12	40	---
	SB8	HEAD 13	19	---
	SB8	HEAD 15	49	---
	SB8	HEAD 28	14	---
	TOTALS		720	1,168

TRAFFIC SIGNAL LIGHTING WIRE SUMMARY

CATEGORY	LOCATION FROM	LOCATION TO	655.0320 CABLE TYPE UF 2-10 AWG GROUNDED LF	655.0610 ELECTRICAL WIRE LIGHTING 12 AWG LF
0010	CB1	SB2	129	--
	SB2	LUMN	--	117
	CB1	SB8	62	--
	SB8	LUMN	--	117
	SB8	SB6	143	--
	SB6	LUMN	--	117
	TOTALS		334	351

ELECTRICAL WIRE TRAFFIC SIGNALS 10 AWG

CATEGORY	FROM	TO	655.0515 LF
0010	CB1	SB1	62
	SB1	SB2	118
	SB2	SB3	92
	SB3	SB4	97
	SB4	SB5	103
	SB5	SB6	103
	SB6	SB7	79
	SB7	SB8	109
	SB8	CB1	62
	PB1	CB1	44
	PB2	SB2	33
	PB3	SB3	26
	PB4	SB4	26
	PB5	SB5	27
	PB6	SB6	26
	PB7	SB7	31
	PB8	CB1	45
	TOTAL		1,083

ELECTRICAL SERVICE METER BREAKER PEDESTAL

CATEGORY	LOCATION	656.0201.01* EACH
0010	LATHROP AVENUE AND 16TH STREET	1

* FINAL LOCATION TO BE DETERMINED BY THE FIELD ENGINEER

TRAFFIC SIGNAL BASES, POLES, MONOTUBE ARMS, PUSH BUTTONS, AND LUMINAIRES

CATEGORY	SIGNAL BASE NO.	657.0100 PEDESTAL BASES EACH	657.0345 POLES TYPE 9 EACH	657.0350 POLES TYPE 10 EACH	657.0420 TRAFFIC SIGNAL STANDARDS ALUMINUM 13-FT EACH	657.0525 MONOTUBE ARMS 25-FT EACH	657.0530 MONOTUBE ARMS 30-FT EACH	658.0500 PEDESTRIAN PUSH BUTTONS EACH	657.0806 LUMINAIRE ARMS STEEL 6-FT EACH	659.1125 LUMINAIRES UTILITY LED C EACH
0010	SB1#	1	--	--	1	--	--	1	--	--
	SB2	--	--	1	--	--	1	1	1	1
	SB3	1	--	--	1	--	--	1	--	--
	SB4	--	1	--	--	1	--	1	--	--
	SB5	1	--	--	1	--	--	1	--	--
	SB6#	--	--	1	--	--	1	1	1	1
	SB7	1	--	--	1	--	--	1	--	--
	SB8	--	--	1	--	1	--	1	1	1
	TOTALS	4	1	3	4	2	2	8	3	3

REQUIRES PUSH BUTTON EXTENDER

TRAFFIC SIGNAL FACES SUMMARY

CATEGORY	SIGNAL BASE NO.	SIGNAL HEAD NO.	658.0173 TRAFFIC SIGNAL FACE 3S 12-INCH EACH	658.0416 PEDESTRIAN SIGNAL FACE 16-INCH EACH
0010	SB1	1	1	--
	SB1	9	1	--
	SB1	21	--	1
	SB2	7	1	--
	SB2	8	1	--
	SB2	10	1	--
	SB2	22	--	1
	SB3	11	1	--
	SB3	19	1	--
	SB3	23	--	1
	SB4	17	1	--
	SB4	18	1	--
	SB4	20	1	--
	SB4	24	--	1
	SB5	4	1	--
	SB5	6	1	--
	SB5	25	--	1
	SB6	2	1	--
	SB6	3	1	--
	SB6	5	1	--
	SB6	26	--	1
	SB7	14	1	--
	SB7	16	1	--
	SB7	27	--	1
	SB8	12	1	--
	SB8	13	1	--
	SB8	15	1	--
	SB8	28	--	1
	TOTALS		20	8

TRAFFIC SIGNAL MOUNTING HARDWARE

CATEGORY	LOCATION	658.5070.01 EACH
0010	LATHROP AVENUE AND 16TH STREET	1

LAMP, BALLAST, LED, SWITCH DISPOSAL BY CONTRACTOR

CATEGORY	BASE NO.	659.5000.S* EACH
0010	SB1	3
	SB2	2
	SB3	3
	SB4	2
	SB5	3
	SB6	4
	SB7	2
	SB8	3
	TOTAL	22

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

TRAFFIC SIGNAL CABINET

CATEGORY	CABINET NO.	SPV.0060.05 EACH
0010	CB1	1

REMOVE AND SALVAGE TRAFFIC SIGNAL EQUIPMENT

CATEGORY	LOCATION	SPV.0060.06 EACH
0010	LATHROP AVENUE AND 16TH STREET	1

UTILITY LINE OPENING (ULO)

CATEGORY	INTERSECTION	SB NO.	SPV.0060.10 EACH
0010	LATHROP AVENUE AND 16TH STREET	SB2	1
		SB4	1
		SB6	1
		SB8	1
	UNDISTRIBUTED		2
		TOTAL	6

TRAFFIC SIGNAL DETECTION SYSTEM

CATEGORY	LOCATION	SPV.0060.11 EACH
0010	LATHROP AVENUE AND 16TH STREET	1

REMOVING CONCRETE BASES

CATEGORY	BASE NO.	STATION	LOCATION	204.0195* EACH
0010	CB1	12+02.4 F	29.4' LT	1
	SB1	12+14.7 F	28.4' LT	1
	SB2	109+63.9	25.7' LT	1
	SB3	109+61.3	23.5' RT	1
	SB4	12+86.3 F	28.4' LT	1
	SB5	12+87.4 F	27.6' RT	1
	SB6	108+70.8	23.5' RT	1
	SB7	108+70.5	25.6' LT	1
	SB8	12+12.2 F	27.9' RT	1
		TOTAL		9

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

LAMP, BALLAST, LED, SWITCH DISPOSAL BY CONTRACTOR

CATEGORY	BASE NO.	659.5000.S* EACH
0010	SB1	2
	SB2	3
	SB3	2
	SB4	3
	SB5	2
	SB6	3
	SB7	2
	SB8	3
	TOTAL	20

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

REMOVING PULL BOXES

CATEGORY	PULL BOX NO.	STATION	LOCATION	653.0905* EACH
0010	PB1	12+10.8 F	28.6' LT	1
	PB2	12+85.3 F	32.4' LT	1
	PB3	12+84.5 F	29.6' RT	1
	PB4	12+03.3 F	30.5' RT	1
		TOTAL		4

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

REMOVE AND SALVAGE TRAFFIC SIGNAL EQUIPMENT

CATEGORY	LOCATION	SPV.0060.07 EACH
0010	LATHROP AVENUE AND WRIGHT AVENUE	1

3

INTERCONNECT CONDUIT SUMMARY

CATEGORY	FROM	TO	652.0235* CONDUIT RIGID NONMETALLIC SCHEDULE 40 3-INCH LF
0010	ICPB1	ICPB2	46
	ICPB3	ICPB4	85
	EXICPB2	EXICPB3	48
	ICPB5	ICPB6	80
	TOTAL		259

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

INSTALL CONDUIT INTO EXISTING ITEM

CATEGORY	ITEM NO.	STATION	LOCATION	652.0700.S EACH
0010	EXICPB2	111+07.90	23.5' LT	1
	EXICPB3	111+10.10	24.6' RT	1
	TOTAL			2

FIBER OPTIC PULL BOX

CATEGORY	PULL BOX NO.	STATION	LOCATION	653.0140* PULL BOXES STEEL 24X42-INCH EACH
0010	ICPB1	104+18.10	28.9' LT	1
	ICPB2	104+64.50	29.2' LT	1
	ICPB3	108+83.80	27.9' LT	1
	ICPB4	109+69.4	25.4' LT	1
	ICPB5	115+23.4	29.5' RT	1
	ICPB6	116+03.4	28.9' RT	1
	TOTAL			6

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

REMOVING PULL BOXES

CATEGORY	PULL BOX NO.	STATION	LOCATION	653.0905* EACH
0010	EXICPB-1R	99+44.2	25.5' RT	1
	EXICPB-2R	99+45.2	23.3' LT	1
	TOTAL			2

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

ITS INTEGRATION, DOCUMENTATION, AND TESTING

CATEGORY	PROJECT	670.0101 FIELD SYSTEM INTEGRATOR EACH	670.0201 ITS DOCUMENTATION EACH	678.0501 COMMUNICATION SYSTEM TESTING EACH
0010	2703-07-72	1	1	1

REMOVE AND REINSTALL CABLE

CATEGORY	LOCATION FROM	LOCATION TO	674.0300 REMOVE CABLE LF	674.0400 REINSTALL CABLE LF
0010	CB1	EXICPB6	2,689	--
	EXICPB6	CB1	--	2,681
		TOTALS	2,689	2,681

FIBER OPTIC SPLICE SUMMARY

CATEGORY	EQUIPMENT LOCATION	678.0200 FIBER OPTIC SPLICE ENCLOSURE EACH	678.0300 FIBER OPTIC SPLICE EACH
0010	ICPB4	1	6

ITS EQUIPMENT

CATEGORY	INTERSECTION	EQUIPMENT LOCATION	678.0400 FIBER OPTIC TERMINATION EACH	SPV.0060.08 ETHERNET SWITCHES EACH	SPV.0060.09 FIBER OPTIC TERMINATION PANEL EACH
0010	LATHROP AVENUE AND 16TH STREET	CB1	4	1	1

3

SAWING EXISTING PAVEMENT

CATEGORY	STAGE	STATION - STATION	LOCATION	690.0150 SAWING ASPHALT LF	690.0250 SAWING CONCRETE LF
0010	1	84+85 - 93+00	LT	---	256
		93+00 - 102+50	LT	---	375
		102+50 - 112+50	LT	---	461
		112+50 - 120+80	LT	36	209
		STAGING	LT	---	3,944
		UNDISTRIBUTED		50	200
		STAGE 1 SUBTOTALS		86	5,445
	2	84+85 - 93+00	RT	---	294
		93+00 - 102+50	RT	---	156
		102+50 - 112+50	RT	---	553
		112+50 - 120+80	RT	---	133
		STAGING	RT	---	285
		UNDISTRIBUTED		50	200
		STAGE 2 SUBTOTALS		50	1,621
		TOTALS		136	7,066

ADJUST SANITARY SEWER MANHOLE COV

CATEGORY	STATION	LOCATION	SPV.0060.03 EACH
20	85+51	RT	1.00
	88+03	LT	1.00
	90+55	LT	1.00
	91+66	LT	1.00
	91+72	LT	1.00
	94+25	LT	1.00
	96+61	LT	1.00
	99+01	LT	1.00
	101+61	LT	1.00
	104+06	LT	1.00
	104+30	RT	1.00
	104+41	RT	1.00
	104+67	LT	1.00
	108+78	LT	1.00
	109+18	RT	1.00
	109+18	LT	1.00
	109+59	LT	1.00
	112+17	LT	1.00
	115+53	LT	1.00
	115+64	RT	1.00
	115+70	LT	1.00
	118+28	LT	1.00
	120+68	RT	1.00
	TOTAL		23

SECTION CORNER MONUMENTS

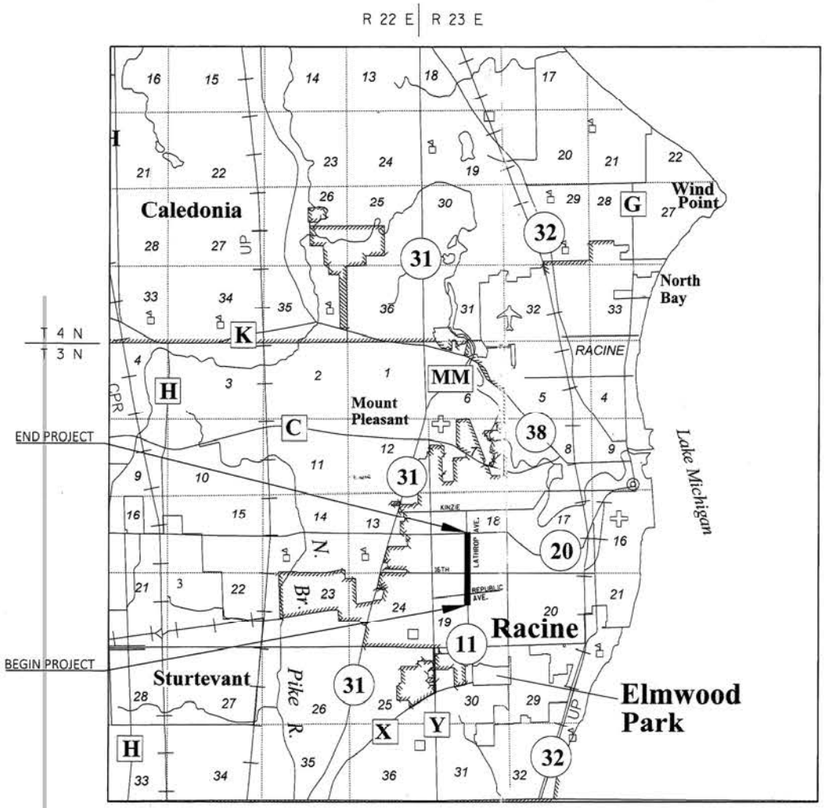
CATEGORY	STATION	LOCATION	SPV.0060.04 EACH	REMARKS
0010	95+55.18	LT/RT	1	SECTION LINE 18, 19
	122+02.33	LT/RT	1	SECTION LINE 18
	TOTAL		2	

STREET SWEEPING

CATEGORY	PROJECT	SPV.0075.01 HOURS	REMARKS
0010	2703-07-72	50	1.5 TO 2 HOURS PER WEEK



STATE OF WISCONSIN
CITY OF RACINE
TRANSPORTATION PROJECT PLAT TITLE SHEET
2703-07-02
LATHROP AVE
REPUBLIC AVENUE TO 13TH STREET
LOCAL STREET
RACINE COUNTY



LAYOUT
SCALE 0 1 MI.

CONVENTIONAL SYMBOLS

- SECTION LINE
- QUARTER LINE
- SIXTEENTH LINE
- NEW REFERENCE LINE
- NEW R/W LINE
- EXISTING R/W OR HE LINE
- PROPERTY LINE
- LOT, TIE & OTHER MINOR LINES
- SLOPE INTERCEPT
- CORPORATE LIMITS
- UNDERGROUND FACILITY (COMMUNICATIONS, ELECTRIC, ETC)
- NEW R/W (FEE OR HE) (HATCHING VARIES BY OWNER)
- TEMPORARY LIMITED EASEMENT AREA
- EASEMENT AREA (PERMANENT LIMITED OR RESTRICTED DEVELOPMENT)
- TRANSMISSION STRUCTURES
- BUILDING / TO BE REMOVED
- BRIDGE / CULVERT
- SECTION CORNER SYMBOL
- SECTION CORNER MONUMENT
- GEODETIC SURVEY MONUMENT
- SIXTEENTH CORNER MONUMENT
- SIGN
- OFF-PREMISE SIGN
- R/W MONUMENT (TO BE SET)
- NON-MONUMENTED R/W POINT
- FOUND IRON PIN (3/4-INCH CAPPED REBAR UNLESS NOTED) IP

	COMPENSABLE	NON-COMPENSABLE
ELECTRIC POLE	■	□
TELEPHONE POLE	●	○
PEDESTAL (LABEL TYPE) (TV, TEL, ELEC, ETC.)	✖	✖

- ACCESS RESTRICTED BY ACQUISITION
- NO ACCESS (BY STATUTORY AUTHORITY)
- ACCESS RESTRICTED (BY PREVIOUS PROJECT OR CONTROL)
- NO ACCESS (NEW HIGHWAY)
- PARCEL NUMBER (25)
- UTILITY NUMBER (40)
- PARALLEL OFFSETS

CONVENTIONAL ABBREVIATIONS

ACCESS RIGHTS	AR	POINT OF INTERSECTION	PI
ACRES	AC	PROPERTY LINE	PL
AHEAD	AH	RECORDED AS	(100')
ALUMINUM	ALUM	REEL / IMAGE	R/I
AND OTHERS	ET AL	REFERENCE LINE	R/L
BACK	BK	REMAINING	REM
BLOCK	BLK	RESTRICTIVE DEVELOPMENT EASEMENT	RDE
CENTERLINE	C/L	RIGHT	RT
CERTIFIED SURVEY MAP	CSM	RIGHT OF WAY	R/W
CONCRETE	CONC	SECTION	SEC
COUNTY	CO	SEPTIC VENT	SEPV
COUNTY TRUNK HIGHWAY	CTH	SQUARE FEET	SF
DISTANCE	DIST	STATE TRUNK HIGHWAY	STH
CORNER	COR	STATION	STA
DOCUMENT NUMBER	DOC	TELEPHONE PEDESTAL	TP
EASEMENT	EASE	TEMPORARY LIMITED EASEMENT	TLE
EXISTING	EX	TRANSPORTATION PROJECT PLAT	TPP
GAS VALVE	GV	UNITED STATES HIGHWAY	USH
GRID NORTH	GN	VOLUME	V
HIGHWAY EASEMENT	HE		
IDENTIFICATION	ID		
LAND CONTRACT	LC		
LEFT	LT		
MONUMENT	MON		
NATIONAL GEODETIC SURVEY	NGS		
NUMBER	NO		
OUTLOT	OL		
PAGE	P		
POINT OF TANGENCY	PT		
PERMANENT LIMITED EASEMENT	PLE		
POINT OF BEGINNING	POB		
POINT OF CURVATURE	PC		
POINT OF COMPOUND CURVE	PCC		

CURVE DATA

LONG CHORD	LCH
LONG CHORD BEARING	LCB
RADIUS	R
DEGREE OF CURVE	D
CENTRAL ANGLE	Δ/DELTA
LENGTH OF CURVE	L
TANGENT	T
DIRECTION AHEAD	DA
DIRECTION BACK	DB

CONVENTIONAL UTILITY SYMBOLS

- W — WATER
- G — GAS
- T — TELEPHONE
- OH — OVERHEAD TRANSMISSION LINES
- E — ELECTRIC
- TV — CABLE TELEVISION
- FO — FIBER OPTIC
- FM — FORCE MAIN
- SAN — SANITARY SEWER
- SS — STORM SEWER

THE NOTES,CONVENTIONAL SIGNS, AND ABBREVIATIONS ARE ASSOCIATED WITH EACH TRANSPORTATION PROJECT PLAT FOR PROJECT 2703-07-02.

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), RACINE COUNTY, NAD83(2011), IN U.S. SURVEY FEET. VALUES ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY ¾" X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

ALL RIGHT-OF-WAY LINES DEPICTED IN THE NON-ACQUISITION AREAS ARE INTENDED TO RE-ESTABLISH EXISTING RIGHT-OF-WAY LINES AS DETERMINED FROM PREVIOUS PROJECTS, OTHER RECORDED DOCUMENTS, CENTERLINE OF EXISTING PAVEMENTS AND/OR EXISTING OCCUPATIONAL LINES.

RIGHT-OF-WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS REFERENCED TO THE U.S. PUBLIC LAND SURVEY SYSTEM OR OTHER "SURVEYS" OF PUBLIC RECORD.

DIMENSIONING FOR THE NEW RIGHT-OF-WAY IS MEASURED ALONG AND PERPENDICULAR TO THE NEW REFERENCE LINES.

A TEMPORARY LIMITED EASEMENT (TLE) IS A RIGHT FOR CONSTRUCTION PURPOSES, AS DEFINED HEREIN, INCLUDING THE RIGHT TO OPERATE NECESSARY EQUIPMENT THEREON, THE RIGHT OF INGRESS AND EGRESS, AS LONG AS REQUIRED FOR SUCH PUBLIC PURPOSE, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM DESIRABLE. ALL (TLEs) ON THIS PLAT EXPIRE AT THE COMPLETION OF THE CONSTRUCTION PROJECT FOR WHICH THIS INSTRUMENT IS GIVEN.

A PERMANENT LIMITED EASEMENT (PLE) IS A RIGHT FOR CONSTRUCTION AND MAINTENANCE PURPOSES, AS DEFINED HEREIN, INCLUDING THE RIGHT TO OPERATE NECESSARY EQUIPMENT THEREON AND THE RIGHT OF INGRESS AND EGRESS, AS LONG AS REQUIRED FOR SUCH PUBLIC PURPOSE, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM DESIRABLE, BUT WITHOUT PREJUDICE TO THE OWNER'S RIGHTS TO MAKE OR CONSTRUCT IMPROVEMENTS ON SAID LANDS OR TO FLATTEN THE SLOPES, PROVIDING SAID ACTIVITIES WILL NOT IMPAIR OR OTHERWISE ADVERSELY AFFECT THE HIGHWAY FACILITIES.

AN EASEMENT FOR HIGHWAY PURPOSES (HE), AS LONG AS SO USED, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM DESIRABLE.

PROPERTY LINES SHOWN ON THIS PLAT FOR PROPERTIES BEING IMPACTED ARE DRAWN FROM DATA DERIVED FROM FILED/RECORDED MAPS AND DOCUMENTS OF PUBLIC RECORD. THIS PLAT MAY NOT BE A TRUE REPRESENTATION OF EXISTING PROPERTY LINES, EXCLUDING RIGHT-OF-WAY, AND SHOULD NOT BE USED AS A SUBSTITUTE FOR AN ACCURATE FIELD SURVEY.

FOR THE CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE CITY OF RACINE.

PARCEL AND UTILITY IDENTIFICATION NUMBERS MAY NOT POINT TO ALL AREAS OF ACQUISITION, AS NOTED ON THE TPP DETAIL PAGES.

INFORMATION FOR THE BASIS OF EXISTING HIGHWAY RIGHT-OF-WAY POINTS OF REFERENCE AND ACCESS CONTROL ARE LISTED ON THE TPP DETAIL PAGES.

4

PROJECT NUMBER 2703-07-02-4.01
SHEET 2 OF 2

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\RW\DWG\040101_RT.DWG
LAYOUT NAME: 040101_rt

PLOT DATE : 1/31/25 10:07 AM PLOT BY : BARTELT, HEATHER PLOT NAME : _____

APPRAISAL PLAT DATE : 1/31/25
LATHROP AVENUE 2703-07-02-4.01

TRANSPORTATION PROJECT PLAT NO: 2703-07-02-4.01

THAT PART OF LOT 3, BLOCK 1, SCHOLZEN ADDITION, AND PART OF LOT 1, BLOCK 2, WEST RACINE HOME ADDITION, AND PART OF LOTS 1 AND 5, BLOCK 1, WEST RACINE HOME ADDITION BEING LOCATED IN AND INCLUDING OTHER LANDS IN THE NORTHEAST 1/4 OF THE NORTHWEST 1/4, AND THAT PART LOT 16, BLOCK 1, EL SEE CEE SUBDIVISION, AND PART OF LOTS 1, 2, 3, AND 4, FERGUS SUBDIVISION BEING LOCATED IN AND INCLUDING OTHER LANDS IN THE NORTHWEST 1/4 OF THE NORTHEAST 1/4 ALL IN SECTION 19, TOWNSHIP 3 NORTH, RANGE 23 EAST, CITY OF RACINE, RACINE COUNTY, WISCONSIN

RELOCATION ORDER LATHROP AVENUE (REPUBLIC AVENUE TO 13TH STREET) RACINE COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE CITY OF RACINE DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SUBSECTIONS 62.22, WISCONSIN STATUTES, THE CITY OF RACINE HEREBY ORDERS THAT:

1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE CITY FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE CITY OF RACINE, PURSUANT TO THE PROVISIONS OF SUBSECTION 62.22, WISCONSIN STATUTES.

HIGHWAY	HISTORICAL BASIS OF R/W	YEAR	WIDTH
LATHROP AVE.	WILLIAM A. CRANE ADDITION	1915	33'
	DOWNER AND COOK'S SUBDIVISION NO.1	1897	33'
	WEST RACINE HOME ADDITION	1927	33'
	JACKLAND-ZITKA ADDITION	1947	40'
	SCHOLZEN ADDITION	1927	33'
	OWENS ADDITION	1920	33'
	WALKER ADDITION	1920	33'
	EL SEE CEE SUBDIVISION	1956	40'
	FERGUS SUBDIVISION	1953	40'
VICTORY AVE.	WEST RACINE HOME ADDITION	1927	54'
17TH ST.	WEST RACINE HOME ADDITION	1927	60'
REPUBLIC AVE.	SCHLOZEN ADDITION EL SEE CEE SUBDIVISION	1927 1956	60' 60'

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, RACINE COUNTY, NAD83(2011), IN U.S. SURVEY FEET. VALUES ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

ALL NEW RIGHT-OF-WAY MONUMENTS WIL BE TYPE 2 (TYPICALLY 3/4" X 24" IRON REBARS) UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, RECORDED IN THE OFFICE OF REGISTER OF DEEDS IN RACINE COUNTY AS SHEET 2 OF 2 OF THIS DOCUMENT.

FOR CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE CITY OF RACINE.

FOUND MONUMENT INFORMATION SHOWN REPRESENTS TYPE AND LOCATION OF EXISTING MONUMENTS WITHOUT OPINION AS TO THEIR VALIDITY AND USE AS A PROPERTY CORNER.

SCHEDULE OF LANDS & INTERESTS REQUIRED

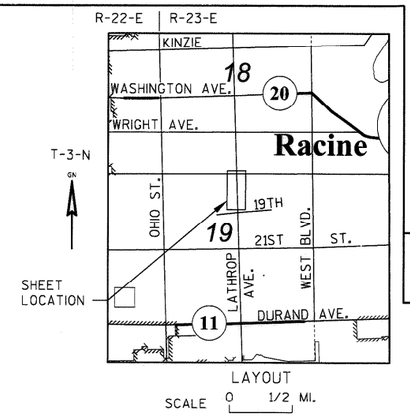
OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE CITY

PARCEL NUMBER	TAX ID.	OWNERS	INTERESTS REQUIRED	R/W NEW	S.F REQUIRED EXISTING	S.F REQUIRED TOTAL	TLE S.F.
1	2760000013132000	WISCONSIN ELECTRIC POWER COMPANY	TLE	---	---	---	98
2	2760000010571000	NANCY A HURSEY	TLE	---	---	---	186
3	2760000010914000	JAMES WAMPOLE	TLE	---	---	---	190
4	2760000010543000	MATTHEW W & DIANE L ANDERSEN	TLE	---	---	---	320
6	2760000010539000	FIRST CHURCH OF GOD	TLE	---	---	---	407
7	2760000013132001	MARTIN HOUSING UNITS LLC.	TLE	---	---	---	225
8	2760000011563000	CITY OF RACINE	TLE	---	---	---	200
9	2760000013119009	ROSIE L. MCCLAIN & NAMON L. WHITE	TLE	---	---	---	409
11	2760000013119010	JAMIE KAVALIUNAS	TLE	---	---	---	766
12	2760000013119001	CLAUDIA A GRACE	TLE	---	---	---	902
13	2760000013119003	SHAWN E. CENTELL	TLE	---	---	---	562
14	2760000013119016	GLENN A. & MARY RITA ZIEMAN	TLE	---	---	---	612
16	2760000013119007	CHRISTOPHER GREEN & HEATHER PRUSAITIS	TLE	---	---	---	502
17	2760000010174001	CARTRIE McWHORTER JR	TLE	---	---	---	156
18	2760000010174002	WALTER R & NYDIA L ANTONGIORGI	TLE	---	---	---	176
19	2760000010174003	JULIA ROYAL	TLE	---	---	---	144
21	2760000010174004	RENAE L WILSON	TLE	---	---	---	127
22	2760000013119015	EDWARD G. BURKHARDT & VICKIE L. BURKHARDT	TLE	---	---	---	310
23	2760000010348016	EILEEN C. SCRUGGS REVOCABLE ASSET TRUST	TLE	---	---	---	89

UTILITY INTERESTS REQUIRED

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

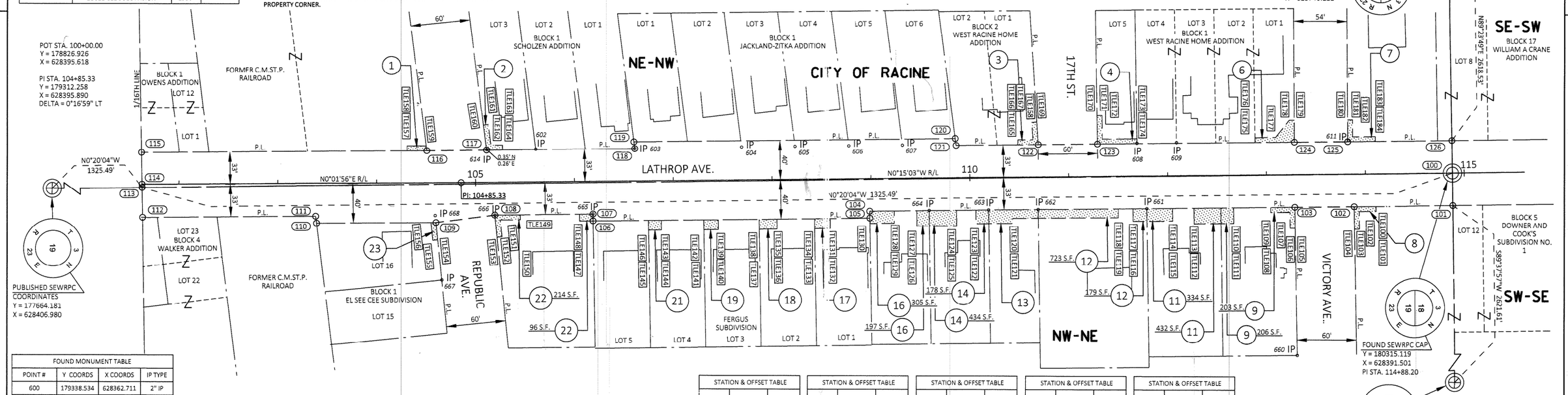
THE PURPOSE OF ALL TLE'S IS FOR SLOPE GRADING UNLESS OTHERWISE NOTED.



Document # 2694877
RACINE COUNTY REGISTER OF DEEDS
February 14, 2025 1:40 PM
Kaisa Pope
KAISE POPE
RACINE COUNTY
REGISTER OF DEEDS
Fee Amount: $25.00
Pages: 2

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 2703-07-02-4.01
SHEET 1 OF 2

GN
SCALE, FEET
0 50 100



FOUND MONUMENT TABLE			
POINT #	Y COORDS	X COORDS	IP TYPE
600	179338.534	628362.711	2" IP
602	179388.017	628362.485	1.5" IP
603	179488.135	628362.351	1.25" IP
604	179596.323	628361.230	1.5" IP
605	179650.335	628360.887	1.5" IP
606	179704.712	628360.558	1.5" IP
607	179758.895	628360.302	1.5" IP
608	179996.156	628359.660	1.25" IP
609	180036.129	628359.198	1" IP
611	180210.104	628357.597	1.5" IP
660	180156.936	628575.410	1.25" IP
661	180005.673	628426.046	1.25" IP
662	179895.731	628426.525	1.25" IP
663	179845.691	628426.783	2" IP
664	179785.539	628426.940	2" IP
665	179445.489	628428.513	1.25" IP
666	179346.289	628429.092	1" IP
667	179292.239	628494.383	1" IP
668	179285.849	628429.263	1.25" IP

COURSE TABLE		
COURSE	BEARING	DISTANCE
100 - 101	N89° 37' 57"E	33.00'
101 - 102	S00° 20' 04"E	100.00'
102 - 103	S00° 14' 18"E	60.00'
103 104	S00° 15' 41"E	420.85'
104 - 105	N89° 25' 56"E	7.00'
105 - 106	S00° 15' 41"E	280.00'
106 - 107	S89° 25' 56"W	7.00'
107 - 108	S00° 15' 41"E	99.31'
108 - 109	S07° 00' 08"E	60.02'
109 - 110	S00° 00' 25"W	120.82'
110 - 111	S83° 14' 27"W	7.05'
111 - 112	S00° 00' 25"W	175.07'
112 - 113	S89° 32' 54"W	30.07'
113 - 114	S89° 28' 08"W	3.53'

COURSE TABLE		
COURSE	BEARING	DISTANCE
114 - 115	S89° 28' 08"W	32.40'
115 - 116	N00° 00' 25"E	288.56'
116 - 117	N00° 15' 59"W	60.40'
117 - 118	N00° 15' 41"W	149.87'
118 - 119	S83° 08' 08"W	7.05'
119 - 120	N00° 15' 41"W	325.03'
120 - 121	N83° 01' 56"E	7.05'
121 - 122	N00° 15' 41"W	83.03'
122 - 123	N00° 15' 41"W	60.00'
123 - 124	N00° 15' 41"W	199.07'
124 - 125	N00° 13' 41"W	54.00'
125 - 126	N00° 20' 04"W	105.50'
126 - 100	N89° 23' 49"E	33.00'

STATION & OFFSET TABLE		
POINT	STATION	OFFSET
100	114+88.20	0.00'
101	114+88.20	33.00'
102	113+88.27	33.15'
103	113+28.27	33.13'
104	108+98.42	33.21'
105	108+98.46	40.21'
106	106+18.46	40.26'
107	106+18.42	33.26'
108	105+19.11	33.28'
109	104+59.70	40.47'
110	103+38.88	40.52'
111	103+38.05	33.52'
112	101+62.98	33.60'
113	101+62.73	3.53'

STATION & OFFSET TABLE		
POINT	STATION	OFFSET
114	101+62.69	0.00'
115	101+62.37	-32.40'
116	104+50.93	-32.53'
117	105+11.49	-32.72'
118	106+61.36	-32.74'
119	105+60.55	-39.74'
120	109+85.57	-39.80'
121	109+86.40	-32.80'
122	110+69.43	-32.82'
123	111+29.43	-32.83'
124	113+28.50	-32.87'
125	113+82.50	-32.85'
126	114+88.00	-33.00'

STATION & OFFSET TABLE		
POINT	STATION	OFFSET
TLE100	114+10.45	33.11'
TLE101	114+10.46	38.11'
TLE102	113+93.30	38.14'
TLE103	113+93.41	55.89'
TLE104	113+88.42	55.92'
TLE105	113+28.40	54.40'
TLE106	113+23.40	54.43'
TLE107	113+23.30	38.13'
TLE108	113+03.89	38.14'
TLE109	113+03.89	33.14'
TLE110	112+66.38	33.14'
TLE111	112+66.39	49.10'
TLE112	112+26.38	49.10'
TLE113	112+26.38	33.15'
TLE114	112+04.67	33.16'
TLE115	112+04.67	46.00'
TLE116	111+64.67	46.00'

STATION & OFFSET TABLE		
POINT	STATION	OFFSET
TLE117	111+64.67	33.16'
TLE118	111+49.76	33.17'
TLE119	111+49.76	42.18'
TLE120	110+42.77	42.00'
TLE121	110+42.80	47.00'
TLE122	110+05.77	47.00'
TLE123	110+05.77	33.19'
TLE124	109+86.13	33.20'
TLE125	109+86.13	48.90'
TLE126	109+45.93	48.90'
TLE127	109+45.93	33.20'
TLE128	109+23.15	33.21'
TLE129	109+23.15	45.50'
TLE130	108+98.49	45.63'
TLE131	108+58.38	40.22'
TLE132	108+58.38	50.00'
TLE133	108+42.51	50.09'

STATION & OFFSET TABLE		
POINT	STATION	OFFSET
TLE134	108+42.46	40.22'
TLE135	108+04.48	40.23'
TLE136	108+04.48	49.99'
TLE137	107+86.51	50.09'
TLE138	107+86.46	40.23'
TLE139	107+45.17	40.24'
TLE140	107+45.17	49.99'
TLE141	107+30.51	50.07'
TLE142	107+30.46	40.24'
TLE143	106+87.50	40.25'
TLE144	106+87.50	50.00'
TLE145	106+74.51	49.99'
TLE146	106+74.46	40.25'
TLE147	106+04.68	40.27'
TLE148	106+04.68	33.27'
TLE149	105+44.88	33.28'
TLE150	105+44.88	38.28'

STATION & OFFSET TABLE		
POINT	STATION	OFFSET
TLE151	105+24.59	38.28'
TLE152	105+26.13	55.31'
TLE153	105+21.15	55.76'
TLE154	104+61.38	57.08'
TLE155	104+56.41	58.45'
TLE156	104+54.68	40.47'
TLE157	104+31.02	-32.52'
TLE158	104+31.02	-37.52'
TLE159	104+50.33	-37.53'
TLE160	105+08.55	-58.08'
TLE161	105+13.52	-58.65'
TLE162	105+15.95	-37.72'
TLE163	105+27.58	-37.72'
TLE164	105+27.58	-32.72'
TLE165	110+48.90	-32.82'
TLE166	110+48.90	-37.82'
TLE167	110+64.17	-37.82'

STATION & OFFSET TABLE		
POINT	STATION	OFFSET
TLE168	110+63.27	-55.24'
TLE169	110+68.27	-55.50'
TLE170	111+29.29	-61.78'
TLE171	111+34.29	-61.80'
TLE172	111+34.41	-37.83'
TLE173	111+69.36	-37.84'
TLE174	111+69.38	-32.84'
TLE175	112+88.77	-32.86'
TLE176	112+88.75	-37.86'
TLE177	113+09.58	-37.86'
TLE178	113+23.60	-55.27'
TLE179	113+28.60	-55.25'
TLE180	113+82.60	-55.03'
TLE181	113+87.60	-55.01'
TLE182	113+87.52	-37.85'
TLE183	114+10.48	-37.86'
TLE184	114+10.49	-32.89'

STRAND ASSOCIATES, INC. ®
910 WEST WINGRA DRIVE, MADISON, WI 53715
(608) 251-4843

I, HEATHER S. BARTELT PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT OF TRANSPORTATION I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN HEATHER S. BARTELT S-2797 MADISON WI LAND SURVEYOR

SIGNATURE: Heather Bartelt DATE: 1/31/25
PRINT NAME: HEATHER S. BARTELT
REGISTRATION NUMBER: S-2797

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE CITY OF RACINE

SIGNATURE: _____ DATE: 02/3/25
PRINT NAME: Jeff Hintz

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\RW\DWG\040101_RP.DWG
APPRAISAL PLAT DATE : 1/31/25
PLOT DATE : 1/31/2025 10:12 AM PLOT BY : BARTELT, HEATHER PLOT NAME :

TRANSPORTATION PROJECT PLAT NO: 2703-07-02-4.02

THAT PART OF LOTS 1, 2, 3, 4, 5, 6, 7, AND 8, BLOCK 17, AND PART OF LOTS 1, 2, 3, 6, 7, 9, 10, 11, AND 24, BLOCK 16, WILLIAM A. CRANE ADDITION, AND PART OF LOTS 1, 3, 4, 5, 6, AND 8, W.A. CRANE ADDITION OF BLOCK 1 BEING LOCATED IN AND INCLUDING OTHER LANDS IN THE SOUTHEAST 1/4 OF THE SOUTHWEST 1/4, AND THAT PART OF LOT 19, BLOCK 5 AND PART OF LOT 14, BLOCK 4, DOWNER AND COOK'S SUBDIVISION NO. 1, AND PART OF LOTS 13, 14, AND 15, BLOCK 5 AND PART OF LOTS 16 AND 18, BLOCK 4, ARTHUR EHRLICH'S WRIGHT AVENUE ADDITION, AND PART OF LOT 9 AND 15, BLOCK 4, RACINE REALTY CO'S ADDITION BEING LOCATED IN THE SOUTHWEST 1/4 OF THE SOUTHEAST 1/4, ALL IN SECTION 18, TOWNSHIP 3 NORTH, RANGE 23 EAST, CITY OF RACINE, RACINE COUNTY, WISCONSIN

RELOCATION ORDER LATHROP AVENUE (REPUBLIC AVENUE TO 13TH STREET) RACINE COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE CITY OF RACINE DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SUBSECTIONS 62.22, WISCONSIN STATUTES, THE CITY OF RACINE HEREBY ORDERS THAT:

1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE CITY FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE CITY OF RACINE, PURSUANT TO THE PROVISIONS OF SUBSECTION 62.22, WISCONSIN STATUTES.

FOUND MONUMENT TABLE			
POINT #	Y COORDS	X COORDS	IP TYPE
612	180371.301	628358.098	1" IP
613	180431.349	628357.485	1.5" RBR.
614	180591.003	628355.899	1.5" IP
615	180629.618	628219.641	1.25" IP
616	180689.951	628218.400	1" IP
617	180750.884	628354.683	1.25" IP
618	180891.078	628353.427	1.25" RBR
619	180931.503	628353.369	1" IP
620	180970.943	628352.904	1.25" IP
621	181010.883	628352.659	1.25" IP
622	181050.726	628352.183	1" IP BENT SW
623	181091.083	628352.134	1" IP

FOUND MONUMENT TABLE			
POINT #	Y COORDS	X COORDS	IP TYPE
624	181230.391	628213.346	1.25" IP
625	181411.030	628349.221	0.5" RBR.
626	181450.938	628349.081	1" IP
627	181491.031	628348.738	0.75" RBR.
628	181530.878	628348.041	1.25" IP
648	181637.809	628453.723	2" PVC
649	181413.156	628415.635	1.25" IP
650	181358.984	628416.080	1" IP
651	181093.895	628418.261	1" IP
652	181035.331	628418.900	0.5" RBR.
653	180985.359	628419.157	1" IP
654	180932.120	628419.849	1.25" IP

FOUND MONUMENT TABLE			
POINT #	Y COORDS	X COORDS	IP TYPE
655	180886.674	628419.751	
656	180801.782	628420.537	1" IP
657	180746.835	628420.899	1" IP
658	180693.109	628549.286	1" IP

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, RACINE COUNTY, NAD83(2011), IN U.S. SURVEY FEET. VALUES ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

ALL NEW RIGHT-OF-WAY MONUMENTS WIL BE TYPE 2 (TYPICALLY 3/4" X 24" IRON REBARS) UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, RECORDED IN THE OFFICE OF REGISTER OF DEEDS IN RACINE COUNTY AS SHEET 2 OF 2 OF DOCUMENT 2694877.

FOR CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE CITY OF RACINE.

FOUND MONUMENT INFORMATION SHOWN REPRESENTS TYPE AND LOCATION OF EXISTING MONUMENTS WITHOUT OPINION AS TO THEIR VALIDITY AND USE AS A PROPERTY CORNER.

SCHEDULE OF LANDS & INTERESTS REQUIRED

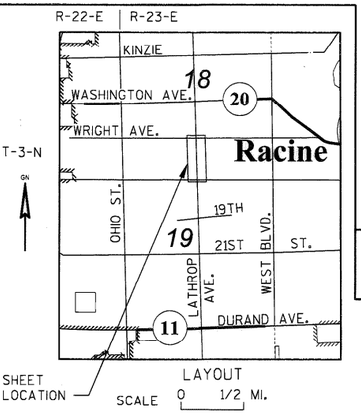
OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE CITY

PARCEL NUMBER	TAX ID.	OWNERS	INTERESTS REQUIRED	R/W S.F REQUIRED NEW	EXISTING	TOTAL	TLE S.F.
8	276000011563000	CITY OF RACINE	FEE,TLE	48	---	48	242
24	276000012815000	GLORIA J. BRIGGS	TLE	---	---	---	849
26	276000012814000	JAMES R. STRATMAN & DARLENE M. STRATMAN	TLE	---	---	---	902
27	276000012812002	RICKY McMORRIS & JOANN McMORRIS	TLE	---	---	---	600
28	276000012812000	CHAVEZ D. SHANNON HAYES	TLE	---	---	---	600
29	276000012810000	WILLIAM J. MOSKONAS & CAROLYN L. MOSKONAS	TLE	---	---	---	800
31	276000012809000	STEPHANIE L. HAMILTON	FEE,TLE	50	---	50	291
32	276000012751000	LONGFIELD INVESTMENTS, LLC	FEE,TLE	50	---	50	267
33	276000012749000	LUIS FERNANDO DE LA CRUZ	TLE	---	---	---	541
34	276000012747000	K6 GROUP, LLC	TLE	---	---	---	468
36	276000012746000	FRANKLIN HOMES, LLC	TLE	---	---	---	431
37	276000012743000	MARK E. & NANCY L. BALCER	TLE	---	---	---	478
38	276000012742000	LEE A. LAITINEN	TLE	---	---	---	484
39	276000012740000	TODD JENSEN & JADE JENSEN	TLE	---	---	---	474
41	276000012741000	ESTATE OF RAYMOND L. DEFORD	TLE	---	---	---	528
42	276000010558000	JEFFREY M. CALLEWAERT	TLE	---	---	---	179
43	276000010556000	MICHAEL JAKUBOSKY	TLE	---	---	---	240
44	276000010555000	KYLE JACOB & SHANA JACOB	TLE	---	---	---	240
46	276000010554000	RICHARD HINTZ	TLE	---	---	---	239
47	276000010553000	DAMON MICELI	TLE	---	---	---	142
48	276000010551000	PATRICK J. CRONIN	TLE	---	---	---	171
49	276000010568001	KOLSTEDT PROPERTIES LLC.	TLE	---	---	---	546
51	276000011319000	1405 LATHROP INVESTMENTS, LLC.	TLE	---	---	---	192
52	276000011324000	CHARLES M. & SHARON A. VAN KONINGSVELD	TLE	---	---	---	113
53	276000011381003	PATRICIA A. MOORE, ADAM I MOORE & SARA G. MOORE	TLE	---	---	---	680
54	276000011527000	AUSTING G. SALAS & SPRING SALAS	TLE	---	---	---	725
56	276000011526000	HEIDI A. GEHRKE	TLE	---	---	---	114
57	276000011235006	ERACLIO MUNOZ	FEE,TLE	47	---	47	243

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTERESTS REQUIRED
200	AT&T WISCONSIN	RELEASE OF RIGHTS

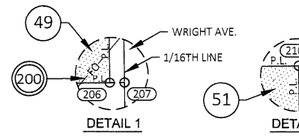
(200) AT&T WISCONSIN NO RECORDED EASEMENT PARCEL 49



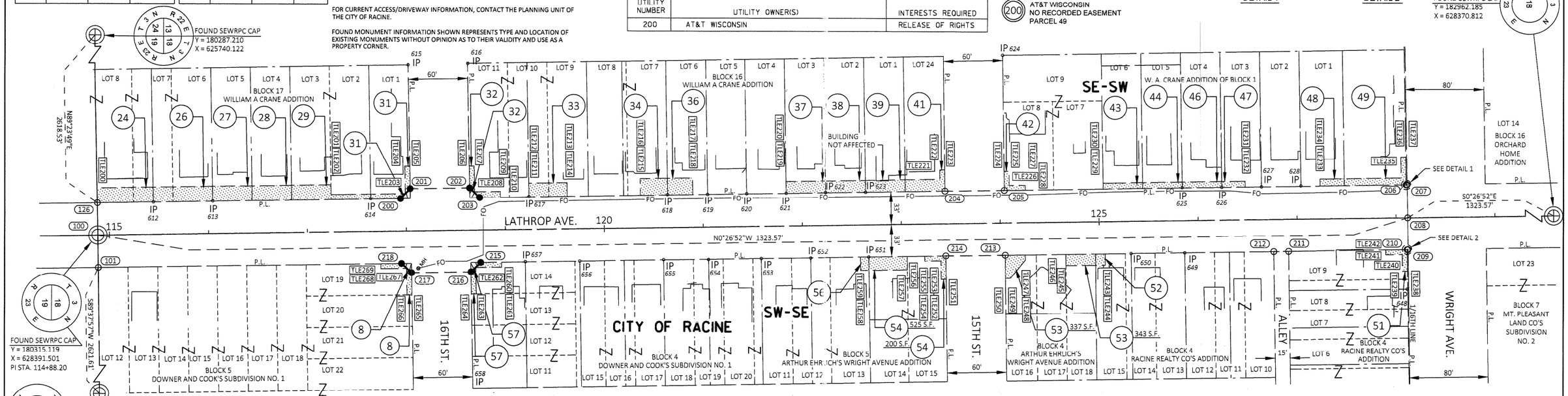
Document # 2696779
RACINE COUNTY REGISTER OF DEEDS
March 18, 2025 1:31 PM
Karie Pope
KARIE POPE
RACINE COUNTY
REGISTER OF DEEDS
Fee Amount: $25.00
Pages: 1

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 2703-07-02-4.02

GN
SCALE, FEET
0 50 100



FOUND SEWRPC CAP
Y = 182962.185
X = 628370.812



COURSE TABLE		
COURSE	BEARING	DISTANCE
100 - 126	S89° 23' 49"W	33.00'
126 - 200	N00° 26' 52"W	306.35'
200 - 201	N45° 41' 30"W	14.09'
201 - 202	N00° 26' 04"W	60.00'
202 - 203	N44° 15' 06"E	14.18'
203 - 204	N00° 28' 39"W	470.15'
204 - 205	N00° 28' 39"W	60.00'
205 - 206	N00° 28' 39"W	406.13'
206 - 207	N00° 31' 28"W	0.97'

COURSE TABLE		
COURSE	BEARING	DISTANCE
207 - 208	N89° 25' 52"E	33.51'
208 - 209	N89° 36' 17"E	32.49'
209 - 210	S00° 31' 28"E	0.93'
210 - 211	S00° 28' 39"E	119.89'
211 - 212	S00° 28' 39"E	15.00'
212 - 213	S00° 28' 39"E	271.32'
213 - 214	S00° 28' 39"E	60.00'
214 - 215	S00° 28' 39"E	470.09'
215 - 216	S44° 09' 46"E	13.70'
216 - 217	S00° 26' 04"E	60.00'
217 - 218	S42° 35' 57"W	13.82'
218 - 101	S00° 26' 52"E	306.37'
101 - 100	S89° 37' 57"W	33.00'

STATION & OFFSET TABLE		
POINT	STATION	OFFSET
101	114+88.20	33.00'
126	114+88.00	-33.00'
200	117+94.46	-33.00'
201	118+04.38	-43.01'
202	118+64.39	-42.99'
204	123+44.61	-33.26'
205	124+04.61	-33.29'
206	128+10.74	-33.51'
207	128+11.71	-33.51'
208	128+11.78	0.00'
209	128+11.75	32.49'
210	128+10.82	32.49'
211	126+90.93	32.56'

STATION & OFFSET TABLE		
POINT	STATION	OFFSET
212	126+75.93	32.56'
213	124+04.61	32.71'
214	123+44.61	32.74'
215	118+74.52	32.98'
216	118+64.62	42.45'
217	118+04.62	42.43'
218	117+94.52	33.00'
TLE200	114+87.91	-48.00'
TLE201	117+24.46	-48.06'
TLE202	117+24.46	-38.00'
TLE203	117+99.40	-38.00'
TLE204	117+99.32	-66.02'
TLE205	118+04.32	-66.03'

STATION & OFFSET TABLE		
POINT	STATION	OFFSET
TLE206	118+64.32	-65.18'
TLE207	118+69.32	-65.20'
TLE208	118+69.40	-39.02'
TLE209	118+95.44	-39.03'
TLE210	118+95.44	-33.03'
TLE211	119+24.24	-33.05'
TLE212	119+24.24	-47.05'
TLE213	119+62.87	-47.07'
TLE214	119+62.88	-33.07'
TLE215	120+36.91	-33.10'
TLE216	120+36.90	-50.10'
TLE217	120+89.81	-50.13'
TLE218	120+89.82	-33.13'

STATION & OFFSET TABLE		
POINT	STATION	OFFSET
TLE219	121+84.25	-33.18'
TLE220	121+84.24	-45.18'
TLE221	123+39.63	-45.25'
TLE222	123+39.65	-54.76'
TLE223	123+44.65	-54.75'
TLE224	124+04.64	-52.83'
TLE225	124+09.64	-52.82'
TLE226	124+09.62	-38.30'
TLE227	124+25.84	-38.31'
TLE228	124+25.84	-33.31'
TLE229	125+04.50	-33.35'
TLE230	125+04.50	-39.35'
TLE231	126+48.06	-39.42'

STATION & OFFSET TABLE		
POINT	STATION	OFFSET
TLE232	126+48.06	-33.42'
TLE233	127+23.82	-33.46'
TLE234	127+23.73	-40.46'
TLE235	128+05.73	-40.56'
TLE236	128+05.71	-61.82'
TLE237	128+10.71	-61.82'
TLE238	128+10.84	54.34'
TLE239	128+05.84	54.35'
TLE240	128+05.82	37.50'
TLE241	127+89.29	37.51'
TLE242	127+89.29	32.51'
TLE243	125+05.64	32.65'
TLE244	125+05.65	44.15'

STATION & OFFSET TABLE		
POINT	STATION	OFFSET
TLE245	124+65.90	44.09'
TLE246	124+65.91	32.67'
TLE247	124+25.02	32.69'
TLE248	124+25.02	37.69'
TLE249	124+09.57	56.18'
TLE250	124+04.57	56.17'
TLE251	123+44.57	56.50'
TLE252	123+39.57	56.49'
TLE253	123+39.60	37.74'
TLE254	123+23.32	37.75'
TLE255	123+23.31	32.75'
TLE256	123+05.54	32.76'
TLE257	123+05.54	46.30'

STATION & OFFSET TABLE		
POINT	STATION	OFFSET
TLE258	122+58.37	46.32'
TLE259	122+58.36	32.78'
TLE260	118+95.64	32.97'
TLE261	118+95.64	37.97'
TLE262	118+69.61	37.98'
TLE263	118+69.68	64.92'
TLE264	118+64.68	64.92'
TLE265	118+04.68	65.00'
TLE266	117+99.68	65.01'
TLE267	117+99.61	38.00'
TLE268	117+73.76	38.00'
TLE269	117+73.76	33.00'

HIGHWAY	HISTORICAL BASIS OF R/W	YEAR	WIDTH
LATHROP AVE	ORCHARD HOME ADDITION	1893	33'
	MT. PLEASANT LAND CO'S SUBDIVISION NO. 2	1894	33'
	W.A CRANE ADDITION OF BLOCK 1	1927	33'
	WILLIAM A CRANE ADDITION	1914	33'
	DOWNER AND COOK'S SUBDIVISION NO.1	1897	33
	ARTHUR AND EHRLICH'S WRIGHT AVENUE ADDITION	1915	33'
	RACINE REALTY CO'S ADDITION	1898	33'
16TH ST.	WILLIAM A. CRANE ADDITION	1914	20'
	MT. PLEASANT LAND CO'S SUBDIVISION NO. 1	1897	60'
15TH ST.	ARTHUR EHRLICH'S WRIGHT AVENUE ADDITION	1915	60'
	W. A CRANE ADDITION OF BLOCK 1	1927	60'
	WILLIAM A. CRANE ADDITION	1914	20'
WRIGHT AVE.	ORCHARD HOME ADDITION	1913	80'
	MT. PLEASANT LAND CO'S SUBDIVISION	1894	80'
	RACINE REALTY CO'S ADDITION	1898	80'
	W. A CRANE ADDITION OF BLOCK 1	1927	80'

STRAND ASSOCIATES, INC. ®
910 WEST WINGRA DRIVE, MADISON, WI 53715
(608) 251-4843

I, HEATHER S. BARTELT PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE CITY OF RACINE I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN HEATHER S. BARTELT S-2797 MADISON WI LAND SURVEYOR

SIGNATURE: Heather Bartelt DATE: 2/19/25
PRINT NAME: HEATHER S. BARTELT
REGISTRATION NUMBER: S-2797

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE CITY OF RACINE

SIGNATURE: _____ DATE: 03/17/2025
PRINT NAME: JEFF HINTZ

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\RW\DWG\040101_RP.DWG
APPRAISAL PLAT DATE : 2/19/25
PLOT DATE : 2/19/2025 8:01 AM
PLOT BY : BARTELT, HEATHER
PLOT NAME :

Vol 1 Pg 359

TRANSPORTATION PROJECT PLAT NO: 2703-07-02-4.03

THAT PART OF LOTS 1, 2, 4, 5, 6, 8, 9, 10, 11, 12, AND 14, BLOCK 16 AND PART OF LOTS 1, 18, 23, 24, AND 28 BLOCK 1, ORCHARD HOME ADDITION BEING LOCATED IN THE NORTHEAST 1/4 OF THE SOUTHWEST 1/4, AND THAT PART OF LOTS 2, 22, AND 23, BLOCK 7 AND PART OF LOT 28, BLOCK 6, MT. PLEASANT LAND CO'S SUBDIVISION NO. 2 BEING LOCATED IN THE NORTHWEST 1/4 OF THE SOUTHEAST 1/4 ALL IN SECTION 18, TOWNSHIP 3 NORTH, RANGE 23 EAST, CITY OF RACINE, RACINE COUNTY, WISCONSIN

RELOCATION ORDER LATHROP AVENUE (REPUBLIC AVENUE TO 13TH STREET) RACINE COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE CITY OF RACINE DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SUBSECTIONS 62.22, WISCONSIN STATUTES, THE CITY OF RACINE HEREBY ORDERS THAT:

1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE CITY FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE CITY OF RACINE, PURSUANT TO THE PROVISIONS OF SUBSECTION 62.22, WISCONSIN STATUTES.

FOUND MONUMENT TABLE			
POINT #	Y COORDS	X COORDS	IP TYPE
629	181932.491	628345.221	1.25" IP
630	182012.642	628344.367	1" IP
631	182292.494	628342.233	1.5" IP
632	182291.217	628204.374	1" IP
634	182919.795	628333.055	CHIS. X
636	182672.407	628405.697	1" IP
638	182612.356	628406.309	1" IP
639	182552.547	628406.754	1" IP
640	182502.626	628407.294	1" IP

FOUND MONUMENT TABLE			
POINT #	Y COORDS	X COORDS	IP TYPE
641	182452.476	628406.954	1" IP
642	182293.220	628408.753	1.5" RBR.
643	182094.474	628409.959	1" IP
644	182053.062	628410.275	1" IP
645	181973.129	628410.838	1" IP
646	181933.056	628411.390	1.25" IP
648	181637.809	628453.723	2" PVC
10552	182804.066	628338.446	CHIS. X

SCHEDULE OF LANDS & INTERESTS REQUIRED

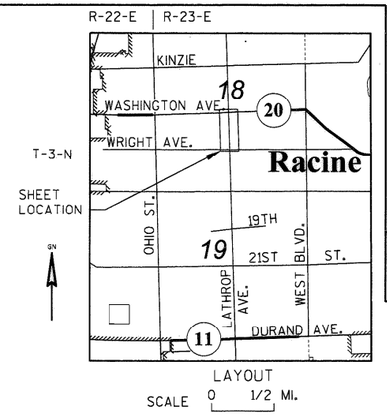
OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE CITY

PARCEL NUMBER	TAX ID.	OWNERS	INTERESTS REQUIRED	R/W NEW	S.F REQUIRED EXISTING	S.F REQUIRED TOTAL	TLE S.F.
59	276000012723000	J. I. PROPERTIES, LLC	TLE	---	---	---	516
61	276000012722000	BRUCE W. TRIPPLETT & DAWN M. TRIPPLETT	TLE	---	---	---	240
62	276000012721000	TIMOTHY R. KELLY	TLE	---	---	---	240
63	276000012720000	BETTY K. CLARKE	TLE	---	---	---	241
64	276000012719000	RICHARD O. & ELEANORE J. BECKER LIVING TRUST	TLE	---	---	---	143
66	276000012717000	RYAN L. VENTURA	TLE	---	---	---	299
67	276000012716000	STEVEN J. MUTCHIE & TERRY S. SCHEIT	TLE	---	---	---	695
68	276000012715000	RACHEL R. AREBALO	TLE	---	---	---	442
69	276000012713000	GORDIAN 2020, LLC	TLE	---	---	---	387
71	276000010529000	SECOND MISSIONARY BAPTIST CHURCH	TLE	---	---	---	187
72	276000010538000	ARB ENTERPRISES, LLP	TLE	---	---	---	460
73	276000010538020	CMJ GROUP, LLC	TLE	---	---	---	249
74	276000010511000	EKMAN MOTORS, LLC	TLE	---	---	---	227
76	276000011650000	MARIA DEL CARMEN AMPARAN	TLE	---	---	---	154
77	276000011849000	MOLLY A. ROCKHILL	TLE	---	---	---	158
78	276000011869000	PETER R. JENSEN	TLE	---	---	---	79
79	276000011870000	JALIL M. MIAN	TLE	---	---	---	1032

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTERESTS REQUIRED
200	AT&T WISCONSIN	RELEASE OF RIGHTS

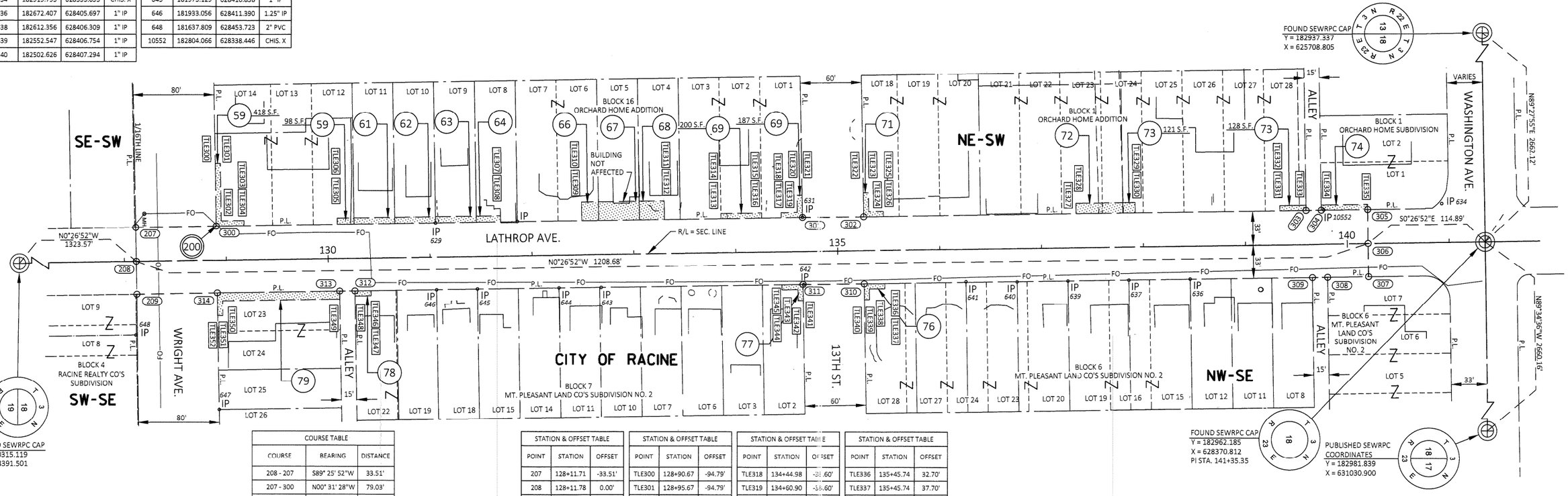
(200) AT&T WISCONSIN
NO RECORDED EASEMENT
PARCEL 59



Document # 2696786
RACINE COUNTY REGISTER OF DEEDS
March 18, 2025 1:38 PM
Karie Pope
KARIE POPE
RACINE COUNTY
REGISTER OF DEEDS
Fee Amount: $25.00
Pages: 1

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 2703-07-02-4.03

GN
SCALE, FEET
0 50 100



COURSE TABLE		
COURSE	BEARING	DISTANCE
208 - 207	S89° 25' 52"W	33.51'
207 - 300	N00° 31' 28"W	79.03'
300 - 301	N00° 26' 49"W	575.16'
301 - 302	N00° 09' 08"W	60.00'
302 - 303	N00° 27' 06"W	434.09'
303 - 304	N00° 27' 06"W	15.00'
304 - 305	N00° 27' 06"W	45.46'
305 - 306	N89° 32' 54"E	33.33'
306 - 307	N89° 32' 54"E	32.67'
307 - 308	S00° 27' 06"E	40.19'
308 - 309	S00° 27' 06"E	15.00'
309 - 310	S00° 27' 06"E	439.82'
310 - 311	S00° 09' 08"E	60.00'
311 - 312	S00° 26' 49"E	439.62'
312 - 313	S00° 26' 49"E	15.00'
313 - 314	S00° 26' 49"E	120.00'
314 - 209	S00° 31' 28"E	79.07'
209 - 208	S89° 36' 17"W	32.49'

STATION & OFFSET TABLE		
POINT	STATION	OFFSET
207	128+11.71	-33.51'
208	128+11.78	0.00'
209	128+11.75	32.49'
300	128+90.74	-33.61'
301	134+65.90	-33.60'
302	135+25.90	-33.29'
303	139+60.00	-33.32'
304	139+75.00	-33.33'
305	140+20.45	-33.33'
306	140+20.46	0.00'
307	140+20.46	32.67'
308	139+80.26	32.67'
309	139+65.26	32.67'
310	135+25.44	32.71'
311	134+65.44	32.40'
312	130+25.82	32.39'
313	130+10.82	32.39'
314	128+90.82	32.39'

STATION & OFFSET TABLE		
POINT	STATION	OFFSET
TLE300	128+90.67	-94.79'
TLE301	128+95.67	-94.79'
TLE302	128+95.73	-38.61'
TLE303	129+18.08	-38.61'
TLE304	129+18.08	-33.61'
TLE305	130+09.54	-33.61'
TLE306	130+09.54	-39.61'
TLE307	131+69.68	-39.61'
TLE308	131+69.78	-33.61'
TLE309	132+49.38	-33.61'
TLE310	132+49.38	-51.61'
TLE311	133+30.52	-51.61'
TLE312	133+30.52	-33.61'
TLE313	133+85.94	-33.61'
TLE314	133+85.94	-38.61'
TLE315	134+25.92	-38.60'
TLE316	134+25.92	-33.60'
TLE317	134+44.98	-33.60'

STATION & OFFSET TABLE		
POINT	STATION	OFFSET
TLE318	134+44.98	-38.60'
TLE319	134+60.90	-56.60'
TLE320	134+60.87	-51.04'
TLE321	134+65.87	-55.05'
TLE322	135+25.87	-56.30'
TLE323	135+30.87	-51.31'
TLE324	135+30.90	-38.30'
TLE325	135+45.38	-38.30'
TLE326	135+45.38	-51.30'
TLE327	137+34.33	-38.31'
TLE328	137+34.33	-45.31'
TLE329	137+92.47	-45.31'
TLE330	137+92.47	-38.31'
TLE331	139+34.30	-38.32'
TLE332	139+34.30	-38.32'
TLE333	139+60.00	-38.32'
TLE334	139+75.00	-38.33'
TLE335	140+20.45	-38.33'

STATION & OFFSET TABLE		
POINT	STATION	OFFSET
TLE336	135+45.74	32.70'
TLE337	135+45.74	37.70'
TLE338	135+30.45	37.70'
TLE339	135+30.45	48.22'
TLE340	135+25.45	48.23'
TLE341	134+65.45	48.25'
TLE342	134+60.45	48.25'
TLE343	134+60.45	37.40'
TLE344	134+44.66	37.40'
TLE345	134+44.66	32.40'
TLE346	130+41.67	32.39'
TLE347	130+41.67	37.39'
TLE348	130+25.82	37.41'
TLE349	130+10.83	40.39'
TLE350	128+95.83	40.39'
TLE351	128+95.85	54.81'
TLE352	128+90.85	54.81'

HIGHWAY	HISTORICAL BASIS OF R/W	YEAR	WIDTH
LATHROP AVE	ORCHARD HOME SUBDIVISION	1893	33'
	ORCHARD HOME ADDITION	1913	33'
	MT. PLEASANT LAND CO'S SUBDIVISION	1894	33'
WASHINGTON AVE.	ORCHARD HOME SUBDIVISION	1893	33'
	MT. PLEASANT LAND CO'S SUBDIVISION	1894	33'
13TH ST.	ORCHARD HOME ADDITION	1893	60'
	MT. PLEASANT LAND CO'S SUBDIVISION	1894	60'
WRIGHT AVE.	ORCHARD HOME ADDITION	1913	80'
	MT. PLEASANT LAND CO'S SUBDIVISION	1894	80'
	RACINE REALTY CO'S SUBDIVISION	1898	80'
	W. A CRANE ADDITION OF BLOCK 1	1927	80'

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, RACINE COUNTY, NAD83(2011), IN U.S. SURVEY FEET. VALUES ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

ALL NEW RIGHT-OF-WAY MONUMENTS WIL BE TYPE 2 (TYPICALLY 3/4" X 24" IRON REBARS) UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, RECORDED IN THE OFFICE OF REGISTER OF DEEDS IN RACINE COUNTY AS SHEET 2 OF 2 OF DOCUMENT 2694877.

FOR CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE CITY OF RACINE.

FOUND MONUMENT INFORMATION SHOWN REPRESENTS TYPE AND LOCATION OF EXISTING MONUMENTS WITHOUT OPINION AS TO THEIR VALIDITY AND USE AS A PROPERTY CORNER.

STRAND ASSOCIATES, INC. ®
910 WEST WINGRA DRIVE, MADISON, WI 53715
(608) 251-4843

I, HEATHER S. BARTELT PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE CITY OF RACINE I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

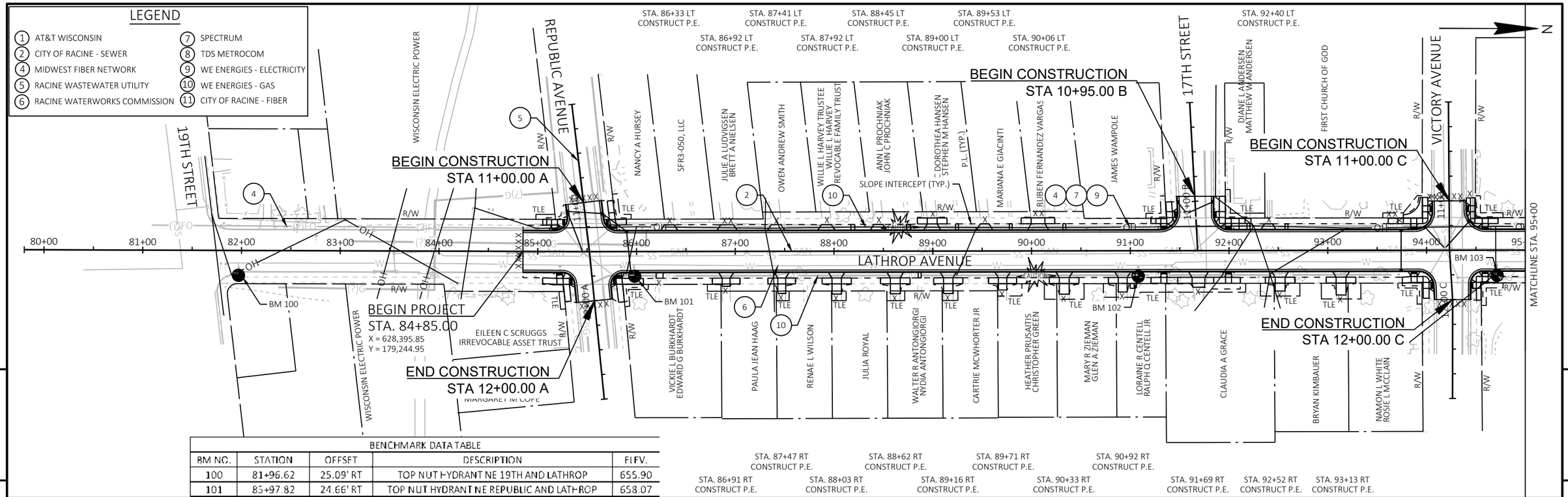
WISCONSIN HEATHER S. BARTELT S-2797 MADISON WI LAND SURVEYOR

SIGNATURE: Heather Bartelt DATE: 2/19/25
PRINT NAME: HEATHER S. BARTELT
REGISTRATION NUMBER: S-2797

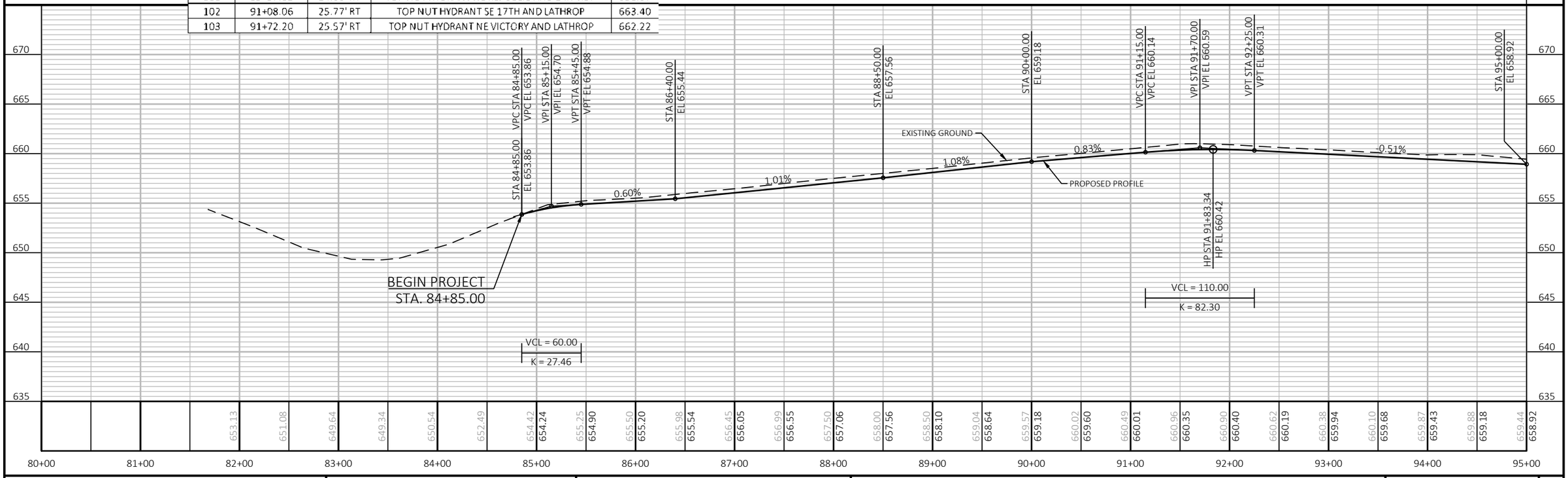
THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE CITY OF RACINE

SIGNATURE: _____ DATE: 03/17/2025
PRINT NAME: JEFF HINTZ

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\RW\DWG\040101_RP.DWG
APPRAISAL PLAT DATE : 2/19/25
PLOT DATE : 2/19/2025 8:02 AM
PLOT BY : BARTELT, HEATHER
PLOT NAME :

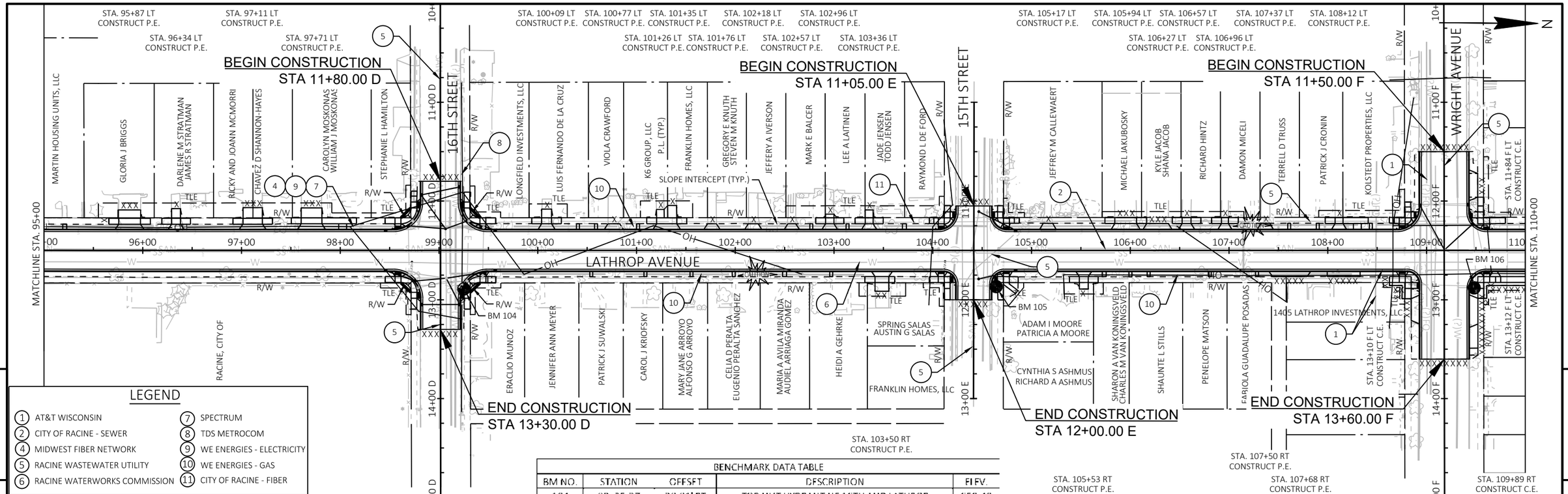


BENCHMARK DATA TABLE				
BM NO.	STATION	OFFSET	DESCRIPTION	ELEV.
100	81+96.62	25.09' RT	TOP NUT HYDRANT NE 19TH AND LATHROP	655.90
101	85+97.82	24.66' RT	TOP NUT HYDRANT NE REPUBLIC AND LATHROP	658.07
102	91+08.06	25.77' RT	TOP NUT HYDRANT SE 17TH AND LATHROP	663.40
103	91+72.20	25.57' RT	TOP NUT HYDRANT NE VICTORY AND LATHROP	662.22



PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	PLAN AND PROFILE: LATHROP AVENUE	SHEET 138 E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\050101-PP.DWG
LAYOUT NAME - 050101-pp
PLOT DATE : 7/28/2026 11:02 AM PLOT BY : WRIGHT, BRANDON PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

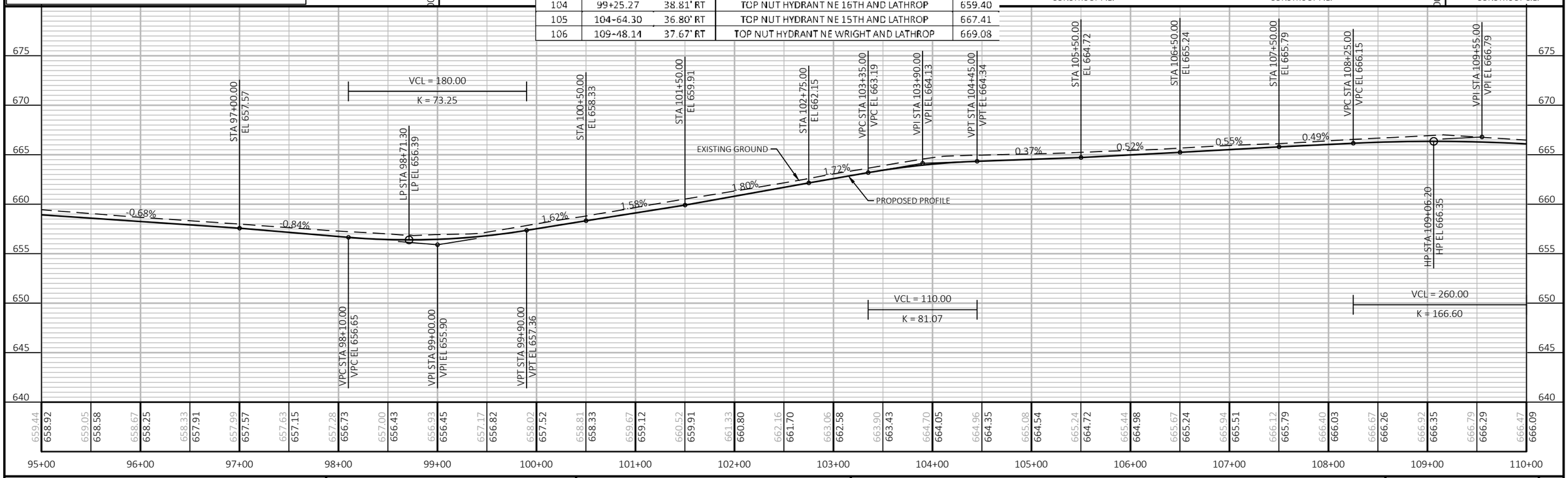


LEGEND

1. AT&T WISCONSIN
2. CITY OF RACINE - SEWER
4. MIDWEST FIBER NETWORK
5. RACINE WASTEWATER UTILITY
6. RACINE WATERWORKS COMMISSION
7. SPECTRUM
8. TDS METROCOM
9. WE ENERGIES - ELECTRICITY
10. WE ENERGIES - GAS
11. CITY OF RACINE - FIBER

BENCHMARK DATA TABLE

BM NO.	STATION	OFFSET	DESCRIPTION	ELEV.
104	99+25.27	38.81' RT	TOP NUT HYDRANT NE 16TH AND LATHROP	659.40
105	104+64.30	36.80' RT	TOP NUT HYDRANT NE 15TH AND LATHROP	667.41
106	109+48.14	37.67' RT	TOP NUT HYDRANT NE WRIGHT AND LATHROP	669.08

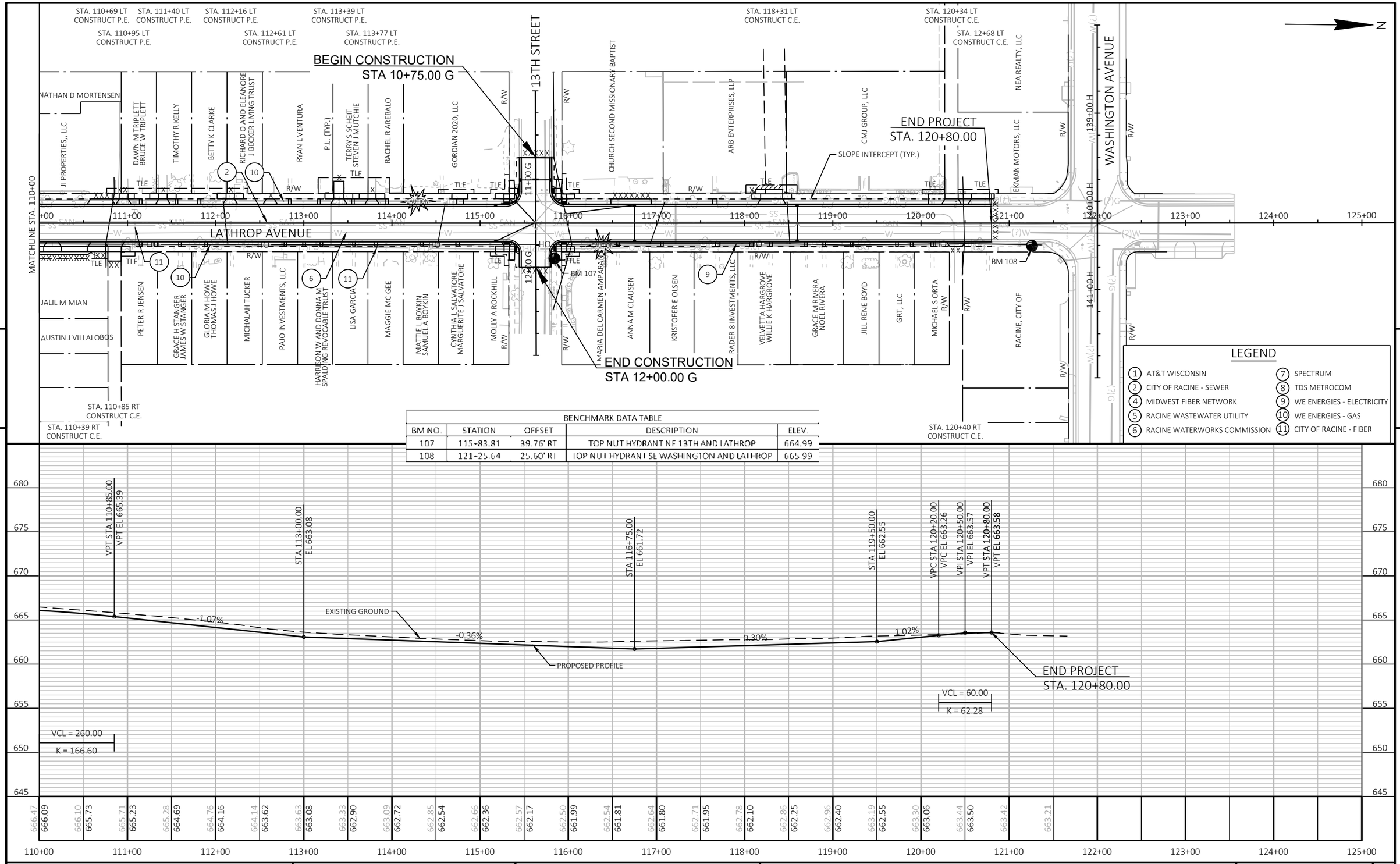


PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	PLAN AND PROFILE: LATHROP AVENUE	SHEET 139 E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\050101-PP.DWG
LAYOUT NAME - 050102-pp

PLOT DATE : 7/28/2026 11:02 AM PLOT BY : WRIGHT, BRANDON PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44



BENCHMARK DATA TABLE				
BM NO.	STATION	OFFSET	DESCRIPTION	ELEV.
107	115+83.81	39.76' RT	TOP NUT HYDRANT NE 13TH AND LATHROP	664.99
108	121+25.64	25.60' RT	TOP NUT HYDRANT SE WASHINGTON AND LATHROP	665.99

PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	PLAN AND PROFILE: LATHROP AVENUE	SHEET 140	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\050101-PP.DWG
LAYOUT NAME - 050103-pp
PLOT DATE : 7/28/2026 11:02 AM
PLOT BY : WRIGHT, BRANDON
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

Standard Detail Drawing List

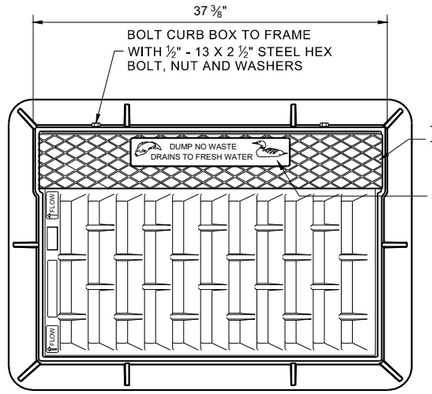
08A05-22A	INLET COVERS TYPE A, H, A-S, H-S AND Z
08C06-03	INLETS 3-FT AND 4-FT DIAMETER
08C07-03	INLETS 2X2-FT, 2X2.5-FT, 2X3-FT, 2.5X3-FT & 2X3.5-FT
08D01-24A	CONCRETE CURB AND GUTTER
08D01-24B	CONCRETE CURB, TIES AND CURB AND GUTTER APPLICATIONS
08D05-23A	CURB RAMPS TYPES 1 AND 1-A
08D05-23B	CURB RAMPS TYPES 2 AND 3
08D05-23C	CURB RAMPS TYPES 4A AND 4A1
08D05-23D	CURB RAMPS TYPES 4B AND 4B1
08D05-23E	CURB RAMPS TYPES 5, 6, 7A, 7B & 8
08D05-23F	CURB RAMPS RADIAL DETECTABLE WARNING FIELD
08D05-23G	CURB RAMPS RECTANGULAR AND RADIAL DETECTABLE WARNING PLATES
08E10-02	INLET PROTECTION TYPES A, B, C AND D
08E14-01	TRACKING PAD
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
09D01-05	CABINET SERVICE INSTALLATION (METER BREAKER PEDESTAL)
09D02-03	SIGNAL CONTROL CABINET
09E01-17A	POLE MOUNTINGS FOR TRAFFIC SIGNALS TYPE 2
09E01-17C	POLE MOUNTINGS FOR TRAFFIC SIGNALS AND LIGHTING UNITS, TYPE 4
09E01-17G	HARDWARE DETAILS FOR POLE MOUNTING
09E03-06	NON-FREEWAY LIGHTING UNIT POLE WIRING
09E07-06	TRAFFIC SIGNAL STANDARD PEDESTRIAN AND FLASHER TYPICAL MOUNTING DETAILS
09E08-11A	TYPE 9 POLE 15'-30' MONOTUBE ARM
09E08-11E	TYPE 10 POLE 15'-30' MONOTUBE ARM
09E08-11K	GENERAL NOTES AND HARDWARE FOR TYPES 9, 10, 9/10 SPECIAL,12 AND13 POLES WITH MONOTUBE ARMS
13C01-19	CONCRETE PAVEMENT LONGITUDINAL JOINTS AND TIES
13C13-11	URBAN DOWELED CONCRETE PAVEMENT
13C18-08A	CONCRETE PAVEMENT JOINTING
13C18-08B	CONCRETE PAVEMENT STEEL REINFORCEMENT
13C18-08C	CONCRETE PAVEMENT JOINT TYPES
13C18-08D	CONCRETE PAVEMENT JOINTING AT UTILITY FIXTURES
13C18-08F	CONCRETE PAVEMENT INTERSECTION BOXOUT FOR INTEGRAL CURB AND GUTTER
15C02-10A	BARRICADES AND SIGNS FOR MAINLINE CLOSURES
15C02-10B	BARRICADES AND SIGNS FOR VARIOUS CLOSURES
15C02-10C	DETOUR SIGNING FOR MAINLINE CLOSURES
15C03-05	BARRICADES AND SIGNS FOR SIDEROAD CLOSURES
15C05-05	TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40 M.P.H. OR LESS TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC
15C07-16A	PAVEMENT MARKING SYMBOLS
15C07-16B	PAVEMENT MARKING WORDS
15C07-16C	PAVEMENT MARKING ARROWS
15C07-16E	PAVEMENT MARKING FOR BIKE LANES
15C08-24A	PERMANENT LONGITUDINAL PAVEMENT MARKINGS
15C08-24B	TEMPORARY LONGITUDINAL PAVEMENT MARKING
15C08-24C	PAVEMENT MARKING (TURN LANES)
15C08-24D	PAVEMENT MARKING (TURN LANES)
15C11-11B	CHANNELIZING DEVICES DRUMS, CONES, BARRICADES AND VERTICAL PANELS
15C12-09A	TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION
15C12-09B	TRAFFIC CONTROL, LANE CLOSURE WITH AUTOMATED FLAGGER ASSISTANCE DEVICE
15C18-09A	MEDIAN ISLAND PAVEMENT MARKINGS
15C29-08A	BICYCLE LANE MARKING
15C33-05	STOP LINE AND CROSSWALK PAVEMENT MARKING
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

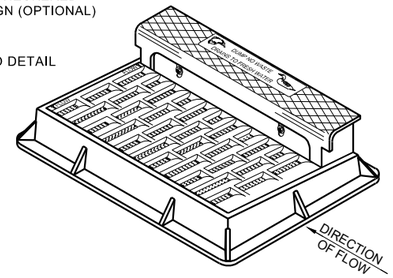
Standard Detail Drawing List

15D30-12J	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-12K	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-12L	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D40-08A	TRAFFIC CONTROL, FULL LANE SHIFT NON-FREEWAY/EXPRESSWAY OR MULTILANE DIVIDED 45 MPH AND UNDER
15D40-08C	TRAFFIC CONTROL, PARTIAL LANE SHIFT NON-FREEWAY/EXPRESSWAY OR MULTILANE DIVIDED 45 MPH AND UNDER
15D46-01	TRAFFIC CONTROL, ONE - WAY SIGNING
16A02-01	GEODETIC SURVEY MONUMENT

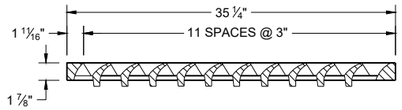
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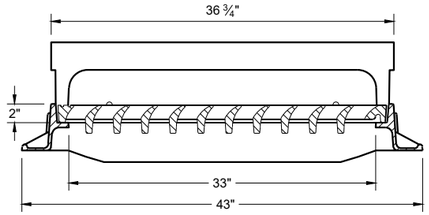


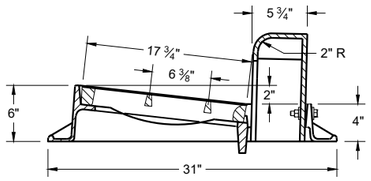
NOTE: EITHER CASTING IS ACCEPTABLE

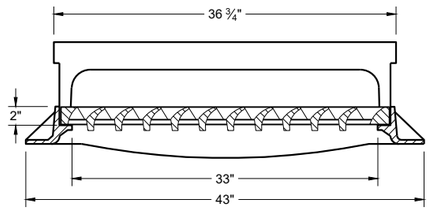


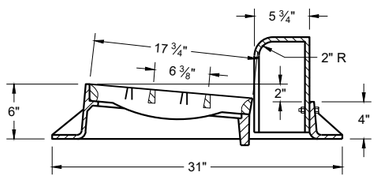
NOTE: CURB BOX HEIGHT ADJUSTABLE 6" - 9"







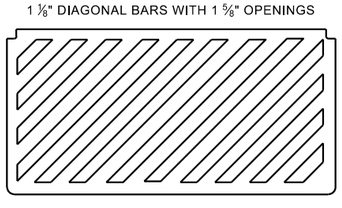




TYPE "H"

NOTE: EITHER CASTING IS ACCEPTABLE

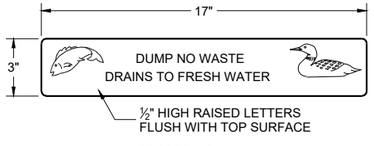
1 ⅛" DIAGONAL BARS WITH 1 ⅝" OPENINGS



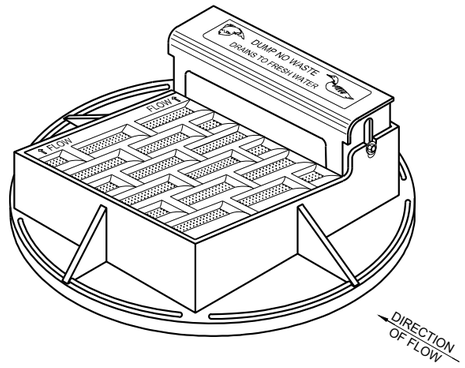
SPECIAL GRATE FOR TYPE "H" COVER

(MEASURES 35" X 17 ¾" X 2")

(NOTED AS TYPE H-S ON DRAINAGE TABLE)

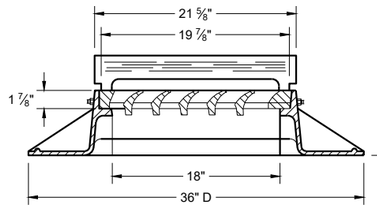


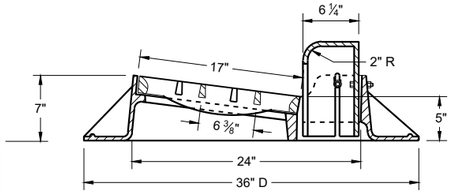
LOGO DETAIL



NOTE: CURB BOX HEIGHT ADJUSTABLE 6" - 9"

NOTE: EITHER CASTING IS ACCEPTABLE





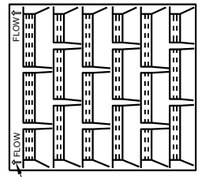
TYPE "A"

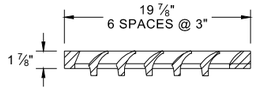
GENERAL NOTES

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.

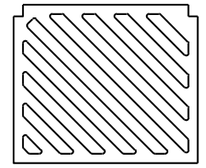
DETAIL DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR CATCH BASIN, MANHOLE AND INLET COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ROUND FRAMES AND COVERS SHALL HAVE CONTINUOUSLY MACHINED BEARING SURFACES TO PREVENT ROCKING AND RATTLING.





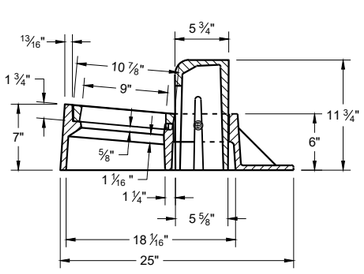
1" DIAGONAL BARS WITH 1 ½" OPENINGS

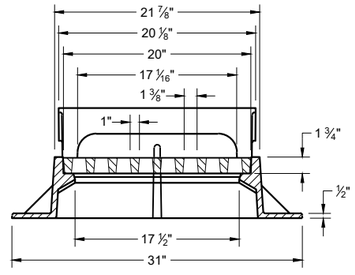


SPECIAL GRATE FOR TYPE "A" COVER

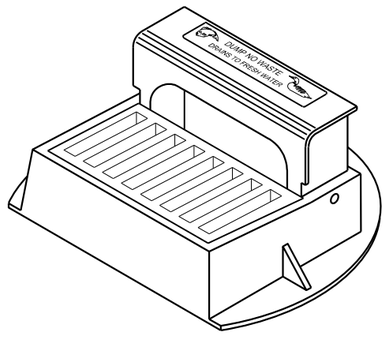
(MEASURES 19 ¾" X 17" X 1 ⅞")

(NOTED AS TYPE A-S ON DRAINAGE TABLE)





TYPE "Z"



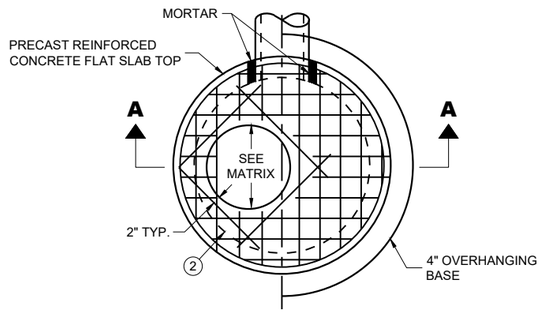
INLET COVERS
TYPES A, H, A-S, H-S AND Z

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

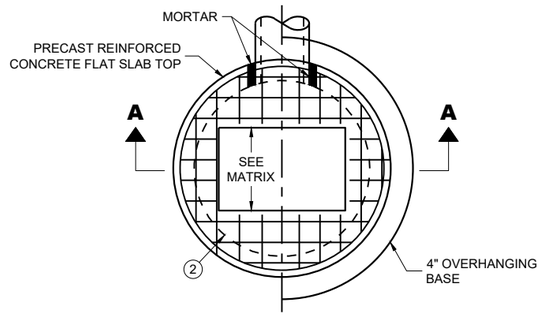
APPROVED
February 2025
DATE

/S/ Rodney Taylor
ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

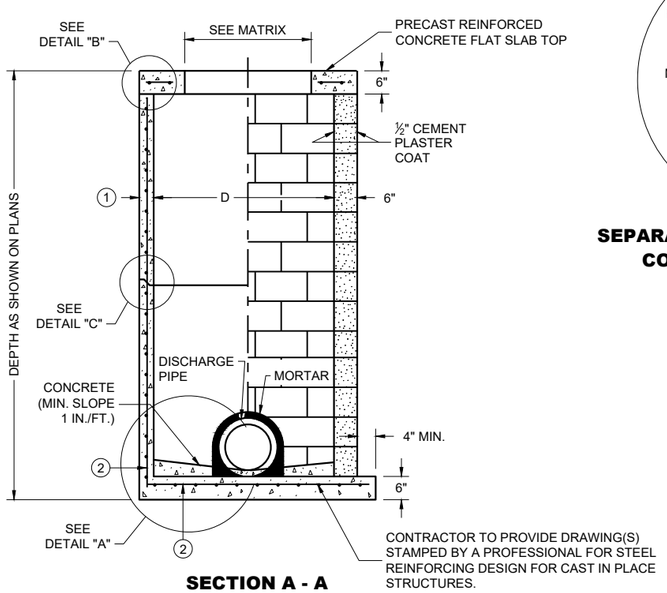
FHWA



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)

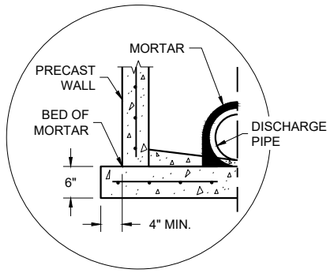
CIRCULAR INLETS WITH FLAT TOP

CATCH BASIN COVER OPENING MATRIX

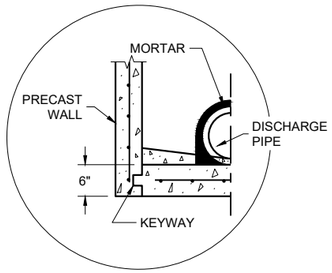
INLET SIZE	INLET COVER TYPE	ALL A'S	ALL B'S	BW	C	F	ALL H'S	S	T	V V-B	WM	Z
	OPENING SIZE (FT.)											
3-FT	2 DIA.				X							X
	2 X 2	X	X					X		X		
4-FT	2 DIA.				X							X
	2 X 2	X	X					X		X		
	2 X 2.5			X				X	X	X	X	
	2 X 3						X					
	2.5 X 3					X						

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

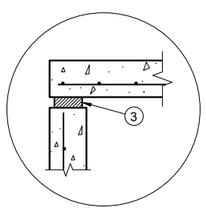


SEPARATE PRECAST REINFORCED CONCRETE BASE OPTION

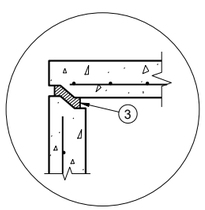


PRECAST REINFORCED CONCRETE WITH INTEGRAL BASE OPTION

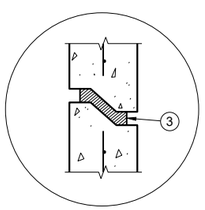
DETAIL "A"



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

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 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 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.

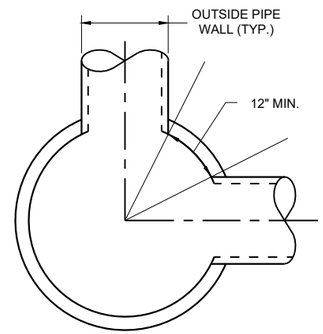
4" OVERHANGING BASES ARE REQUIRED FOR ALL CONCRETE BLOCK INSTALLATIONS. 4" OVERHANG IS REQUIRED WHEN SEPARATE PRECAST BASE IS PROVIDED. OVERHANG IS NOT REQUIRED ON PRECAST STRUCTURES WITH AN INTEGRAL OR MONOLITHIC BASE.

