GRE

DECEMBER 2026

PROJECT ID: 4620-02-71

WITH: N/A

COUNTY: OUTAGAMIE

ORDER OF SHEETS

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

TOTAL SHEETS = 264



N

30

DESIGN DESIGNATION

A.A.D.T.	2027	=	5,380
A.A.D.T.	2047	=	5,380
D.H.V.		=	11.9
D.D.		=	59/41
T.		=	5.7%
DESIGN SPEED		=	45 MPH
ESALS		=	400,000

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

APPLETON - LITTLE CHUTE

BALLARD RD - ADAMS ST

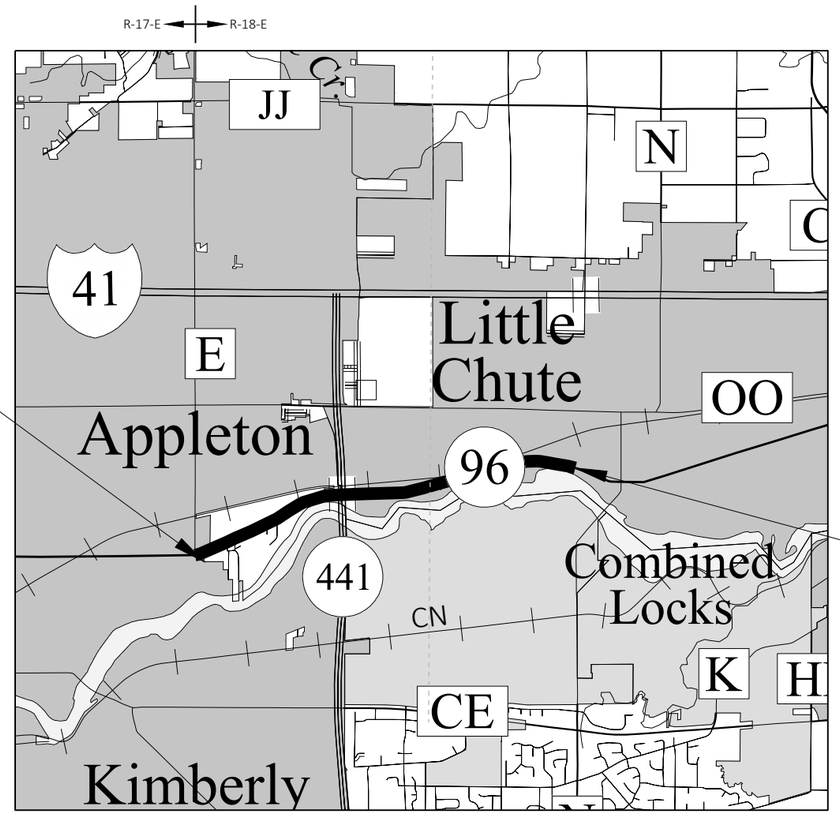
STH 96

OUTAGAMIE COUNTY

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
4620-02-71	WISC 2027083	1

STATE PROJECT NUMBER

4620-02-71



BEGIN PROJECT
STA 596+85.21
Y: 566,452.140
X: 836,073.236

END PROJECT
STA 729+75.90
Y: 569,435.505
X: 848,757.698

LAYOUT

SCALE 0 1.0 MI

TOTAL NET LENGTH OF CENTERLINE = 2.517 MILES

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COORDINATE REFERENCE SYSTEM (WISCRS), OUTAGAMIE 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 12A.

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	NE REGION
Designer	E DANKE
Project Manager	J. HANSEN
Regional Examiner	NE REGION
Regional Supervisor	T. RABE

APPROVED FOR THE DEPARTMENT

DATE: 8-1-2026 (Signature)

E

FILE NAME : N:\PDS\C3D\46200200\SHEETS\010101-TI.DWG PLOT DATE : 7/9/2026 9:52 AM PLOT BY : CRUSE, DEXTER A PLOT NAME :

GENERAL NOTES

THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.

RIGHT OF WAY INFORMATION SHOWN ON THE PLANS IS APPROXIMATE.

CURVE DATA IS BASED ON THE ARC DEFINITION.

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

THE EXACT LOCATION AND WIDTH OF DRIVEWAYS SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD. DRIVEWAYS SHALL BE REPLACED IN KIND UNLESS DIRECTED BY THE ENGINEER OR AS SHOWN IN THE PLANS.

THE PROPOSED SHOULDER WIDTH SHOWN IN THE TYPICAL SECTIONS ARE MINIMUM WIDTH. PERPETUATE EXISTING SHOULDERS THAT ARE WIDER THAN WHAT IS SHOWN IN THE TYPICAL SECTIONS.

DO NOT DRIVE OR STORE EQUIPMENT, OR STORE CONSTRUCTION MATERIALS IN ENVIRONMENTALLY SENSITIVE AREAS, WETLANDS, FLOODPLAINS, OR WATERWAYS.

ORDER OF SECTION 2 DETAIL

SHEETS

GENERAL NOTES
PROJECT OVERVIEW
TYPICAL SECTIONS
CONSTRUCTION DETAILS
REMOVAL DETAILS
BEAM GUARD DETAILS
CURB RAMP DETAILS
EROSION CONTROL DETAILS
PAVEMENT MARKING DETAILS
TRAFFIC CONTROL DETAILS

CONTACTS

WISCONSIN DNR LIAISON

MATTHEW SCHAEVE
2984 SHAWANO AVENUE
GREEN BAY, WI 54313
(920) 366-1544
matthew.schaeve@wisconsin.gov

OUTAGAMIE COUNTY HIGHWAY COMMISSIONER

CURTIS RIEDY
1313 HOLLAND ROAD
APPLETON, WI 54911
(920) 209-9801
curtis.riedy@outagamie.org

NE REGION SURVEY COORDINATOR

CORMAC MCINNIS, P.L.S.
944 VANDERPERREN WAY
GREEN BAY, WI 54304
(920) 492-5638
Cormac.McInnis@dot.wi.gov

NE REGION DESIGN PROJECT MANAGER

JESSE HANSEN, PE
944 VANDERPERREN WAY
GREEN BAY, WI 54304
(920) 362-6095
Jesse.Hansen@dot.wi.gov

UTILITY CONTACTS

MICHAEL DECET
AT&T WISCONSIN - COMMUNICATION LINE
221 W WASHINGTON STREET
APPLETON, WI 54911
(920) 840-4344
MD4321@ATT.COM

DOUG VOSBERG
ATC MANAGEMENT, INC - ELECTRICITY-TRANSMISSION
2489 RINDEN ROAD
COTTAGE GROVE, WI 53527
(608) 877-7650
DVOSBERG@ATCLLC.COM

ERICK CARDEW
CITY OF APPLETON - WATER
2625 GLENDALE AVENUE
APPLETON, WI 54911
(920) 419-6214
ERICK.CARDEW@APPLETONWI.GOV

BILL MENTING
KAUKAUNA UTILITIES - ELECTRICITY
777 ISLAND STREET
KAUKAUNA, WI 54130-7077
(920) 462-0222
BMENTING@KU-WI.ORG

RON SIEJKOWSKI
SPECTRUM - COMMUNICATION LINE
3445 E PLANK AVENUE
APPLETON, WI 54915
(920) 716-7151
RON.SIEJKOWSKI@CHARTER.COM

ROBERT GIVENS
VILLAGE OF LITTLE CHUTE DEPARTMENT OF
PUBLIC WORKS - SANITARY
108 W MAIN STREET
LITTLE CHUTE, WI 54140
(920) 423-3867 (WORK)
(920) 422-4867 (MOBILE)
ROBERT@LITTLECHUTEWI.ORG

HEATH MARTINSON
WE ENERGIES - GAS/PETROLEUM
800 S LYNNDALE DRIVE
APPLETON, WI 54914
(920) 380-3341 (WORK)
(920) 984-0274 (MOBILE)
HEATH.MARTINSON@WE-ENERGIES.COM
CONSTRUCTION FIELD CONTACT:
E-VAN
(920) 858-1565

DOUG VOSBERG
ATC MANAGEMENT, INC - COMMUNICATION LINE
2489 RINDEN ROAD
COTTAGE GROVE, WI 53527
(608) 877-7650
DVOSBERG@ATCLLC.COM

MARK LAHAY
CITY OF APPLETON - SEWER
100 NORTH APPLETON STREET
APPLETON, WI 54911
(920) 832-6486
MARK.LAHAY@APPLETONWI.GOV

GREG KOCH
GRAND CHUTE SANITARY DISTRICT 2 - SEWER
1900 W GRAND CHUTE BLVD
GRAND CHUTE, WI 54913-9613
(920) 832-1581
GREG.KOCH@GRANDCHUTEWI.GOV

JERRY VERSTEGEN
LITTLE CHUTE MUNICIPAL WATER DEPT - WATER
108 W MAIN ST
LITTLE CHUTE, WI 54140
(920) 858-7477
JERRYV@MCO-US.COM

STEVE JAKUBIEC
TDS METROCOM LLC - COMMUNICATION LINE
525 JUNCTION ROAD
MADISON, WI 53717
(920) 562-7221
STEVE.JAKUBIEC@TDSTELECOM.COM

ZACH DUGA
WE ENERGIES - ELECTRICITY
800 S LYNNDALE DRIVE
APPLETON, WI 54914
(920) 380-3458 (WORK)
(920) 450-9314 (MOBILE)
ZACHARY.DUGA@WE-ENERGIES.COM

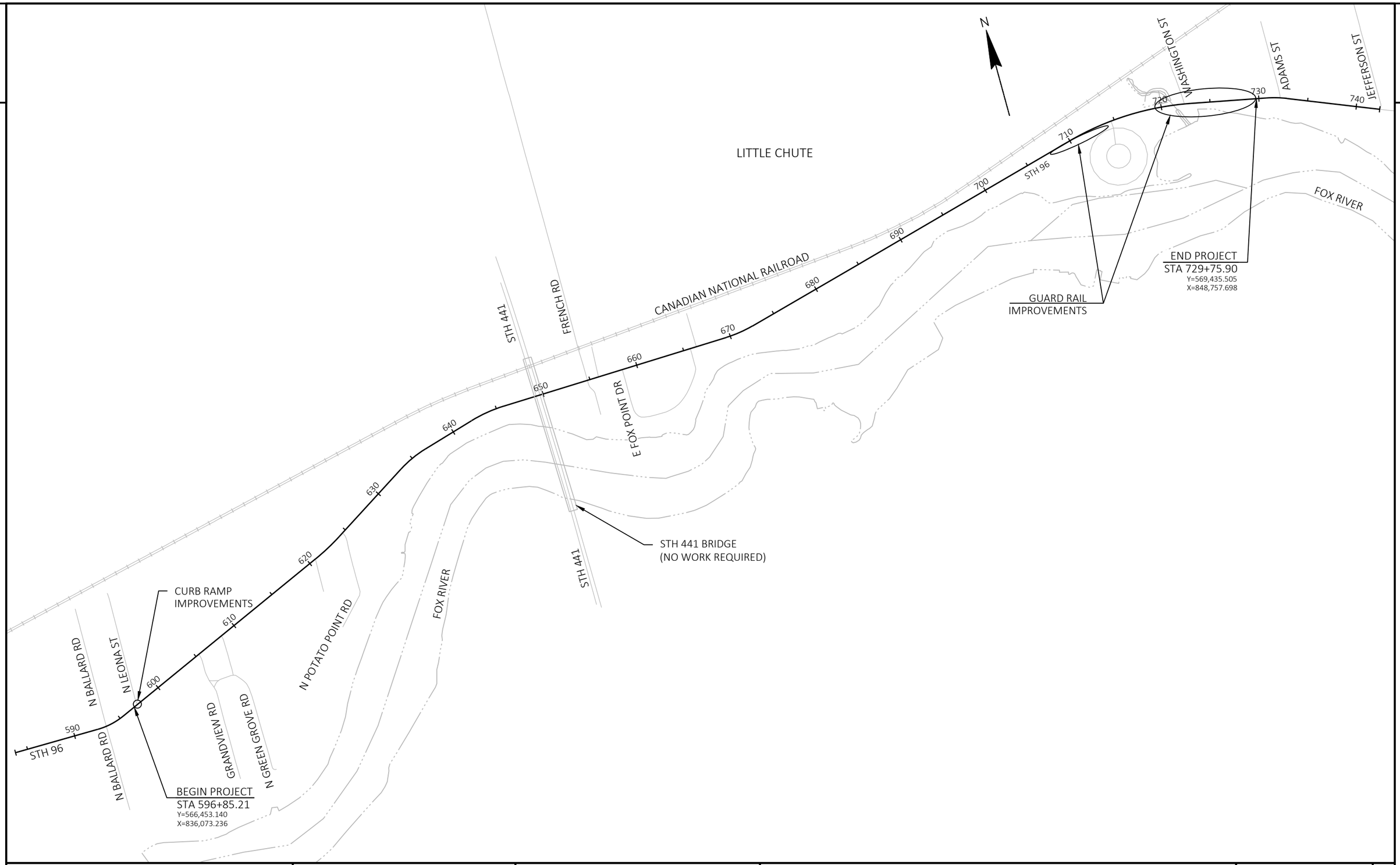
2

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 STRIPTURF:	.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 SLOPETURF:			.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 = 17.36 ACRES
TOTAL AREA EXPECTED TO BE DISTURBED BY CONSTRUCTION ACTIVITIES = 0.20 ACRES

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

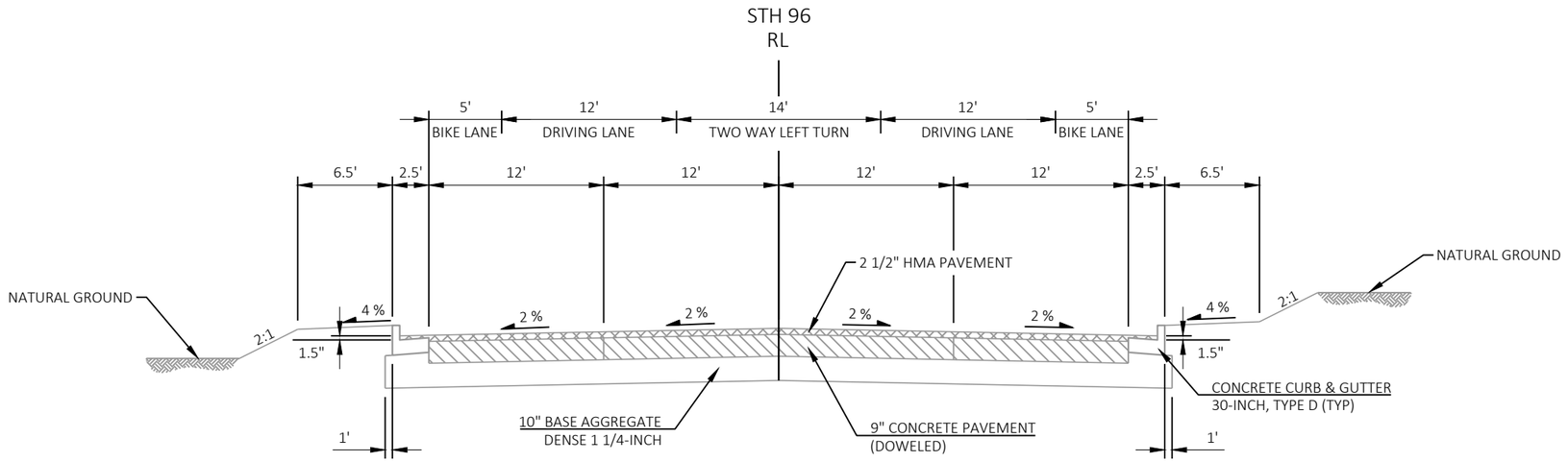


2

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	PROJECT OVERVIEW	SHEET 3	E

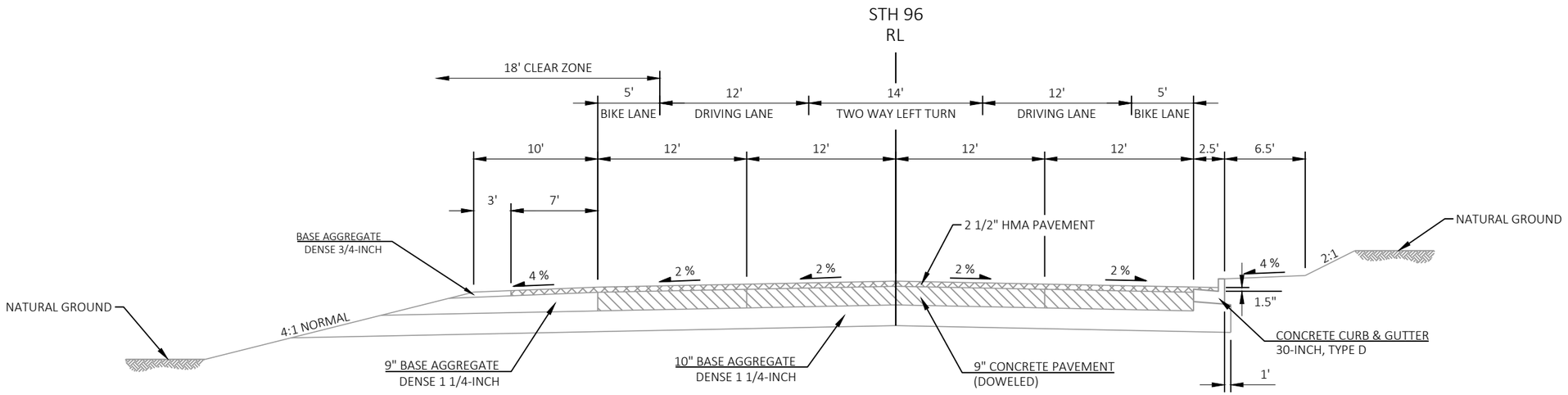
FILE NAME : N:\PDS\C3D\46200200\SHEETS\020201-PO.DWG
LAYOUT NAME - 020201-po
PLOT DATE : 7/2/2026 10:49 AM
PLOT BY : CRUSE, DEXTER A
PLOT NAME :
PLOT SCALE : 1:900
WISDOT/CADDS SHEET 42

2



EXISTING TYPICAL SECTION FOR STH 96

STA 596+85 - 686+10



EXISTING TYPICAL SECTION FOR STH 96

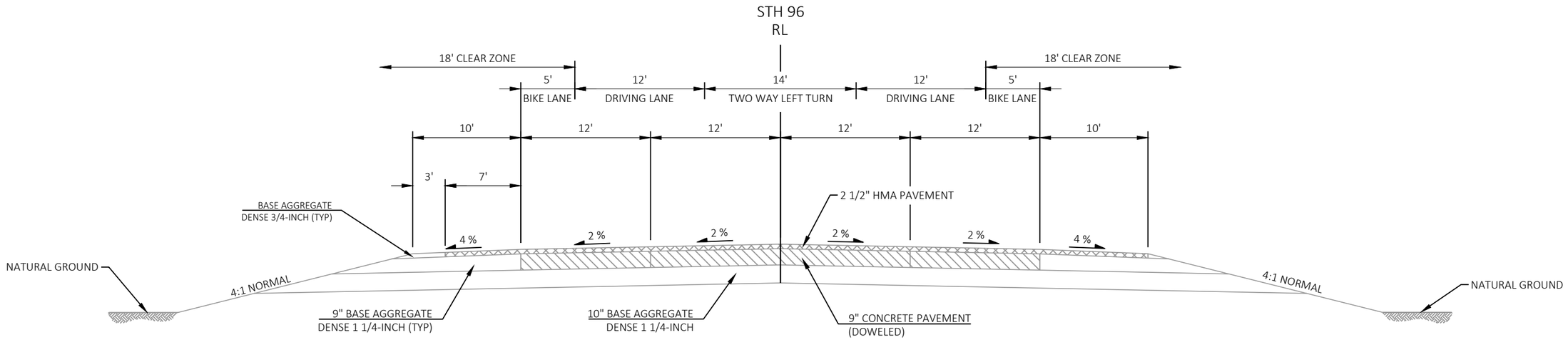
STA 686+10 - 705+00

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	TYPICAL SECTIONS	SHEET 4	E

FILE NAME : N:\PDS\C3D\46200200\SHEETS\020301-TS.DWG
LAYOUT NAME - 020301-ts

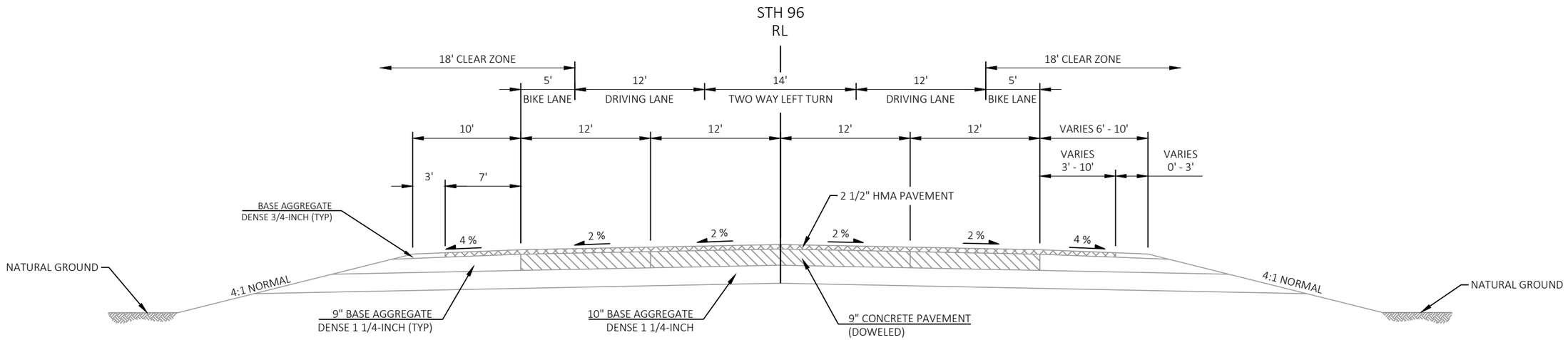
PLOT DATE : 7/14/2026 2:36 PM PLOT BY : CRUSE, DEXTER A PLOT NAME : PLOT SCALE : 1 IN:10 FT

2



EXISTING TYPICAL SECTION FOR STH 96

STA 705+00 - 715+00



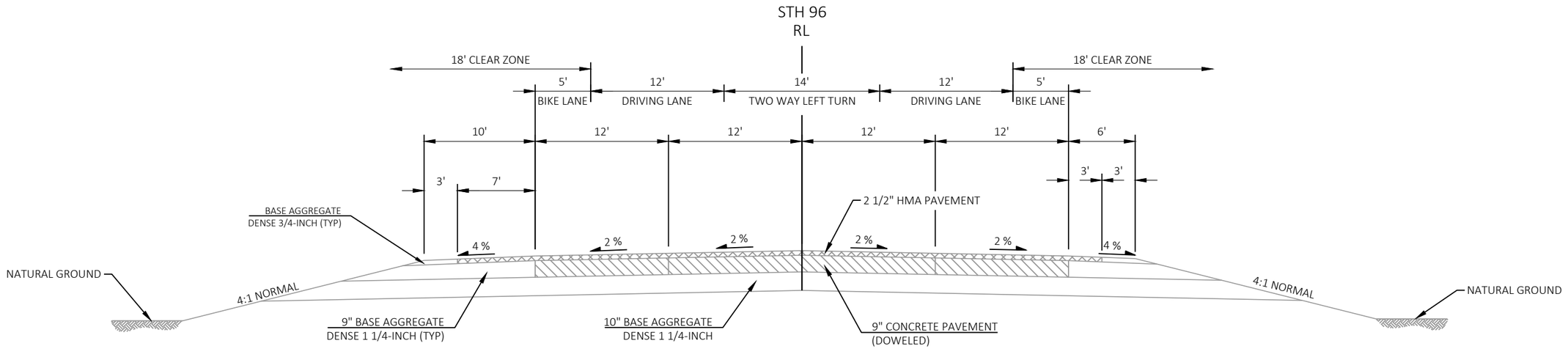
EXISTING TYPICAL SECTION FOR STH 96

STA 715+00 - 720+50

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	TYPICAL SECTIONS	SHEET 5	E

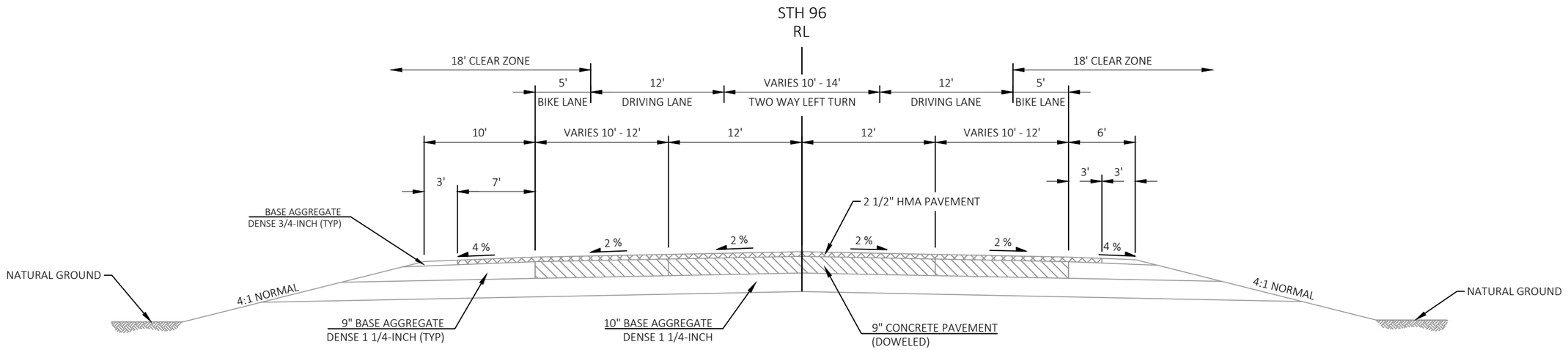
FILE NAME : N:\PDS\C3D\46200200\SHEETS\020301-TS.DWG
LAYOUT NAME - 020302-ts
PLOT DATE : 7/14/2026 2:36 PM
PLOT BY : CRUSE, DEXTER A
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

2



EXISTING TYPICAL SECTION FOR STH 96

STA 720+50 - 726+00

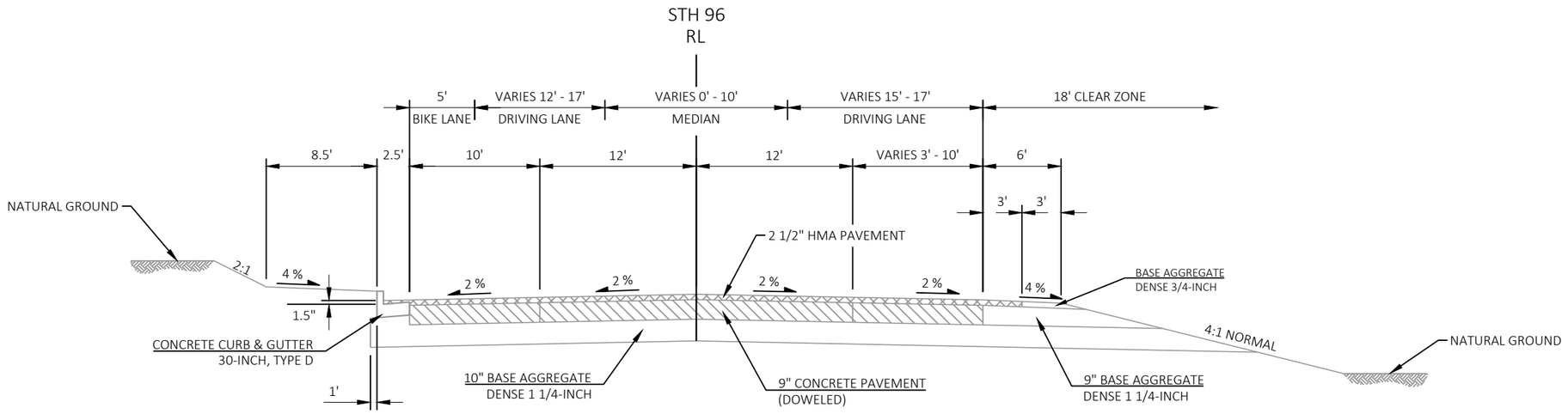


EXISTING TYPICAL SECTION FOR STH 96

STA 726+00 - 727+00

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	TYPICAL SECTIONS	SHEET 6	E

2



EXISTING TYPICAL SECTION FOR STH 96

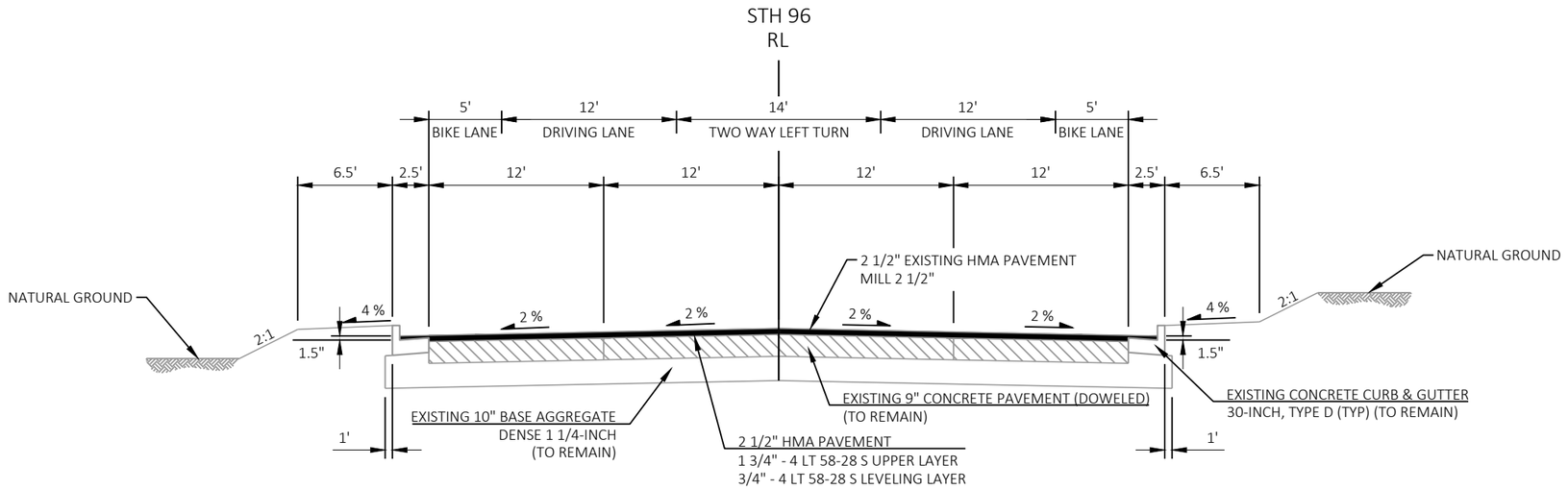
STA 727+00 - 729+76

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	TYPICAL SECTIONS	SHEET 7	E

FILE NAME : N:\PDS\C3D\46200200\SHEETS\020301-TS.DWG
LAYOUT NAME - 020304-ts

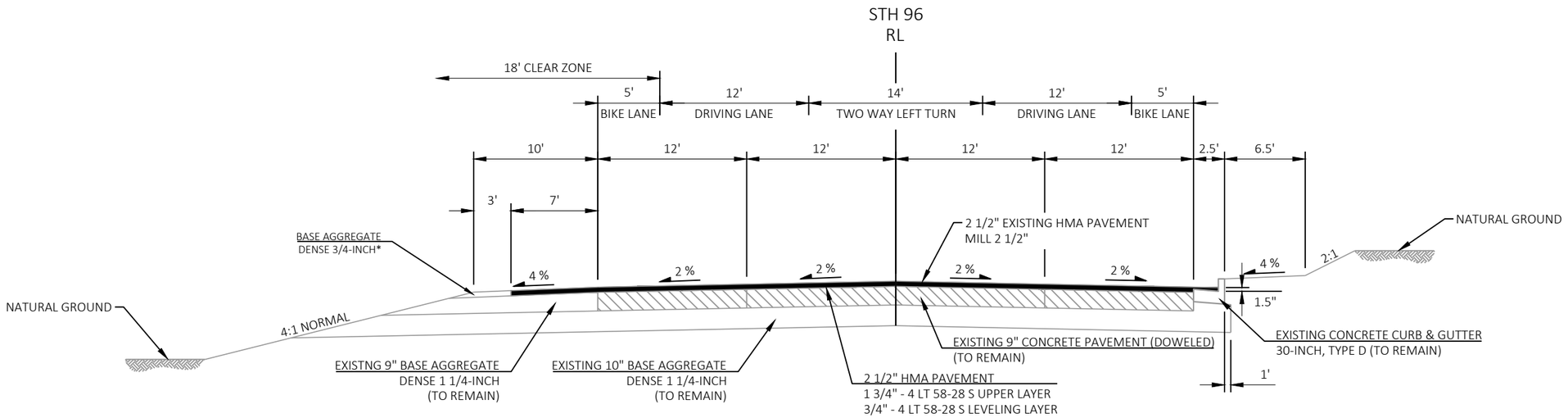
PLOT DATE : 7/14/2026 2:36 PM PLOT BY : CRUSE, DEXTER A PLOT NAME : PLOT SCALE : 1 IN:10 FT

2



FINISHED TYPICAL SECTION FOR STH 96

STA 596+85 - 686+10



* DRESS TOP 1" OF BASE COURSE
SHOULDER AS NEEDED

FINISHED TYPICAL SECTION FOR STH 96

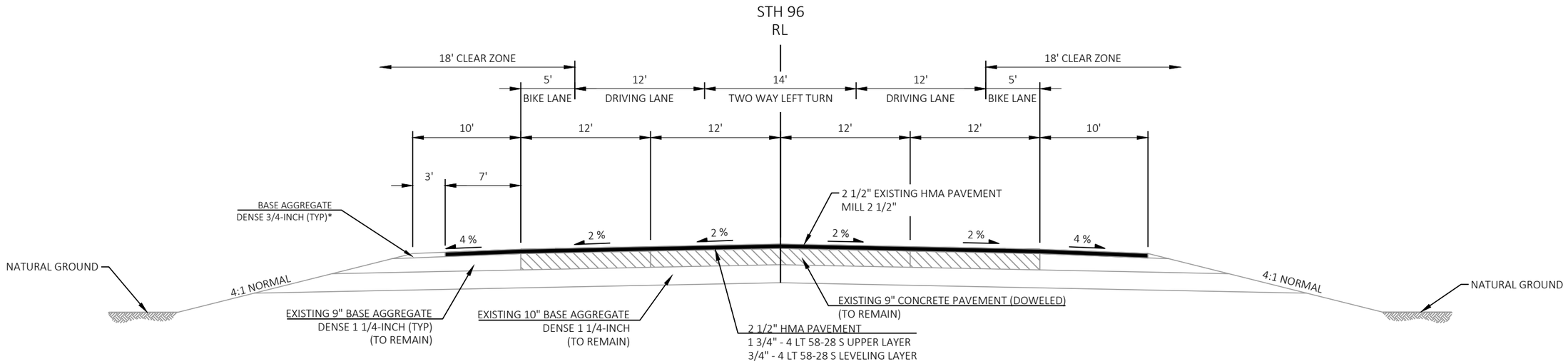
STA 686+10 - 705+00

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	TYPICAL SECTIONS	SHEET 8	E

FILE NAME : N:\PDS\C3D\46200200\SHEETS\020302-TS.DWG
LAYOUT NAME - 020305-ts

PLOT DATE : 7/14/2026 2:36 PM PLOT BY : CRUSE, DEXTER A PLOT NAME : PLOT SCALE : 1 IN:10 FT

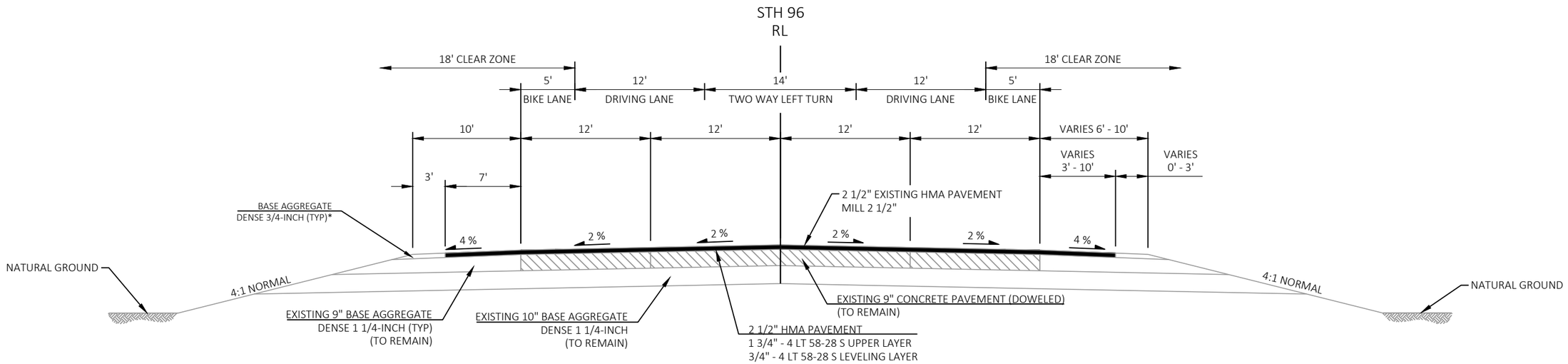
2



* DRESS TOP 1" OF BASE COURSE
SHOULDER AS NEEDED

FINISHED TYPICAL SECTION FOR STH 96

STA 705+00 - 715+00

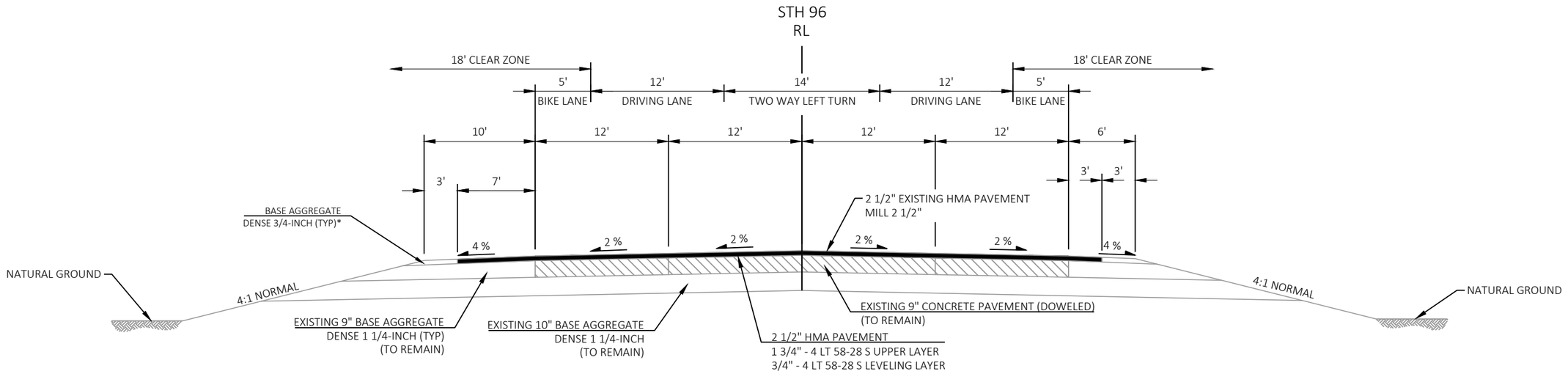


* DRESS TOP 1" OF BASE COURSE
SHOULDER AS NEEDED

FINISHED TYPICAL SECTION FOR STH 96

STA 715+00 - 720+50

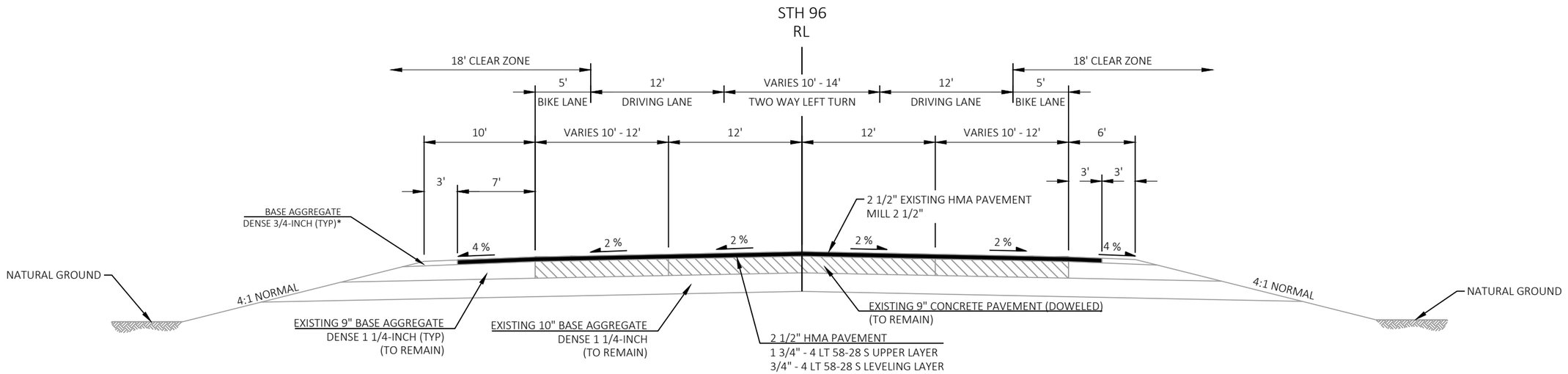
2



* DRESS TOP 1" OF BASE COURSE
SHOULDER AS NEEDED

FINISHED TYPICAL SECTION FOR STH 96

STA 720+50 - 726+00

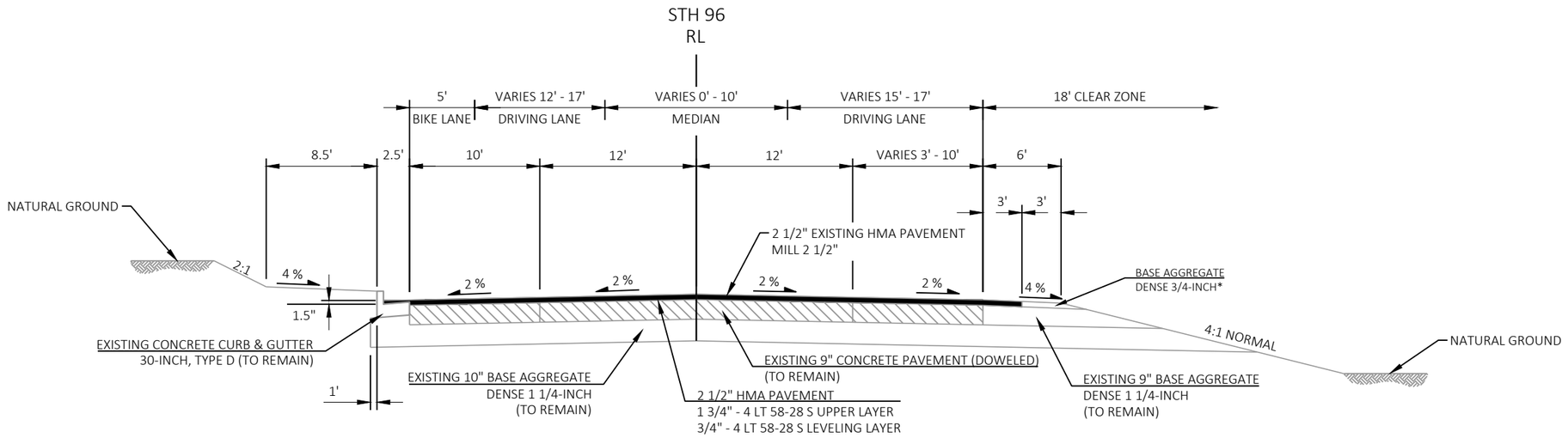


* DRESS TOP 1" OF BASE COURSE
SHOULDER AS NEEDED

FINISHED TYPICAL SECTION FOR STH 96

STA 726+00 - 727+00

2



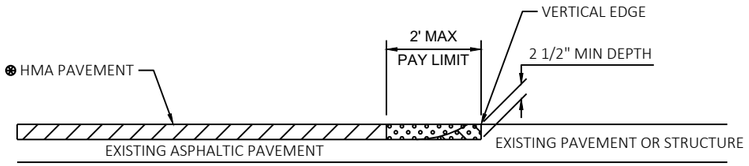
* DRESS TOP 1" OF BASE COURSE SHOULDER AS NEEDED

FINISHED TYPICAL SECTION FOR STH 96

STA 727+00 - 729+76

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	TYPICAL SECTIONS	SHEET 11	E

FILE NAME : N:\PDS\C3D\46200200\SHEETS\020302-TS.DWG
LAYOUT NAME - 020308-ts
PLOT DATE : 7/14/2026 2:36 PM
PLOT BY : CRUSE, DEXTER A
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42



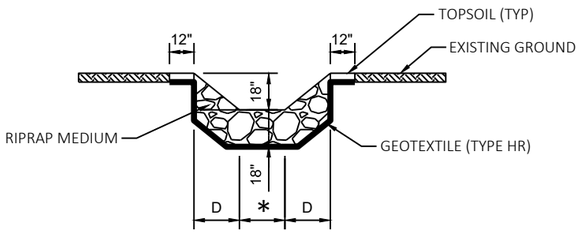
REMOVING ASPHALTIC SURFACE, MILLING

REMOVING ASPHALTIC SURFACE, BUTT JOINTS

REMOVE ASPHALTIC SURFACE WEDGE AT BUTT JOINT TO CREATE VERTICAL EDGE

HMA SEE TYPICAL CROSS SECTION FOR PAVEMENT TYPE AND THICKNESS OF INDIVIDUAL LAYERS

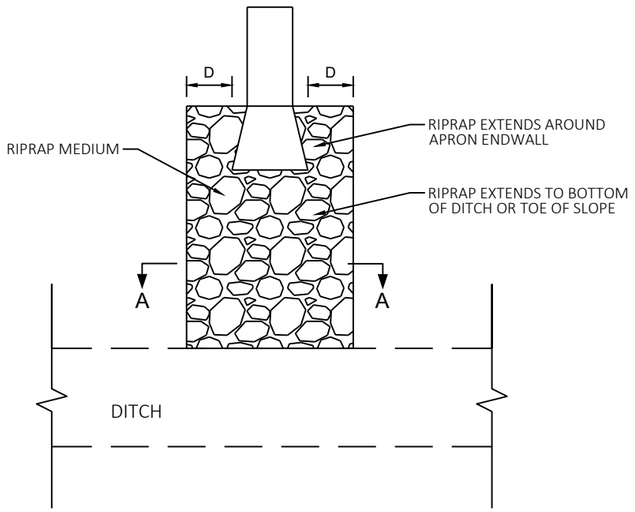
BUTT JOINT DETAIL FOR ASPHALTIC PAVEMENTS (NO PROFILE CHANGE)