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"

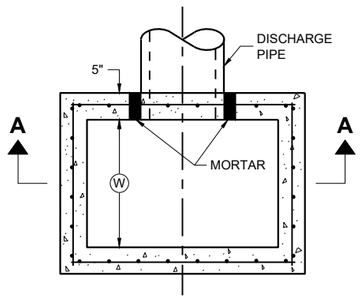
INLETS 3-FT AND 4-FT DIAMETER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

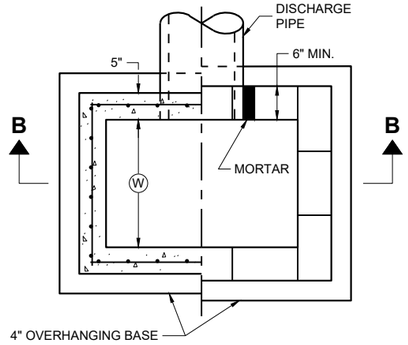
APPROVED
December 2023 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

FHWA

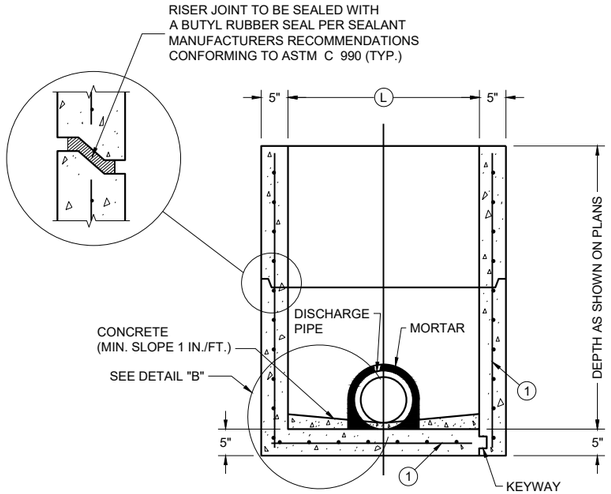
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SDD 08C06-03



PLAN VIEW



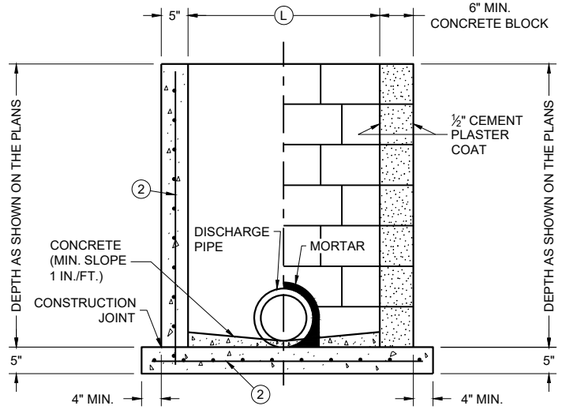
PLAN VIEW



PRECAST REINFORCED CONCRETE WITH MONOLITHIC BASE

PRECAST REINFORCED CONCRETE WITH INTEGRAL BASE

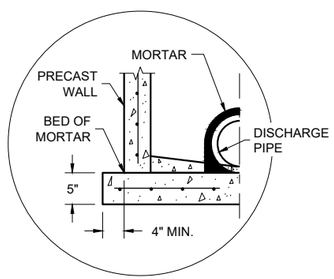
SECTION A - A



CAST IN PLACE REINFORCED CONCRETE

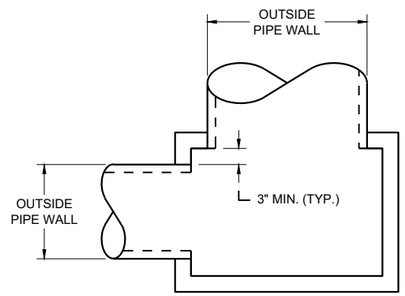
CONCRETE BLOCK WITH CAST IN PLACE OR PRECAST REINFORCED CONCRETE BASE (1)

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

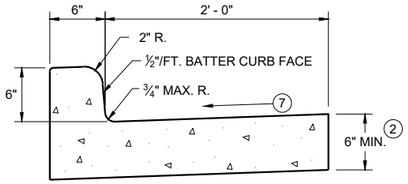
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
December 2023
DATE

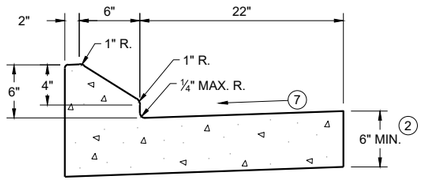
/S/ Rodney Taylor
ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

FHWA

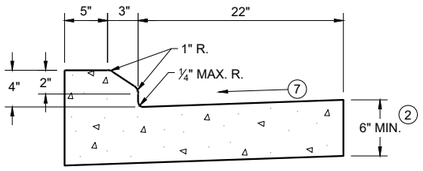
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SDD 08C07-03



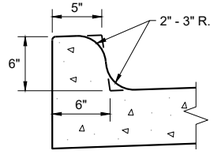
TYPES A (1) & D



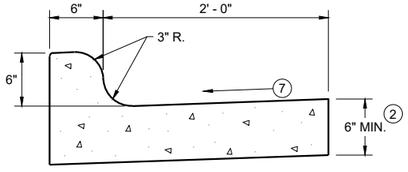
6" SLOPED CURB TYPES G (1) & J



4" SLOPED CURB TYPES G (1) & J

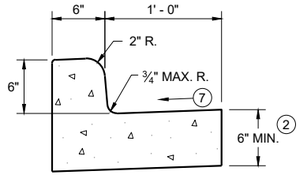


TYPES K (1) & L
(OPTIONAL CURB SHAPE)



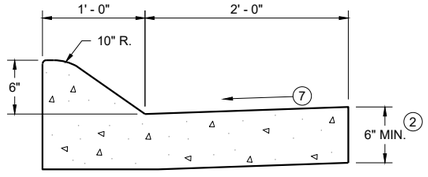
TYPES K (1) & L

CONCRETE CURB AND GUTTER 30"

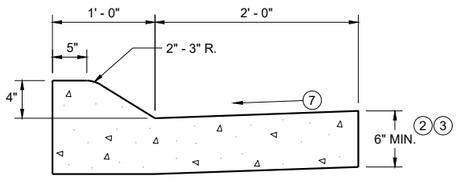


TYPES A (1) & D

CONCRETE CURB AND GUTTER 18"

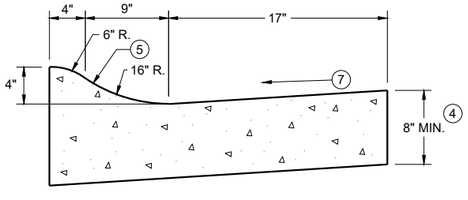


6" SLOPED CURB TYPES A (1) & D



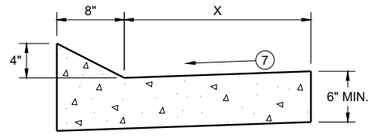
4" SLOPED CURB TYPES A (1) & D

CONCRETE CURB AND GUTTER 36"



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

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

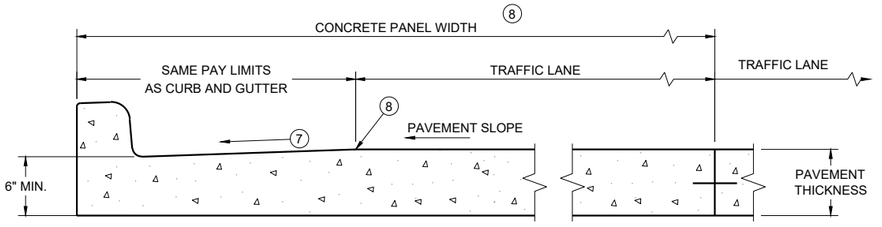


TYPES TBT & TBTT (1)

CONCRETE CURB AND GUTTER

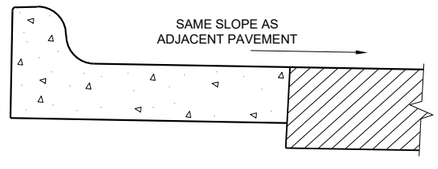
PAVEMENT THICKNESS AND MAXIMUM CONCRETE PANEL WIDTH TABLE

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.

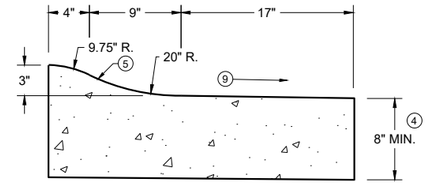
(5) UNLESS OTHERWISE NOTED, FOR STAKING PURPOSES THE FACE OF CURB IS 6" FROM THE BACK OF CURB.

(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.

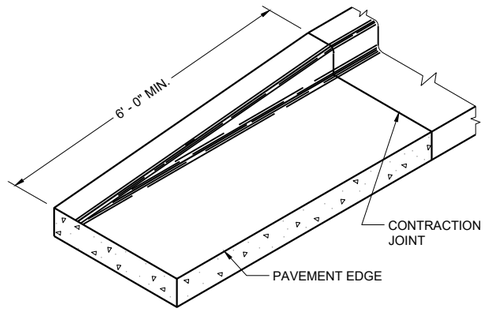
(9) SLOPE TO BE REVERSE SLOPE MATCHING THE SLOPE OF THE PAVEMENT AND THE CIRCULATORY ROADWAY



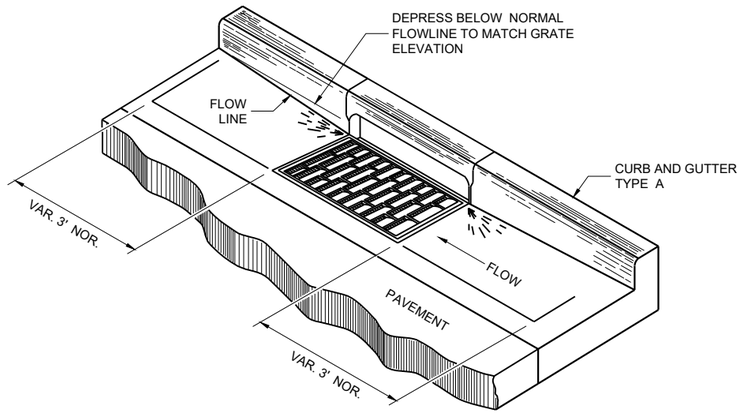
3" SLOPED CURB TYPES R (1) & T

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.

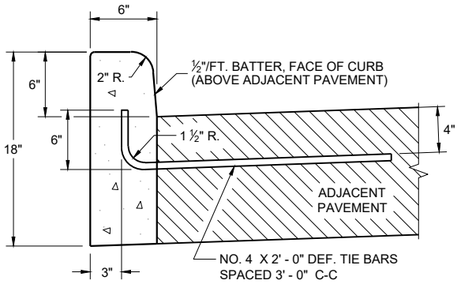
UNLESS OTHERWISE SHOWN ON THE TYPICAL CROSS SECTIONS, THE BASE AGGREGATE AND COMMON EXCAVATION LIMITS ARE 2' - 0" BEHIND THE BACK OF CURBS.

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

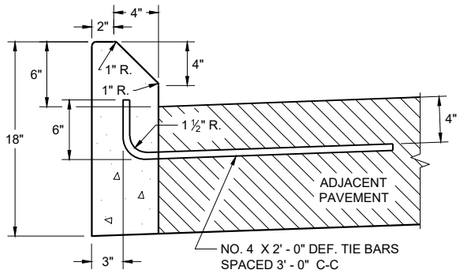
(2) THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.

(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.

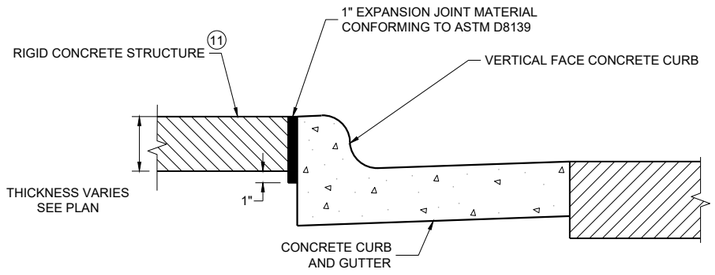


TYPES A (1) & D

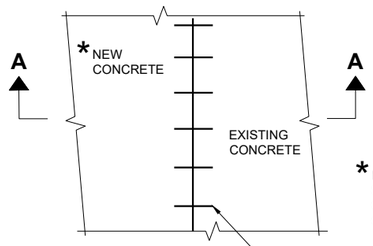


TYPES G (1) & J

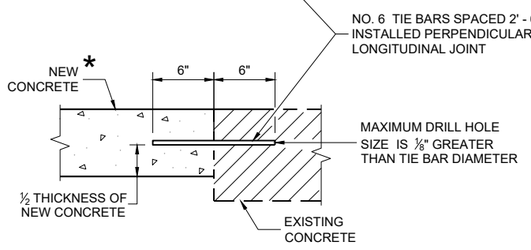
CONCRETE CURB



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

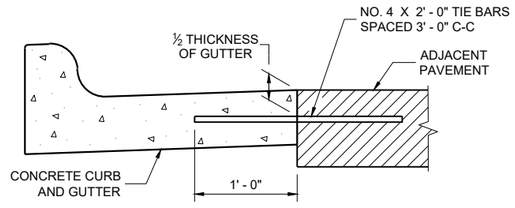


PLAN VIEW

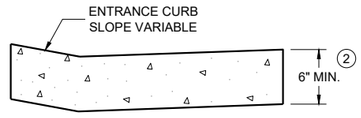


SECTION A - A

TIE BARS DRILLED INTO EXISTING PAVEMENT



TYPICAL TIE BAR LOCATION (1)



DRIVEWAY ENTRANCE CURB (10)

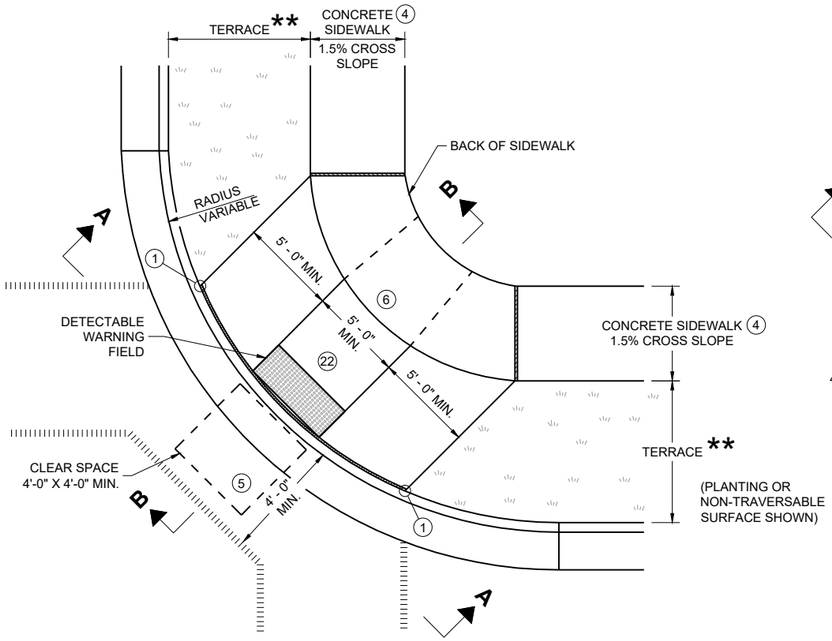
(WHEN DIRECTED BY THE ENGINEER)

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

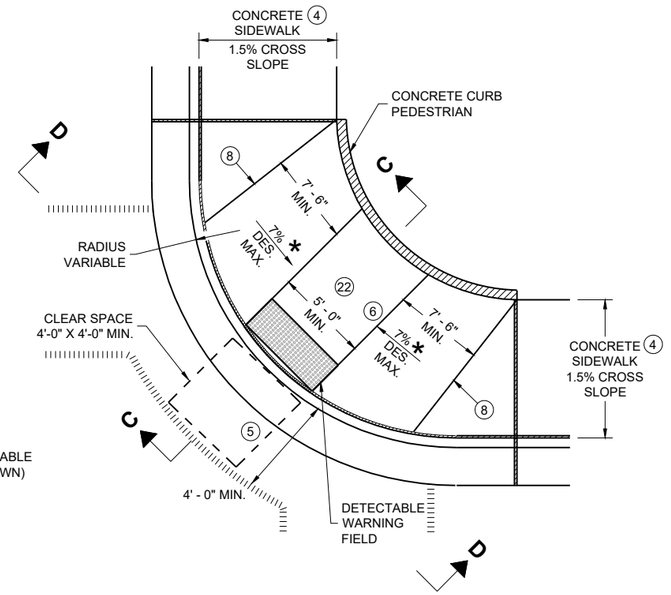
FHWA



PLAN VIEW

CURB RAMP TYPE 1

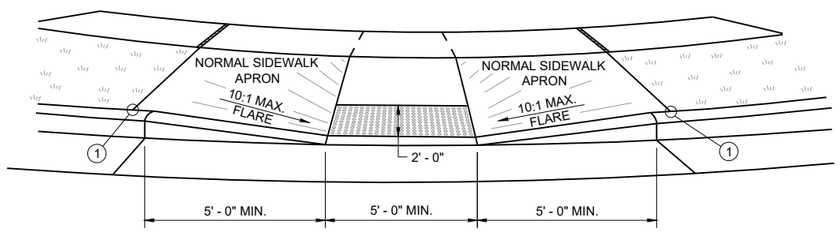
(CENTER OF CORNER RADIUS)



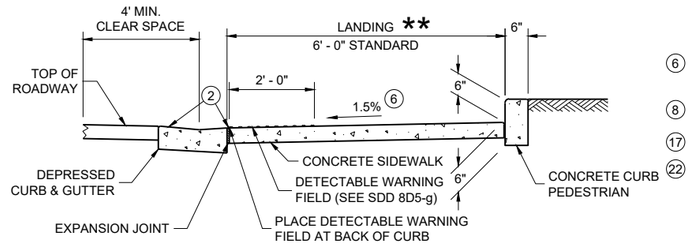
PLAN VIEW

CURB RAMP TYPE 1 - A

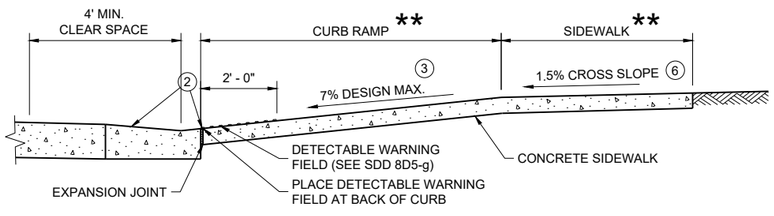
(NO TERRACE)



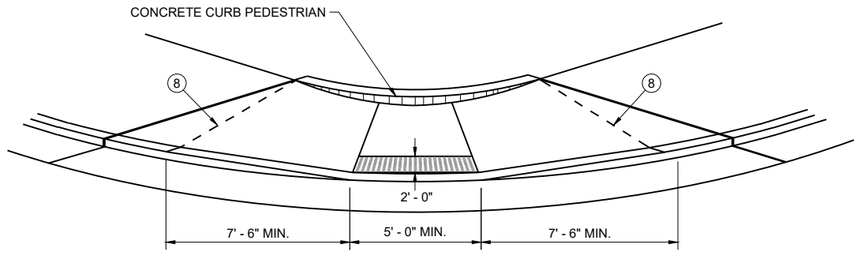
VIEW A - A FOR TYPE 1



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.

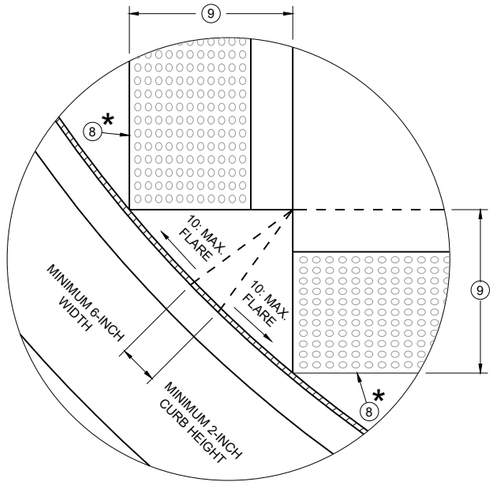
(22) THE ENTIRE RAMP SHALL BE A PLANAR SURFACE. DO NOT WARP THE RUNNING SLOPE OR CROSS SLOPE OF THE RAMP. WARPING OF THE SIDEWALK CROSS SLOPE SHALL TAKE PLACE BETWEEN THE LANDING AND MATCH POINT.

LEGEND

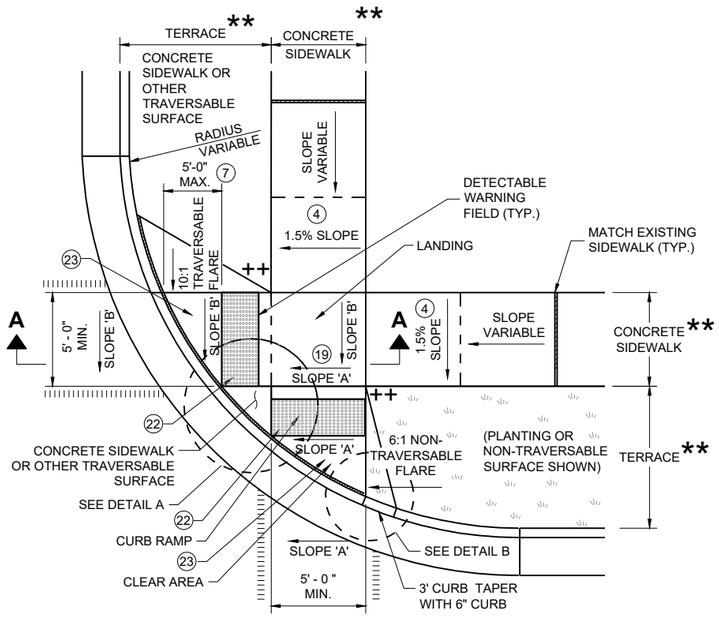
- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)
- * MAXIMUM 8.3%
- ** WIDTH SHOWN ELSEWHERE IN THE PLANS

CURB RAMPS TYPE 1 AND 1-A

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



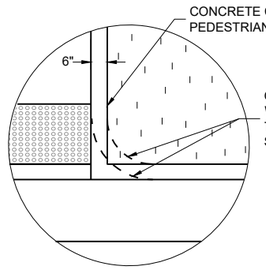
DETAIL A



PLAN VIEW

CURB RAMP TYPE 2

(CENTER OF CORNER RADIUS)

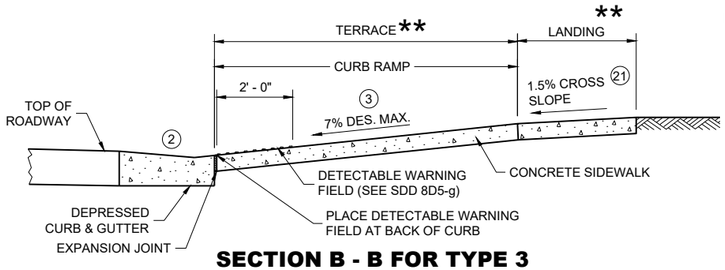


DETAIL B

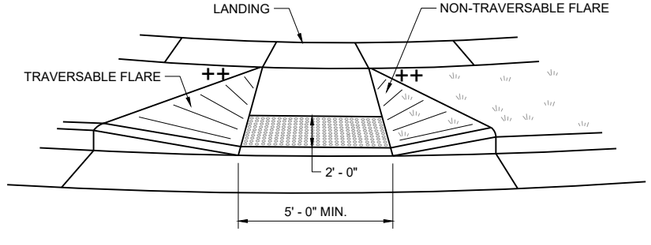
PLAN VIEW

CURB RAMP TYPE 3

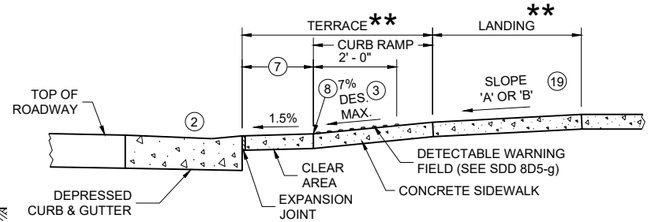
(OUTSIDE OF CROSSWALK AREA)



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

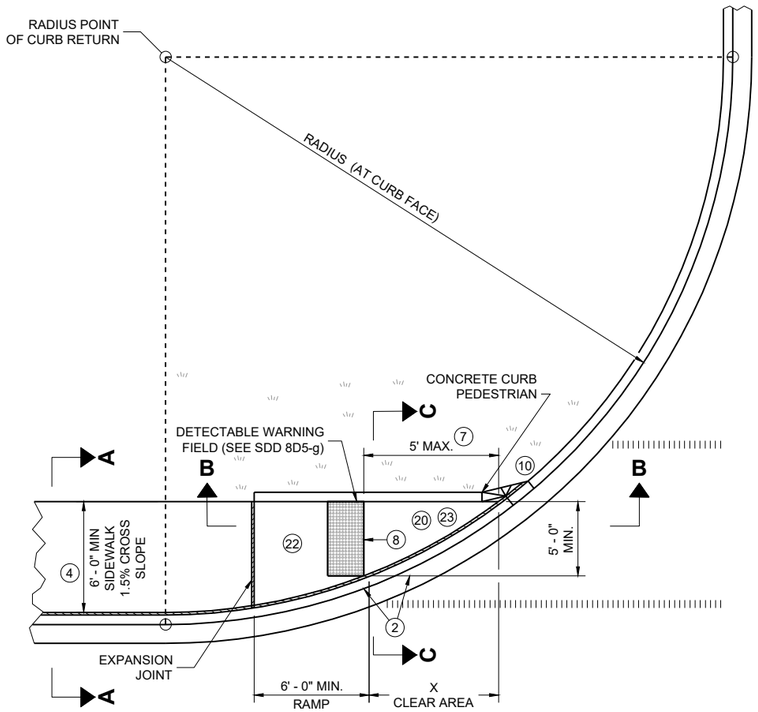
- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT SIDEWALK
- PAVEMENT MARKING CROSSWALK (WHITE)
- * MAXIMUM 2.1% SLOPE IN ALL DIRECTIONS IN FRONT OF GRADE BREAK
- ** WIDTH SHOWN ELSEWHERE IN THE PLANS
- ++ CONSTRUCT 6" WEDGE TO AVOID CONCRETE BREAKAGE

CURB RAMPS TYPE 2 AND 3

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

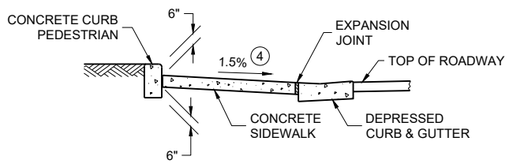
6

SDD 08D05-23b

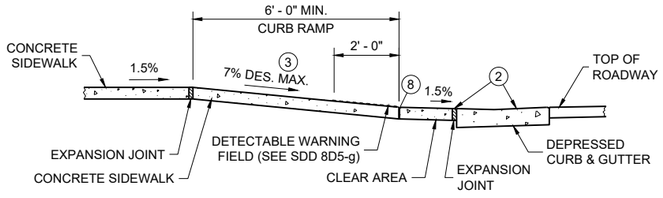


PLAN VIEW

CURB RAMP TYPE 4A



SECTION C - C FOR TYPE 4A



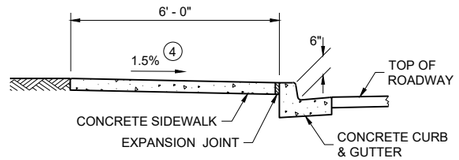
SECTION B - B FOR TYPE 4A AND TYPE 4A1

LEGEND

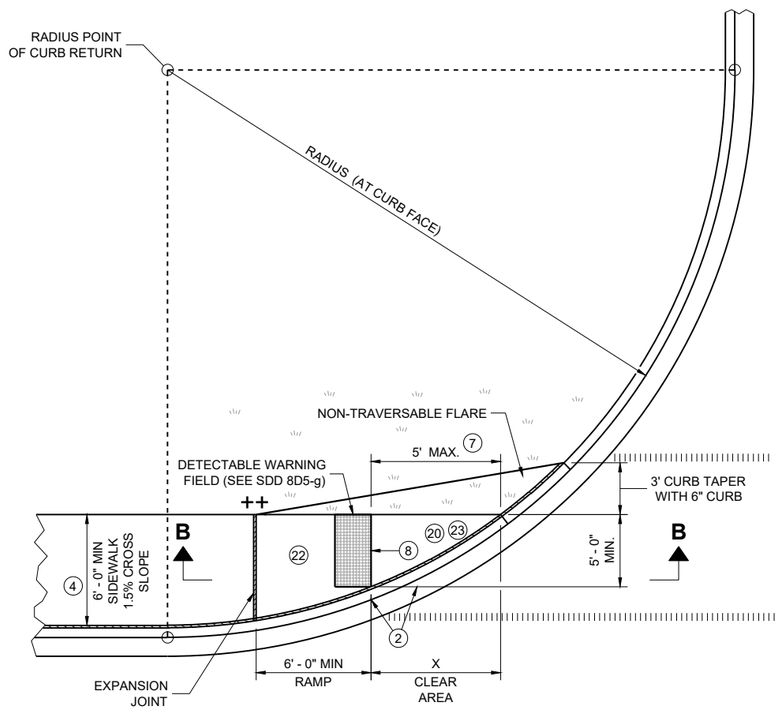
- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT SIDEWALK
- PAVEMENT MARKING CROSSWALK (WHITE)
- ++ CONSTRUCT 6" WEDGE TO AVOID CONCRETE BREAKAGE

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.

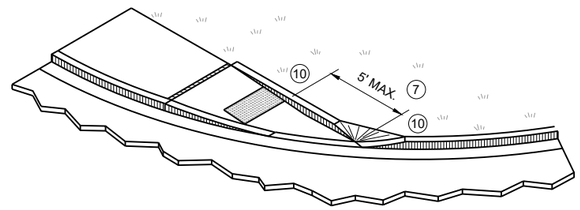
(10) INSTALL TRANSITION NOSE (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.

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

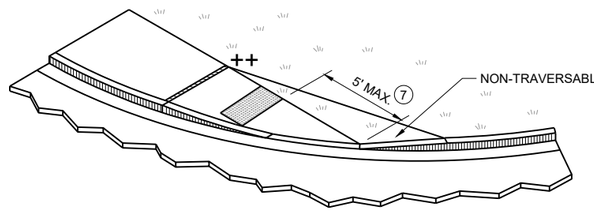
(20) MAXIMUM 1.5% DESIGN MAXIMUM AND 2.1% PROWAG MAXIMUM RUNNING SLOPE ON CLEAR AREA. CROSS SLOPE OF CLEAR AREA SHALL MATCH THE CROSS SLOPE OF THE ADJACENT CROSSWALK.

(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



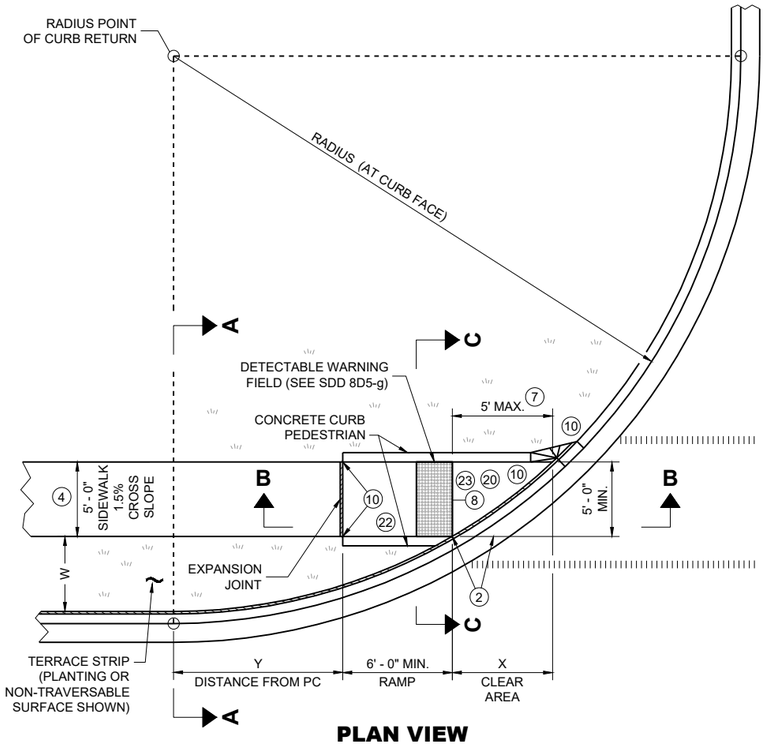
ISOMETRIC VIEW FOR TYPE 4A1

CURB RAMPS
TYPE 4A AND 4A1

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

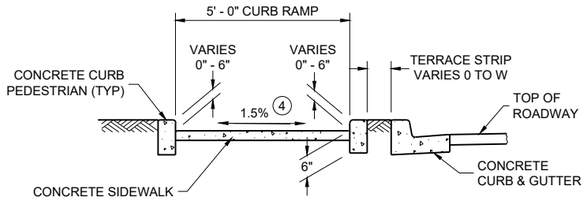
SDD 08D05-23c



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.

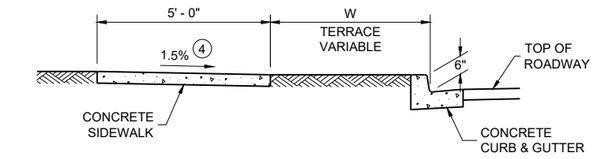
(10) INSTALL TRANSITION NOSE (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.

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

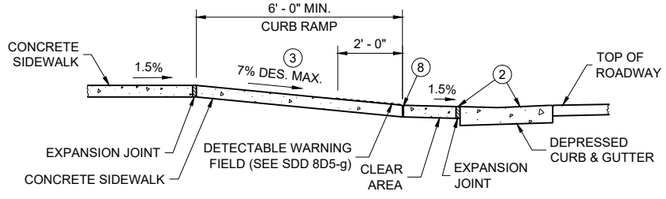
(20) MAXIMUM 1.5% DESIGN MAXIMUM AND 2.1% PROWAG MAXIMUM RUNNING SLOPE ON CLEAR AREA. CROSS SLOPE OF CLEAR AREA SHALL MATCH THE CROSS SLOPE OF THE ADJACENT CROSSWALK.

(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.

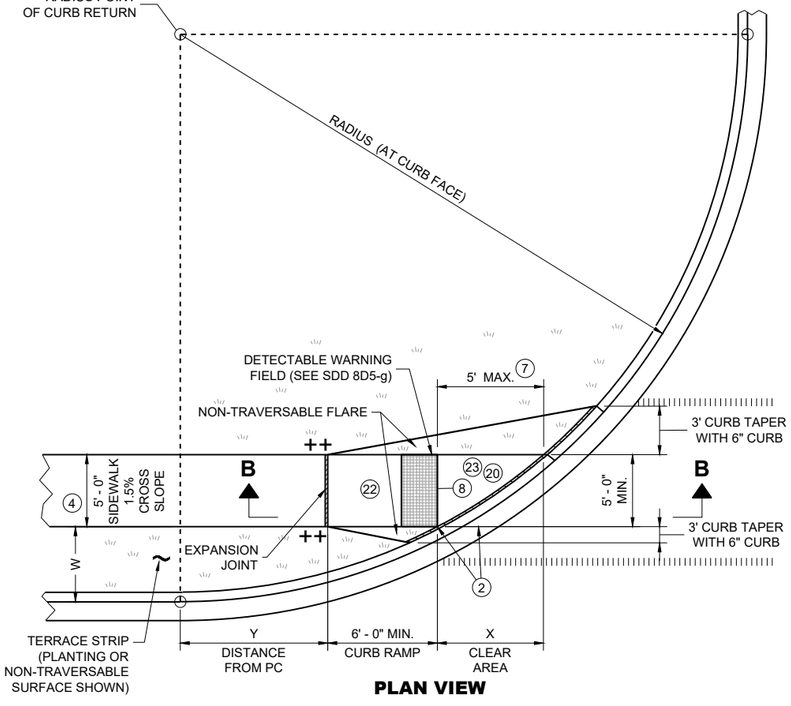
(23) THE CLEAR AREA BETWEEN THE BOTTOM OF RAMP AND BACK OF CURB SHALL BE SLOPED SO THAT WATER DRAINS OUT OF ONE SIDE OR BOTH SIDES OF THE CURB OPENING.



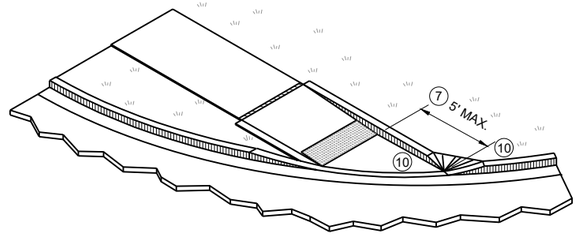
SECTION A - A FOR TYPE 4B



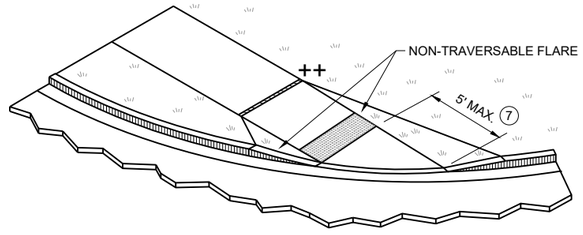
SECTION B - B FOR TYPE 4B AND TYPE 4B1



PLAN VIEW
CURB RAMP TYPE 4B1



ISOMETRIC VIEW FOR TYPE 4B



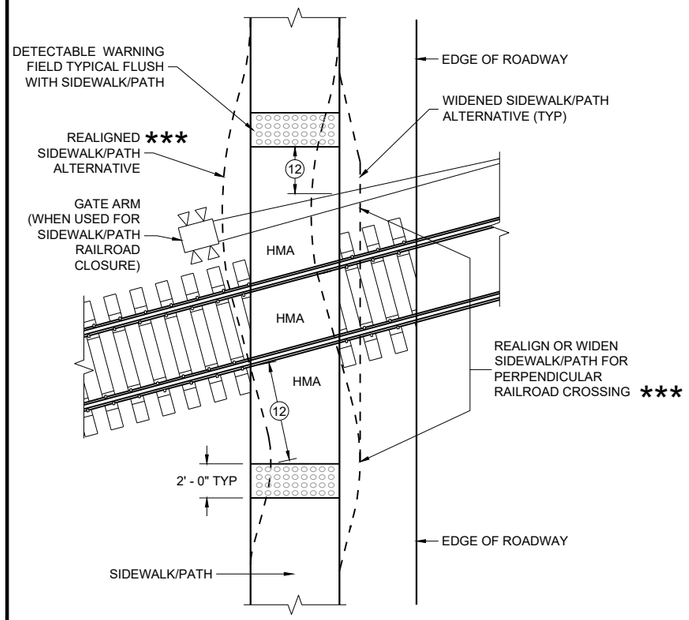
ISOMETRIC VIEW FOR TYPE 4B1

CURB RAMPS
TYPE 4B AND 4B1

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

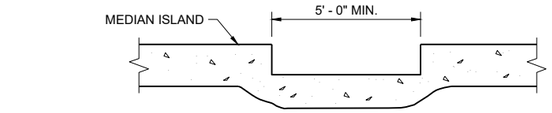
6

SDD 08D05-23d

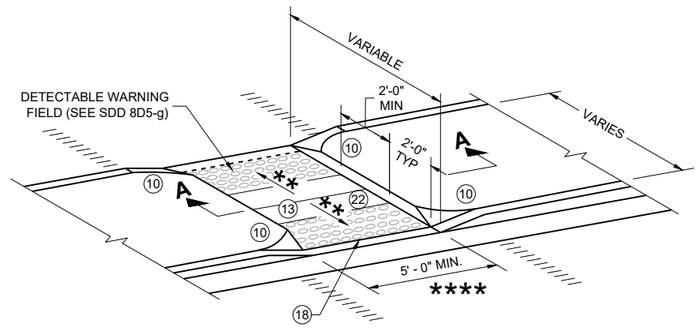


CURB RAMP TYPE 8

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.

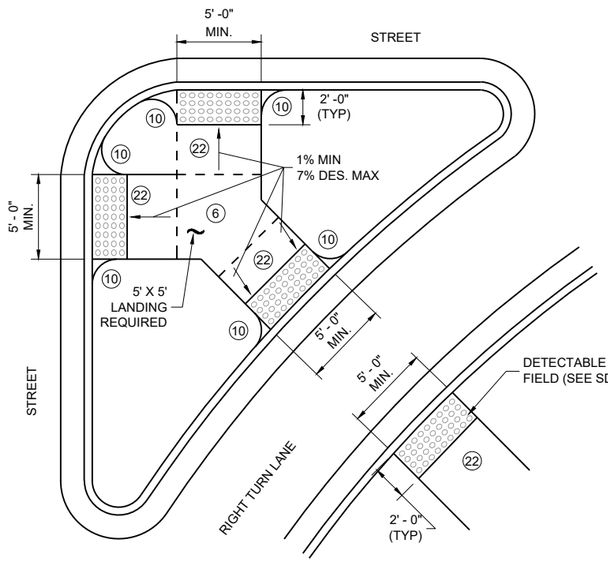
(12) THE DOWNSTREAM EDGE OF THE DETECTABLE WARNING SHOULD BE LOCATED AT LEAST 2 FEET UPSTREAM FROM THE AUTOMATIC GATE, COUNTERWEIGHT, FLASHING-LIGHT SIGNALS, OR CROSSBUCK ASSEMBLY SPECIFIC TO THE PATHWAY OR SIDEWALK (IF ANY ARE PRESENT) AND AT LEAST 12 FEET FROM THE NEAREST RAIL.

(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.

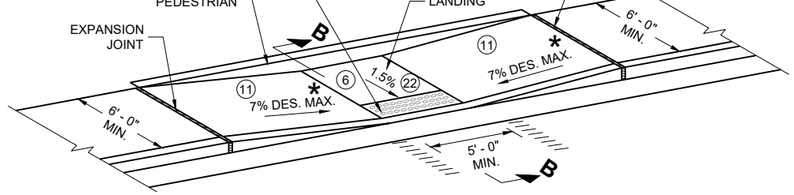
(22) THE ENTIRE RAMP SHALL BE A PLANAR SURFACE. DO NOT WARP THE RUNNING SLOPE OR CROSS SLOPE OF THE RAMP. WARPING OF THE SIDEWALK CROSS SLOPE SHALL TAKE PLACE BETWEEN THE LANDING AND MATCH POINT.



CURB RAMP TYPE 6

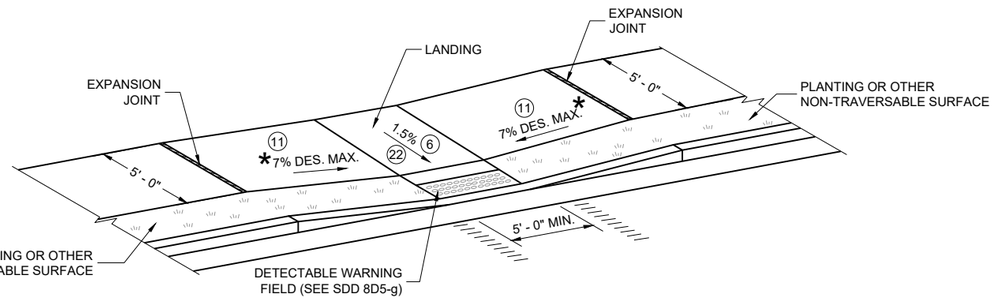
DETECTABLE WARNING AT ISLANDS

REFER TO GENERAL NOTES (2) AND (3) FOR ALL ISLAND CURB RAMPS



CURB RAMP TYPE 7A

FOR INTERSECTIONS AND MID BLOCK CROSSINGS

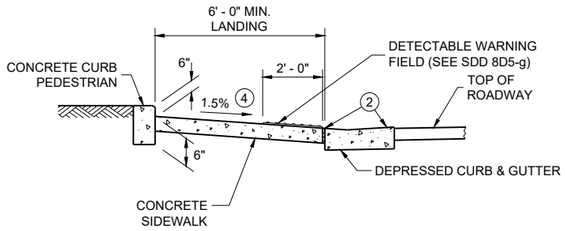


CURB RAMP TYPE 7B

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

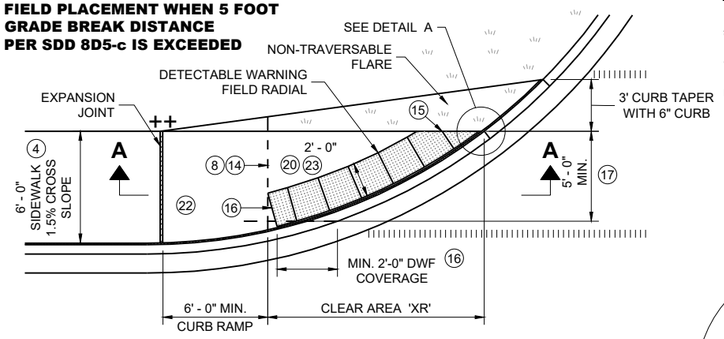


SECTION B - B FOR TYPE 7A

CURB RAMPS
TYPE 5, 6, 7A, 7B & 8

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

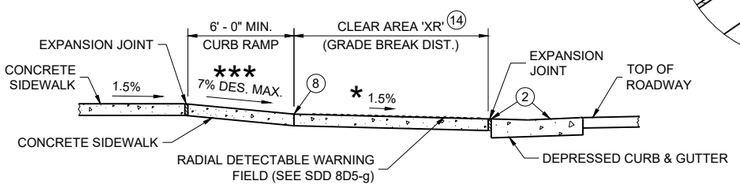
RADIAL DETECTABLE WARNING FIELD PLACEMENT WHEN 5 FOOT GRADE BREAK DISTANCE PER SDD 8D5-c IS EXCEEDED



PLAN VIEW

CURB RAMP TYPE 4A1

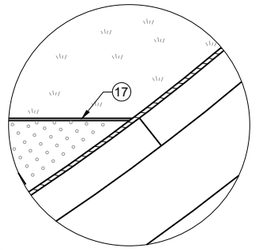
(GRADE BREAK DISTANCE GREATER THAN 5 FEET)



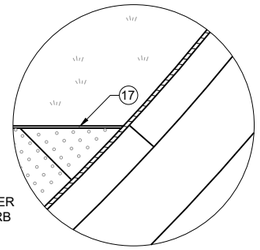
SECTION A - A FOR TYPE 4A1

LEGEND

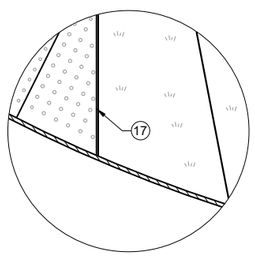
═══	½" EXPANSION JOINT SIDEWALK
– – – –	CONTRACTION JOINT SIDEWALK
ıı ıı ıı ıı	PAVEMENT MARKING CROSSWALK (WHITE)
**	WIDTH SHOWN ELSEWHERE IN THE PLANS
***	MAXIMUM 8.3%
++	CONSTRUCT 6" WEDGE TO AVOID CONCRETE BREAKAGE



DETAIL A



DETAIL B



DETAIL C

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.

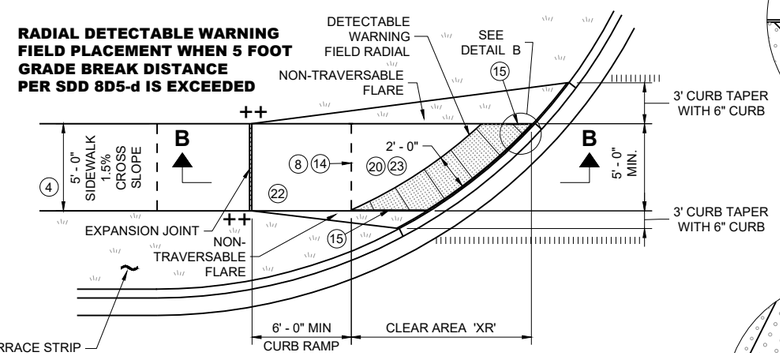
(19) WHERE A LANDING SERVES TWO CURB RAMPS, THE LANDING SLOPE SHALL NOT EXCEED THE CROSS SLOPE AT THE BOTTOM OF THE RAMP OR WITHIN THE CROSSWALK PARALLEL TO THE DIRECTION OF TRAVEL.

(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.

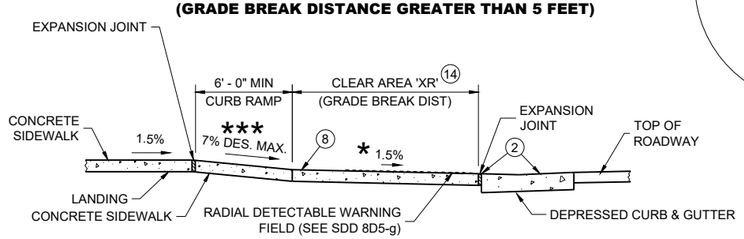
RADIAL DETECTABLE WARNING FIELD PLACEMENT WHEN 5 FOOT GRADE BREAK DISTANCE PER SDD 8D5-d IS EXCEEDED



PLAN VIEW

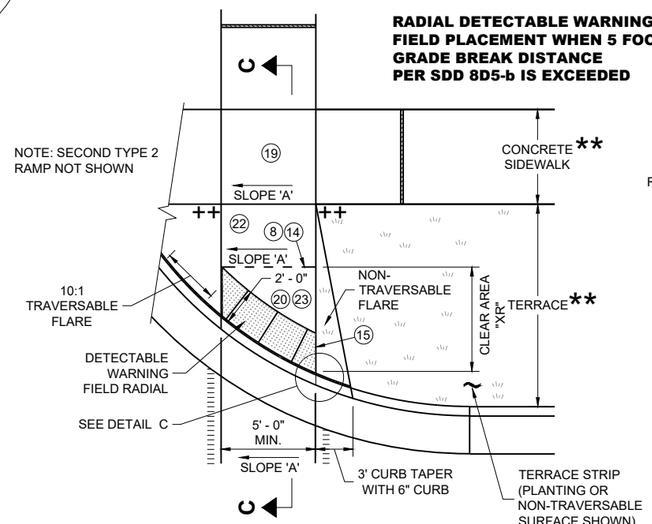
CURB RAMP TYPE 4B1

(GRADE BREAK DISTANCE GREATER THAN 5 FEET)



SECTION B - B FOR TYPE 4B1

RADIAL DETECTABLE WARNING FIELD PLACEMENT WHEN 5 FOOT GRADE BREAK DISTANCE PER SDD 8D5-b IS EXCEEDED

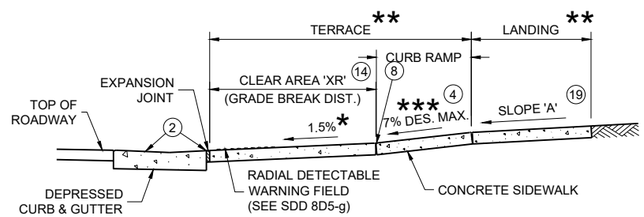


PLAN VIEW

CURB RAMP TYPE 2

(GRADE BREAK DISTANCE GREATER THAN 5 FEET)

(ON LINE WITH SIDEWALK)



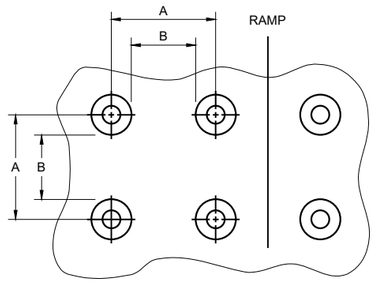
SECTION C - C FOR TYPE 2

CURB RAMPS
RADIAL DETECTABLE WARNING

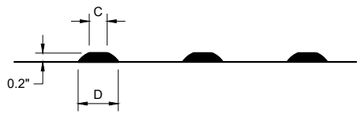
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

	MIN.	MAX.
A	1.6"	2.4"
B	0.65"	1.5"
C	*	*
D	0.9"	1.4"

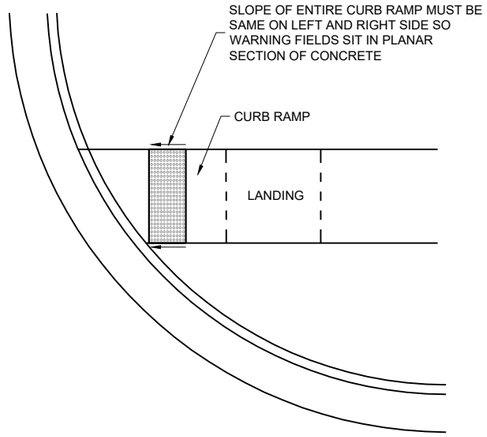
* THE C DIMENSION IS 50% TO 65% OF THE D DIMENSION.



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.

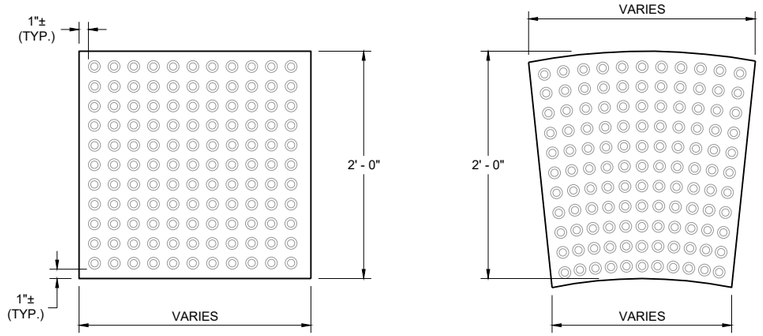
FOR RADIAL DETECTABLE WARNING FIELD APPLICATIONS WHERE STANDARD RADIAL PLATES ARE NOT AVAILABLE AT AN INTERSECTION CURB RADIUS, A COMBINATION OF SQUARE OR RECTANGULAR PLATES AND RADIAL PLATES MAY BE USED TO FORM RADIAL CONFIGURATION. RADIAL WEDGE PLATES IN COMBINATION WITH SQUARE PLATES ARE ALSO ACCEPTABLE. 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.

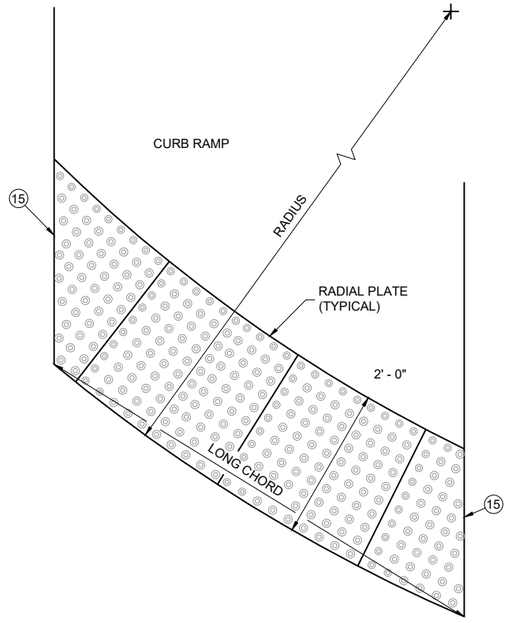
TRUNCATED DOMES
DETECTABLE WARNING PATTERN DETAIL



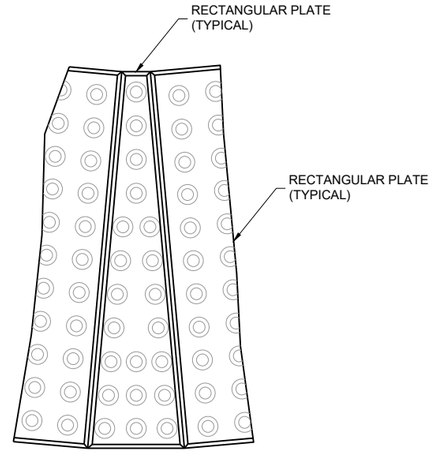
RECTANGULAR PLATES

RADIAL PLATES

PLAN VIEW
DETECTABLE WARNING FIELDS (TYPICAL)



PLAN VIEW
RADIAL DETECTABLE WARNING FIELD ATTRIBUTES



PLAN VIEW
RADIAL WEDGE PLATE CONNECTION DETAIL

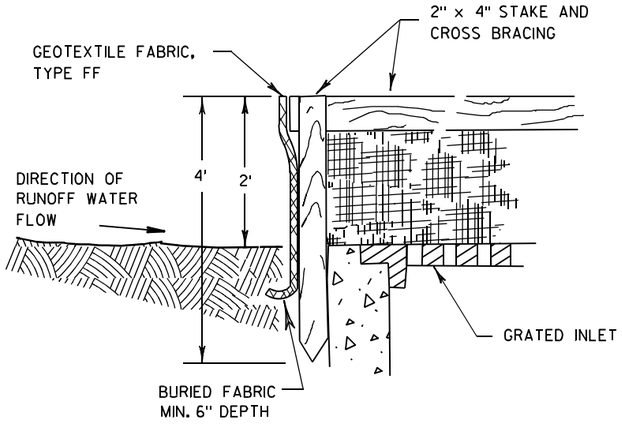
CURB RAMPS
RECTANGULAR AND RADIAL
DETECTABLE WARNING PLATES

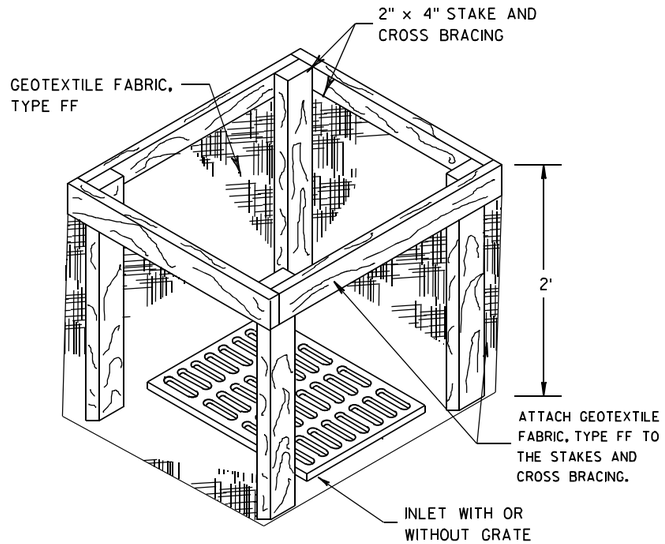
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2026 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

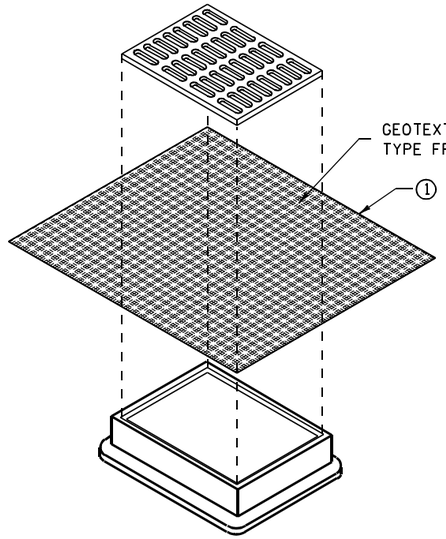
FHWA

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SDD 08D05-23g



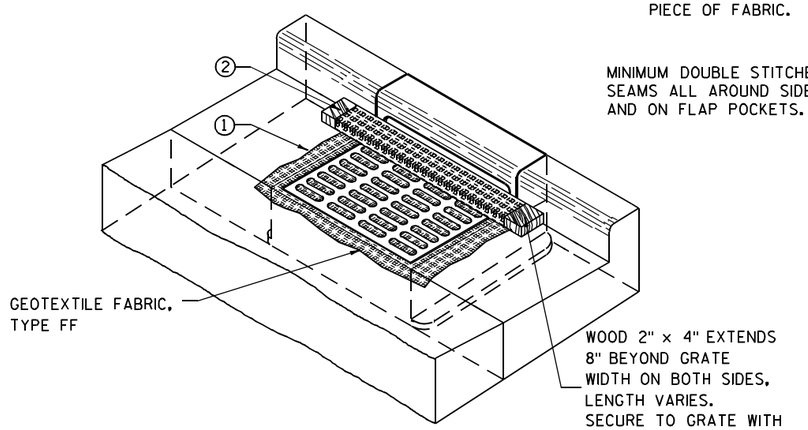


INLET PROTECTION, TYPE A

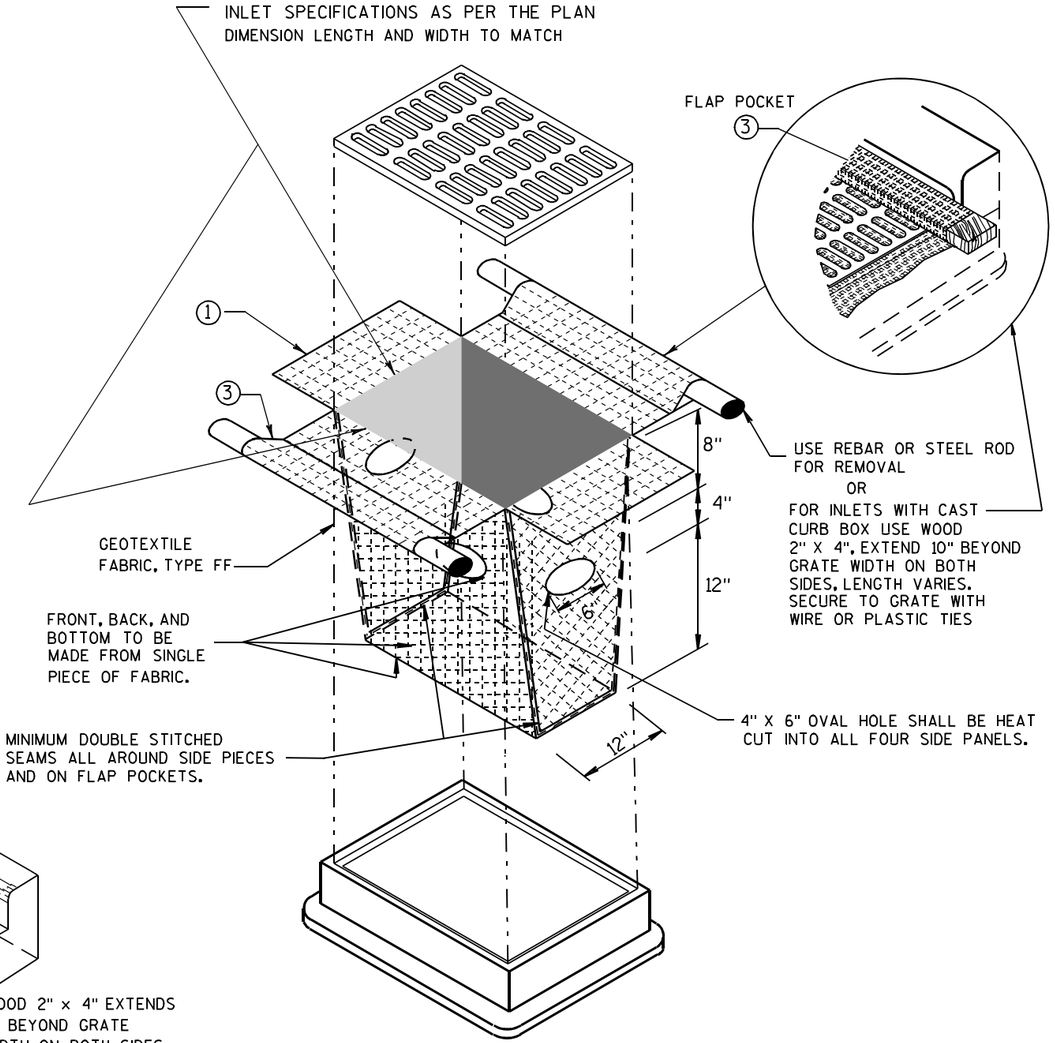


INLET PROTECTION, TYPE B
(WITHOUT CURB BOX)

(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.

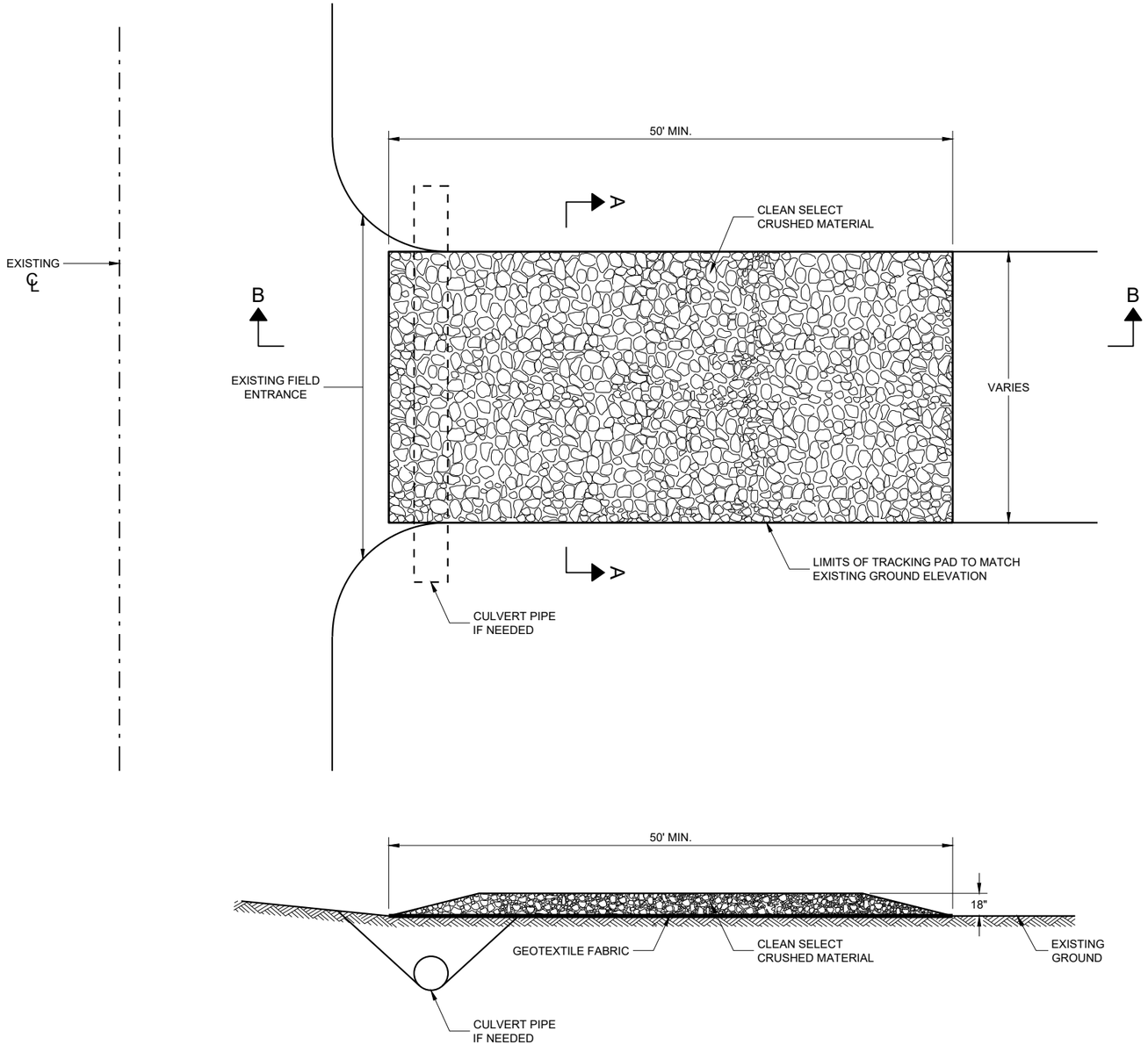
THE INSTALLED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE, BETWEEN THE INLET WALLS AND THE BAG, MEASURED AT THE BOTTOM OF THE OVERFLOW HOLES, OF 3". WHERE NECESSARY THE CONTRACTOR SHALL CINCH THE BAG, USING PLASTIC ZIP TIES, TO ACHIEVE THE 3" CLEARANCE. THE TIES SHALL BE PLACED AT A MAXIMUM OF 4" FROM THE 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



SECTION B - B

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.

TRACKING PAD SHALL BE INSPECTED DAILY. DEFICIENT AREAS SHALL BE REPAIRED OR REPLACED IMMEDIATELY.

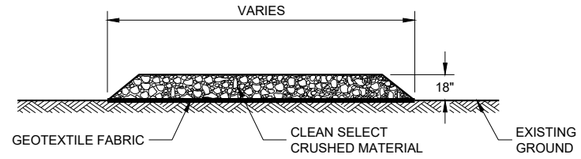
TRACKING PAD TO BE REMOVED AFTER CONSTRUCTION IS COMPLETED.

TRACKING PAD SHALL BE THE FULL WIDTH OF THE EGRESS POINT.

SURFACE WATER MUST BE PREVENTED FROM PASSING THROUGH THE TRACKING PAD. FLOWS SHALL BE DIVERTED AWAY, AROUND OR CONVEYED UNDER THE TRACKING PAD.

CULVERT PIPE OR OTHER BMP USED TO DIVERT WATER AWAY, AROUND OR UNDER THE TRACKING PAD SHALL BE DESIGNED TO CONVEY THE 2 YEAR - 24 HOUR EVENT.

THE COST OF ADDITIONAL BMP TO DIVERT WATER ARE INCIDENTAL TO THE TRACKING PAD BID ITEM.



SECTION A - A

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SDD 08E14 - 01

TRACKING PAD

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

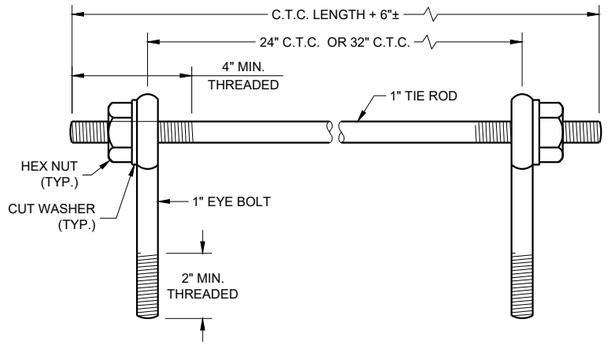
APPROVED
3/24/2011
DATE

/S/ Jerry H. Zogg
ROADWAY STANDARDS DEVE ENGINEER

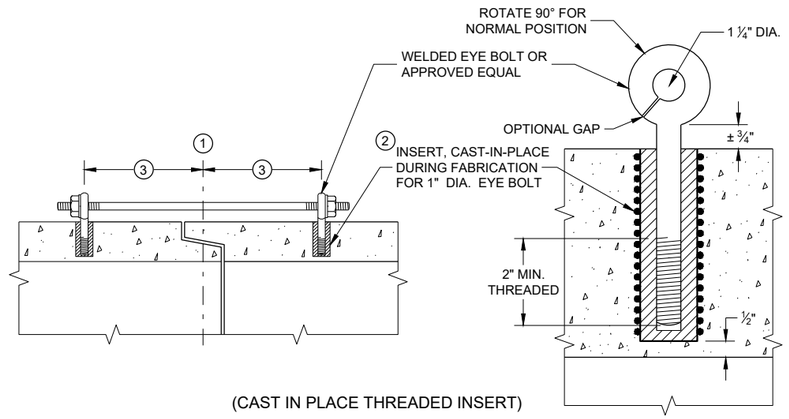
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SDD 08E14 - 01



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.

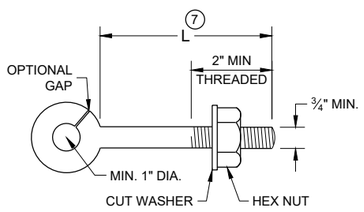
(3) HOLES SHALL BE CAST-IN-PLACE OR DRILLED PER THE APPLICABLE DETAIL, AND EQUAL DISTANCE FROM THE CENTERLINE OF THE JOINT.

(4) BOLT PROJECTION INSIDE OF PIPE SHALL NOT EXCEED 2 INCHES.

(5) OPENING TO BE ROD DIAMETER PLUS 1 INCH.

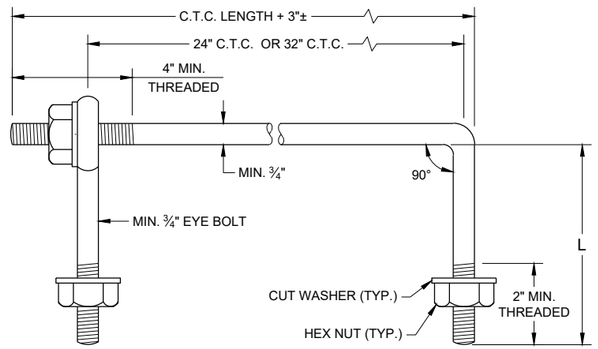
(6) LENGTH ADEQUATE TO EXTEND TO WITHIN ½ INCH OF THE INNER SURFACE OF THE PIPE.

(7) EYE BOLT LENGTH DETERMINED BY WALL THICKNESS, BELL THICKNESS AND BOLT PROJECTION INSIDE PIPE.

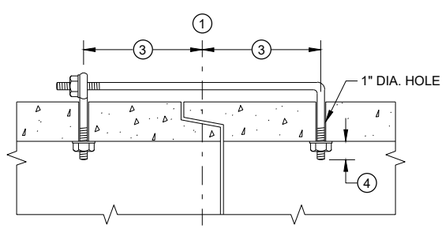


EYE BOLT (7)

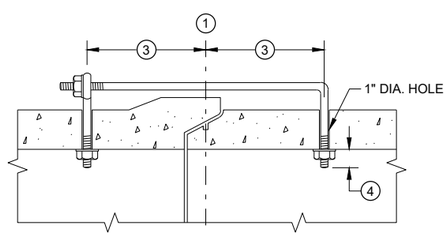
NOTE: TWO EYE BOLTS MAY BE USED WITH A 30" OR 38" LONG THREADED ROD IN LIEU OF THE 90° BENT TIE ROD.



EYE BOLT AND TIE ROD



(TONGUE AND GROOVE PIPE)



(MODIFIED BELL PIPE)

LONGITUDINAL SECTION

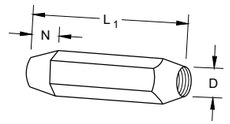
(JOINT TIES FOR 18" TO 66" DIA. CONCRETE PIPE)

EYE BOLT AND TIE ROD ASSEMBLY (ALTERNATE NO. 2)

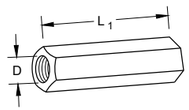
ADJUSTABLE TIE ROD TABLE

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



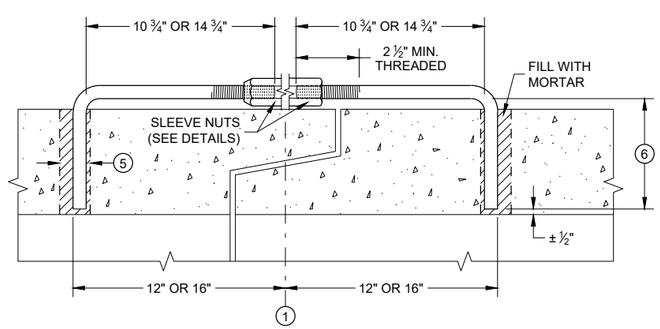
TAPERED



PLAIN

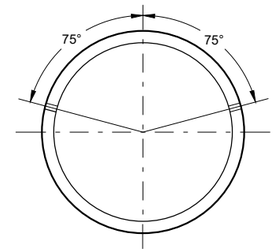
RIGHT AND LEFT THREADS

SLEEVE NUTS



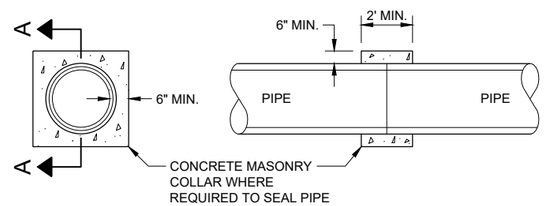
LONGITUDINAL SECTION

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

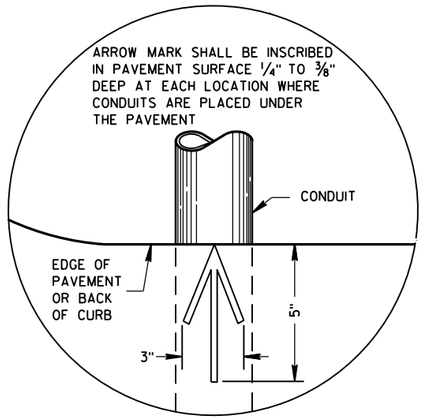
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2021 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVE ENGINEER

FHWA

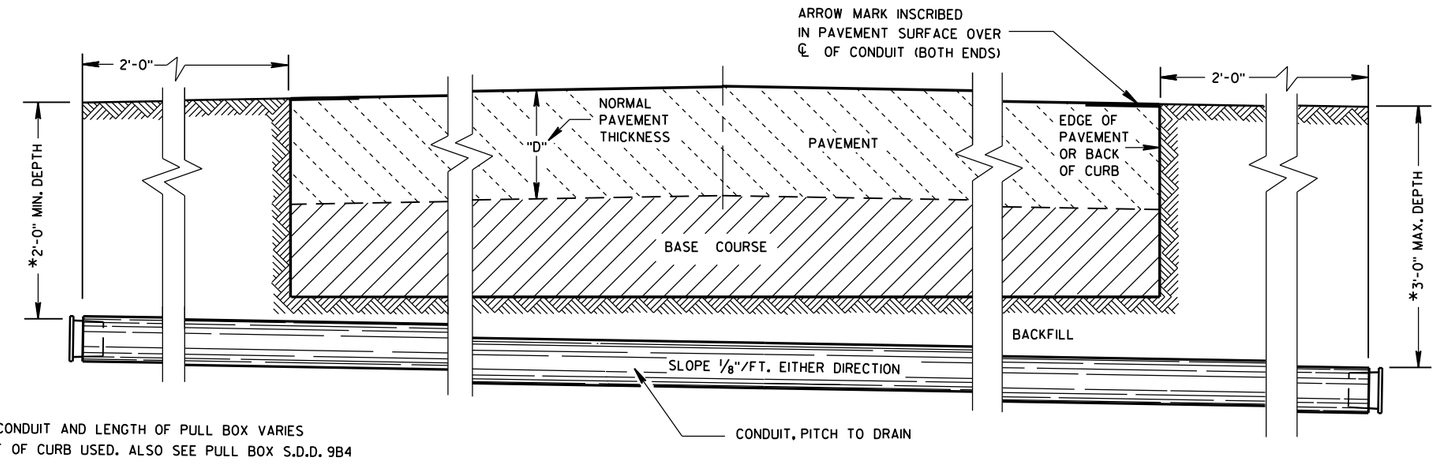
SDD 08F04 - 08

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.

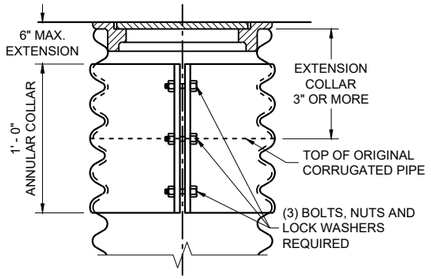
CONDUIT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

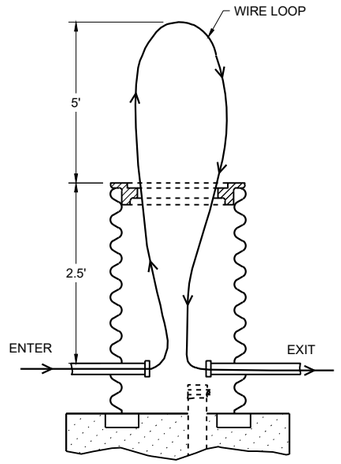
APPROVED
March, 2017 — DATE
/S/ Ahmet Demirbilek — STATE ELECTRICAL
FHWA

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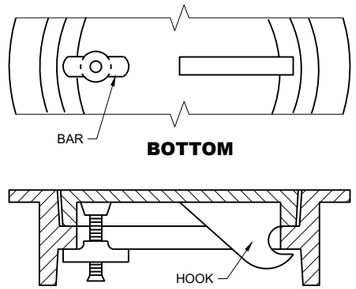
S.D.D. 9 B 2-10



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.

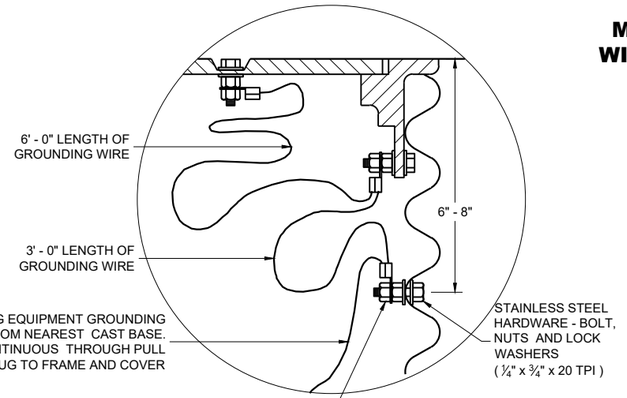
ENTRANCE HOLES INTO PULL BOXES SHALL BE CUT WITH A CIRCULAR HOLE SAW OR HYDRAULIC CONDUIT PUNCH. HOLE SIZE SHALL BE THE OUTSIDE DIAMETER OF THE CONDUIT THAT IS TO FIT IN THE OPENING PLUS NO MORE THAN ¼".

THE CONTRACTOR SHALL NOT INSTALL WIRE IN ANY PULL BOX UNTIL ITS INSTALLATION HAS BEEN INSPECTED AND ACCEPTED BY THE ENGINEER.

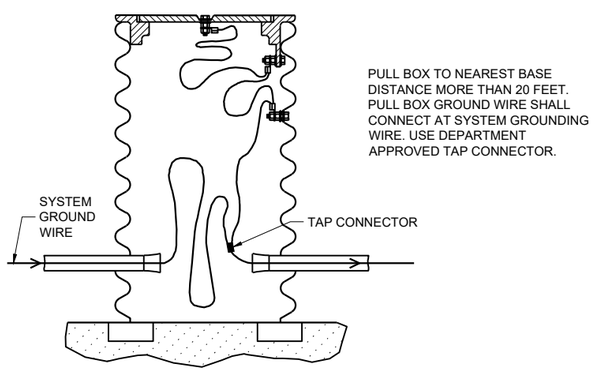
GROUNDING LUGS (MECHANICAL CONNECTORS) SHALL BE U.L. LISTED AND APPROVED FOR USE WITH COPPER WIRE.

ALL METALLIC CONDUIT IN WHICH WIRE AND/OR CABLE IS TO BE INSTALLED, SHALL BE BUSHED BEFORE INSTALLATION OF THE WIRE AND/OR CABLE.

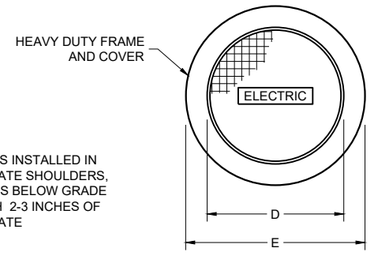
WHEN PULL BOXES ARE INSTALLED FOR FUTURE USE, DO NOT INSTALL THE EQUIPMENT GROUNDING LUG. THE EQUIPMENT GROUNDING LUG, THE EQUIPMENT GROUNDING ELECTRODE AND THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE REQUIRED AND INSTALLED UNDER A FUTURE WIRING CONTRACT.



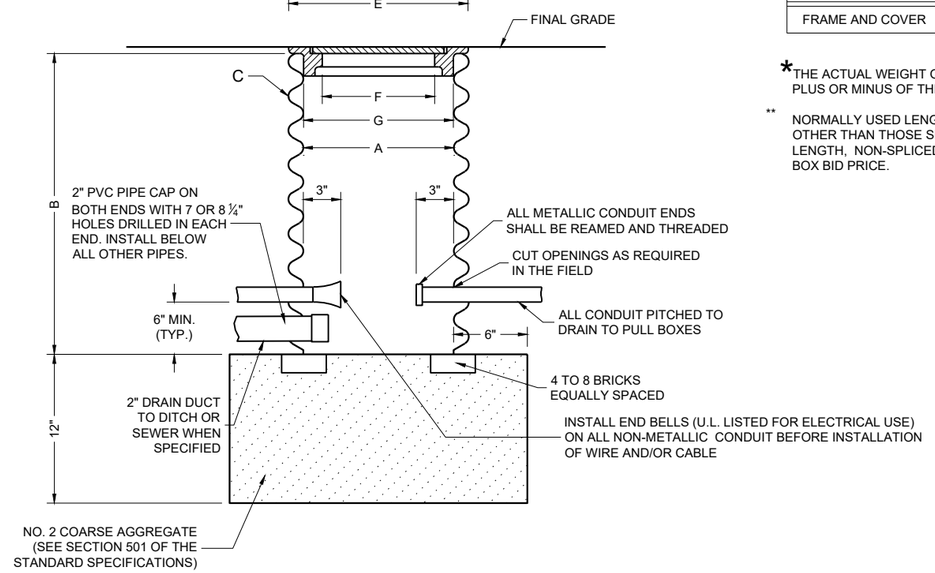
EQUIPMENT GROUNDING LUG AND LOCATION IN STEEL PULL BOXES



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

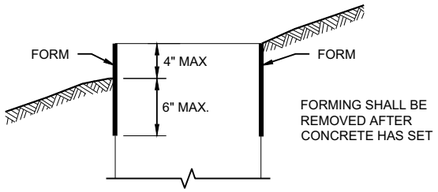
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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.

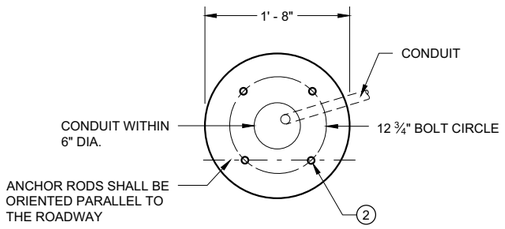
WASHERS AND LOCK WASHERS ARE REQUIRED ON ALL ANCHOR RODS.

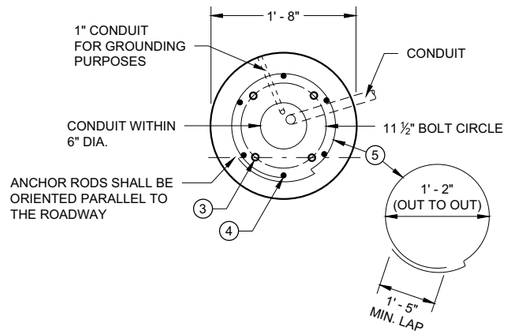
WHEN ANCHOR RODS USING THE ALTERNATE "L" BEND ARE FURNISHED, THE 4 INCH"L" BEND SHALL BE IN ADDITION TO THE SPECIFIED ANCHOR ROD BAR LENGTH. THE "L" BEND SHALL NOT BE THREADED.

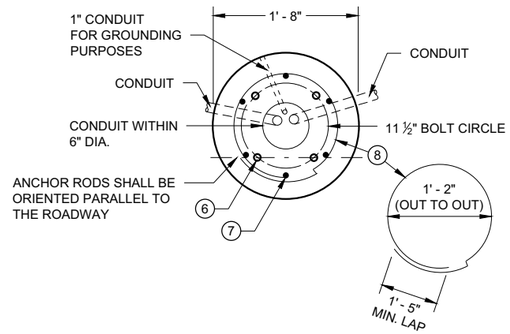
ANCHOR RODS SHALL BE INSTALLED WITH MISALIGNMENTS OF LESS THAN 1:40 FROM VERTICAL.

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).







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

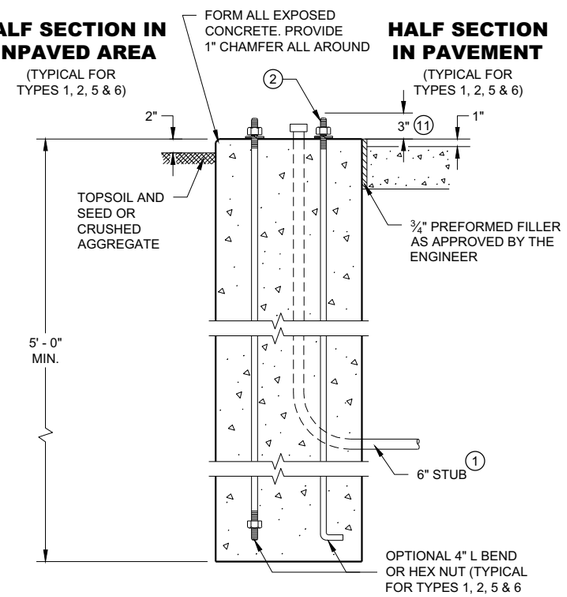
10 ⅝" DIA. X 8' -0" COPPERCLAD EQUIPMENT GROUNDING ELECTRODE REQUIRED

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.

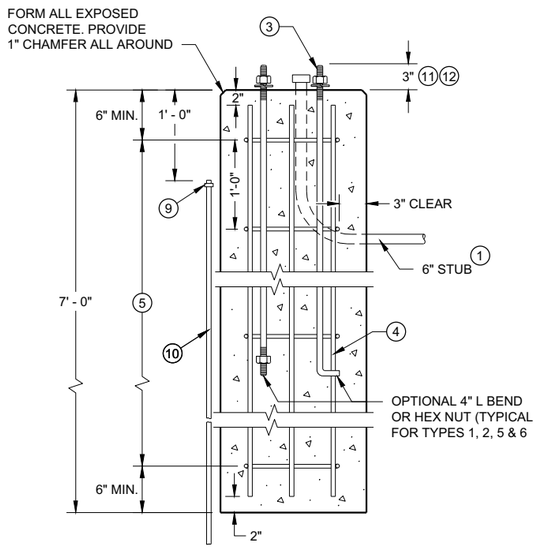
12 FOR NON - BREAKAWAY INSTALLATIONS, 4 ½" ± ANCHOR ROD PROJECTION WITH THE USE OF LEVELING NUTS. RODENT SCREEN REQUIRED.

HALF SECTION IN UNPAVED AREA
(TYPICAL FOR TYPES 1, 2, 5 & 6)

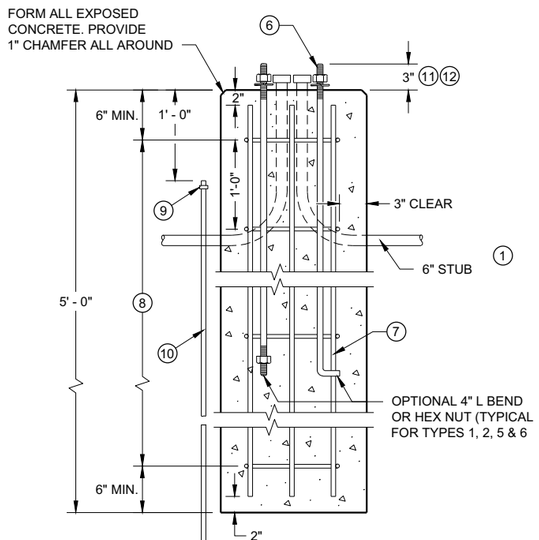
HALF SECTION IN PAVEMENT
(TYPICAL FOR TYPES 1, 2, 5 & 6)



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

FHWA

160

SDD 09C02 - 09

SDD 09C02 - 09

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6

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.

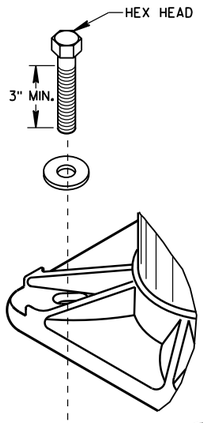
THE MECHANICAL CONNECTOR SHALL BE INSTALLED USING A 1/4" - 20 (TPI) STAINLESS STEEL HEX HEAD BOLT OF SUFFICIENT LENGTH TO FIRMLY ATTACH THE LUG TO THE BASE.

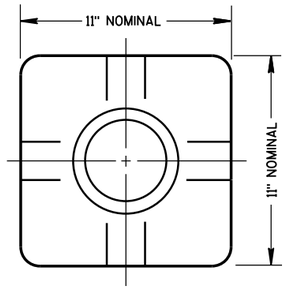
SHOULD THE MANNER OF ATTACHMENT OF THE LUG REQUIRE WASHERS, HEX NUTS, LOCK WASHER - THEY SHALL BE STAINLESS STEEL AS IS THE BOLT. THE MANNER OF ATTACHMENT SHALL NOT BLOCK ACCESSIBILITY TO WIRE PLACEMENT IN THE CONNECTOR.

PEDESTAL BASE COLLAR THREADING SHALL BE TAPERED AND IN ACCORDANCE WITH NATIONAL PIPE THREADING DIMENSIONS.

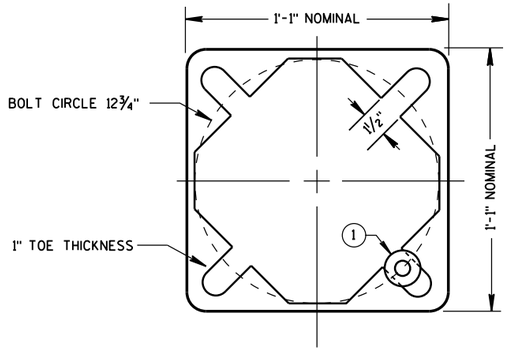
BASE COLLAR THREADING SHALL EXTEND INTO THE BASE COLLAR WITH SUFFICIENT DEPTH TO ACCEPT THE INSTALLATION OF TRAFFIC SIGNAL STANDARDS TO A DEPTH OF 1 1/2", THEN TIGHTENING TO A POINT OF BEING IMMOVABLE.

THE ACCESS DOOR SHALL BE OF THE SAME MATERIAL AS THE BASE.

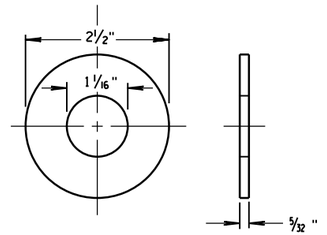




TOP VIEW
(PEDESTAL BASE)

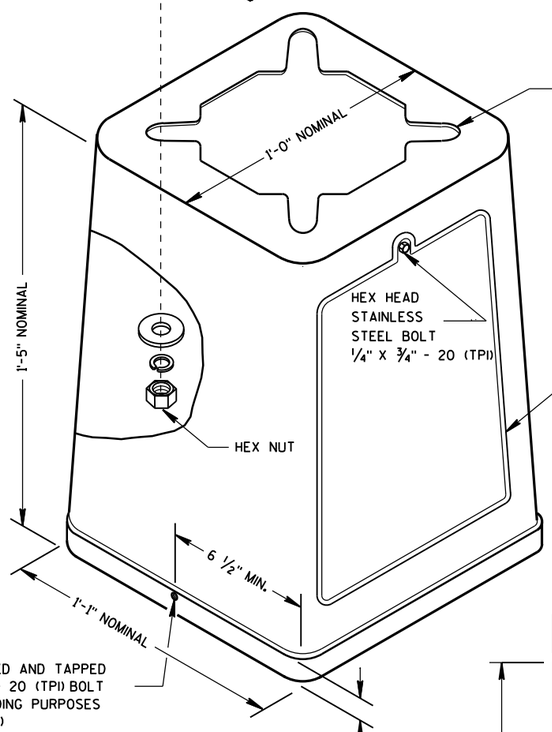


BOTTOM VIEW
(PEDESTAL BASE)

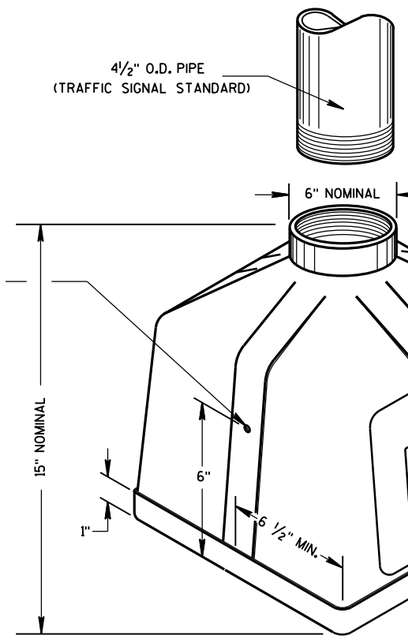


ZINC COATED STEEL WASHER
TO BE PROVIDED BY THE CONTRACTOR

PEDESTAL BASE WASHER (1)

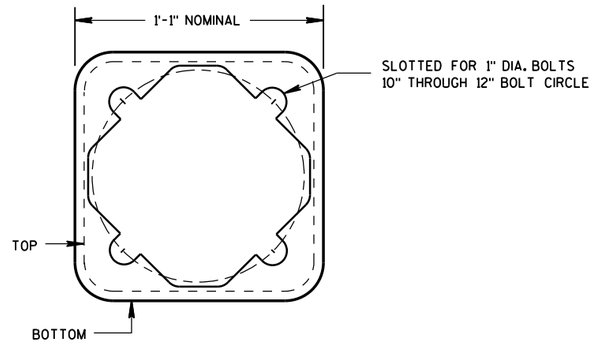


ISOMETRIC VIEW

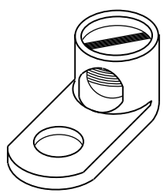


ISOMETRIC VIEW

PEDESTAL BASE



BOTTOM VIEW
(TRANSFORMER BASE)

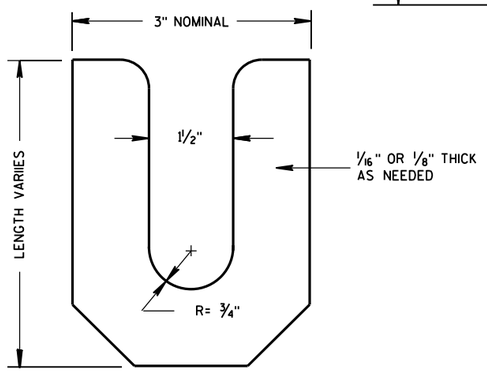


TYPICAL MECHANICAL CONNECTOR LUG

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

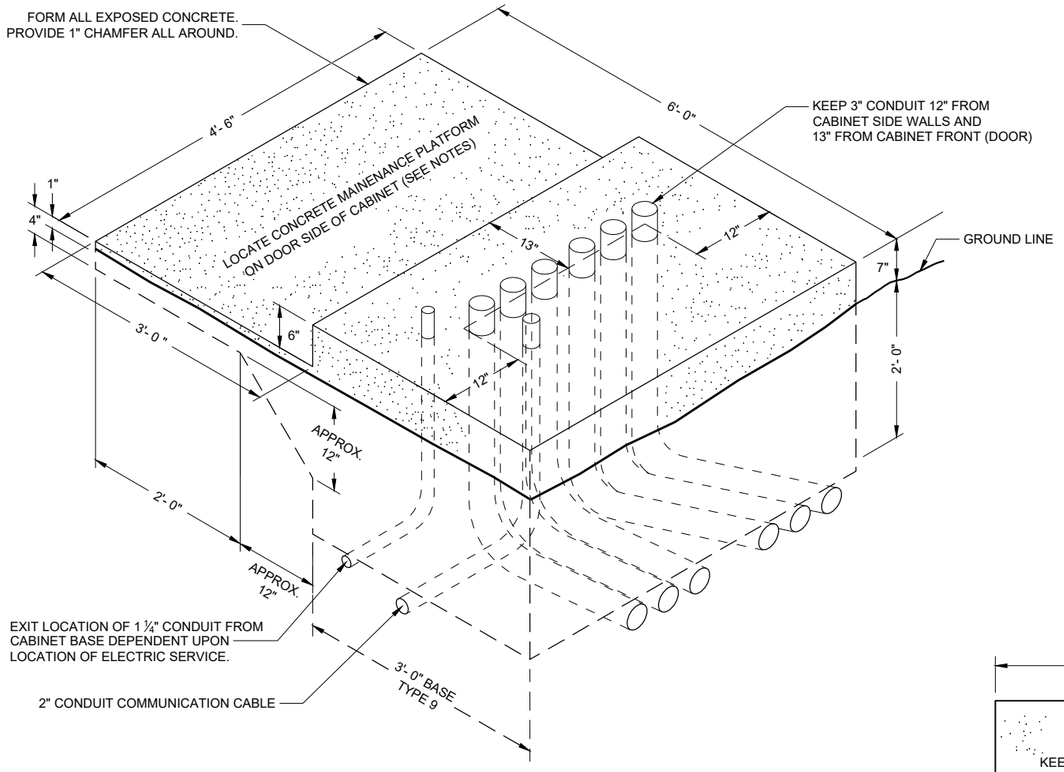
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S.D.D. 9 C 3-4

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S.D.D. 9 C 3-4

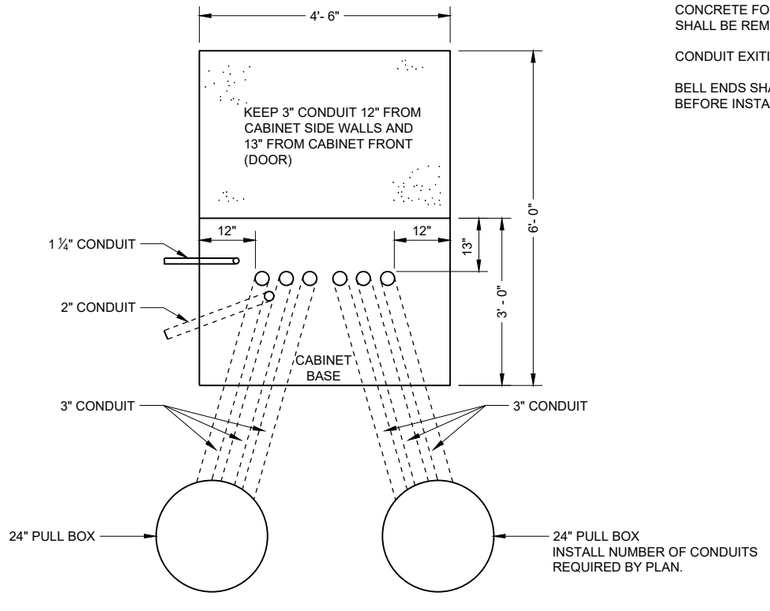
SDD 09C06 Concrete Control Cabinet Base, Type 9, Special



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

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.

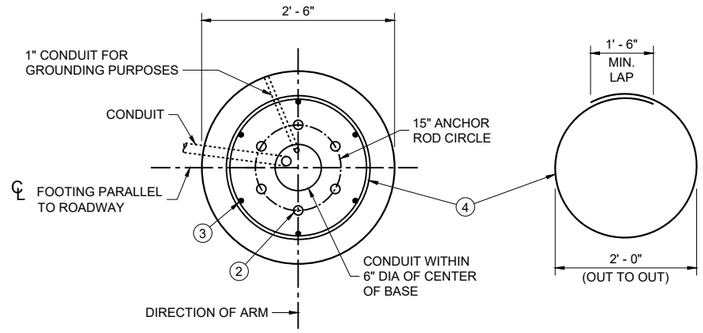
(2) (6) 1 ½ DIA. X 4' - 4" ANCHOR RODS

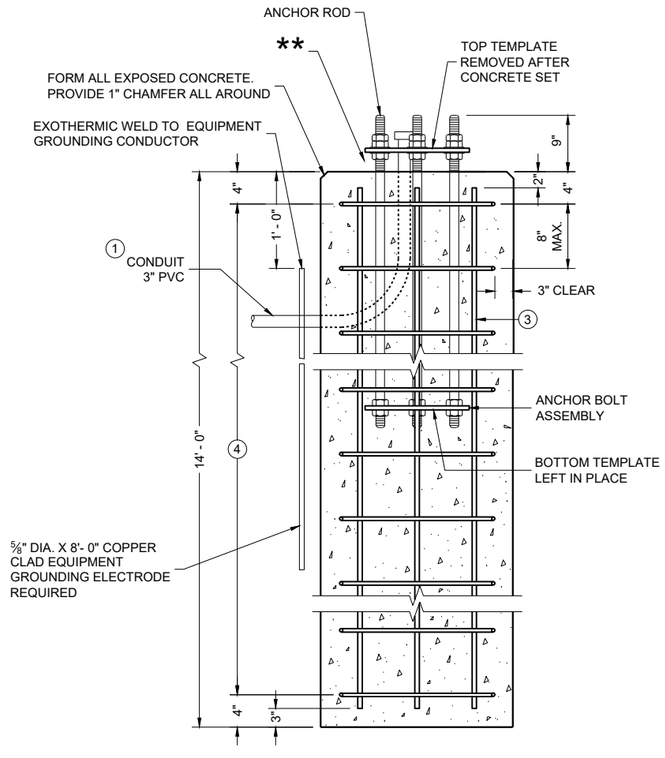
(3) (6) NO. 6 X 13' - 7" BAR STEEL REINFORCEMENT.

(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.

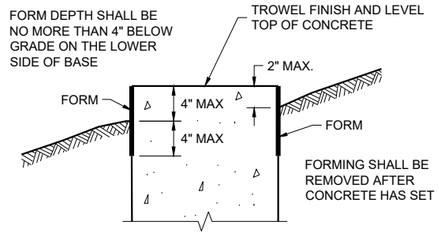
QUANTITY REQUIREMENTS	
APPROX. CUBIC YARDS OF CONCRETE	2.5
LBS. OF HOOP BAR STEEL	172
LBS. OF VERTICAL BAR STEEL	122



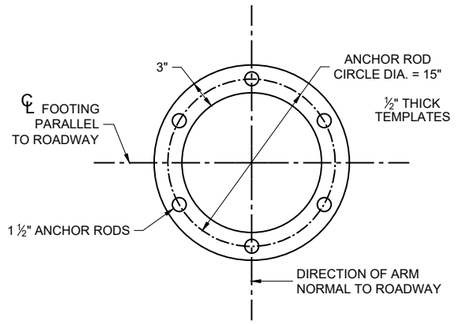


CONCRETE BASE, TYPE 10 SPECIAL OVER HEIGHT (FOR OVER HEIGHT TYPE 9 & OVER HEIGHT TYPE 10 SPECIAL POLES ONLY)

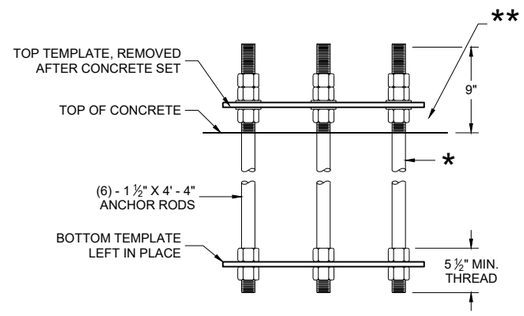
TO BE USED WHEN GROUND ELEVATION AT BASE EQUALS OR IS GREATER THAN HIGH POINT OF ROADWAY ELEVATION. SEE SDD 9C13 WHEN GROUND ELEVATION AT BASE IS LOWER THAN HIGH POINT OF ROADWAY ELEVATION.



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.

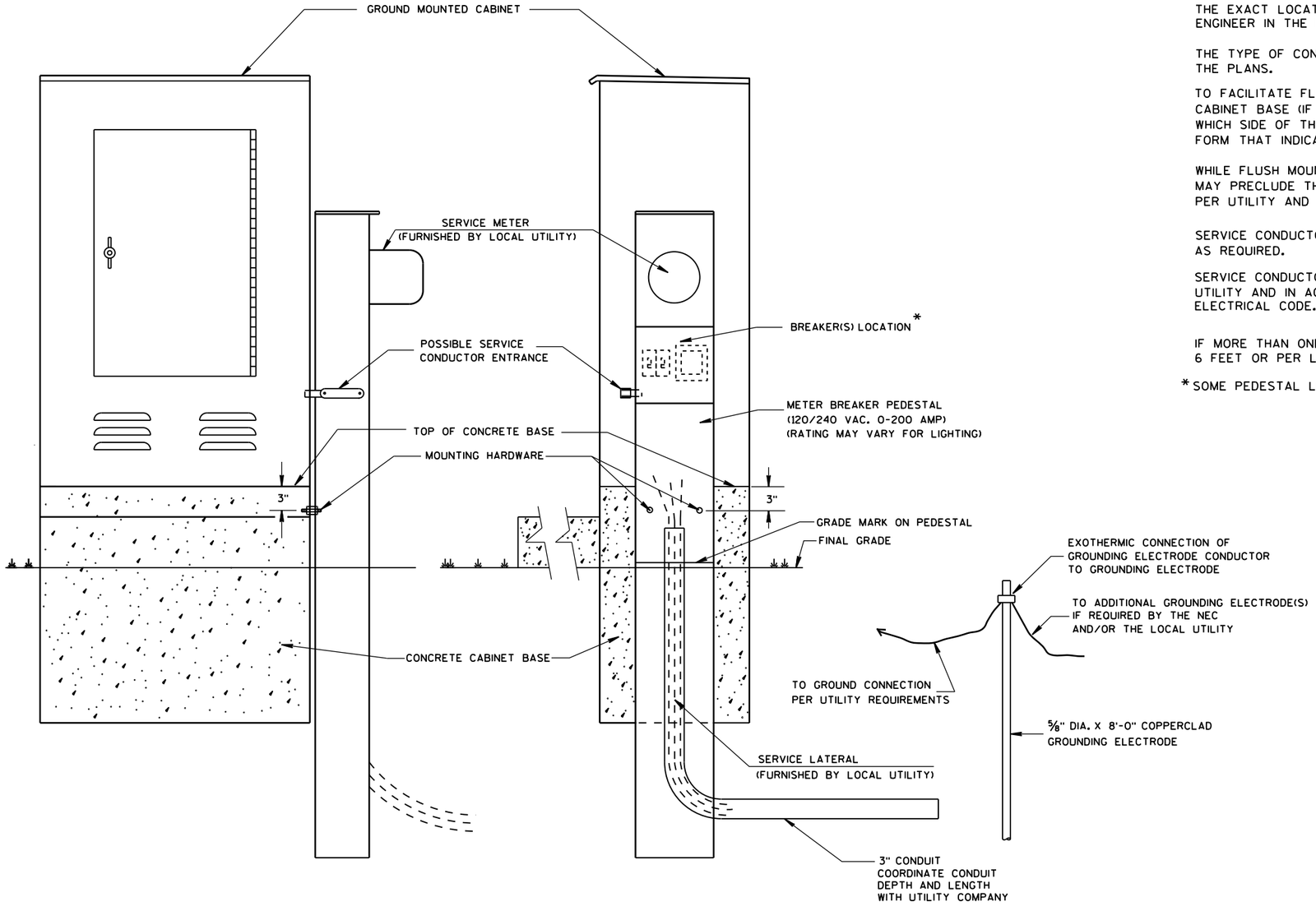
** RODENT PROTECTION REQUIRED

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



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.

6

S.D.D. 9 D 1-5

6

S.D.D. 9 D 1-5

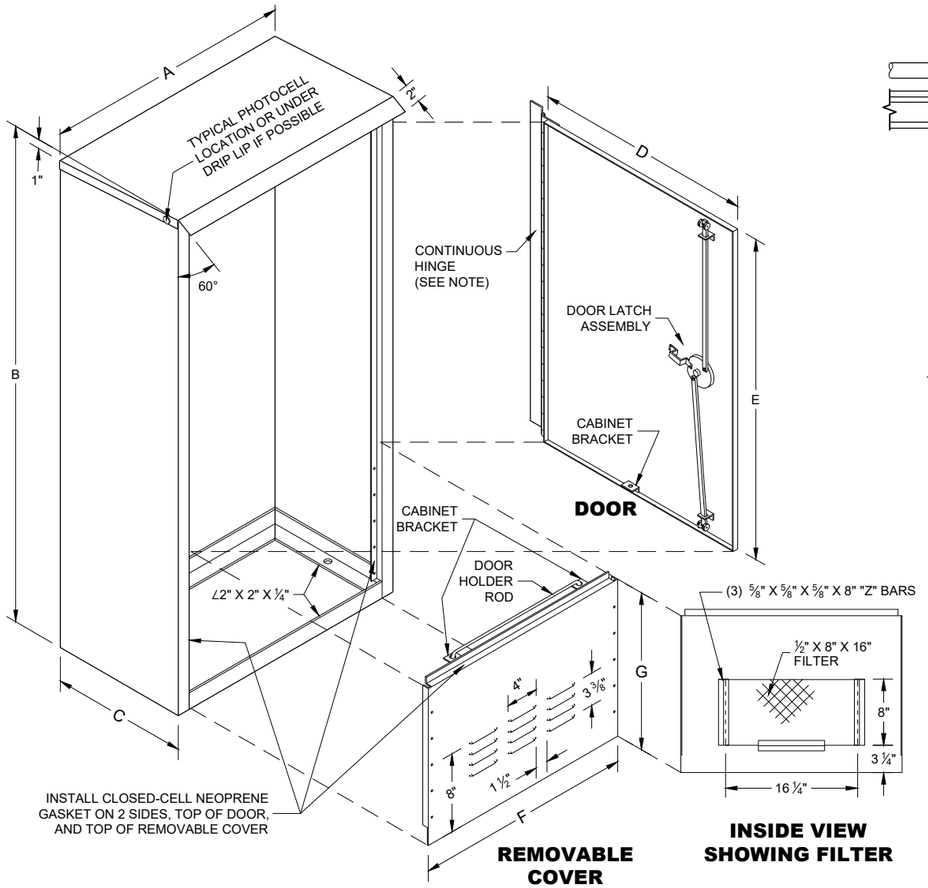
CABINET SERVICE INSTALLATION (METER BREAKER PEDESTAL)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
Sept. 2014
DATE

/S/ Ahmet Demirbilek
STATE ELECTRICAL

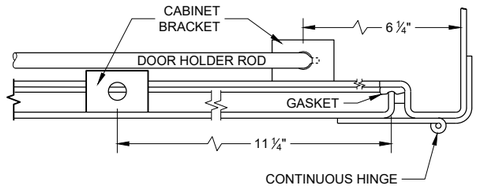
FHWA



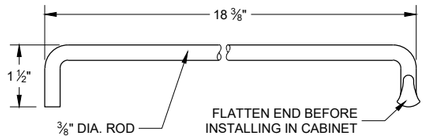
DOOR

REMOVABLE COVER

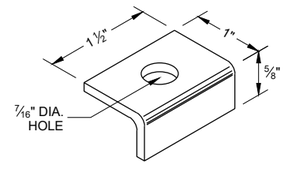
INSIDE VIEW SHOWING FILTER



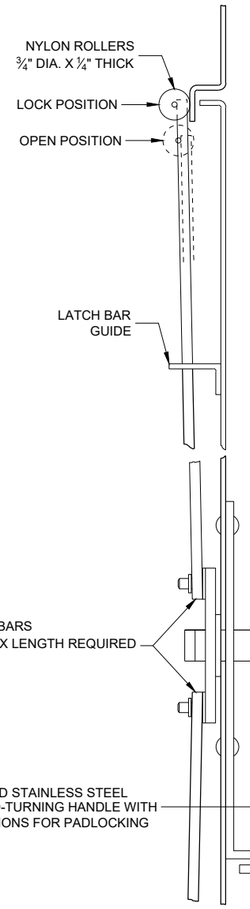
HINGE AND DOOR HOLDER

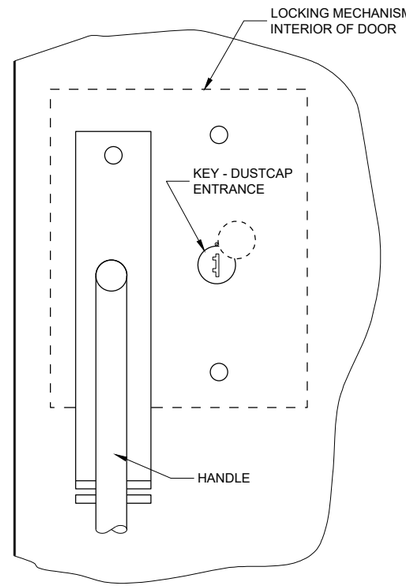


HOLDER ROD



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.

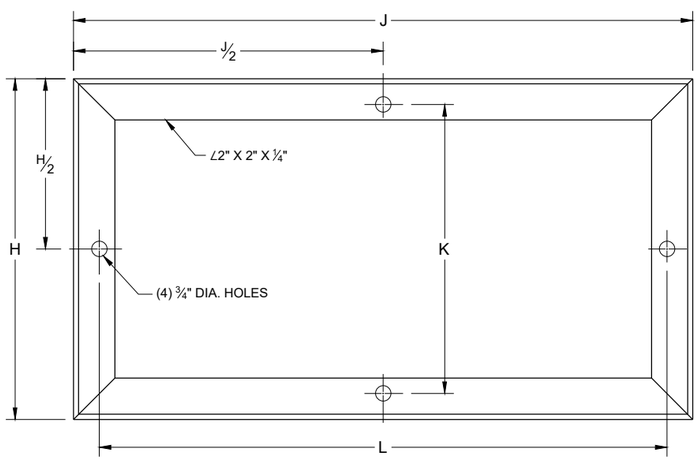
ALL SEAMS SHALL BE CONTINUOUSLY WELDED.

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.

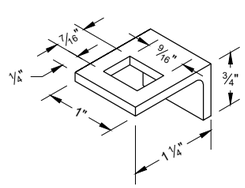
DOOR LATCH ASSEMBLY TO BE PROVIDED WITH THREE-POINT LOCKING MECHANISM.



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

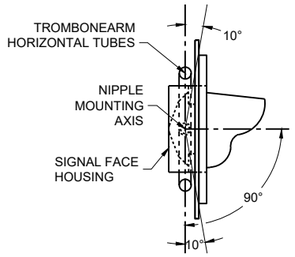
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
September 2014
DATE

/S/ Ahmet Demerbilek
STATE ELECTRICAL ENGI

FHWA

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SDD 09D02 - 03

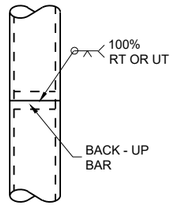


SECTION A-A

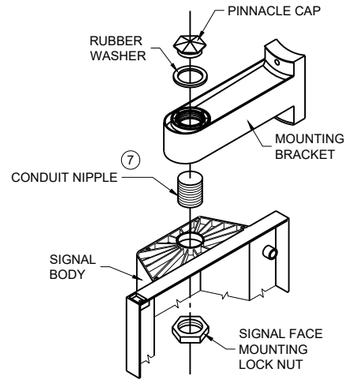
(10 DEGREES TILT REQUIREMENT OF FACE(S) IN THE TROMBONE MOUNTING)

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.

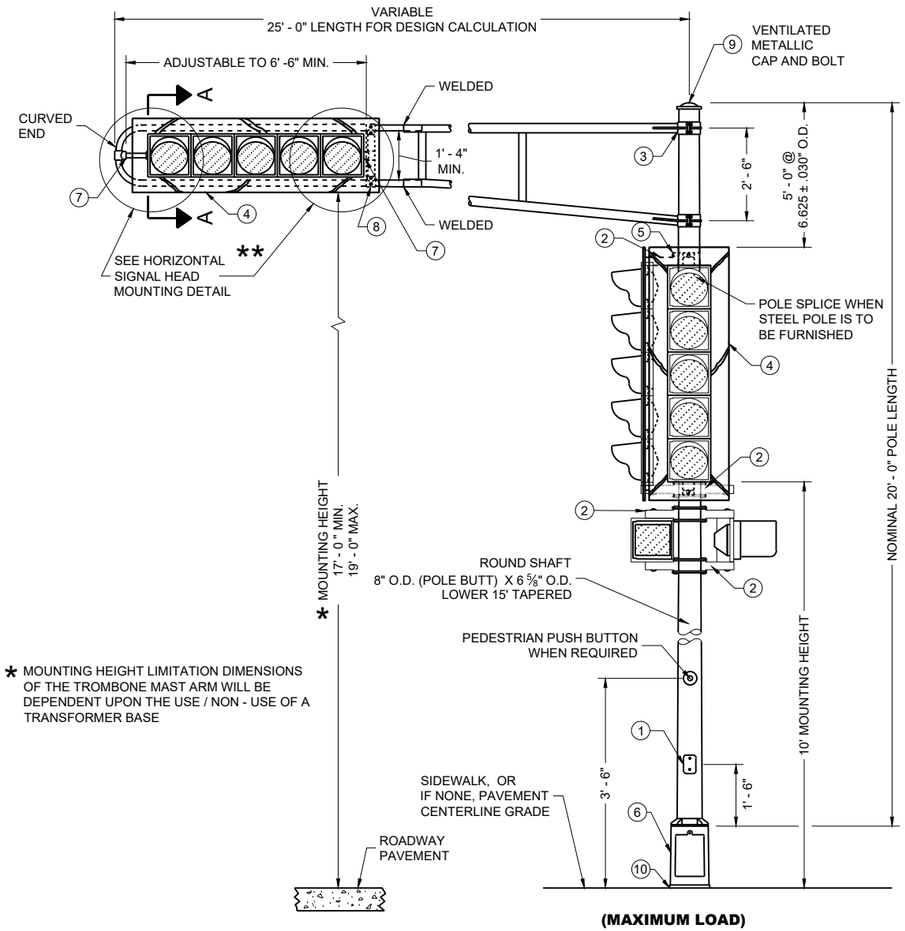


POLE SPLICE DETAIL



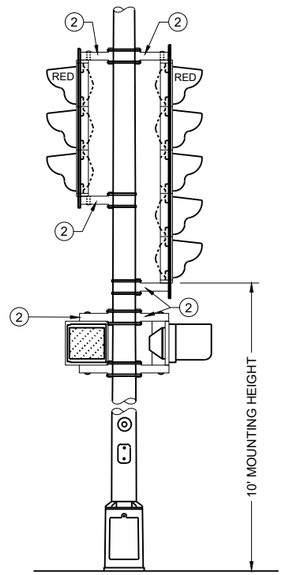
SIGNAL FACE MOUNTING DETAIL

(BANDED)

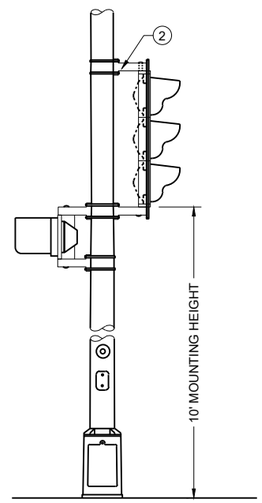


(MAXIMUM LOAD)

* MOUNTING HEIGHT LIMITATION DIMENSIONS OF THE TROMBONE MAST ARM WILL BE DEPENDENT UPON THE USE / NON - USE OF A TRANSFORMER BASE



TYPICAL MOUNTING OF BACK TO BACK 3 AND 5 SECTION SIGNAL FACES



TYPICAL MOUNTING OF 3 SECTION SIGNAL FACE

TYPE 2 POLE MOUNTING CONFIGURATION

GENERAL NOTES

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

POLES SHALL BE EITHER ALUMINUM OR GALVANIZED STEEL AS CALLED FOR IN THE CONTRACT.

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.

TYPE 2 ALUMINUM POLES SHALL BE CONSTRUCTED OF 6063 - T6 ALUMINUM ALLOY. SLEEVING INSIDE THE POLE IS NOT ACCEPTABLE.

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 FACES.

(6) CAST ALUMINUM TRANSFORMER BASE.

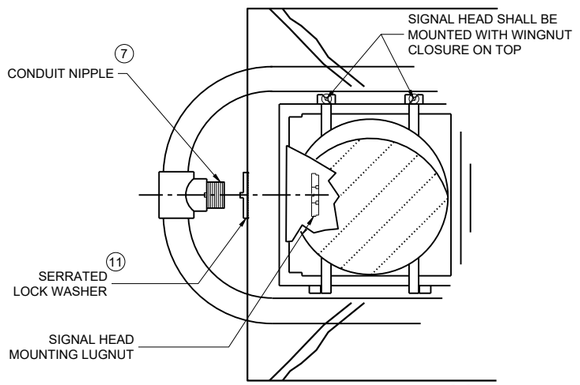
(7) USE 1 ½" ID NIPPLES ZINC-COATED RIGID METAL CONDUIT, LONG ENOUGH TO ACCOMMODATE FULL DEPTH THREADING INTO THE HEAD MOUNTING LOCK NUT IN ORDER TO TIGHTEN THE FACE, BUT THAT DO NOT INTERFERE WITH REFLECTOR CLOSURE. THREAD THE NIPPLE INTO THE MOUNTING BRACKET/ELBOW UNTIL TIGHT. USE APPROVED PINNACLE 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 STRUTS THE SLIDING TYPE.

(9) FURNISH AND INSTALL VENTILATED, CAST METALLIC (ALUMINUM ALLOY) CAPS. FASTEN CAPS WITH ONE (1) - 20 TPI STAINLESS STEEL, HEX HEAD BOLT.

(10) SHIMMING, IF NEEDED, SHALL BE LOCATED BETWEEN THE CONCRETE FOUNDATION AND THE TRANSFORMER BASE.

(11) USE SERRATED LOCK WASHERS WITH NOTCHES BETWEEN END TEE AND SIGNAL HEAD.



HORIZONTAL SIGNAL HEAD ** MOUNTING DETAIL

** SIGNAL HEAD ATTACHMENT ALSO APPLIES TO MOUNTING AT CROSS BAR

POLE MOUNTINGS FOR TRAFFIC SIGNALS TYPE 2

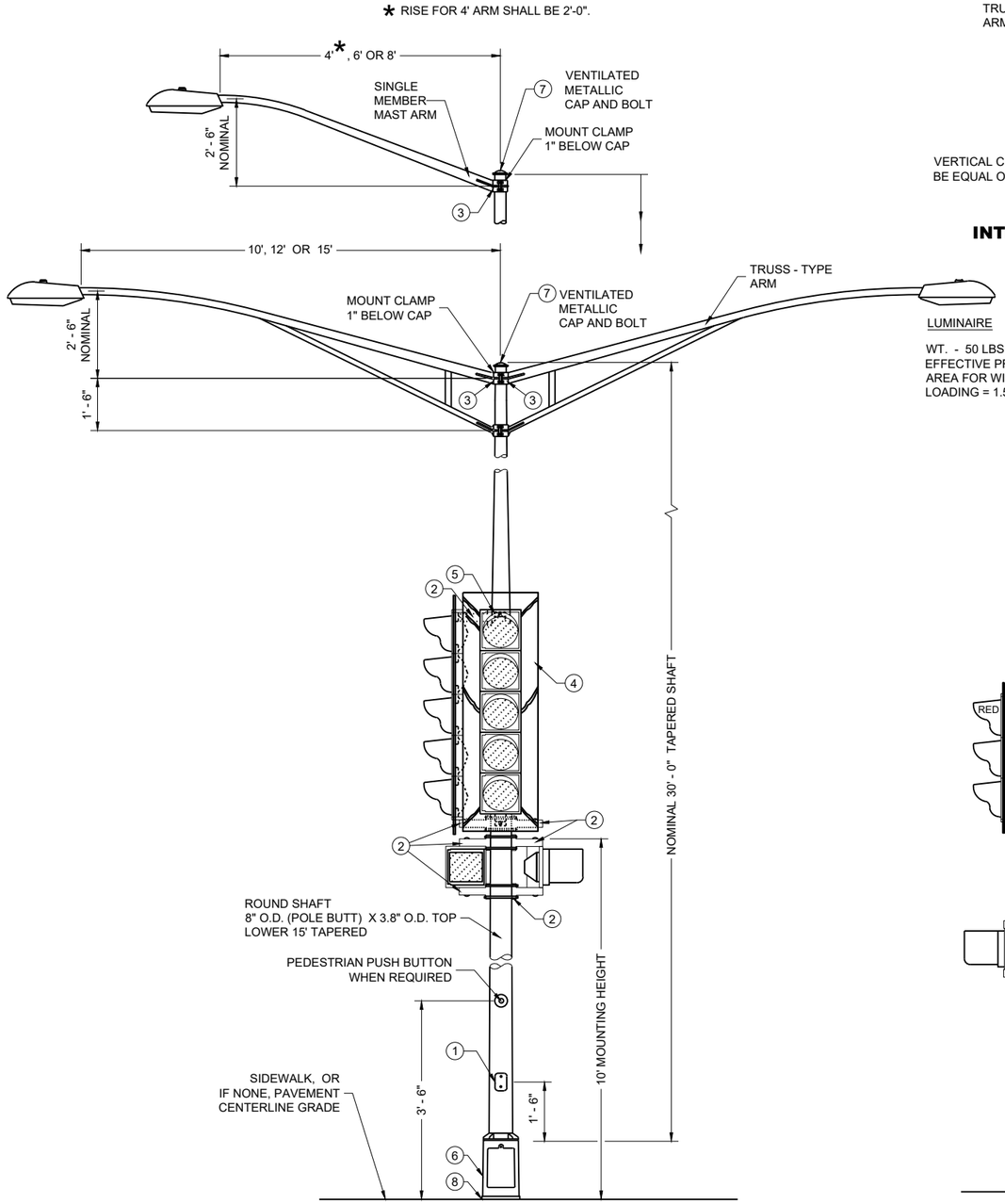
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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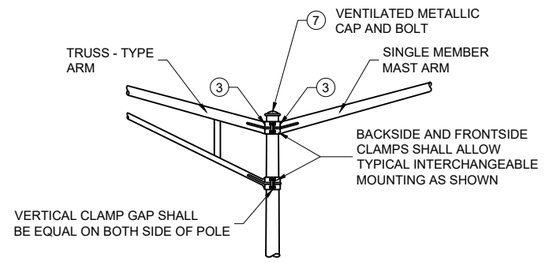
SDD 09E01-17a

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SDD 09E01-17a



(MAXIMUM LOAD)



INTERCHANGEABLE MOUNTING DETAIL

LUMINAIRE

WT. - 50 LBS.
EFFECTIVE PROJECTED AREA FOR WIND LOADING = 1.5 SQ. FT.

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 WITH A MINIMUM WALL THICKNESS OF U.S. STANDARD 11 GAGE (.1196").

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.

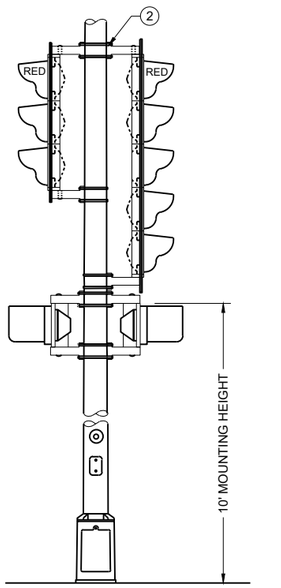
(5) POLE MOUNTED SIGNAL FACES SHALL REQUIRE ONE OR MORE MOUNTING SPACERS UNDER THE TOP MOUNTING BRACKET(S) AS REQUIRED, TO PLUMB THE SIGNAL FACE.

(6) CAST ALUMINUM TRANSFORMER BASE. WHEN REQUIRED.

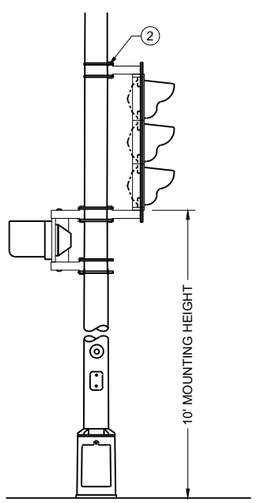
(7) FURNISH AND INSTALL VENTILATED, CAST METALLIC (ALUMINUM ALLOY) CAPS. FASTEN CAPS WITH ONE (1) ¼"X¾" - 20 TPI STAINLESS STEEL, HEX HEAD BOLT.

(8) SHIMMING, IF NEEDED, SHALL BE LOCATED BETWEEN THE CONCRETE FOUNDATION AND POLE.

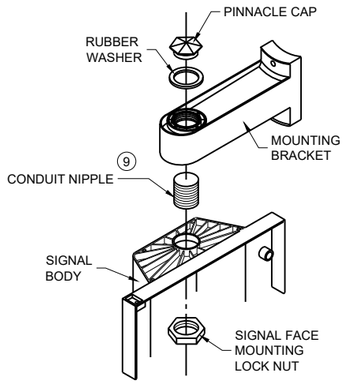
(9) USE 1 ½" ID NIPPLES ZINC-COATED RIGID METAL CONDUIT, LONG ENOUGH TO ACCOMMODATE FULL DEPTH THREADING INTO THE HEAD MOUNTING LOCK NUT IN ORDER TO TIGHTEN THE FACE, BUT THAT DO NOT INTERFERE WITH REFLECTOR CLOSURE. THREAD THE NIPPLE INTO THE MOUNTING BRACKET/ELBOW UNTIL TIGHT. USE APPROVED PINNACLE TYPE HARDWARE FROM A DEPARTMENT APPROVED MANUFACTURER TO CLOSE THE UNUSED 1 ½" OPENING IN SIGNAL FACES AND BRACKET ENDS.



TYPICAL MOUNTING OF BACK TO BACK 3 AND 5 SECTION SIGNAL FACES



TYPICAL MOUNTING OF 3 SECTION SIGNAL FACE



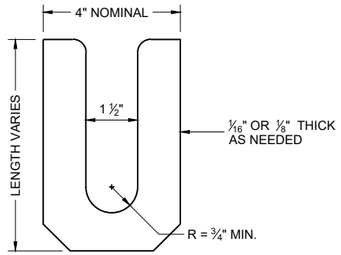
SIGNAL FACE MOUNTING DETAIL

(BANDED)

TYPE 3 POLE MOUNTING CONFIGURATION

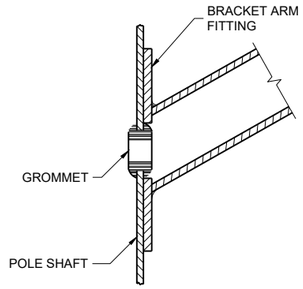
POLE MOUNTINGS FOR TRAFFIC SIGNALS AND LIGHTING UNITS, TYPE 4

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

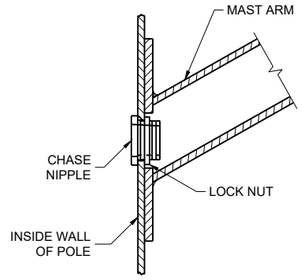


①

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.

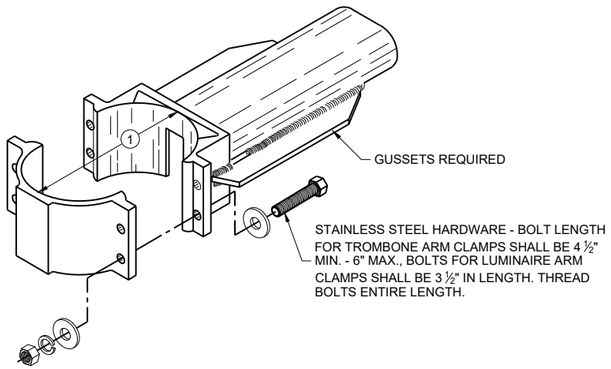
① 4.5" I.D. FOR LUMINAIRE MAST ARM CLAMP. 6.625" I.D. FOR TROMBONE MAST ARM CLAMP.

② INDIVIDUAL BASE PLATE ANCHOR ROD COVERS. (4 REQUIRED)

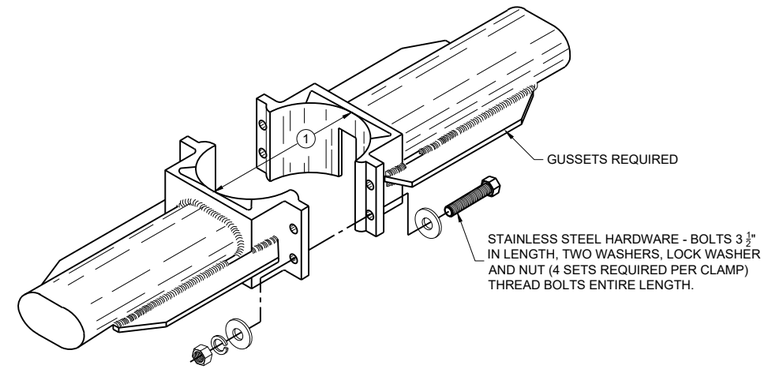
③ BASE PLATE SLOTTED TO ACCEPT 11" THROUGH 12" BOLT CIRCLE USING 1" DIAMETER ANCHOR RODS.

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.

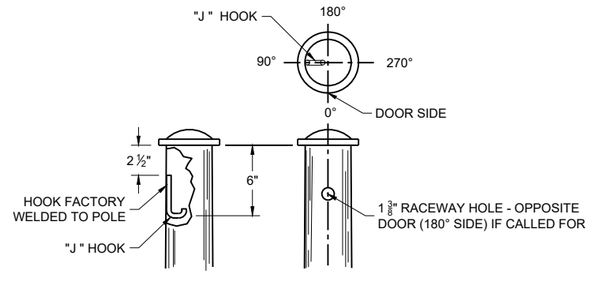
SHIMS SHALL BE LONG ENOUGH AND WIDE ENOUGH TO COMPLETELY COVER THE AREA UNDER THE LENGTH AND WIDTH OF THE BASE MOUNTING FLANGE.



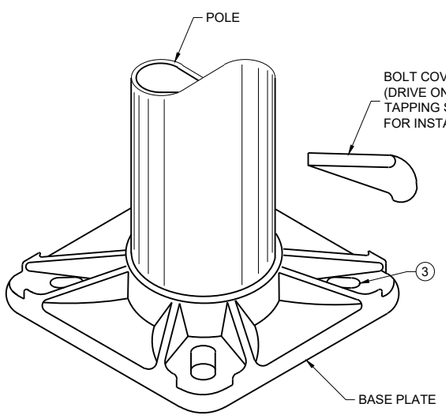
TYPICAL TROMBONE MAST ARM AND SINGLE LUMINAIRE MAST ARM MOUNTING CLAMP



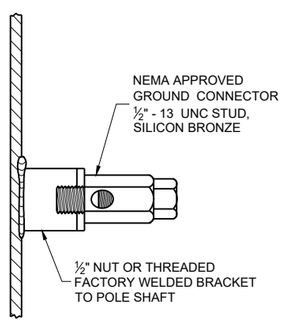
TYPICAL LUMINAIRE MAST ARM (DOUBLE) MOUNTING BRACKETS

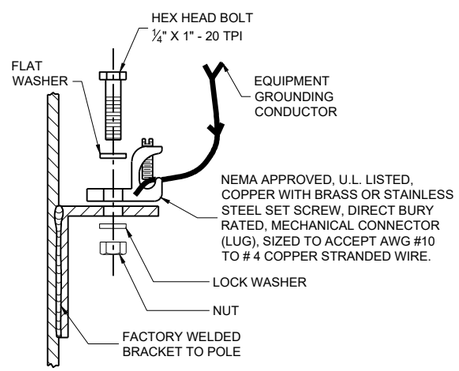


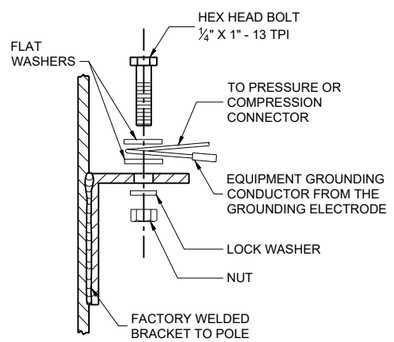
TYPICAL "J" HOOK LOCATION



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

FHWA

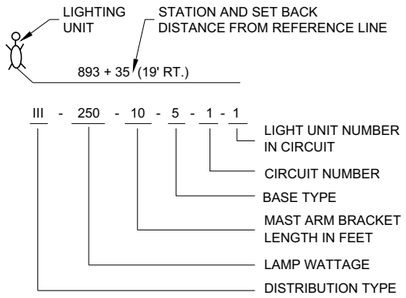
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SDD 09E01-17g

GENERAL NOTES

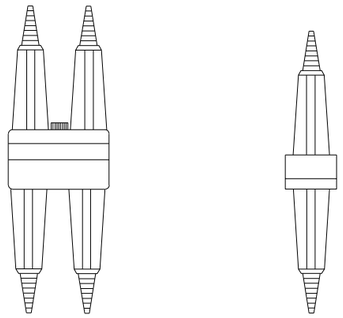
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

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.

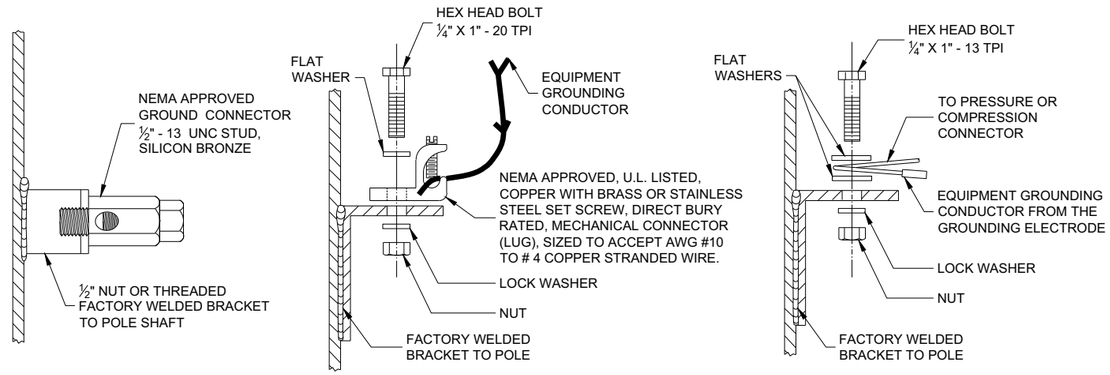


LIGHTING UNIT CODE
(TYPICAL)

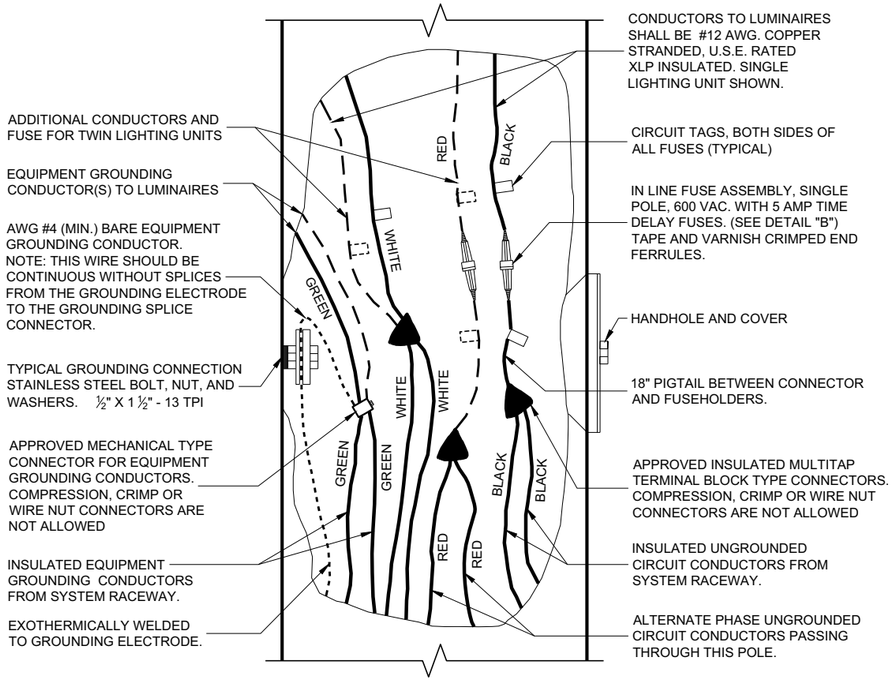


DETAIL "A"
BREAKAWAY DOUBLE POLE WITH WATERPROOF INSULATING BOOT

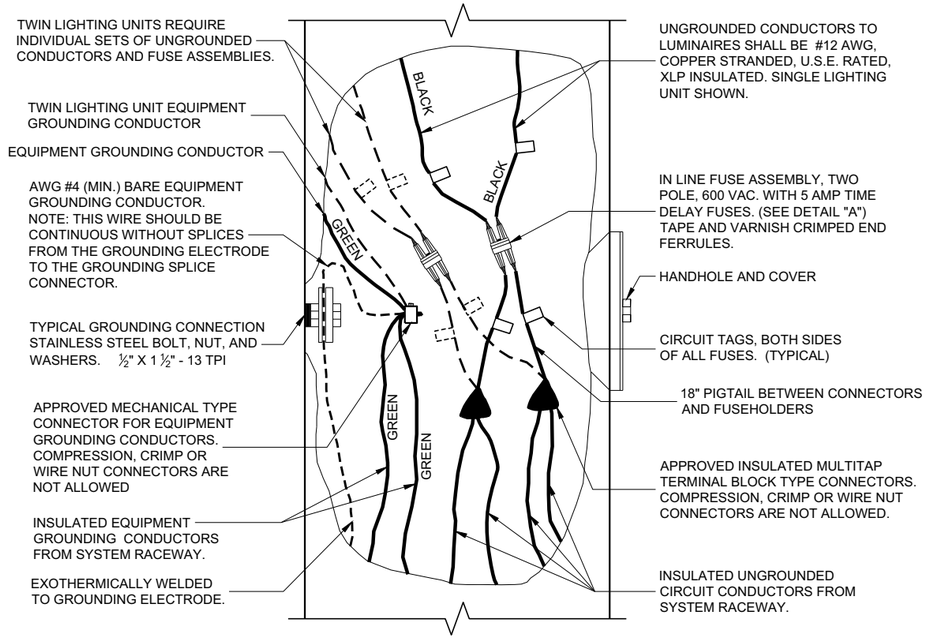
DETAIL "B"
BREAKAWAY SINGLE POLE WITH WATERPROOF INSULATING BOOT



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

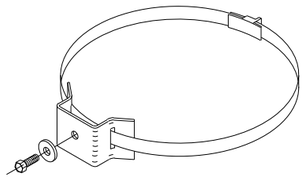
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2018
DATE
/S/ Ahmet Demirbilek
STATE ELECTRICAL ENGI

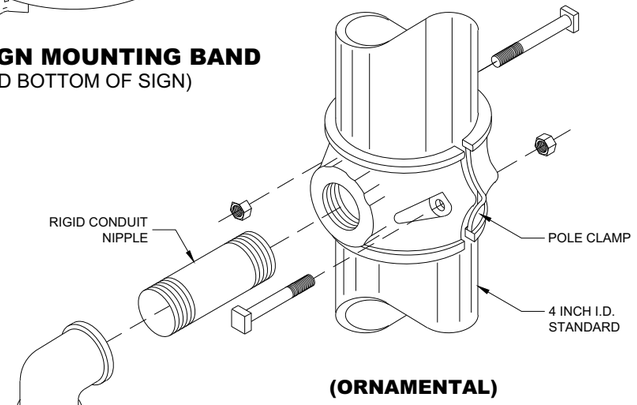
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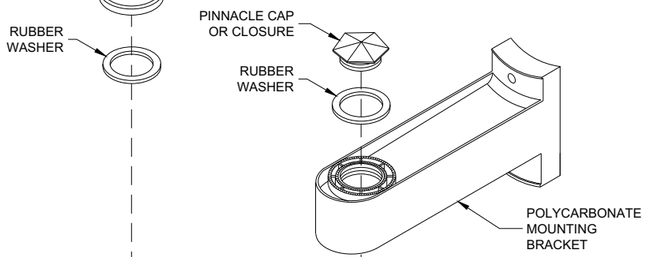
SDD 09E03 - 06



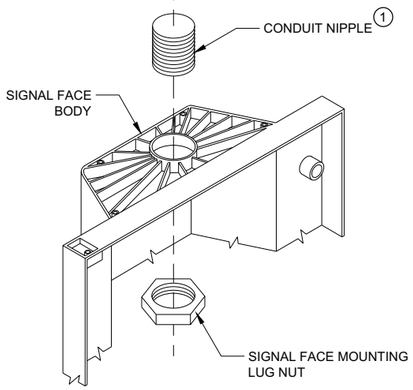
TYPICAL SIGN MOUNTING BAND
(TOP AND BOTTOM OF SIGN)



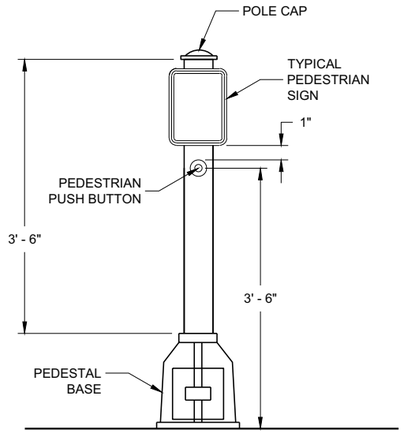
(ORNAMENTAL)



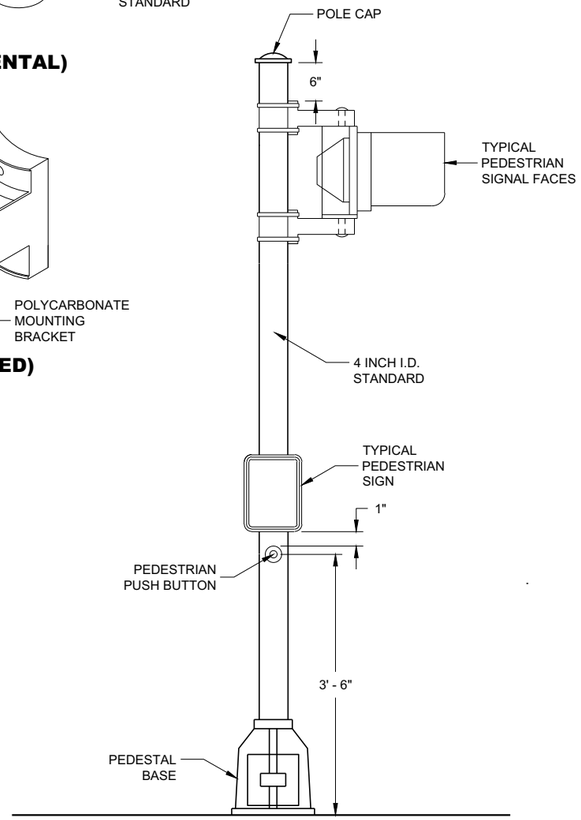
(BANDED)



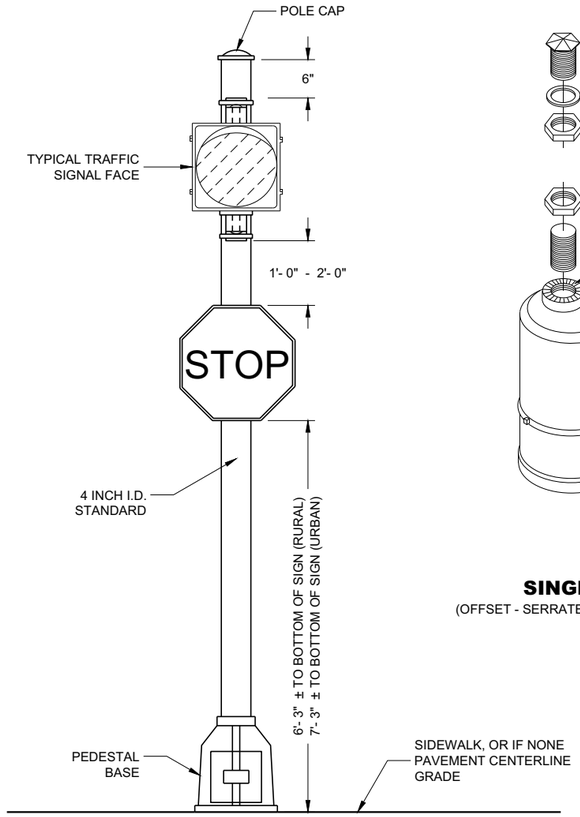
SIGNAL FACE MOUNTING DETAILS



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.

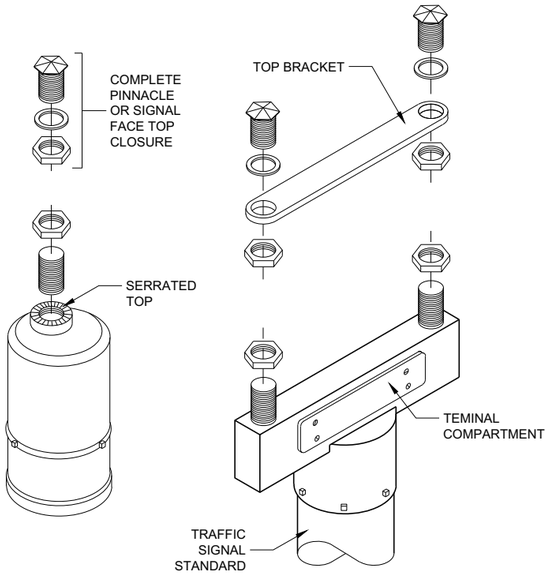
LENGTH OF TRAFFIC STANDARDS SHALL BE AS SHOWN ON THE PLANS.

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

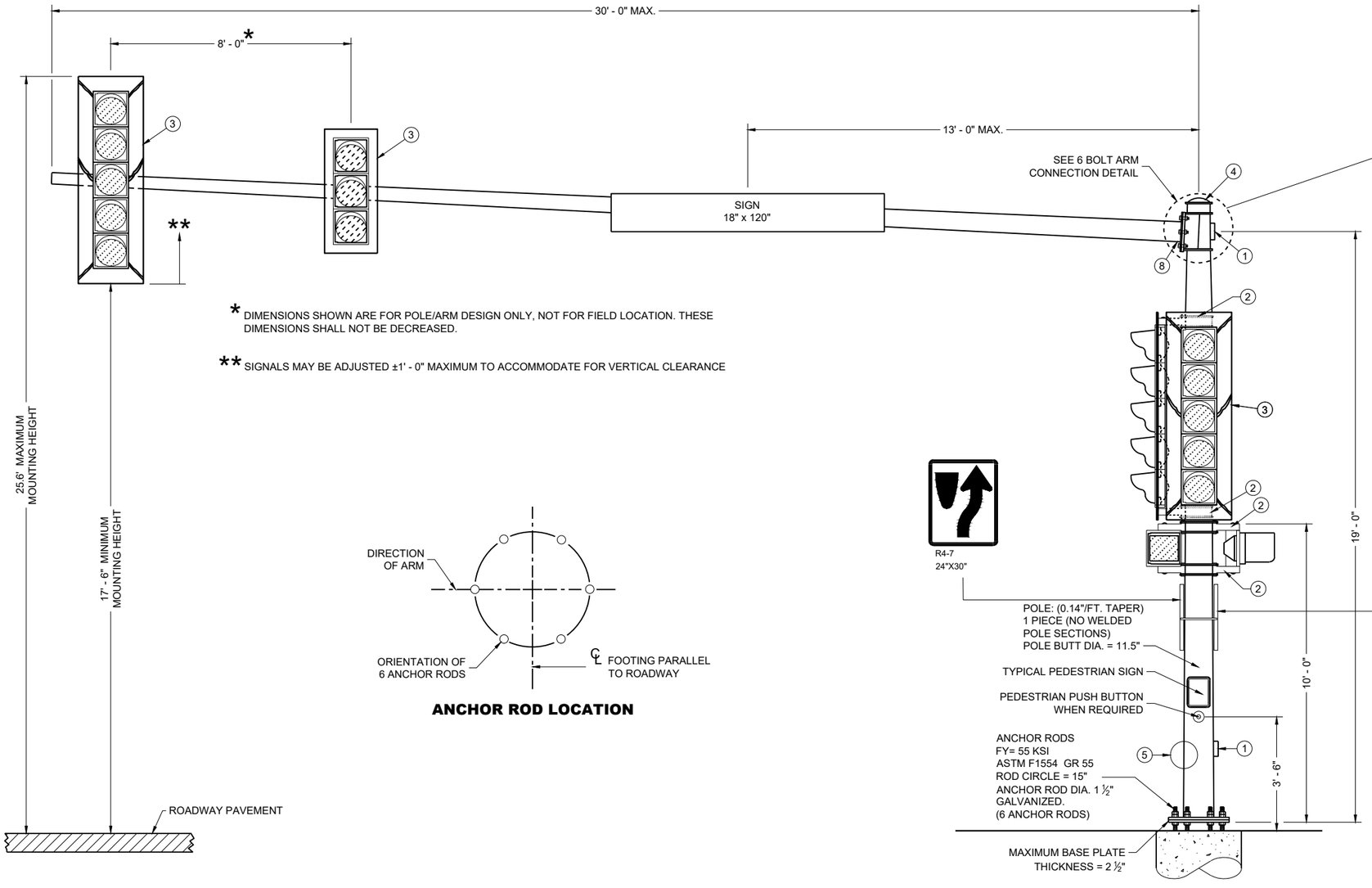
APPROVED
November 2018
DATE

/S/ Ahmet Demirbilek
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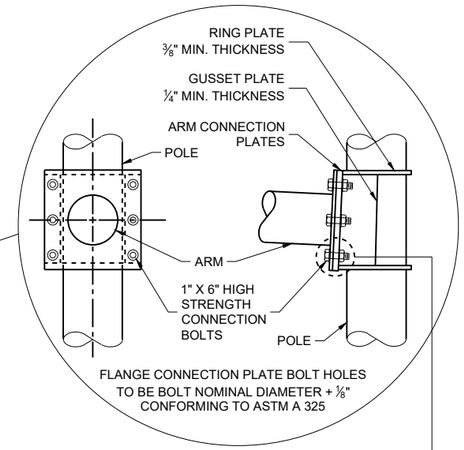
SDD 09E07 - 06



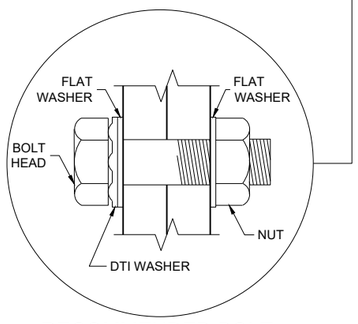
* DIMENSIONS SHOWN ARE FOR POLE/ARM DESIGN ONLY, NOT FOR FIELD LOCATION. THESE DIMENSIONS SHALL NOT BE DECREASED.

** 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)

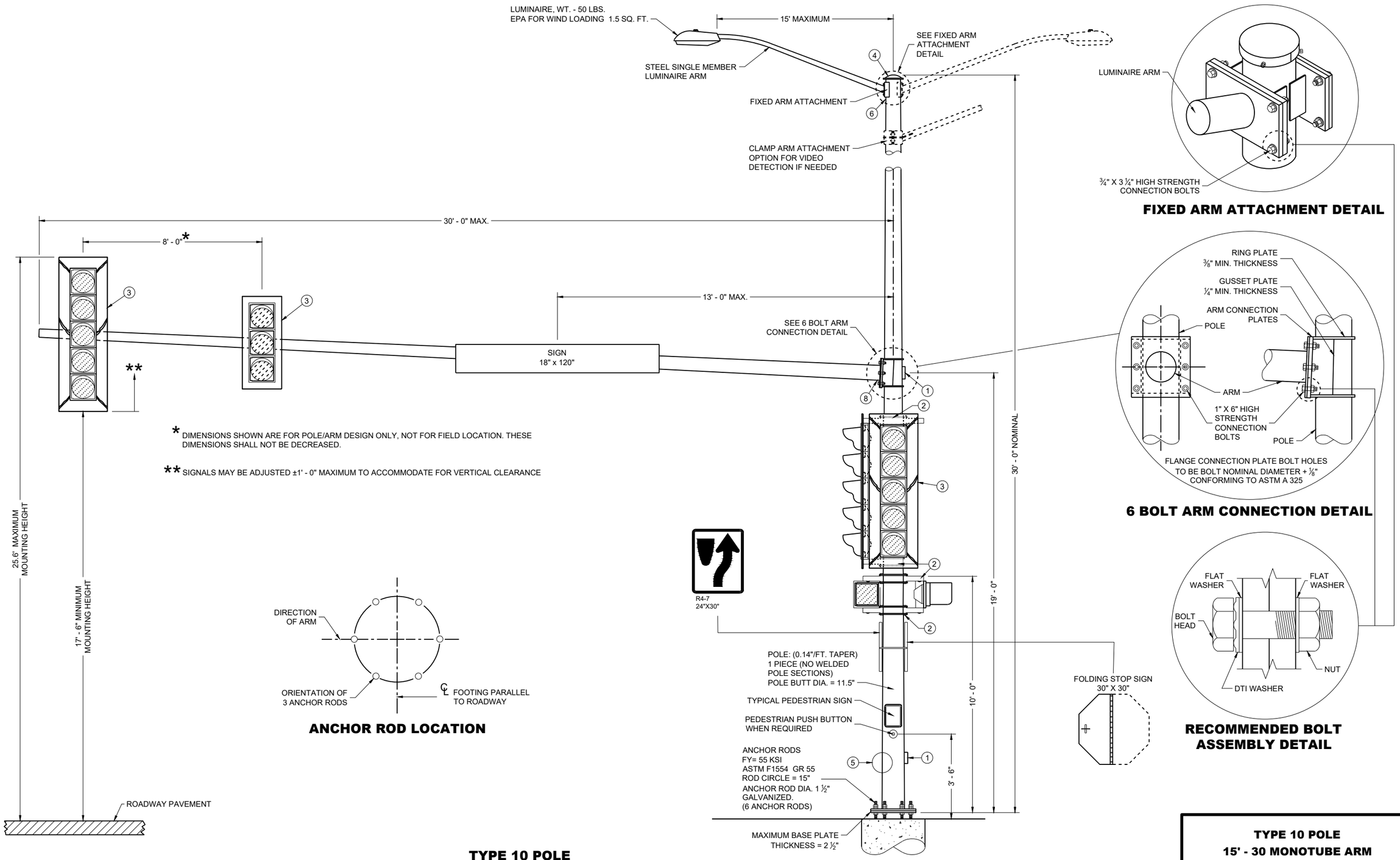
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SDD 09E08-11a

TYPE 9 POLE
15' - 30' MONOTUBE ARM

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

SDD 09E08-11a



* 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

FIXED ARM ATTACHMENT DETAIL

6 BOLT ARM CONNECTION DETAIL

RECOMMENDED BOLT ASSEMBLY DETAIL

TYPE 10 POLE
15' - 30' MONOTUBE ARM
(MAXIMUM LOAD)

TYPE 10 POLE
15' - 30 MONOTUBE ARM

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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.

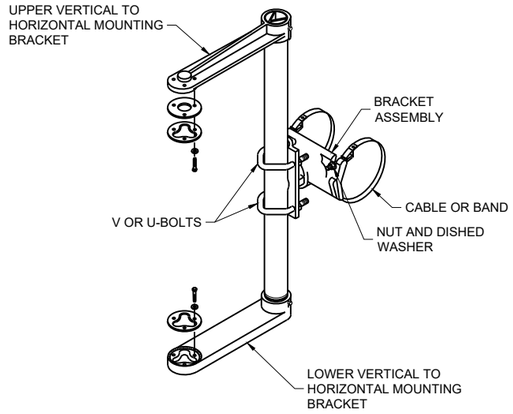
(6) FACTORY WELDED "J" HOOK FOR STRAIN RELIEF FOR POLE LUMINAIRE WIRE.

(7) INSTALL STRUCTURAL IDENTIFICATION PLAQUES.

STRUCTURAL IDENTIFICATION PLAQUES SHALL BE PLACED ON THE POLES IN THE SAME DIRECTION AS THE ARM.

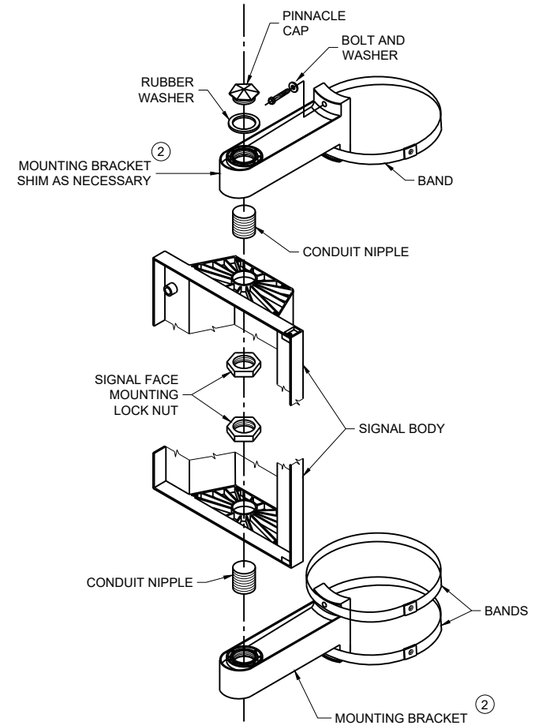
MOUNTING HEIGHT SHALL BE 6' - 0" ABOVE THE CURB OR SHOULDER. ADJUST IF IT IS KNOWN THAT REQUIRED TRAFFIC SIGNS WILL BE OBSTRUCTED.

(8) FACTORY DRILLED ½" DRAIN HOLE 2" FROM FLANGE CONNECTION PLATE.

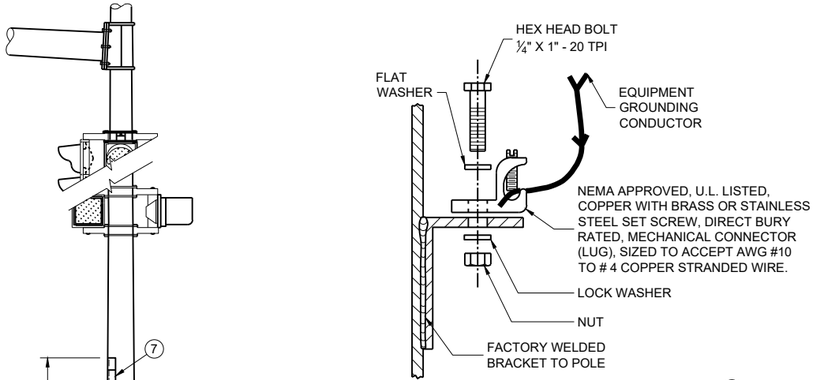


SIGNAL FACE MOUNTING BRACKET DETAIL FOR MONOTUBE ARM

(MOUNT PER MANFACTURER'S RECOMMENDATION)

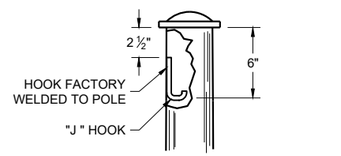


SIGNAL FACE VERTICAL MOUNTING DETAIL



TYPICAL GROUNDING CONNECTIONS (5)

NUT, BOLT AND WASHERS SHALL BE STAINLESS STEEL



TYPICAL "J" HOOK WIRE SUPPORT (6)

STRUCTURAL IDENTIFICATION PLAQUE PLACEMENT

GENERAL NOTES AND HARDWARE FOR TYPES 9,10, 9/10 SPECIAL, 12 AND 13 POLES WITH MONOTUBE ARMS

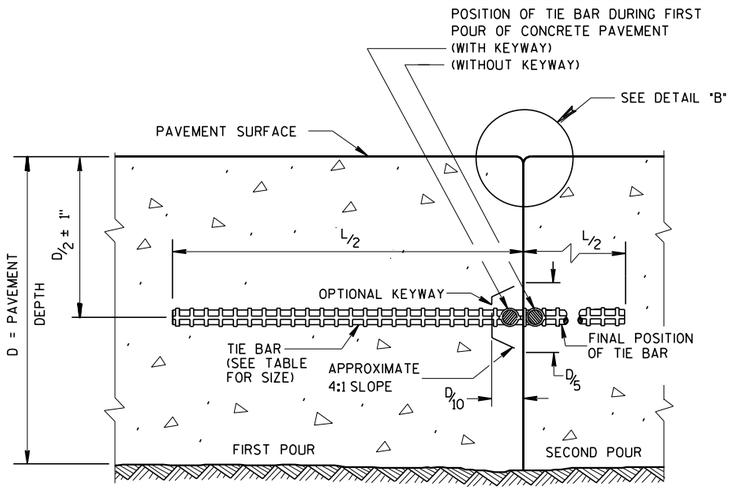
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2026
DATE

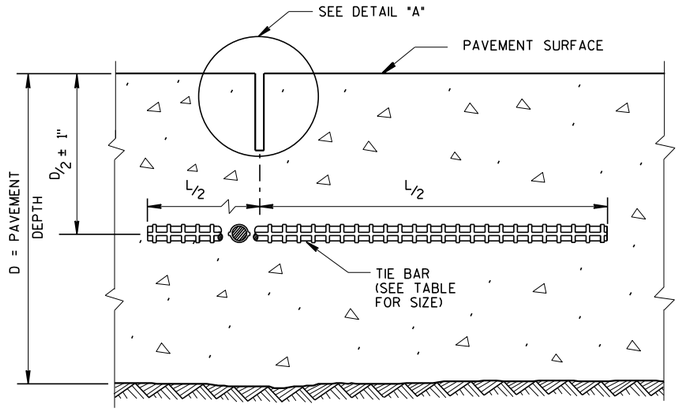
/S/ Ahmet Demirbilek
STATE ELECTRICAL ENGINEER

FHWA

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SDD 09E08-11k



CONSTRUCTION JOINT



SAWED JOINT

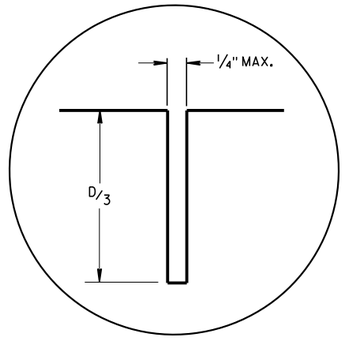
GENERAL NOTES

CREATE A LONGITUDINAL JOINT FOR PAVEMENT WIDTHS GREATER THAN 15 FEET.

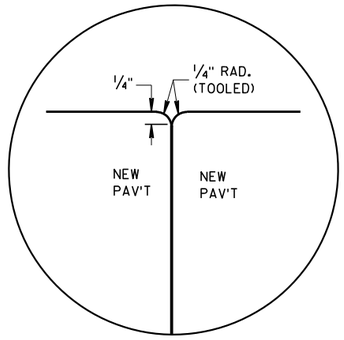
CORRELATE LONGITUDINAL JOINTS WITH LANE LINES WHEN POSSIBLE.

(1) ANCHOR TIE BARS INTO DRILLED HOLES WITH AN EPOXY.

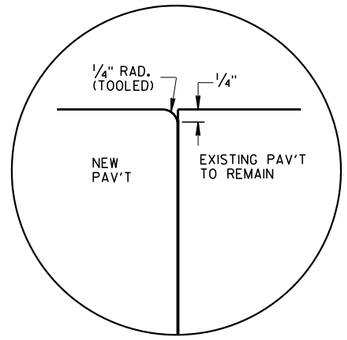
(2) PAVEMENT THAT WAS IN PLACE PRIOR TO THE CONTRACT.



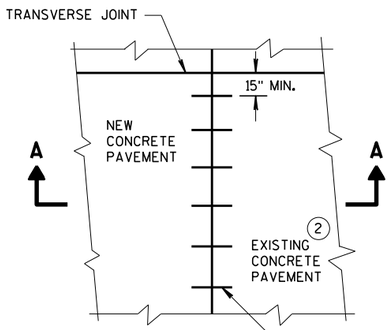
DETAIL "A"



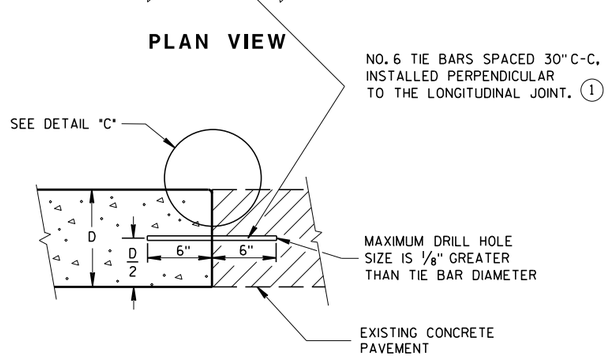
DETAIL "B"



DETAIL "C"



PLAN VIEW



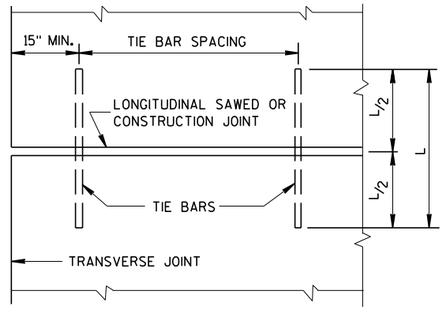
SECTION A-A
LONGITUDINAL CONSTRUCTION JOINT TIE BARS ANCHORED INTO EXISTING PAVEMENT

TIE BAR TABLE

PAVEMENT DEPTH (D)	TIE BAR SIZE	TIE BAR LENGTH (L)	MAX. TIE BAR SPACING
< 10 1/2"	NO. 4	30"	36"
≥ 10 1/2"	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" MINUMUM SPACING FROM TRANSVERSE JOINTS; SPACING BETWEEN TIE BARS WILL BE 30" AT TRANSVERSE JOINTS.



PLAN VIEW
SHOWING LOCATION OF TIE BARS

CONCRETE PAVEMENT LONGITUDINAL JOINTS AND TIES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

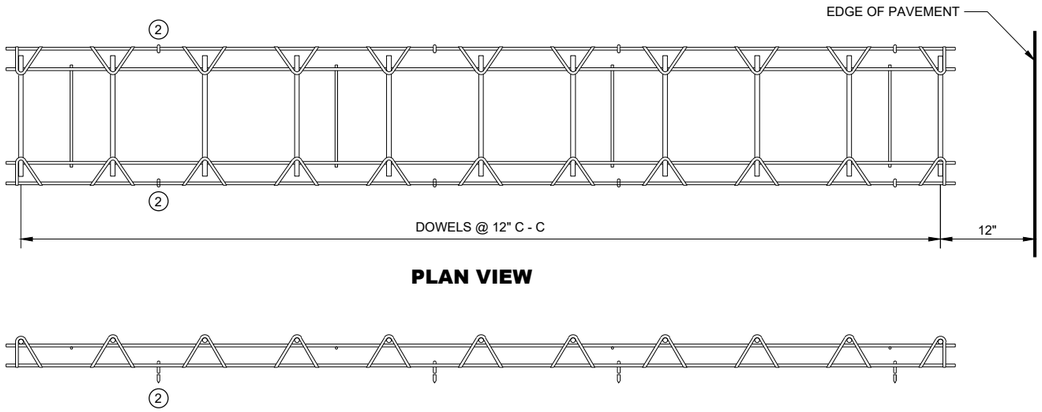
APPROVED
March 2018 — DATE
/S/ Peter Kerr — PAVEMENT SUPE
FHWA

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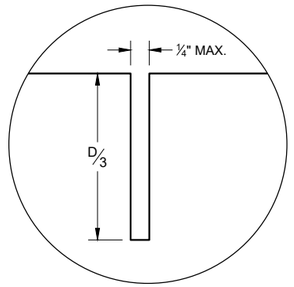
S.D.D. 13 C 1-19

6

S.D.D. 13 C 1-19



CONTRACTION JOINT DOWEL ASSEMBLY (1)



JOINT DETAIL

GENERAL NOTES

CONTRACTION JOINTS

CONSTRUCT TRANSVERSE CONTRACTION JOINTS NORMAL TO THE CENTERLINE. SHOW THE LOCATION OF CONTRACTION JOINTS THROUGH INTERSECTIONS ON THE PLANS OR AS DIRECTED BY THE ENGINEER.

INSTALL DOWEL BARS PARALLEL TO THE PAVEMENT CENTERLINE AND PAVEMENT SURFACE.

FOR PAVEMENT SLABS OF VARYING WIDTHS, LOCATE THE OUTER MOST DOWEL BAR SO THAT THE CENTER OF THE BAR IS A MINIMUM OF 6 INCHES FROM AND A MAXIMUM OF 18 INCHES FROM THE FREE EDGE OF PAVEMENT.

CONSTRUCTION JOINTS

LOCATE CONSTRUCTION JOINTS A MINIMUM OF 6 FEET FROM THE NEAREST CONTRACTION JOINT AND ALIGN PARALLEL TO THE CONTRACTION JOINTS.

(1) OBTAIN THE ENGINEER'S APPROVAL FOR THE USE OF ALTERNATIVE DESIGNS OF THE DOWEL ASSEMBLY. USE MECHANICAL DOWEL BAR INSERTERS OR DOWEL ASSEMBLIES WHEN CONSTRUCTION CONTRACTION JOINTS.

(2) SECURE BASKETS WITH ANCHORS TO HOLD DOWEL BARS IN THE CORRECT POSITION AND ALIGNMENT. TYPE, LOCATION, NUMBER AND LENGTH OF ANCHORS ARE DEPENDENT UPON FIELD CONDITIONS.

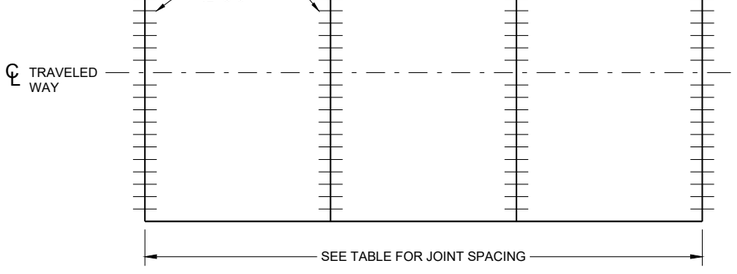
(3) FORM OR SAW CONSTRUCTION JOINTS. PROVIDE A ¼" RADIUS AT FORMED JOINTS.

(4) PROVIDE A SMOOTH VERTICAL FACE FOR THE ENTIRE DEPTH OF THE PAVEMENT WHEN FORMING CONSTRUCTION JOINTS.

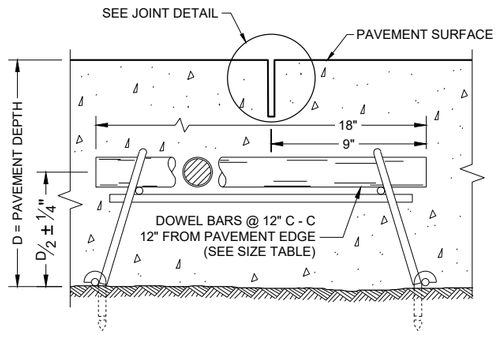
(5) INSTALL DOWEL BARS AT CONSTRUCTION JOINTS BY FORMING OR DRILLING. INSTALL FORMED DOWEL BARS 12 INCHES C - C AND 12 INCHES FROM PAVEMENT EDGE. REMOVE EXCESS CONCRETE FROM THE FREE END OF THE DOWEL BAR IF DOWEL BARS ARE FORMED THROUGH A HEADER BOARD. INSTALL DRILLED DOWEL BARS ACCORDING TO THE "DRILLED DOWEL BAR CONSTRUCTION JOINT" DETAIL.

(6) APPLY A THIN UNIFORM COATING OF SURFACE TREATMENT TO THE FREE END OF DOWEL BARS TO PREVENT BONDING.

(7) ANCHOR DOWEL BARS AND TIE BARS INTO DRILLED HOLES WITH AN EPOXY. MAXIMUM DRILLED HOLE SIZE IS ⅛" GREATER THAN DOWEL BAR DIAMETER, 9 INCHES IN LENGTH.



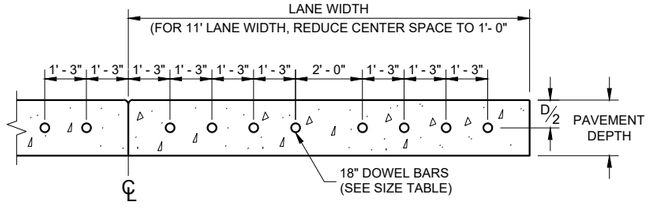
CONTRACTION JOINT LOCATIONS



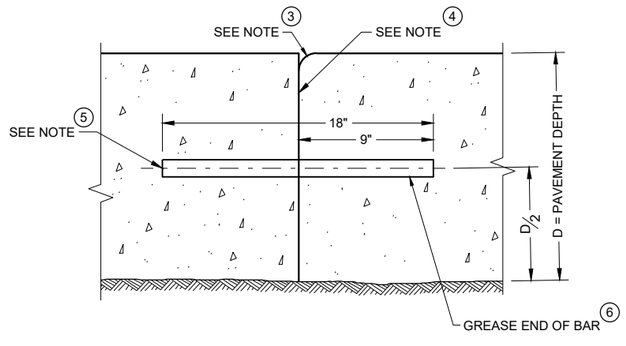
DOWELED CONTRACTION JOINT

PAVEMENT DEPTH, DOWEL BAR SIZE AND JOINT SPACING TABLE

PAVEMENT DEPTH (D)	DOWEL BAR DIAMETER	CONTRACTION JOINT SPACING
6", 6 ½"	NONE	12'
7", 7 ½"	1"	14'
8" & ABOVE	1 ¼"	15'



DRILLED DOWEL BAR CONSTRUCTION JOINT (7)



TRANSVERSE CONSTRUCTION JOINT

URBAN DOWELED CONCRETE PAVEMENT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2022
DATE

/S/ Peter Kemp P.E.
PAVEMENT SUPERVIS

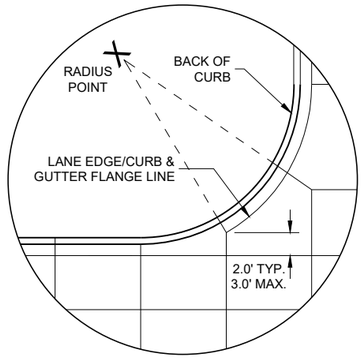
FHWA

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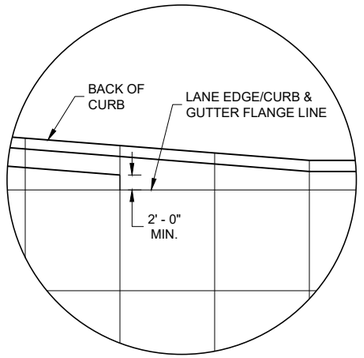
SDD 13C13 - 11

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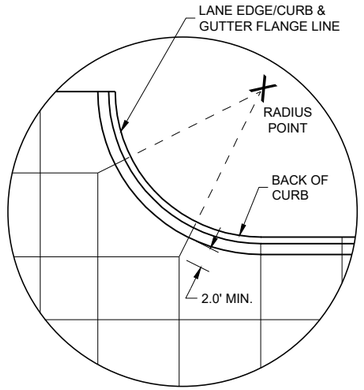
SDD 13C13 - 11



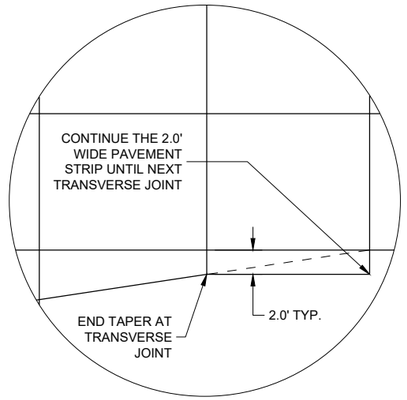
DETAIL "A"



DETAIL "B"



DETAIL "C"



DETAIL "D"

GENERAL NOTES

THE PRIMARY ROADWAY CONTROLS THE TRANSVERSE JOINT PATTERN.

ALIGN NEW JOINTS WITH EXISTING JOINTS OR CRACKS.

CONSTRUCT TRANSVERSE JOINTS PERPENDICULAR TO THE ROADWAY.

ADJUST TRANSVERSE JOINTS TO ALIGN WITH UTILITY FIXTURES (E.G MANHOLES AND INLETS) IN THE PAVEMENT STRUCTURE WHEN POSSIBLE. WATER VALVES DO NOT REQUIRE JOINT ADJUSTMENT.

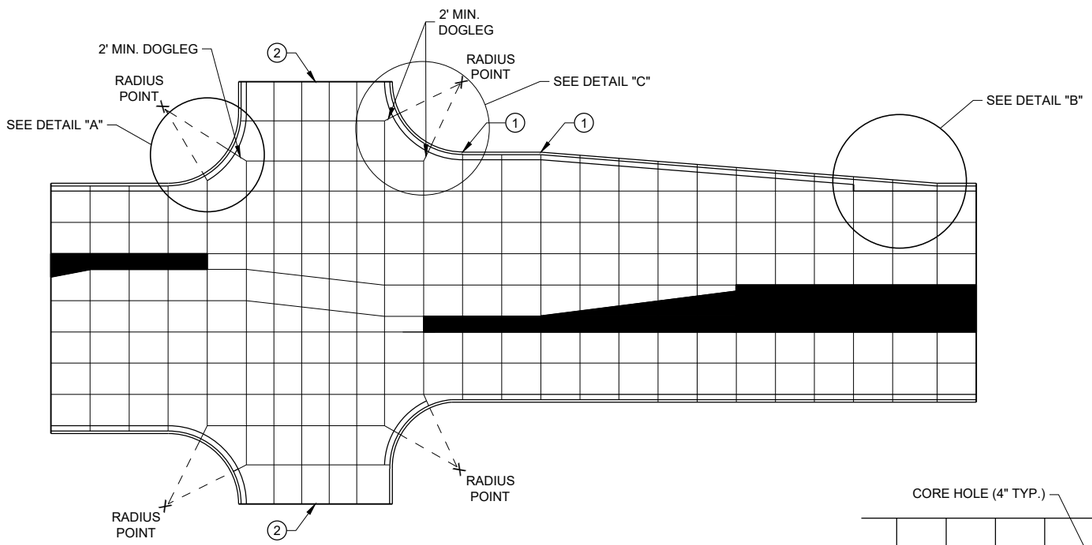
AVOID SLABS LESS THAN 2 FEET WIDE OR GREATER THAN 15 FEET WIDE.

SEE TABLE FOR TRANSVERSE JOINT SPACING. JOINT SPACING SPECIFIED IS MAXIMUM AND ACTUAL SPACING CAN BE ADJUSTED TO ACCOMMODATE INTERSECTIONS.

AVOID ANGLES LESS THAN 60° BY DOGLEGGING JOINTS THROUGH CURVE RADIUS POINTS. USE 90° ANGLES WHEN POSSIBLE.

CORRELATE LONGITUDINAL JOINTS WITH LANE LINES WHEN POSSIBLE.

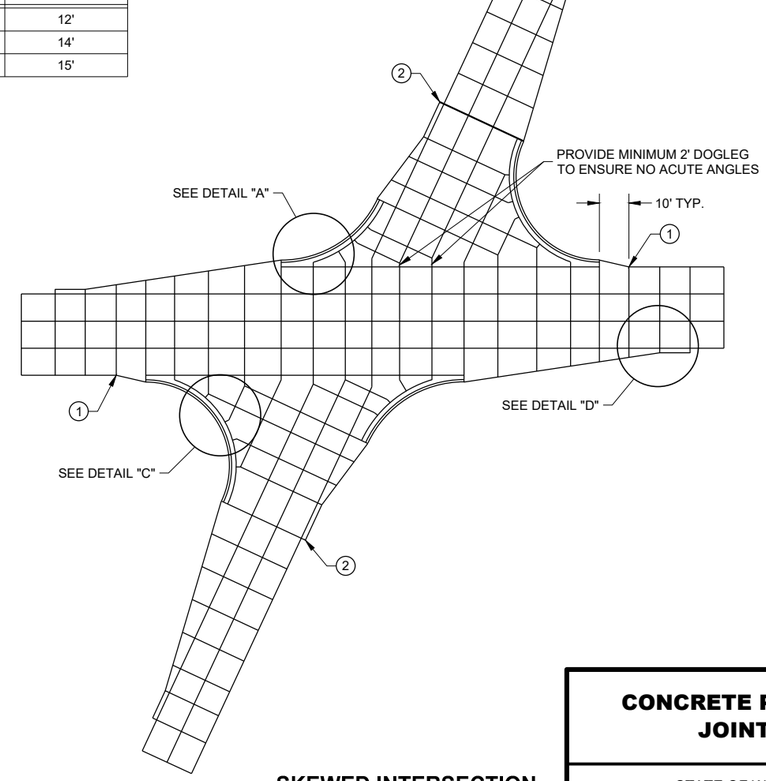
1. PROVIDE TRANSVERSE JOINTS AT ALL PAVEMENT WIDTH CHANGES.
2. CONSTRUCT DOWELED EXPANSION JOINT ON THE SIDE ROAD OF AN INTERSECTION IF THE SIDE ROAD IS CONCRETE PAVEMENT AND GREATER THAN 300 FEET IN LENGTH. ALIGN EXPANSION JOINT WITH EDGE OF RADIUS.
3. THE ENGINEER MAY APPROVE SLIGHT VARIATIONS FROM THESE JOINTING DETAILS.



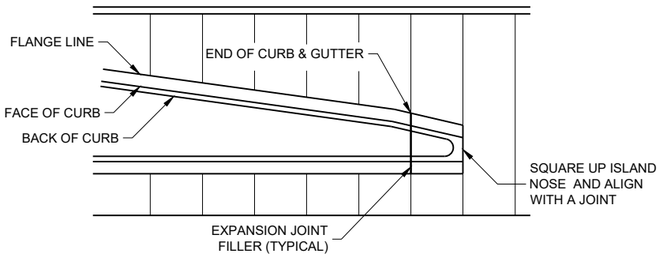
STANDARD INTERSECTION

PAVEMENT DEPTH AND JOINT SPACING TABLE

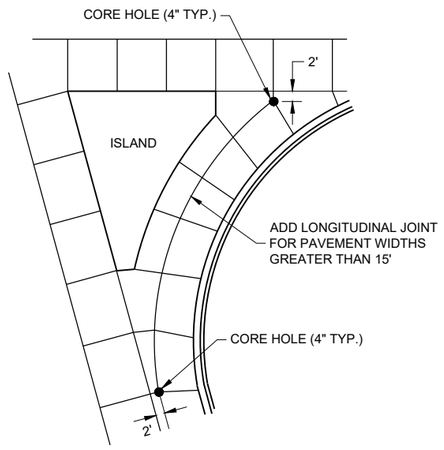
PAVEMENT DEPTH (D)	CONTRACTION JOINT SPACING
6", 6 ½"	12'
7", 7 ½"	14'
8" & ABOVE	15'



SKEWED INTERSECTION



APPROACH TO MEDIAN



LARGE RIGHT TURN

CONCRETE PAVEMENT JOINTING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 13C18 - 08a

6

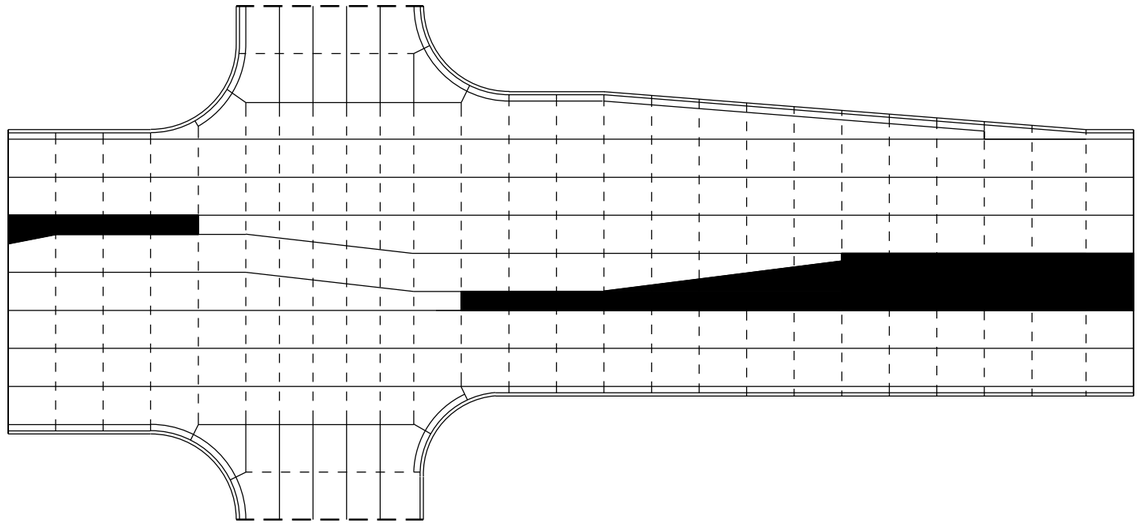
SDD 13C18 - 08a

LEGEND

POTENTIAL DOWELED EXPANSION JOINT

DOWELED JOINT

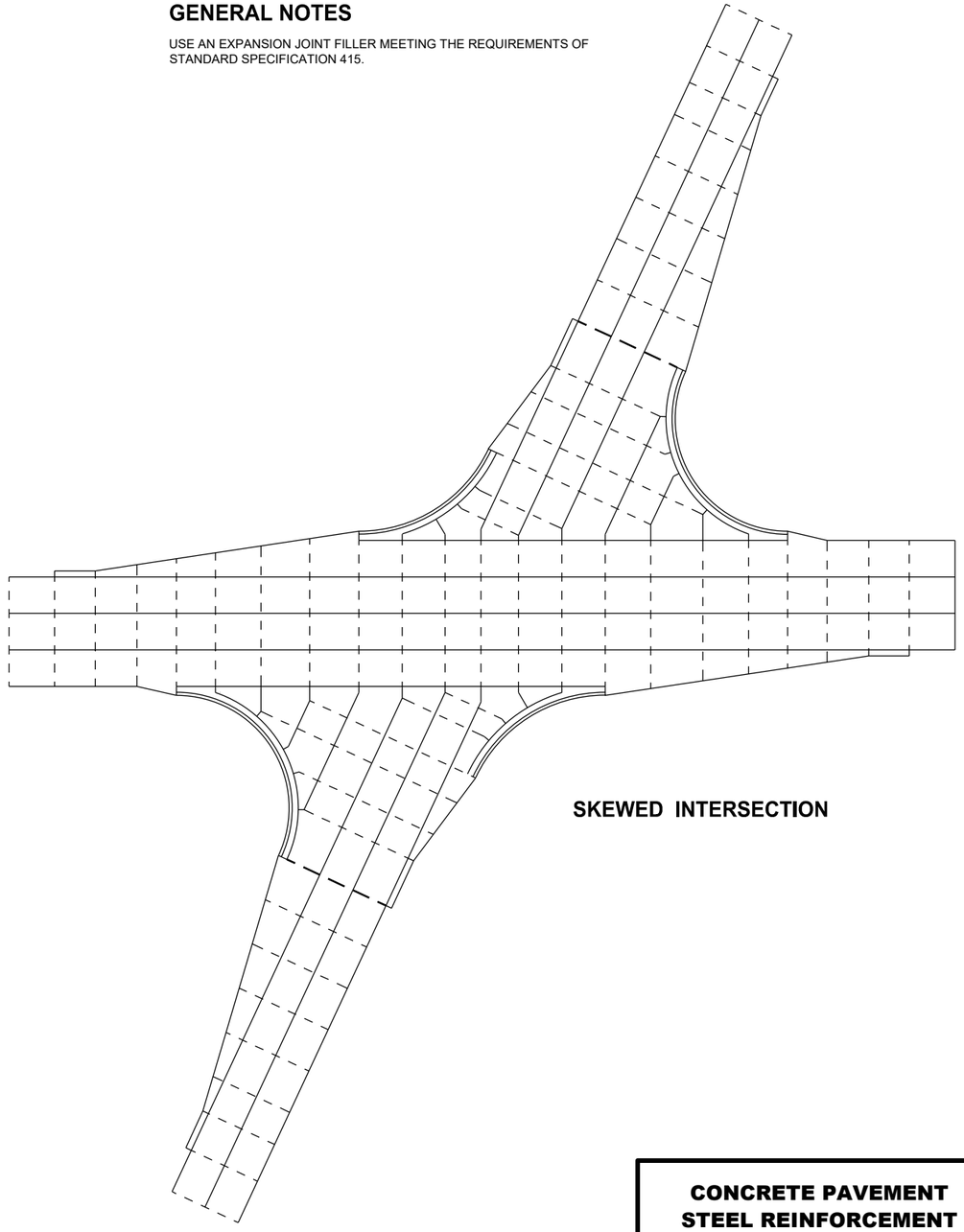
TIED JOINT



STANDARD INTERSECTION

GENERAL NOTES

USE AN EXPANSION JOINT FILLER MEETING THE REQUIREMENTS OF STANDARD SPECIFICATION 415.



SKEWED INTERSECTION

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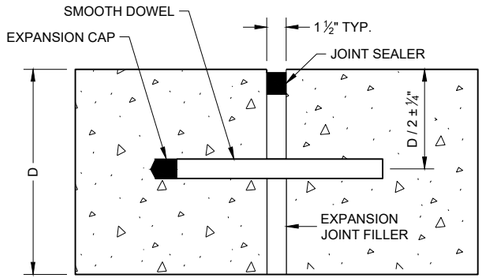
SDD 13C18 - 08b

CONCRETE PAVEMENT STEEL REINFORCEMENT

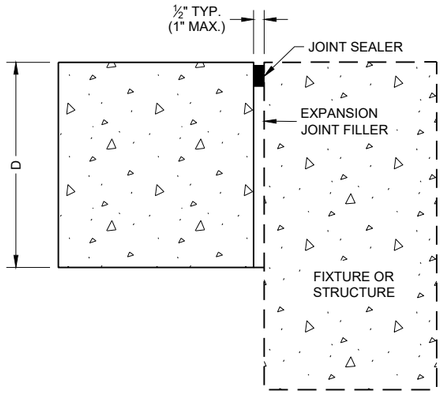
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 13C18 - 08b



DOWELED TRANSVERSE (1)



UNTIED - LONGITUDINAL

EXPANSION JOINTS

TIE BAR TABLE

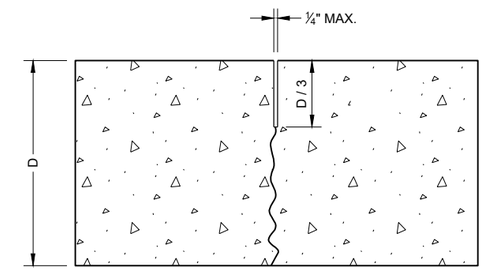
PAVEMENT DEPTH (D)	TIE BAR SIZE	TIE BAR LENGTH (L)	MAX. TIE BAR SPACING
< 10 ½"	NO. 4	30"	36"
≥ 10 ½"	NO. 5	36"	36"
	NO. 4 *	30"	24" **

* SUBSTITUTE BENT BARS AT LONGITUDINAL JOINTS WHEN EQUIPMENT LIMITATIONS DURING CONSTRUCTION WARRANT (e.g. AUXILIARY LANES OR TURN LANES)

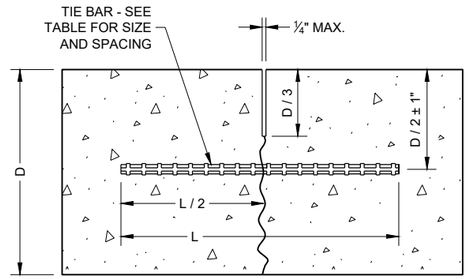
** CONFORM TO 15" MINIMUM SPACING FROM TRANSVERSE JOINTS; SPACING BETWEEN TIE BARS WILL BE 30" AT TRANSVERSE JOINTS.

GENERAL NOTES

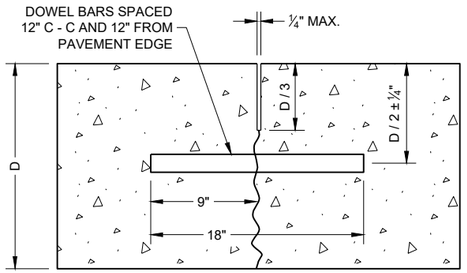
1. USE DOWELED EXPANSION JOINTS ON SIDE ROADS AT INTERSECTIONS (TO ISOLATETHE SIDE ROAD FROM THE THROUGH STREET) IF THE SIDE ROAD IS CONCRETE PAVEMENT AND GREATER THAN 300 FEET IN LENGTH.
2. SPACE CONTRACTION JOINTS IN ACCORDANCE WITH SDD 13C4, 13C11 OR 13C13.
3. LOCATE CONSTRUCTION JOINTS A MINIMUM OF 6 FEET FROM THE NEAREST CONTRACTION JOINT AND ALIGN PARALLEL TO CONTRACTION JOINTS.
4. CONSTRUCTION JOINTS CAN BE FORMED OR SAWED.
5. IF JOINT IS FORMED, PROVIDE A ¼" RADIUS.
6. ANCHOR TIE BARS INTO DRILLED HOLES WITH AN EPOXY.



UNDOWELED TRANSVERSE

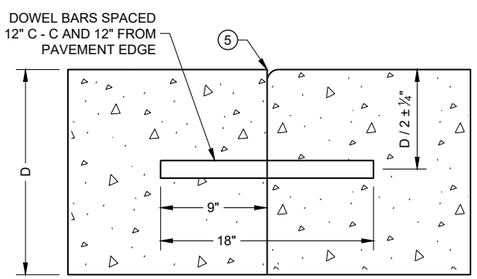


TIED LONGITUDINAL

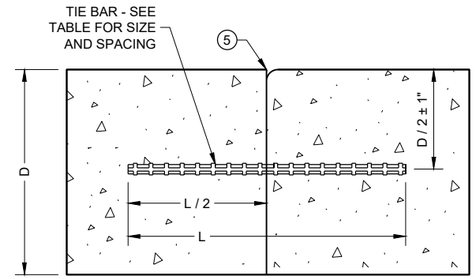


DOWELED TRANSVERSE

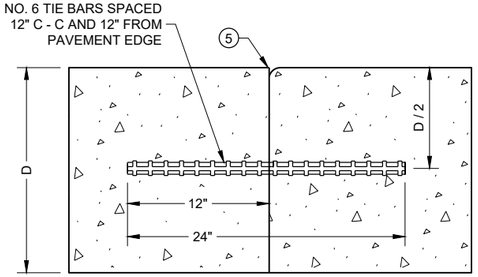
CONTRACTION JOINTS (2)



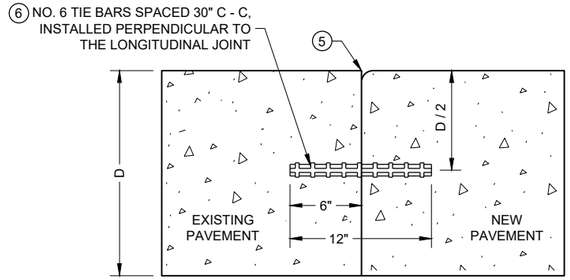
DOWELED TRANSVERSE (3)



TIED LONGITUDINAL



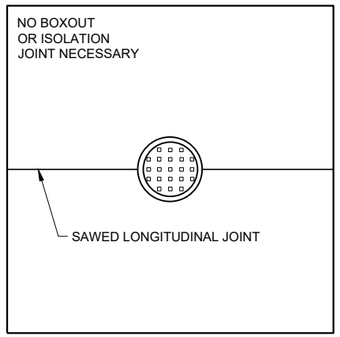
TIED TRANSVERSE (3)
(FOR USE ON NON-DOWELED PAVEMENTS ONLY)



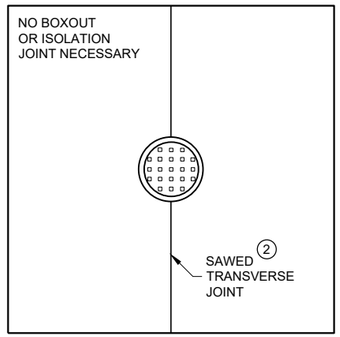
TIED LONGITUDINAL TO EXISTING

CONSTRUCTION JOINTS (4)

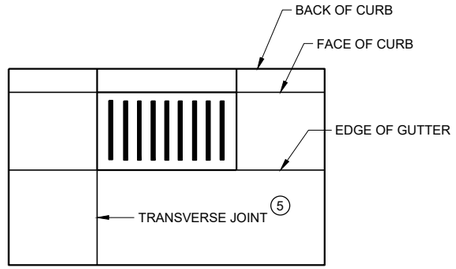
CONCRETE PAVEMENT JOINT TYPES



MANHOLE WITH LONGITUDINAL JOINT



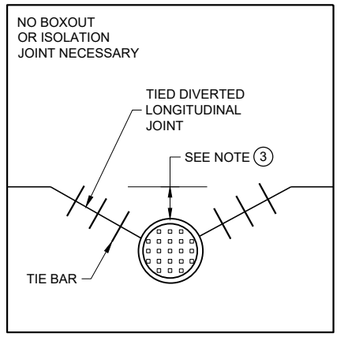
MANHOLE WITH TRANSVERSE JOINT



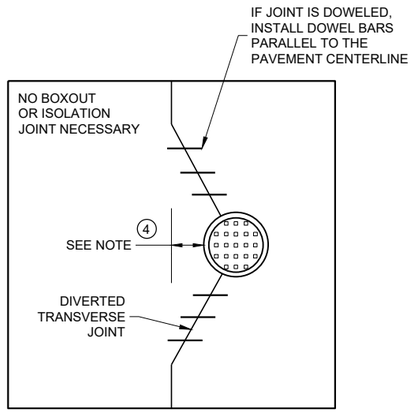
INLET WITH TRANSVERSE JOINT

GENERAL NOTES

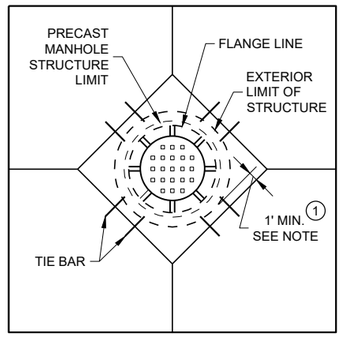
1. USE BOXOUTS WHEN UTILITY STRUCTURE IS IN THE PATH OF CONSTRUCTION JOINTS. PROVIDE A 1 FOOT MINIMUM CLEARANCE BETWEEN THE EXTERIOR LIMIT OF THE STRUCTURE TO THE DIAMOND BOXOUT.
2. ADJUST TRANSVERSE JOINT TO INTERSECT MANHOLE IF POSSIBLE.
3. IF DISTANCE BETWEEN THE LONGITUDINAL JOINT AND THE EDGE OF MANHOLE IS 2 FEET OR LESS, DIVERT THE LONGITUDINAL JOINT AT A 2:1 TAPER RATE TO THE CENTER OF THE MANHOLE. IF THE DISTANCE IS GREATER THAN 2 FEET, DO NOT DIVERT THE JOINT AND SAW AS NORMAL. PLACE REINFORCEMENT REBAR AROUND THE MANHOLE.
4. IF THE DISTANCE FROM THE EDGE OF THE MANHOLE TO THE NEAREST TRANSVERSE JOINT IS LESS 4 FEET OR LESS, REDIRECT JOINT TO INTERSECT THE CENTER OF THE MANHOLE. IF DISTANCE IS GREATER THAN 4 FEET, DO NOT DIVERT THE JOINT AND SAW AS NORMAL. PLACE REINFORCEMENT REBAR AROUND THE MANHOLE.
5. ALIGN TRANSVERSE JOINT WITH ONE EDGE OF INLET WHEN PRACTICAL.



MANHOLE WITH DIVERTED LONGITUDINAL CONTRACTION JOINT



MANHOLE WITH DIVERTED TRANSVERSE CONTRACTION JOINT



DIAGONAL MANHOLE BOXOUT FOR CONSTRUCTION JOINTS

CONCRETE PAVEMENT JOINTING AT UTILITY FIXTURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023
DATE

/S/ Peter Kemp P.E.
PAVEMENT SUPERVISO

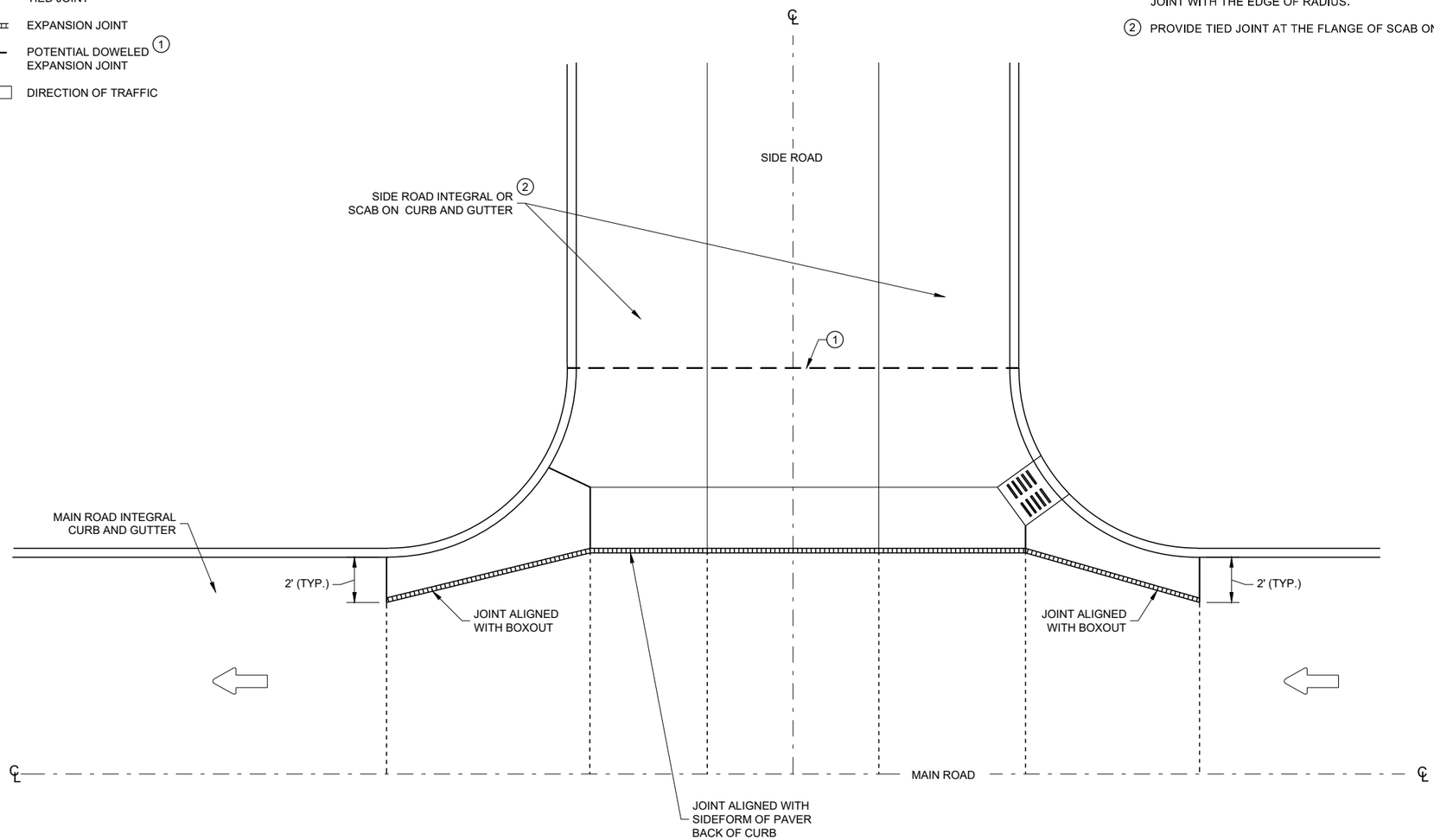
FHWA

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SDD 13C18 - 08d

LEGEND

- DOWELED JOINT
- TIED JOINT
- EXPANSION JOINT
- POTENTIAL DOWELED EXPANSION JOINT (1)
- DIRECTION OF TRAFFIC



GENERAL NOTES

(1) CONSTRUCT DOWELED EXPANSION JOINT ON THE SIDE ROAD OF AN INTERSECTION IF THE SIDE ROAD IS CONCRETE PAVEMENT AND GREATER THAN 300 FEET IN LENGTH. ALIGN EXPANSION JOINT WITH THE EDGE OF RADIUS.

(2) PROVIDE TIED JOINT AT THE FLANGE OF SCAB ON CURB IF SCAB ON CURB AND GUTTER IS USE.