SECTION A-A

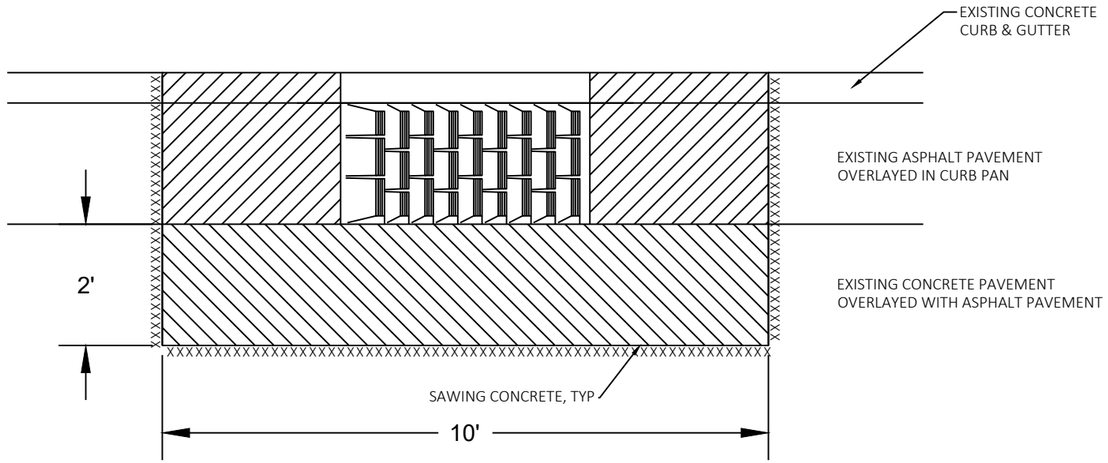
* APRON ENDWALL WIDTH

D = PIPE DIAMETER



PLAN VIEW

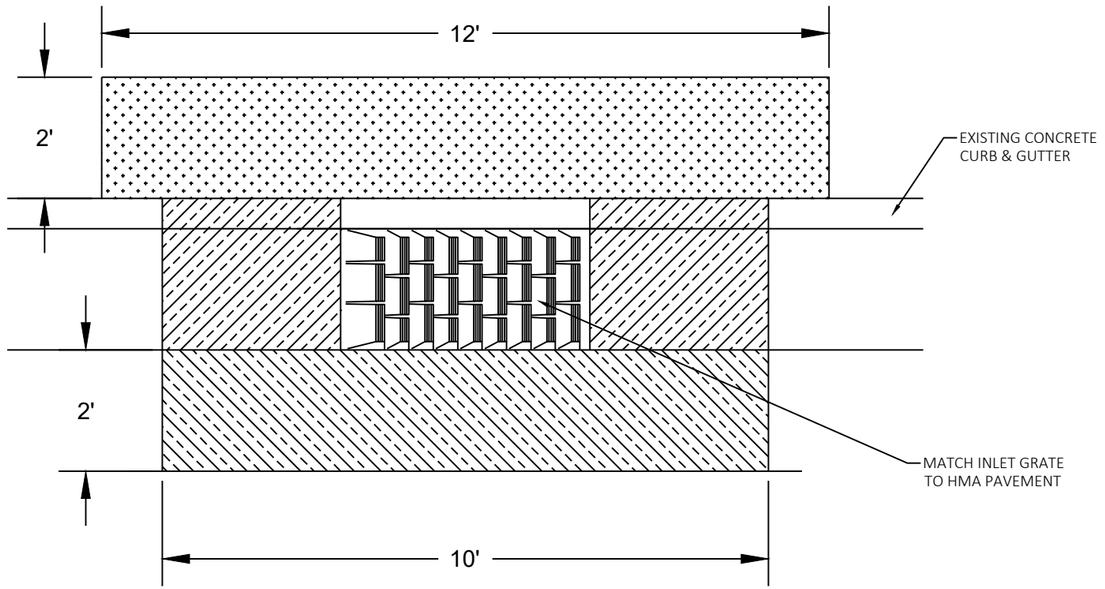
RIPRAP TREATMENT AT STORM SEWER OUTFALLS



REMOVING CURB & GUTTER

REMOVING CONCRETE PAVEMENT

ADJUSTING INLET COVER REMOVAL DETAIL



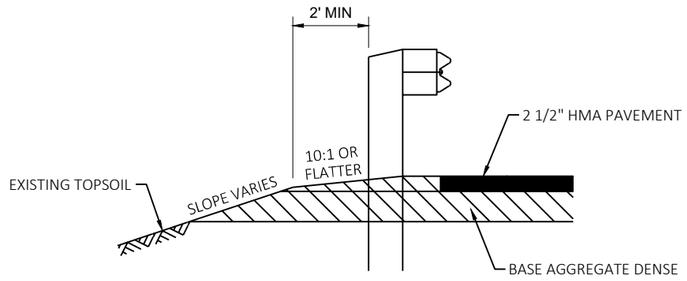
CONCRETE CURB & GUTTER 30-INCH TYPE D WITH HMA PAVEMENT 4 LT 58-28 S OVERLAY IN GUTTER PAN

2.5" HMA PAVEMENT 4 LT 58-28 S OVER CONCRETE BASE 9-INCH

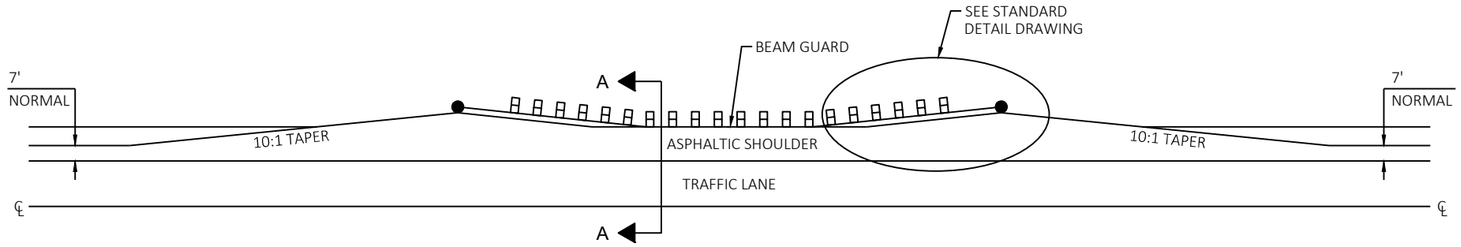
RESTORE DISTURBED AREAS WITH TOPSOIL, FERTILIZER, SEED, AND EMAT

PROPOSED ADJUSTING INLET COVER DETAIL

2



SECTION A-A



DETAIL FOR ASPHALTIC SHOULDER AT BEAM GUARD

2

EXISTING R/W
PROPOSED TLE
EXISTING R/W
ADJUSTING INLET COVERS (SEE CONSTRUCTION DETAIL)
PROPOSED R/W
PERMANENT EASEMENT
REMOVING CONCRETE SIDEWALK
LEONA ST
1'LEO'
REMOVING CURB & GUTTER
PROPOSED TLE
PROPOSED R/W
EXISTING R/W
REMOVING ASPHALTIC SURFACE MILLING
PERMANENT EASEMENT
BEGIN PROJECT
STA 596+85.21
Y=566,453.140
X=836,073.236
595
596
597
598
599
600
601
602
STH 96
REMOVING CURB & GUTTER
EXISTING R/W
REMOVING CONCRETE SIDEWALK
PROPOSED R/W
PROPOSED TLE
ADJUSTING INLET COVERS (SEE CONSTRUCTION DETAIL)
REMOVING ASPHALTIC SURFACE BUTT JOINT
EXISTING R/W
ADJUSTING INLET COVERS (SEE CONSTRUCTION DETAIL)
PERMANENT EASEMENT
MATCH LINE 602+24

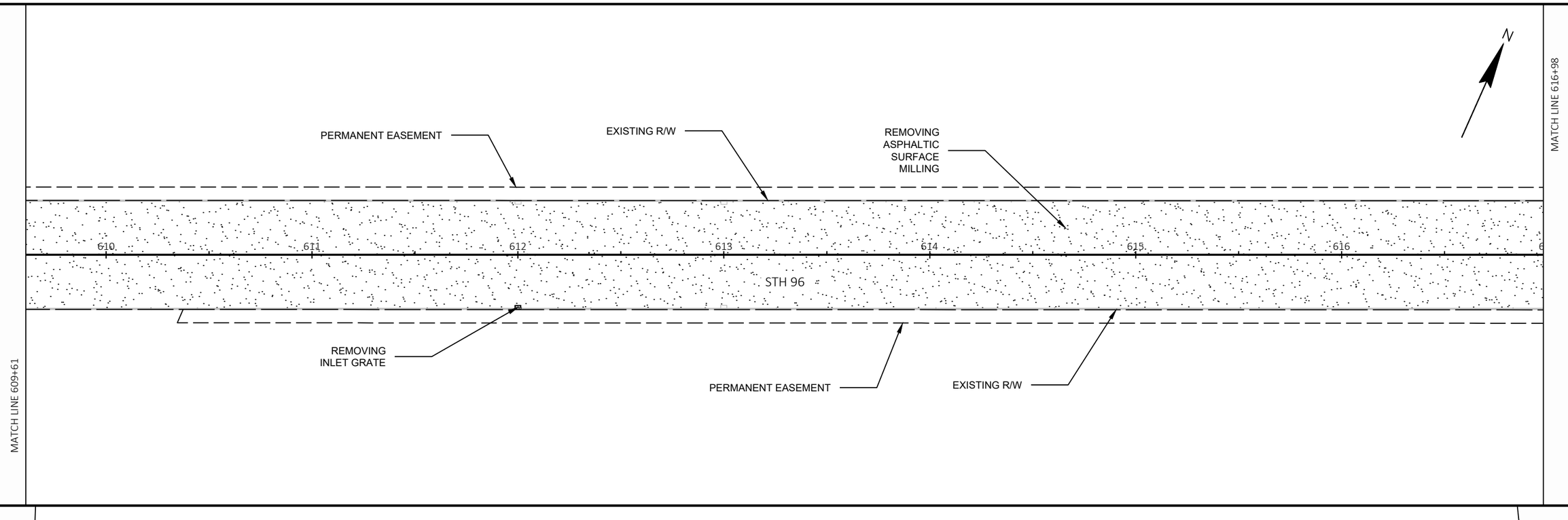
*** SAWING CONCRETE YYYYYY

2

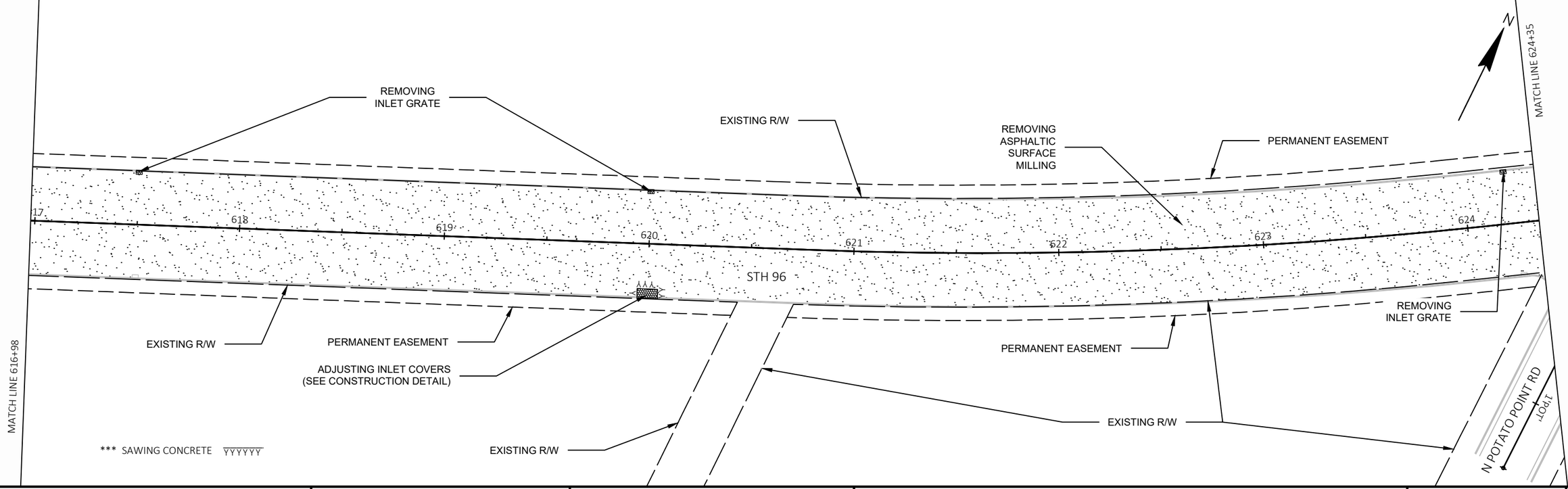
MATCH LINE 609+61
PERMANENT EASEMENT
EXISTING R/W
REMOVING ASPHALTIC SURFACE MILLING
603
604
605
606
607
608
609
STH 96
MATCH LINE 602+24
PERMANENT EASEMENT
EXISTING R/W
N GRANDVIEW RD
1'GRA'
REMOVING ASPHALTIC SURFACE BUTT JOINT
PERMANENT EASEMENT
EXISTING R/W
N GREEN GROVE RD
1'GRE'
EXISTING R/W
REMOVING ASPHALTIC SURFACE BUTT JOINT

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	REMOVAL DETAILS	SHEET 14	E

2



2

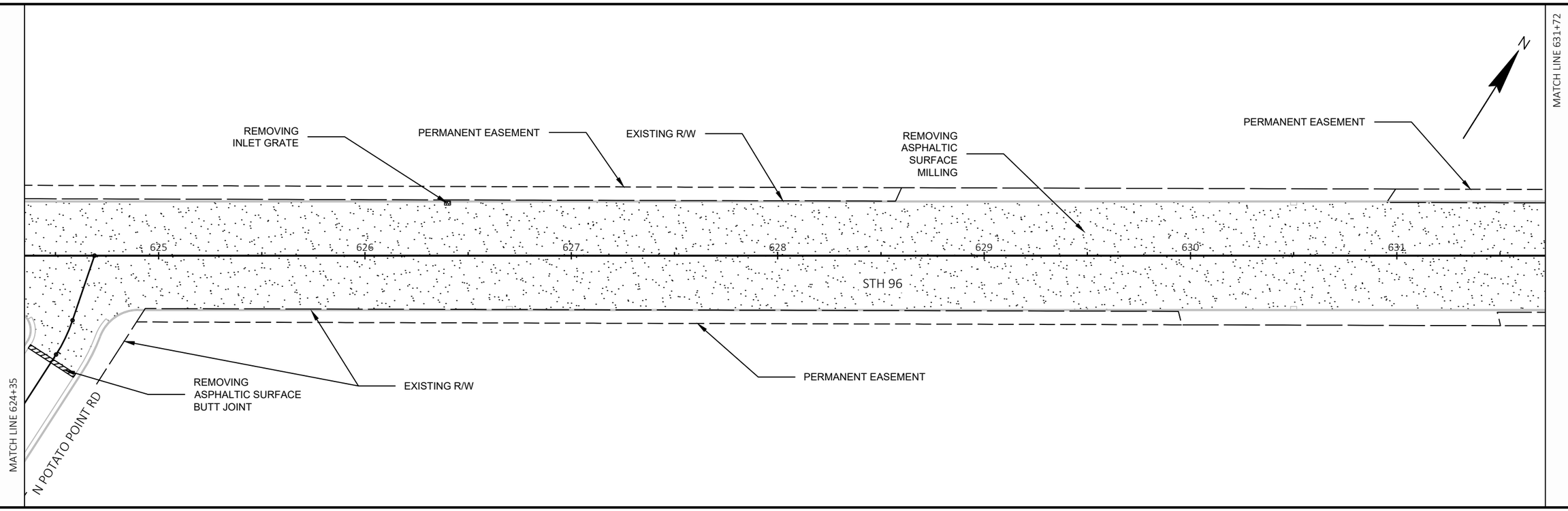


PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	REMOVAL DETAILS	SHEET 15	E

FILE NAME : N:\PDS\C3D\46200200\SHEETS\021101-RM.DWG
LAYOUT NAME - 021102-rm

PLOT DATE : 7/2/2026 10:53 AM PLOT BY : CRUSE, DEXTER A PLOT NAME : PLOT SCALE : 1 IN:50 FT

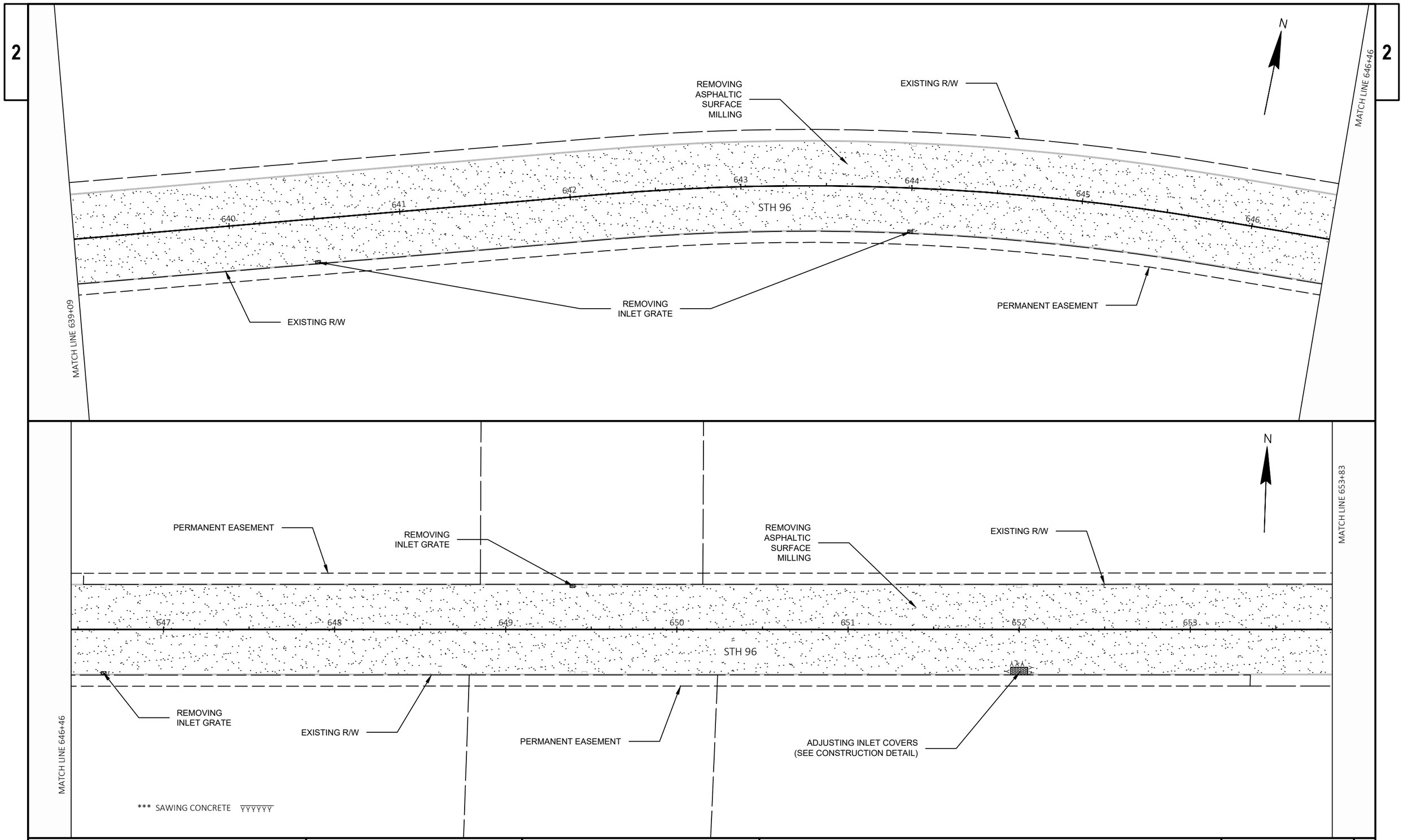
2



2

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	REMOVAL DETAILS	SHEET 16	E

FILE NAME : N:\PDS\C3D\46200200\SHEETS\021101-RM.DWG
LAYOUT NAME - 021103-rm
PLOT DATE : 7/2/2026 10:53 AM
PLOT BY : CRUSE, DEXTER A
PLOT NAME :
PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 44



PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	REMOVAL DETAILS	SHEET 17	E

FILE NAME : N:\PDS\C3D\46200200\SHEETS\021101-RM.DWG
LAYOUT NAME - 021104-rm
PLOT DATE : 7/2/2026 10:53 AM
PLOT BY : CRUSE, DEXTER A
PLOT NAME :
PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 44

2

EXISTING R/W

N FRENCH RD 1'FRE'

EXISTING R/W

PERMANENT EASEMENT

REMOVING ASPHALTIC SURFACE BUTT JOINT

REMOVING ASPHALTIC SURFACE MILLING

PERMANENT EASEMENT

N

MATCH LINE 661+20

654 655 656 657 658 659 660 661

STH 96

MATCH LINE 653+83

EXISTING R/W

REMOVING ASPHALTIC SURFACE BUTT JOINT

REMOVING ASPHALTIC SURFACE BUTT JOINT

EXISTING R/W

EXISTING R/W

RAINBOW LN 1'RAI'

E FOX POINT DR 1'FPW'

2

N

EXISTING R/W

PERMANENT EASEMENT

REMOVING ASPHALTIC SURFACE MILLING

EXISTING R/W

PERMANENT EASEMENT

REMOVING INLET GRATE

PERMANENT EASEMENT

MATCH LINE 668+57

662 663 664 665 666 667 668

STH 96

MATCH LINE 661+20

REMOVING INLET GRATE

EXISTING R/W

REMOVING INLET GRATE

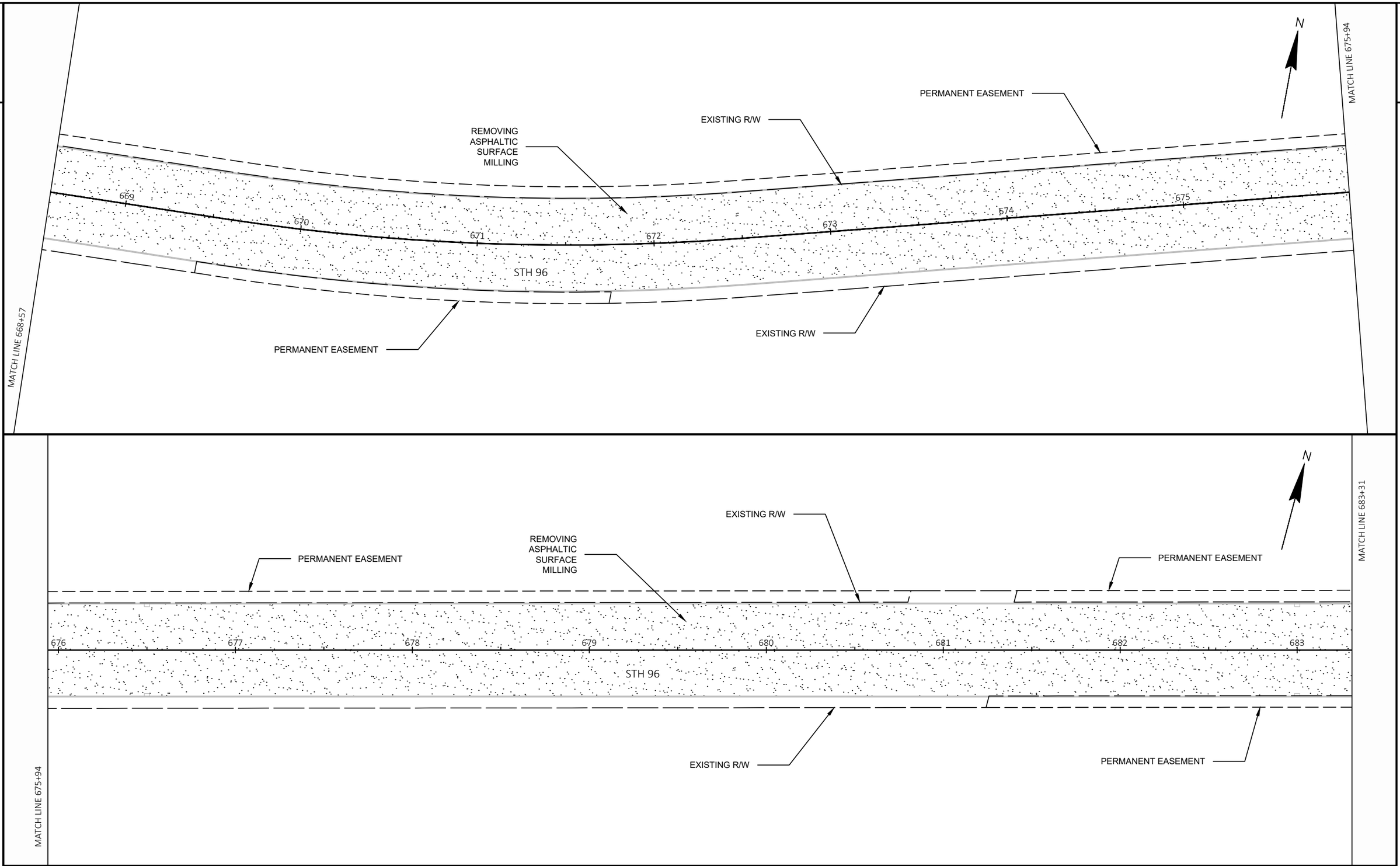
REMOVING ASPHALTIC SURFACE BUTT JOINT

PERMANENT EASEMENT

EXISTING R/W

E FOX POINT DR 1'FPE'

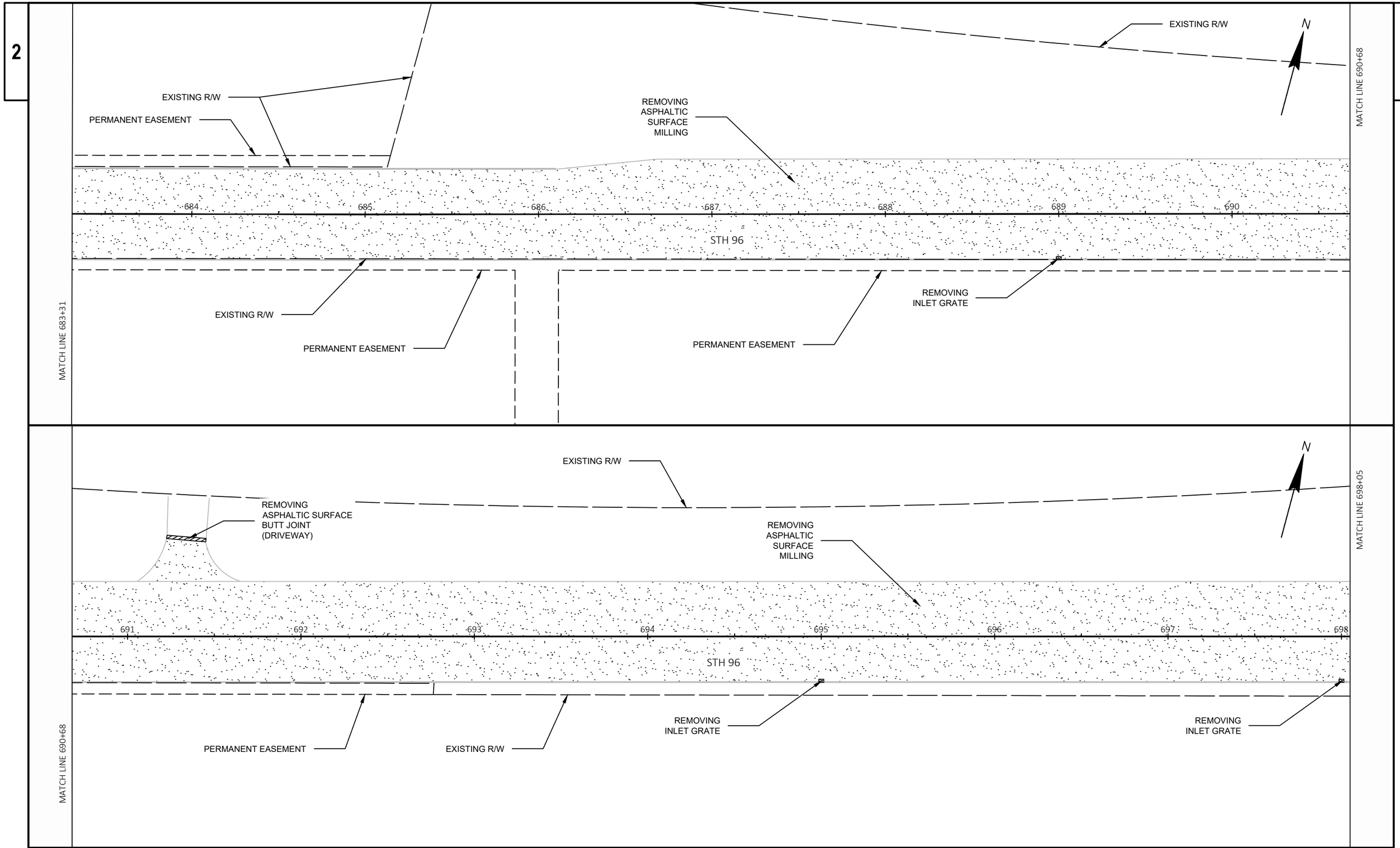
PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	REMOVAL DETAILS	SHEET 18	E



2

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	REMOVAL DETAILS	SHEET 19	E

FILE NAME : N:\PDS\C3D\46200200\SHEETS\021101-RM.DWG
LAYOUT NAME - 021106-rm
PLOT DATE : 7/2/2026 10:53 AM
PLOT BY : CRUSE, DEXTER A
PLOT NAME :
PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 44



PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	REMOVAL DETAILS	SHEET 20	E

2

EXISTING R/W

REMOVING ASPHALTIC SURFACE MILLING

699 700 701 702 703 704 705

STH 96

EXISTING R/W

MATCH LINE 698+05

MATCH LINE 705+42

2

EXISTING R/W

REMOVING ASPHALTIC SURFACE MILLING

706 707 708 709 710 711 712

STH 96

REMOVING GUARDRAIL

REMOVING ASPHALTIC SURFACE BUTT JOINT (DRIVEWAY)

CLEARING AND GRUBBING

REMOVING GUARDRAIL

PROPOSED R/W

EXISTING R/W

MATCH LINE 705+42

MATCH LINE 712+79

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	REMOVAL DETAILS	SHEET 21	E

FILE NAME : N:\PDS\C3D\46200200\SHEETS\021101-RM.DWG
LAYOUT NAME - 021108-rm
PLOT DATE : 7/2/2026 10:53 AM
PLOT BY : CRUSE, DEXTER A
PLOT NAME :
PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 44

2

EXISTING R/W

REMOVING ASPHALTIC SURFACE MILLING

REMOVING ASPHALTIC SURFACE BUTT JOINT (DRIVEWAY)

N

MATCH LINE 720+16

2

713 714 715 716 717 718 719 720

STH 96

REMOVING GUARDRAIL

REMOVING ASPHALTIC SURFACE BUTT JOINT (DRIVEWAY)

REMOVING ASPHALTIC SURFACE BUTT JOINT (DRIVEWAY)

MATCH LINE 712+79

EXISTING R/W

REMOVING ASPHALTIC SURFACE BUTT JOINT

EXISTING R/W

N

MATCH LINE 727+53

T WAS

WASHINGTON ST

REMOVING GUARDRAIL

CLEARING AND GRUBBING (AS NEEDED FOR GUARDRAIL AND RIPRAP)

REMOVING ASPHALTIC SURFACE BUTT JOINT (DRIVEWAY)

REMOVING ASPHALTIC SURFACE MILLING

REMOVING SURFACE DRAIN

REMOVING CURB & GUTTER

721 722 723 724 725 726 727

REMOVING ASPHALTIC SURFACE BUTT JOINT (DRIVEWAY)

STH 96

REMOVING GUARDRAIL

REMOVING GUARDRAIL

MATCH LINE 720+16

EXISTING R/W

CLEARING AND GRUBBING (AS NEEDED FOR GUARDRAIL)

CLEARING AND GRUBBING (AS NEEDED FOR GUARDRAIL)

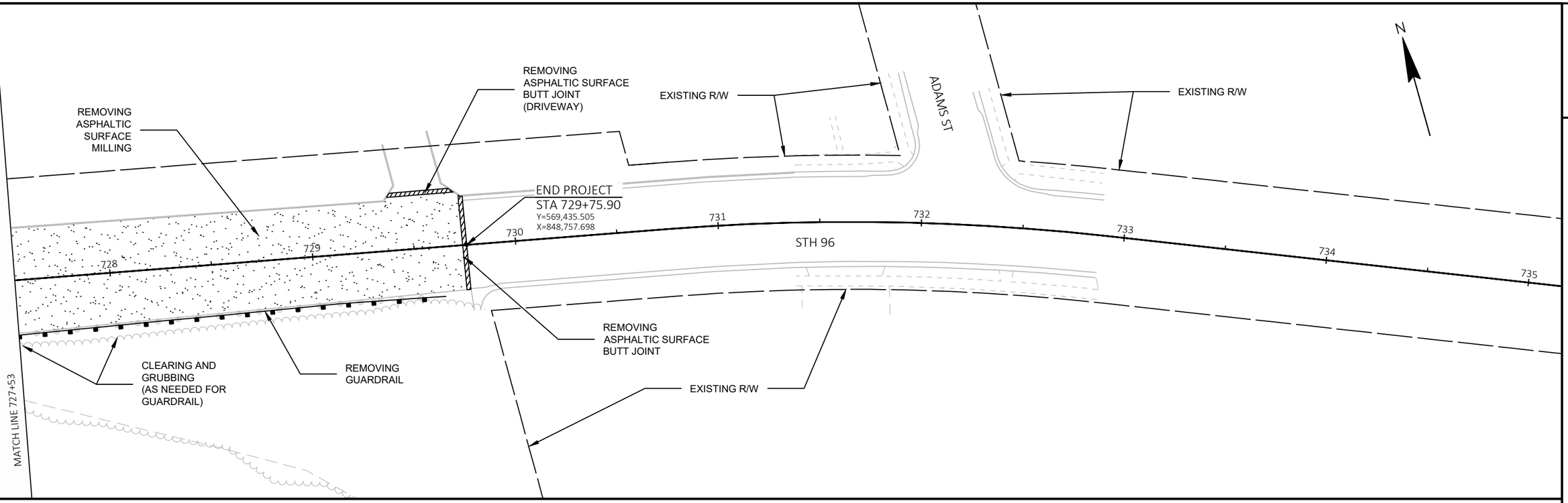
*** SAWING CONCRETE YYYYYY

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	REMOVAL DETAILS	SHEET 22	E

FILE NAME : N:\PDS\C3D\46200200\SHEETS\021101-RM.DWG
LAYOUT NAME - 021109-rm

PLOT DATE : 7/2/2026 10:53 AM PLOT BY : CRUSE, DEXTER A PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 44



2

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	REMOVAL DETAILS	SHEET 23	E

FILE NAME : N:\PDS\C3D\46200200\SHEETS\021101-RM.DWG
LAYOUT NAME - 021110-rm
PLOT DATE : 7/2/2026 10:53 AM
PLOT BY : CRUSE, DEXTER A
PLOT NAME :
PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 44

2

N

EXISTING R/W (TYP)

MGS GUARDRAIL
SHORT RADIUS
ARC LENGTH = 39'
6 CRT POSTS

GRAVEL DRIVEWAY

STEEL PLATE BEAM GUARD SHORT RADIUS
ARC LENGTH = 27'
4 CRT POSTS

ASPHALT SURFACE DRIVEWAYS AND FIELD ENTRANCES

FINISHED EDGE OF HMA PAVEMENT 4 LT 58-28 S

PC: 709+94.23

STH 96

709

710

711

712

713

714

715

CAUTION

R20.00'

R20.00'

STA 708+32.16
38.74' RT

STA 708+07.19
41.40' RT

708

+32.15
34.46' RT
POST #5

+57.13
33.47' RT
POST #9

REMOVE AND
REPLACE SIGN

+06.87
33.95' RT

+74.77
33.56' RT

STA 713+55.01
38.82' RT

+29.71
33.71' RT
POST #9

STA 713+26.57
37.01' RT

REMOVE AND
REPLACE SIGN

+55
34.67' RT
POST #5

+80.30
35.42' RT
POST #1

STEEL PLATE
BEAM GUARD EAT

STA 715+00.75
33.92' RT

SLOPE INTERCEPT

STEEL PLATE BEAM GUARD CLASS A

STA 714+24.66
32.01' RT

STA 713+80.31
41.35' RT

STA 713+80.29
35.42' RT

+54.68
48.30' RT

FINISHED BASE AGGREGATE DENSE 3/4-INCH

STA 711+74.54
53.82' RT
Y=569508.602
X=846986.952

STA 707+48.63
31.22' RT

+07.17
35.46' RT
POST #1

STA 708+07.17
35.46' RT

MGS GUARDRAIL 3

MGS GUARDRAIL
TERMINAL EAT

EXISTING R/W (TYP)

STA 711+06.88
54.22' RT
Y=569494.235
X=846922.147

MGS GUARDRAIL TERMINAL TYPE 2

+47.60
72.32' RT

+26.43
60.85' RT

+17.03
87.45' RT

STEEL PLATE BEAM GUARD CLASS A

CONNECT TO EXISTING
BEAM GUARD

SLOPE INTERCEPT

PROPOSED R/W

STA 708+60.41
37.10' RT

STA 706+95.62
34.20' RT

ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES

FINISHED EDGE OF HMA PAVEMENT 4 LT 58-28 S

FINISHED BASE AGGREGATE DENSE 3/4-INCH

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	PLAN DETAILS - BEAM GUARD	SHEET 24	E

2

2

N

* PLACE DRIVEWAY ENTRANCE CURB IN FRONT OF STEEL PLATE BEAM GUARD SHORT RADIUS (MAXIMUM 2 INCH HEIGHT)

ASPHALT SURFACE DRIVEWAYS AND FIELD ENTRANCES

FINISHED BASE AGGREGATE DENSE 3/4-INCH

FINISHED EDGE OF HMA PAVEMENT 4 LT 58-28 S

REMOVE AND REPLACE SIGN

SLOPE INTERCEPT

STA 718+86.88
-34.23' LT

STA 718+86.87
-31.23' LT

STA 720+04.66
-39.27' LT

STA 720+04.65
-33.33' LT

STA 720+57.18
-34.70' LT

STEEL PLATE BEAM GUARD EAT

STEEL PLATE BEAM GUARD CLASS A

STA 719+82.39
-31.11' LT

+04.65
-33.33' LT
POST #1

+29.34
-32.24' LT
POST #5

+54.05
-31.37' LT
POST #9

CONNECT TO EXISTING BEAM GUARD

STA 722+01.65
-109.55' LT

STEEL PLATE BEAM GUARD CLASS A

STA 721+66.22
-78.93' LT
Y=569666.358
X=847974.075

STEEL PLATE BEAM GUARD SHORT RADIUS
ARC LENGTH = 74'
12 CRT POSTS

+04.89
-110.22' LT

+09.26
-86.90' LT

CONCRETE CURB AND GUTTER
30-INCH TYPE A *

CONCRETE CURB AND GUTTER
30-INCH TYPE D *

REMOVE AND REPLACE SIGN

R45.00'

WASHINGTON ST

2 WAS

1 WAS

EXISTING R/W (TYP)

ASPHALT SURFACE DRIVEWAYS AND FIELD ENTRANCES

PI: 723+04.08

718

719

720

721

722

723

724

725

STH 96

REMOVE AND REPLACE SIGN

+42.97
-31.44' LT

+70.74
-34.16' LT

CAUTION

CONCRETE SURFACE DRAIN

0 WAS

STA 720+01.02
30.80' RT

+23.39
29.49' RT
POST #1

+48.63
28.66' RT
POST #5

+73.85
27.52' RT
POST #9

+55.87
27.15' RT
POST #9

+81.08
28.46' RT
POST #5

+06.31
29.55' RT
POST #1

STA 722+06.31
29.55' RT

STA 722+33.92
27.12' RT

STA 723+16.70
26.79' RT

+37.06
28.76' RT
POST #1

+62.04
27.78' RT
POST #5

+87.02
26.79' RT
POST #9

STA 719+03.20
31.47' RT

STA 719+03.24
33.92' RT

STA 720+23.39
29.49' RT

STA 720+23.46
35.51' RT

MGS GUARDRAIL TERMINAL EAT

MGS GUARDRAIL 3

MGS GUARDRAIL TERMINAL EAT

SLOPE INTERCEPT

STA 720+77.04
31.13' RT

STA 721+52.72
30.73' RT

STA 722+06.24
35.49' RT

STA 722+85.28
31.30' RT

STA 723+36.71
28.76' RT

STA 723+36.72
34.70' RT

STA 723+90.14
26.67' RT

STA 723+90.14
30.10' RT

STEEL PLATE BEAM GUARD EAT

STEEL PLATE BEAM GUARD CLASS A

REMOVE AND REPLACE SIGN

EXISTING R/W (TYP)

ASPHALT SURFACE DRIVEWAYS AND FIELD ENTRANCES

FINISHED EDGE OF HMA PAVEMENT 4 LT 58-28 S

FINISHED BASE AGGREGATE DENSE 3/4-INCH

ASPHALT SURFACE DRIVEWAYS AND FIELD ENTRANCES

FINISHED EDGE OF HMA PAVEMENT 4 LT 58-28 S

FINISHED BASE AGGREGATE DENSE 3/4-INCH

SLOPE INTERCEPT

FOX RIVER

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	PLAN DETAILS - BEAM GUARD	SHEET 25	E

2

N

EXISTING R/W (TYP)

STA 726+00.29
26.95' RT

STA 726+61.03
27.00' RT

726

+66.68
26.92' RT

R=25.00'

+18.48
36.82' RT

+48.14
50.95' RT

727

FINISHED EDGE OF HMA PAVEMENT 4 LT 58-28 S

FINISHED BASE AGGREGATE DENSE 3/4-INCH

REMOVE AND
REPLACE SIGN

+82.75
28.97' RT
POST #1

+07.72
27.80' RT
POST #5

+32.69
26.63' RT
POST #9

728

729

STA 726+82.75
28.97' RT

STA 726+82.80
34.90' RT

STA 727+35.99
30.24' RT

MSG GUARDRAIL
TERMINAL EAT

SLOPE INTERCEPT

MSG GUARDRAIL 3

+13.91
23.24' RT
POST #9

+38.90
23.73' RT
POST #5

+63.90
24.22' RT
POST #1

730

STA 729+07.72
26.99' RT

STA 729+64
30.15' RT

MSG GUARDRAIL
TERMINAL EAT

STA 729+76.94
29.06' RT

STA 729+76.45
22.73' RT

ASPHALT SURFACE DRIVEWAYS AND FIELD ENTRANCES

END PROJECT
STA 729+75.90
Y=569,435.505
X=848,757.698

STH 96

731

732

733

PC: 730+75.59

PT: 732+91.12

ADAMS ST

STEEL PLATE BEAM
GUARD CLASS A

STA 725+69.67
152.19' RT
Y=569364.448
X=848329.756

CONNECT TO EXISTING BEAM GUARD

STEEL PLATE BEAM
GUARD CLASS A

FOX RIVER

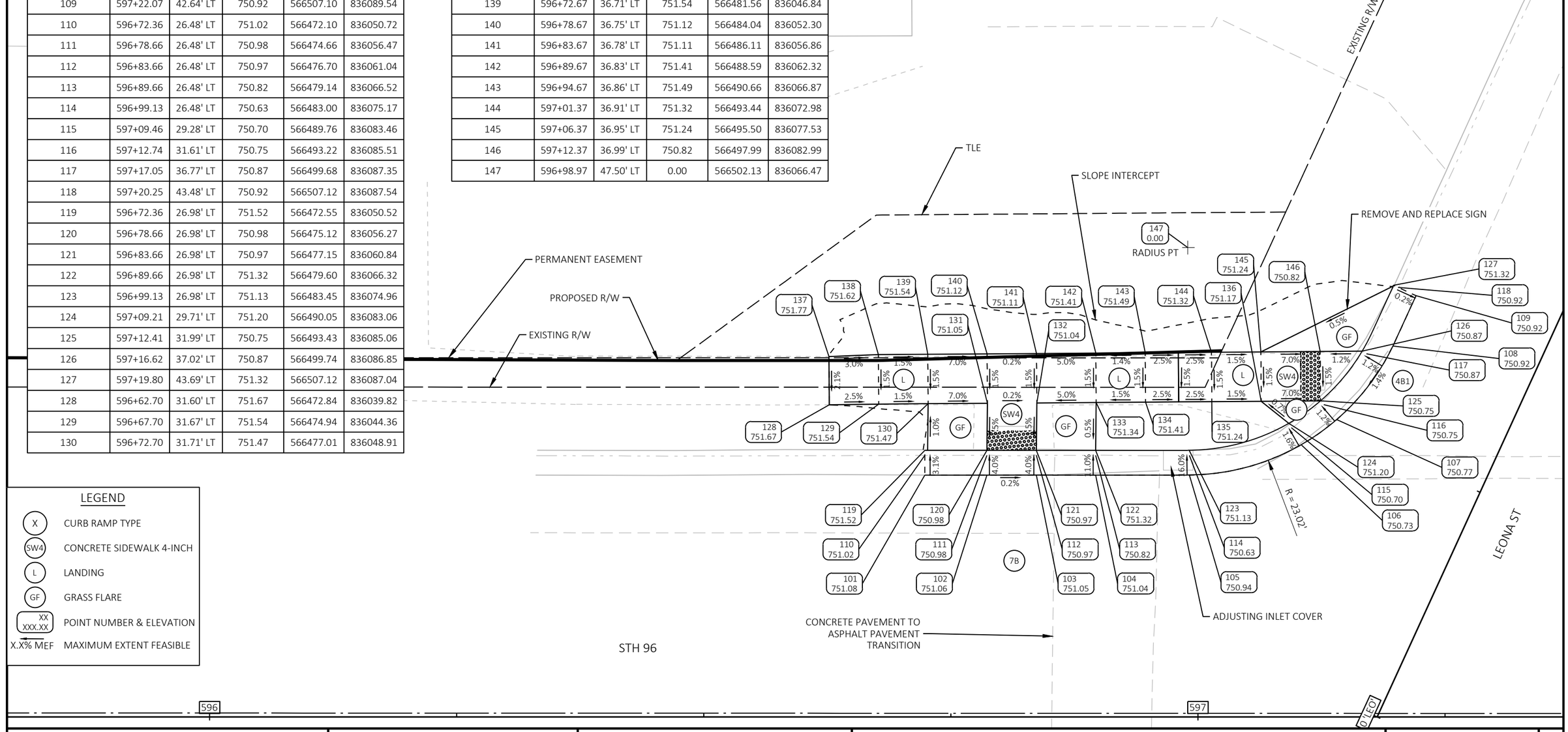
PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	PLAN DETAILS - BEAM GUARD	SHEET 26	E