INTERSECTION BOXOUT FOR INTEGRAL CURB AND GUTTER

CONCRETE PAVEMENT INTERSECTION BOXOUT FOR INTEGRAL CURB AND GUTTER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023
DATE

/S/ Peter Kemp P.E.
PAVEMENT SUPERVIS

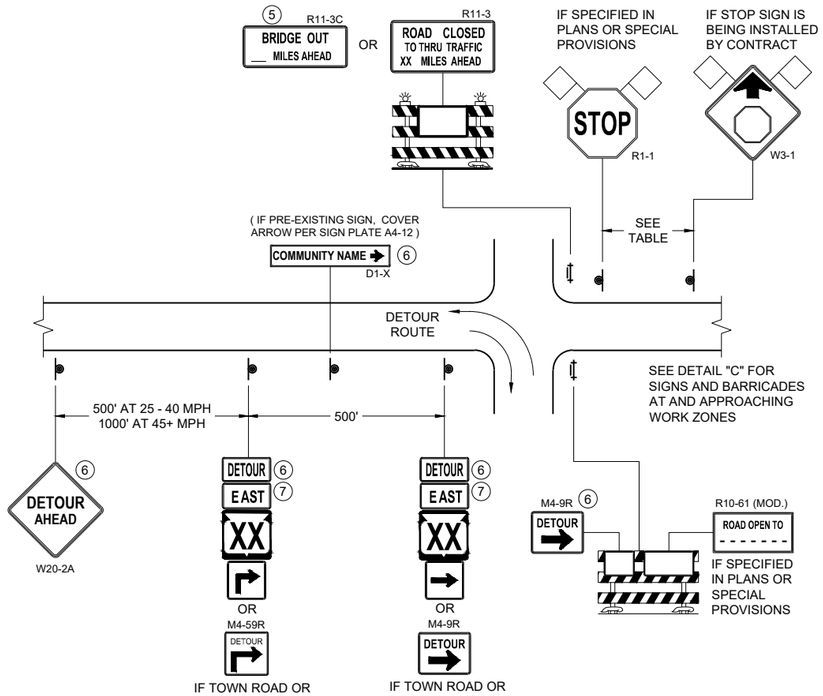
FHWA

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SDD 13C18 - 08f

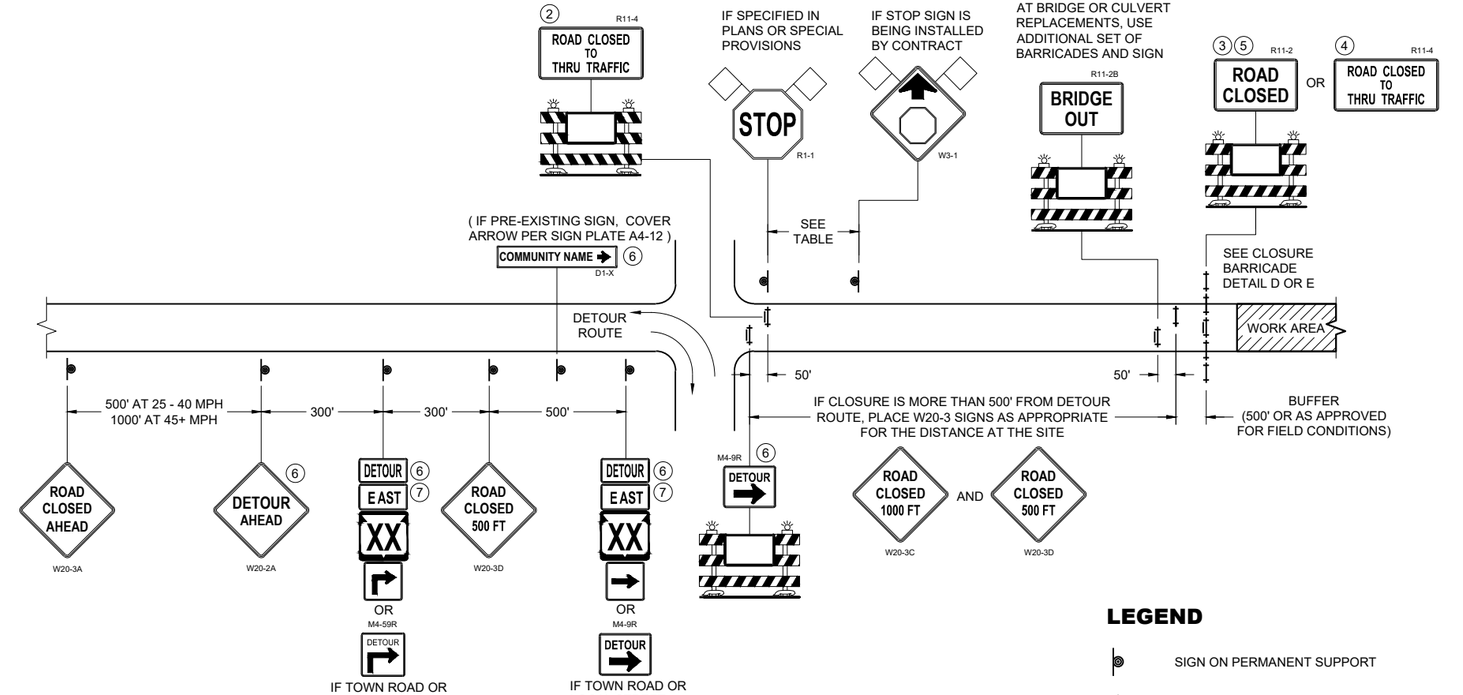
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SDD 13C18 - 08f



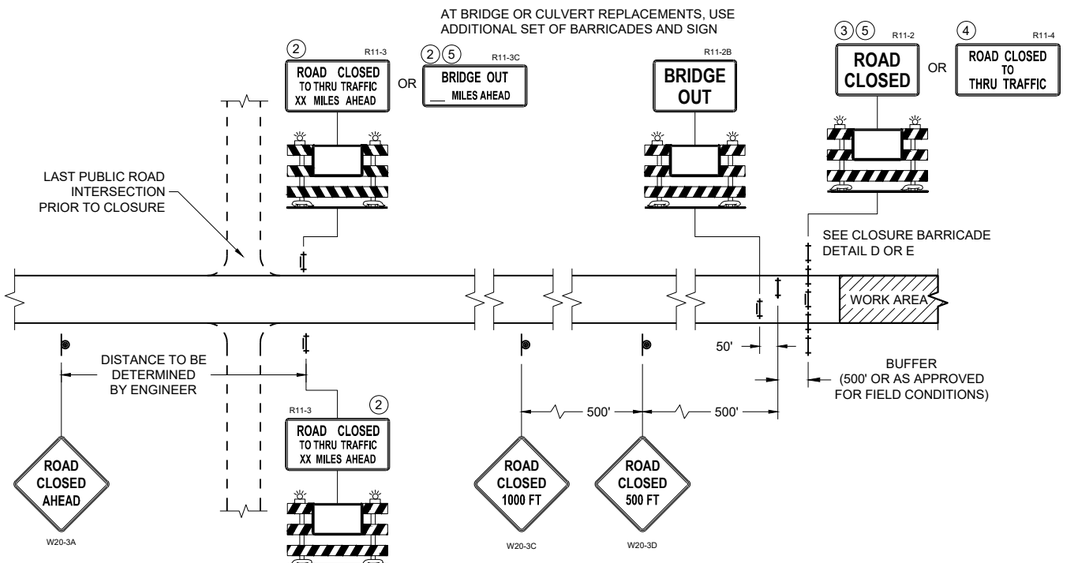
DETAIL A
MAINLINE CLOSURE WITH POSTED DETOUR

WORK ZONE GREATER THAN OR EQUAL TO ½ MILE FROM DETOUR ROUTE (1000 FEET IF URBAN)



DETAIL B
MAINLINE CLOSURE WITH POSTED DETOUR

WORK ZONE LESS THAN ½ MILE FROM DETOUR ROUTE (1000 FEET IF URBAN)



DETAIL C
MAINLINE CLOSURE, NO POSTED DETOUR

SPEED LIMIT (MPH)	"STOP AHEAD" ADVANCE WARNING DISTANCE (FT)
25	200
30	200
35	350
40	350
45	500
50	550
55	750

SEE SDD 15C2-SHEET "b"
FOR GENERAL NOTES
AND FOOTNOTES (1) THROUGH (7)

LEGEND

- SIGN ON PERMANENT SUPPORT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- WORK AREA
- FLAGS, 16" X 16" MIN. (ORANGE)

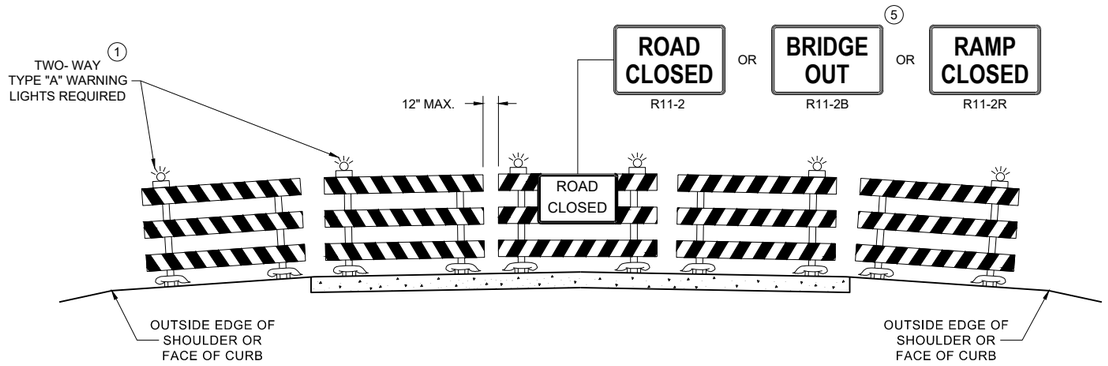
DETOUR M4 - 8
EAST M3 - X
XX M1 - 4 OR XX M1 - 6 OR COUNTY X M1 - 5A
M05 - 1 OR M06 - 1

BARRICADES AND SIGNS FOR MAINLINE CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2025 — DATE
/S/ Andrew Heidtke — WORK ZONE ENGINEER
FHWA

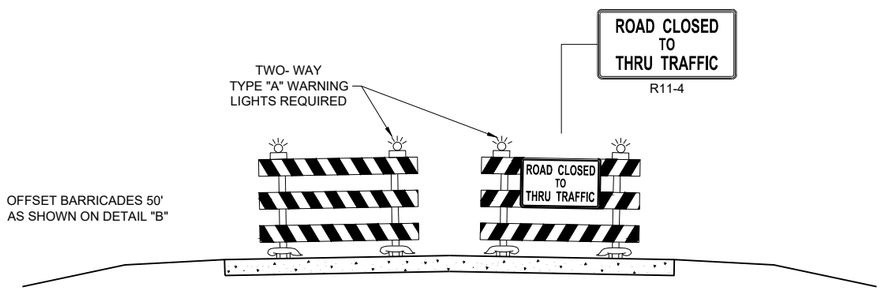
6
SDD 15C02-10a



DETAIL D

ROAD CLOSURE BARRICADE DETAIL

APPROACH VIEW



DETAIL E

LANE CLOSURE BARRICADE DETAIL

APPROACH VIEW

SEE SDD 15C2 - SHEET "a" FOR LEGEND

GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND BARRICADES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

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.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

BARRICADES THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY RE-ESTABLISHED UPON COMPLETION OF THE OPERATION, OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

ALL TYPE III BARRICADES SHALL HAVE RAILS REFLECTORIZED ON BOTH FACES. STRIPES SHALL BE PROPERLY SLOPED DOWN TOWARD THE TRAFFIC SIDE OR AS SHOWN IN THE ROAD CLOSURE BARRICADE DETAIL "D" FOR FULL ROAD CLOSURES.

TYPE "A" LOW - INTENSITY FLASHING WARNING LIGHTS SHALL BE VISIBLE ON BOTH SIDES OF THE BARRICADE.

PARTIAL NUMBERS ON SIGNS SHALL BE DISPLAYED AS A WHOLE NUMBER(AS NEEDED) FOLLOWED BY A FRACTION. SIGNS SHALL NOT DISPLAY NUMBERS IN DECIMAL FORM.

"WO" AND "MO" SIGNS ARE THE SAME AS "W" AND "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED BELOW:

- R11 - 2 SHALL BE 48" X 30"
- R11 - 3 SHALL, R11 - 4 AND R10 - 61 SHALL BE 60 " X 30"
- M4 - 9 SHALL BE 30" X 24"
- M3 - X SHALL BE 24" X 12" (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS)
- M4 - 8 SHALL BE 24" X 12" (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS)
- M1 - 4, M1 - 5A AND M1 - 6 SHALL BE 24" X 24" (36" X 36" IF NEEDED TO MATCH EXISTING SIGNS)
- MO5 - 1 AND MO6 - 1 SHALL BE 21" X 21" (30" X 30" IF NEEDED TO MATCH EXISTING SIGNS)
- D1 - X SHALL BE AS SHOWN ON SPECIFIC PROJECT SIGNING DETAIL SHEETS.
- R1 - 1 SHALL BE 36" X 36"

SIGNS PLACED ON TYPE III BARRICADES THAT ARE SIZES OTHER THAN 48"X30" SHALL HAVE A CORRUGATED POLYPROPYLENE OR POLYETHYLENE PLASTIC SIGN BASE.

(1) TWO WARNING LIGHTS SHALL BE PROVIDED ON THE CENTER BARRICADE AND A MINIMUM OF ONE WARNING LIGHT SHALL BE PROVIDED ON EACH OF THE OTHER BARRICADES WITHIN THE ROADWAY LIMITS. SPACING OF THE WARNING LIGHTS SHALL BE UNIFORM TO THE EDGE OF ROADWAY AS SHOWN (APPROX. 8 FOOT LIGHT SPACING.

(2) THESE SIGNS AND BARRICADES ARE NOT REQUIRED IF ROAD CLOSURE BEGINS AT AN INTERSECTION.

(3) FOR ROAD CLOSURE WITHOUT LOCAL ACCESS TO PROJECT, SEE ROAD CLOSURE BARRICADE DETAIL "D".

(4) FOR ROAD CLOSURE WITH LOCAL ACCESS TO PROJECT, SEE ROAD CLOSURE BARRICADE DETAIL "E".

(5) FOR BRIDGE OR CULVERT REPLACEMENTS, SUBSTITUTE "BRIDGE OUT" INSTEAD OF "ROAD CLOSED" ON R11 - 2 AND R11 - 3 SIGNS.

(6) INSTALL DETOUR AND COMMUNITY GUIDE SIGNS AND ARROWS ONLY IF SPECIFIED IN THE CONTRACT. IF THERE ARE EXISTING ROUTE MARKER ASSEMBLIES THAT WILL REMAIN IN PLACE, ADJUST THE LOCATION OF THE DETOUR ROUTE SIGNS TO CORRESPOND WITH THE EXISTING ASSEMBLIES. MODIFY EXISTING SIGNS WHERE POSSIBLE. SEE SPECIFIC PROJECT DETOUR SIGNING DETAIL SHEETS. IF DETOUR SIGNS ARE BEING INSTALLED BY OTHERS, PLACE THE CONTRACTED TRAFFIC CONTROL SIGNS TO ALLOW FOR PLACEMENT OF ALL WARNING, DETOUR AND GUIDE SIGNS AS SHOWN.

(7) "EAST" CARDINAL DIRECTION MARKERS AND RIGHT TURN ARROWS ARE SHOWN. USE OTHER CARDINAL DIRECTIONS AND ARROWS AS APPROPRIATE.

BARRICADES AND SIGNS FOR VARIOUS CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2025 — DATE
/S/ Andrew Heidtke — WORK ZONE ENGINEER

FHWA

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SDD 15C02-10b

THIS DRAWING PROVIDES GENERAL GUIDANCE ON TYPICAL DETOUR SIGN LAYOUT AND SPACING. SEE PROJECT DETOUR SIGNING SHEETS FOR SPECIFIC DETAILS FOR EACH PROJECT.

LEGEND

- SIGN ON PERMANENT SUPPORT
- WORK AREA
- DETOUR M4 - 8
- EAST M3 - X
- XX M1 - 4 OR XX M1 - 6 OR COUNTY X M1 - 5A
- M05 - 1 OR M06 - 1 OR M06 - 1

GENERAL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

IF THERE ARE EXISTING ROUTE MARKER ASSEMBLIES THAT WILL REMAIN IN PLACE, ADJUST THE LOCATION OF THE DETOUR ROUTE SIGNS TO CORRESPOND WITH THE EXISTING ASSEMBLIES. SEE SPECIFIC PROJECT DETOUR SIGNING DETAIL SHEETS. MODIFY EXISTING SIGNS WHERE POSSIBLE.

THE SPACING BETWEEN TRAFFIC CONTROL AND DETOUR SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

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.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

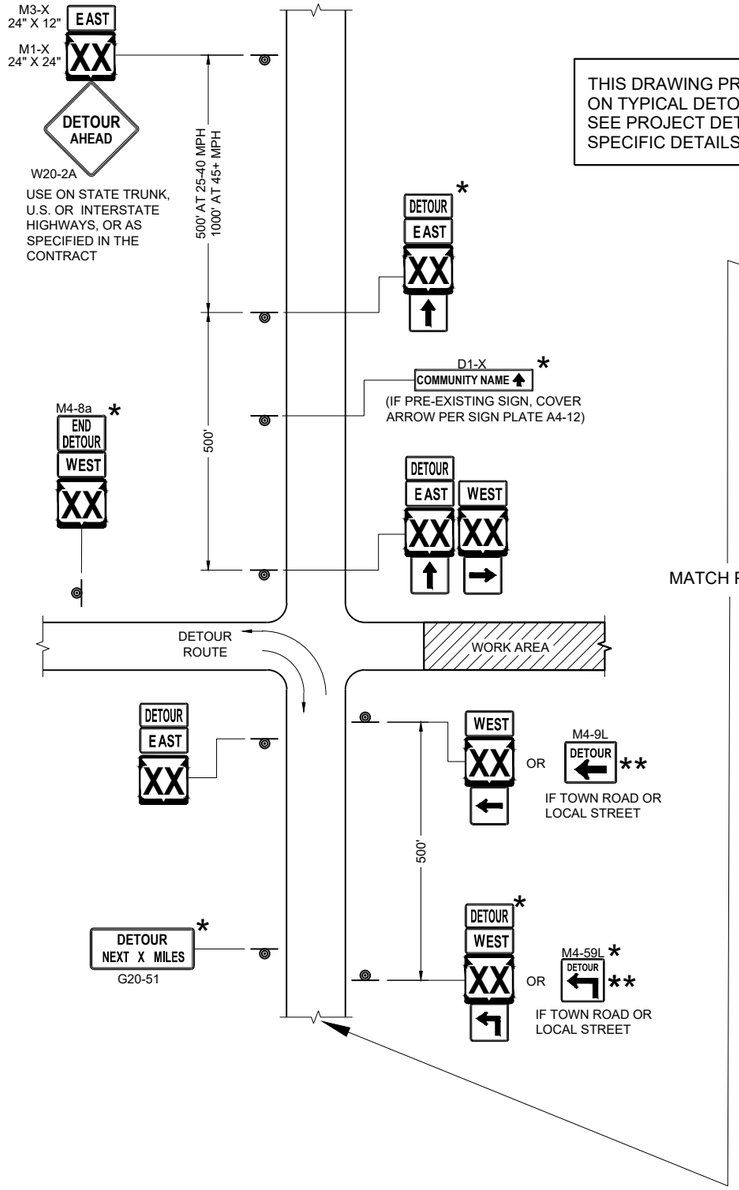
"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

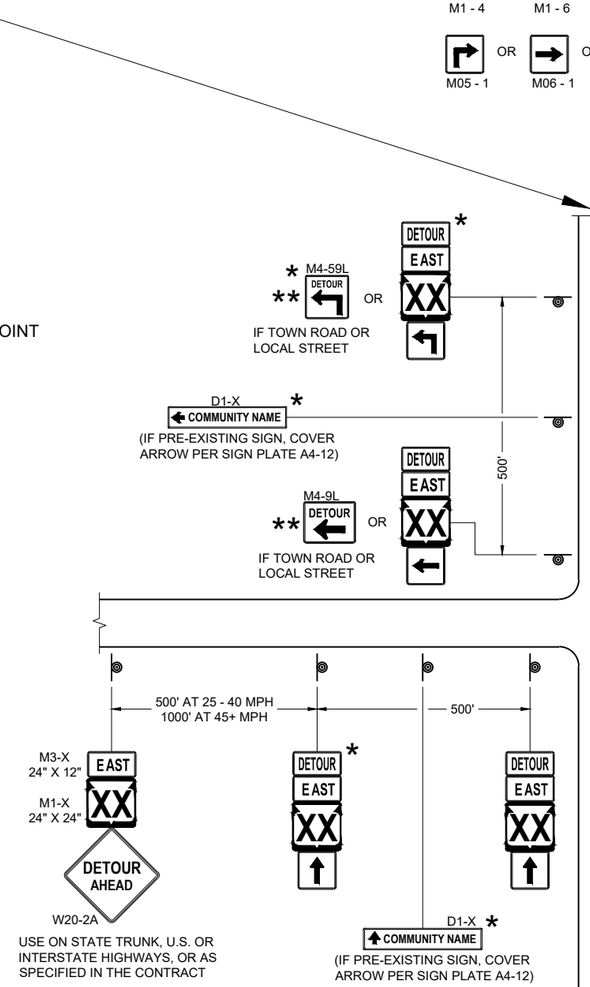
SIGN SIZES SHALL BE AS FOLLOWS:

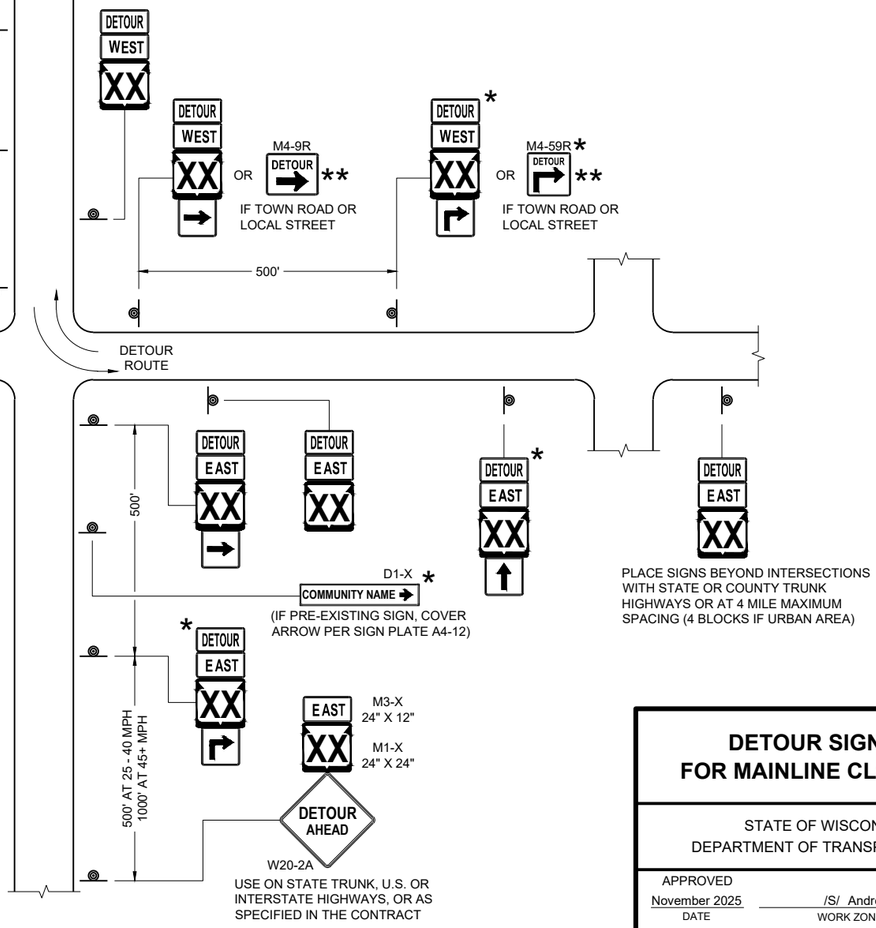
- M3-X SHALL BE 24" X 12" (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS)
- M4-8 SHALL BE 24" X 12" (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS)
- M1-4, M1-5A AND M1-6 SHALL BE 24" X 24" (36" X 36" IF NEEDED TO MATCH EXISTING SIGNS)
- M05-1 AND M06-1 SHALL BE 21" X 21" (30" X 30" IF NEEDED TO MATCH EXISTING SIGNS)
- M4-9 AND M4-59 SHALL BE 30" X 24"
- M4-8a SHALL BE 24" X 18"
- G20-51 SHALL BE 60" X 24"
- W20-2A SHALL BE 48" X 48"
- D1-X SHALL BE AS SHOWN ON SPECIFIC PROJECT SIGNING DETAIL SHEETS.

* OPTIONAL SIGNS. SEE SPECIFIC PROJECT DETOUR SIGNING DETAIL SHEETS.

** FOR A TOWN ROAD OR LOCAL STREET DETOURED ONTO A STATE TRUNK HIGHWAY, PLACE A ROAD NAME PLAQUE ABOVE THE M4-9 SIGN AS SPECIFIED IN THE CONTRACT.







SEE SPECIFIC PROJECT DETOUR SIGNING DETAIL SHEETS AND DETAIL A OR B ON SDD SHEET 15C02 - SHEET "a"

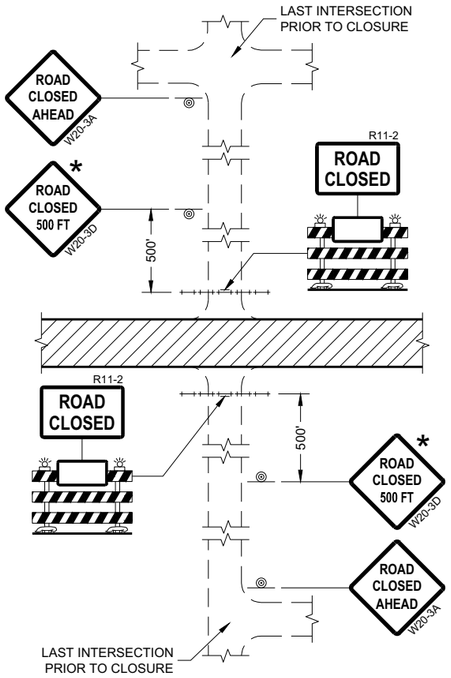
DETAIL F
DETOUR SIGNING

DETOUR SIGNING FOR MAINLINE CLOSURES

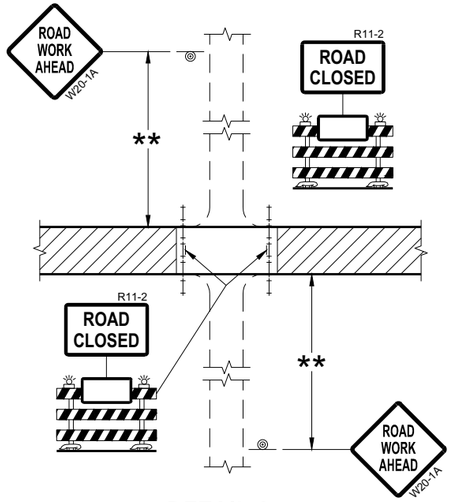
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2025 — DATE
/S/ Andrew Heidtke — WORK ZONE ENGINEER

FHWA



DETAIL 1
(NO ACCESS TO PROJECT)



DETAIL 2
(PUBLIC CROSS-TRAFFIC MAINTAINED.
NO ACCESS TO PROJECT)

GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND BARRICADES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

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.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE (500 FEET DESIRABLE) TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

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.

BARRICADES 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.

SIGNS THAT WILL BE IN PLACE LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

ALL TYPE III BARRICADES SHALL HAVE RAILS REFLECTORIZED ON BOTH FACES. STRIPES SHALL BE PROPERLY SLOPED DOWN TOWARD THE TRAFFIC SIDE OR AS SHOWN IN THE ROAD CLOSURE BARRICADE DETAIL "D" FOR FULL ROAD CLOSURES.

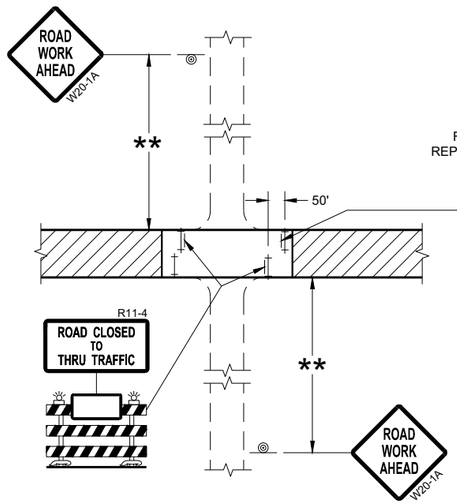
TYPE "A" LOW-INTENSITY FLASHING WARNING LIGHTS SHALL BE VISIBLE ON BOTH SIDES OF THE BARRICADE.

THE R11-2, R11-3, AND R11-4 SIGNS PLACED ON BARRICADES SHALL COVER NO MORE THAN THE TOP RAIL. THE SIGNS SHALL NOT COVER ANY PORTION OF THE MIDDLE OR BOTTOM RAILS.

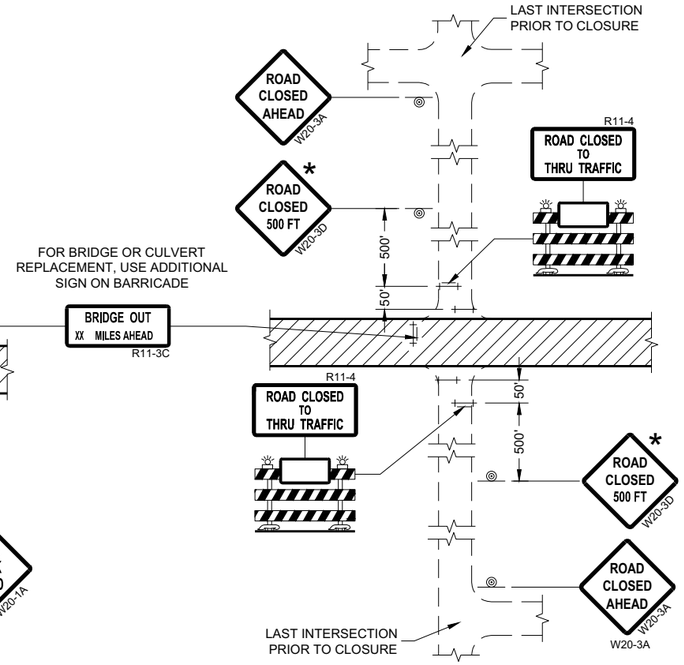
ALL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED BELOW:
R11-2 SHALL BE 48" X 30".
R11-4 AND R11-3 SHALL BE 60" X 30".

* OMIT THE "ROAD CLOSED 500 FT." SIGN IF THE LAST INTERSECTION IS 500 FEET OR LESS FROM THE WORK ZONE.

** 500' MAX. OR AT LAST INTERSECTION, WHICHEVER IS CLOSEST.



DETAIL 3
(PUBLIC CROSS-TRAFFIC MAINTAINED.
CONTRACTOR, LOCAL BUSINESS AND
RESIDENT ACCESS TO PROJECT)



DETAIL 4
(CONTRACTOR, LOCAL BUSINESS AND
RESIDENT ACCESS TO PROJECT)

LEGEND

- SIGN ON PERMANENT SUPPORT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- WORK AREA

BARRICADES AND SIGNS FOR SIDEROAD CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
July 2018
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

6

SDD 15C03 - 05

GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

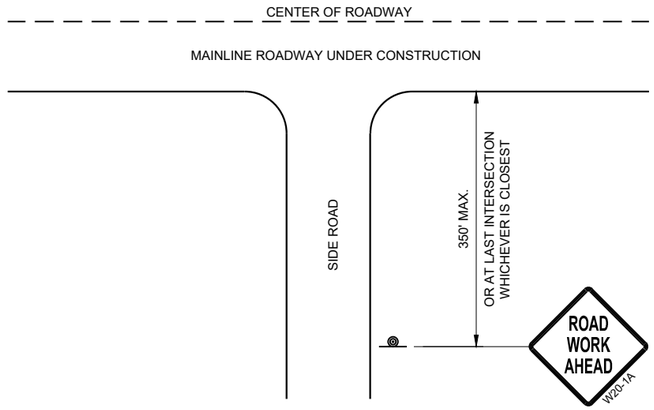
THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS, 36"X36" SIGNS MAY BE USED INSTEAD OF 48" X 48" SIGNS.

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.

* THE THIRD W20-1 SIGN IS REQUIRED ONLY IF THERE IS AN INTERSECTION BETWEEN THE "ROAD WORK 500 FEET" SIGN AND THE WORK ZONE. ADJUST THE PLACEMENT OF THIS SIGN BASED ON INTERSECTION LOCATION AND OTHER FIELD CONDITIONS.



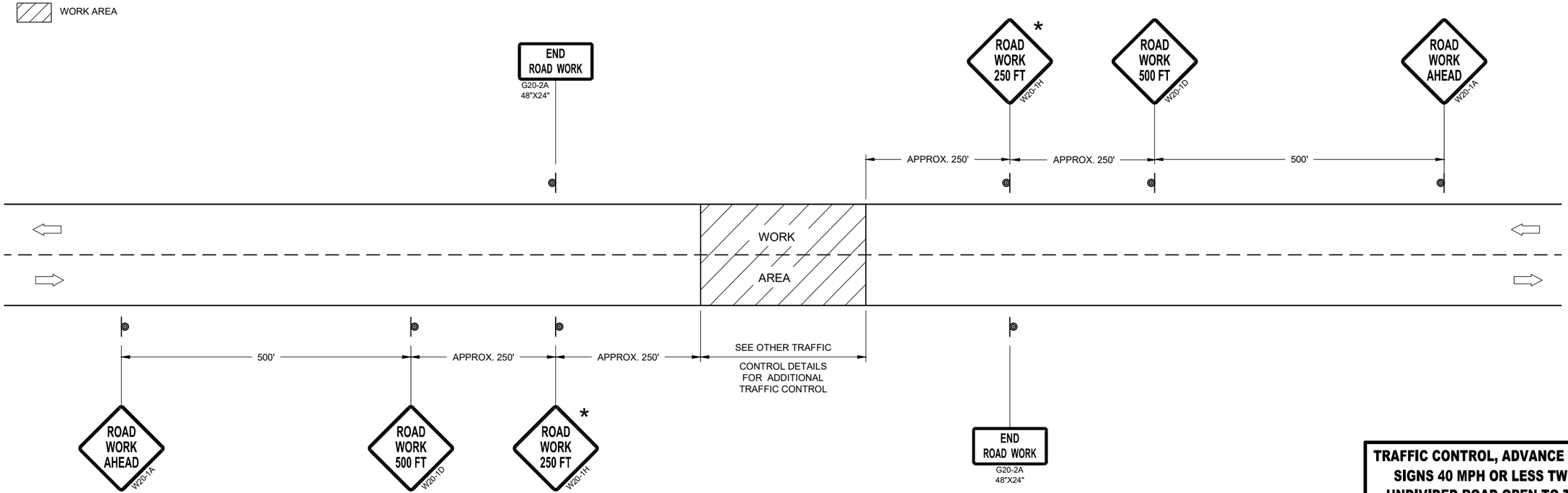
TYPICAL SIDE ROAD APPROACH WARNING SIGN DETAIL

LEGEND

SIGN ON PERMANENT SUPPORT

DIRECTION OF TRAFFIC

WORK AREA



TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40MPH OR LESS

TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40 MPH OR LESS TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
July 2018
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

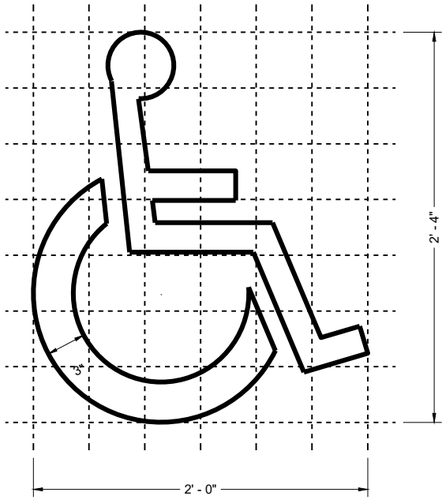
FHWA

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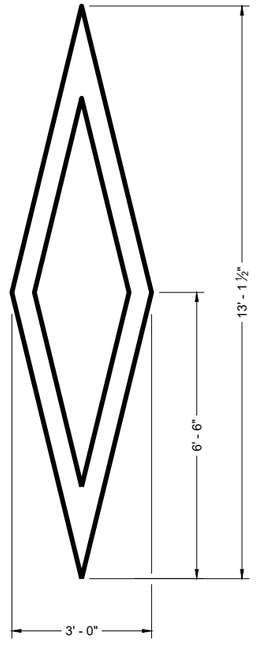
SDD 15C05 - 05

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.



HANDICAP SYMBOL



PREFERENTIAL LANE SYMBOL

6

SDD 15C07-16a

PAVEMENT MARKING SYMBOLS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

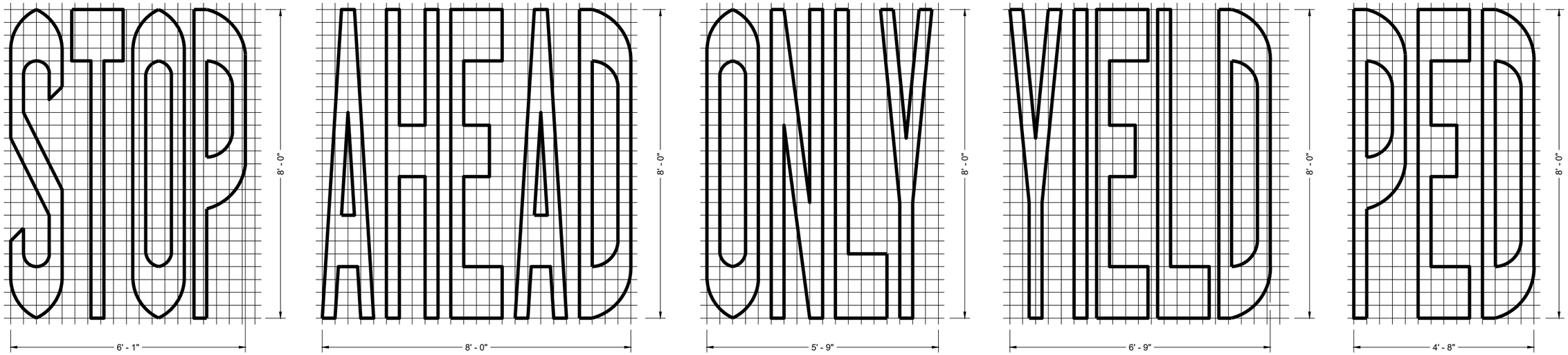
APPROVED
November 2024
DATE

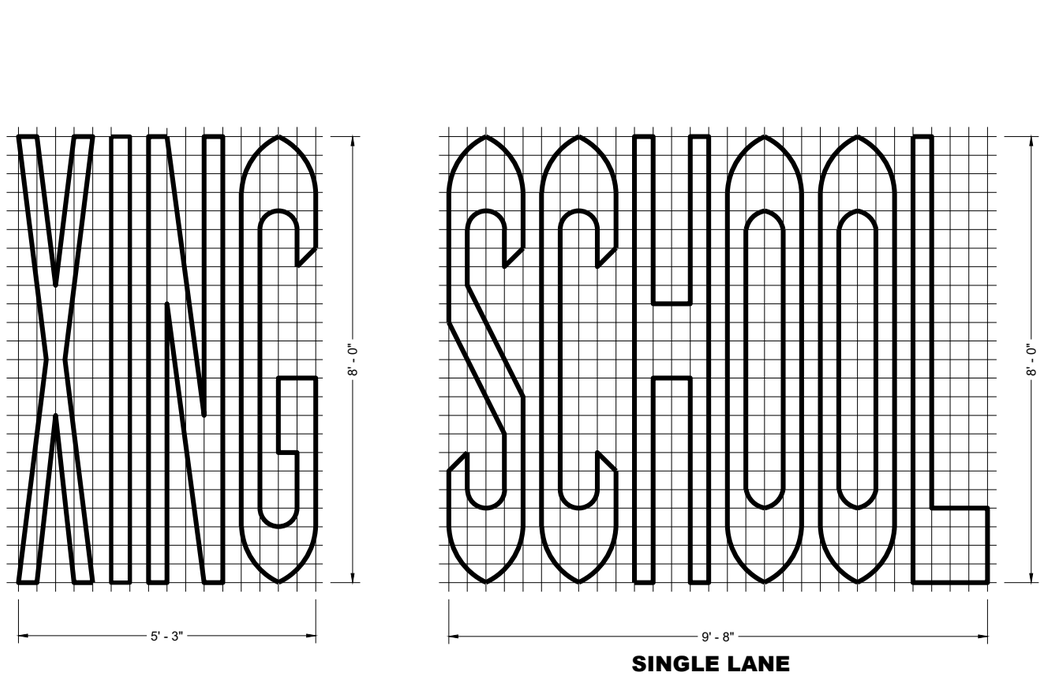
/S/ Jeannie Silver
STATE SIGNING AND MARKING ENGINEER

FHWA

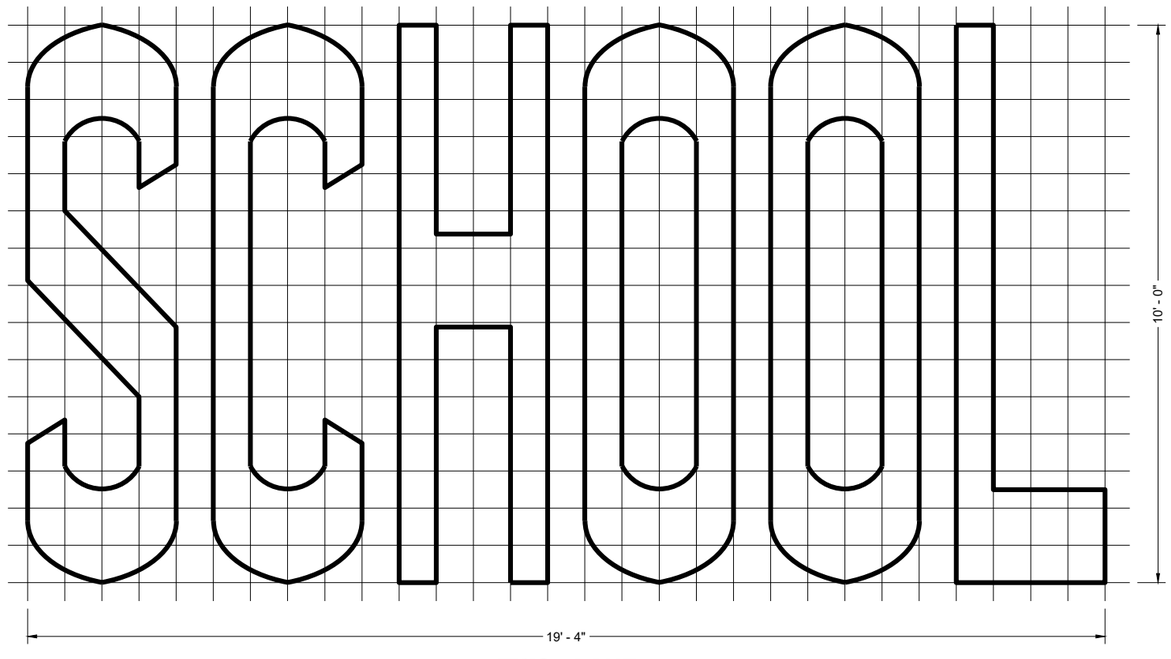
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SDD 15C07-16a





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

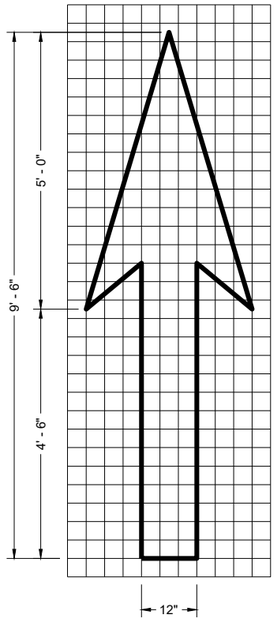
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2024 — DATE
/S/ Jeannie Silver — STATE SIGNING AND MARKING ENGINEER
FHWA

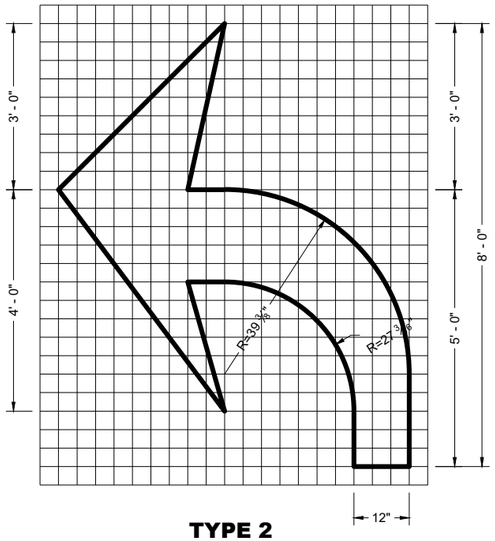
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GENERAL NOTES

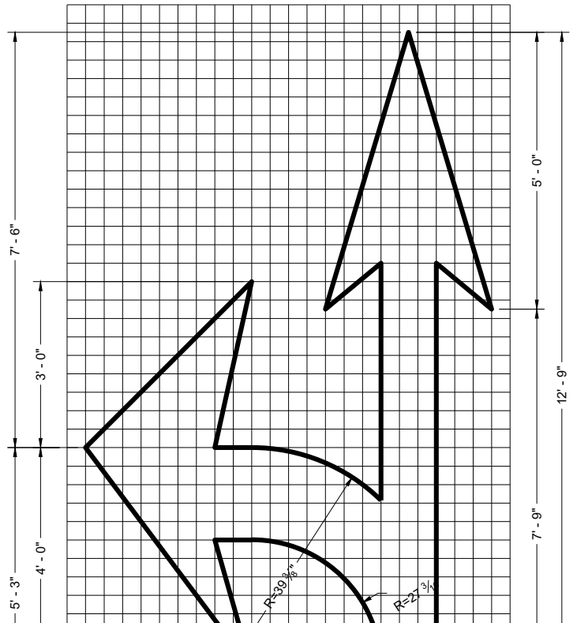
DETAILS OF INSTALLATION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.



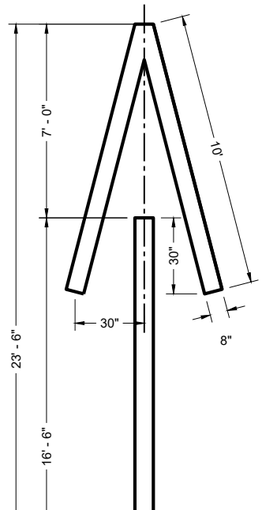
TYPE 1



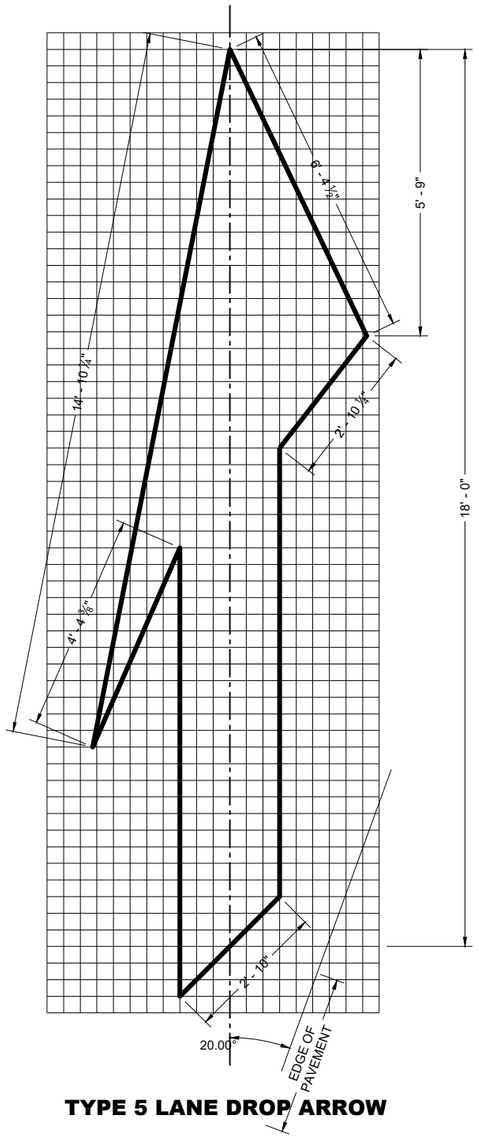
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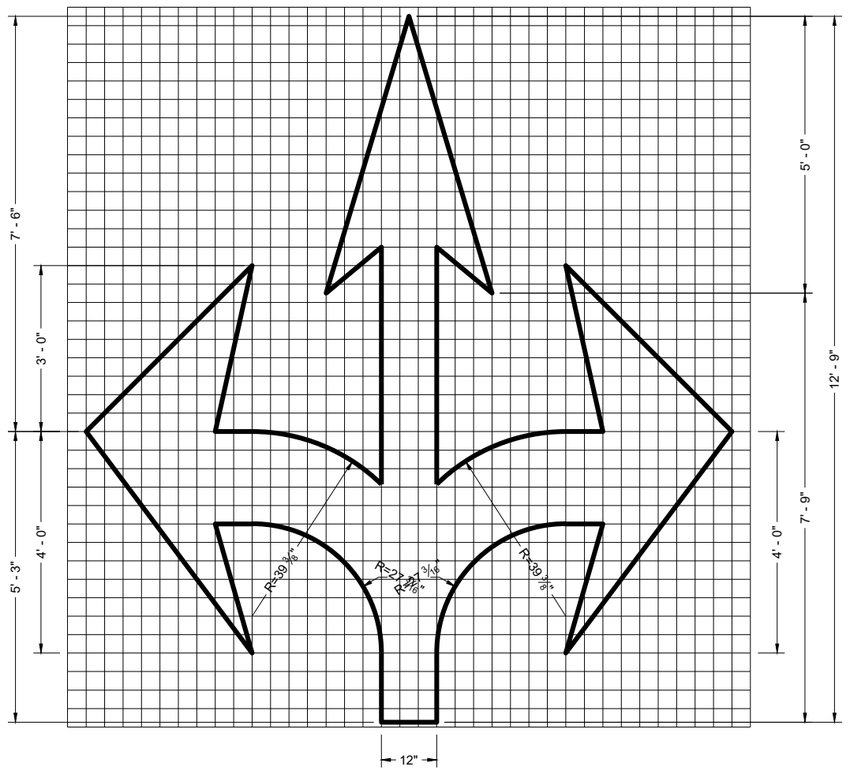
TYPE 3



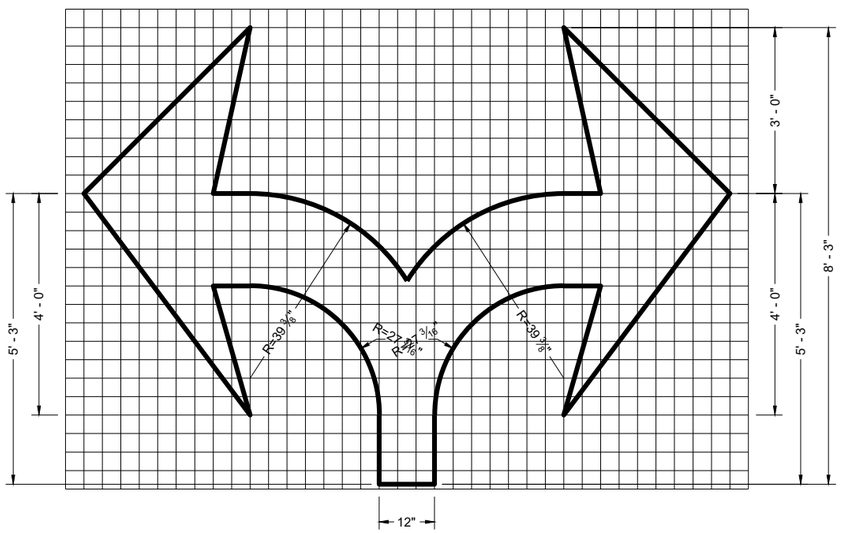
TYPE 4



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

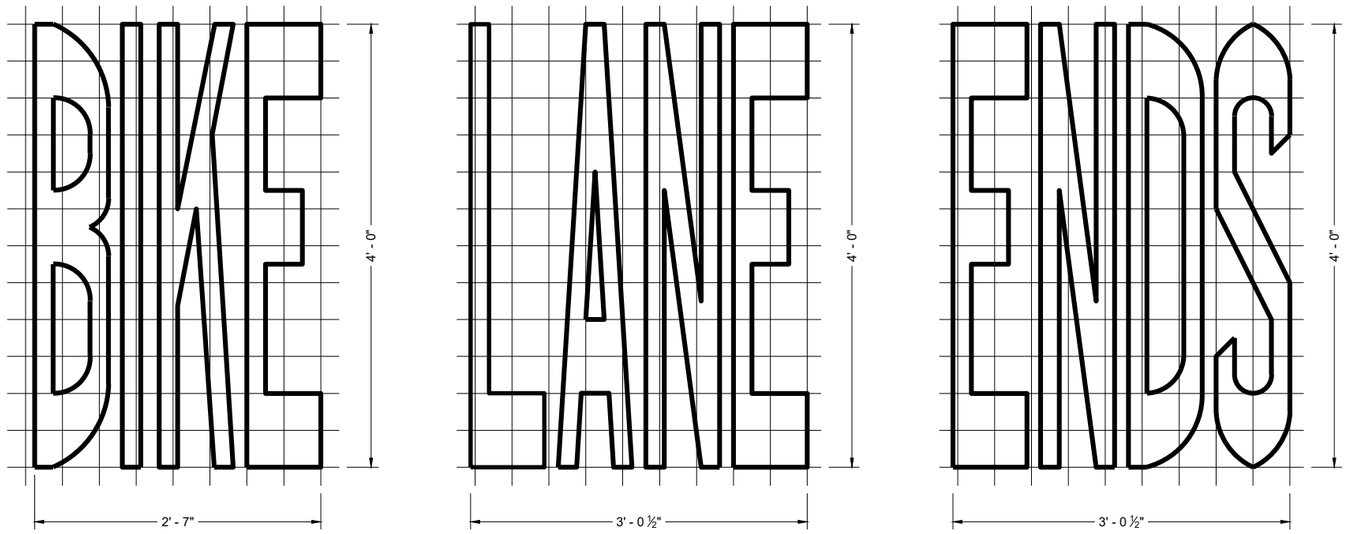
FHWA

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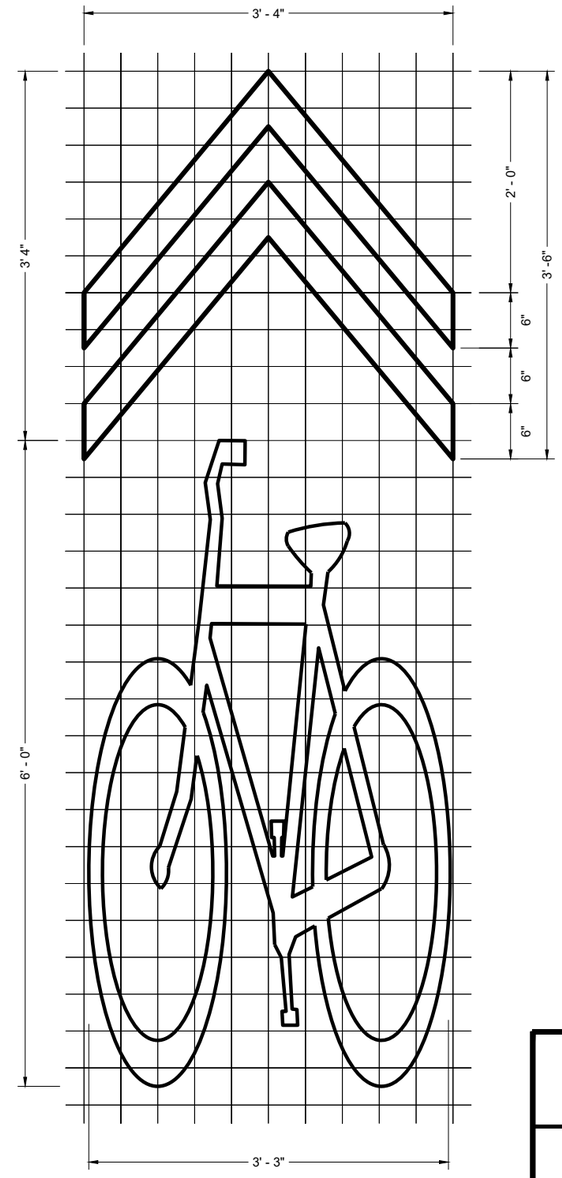
SDD 15C07-16c

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.

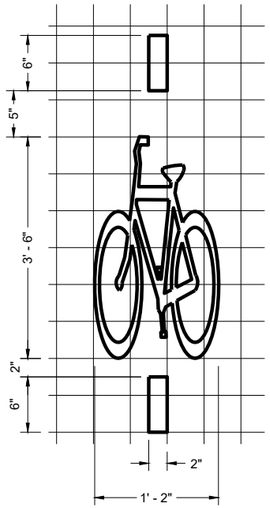


BIKE LANE WORDS



BIKE LANE SYMBOL FOR SHARED LANE

BIKE LANE ARROW



BICYCLE DETECTOR PAVEMENT MARKING

BIKE LANE SYMBOL

PAVEMENT MARKING FOR BIKE LANES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2024 — DATE
/S/ Jeannie Silver — STATE SIGNING AND MARKING ENGINEER

FHWA

6

SDD 15C07-16e

6

SDD 15C07-16e

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.

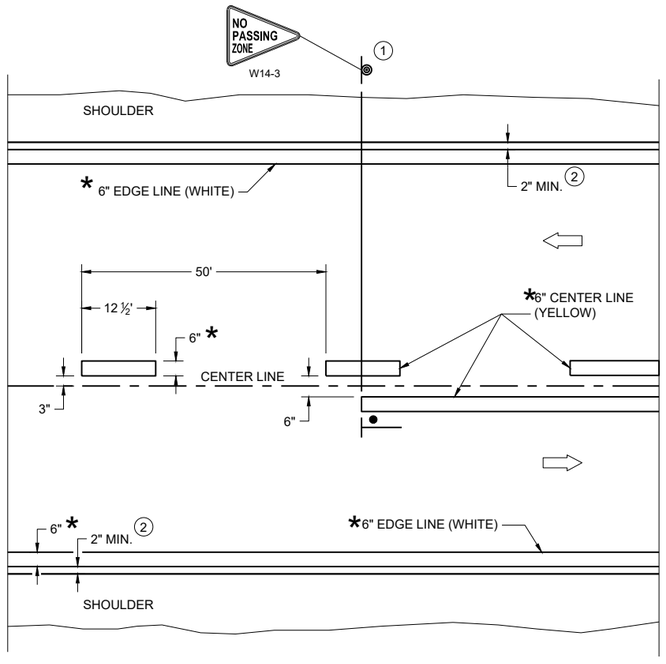
*CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES

LEGEND

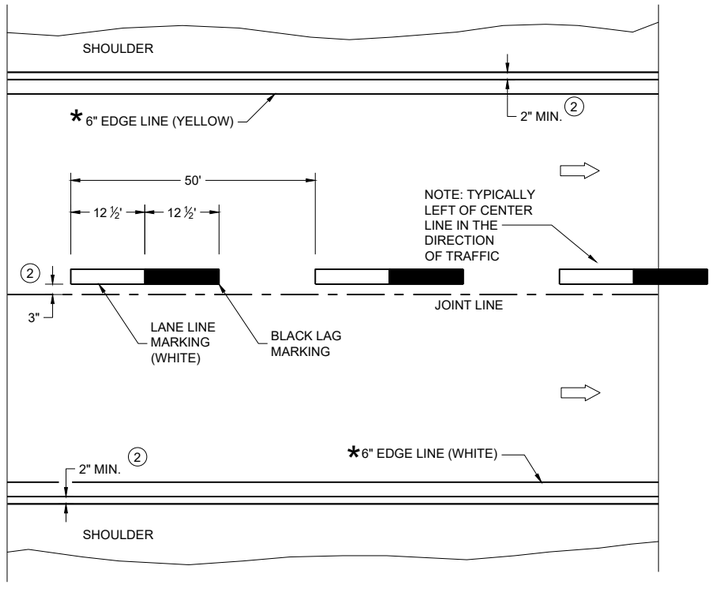
"T" MARKING

SIGN ON PERMANENT SUPPORT

DIRECTION OF TRAFFIC



TWO WAY TRAFFIC



ONE WAY TRAFFIC

PERMANENT PAVEMENT MARKING

PERMANENT LONGITUDINAL PAVEMENT MARKINGS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
December 2024
DATE

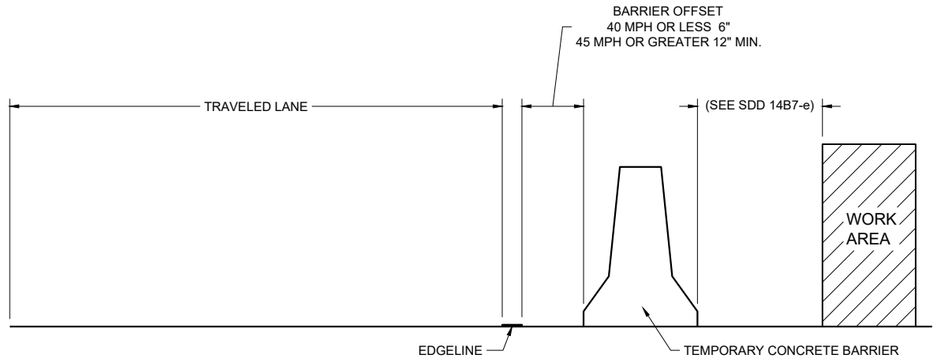
/S/ Jeannie Silver
Statewide Pavement Marking Engineer

FHWA

6

SDD 15C08-24a

SDD 15C08-24a



TEMPORARY BARRIER OFFSET FROM EDGELINE

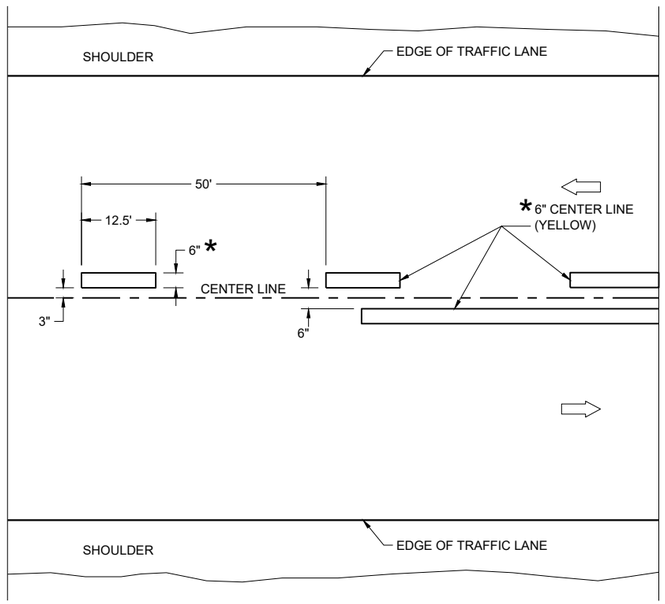
GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.

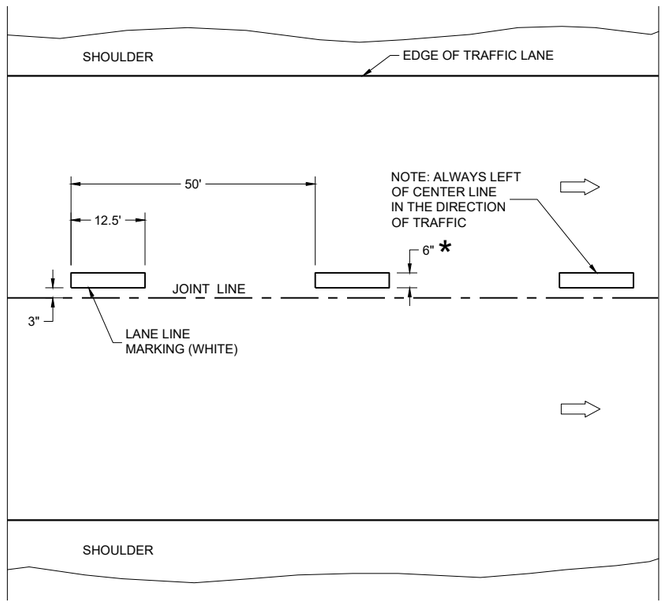
LEGEND

DIRECTION OF TRAFFIC

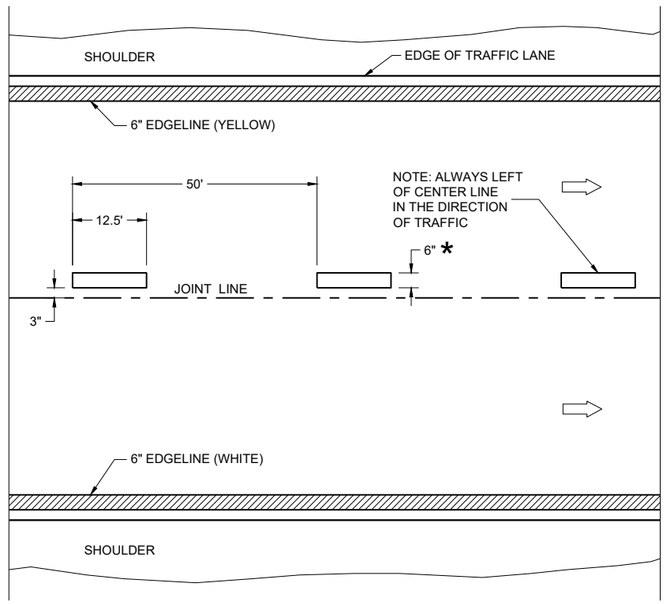
*CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES



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

6

SDD 15C08-24b

6

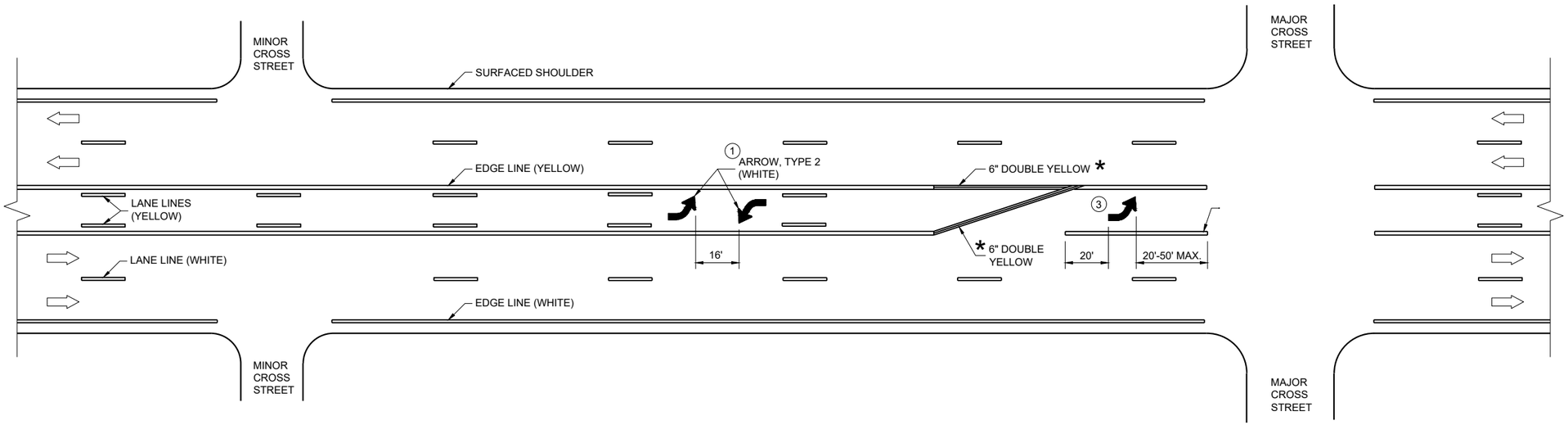
SDD 15C08-24b

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



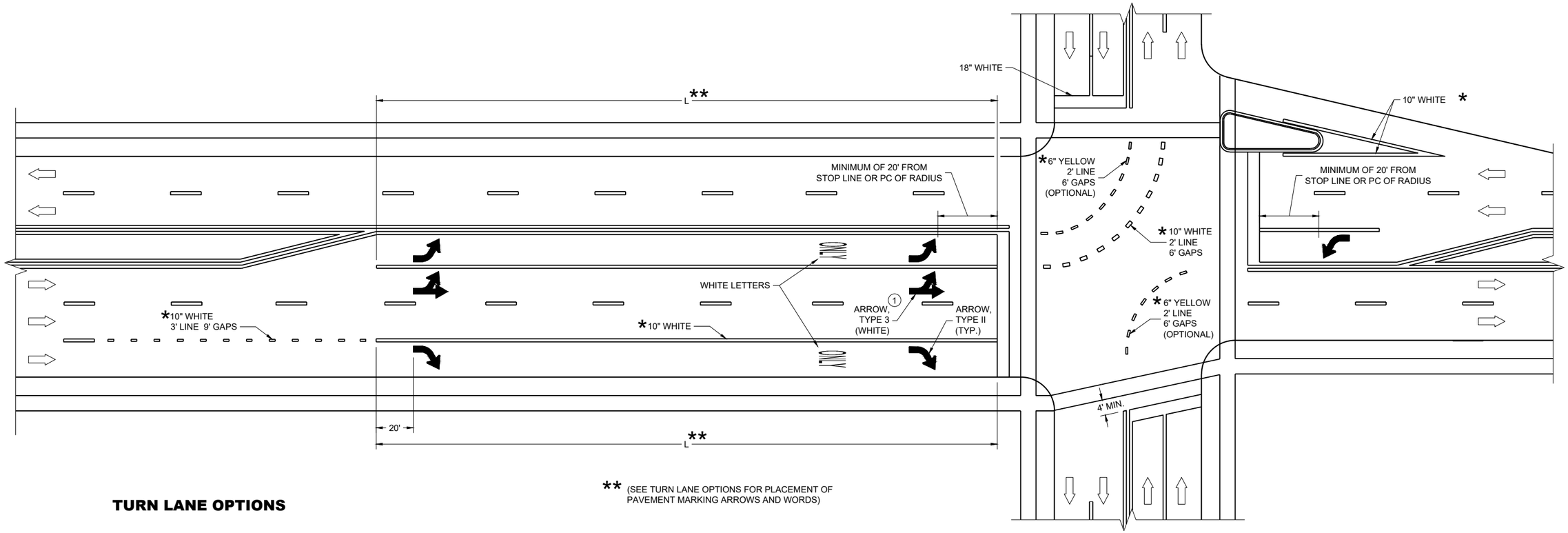
TWO WAY LEFT TURN LANE

6

PAVEMENT MARKING (TURN LANES)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

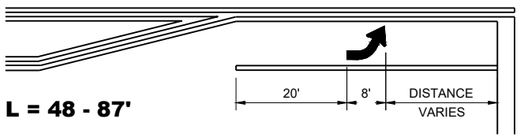
SDD 15C08-24c



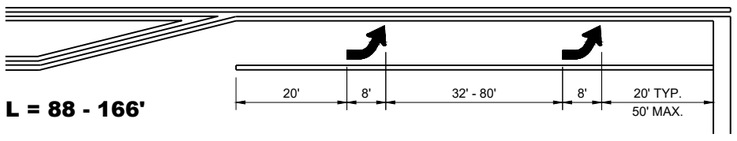
** (SEE TURN LANE OPTIONS FOR PLACEMENT OF PAVEMENT MARKING ARROWS AND WORDS)

TURN LANE OPTIONS

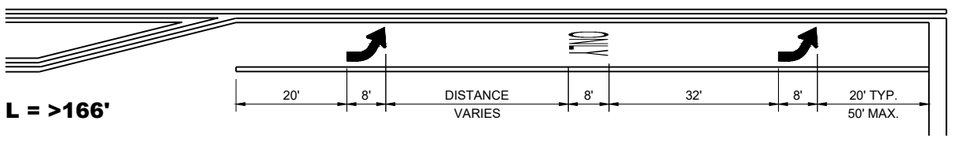
LENGTH OF TURN BAY (**L**) OF 0 - 47' DOES NOT
REQUIRE PAVEMENT MARKING ARROWS OR WORDS



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

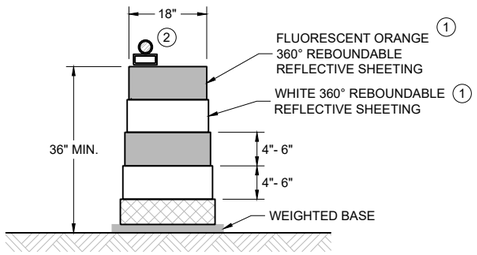
PAVEMENT MARKING (TURN LANES)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

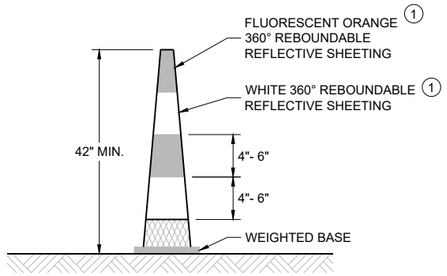
(1) REFLECTIVE SHEETING SHALL FOLLOW THE REQUIREMENTS IN THE APPROVED PRODUCTS LISTING FOR SIGN SHEETING.

(2) LOCATION OF WARNING LIGHTS WHEN SHOWN ON THE PLAN.



DRUM

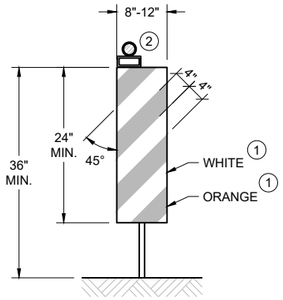
BALLAST WIDTHS
RANGE FROM 24"-36"



42" CONE

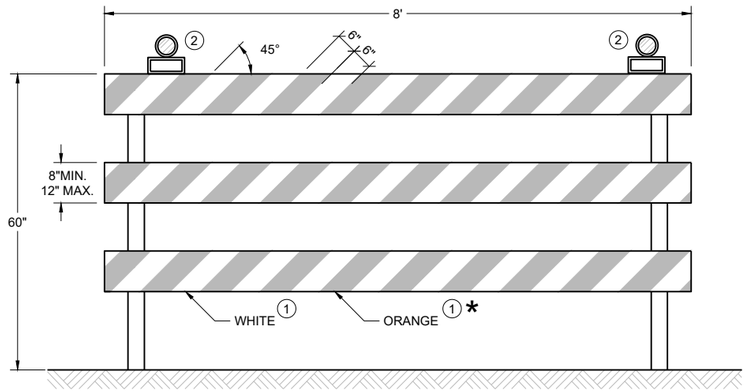
DO NOT USE IN TAPERS
½ SPACING OF DRUMS

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

LEGEND

SIGN ON PORTABLE OR PERMANENT SUPPORT

TEMPORARY PORTABLE RUMBLE STRIP ARRAY

DIRECTION OF TRAFFIC

WORK AREA

FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF

GENERAL NOTES

DETAILS OF TRAFFIC CONTROL DEVICES AND INSTALLATION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS, THE SPECIAL PROVISIONS, AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

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

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS, DEVICES, AND LOCATION OF ALL FLAGGERS SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE FIRST ADVANCE WARNING SIGN SHOULD TYPICALLY BE LOCATED IN ADVANCE OF THE ANTICIPATED TRAFFIC BACKUP OR QUEUE.

WHEN A SIDE ROAD OR RAMP INTERSECTS THE FACILITY ON WHICH THE WORK IS BEING PERFORMED, ADDITIONAL TRAFFIC CONTROLS SHALL BE PROVIDED AS SPECIFIED IN THE PLANS AND/OR THE SPECIAL PROVISIONS OR AS APPROVED BY THE ENGINEER.

FLAGGING

FLAGGERS SHALL BE IN SIGHT OF EACH OTHER OR IN DIRECT COMMUNICATION AT ALL TIMES. THEY SHALL BE EQUIPPED WITH STOP/SLOW PADDLES FASTENED ON SUPPORT STAFFS. WHEN THE FLAGGING OPERATION IS NOT IN EFFECT REMOVE TEMPORARY PORTABLE RUMBLE STRIPS PRIOR TO COVERING OR REMOVING ALL ADVANCE SIGNING.

(1) FOR MOVING WORK OPERATIONS, POST ADDITIONAL W20-7A FLAGGER SIGNS AT APPROXIMATELY 3,500' INTERVALS IN THE MOVING WORK OPERATION OR AS APPROVED BY THE ENGINEER.

(2) SIGN NOT REQUIRED IF FLAGGING OPERATION OCCURS WITHIN A SIGNED ROAD WORK ZONE AREA.

WHEN THE DISTANCE BETWEEN FLAGGERS EXCEEDS 2 MILES, A PILOT CAR IS REQUIRED. WHEN CURVES REDUCE SIGHT DISTANCE BELOW 400', A PILOT CAR IS REQUIRED.

TEMPORARY PORTABLE RUMBLE STRIPS

UTILIZE TEMPORARY PORTABLE RUMBLE STRIPS ON ALL FLAGGING OPERATIONS.

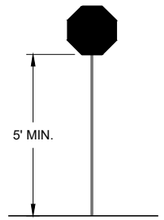
(3) EACH TEMPORARY PORTABLE RUMBLE STRIP ARRAY CONSISTS OF THREE RUMBLE STRIPS PLACED TRANSVERSE ACROSS THE LANE AT THE LOCATIONS SHOWN. WITHIN EACH ARRAY, SPACING BETWEEN RUMBLE STRIPS SHALL BE 15 FEET ON CENTER

ONLY USE TEMPORARY PORTABLE RUMBLE STRIPS FROM THE APPROVED PRODUCTS LIST.

INSTALL TEMPORARY RUMBLE STRIPS PER MANUFACTURER'S RECOMMENDATIONS.

PLACE ADVANCE SIGNING PRIOR TO INSTALLING TEMPORARY RUMBLE STRIPS.

DO NOT INSTALL TEMPORARY PORTABLE RUMBLE STRIPS ON GRAVEL, MILLED SURFACES, OR ASPHALT THAT HAS BEEN PAVED LESS THAN 12 HOURS.



STOP/SLOW PADDLE ON SUPPORT STAFF

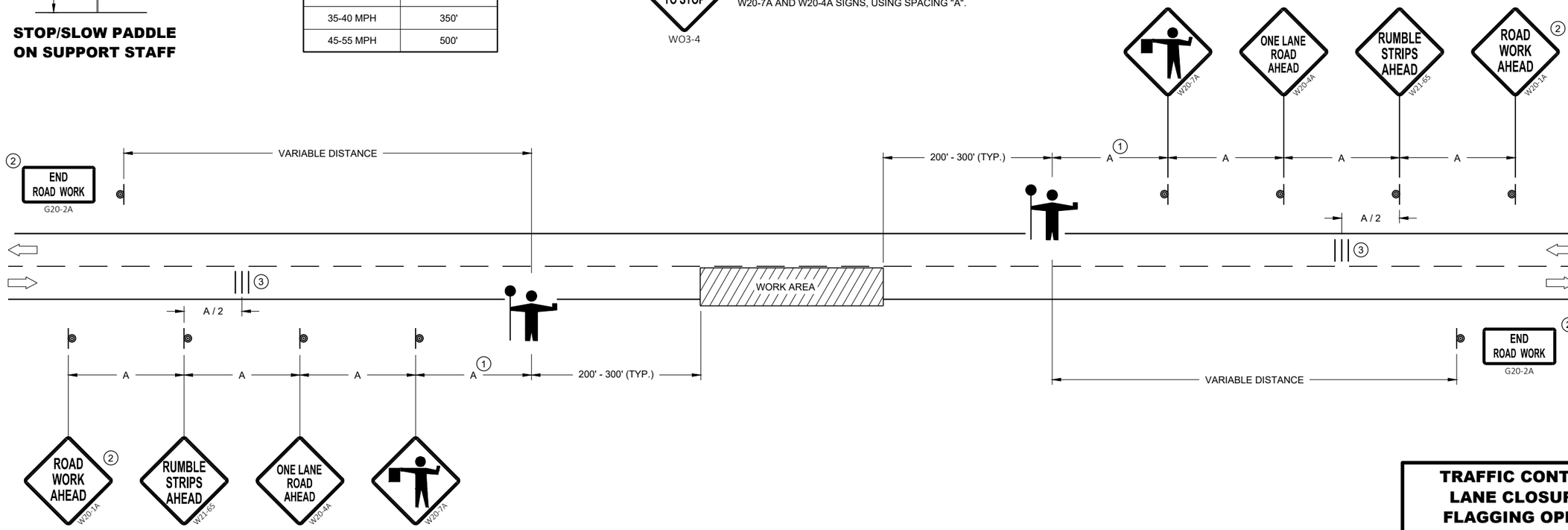
SIGN AND TEMPORARY RUMBLE STRIP ARRAY SPACING TABLE

SPEED LIMIT	SPACING "A"
25-30 MPH	200'
35-40 MPH	350'
45-55 MPH	500'



WO3-4

USE OF WO3-4 SIGN IS OPTIONAL. WHEN USED, THIS SIGN SHALL BE LOCATED BETWEEN THE W20-7A AND W20-4A SIGNS, USING SPACING "A".



TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2022
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA

6

SDD 15C12 - 09a

6

SDD 15C12 - 09a

GENERAL NOTES

SIGN ON PERMANENT SUPPORT

TRAFFIC CONTROL CONE 42-INCH

TRAFFIC CONTROL DRUM

TEMPORARY PORTABLE RUMBLE STRIP ARRAY

DIRECTION OF TRAFFIC

WORK AREA

AFAD — AUTOMATED FLAGGER ASSISTANCE DEVICE (AFAD)

GENERAL NOTES

DETAILS OF TRAFFIC CONTROL DEVICES AND INSTALLATION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS, THE SPECIAL PROVISIONS, AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

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

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS, DEVICES, AND LOCATION OF ALL FLAGGERS SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE FIRST ADVANCE WARNING SIGN SHOULD TYPICALLY BE LOCATED IN ADVANCE OF THE ANTICIPATED TRAFFIC BACKUP OR QUEUE.

WHEN A SIDE ROAD OR RAMP INTERSECTS THE FACILITY ON WHICH THE WORK IS BEING PERFORMED, ADDITIONAL TRAFFIC CONTROLS SHALL BE PROVIDED AS SPECIFIED IN THE PLANS AND/OR THE SPECIAL PROVISIONS OR AS APPROVED BY THE ENGINEER.

FLAGGING

IF THE AUTOMATED FLAGGER ASSISTANCE DEVICE (AFAD) STOPS WORKING, FLAGGERS SHALL BE IN SIGHT OF EACH OTHER OR IN DIRECT COMMUNICATION AT ALL TIMES. THEY SHALL BE EQUIPPED WITH STOP/SLOW PADDLES FASTENED ON SUPPORT STAFFS. WHEN THE FLAGGING OPERATION IS NOT IN EFFECT REMOVE TEMPORARY PORTABLE RUMBLE STRIPS PRIOR TO COVERING OR REMOVING ALL ADVANCE SIGNING.

WHEN THE DISTANCE BETWEEN FLAGGERS EXCEEDS 2 MILES, A PILOT CAR IS REQUIRED. WHEN CURVES REDUCE SIGHT DISTANCE BELOW 400', A PILOT CAR IS REQUIRED.

(1) SIGN NOT REQUIRED IF FLAGGING OPERATION OCCURS WITHIN A SIGNED ROAD WORK ZONE AREA.

(2) IF FLAGGERS ARE PHYSICALLY NEEDED TO FLAG, REPLACE WO3-4 SIGNS WITH W20-7A SIGNS.

TEMPORARY PORTABLE RUMBLE STRIPS

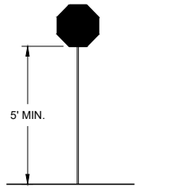
UTILIZE TEMPORARY PORTABLE RUMBLE STRIPS ON ALL FLAGGING OPERATIONS.

ONLY USE TEMPORARY PORTABLE RUMBLE STRIPS FROM THE APPROVED PRODUCTS LIST.

PLACE ADVANCE SIGNING PRIOR TO INSTALLING TEMPORARY RUMBLE STRIPS.

DO NOT INSTALL TEMPORARY PORTABLE RUMBLE STRIPS ON GRAVEL, MILLED SURFACES, OR ASPHALT THAT HAS BEEN PAVED LESS THAN 12 HOURS.

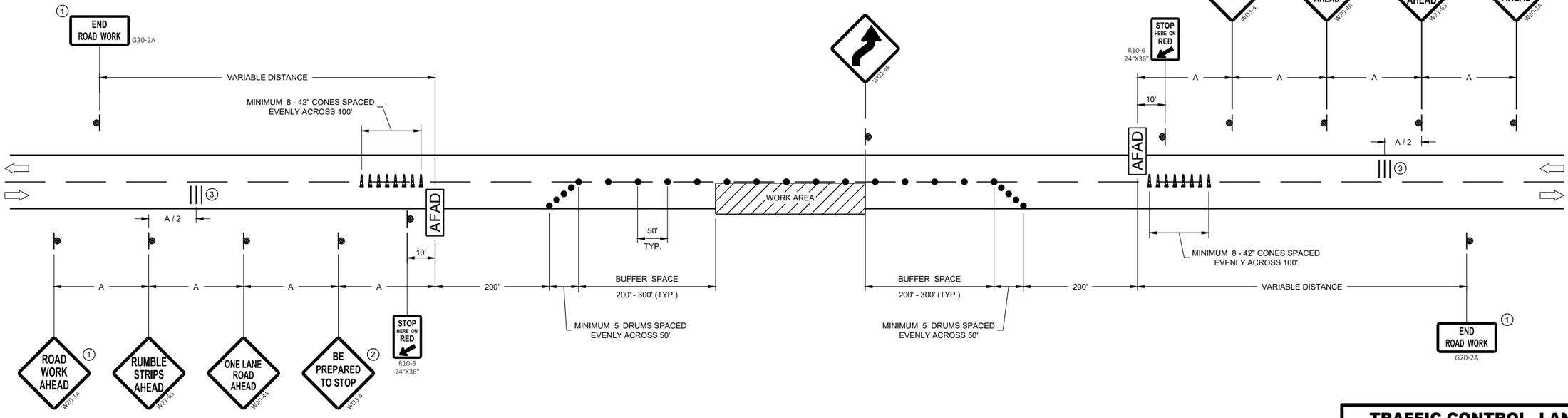
(3) EACH TEMPORARY PORTABLE RUMBLE STRIP ARRAY CONSISTS OF THREE RUMBLE STRIPS PLACED TRANSVERSELY AT THE LOCATIONS SHOWN. WITHIN EACH ARRAY, SPACING BETWEEN RUMBLE STRIPS SHALL BE 15 FEET ON CENTER.



STOP/SLOW PADDLE ON SUPPORT STAFF

SIGN AND TEMPORARY RUMBLE STRIP ARRAY SPACING TABLE

SPEED LIMIT	SPACING "A"
25-30 MPH	200'
35-40 MPH	350'
45-55 MPH	500'



TRAFFIC CONTROL, LANE CLOSURE WITH AUTOMATED FLAGGER ASSISTANCE DEVICE

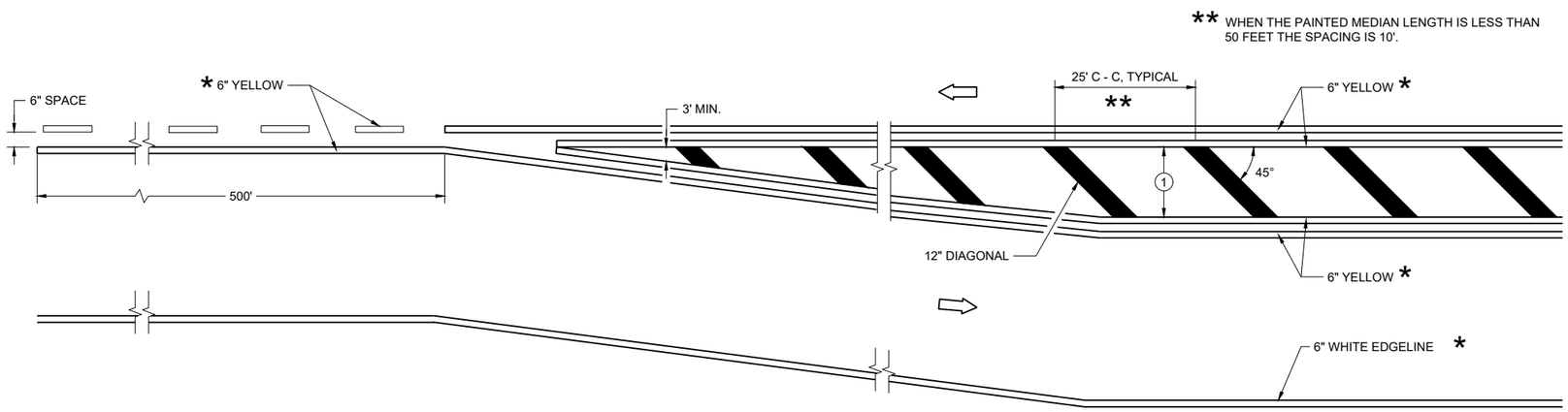
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2022 — DATE
/S/ Andrew Heidtke — WORK ZONE ENGINEER

FHWA

SDD 15C12 - 09b

SDD 15C12 - 09b



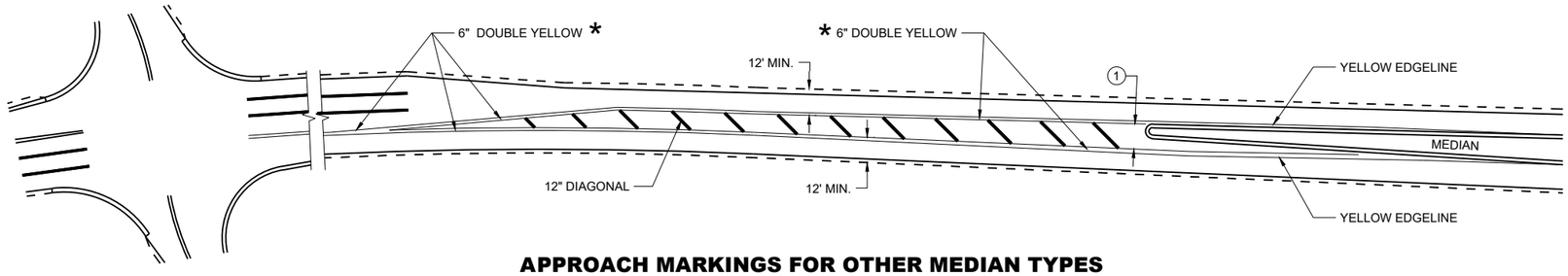
MEDIAN ISLAND DETAIL

GENERAL NOTES

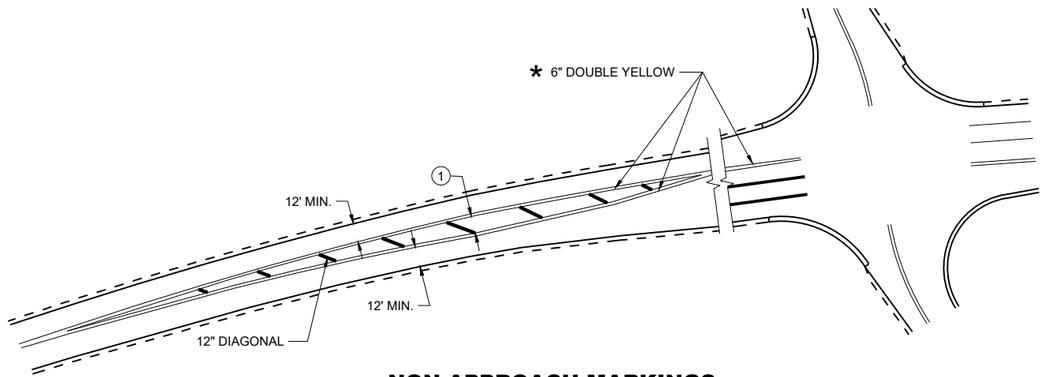
(1) DIAGONALS ARE OPTIONAL WHEN PAINTED ISLAND IS LESS THAN 6 FEET AT THE WIDEST POINT. OMIT DIAGONALS IF WIDTH IS LESS THAN 4 FEET.

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

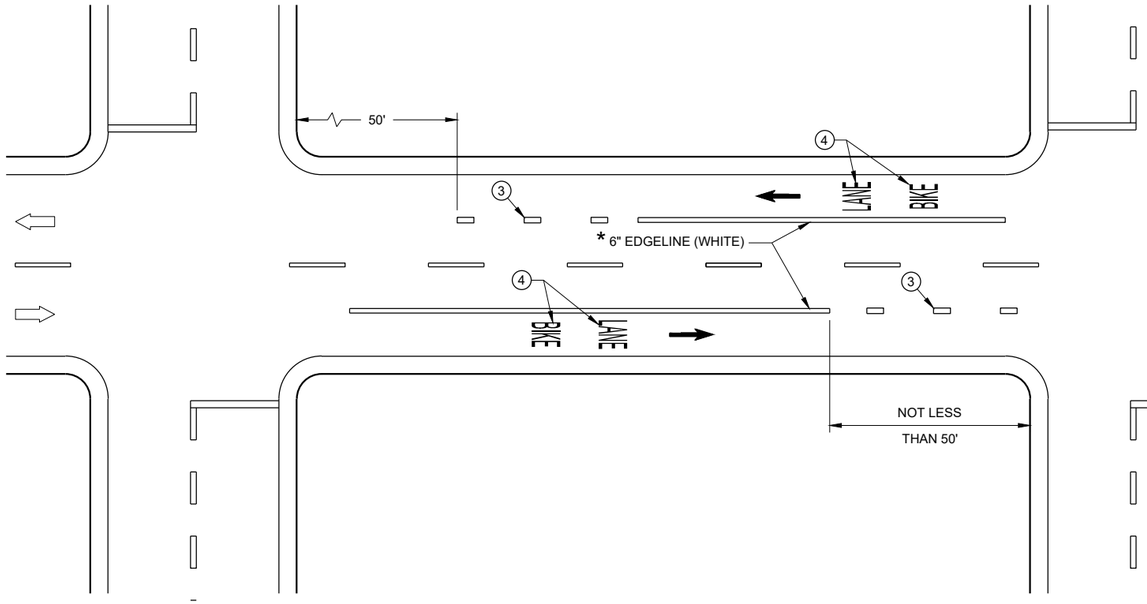
APPROVED
August 2024
DATE

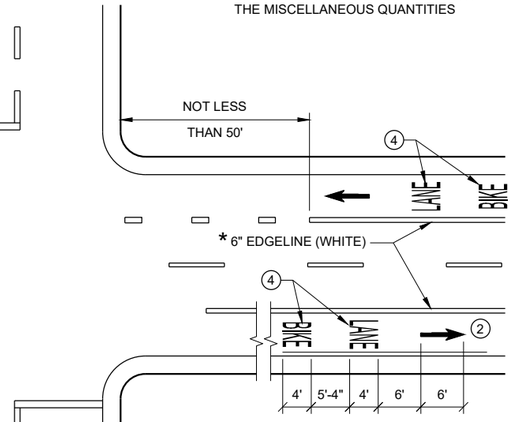
/S/ Jeannie Silver
Statewide Pavement Marking Engineer

FHWA

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SDD 15C18-09a



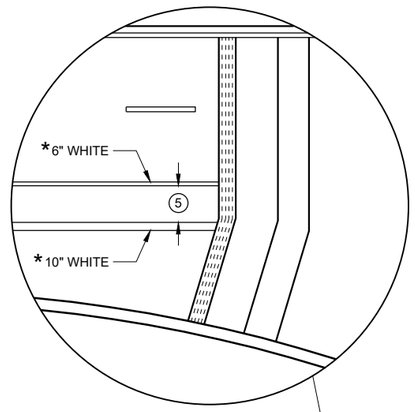


GENERAL NOTES

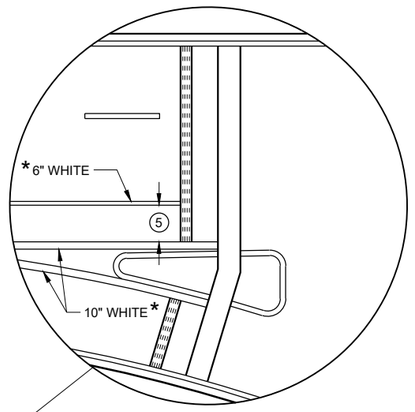
1. DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
2. MINIMUM OF ONE PER BLOCK. MAXIMUM OF 250 FEET.
3. DOTTED LINES (3' LINE, 9' GAP) SHOULD BE USED 50 FEET TO 200 FEET IN ADVANCE OF AN INTERSECTION WHERE THERE IS NO RIGHT TURN ONLY LANE AND THERE IS HEAVY RIGHT TURN TRAFFIC OR THERE IS A NEAR-SIDE BUS STOP. AT OTHER INTERSECTIONS WHERE RIGHT TURN TRAFFIC IS LIGHT TO MODERATE, A SOLID LINE CAN BE USED UP TO THE INTERSECTION.
4. BIKE SYMBOLS OR WORDS MAY BE USED.
5. BIKE ACCOMMODATION IS TYPICAL 5 FEET WIDE AND MINIMUM OF 4 FEET FROM A LONGITUDINAL JOINT. USE 5 FEET AT ≥ 45 MPH.
6. OMIT THESE MARKINGS FOR WIDER TURN LANE APPLICATIONS (MINIMUM OF 15 FOOT WIDE TURN LANE).
7. REFER TO CONTRACT PLANS FOR LANE WIDTH.

DIRECTION OF TRAVEL

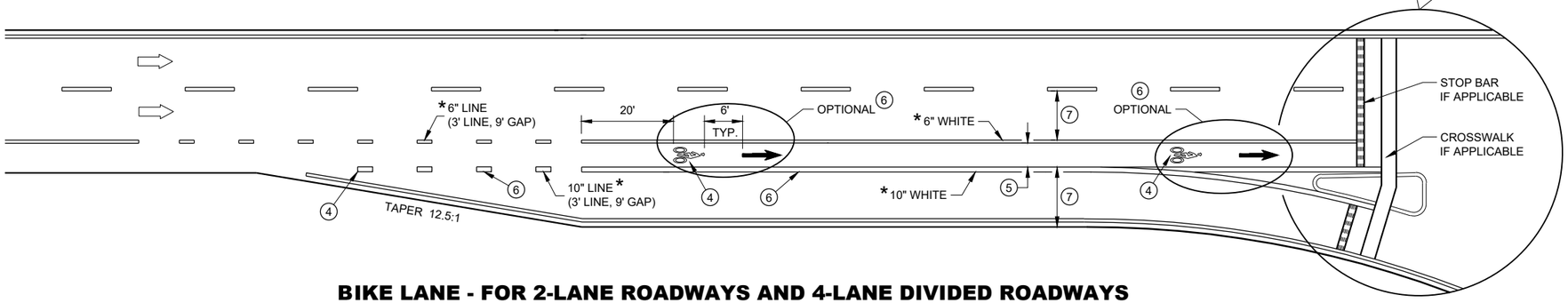
DESIGNATED BIKE LANE - NO PARKING



4 LANE DIVIDED WITHOUT ISLAND



4 LANE DIVIDED WITH ISLAND



BIKE LANE - FOR 2-LANE ROADWAYS AND 4-LANE DIVIDED ROADWAYS
(4-LANE DIVIDED WITH RIGHT TURN LANE SHOWN)

BIKE LANE MARKING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

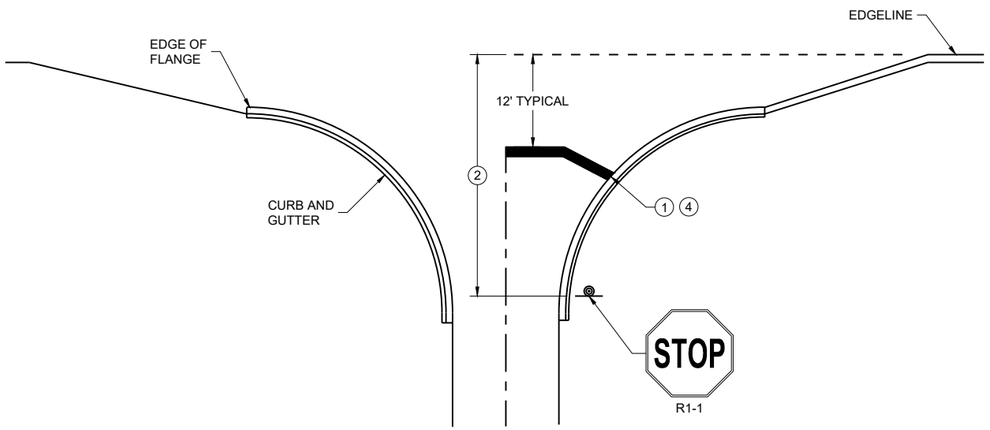
APPROVED
May 2023 — DATE
/S/ Matthew Rauch — STATE SIGNING AND MAF ENGINEER
FHWA

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SDD 15C29-08a

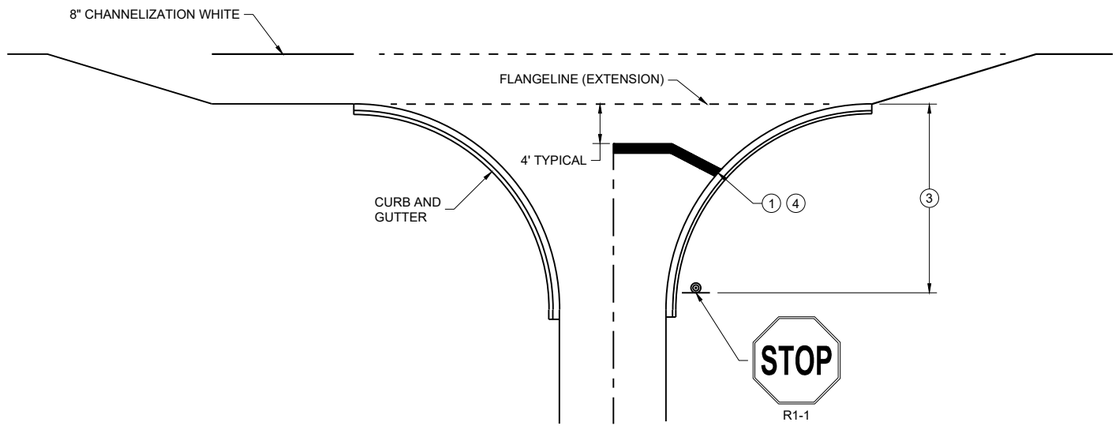
GENERAL NOTES

STOP SIGN SHALL BE PLACED A MINIMUM OF 6 FEET TO A MAXIMUM OF 50 FEET FROM THE EDGELINE LOCATION.

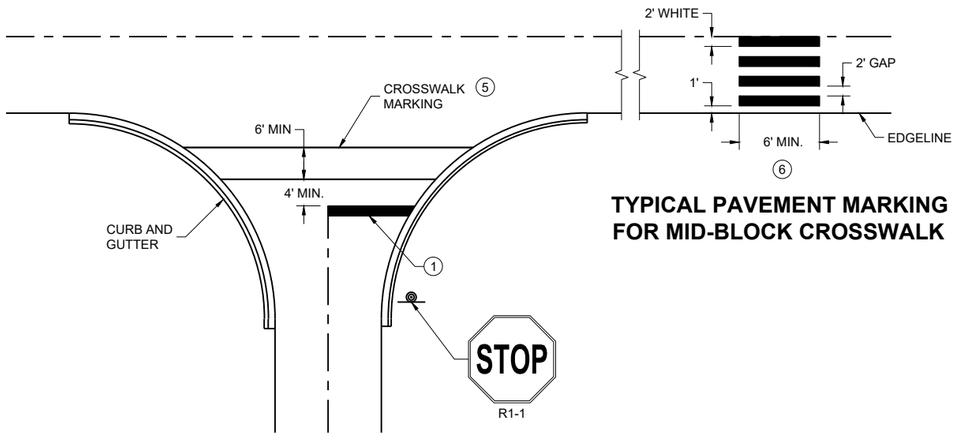
1. 18-INCH STOP LINES MAY BE DELETED OR ADDED BY THE REGION MARKING ENGINEER BASED ON VISIBILITY AND SIGHT LINES.
2. NO STOP LINE IS REQUIRED IF STOP SIGN IS LESS THAN OR EQUAL TO 40 FEET FROM THE EDGELINE.
3. NO STOP LINE IS REQUIRED IF STOP SIGN IS LESS THAN OR EQUAL TO 30 FEET FROM THE FLANGE LINE 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

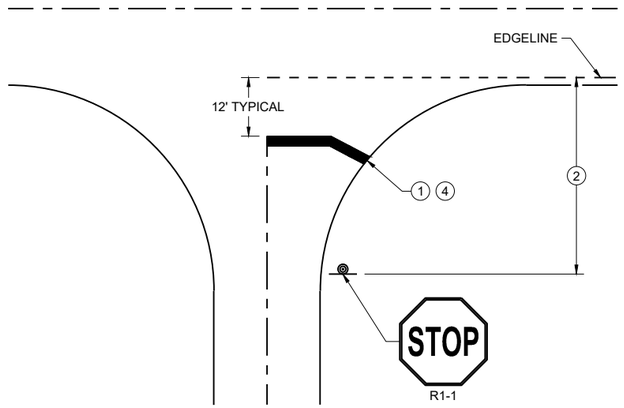


TYPICAL STOP LINE PAVEMENT MARKING FOR SIDE ROADS WITH RIGHT TURN LANE



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

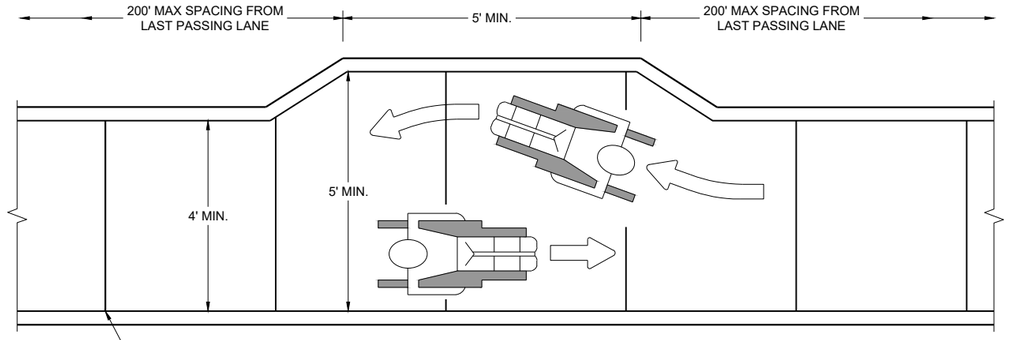
FHWA

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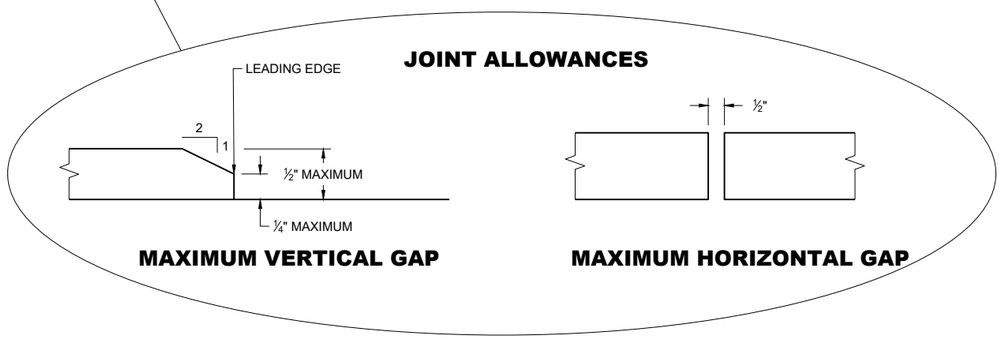
SDD 15C33-05

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SDD 15C33-05



NARROW SIDEWALK PASSING DETAIL



MAXIMUM VERTICAL GAP

MAXIMUM HORIZONTAL GAP

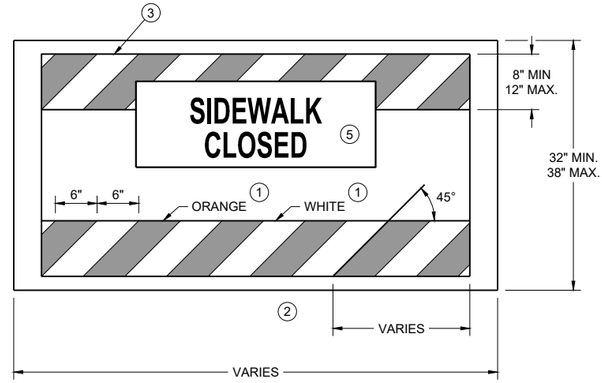
GENERAL NOTES

BARRICADE DEVICE SELECTED FROM APPROVED PRODUCT LIST

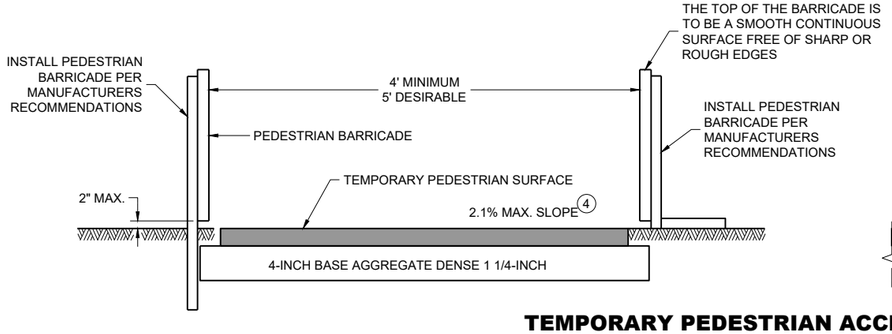
1. REFLECTIVE SHEETING SHALL FOLLOW THE REQUIREMENTS IN THE APPROVED PRODUCTS LISTING FOR SIGN SHEETING.
2. SHEETING REQUIRED ON MORE THAN 50% OF BARRICADE WIDTH.
3. PLACE SHEETING ON BOTH SIDES OF THE BARRICADE.

* USE THIS DETAIL FOR SHEETING PLACEMENT REFERENCE.

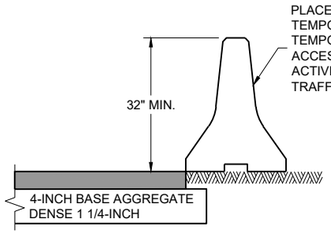
4. WHEN THE TEMPORARY PEDESTRIAN ACCESS ROUTE RUNS PARALLEL ON THE ROADWAY SURFACE, THE MAXIMUM CROSS SLOPE WILL MATCH THE EXISTING ROADWAY CROSS SLOPE.
5. WHERE SIGNS FOR TEMPORARY PEDESTRIAN ACCOMMODATIONS ARE SHOWN BEING PLACED BEHIND TEMPORARY PEDESTRIAN BARRICADE, THE SIGNS MAY BE MOUNTED ON THE 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.

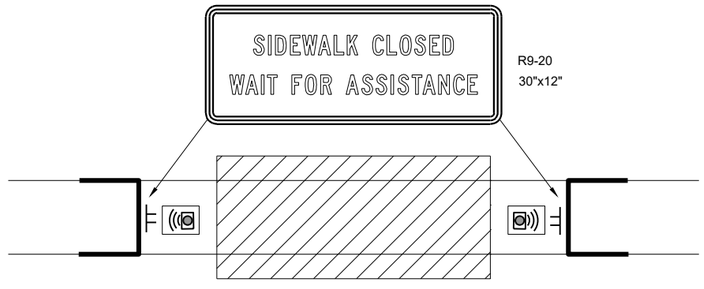


TEMPORARY PEDESTRIAN BARRICADE *



TEMPORARY PEDESTRIAN ACCESS





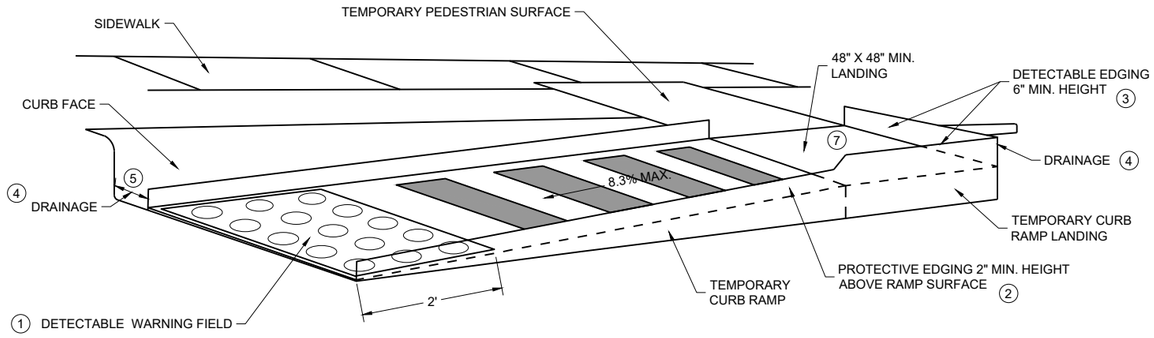
TEMPORARY PEDESTRIAN FLAGGING

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

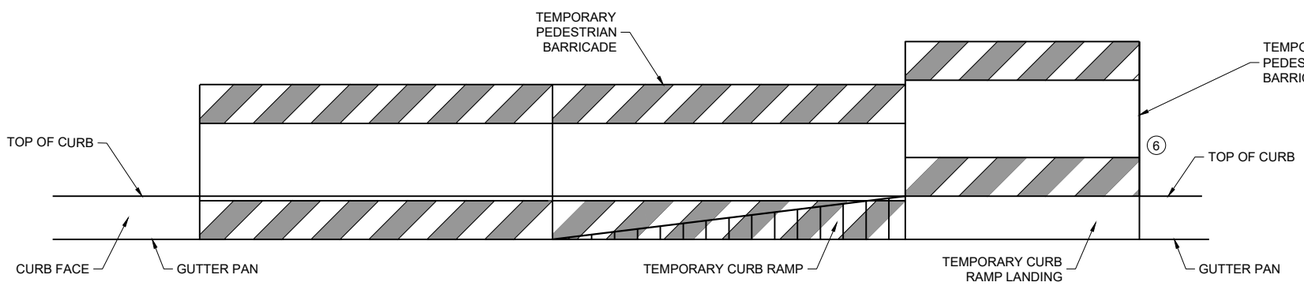
CURB RAMPS SHALL BE 48" MIN. WIDTH WITH A FIRM, STABLE AND SLIP RESISTANT SURFACE.

CURB RAMPS AND LANDINGS SHALL HAVE A 1:48 (2.1%) MAX. CROSS-SLOPE.

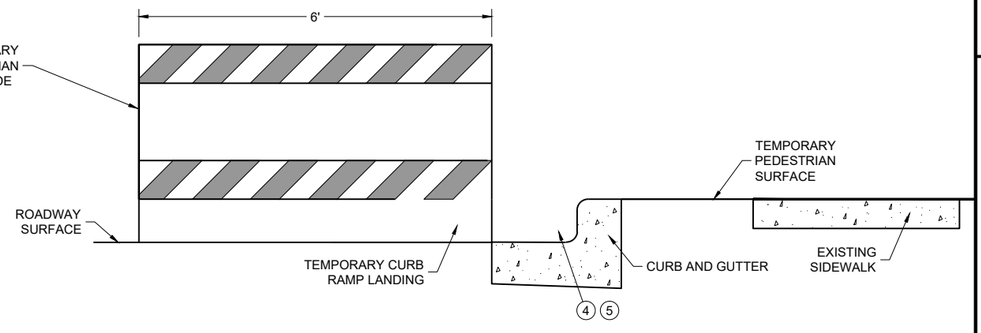
CLEAR SPACE OF 48" X 48" SHALL BE PROVIDED ABOVE AND BELOW THE CURB RAMP. LATERAL JOINTS OR GAPS BETWEEN SURFACES SHALL BE LESS THAN ½" WIDTH.

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

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

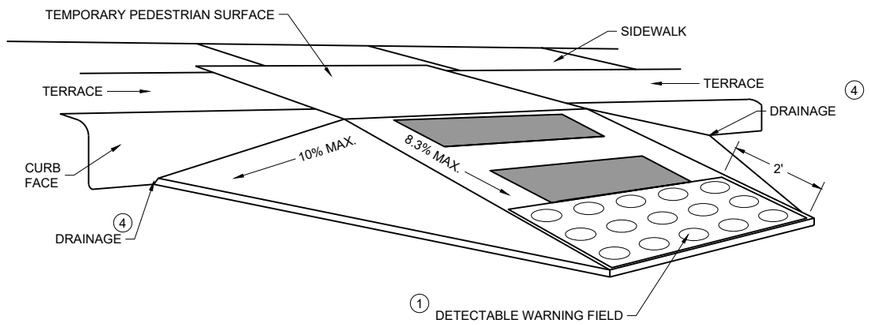
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

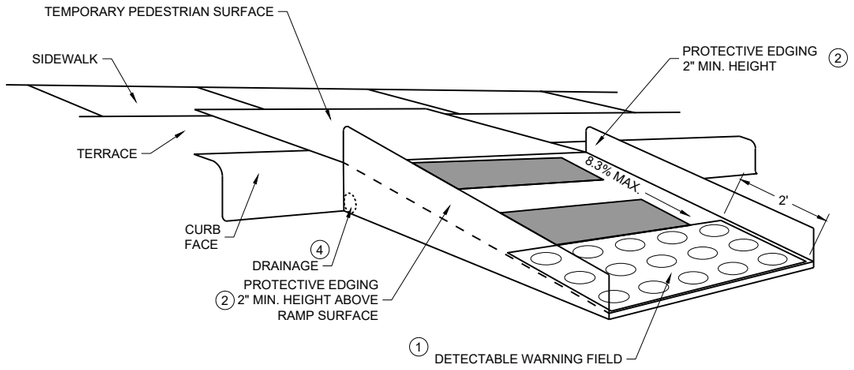
SDD 15D30-12b

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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

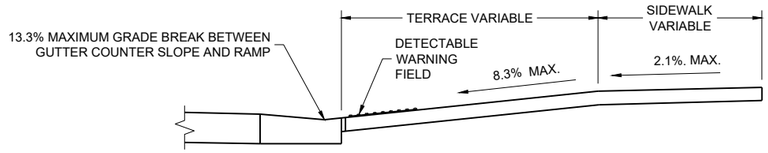
(2) PROTECTIVE EDGING WITH A 2" MIN. HEIGHT SHALL BE INSTALLED WHEN A CURB RAMP OR LANDING PLATFORM HAS A VERTICAL DROP OF 6" OR GREATER OR HAS A SIDE APRON SLOPE STEEPER THAN 1:3 (33%). PROTECTIVE EDGING SHOULD BE CONSIDERED WHEN CURB RAMPS OR LANDING PLATFORMS HAVE A VERTICAL DROP OF 3" OR MORE.

(3) DETECTABLE EDGING WITH 6" MIN. HEIGHT AND CONTRASTING COLOR SHALL BE INSTALLED ON ALL CURB RAMP LANDINGS WHERE THE WALKWAY CHANGES DIRECTION (TURNS).

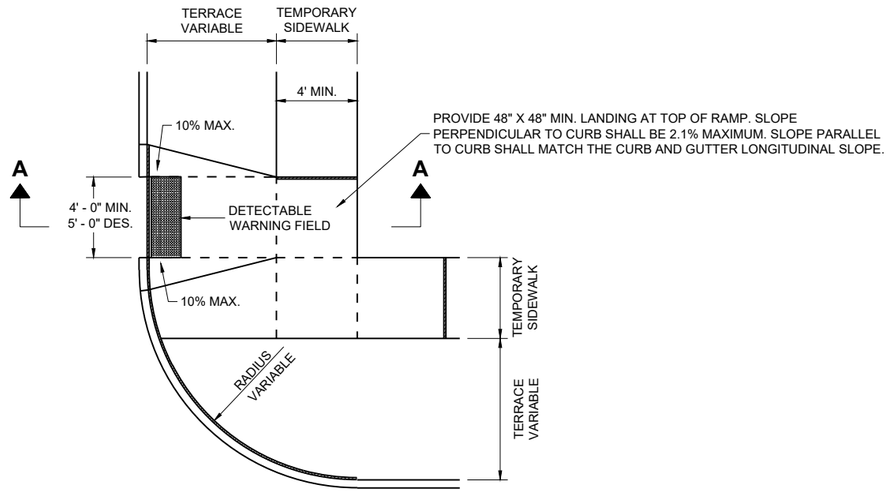
(4) DO NOT RESTRICT WATER FLOW IN THE GUTTER SYSTEM.

(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

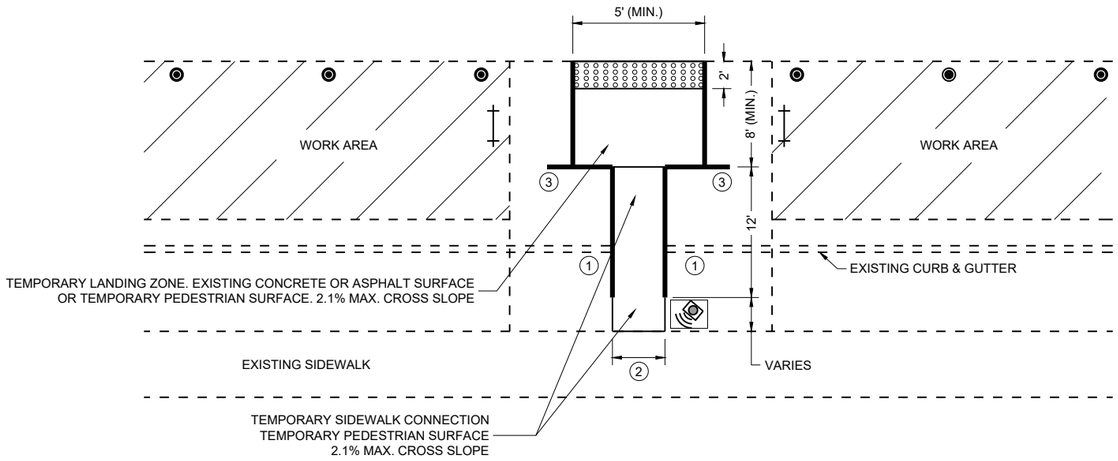
SDD 15D30-12d

TRAFFIC CONTROL,
PEDESTRIAN ACCOMMODATION

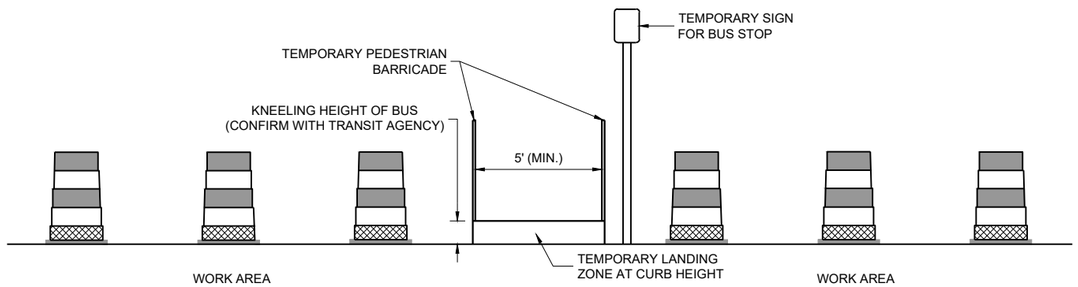
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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

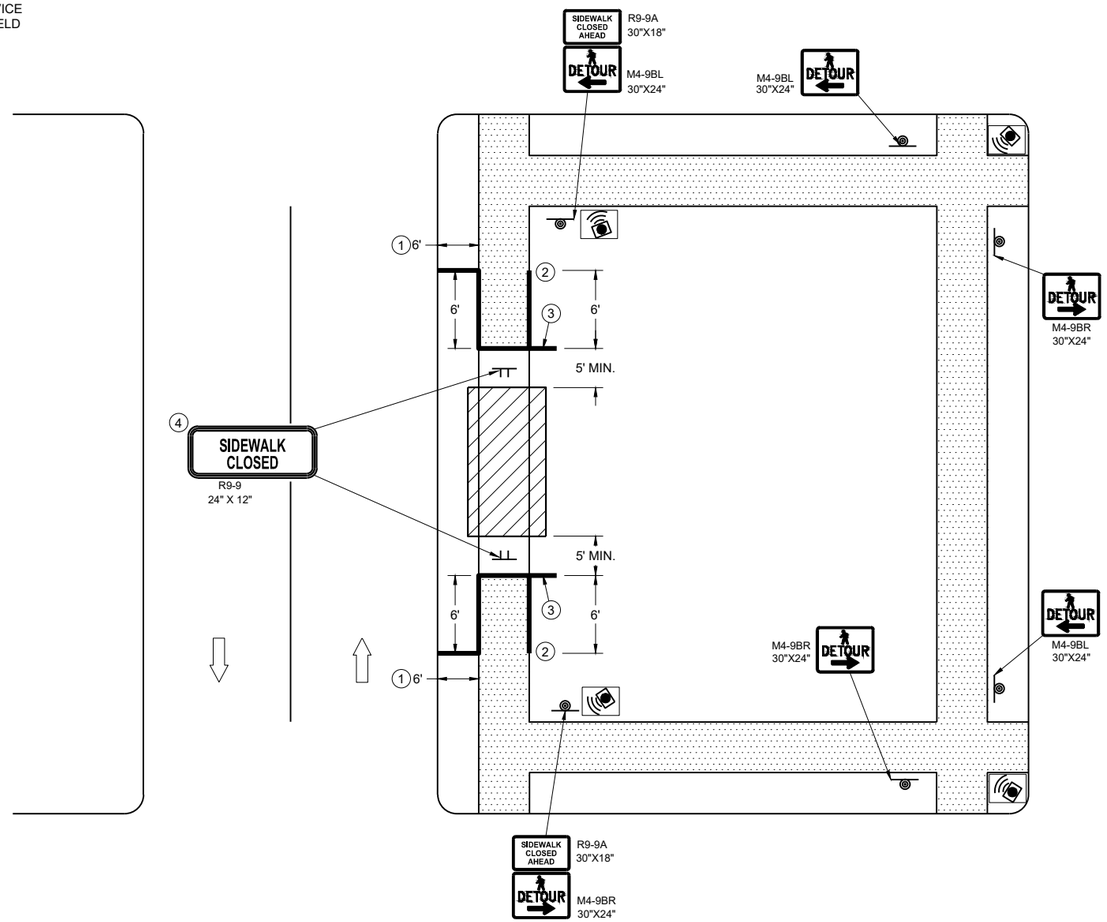
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TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

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.

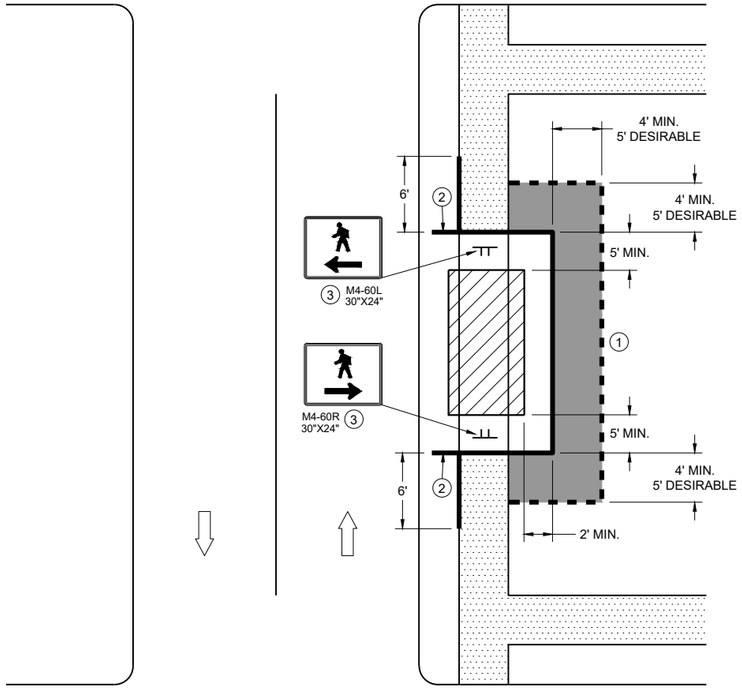
WHERE TEMPORARY BARRICADE RUNS PARALLEL ALONG SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

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.

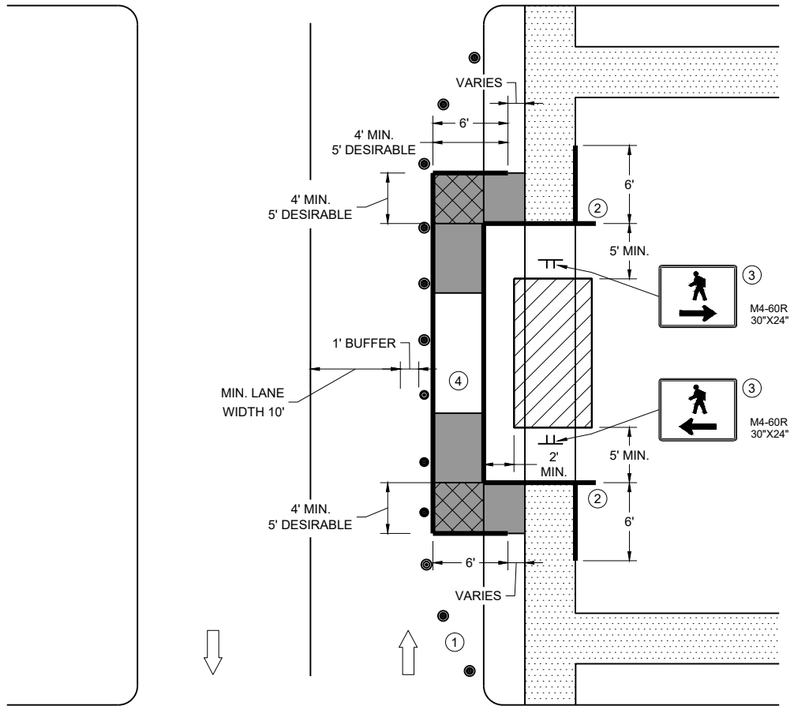
WHERE TEMPORARY BARRICADE RUNS PARALLEL ALONG SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

(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

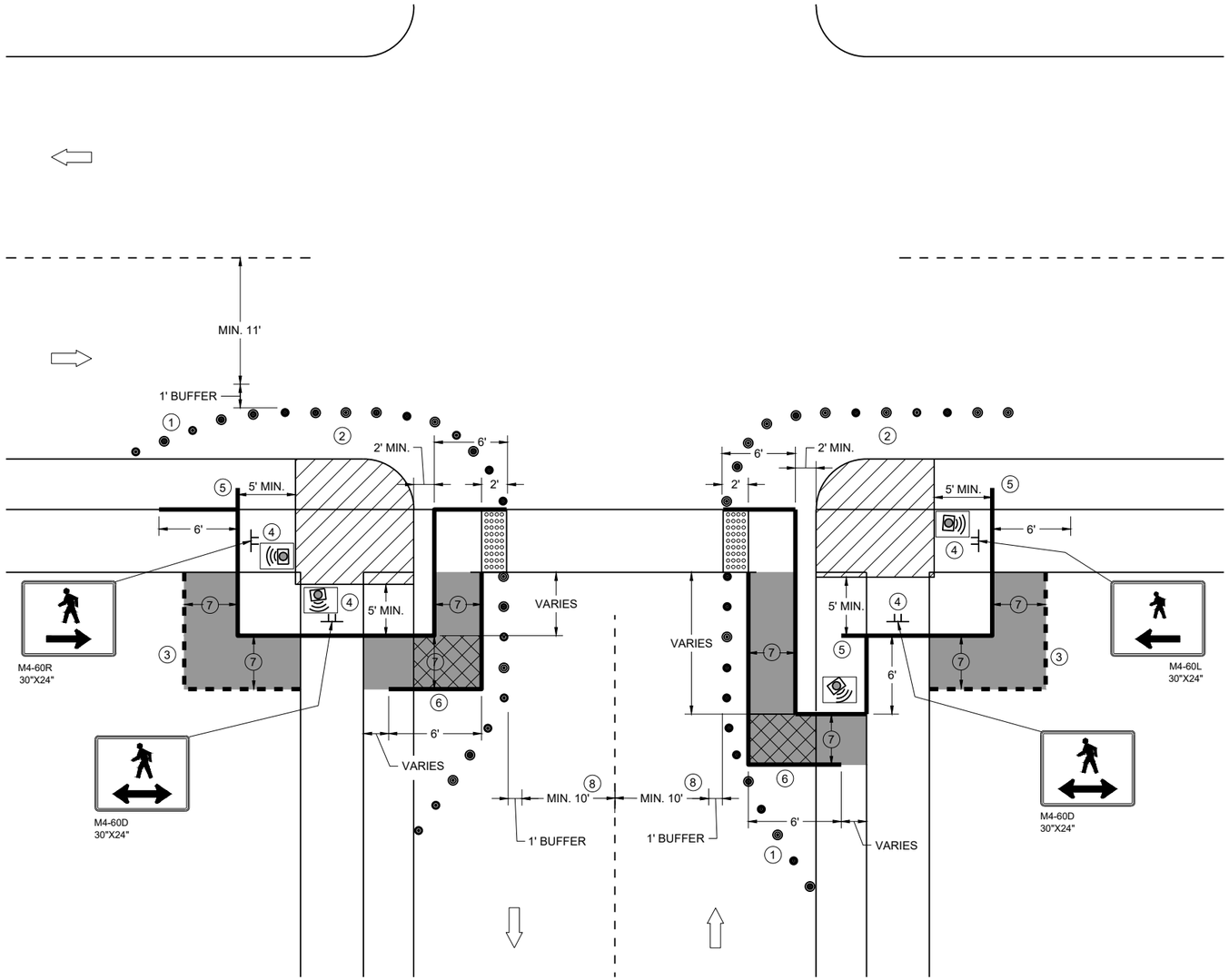
SDD 15D30-12h

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SDD 15D30-12h

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



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.

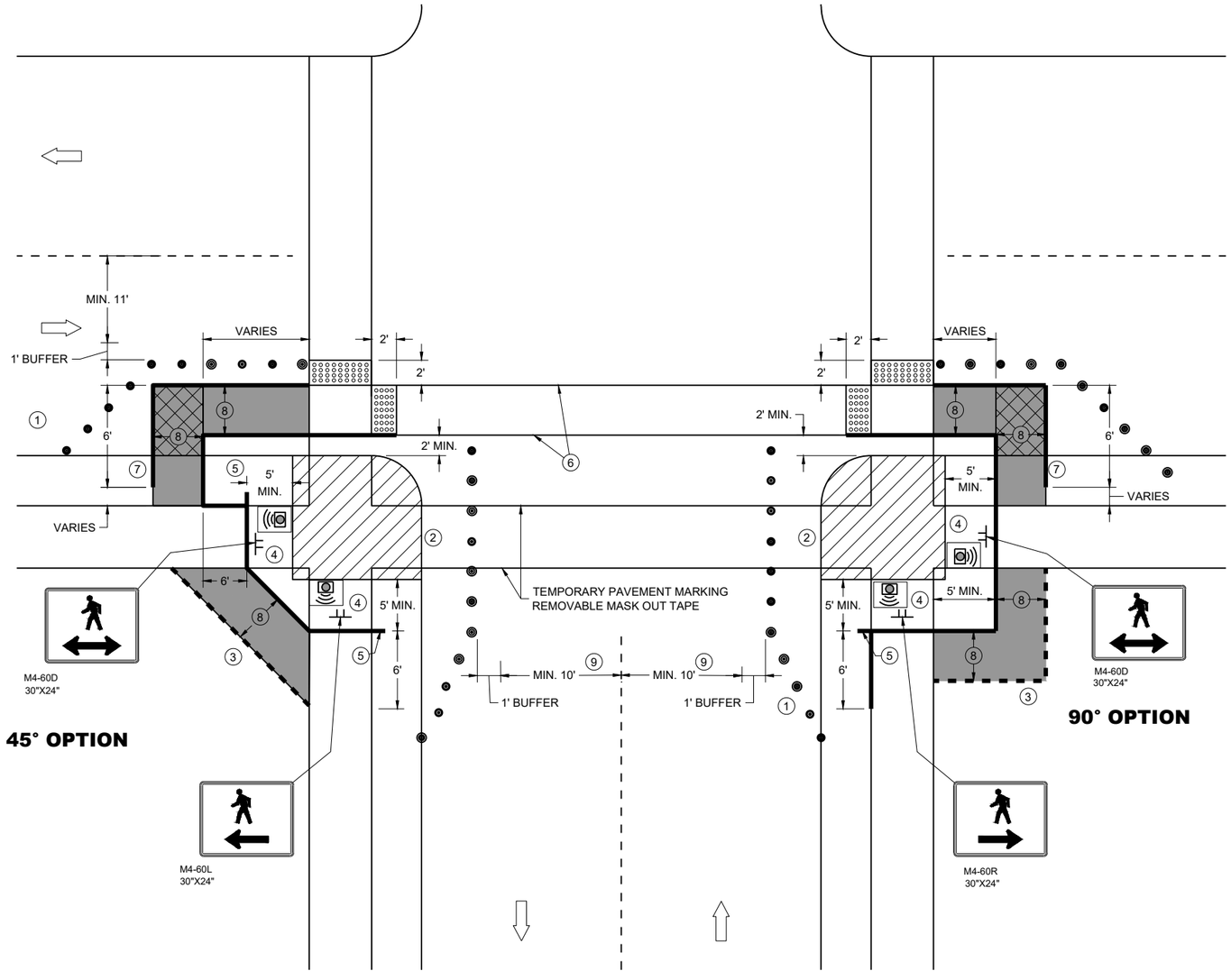
LEGEND

- 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)

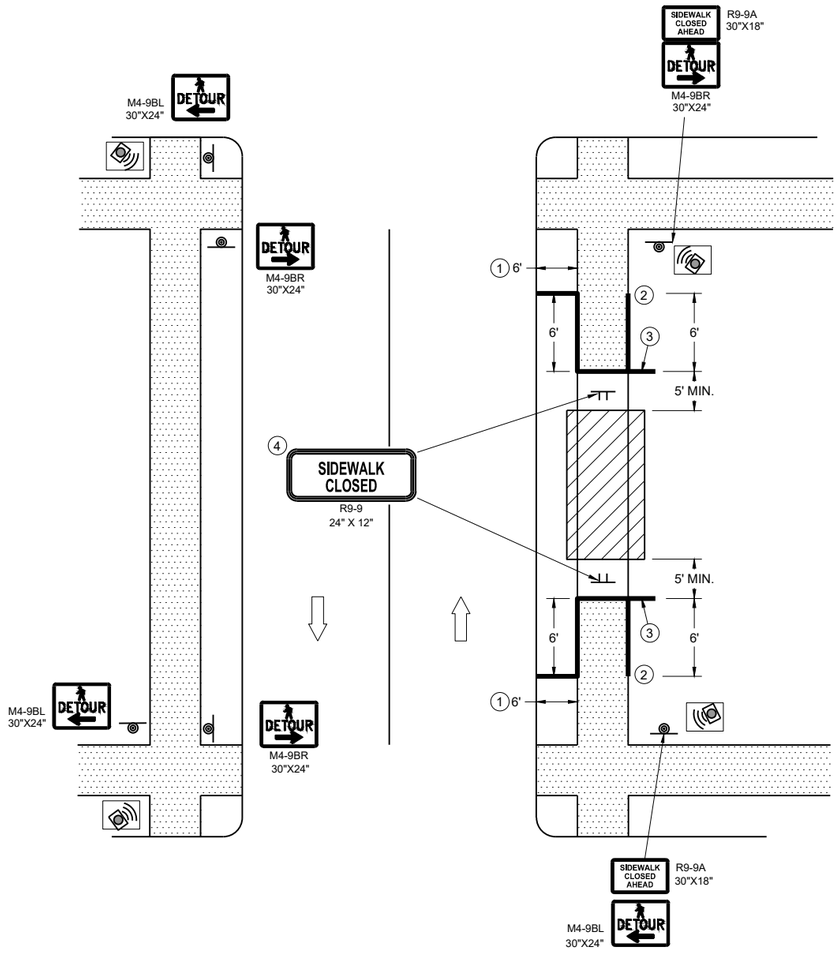
TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

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.

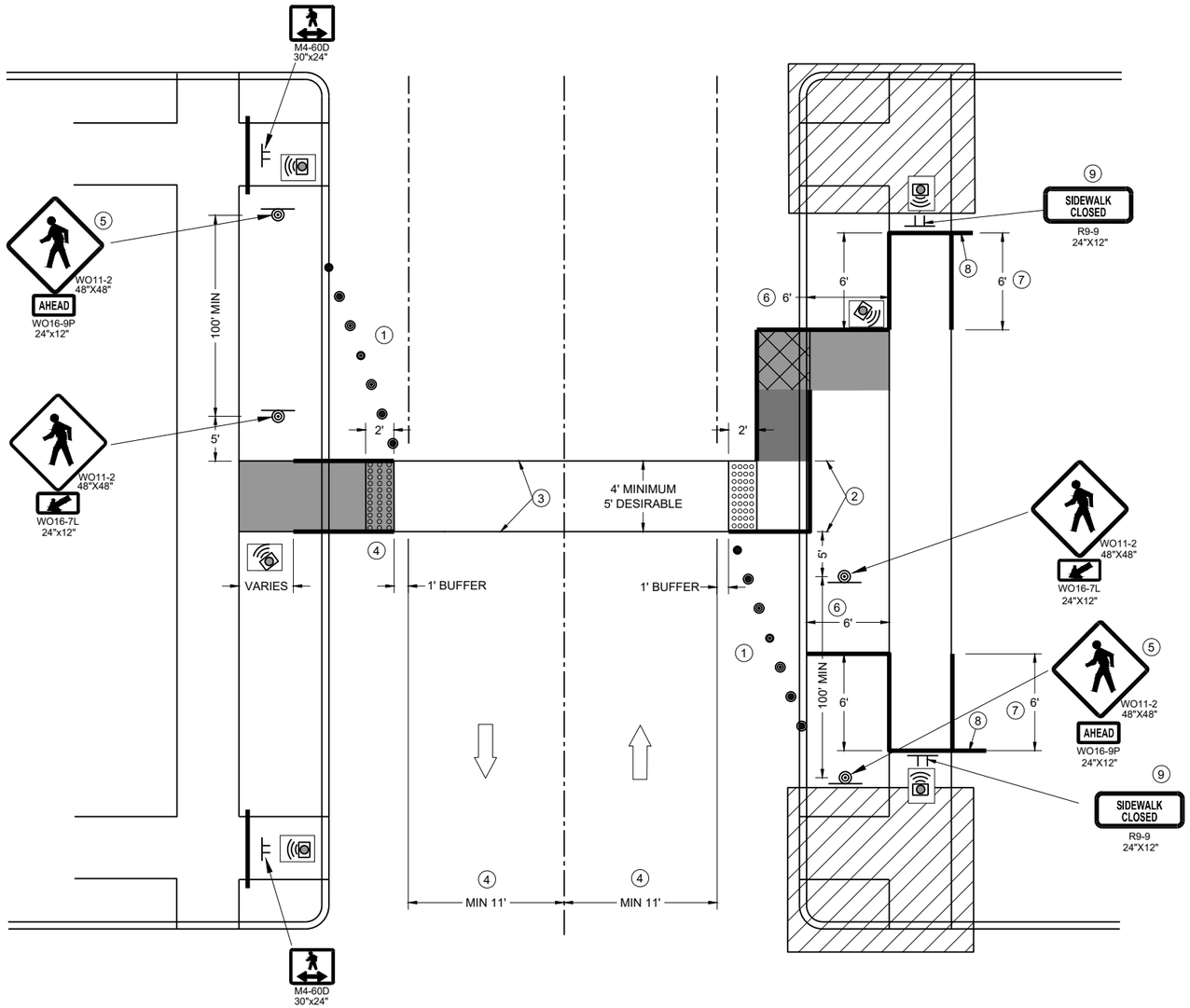
SIGNS THAT REMAIN IN PLACE LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

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



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
- REMOVING PAVEMENT MARKING (SEE GENERAL NOTES)
- CONCRETE BARRIER TEMPORARY PRECAST

POSTED SPEED LIMIT PRIOR TO WORK STARTING (MPH)	ADVANCE WARNING SIGN SPACING (A) FEET	SHIFTING TAPER L/2 W, LATERAL OFFSET (FT)					BUFFER SPACE (B) FEET
		10	11	12	13	14	
25	200	52	57	63	68	73	155
30	200	75	83	90	98	105	200
35	350	102	112	123	133	143	250
40	350	133	147	160	173	187	305
45	500	225	248	270	293	315	360

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. NO WARNING LIGHTS SHALL BE WORKING ON ANY "COVERED" OR "DOWNED" SIGNS.

CONSIDER GEOMETRICS WHEN LOCATING SIGNS AND ARROW BOARDS SO THE DRIVER HAS A CLEAR VIEW OF THE ARROW BOARD AND LANE CLOSURE DRUMS FOR A MINIMUM 1500 FEET IN FRONT OF DRUMS.

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.

WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

IF THE HORIZONTAL ALIGNMENT IS SUCH THAT A CURVE MAY REQUIRE ADDITIONAL DELINEATION, THE DEVICE SPACING MAY BE DECREASED TO 50 FEET.

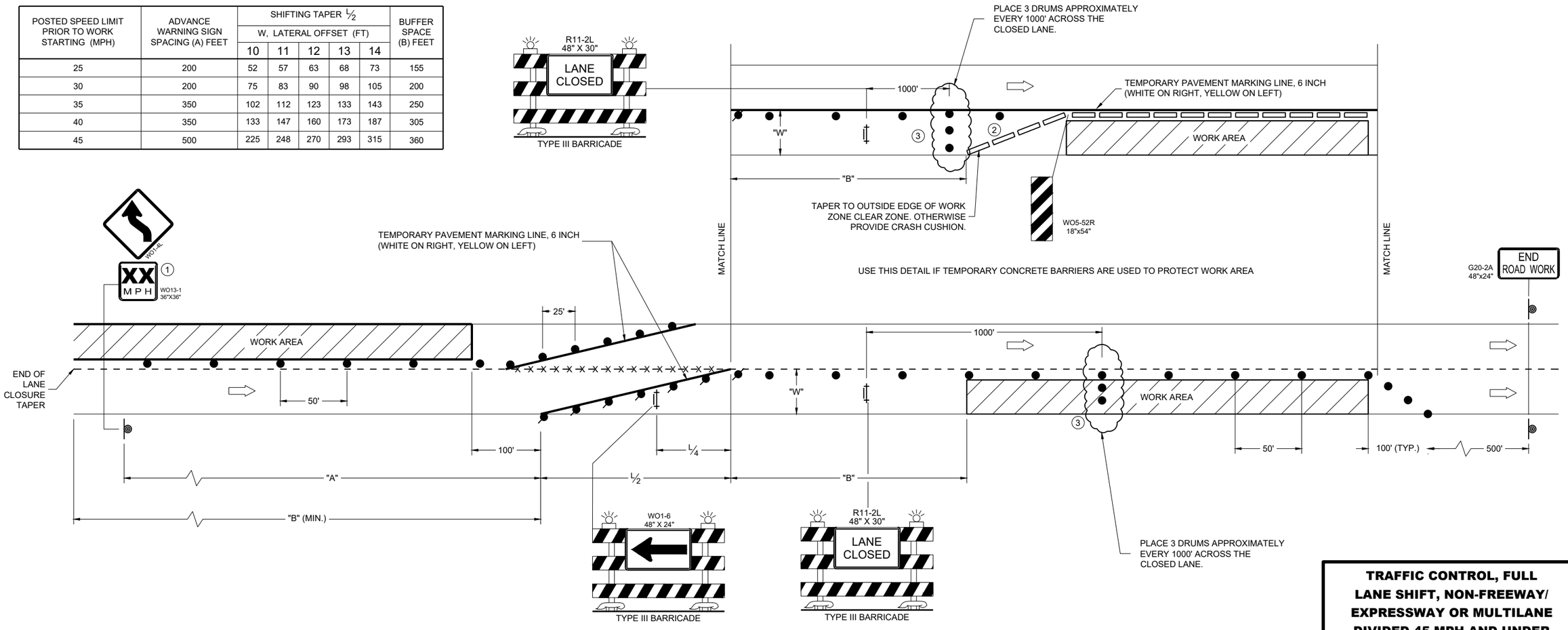
ADJUSTMENTS IN BUFFER SPACE NEED TO BE INCORPORATED WHEN THE LANE SHIFT OCCURS NEAR AN INTERCHANGE EXIT OR ENTRANCE RAMP. THE LANE SHIFT MUST TAKE PLACE FAR ENOUGH IN ADVANCE OF AN EXIT OR ENTRANCE RAMP TO STILL ALLOW FOR ADEQUATE BUFFER

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 IF DESIGN SPEED IS 10 MPH BELOW POSTED SPEED.

(2) BARRIER FLARE RATE: 6:1 @ 40 MPH OR LESS
8:1 @ 45 MPH OR GREATER

(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.



TRAFFIC CONTROL, FULL LANE SHIFT, NON-FREEWAY/ EXPRESSWAY OR MULTILANE DIVIDED 45 MPH AND UNDER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

SDD 15D40-08a

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
- REMOVING PAVEMENT MARKING (SEE GENERAL NOTES)
- CONCRETE BARRIER TEMPORARY PRECAST

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 LEFT - REVERSE FOR SHIFTING RIGHT.

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. NO WARNING LIGHTS SHALL BE WORKING ON ANY "COVERED" OR "DOWNED" SIGNS.

CONSIDER GEOMETRICS WHEN LOCATING SIGNS AND ARROW BOARDS SO THE DRIVER HAS A CLEAR VIEW OF THE ARROW BOARD AND LANE CLOSURE DRUMS FOR A MINIMUM 1500 FEET IN FRONT OF DRUMS.

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.

WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

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.

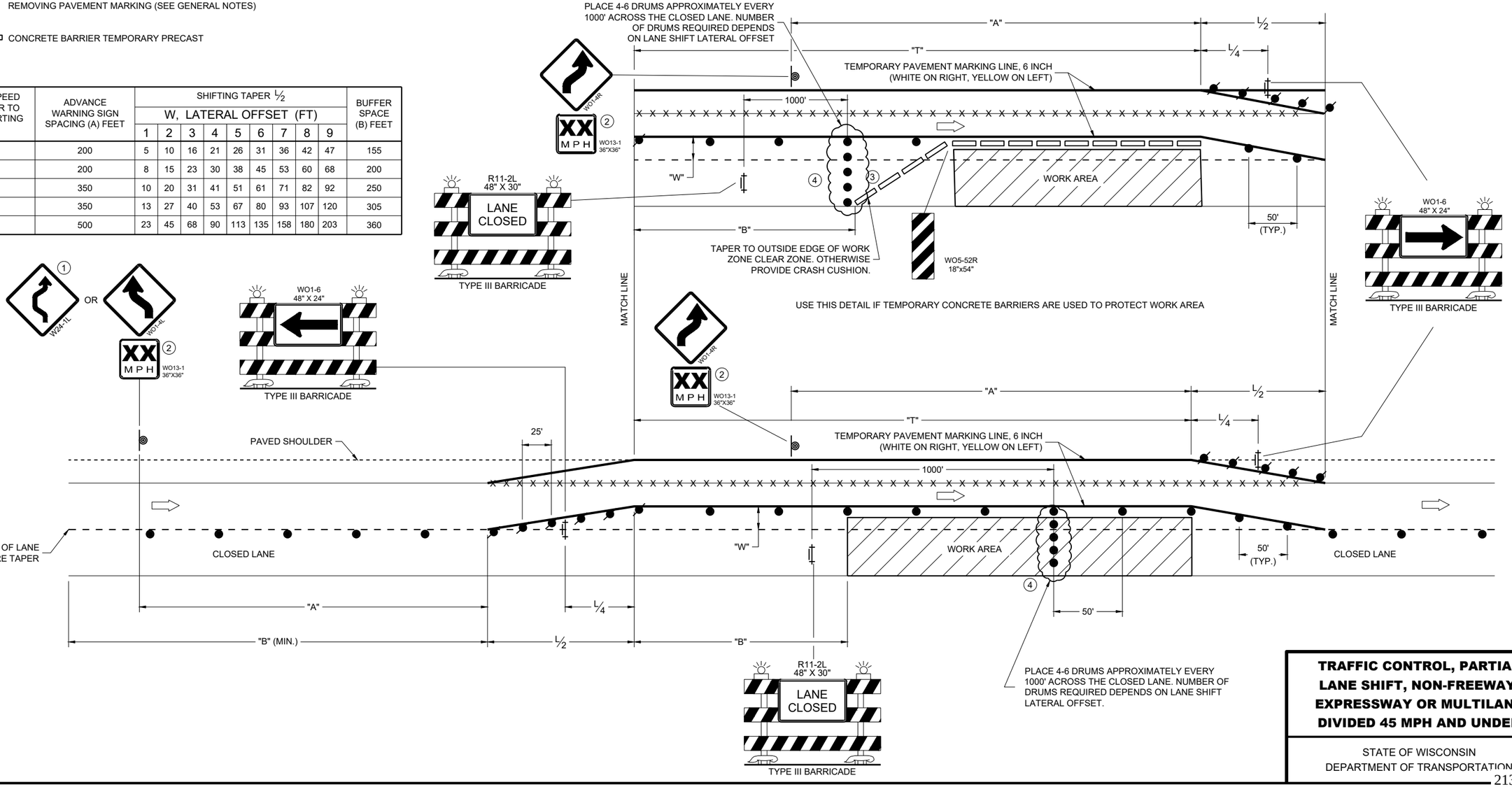
(1) USE ONLY WHEN T<600', OMIT WO1-4R.

(2) IF NEEDED, USE ONLY IF DESIGN SPEED IS 10 MPH BELOW POSTED SPEED.

(3) BARRIER FLARE RATE: 6:1 @ 40 MPH OR LESS
8:1 @ 45 MPH OR GREATER

(4) 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	SHIFTING TAPER 1/2 W, LATERAL OFFSET (FT)									BUFFER SPACE (B) FEET
		1	2	3	4	5	6	7	8	9	
25	200	5	10	16	21	26	31	36	42	47	155
30	200	8	15	23	30	38	45	53	60	68	200
35	350	10	20	31	41	51	61	71	82	92	250
40	350	13	27	40	53	67	80	93	107	120	305
45	500	23	45	68	90	113	135	158	180	203	360



TRAFFIC CONTROL, PARTIAL LANE SHIFT, NON-FREEWAY/ EXPRESSWAY OR MULTILANE DIVIDED 45 MPH AND UNDER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

SDD 15D40-08c

LEGEND

- EXISTING SIGN ON PERMANENT SUPPORT
- NEW SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- DIRECTION OF TRAFFIC
- WORK ZONE

GENERAL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.

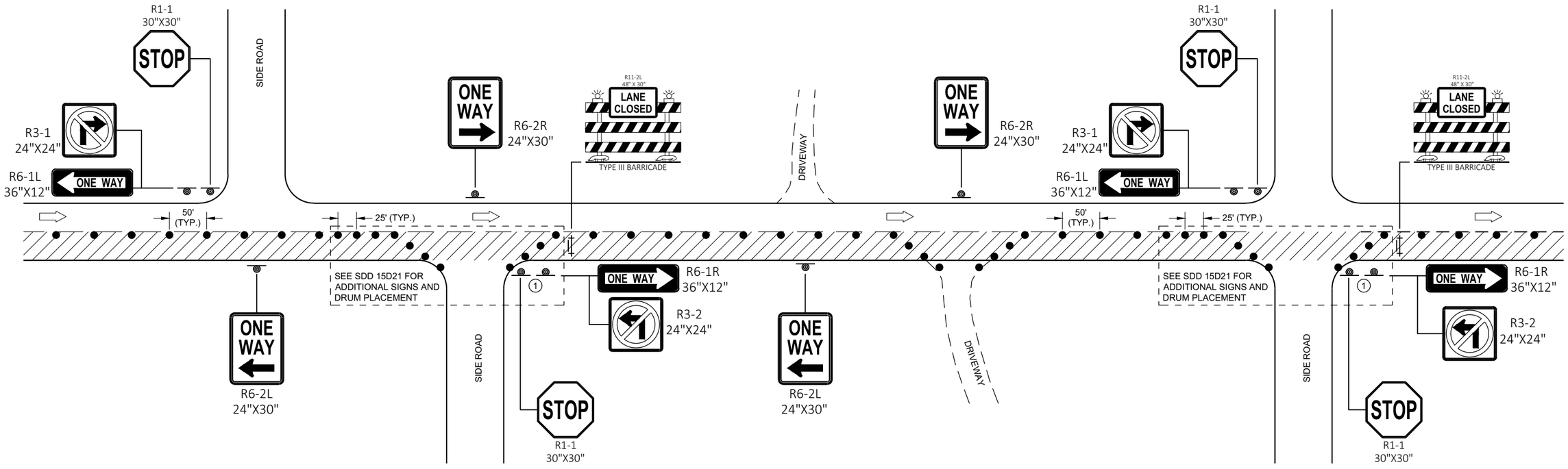
ALL SIGNS AND DEVICES SHALL BE IN CONFORMANCE WITH THE WISCONSIN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (WMUTCD). SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE WISDOT STANDARD SIGN PLATES.

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.

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.

WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

(1) IF WORK OPERATIONS ALLOWS, MOVE R1-1, R6-1R, AND R3-2 CLOSER TO INTERSECTION.



TRAFFIC CONTROL
ONE - WAY SIGNING

TRAFFIC CONTROL ONE-WAY SIGNING	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED May 2020 DATE	/S/ Andrew Heidtke WORK ZONE ENGINEE
FHWA	

SDD 15D46 - 01

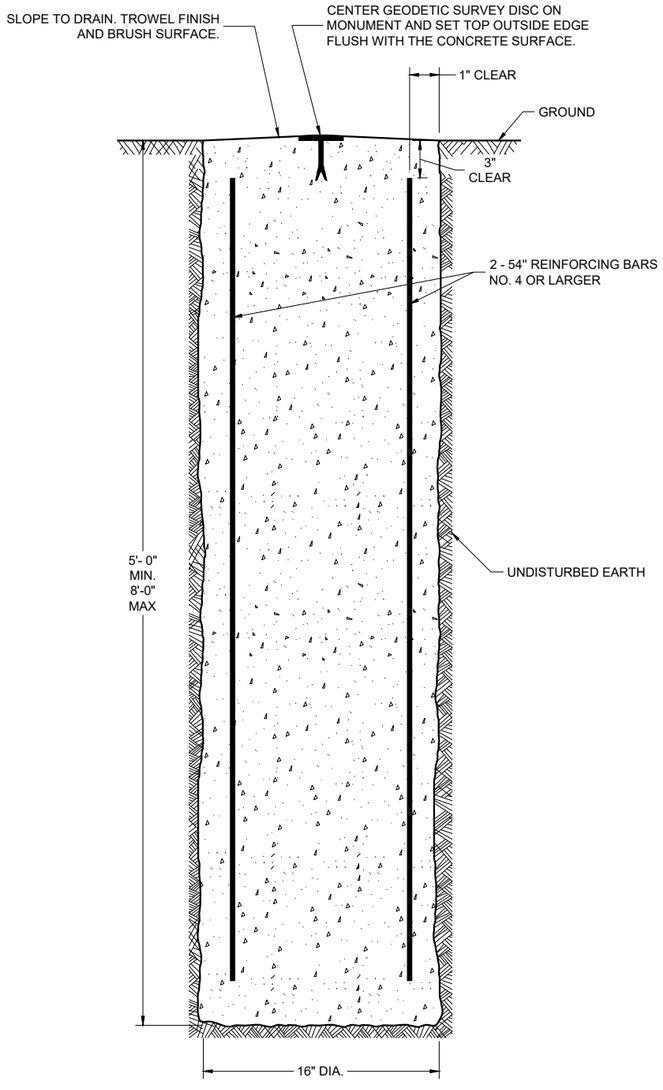
SDD 15D46 - 01

GENERAL NOTES

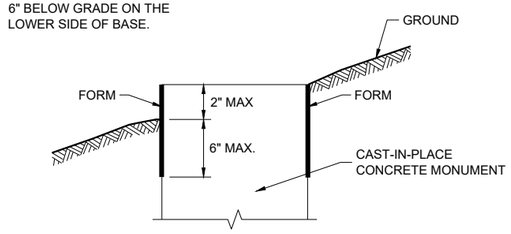
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

SURVEY MONUMENT SHALL BE EXCAVATED BY USE OF A CIRCULAR AUGER.

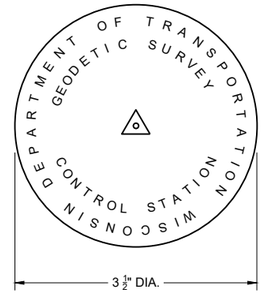
IF A SURVEY MONUMENT REQUIRES A DEEP FORM BECAUSE OF LOOSE DIRT OR FILL, THE FORM SHALL BE REMOVED BEFORE BACKFILLING AROUND THE BASE. BACKFILL SHALL BE TAMPED TIGHT AGAINST THE BARE CONCRETE BASE IN LAYERS OF 1 FOOT OR LESS.



CAST-IN-PLACE CONCRETE MONUMENT



FORMING DETAIL



GEODETIC SURVEY DISC
FURNISHED BY WISDOT

GEODETIC SURVEY MONUMENT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
August 2025 — DATE
/S/ DAVID J. LAYTON — CHIEF SURVEY AND MAPPING ENGINEER

FHWA

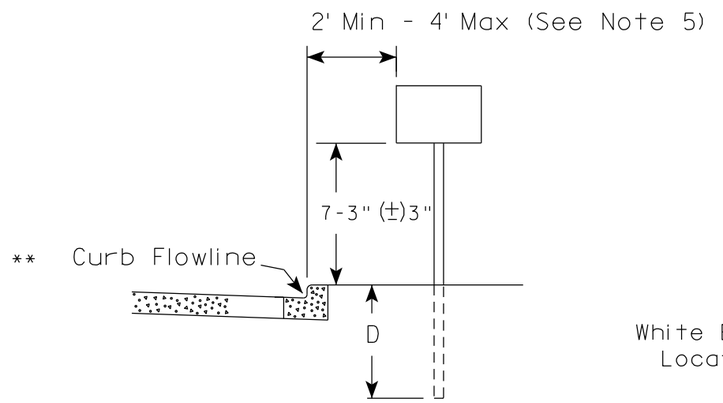
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SDD 16A02-01

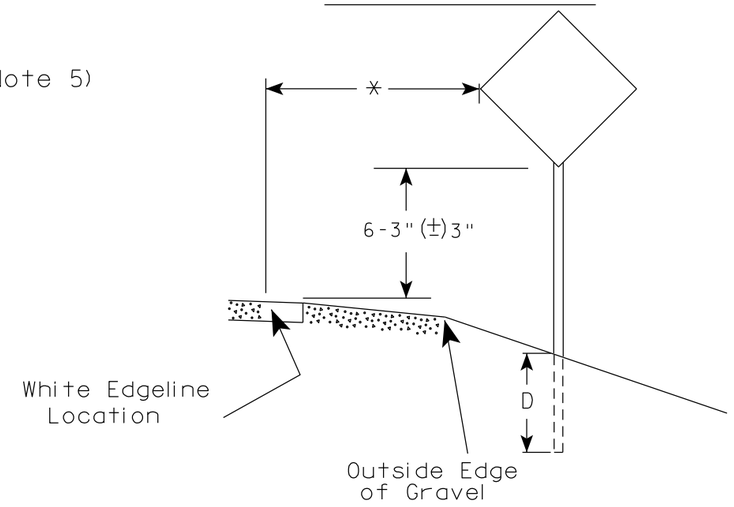
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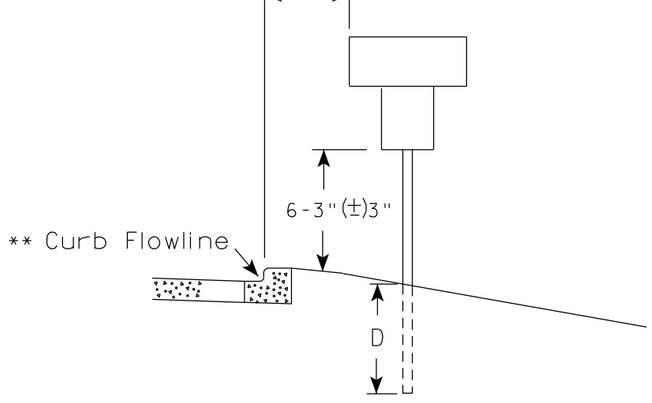
SDD 16A02-01

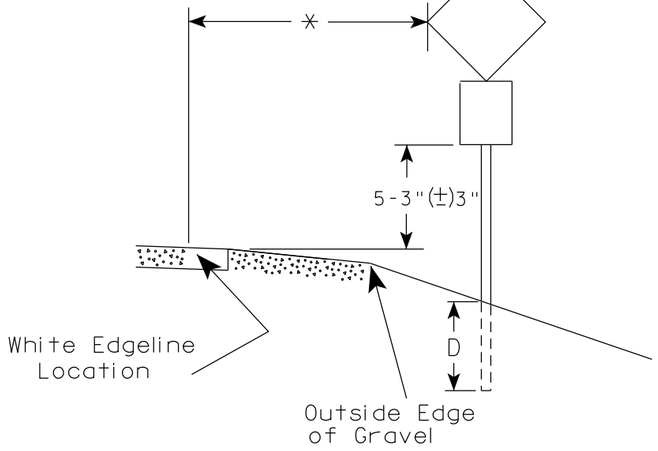
URBAN AREA



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.

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.

POST EMBEDMENT DEPTH

Area of Sign Installation (Sq. Ft.)	D (Min)
20 or Less	4'
Greater than 20	5'

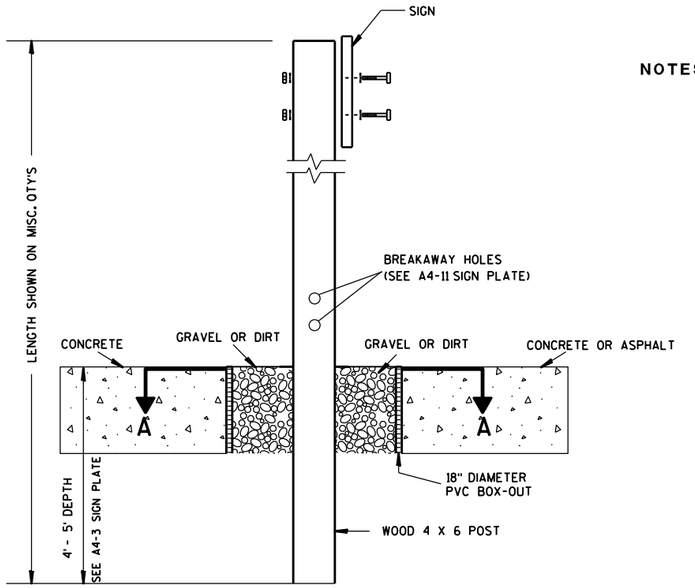
TYPICAL INSTALLATION OF PERMANENT TYPE II SIGNS ON SINGLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/6/23 PLATE NO. A4-3.23

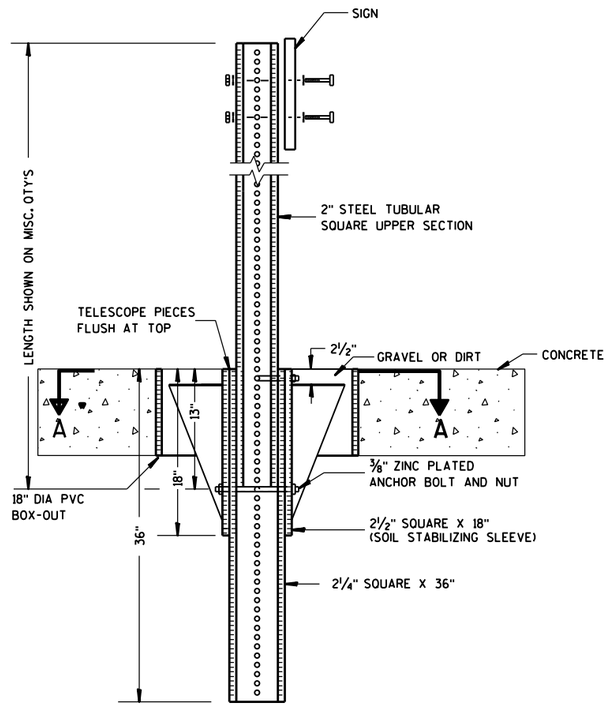
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 216	E



ELEVATION VIEW

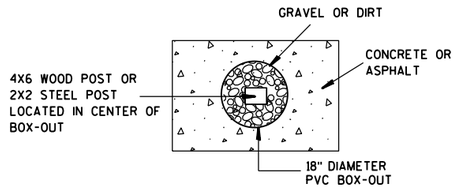
DETAIL OF WOOD 4 X 6 SIGN POST IN BOX-OUT

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

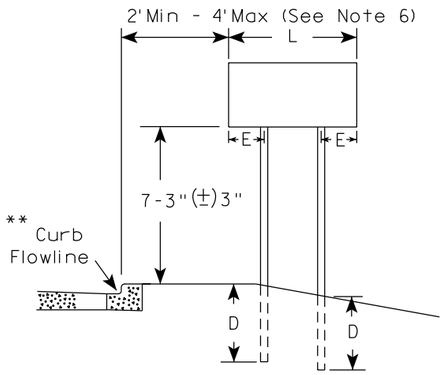
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/27/14 PLATE NO. A4-3B.1

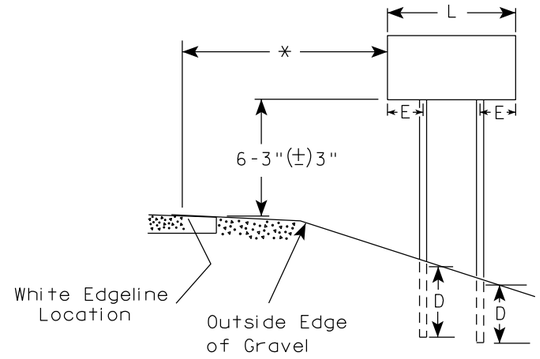
PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

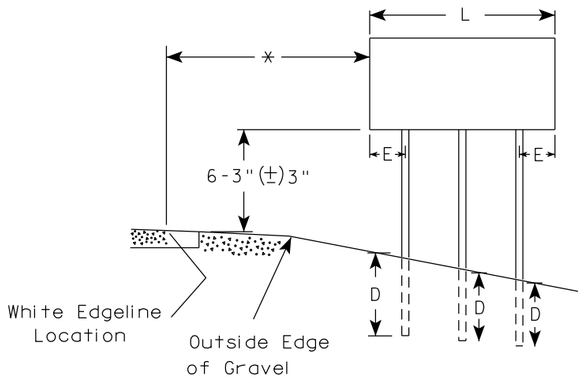
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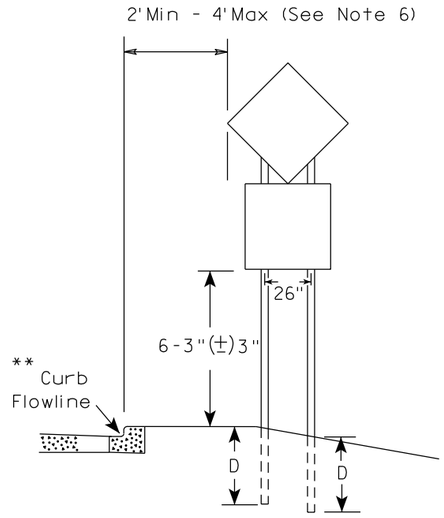
URBAN AREA



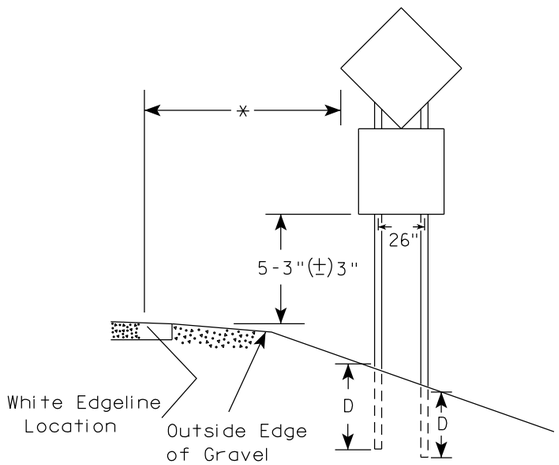
RURAL AREA (See Note 3)







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'

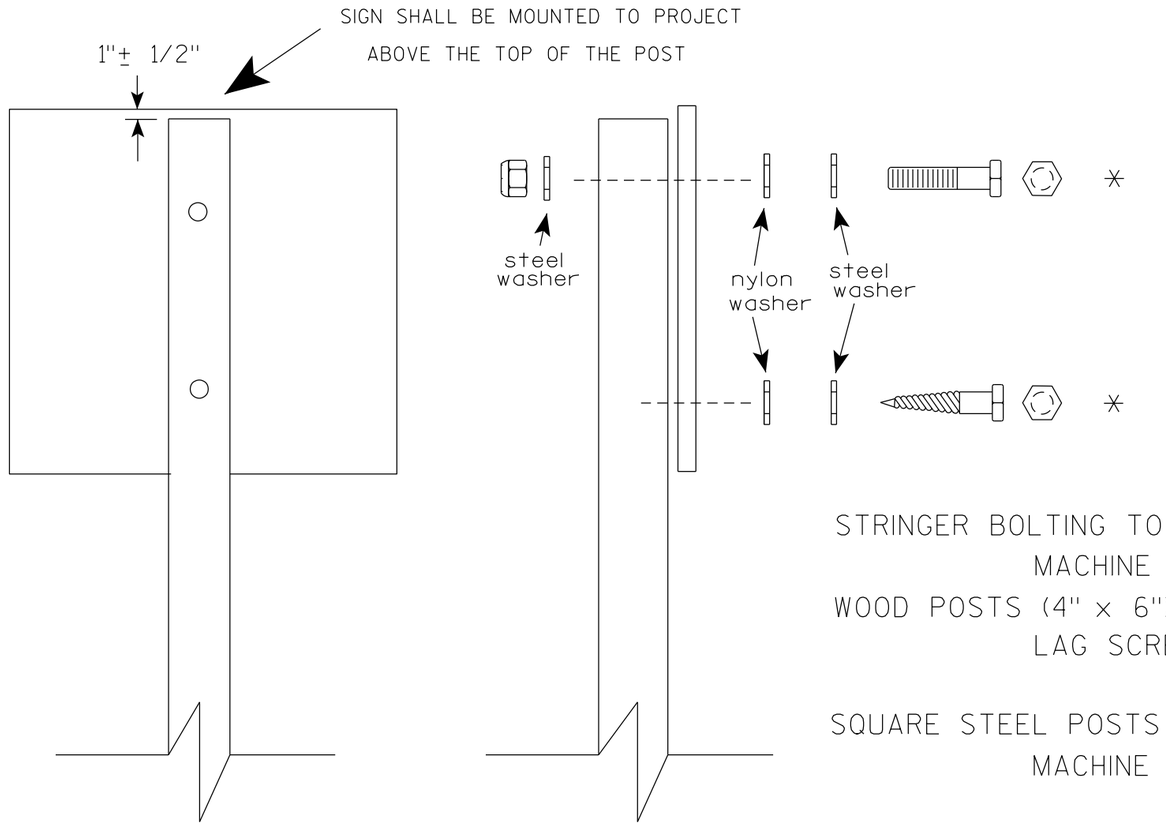
TYPICAL INSTALLATION OF TYPE II SIGNS ON MULTIPLE POSTS

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: 218	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

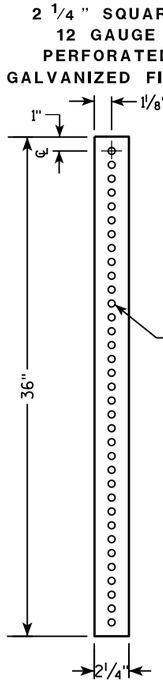
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

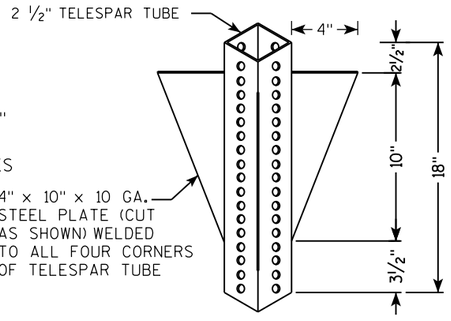
DATE 4/1/2020 PLATE NO. A4-8.9

TELESCOPIC TUBING ANCHORS
TWO PIECE SYSTEM

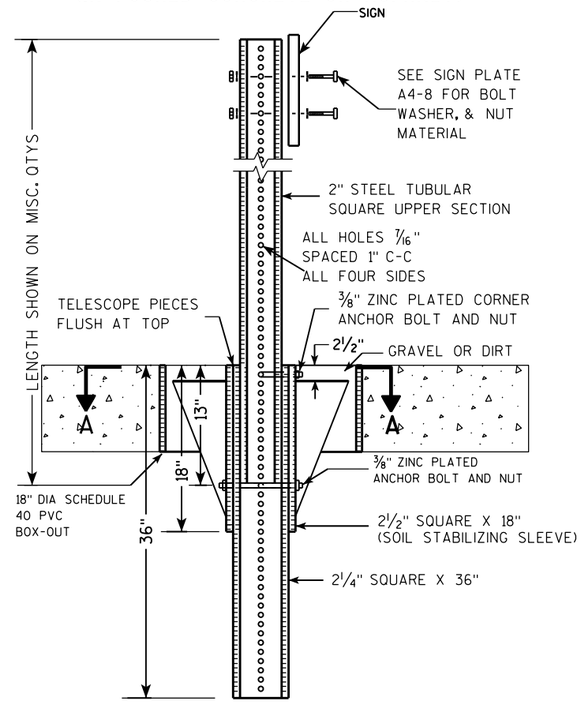
2 1/4 " SQUARE
12 GAUGE
PERFORATED
GALVANIZED FINISH



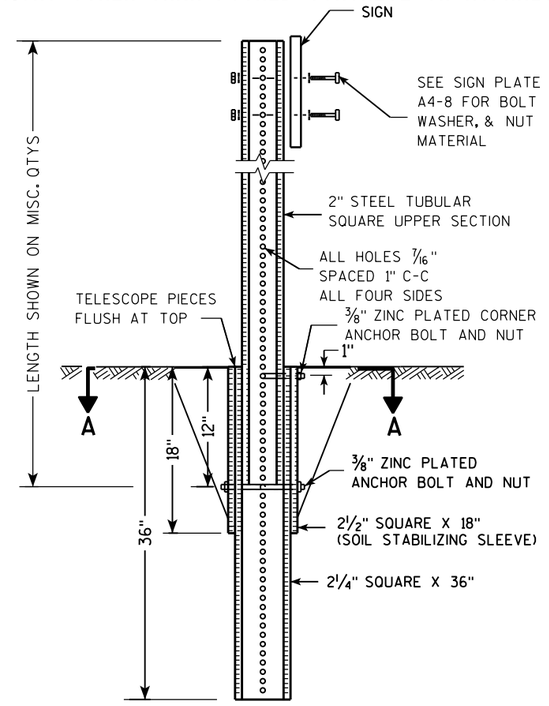
2 1/2 " SQUARE
12 GAUGE
OMNI-DIRECTIONAL
PERFORATED
SOIL STABILIZING SLEEVE
GALVANIZED FINISH

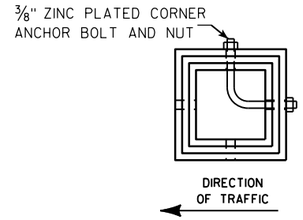


DETAIL OF TUBULAR STEEL SIGN POST
(IN POURED CONCRETE OR ASPHALT)



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).

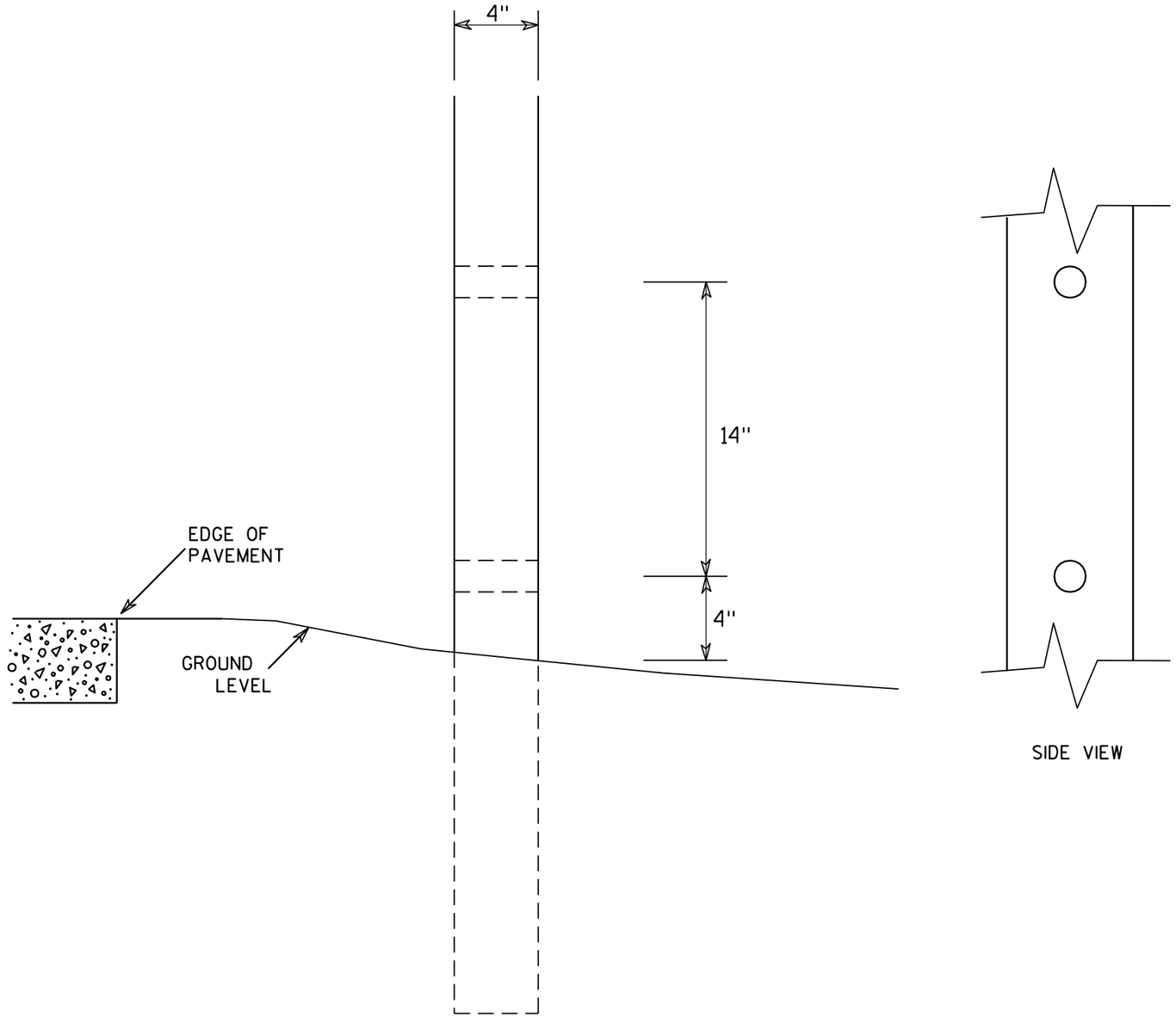
TUBULAR STEEL
SIGN POST
A4-9

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/05/15 PLATE 220 A4-9.9

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E



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

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4 X 6 WOOD POST MODIFICATIONS

WISCONSIN DEPT OF TRANSPORTATION

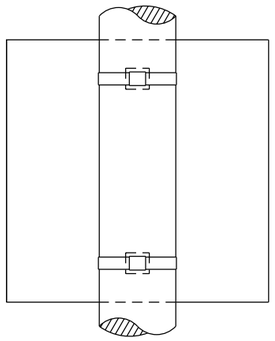
APPROVED Chester J Spang for State Traffic Engineer

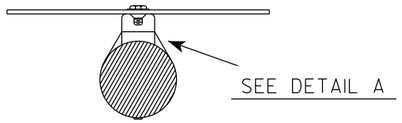
DATE 3/27/97 PLATE NO. A4-11.2

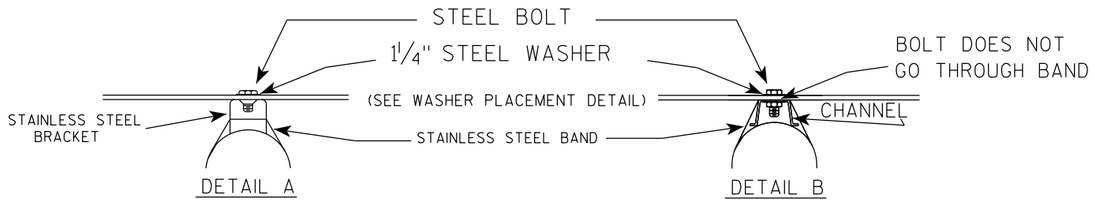
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 221	E

BANDING

SINGLE SIGN



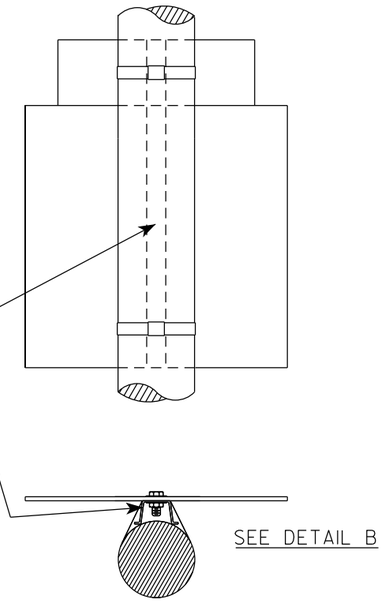




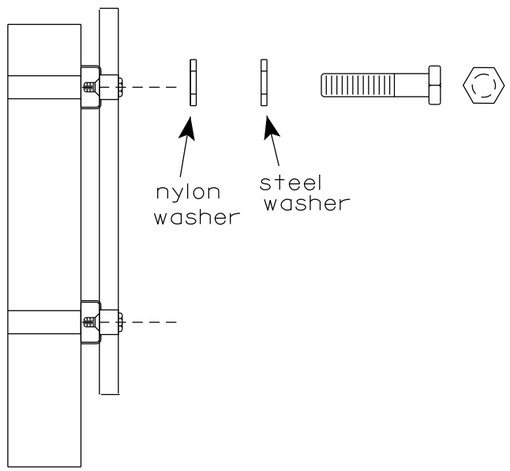
GENERAL NOTES

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

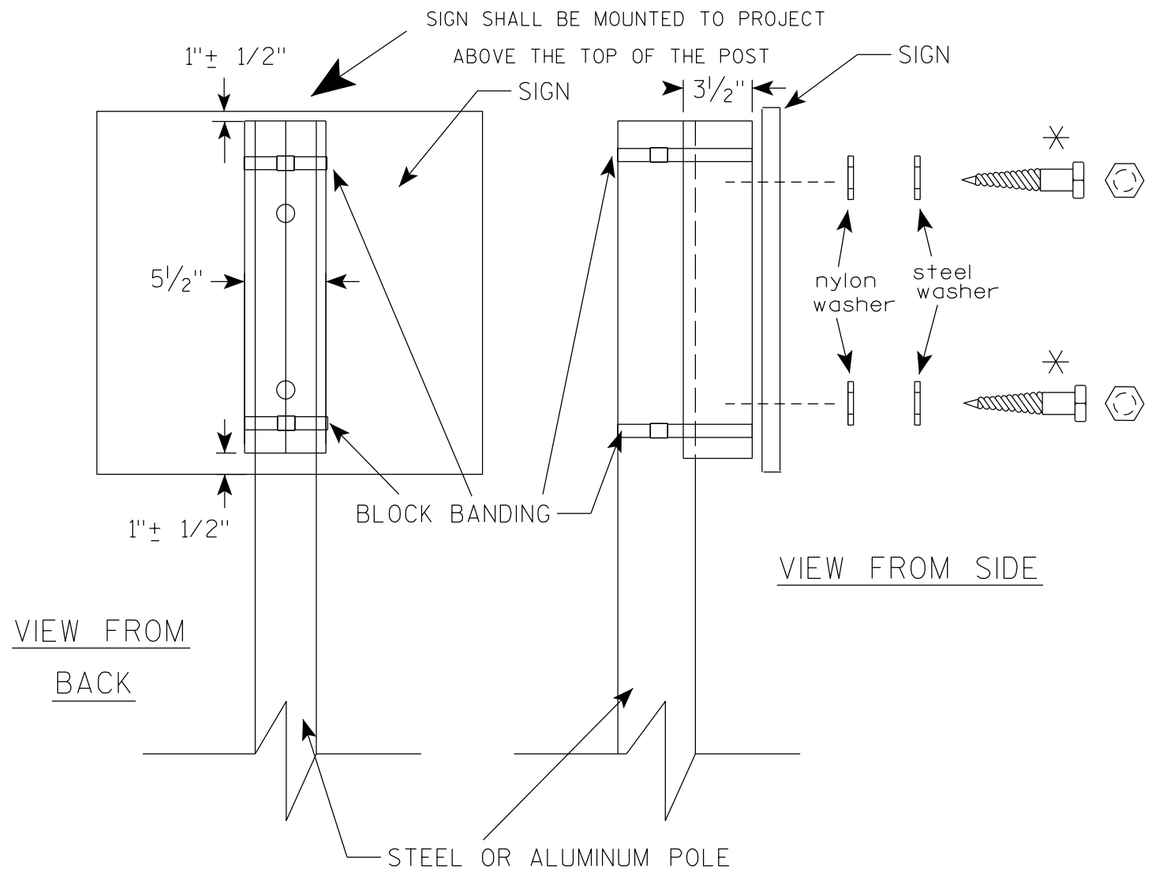
DATE 6/10/19 PLATE NO. A5-9.4

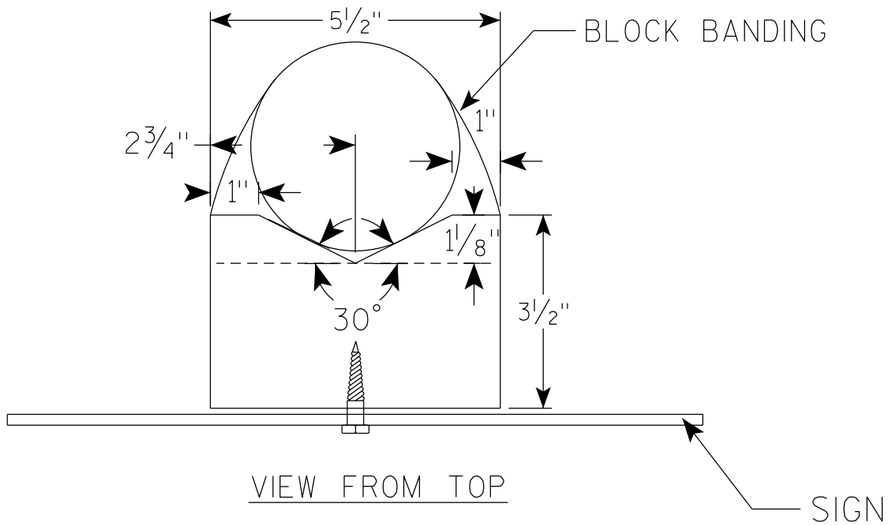
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 222	E

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

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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)

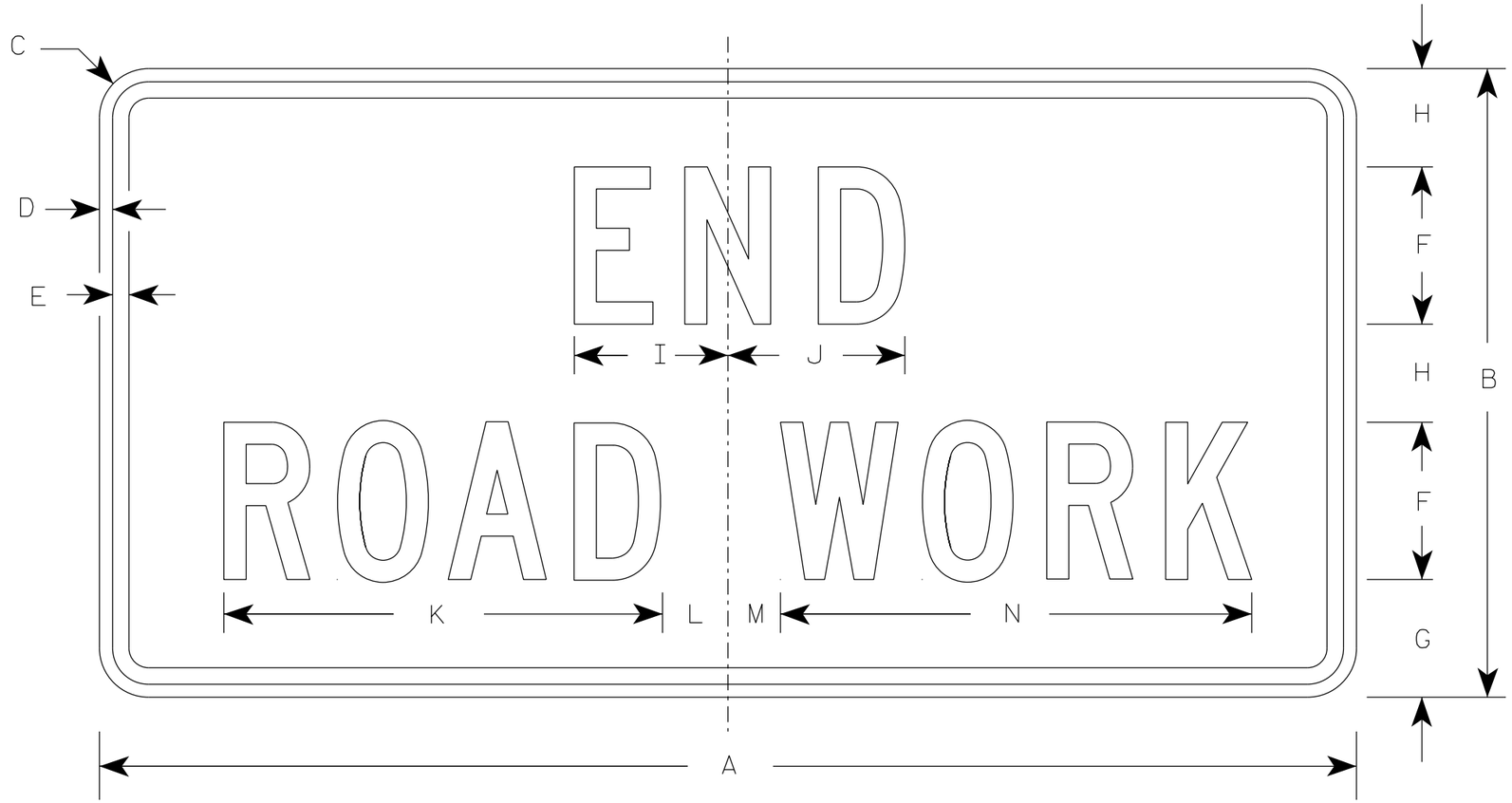
WISCONSIN DEPT OF TRANSPORTATION

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

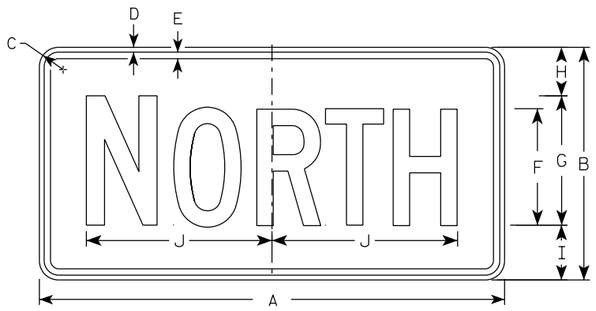
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/26/2023 PLATE NO. G20-2A.10

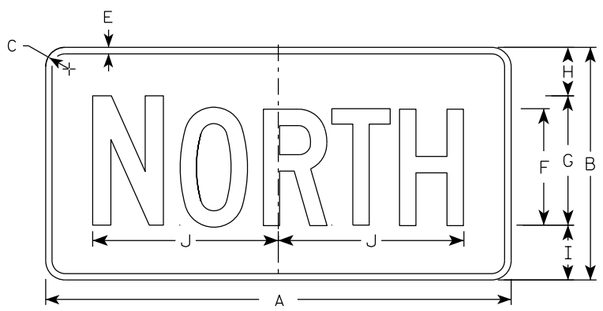
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 224 E

7

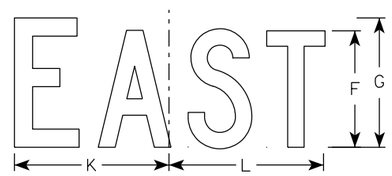
7



M3-1
MM3-1
MP3-1



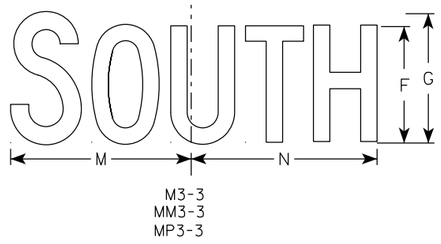
MB3-1
MK3-1
MN3-1



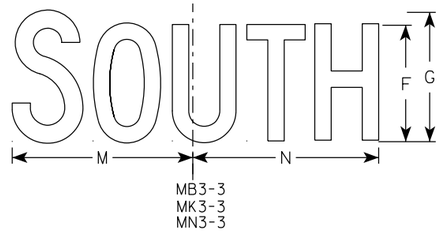
M3-2
MM3-2
MP3-2



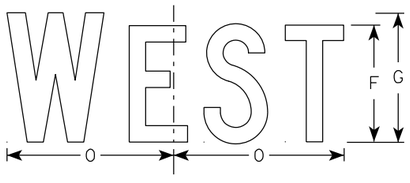
MB3-2
MK3-2
MN3-2



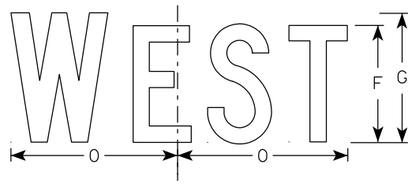
M3-3
MM3-3
MP3-3



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

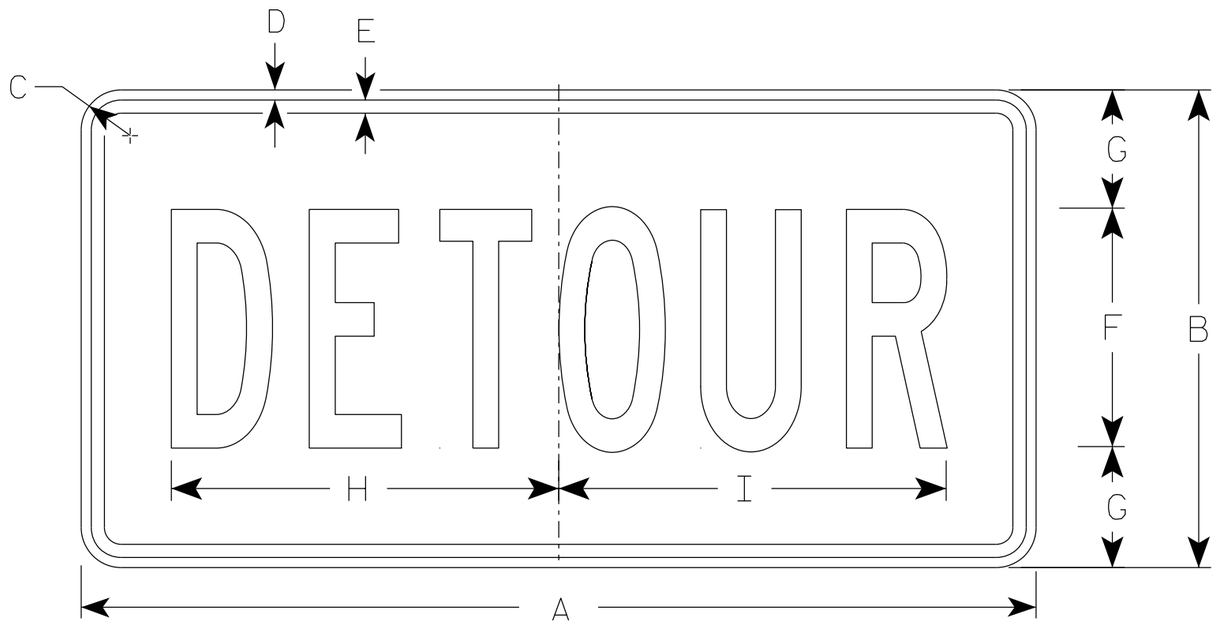
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 2/8/2023 PLATE NO. M3-1.15

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 225 | E

7



M4-8

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - B
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																											
2	24	12	1 1/2	3/8	3/8	6	3	10	10 1/4																		2.0
2M	24	12	1 1/2	3/8	3/8	6	3	10	10 1/4																		2.0
3	36	18	1 1/2	3/8	1/2	9	4 1/2	14 5/8	14 1/2																		4.5
4	36	18	1 1/2	3/8	1/2	9	4 1/2	14 5/8	14 1/2																		4.5
5	36	18	1 1/2	3/8	1/2	9	4 1/2	14 5/8	14 1/2																		4.5

STANDARD SIGN
M4-8

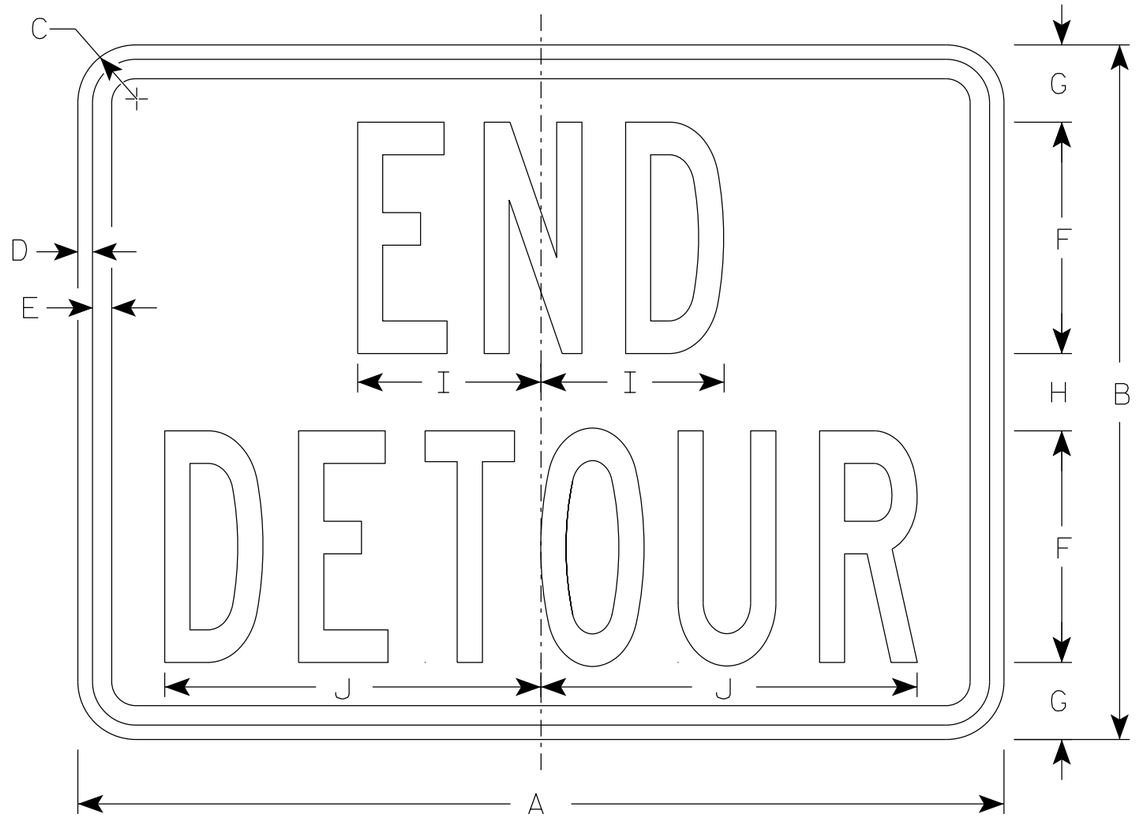
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/9/2023 PLATE NO. M4-8.4

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\M48.dgn PLOT DATE : 9-FEB 2023 7:38 PLOT BY : dotc4c PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42



M4-8A

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - B
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																											
2	24	18	1 ½	⅜	½	6	2	2	4 ¾	9 ¾																	3.0
2M	24	18	1 ½	⅜	½	6	2	2	4 ¾	9 ¾																	3.0
3	30	24	1 ½	⅜	½	8	2 ½	3	6 ¾	13																	5.0
4	30	24	1 ½	⅜	½	8	2 ½	3	6 ¾	13																	5.0
5	30	24	1 ½	⅜	½	8	2 ½	3	6 ¾	13																	5.0

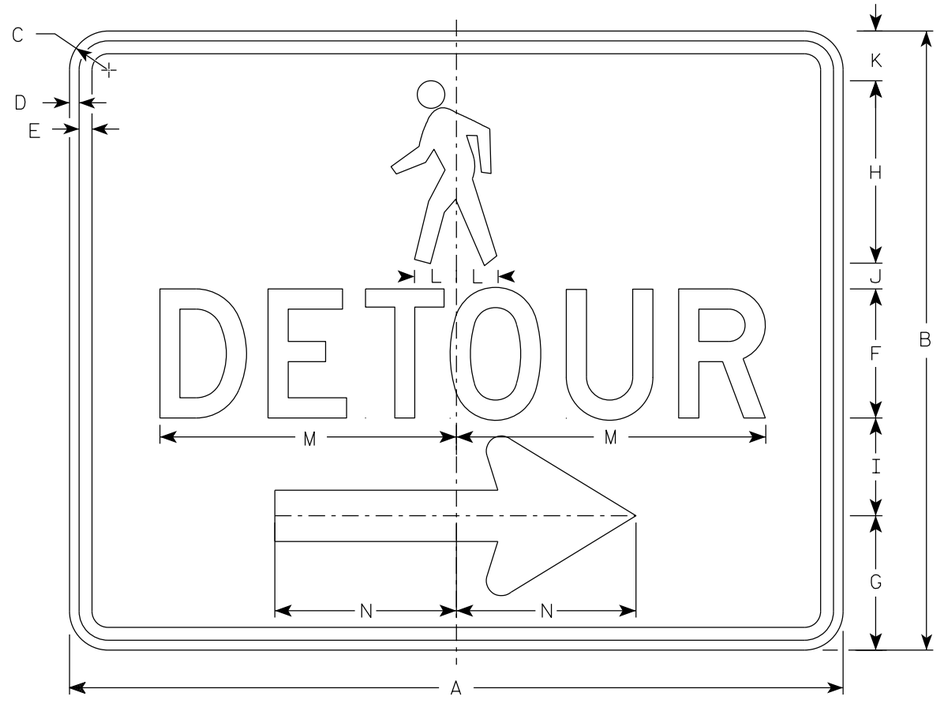
STANDARD SIGN
M4-8A

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/9/2023 PLATE NO. M4-8A.4

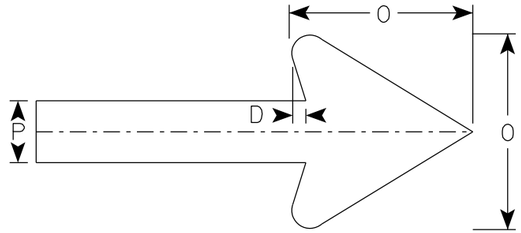
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 227 | E



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

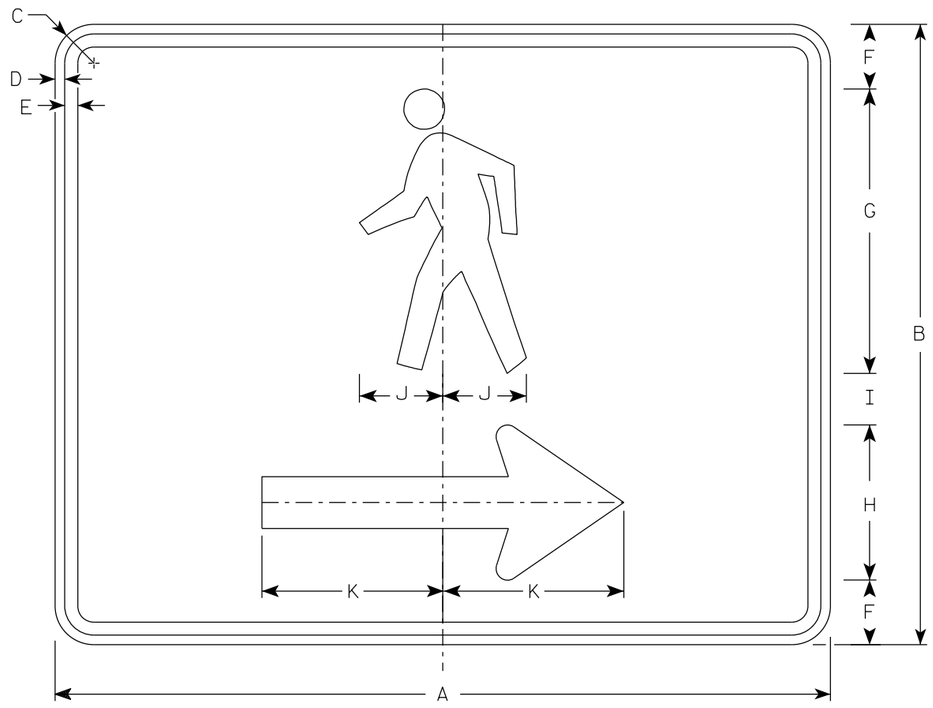
APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 2/9/2023 PLATE NO. M4-9B.4

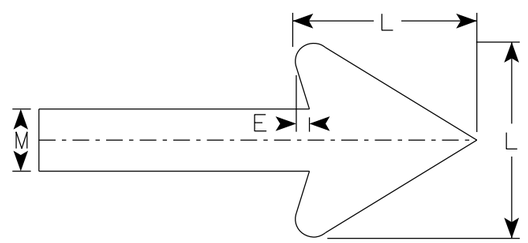
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 228 | E

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																											

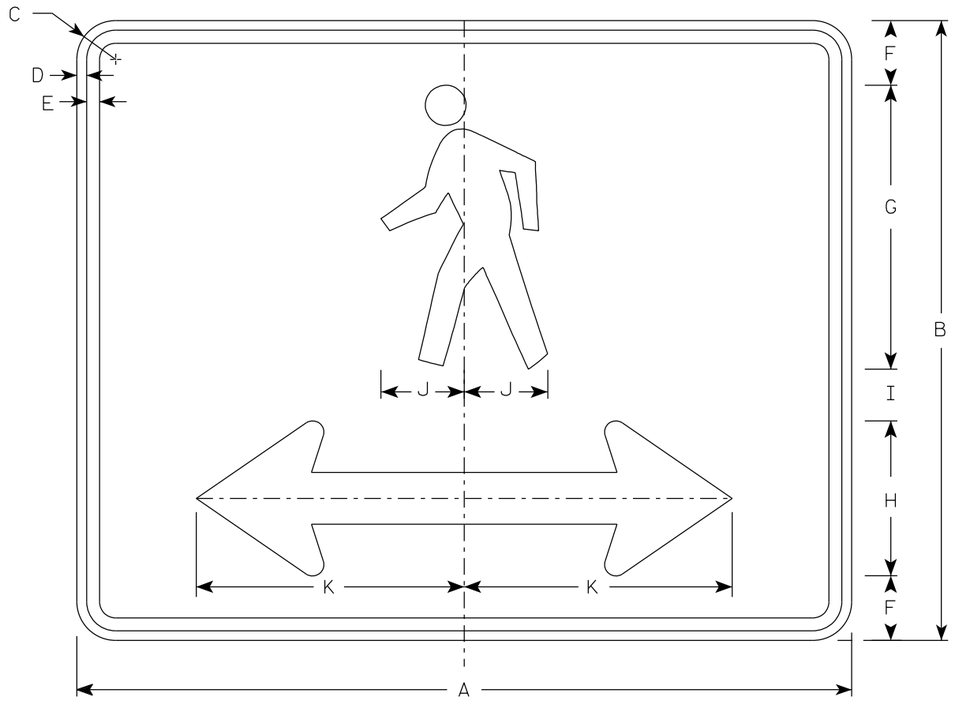
STANDARD SIGN
M4-60 L&R

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 2/14/2023 PLATE NO. M4-60.2

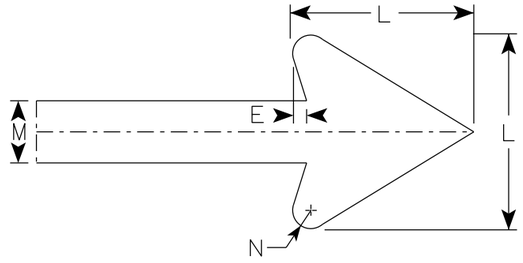
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 229 | E



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																											

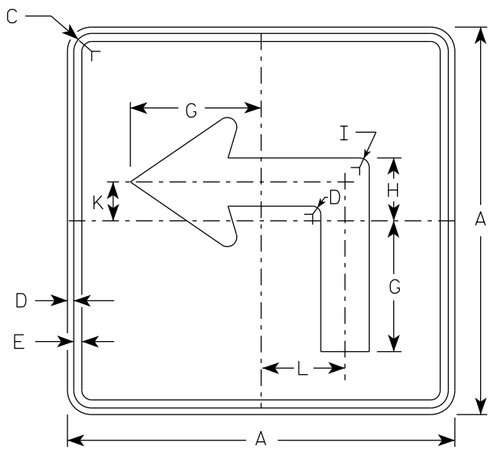
STANDARD SIGN
M4-60D

WISCONSIN DEPT OF TRANSPORTATION

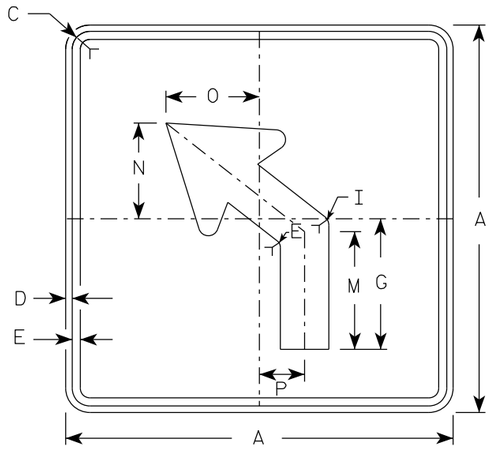
APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 2/14/2023 PLATE NO. M4-60D.2

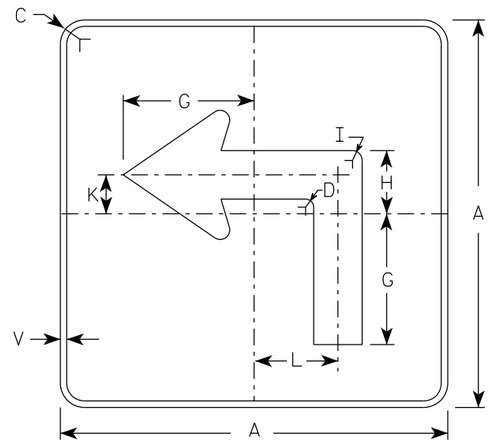
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 230 | E



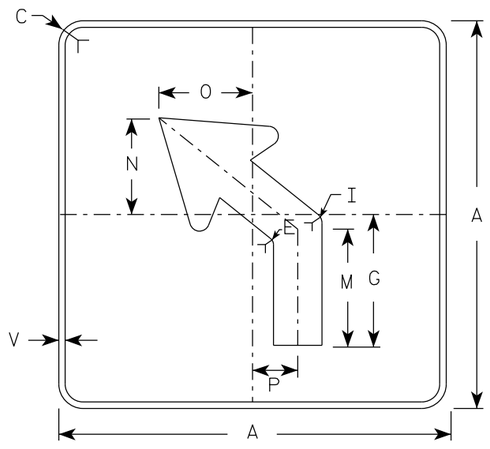
M5-1L
MM5-1L
MO5-1L
MP5-1L



M5-2L
MM5-2L
MO5-2L
MP5-2L



MB5-1L
MK5-1L
MN5-1L
MR5-1L

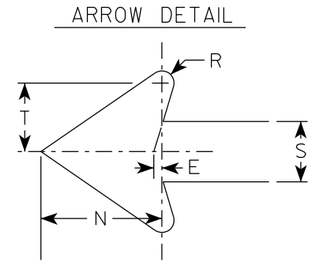


MB5-2L
MK5-2L
MN5-2L
MR5-2L

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

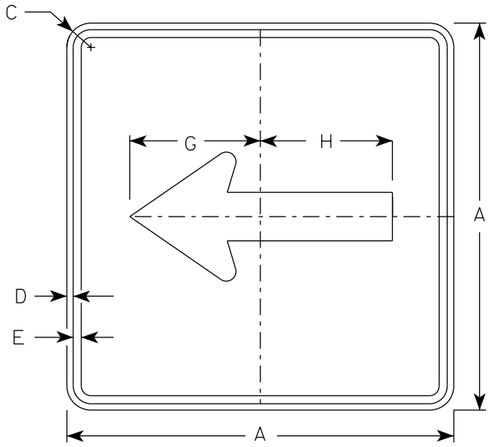
STANDARD SIGN
M5-1 & M5-2

WISCONSIN DEPT OF TRANSPORTATION

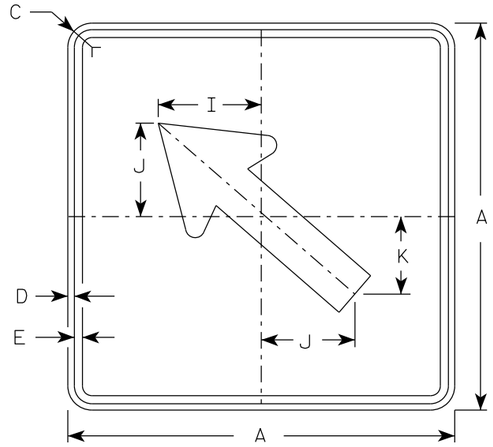
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/13/2023 PLATE NO. M5-1.15

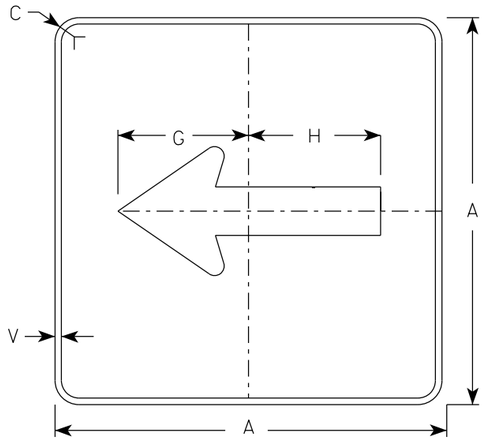
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 231 | E



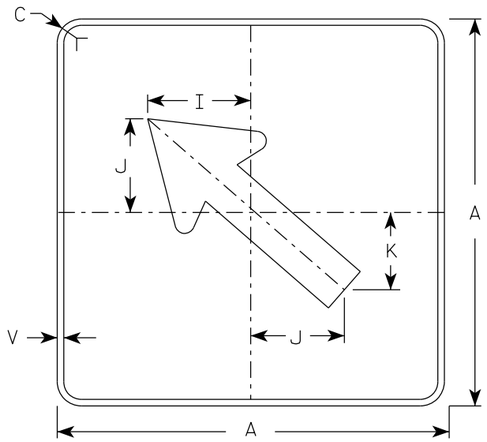
M6-1
MM6-1
MO6-1
MP6-1



M6-2
MM6-2
MO6-2
MP6-2



MB6-1
MK6-1
MN6-1
MR6-1

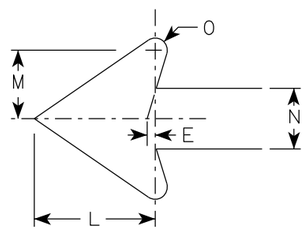


MB6-2
MK6-2
MN6-2
MR6-2

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

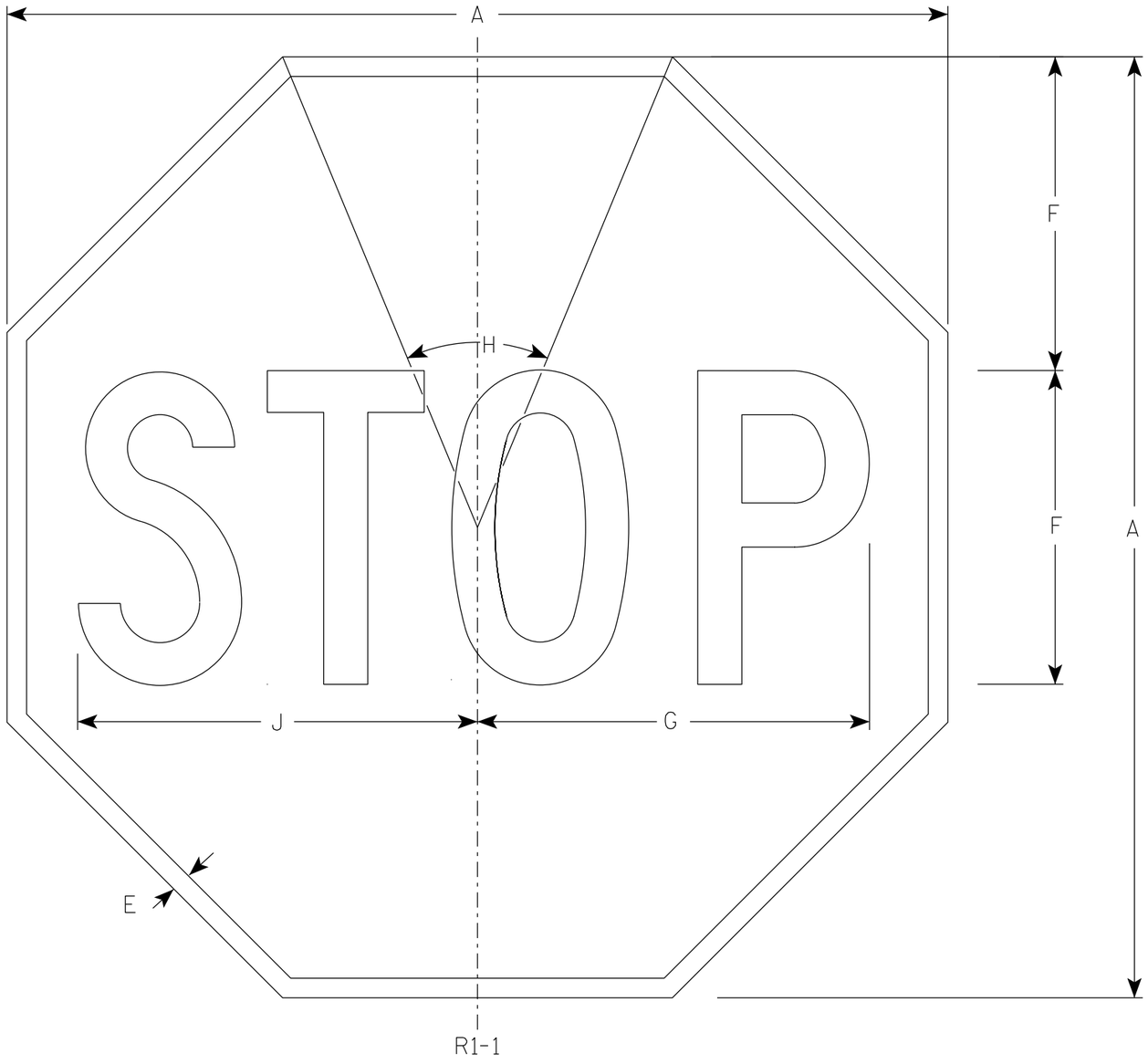
STANDARD SIGN
M6-1 & M6-2
SERIES

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
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

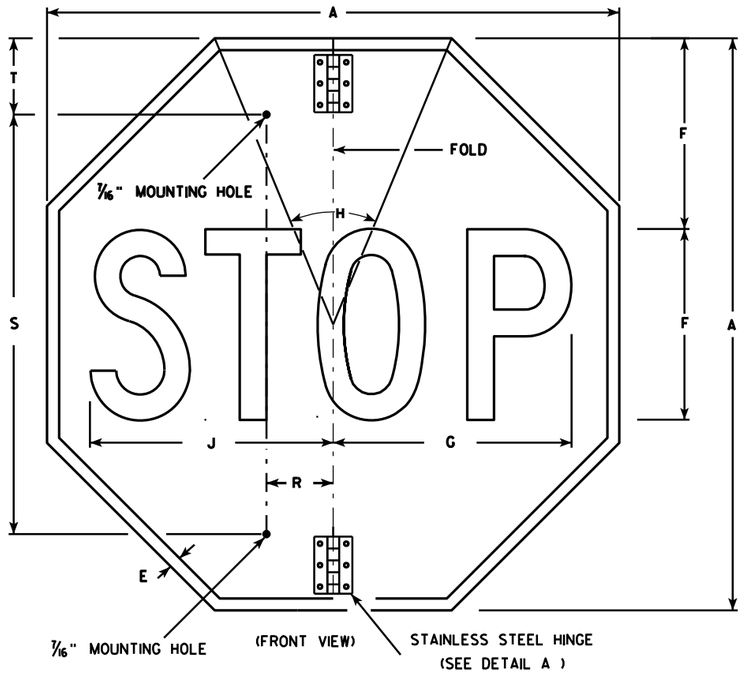
STANDARD SIGN
R1-1

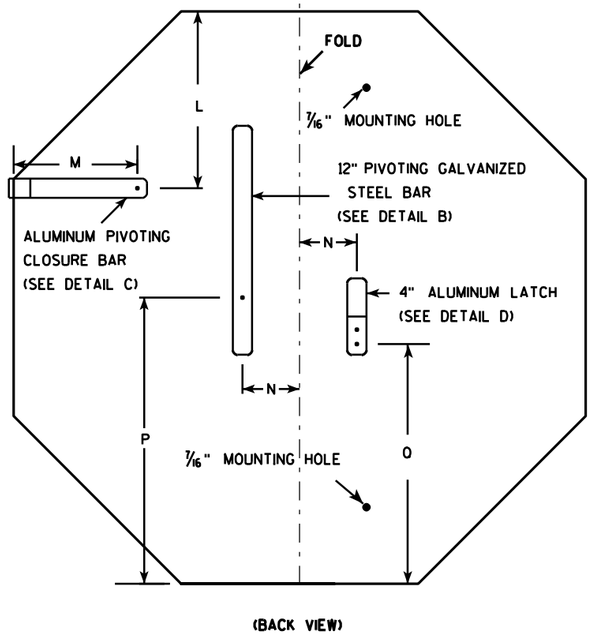
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 7/9/2025 PLATE NO. R1-1.14

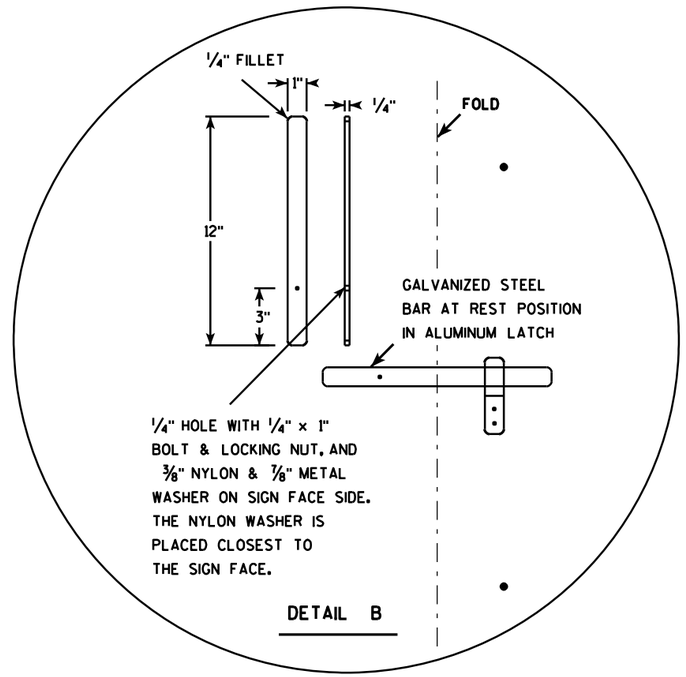
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 233	E



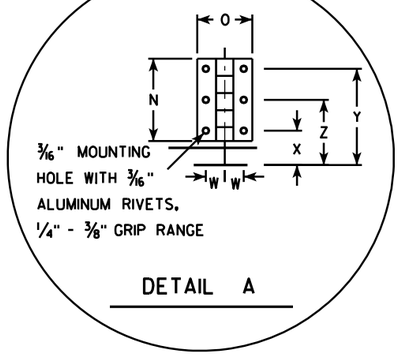


NOTES

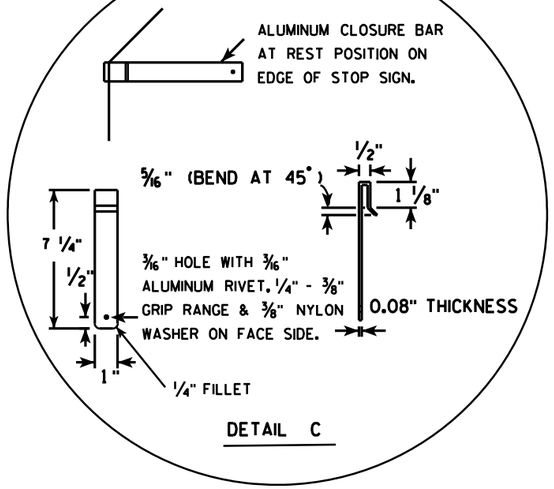
1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Red
   Message - White
3. Message Series - C
4. All hardware used on the folding STOP sign installation shall conform to 637.2.4 of the WIS DOT Standard Specification.