FILE NAME : N:\PDS\C3D\46200200\SHEETS\021201-PD.DWG
LAYOUT NAME - 021203-pd

PLOT DATE : 10/20/2026 2:01 PM PLOT BY : DANKE, ERIC A PLOT NAME : PLOT SCALE : 1 IN:50 FT

LEONA NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
101	596+72.36	24.48' LT	751.08	566470.27	836051.54
102	596+78.66	24.48' LT	751.06	566472.83	836057.29
103	596+83.66	24.48' LT	751.05	566474.87	836061.85
104	596+89.66	24.48' LT	751.04	566477.31	836067.33
105	596+99.14	24.48' LT	750.94	566481.17	836076.00
106	597+10.45	27.55' LT	750.73	566488.58	836085.08
107	597+14.05	30.10' LT	750.77	566492.37	836087.32
108	597+19.73	37.54' LT	750.92	566501.49	836089.48
109	597+22.07	42.64' LT	750.92	566507.10	836089.54
110	596+72.36	26.48' LT	751.02	566472.10	836050.72
111	596+78.66	26.48' LT	750.98	566474.66	836056.47
112	596+83.66	26.48' LT	750.97	566476.70	836061.04
113	596+89.66	26.48' LT	750.82	566479.14	836066.52
114	596+99.13	26.48' LT	750.63	566483.00	836075.17
115	597+09.46	29.28' LT	750.70	566489.76	836083.46
116	597+12.74	31.61' LT	750.75	566493.22	836085.51
117	597+17.05	36.77' LT	750.87	566499.68	836087.35
118	597+20.25	43.48' LT	750.92	566507.12	836087.54
119	596+72.36	26.98' LT	751.52	566472.55	836050.52
120	596+78.66	26.98' LT	750.98	566475.12	836056.27
121	596+83.66	26.98' LT	750.97	566477.15	836060.84
122	596+89.66	26.98' LT	751.32	566479.60	836066.32
123	596+99.13	26.98' LT	751.13	566483.45	836074.96
124	597+09.21	29.71' LT	751.20	566490.05	836083.06
125	597+12.41	31.99' LT	750.75	566493.43	836085.06
126	597+16.62	37.02' LT	750.87	566499.74	836086.85
127	597+19.80	43.69' LT	751.32	566507.12	836087.04
128	596+62.70	31.60' LT	751.67	566472.84	836039.82
129	596+67.70	31.67' LT	751.54	566474.94	836044.36
130	596+72.70	31.71' LT	751.47	566477.01	836048.91

LEONA NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
131	596+78.70	31.75' LT	751.05	566479.49	836054.37
132	596+83.70	31.78' LT	751.04	566481.56	836058.92
133	596+89.70	31.83' LT	751.34	566484.04	836064.39
134	596+94.70	31.86' LT	751.41	566486.11	836068.94
135	597+01.41	31.91' LT	751.24	566488.88	836075.04
136	597+06.41	31.95' LT	751.17	566490.95	836079.60
137	596+62.67	36.47' LT	751.77	566477.28	836037.80
138	596+67.67	36.67' LT	751.62	566479.49	836042.29
139	596+72.67	36.71' LT	751.54	566481.56	836046.84
140	596+78.67	36.75' LT	751.12	566484.04	836052.30
141	596+83.67	36.78' LT	751.11	566486.11	836056.86
142	596+89.67	36.83' LT	751.41	566488.59	836062.32
143	596+94.67	36.86' LT	751.49	566490.66	836066.87
144	597+01.37	36.91' LT	751.32	566493.44	836072.98
145	597+06.37	36.95' LT	751.24	566495.50	836077.53
146	597+12.37	36.99' LT	750.82	566497.99	836082.99
147	596+98.97	47.50' LT	0.00	566502.13	836066.47

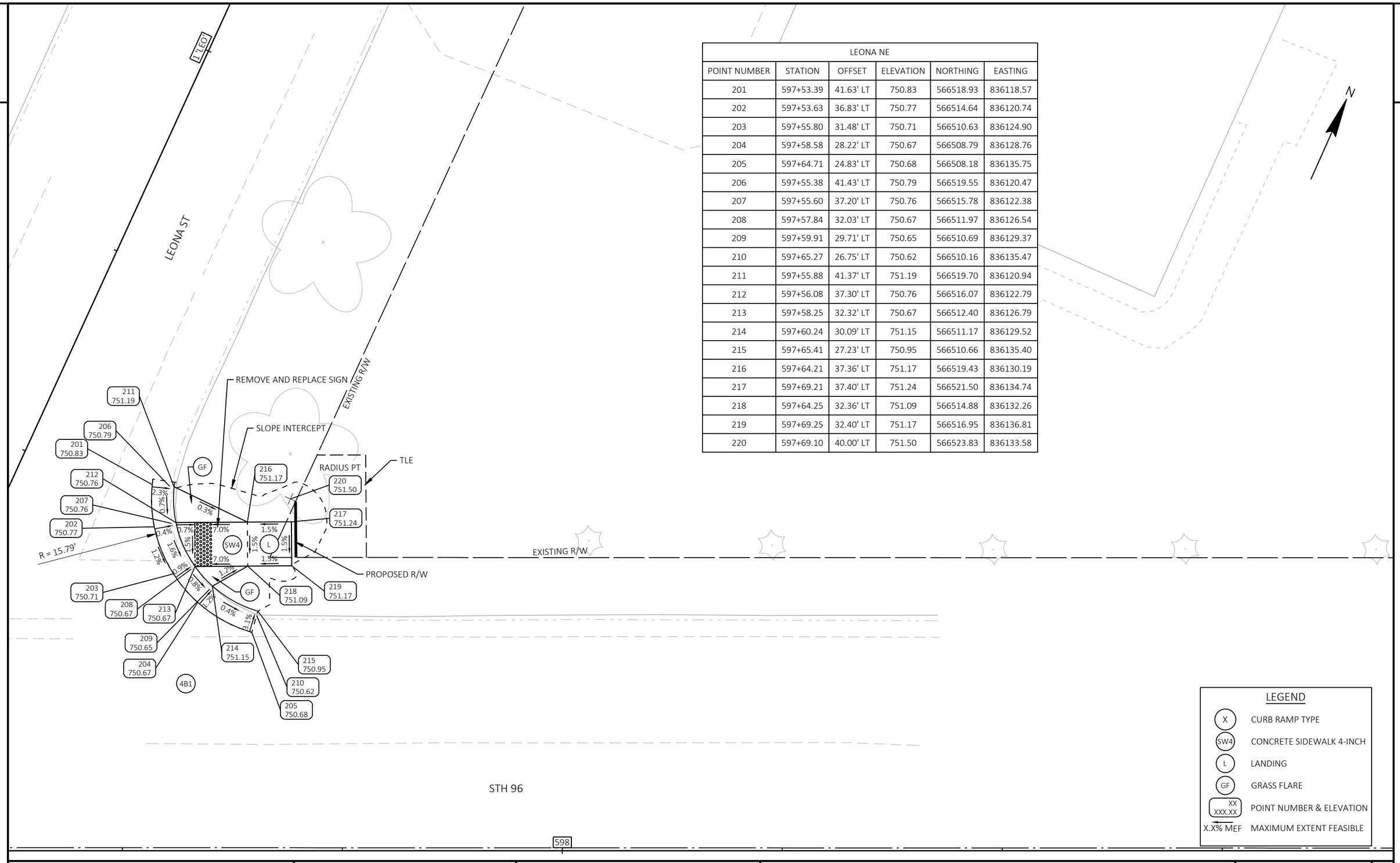


PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET 27	E

FILE NAME : N:\PDS\C3D\46200200\SHEETS\021301-CR.DWG
LAYOUT NAME - LEONA ST - NW
PLOT DATE : 7/14/2026 2:51 PM
PLOT BY : CRUSE, DEXTER A
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

2

LEONA NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
201	597+53.39	41.63' LT	750.83	566518.93	836118.57
202	597+53.63	36.83' LT	750.77	566514.64	836120.74
203	597+55.80	31.48' LT	750.71	566510.63	836124.90
204	597+58.58	28.22' LT	750.67	566508.79	836128.76
205	597+64.71	24.83' LT	750.68	566508.18	836135.75
206	597+55.38	41.43' LT	750.79	566519.55	836120.47
207	597+55.60	37.20' LT	750.76	566515.78	836122.38
208	597+57.84	32.03' LT	750.67	566511.97	836126.54
209	597+59.91	29.71' LT	750.65	566510.69	836129.37
210	597+65.27	26.75' LT	750.62	566510.16	836135.47
211	597+55.88	41.37' LT	751.19	566519.70	836120.94
212	597+56.08	37.30' LT	750.76	566516.07	836122.79
213	597+58.25	32.32' LT	750.67	566512.40	836126.79
214	597+60.24	30.09' LT	751.15	566511.17	836129.52
215	597+65.41	27.23' LT	750.95	566510.66	836135.40
216	597+64.21	37.36' LT	751.17	566519.43	836130.19
217	597+69.21	37.40' LT	751.24	566521.50	836134.74
218	597+64.25	32.36' LT	751.09	566514.88	836132.26
219	597+69.25	32.40' LT	751.17	566516.95	836136.81
220	597+69.10	40.00' LT	751.50	566523.83	836133.58



LEGEND

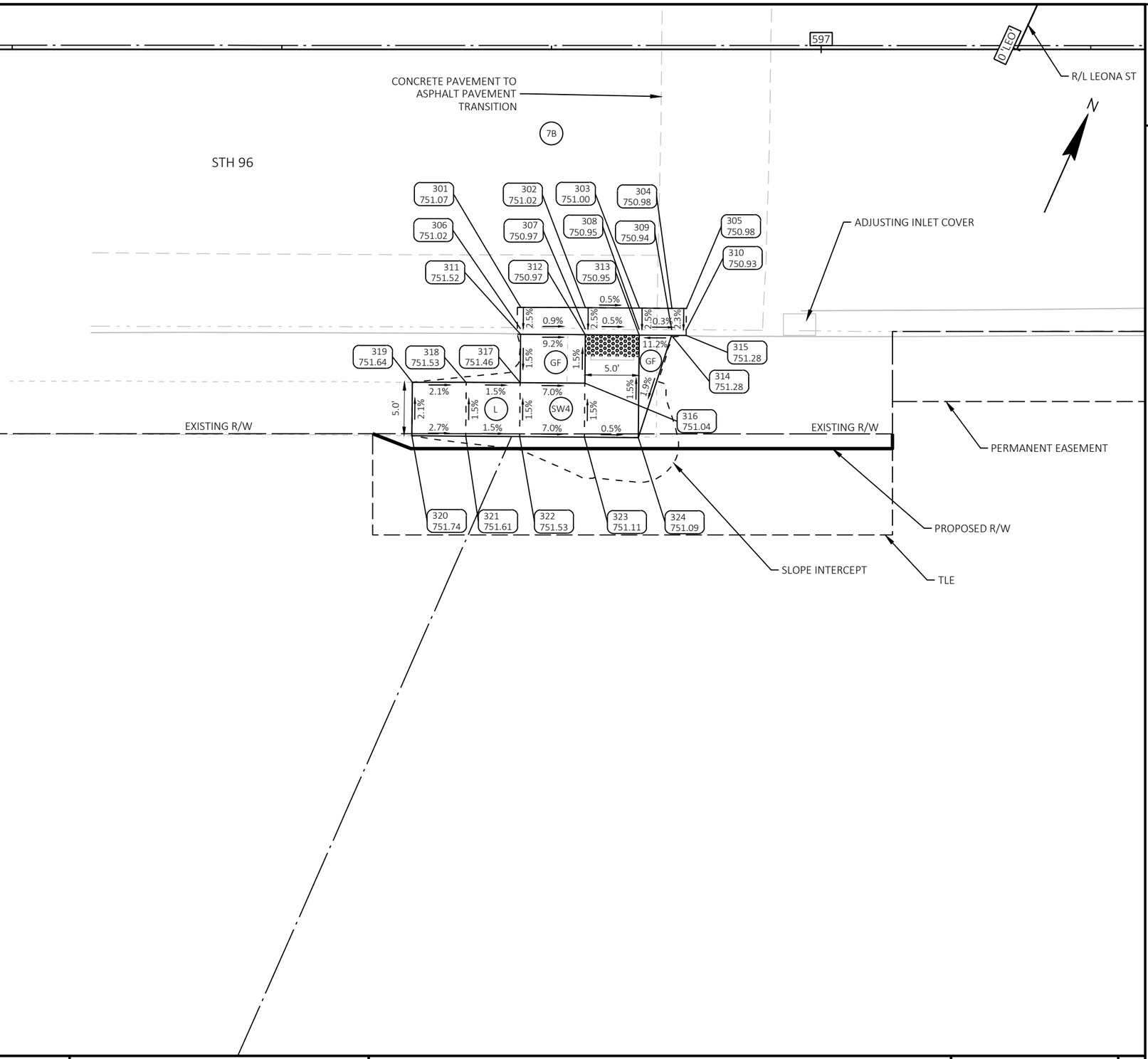
- X — CURB RAMP TYPE
- SW4 — CONCRETE SIDEWALK 4-INCH
- L — LANDING
- GF — GRASS FLARE
- XX / XXX.XX — POINT NUMBER & ELEVATION
- X.X% MEF — MAXIMUM EXTENT FEASIBLE

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET 28	E

FILE NAME : N:\PDS\C3D\46200200\SHEETS\021301-CR.DWG
LAYOUT NAME - LEONA ST - NE

PLOT DATE : 7/14/2026 2:51 PM PLOT BY : CRUSE, DEXTER A PLOT NAME : PLOT SCALE : 1 IN:10 FT

LEONA SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
301	596+72.14	23.91' RT	751.07	566425.99	836071.03
302	596+78.15	23.93' RT	751.02	566428.41	836076.53
303	596+83.15	23.97' RT	751.00	566430.41	836081.12
304	596+86.16	24.00' RT	750.98	566431.60	836083.87
305	596+87.50	24.01' RT	750.98	566432.14	836085.11
306	596+72.13	25.91' RT	751.02	566424.16	836071.84
307	596+78.13	25.93' RT	750.97	566426.57	836077.33
308	596+83.13	25.97' RT	750.95	566428.57	836081.92
309	596+86.13	26.00' RT	750.94	566429.77	836084.67
310	596+87.48	26.01' RT	750.93	566430.30	836085.90
311	596+72.13	26.41' RT	751.52	566423.70	836072.04
312	596+78.13	26.43' RT	750.97	566426.11	836077.53
313	596+83.13	26.47' RT	750.95	566428.11	836082.12
314	596+86.13	26.50' RT	751.28	566429.31	836084.87
315	596+87.48	26.51' RT	751.28	566429.85	836086.10
316	596+78.08	30.95' RT	751.04	566421.97	836079.33
317	596+72.09	30.89' RT	751.46	566419.59	836073.83
318	596+67.06	30.85' RT	751.53	566417.57	836069.22
319	596+62.09	30.85' RT	751.64	566415.55	836064.68
320	596+62.04	35.80' RT	751.74	566411.01	836066.65
321	596+67.04	35.85' RT	751.61	566413.00	836071.24
322	596+72.04	35.89' RT	751.53	566415.00	836075.82
323	596+78.04	35.95' RT	751.11	566417.39	836081.32
324	596+83.04	35.99' RT	751.09	566419.38	836085.90

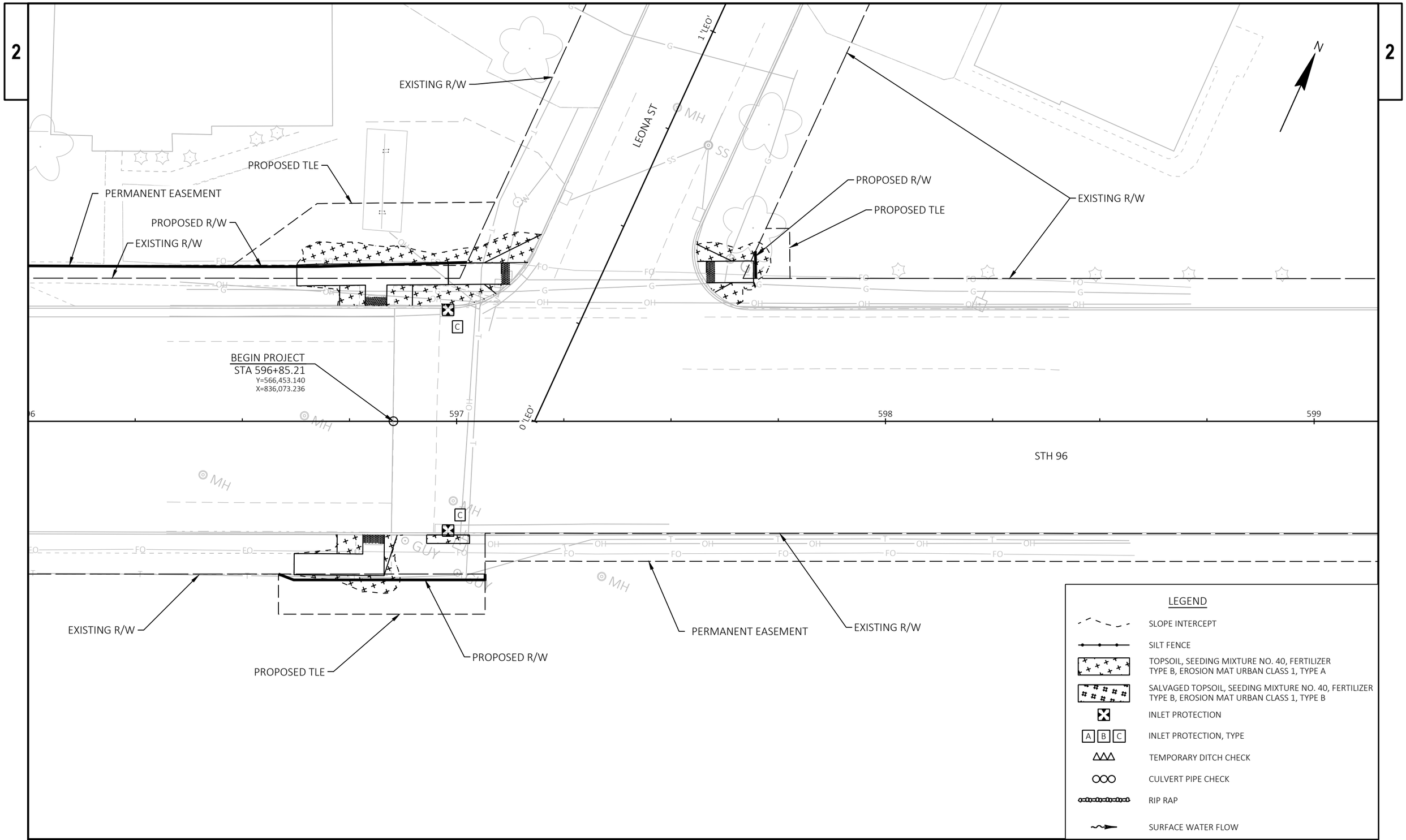


LEGEND

- (X) CURB RAMP TYPE
- (SW4) CONCRETE SIDEWALK 4-INCH
- (L) LANDING
- (GF) GRASS FLARE
- (XX / XXX.XX) POINT NUMBER & ELEVATION
- X.X% MEF MAXIMUM EXTENT FEASIBLE

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET 29	E

FILE NAME : N:\PDS\C3D\46200200\SHEETS\021301-CR.DWG
LAYOUT NAME - LEONA ST - SW
PLOT DATE : 7/14/2026 2:51 PM PLOT BY : CRUSE, DEXTER A PLOT NAME : PLOT SCALE : 1 IN:10 FT



PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	EROSION CONTROL DETAILS	SHEET 30	E

FILE NAME : N:\PDS\C3D\46200200\SHEETS\022001-EC.DWG
LAYOUT NAME - 0220011-ec

PLOT DATE : 10/20/2026 2:45 PM PLOT BY : DANKE, ERIC A PLOT NAME : PLOT SCALE : 1 IN:20 FT

2

2

PERMANENT EASEMENT

EXISTING R/W

C

600

601

602

STH 96

C

PERMANENT EASEMENT

EXISTING R/W

LEGEND

- SLOPE INTERCEPT
- SILT FENCE
- TOPSOIL, SEEDING MIXTURE NO. 40, FERTILIZER TYPE B, EROSION MAT URBAN CLASS 1, TYPE A
- SALVAGED TOPSOIL, SEEDING MIXTURE NO. 40, FERTILIZER TYPE B, EROSION MAT URBAN CLASS 1, TYPE B
- INLET PROTECTION
- A B C — INLET PROTECTION, TYPE
- TEMPORARY DITCH CHECK
- CULVERT PIPE CHECK
- RIP RAP
- SURFACE WATER FLOW

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	EROSION CONTROL DETAILS	SHEET 31	E

FILE NAME : N:\PDS\C3D\46200200\SHEETS\022001-EC.DWG
LAYOUT NAME - 0220012-ec

PLOT DATE : 10/20/2026 2:45 PM PLOT BY : DANKE, ERIC A PLOT NAME : PLOT SCALE : 1 IN:20 FT

2

2

PERMANENT EASEMENT

EXISTING R/W

N

C

603 604 605 606 607 608

STH 96

PERMANENT EASEMENT

EXISTING R/W

N GRANDVIEW RD

0 'GRA'

EXISTING R/W

PERMANENT EASEMENT

EXISTING R/W

N GREEN GROVE RD

0 'GRE'

LEGEND

- SLOPE INTERCEPT
- SILT FENCE
- TOPSOIL, SEEDING MIXTURE NO. 40, FERTILIZER TYPE B, EROSION MAT URBAN CLASS 1, TYPE A
- SALVAGED TOPSOIL, SEEDING MIXTURE NO. 40, FERTILIZER TYPE B, EROSION MAT URBAN CLASS 1, TYPE B
- INLET PROTECTION
- A B C INLET PROTECTION, TYPE
- TEMPORARY DITCH CHECK
- CULVERT PIPE CHECK
- RIP RAP
- SURFACE WATER FLOW

N

PERMANENT EASEMENT

EXISTING R/W

C

609 610 611 612 613 614

STH 96

PERMANENT EASEMENT

EXISTING R/W

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	EROSION CONTROL DETAILS	SHEET 32	E

2

2

N

EXISTING R/W

PERMANENT EASEMENT

C

615

616

617

618

STH 96

C

PERMANENT EASEMENT

EXISTING R/W

LEGEND

- SLOPE INTERCEPT
- SILT FENCE
- TOPSOIL, SEEDING MIXTURE NO. 40, FERTILIZER TYPE B, EROSION MAT URBAN CLASS 1, TYPE A
- SALVAGED TOPSOIL, SEEDING MIXTURE NO. 40, FERTILIZER TYPE B, EROSION MAT URBAN CLASS 1, TYPE B
- INLET PROTECTION
- A B C — INLET PROTECTION, TYPE
- TEMPORARY DITCH CHECK
- CULVERT PIPE CHECK
- RIP RAP
- SURFACE WATER FLOW

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	EROSION CONTROL DETAILS	SHEET 33	E

2

2

N

EXISTING R/W

PERMANENT EASEMENT

C

619

620

621

STH 96

C

PERMANENT EASEMENT

EXISTING R/W

WOODLAWN RD

EXISTING R/W

PERMANENT EASEMENT

LEGEND

- SLOPE INTERCEPT
- SILT FENCE
- TOPSOIL, SEEDING MIXTURE NO. 40, FERTILIZER TYPE B, EROSION MAT URBAN CLASS 1, TYPE A
- SALVAGED TOPSOIL, SEEDING MIXTURE NO. 40, FERTILIZER TYPE B, EROSION MAT URBAN CLASS 1, TYPE B
- INLET PROTECTION
- A B C — INLET PROTECTION, TYPE
- TEMPORARY DITCH CHECK
- CULVERT PIPE CHECK
- RIP RAP
- SURFACE WATER FLOW

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	EROSION CONTROL DETAILS	SHEET 34	E

2

2

PERMANENT EASEMENT

EXISTING R/W

622 623 624 625 626 627

STH 96

O 'POT'

N POTATO POINT RD

'POT'

EXISTING R/W

PERMANENT EASEMENT

EXISTING R/W

PERMANENT EASEMENT

LEGEND

- SLOPE INTERCEPT
- SILT FENCE
- TOPSOIL, SEEDING MIXTURE NO. 40, FERTILIZER TYPE B, EROSION MAT URBAN CLASS 1, TYPE A
- SALVAGED TOPSOIL, SEEDING MIXTURE NO. 40, FERTILIZER TYPE B, EROSION MAT URBAN CLASS 1, TYPE B
- INLET PROTECTION
- A B C INLET PROTECTION, TYPE
- TEMPORARY DITCH CHECK
- CULVERT PIPE CHECK
- RIP RAP
- SURFACE WATER FLOW

PERMANENT EASEMENT

EXISTING R/W

PERMANENT EASEMENT

628 629 630 631 632 633

STH 96

PERMANENT EASEMENT

EXISTING R/W

PERMANENT EASEMENT

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	EROSION CONTROL DETAILS	SHEET 35	E

2

PERMANENT EASEMENT

EXISTING R/W

N

C

634 635 636 637 638 639

STH 96

C

EXISTING R/W

PERMANENT EASEMENT

LEGEND

- SLOPE INTERCEPT
- SILT FENCE
- TOPSOIL, SEEDING MIXTURE NO. 40, FERTILIZER TYPE B, EROSION MAT URBAN CLASS 1, TYPE A
- SALVAGED TOPSOIL, SEEDING MIXTURE NO. 40, FERTILIZER TYPE B, EROSION MAT URBAN CLASS 1, TYPE B
- INLET PROTECTION
- A B C INLET PROTECTION, TYPE
- TEMPORARY DITCH CHECK
- CULVERT PIPE CHECK
- RIP RAP
- SURFACE WATER FLOW

N

EXISTING R/W

C

C

640 641 642 643 644 645 646

STH 96

C

C

PERMANENT EASEMENT

EXISTING R/W

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	EROSION CONTROL DETAILS	SHEET 36	E

2

2

N

EXISTING R/W

PERMANENT EASEMENT

C

646

647

648

649

STH 96

C

PERMANENT EASEMENT

EXISTING R/W

LEGEND

- SLOPE INTERCEPT
- SILT FENCE
- TOPSOIL, SEEDING MIXTURE NO. 40, FERTILIZER TYPE B, EROSION MAT URBAN CLASS 1, TYPE A
- SALVAGED TOPSOIL, SEEDING MIXTURE NO. 40, FERTILIZER TYPE B, EROSION MAT URBAN CLASS 1, TYPE B
- INLET PROTECTION
- A B C — INLET PROTECTION, TYPE
- TEMPORARY DITCH CHECK
- CULVERT PIPE CHECK
- RIP RAP
- SURFACE WATER FLOW

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	EROSION CONTROL DETAILS	SHEET 37	E

FILE NAME : N:\PDS\C3D\46200200\SHEETS\022001-EC.DWG
LAYOUT NAME - 0220018-ec

PLOT DATE : 10/20/2026 2:46 PM PLOT BY : DANKE, ERIC A PLOT NAME : PLOT SCALE : 1 IN:20 FT

2

2

N

PERMANENT EASEMENT

EXISTING R/W

C C C

650 651 652

STH 96

C C C

PERMANENT EASEMENT

EXISTING R/W

LEGEND

- SLOPE INTERCEPT
- SILT FENCE
- TOPSOIL, SEEDING MIXTURE NO. 40, FERTILIZER TYPE B, EROSION MAT URBAN CLASS 1, TYPE A
- SALVAGED TOPSOIL, SEEDING MIXTURE NO. 40, FERTILIZER TYPE B, EROSION MAT URBAN CLASS 1, TYPE B
- INLET PROTECTION
- A B C — INLET PROTECTION, TYPE
- TEMPORARY DITCH CHECK
- CULVERT PIPE CHECK
- RIP RAP
- SURFACE WATER FLOW

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	EROSION CONTROL DETAILS	SHEET 38	E

FILE NAME : N:\PDS\C3D\46200200\SHEETS\022001-EC.DWG
LAYOUT NAME - 0220019-ec

PLOT DATE : 10/20/2026 2:46 PM PLOT BY : DANKE, ERIC A PLOT NAME : PLOT SCALE : 1 IN:20 FT

2

2

N

N FRENCH RD

PERMANENT EASEMENT

EXISTING R/W

EXISTING R/W

C

653 654 0 'FRE' 0 'RAI' 655 656 657 658 0 'FPW'

STH 96

C

PERMANENT EASEMENT

EXISTING R/W

RAINBOW LN

1 'RA

EXISTING R/W

EXISTING R/W

E FOX POINT DR

0 'FPW'

W'

N

PERMANENT EASEMENT

EXISTING R/W

PERMANENT EASEMENT

PERMANENT EASEMENT

C

659 660 661 662 663 664

0 'FPW'

STH 96

C

E FOX POINT DR

EXISTING R/W

W'

LEGEND

- SLOPE INTERCEPT
- SILT FENCE
- TOPSOIL, SEEDING MIXTURE NO. 40, FERTILIZER TYPE B, EROSION MAT URBAN CLASS 1, TYPE A
- SALVAGED TOPSOIL, SEEDING MIXTURE NO. 40, FERTILIZER TYPE B, EROSION MAT URBAN CLASS 1, TYPE B
- INLET PROTECTION
- A B C INLET PROTECTION, TYPE
- TEMPORARY DITCH CHECK
- CULVERT PIPE CHECK
- RIP RAP
- SURFACE WATER FLOW

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	EROSION CONTROL DETAILS	SHEET 39	E

2

2

PERMANENT EASEMENT

EXISTING R/W

EXISTING R/W

PERMANENT EASEMENT

N

C

665

666

667

668

669

670

0 'FPE'

STH 96

E FOX POINT DR

EXISTING R/W

EXISTING R/W

PERMANENT EASEMENT

PERMANENT EASEMENT

EXISTING R/W

LEGEND

SLOPE INTERCEPT

SILT FENCE

TOPSOIL, SEEDING MIXTURE NO. 40, FERTILIZER TYPE B, EROSION MAT URBAN CLASS 1, TYPE A

SALVAGED TOPSOIL, SEEDING MIXTURE NO. 40, FERTILIZER TYPE B, EROSION MAT URBAN CLASS 1, TYPE B

INLET PROTECTION

A B C INLET PROTECTION, TYPE

TEMPORARY DITCH CHECK

CULVERT PIPE CHECK

RIP RAP

SURFACE WATER FLOW

N

PERMANENT EASEMENT

EXISTING R/W

671

672

673

674

675

676

677

STH 96

PERMANENT EASEMENT

EXISTING R/W

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	EROSION CONTROL DETAILS	SHEET 40	E

FILE NAME : N:\PDS\C3D\46200200\SHEETS\022001-EC.DWG
LAYOUT NAME - 0220021-ec

PLOT DATE : 10/20/2026 2:46 PM PLOT BY : DANKE, ERIC A PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

PERMANENT EASEMENT

EXISTING R/W

PERMANENT EASEMENT

N

C

678 679 680 681 682 683

STH 96

C

EXISTING R/W

PERMANENT EASEMENT

EXISTING R/W

LEGEND

- SLOPE INTERCEPT
- SILT FENCE
- TOPSOIL, SEEDING MIXTURE NO. 40, FERTILIZER TYPE B, EROSION MAT URBAN CLASS 1, TYPE A
- SALVAGED TOPSOIL, SEEDING MIXTURE NO. 40, FERTILIZER TYPE B, EROSION MAT URBAN CLASS 1, TYPE B
- INLET PROTECTION
- A B C INLET PROTECTION, TYPE
- TEMPORARY DITCH CHECK
- CULVERT PIPE CHECK
- RIP RAP
- SURFACE WATER FLOW

PERMANENT EASEMENT

EXISTING R/W

N

C

684 685 686 687 688 689

STH 96

C

C

PERMANENT EASEMENT

EXISTING R/W

PERMANENT EASEMENT

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	EROSION CONTROL DETAILS	SHEET 41	E

2

EXISTING R/W

N

690 691 692 693 694 695

STH 96

C

PERMANENT EASEMENT

EXISTING R/W

LEGEND

- SLOPE INTERCEPT
- SILT FENCE
- TOPSOIL, SEEDING MIXTURE NO. 40, FERTILIZER TYPE B, EROSION MAT URBAN CLASS 1, TYPE A
- SALVAGED TOPSOIL, SEEDING MIXTURE NO. 40, FERTILIZER TYPE B, EROSION MAT URBAN CLASS 1, TYPE B
- INLET PROTECTION
- A B C INLET PROTECTION, TYPE
- TEMPORARY DITCH CHECK
- CULVERT PIPE CHECK
- RIP RAP
- SURFACE WATER FLOW

EXISTING R/W

N

696 697 698 699 700 701

STH 96

C

EXISTING R/W

2

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	EROSION CONTROL DETAILS	SHEET 42	E

2

2

N

STH 96

702

703

704

C

EXISTING R/W

LEGEND

- SLOPE INTERCEPT
- SILT FENCE
- TOPSOIL, SEEDING MIXTURE NO. 40, FERTILIZER TYPE B, EROSION MAT URBAN CLASS 1, TYPE A
- SALVAGED TOPSOIL, SEEDING MIXTURE NO. 40, FERTILIZER TYPE B, EROSION MAT URBAN CLASS 1, TYPE B
- INLET PROTECTION
- A B C — INLET PROTECTION, TYPE
- TEMPORARY DITCH CHECK
- CULVERT PIPE CHECK
- RIP RAP
- SURFACE WATER FLOW

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	EROSION CONTROL DETAILS	SHEET 43	E

2

2

N

705

706

707

LEGEND

- SLOPE INTERCEPT
- SILT FENCE
- TOPSOIL, SEEDING MIXTURE NO. 40, FERTILIZER TYPE B, EROSION MAT URBAN CLASS 1, TYPE A
- SALVAGED TOPSOIL, SEEDING MIXTURE NO. 40, FERTILIZER TYPE B, EROSION MAT URBAN CLASS 1, TYPE B
- INLET PROTECTION
- A B C — INLET PROTECTION, TYPE
- TEMPORARY DITCH CHECK
- CULVERT PIPE CHECK
- RIP RAP
- SURFACE WATER FLOW

EDGE OF BASE COURSE SHOULDER

SLOPE INTERCEPT

OH OH OH OH OH

EXISTING R/W

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	EROSION CONTROL DETAILS	SHEET 44	E

FILE NAME : N:\PDS\C3D\46200200\SHEETS\022001-EC.DWG
LAYOUT NAME - 0220025-ec

PLOT DATE : 10/20/2026 2:46 PM PLOT BY : DANKE, ERIC A PLOT NAME : PLOT SCALE : 1 IN:20 FT

2

LEGEND

- SLOPE INTERCEPT
- SILT FENCE
- TOPSOIL, SEEDING MIXTURE NO. 40, FERTILIZER TYPE B, EROSION MAT URBAN CLASS 1, TYPE A
- SALVAGED TOPSOIL, SEEDING MIXTURE NO. 40, FERTILIZER TYPE B, EROSION MAT URBAN CLASS 1, TYPE B
- INLET PROTECTION
- A B C — INLET PROTECTION, TYPE
- TEMPORARY DITCH CHECK
- CULVERT PIPE CHECK
- RIP RAP
- SURFACE WATER FLOW

EXISTING R/W

N

708 709 710 711

EDGE OF BASE COURSE SHOULDER

SLOPE INTERCEPT

EXISTING R/W

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	EROSION CONTROL DETAILS	SHEET 45	E

FILE NAME : N:\PDS\C3D\46200200\SHEETS\022001-EC.DWG
LAYOUT NAME - 0220026-ec

PLOT DATE : 10/20/2026 2:46 PM PLOT BY : DANKE, ERIC A PLOT NAME : PLOT SCALE : 1 IN:20 FT

2

LEGEND

- SLOPE INTERCEPT
- SILT FENCE
- TOPSOIL, SEEDING MIXTURE NO. 40, FERTILIZER TYPE B, EROSION MAT URBAN CLASS 1, TYPE A
- SALVAGED TOPSOIL, SEEDING MIXTURE NO. 40, FERTILIZER TYPE B, EROSION MAT URBAN CLASS 1, TYPE B
- INLET PROTECTION
- A B C INLET PROTECTION, TYPE
- TEMPORARY DITCH CHECK
- CULVERT PIPE CHECK
- RIP RAP
- SURFACE WATER FLOW

EXISTING R/W

N

2

STH 96

711 712 713 714

EDGE OF BASE COURSE SHOULDER

SLOPE INTERCEPT

SLOPE INTERCEPT

EXISTING R/W

PROPOSED R/W

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	EROSION CONTROL DETAILS	SHEET 46	E

2

LEGEND

- SLOPE INTERCEPT
- SILT FENCE
- TOPSOIL, SEEDING MIXTURE NO. 40, FERTILIZER TYPE B, EROSION MAT URBAN CLASS 1, TYPE A
- SALVAGED TOPSOIL, SEEDING MIXTURE NO. 40, FERTILIZER TYPE B, EROSION MAT URBAN CLASS 1, TYPE B
- INLET PROTECTION
- A B C — INLET PROTECTION, TYPE
- TEMPORARY DITCH CHECK
- CULVERT PIPE CHECK
- RIP RAP
- SURFACE WATER FLOW

EXISTING R/W

N

2

STH 96

4 715 716 717

EDGE OF BASE COURSE SHOULDER

SLOPE INTERCEPT

GUY

EXISTING R/W

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	EROSION CONTROL DETAILS	SHEET 47	E

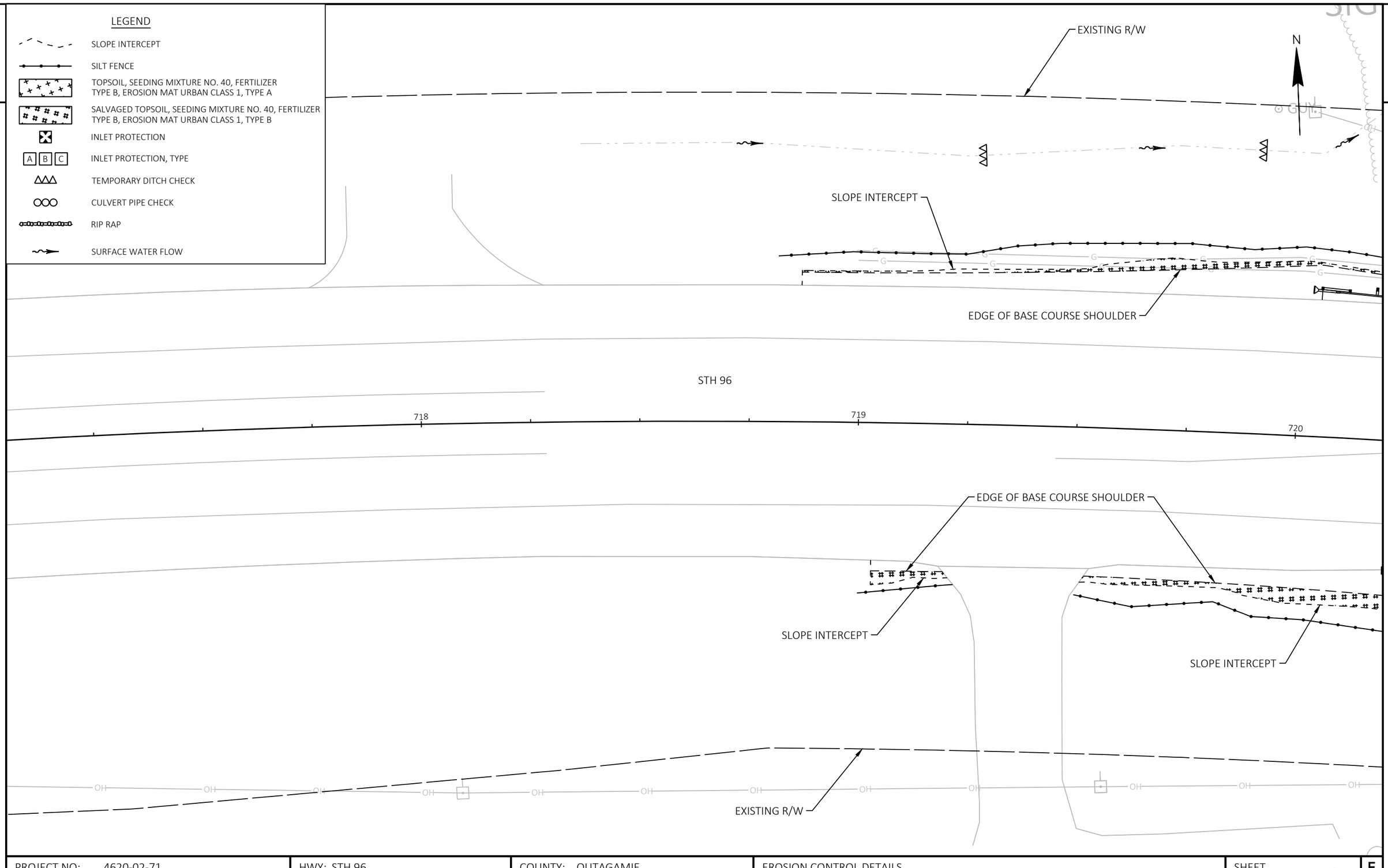
FILE NAME : N:\PDS\C3D\46200200\SHEETS\022001-EC.DWG
LAYOUT NAME - 0220028-ec

PLOT DATE : 10/20/2026 2:46 PM PLOT BY : DANKE, ERIC A PLOT NAME : PLOT SCALE : 1 IN:20 FT

2

LEGEND

- SLOPE INTERCEPT
- SILT FENCE
- TOPSOIL, SEEDING MIXTURE NO. 40, FERTILIZER TYPE B, EROSION MAT URBAN CLASS 1, TYPE A
- SALVAGED TOPSOIL, SEEDING MIXTURE NO. 40, FERTILIZER TYPE B, EROSION MAT URBAN CLASS 1, TYPE B
- INLET PROTECTION
- A B C — INLET PROTECTION, TYPE
- TEMPORARY DITCH CHECK
- CULVERT PIPE CHECK
- RIP RAP
- SURFACE WATER FLOW



2

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	EROSION CONTROL DETAILS	SHEET 48	E

2

N

EXISTING R/W

PLACE RIPRAP AROUND STORM SEWER OUTFALL
SEE CONSTRUCTION DETAIL

SLOPE INTERCEPT

EDGE OF BASE COURSE SHOULDER

WASHINGTON ST

STH 96

721

722

723

0 'WAS'

EDGE OF BASE COURSE SHOULDER

SLOPE INTERCEPT

SLOPE INTERCEPT

EXISTING R/W

LEGEND

- SLOPE INTERCEPT
- SILT FENCE
- TOPSOIL, SEEDING MIXTURE NO. 40, FERTILIZER TYPE B, EROSION MAT URBAN CLASS 1, TYPE A
- SALVAGED TOPSOIL, SEEDING MIXTURE NO. 40, FERTILIZER TYPE B, EROSION MAT URBAN CLASS 1, TYPE B
- INLET PROTECTION
- INLET PROTECTION, TYPE C
- TEMPORARY DITCH CHECK (A, B)
- CULVERT PIPE CHECK
- RIP RAP
- SURFACE WATER FLOW

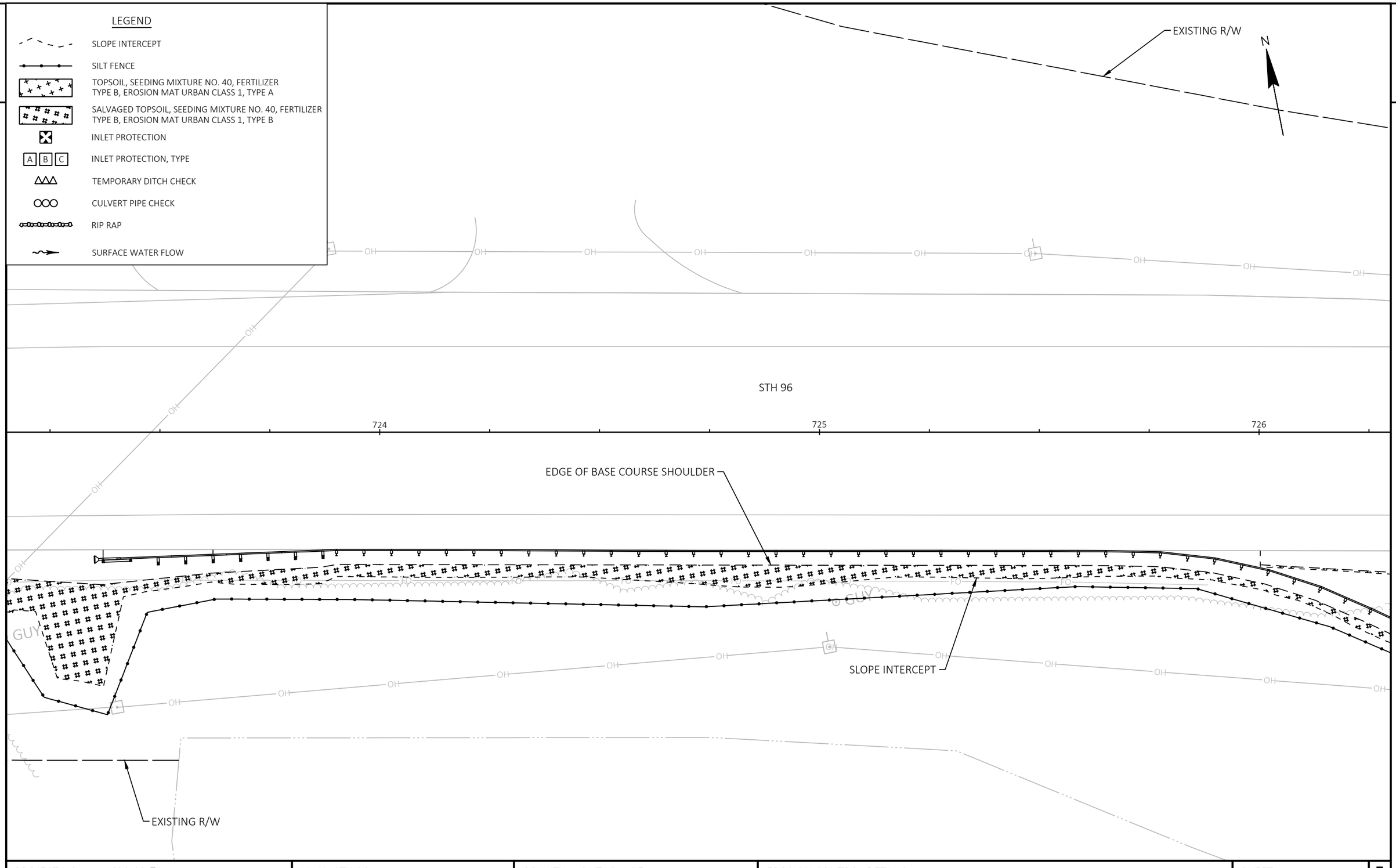
PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	EROSION CONTROL DETAILS	SHEET 49	E

FILE NAME : N:\PDS\C3D\46200200\SHEETS\022001-EC.DWG
LAYOUT NAME - 0220030-ec
PLOT DATE : 10/20/2026 2:46 PM
PLOT BY : DANKE, ERIC A
PLOT NAME :
PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 42

2

LEGEND

- SLOPE INTERCEPT
- SILT FENCE
- TOPSOIL, SEEDING MIXTURE NO. 40, FERTILIZER TYPE B, EROSION MAT URBAN CLASS 1, TYPE A
- SALVAGED TOPSOIL, SEEDING MIXTURE NO. 40, FERTILIZER TYPE B, EROSION MAT URBAN CLASS 1, TYPE B
- INLET PROTECTION
- A B C — INLET PROTECTION, TYPE
- TEMPORARY DITCH CHECK
- CULVERT PIPE CHECK
- RIP RAP
- SURFACE WATER FLOW



2

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	EROSION CONTROL DETAILS	SHEET 50	E

FILE NAME : N:\PDS\C3D\46200200\SHEETS\022001-EC.DWG
LAYOUT NAME - 0220031-ec

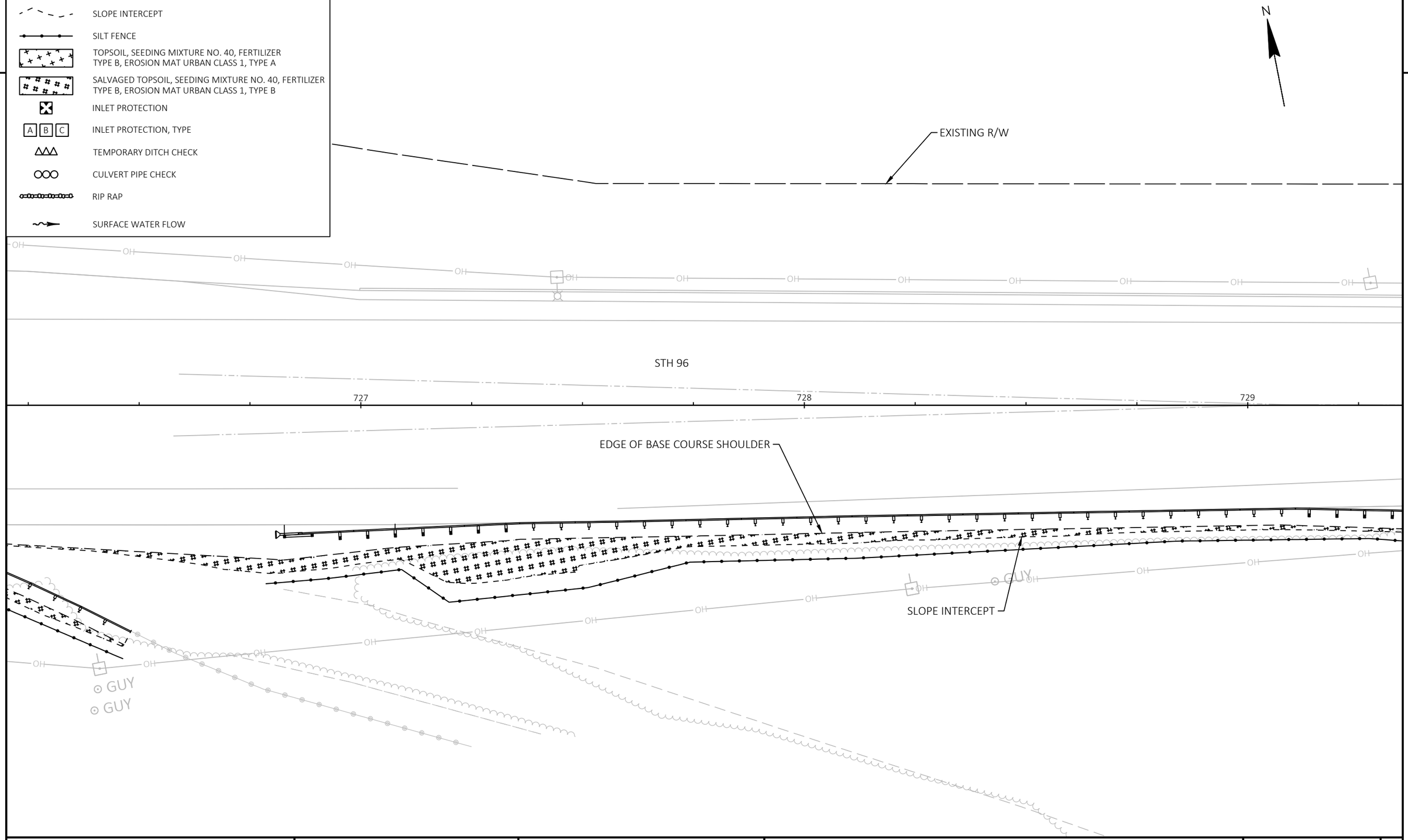
PLOT DATE : 10/20/2026 2:46 PM PLOT BY : DANKE, ERIC A PLOT NAME : PLOT SCALE : 1 IN:20 FT

2

2

LEGEND

- SLOPE INTERCEPT
- SILT FENCE
- TOPSOIL, SEEDING MIXTURE NO. 40, FERTILIZER TYPE B, EROSION MAT URBAN CLASS 1, TYPE A
- SALVAGED TOPSOIL, SEEDING MIXTURE NO. 40, FERTILIZER TYPE B, EROSION MAT URBAN CLASS 1, TYPE B
- INLET PROTECTION
- A B C — INLET PROTECTION, TYPE
- TEMPORARY DITCH CHECK
- CULVERT PIPE CHECK
- RIP RAP
- SURFACE WATER FLOW



PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	EROSION CONTROL DETAILS	SHEET 51	E

FILE NAME : N:\PDS\C3D\46200200\SHEETS\022001-EC.DWG
LAYOUT NAME - 0220032-ec

PLOT DATE : 10/20/2026 2:46 PM PLOT BY : DANKE, ERIC A PLOT NAME : PLOT SCALE : 1 IN:20 FT

2

N

EXISTING R/W

END PROJECT
STA 729+75.90
Y=569,435.505
X=848,757.698

STH 96

730

731

732

EDGE OF BASE COURSE SHOULDER

SLOPE INTERCEPT

EXISTING R/W

GUY

SAN

OH

G

W

SS

HO

FO

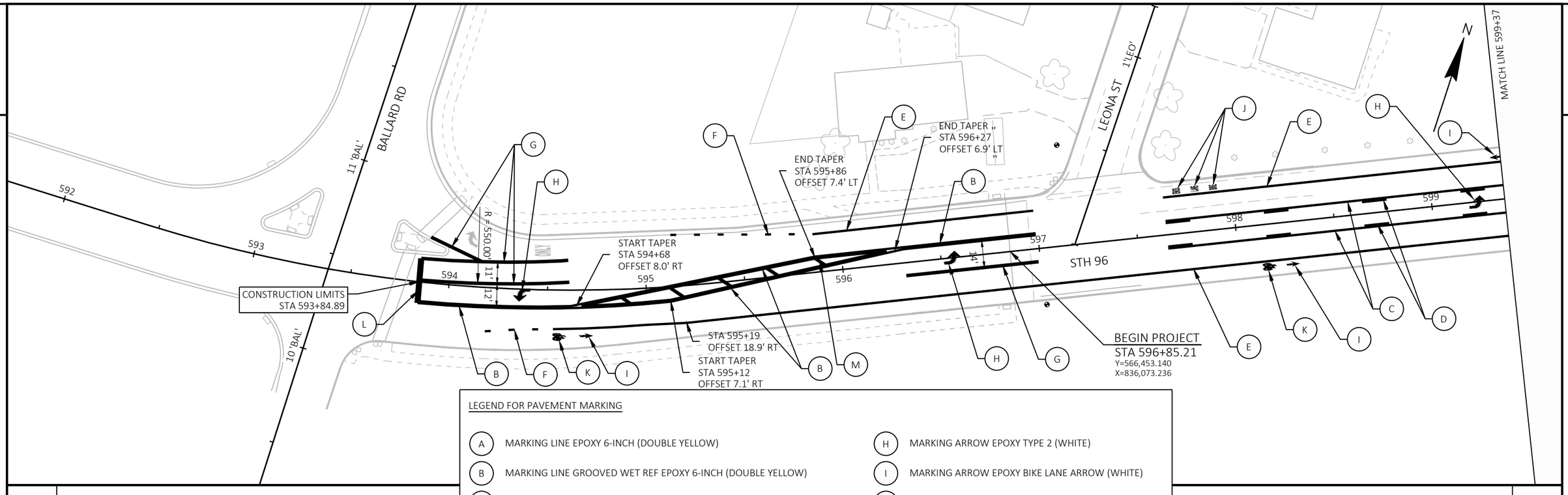
T

HSE

LEGEND

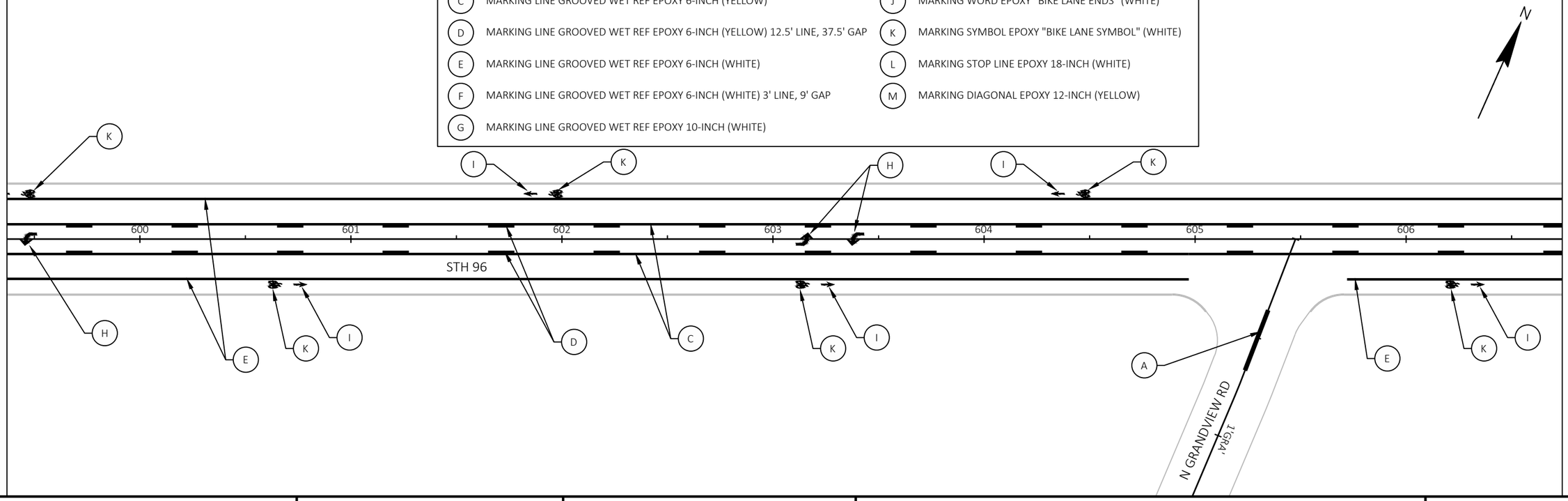
- SLOPE INTERCEPT
- SILT FENCE
- TOPSOIL, SEEDING MIXTURE NO. 40, FERTILIZER TYPE B, EROSION MAT URBAN CLASS 1, TYPE A
- SALVAGED TOPSOIL, SEEDING MIXTURE NO. 40, FERTILIZER TYPE B, EROSION MAT URBAN CLASS 1, TYPE B
- INLET PROTECTION
- A B C — INLET PROTECTION, TYPE
- TEMPORARY DITCH CHECK
- CULVERT PIPE CHECK
- RIP RAP
- SURFACE WATER FLOW

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	EROSION CONTROL DETAILS	SHEET 52	E

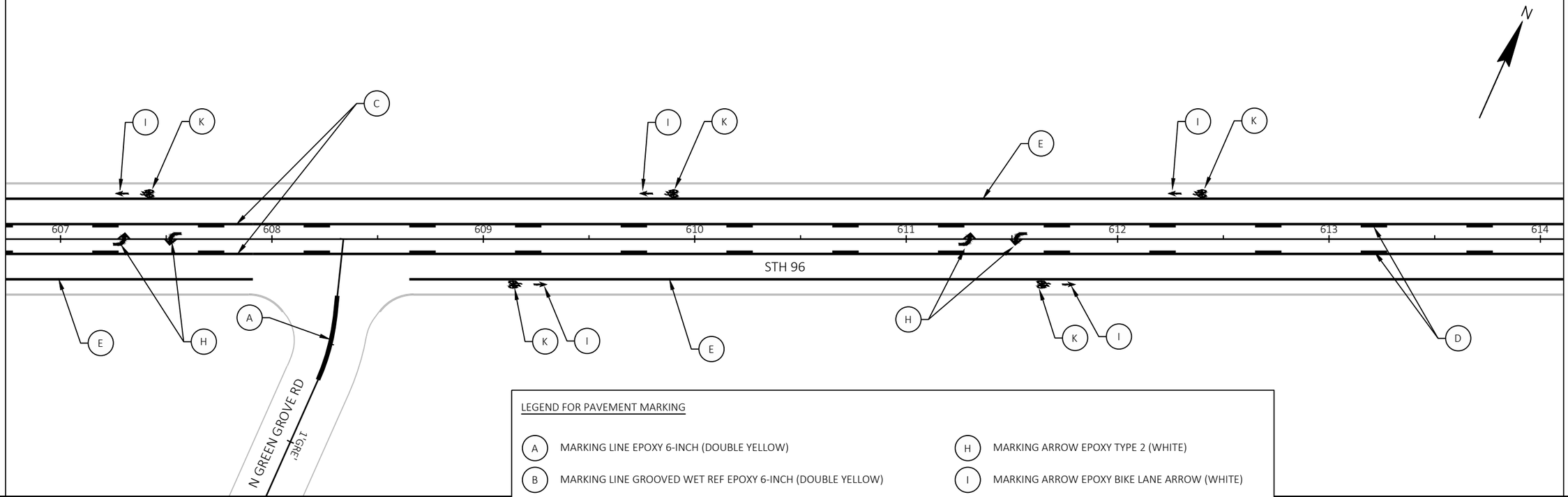


LEGEND FOR PAVEMENT MARKING

- (A) MARKING LINE EPOXY 6-INCH (DOUBLE YELLOW)
- (B) MARKING LINE GROOVED WET REF EPOXY 6-INCH (DOUBLE YELLOW)
- (C) MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
- (D) MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW) 12.5' LINE, 37.5' GAP
- (E) MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
- (F) MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE) 3' LINE, 9' GAP
- (G) MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)
- (H) MARKING ARROW EPOXY TYPE 2 (WHITE)
- (I) MARKING ARROW EPOXY BIKE LANE ARROW (WHITE)
- (J) MARKING WORD EPOXY "BIKE LANE ENDS" (WHITE)
- (K) MARKING SYMBOL EPOXY "BIKE LANE SYMBOL" (WHITE)
- (L) MARKING STOP LINE EPOXY 18-INCH (WHITE)
- (M) MARKING DIAGONAL EPOXY 12-INCH (YELLOW)

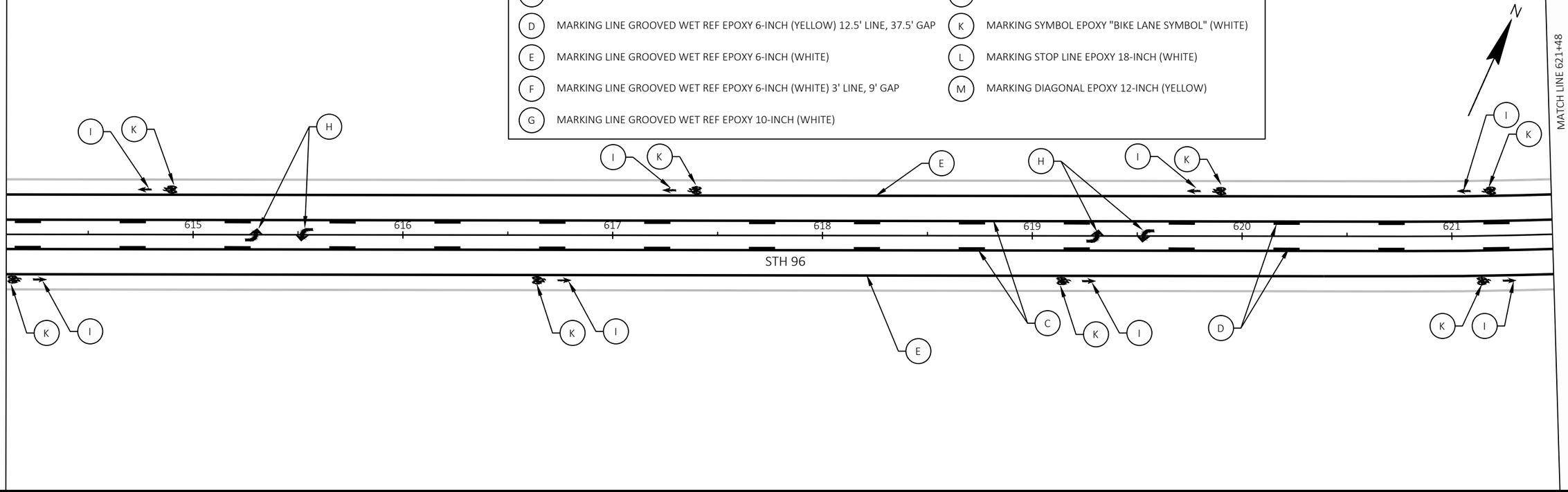


PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	PAVEMENT MARKING DETAILS	SHEET 53	E



LEGEND FOR PAVEMENT MARKING

- (A) MARKING LINE EPOXY 6-INCH (DOUBLE YELLOW)
- (B) MARKING LINE GROOVED WET REF EPOXY 6-INCH (DOUBLE YELLOW)
- (C) MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
- (D) MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW) 12.5' LINE, 37.5' GAP
- (E) MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
- (F) MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE) 3' LINE, 9' GAP
- (G) MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)
- (H) MARKING ARROW EPOXY TYPE 2 (WHITE)
- (I) MARKING ARROW EPOXY BIKE LANE ARROW (WHITE)
- (J) MARKING WORD EPOXY "BIKE LANE ENDS" (WHITE)
- (K) MARKING SYMBOL EPOXY "BIKE LANE SYMBOL" (WHITE)
- (L) MARKING STOP LINE EPOXY 18-INCH (WHITE)
- (M) MARKING DIAGONAL EPOXY 12-INCH (YELLOW)

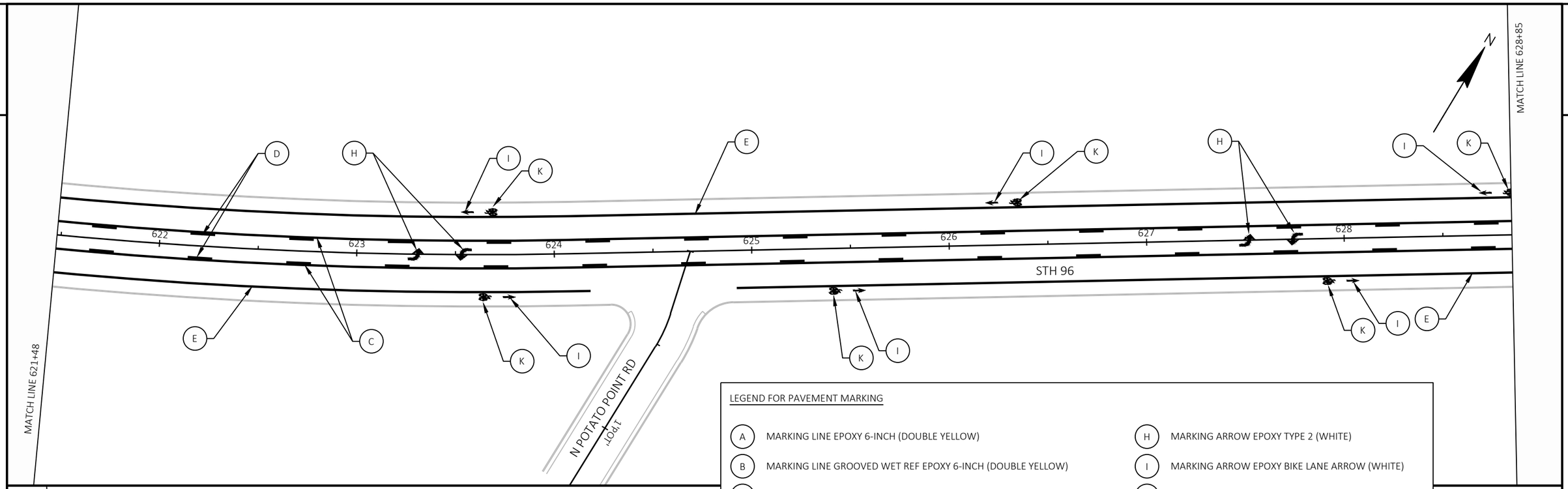


PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	PAVEMENT MARKING DETAILS	SHEET 54	E

FILE NAME : N:\PDS\C3D\46200200\SHEETS\024501-PM.DWG
LAYOUT NAME - 024502-pm

PLOT DATE : 7/14/2026 3:00 PM PLOT BY : CRUSE, DEXTER A PLOT NAME : PLOT SCALE : 1 IN:50 FT

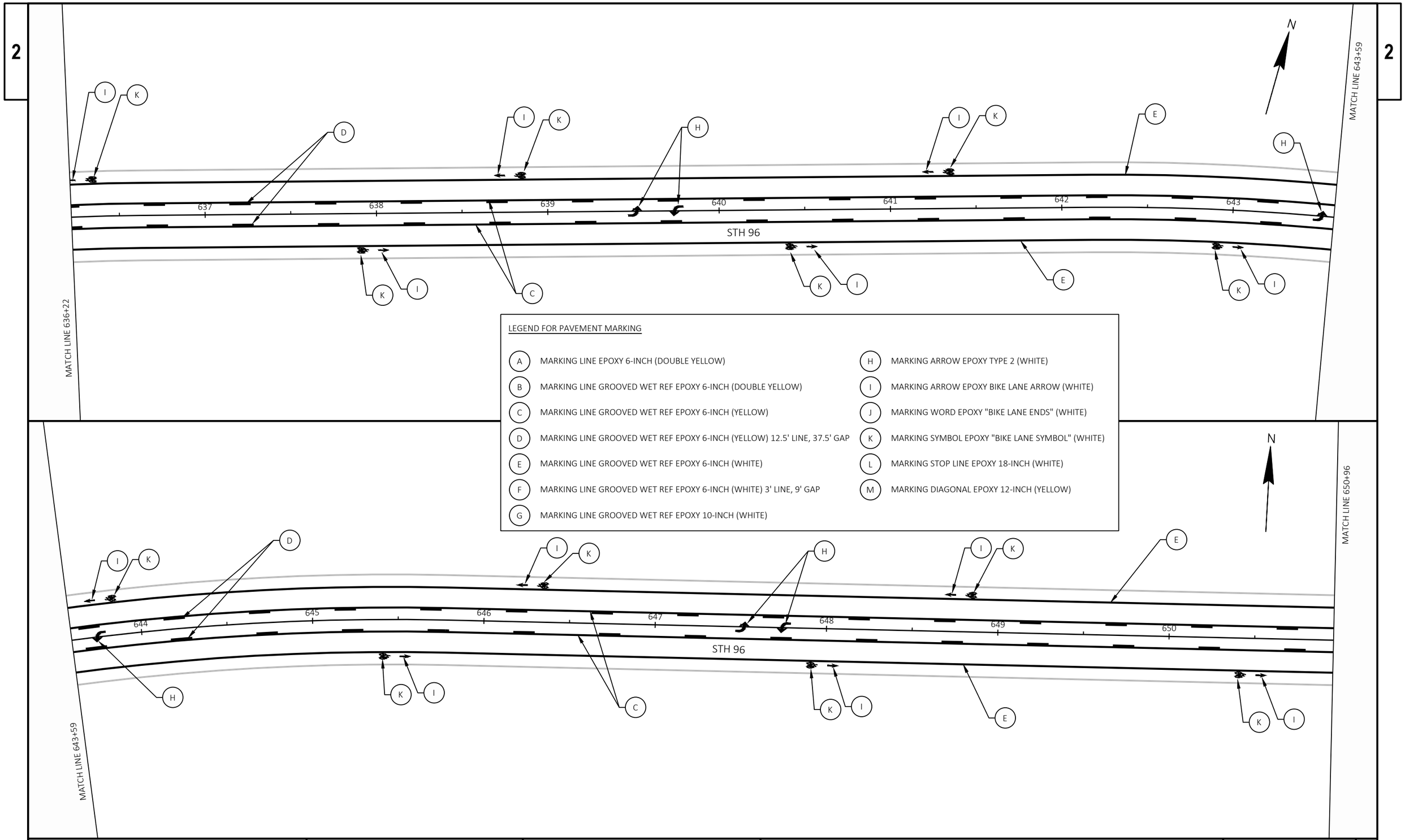
WISDOT/CADDS SHEET 44



PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	PAVEMENT MARKING DETAILS	SHEET 55	E

FILE NAME : N:\PDS\C3D\46200200\SHEETS\024501-PM.DWG
LAYOUT NAME - 024503-pm

PLOT DATE : 7/14/2026 3:00 PM PLOT BY : CRUSE, DEXTER A PLOT NAME : PLOT SCALE : 1 IN:50 FT



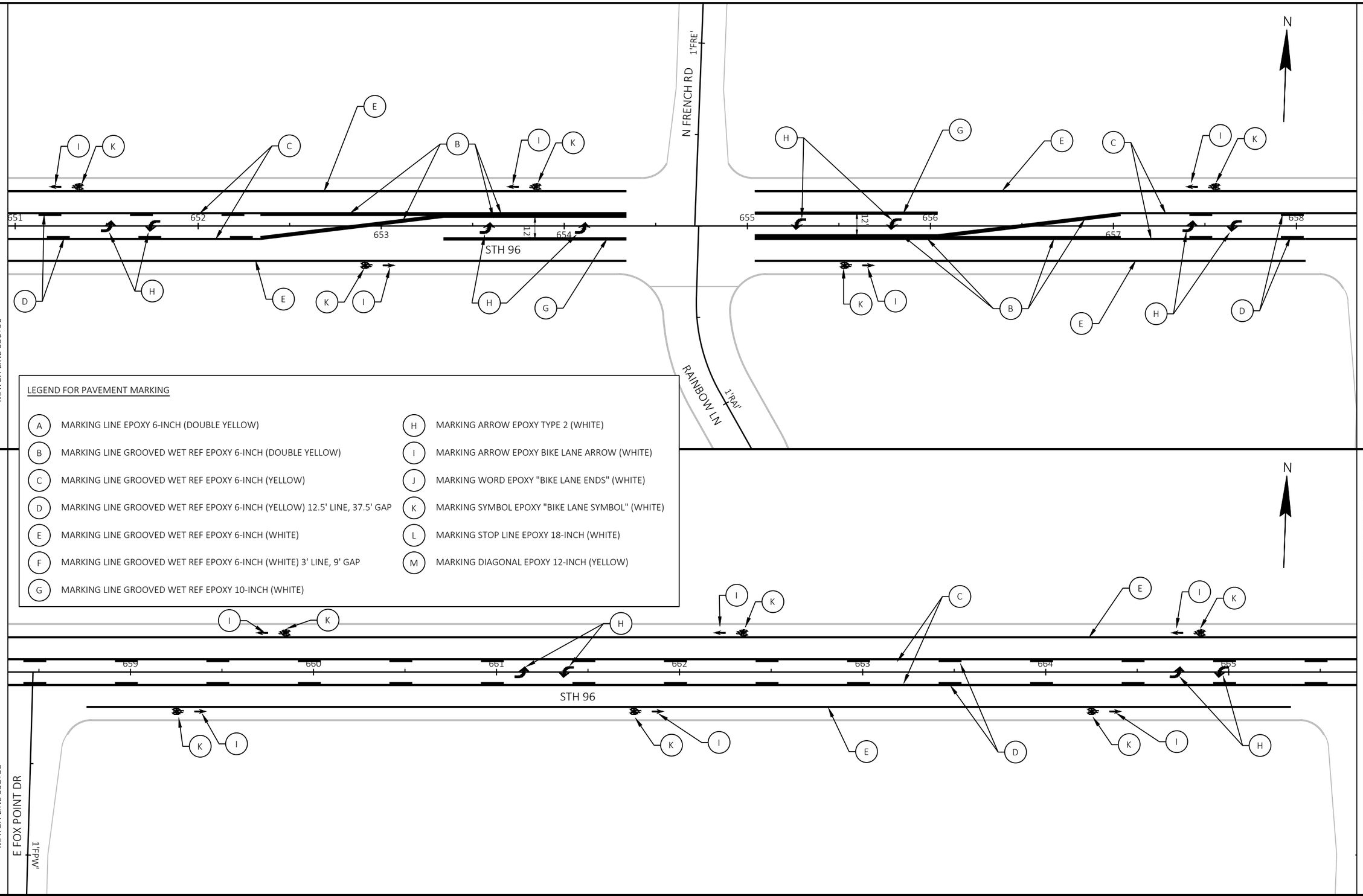
PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	PAVEMENT MARKING DETAILS	SHEET 56	E

FILE NAME : N:\PDS\C3D\46200200\SHEETS\024501-PM.DWG
LAYOUT NAME - 024504-pm

PLOT DATE : 7/14/2026 3:00 PM PLOT BY : CRUSE, DEXTER A PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 44

2



LEGEND FOR PAVEMENT MARKING

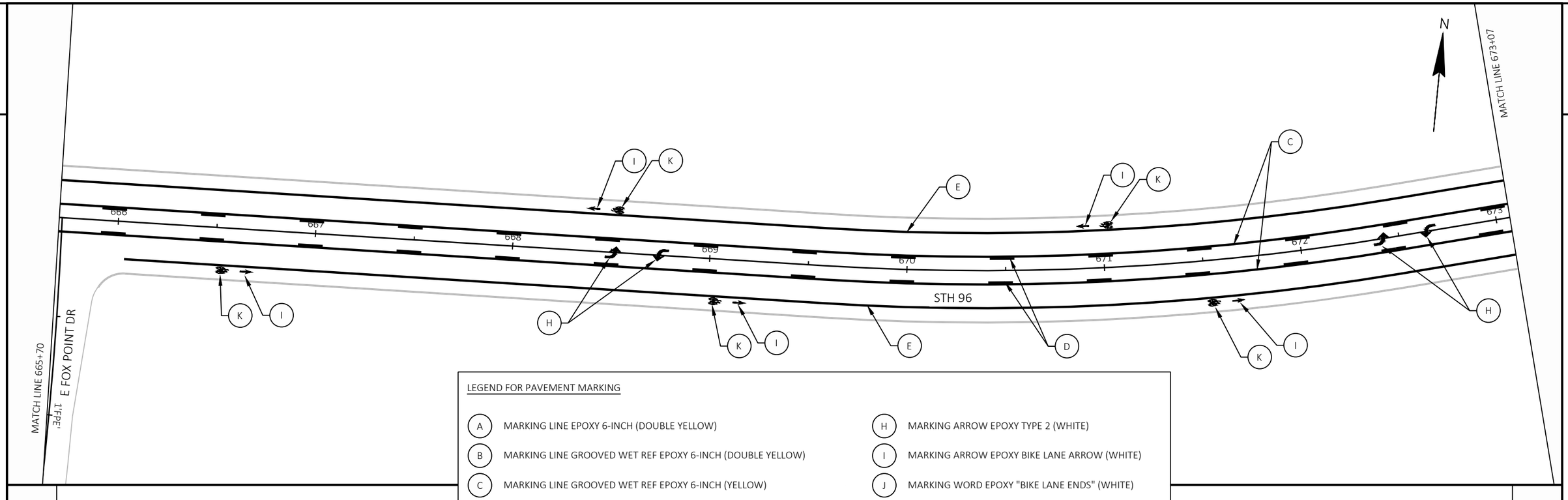
- (A) MARKING LINE EPOXY 6-INCH (DOUBLE YELLOW)
- (B) MARKING LINE GROOVED WET REF EPOXY 6-INCH (DOUBLE YELLOW)
- (C) MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
- (D) MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW) 12.5' LINE, 37.5' GAP
- (E) MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
- (F) MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE) 3' LINE, 9' GAP
- (G) MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)
- (H) MARKING ARROW EPOXY TYPE 2 (WHITE)
- (I) MARKING ARROW EPOXY BIKE LANE ARROW (WHITE)
- (J) MARKING WORD EPOXY "BIKE LANE ENDS" (WHITE)
- (K) MARKING SYMBOL EPOXY "BIKE LANE SYMBOL" (WHITE)
- (L) MARKING STOP LINE EPOXY 18-INCH (WHITE)
- (M) MARKING DIAGONAL EPOXY 12-INCH (YELLOW)

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	PAVEMENT MARKING DETAILS	SHEET 57	E

FILE NAME : N:\PDS\C3D\46200200\SHEETS\024501-PM.DWG
LAYOUT NAME - 024505-pm

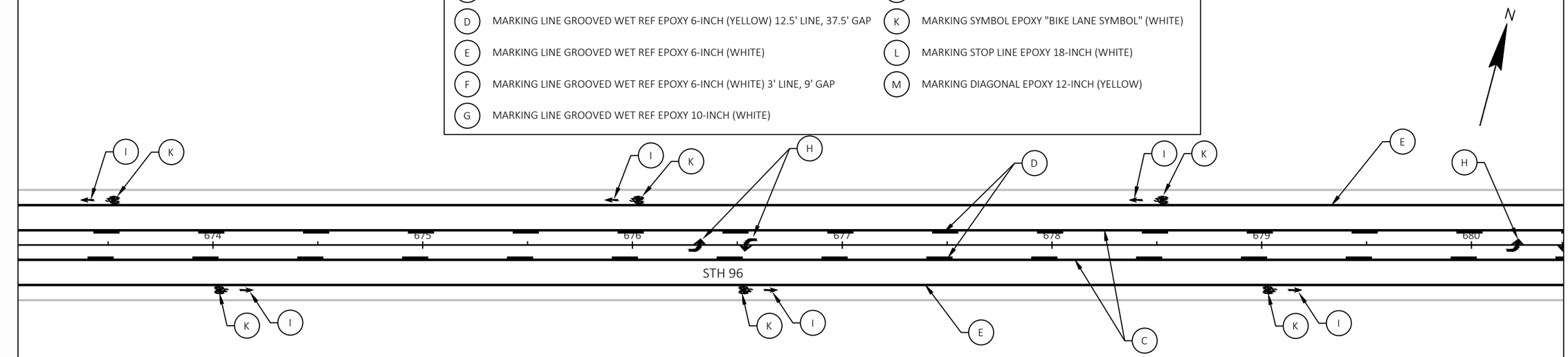
PLOT DATE : 7/14/2026 3:00 PM PLOT BY : CRUSE, DEXTER A PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 44

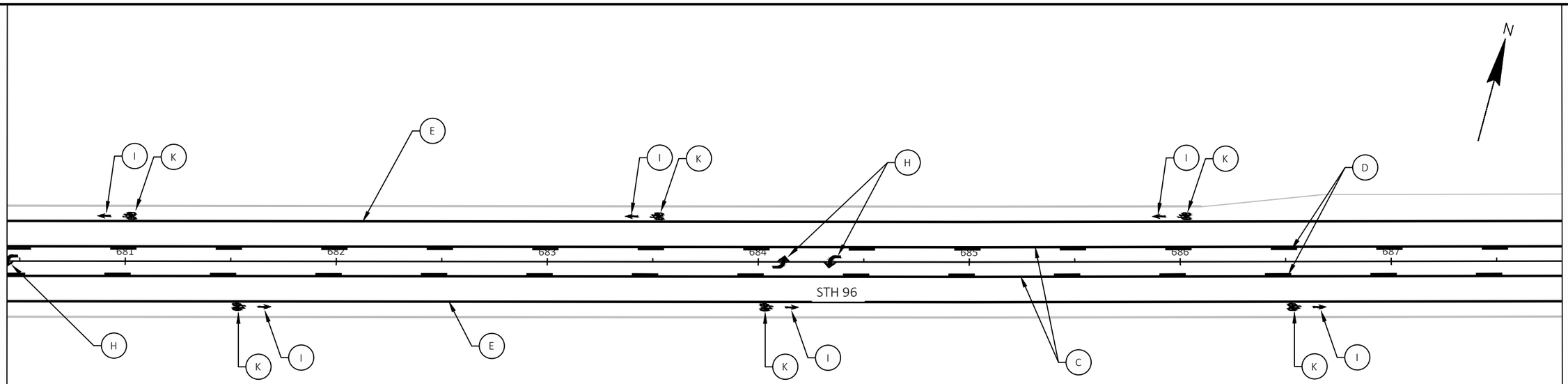


LEGEND FOR PAVEMENT MARKING

- (A) MARKING LINE EPOXY 6-INCH (DOUBLE YELLOW)
- (B) MARKING LINE GROOVED WET REF EPOXY 6-INCH (DOUBLE YELLOW)
- (C) MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
- (D) MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW) 12.5' LINE, 37.5' GAP
- (E) MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
- (F) MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE) 3' LINE, 9' GAP
- (G) MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)
- (H) MARKING ARROW EPOXY TYPE 2 (WHITE)
- (I) MARKING ARROW EPOXY BIKE LANE ARROW (WHITE)
- (J) MARKING WORD EPOXY "BIKE LANE ENDS" (WHITE)
- (K) MARKING SYMBOL EPOXY "BIKE LANE SYMBOL" (WHITE)
- (L) MARKING STOP LINE EPOXY 18-INCH (WHITE)
- (M) MARKING DIAGONAL EPOXY 12-INCH (YELLOW)

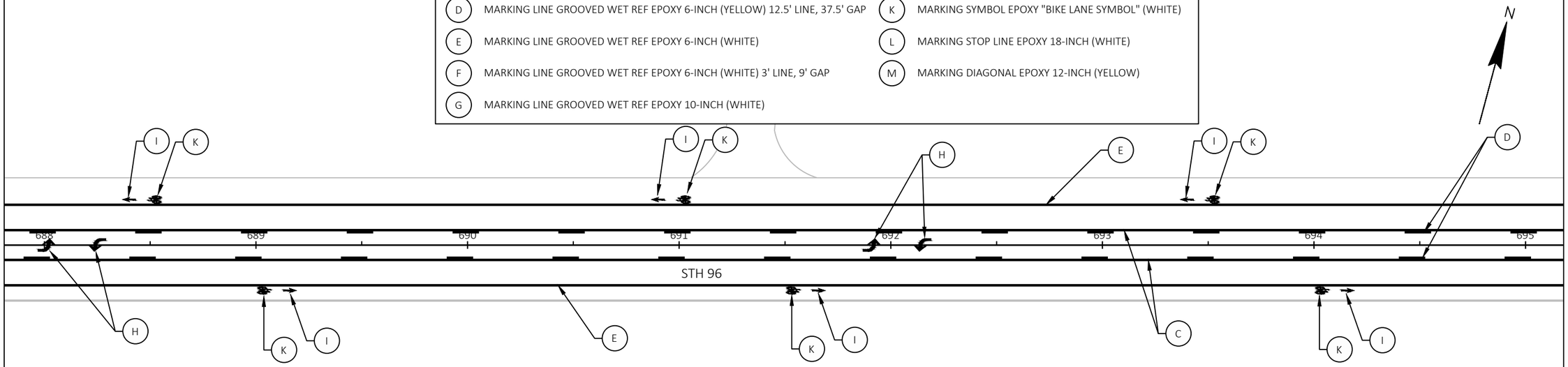


PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	PAVEMENT MARKING DETAILS	SHEET 58	E



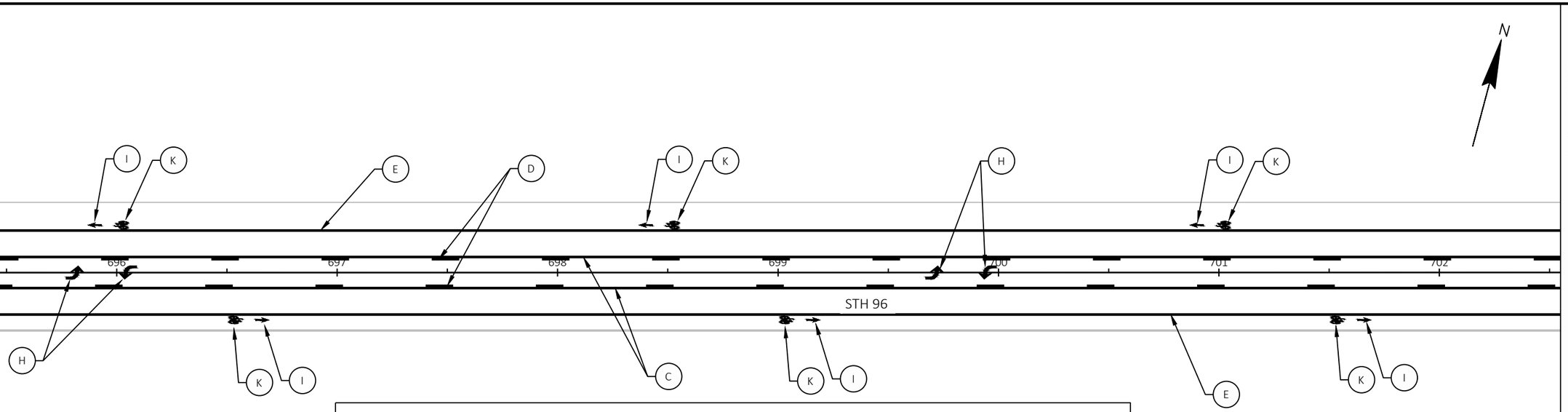
LEGEND FOR PAVEMENT MARKING

A	MARKING LINE EPOXY 6-INCH (DOUBLE YELLOW)	H	MARKING ARROW EPOXY TYPE 2 (WHITE)
B	MARKING LINE GROOVED WET REF EPOXY 6-INCH (DOUBLE YELLOW)	I	MARKING ARROW EPOXY BIKE LANE ARROW (WHITE)
C	MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)	J	MARKING WORD EPOXY "BIKE LANE ENDS" (WHITE)
D	MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW) 12.5' LINE, 37.5' GAP	K	MARKING SYMBOL EPOXY "BIKE LANE SYMBOL" (WHITE)
E	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)	L	MARKING STOP LINE EPOXY 18-INCH (WHITE)
F	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE) 3' LINE, 9' GAP	M	MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
G	MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)		



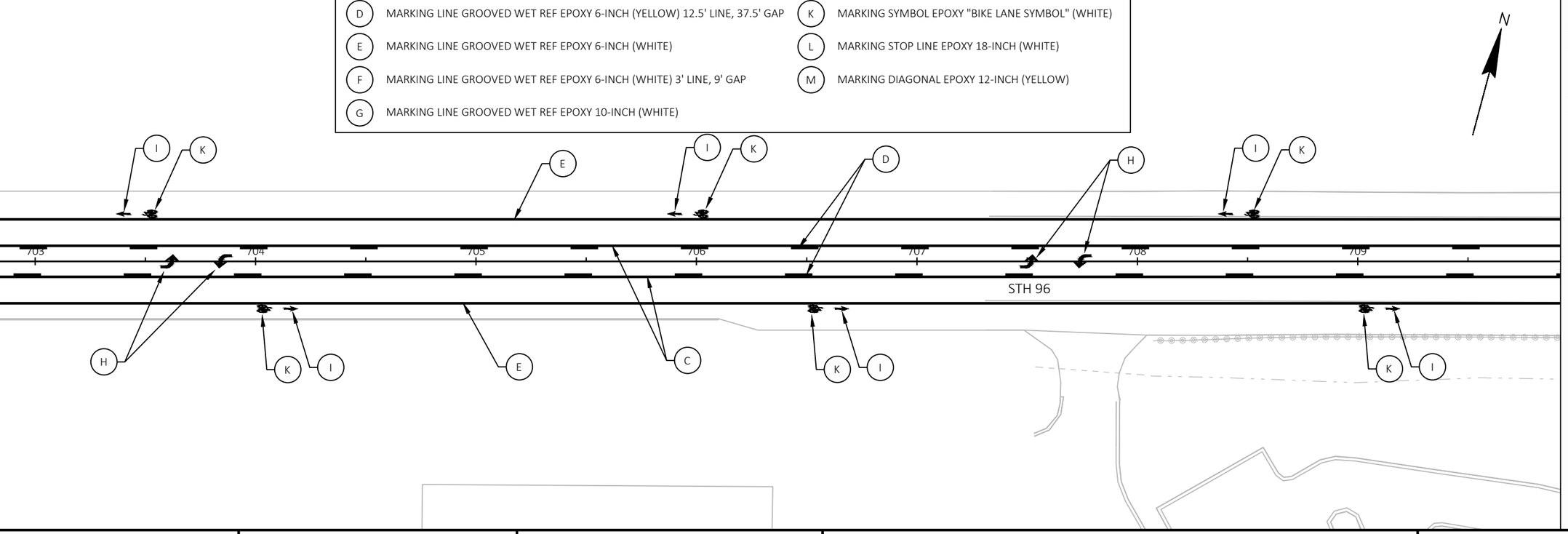
PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	PAVEMENT MARKING DETAILS	SHEET 59	E