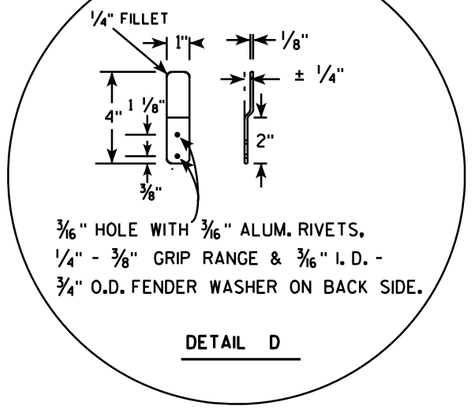
DETAIL B



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																											

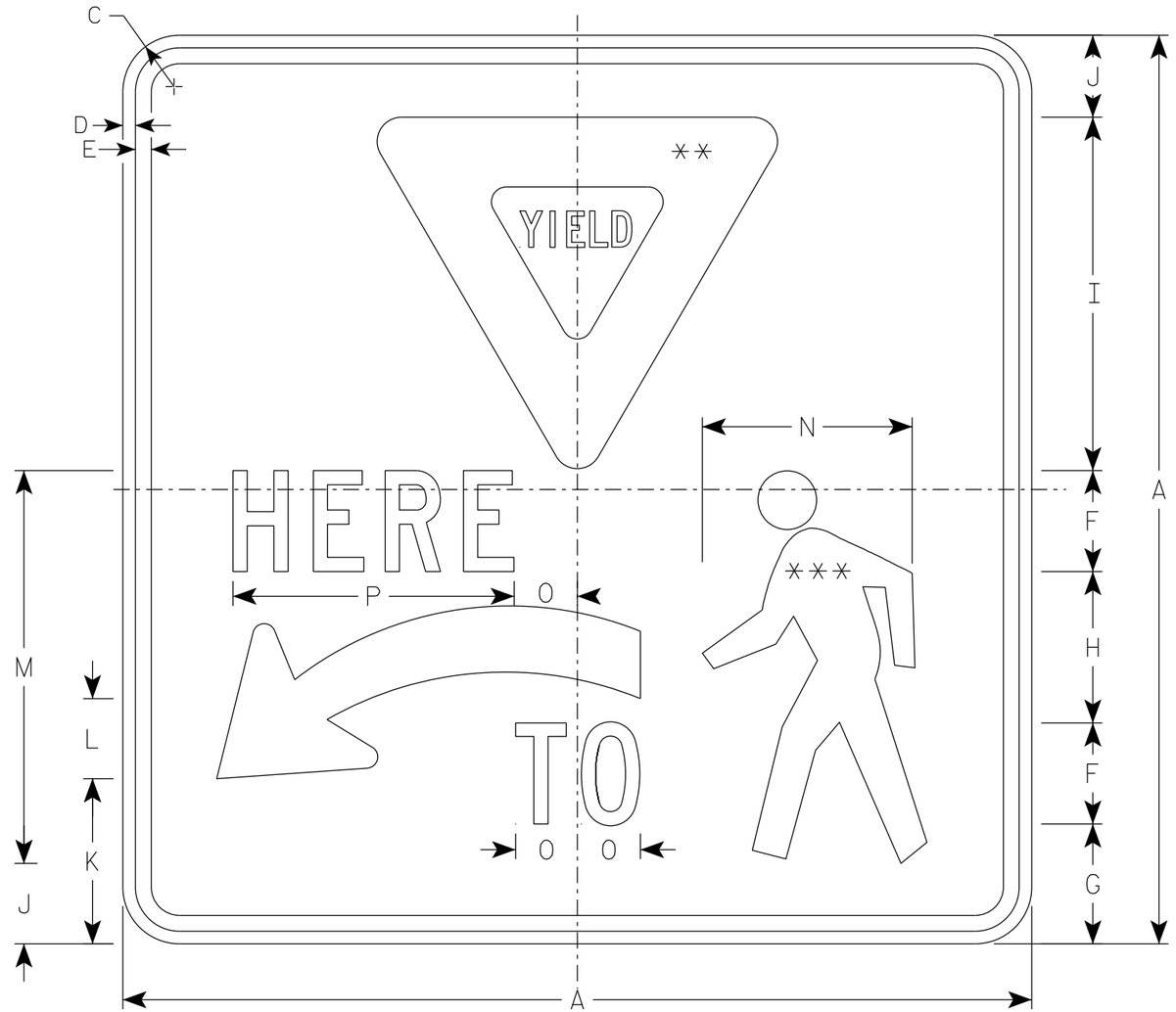
STANDARD SIGN
R1-1F

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: 234	E



R1-5L

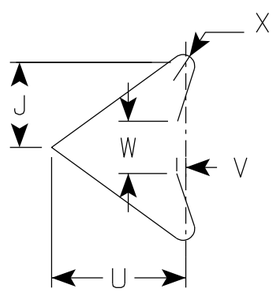
NOTES

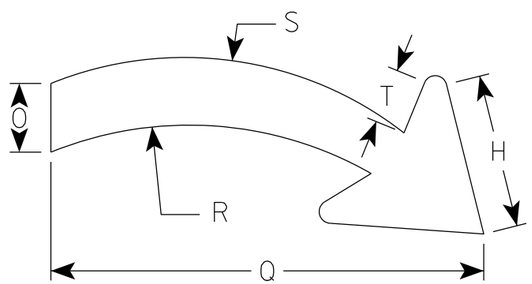
1. Sign is Type II - Type H Reflective
2. Color:
   - Background - WHITE
   - Message - BLACK
   - YIELD SYMBOL - RED ON WHITE
   - PED SYMBOL - BLACK ON WHITE
3. Message Series - D

** INSERT R1-2 AND SIZE TO FIT

*** INSERT W11-2 AND SIZE TO FIT

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	36		2 1/4	1/2	5/8	4	4 3/4	6	14	3 1/4	6 1/2	3 1/8	15	8 1/4	2 1/2	11 1/8	16 3/4	28 1/2	27 3/4	2 1/8	5 1/4	3/8	2	1			9.0
2S	36		2 1/4	1/2	5/8	4	4 3/4	6	14	3 1/4	6 1/2	3 1/8	15	8 1/4	2 1/2	11 1/8	16 3/4	28 1/2	27 3/4	2 1/8	5 1/4	3/8	2	1			9.0
2M	36		2 1/4	1/2	5/8	4	4 3/4	6	14	3 1/4	6 1/2	3 1/8	15	8 1/4	2 1/2	11 1/8	16 3/4	28 1/2	27 3/4	2 1/8	5 1/4	3/8	2	1			9.0
3	36		2 1/4	1/2	5/8	4	4 3/4	6	14	3 1/4	6 1/2	3 1/8	15	8 1/4	2 1/2	11 1/8	16 3/4	28 1/2	27 3/4	2 1/8	5 1/4	3/8	2	1			9.0
4																											
5																											

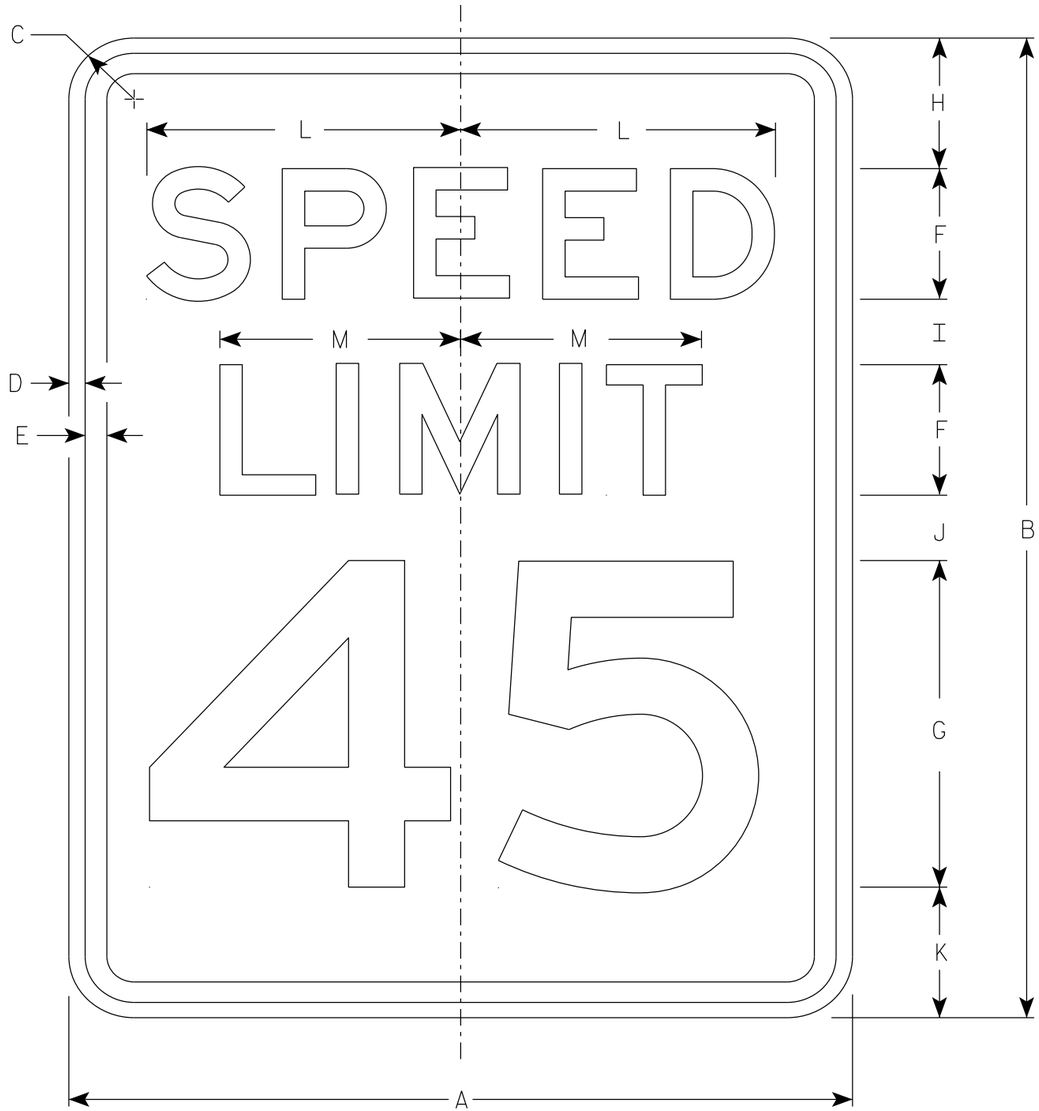
STANDARD SIGN
R1-5L

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/19/23 PLATE NO. R1-5L.6

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 235 | 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

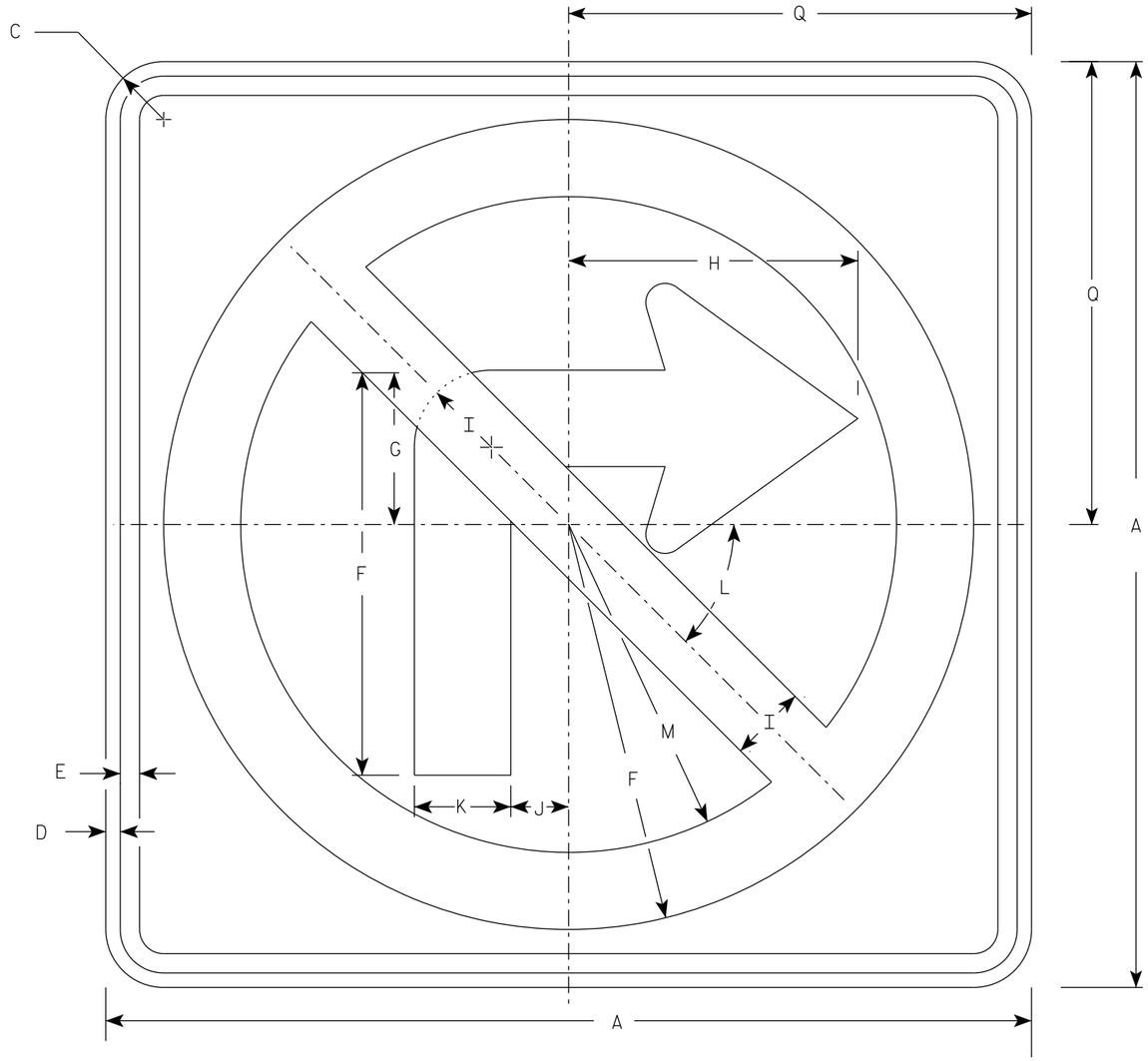
STANDARD SIGN
R2-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/1/23 PLATE NO. R2-1.14

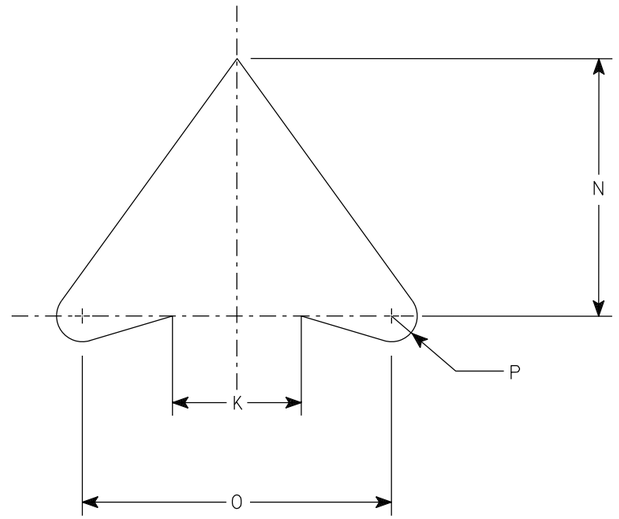
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 236 | E



R3-1

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	12										4.0
2S	24		1 ½	⅜	½	10 ½	4	7 ½	2	1 ½	2 ½	45°	8 ½	5	6	½	12										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	18										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	18										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	18										9.0
5	48		2 ¼	¾	1	21	8	15	4	3	5	45°	17	10	12	1	24										16.0

STANDARD SIGN
R3-1

WISCONSIN DEPT OF TRANSPORTATION

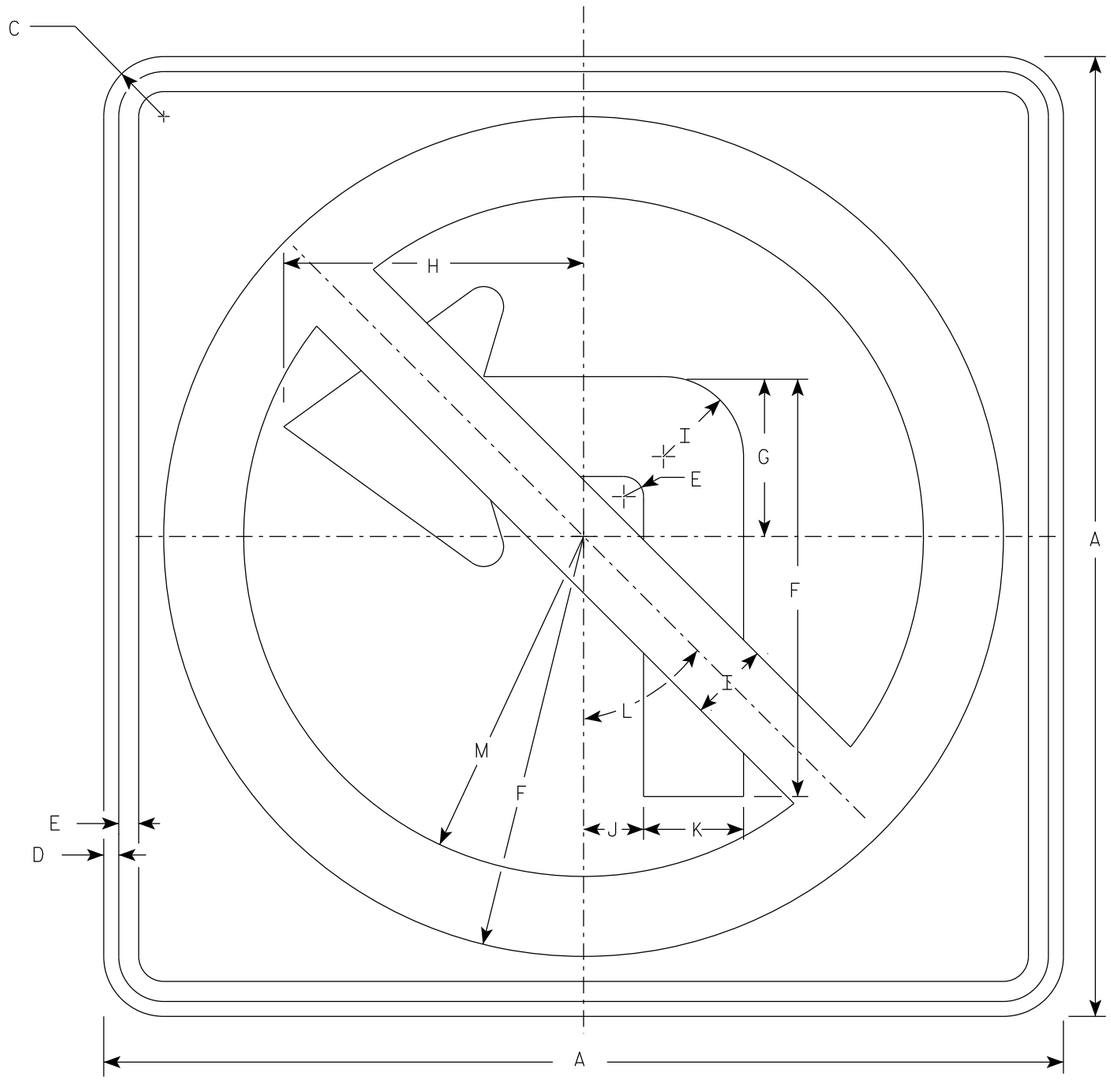
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/2/23 PLATE NO. R3-1.6

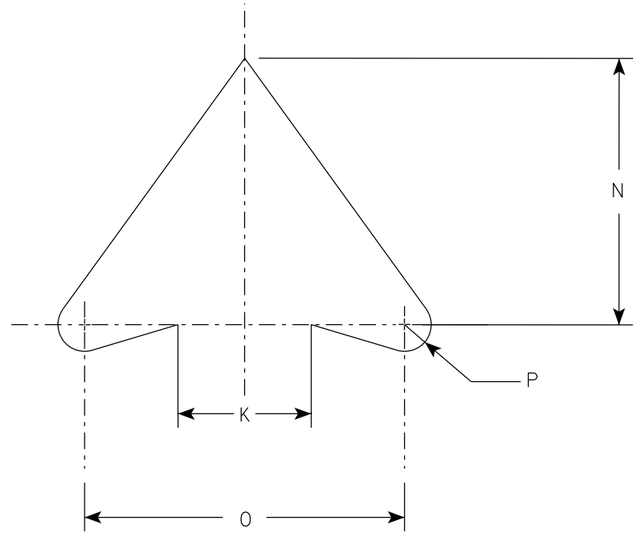
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 237 | E

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.



R3-2



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

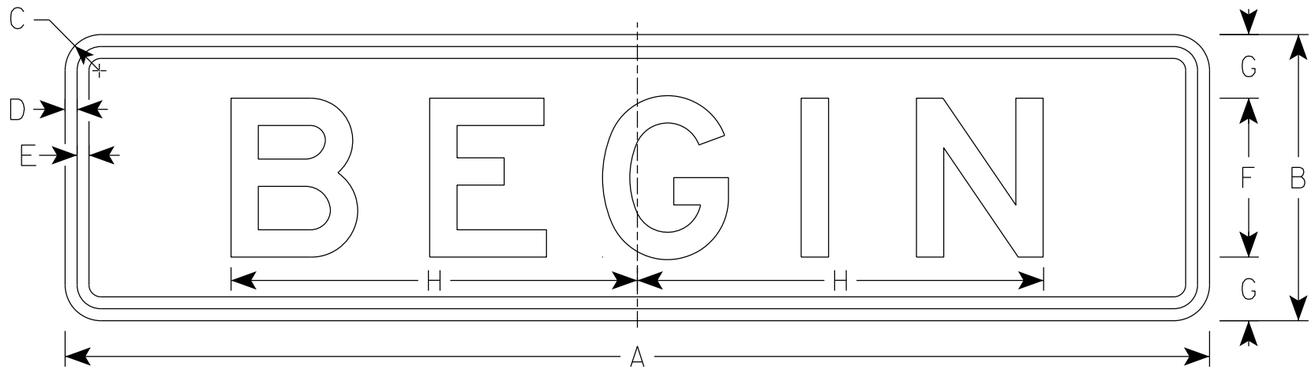
STANDARD SIGN
R3-2

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/2/23 PLATE NO. R3-2.11

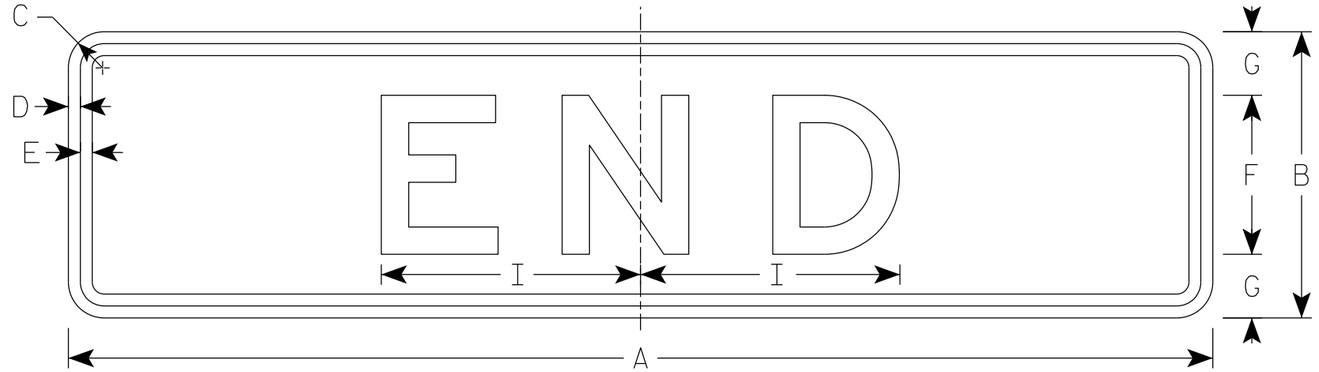
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 238 | E



R3-9C

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - E



R3-9D

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	6	1 1/2	3/8	3/8	3	1 1/2	7 3/4	4 7/8																		1.0
2M	24	6	1 1/2	3/8	3/8	3	1 1/2	7 3/4	4 7/8																		1.0
3	36	9	1 1/2	3/8	3/8	5	2	12 3/4	8 1/8																		2.25
4																											
5																											

STANDARD SIGN
R3-9C & R3-9D

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/23/23 PLATE NO. R3-9C.4

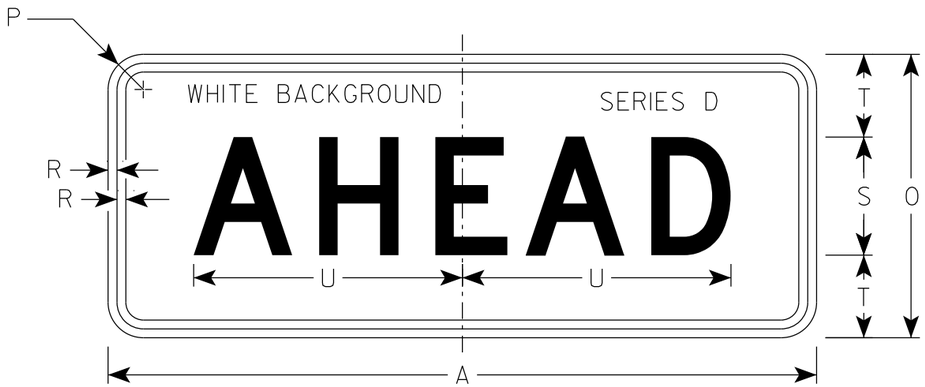
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 239	E



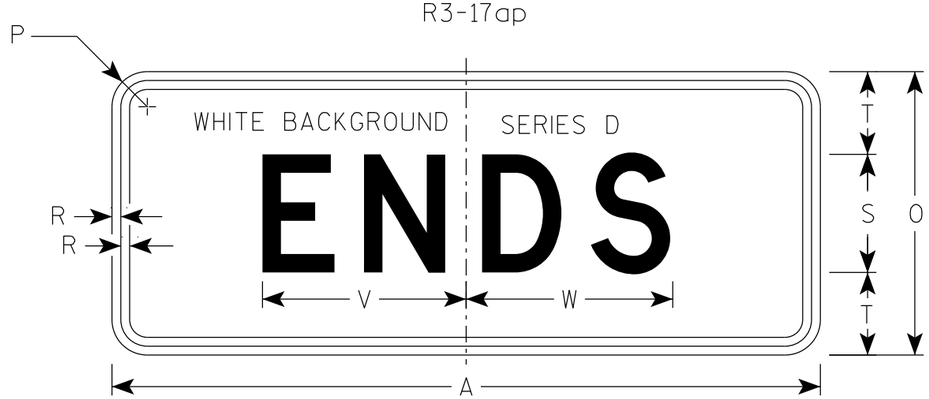
R3-17

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

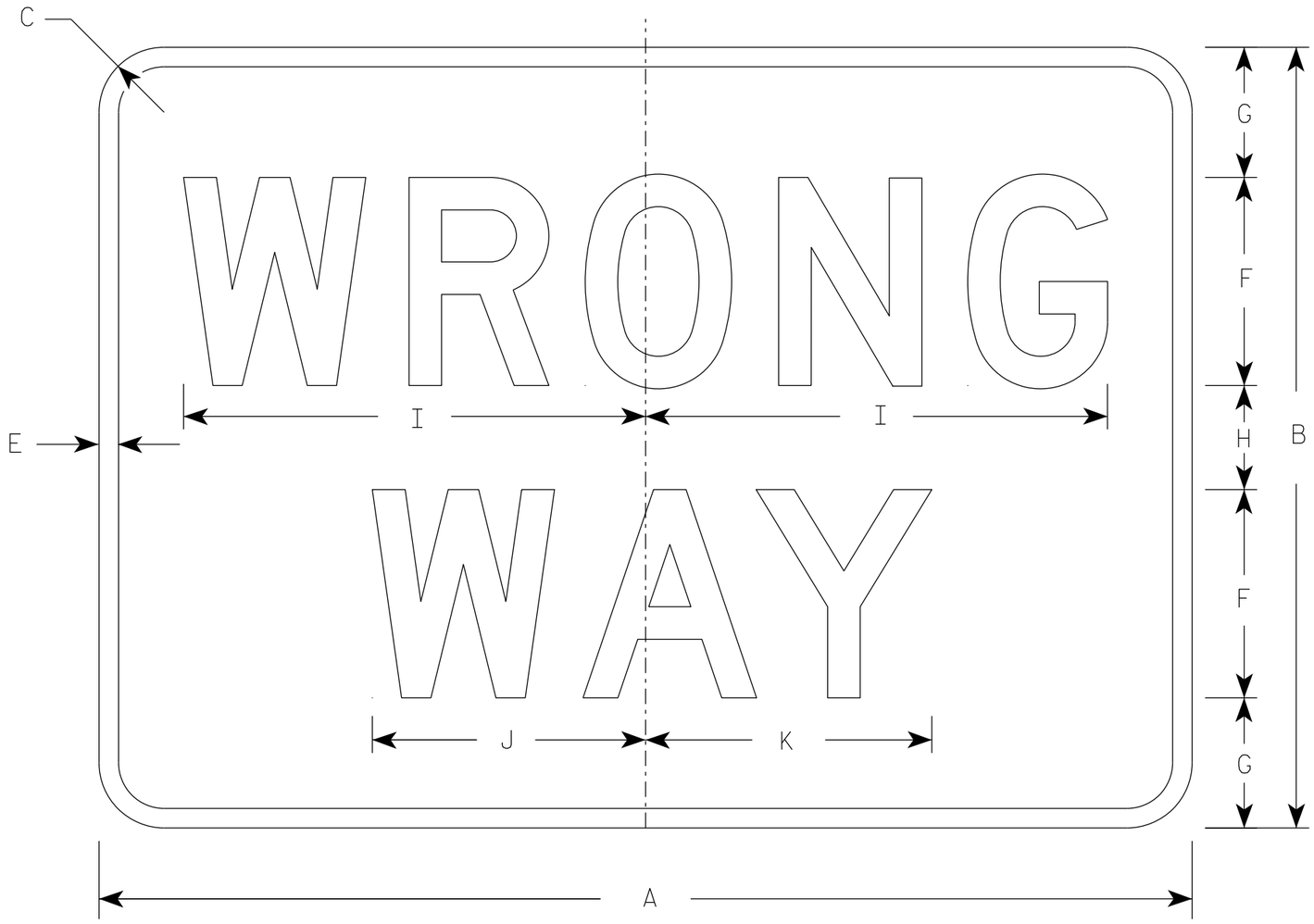
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/23/23 PLATE NO. R3-17.3

PROJECT NO:

SHEET NO: 240 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

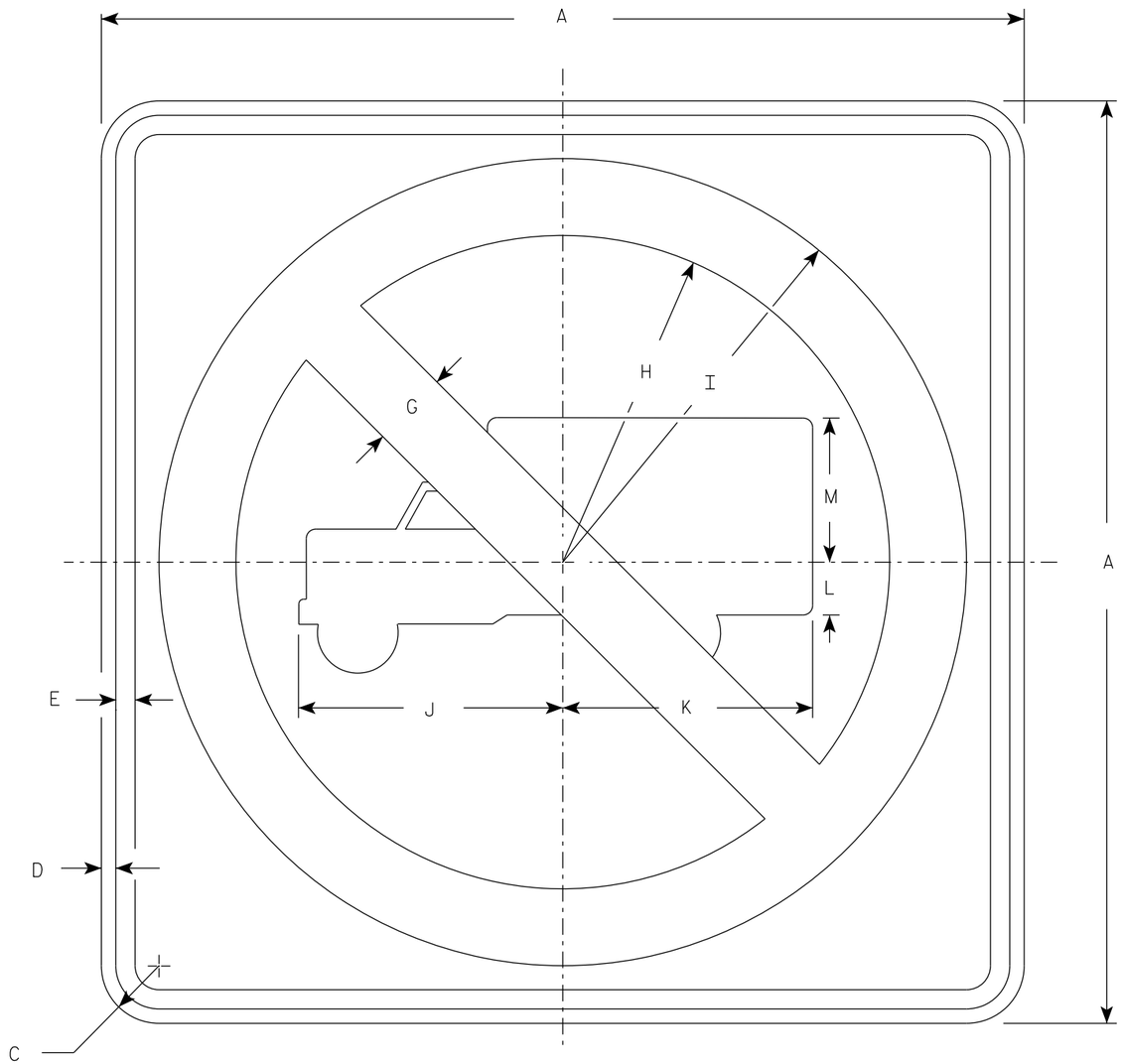
STANDARD SIGN
R5-1A

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: 241 | E



R5-2

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - See Note 3
3. Circle & Diagonal - Red
   Truck Symbol & Border - 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		1 1/2	3/8	1/2		2	8 1/2	10 1/2	6 7/8	6 1/2	1 3/8	3 3/4														4.0
2M	24		1 1/2	3/8	1/2		2	8 1/2	10 1/2	6 7/8	6 1/2	1 3/8	3 3/4														4.0
3	30		1 7/8	1/2	5/8		2 1/2	10 5/8	13 1/8	8 1/2	8 1/8	1 5/8	4 3/4														6.25
4	36		2 1/4	5/8	3/4		3	12 3/4	15 3/4	10 1/4	9 3/4	2	5 3/4														9.0
5	48		2 1/4	3/4	1		4	17	21	13 5/8	13	2 5/8	7 5/8														16.0

STANDARD SIGN
R5-2

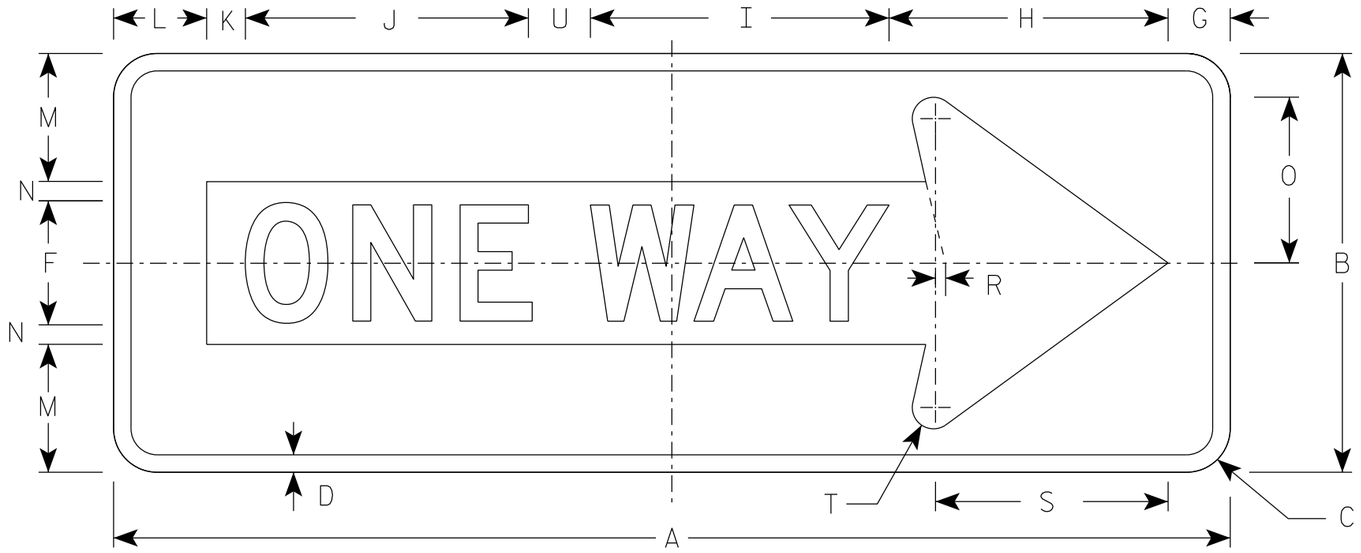
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

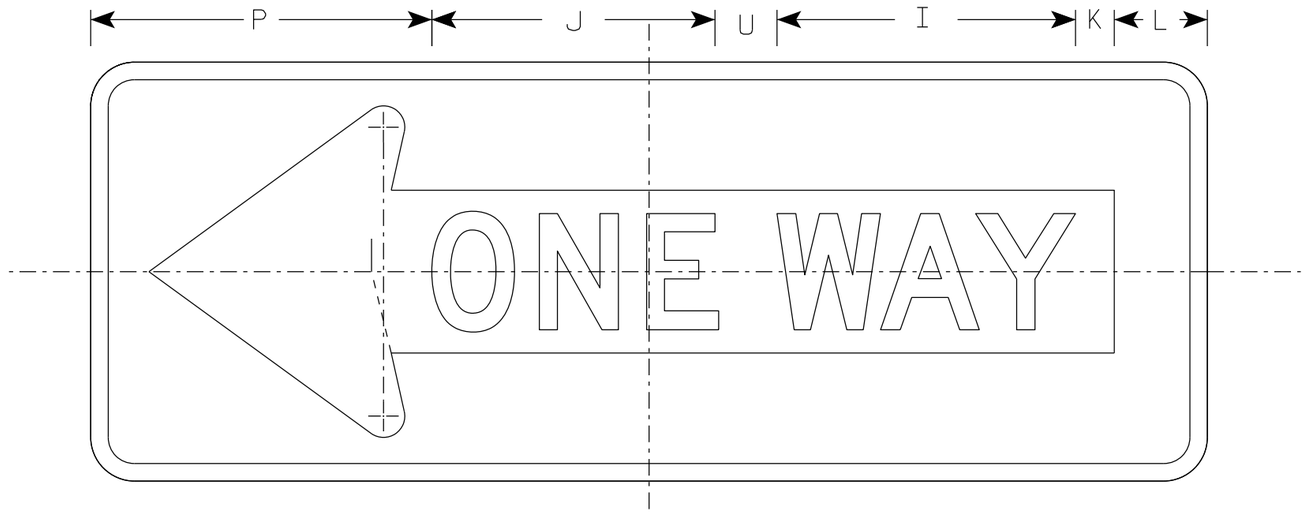
DATE 8/17/23 PLATE NO. R5-2.7

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 242 | E

7



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

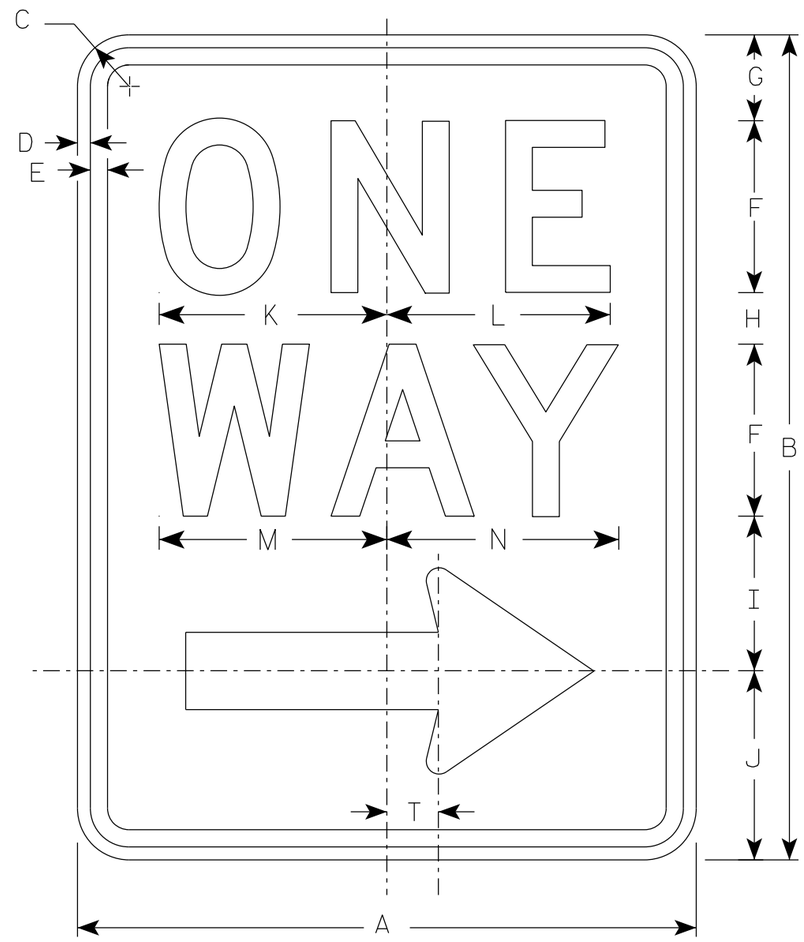
DATE 4/7/2025 PLATE NO. R6-1.5

PROJECT NO:

SHEET NO: 243 E

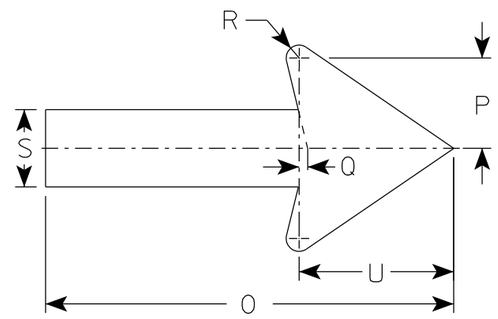
NOTES

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																										

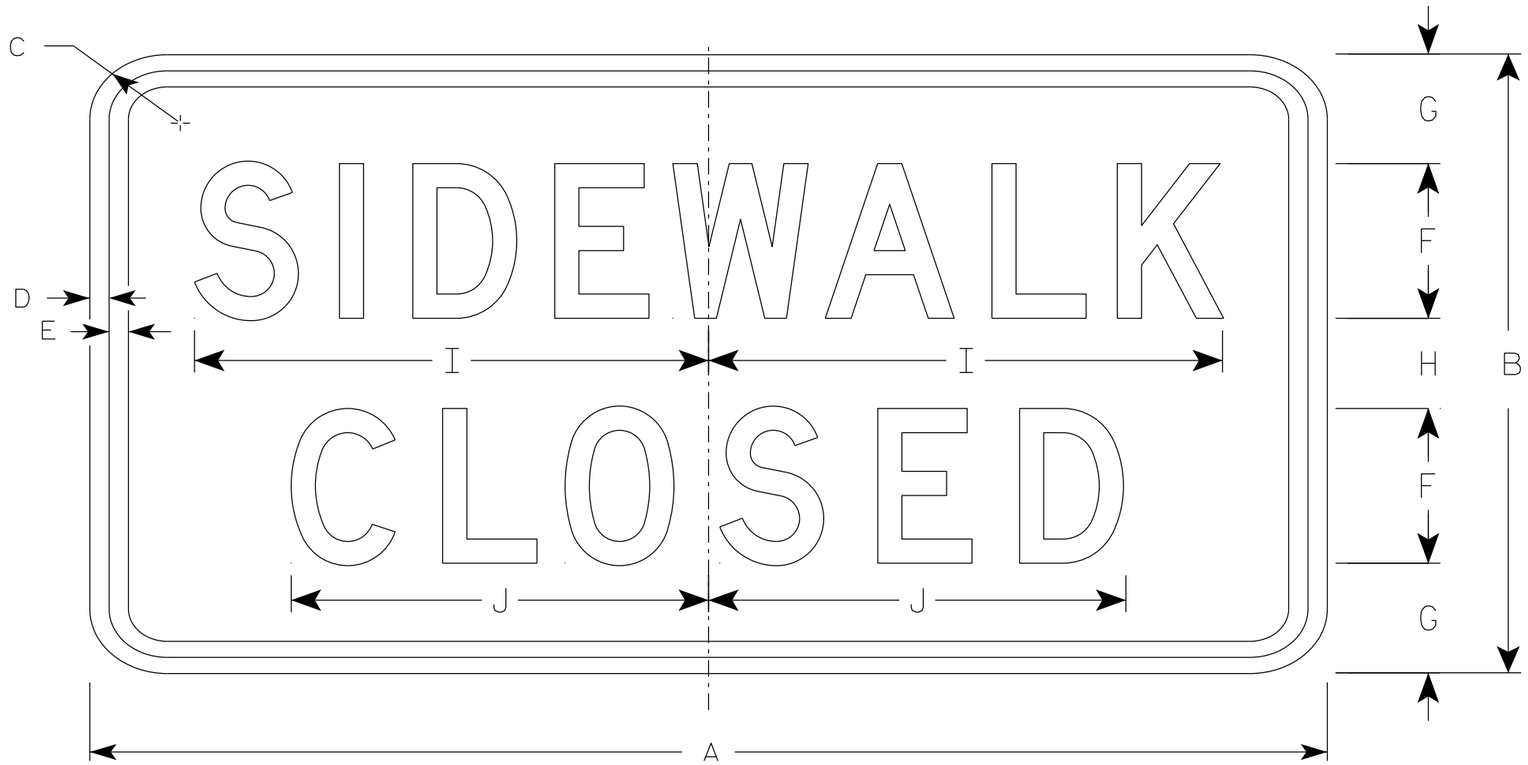
STANDARD SIGN
R6-2 R&L

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: 244	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

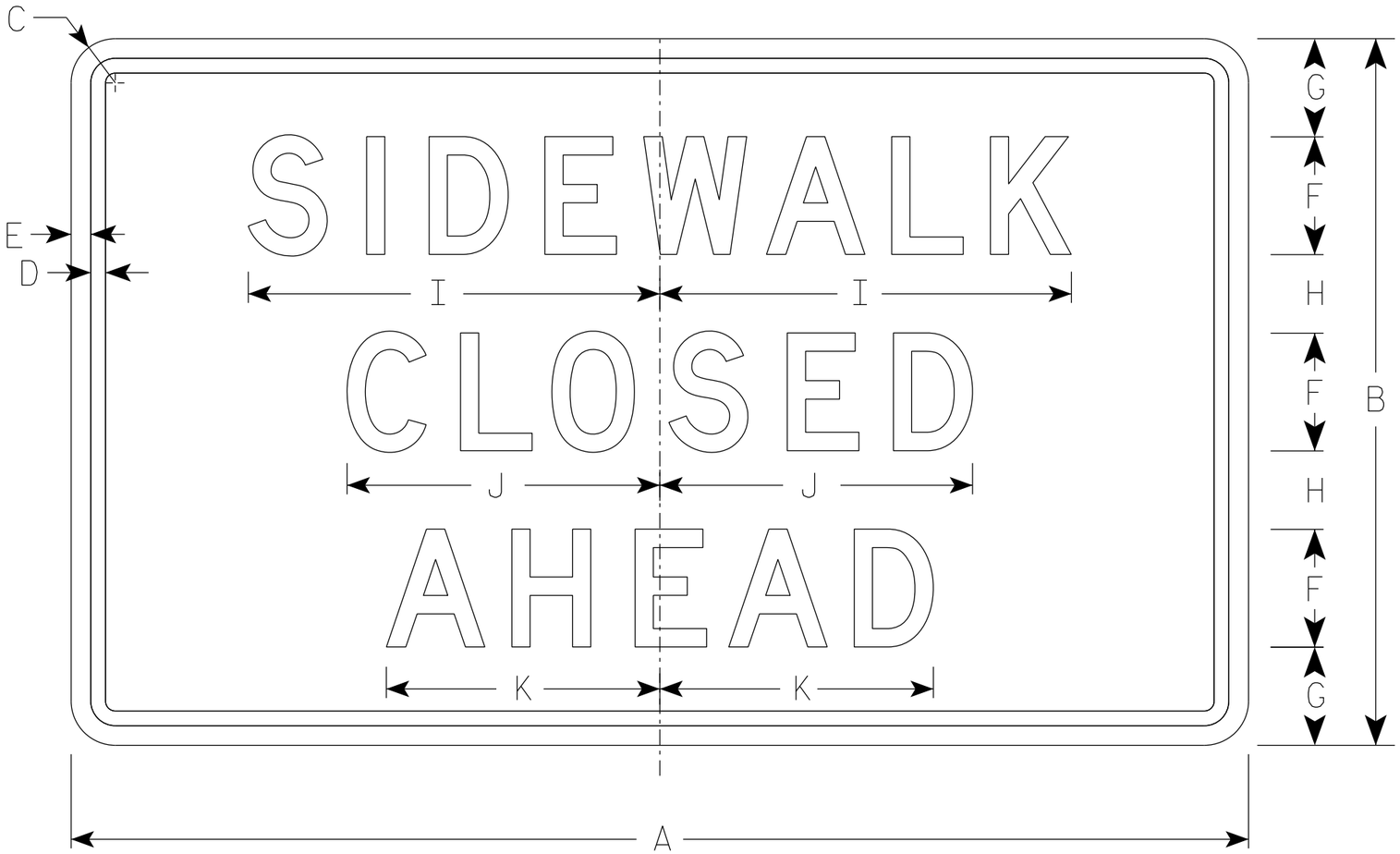
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/24/24 PLATE NO. R9-9.7

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 245 | 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																											

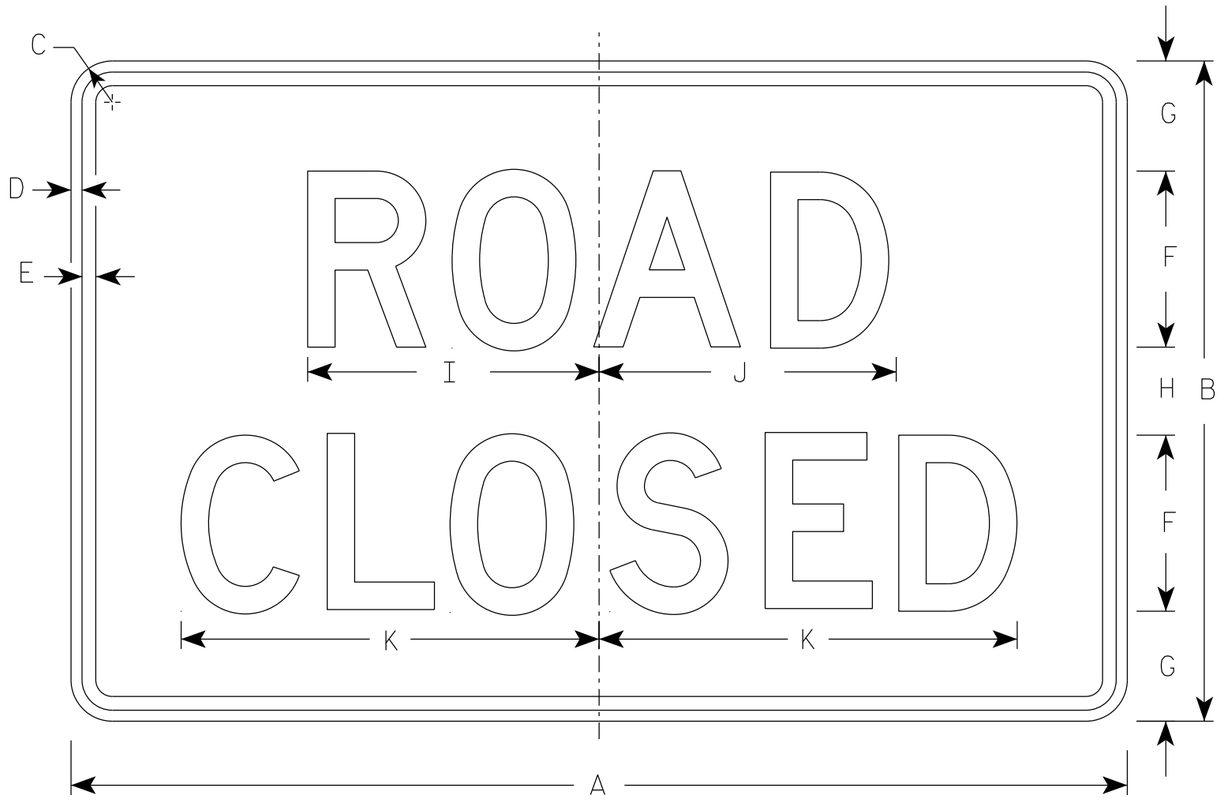
STANDARD SIGN
R9-9A

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/24/24 PLATE NO. R9-9A.2

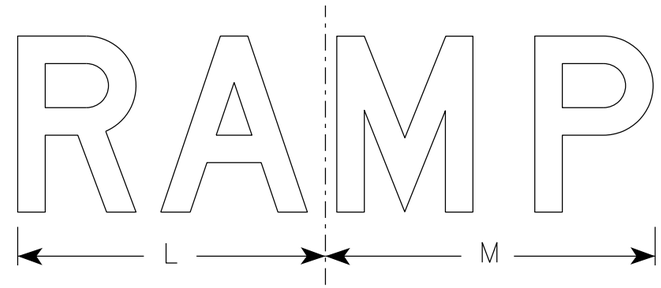
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 246 | E



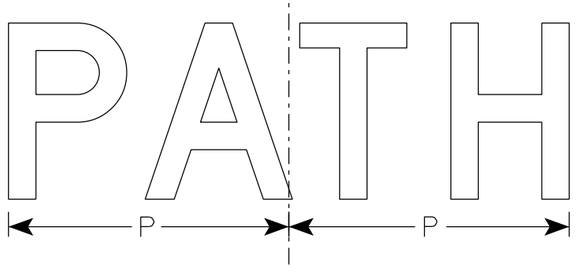
R11-2

NOTES

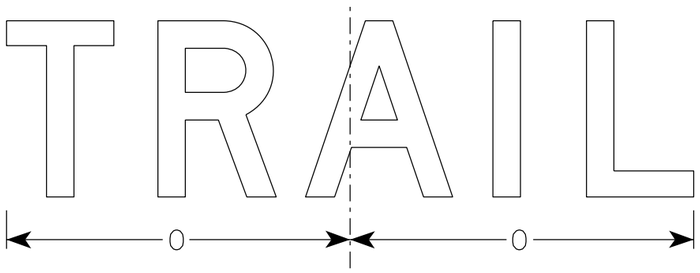
1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Modify the message as required.



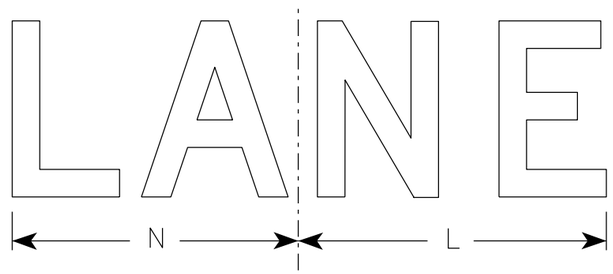
R11-2R



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

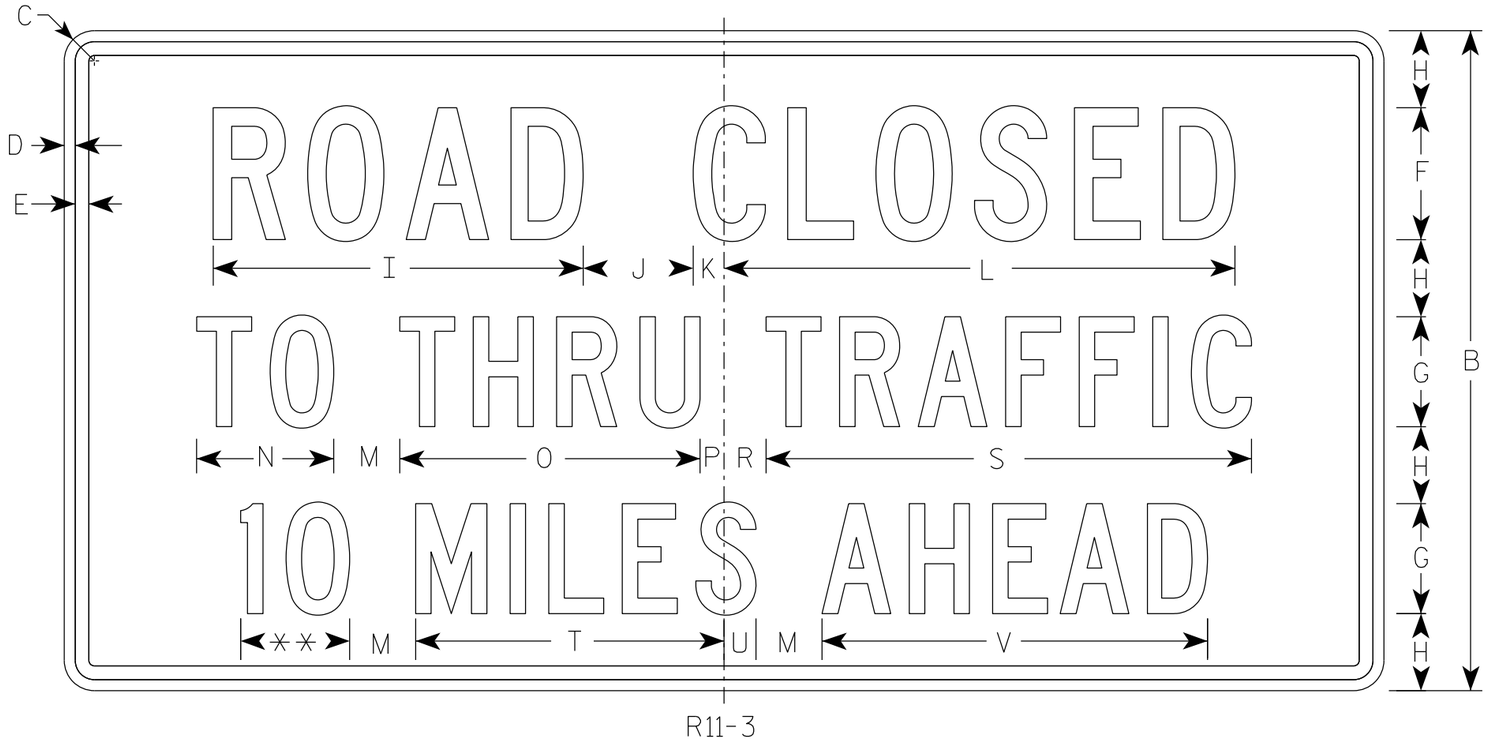
DATE 2/3/26 PLATE NO. R11-2.13

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

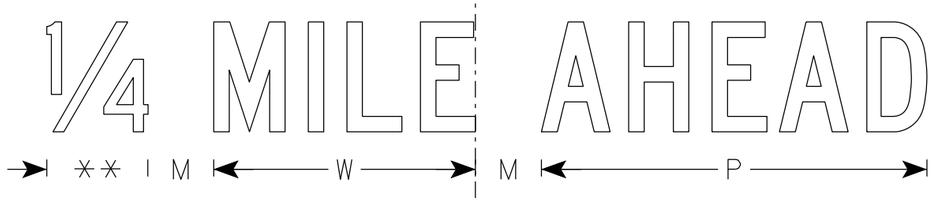
NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   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 nearest quarter mile and optically adjust spacing to achieve proper balance.



R11-3

** 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	18	1 1/2	3/8	3/8	4	3	2	11 1/4	3	1 1/8	15 3/8	2	3 3/4	8 1/4	5/8		1 3/8	13 1/4	8 3/8	7/8	10 1/2	7 1/8				4.5
2S	60	30	1 7/8	1/2	5/8	6	5	3 1/2	16 7/8	5	1 3/8	23 1/4	3	6 1/4	13 5/8	1 1/8		1 7/8	22 1/8	14	1 1/2	17 1/2	11 7/8				12.5
2M	60	30	1 7/8	1/2	5/8	6	5	3 1/2	16 7/8	5	1 3/8	23 1/4	3	6 1/4	13 5/8	1 1/8		1 7/8	22 1/8	14	1 1/2	17 1/2	11 7/8				12.5
3																											
4																											
5																											

STANDARD SIGN
R11-3

WISCONSIN DEPT OF TRANSPORTATION

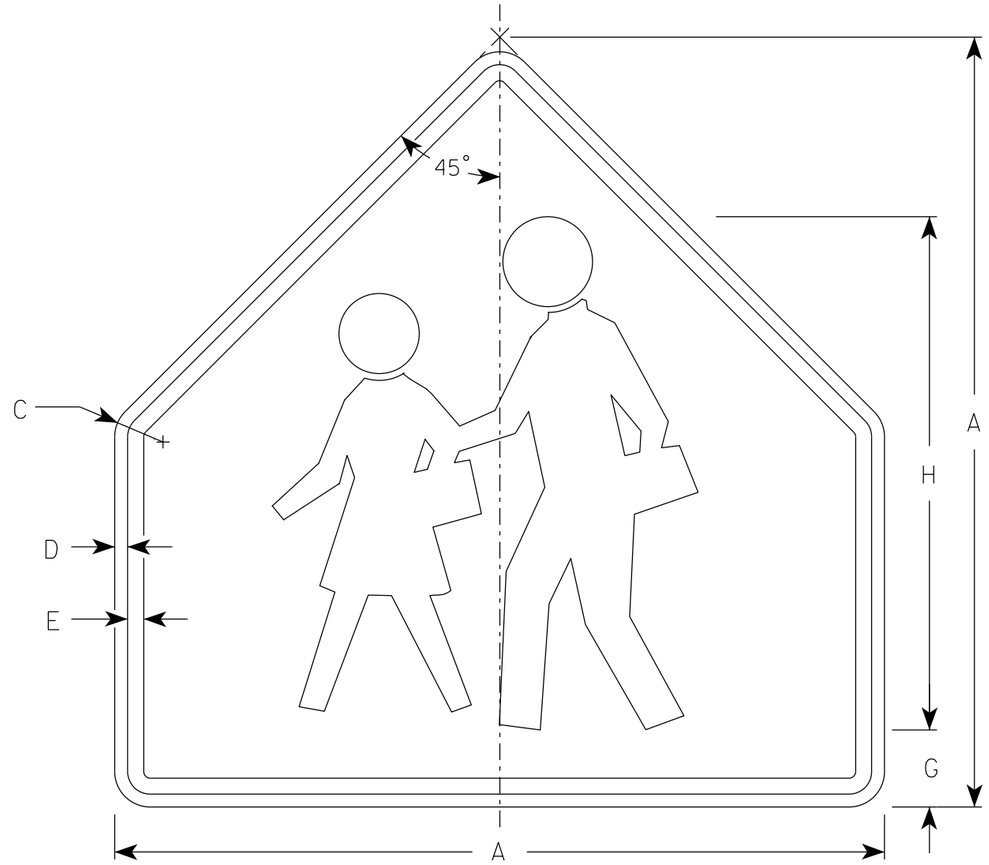
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/5/24 PLATE NO. R11-3.10

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 248 E

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																											

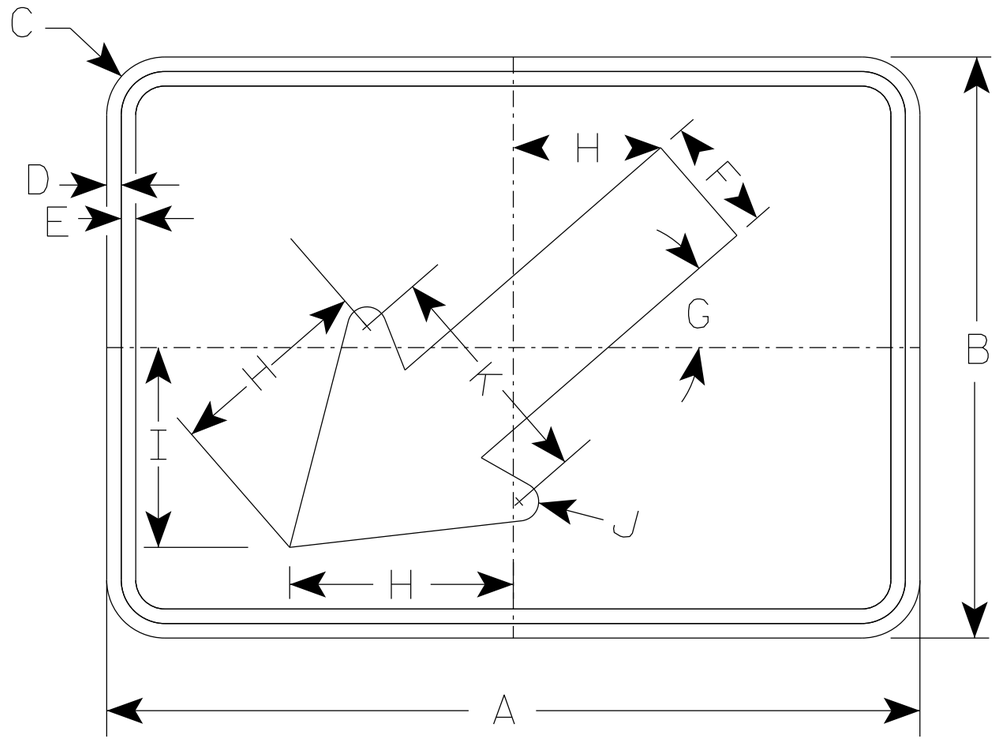
STANDARD SIGN
S1-1

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: 249 | E



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																											

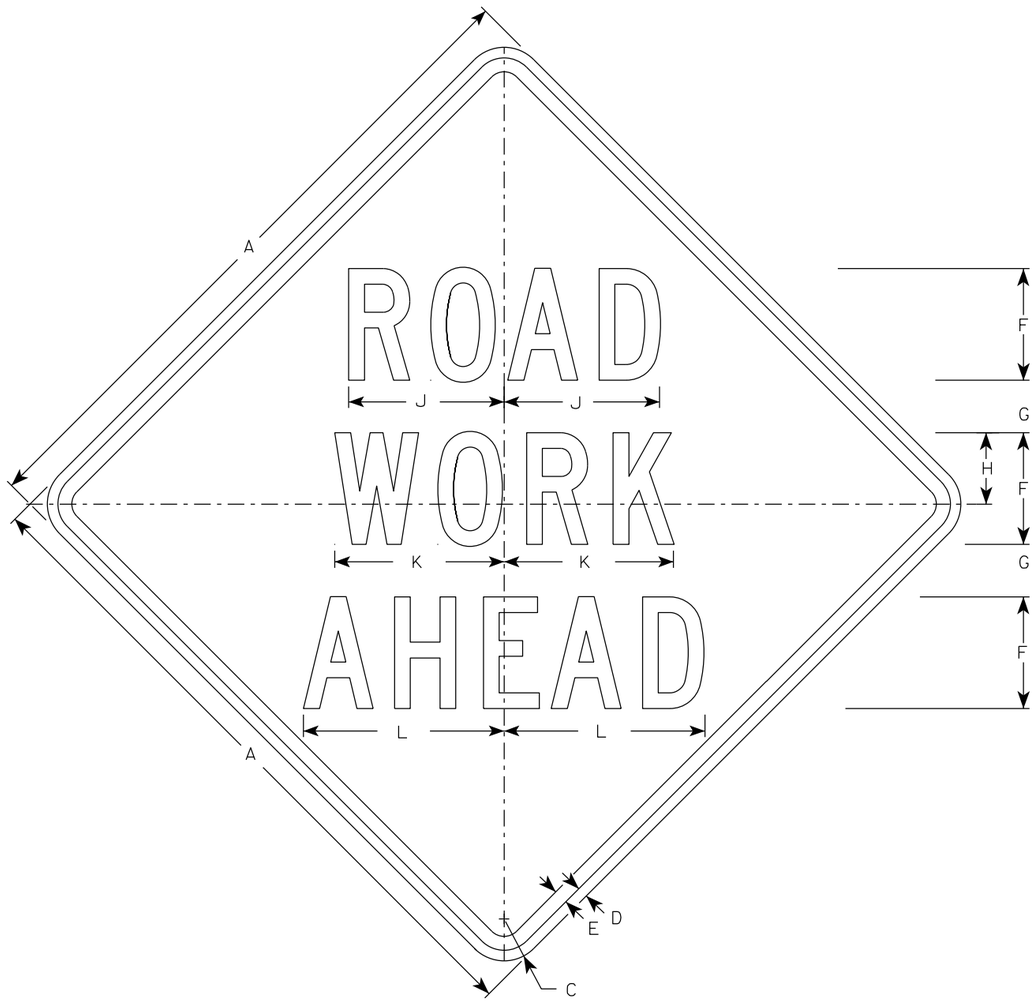
STANDARD SIGN
S16-7

WISCONSIN DEPT OF TRANSPORTATION

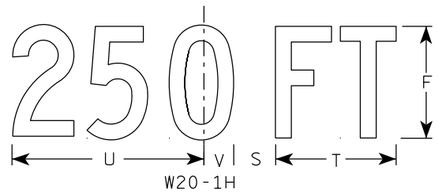
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 4/30/26 PLATE NO. S16-7.4

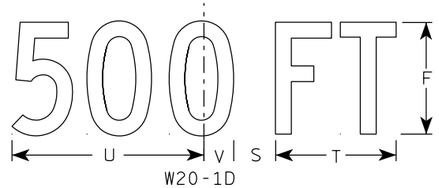
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 250	E



W20-1A



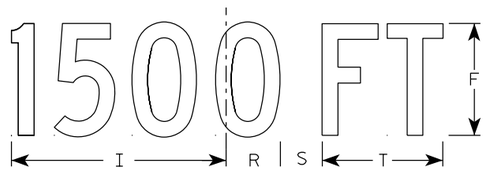
W20-1H



W20-1D



W20-1C



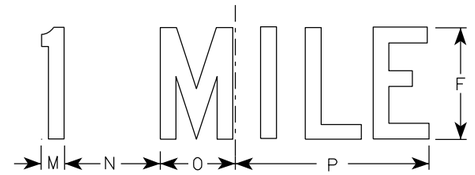
W20-1B

NOTES

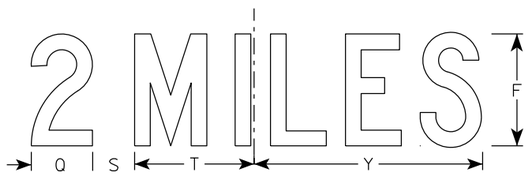
1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



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

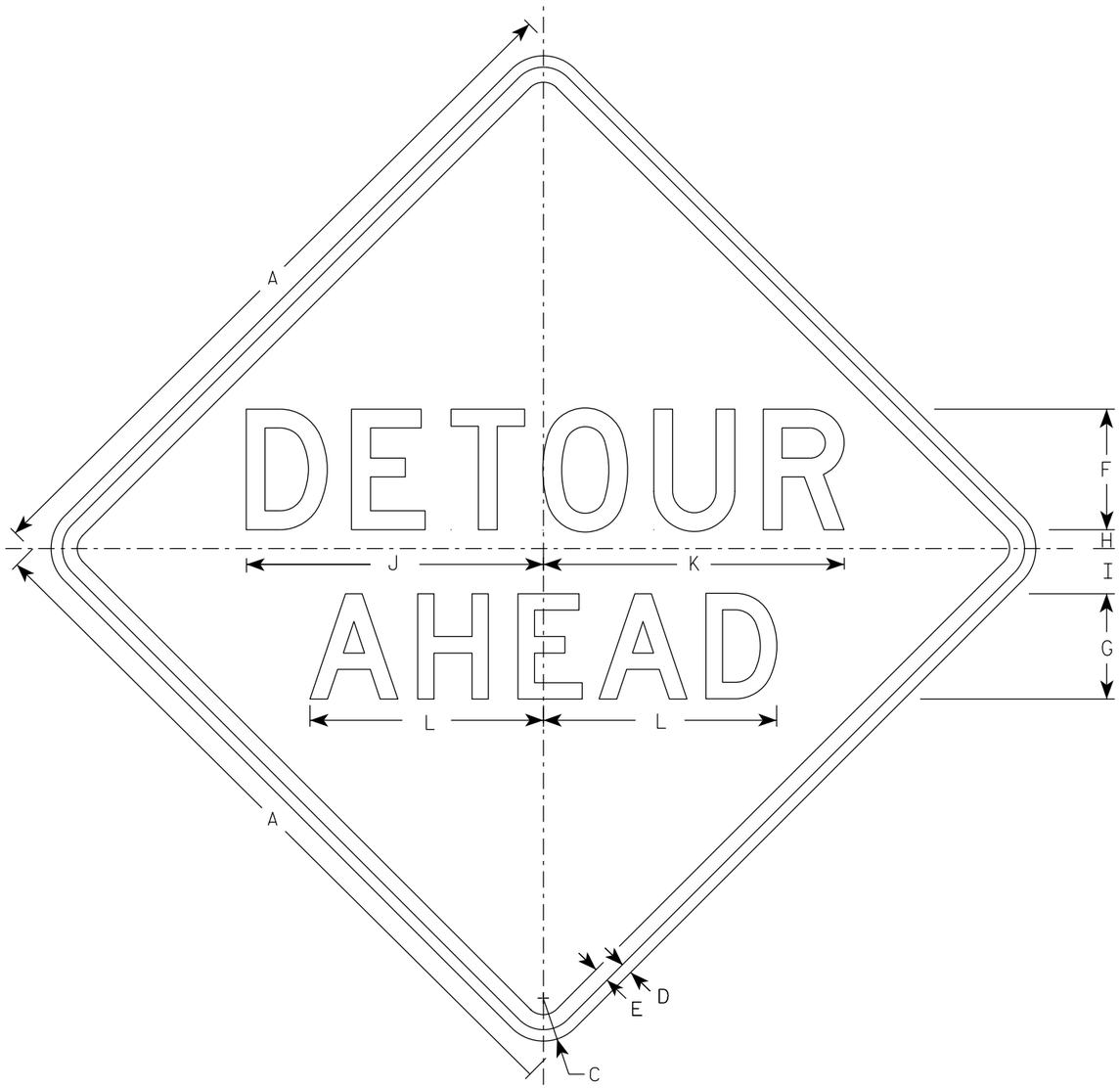
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

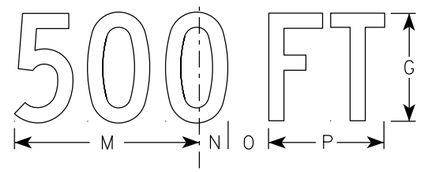
DATE 1/10/2024 PLATE NO. W20-1.12

PROJECT NO:

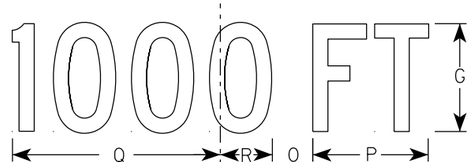
SHEET NO: 251 E



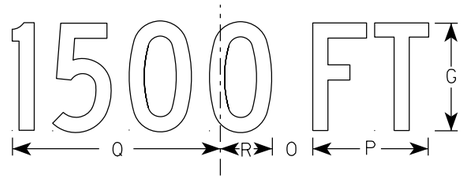
W20-2A



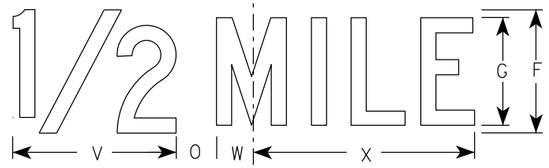
W20-2D



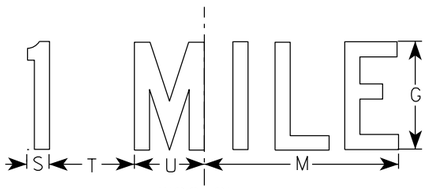
W20-2C



W20-2B



W20-2G



W20-2F

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. Line 1 is Series D.
   Line 2 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	6	5	1	2 1/4	14 3/4	15	11 5/8	9	1 3/8	1 7/8	5 5/8	10 1/8	2 1/2	1 1/8	4 1/2	3 1/2	8	1 3/4	10 3/4			9.0
2S	48		3	3/4	1	8	7	1 1/4	3	19 3/4	20	15 1/2	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	10 5/8	2 3/8	14 3/8			16.0
2M	48		3	3/4	1	8	7	1 1/4	3	19 3/4	20	15 1/2	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	10 5/8	2 3/8	14 3/8			16.0
3	48		3	3/4	1	8	7	1 1/4	3	19 3/4	20	15 1/2	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	10 5/8	2 3/8	14 3/8			16.0
4	48		3	3/4	1	8	7	1 1/4	3	19 3/4	20	15 1/2	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	10 5/8	2 3/8	14 3/8			16.0
5	48		3	3/4	1	8	7	1 1/4	3	19 3/4	20	15 1/2	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	10 5/8	2 3/8	14 3/8			16.0

STANDARD SIGN
W20-2A,B,C,D,F & G

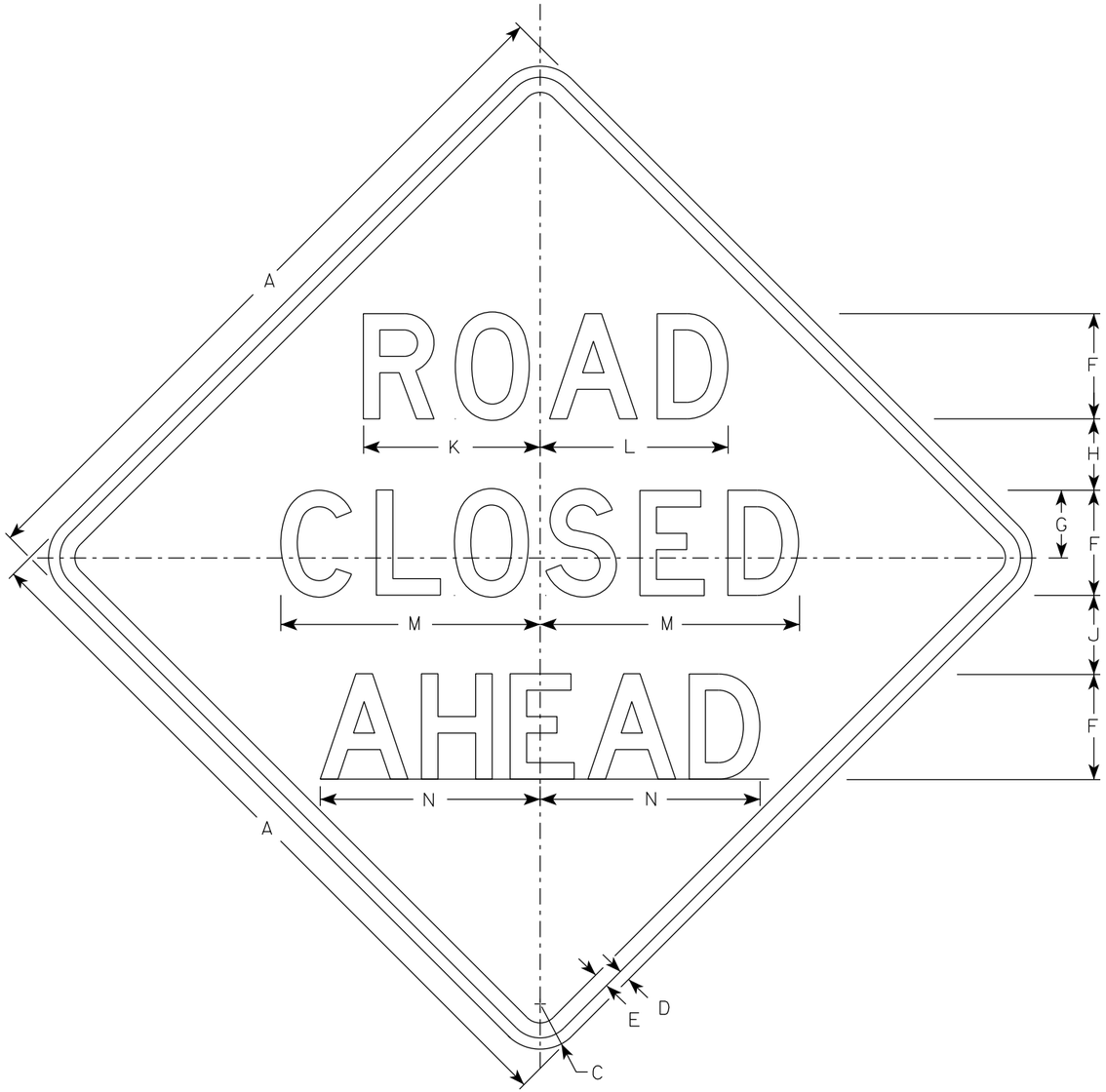
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

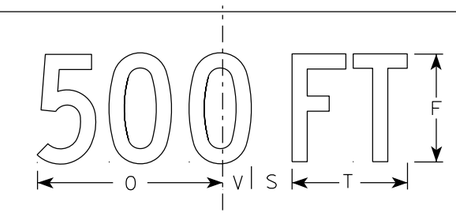
DATE 1/10/2024 PLATE NO. W20-2.7

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

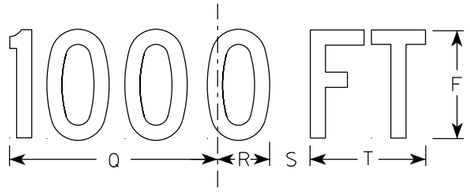
FILE NAME : C:\CAEfiles\Projects\tr_stdplate\W202.DGN PLOT DATE : 10-JAN 2024 11:36 PLOT BY : dotc4c PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42



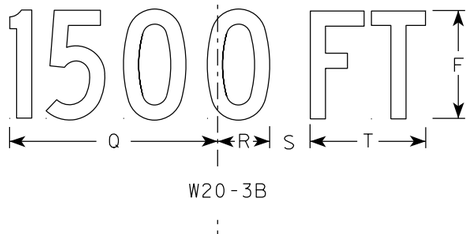
W20-3A



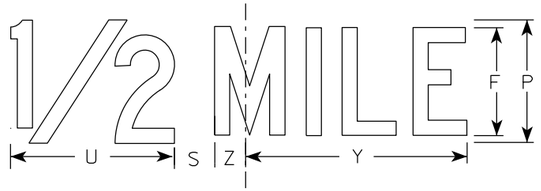
W20-3D



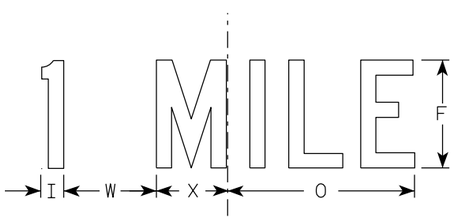
W20-3C



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

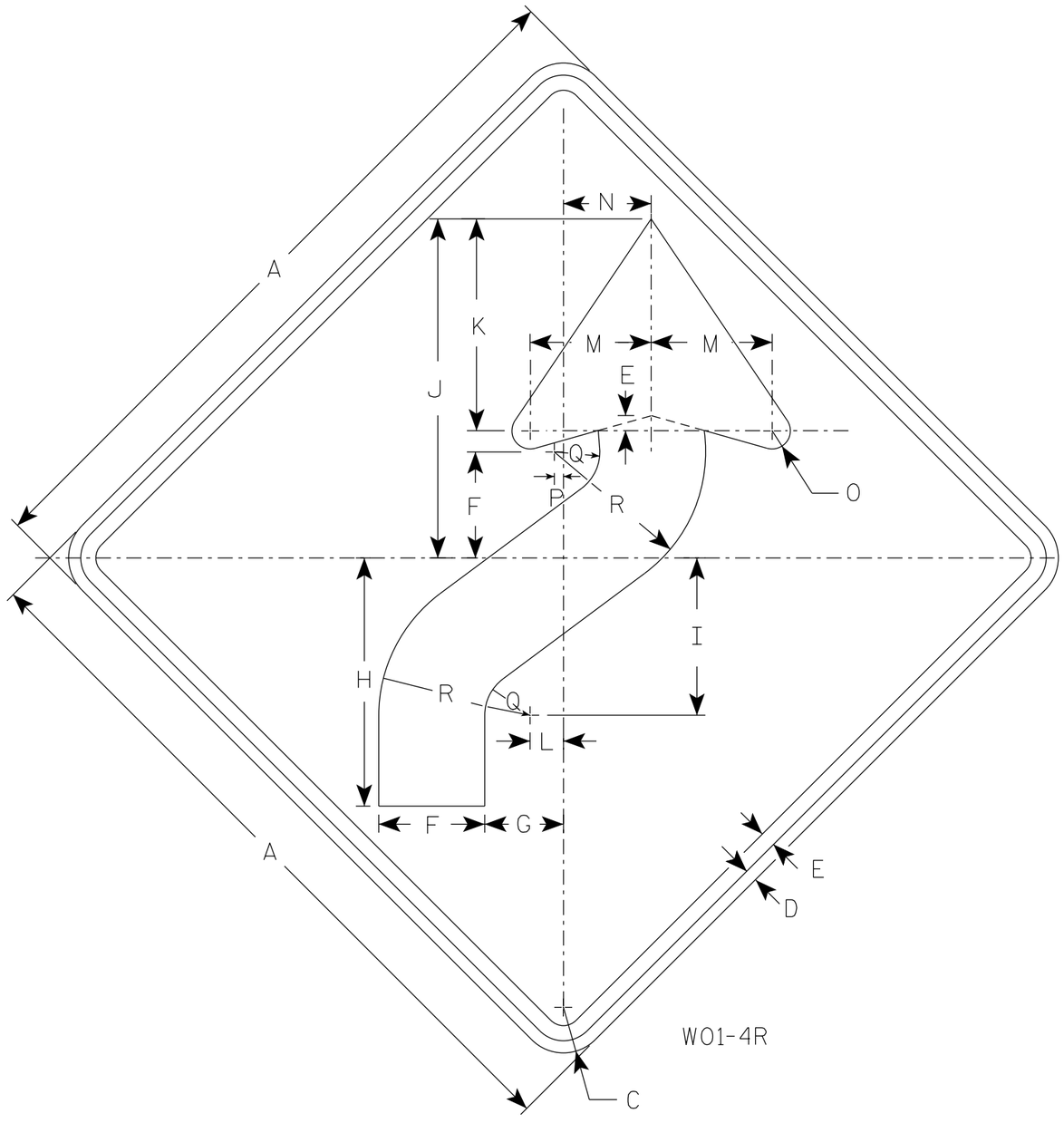
APPROVED Matthew R Rauch
for State Traffic Engineer

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 : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42

7



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

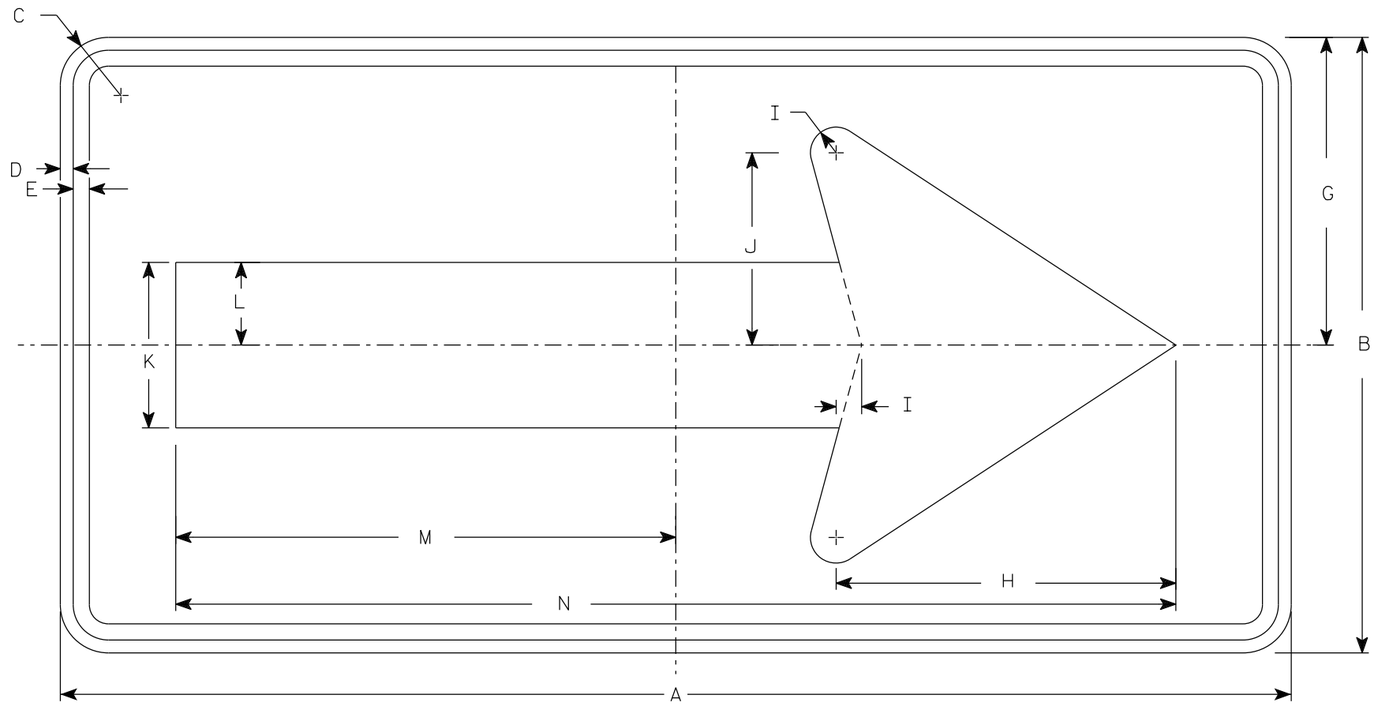
STANDARD SIGN
W01-4

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: 254 | 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

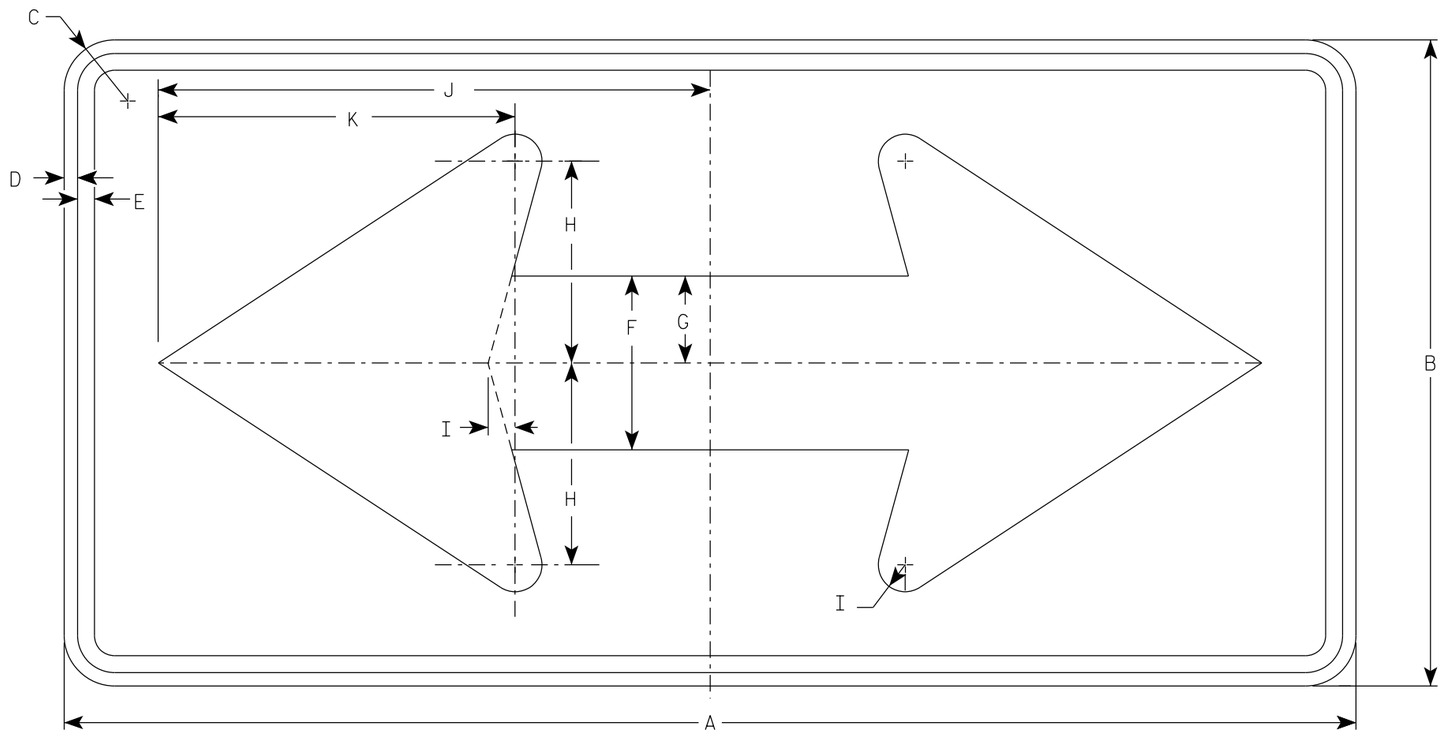
STANDARD SIGN
WO1-6

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



W01-7

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	6 1/2	3 1/4	7 1/2	1	20 1/2	13 1/4																8.0
2M	48	24	1 7/8	1/2	5/8	6 1/2	3 1/4	7 1/2	1	20 1/2	13 1/4																8.0
3	60	30	1 7/8	1/2	5/8	8	4	9 1/4	1 1/4	25 3/8	16 1/4																12.5
4	60	30	1 7/8	1/2	5/8	8	4	9 1/4	1 1/4	25 3/8	16 1/4																12.5
5	60	30	1 7/8	1/2	5/8	8	4	9 1/4	1 1/4	25 3/8	16 1/4																12.5

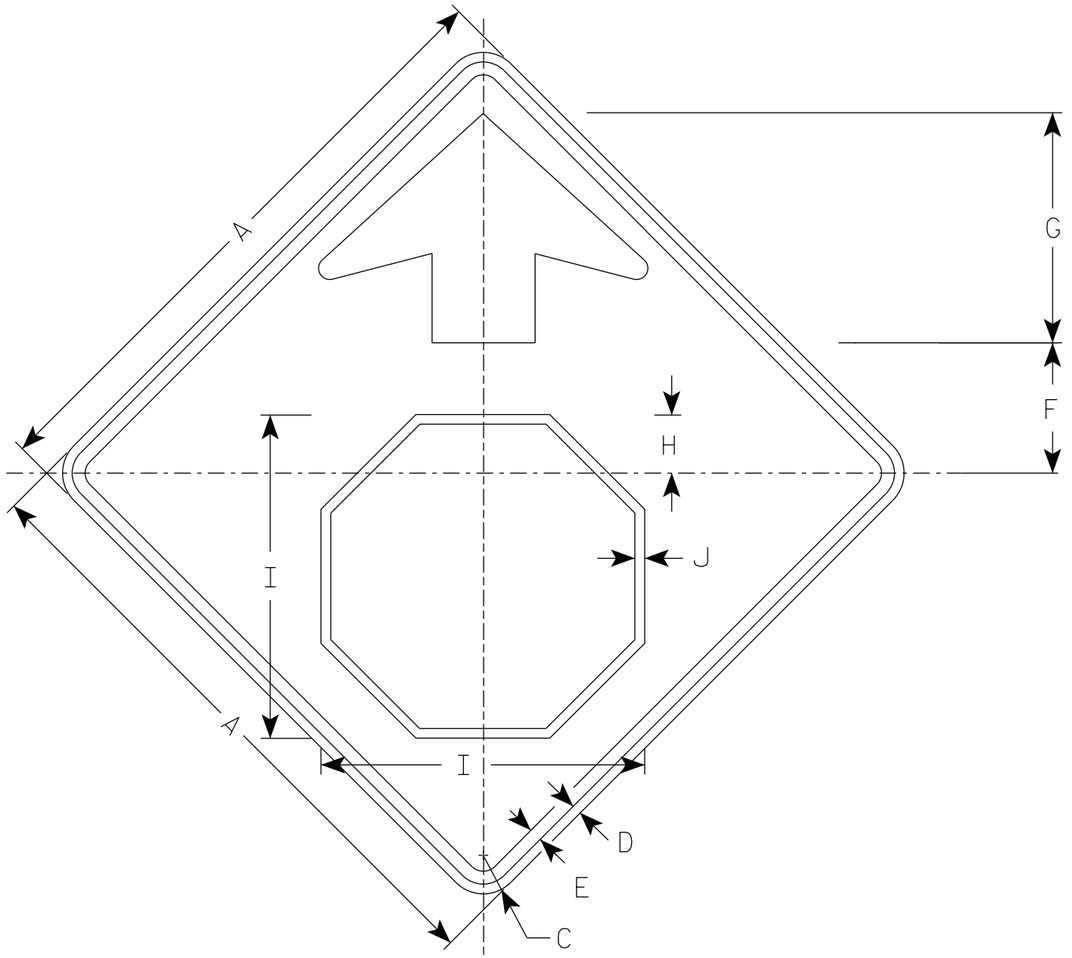
STANDARD SIGN
W01-7

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/24/2024 PLATE NO. W01-7.2

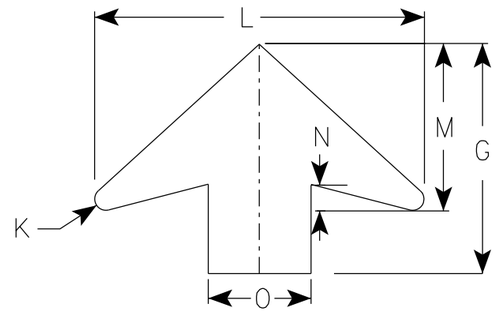
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 256 | E



W03-1

NOTES

1. All Signs Type II - Type F Reflective
2. Color:
   Background - ORANGE
   Arrow & Border - BLACK
   Stop Symbol - WHITE BORDER ON 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	36		2 1/4	5/8	3/4	7 1/2	13 1/2	3 1/2	19	5/8	5/8	19 1/4	9 3/4	1 5/8	6												9.0
2S	48		3	3/4	1	10	17 7/8	4 1/2	25 1/8	3/4	7/8	25 5/8	13	2	8												16.0
2M	48		3	3/4	1	10	17 7/8	4 1/2	25 1/8	3/4	7/8	25 5/8	13	2	8												16.0
3	48		3	3/4	1	10	17 7/8	4 1/2	25 1/8	3/4	7/8	25 5/8	13	2	8												16.0
4	48		3	3/4	1	10	17 7/8	4 1/2	25 1/8	3/4	7/8	25 5/8	13	2	8												16.0
5	48		3	3/4	1	10	17 7/8	4 1/2	25 1/8	3/4	7/8	25 5/8	13	2	8												16.0

STANDARD SIGN
W03-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

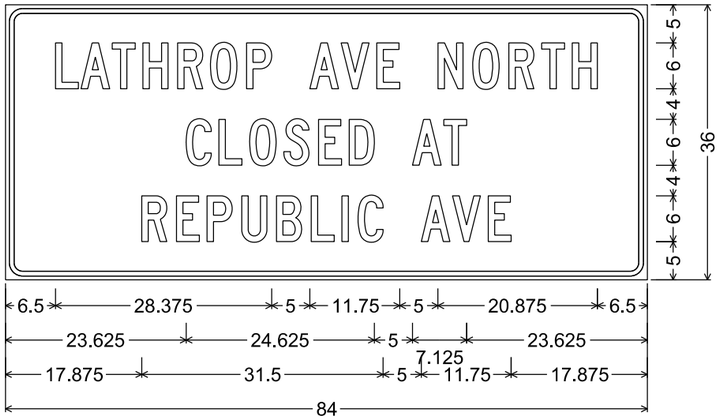
DATE 1/24/2024 PLATE NO. W03-1.2

PROJECT NO:

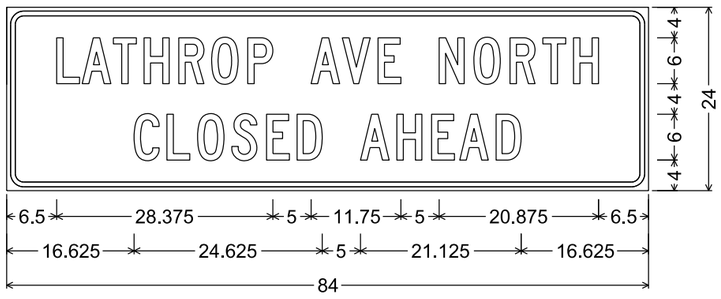
SHEET NO: 257 E

NOTES

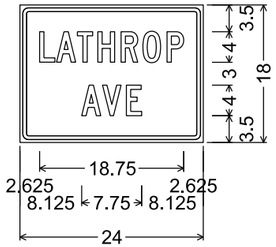
1. Fixed Message Signs Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - C



2.250" Radius, 0.625" Border, 0.500" Indent



2.250" Radius, 0.625" Border, 0.500" Indent



1.125" Radius, 0.500" Border, 0.375" Indent

LATHROP AVENUE

CATEGORY	STAGE	REFERENCE LINE STATION	DISTANCE (FT)	AREA (SF) CUT	AREA (SF) SALVAGED/UNUSABLE PAVEMENT MATERIAL	AREA (SF) FILL	AREA (SF) EBS	INCREMENTAL VOL (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOL (CY) (UNADJUSTED) SALVAGED/UNUSABLE PAVEMENT MATERIAL NOTE 2	INCREMENTAL VOL (CY) (UNADJUSTED) FILL NOTE 3	INCREMENTAL VOL (CY) (UNADJUSTED) EBS	CUMULATIVE VOL (CY) CUT NOTE 1	CUMULATIVE VOL (CY) EXPANDED FILL 1.15	CUMULATIVE VOL (CY) EXPANDED EBS BACKFILL 1.10 NOTE 5	CUMULATIVE VOL (CY) REDUCED EBS IN FILL 0.80 NOTE 7	CUMULATIVE VOL (CY) MASS ORDINATE NOTE 8
0010	1	84+85 BA, AH		28	20	0	12	0	0	0	0	0	0	0		0
		85+00	15	31	20	0	12	16	11	0	7	16	0	8	6	5
		85+50	50	32	20	0	12	58	37	0	22	74	0	32	24	26
		86+00	50	30	20	0	12	57	37	0	22	131	0	56	42	46
		86+33	33	37	20	0	12	41	25	0	15	172	0	73	54	62
		86+50	17	34	20	0	12	22	12	0	7	194	0	80	60	72
		86+91	41	38	20	0	12	54	30	0	18	248	0	100	74	96
		86+92	1	38	20	0	12	1	1	0	0	249	0	100	74	96
		87+00	8	33	20	0	12	11	6	0	4	260	0	105	77	101
		87+41	41	38	20	0	12	54	31	0	18	314	0	124	91	124
		87+47	6	33	20	1	12	7	4	0	3	321	0	128	93	127
		87+50	3	33	20	1	12	4	2	0	1	325	0	129	94	129
		87+92	42	37	20	0	12	56	31	0	19	381	0	150	109	154
		88+00	8	33	20	1	12	10	6	0	3	391	0	153	111	158
		88+03	3	34	20	0	12	3	2	0	1	394	0	154	112	159
		88+45	42	39	20	0	12	57	31	0	19	451	0	175	127	185
		88+50	5	34	20	0	12	7	4	0	2	458	0	177	129	188
		88+62	12	33	20	0	12	15	9	0	5	473	0	183	133	194
		89+00	38	43	20	0	12	53	28	0	17	526	0	201	147	219
		89+16	16	33	20	0	12	22	12	0	7	548	0	209	153	229
		89+50	34	36	20	0	12	44	25	0	15	592	0	226	165	248
		89+53	3	36	20	0	12	3	2	0	1	595	0	227	166	249
		89+71	18	32	20	0	12	23	13	0	8	618	0	235	172	259
		90+00	29	43	20	0	12	41	22	0	13	659	0	250	182	278
		90+06	6	43	20	0	12	10	5	0	3	669	0	253	184	283
		90+33	26	33	20	0	12	37	20	0	12	706	0	266	194	300
		90+50	17	34	20	0	12	21	13	0	8	727	0	275	200	308
		90+92	42	35	20	0	12	54	31	0	19	781	0	296	215	331
		91+00	8	35	20	0	12	10	6	0	3	791	0	299	217	335
		91+50	50	31	20	0	12	61	37	0	22	852	0	323	235	359
		91+69	19	33	20	0	12	23	14	0	8	875	0	332	241	368
		92+00	31	34	20	0	12	39	23	0	14	914	0	348	252	384
		92+40	40	38	20	0	12	53	30	0	18	967	0	367	266	407
		92+50	10	34	20	0	12	13	7	0	4	980	0	372	269	413
		92+52	2	34	20	0	12	2	1	0	1	982	0	373	270	414
		93+00	48	35	20	0	12	62	36	0	21	1,044	0	396	287	440
		93+13	13	35	20	0	12	17	10	0	6	1,061	0	403	292	447
		93+50	37	35	20	0	12	48	27	0	16	1,109	0	420	305	468
		94+00	50	27	20	0	12	58	37	0	22	1,167	0	444	323	489
		94+50	50	33	20	0	12	56	37	0	22	1,223	0	469	341	508
		95+00	50	37	20	0	12	65	37	0	22	1288	0	493	359	536
		95+50	50	35	20	0	12	67	37	0	22	1,355	0	517	377	566
		95+87	37	58	20	0	12	63	27	0	16	1,418	0	535	390	602
		96+00	13	37	20	1	12	23	10	0	6	1,441	0	541	395	615
		96+34	34	57	20	0	12	58	25	0	15	1,499	0	558	407	648
		96+50	16	34	20	0	12	27	12	0	7	1,526	0	565	413	663
		97+00	50	37	20	0	12	65	37	0	22	1,591	0	590	431	691
		97+11	11	60	20	0	12	20	8	0	5	1,611	0	595	435	703
		97+50	39	41	20	0	12	72	29	0	17	1,683	0	614	449	746
		97+71	21	65	20	0	12	41	16	0	9	1,724	0	624	456	771
		98+00	29	40	20	0	12	56	22	0	13	1,780	0	638	466	805
		98+50	50	36	20	0	12	70	37	0	22	1,850	0	662	484	838
		99+00	50	29	20	0	12	61	37	0	22	1,911	0	686	502	862
		99+50	50	30	20	0	12	55	37	0	22	1,966	0	711	520	880
		100+00	50	37	20	0	12	62	37	1	22	2,028	1	735	538	904
		100+09	9	58	20	0	12	16	7	0	4	2,044	1	739	541	913
		100+50	41	34	20	0	12	70	30	0	18	2,114	1	759	555	953
		100+77	27	37	20	0	12	35	20	0	12	2,149	1	772	565	968
		101+00	23	42	20	0	12	34	17	0	10	2,183	1	783	573	985
		101+26	26	86	20	0	12	62	19	0	12	2,245	1	796	583	1,028

LATHROP AVENUE

CATEGORY	STAGE	REFERENCE LINE STATION	DISTANCE (FT)	AREA (SF) CUT	AREA (SF) SALVAGED/UNUSABLE PAVEMENT MATERIAL	AREA (SF) FILL	AREA (SF) EBS	INCREMENTAL VOL (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOL (CY) (UNADJUSTED) SALVAGED/UNUSABLE PAVEMENT MATERIAL NOTE 2	INCREMENTAL VOL (CY) (UNADJUSTED) FILL NOTE 3	INCREMENTAL VOL (CY) (UNADJUSTED) EBS	CUMULATIVE VOL (CY) CUT NOTE 1	CUMULATIVE VOL (CY) EXPANDED FILL 1.15	CUMULATIVE VOL (CY) EXPANDED EBS BACKFILL 1.10 NOTE 5	CUMULATIVE VOL (CY) REDUCED EBS IN FILL 0.80 NOTE 7	CUMULATIVE VOL (CY) MASS ORDINATE NOTE 8
0010	1	101+35	9	92	20	0	12	30	7	0	4	2,275	1	801	586	1,051
		101+50	15	53	20	0	12	40	11	0	7	2,315	1	809	592	1,080
		101+76	26	39	20	0	12	45	20	0	12	2,360	1	822	602	1,105
		102+00	24	35	20	0	12	32	17	0	10	2,392	1	833	610	1,120
		102+18	18	38	20	0	12	25	13	0	8	2,417	1	842	616	1,132
		102+50	32	33	20	0	12	42	24	0	14	2,459	1	857	627	1,150
		102+57	7	37	20	0	12	9	5	0	3	2,468	1	860	629	1,154
		102+96	38	50	20	0	12	62	28	0	17	2,530	1	879	643	1,188
		103+00	4	34	20	0	12	7	3	0	2	2,537	1	881	645	1,192
		103+36	36	55	20	0	12	59	26	0	16	2,596	1	899	658	1,225
		103+50	14	34	20	0	12	24	11	0	6	2,620	1	905	663	1,238
		104+00	50	40	20	0	12	68	37	0	22	2,688	1	930	681	1,269
		104+50	50	31	20	0	12	65	37	0	22	2,753	1	954	699	1,297
		105+00	50	35	20	0	12	61	37	0	22	2,814	1	978	717	1,321
		105+17	17	39	20	0	12	23	12	0	7	2,837	1	986	723	1,332
		105+50	33	36	20	0	12	47	25	0	15	2,884	1	1,002	735	1,354
		105+53	3	36	20	0	12	4	2	0	1	2,888	1	1,003	736	1,356
		105+94	41	45	20	0	12	62	30	0	18	2,950	1	1,023	750	1,388
		106+00	6	45	20	0	12	10	5	0	3	2,960	1	1,026	752	1,393
		106+27	27	37	20	0	12	41	20	0	12	3,001	1	1,040	762	1,414
		106+50	23	37	20	1	12	32	17	0	10	3,033	1	1,051	770	1,429
		106+57	7	44	20	0	12	10	5	0	3	3,043	1	1,054	772	1,434
		106+96	39	44	20	0	12	65	29	0	17	3,108	1	1,073	786	1,470
		107+00	4	36	20	1	12	6	3	0	2	3,114	1	1,075	788	1,473
		107+37	37	36	20	0	12	49	27	0	16	3,163	1	1,092	801	1,495
		107+50	13	31	20	0	12	16	10	0	6	3,179	1	1,099	806	1,501
		107+68	18	31	20	0	12	21	14	0	8	3,200	1	1,108	812	1,508
		108+00	32	36	20	0	12	39	23	0	14	3,239	1	1,123	823	1,524
		108+12	12	45	20	0	12	17	9	0	5	3,256	1	1,129	827	1,532
		108+50	38	34	20	0	12	56	28	0	17	3,312	1	1,147	841	1,560
		109+00	50	29	20	0	12	58	37	0	22	3,370	1	1,172	859	1,581
		109+50	50	28	20	0	12	53	37	0	22	3,423	1	1,196	877	1,597
		109+89	39	34	20	0	12	44	29	0	17	3,467	1	1,214	891	1,612
		110+00	11	34	20	0	12	14	8	0	5	3,481	1	1,220	895	1,618
		110+39	39	33	20	0	12	49	29	0	17	3,530	1	1,239	909	1,638
		110+50	11	33	20	0	12	13	8	0	5	3,543	1	1,244	913	1,643
		110+69	19	38	20	0	12	25	14	0	8	3,568	1	1,253	919	1,654
		110+85	16	37	20	1	12	22	12	0	7	3,590	1	1,261	925	1,664
		110+95	10	46	20	0	12	16	8	0	5	3,606	1	1,266	929	1,672
		111+00	5	47	20	0	12	8	4	0	2	3,614	1	1,268	931	1,676
		111+40	40	48	20	0	12	69	29	0	18	3,683	1	1,288	945	1,716
		111+50	10	39	20	1	12	17	8	0	5	3,700	1	1,294	949	1,725
		112+00	50	37	20	0	12	70	37	1	22	3,770	2	1,318	967	1,757
		112+16	16	49	20	0	12	26	12	0	7	3,796	2	1,326	973	1,771
		112+50	34	35	20	0	12	52	25	0	15	3,848	2	1,342	985	1,798
		112+61	11	40	20	0	12	16	8	0	5	3,864	2	1,348	989	1,806
		113+00	39	37	20	0	12	55	29	0	17	3,919	2	1,366	1,003	1,832
		113+39	39	66	20	0	12	75	29	0	17	3,994	2	1,385	1,017	1,878
		113+50	11	38	20	0	12	21	8	0	5	4,015	2	1,390	1,021	1,891
		113+77	27	46	20	0	12	42	20	0	12	4,057	2	1,404	1,031	1,913
		114+00	23	34	20	0	12	34	17	0	10	4,091	2	1,415	1,039	1,930
		114+50	50	33	20	0	12	62	37	0	22	4,153	2	1,439	1,057	1,955
		115+00	50	32	20	0	12	61	37	0	22	4,214	2	1,463	1,075	1,979
		115+50	50	26	20	0	12	54	37	0	22	4,268	2	1,487	1,093	1,996
		116+00	50	35	20	0	12	56	37	0	22	4,324	2	1,511	1,111	2,015
		116+50	50	41	20	0	12	70	37	0	22	4,394	2	1,536	1,129	2,048
		117+00	50	43	20	0	12	78	37	0	22	4,472	2	1,560	1,147	2,089
		117+50	50	40	20	0	12	77	37	0	22	4,549	2	1,584	1,165	2,129
		118+00	50	38	20	0	12	72	37	0	22	4,621	2	1,608	1,183	2,164
		118+31	31	58	20	0	12	54	23	0	14	4,675	2	1,624	1,194	2,195

LATHROP AVENUE

CATEGORY	STAGE	REFERENCE LINE STATION	DISTANCE (FT)	AREA (SF) CUT	AREA (SF) SALVAGED/UNUSABLE PAVEMENT MATERIAL	AREA (SF) FILL	AREA (SF) EBS	INCREMENTAL VOL (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOL (CY) (UNADJUSTED) SALVAGED/UNUSABLE PAVEMENT MATERIAL NOTE 2	INCREMENTAL VOL (CY) (UNADJUSTED) FILL NOTE 3	INCREMENTAL VOL (CY) (UNADJUSTED) EBS	CUMULATIVE VOL (CY) CUT NOTE 1	CUMULATIVE VOL (CY) EXPANDED FILL 1.15	CUMULATIVE VOL (CY) EXPANDED EBS BACKFILL 1.10 NOTE 5	CUMULATIVE VOL (CY) REDUCED EBS IN FILL 0.80 NOTE 7	CUMULATIVE VOL (CY) MASS ORDINATE NOTE 8
0010	1	118+50	19	40	20	0	12	35	14	0	9	4,710	2	1,634	1,201	2,216
		119+00	50	41	20	0	12	75	37	0	22	4,785	2	1,658	1,219	2,254
		119+50	50	44	20	0	12	78	37	0	22	4,863	2	1,682	1,237	2,295
		120+00	50	31	20	0	12	69	37	0	22	4,932	2	1,706	1,255	2,327
		120+34	34	35	20	0	12	42	25	0	15	4,974	2	1,723	1,267	2,344
		120+40	6	35	20	0	12	7	4	0	2	4,981	2	1,725	1,269	2,347
		120+50	10	28	20	1	12	12	8	0	5	4,993	2	1,730	1,273	2,351
		120+68	18	37	20	0	12	21	13	0	8	5,014	2	1,739	1,279	2,359
		120+80	12	39	20	0	12	17	9	0	5	5,031	2	1,745	1,283	2,367
						COLUMN TOTALS		5,031	2,662	2	1,586	5,031	2	1,745	1,283	2,367

NOTES:

1. CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
2. THIS DOES NOT SHOW UP IN CROSS SECTIONS
3. DOES NOT INCLUDE UNUSABLE PAVEMENT EXCAVATION VOLUME
5. WILL BE BACKFILLED WITH BASE AGGREGATE DENSE 1 1/4-INCH
7. REDUCED EBS EXCAVATION THAT CAN BE USED IN FILL

LATHROP AVENUE

CATEGORY	STAGE	REFERENCE LINE STATION	DISTANCE (FT)	AREA (SF) CUT	AREA (SF) SALVAGED/UNUSABLE PAVEMENT MATERIAL	AREA (SF) FILL	AREA (SF) EBS	INCREMENTAL VOL (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOL (CY) (UNADJUSTED) SALVAGED/UNUSABLE PAVEMENT MATERIAL NOTE 2	INCREMENTAL VOL (CY) (UNADJUSTED) FILL NOTE 3	INCREMENTAL VOL (CY) (UNADJUSTED) EBS	CUMULATIVE VOL (CY) CUT NOTE 1	CUMULATIVE VOL (CY) EXPANDED FILL 1.15	CUMULATIVE VOL (CY) EXPANDED EBS BACKFILL 1.10 NOTE 5	CUMULATIVE VOL (CY) REDUCED EBS IN FILL 0.80 NOTE 7	CUMULATIVE VOL (CY) MASS ORDINATE NOTE 8
0010	2	84+85 BA, AH		29	20	0	16	0	0	0	0	0	0	0		0
		85+00	15	31	20	0	16	17	11	0	9	17	0	10	7	6
		85+50	50	31	20	0	16	57	38	0	30	74	0	43	31	25
		86+00	50	37	20	0	16	62	38	0	30	136	0	76	55	49
		86+33	33	37	20	0	16	45	25	0	20	181	0	98	71	69
		86+50	17	37	20	0	16	23	13	0	10	204	0	109	79	79
		86+91	41	50	20	0	16	66	31	0	24	270	0	135	98	114
		86+92	1	50	20	0	16	2	1	0	1	272	0	136	99	115
		87+00	8	38	20	0	16	13	6	0	5	285	0	142	103	122
		87+41	41	40	20	0	16	60	31	0	24	345	0	168	122	151
		87+47	6	64	20	0	16	11	4	0	3	356	0	172	124	158
		87+50	3	64	20	0	16	7	2	0	2	363	0	174	126	163
		87+92	42	41	20	0	16	83	32	0	25	446	0	201	146	214
		88+00	8	64	20	0	16	15	6	0	5	461	0	207	150	223
		88+03	3	64	20	0	16	6	2	0	2	467	0	209	152	227
		88+45	42	39	20	0	16	81	32	0	25	548	0	237	172	276
		88+50	5	42	20	0	16	7	4	0	3	555	0	240	174	279
		88+62	12	64	20	0	16	24	9	0	7	579	0	248	180	294
		89+00	38	37	20	0	16	71	29	0	23	650	0	273	198	336
		89+16	16	64	20	0	16	29	12	0	9	679	0	283	205	353
		89+50	34	38	20	0	16	65	26	0	20	744	0	305	221	392
		89+53	3	38	20	0	16	4	2	0	1	748	0	306	222	394
		89+71	18	61	20	0	16	33	14	0	11	781	0	318	231	413
		90+00	29	38	20	0	16	54	22	0	17	835	0	337	245	445
		90+06	6	38	20	0	16	9	5	0	4	844	0	341	248	449
		90+33	26	66	20	0	16	51	20	0	16	895	0	359	261	480
		90+50	17	38	20	0	16	33	13	0	10	928	0	370	269	500
		90+92	42	63	20	0	16	78	32	0	25	1,006	0	397	289	546
		91+00	8	42	20	0	16	15	6	0	5	1,021	0	403	293	555
		91+50	50	47	20	0	16	82	38	0	30	1,103	0	436	317	599
		91+69	19	61	20	0	16	38	14	0	11	1,141	0	448	326	623
		92+00	31	40	20	0	16	58	23	0	18	1,199	0	468	340	658
		92+40	40	41	20	0	16	60	30	0	24	1,259	0	494	359	688
		92+50	10	61	20	0	16	19	8	0	6	1,278	0	501	364	699
		92+52	2	61	20	0	16	4	1	0	1	1,282	0	502	365	702
		93+00	48	41	20	0	16	91	36	0	29	1,373	0	534	388	757
		93+13	13	66	20	0	16	26	10	0	8	1,399	0	542	394	773
		93+50	37	37	20	0	16	70	28	0	22	1,469	0	567	412	815
		94+00	50	29	20	0	16	61	38	0	30	1,530	0	600	436	838
		94+50	50	34	20	0	16	58	38	0	30	1,588	0	633	460	858
		95+00	50	39	20	0	16	68	38	0	30	1656	0	666	484	888
		95+50	50	38	20	0	16	71	38	0	30	1,727	0	699	508	921
		95+87	37	37	20	0	16	51	28	0	22	1,778	0	723	526	944
		96+00	13	37	20	0	16	18	10	0	8	1,796	0	732	532	952
		96+34	34	37	20	0	16	46	25	0	20	1,842	0	754	548	973
		96+50	16	37	20	0	16	22	12	0	10	1,864	0	765	556	983
		97+00	50	38	20	0	16	69	38	0	30	1,933	0	798	580	1,014
		97+11	11	38	20	0	16	16	9	0	7	1,949	0	805	586	1,021
		97+50	39	39	20	0	16	55	29	0	23	2,004	0	831	604	1,047
		97+71	21	40	20	0	16	31	16	0	12	2,035	0	844	614	1,062
		98+00	29	39	20	0	16	42	22	0	17	2,077	0	862	628	1,082
		98+50	50	36	20	0	16	69	38	0	30	2,146	0	895	652	1,113
		99+00	50	28	20	0	16	59	38	0	30	2,205	0	928	676	1,134
		99+50	50	33	20	0	16	56	38	0	30	2,261	0	961	700	1,152
		100+00	50	38	20	0	16	65	38	0	30	2,326	0	994	724	1,179
		100+09	9	37	20	0	16	12	7	0	5	2,338	0	1,000	728	1,184
		100+50	41	37	20	0	16	56	31	0	24	2,394	0	1,026	747	1,209
		100+77	27	37	20	0	16	37	20	0	16	2,431	0	1,044	760	1,226
		101+00	23	37	20	0	16	32	17	0	14	2,463	0	1,059	771	1,241
		101+26	26	38	20	0	16	36	20	0	15	2,499	0	1,076	783	1,257

LATHROP AVENUE

CATEGORY	STAGE	REFERENCE LINE STATION	DISTANCE (FT)	AREA (SF) CUT	AREA (SF) SALVAGED/UNUSABLE PAVEMENT MATERIAL	AREA (SF) FILL	AREA (SF) EBS	INCREMENTAL VOL (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOL (CY) (UNADJUSTED) SALVAGED/UNUSABLE PAVEMENT MATERIAL NOTE 2	INCREMENTAL VOL (CY) (UNADJUSTED) FILL NOTE 3	INCREMENTAL VOL (CY) (UNADJUSTED) EBS	CUMULATIVE VOL (CY) CUT NOTE 1	CUMULATIVE VOL (CY) EXPANDED FILL 1.15	CUMULATIVE VOL (CY) EXPANDED EBS BACKFILL 1.10 NOTE 5	CUMULATIVE VOL (CY) REDUCED EBS IN FILL 0.80 NOTE 7	CUMULATIVE VOL (CY) MASS ORDINATE NOTE 8
0010	2	101+35	9	39	20	0	16	13	7	0	5	2,512	0	1,081	787	1,263
		101+50	15	40	20	0	16	21	11	0	9	2,533	0	1,091	794	1,273
		101+76	26	39	20	0	16	38	20	0	16	2,571	0	1,109	807	1,291
		102+00	24	37	20	0	16	33	18	0	14	2,604	0	1,124	818	1,306
		102+18	18	37	20	0	16	25	14	0	11	2,629	0	1,136	827	1,317
		102+50	32	35	20	0	16	42	24	0	19	2,671	0	1,157	842	1,335
		102+57	7	35	20	0	16	9	5	0	4	2,680	0	1,162	845	1,339
		102+96	38	36	20	0	16	50	29	0	23	2,730	0	1,187	863	1,360
		103+00	4	36	20	0	16	6	3	0	3	2,736	0	1,190	865	1,363
		103+36	36	38	20	0	16	49	27	0	21	2,785	0	1,213	882	1,385
		103+50	14	58	20	0	16	26	11	0	9	2,811	0	1,223	889	1,400
		104+00	50	42	20	0	16	93	38	0	30	2,904	0	1,256	913	1,455
		104+50	50	31	20	0	16	68	38	0	30	2,972	0	1,289	937	1,485
		105+00	50	37	20	0	16	64	38	0	30	3,036	0	1,322	961	1,511
		105+17	17	40	20	0	16	24	12	0	10	3,060	0	1,333	969	1,523
		105+50	33	62	20	0	16	63	25	0	20	3,123	0	1,355	985	1,561
		105+53	3	61	20	0	16	7	2	0	2	3,130	0	1,357	987	1,566
		105+94	41	38	20	0	16	75	31	0	24	3,205	0	1,384	1,006	1,610
		106+00	6	38	20	0	16	9	5	0	4	3,214	0	1,388	1,009	1,614
		106+27	27	36	20	0	16	37	20	0	16	3,251	0	1,406	1,022	1,631
		106+50	23	36	20	0	16	31	17	0	14	3,282	0	1,421	1,033	1,645
		106+57	7	36	20	0	16	9	5	0	4	3,291	0	1,426	1,036	1,649
		106+96	39	34	20	0	16	51	30	0	23	3,342	0	1,451	1,054	1,670
		107+00	4	34	20	0	16	5	3	0	3	3,347	0	1,454	1,056	1,672
		107+37	37	34	20	0	16	46	28	0	22	3,393	0	1,478	1,074	1,690
		107+50	13	37	20	0	16	17	10	0	8	3,410	0	1,487	1,080	1,697
		107+68	18	37	20	0	16	25	14	0	11	3,435	0	1,499	1,089	1,708
		108+00	32	34	20	0	16	42	24	0	19	3,477	0	1,520	1,104	1,726
		108+12	12	35	20	0	16	15	9	0	7	3,492	0	1,528	1,110	1,732
		108+50	38	36	20	0	16	51	29	0	23	3,543	0	1,553	1,128	1,754
		109+00	50	30	20	0	16	62	38	0	30	3,605	0	1,586	1,152	1,778
		109+50	50	29	20	0	16	55	38	0	30	3,660	0	1,619	1,176	1,795
		109+89	39	52	20	0	16	58	29	0	23	3,718	0	1,645	1,194	1,824
		110+00	11	53	20	0	16	21	8	0	7	3,739	0	1,652	1,200	1,837
		110+39	39	52	20	0	16	76	29	0	23	3,815	0	1,678	1,218	1,884
		110+50	11	50	20	0	16	20	8	0	6	3,835	0	1,684	1,223	1,896
		110+69	19	36	20	0	16	30	14	0	11	3,865	0	1,696	1,232	1,912
		110+85	16	64	20	0	16	30	12	0	10	3,895	0	1,707	1,240	1,930
		110+95	10	40	20	0	16	20	8	0	6	3,915	0	1,714	1,245	1,942
		111+00	5	41	20	0	16	7	4	0	3	3,922	0	1,717	1,247	1,945
		111+40	40	41	20	0	16	60	30	0	23	3,982	0	1,742	1,265	1,975
		111+50	10	41	20	0	16	16	8	0	6	3,998	0	1,749	1,270	1,983
		112+00	50	41	20	0	16	76	38	0	30	4,074	0	1,782	1,294	2,021
		112+16	16	41	20	0	16	25	12	0	10	4,099	0	1,793	1,302	2,034
		112+50	34	39	20	0	16	50	25	0	20	4,149	0	1,815	1,318	2,059
		112+61	11	40	20	0	16	17	9	0	7	4,166	0	1,823	1,324	2,067
		113+00	39	40	20	0	16	57	29	0	23	4,223	0	1,848	1,342	2,095
		113+39	39	38	20	0	16	56	29	0	23	4,279	0	1,873	1,360	2,122
		113+50	11	37	20	0	16	15	8	0	6	4,294	0	1,880	1,365	2,129
		113+77	27	37	20	0	16	37	20	0	16	4,331	0	1,898	1,378	2,146
		114+00	23	37	20	0	16	31	17	0	13	4,362	0	1,912	1,388	2,160
		114+50	50	36	20	0	16	68	38	0	30	4,430	0	1,945	1,412	2,190
		115+00	50	35	20	0	16	66	38	0	30	4,496	0	1,978	1,436	2,218
		115+50	50	29	20	0	16	59	38	0	30	4,555	0	2,011	1,460	2,239
		116+00	50	37	20	0	16	61	38	0	30	4,616	0	2,044	1,484	2,262
		116+50	50	43	20	0	16	75	38	0	30	4,691	0	2,077	1,508	2,299
		117+00	50	45	20	0	16	82	38	0	30	4,773	0	2,110	1,532	2,343
		117+50	50	44	20	0	16	83	38	0	30	4,856	0	2,143	1,556	2,388
		118+00	50	42	20	0	16	80	38	0	30	4,936	0	2,176	1,580	2,430
		118+31	31	40	20	0	16	47	23	0	18	4,983	0	2,196	1,594	2,454

LATHROP AVENUE

CATEGORY	STAGE	REFERENCE LINE STATION	DISTANCE (FT)	AREA (SF) CUT	AREA (SF) SALVAGED/UNUSABLE PAVEMENT MATERIAL	AREA (SF) FILL	AREA (SF) EBS	INCREMENTAL VOL (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOL (CY) (UNADJUSTED) SALVAGED/UNUSABLE PAVEMENT MATERIAL NOTE 2	INCREMENTAL VOL (CY) (UNADJUSTED) FILL NOTE 3	INCREMENTAL VOL (CY) (UNADJUSTED) EBS	CUMULATIVE VOL (CY) CUT NOTE 1	CUMULATIVE VOL (CY) EXPANDED FILL 1.15	CUMULATIVE VOL (CY) EXPANDED EBS BACKFILL 1.10 NOTE 5	CUMULATIVE VOL (CY) REDUCED EBS IN FILL 0.80 NOTE 7	CUMULATIVE VOL (CY) MASS ORDINATE NOTE 8
0010	2	118+50	19	38	20	0	16	28	15	0	11	5,011	0	2,208	1,603	2,467
		119+00	50	38	20	0	16	70	38	0	30	5,081	0	2,241	1,627	2,499
		119+50	50	40	20	0	16	72	38	0	30	5,153	0	2,274	1,651	2,533
		120+00	50	31	20	0	16	65	38	0	30	5,218	0	2,307	1,675	2,560
		120+34	34	29	20	0	16	38	26	0	20	5,256	0	2,329	1,691	2,572
		120+40	6	28	20	0	16	6	4	0	3	5,262	0	2,332	1,693	2,574
		120+50	10	26	20	0	16	11	8	0	6	5,273	0	2,339	1,698	2,577
		120+68	18	27	20	0	16	18	13	0	10	5,291	0	2,350	1,706	2,582
		120+80	12	29	20	0	16	13	9	0	7	5,304	0	2,357	1,712	2,586
						COLUMN TOTALS		5,304	2,718	0	2,143	5,304	0	2,357	1,712	2,586

NOTES:

1. CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
2. THIS DOES NOT SHOW UP IN CROSS SECTIONS
3. DOES NOT INCLUDE UNUSABLE PAVEMENT EXCAVATION VOLUME
5. WILL BE BACKFILLED WITH BASE AGGREGATE DENSE 1 1/4-INCH
7. REDUCED EBS EXCAVATION THAT CAN BE USED IN FILL

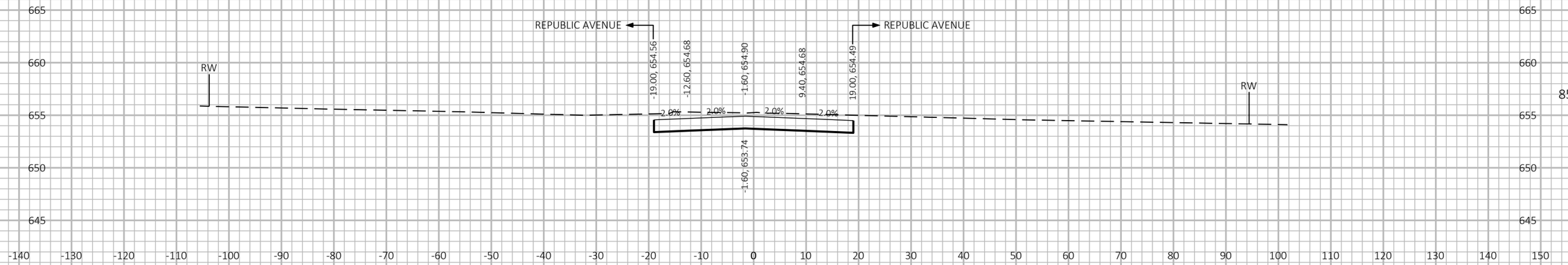
LATHROP STREET SIDEROADS

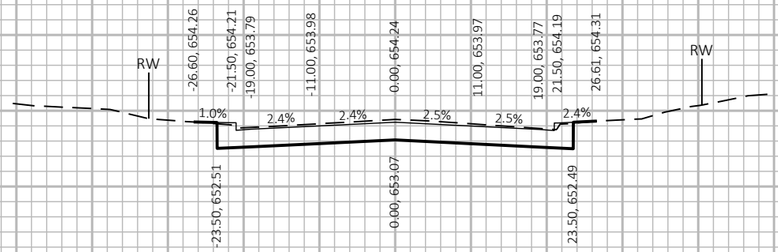
CATEGORY	STAGE	REFERENCE LINE STATION	VOLUME (CF) CUT	VOLUME (CY) CUT
0010	1			
		11+00 A - 11+30.78 A	1414	52
		10+95.01 B - 11+30.97 B	1703	63
		11+00 C - 11+31 C	1475	55
		11+80 D - 12+31 D	2804	104
		11+05 E - 11+31 E	1287	48
		11+50 F - 12+31 F	4759	176
		10+75 G - 11+31 G	2496	92
		TOTAL	15938	590

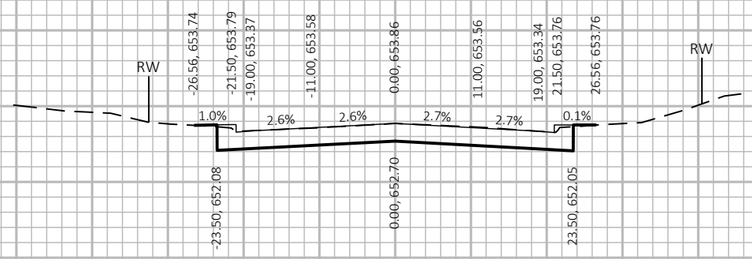
CATEGORY	STAGE	REFERENCE LINE STATION	VOLUME (CF) CUT	VOLUME (CY) CUT
0010	2			
		11+69.02 A - 12+00 A	1414	52
		11+69.03 C - 12+00.06 C	1463	54
		12+69 D - 13+30 D	3254	121
		11+69 E - 12+00 E	1413	52
		12+69 F - 13+60 F	5197	192
		11+69 G - 12+00 G	1397	52
		TOTAL	14138	524

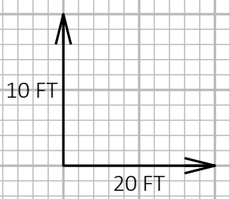
NOTES:

1. CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL







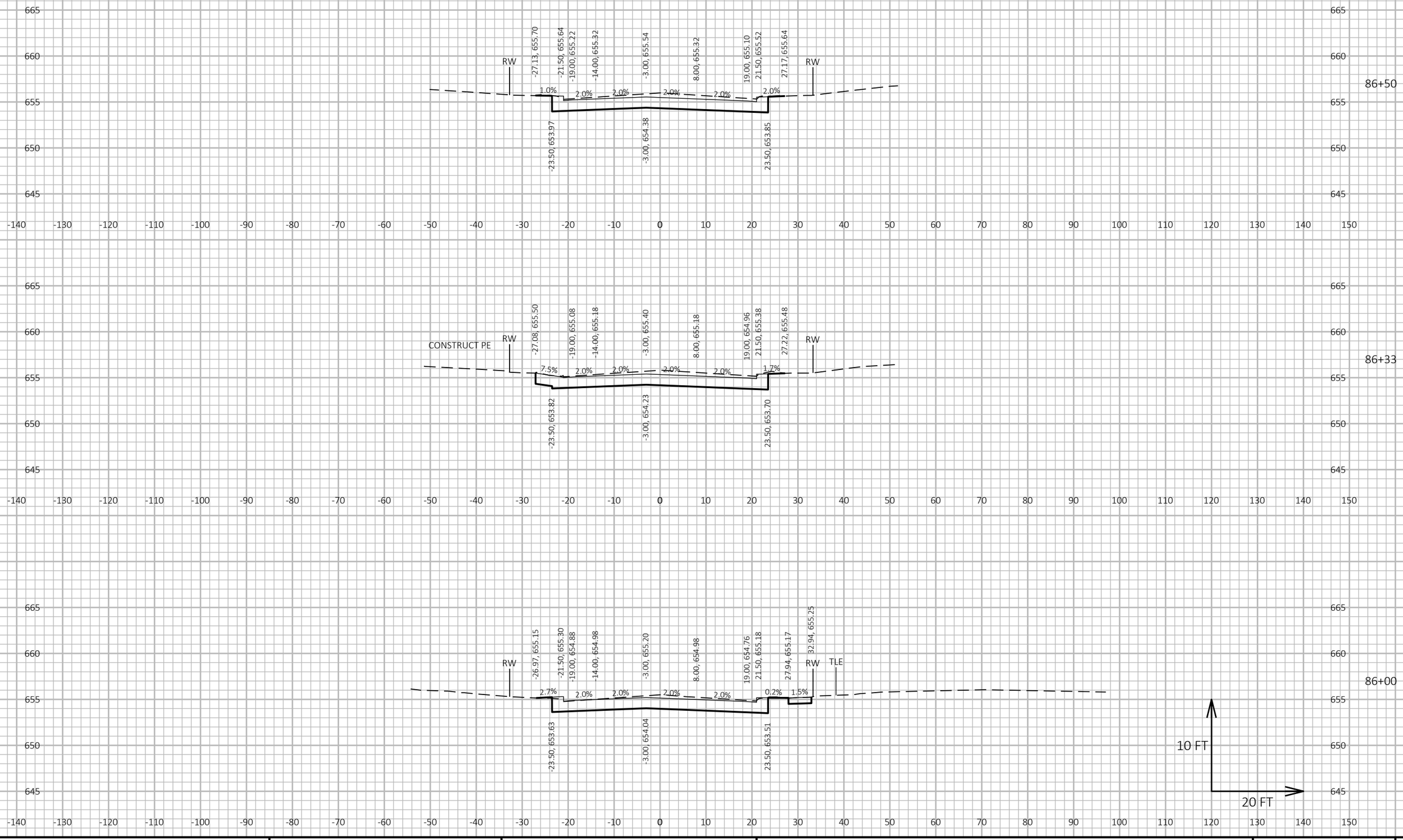


9

9

PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	CROSS SECTIONS: CROSS SECTIONS	SHEET 265	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\090201-XS.DWG
LAYOUT NAME - 090201_xs
PLOT DATE : 8/4/2026 4:07 PM
PLOT BY : WRIGHT, BRANDON
PLOT NAME :
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.
WISDOT/CADDS SHEET 49



9

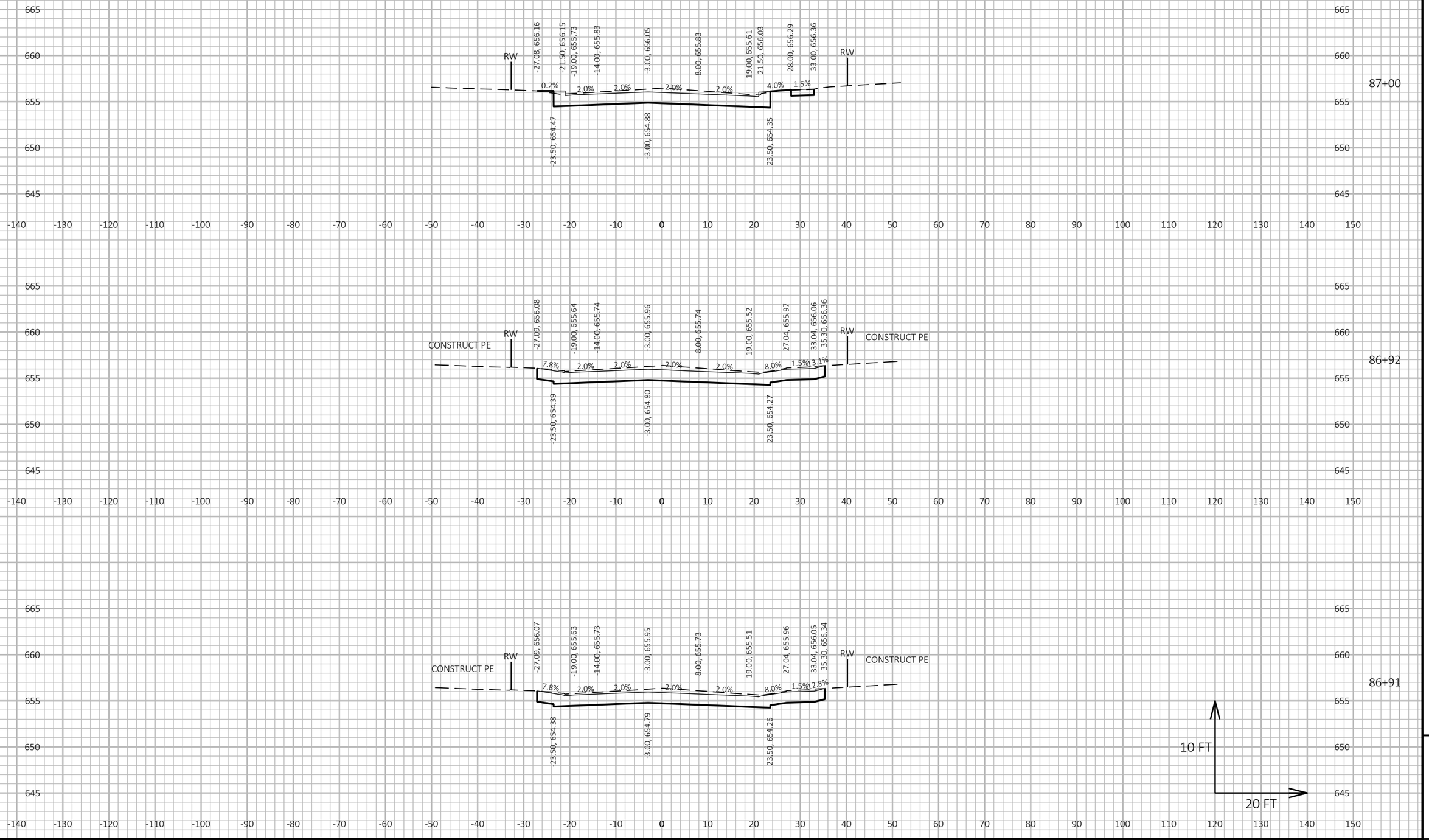
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PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	CROSS SECTIONS: CROSS SECTIONS	SHEET 266	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\090201-XS.DWG
LAYOUT NAME - 090202_xs

PLOT DATE : 8/4/2026 4:07 PM PLOT BY : WRIGHT, BRANDON PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

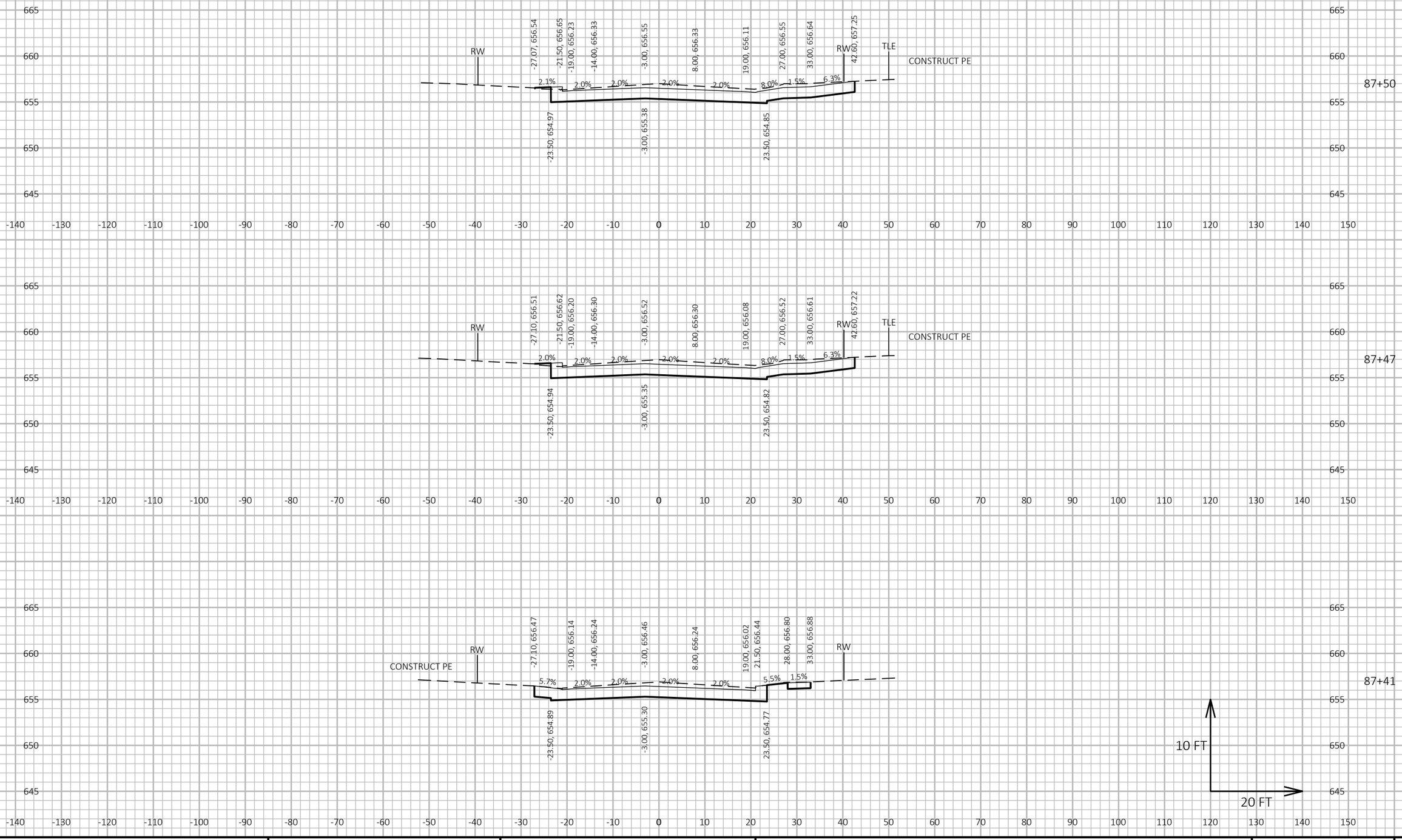
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PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	CROSS SECTIONS: CROSS SECTIONS	SHEET 267	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\090201-XS.DWG
LAYOUT NAME - 090203_xs

PLOT DATE : 8/4/2026 4:07 PM PLOT BY : WRIGHT, BRANDON PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

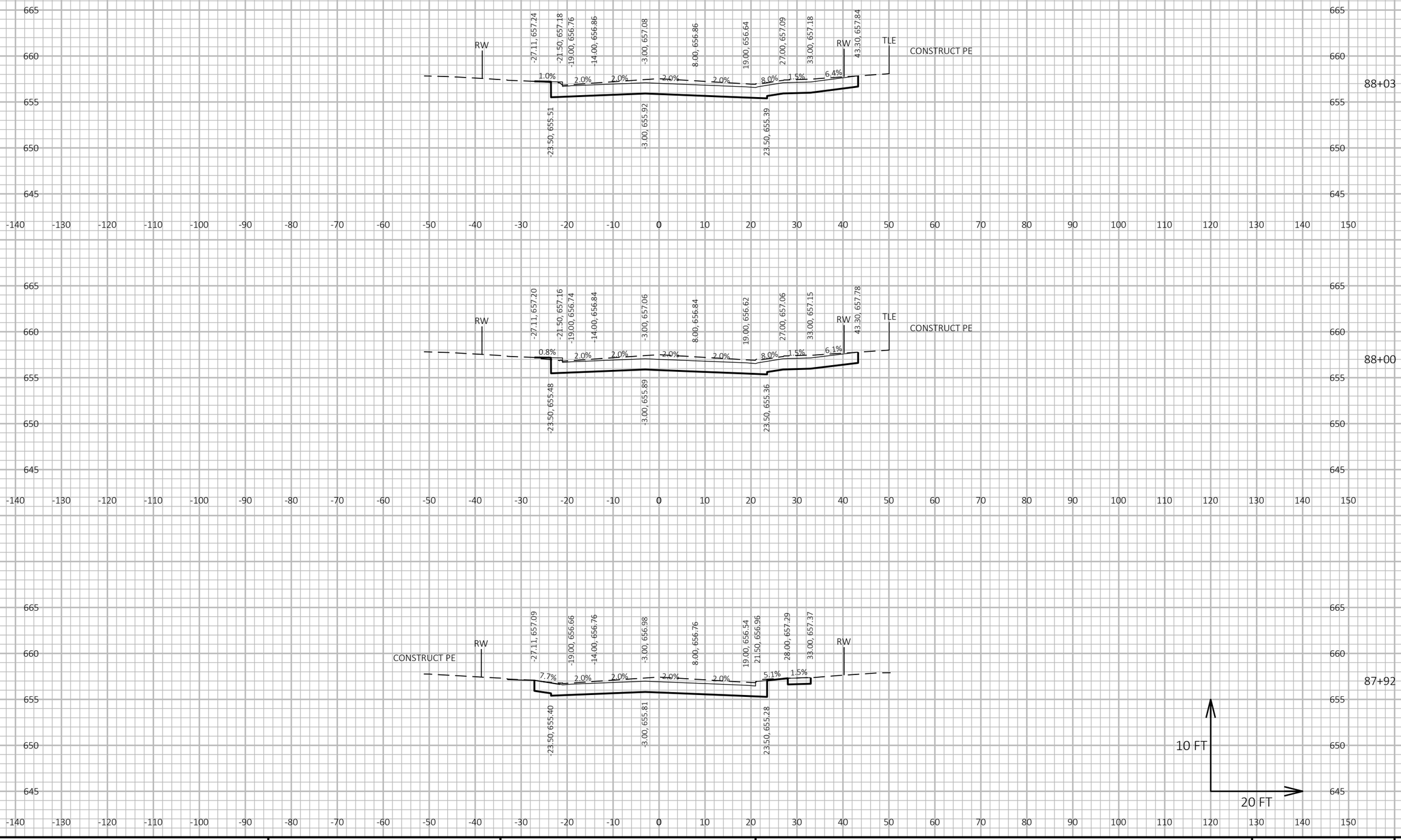
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PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	CROSS SECTIONS: CROSS SECTIONS	SHEET 268	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\090201-XS.DWG
LAYOUT NAME - 090204_xs

PLOT DATE : 8/4/2026 4:07 PM PLOT BY : WRIGHT, BRANDON PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

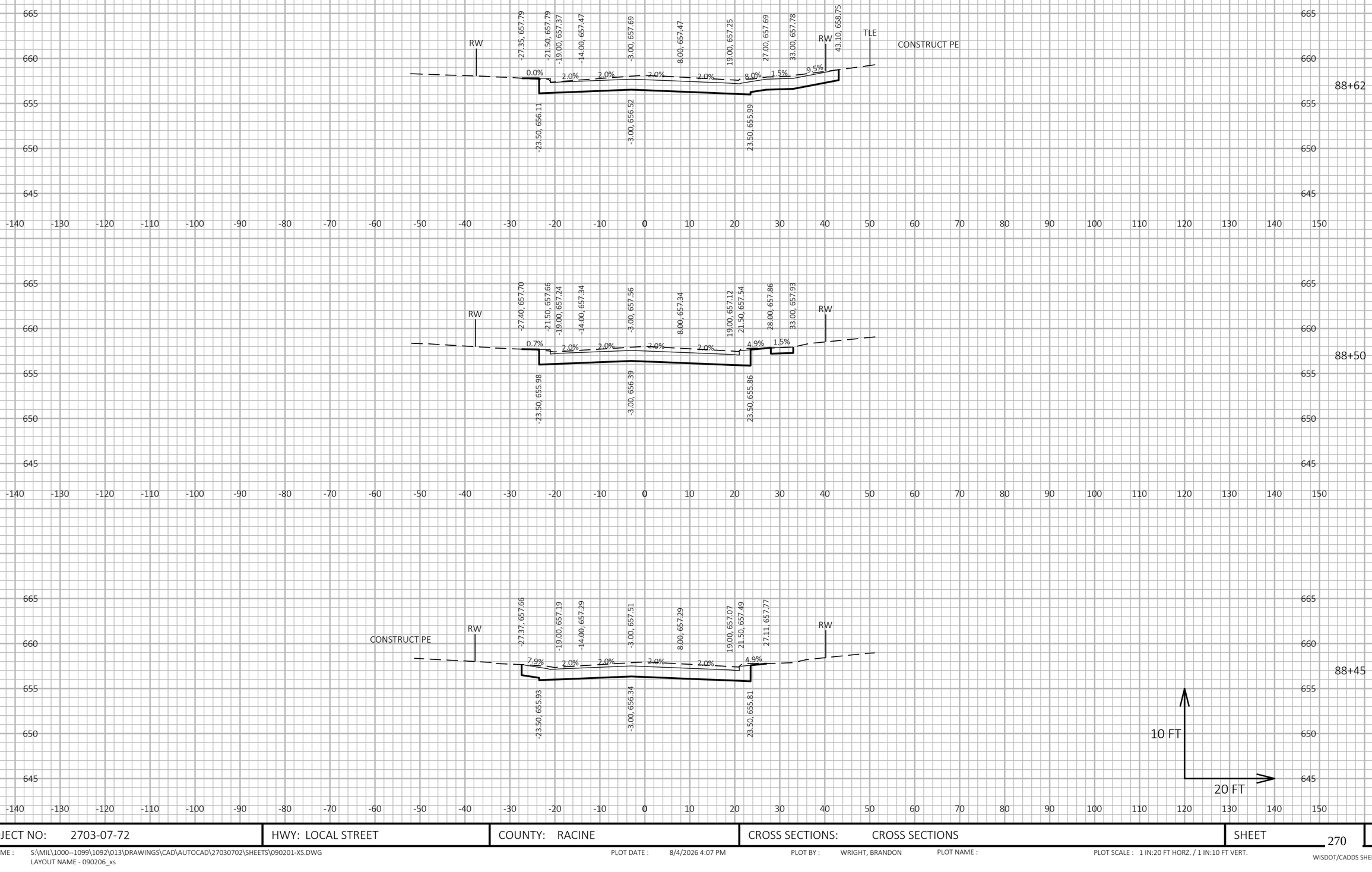
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PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	CROSS SECTIONS: CROSS SECTIONS	SHEET 269	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\090201-XS.DWG
LAYOUT NAME - 090205_xs

PLOT DATE : 8/4/2026 4:07 PM PLOT BY : WRIGHT, BRANDON PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

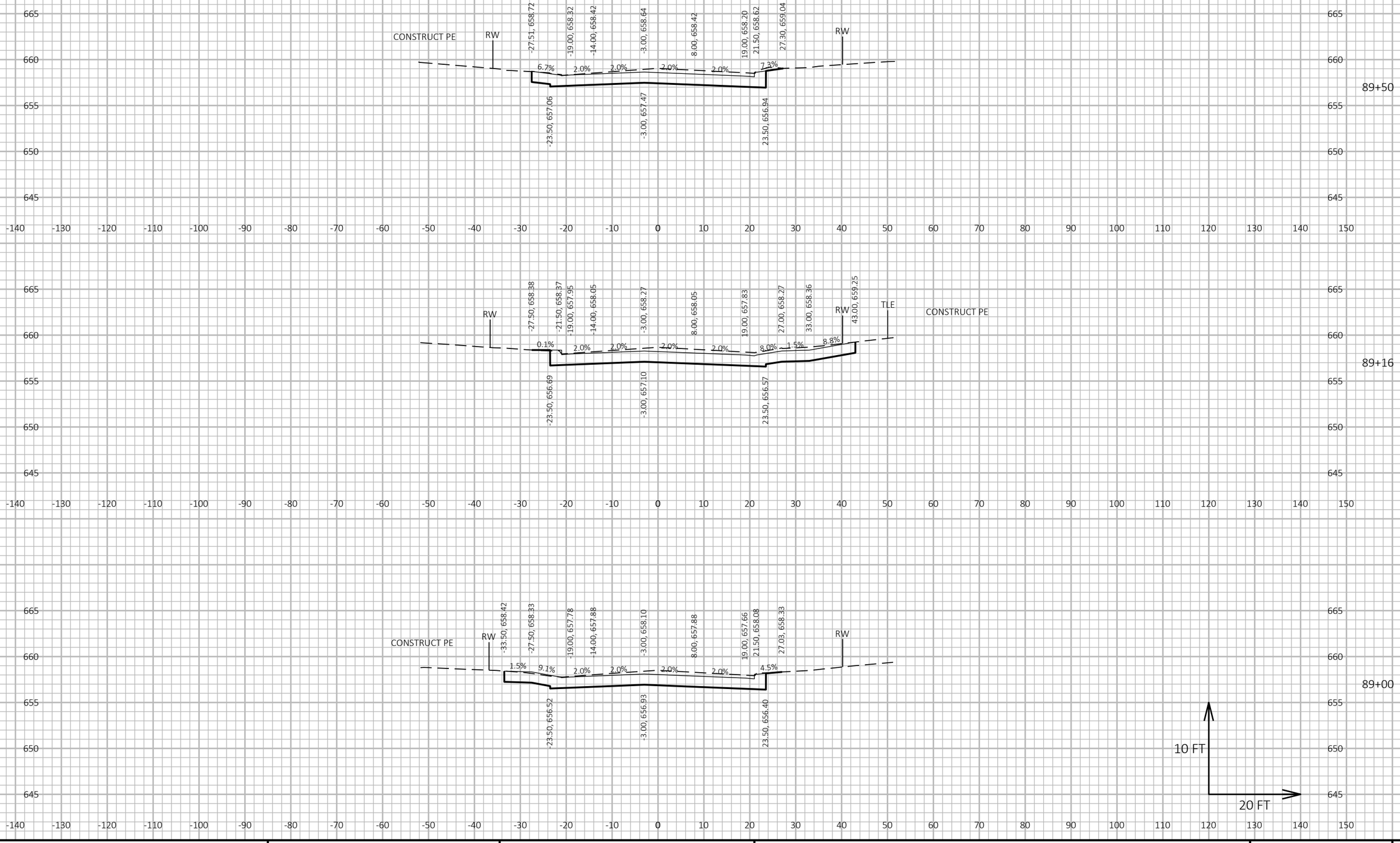
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PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	CROSS SECTIONS: CROSS SECTIONS	SHEET 270	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\090201-XS.DWG
LAYOUT NAME - 090206_xs

PLOT DATE : 8/4/2026 4:07 PM PLOT BY : WRIGHT, BRANDON PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

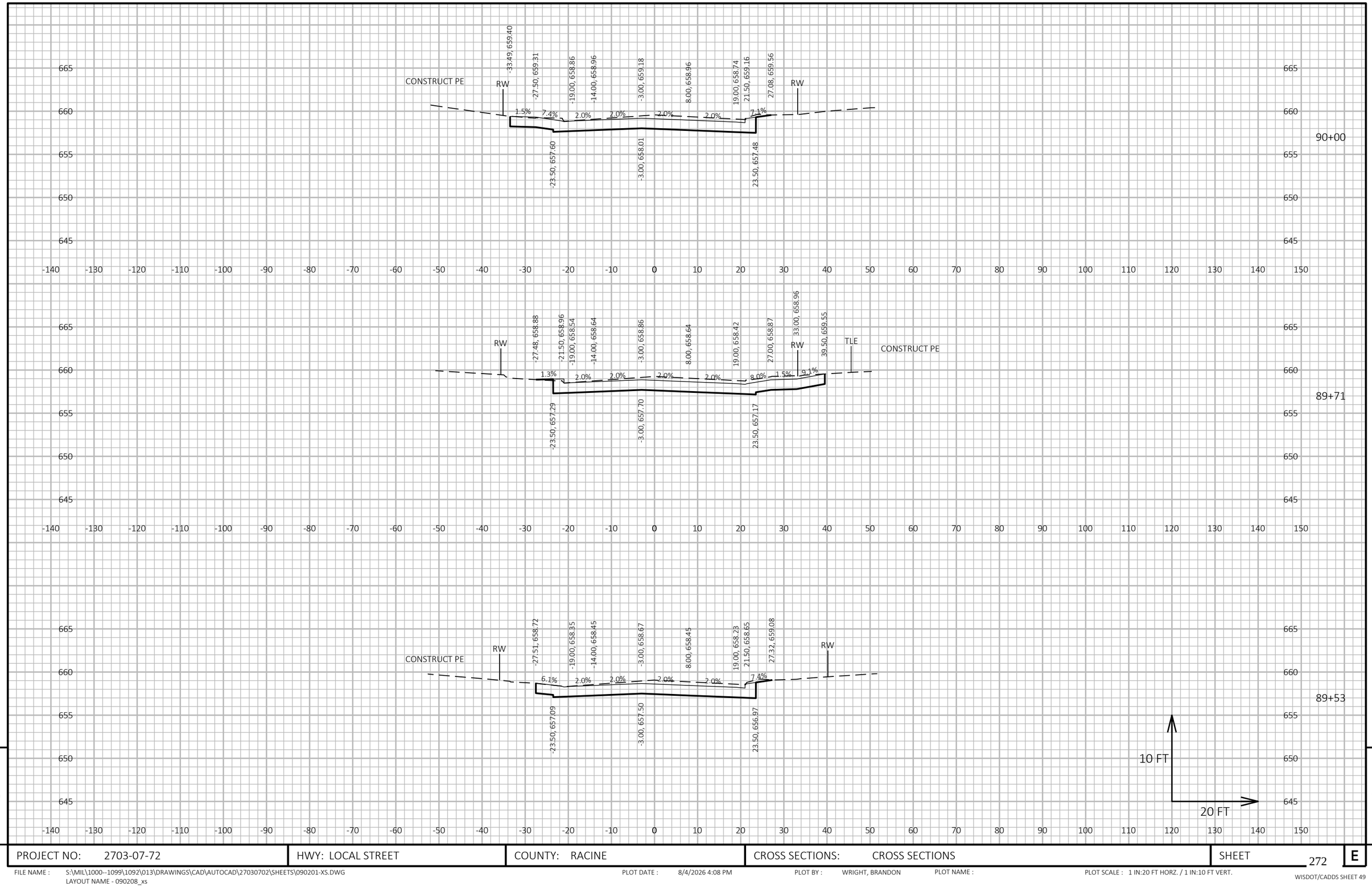
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PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	CROSS SECTIONS: CROSS SECTIONS	SHEET 271	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\090201-XS.DWG
LAYOUT NAME - 090207_xs

PLOT DATE : 8/4/2026 4:07 PM PLOT BY : WRIGHT, BRANDON PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

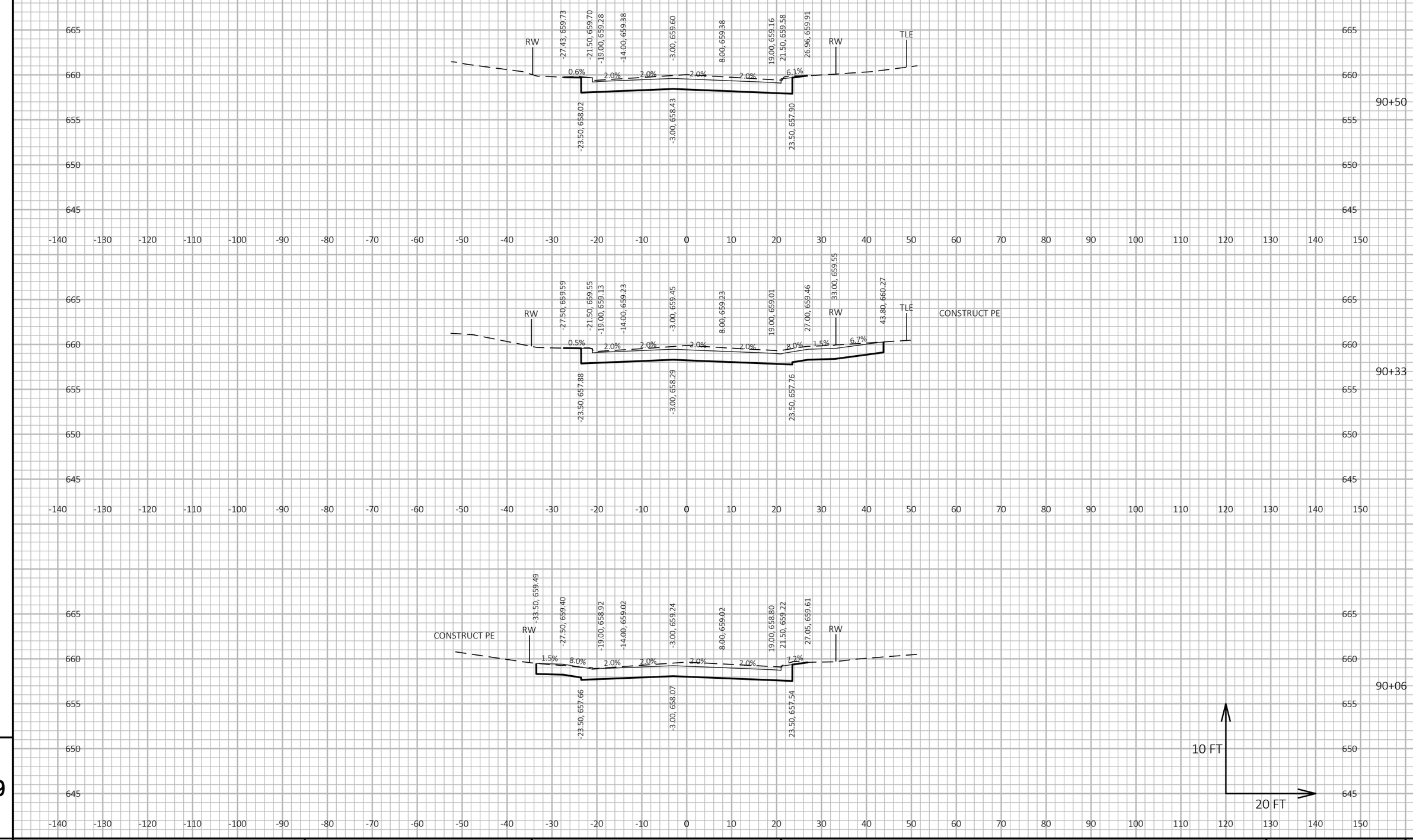
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PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	CROSS SECTIONS: CROSS SECTIONS	SHEET 272	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\090201-XS.DWG
LAYOUT NAME - 090208_xs

PLOT DATE : 8/4/2026 4:08 PM PLOT BY : WRIGHT, BRANDON PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

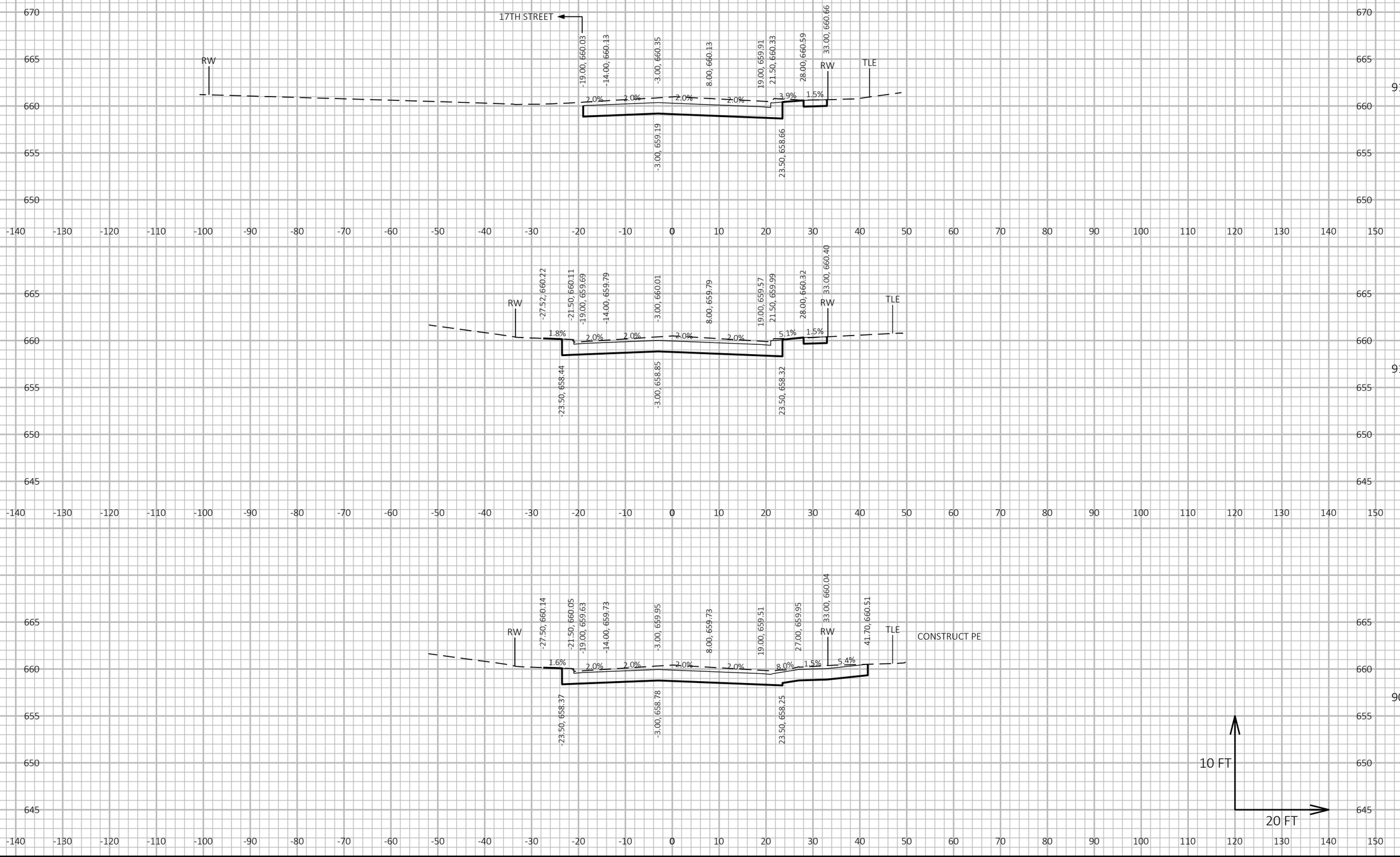


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9

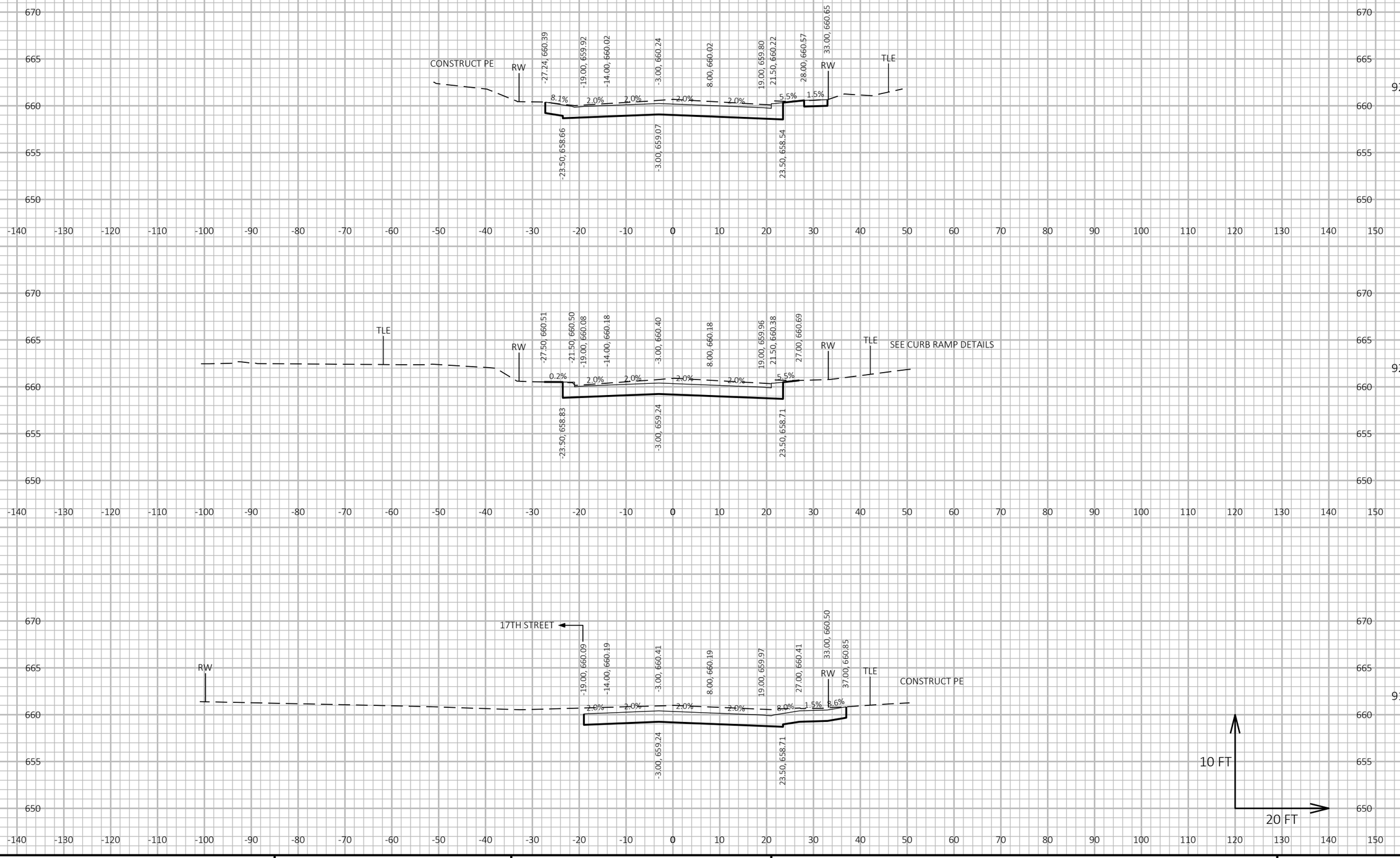
PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	CROSS SECTIONS: CROSS SECTIONS	SHEET 273	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\090201-XS.DWG
LAYOUT NAME - 090209_xs
PLOT DATE : 8/4/2026 4:08 PM
PLOT BY : WRIGHT, BRANDON
PLOT NAME :
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.
WISDOT/CADDS SHEET 49



PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	CROSS SECTIONS: CROSS SECTIONS	SHEET 274	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\090201-XS.DWG
LAYOUT NAME - 090210_xs
PLOT DATE : 8/4/2026 4:08 PM
PLOT BY : WRIGHT, BRANDON
PLOT NAME :
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.
WISDOT/CADDS SHEET 49



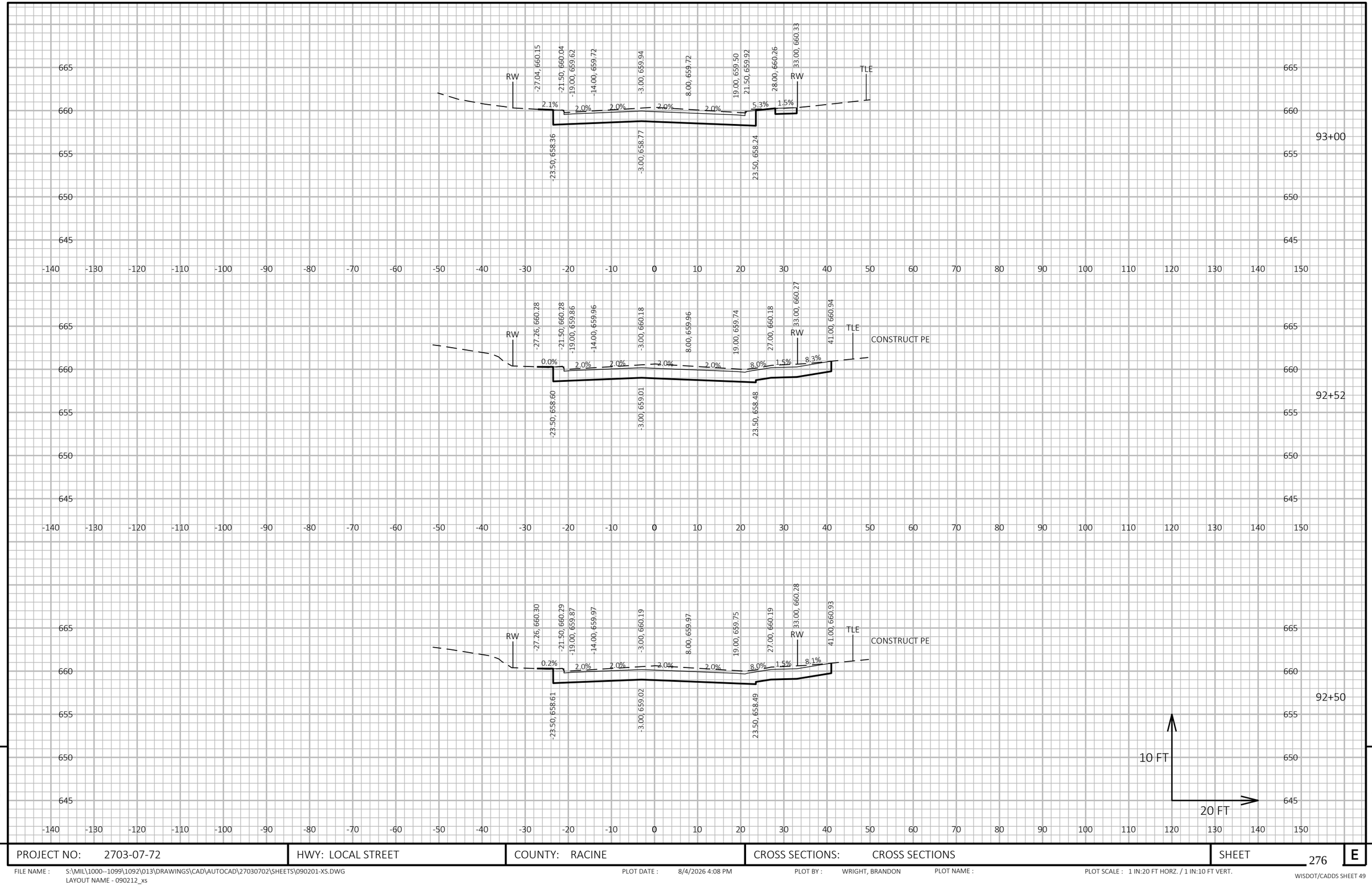
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PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	CROSS SECTIONS: CROSS SECTIONS	SHEET 275	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\090201-XS.DWG
LAYOUT NAME - 090211_xs

PLOT DATE : 8/4/2026 4:08 PM PLOT BY : WRIGHT, BRANDON PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.



9

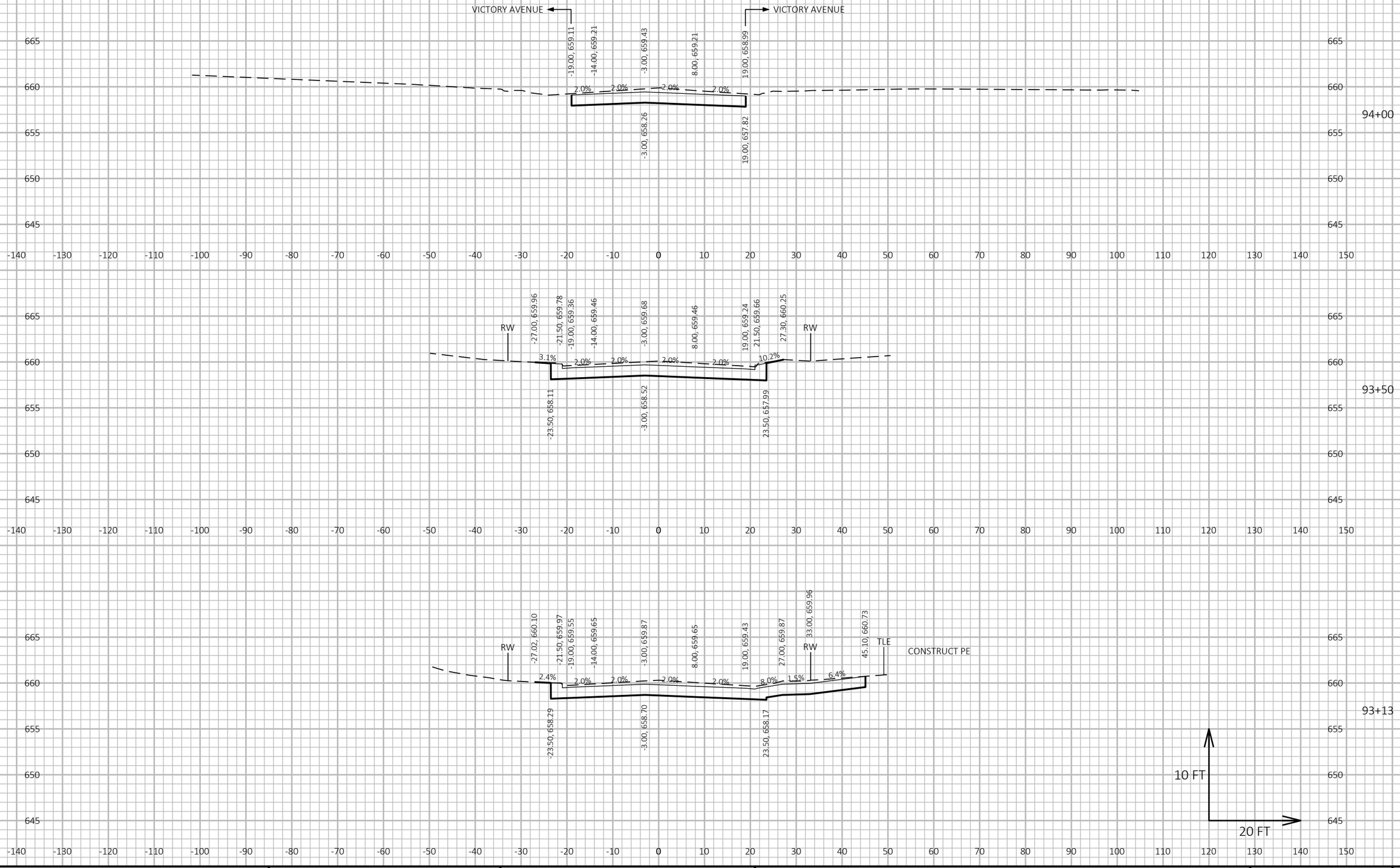
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PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	CROSS SECTIONS: CROSS SECTIONS	SHEET 276	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\090201-XS.DWG
LAYOUT NAME - 090212_xs

PLOT DATE : 8/4/2026 4:08 PM PLOT BY : WRIGHT, BRANDON PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

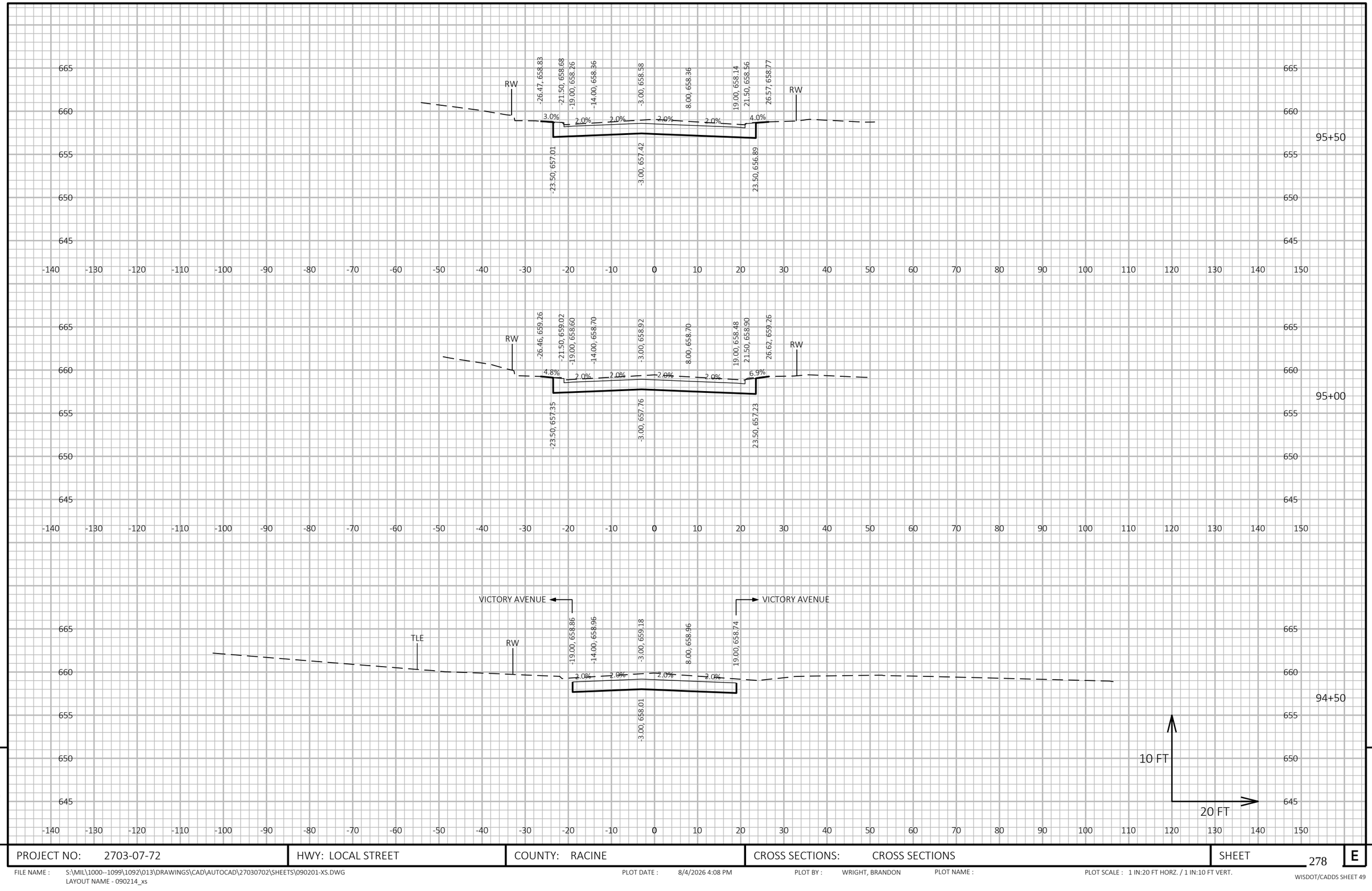


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PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	CROSS SECTIONS: CROSS SECTIONS	SHEET 277	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\090201-XS.DWG
LAYOUT NAME - 090213_xs
PLOT DATE : 8/4/2026 4:08 PM
PLOT BY : WRIGHT, BRANDON
PLOT NAME :
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.
WISDOT/CADDS SHEET 49



9

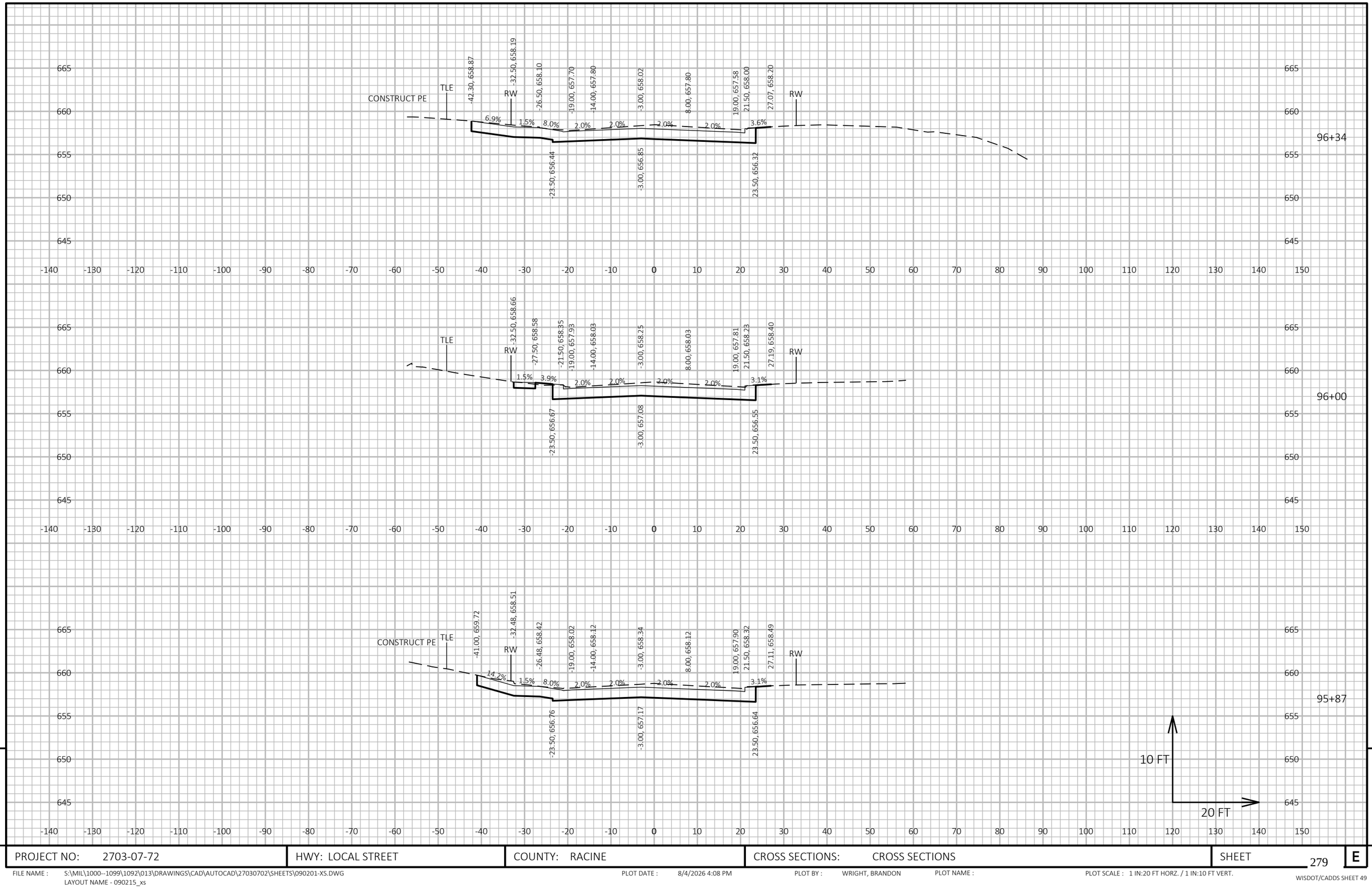
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PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	CROSS SECTIONS: CROSS SECTIONS	SHEET 278	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\090201-XS.DWG
LAYOUT NAME - 090214_xs

PLOT DATE : 8/4/2026 4:08 PM PLOT BY : WRIGHT, BRANDON PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

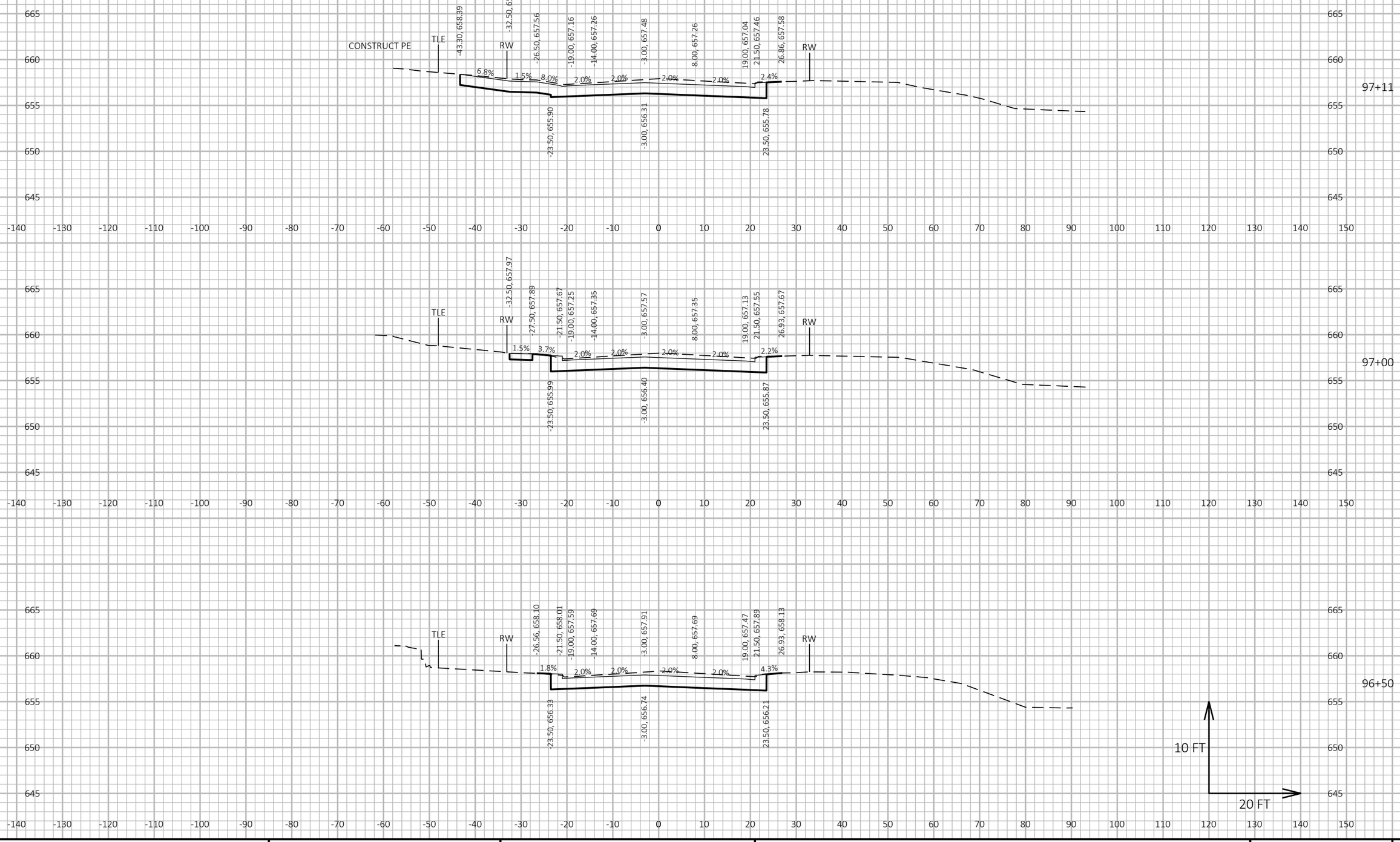
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PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	CROSS SECTIONS: CROSS SECTIONS	SHEET 279	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\090201-XS.DWG
LAYOUT NAME - 090215_xs

PLOT DATE : 8/4/2026 4:08 PM PLOT BY : WRIGHT, BRANDON PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