FILE NAME : N:\PDS\C3D\46200200\SHEETS\024501-PM.DWG
LAYOUT NAME - 024507-pm
PLOT DATE : 7/14/2026 3:00 PM
PLOT BY : CRUSE, DEXTER A
PLOT NAME :
PLOT SCALE : 1 IN:50 FT



LEGEND FOR PAVEMENT MARKING

- A MARKING LINE EPOXY 6-INCH (DOUBLE YELLOW)
- B MARKING LINE GROOVED WET REF EPOXY 6-INCH (DOUBLE YELLOW)
- C MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
- D MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW) 12.5' LINE, 37.5' GAP
- E MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
- F MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE) 3' LINE, 9' GAP
- G MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)
- H MARKING ARROW EPOXY TYPE 2 (WHITE)
- I MARKING ARROW EPOXY BIKE LANE ARROW (WHITE)
- J MARKING WORD EPOXY "BIKE LANE ENDS" (WHITE)
- K MARKING SYMBOL EPOXY "BIKE LANE SYMBOL" (WHITE)
- L MARKING STOP LINE EPOXY 18-INCH (WHITE)
- M MARKING DIAGONAL EPOXY 12-INCH (YELLOW)



PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	PAVEMENT MARKING DETAILS	SHEET 60	E

FILE NAME : N:\PDS\C3D\46200200\SHEETS\024501-PM.DWG
LAYOUT NAME - 024508-pm

PLOT DATE : 7/14/2026 3:00 PM PLOT BY : CRUSE, DEXTER A PLOT NAME : PLOT SCALE : 1 IN:50 FT

2

N

MATCH LINE 709+92

MATCH LINE 717+29

STH 96

710 711 712 713 714 715 716 717

LEGEND FOR PAVEMENT MARKING

- A MARKING LINE EPOXY 6-INCH (DOUBLE YELLOW)
- B MARKING LINE GROOVED WET REF EPOXY 6-INCH (DOUBLE YELLOW)
- C MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
- D MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW) 12.5' LINE, 37.5' GAP
- E MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
- F MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE) 3' LINE, 9' GAP
- G MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)
- H MARKING ARROW EPOXY TYPE 2 (WHITE)
- I MARKING ARROW EPOXY BIKE LANE ARROW (WHITE)
- J MARKING WORD EPOXY "BIKE LANE ENDS" (WHITE)
- K MARKING SYMBOL EPOXY "BIKE LANE SYMBOL" (WHITE)
- L MARKING STOP LINE EPOXY 18-INCH (WHITE)
- M MARKING DIAGONAL EPOXY 12-INCH (YELLOW)

N

MATCH LINE 717+29

MATCH LINE 724+66

1 WAS

WASHINGTON ST

STH 96

718 719 720 721 722 723 724

12'

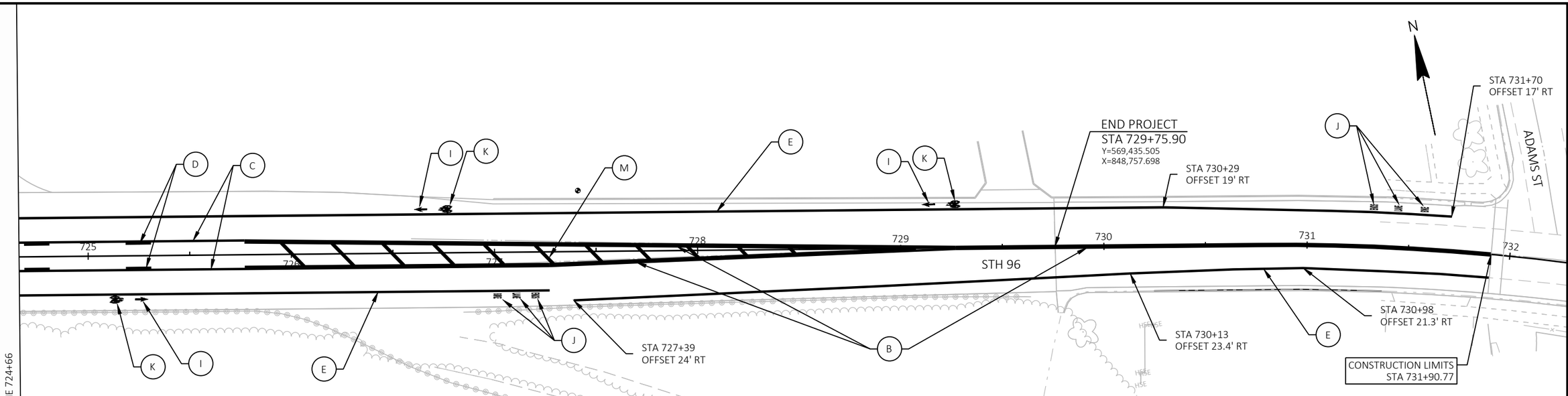
POST

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	PAVEMENT MARKING DETAILS	SHEET 61	E

FILE NAME : N:\PDS\C3D\46200200\SHEETS\024501-PM.DWG
LAYOUT NAME - 024509-pm

PLOT DATE : 7/14/2026 3:00 PM PLOT BY : CRUSE, DEXTER A PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 44

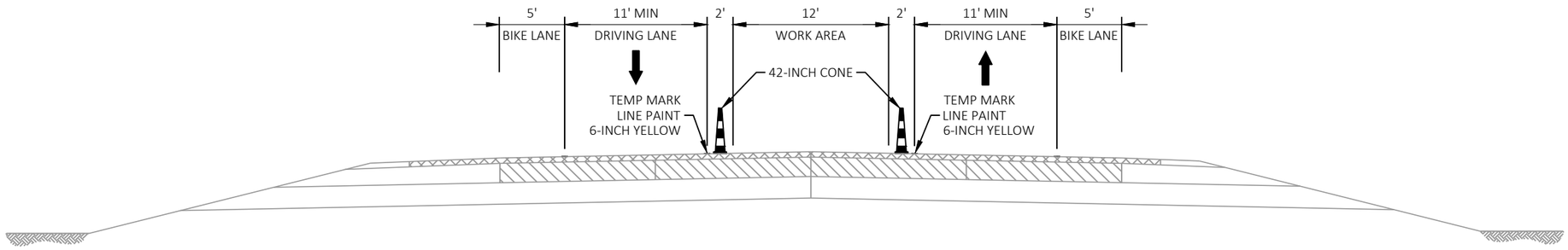


LEGEND FOR PAVEMENT MARKING

- (A) MARKING LINE EPOXY 6-INCH (DOUBLE YELLOW)
- (B) MARKING LINE GROOVED WET REF EPOXY 6-INCH (DOUBLE YELLOW)
- (C) MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
- (D) MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW) 12.5' LINE, 37.5' GAP
- (E) MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
- (F) MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE) 3' LINE, 9' GAP
- (G) MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)
- (H) MARKING ARROW EPOXY TYPE 2 (WHITE)
- (I) MARKING ARROW EPOXY BIKE LANE ARROW (WHITE)
- (J) MARKING WORD EPOXY "BIKE LANE ENDS" (WHITE)
- (K) MARKING SYMBOL EPOXY "BIKE LANE SYMBOL" (WHITE)
- (L) MARKING STOP LINE EPOXY 18-INCH (WHITE)
- (M) MARKING DIAGONAL EPOXY 12-INCH (YELLOW)

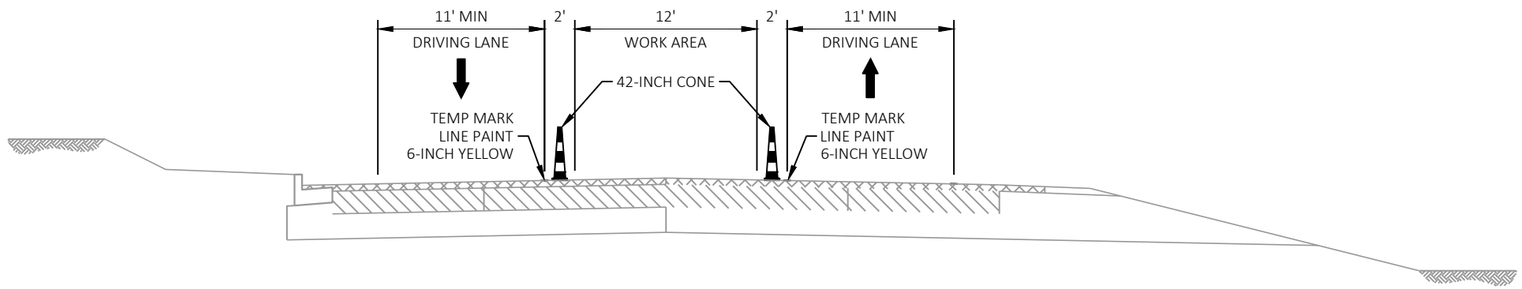
2

STH 96
RL



STAGE 1 - STH 96
STA 725+50 - 727+00

STH 96
RL



STAGE 1 - STH 96
STA 727+00 - 729+76

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL DETAILS - STAGE 1	SHEET 63	E

FILE NAME : N:\PDS\C3D\46200200\SHEETS\025101-TC.DWG
LAYOUT NAME - 02510101-tc

PLOT DATE : 7/14/2026 3:03 PM PLOT BY : CRUSE, DEXTER A PLOT NAME : PLOT SCALE : 1 IN:10 FT

2

N

N BALLARD ROAD

13 'BAL'

12 'BAL'

11 'BAL'

10 'BAL'

9 'BAL'

N LEONA STREET

1 'LEO'

0 'LEO'

592

593

594

595

596

597

598

599

STH 96

PCMS

MAX. 10' WIDTH
W12-52
48"X48"

3 MILES AHEAD
W057-52
48"X36"

LEGEND

- TYPE III BARRICADE WITH SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM W/LIGHT
- TRAFFIC CONTROL 42-INCH CONE
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- TEMPORARY PEDESTRIAN BARRIER
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- WORK AREA
- TRAFFIC CONTROL 16-INCH FLAGS
- REMOVE EXISTING PAVEMENT MARKING LINE

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL DETAILS - STAGE 1	SHEET 64	E

FILE NAME : N:\PDS\C3D\46200200\SHEETS\025100-TC.DWG
LAYOUT NAME - 025102tc

PLOT DATE : 7/14/2026 3:03 PM PLOT BY : CRUSE, DEXTER A PLOT NAME : PLOT SCALE : 1 IN:50 FT

2

N

706 707 708 709 710 711 712 713

STH 96

ROAD WORK AHEAD W20-1A

LEGEND

- TYPE III BARRICADE WITH SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM W/LIGHT
- TRAFFIC CONTROL 42-INCH CONE
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- TEMPORARY PEDESTRIAN BARRIER
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- WORK AREA
- TRAFFIC CONTROL 16-INCH FLAGS
- REMOVE EXISTING PAVEMENT MARKING LINE

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL DETAILS - STAGE 1	SHEET 65	E

FILE NAME : N:\PDS\C3D\46200200\SHEETS\025100-TC.DWG
LAYOUT NAME - 025117tc
PLOT DATE : 7/14/2026 3:03 PM
PLOT BY : CRUSE, DEXTER A
PLOT NAME :
PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 42

2

N

END
ROAD WORK
G20-2A
48"X24"

714 715 716 717 718 719 720 72

STH 96

ROAD
WORK
500 FT
W20-1D

W01-4R

ROAD
WORK
250 FT
W20-1H

LEGEND

- TYPE III BARRICADE WITH SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM W/LIGHT
- TRAFFIC CONTROL 42-INCH CONE
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- TEMPORARY PEDESTRIAN BARRIER
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- WORK AREA
- TRAFFIC CONTROL 16-INCH FLAGS
- REMOVE EXISTING PAVEMENT MARKING LINE

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL DETAILS - STAGE 1	SHEET 66	E

FILE NAME : N:\PDS\C3D\46200200\SHEETS\025100-TC.DWG
LAYOUT NAME - 025118tc

PLOT DATE : 7/14/2026 3:03 PM PLOT BY : CRUSE, DEXTER A PLOT NAME : PLOT SCALE : 1 IN:50 FT

2

2

ROAD WORK AHEAD
W20-1A

WASHINGTON STREET

2 WAS

1 WAS

0 WAS

R11-2L
48"X30"
LANE CLOSED
TYPE III BARRICADE

TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)

25'
TYP

721 722 723 724 725 726 727 728

STH 96

TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)

25'
TYP

MAX.
10'
WIDTH
W12-52
48"X48"

W01-4L

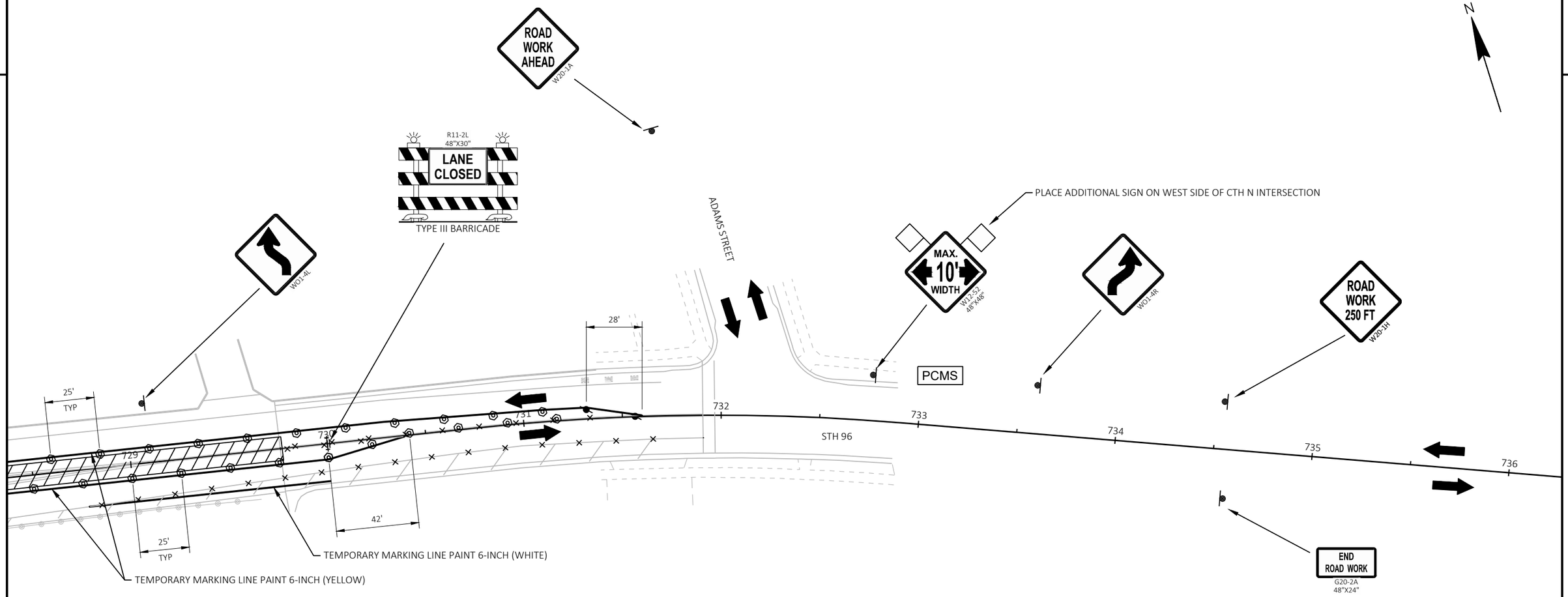
N

LEGEND

- TYPE III BARRICADE WITH SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM W/LIGHT
- TRAFFIC CONTROL 42-INCH CONE
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- TEMPORARY PEDESTRIAN BARRIER
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- WORK AREA
- TRAFFIC CONTROL 16-INCH FLAGS
- REMOVE EXISTING PAVEMENT MARKING LINE

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL DETAILS - STAGE 1	SHEET 67	E

2



LEGEND

- TYPE III BARRICADE WITH SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM W/LIGHT
- TRAFFIC CONTROL 42-INCH CONE
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- TEMPORARY PEDESTRIAN BARRIER
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- WORK AREA
- TRAFFIC CONTROL 16-INCH FLAGS
- REMOVE EXISTING PAVEMENT MARKING LINE

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL DETAILS - STAGE 1	SHEET 68	E

FILE NAME : N:\PDS\C3D\46200200\SHEETS\025100-TC.DWG
LAYOUT NAME - 025120tc

PLOT DATE : 7/14/2026 3:03 PM PLOT BY : CRUSE, DEXTER A PLOT NAME : PLOT SCALE : 1 IN:50 FT

2

2

N

ROAD WORK 500 FT
W20-1D

ROAD WORK AHEAD
W20-1A

736 737 738 739 740 741 742 742

STH 96

STH 96

LEGEND

- TYPE III BARRICADE WITH SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM W/LIGHT
- TRAFFIC CONTROL 42-INCH CONE
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- TEMPORARY PEDESTRIAN BARRIER
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- WORK AREA
- TRAFFIC CONTROL 16-INCH FLAGS
- REMOVE EXISTING PAVEMENT MARKING LINE

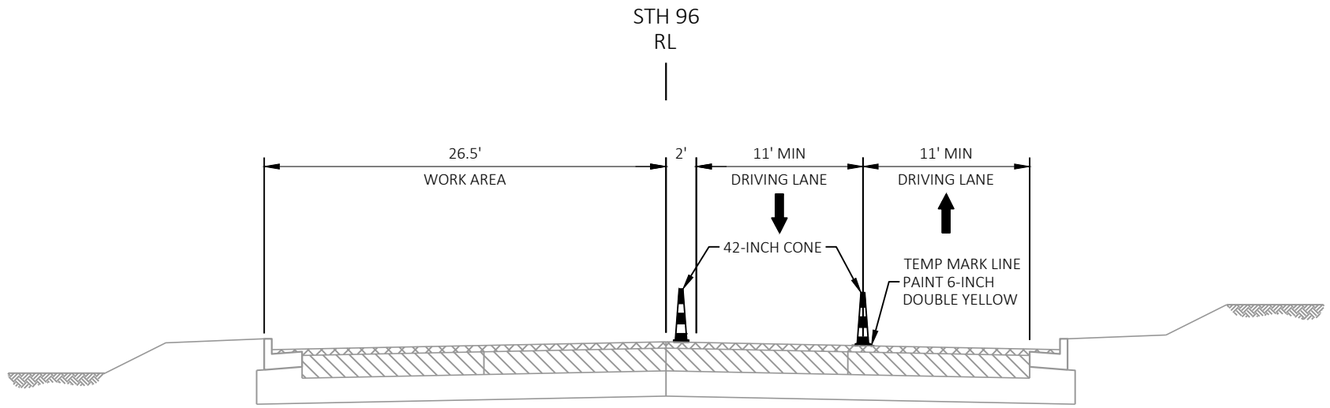
PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL DETAILS - STAGE 1	SHEET 69	E

FILE NAME : N:\PDS\C3D\46200200\SHEETS\025100-TC.DWG
LAYOUT NAME - 025121tc

PLOT DATE : 7/14/2026 3:03 PM PLOT BY : CRUSE, DEXTER A PLOT NAME : PLOT SCALE : 1 IN:50 FT

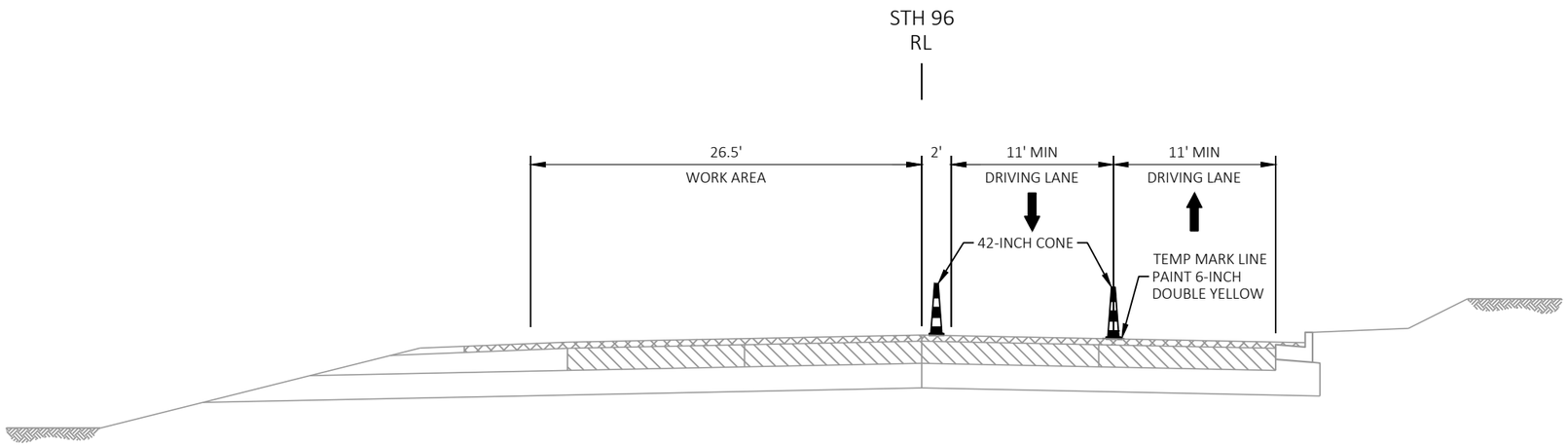
WISDOT/CADDS SHEET 42

2



STAGE 2 - STH 96

STA 596+85 - 686+10



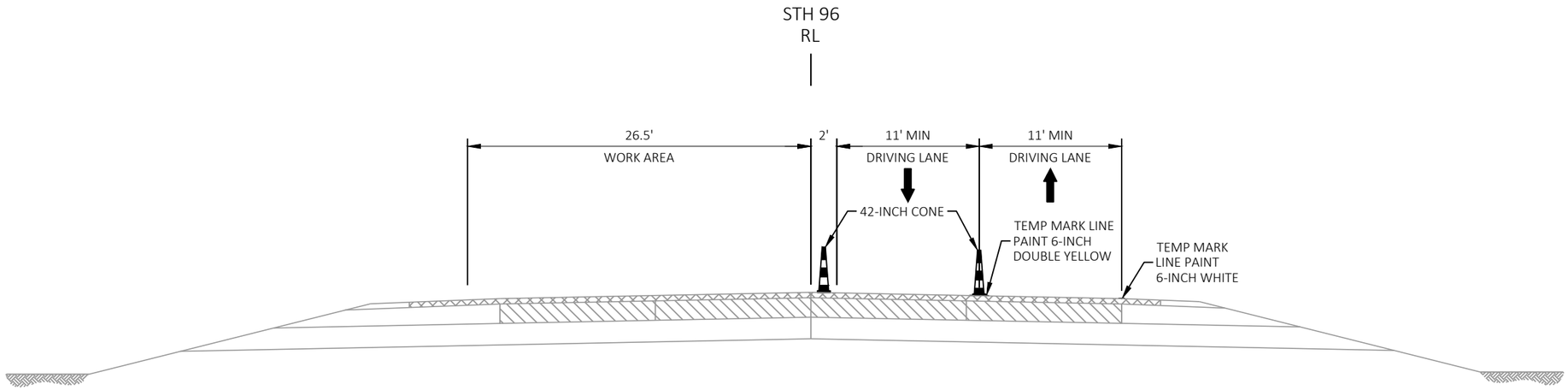
STAGE 2 - STH 96

STA 686+10 - 705+00

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL DETAILS - STAGE 2	SHEET 70	E

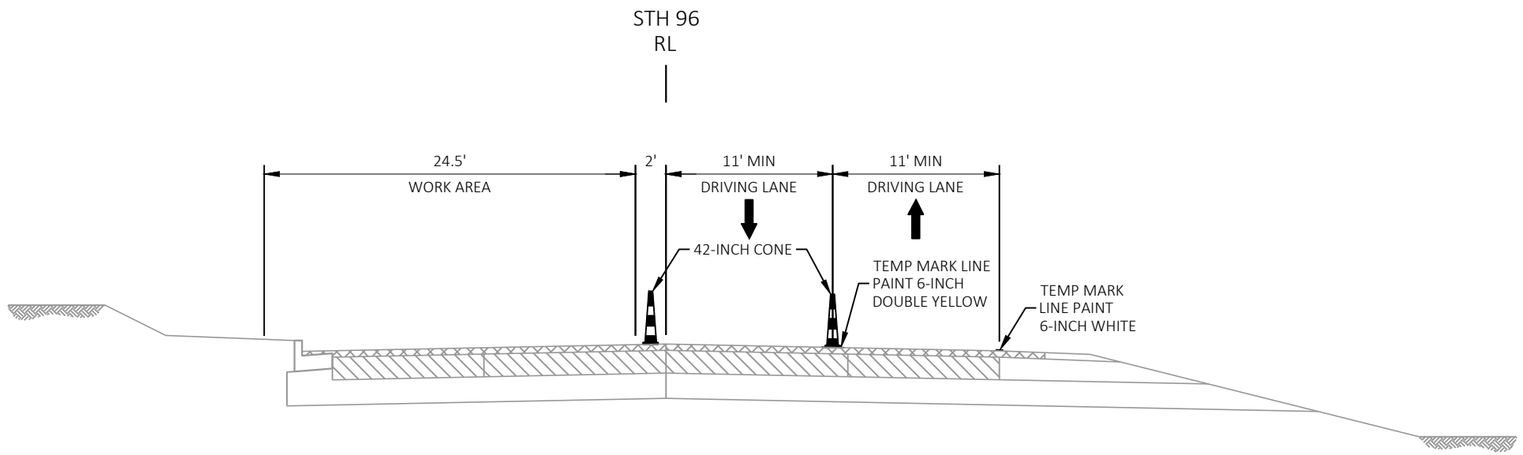
FILE NAME : N:\PDS\C3D\46200200\SHEETS\025101-TC.DWG
LAYOUT NAME - 02510102-tc
PLOT DATE : 7/14/2026 3:03 PM
PLOT BY : CRUSE, DEXTER A
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

2



STAGE 2 - STH 96

STA 705+00 - 727+00



STAGE 2 - STH 96

STA 727+00 - 729+76

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL DETAILS - STAGE 2	SHEET 71	E

2

LEGEND

- TYPE III BARRICADE WITH SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM W/LIGHT
- TRAFFIC CONTROL 42-INCH CONE
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- TEMPORARY PEDESTRIAN BARRIER
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- WORK AREA
- TRAFFIC CONTROL 16-INCH FLAGS
- REMOVE EXISTING PAVEMENT MARKING LINE

N

END ROAD WORK
G20-2A
48"X24"

583 584 585 586 587 588 589 590 591

STH 96

ROAD WORK AHEAD
W20-1A

ROAD WORK 500 FT
W20-1D

W01-4R

COVER "BIKE LANE AHEAD" SIGN

ROAD WORK 250 FT
W20-1H

2

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL DETAILS - STAGE 2	SHEET 72	E

2

N

ROAD WORK AHEAD W20-1A

N BALLARD ROAD

13 'BAL'

12 'BAL'

11 'BAL'

10 'BAL'

9 'BAL'

END ROAD WORK G20-2A 48"X24"

PCMS

MAX. 10' WIDTH W12-52 48"X48"

ROAD WORK AHEAD W20-1A

TEMPORARY PEDESTRIAN BARRICADE TO BE USED FOR SIDEWALK CLOSURE

R11-2L 48"X30" LANE CLOSED

TYPE III BARRICADE

SIDEWALK CLOSED R9-9 24"X12"

EXISTING PAVEMENT MARKING TO REMAIN IN PLACE FOR STAGE

TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)

COVER STOP SIGN

STOP R1-1 30"X30"

N LEONA STREET

1 'LEO'

0 'LEO'

COVER "BIKE LANE ENDS" AND "DO NOT ENTER" SIGNS

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

15' TYP

25' TYP

592 593 594 595 596 597 598 599

STH 96

TEMPORARY MARKING LINE PAINT 6-INCH (DOUBLE YELLOW)

REMOVE PAVEMENT MARKINGS (ARROWS AND SYMBOL)

COVER "CENTER LANE LEFT TURN ONLY" SIGN

25' TYP

42'

MAY USE FULL LANE R4-11 30"X30"

REMOVE PAVEMENT MARKINGS (ARROW AND SYMBOL)

COVER "BIKE LANE" SIGN

TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)

TEMPORARY PEDESTRIAN BARRICADE TO BE USED FOR SIDEWALK CLOSURE

SIDEWALK CLOSED R9-9 24"X12"

143'

REMOVE PAVEMENT MARKINGS (ARROW AND WORD)

ROAD WORK AHEAD W20-1A

LEGEND

- TYPE III BARRICADE WITH SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM W/LIGHT
- TRAFFIC CONTROL 42-INCH CONE
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- TEMPORARY PEDESTRIAN BARRIER
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- WORK AREA
- TRAFFIC CONTROL 16-INCH FLAGS
- REMOVE EXISTING PAVEMENT MARKING LINE

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL DETAILS - STAGE 2	SHEET 73	E

FILE NAME : N:\PDS\C3D\46200200\SHEETS\025100-TC.DWG
LAYOUT NAME - 025123tc

PLOT DATE : 7/14/2026 3:04 PM PLOT BY : CRUSE, DEXTER A PLOT NAME : PLOT SCALE : 1 IN:50 FT

2

N

W01-4R

COVER
"WRONG WAY"
SIGN

25'
TYP

REMOVE PAVEMENT MARKINGS
(ARROWS AND WORDS)

PLACE 4 DRUMS
APPROXIMATELY EVERY 1000'
ACROSS CLOSED LANE

599 600 601 602 603 604 605 606

STH 96

0' GRA'

COVER
"CENTER LANE
LEFT TURN ONLY"
SIGN

25'
TYP

TEMPORARY
MARKING LINE
PAINT 6-INCH
(DOUBLE YELLOW)

COVER
"CENTER LANE
LEFT TURN ONLY"
SIGN

N GRANDVIEW ROAD

1' GRA'

REMOVE PAVEMENT MARKINGS
(ARROWS, WORD, AND SYMBOL)

ROAD
WORK
AHEAD
W20-1A

LEGEND

- TYPE III BARRICADE WITH SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM W/LIGHT
- TRAFFIC CONTROL 42-INCH CONE
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- TEMPORARY PEDESTRIAN BARRIER
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- WORK AREA
- TRAFFIC CONTROL 16-INCH FLAGS
- REMOVE EXISTING PAVEMENT MARKING LINE

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL DETAILS - STAGE 2	SHEET 74	E

FILE NAME : N:\PDS\C3D\46200200\SHEETS\025100-TC.DWG
LAYOUT NAME - 025124tc
PLOT DATE : 7/14/2026 3:04 PM
PLOT BY : CRUSE, DEXTER A
PLOT NAME :
PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 42

2

2

N

COVER
"END DIVIDED
ROADWAY"
SIGN

COVER
"BIKE LANE"
SIGN

25'
TYP

607 608 609 610 611 612 613 614

0 'GRE'

STH 96

25'
TYP

REMOVE PAVEMENT MARKINGS
(ARROWS, WORD, AND SYMBOL)

TEMPORARY
MARKING LINE
PAINT 6-INCH
(DOUBLE YELLOW)

N GREEN GROVE ROAD

1 'GRE'

ROAD
WORK
AHEAD
W20-1A

LEGEND

- TYPE III BARRICADE WITH SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM W/LIGHT
- TRAFFIC CONTROL 42-INCH CONE
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- TEMPORARY PEDESTRIAN BARRIER
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- WORK AREA
- TRAFFIC CONTROL 16-INCH FLAGS
- REMOVE EXISTING PAVEMENT MARKING LINE

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL DETAILS - STAGE 2	SHEET 75	E

FILE NAME : N:\PDS\C3D\46200200\SHEETS\025100-TC.DWG
LAYOUT NAME - 025125tc
PLOT DATE : 7/14/2026 3:04 PM
PLOT BY : CRUSE, DEXTER A
PLOT NAME :
PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 42

2

2

N

REMOVE PAVEMENT MARKINGS
(ARROWS AND SYMBOL)

COVER
"CENTER LANE
LEFT TURN ONLY"
SIGN

REMOVE PAVEMENT MARKINGS
(ARROWS AND SYMBOL)

25'
TYP

615 616 617 618 619 620 621

STH 96

COVER
"BIKE LANE"
SIGN

25'
TYP

COVER
"CENTER LANE
LEFT TURN ONLY"
SIGN

TEMPORARY
MARKING LINE
PAINT 6-INCH
(DOUBLE YELLOW)

WOODLAWN ROAD

LEGEND

- TYPE III BARRICADE WITH SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM W/LIGHT
- TRAFFIC CONTROL 42-INCH CONE
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- TEMPORARY PEDESTRIAN BARRIER
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- WORK AREA
- TRAFFIC CONTROL 16-INCH FLAGS
- REMOVE EXISTING PAVEMENT MARKING LINE

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL DETAILS - STAGE 2	SHEET 76	E

2

N

622 623 624 625 626 627 628 629

STH 96

25' TYP

25' TYP

REMOVE PAVEMENT MARKINGS (ARROWS)

TEMPORARY MARKING LINE PAINT 6-INCH (DOUBLE YELLOW)

N POTATO POINT ROAD

1 'POT'

REMOVE PAVEMENT MARKINGS (ARROWS, WORD, AND SYMBOL)

ROAD WORK AHEAD W20-1A

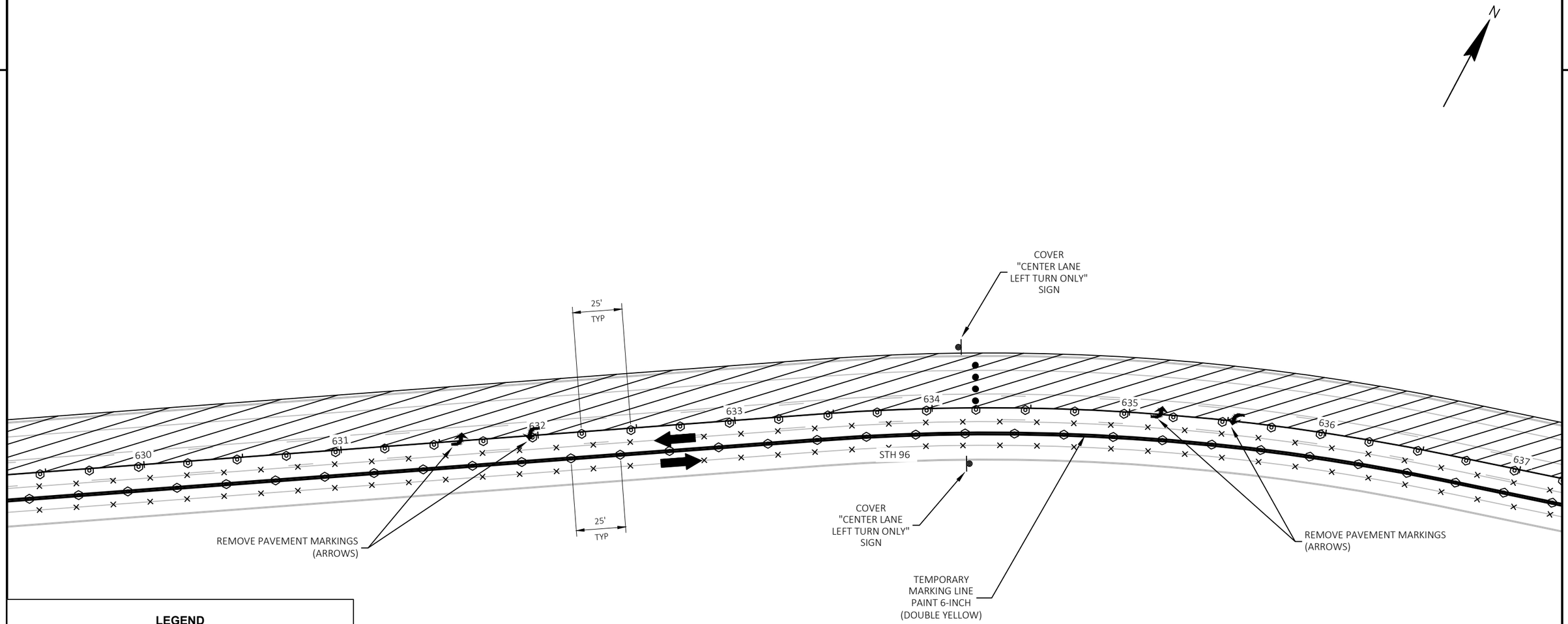
LEGEND

- TYPE III BARRICADE WITH SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM W/LIGHT
- TRAFFIC CONTROL 42-INCH CONE
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- TEMPORARY PEDESTRIAN BARRIER
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- WORK AREA
- TRAFFIC CONTROL 16-INCH FLAGS
- REMOVE EXISTING PAVEMENT MARKING LINE

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL DETAILS - STAGE 2	SHEET 77	E

FILE NAME : N:\PDS\C3D\46200200\SHEETS\025100-TC.DWG
LAYOUT NAME - 025127tc
PLOT DATE : 7/14/2026 3:04 PM
PLOT BY : CRUSE, DEXTER A
PLOT NAME :
PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 42

2



LEGEND

- TYPE III BARRICADE WITH SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM W/LIGHT
- TRAFFIC CONTROL 42-INCH CONE
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- TEMPORARY PEDESTRIAN BARRIER
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- WORK AREA
- TRAFFIC CONTROL 16-INCH FLAGS
- REMOVE EXISTING PAVEMENT MARKING LINE

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL DETAILS - STAGE 2	SHEET 78	E

2

N

COVER "BIKE LANE" SIGN

REMOVE PAVEMENT MARKINGS (ARROWS, WORD, AND SYMBOL)

25' TYP

637 638 639 640 641 642 643 644

STH 96

25' TYP

REMOVE PAVEMENT MARKINGS (ARROWS)

COVER "BIKE LANE" SIGN

TEMPORARY MARKING LINE PAINT 6-INCH (DOUBLE YELLOW)

LEGEND

- TYPE III BARRICADE WITH SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM W/LIGHT
- TRAFFIC CONTROL 42-INCH CONE
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- TEMPORARY PEDESTRIAN BARRIER
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- WORK AREA
- TRAFFIC CONTROL 16-INCH FLAGS
- REMOVE EXISTING PAVEMENT MARKING LINE

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL DETAILS - STAGE 2	SHEET 79	E

FILE NAME : N:\PDS\C3D\46200200\SHEETS\025100-TC.DWG
LAYOUT NAME - 025129tc
PLOT DATE : 7/14/2026 3:04 PM
PLOT BY : CRUSE, DEXTER A
PLOT NAME :
PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 42

2

2

N

COVER
"BIKE LANE"
SIGN

REMOVE PAVEMENT MARKINGS
(ARROWS)

25'
TYP

645 646 647 648 649 650 651 652

STH 96

25'
TYP

TEMPORARY
MARKING LINE
PAINT 6-INCH
(DOUBLE YELLOW)

COVER
"BIKE LANE"
SIGN

LEGEND

- TYPE III BARRICADE WITH SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM W/LIGHT
- TRAFFIC CONTROL 42-INCH CONE
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- TEMPORARY PEDESTRIAN BARRIER
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- WORK AREA
- TRAFFIC CONTROL 16-INCH FLAGS
- REMOVE EXISTING PAVEMENT MARKING LINE

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL DETAILS - STAGE 2	SHEET 80	E

FILE NAME : N:\PDS\C3D\46200200\SHEETS\025100-TC.DWG
LAYOUT NAME - 025130tc

PLOT DATE : 7/14/2026 3:04 PM PLOT BY : CRUSE, DEXTER A PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 42

2

2

N

ROAD WORK AHEAD
W20-1A

R11-2L
48"X30"
LANE CLOSED
TYPE III BARRICADE

COVER "CENTER LANE LEFT TURN ONLY" SIGN

COVER STOP SIGN

15' TYP

N FRENCH ROAD

1 'FRE'

0 'FRE'

0 'RAI'

STOP
R1-1
30"X30"

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

25'
TYP

REMOVE PAVEMENT MARKINGS (ARROWS, WORD, AND SYMBOL)

653 654 655 656 657 658 659 660

STH 96

COVER "CENTER LANE LEFT TURN ONLY" SIGN

REMOVE PAVEMENT MARKINGS (ARROW AND SYMBOL)

25'
TYP

TEMPORARY MARKING LINE PAINT 6-INCH (DOUBLE YELLOW)

0 'FPW'

1 'RAI'
RAINBOW LANE

E FOX POINT DRIVE
1 'FPW'

ROAD WORK AHEAD
W20-1A

ROAD WORK AHEAD
W20-1A

LEGEND

- TYPE III BARRICADE WITH SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM W/LIGHT
- TRAFFIC CONTROL 42-INCH CONE
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- TEMPORARY PEDESTRIAN BARRIER
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- WORK AREA
- TRAFFIC CONTROL 16-INCH FLAGS
- REMOVE EXISTING PAVEMENT MARKING LINE

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL DETAILS - STAGE 2	SHEET 81	E

2

2

N

REMOVE PAVEMENT MARKINGS
(ARROWS)

25'
TYP

REMOVE PAVEMENT MARKINGS
(ARROWS, WORD, AND SYMBOL)

660 661 662 663 664 665 666 667

0 'FPE'

STH 96

25'
TYP

TEMPORARY
MARKING LINE
PAINT 6-INCH
(DOUBLE YELLOW)

E FOX POINT DRIVE

1 'FPE'

ROAD
WORK
AHEAD
W20-3A

LEGEND

- TYPE III BARRICADE WITH SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM W/LIGHT
- TRAFFIC CONTROL 42-INCH CONE
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- TEMPORARY PEDESTRIAN BARRIER
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- WORK AREA
- TRAFFIC CONTROL 16-INCH FLAGS
- REMOVE EXISTING PAVEMENT MARKING LINE

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL DETAILS - STAGE 2	SHEET 82	E

2

2

N

REMOVE PAVEMENT MARKINGS
(ARROWS)

25'
TYP

REMOVE PAVEMENT MARKINGS
(ARROWS AND SYMBOL)

668
669
670
671
672
673
674
675

STH 96

25'
TYP

COVER
"BIKE LANE"
SIGN

TEMPORARY
MARKING LINE
PAINT 6-INCH
(DOUBLE YELLOW)

LEGEND

- TYPE III BARRICADE WITH SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM W/LIGHT
- TRAFFIC CONTROL 42-INCH CONE
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- TEMPORARY PEDESTRIAN BARRIER
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- WORK AREA
- TRAFFIC CONTROL 16-INCH FLAGS
- REMOVE EXISTING PAVEMENT MARKING LINE

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL DETAILS - STAGE 2	SHEET 83	E

FILE NAME : N:\PDS\C3D\46200200\SHEETS\025100-TC.DWG
LAYOUT NAME - 025133tc

PLOT DATE : 7/14/2026 3:04 PM PLOT BY : CRUSE, DEXTER A PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 42

2

2

N

REMOVE PAVEMENT MARKINGS (ARROWS)

COVER "CENTER LANE LEFT TURN ONLY" SIGN

25' TYP

676 677 678 679 680 681 682

STH 96

TEMPORARY MARKING LINE PAINT 6-INCH (DOUBLE YELLOW)

COVER "CENTER LANE LEFT TURN ONLY" SIGN

25' TYP

REMOVE PAVEMENT MARKINGS (ARROWS)

LEGEND

- TYPE III BARRICADE WITH SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM W/LIGHT
- TRAFFIC CONTROL 42-INCH CONE
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- TEMPORARY PEDESTRIAN BARRIER
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- WORK AREA
- TRAFFIC CONTROL 16-INCH FLAGS
- REMOVE EXISTING PAVEMENT MARKING LINE

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL DETAILS - STAGE 2	SHEET 84	E

FILE NAME : N:\PDS\C3D\46200200\SHEETS\025100-TC.DWG
LAYOUT NAME - 025134tc

PLOT DATE : 7/14/2026 3:04 PM PLOT BY : CRUSE, DEXTER A PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 42

2

2

N

REMOVE PAVEMENT MARKINGS
(ARROWS)

25'
TYP

683 684 685 686 687 688 689 690

STH 96

25'
TYP

TEMPORARY
MARKING LINE
PAINT 6-INCH
(DOUBLE YELLOW)

REMOVE PAVEMENT MARKINGS
(ARROWS)

LEGEND

- TYPE III BARRICADE WITH SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM W/LIGHT
- TRAFFIC CONTROL 42-INCH CONE
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- TEMPORARY PEDESTRIAN BARRIER
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- WORK AREA
- TRAFFIC CONTROL 16-INCH FLAGS
- REMOVE EXISTING PAVEMENT MARKING LINE

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL DETAILS - STAGE 2	SHEET 85	E

FILE NAME : N:\PDS\C3D\46200200\SHEETS\025100-TC.DWG
LAYOUT NAME - 025135tc

PLOT DATE : 7/14/2026 3:04 PM PLOT BY : CRUSE, DEXTER A PLOT NAME : PLOT SCALE : 1 IN:50 FT

2

2

N

COVER
"BIKE LANE"
SIGN

COVER
"CENTER LANE
LEFT TURN ONLY"
SIGN

25'
TYP

691 692 693 694 695 696 697 698

STH 96

MAY USE
FULL LANE
R4-11
30"X30"

COVER
"BIKE LANE"
SIGN

REMOVE PAVEMENT MARKINGS
(ARROWS AND SYMBOL)

TEMPORARY
MARKING LINE
PAINT 6-INCH
(DOUBLE YELLOW)

25'
TYP

COVER
"CENTER LANE
LEFT TURN ONLY"
SIGN

LEGEND

- TYPE III BARRICADE WITH SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM W/LIGHT
- TRAFFIC CONTROL 42-INCH CONE
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- TEMPORARY PEDESTRIAN BARRIER
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- WORK AREA
- TRAFFIC CONTROL 16-INCH FLAGS
- REMOVE EXISTING PAVEMENT MARKING LINE

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL DETAILS - STAGE 2	SHEET 86	E

FILE NAME : N:\PDS\C3D\46200200\SHEETS\025100-TC.DWG
LAYOUT NAME - 025136tc

PLOT DATE : 7/14/2026 3:05 PM PLOT BY : CRUSE, DEXTER A PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 42

2

2

N

REMOVE PAVEMENT MARKINGS (ARROWS)

25' TYP

REMOVE PAVEMENT MARKINGS (ARROWS)

COVER "BIKE LANE" SIGN

698 699 700 701 702 703 704 705

STH 96

25' TYP

TEMPORARY MARKING LINE PAINT 6-INCH (DOUBLE YELLOW)

COVER "BIKE LANE" SIGN

LEGEND

- TYPE III BARRICADE WITH SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM W/LIGHT
- TRAFFIC CONTROL 42-INCH CONE
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- TEMPORARY PEDESTRIAN BARRIER
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- WORK AREA
- TRAFFIC CONTROL 16-INCH FLAGS
- REMOVE EXISTING PAVEMENT MARKING LINE

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL DETAILS - STAGE 2	SHEET 87	E

2

2

N

COVER "BIKE LANE" SIGN

REMOVE PAVEMENT MARKINGS (ARROWS AND SYMBOL)

REMOVE PAVEMENT MARKINGS (ARROWS)

25' TYP

706 707 708 709 710 711 712 713

STH 96

TEMPORARY MARKING LINE PAINT 6-INCH (DOUBLE YELLOW)

25' TYP

TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)

COVER "BIKE LANE" SIGN

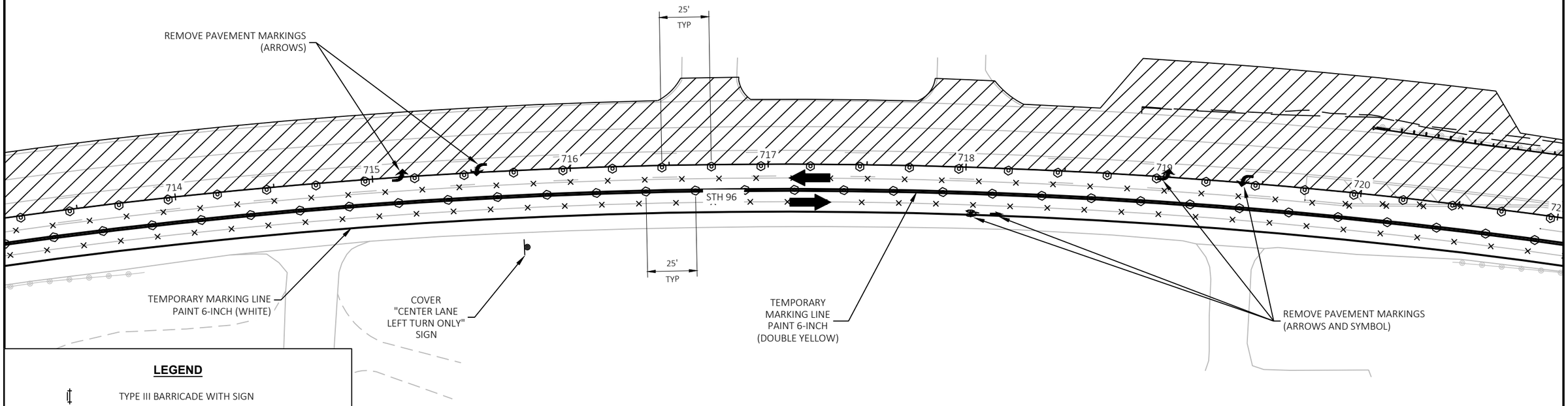
LEGEND

- TYPE III BARRICADE WITH SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM W/LIGHT
- TRAFFIC CONTROL 42-INCH CONE
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- TEMPORARY PEDESTRIAN BARRIER
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- WORK AREA
- TRAFFIC CONTROL 16-INCH FLAGS
- REMOVE EXISTING PAVEMENT MARKING LINE

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL DETAILS - STAGE 2	SHEET 88	E

2

N



LEGEND

- TYPE III BARRICADE WITH SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM W/LIGHT
- TRAFFIC CONTROL 42-INCH CONE
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- TEMPORARY PEDESTRIAN BARRIER
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- WORK AREA
- TRAFFIC CONTROL 16-INCH FLAGS
- REMOVE EXISTING PAVEMENT MARKING LINE

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL DETAILS - STAGE 2	SHEET 89	E

FILE NAME : N:\PDS\C3D\46200200\SHEETS\025100-TC.DWG
LAYOUT NAME - 025139tc

PLOT DATE : 7/14/2026 3:05 PM PLOT BY : CRUSE, DEXTER A PLOT NAME : PLOT SCALE : 1 IN:50 FT

2

N

ROAD WORK AHEAD
W20-1A

R11-2L
48"X30"
LANE CLOSED

TYPE III BARRICADE

COVER "BIKE LANE" SIGN

COVER STOP SIGN

STOP
R1-1
30"X30"

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

COVER "CENTER LANE LEFT TURN ONLY" SIGN

REMOVE PAVEMENT MARKINGS (ARROWS AND WORDS)

25' TYP

15' TYP

2 WAS

WASHINGTON STREET

1 WAS

0 WAS

SEE SDD 15D28 TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY

721 722 723 724 725 726 727 728

STH 96

REMOVE PAVEMENT MARKINGS (ARROWS AND WORD)

TEMPORARY MARKING LINE PAINT 6-INCH (DOUBLE YELLOW)

TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)

COVER "END DIVIDED ROADWAY" AND "WRONG WAY" SIGNS

25' TYP

COVER "BIKE LANE ENDS" AND "DO NOT ENTER" SIGNS

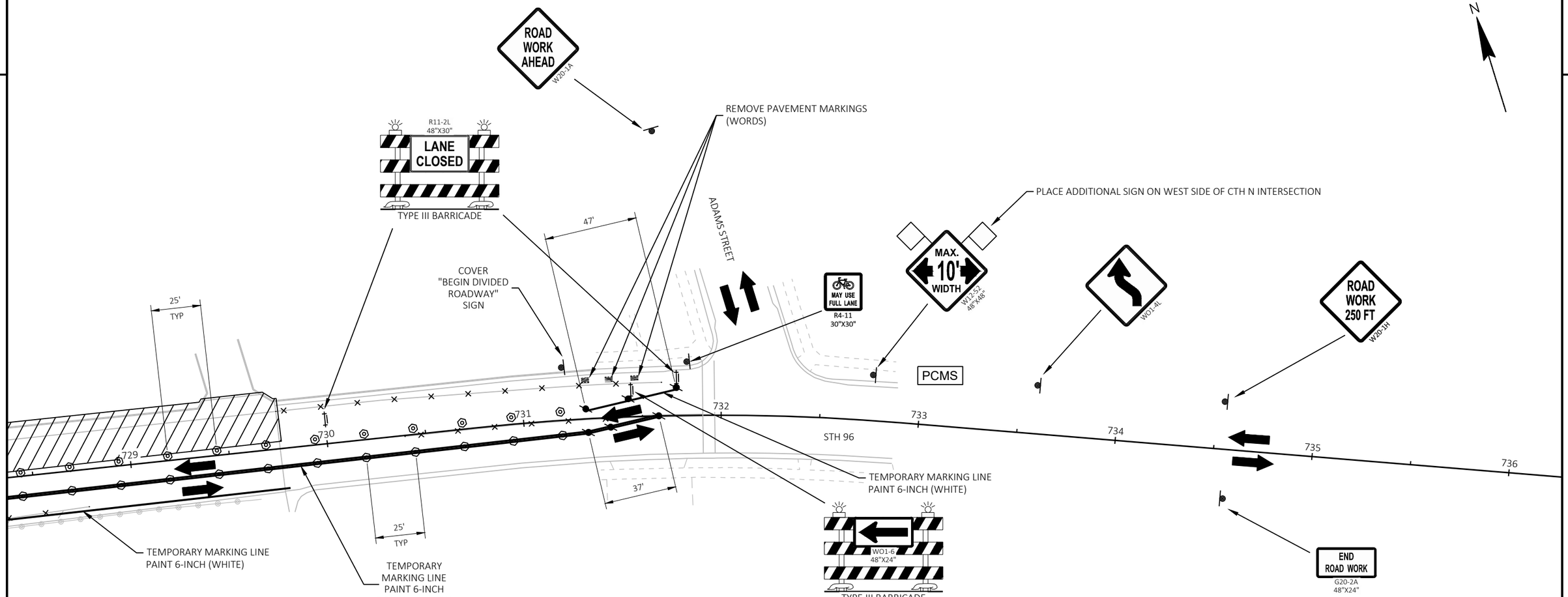
W01-4L

LEGEND

- TYPE III BARRICADE WITH SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM W/LIGHT
- TRAFFIC CONTROL 42-INCH CONE
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- TEMPORARY PEDESTRIAN BARRIER
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- WORK AREA
- TRAFFIC CONTROL 16-INCH FLAGS
- REMOVE EXISTING PAVEMENT MARKING LINE

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL DETAILS - STAGE 2	SHEET 90	E

2



LEGEND

- TYPE III BARRICADE WITH SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM W/LIGHT
- TRAFFIC CONTROL 42-INCH CONE
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- TEMPORARY PEDESTRIAN BARRIER
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- WORK AREA
- TRAFFIC CONTROL 16-INCH FLAGS
- REMOVE EXISTING PAVEMENT MARKING LINE

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL DETAILS - STAGE 2	SHEET 91	E

FILE NAME : N:\PDS\C3D\46200200\SHEETS\025100-TC.DWG
LAYOUT NAME - 025141tc
PLOT DATE : 7/14/2026 3:05 PM
PLOT BY : CRUSE, DEXTER A
PLOT NAME :
PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 42

2

2

N





736 737 738 739 740 741 742 742

STH 96

LEGEND

- TYPE III BARRICADE WITH SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM W/LIGHT
- TRAFFIC CONTROL 42-INCH CONE
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- TEMPORARY PEDESTRIAN BARRIER
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- WORK AREA
- TRAFFIC CONTROL 16-INCH FLAGS
- REMOVE EXISTING PAVEMENT MARKING LINE

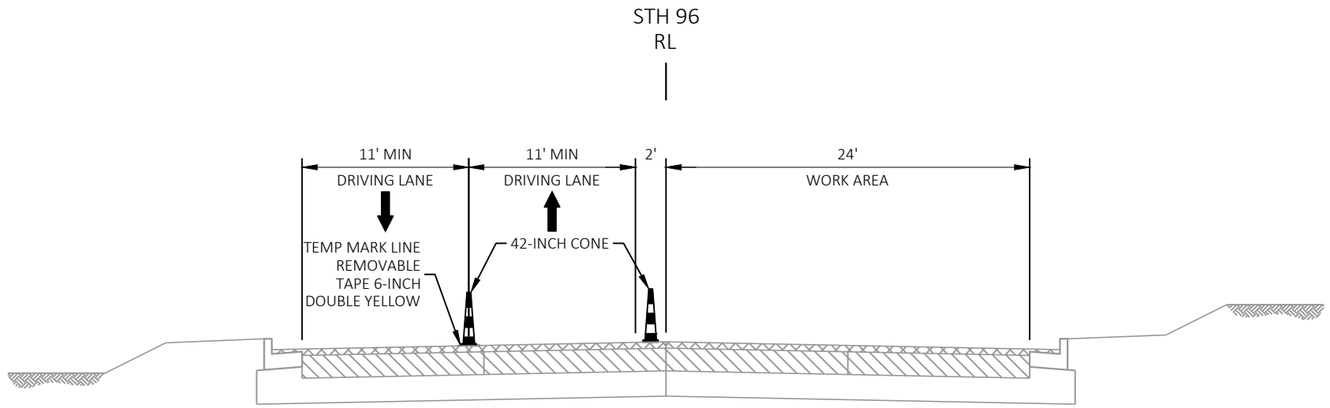
PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL DETAILS - STAGE 2	SHEET 92	E

FILE NAME : N:\PDS\C3D\46200200\SHEETS\025100-TC.DWG
LAYOUT NAME - 025142tc

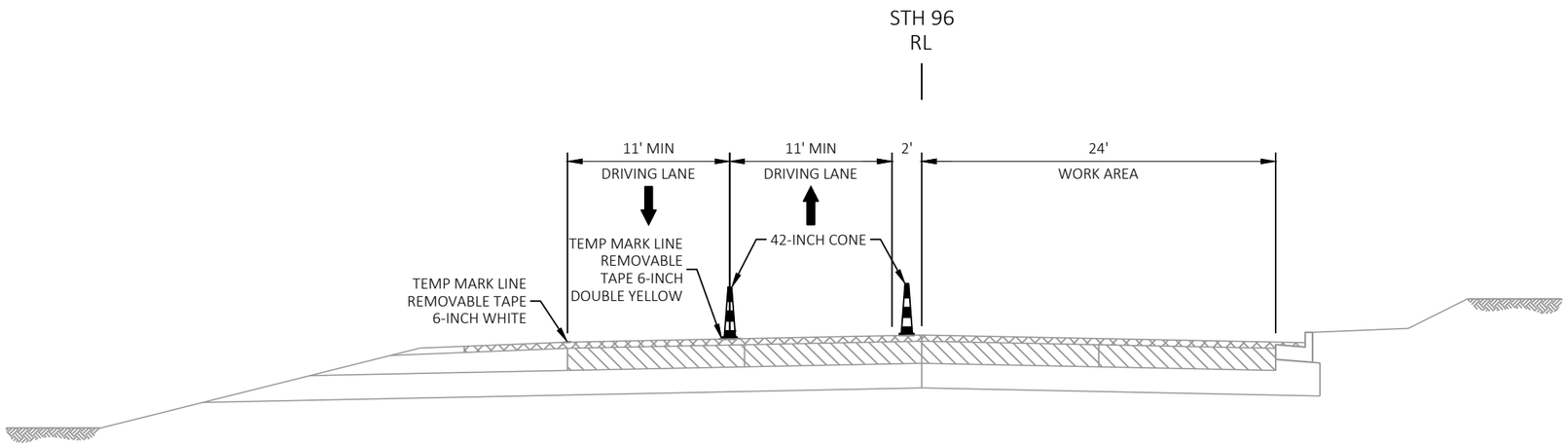
PLOT DATE : 7/14/2026 3:05 PM PLOT BY : CRUSE, DEXTER A PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 42

2



STAGE 3 - STH 96
STA 596+85 - 686+10

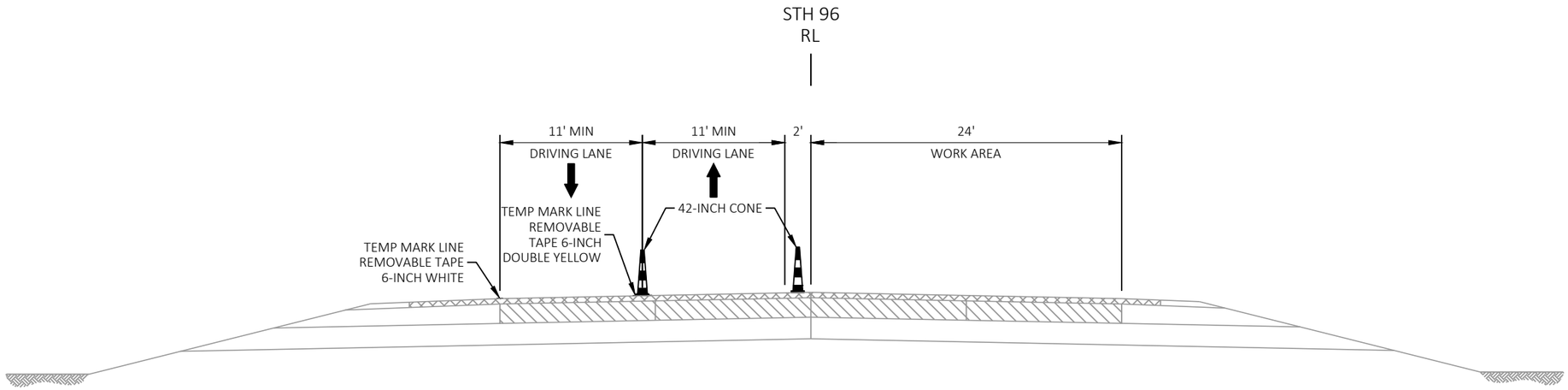


STAGE 3 - STH 96
STA 686+10 - 705+00

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL DETAILS - STAGE 3	SHEET 93	E

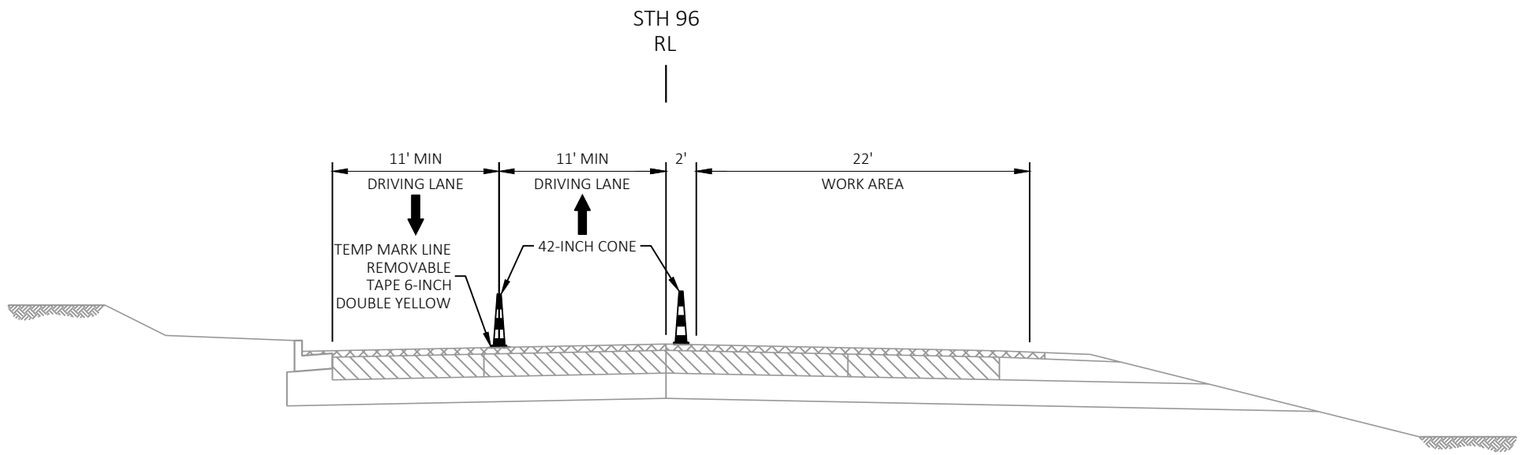
FILE NAME : N:\PDS\C3D\46200200\SHEETS\025101-TC.DWG
LAYOUT NAME - 02510104-tc
PLOT DATE : 7/14/2026 3:05 PM
PLOT BY : CRUSE, DEXTER A
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

2



STAGE 3 - STH 96

STA 705+00 - 727+00



STAGE 3 - STH 96

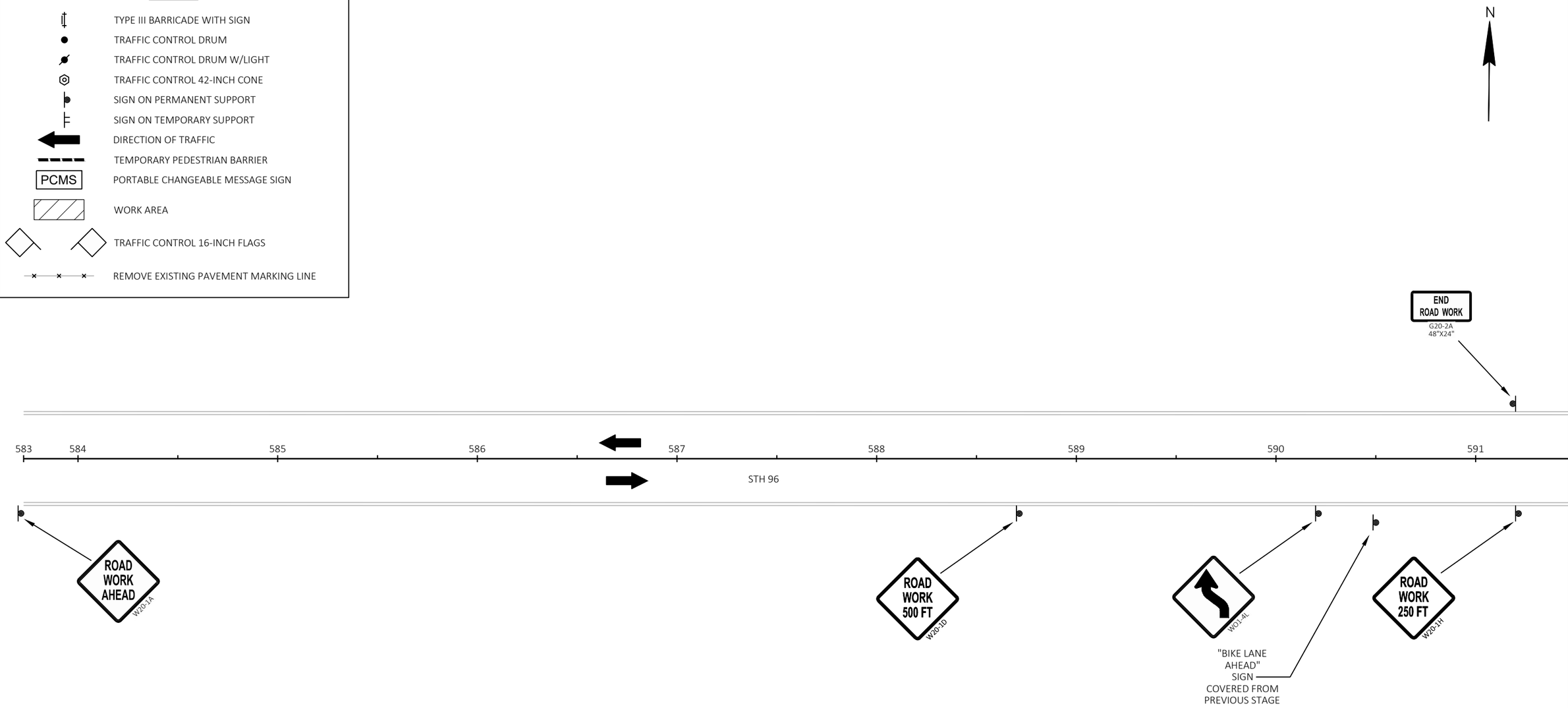
STA 727+00 - 729+75.90

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL DETAILS - STAGE 3	SHEET 94	E

2

LEGEND

- TYPE III BARRICADE WITH SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM W/LIGHT
- TRAFFIC CONTROL 42-INCH CONE
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- TEMPORARY PEDESTRIAN BARRIER
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- WORK AREA
- TRAFFIC CONTROL 16-INCH FLAGS
- REMOVE EXISTING PAVEMENT MARKING LINE



2

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL DETAILS - STAGE 3	SHEET 95	E

2

ROAD WORK AHEAD
W20-1A

N BALLARD ROAD

13 'BAL'

12 'BAL'

11 'BAL'

10 'BAL'

9 'BAL'

ROAD WORK AHEAD
W20-1A

N LEONA STREET

1 'LEO'

0 'LEO'

N

WO1-4L

END ROAD WORK
G20-2A
48"X24"

MAY USE FULL LANE
R4-11
30"X30"

EXISTING PAVEMENT MARKING TO REMAIN IN PLACE FOR STAGE

REMOVE PAVEMENT MARKINGS (WORDS)

COVER "ARROWS ONLY" SIGN

TEMPORARY PEDESTRIAN BARRICADE TO BE USED FOR SIDEWALK CLOSURE

SIDEWALK CLOSED
R9-9
24"X12"

TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (DOUBLE YELLOW)

"BIKE LANE ENDS" AND "DO NOT ENTER" SIGNS COVERED FROM PREVIOUS STAGE

592

593

594

596

597

598

599

STH 96

132'

25'
TYP

151'

PCMS

MAX.
10'
WIDTH
W11-52
48"X48"

ROAD WORK AHEAD
W20-1A

WO1-6
48"X24"
TYPE III BARRICADE

TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)

"BIKE LANE" SIGN COVERED FROM PREVIOUS STAGE

R11-2L
48"X30"
LANE CLOSED
TYPE III BARRICADE

SIDEWALK CLOSED
R9-9
24"X12"

TEMPORARY PEDESTRIAN BARRICADE TO BE USED FOR SIDEWALK CLOSURE

"CENTER LANE LEFT TURN ONLY" SIGN COVERED FROM PREVIOUS STAGE

LEGEND

- TYPE III BARRICADE WITH SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM W/LIGHT
- TRAFFIC CONTROL 42-INCH CONE
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- TEMPORARY PEDESTRIAN BARRIER
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- WORK AREA
- TRAFFIC CONTROL 16-INCH FLAGS
- REMOVE EXISTING PAVEMENT MARKING LINE

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL DETAILS - STAGE 3	SHEET 96	E

FILE NAME : N:\PDS\C3D\46200200\SHEETS\025100-TC.DWG
LAYOUT NAME - 025144tc

PLOT DATE : 7/14/2026 3:05 PM PLOT BY : CRUSE, DEXTER A PLOT NAME : PLOT SCALE : 1 IN:50 FT

2

2

"WRONG WAY"
SIGN
COVERED FROM
PREVIOUS STAGE

25'
TYP

TEMPORARY
MARKING LINE
REMOVABLE TAPE
6-INCH
(DOUBLE YELLOW)

STH 96

599 600 601 602 603 604 605 606

"CENTER LANE
LEFT TURN ONLY"
SIGN
COVERED FROM
PREVIOUS STAGE

25'
TYP

"CENTER LANE
LEFT TURN ONLY"
SIGN
COVERED FROM
PREVIOUS STAGE

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

STOP
R1-1
30"X30"

0 'GRA'

1 'GRA'

15'
TYP

COVER
STOP
SIGN

R11-2L
48"X30"
LANE
CLOSED
TYPE III BARRICADE

N GRANDVIEW ROAD

ROAD
WORK
AHEAD
W20-1A

LEGEND

- TYPE III BARRICADE WITH SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM W/LIGHT
- TRAFFIC CONTROL 42-INCH CONE
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- TEMPORARY PEDESTRIAN BARRIER
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- WORK AREA
- TRAFFIC CONTROL 16-INCH FLAGS
- REMOVE EXISTING PAVEMENT MARKING LINE

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL DETAILS - STAGE 3	SHEET 97	E

2

"END DIVIDED ROADWAY" SIGN COVERED FROM PREVIOUS STAGE

TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (DOUBLE YELLOW)

"BIKE LANE" SIGN COVERED FROM PREVIOUS STAGE

25' TYP

STH 96

607 608 609 610 611 612 613 614

0 'GRE'

1 'GRE'

15' TYP

25' TYP

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

STOP
R1-1
30"X30"

N GREEN GROVE ROAD

COVER STOP SIGN

R11-2L
48"X30"
LANE CLOSED
TYPE III BARRICADE

ROAD WORK AHEAD
W20-1A

LEGEND

- TYPE III BARRICADE WITH SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM W/LIGHT
- TRAFFIC CONTROL 42-INCH CONE
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- TEMPORARY PEDESTRIAN BARRIER
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- WORK AREA
- TRAFFIC CONTROL 16-INCH FLAGS
- REMOVE EXISTING PAVEMENT MARKING LINE

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL DETAILS - STAGE 3	SHEET 98	E

2

2

N

TEMPORARY
MARKING LINE
REMOVABLE TAPE
6-INCH
(DOUBLE YELLOW)

"CENTER LANE
LEFT TURN ONLY"
SIGN
COVERED FROM
PREVIOUS STAGE

PLACE 4 DRUMS
APPROXIMATELY EVERY 1000'
ACROSS CLOSED LANE

25'
TYP

STH 96

615 616 617 618 619 620 621

"BIKE LANE"
SIGN
COVERED FROM
PREVIOUS STAGE

25'
TYP

"CENTER LANE
LEFT TURN ONLY"
SIGN
COVERED FROM
PREVIOUS STAGE

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

STOP
R1-1
30"X30"

WOODLAWN ROAD

COVER
STOP
SIGN

15'
TYP

R11-2L
48"X30"
LANE
CLOSED
TYPE III BARRICADE

LEGEND

- TYPE III BARRICADE WITH SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM W/LIGHT
- TRAFFIC CONTROL 42-INCH CONE
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- TEMPORARY PEDESTRIAN BARRIER
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- WORK AREA
- TRAFFIC CONTROL 16-INCH FLAGS
- REMOVE EXISTING PAVEMENT MARKING LINE

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL DETAILS - STAGE 3	SHEET 99	E

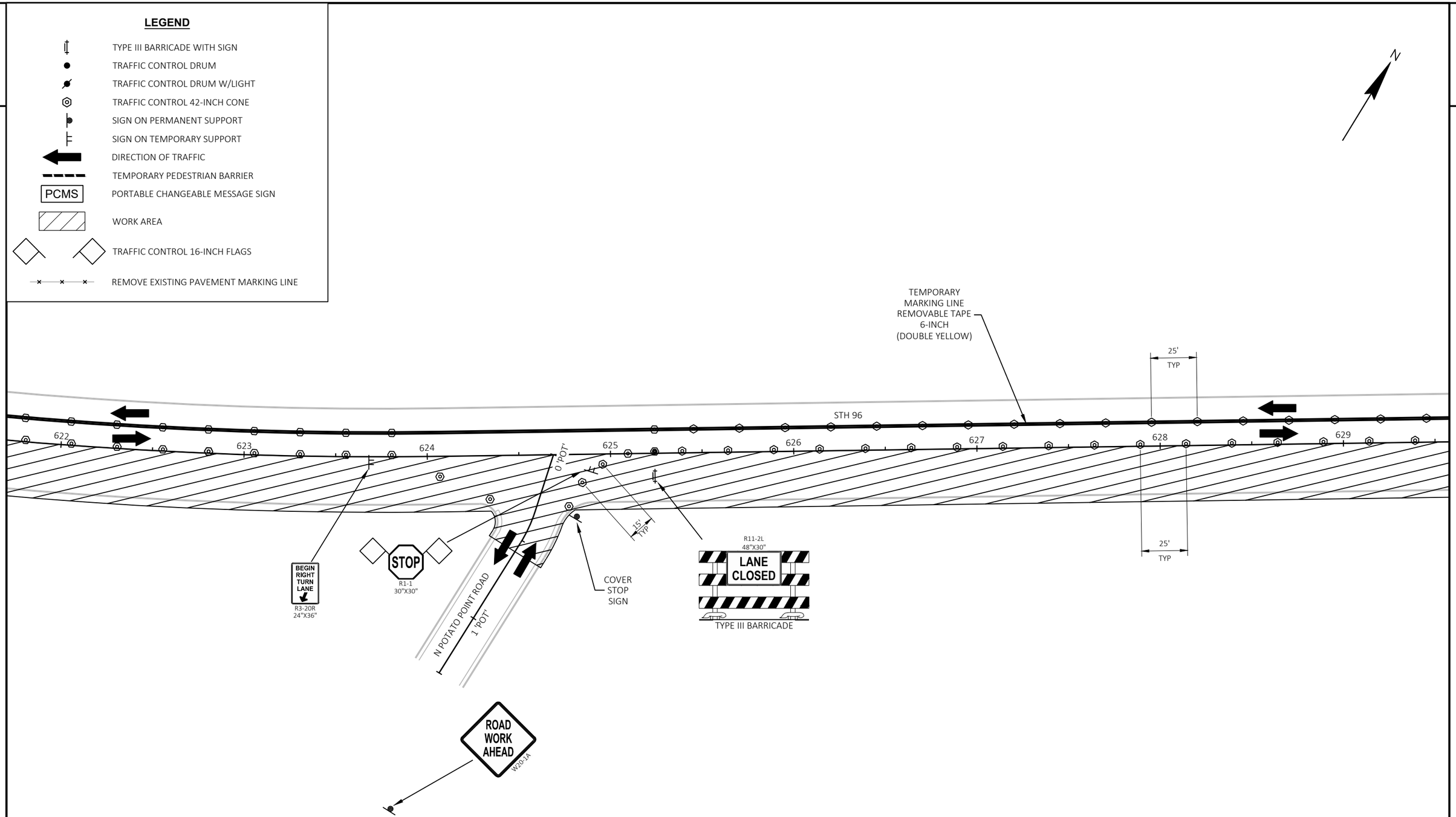
FILE NAME : N:\PDS\C3D\46200200\SHEETS\025100-TC.DWG
LAYOUT NAME - 025147tc

PLOT DATE : 7/14/2026 3:05 PM PLOT BY : CRUSE, DEXTER A PLOT NAME : PLOT SCALE : 1 IN:50 FT

2

LEGEND

- TYPE III BARRICADE WITH SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM W/LIGHT
- TRAFFIC CONTROL 42-INCH CONE
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- TEMPORARY PEDESTRIAN BARRIER
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- WORK AREA
- TRAFFIC CONTROL 16-INCH FLAGS
- REMOVE EXISTING PAVEMENT MARKING LINE

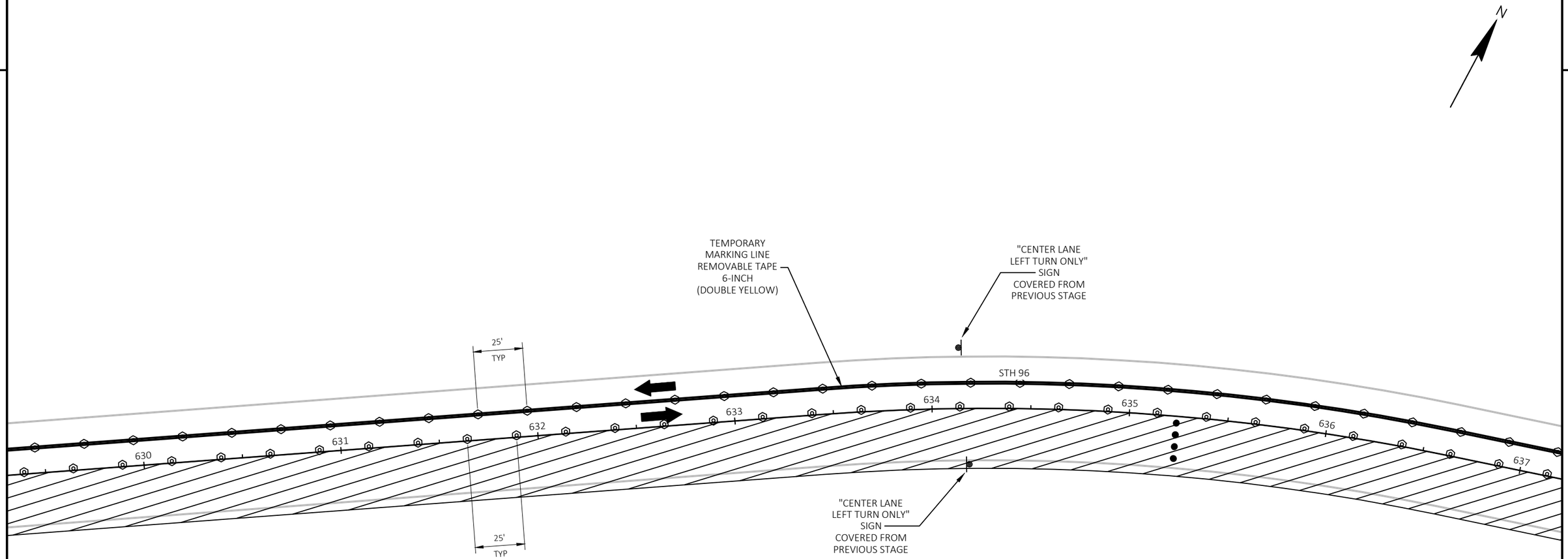


PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL DETAILS - STAGE 3	SHEET 100	E

FILE NAME : N:\PDS\C3D\46200200\SHEETS\025100-TC.DWG
LAYOUT NAME - 025148tc

PLOT DATE : 7/14/2026 3:06 PM PLOT BY : CRUSE, DEXTER A PLOT NAME : PLOT SCALE : 1 IN:50 FT

2



LEGEND

- TYPE III BARRICADE WITH SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM W/LIGHT
- TRAFFIC CONTROL 42-INCH CONE
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- TEMPORARY PEDESTRIAN BARRIER
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- WORK AREA
- TRAFFIC CONTROL 16-INCH FLAGS
- REMOVE EXISTING PAVEMENT MARKING LINE

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL DETAILS - STAGE 3	SHEET 101	E

2

2

N

"BIKE LANE"
SIGN
COVERED FROM
PREVIOUS STAGE

25'
TYP

TEMPORARY
MARKING LINE
REMOVABLE TAPE
6-INCH
(DOUBLE YELLOW)

STH 96

637 638 639 640 641 642 643 644

"BIKE LANE"
SIGN
COVERED FROM
PREVIOUS STAGE

25'
TYP

LEGEND

- TYPE III BARRICADE WITH SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM W/LIGHT
- TRAFFIC CONTROL 42-INCH CONE
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- TEMPORARY PEDESTRIAN BARRIER
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- WORK AREA
- TRAFFIC CONTROL 16-INCH FLAGS
- REMOVE EXISTING PAVEMENT MARKING LINE

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL DETAILS - STAGE 3	SHEET 102	E

FILE NAME : N:\PDS\C3D\46200200\SHEETS\025100-TC.DWG
LAYOUT NAME - 025150tc
PLOT DATE : 7/14/2026 3:06 PM
PLOT BY : CRUSE, DEXTER A
PLOT NAME :
PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 42

2

2

N

"BIKE LANE"
SIGN
COVERED FROM
PREVIOUS STAGE

25'
TYP

TEMPORARY
MARKING LINE
REMOVABLE TAPE
6-INCH
(DOUBLE YELLOW)

STH 96

645 646 647 648 649 650 651 652

25'
TYP

"BIKE LANE"
SIGN
COVERED FROM
PREVIOUS STAGE

LEGEND

- TYPE III BARRICADE WITH SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM W/LIGHT
- TRAFFIC CONTROL 42-INCH CONE
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- TEMPORARY PEDESTRIAN BARRIER
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- WORK AREA
- TRAFFIC CONTROL 16-INCH FLAGS
- REMOVE EXISTING PAVEMENT MARKING LINE

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL DETAILS - STAGE 3	SHEET 103	E

FILE NAME : N:\PDS\C3D\46200200\SHEETS\025100-TC.DWG
LAYOUT NAME - 025151tc

PLOT DATE : 7/14/2026 3:06 PM PLOT BY : CRUSE, DEXTER A PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 42

2

2

N

ROAD WORK AHEAD W20-1A

"CENTER LANE LEFT TURN ONLY" SIGN COVERED FROM PREVIOUS STAGE

N FRENCH ROAD

1 'FRE'

25' TYP

TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (DOUBLE YELLOW)

STH 96

653 654 655 656 657 658 659 660

0 'FRE' 0 'RAI' 0 'FPW'

"CENTER LANE LEFT TURN ONLY" SIGN COVERED FROM PREVIOUS STAGE

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

STOP R1-1 30"X30"

15' TYP

25' TYP

R11-2L 48"X30"

LANE CLOSED

TYPE III BARRICADE

COVER STOP SIGN

1 'RAI'

RAINBOW LANE

ROAD WORK AHEAD W20-1A

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

STOP R1-1 30"X30"

E FOX POINT DRIVE

1 'FPW'

COVER STOP SIGN

15' TYP

R11-2L 48"X30"

LANE CLOSED

TYPE III BARRICADE

ROAD WORK AHEAD W20-1A

LEGEND

- TYPE III BARRICADE WITH SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM W/LIGHT
- TRAFFIC CONTROL 42-INCH CONE
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- TEMPORARY PEDESTRIAN BARRIER
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- WORK AREA
- TRAFFIC CONTROL 16-INCH FLAGS
- REMOVE EXISTING PAVEMENT MARKING LINE

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL DETAILS - STAGE 3	SHEET 104	E

FILE NAME : N:\PDS\C3D\46200200\SHEETS\025100-TC.DWG
LAYOUT NAME - 025152tc

PLOT DATE : 7/14/2026 3:06 PM PLOT BY : CRUSE, DEXTER A PLOT NAME : PLOT SCALE : 1 IN:50 FT

2

2

N

TEMPORARY
MARKING LINE
REMOVABLE TAPE
6-INCH
(DOUBLE YELLOW)

25'
TYP

STH 96

660 661 662 663 664 665 666 667

25'
TYP

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

STOP
R1-1
30"X30"

E FOX POINT DRIVE

1 'FPE'

0 'FPE'

11

15'
TYP

COVER
STOP
SIGN

R11-2L
48"X30"
LANE
CLOSED
TYPE III BARRICADE

ROAD
WORK
AHEAD
W20-1A

LEGEND

- TYPE III BARRICADE WITH SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM W/LIGHT
- TRAFFIC CONTROL 42-INCH CONE
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- TEMPORARY PEDESTRIAN BARRIER
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- WORK AREA
- TRAFFIC CONTROL 16-INCH FLAGS
- REMOVE EXISTING PAVEMENT MARKING LINE

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL DETAILS - STAGE 3	SHEET 105	E

2

2

N

TEMPORARY
MARKING LINE
REMOVABLE TAPE
6-INCH
(DOUBLE YELLOW)

25'
TYP

668
669
670
671
672
673
674
675

STH 96

"BIKE LANE"
SIGN
COVERED FROM
PREVIOUS STAGE

25'
TYP

LEGEND

- TYPE III BARRICADE WITH SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM W/LIGHT
- TRAFFIC CONTROL 42-INCH CONE
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- TEMPORARY PEDESTRIAN BARRIER
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- WORK AREA
- TRAFFIC CONTROL 16-INCH FLAGS
- REMOVE EXISTING PAVEMENT MARKING LINE

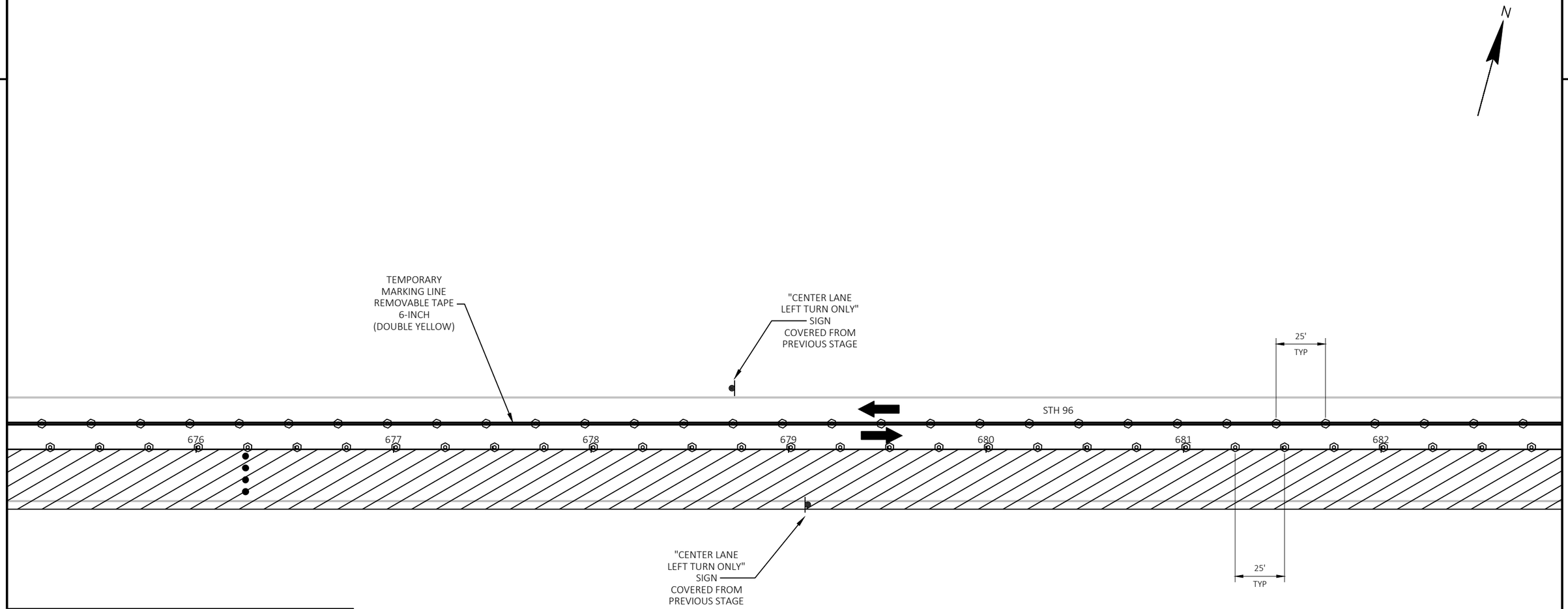
PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL DETAILS - STAGE 3	SHEET 106	E

FILE NAME : N:\PDS\C3D\46200200\SHEETS\025100-TC.DWG
LAYOUT NAME - 025154tc

PLOT DATE : 7/14/2026 3:06 PM PLOT BY : CRUSE, DEXTER A PLOT NAME : PLOT SCALE : 1 IN:50 FT

2

2



LEGEND

- TYPE III BARRICADE WITH SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM W/LIGHT
- TRAFFIC CONTROL 42-INCH CONE
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- TEMPORARY PEDESTRIAN BARRIER
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- WORK AREA
- TRAFFIC CONTROL 16-INCH FLAGS
- REMOVE EXISTING PAVEMENT MARKING LINE

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL DETAILS - STAGE 3	SHEET 107	E

FILE NAME : N:\PDS\C3D\46200200\SHEETS\025100-TC.DWG
LAYOUT NAME - 025155tc

PLOT DATE : 7/14/2026 3:06 PM PLOT BY : CRUSE, DEXTER A PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 42

2

2

N

TEMPORARY
MARKING LINE
REMOVABLE TAPE
6-INCH
(DOUBLE YELLOW)

25'
TYP

TEMPORARY MARKING LINE
REMOVABLE TAPE 6-INCH
(WHITE)

STH 96

683 684 685 686 687 688 689 690

25'
TYP

LEGEND

- TYPE III BARRICADE WITH SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM W/LIGHT
- TRAFFIC CONTROL 42-INCH CONE
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- TEMPORARY PEDESTRIAN BARRIER
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- WORK AREA
- TRAFFIC CONTROL 16-INCH FLAGS
- REMOVE EXISTING PAVEMENT MARKING LINE