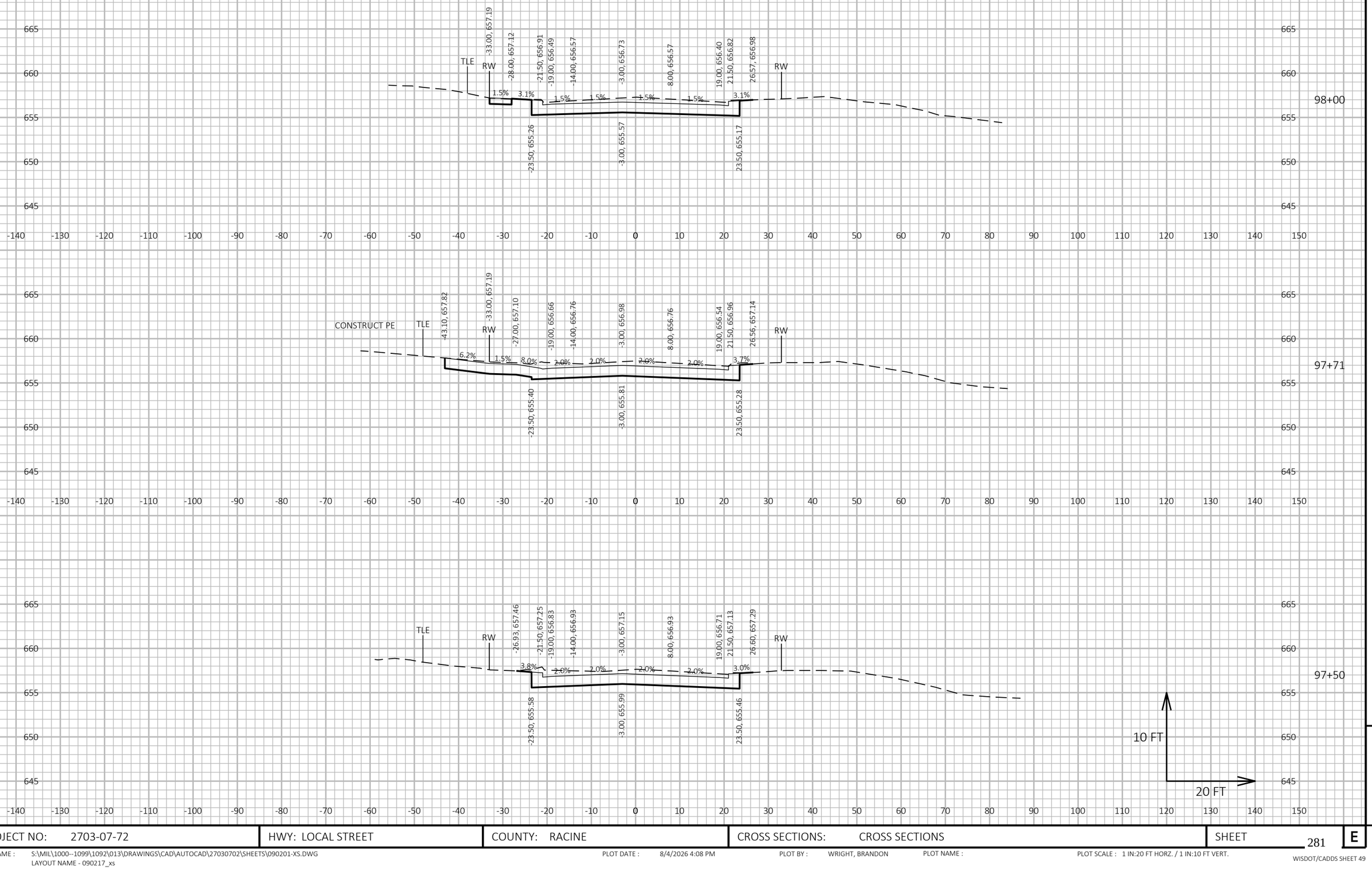
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PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	CROSS SECTIONS: CROSS SECTIONS	SHEET 280	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\090201-XS.DWG
LAYOUT NAME - 090216_xs

PLOT DATE : 8/4/2026 4:08 PM PLOT BY : WRIGHT, BRANDON PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



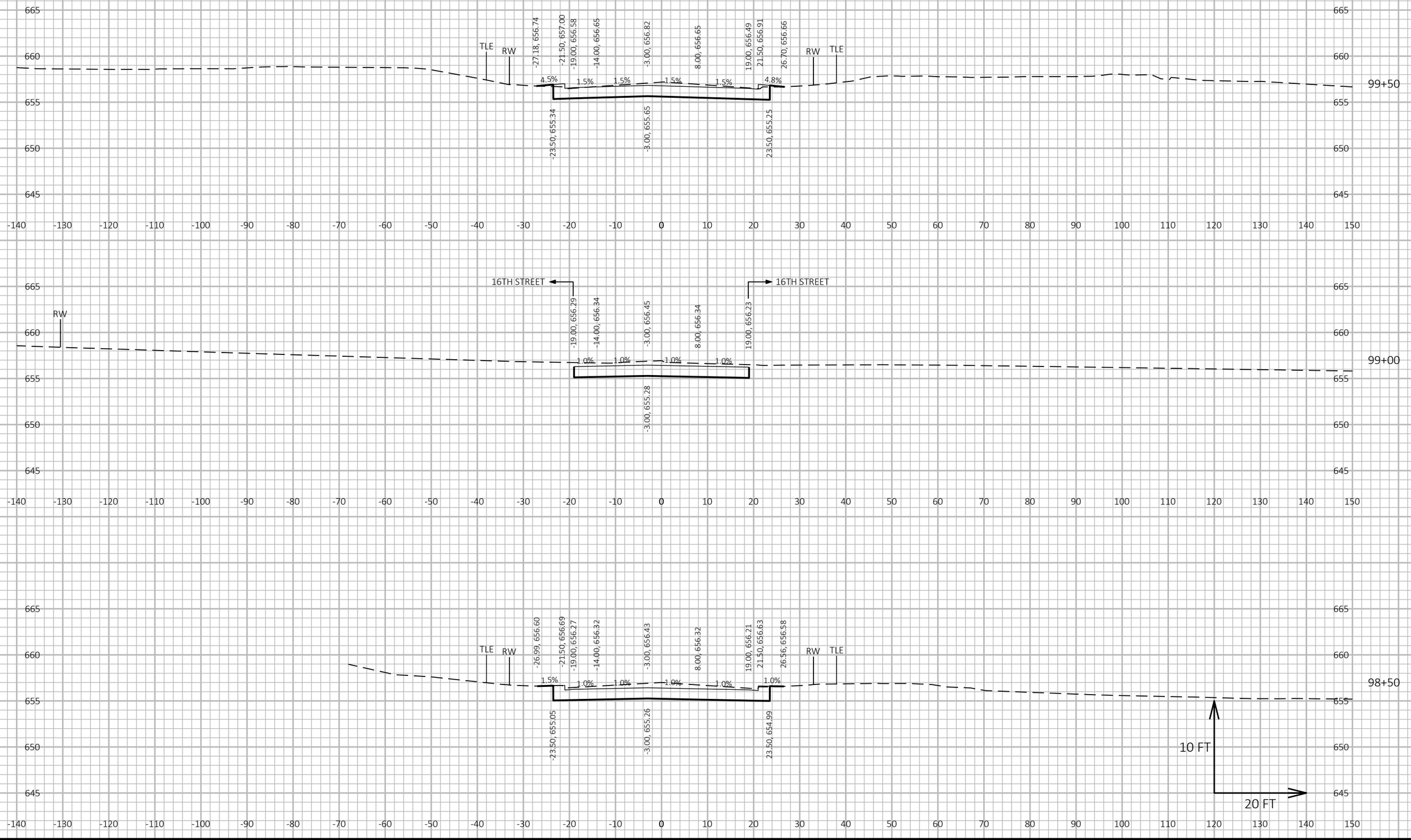
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PROJECT NO: 2703-07-72 | HWY: LOCAL STREET | COUNTY: RACINE | CROSS SECTIONS: CROSS SECTIONS | SHEET 281 | E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\090201-XS.DWG
LAYOUT NAME - 090217_xs

PLOT DATE : 8/4/2026 4:08 PM PLOT BY : WRIGHT, BRANDON PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

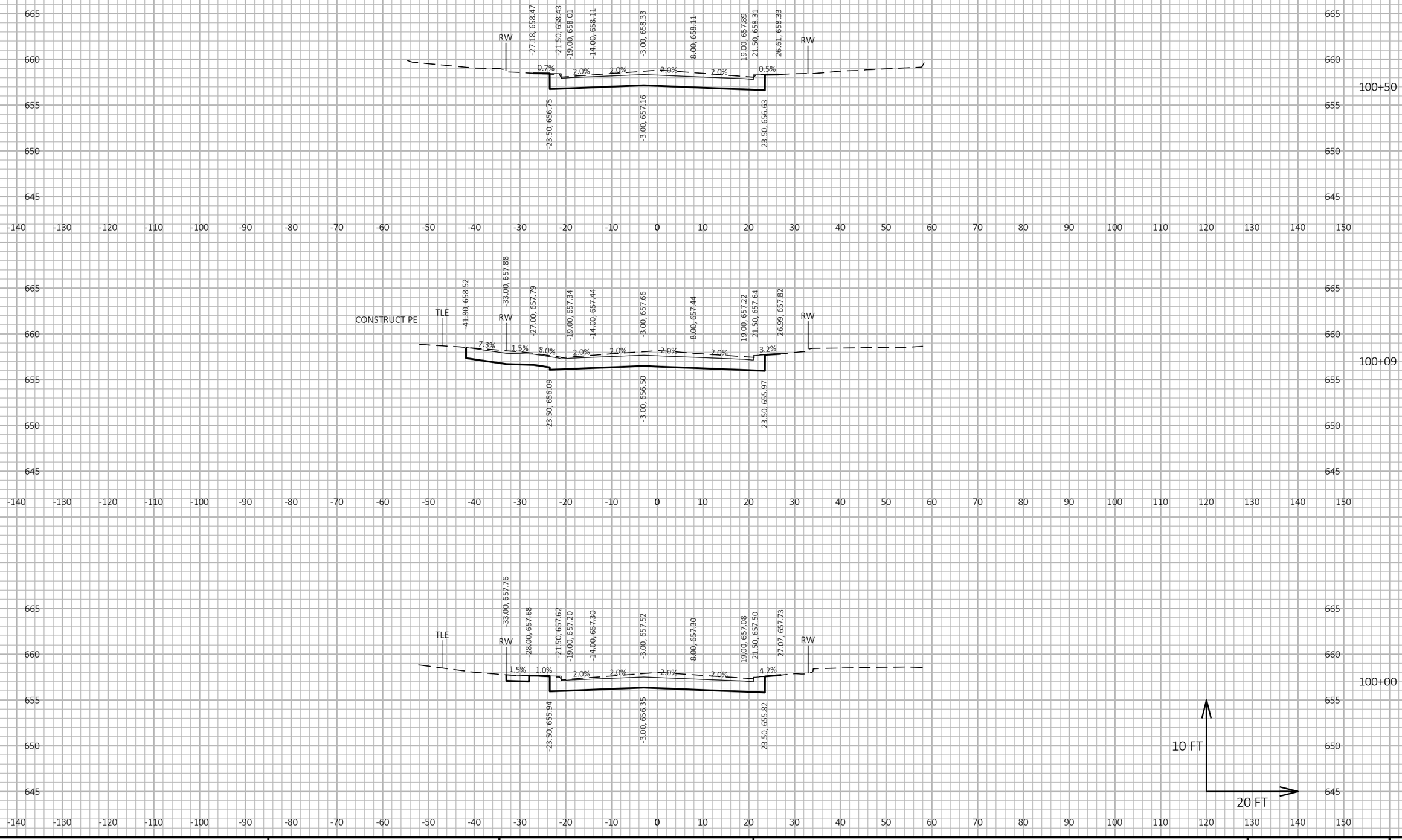
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PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	CROSS SECTIONS: CROSS SECTIONS	SHEET 282	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\090201-XS.DWG
LAYOUT NAME - 090218_xs

PLOT DATE : 8/4/2026 4:08 PM PLOT BY : WRIGHT, BRANDON PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

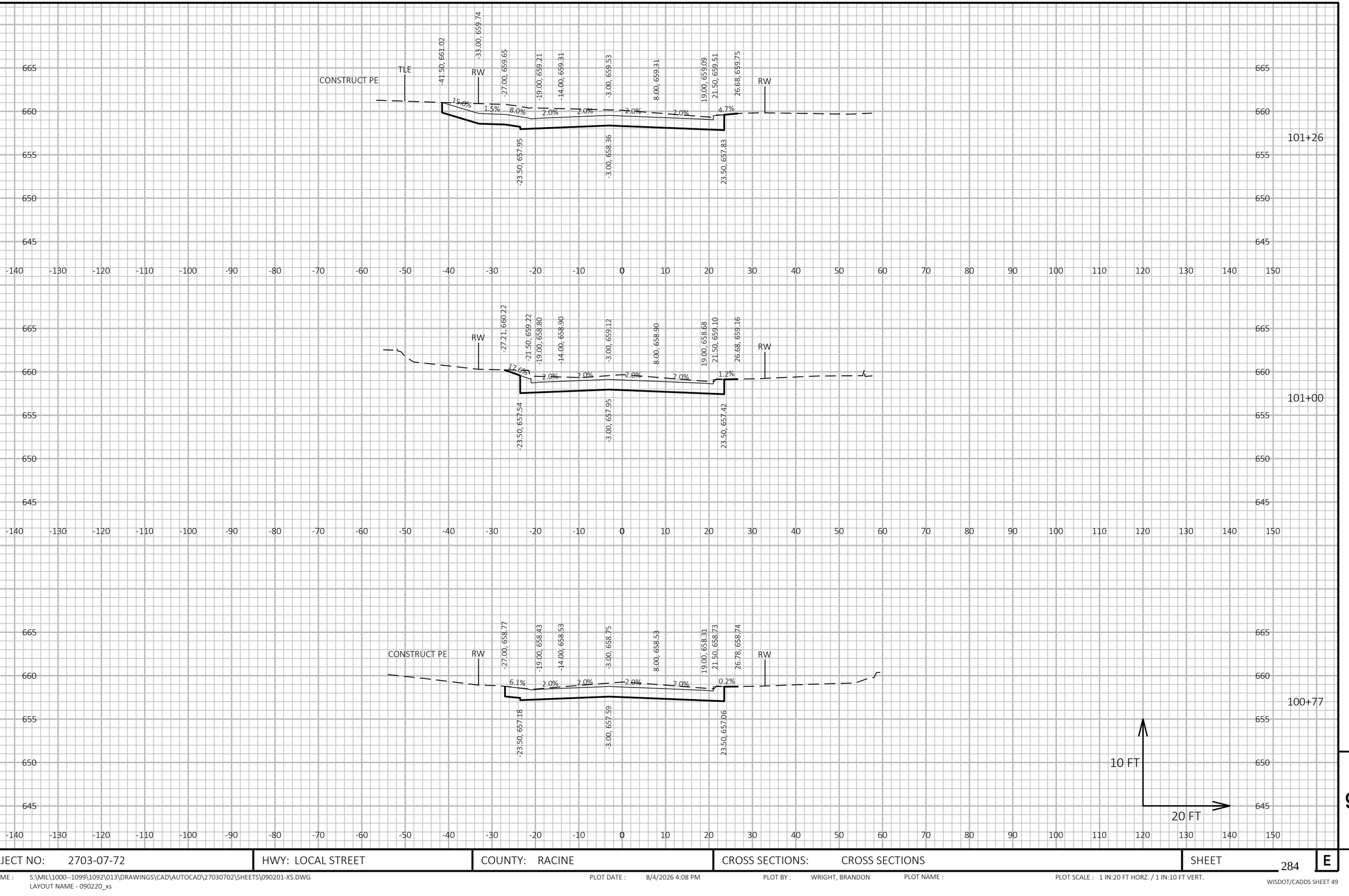
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PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	CROSS SECTIONS: CROSS SECTIONS	SHEET 283	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\090201-XS.DWG
LAYOUT NAME - 090219_xs

PLOT DATE : 8/4/2026 4:08 PM PLOT BY : WRIGHT, BRANDON PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

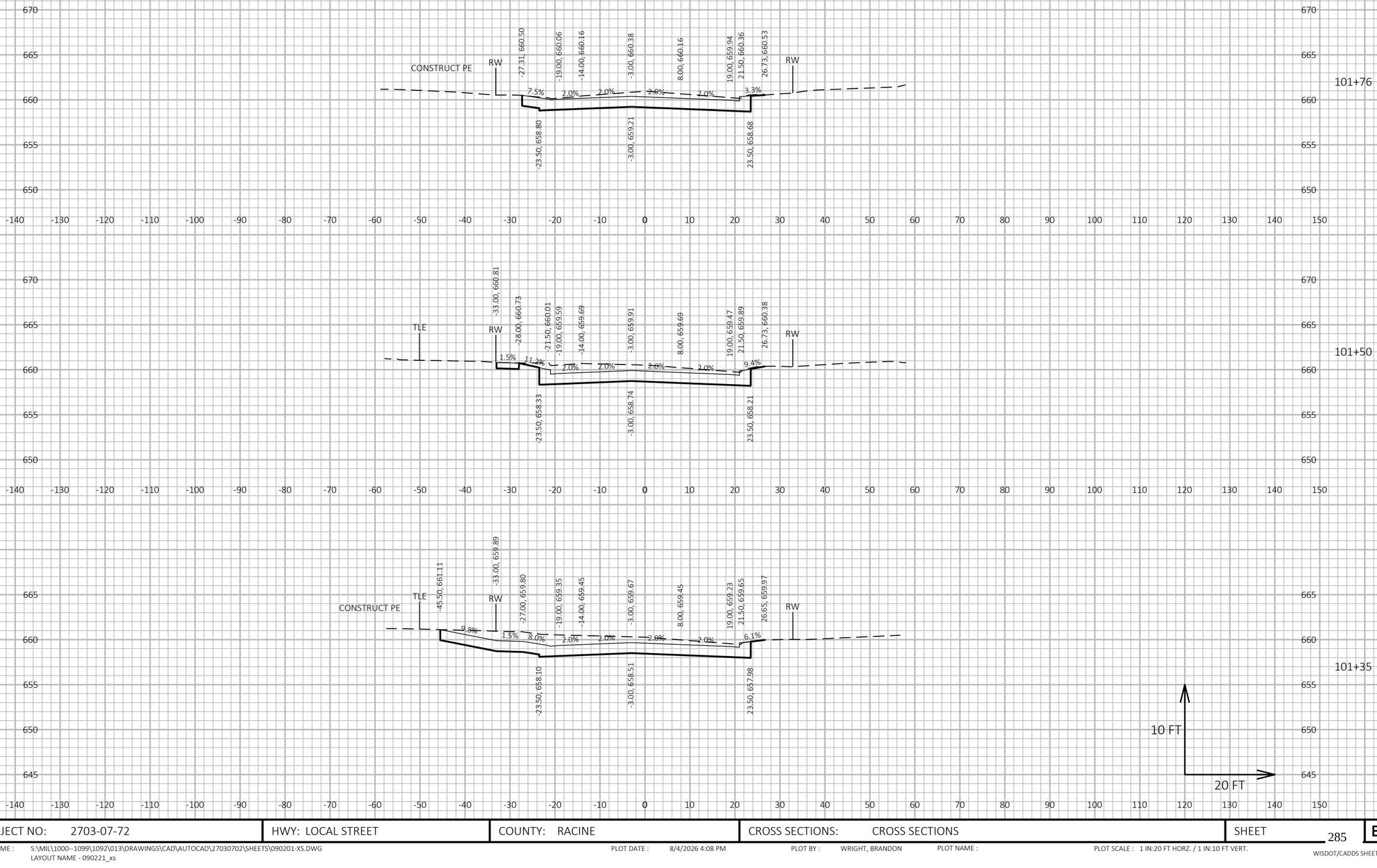
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PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	CROSS SECTIONS: CROSS SECTIONS	SHEET 284	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\090201-XS.DWG
LAYOUT NAME - 090220_xs

PLOT DATE : 8/4/2026 4:08 PM PLOT BY : WRIGHT, BRANDON PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

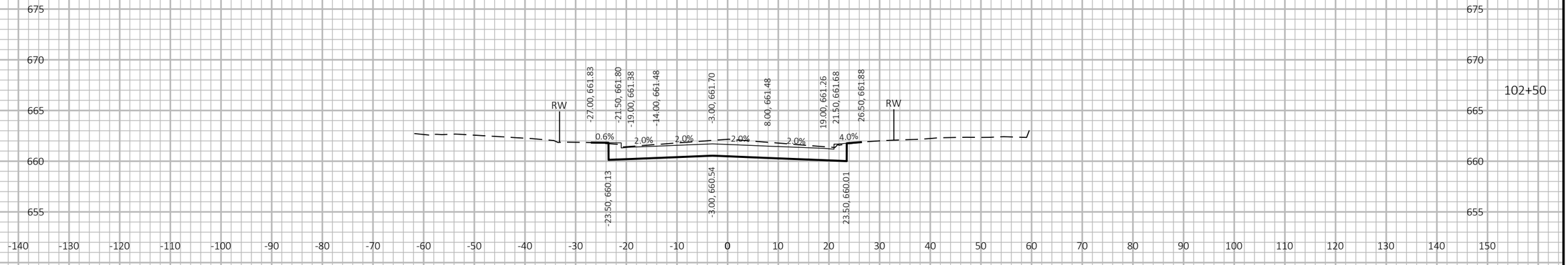


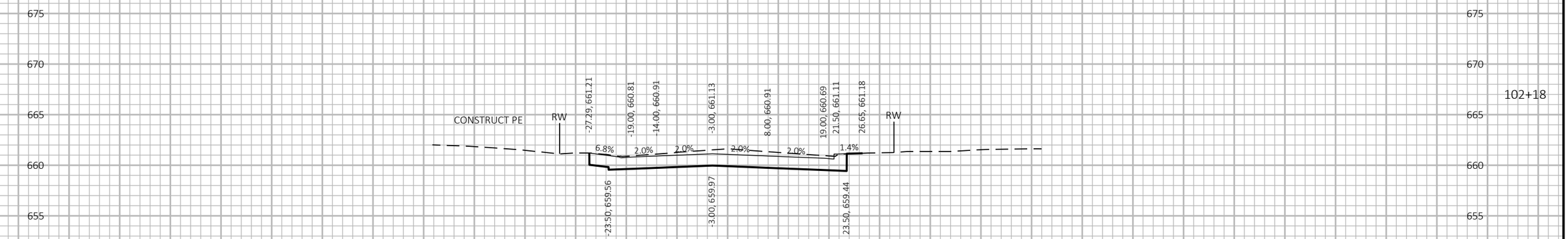
PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	CROSS SECTIONS: CROSS SECTIONS	SHEET 285	E

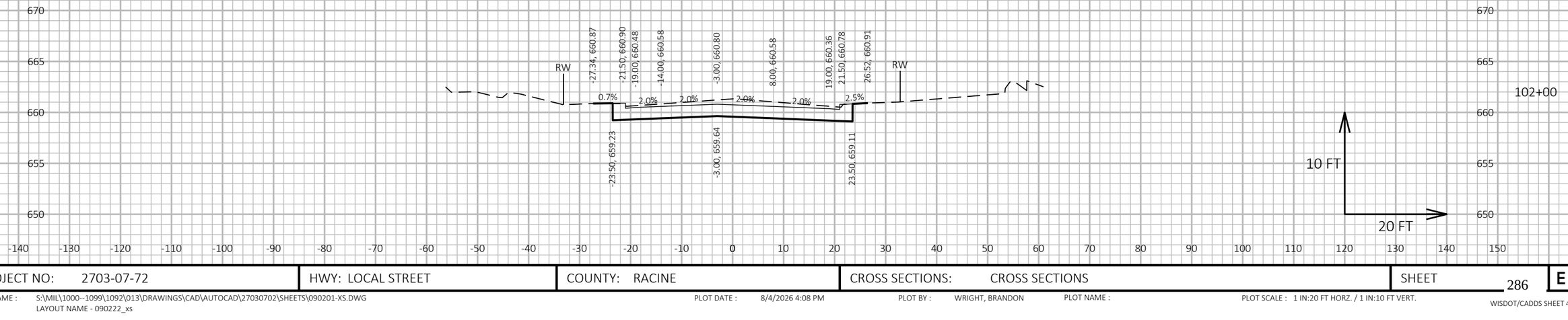
FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\090201-XS.DWG
LAYOUT NAME - 090221_xs

PLOT DATE : 8/4/2026 4:08 PM PLOT BY : WRIGHT, BRANDON PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49







9

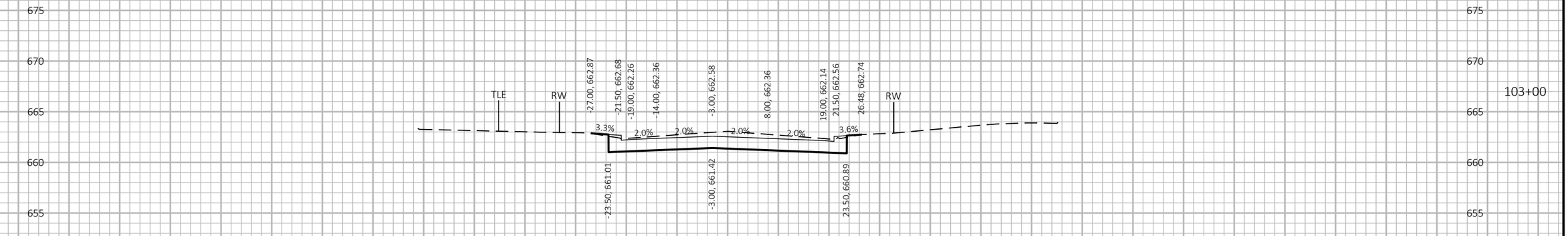
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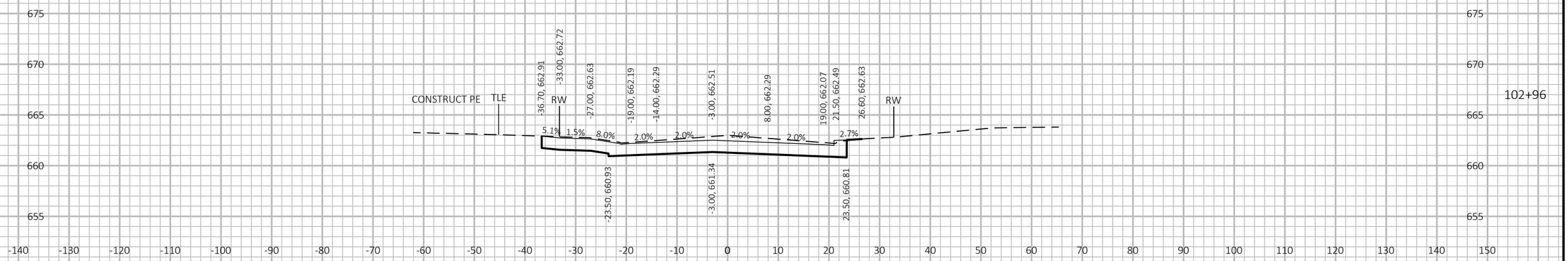
PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	CROSS SECTIONS: CROSS SECTIONS	SHEET 286	E

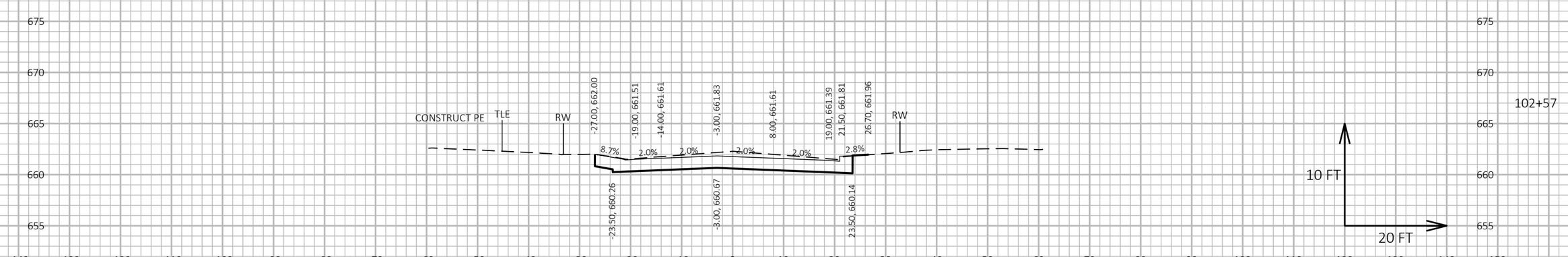
FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\090201-XS.DWG
LAYOUT NAME - 090222_xs

PLOT DATE : 8/4/2026 4:08 PM PLOT BY : WRIGHT, BRANDON PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49





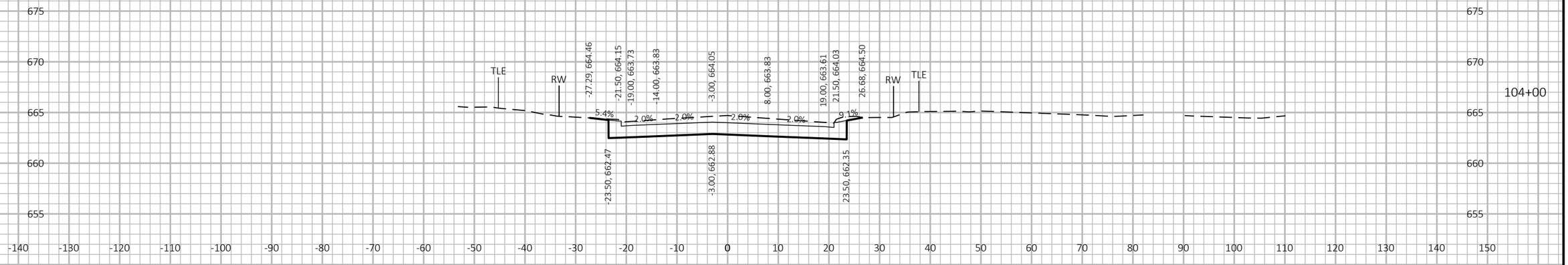


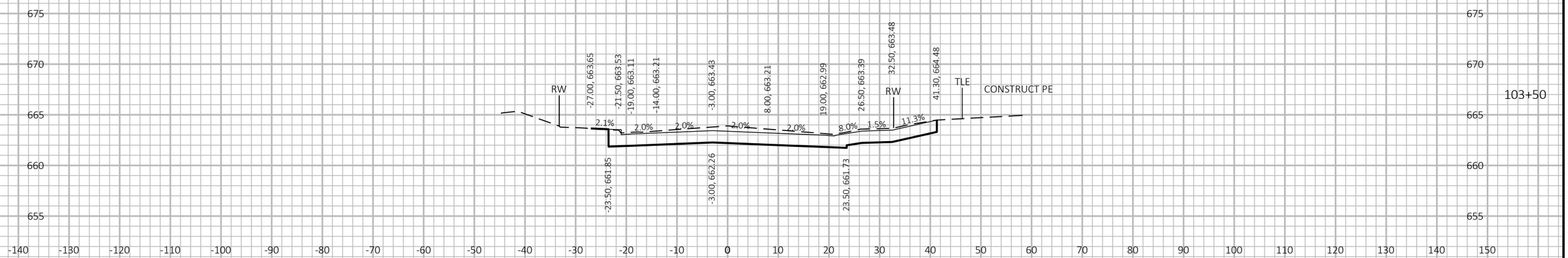
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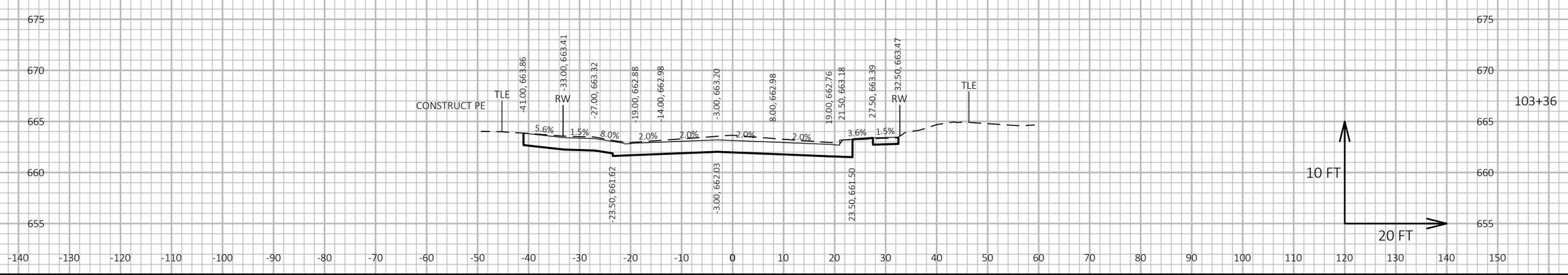
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PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	CROSS SECTIONS: CROSS SECTIONS	SHEET 287	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\090201-XS.DWG
LAYOUT NAME - 090223_xs
PLOT DATE : 8/4/2026 4:08 PM
PLOT BY : WRIGHT, BRANDON
PLOT NAME :
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.
WISDOT/CADDS SHEET 49







9

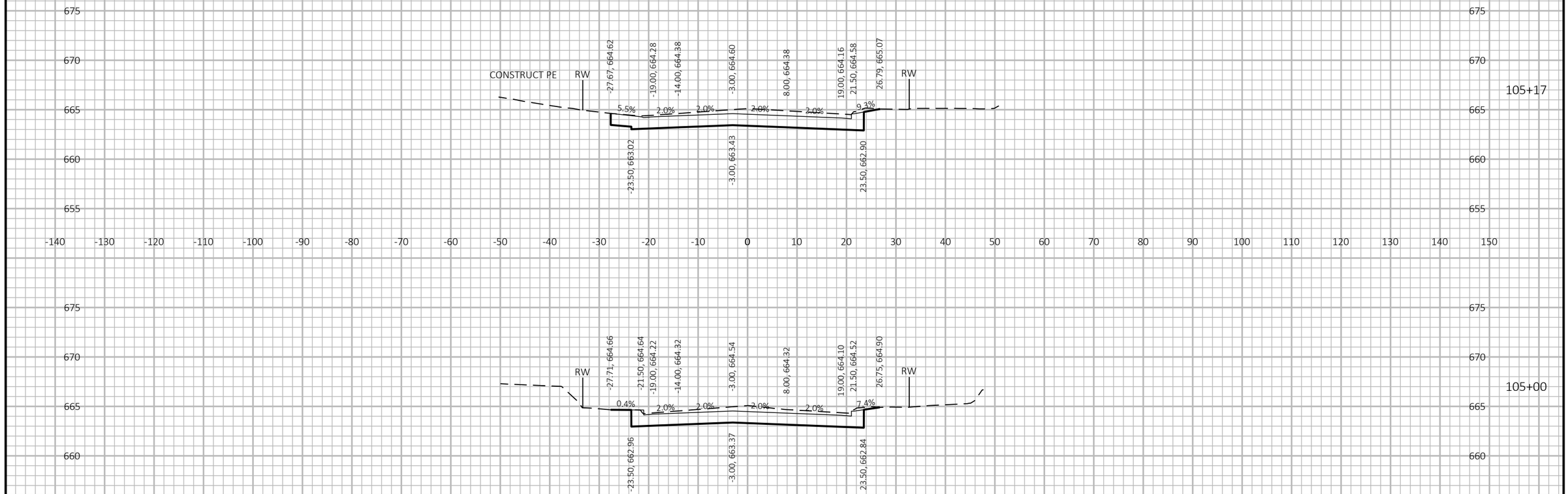
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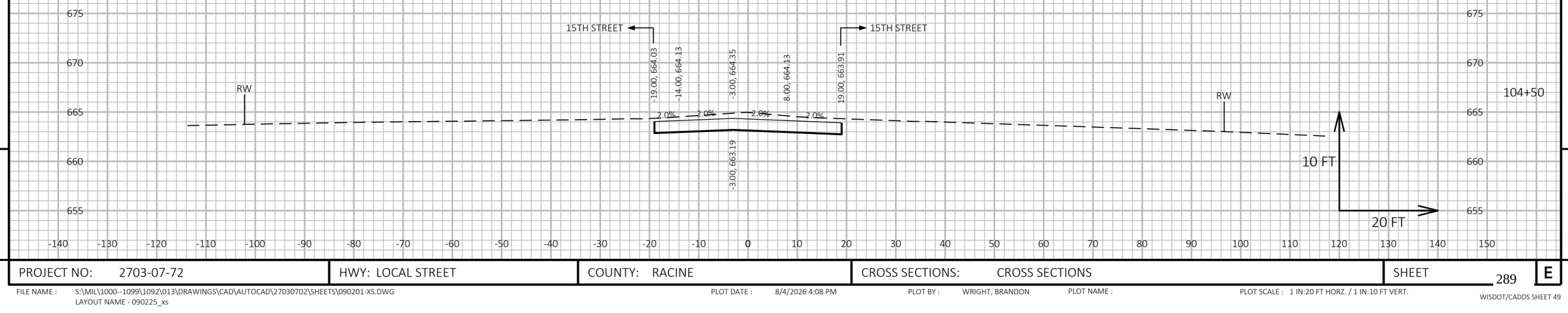
PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	CROSS SECTIONS: CROSS SECTIONS	SHEET 288	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\090201-XS.DWG
LAYOUT NAME - 090224_xs

PLOT DATE : 8/4/2026 4:08 PM PLOT BY : WRIGHT, BRANDON PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



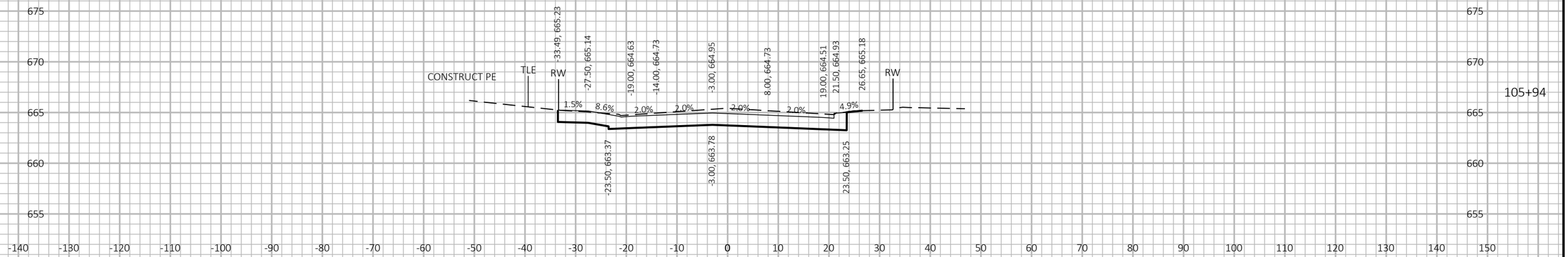


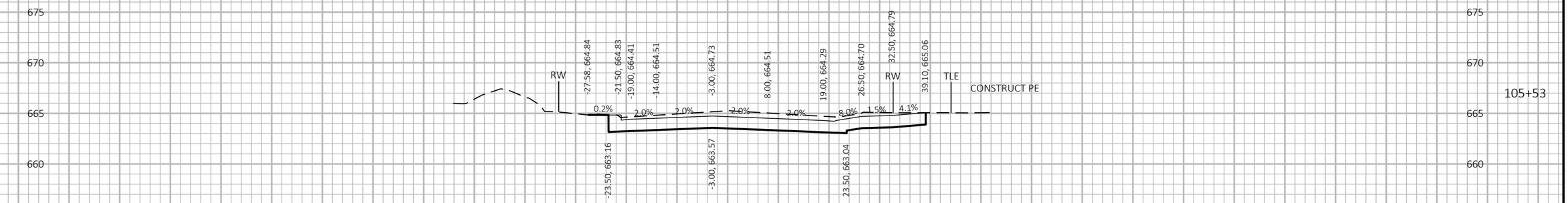
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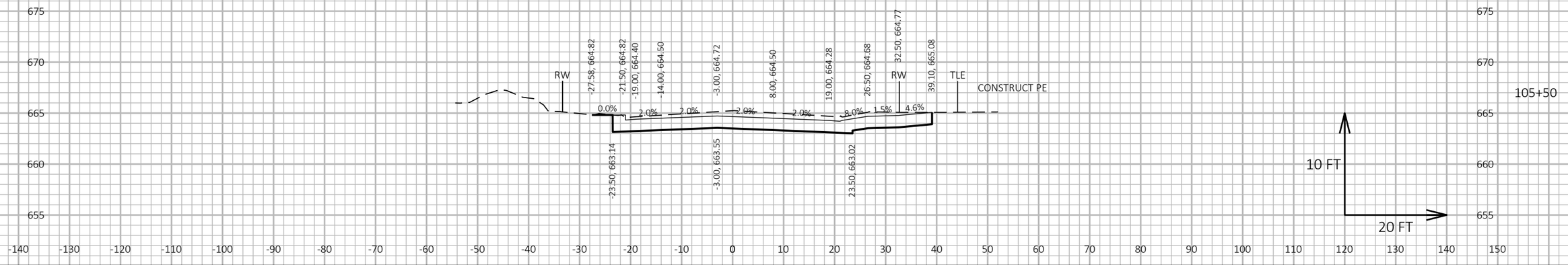
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PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	CROSS SECTIONS: CROSS SECTIONS	SHEET 289	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\090201-XS.DWG
LAYOUT NAME - 090225_xs
PLOT DATE : 8/4/2026 4:08 PM
PLOT BY : WRIGHT, BRANDON
PLOT NAME :
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.
WISDOT/CADDS SHEET 49







9

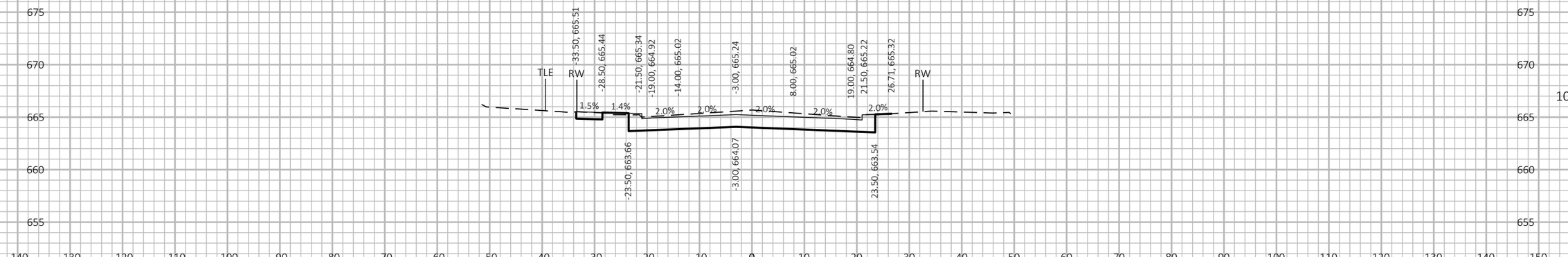
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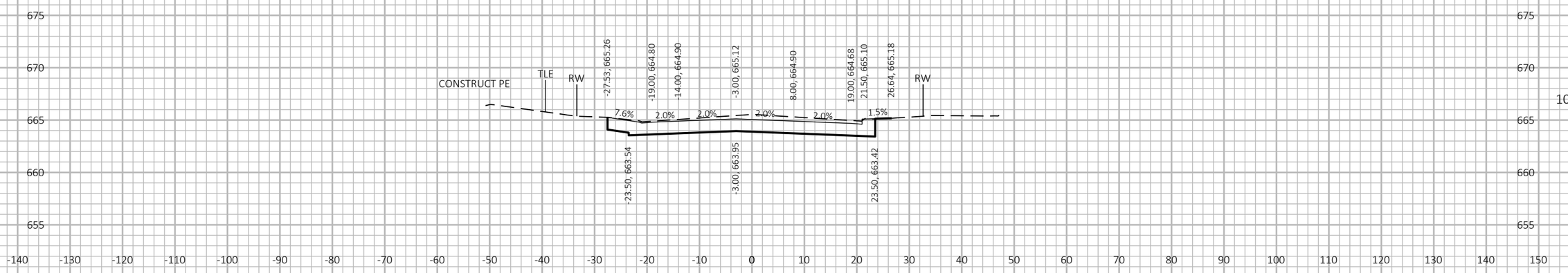
PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	CROSS SECTIONS: CROSS SECTIONS	SHEET 290	E

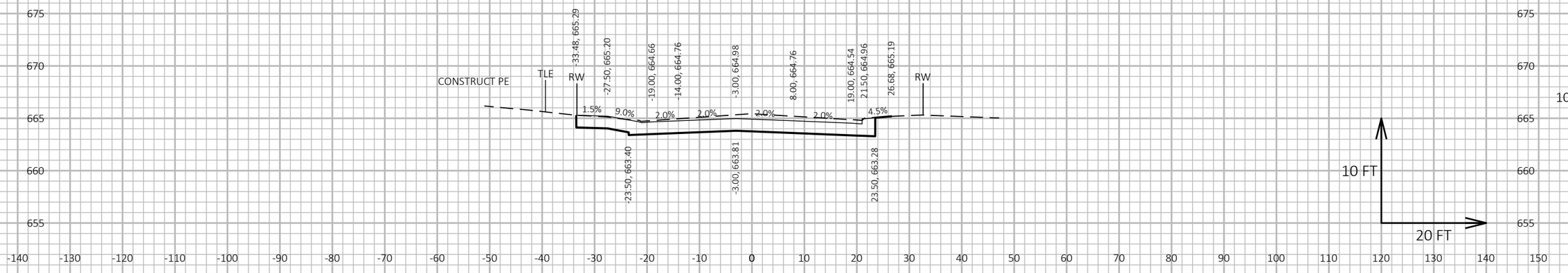
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LAYOUT NAME - 090226_xs

PLOT DATE : 8/4/2026 4:08 PM PLOT BY : WRIGHT, BRANDON PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49







9

9

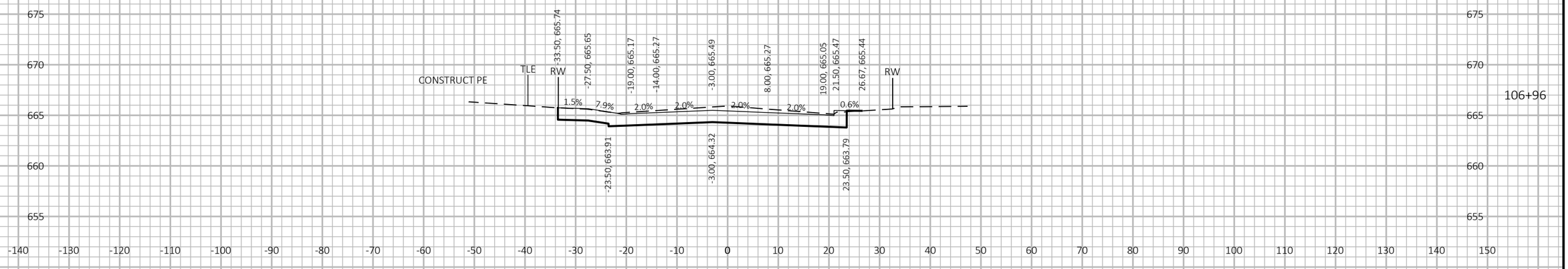
PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	CROSS SECTIONS: CROSS SECTIONS	SHEET 291	E

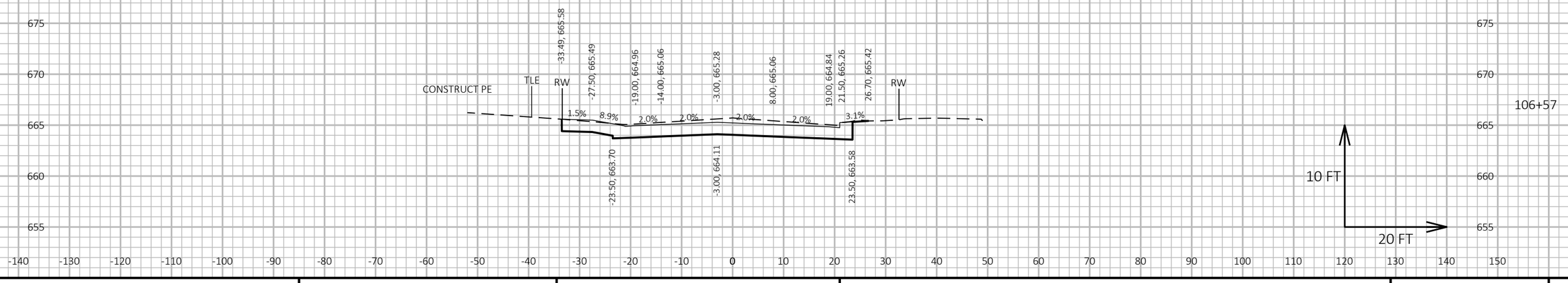
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LAYOUT NAME - 090227_xs

PLOT DATE : 8/4/2026 4:08 PM PLOT BY : WRIGHT, BRANDON PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49







9

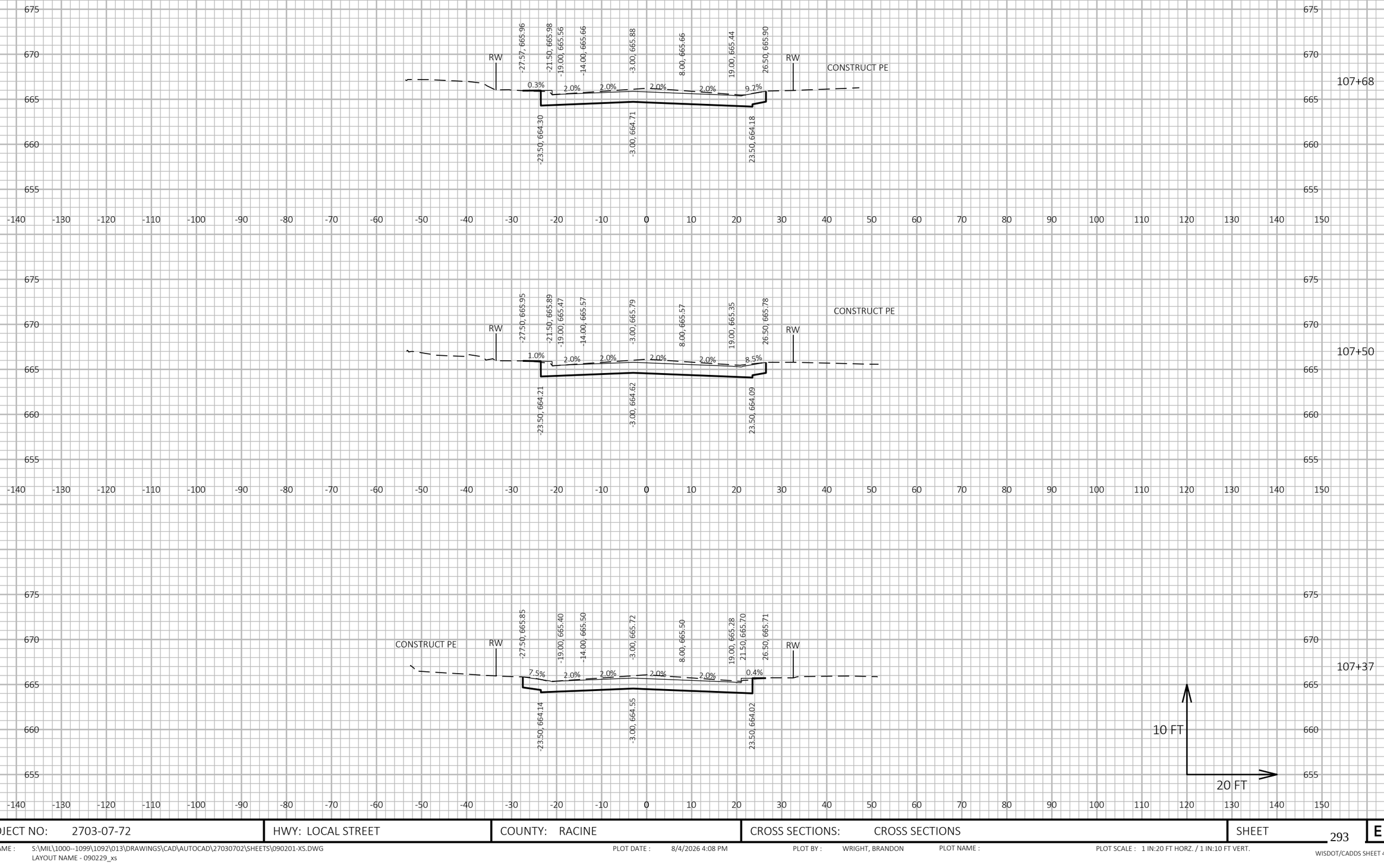
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PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	CROSS SECTIONS: CROSS SECTIONS	SHEET 292	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\090201-XS.DWG
LAYOUT NAME - 090228_xs

PLOT DATE : 8/4/2026 4:08 PM PLOT BY : WRIGHT, BRANDON PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

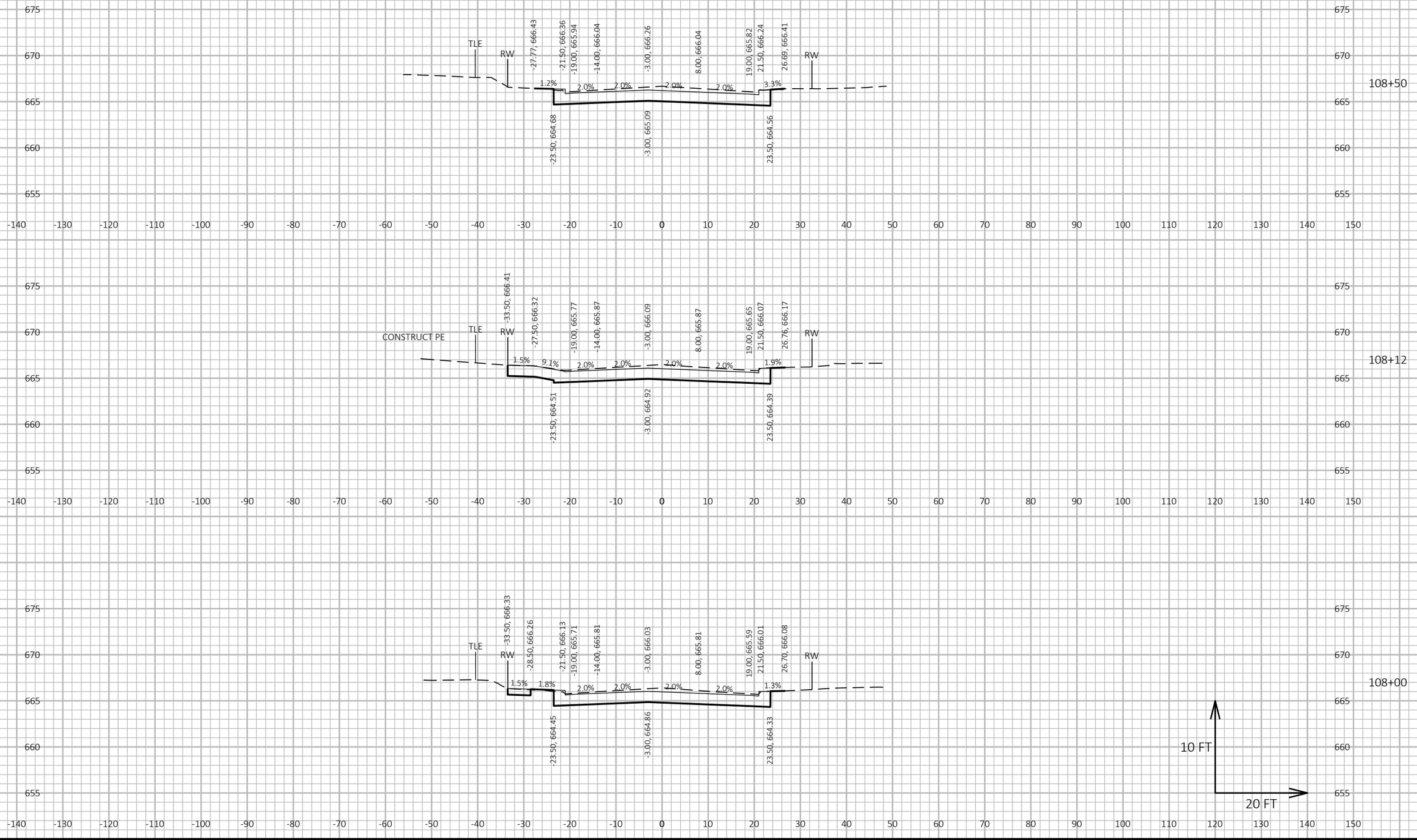
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PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	CROSS SECTIONS: CROSS SECTIONS	SHEET 293	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\090201-XS.DWG
LAYOUT NAME - 090229_xs

PLOT DATE : 8/4/2026 4:08 PM PLOT BY : WRIGHT, BRANDON PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

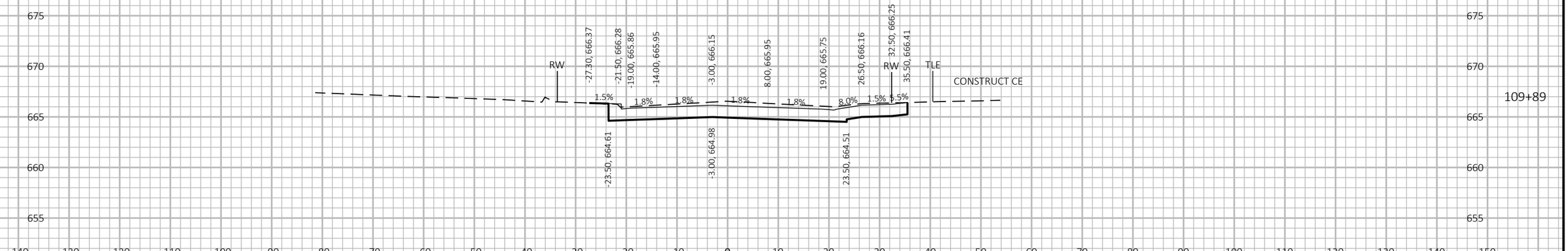
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PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	CROSS SECTIONS: CROSS SECTIONS	SHEET 294	E

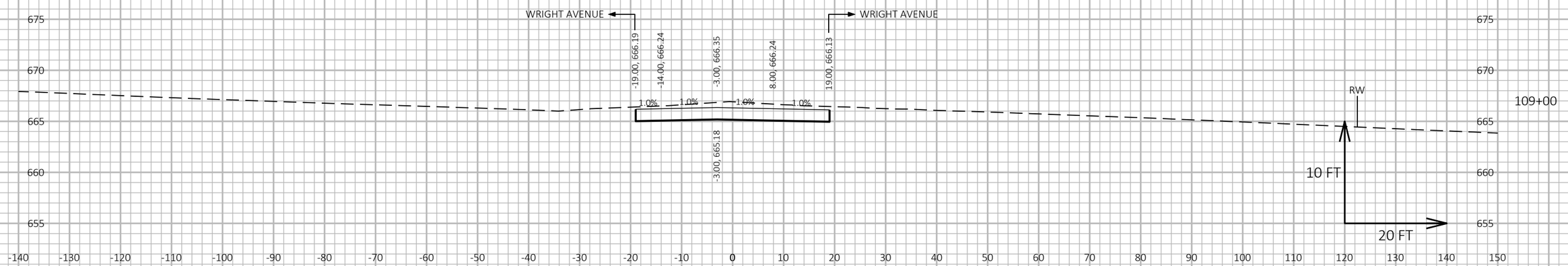
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LAYOUT NAME - 090230_xs

PLOT DATE : 8/4/2026 4:09 PM PLOT BY : WRIGHT, BRANDON PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49







9

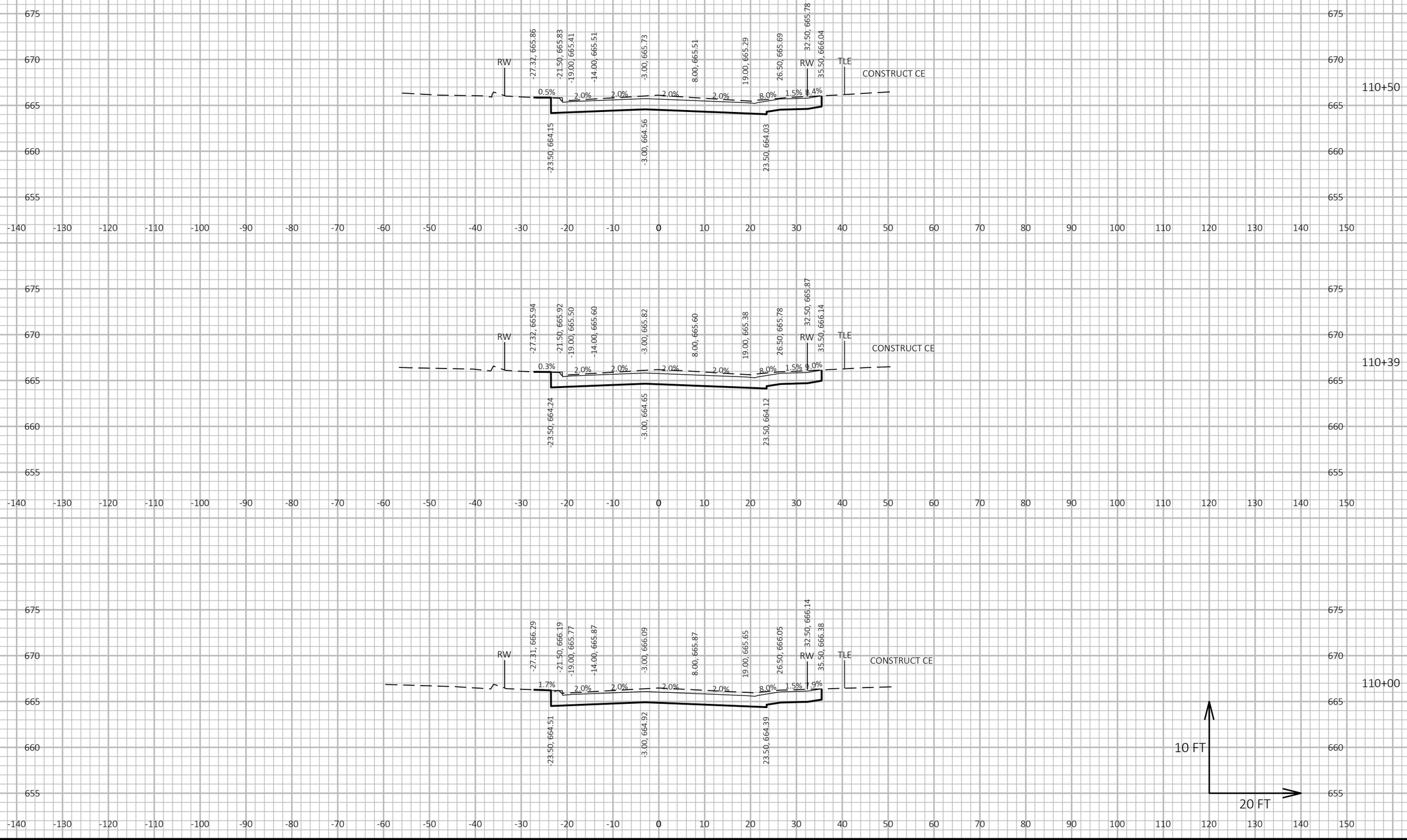
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PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	CROSS SECTIONS: CROSS SECTIONS	SHEET 295	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\090201-XS.DWG
LAYOUT NAME - 090231_xs

PLOT DATE : 8/4/2026 4:09 PM PLOT BY : WRIGHT, BRANDON PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

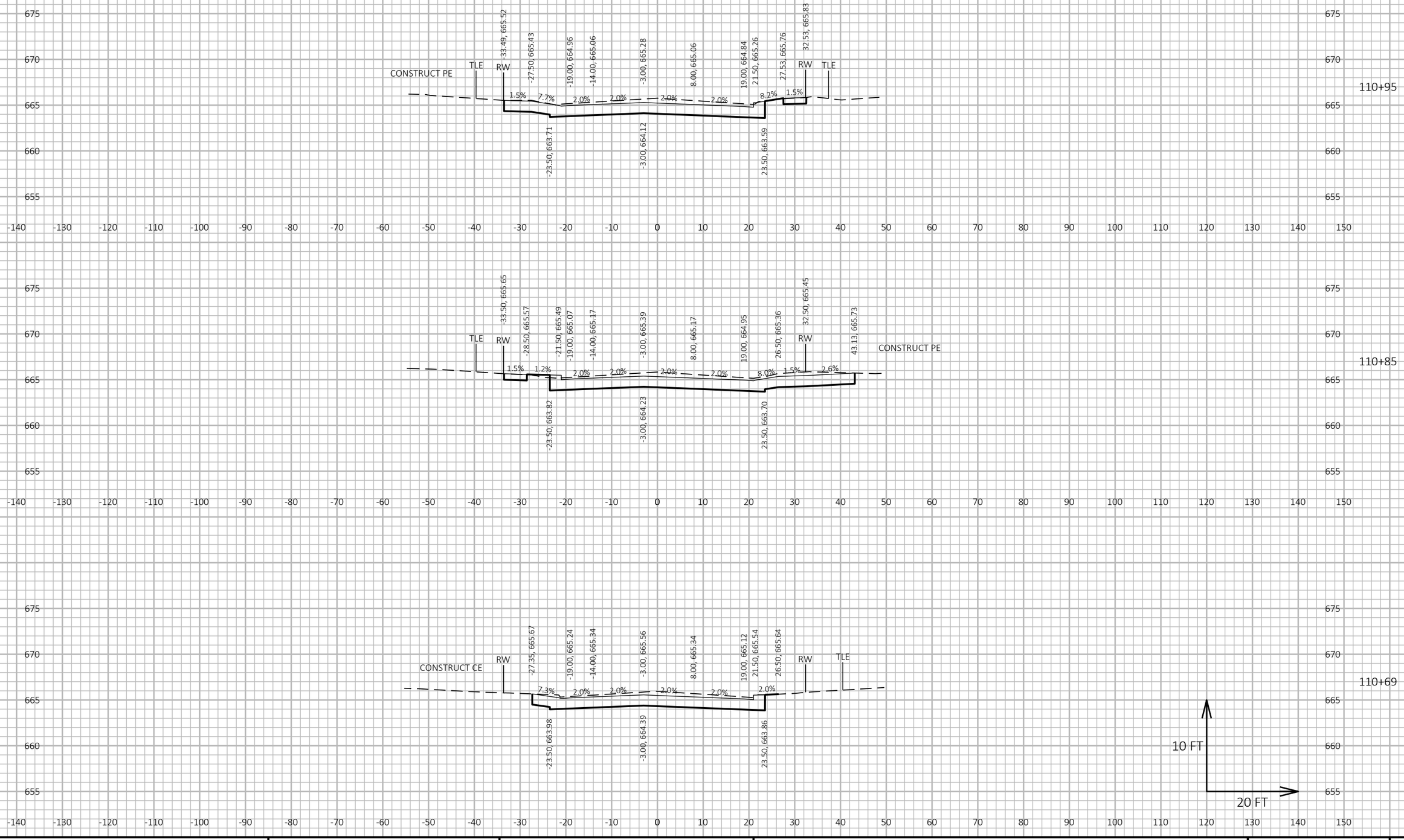
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PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	CROSS SECTIONS: CROSS SECTIONS	SHEET 296	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\090201-XS.DWG
LAYOUT NAME - 090232_xs

PLOT DATE : 8/4/2026 4:09 PM PLOT BY : WRIGHT, BRANDON PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

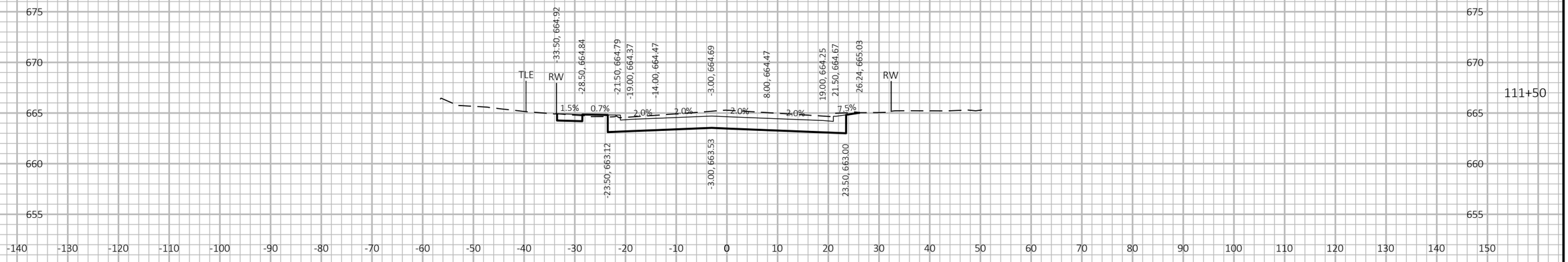
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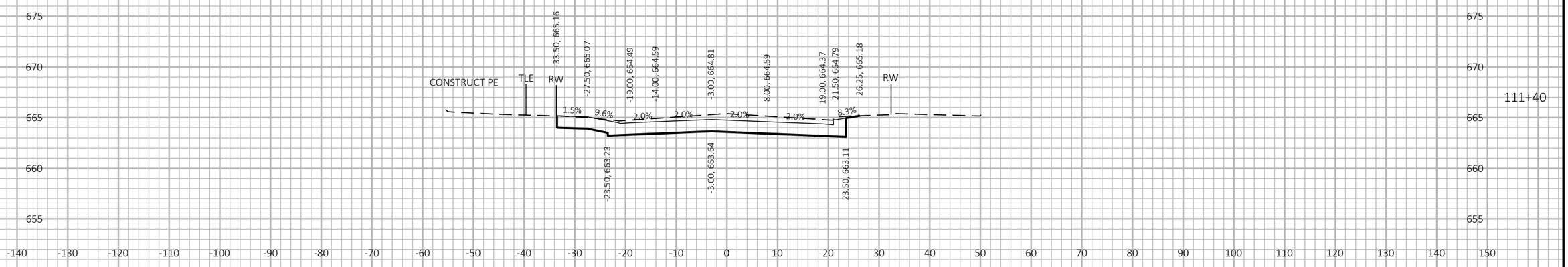
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LAYOUT NAME - 090233_xs

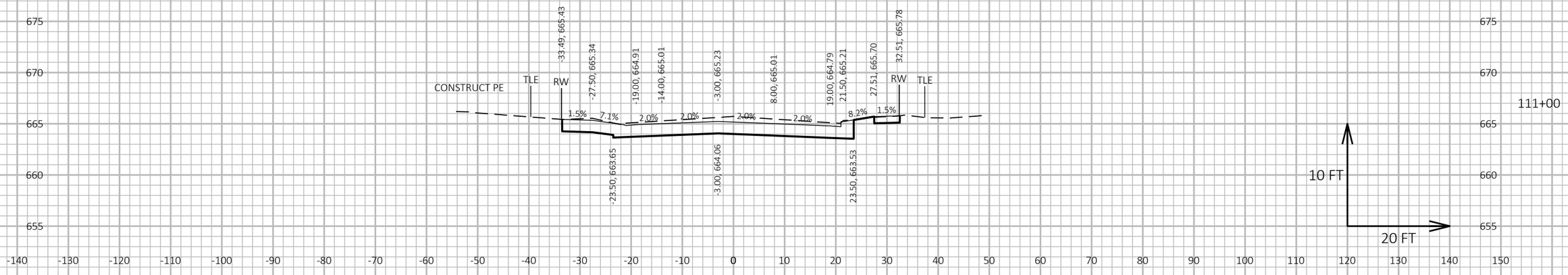
PLOT DATE : 8/4/2026 4:09 PM PLOT BY : WRIGHT, BRANDON PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

9







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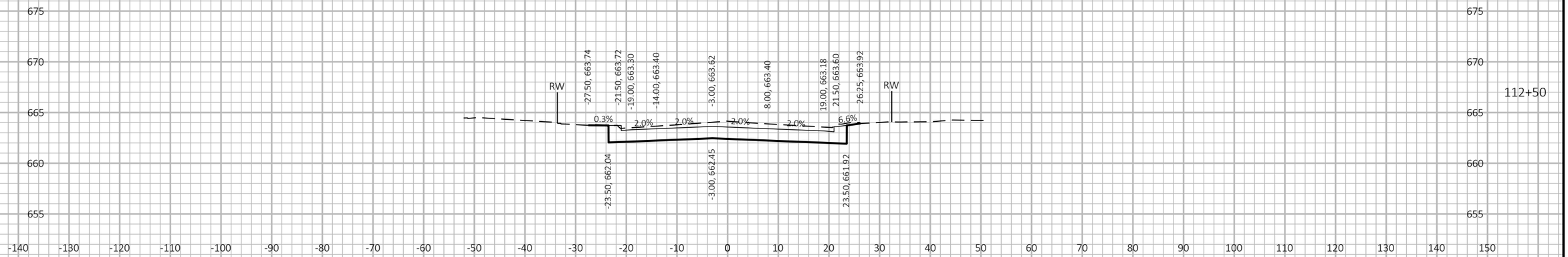
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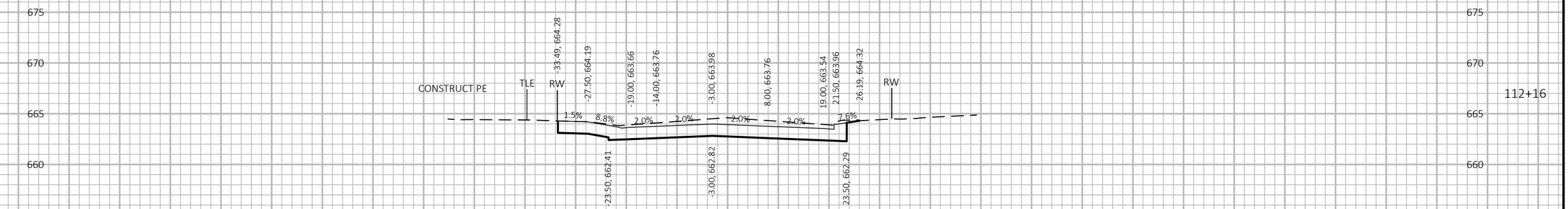
PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	CROSS SECTIONS: CROSS SECTIONS	SHEET 298	E

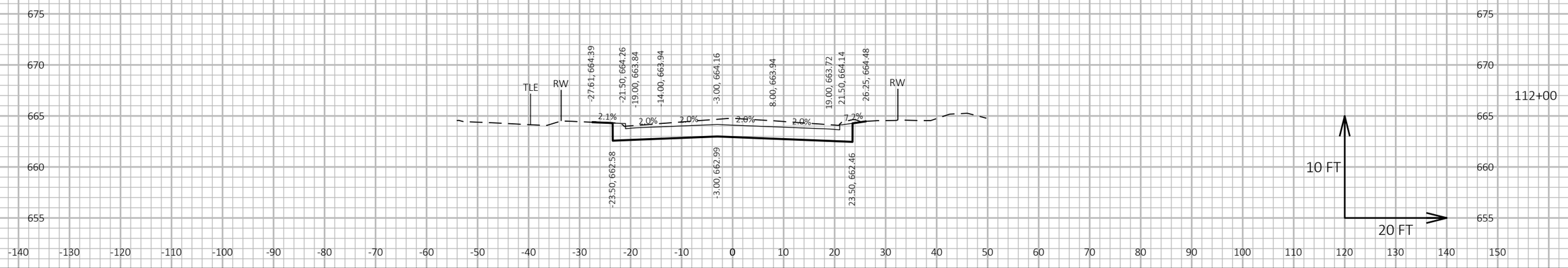
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LAYOUT NAME - 090234_xs

PLOT DATE : 8/4/2026 4:09 PM PLOT BY : WRIGHT, BRANDON PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49







9

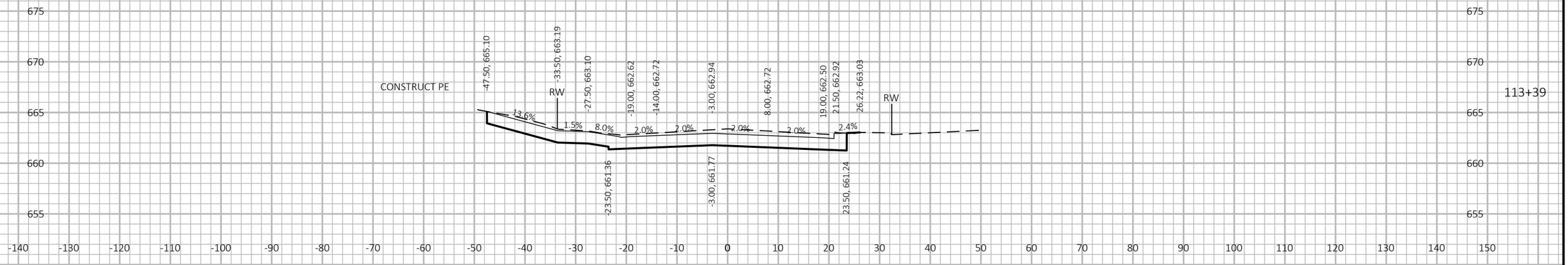
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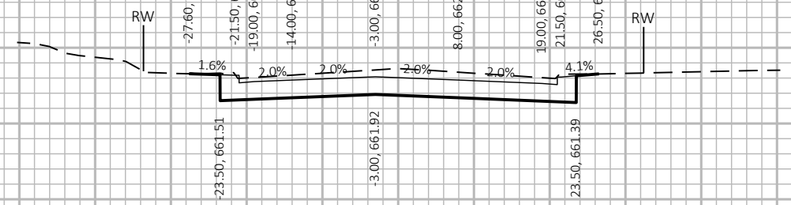
PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	CROSS SECTIONS: CROSS SECTIONS	SHEET 299	E

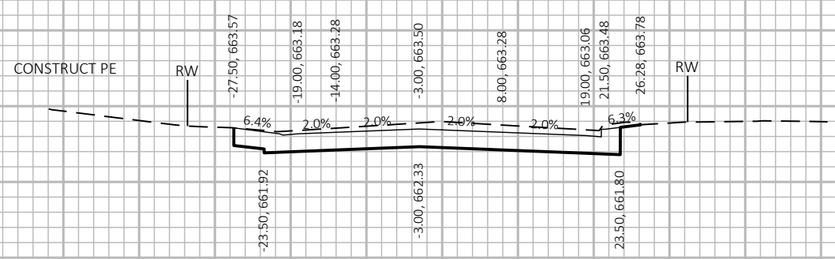
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LAYOUT NAME - 090235_xs

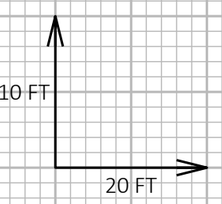
PLOT DATE : 8/4/2026 4:09 PM PLOT BY : WRIGHT, BRANDON PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



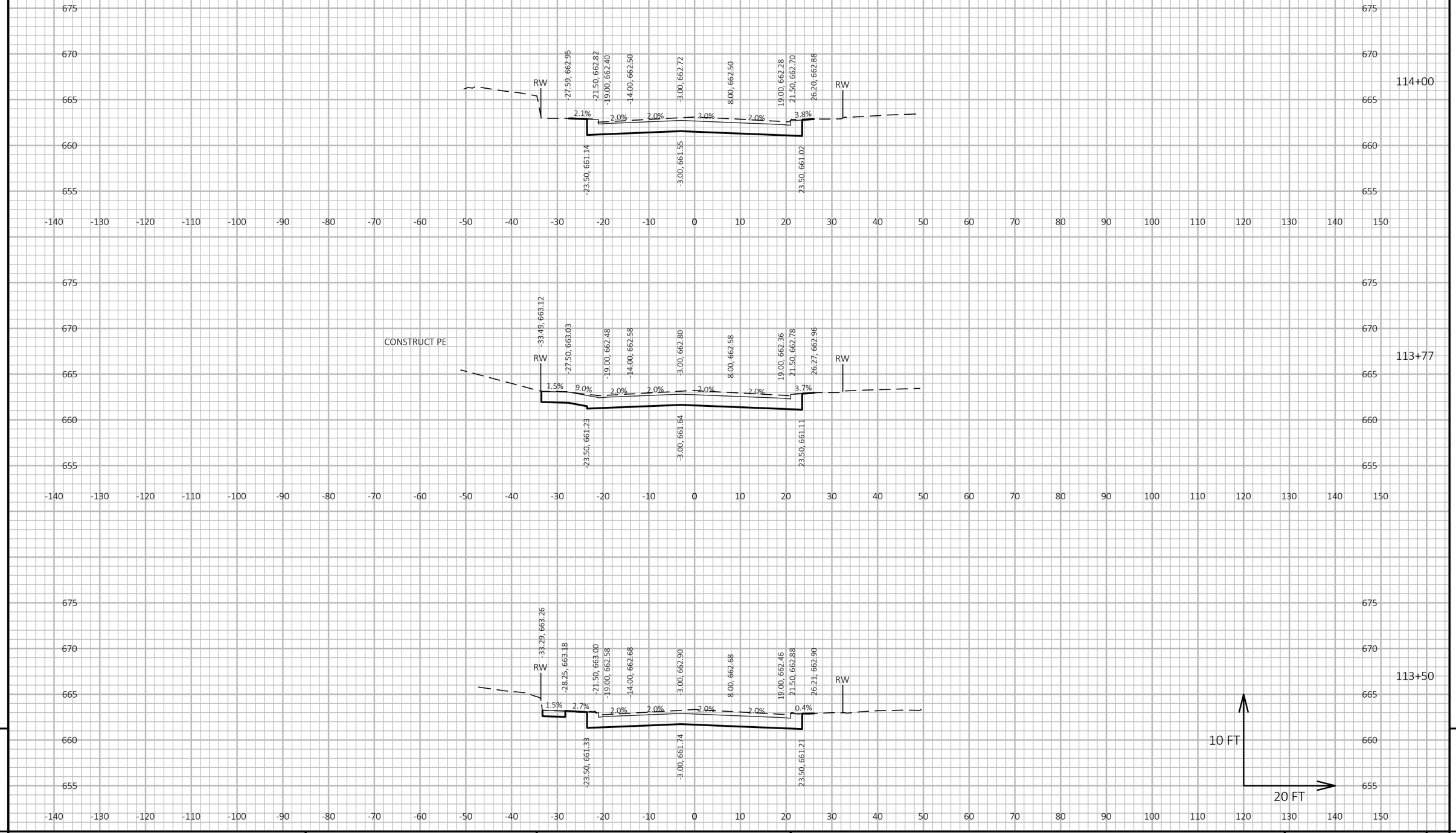






PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	CROSS SECTIONS: CROSS SECTIONS	SHEET 300	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\090201-XS.DWG
LAYOUT NAME - 090236_xs
PLOT DATE : 8/4/2026 4:09 PM
PLOT BY : WRIGHT, BRANDON
PLOT NAME :
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.
WISDOT/CADDS SHEET 49



9

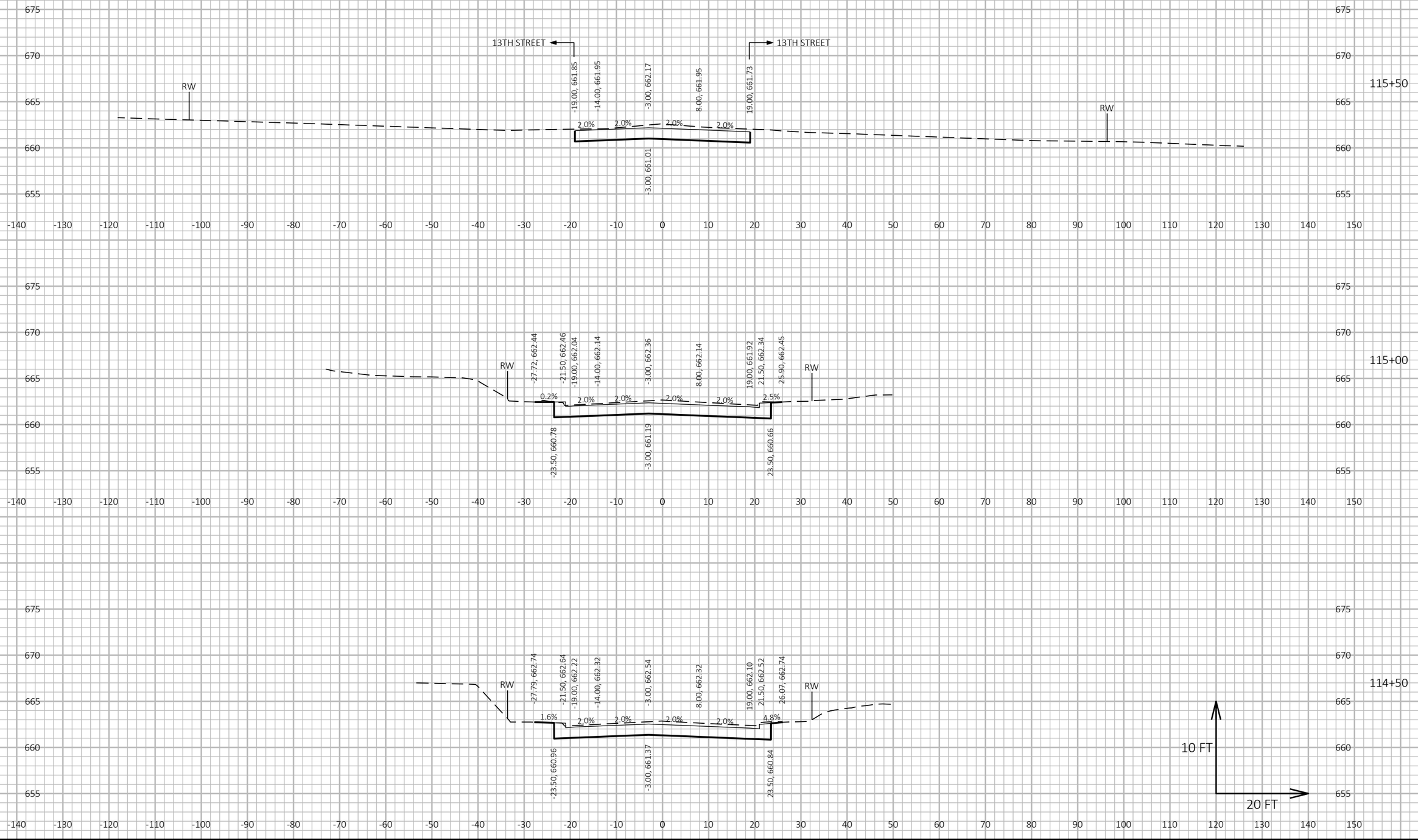
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PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	CROSS SECTIONS: CROSS SECTIONS	SHEET 301	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\090201-XS.DWG
LAYOUT NAME - 090237_xs

PLOT DATE : 8/4/2026 4:09 PM PLOT BY : WRIGHT, BRANDON PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

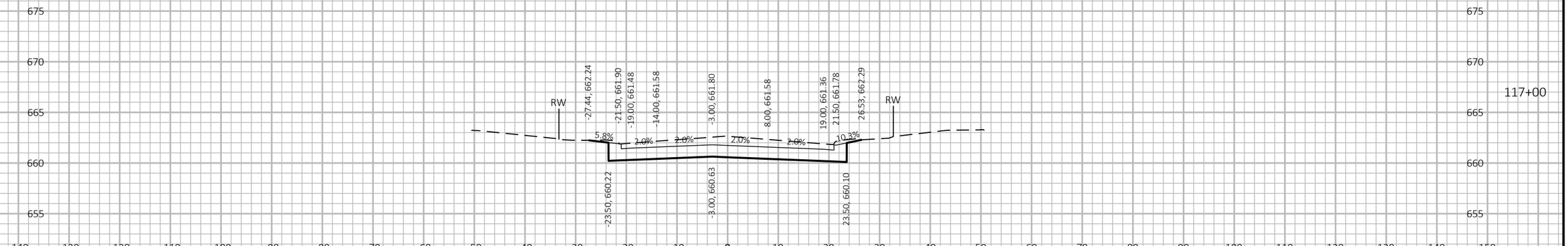
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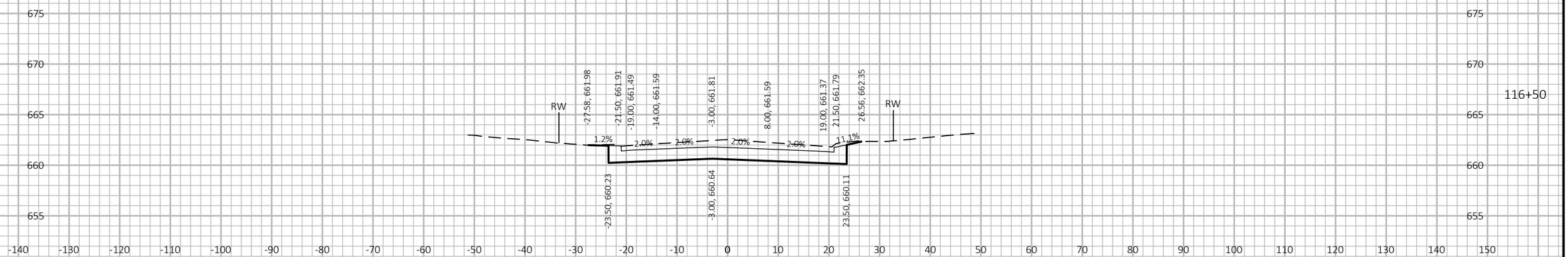
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FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\090201-XS.DWG
LAYOUT NAME - 090238_xs

PLOT DATE : 8/4/2026 4:09 PM PLOT BY : WRIGHT, BRANDON PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49







9

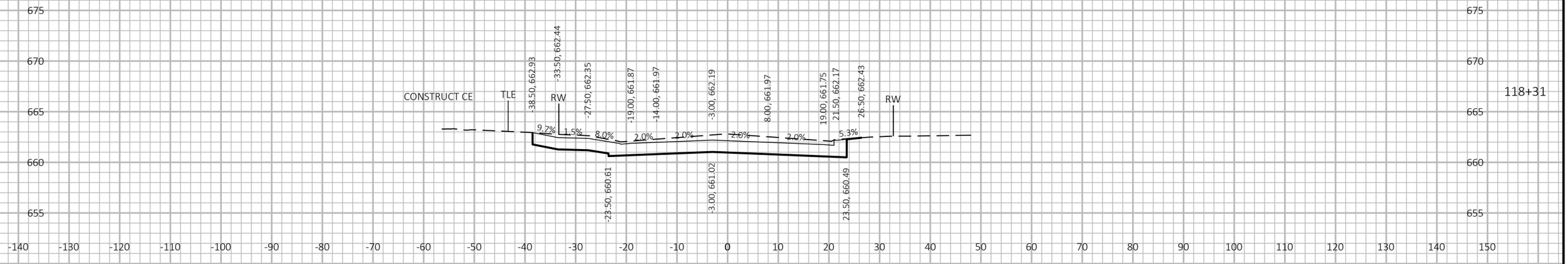
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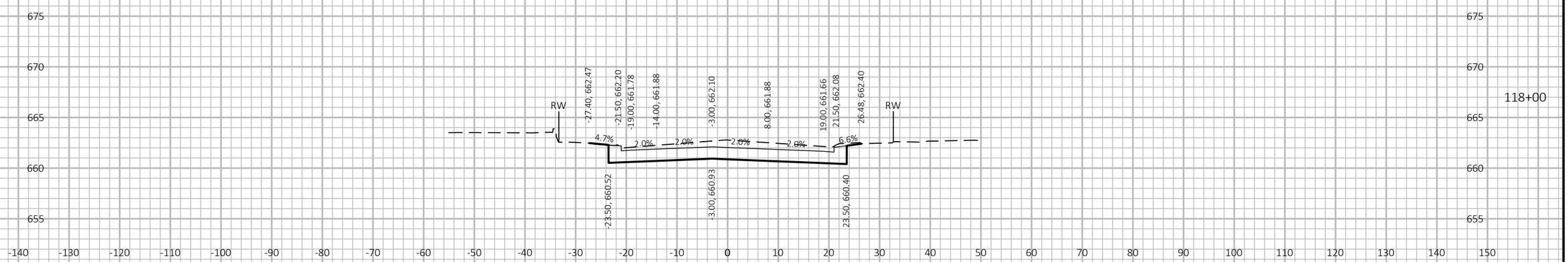
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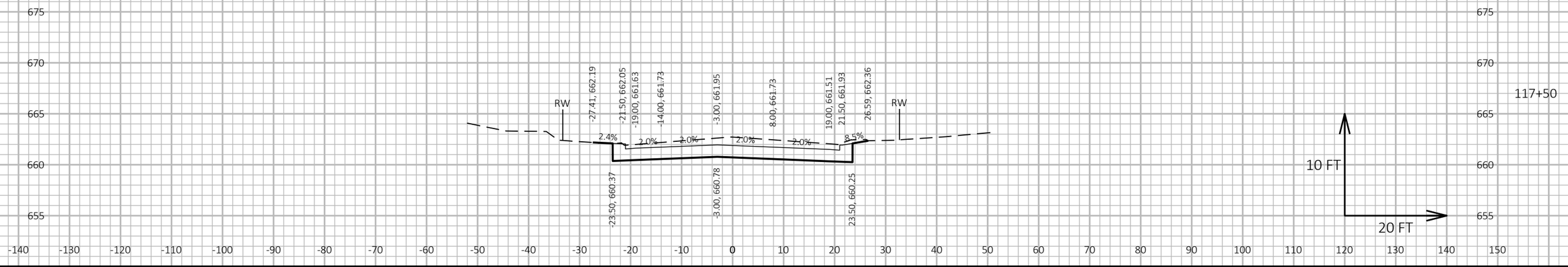
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LAYOUT NAME - 090239_xs

PLOT DATE : 8/4/2026 4:09 PM PLOT BY : WRIGHT, BRANDON PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49







9

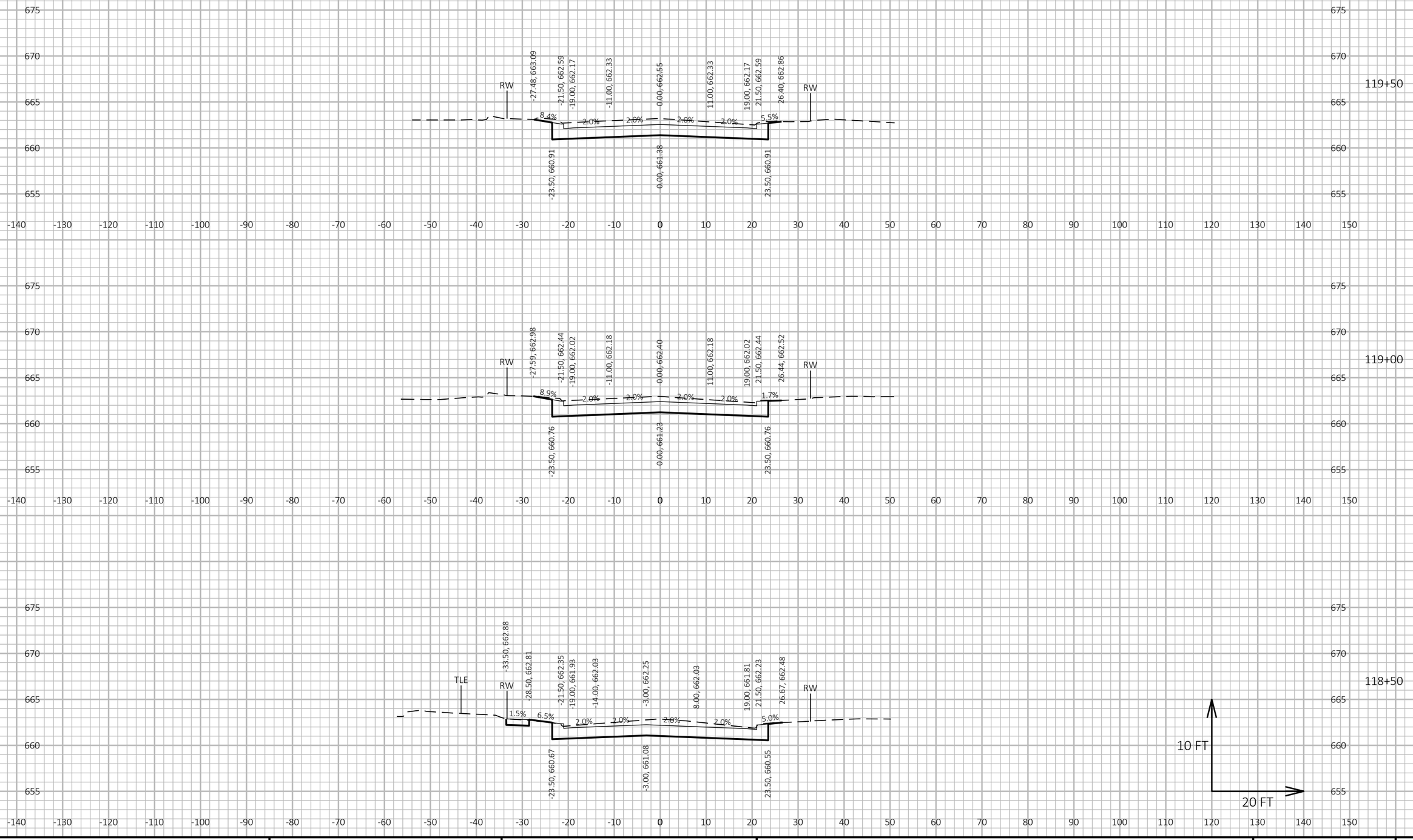
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PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	CROSS SECTIONS: CROSS SECTIONS	SHEET 304	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\090201-XS.DWG
LAYOUT NAME - 090240_xs

PLOT DATE : 8/4/2026 4:09 PM PLOT BY : WRIGHT, BRANDON PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

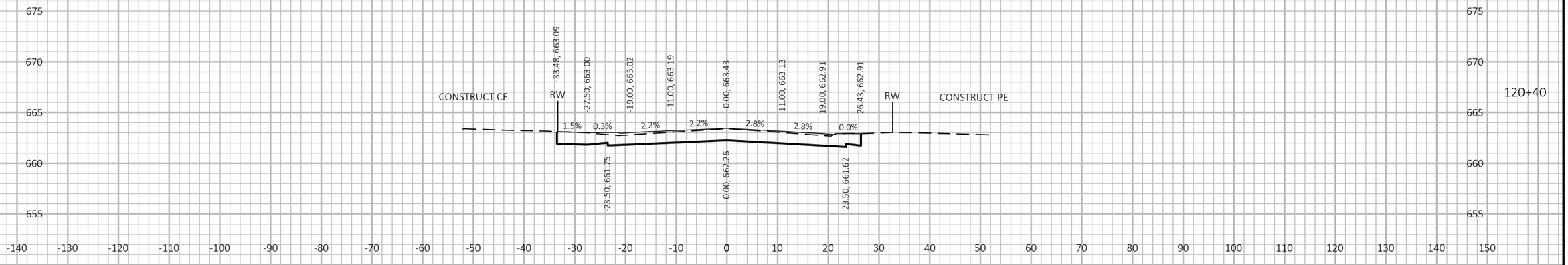
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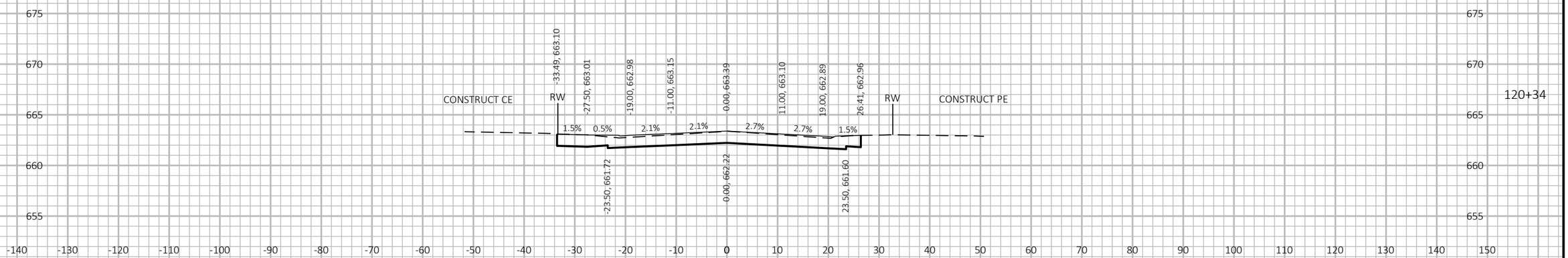
PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	CROSS SECTIONS: CROSS SECTIONS	SHEET 305	E

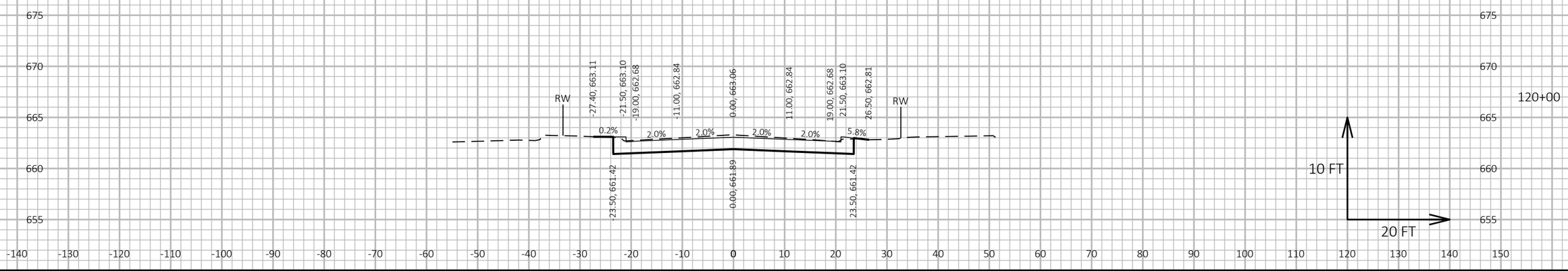
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LAYOUT NAME - 090241_xs

PLOT DATE : 8/4/2026 4:09 PM PLOT BY : WRIGHT, BRANDON PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49







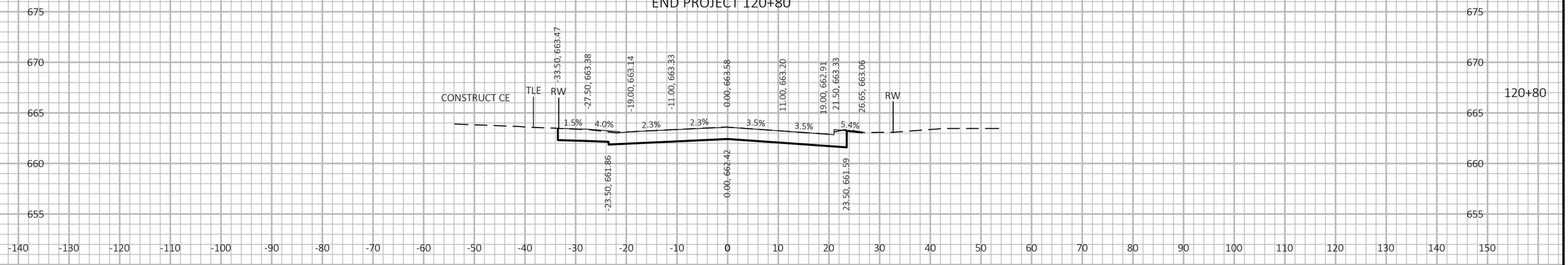
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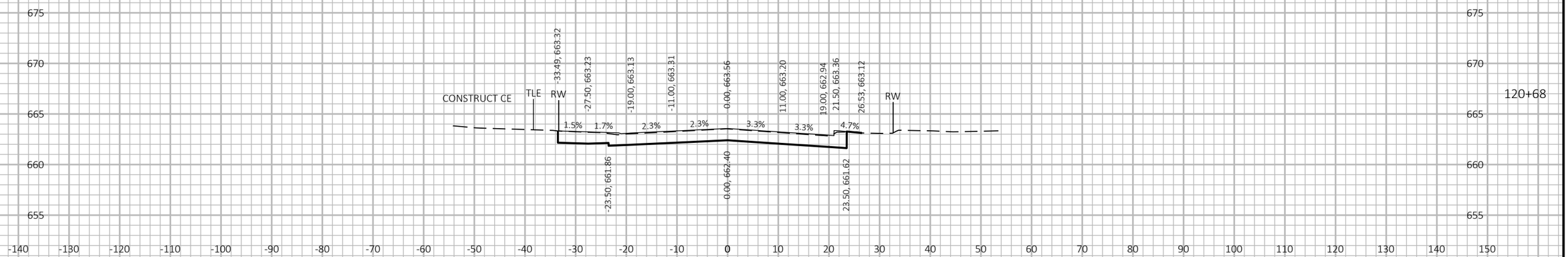
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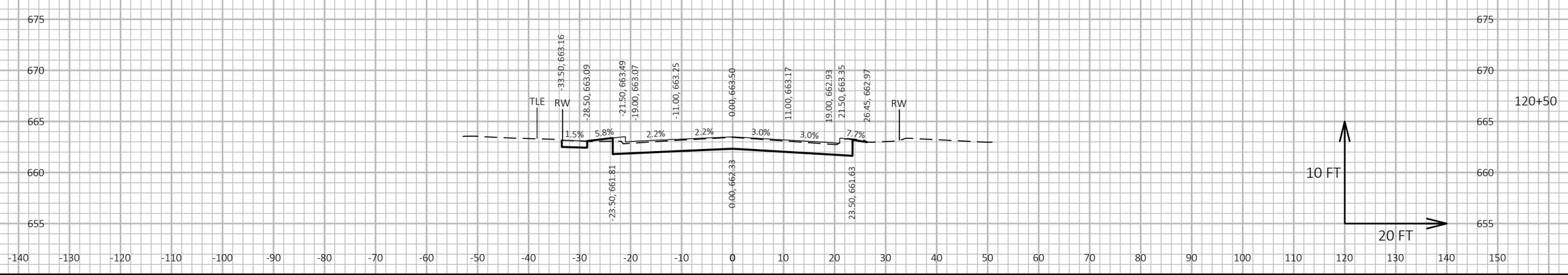
PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	CROSS SECTIONS: CROSS SECTIONS	SHEET 306	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\090201-XS.DWG
LAYOUT NAME - 090242_xs
PLOT DATE : 8/4/2026 4:09 PM
PLOT BY : WRIGHT, BRANDON
PLOT NAME :
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.
WISDOT/CADDS SHEET 49

END PROJECT 120+80







9

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PROJECT NO: 2703-07-72	HWY: LOCAL STREET	COUNTY: RACINE	CROSS SECTIONS: CROSS SECTIONS	SHEET 307	E

FILE NAME : S:\MIL\1000--1099\1092\013\DRAWINGS\CAD\AUTOCAD\27030702\SHEETS\090201-XS.DWG
LAYOUT NAME - 090243_xs

PLOT DATE : 8/4/2026 4:09 PM PLOT BY : WRIGHT, BRANDON PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

Wisconsin Department of Transportation

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