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL DETAILS - STAGE 3	SHEET 108	E

FILE NAME : N:\PDS\C3D\46200200\SHEETS\025100-TC.DWG
LAYOUT NAME - 025156tc

PLOT DATE : 7/14/2026 3:06 PM PLOT BY : CRUSE, DEXTER A PLOT NAME : PLOT SCALE : 1 IN:50 FT

2

2

N

MAY USE FULL LANE
R4-11
30"X30"

TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (DOUBLE YELLOW)

"BIKE LANE" SIGN COVERED FROM PREVIOUS STAGE

25' TYP

TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)

"CENTER LANE LEFT TURN ONLY" SIGN COVERED FROM PREVIOUS STAGE

STH 96

691 692 693 694 695 696 697 698

"BIKE LANE" SIGN COVERED FROM PREVIOUS STAGE

25' TYP

"CENTER LANE LEFT TURN ONLY" SIGN COVERED FROM PREVIOUS STAGE

LEGEND

- TYPE III BARRICADE WITH SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM W/LIGHT
- TRAFFIC CONTROL 42-INCH CONE
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- TEMPORARY PEDESTRIAN BARRIER
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- WORK AREA
- TRAFFIC CONTROL 16-INCH FLAGS
- REMOVE EXISTING PAVEMENT MARKING LINE

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL DETAILS - STAGE 3	SHEET 109	E

FILE NAME : N:\PDS\C3D\46200200\SHEETS\025100-TC.DWG
LAYOUT NAME - 025157tc

PLOT DATE : 7/14/2026 3:06 PM PLOT BY : CRUSE, DEXTER A PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 42

2

2

N

TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)

"BIKE LANE" SIGN COVERED FROM PREVIOUS STAGE

TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (DOUBLE YELLOW)

25' TYP

STH 96

698 699 700 701 702 703 704 705

25' TYP

"BIKE LANE" SIGN COVERED FROM PREVIOUS STAGE

LEGEND

- TYPE III BARRICADE WITH SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM W/LIGHT
- TRAFFIC CONTROL 42-INCH CONE
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- TEMPORARY PEDESTRIAN BARRIER
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- WORK AREA
- TRAFFIC CONTROL 16-INCH FLAGS
- REMOVE EXISTING PAVEMENT MARKING LINE

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL DETAILS - STAGE 3	SHEET 110	E

FILE NAME : N:\PDS\C3D\46200200\SHEETS\025100-TC.DWG
LAYOUT NAME - 025158tc

PLOT DATE : 7/14/2026 3:06 PM PLOT BY : CRUSE, DEXTER A PLOT NAME : PLOT SCALE : 1 IN:50 FT

2

2

N

"BIKE LANE" SIGN COVERED FROM PREVIOUS STAGE

25' TYP

TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (DOUBLE YELLOW)

TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)

STH 96

706 707 708 709 710 711 712 713

"BIKE LANE" SIGN COVERED FROM PREVIOUS STAGE

25' TYP

LEGEND

- TYPE III BARRICADE WITH SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM W/LIGHT
- TRAFFIC CONTROL 42-INCH CONE
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- TEMPORARY PEDESTRIAN BARRIER
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- WORK AREA
- TRAFFIC CONTROL 16-INCH FLAGS
- REMOVE EXISTING PAVEMENT MARKING LINE

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL DETAILS - STAGE 3	SHEET 111	E

FILE NAME : N:\PDS\C3D\46200200\SHEETS\025100-TC.DWG
LAYOUT NAME - 025159tc

PLOT DATE : 7/14/2026 3:06 PM PLOT BY : CRUSE, DEXTER A PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 42

2

2

N

TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)

TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (DOUBLE YELLOW)

25' TYP

STH 96

714 715 716 717 718 719 720

"CENTER LANE LEFT TURN ONLY" SIGN COVERED FROM PREVIOUS STAGE

25' TYP

LEGEND

- TYPE III BARRICADE WITH SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM W/LIGHT
- TRAFFIC CONTROL 42-INCH CONE
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- TEMPORARY PEDESTRIAN BARRIER
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- WORK AREA
- TRAFFIC CONTROL 16-INCH FLAGS
- REMOVE EXISTING PAVEMENT MARKING LINE

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL DETAILS - STAGE 3	SHEET 112	E

FILE NAME : N:\PDS\C3D\46200200\SHEETS\025100-TC.DWG
LAYOUT NAME - 025160tc

PLOT DATE : 7/14/2026 3:06 PM PLOT BY : CRUSE, DEXTER A PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 42

2

2

ROAD WORK AHEAD
W20-1A

2' WAS

WASHINGTON STREET

1' WAS

TEMPORARY MARKING LINE
REMOVABLE TAPE 6-INCH
(WHITE)

"BIKE LANE"
SIGN
COVERED FROM
PREVIOUS STAGE

25'
TYP

"CENTER LANE
LEFT TURN ONLY"
SIGN
COVERED FROM
PREVIOUS STAGE

TEMPORARY
MARKING LINE
REMOVABLE TAPE
6-INCH
(DOUBLE YELLOW)

STH 96

0' WAS

721 722 723 724 725 726 727 728

25'
TYP

"END DIVIDED
ROADWAY"
AND
"WRONG WAY"
SIGNS
COVERED FROM
PREVIOUS STAGE

"BIKE LANE ENDS"
AND
"DO NOT ENTER"
SIGNS
COVERED FROM
PREVIOUS STAGE

W01-4R

N

LEGEND

- TYPE III BARRICADE WITH SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM W/LIGHT
- TRAFFIC CONTROL 42-INCH CONE
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- TEMPORARY PEDESTRIAN BARRIER
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- WORK AREA
- TRAFFIC CONTROL 16-INCH FLAGS
- REMOVE EXISTING PAVEMENT MARKING LINE

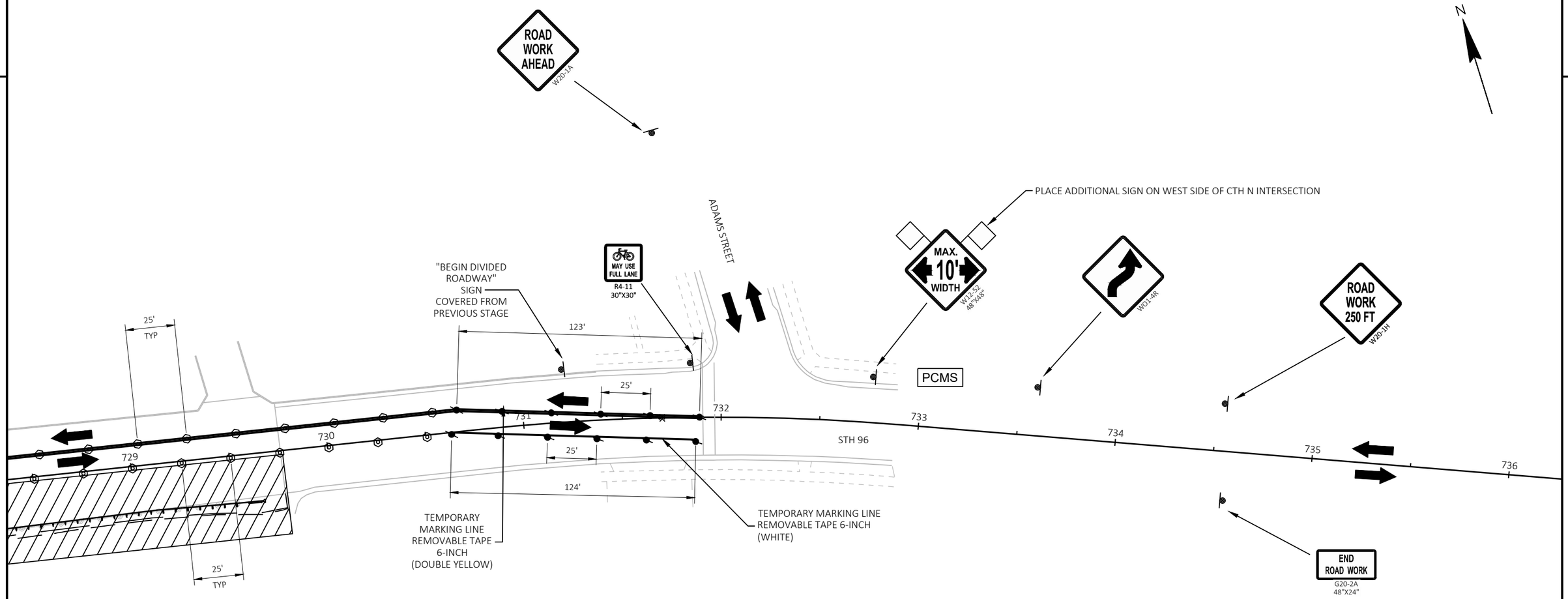
PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL DETAILS - STAGE 3	SHEET 113	E

FILE NAME : N:\PDS\C3D\46200200\SHEETS\025100-TC.DWG
LAYOUT NAME - 025161tc

PLOT DATE : 7/14/2026 3:07 PM PLOT BY : CRUSE, DEXTER A PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 42

2



LEGEND

- TYPE III BARRICADE WITH SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM W/LIGHT
- TRAFFIC CONTROL 42-INCH CONE
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- TEMPORARY PEDESTRIAN BARRIER
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- WORK AREA
- TRAFFIC CONTROL 16-INCH FLAGS
- REMOVE EXISTING PAVEMENT MARKING LINE

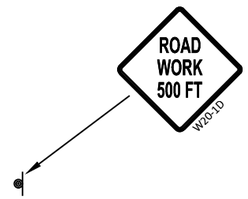
PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL DETAILS - STAGE 3	SHEET 114	E

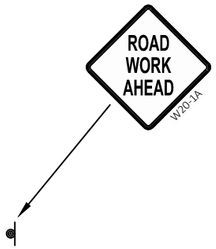
FILE NAME : N:\PDS\C3D\46200200\SHEETS\025100-TC.DWG
LAYOUT NAME - 025162tc
PLOT DATE : 7/14/2026 3:07 PM
PLOT BY : CRUSE, DEXTER A
PLOT NAME :
PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 42

2

2

N





736 737 738 739 740 741 742 742

STH 96

LEGEND

- TYPE III BARRICADE WITH SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM W/LIGHT
- TRAFFIC CONTROL 42-INCH CONE
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- TEMPORARY PEDESTRIAN BARRIER
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- WORK AREA
- TRAFFIC CONTROL 16-INCH FLAGS
- REMOVE EXISTING PAVEMENT MARKING LINE

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	TRAFFIC CONTROL DETAILS - STAGE 3	SHEET 115	E

FILE NAME : N:\PDS\C3D\46200200\SHEETS\025100-TC.DWG
LAYOUT NAME - 025163tc

PLOT DATE : 7/14/2026 3:07 PM PLOT BY : CRUSE, DEXTER A PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 42

Estimate Of Quantities

4620-02-71

Line	Item	Item Description	Unit	Total	Qty
0002	201.0105	Clearing	STA	5.000	5.000
0004	201.0120	Clearing	ID	36.000	36.000
0006	201.0205	Grubbing	STA	5.000	5.000
0008	201.0220	Grubbing	ID	36.000	36.000
0010	204.0100	Removing Concrete Pavement	SY	10.000	10.000
0012	204.0115	Removing Asphaltic Surface Butt Joints	SY	160.000	160.000
0014	204.0120	Removing Asphaltic Surface Milling	SY	81,580.000	81,580.000
0016	204.0150	Removing Curb & Gutter	LF	240.000	240.000
0018	204.0155	Removing Concrete Sidewalk	SY	52.000	52.000
0020	204.0165	Removing Guardrail	LF	1,620.000	1,620.000
0022	204.0190	Removing Surface Drains	EACH	1.000	1.000
0024	205.0100	Excavation Common	CY	4.000	4.000
0026	208.0100	Borrow	CY	139.000	139.000
0028	211.0101	Prepare Foundation for Asphaltic Paving (project) 01. 4620-02-71	EACH	1.000	1.000
0030	213.0100	Finishing Roadway (project) 01. 4620-02-71	EACH	1.000	1.000
0032	305.0110	Base Aggregate Dense 3/4-Inch	TON	91.000	91.000
0034	320.0155	Concrete Base 9-Inch	SY	10.000	10.000
0036	390.0100	Removing Pavement for Base Patching	CY	515.000	515.000
0038	390.0305	Base Patching Concrete HES	CY	515.000	515.000
0040	416.0610	Drilled Tie Bars	EACH	331.000	331.000
0042	416.0620	Drilled Dowel Bars	EACH	2,699.000	2,699.000
0044	450.4000	HMA Cold Weather Paving	TON	1,200.000	1,200.000
0046	455.0605	Tack Coat	GAL	9,736.000	9,736.000
0048	460.0105.S	HMA Percent Within Limits (PWL) Test Strip Volumetrics	EACH	1.000	1.000
0050	460.0110.S	HMA Percent Within Limits (PWL) Test Strip Density	EACH	1.000	1.000
0052	460.2005	Incentive Density PWL HMA Pavement	DOL	7,640.000	7,640.000
0054	460.2007	Incentive Density HMA Pavement Longitudinal Joints	DOL	7,970.000	7,970.000
0056	460.2010	Incentive Air Voids HMA Pavement	DOL	12,180.000	12,180.000
0058	460.5224	HMA Pavement 4 LT 58-28 S	TON	12,180.000	12,180.000
0060	465.0120	Asphaltic Surface Driveways and Field Entrances	TON	92.000	92.000
0062	601.0409	Concrete Curb & Gutter 30-Inch Type A	LF	60.000	60.000
0064	601.0411	Concrete Curb & Gutter 30-Inch Type D	LF	180.000	180.000
0066	602.0405	Concrete Sidewalk 4-Inch	SF	370.000	370.000
0068	602.0505	Curb Ramp Detectable Warning Field Yellow	SF	40.000	40.000
0070	602.3010	Concrete Surface Drains	CY	1.000	1.000
0072	606.0200	Riprap Medium	CY	5.000	5.000
0074	611.8110	Adjusting Manhole Covers	EACH	5.000	5.000
0076	611.8115	Adjusting Inlet Covers	EACH	5.000	5.000
0078	614.0305	Steel Plate Beam Guard Class A	LF	550.000	550.000
0080	614.0345	Steel Plate Beam Guard Short Radius	LF	125.000	125.000
0082	614.0370	Steel Plate Beam Guard Energy Absorbing Terminal	EACH	3.000	3.000
0084	614.2300	MGS Guardrail 3	LF	523.000	523.000
0086	614.2350	MGS Guardrail Short Radius	LF	39.000	39.000
0088	614.2610	MGS Guardrail Terminal EAT	EACH	5.000	5.000
0090	614.2630	MGS Guardrail Short Radius Terminal	EACH	1.000	1.000
0092	618.0100	Maintenance and Repair of Haul Roads (project) 01. 4620-02-71	EACH	1.000	1.000
0094	619.1000	Mobilization	EACH	1.000	1.000
0096	624.0100	Water	MGAL	2.200	2.200
0098	625.0100	Topsoil	SY	77.000	77.000

Estimate Of Quantities

4620-02-71

Line	Item	Item Description	Unit	Total	Qty
0100	625.0500	Salvaged Topsoil	SY	890.000	890.000
0102	628.1504	Silt Fence	LF	2,150.000	2,150.000
0104	628.1520	Silt Fence Maintenance	LF	210.000	210.000
0106	628.1905	Mobilizations Erosion Control	EACH	9.000	9.000
0108	628.1910	Mobilizations Emergency Erosion Control	EACH	4.000	4.000
0110	628.2006	Erosion Mat Urban Class I Type A	SY	77.000	77.000
0112	628.2008	Erosion Mat Urban Class I Type B	SY	890.000	890.000
0114	628.7015	Inlet Protection Type C	EACH	57.000	57.000
0116	628.7504	Temporary Ditch Checks	LF	140.000	140.000
0118	628.7555	Culvert Pipe Checks	EACH	4.000	4.000
0120	629.0210	Fertilizer Type B	CWT	2.000	2.000
0122	630.0140	Seeding Mixture No. 40	LB	43.000	43.000
0124	630.0500	Seed Water	MGAL	23.000	23.000
0126	638.2102	Moving Signs Type II	EACH	10.000	10.000
0128	642.5201	Field Office Type C	EACH	1.000	1.000
0130	643.0300	Traffic Control Drums	DAY	4,580.000	4,580.000
0132	643.0420	Traffic Control Barricades Type III	DAY	590.000	590.000
0134	643.0705	Traffic Control Warning Lights Type A	DAY	480.000	480.000
0136	643.0715	Traffic Control Warning Lights Type C	DAY	1,492.000	1,492.000
0138	643.0900	Traffic Control Signs	DAY	3,828.000	3,828.000
0140	643.0920	Traffic Control Covering Signs Type II	EACH	48.000	48.000
0142	643.1050	Traffic Control Signs PCMS	DAY	42.000	42.000
0144	643.1070	Traffic Control Cones 42-Inch	DAY	70,296.000	70,296.000
0146	643.3165	Temporary Marking Line Paint 6-Inch	LF	30,157.000	30,157.000
0148	643.3180	Temporary Marking Line Removable Tape 6-Inch	LF	34,965.000	34,965.000
0150	643.5000	Traffic Control	EACH	1.000	1.000
0152	644.1810	Temporary Pedestrian Barricade	LF	45.000	45.000
0154	645.0120	Geotextile Type HR	SY	10.000	10.000
0156	646.2020	Marking Line Epoxy 6-Inch	LF	238.000	238.000
0158	646.2040	Marking Line Grooved Wet Ref Epoxy 6-Inch	LF	61,572.000	61,572.000
0160	646.4040	Marking Line Grooved Wet Ref Epoxy 10-Inch	LF	545.000	545.000
0162	646.5020	Marking Arrow Epoxy	EACH	177.000	177.000
0164	646.5120	Marking Word Epoxy	EACH	9.000	9.000
0166	646.5220	Marking Symbol Epoxy	EACH	105.000	105.000
0168	646.6120	Marking Stop Line Epoxy 18-Inch	LF	61.000	61.000
0170	646.6466	Cold Weather Marking Epoxy 6-Inch	LF	6,000.000	6,000.000
0172	646.6470	Cold Weather Marking Epoxy 10-Inch	LF	50.000	50.000
0174	646.7120	Marking Diagonal Epoxy 12-Inch	LF	159.000	159.000
0176	646.9002	Marking Removal Line 6-Inch	LF	29,632.000	29,632.000
0178	646.9102	Marking Removal Line 10-Inch	LF	320.000	320.000
0180	646.9200	Marking Removal Line Wide	LF	524.000	524.000
0182	646.9300	Marking Removal Special Marking	EACH	116.000	116.000
0184	650.5500	Construction Staking Curb Gutter and Curb & Gutter	LF	240.000	240.000
0186	650.8000	Construction Staking Resurfacing Reference	LF	13,291.000	13,291.000
0188	650.9000	Construction Staking Curb Ramps	EACH	4.000	4.000
0190	650.9500	Construction Staking Sidewalk (project) 01. 4620-02-71	EACH	1.000	1.000
0192	650.9911	Construction Staking Supplemental Control (project) 01. 4620-02-71	EACH	1.000	1.000
0194	690.0250	Sawing Concrete	LF	6,722.000	6,722.000
0196	740.0440	Incentive IRI Ride	DOL	29,904.000	29,904.000

Estimate Of Quantities

4620-02-71

Line	Item	Item Description	Unit	Total	Qty
0198	ASP.1T0A	On-the-Job Training Apprentice at $5.00/HR	HRS	600.000	600.000
0200	ASP.1T0G	On-the-Job Training Graduate at $5.00/HR	HRS	1,200.000	1,200.000
0202	SPV.0060	Special 01. Type A Inlet Grate	EACH	15.000	15.000
0204	SPV.0060	Special 02. Type H Inlet Grate	EACH	1.000	1.000

REMOVALS

CATEGORY	STATION	TO	STATION	LOCATION	OFFSET	204.0115 REMOVING ASPHALTIC SURFACE BUTT JOINTS SY	204.0120 REMOVING ASPHALTIC SURFACE MILLING SY	* 204.0150 REMOVING CURB & GUTTER LF	204.0155 REMOVING CONCRETE SIDEWALK SY	204.0165 REMOVING GUARDRAIL LF	204.0190 REMOVING SURFACE DRAINS EACH	* 690.0250 SAWING CONCRETE LF	REMARKS
0010	596+62	-	596+85	STH 96	RT	-	-	-	17	-	-	5	SW LEONA STREET QUADRANT
0010	596+63	-	597+16	STH 96	LT	-	-	-	35	-	-	5	NW LEONA STREET QUADRANT
0010	596+72	-	597+20	STH 96	LT	-	-	55	-	-	-	67	NW LEONA STREET QUADRANT
0010	596+72	-	596+88	STH 96	RT	-	-	15	-	-	-	21	SW LEONA STREET QUADRANT
0010	596+85	-	596+87	STH 96	LT/RT	12	-	-	-	-	-	-	START OF ASPHALT PAVEMENT
0010	596+87		729+74	STH 96	LT/RT		80,200						STH 96 MAINLINE
0010	597+55	-	597+65	STH 96	LT	-	-	20	-	-	-	29	NE LEONA STREET QUADRANT
0010	691+05	-	961+65	STH 96	LT	5	90	-	-	-	-	-	ASPHALT DRIVEWAY
0010	707+49	-	708+04	STH 96	RT	6	70	-	-	-	-	-	ASPHALT DRIVEWAY
0010	708+07	-	711+26	STH 96	RT	-	-	-	-	350	-	-	
0010	711+48	-	713+80	STH 96	RT	-	-	-	-	250	-	-	
0010	714+25	-	714+96	STH 96	RT	6	40	-	-	-	-	-	ASPHALT DRIVEWAY
0010	716+46	-	716+90	STH 96	LT	6	30	-	-	-	-	-	ASPHALT DRIVEWAY
0010	717+75	-	718+28	STH 96	LT	7	40	-	-	-	-	-	ASPHALT DRIVEWAY
0010	719+19	-	719+53	STH 96	RT	5	30	-	-	-	-	-	ASPHALT DRIVEWAY
0010	720+05	-	722+10	STH 96	LT	-	-	-	-	270	-	-	
0010	720+50	-	722+06	STH 96	RT	-	-	-	-	150	-	-	
0010			721+55	STH 96	LT						1		NW WASHINGTON STREET QUADRANT
0010	721+59		722+11	STH 96	LT			110				119	NW WASHINGTON STREET QUADRANT
0010	722+06	-	722+79	STH 96	RT	5	50	-	-	-	-	-	ASPHALT DRIVEWAY
0010	723+05	-	723+50	STH 96	LT	8	50	-	-	-	-	-	ASPHALT DRIVEWAY
0010	723+37	-	726+48	STH 96	RT	-	-	-	-	320	-	-	
0010	724+12	-	724+82	STH 96	LT	9	70	-	-	-	-	-	ASPHALT DRIVEWAY
0010	726+84	-	729+64	STH 96	RT	-	-	-	-	280	-	-	
0010	729+40	-	729+69	STH 96	LT	7	10	-	-	-	-	-	ASPHALT DRIVEWAY
0010	729+74	-	729+76	STH 96	LT/RT	11	-	-	-	-	-	-	END OF ASPHALT PAVEMENT
0010	0'IFO'+29	-	0'IFO'+34	IFONA STREET	LT/RT	-	40	-	-	-	-	-	IFONA STREET INTERSECTION
0010	0'IFO'+34	-	0'IFO'+36	IFONA STREET	LT/RT	8	-	-	-	-	-	-	
0010	0'GRA'+28	-	0'GRA'+65	GRANDVIEW ROAD	LT/RT	-	160	-	-	-	-	-	GRANDVIEW ROAD INTERSECTION
0010	0'GRA'+65		0'GRA'+67	GRANDVIEW ROAD	LT/RT	7							
0010	0'GRE'+26		0'GRE'+66	GREEN GROVE ROAD	LT/RT		170						GREEN GROVE ROAD INTERSECTION
0010	0'GRE'+66	-	0'GRE'+68	GREEN GROVE ROAD	LT/RT	7	-	-	-	-	-	-	
0010	0'POT'+27	-	0'POT'+54	POTATO POINT ROAD	LT/RT	-	90	-	-	-	-	-	POTATO POINT ROAD INTERSECTION
0010	0'POT'+54	-	0'POT'+56	POTATO POINT ROAD	LT/RT	6	-	-	-	-	-	-	
0010	0'FRE'+26	-	0'FRE'+33	FRENCH ROAD	LT/RT	-	30	-	-	-	-	-	FRENCH ROAD INTERSECTION
0010	0'FRE'+33	-	0'FRE'+35	FRENCH ROAD	LT/RT	7	-	-	-	-	-	-	
0010	0'RAI'+26	-	0'RAI'+31	RAINBOW LANE	LT/RT	-	30	-	-	-	-	-	RAINBOW LANE INTERSECTION
0010	0'RAI'+31	-	0'RAI'+33	RAINBOW LANE	LT/RT	11	-	-	-	-	-	-	
0010	0'FPW'+26	-	0'FPW'+30	W FOX POINT DRIVE	LT/RT	-	20	-	-	-	-	-	W FOX POINT DRIVE INTERSECTION
0010	0'FPW'+30	-	0'FPW'+32	W FOX POINT DRIVE	LT/RT	10	-	-	-	-	-	-	
0010	0'FPE'+26	-	0'FPE'+30	E FOX POINT DRIVE	LT/RT	-	30	-	-	-	-	-	E FOX POINT DRIVE INTERSECTION
0010	0'FPE'+30		0'FPE'+32	E FOX POINT DRIVE	LT/RT	10							
0010	0'WAS'+31		0'WAS'+81	WASHINGTON STREET	LT/RT		330						WASHINGTON STREET INTERSECTION
0010	0'WAS'+81	-	0'WAS'+83	WASHINGTON STREET	LT/RT	7	-	-	-	-	-	-	
					TOTAL 0010	160	81,580	200	52	1,620	1	246	

*ADDITIONAL QUANTITY SHOWN ELSEWHERE

3

CLEARING AND GRUBBING

CATEGORY	STATION	TO	STATION	LOCATION	OFFSET	201.0105 CLEARING STA	201.0120 CLEARING ID	201.0205 GRUBBING STA	201.0220 GRUBBING ID	REMARKS
0010	-	-	711+21	STH 96	62' RT	-	36	-	36	
0010	721+00	-	722+00	STH 96	LT	1	-	1	-	
0010	722+00	-	724+00	STH 96	RT	2	-	2	-	
0010	726+00	-	728+00	STH 96	RT	2	-	2	-	
					TOTAL 0010	5	36	5	36	

DIVISION	EROM/TO STATION	205.0100 EXCAVATION COMMON (1) CUT (2)	AVAILABLE MATERIAL (5)	UNEXPANDED EILL	EXPANDED EILL (13) EACTOR 1.15	MASS ORDINATE +/- (14)	WASTE	208.0100 BORROW	COMMENT
DIVISION 1									
STH 96 GUARDRAIL RT	706+95.62/711+06.87	0	0	43	49	-49	0	49	
STH 96 GUARDRAIL RT	711+74.77/715+00.00	0	0	35	40	-40	0	40	
STH 96 GUARDRAIL RT	719+03.24/726+48.14	0	0	30	35	-35	0	35	
STH 96 GUARDRAIL RT	726+50.00/729+76.45	0	0	11	13	-13	0	13	
STH 96 GUARDRAIL LT	718+86.87/722+00.00	4	4	4	5	-2	0	2	
DIVISION 1 SUBTOTAL		4	4	123	142	-139	0	139	
GRAND TOTAL		4	4	123	142	-139	0	139	
	TOTAL COMMON EXC	4							

NOTES:

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

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

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

(13) EXPANDED EILL EACTOR = 1.15

EXPANDED EILL = UNEXPANDED EILL* EILL EACTOR

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

PREPARE FOUNDATION FOR ASPHALTIC PAVING

CATEGORY	STATION	TO	STATION	LOCATION	211.0101 PREPARE FOUNDATION FOR ASPHALTIC PAVING (PROJECT) 01. 4620-02-71 EACH	REMARKS
0010	596+85	-	729+76	STH 96	1	PROJECT LIMITS
				TOTAL 0010	1	

BASE AGGREGATE

CATEGORY	STATION	TO	STATION	LOCATION	OFFSET	305.0110 BASE AGGREGATE DENSE 3/4 INCH TON	624.0100 WATER MGAL	REMARKS
0010	685+10	-	691+23	STH 96	LT	3	0.1	DRESS TOP 1" OF BASE COURSE SHOULDER AS NEEDED
0010	691+45	-	716+57	STH 96	LT	16	0.3	DRESS TOP 1" OF BASE COURSE SHOULDER AS NEEDED
0010	706+10	-	707+65	STH 96	RT	3	0.1	DRESS TOP 1" OF BASE COURSE SHOULDER AS NEEDED
0010	707+92	-	711+27	STH 96	RT	9	0.2	DRESS TOP 1" OF BASE COURSE SHOULDER AS NEEDED
0010	711+27	-	711+49	STH 96	RT	5	0.1	DRESS TOP 1" OF BASE COURSE DRIVEWAY AS NEEDED
0010	711+49	-	714+53	STH 96	RT	10	0.2	DRESS TOP 1" OF BASE COURSE SHOULDER AS NEEDED
0010	714+80	-	719+27	STH 96	RT	3	0.1	DRESS TOP 1" OF BASE COURSE SHOULDER AS NEEDED
0010	716+84	-	717+84	STH 96	LT	1	0.1	DRESS TOP 1" OF BASE COURSE SHOULDER AS NEEDED
0010	718+12	-	721+50	STH 96	LT	8	0.2	DRESS TOP 1" OF BASE COURSE SHOULDER AS NEEDED
0010	719+47	-	722+26	STH 96	RT	8	0.2	DRESS TOP 1" OF BASE COURSE SHOULDER AS NEEDED
0010	722+45	-	729+77	STH 96	RT	22	0.4	DRESS TOP 1" OF BASE COURSE SHOULDER AS NEEDED
0010	723+41	-	724+22	STH 96	LT	1	0.1	DRESS TOP 1" OF BASE COURSE SHOULDER AS NEEDED
0010	724+59	-	727+00	STH 96	RT	2	0.1	DRESS TOP 1" OF BASE COURSE DRIVEWAY AS NEEDED
					TOTAL 0010	91	2.2	

BASE PATCHING

CATEGORY	STATION	TO	STATION	LOCATION	OFFSET	390.0100 REMOVING PAVEMENT FOR BASE PATCHING CY	390.0305 BASE PATCHING CONCRETE HES CY	416.0610 DRILLED TIE BARS EACH	416.0620 DRILLED DOWEL BARS EACH	* 690.0250 SAWING CONCRETE LF	REMARKS
0010	596+92	-	597+07	STH 96	RT	5	5	-	16	24	OUTSIDE LANE
0010	596+92	-	597+07	STH 96	RT	5	5	6	16	24	INSIDE LANE
0010	596+92	-	597+07	STH 96	LT	5	5	-	16	39	INSIDE LANE
0010	596+92	-	597+12	STH 96	LT	7	7	-	16	24	OUTSIDE LANE
0010	598+96	-	599+09	STH 96	RT	4	4	-	16	50	OUTSIDE LANE
0010	599+40	-	599+47	STH 96	RT	2	2	-	16	38	OUTSIDE LANE
0010	599+88	-	600+18	STH 96	RT	10	10	24	16	84	OUTSIDE LANE
0010	601+34	-	601+41	STH 96	RT	2	2	-	16	38	INSIDE LANE
0010	601+75		601+87	STH 96	RT	4	4		16	48	OUTSIDE LANE
0010	602+14	-	602+21	STH 96	RT	2	2	-	16	38	OUTSIDE LANE
0010	604+96	-	605+18	STH 96	RT	7	7	15	16	60	OUTSIDE LANE
0010	605+20	-	605+35	STH 96	RT	8	8	17	16	66	INSIDE LANE
0010	605+71	-	605+77	STH 96	RT	2	2	-	16	36	OUTSIDE LANE
0010	606+12	-	606+19	STH 96	RT	2	2	-	16	32	OUTSIDE LANE
0010	606+13	-	606+20	STH 96	RT	2	2	-	16	32	INSIDE LANE
0010	606+56	-	606+63	STH 96	RT	2	2	-	16	38	OUTSIDE LANE
0010	606+75	-	606+82	STH 96	RT	2	2	-	16	38	INSIDE LANE
0010	607+18	-	607+25	STH 96	RT	2	2	-	16	38	OUTSIDE LANE
0010	608+64	-	608+77	STH 96	RT	3	3	-	16	33	OUTSIDE LANE
0010	608+64	-	608+71	STH 96	RT	2	2	-	16	31	INSIDE LANE
0010	609+28	-	609+39	STH 96	RT	4	4	-	16	46	INSIDE LANE
0010	610+15		610+22	STH 96	RT	2	2		16	38	INSIDE LANE
0010	610+66		610+73	STH 96	RT	2	2		16	38	INSIDE LANE
0010	611+92	-	612+16	STH 96	RT	8	8	20	16	72	OUTSIDE LANE
0010	612+62	-	612+84	STH 96	RT	7	7	14	16	47	INSIDE LANE
0010	612+72	-	612+84	STH 96	LT	4	4	-	16	48	INSIDE LANE
0010	612+75	-	613+24	STH 96	RT	16	16	34	16	107	OUTSIDE LANE
0010	612+97	-	613+03	STH 96	RT	2	2	-	16	33	INSIDE LANE
0010	613+67		613+74	STH 96	RT	2	2		16	38	OUTSIDE LANE
0010	615+33		615+40	STH 96	RT	2	2		16	31	OUTSIDE LANE
0010	615+33	-	615+40	STH 96	RT	2	2	-	16	31	INSIDE LANE
0010	615+74	-	615+81	STH 96	RT	2	2	-	16	38	OUTSIDE LANE
0010	616+75	-	616+82	STH 96	RT	2	2	-	16	31	OUTSIDE LANE
0010	616+75	-	616+82	STH 96	RT	2	2	-	16	31	INSIDE LANE
0010	618+81	-	618+88	STH 96	RT	2	2	-	16	31	OUTSIDE LANE
0010	618+81	-	618+88	STH 96	RT	2	2	-	16	31	INSIDE LANE
0010	619+77	-	619+88	STH 96	RT	4	4	-	16	39	OUTSIDE LANE
0010	619+81	-	619+93	STH 96	RT	4	4	-	16	41	INSIDE LANE
0010	620+19	-	620+26	STH 96	RT	2	2	-	16	31	OUTSIDE LANE
0010	620+19	-	620+33	STH 96	RT	5	5	-	16	45	INSIDE LANE
0010	620+82	-	620+88	STH 96	LT	2	2	-	16	30	INSIDE LANE
0010	620+82		620+88	STH 96	LT	2	2		16	30	OUTSIDE LANE
0010	627+12		627+18	STH 96	RT	2	2		16	36	INSIDE LANE
0010	627+89	-	627+95	STH 96	RT	2	2	-	16	33	INSIDE LANE
0010	627+92	-	628+11	STH 96	RT	6	6	15	16	59	OUTSIDE LANE
0010	628+84	-	628+90	STH 96	RT	2	2	-	16	36	OUTSIDE LANE
0010	631+92	-	631+98	STH 96	RT	2	2	-	16	36	INSIDE LANE
0010	635+59	-	635+65	STH 96	RT	2	2	-	16	36	OUTSIDE LANE
0010	636+93	-	636+99	STH 96	RT	2	2	-	16	36	INSIDE LANE
0010	640+78	-	640+84	STH 96	RT	2	2	-	16	36	OUTSIDE LANE
					SUBTOTAL	178	178	145	800	2,026	

*ADDITIONAL QUANTITY SHOWN ELSEWHERE

3

BASE PATCHING (CONTINUED)

CATEGORY	STATION	TO	STATION	LOCATION	OFFSET	390.0100 REMOVING PAVEMENT FOR BASE PATCHING CY	390.0305 BASE PATCHING CONCRETE HES CY	416.0610 DRILLED TIE BARS EACH	416.0620 DRILLED DOWEL BARS EACH	690.0250 SAWING CONCRETE LF	REMARKS
0010	641+46	-	641+53	STH 96	RT	2	2	-	16	31	INSIDE LANE
0010	643+53	-	643+67	STH 96	RT	5	5	-	16	45	INSIDE LANE
0010	644+25	-	644+44	STH 96	RT	6	6	16	16	62	OUTSIDE LANE
0010	644+61	-	644+68	STH 96	RT	2	2	-	16	38	OUTSIDE LANE
0010	645+13	-	645+19	STH 96	LT	2	2	-	16	36	OUTSIDE LANE
0010	646+44	-	646+52	STH 96	LT	3	3	-	16	40	INSIDE LANE
0010	647+37	-	647+44	STH 96	RT	2	2	-	16	31	OUTSIDE LANE
0010	647+37		647+44	STH 96	RT	2	2		16	31	INSIDE LANE
0010	648+79		649+05	STH 96	LT	9	9	20	16	70	OUTSIDE LANE
0010	648+99	-	649+05	STH 96	LT	2	2	-	16	30	INSIDE LANE
0010	649+60	-	649+67	STH 96	RT	2	2	-	16	31	OUTSIDE LANE
0010	649+60	-	649+67	STH 96	RT	2	2	-	16	31	INSIDE LANE
0010	650+94	-	651+01	STH 96	RT	2	2	-	16	38	INSIDE LANE
0010	652+14	-	652+20	STH 96	LT	2	2	-	16	36	INSIDE LANE
0010	653+26	-	653+32	STH 96	RT	2	2	-	16	36	OUTSIDE LANE
0010	656+71	-	656+77	STH 96	RT	2	2	-	16	30	INSIDE LANE
0010	656+71	-	656+77	STH 96	RT	2	2	-	16	30	OUTSIDE LANE
0010	661+29	-	661+43	STH 96	LT	5	5	-	16	52	INSIDE LANE
0010	662+80	-	662+87	STH 96	LT	2	2	-	16	38	INSIDE LANE
0010	665+25	-	665+34	STH 96	RT	3	3	-	16	33	INSIDE LANE
0010	665+25		665+45	STH 96	RT	7	7	12	16	55	OUTSIDE LANE
0010	666+08		666+14	STH 96	LT	2	2		16	36	INSIDE LANE
0010	668+61	-	668+67	STH 96	LT	2	2	-	16	36	INSIDE LANE
0010	669+30	-	669+37	STH 96	RT	2	2	-	16	31	INSIDE LANE
0010	669+30	-	669+37	STH 96	LT	2	2	-	16	38	INSIDE LANE
0010	671+07	-	671+17	STH 96	RT	3	3	-	16	44	OUTSIDE LANE
0010	671+12	-	671+37	STH 96	LT	8	8	20	16	74	OUTSIDE LANE
0010	671+73	-	672+03	STH 96	RT	10	10	24	16	84	INSIDE LANE
0010	673+11	-	673+18	STH 96	LT	2	2	-	16	38	INSIDE LANE
0010	673+70	-	673+88	STH 96	RT	6	6	12	16	53	INSIDE LANE
0010	673+80	-	673+87	STH 96	RT	2	2	-	16	31	OUTSIDE LANE
0010	676+52	-	676+61	STH 96	RT	3	3	-	16	42	OUTSIDE LANE
0010	684+76	-	684+82	STH 96	LT	2	2	-	16	36	INSIDE LANE
0010	686+34		686+40	STH 96	LT	2	2		16	36	INSIDE LANE
0010	691+78		691+84	STH 96	LT	2	2		16	30	OUTSIDE LANE
0010	693+26	-	693+32	STH 96	RT	2	2	-	16	36	OUTSIDE LANE
0010	693+79	-	693+85	STH 96	RT	2	2	-	16	36	INSIDE LANE
0010	695+77	-	696+14	STH 96	RT	12	12	30	16	95	INSIDE LANE
0010	696+11	-	696+20	STH 96	LT	3	3	-	16	39	INSIDE LANE
0010	696+46	-	696+53	STH 96	RT	2	2	-	16	38	INSIDE LANE
0010	697+67	-	697+82	STH 96	LT	5	5	12	16	54	INSIDE LANE
0010	698+86	-	698+93	STH 96	LT	2	2	-	16	31	OUTSIDE LANE
0010	699+10	-	699+17	STH 96	RT	2	2	-	16	38	OUTSIDE LANE
0010	699+35	-	699+42	STH 96	RT	2	2	-	16	38	OUTSIDE LANE
0010	699+94	-	700+00	STH 96	LT	2	2	-	16	30	OUTSIDE LANE
0010	700+86	-	700+95	STH 96	RT	3	3	-	16	42	INSIDE LANE
0010	702+18	-	702+24	STH 96	RT	2	2	-	16	36	INSIDE LANE
0010	704+45		704+51	STH 96	RT	2	2		16	36	INSIDE LANE
0010	704+78	-	704+84	STH 96	LT	2	2	-	16	30	INSIDE LANE
0010	704+78	-	704+84	STH 96	LT	2	2	-	16	24	OUTSIDE LANE
					SUBTOTAL	159	159	146	800	2,036	

*ADDITIONAL QUANTITY SHOWN ELSEWHERE

3

BASE PATCHING (CONTINUED)

CATEGORY	STATION	TO	STATION	LOCATION	OFFSET	390.0100 REMOVING PAVEMENT FOR BASE PATCHING CY	390.0305 BASE PATCHING CONCRETE HES CY	416.0610 DRILLED TIE BARS EACH	416.0620 DRILLED DOWEL BARS EACH	* 690.0250 SAWING CONCRETE LF	REMARKS
0010	705+20	-	705+37	STH 96	LT	6	6	14	16	58	INSIDE LANE
0010	707+01	-	707+12	STH 96	LT	4	4	-	16	39	INSIDE LANE
0010	707+01	-	707+08	STH 96	LT	2	2	-	16	24	OUTSIDE LANE
0010	707+44	-	707+53	STH 96	RT	3	3	-	16	42	INSIDE LANE
0010	707+95	-	708+08	STH 96	LT	4	4	-	16	50	INSIDE LANE
0010	709+22	-	709+28	STH 96	RT	2	2	-	16	36	INSIDE LANE
0010	709+42	-	709+49	STH 96	RT	2	2	-	16	31	OUTSIDE LANE
0010	709+70	-	709+77	STH 96	RT	2	2	-	16	34	INSIDE LANE
0010	709+73		709+80	STH 96	RT	2	2		16	27	OUTSIDE LANE
0010	710+61	-	710+70	STH 96	RT	3	3	-	16	33	OUTSIDE LANE
0010	711+15	-	711+24	STH 96	RT	3	3	-	16	42	INSIDE LANE
0010	711+38	-	711+45	STH 96	LT	2	2	-	16	38	INSIDE LANE
0010	711+58	-	711+65	STH 96	RT	2	2	-	16	32	INSIDE LANE
0010	711+59	-	711+66	STH 96	RT	2	2	-	16	25	OUTSIDE LANE
0010	711+60	-	711+66	STH 96	LT	2	2	-	16	30	INSIDE LANE
0010	711+60	-	711+66	STH 96	LT	2	2	-	16	24	OUTSIDE LANE
0010	711+88	-	711+95	STH 96	RT	2	2	-	16	31	OUTSIDE LANE
0010	713+09	-	713+19	STH 96	RT	3	3	-	16	34	OUTSIDE LANE
0010	713+65	-	713+72	STH 96	RT	2	2	-	16	27	OUTSIDE LANE
0010	713+68	-	713+75	STH 96	RT	2	2	-	16	34	INSIDE LANE
0010	714+03	-	714+13	STH 96	RT	3	3	-	16	44	INSIDE LANE
0010	714+52		714+61	STH 96	RT	3	3		16	33	OUTSIDE LANE
0010	716+89		716+95	STH 96	RT	2	2		16	30	OUTSIDE LANE
0010	717+66	-	717+79	STH 96	RT	4	4	-	16	37	OUTSIDE LANE
0010	718+20	-	718+33	STH 96	LT	4	4	-	16	50	INSIDE LANE
0010	719+69	-	719+77	STH 96	LT	3	3	-	16	34	INSIDE LANE
0010	719+71	-	719+79	STH 96	LT	3	3	-	16	26	OUTSIDE LANE
0010	720+23	-	720+30	STH 96	RT	2	2	-	16	36	INSIDE LANE
0010	720+28		720+34	STH 96	RT	2	2		16	28	OUTSIDE LANE
0010	721+00		721+07	STH 96	RT	2	2		16	31	OUTSIDE LANE
0010	721+72	-	721+80	STH 96	RT	3	3	-	16	40	INSIDE LANE
0010	721+81	-	721+87	STH 96	RT	2	2	-	16	30	OUTSIDE LANE
0010	722+68	-	722+78	STH 96	LT	3	3	-	16	44	OUTSIDE LANE
0010	722+80	-	722+87	STH 96	LT	2	2	-	16	38	INSIDE LANE
0010	722+84	-	722+91	STH 96	RT	2	2	-	16	24	OUTSIDE LANE
0010	722+84	-	722+91	STH 96	RT	2	2	-	16	28	INSIDE LANE
0010	723+71	-	723+79	STH 96	LT	3	3	-	16	31	OUTSIDE LANE
0010	723+77	-	723+84	STH 96	LT	2	2	-	16	37	INSIDE LANE
0010	724+15	-	724+32	STH 96	RT	6	6	11	16	44	INSIDE LANE
0010	724+24	-	724+31	STH 96	LT	2	2	-	16	38	INSIDE LANE
0010	724+25	-	724+32	STH 96	RT	2	2	-	16	24	OUTSIDE LANE
0010	724+72		724+81	STH 96	LT	3	3		16	33	INSIDE LANE
0010	724+72		724+81	STH 96	LT	3	3		16	24	OUTSIDE LANE
0010	725+22	-	725+29	STH 96	LT	2	2	-	16	31	INSIDE LANE
0010	725+22	-	725+29	STH 96	LT	2	2	-	16	24	OUTSIDE LANE
0010	725+82	-	725+91	STH 96	RT	3	3	-	16	35	INSIDE LANE
0010	725+83	-	725+90	STH 96	RT	2	2	-	16	24	OUTSIDE LANE
0010	726+18	-	726+25	STH 96	RT	2	2	-	16	38	INSIDE LANE
0010	726+86	-	726+92	STH 96	LT	2	2	-	16	36	INSIDE LANE
0010	727+20	-	727+26	STH 96	LT	2	2	-	16	36	INSIDE LANE
					SUBTOTAL	130	130	25	800	1,699	

*ADDITIONAL QUANTITY SHOWN ELSEWHERE

BASE PATCHING (CONTINUED)

CATEGORY	STATION	TO	STATION	LOCATION	OFFSET	390.0100 REMOVING PAVEMENT FOR BASE PATCHING CY	390.0305 BASE PATCHING CONCRETE HES CY	416.0610 DRILLED TIE BARS EACH	416.0620 DRILLED DOWEL BARS EACH	* 690.0250 SAWING CONCRETE LF	REMARKS
0010	727+83	-	727+90	STH 96	RT	2	2	-	16	21	OUTSIDE LANE
0010	727+83	-	727+90	STH 96	RT	2	2	-	16	31	INSIDE LANE
0010	728+19	-	728+25	STH 96	LT	2	2	-	16	36	INSIDE LANE
0010	728+50	-	728+58	STH 96	RT	3	3	-	16	33	INSIDE LANE
0010	728+50	-	728+57	STH 96	LT	2	2	-	16	31	INSIDE LANE
0010	728+50	-	728+57	STH 96	LT	2	2	-	16	28	OUTSIDE LANE
0010	729+02	-	729+08	STH 96	LT	2	2	-	16	36	INSIDE LANE
0010	729+26	-	729+32	STH 96	RT	1	1	-	10	18	OUTSIDE LANE
0010	729+41	-	729+47	STH 96	RT	2	2	-	16	36	INSIDE LANE
0010	729+68	-	729+76	STH 96	RT	3	3	-	16	32	INSIDE LANE
0010	729+68	-	729+76	STH 96	LT	3	3	-	16	32	INSIDE LANE
0010	UNDISTRIBUTED			STH 96		24	24	15	129	305	
					SUBTOTAL	48	48	15	299	639	
					TOTAL 0010	515	515	331	2,699	6,400	

*ADDITIONAL QUANTITY SHOWN ELSEWHERE

HMA PAVEMENT

CATEGORY	STATION	TO	STATION	LOCATION	OFFSET	450.4000 HMA COLD WEATHER PAVING TON	455.0605 TACK COAT GAL	460.0105.S HMA PERCENT WITHIN LIMITS (PWL) TEST STRIP VOLUMETRICS EACH	460.0110.S HMA PERCENT WITHIN LIMITS (PWL) TEST STRIP DENSITY EACH	460.5224 HMA PAVEMENT 4 LT 58-28 S TON	465.0120 ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES TON	REMARKS
0010	596+85	-	729+76	STH 96	-	-	9,620	1	1	12,030	-	STH 96 MAINLINE & SHOULDERS
0010	691+05	-	961+65	STH 96	LT	-	-	-	-	-	15	ASPHALT DRIVEWAY
0010	707+49		708+04	STH 96	RT						11	ASPHALT DRIVEWAY
0010	714+25		714+96	STH 96	RT						7	ASPHALT DRIVEWAY
0010	716+46	-	716+90	STH 96	LT	-	-	-	-	-	6	ASPHALT DRIVEWAY
0010	717+75	-	718+28	STH 96	LT	-	-	-	-	-	7	ASPHALT DRIVEWAY
0010	719+19	-	719+53	STH 96	RT	-	-	-	-	-	5	ASPHALT DRIVEWAY
0010	722+06	-	722+79	STH 96	RT	-	-	-	-	-	9	ASPHALT DRIVEWAY
0010	723+05	-	723+50	STH 96	LT	-	-	-	-	-	18	ASPHALT DRIVEWAY
0010	724+12	-	724+82	STH 96	LT	-	-	-	-	-	12	ASPHALT DRIVEWAY
0010	729+40	-	729+69	STH 96	LT	-	-	-	-	-	2	ASPHALT DRIVEWAY
0010	0'LEO'+27	-	0'LEO'+36	LEONA STREET	-	-	5	-	-	7	-	LEONA STREET INTERSECTION
0010	0'GRA'+28	-	0'GRA'+67	GRANDVIEW ROAD	-	-	20	-	-	26	-	GRANDVIEW ROAD INTERSECTION
0010	0'GRE'+26	-	0'GRE'+68	GREEN GROVE ROAD	-	-	21	-	-	27	-	GREEN GROVE ROAD INTERSECTION
0010	0'POT'+27		0'POT'+56	POTATO POINT ROAD			12			15		POTATO POINT ROAD INTERSECTION
0010	0'FRE'+26	-	0'FRE'+35	FRENCH ROAD	-	-	5	-	-	7	-	FRENCH ROAD INTERSECTION
0010	0'RAI'+26	-	0'RAI'+33	RAINBOW LANE	-	-	5	-	-	7	-	RAINBOW LANE INTERSECTION
0010	0'FPW'-26	-	0'FPW'+32	W FOX POINT DRIVE	-	-	4	-	-	5	-	W FOX POINT DRIVE INTERSECTION
0010	0'FPE'+26	-	0'FPE'+32	E FOX POINT DRIVE	-	-	4	-	-	5	-	E FOX POINT DRIVE INTERSECTION
0010	0'WAS'-30	-	0'WAS'+83	WASHINGTON STREET	-	-	40	-	-	50	-	WASHINGTON STREET INTERSECTION
0010	UNDISTRIBUTED			STH 96	-	1,200	-	-	-	-	-	
				TOTAL 0010		1,200	9,736	1	1	12,180	92	

PWL MIXTURE USE TABLE

DESCRIPTION	STATION	TO	STATION	LOCATION	OFFSET	MIXTURE USE	UNDERLYING SURFACE	BID ITEM	TONS	THICKNESS	QUALITY MANAGEMENT PROGRAM TO USE	
											MIXTURE ACCEPTANCE	DENSITY ACCEPTANCE
12' MAINLINE INSIDE LANES	596+85	-	729+29	STH 96	LT & RT	UPPER LAYER	HMA PAVEMENT 4 LT 58-28 S	HMA PAVEMENT 4 LT 58-28 S	3,827	1.75"	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	INCENTIVE DENSITY PWL HMA PAVEMENT 460.2005
12' MAINLINE OUTSIDE LANES	596+85	-	726+00	STH 96	LT & RT	UPPER LAYER	HMA PAVEMENT 4 LT 58 28 S	HMA PAVEMENT 4 LT 58 28 S	3,719	1.75"		
12' TO 10' WIDE TRANSTION MAINLINE OUTSIDE LANES	726+00	-	727+00	STH 96	LT & RT	UPPER LAYER	HMA PAVEMENT 4 LT 58-28 S	HMA PAVEMENT 4 LT 58-28 S	26	1.75"		
10' MAINLINE OUTSIDE LANES	727+00	-	729+29	STH 96	LT & RT	UPPER LAYER	HMA PAVEMENT 4 LT 58-28 S	HMA PAVEMENT 4 LT 58-28 S	65	1.75"		
12' MAINLINE INSIDE LANES	596+85		729+29	STH 96	LT & RT	LEVELING LAYER	EXISTING CONCRETE PAVEMENT	HMA PAVEMENT 4 LT 58-28 S	1,488	0.75"		DEPARTMENT ACCEPTANCE (SS 460.3.3.2) *NOT ELIGIBLE FOR INCENTIVE
12' MAINLINE OUTSIDE LANES	596+85	-	726+00	STH 96	LT & RT	LEVELING LAYER	EXISTING CONCRETE PAVEMENT	HMA PAVEMENT 4 LT 58-28 S	1,446	0.75"		
12' TO 10' WIDE TRANSTION MAINLINE OUTSIDE LANES	726+00		727+00	STH 96	LT & RT	LEVELING LAYER	EXISTING CONCRETE PAVEMENT	HMA PAVEMENT 4 LT 58-28 S	10	0.75"		
10' MAINLINE OUTSIDE LANES	727+00	-	729+29	STH 96	LT & RT	LEVELING LAYER	EXISTING CONCRETE PAVEMENT	HMA PAVEMENT 4 LT 58 28 S	25	0.75"		
GUTTER PAN	596+85	-	729+29	STH 96	LT & RT	UPPER LAYER	EXISTING CONCRETE PAVEMENT	HMA PAVEMENT 4 LT 58-28 S	661	1.5"		
PAVED SHOULDER	686+10	-	727+00	STH 96	LT	UPPER LAYER	HMA PAVEMENT 4 LT 58-28 S	HMA PAVEMENT 4 LT 58-28 S	356	1.75"		
PAVED SHOULDER	686+10	-	727+00	STH 96	LT	LEVELING LAYER	MILLED EXISTING HMA SURFACE	HMA PAVEMENT 4 LT 58-28 S	138	0.75"		
PAVED SHOULDER	705+00	-	729+29	STH 96	RT	UPPER LAYER	HMA PAVEMENT 4 LT 58-28 S	HMA PAVEMENT 4 LT 58-28 S	175	1.75"		
PAVED SHOULDER	705+00	-	729+29	STH 96	RT	LEVELING LAYER	MILLED EXISTING HMA SURFACE	HMA PAVEMENT 4 LT 58-28 S	68	0.75"		
SIDE ROADS	VARIOUS			VARIOUS	LT & RT	UPPER LAYER	HMA PAVEMENT 4 LT 58 28 S	HMA PAVEMENT 4 LT 58 28 S	127	1.75"		
SIDE ROADS	VARIOUS			VARIOUS	LT & RT	LEVELING LAYER	EXISTING CONCRETE PAVEMENT	HMA PAVEMENT 4 LT 58-28 S	49	0.75"		

CONCRETE CURB & GUTTER

CATEGORY	STATION	TO	STATION	LOCATION	OFFSET	601.0409 CONCRETE CURB & GUTTER 30-INCH TYPE A LF	* 601.0411 CONCRETE CURB & GUTTER 30-INCH TYPE D LF	602.3010 CONCRETE SURFACE DRAINS CY	REMARKS
0010	596+72	-	596+88	STH 96	RT	12	3	-	SW LEONA STREET QUADRANT
0010	596+72	-	597+20	STH 96	LT	10	45	-	NW LEONA STREET QUADRANT
0010	597+55	-	597+65	STH 96	LT	8	12	-	NE LEONA STREET QUADRANT
0010	721+59	-	722+11	STH 96	LT	30	80	1	NW WASHINGTON STREET QUADRANT
					TOTAL 0010	60	140	1	

*ADDITIONAL QUANTITY SHOWN ELSEWHERE

CONCRETE SIDEWALK

CATEGORY	STATION	TO	STATION	LOCATION	OFFSET	602.0405 CONCRETE SIDEWALK 4-INCH SF	602.0505 CURB RAMP DETECTABLE WARNING FIELD YELLOW SF	REMARKS
0010	596+62	-	596+83	STH 96	RT	130	10	SW LEONA STREET QUADRANT
0010	596+63	-	597+17	STH 96	LT	180	20	NW LEONA STREET QUADRANT
0010	597+56	-	597+69	STH 96	LT	60	10	NE LEONA STREET QUADRANT
					TOTAL 0010	370	40	

INLET AND MANHOLE COVER ADJUSTMENTS

CATEGORY	STATION	LOCATION	OFFSET	204.0100 REMOVING CONCRETE PAVEMENT SY	* 204.0150 REMOVING CURB &GUTTER LF	320.0155 CONCRETE BASE 9-INCH SY	* 601.0411 CONCRETE CURB & GUTTER 30-INCH TYPE D LF	611.8110 ADJUSTING MANHOLE COVERS EACH	611.8115 ADJUSTING INLET COVERS EACH	* 690.0250 SAWING CONCRETE LF	SPV.0060.01 TYPE A INLET GRATE EACH	SPV.0060.02 TYPE H INLET GRATE EACH	REMARKS
0010	596+98	STH 96	25.5' RT	2	10	2	10	-	1	19	-	-	
0010	596+98	STH 96	25.5' LT	2	-	2	-	-	1	-	-	-	CURB & GUTTER REMOVAL AND REPLACEMENT AND SAWING CONCRETE QUANTITIES LOCATED ELSEWHERE
0010	596+99	STH 96	18.5' RT	-	-	-	-	1	-	-	-	-	
0010	601+00	STH 96	25.5' RT	2	10	2	10	-	1	19	-	-	
0010	605+00	STH 96	18.5' RT	-	-	-	-	1	-	-	-	-	
0010	612+00	STH 96	25.5' RT	-	-	-	-	-	-	-	1	-	REMOVE TYPE A SPECIAL INLET GRATE AND REPLACE WITH TYPE A INLET GRATE
0010	612+05	STH 96	18.5' RT	-	-	-	-	1	-	-	-	-	
0010	613+08	STH 96	18.5' RT	-	-	-	-	1	-	-	-	-	
0010	617+50	STH 96	25.5' LT	-	-	-	-	-	-	-	1	-	REMOVE TYPE A SPECIAL INLET GRATE AND REPLACE WITH TYPE A INLET GRATE
0010	620+00	STH 96	25.5' RT	2	10	2	10	-	1	19	-	-	
0010	620+00	STH 96	25.5' LT	-	-	-	-	-	-	-	1	-	REMOVE TYPE A SPECIAL INLET GRATE AND REPLACE WITH TYPE A INLET GRATE
0010	624+20	STH 96	25.5' LT	-	-	-	-	-	-	-	1	-	REMOVE TYPE A SPECIAL INLET GRATE AND REPLACE WITH TYPE A INLET GRATE
0010	626+40	STH 96	25.5' LT	-	-	-	-	-	-	-	1	-	REMOVE TYPE A SPECIAL INLET GRATE AND REPLACE WITH TYPE A INLET GRATE
0010	634+10	STH 96	25.5' RT	-	-	-	-	-	-	-	1	-	REMOVE TYPE A SPECIAL INLET GRATE AND REPLACE WITH TYPE A INLET GRATE
0010	640+50	STH 96	25.5' RT	-	-	-	-	-	-	-	1	-	REMOVE TYPE A SPECIAL INLET GRATE AND REPLACE WITH TYPE A INLET GRATE
0010	644+00	STH 96	25.5' RT	-	-	-	-	-	-	-	1	-	REMOVE TYPE A SPECIAL INLET GRATE AND REPLACE WITH TYPE A INLET GRATE
0010	646+65	STH 96	25.5' RT	-	-	-	-	-	-	-	1	-	REMOVE TYPE A SPECIAL INLET GRATE AND REPLACE WITH TYPE A INLET GRATE
0010	649+39	STH 96	25.5' LT	-	-	-	-	-	-	-	-	1	REMOVE TYPE H SPECIAL INLET GRATE AND REPLACE WITH TYPE H INLET GRATE
0010	652+00	STH 96	25.5' RT	2	10	2	10	-	1	19	-	-	
0010	661+48	STH 96	25.5' RT	-	-	-	-	-	-	-	1	-	REMOVE TYPE A SPECIAL INLET GRATE AND REPLACE WITH TYPE A INLET GRATE
0010	665+30	STH 96	17.5' RT	-	-	-	-	1	-	-	-	-	
0010	666+04	STH 96	25.5' RT	-	-	-	-	-	-	-	1	-	REMOVE TYPE A SPECIAL INLET GRATE AND REPLACE WITH TYPE A INLET GRATE
0010	667+15	STH 96	25.5' LT	-	-	-	-	-	-	-	1	-	REMOVE TYPE A SPECIAL INLET GRATE AND REPLACE WITH TYPE A INLET GRATE
0010	689+00	STH 96	25.5' RT	-	-	-	-	-	-	-	1	-	REMOVE TYPE A SPECIAL INLET GRATE AND REPLACE WITH TYPE A INLET GRATE
0010	695+00	STH 96	25.5' RT	-	-	-	-	-	-	-	1	-	REMOVE TYPE N INLET GRATE AND REPLACE WITH TYPE A INLET GRATE
0010	698+00	STH 96	25.5' RT	-	-	-	-	-	-	-	1	-	REMOVE TYPE N INLET GRATE AND REPLACE WITH TYPE A INLET GRATE
			TOTAL 0010	10	40	10	40	5	5	76	15	1	

*ADDITIONAL QUANTITY SHOWN ELSEWHERE

3

3

RIPRAP

CATEGORY	STATION	LOCATION	OFFSET	606.0200 RIPRAP MEDIUM CY	645.0120 GEOTEXTILE TYPE HR SY	REMARKS
0010	721+40	STH 96	65' LT	5	10	PLACE AROUND STORM SEWER OUTLET
			TOTAL 0010	5	10	

GUARDRAIL

CATEGORY	STATION	TO	STATION	LOCATION	OFFSET	614.0305 STEEL PLATE BEAM GUARD CLASS A LF	614.0345 STEEL PLATE BEAM GUARD SHORT RADIUS LF	614.0370 STEEL PLATE BEAM GUARD ENERGY ABSORBING TERMINAL EACH	614.2300 MGS GUARDRAIL 3 LF	614.2350 MGS GUARDRAIL SHORT RADIUS LF	614.2610 MGS GUARDRAIL TERMINAL EAT EACH	614.2630 MGS GUARDRAIL SHORT RADIUS TERMINAL EACH	REMARKS
0010	708+06	-	711+28	STH 96	RT	-	-	-	273	39	1	1	
0010	711+48	-	713+81	STH 96	RT	162	39	1	-	-	-	-	
0010	720+04	-	722+10	STH 96	LT	125	86	1	-	-	-	-	
0010	720+48	-	722+07	STH 96	RT	-	-	-	75	-	2	-	
0010	723+36	-	726+48	STH 96	RT	263	-	1	-	-	-	-	
0010	726+82	-	729+65	STH 96	RT	-	-	-	175	-	2	-	
					TOTAL 0010	550	125	3	523	39	5	1	

3

EROSION CONTROL MOBILIZATIONS

CATEGORY	STATION	TO	STATION	LOCATION	628.1905 MOBILIZATIONS EROSION CONTROL EACH	628.1910 MOBILIZATIONS EMERGENCY EROSION CONTROL EACH	REMARKS
0010	596+85	-	729+76	STH 96	9	4	
				TOTAL 0010	9	4	

TEMPORARY DITCH CHECKS

CATEGORY	STATION	LOCATION	OFFSET	628.7504 TEMPORARY DITCH CHECKS LF	REMARKS
0010	708+80	STH 96	RT	20	
0010	710+15	STH 96	RT	20	
0010	710+90	STH 96	RT	20	
0010	719+29	STH 96	LT	20	
0010	719+91	STH 96	LT	20	
0010	721+00	STH 96	RT	20	
0010	721+36	STH 96	RT	10	
0010	729+77	STH 96	RT	10	
			TOTAL 0010	140	

SILT FENCE

CATEGORY	STATION	TO	STATION	LOCATION	OFFSET	628.1504 SILT FENCE LF	628.1520 SILT FENCE MAINTENANCE LF	REMARKS
0010	706+82	-	707+52	STH 96	RT	70	10	GUARDRAIL GRADING
0010	708+08	-	711+14	STH 96	RT	340	30	GUARDRAIL GRADING
0010	711+57	-	714+46	STH 96	RT	300	30	GUARDRAIL GRADING
0010	714+85	-	715+03	STH 96	RT	20	10	GUARDRAIL GRADING
0010	718+82	-	722+05	STH 96	LT	380	30	GUARDRAIL GRADING
0010	719+00	-	719+22	STH 96	RT	20	10	GUARDRAIL GRADING
0010	719+50	-	722+23	STH 96	RT	290	20	GUARDRAIL GRADING
0010	722+50	-	726+46	STH 96	RT	430	40	GUARDRAIL GRADING
0010	726+78	-	729+77	STH 96	RT	300	30	GUARDRAIL GRADING
					TOTAL 0010	2,150	210	

CULVERT PIPE CHECKS

CATEGORY	STATION	LOCATION	OFFSET	628.7555 CULVERT PIPE CHECKS EACH	REMARKS
0010	707+54	STH 96	RT	4	EXISTING CULVERT PIPE CORREGATED STEEL 18-INCH
			TOTAL 0010	4	

EROSION MAT AND SEEDING

CATEGORY	STATION	TO	STATION	LOCATION	OFFSET	625.0100 TOPSOIL SY	625.0500 SALVAGED TOPSOIL SY	628.2006 EROSION MAT URBAN CLASS I TYPE A SY	628.2008 EROSION MAT URBAN CLASS I TYPE B SY	629.0210 FERTILIZER TYPE B CWT	630.0140 SEEDING MIXTURE NO. 40 LB	630.0500 SEED WATER MGAL	REMARKS
0010	596+62	-	596+87	STH 96	RT	12	-	12	-	0.1	0.5	0.4	SW LEONA STREET CURB RAMP
0010	596+63	-	597+20	STH 96	LT	44	-	44	-	0.1	2.0	1.0	NW LEONA STREET CURB RAMP
0010	596+93	-	597+03	STH 96	RT	2	-	2	-	0.1	0.1	0.1	INLET ADJUSTMENT
0010	597+56	-	597+73	STH 96	LT	13	-	13	-	0.1	0.5	0.5	NE LEONA STREET CURB RAMP
0010	600+93	-	601+07	STH 96	RT	2	-	2	-	0.1	0.1	0.1	INLET ADJUSTMENT
0010	619+93	-	620+07	STH 96	RT	2	-	2	-	0.1	0.1	0.1	INLET ADJUSTMENT
0010	651+93	-	652+07	STH 96	RT	2	-	2	-	0.1	0.1	0.1	INLET ADJUSTMENT
0010	706+96	-	707+59	STH 96	RT	-	10	-	10	0.1	0.4	0.4	GUARDRAIL GRADING
0010	707+97	-	711+24	STH 96	RT	-	220	-	220	0.2	10.0	5.0	GUARDRAIL GRADING
0010	711+51	-	714+48	STH 96	RT	-	210	-	210	0.2	9.0	5.0	GUARDRAIL GRADING
0010	714+86	-	715+01	STH 96	RT	-	1	-	1	0.1	0.1	0.1	GUARDRAIL GRADING
0010	718+87	-	721+50	STH 96	LT	-	42	-	42	0.1	2.0	1.0	GUARDRAIL GRADING
0010	719+03	-	719+21	STH 96	RT	-	4	-	4	0.1	0.1	0.2	GUARDRAIL GRADING
0010	719+52	-	722+21	STH 96	RT	-	90	-	90	0.1	4.0	2.0	GUARDRAIL GRADING
0010	721+54	-	722+10	STH 96	LT	-	43	-	43	0.1	2.0	1.0	GUARDRAIL GRADING
0010	722+50	-	726+47	STH 96	RT	-	170	-	170	0.2	8.0	4.0	GUARDRAIL GRADING
0010	726+00	-	729+76	STH 96	RT	-	100	-	100	0.1	4.0	2.0	GUARDRAIL GRADING
					TOTAL 0010	77	890	77	890	2.0	43.0	23.0	

INLET PROTECTION

CATEGORY	STATION	LOCATION	OFFSET	628.7015 INLET PROTECTION TYPE C EACH	REMARKS
0010	596+98	STH 96	RT	1	
0010	596+98	STH 96	LT	1	
0010	601+00	STH 96	RT	1	
0010	601+00	STH 96	LT	1	
0010	604+91	STH 96	RT	1	
0010	604+91	STH 96	LT	1	
0010	607+87	STH 96	RT	1	
0010	607+87	STH 96	LT	1	
0010	612+00	STH 96	RT	1	
0010	612+00	STH 96	LT	1	
0010	613+00	STH 96	RT	1	
0010	613+00	STH 96	LT	1	
0010	617+50	STH 96	RT	1	
0010	617+50	STH 96	LT	1	
0010	620+00	STH 96	RT	1	
0010	620+00	STH 96	LT	1	
0010	624+20	STH 96	LT	1	
0010	624+25	STH 96	RT	1	
0010	626+40	STH 96	LT	1	
0010	626+70	STH 96	RT	1	
0010	630+50	STH 96	RT	1	
0010	630+50	STH 96	LT	1	
0010	634+10	STH 96	RT	1	
0010	634+10	STH 96	LT	1	
0010	640+50	STH 96	RT	1	
0010	640+50	STH 96	LT	1	
0010	644+00	STH 96	RT	1	
0010	644+00	STH 96	LT	1	
0010	646+65	STH 96	RT	1	
0010	646+65	STH 96	LT	1	
0010	649+39	STH 96	RT	1	
0010	649+39	STH 96	LT	1	
0010	649+46	STH 96	RT	1	
0010	649+46	STH 96	LT	1	
0010	652+00	STH 96	RT	1	
0010	652+00	STH 96	LT	1	
0010	658+05	STH 96	RT	1	
0010	658+05	STH 96	LT	1	
0010	661+48	STH 96	RT	1	
0010	661+50	STH 96	LT	1	
0010	665+13	STH 96	RT	1	
0010	665+13	STH 96	LT	1	
0010	666+04	STH 96	RT	1	
0010	667+25	STH 96	RT	1	
0010	667+25	STH 96	LT	1	
0010	673+50	STH 96	RT	1	
0010	673+50	STH 96	LT	1	
0010	676+50	STH 96	RT	1	
0010	676+50	STH 96	LT	1	
0010	683+00	STH 96	RT	1	
			SUBTOTAL	50	

INLET PROTECTION (CONTINUED)

CATEGORY	STATION	LOCATION	OFFSET	628.7015 INLET PROTECTION TYPE C EACH	REMARKS
0010	683+00	STH 96	LT	1	
0010	686+00	STH 96	LT	1	
0010	686+04	STH 96	RT	1	
0010	689+00	STH 96	RT	1	
0010	695+00	STH 96	RT	1	
0010	698+00	STH 96	RT	1	
0010	703+00	STH 96	RT	1	
			SUBTOTAL	7	
			TOTAL 0010	57	

3

MOVING SIGNS TYPE II

CATEGORY	STATION	LOCATION	OFFSET	638.2102 MOVING SIGNS TYPE II EACH	REMARKS
0010	597+15	STH 96	LT	1	STOP SIGN
0010	597+61	STH 96	LT	1	STREET SIGN
0010	708+76	STH 96	RT	1	EAST 96
0010	712+87	STH 96	RT	1	SPEED LIMIT 35
0010	719+71	STH 96	LT	1	STOP FOR SCHOOL BUS FLASHING RED LIGHTS STATE LAW
0010	721+02	STH 96	LT	1	BIKE LANE
0010	721+03	STH 96	RT	1	HISTORICAL MARKER
0010	722+04	STH 96	LT	1	STOP SIGN
0010	724+81	STH 96	RT	1	DIVIDED HIGHWAY ENDS/WRONG WAY
0010	727+01	STH 96	RT	1	TWO-WAY TRAFFIC/BIKE LANE ENDS/DO NOT ENTER
			TOTAL 0010	10	

TRAFFIC CONTROL

CATEGORY	LOCATION	ESTIMATED DURATION DAYS	643.0300 TRAFFIC CONTROL DRUMS NO. IN SERVICE	643.0300 DAY	643.0420 TRAFFIC CONTROL BARRICADES TYPE III NO. IN SERVICE	643.0420 DAY	643.0705 TRAFFIC CONTROL WARNING LIGHTS TYPE A NO. IN SERVICE	643.0705 DAY	643.0715 TRAFFIC CONTROL WARNING LIGHTS TYPE C NO. IN SERVICE	643.0715 DAY	643.0900 TRAFFIC CONTROL SIGNS NO. IN SERVICE	643.0900 DAY	643.0920 TRAFFIC CONTROL COVERING SIGNS TYPE II NO	CYCLES	EACH	643.1050 TRAFFIC CONTROL SIGNS PCMS NO. IN SERVICE	643.1050 DAY	643.1070 TRAFFIC CONTROL CONES 42-INCH NO. IN SERVICE	643.1070 DAY	644.1810 TEMPORARY PEDESTRIAN BARRICADE LF	REMARKS
STAGE 1 (TWO-WAY LEFT TURN LANE CLOSURE EAST END OF PROJECT)																					
0010	STH 96	14	4	56	3	42	6	84	4	56	19	266	-	-	-	2	14	-	-	-	
0010	SIDEROADS	14	-	-	-	-	-	-	-	-	2	28	-	-	-	-	-	-	-	-	SEE SDD 15C05 FOR SIDE ROADS
STAGE 2 (TRAFFIC SHIFTED TO SOUTH SIDE OF ROAD)																					
0010	STH 96	28	72	2,016	6	168	6	168	16	448	31	868	37	1	37	2	14	1,072	30,016	30	
0010	SIDEROADS	28	-	-	-	-	-	-	-	-	15	420	3	1	3	-	-	-	-	-	SEE SDD 15C04 & 15C05 FOR SIDE ROADS
STAGE 3 (TRAFFIC SHIFTED TO NORTH SIDE OF ROAD)																					
0010	STH 96	38	66	2,508	10	380	6	228	26	988	39	1,482	1	1	1	2	14	1,060	40,280	15	
0010	SIDEROADS	38	-	-	-	-	-	-	-	-	18	684	7	1	7	-	-	-	-	-	SEE SDD 15C04 & 15C05 FOR SIDE ROADS
STAGE 4 (FINAL PAVEMENT MARKING)																					
0010	STH 96	4	-	-	-	-	-	-	-	-	8	32	-	-	-	-	-	-	-	-	
0010	SIDEROADS	4	-	-	-	-	-	-	-	-	12	48	-		-	-	-	-	-	-	SEE SDD 15C04 & 15C05 FOR SIDE ROADS
		TOTAL 0010		4,580		590		480		1,492		3,828			48		42		70,296	45	

TEMPORARY MARKING LINE

CATEGORY	STATION	TO	STATION	LOCATION	OFFSET	643.3165 TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW) LF	643.3165 TEMPORARY MARKING LINE PAINT 6-INCH (DOUBLE YELLOW) LF	643.3165 TEMPORARY MARKING LINE PAINT 6-INCH (WHITE) LF	643.3180 TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (DOUBLE YELLOW) LF	643.3180 TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE) LF	646.9002 MARKING REMOVAL LINE 6-INCH LF	646.9102 MARKING REMOVAL LINE 10-INCH LF	646.9200 MARKING REMOVAL LINE WIDE LF	646.9300 MARKING REMOVAL SPECIAL MARKING EACH	REMARKS
STAGE 1 (TWO-WAY LEFT TURN LANE CLOSURE EAST END OF PROJECT)															
0010	723+00	-	730+00	STH 96	8' RT	700	-	-	-	-	-	-	-	-	SOLID SINGLE CENTERLINE
0010	723+00	-	727+27	STH 96	7' RT	-	-	-	-	-	427	-	-	-	EXISTING SOLID SINGLE CENTERLINE
0010	725+50	-	730+29	STH 96	8' LT	479	-	-	-	-	-	-	-	-	SOLID SINGLE CENTERLINE
0010	725+50	-	726+29	STH 96	LT	-	-	-	-	-	79	-	-	-	EXISTING SOLID SINGLE CENTERLINE TAPER
0010	728+77	-	730+00	STH 96	RT	123	-	-	-	-	-	-	-	-	SOLID SOUTH EDGE LINE
0010	728+77	-	731+91	STH 96	RT	-	-	-	-	-	314	-	-	-	EXISTING SOLID SOUTH EDGE LINE TAPER
0010	728+85	-	728+89	STH 96	RT	-	-	-	-	-	-	-	5	-	EXISTING DIAGONAL EDGE LINE
0010	729+11		729+15	STH 96	RT								6		EXISTING DIAGONAL EDGE LINE
0010	729+36	-	729+41	STH 96	RT	-	-	-	-	-	-	-	7	-	EXISTING DIAGONAL EDGE LINE
0010	729+60		729+66	STH 96	RT								8		EXISTING DIAGONAL EDGE LINE
0010	729+76	-	730+39	STH 96	0.5' RT	-	-	-	-	-	63	-	-	-	EXISTING SOLID SINGLE CENTERLINE
0010	729+76		731+60	STH 96	0.5' LT						184				EXISTING SOLID SINGLE CENTERLINE
0010	729+86	-	729+92	STH 96	RT	-	-	-	-	-	-	-	9	-	EXISTING DIAGONAL EDGE LINE
0010	730+00	-	730+39	STH 96	RT	39	-	-	-	-	-	-	-	-	SOLID SINGLE CENTERLINE TAPER
0010	730+09	-	730+17	STH 96	RT	-	-	-	-	-	-	-	12	-	EXISTING DIAGONAL EDGE LINE
0010	730+29	-	731+60	STH 96	LT	131	-	-	-	-	-	-	-	-	SOLID SINGLE CENTERLINE TAPER
0010	730+33	-	730+41	STH 96	RT	-	-	-	-	-	-	-	13	-	EXISTING DIAGONAL EDGE LINE
0010	730+57	-	730+66	STH 96	RT	-	-	-	-	-	-	-	12	-	EXISTING DIAGONAL EDGE LINE
0010	730+81	-	730+90	STH 96	RT	-	-	-	-	-	-	-	14	-	EXISTING DIAGONAL EDGE LINE
0010	731+07	-	731+15	STH 96	RT	-	-	-	-	-	-	-	12	-	EXISTING DIAGONAL EDGE LINE
0010	731+32	-	731+40	STH 96	RT	-	-	-	-	-	-	-	12	-	EXISTING DIAGONAL EDGE LINE
0010	731+57	-	731+65	STH 96	RT	-	-	-	-	-	-	-	12	-	EXISTING DIAGONAL EDGE LINE
STAGE 2 (TRAFFIC SHIFTED TO SOUTH SIDE OF ROAD)															
0010	593+74	-	594+53	STH 96	RT	-	-	-	-	-	21	-	-	-	EXISTING DASHED SOUTH EDGE LINE TAPER
0010	593+93	-	594+34	STH 96	RT	41	-	-	-	-	-	-	-	-	SOLID SINGLE CENTERLINE TAPER
0010	594+34	-	596+60	STH 96	13.5' RT	226	-	-	-	-	-	-	-	-	SOLID SINGLE CENTERLINE
0010	594+53		595+19	STH 96	RT						66				EXISTING SOUTH EDGE LINE TAPER
0010	-	-	594+56	STH 96	22.5' RT	-	-	-	-	-	-	-	-	1	EXISTING BIKE LANE SYMBOL
0010			594+70	STH 96	22.5' RT									1	EXISTING BIKE LANE ARROW
0010	594+49	-	596+23	STH 96	RT/LT	-	-	-	-	-	348	-	-	-	EXISTING SOLID DOUBLE CENTERLINE SOUTH TAPER
0010	595+16	-	596+61	STH 96	RT/LT	-	-	145	-	-	-	-	-	-	SOLID NORTH EDGE LINE TAPER
0010	595+17	-	596+23	STH 96	LT	-	-	-	-	-	212	-	-	-	EXISTING SOLID DOUBLE CENTERLINE NORTH TAPER
0010	595+17	-	596+60	STH 96	RT/LT	143	-	-	-	-	-	-	-	-	SOLID SINGLE NORTH CENTERLINE TAPER
0010	595+19	-	605+05	STH 96	7' LT	-	-	-	-	-	[illegible]		-	-	EXISTING SOUTH EDGE LINE
0010	595+29	-	595+34	STH 96	RT/LT	-	-	-	-	-			7	-	EXISTING DIAGONAL MED AN LINE
0010	595+44	-	595+48	STH 96	RT/LT	-	-	-	-	-			7	-	EXISTING DIAGONAL MED AN LINE
0010	595+59	-	595+63	STH 96	LT	-	-	-	-	-			6	-	EXISTING DIAGONAL MED AN LINE
0010	595+74	-	595+78	STH 96	LT	-	-	-	-	-			6	-	EXISTING DIAGONAL MED AN LINE
0010	595+90	-	595+93	STH 96	LT	-	-	-	-	-			5	-	EXISTING DIAGONAL MED AN LINE
0010	596+76	-	596+85	STH 96	7' LT	-	-	-	-	-			-	-	EXISTING SOLID DOUBLE CENTER LINE
0010	596+62	-	596+99	STH 96	6.5' RT	-	-	-	-	-			37	-	EXISTING SOLID CHANNELIZING LINE
0010	-	-	596+36	STH 96	C	-	-	-	-	-			-	1	EXISTING WORD "ONLY"
0010	596+60	-	726+00	STH 96	13' RT	-	25,880	-	-	-			-	-	SOLID DOUBLE CENTERLINE
				SUBTOTAL		580	25,880	145	0	0	2,312	0	190	3	

TEMPORARY MARKING LINE (CONTINUED)

CATEGORY	STATION	TO	STATION	LOCATION	OFFSET	643.3165 TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW) LF	643.3165 TEMPORARY MARKING LINE PAINT 6-INCH (DOUBLE YELLOW) LF	643.3165 TEMPORARY MARKING LINE PAINT 6-INCH (WHITE) LF	643.3180 TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (DOUBLE YELLOW) LF	643.3180 TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE) LF	646.9002 MARKING REMOVAL LINE 6-INCH LF	646.9102 MARKING REMOVAL LINE 10-INCH LF	646.9200 MARKING REMOVAL LINE WIDE LF	646.9300 MARKING REMOVAL SPECIAL MARKING EACH	REMARKS
0010			596+76	STH 96	0'									1	EXISTING ARROW, TYPE 2
0010	597+65	-	605+05	STH 96	7' RT	-	-	-	-	-	740	-	-	-	EXISTING SOLID SINGLE CENTERLINE
0010	597+65		605+05	STH 96	6' RT						188				EXISTING DASHED SINGLE CENTERLINE
0010	-	-	598+13	STH 96	0'	-	-	-	-	-	-	-	-	1	EXISTING ARROW, TYPE 2
0010			598+54	STH 96	0'									1	EXISTING ARROW, TYPE 2
0010	-	-	598+59	STH 96	22.5' RT	-	-	-	-	-	-	-	-	1	EXISTING BIKE LANE SYMBOL
0010			598+71	STH 96	22.5' RT									1	EXISTING BIKE LANE ARROW
0010	-	-	603+17	STH 96	22.5' RT	-	-	-	-	-	-	-	-	1	EXISTING WORD "BIKE"
0010	-	-	603+26	STH 96	22.5' RT	-	-	-	-	-	-	-	-	1	EXISTING WORD "LANE"
0010	-	-	603+35	STH 96	22.5' RT	-	-	-	-	-	-	-	-	1	EXISTING WORK "ONLY"
0010	-	-	603+65	STH 96	0'	-	-	-	-	-	-	-	-	1	EXISTING ARROW, TYPE 2
0010	-	-	604+02	STH 96	0'	-	-	-	-	-	-	-	-	1	EXISTING ARROW, TYPE 2
0010	605+72	-	607+85	STH 96	19' RT	-	-	-	-	-	213	-	-	-	EXISTING SOLID SOUTH EDGE LINE
0010	605+72	-	607+85	STH 96	6.5' RT	-	-	-	-	-	426	-	-	1	EXISTING SOLID DOUBLE CENTERLINE
0010	605+72	-	606+80	STH 96	5' LT	-	-	-	-	-	216	-	-	1	EXISTING SOLID DOUBLE CENTERLINE
0010	-	-	605+37	STH 96	0'	-	-	-	-	-	-	-	-	1	EXISTING ARROW, TYPE 2
0010	-	-	606+49	STH 96	0'	-	-	-	-	-	-	-	-	1	EXISTING WORD "ONLY"
0010	606+80	-	607+22	STH 96	RT	-	-	-	-	-	84	-	-	-	EXISTING SOLID DOUBLE CENTERLINE NORTH TAPER
0010	606+88	-	606+90	STH 96	RT	-	-	-	-	-	-	-	3	-	EXISTING DIAGONAL MEDIAN LINE
0010	607+02	-	607+05	STH 96	RT	-	-	-	-	-	-	-	5	-	EXISTING DIAGONAL MEDIAN LINE
0010	607+19	-	607+25	STH 96	RT	-	-	-	-	-	-	-	8	-	EXISTING DIAGONAL MEDIAN LINE
0010	607+40	-	607+45	STH 96	RT	-	-	-	-	-	-	-	8	-	EXISTING DIAGONAL MEDIAN LINE
0010	607+59	-	607+64	STH 96	RT	-	-	-	-	-	-	-	8	-	EXISTING DIAGONAL MEDIAN LINE
0010	607+79	-	607+84	STH 96	RT	-	-	-	-	-	-	-	8	-	EXISTING DIAGONAL MEDIAN LINE
0010	608+65	-	620+41	STH 96	19' RT	-	-	-	-	-	1,176	-	-	-	EXISTING SOLID SOUTH EDGE LINE
0010	608+65	-	610+89	STH 96	6.5' RT	-	-	-	-	-	448	-	-	-	EXISTING SOLID DOUBLE CENTERLINE
0010	608+65	-	609+73	STH 96	4.5' RT	-	-	-	-	-	216	-	-	-	EXISTING SOLID DOUBLE CENTERLINE
0010			608+76	STH 96	22.5' RT									1	EXISTING BIKE LANE SYMBOL
0010	-	-	608+89	STH 96	22.5' RT	-	-	-	-	-	-	-	-	1	EXISTING BIKE LANE ARROW
0010			608+91	STH 96	0'									1	EXISTING ARROW, TYPE 2
0010	-	-	609+42	STH 96	0'	-	-	-	-	-	-	-	-	1	EXISTING WORD "ONLY"
0010	609+73		610+15	STH 96	RT						84				EXISTING NORTH SOLID DOUBLE CENTERLINE
0010	609+87	-	609+90	STH 96	RT	-	-	-	-	-	-	-	4	-	EXISTING DIAGONAL MEDIAN LINE
0010	610+05	-	610+11	STH 96	RT	-	-	-	-	-	-	-	8	-	EXISTING DIAGONAL MEDIAN LINE
0010	610+22	-	610+30	STH 96	RT	-	-	-	-	-	-	-	10	-	EXISTING DIAGONAL MEDIAN LINE
0010	610+43	-	610+50	STH 96	RT	-	-	-	-	-	48	-	10	-	EXISTING DIAGONAL MEDIAN LINE
0010	610+63	-	610+70	STH 96	RT	-	-	-	-	-	-	-	10	-	EXISTING DIAGONAL MEDIAN LINE
0010	610+89	-	610+89	STH 96	RT	-	-	-	-	-	-	-	1	-	EXISTING DIAGONAL MEDIAN LINE
0010	610+89	-	624+18	STH 96	7' RT	-	-	-	-	-	1,329	-	-	-	EXISTING SOLID SINGLE CENTERLINE
0010	610+89	-	624+18	STH 96	6' RT	-	-	-	-	-	338	-	-	-	EXISTING DASHED SINGLE CENTERLINE
0010	-	-	611+27	STH 96	0'	-	-	-	-	-	-	-	-	1	EXISTING ARROW, TYPE 2
0010	-	-	611+64	STH 96	0'	-	-	-	-	-	-	-	-	1	EXISTING ARROW, TYPE 2
0010	-	-	614+30	STH 96	0'	-	-	-	-	-	-	-	-	1	EXISTING ARROW, TYPE 2
0010	-	-	615+12	STH 96	22.5' RT	-	-	-	-	-	-	-	-	1	EXISTING BIKE LANE SYMBOL
0010	-	-	615+24	STH 96	22.5' RT	-	-	-	-	-	-	-	-	1	EXISTING BIKE LANE ARROW
0010	-	-	615+29	STH 96	0'	-	-	-	-	-	-	-	-	1	EXISTING ARROW, TYPE 2
0010	-	-	618+52	STH 96	0'	-	-	-	-	-	-	-	-	1	EXISTING ARROW, TYPE 2
0010	-	-	618+90	STH 96	0'	-	-	-	-	-	-	-	-	1	EXISTING ARROW, TYPE 2
0010	-	-	620+78	STH 96	22.5' RT	-	-	-	-	-	-	-	-	1	EXISTING BIKE LANE SYMBOL
0010	-	-	620+90	STH 96	22.5' RT	-	-	-	-	-	-	-	-	1	EXISTING BIKE LANE ARROW
				SUBTOTAL		0	0	0	0	0	5,506	0	89	28	

TEMPORARY MARKING LINE (CONTINUED)

CATEGORY	STATION	TO	STATION	LOCATION	OFFSET	643.3165 TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW) LF	643.3165 TEMPORARY MARKING LINE PAINT 6-INCH (DOUBLE YELLOW) LF	643.3165 TEMPORARY MARKING LINE PAINT 6-INCH (WHITE) LF	643.3180 TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (DOUBLE YELLOW) LF	643.3180 TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE) LF	646.9002 MARKING REMOVAL LINE 6-INCH LF	646.9102 MARKING REMOVAL LINE 10-INCH LF	646.9200 MARKING REMOVAL LINE WIDE LF	646.9300 MARKING REMOVAL SPECIAL MARKING EACH	REMARKS
0010	-	-	623+00	STH 96	0'	-	-	-	-	-	-	-	-	1	EXISTING ARROW, TYPE 2
0010	-	-	623+37	STH 96	0'	-	-	-	-	-	-	-	-	1	EXISTING ARROW, TYPE 2
0010	624+92	-	654+34	STH 96	19' RT	-	-	-	-	-	2,942	-	-	-	EXISTING SOLID SOUTH EDGELINE
0010	624+92	-	627+15	STH 96	6.5' RT	-	-	-	-	-	446	-	-	-	EXISTING SOLID DOUBLE CENTERLINE
0010	624+92	-	626+00	STH 96	4.5' RT	-	-	-	-	-	216	-	-	-	EXISTING SOLID DOUBLE CENTERLINE
0010	-	-	625+02	STH 96	22.5' RT	-	-	-	-	-	-	-	-	1	EXISTING BIKE LANE SYMBOL
0010			625+14	STH 96	22.5' RT									1	EXISTING BIKE LANE ARROW
0010	-	-	625+17	STH 96	0'	-	-	-	-	-	-	-	-	1	EXISTING ARROW, TYPE 2
0010			625+68	STH 96	0'									1	EXISTING WORD "ONLY"
0010	626+00	-	626+42	STH 96	RT	-	-	-	-	-	84	-	-	-	EXISTING NORTH SOLID DOUBLE CENTERLINE
0010	626+13	-	626+15	STH 96	RT	-	-	-	-	-	-	-	3	-	EXISTING DIAGONAL MEDIAN LINE
0010	626+30	-	626+35	STH 96	RT	-	-	-	-	-	-	-	6	-	EXISTING DIAGONAL MEDIAN LINE
0010	626+48	-	626+54	STH 96	RT	-	-	-	-	-	-	-	8	-	EXISTING DIAGONAL MEDIAN LINE
0010	626+69	-	626+75	STH 96	RT	-	-	-	-	-	-	-	8	-	EXISTING DIAGONAL MEDIAN LINE
0010	626+89	-	626+95	STH 96	RT	-	-	-	-	-	-	-	8	-	EXISTING DIAGONAL MEDIAN LINE
0010	626+09	-	267+15	STH 96	RT	-	-	-	-	-	-	-	8	-	EXISTING DIAGONAL MEDIAN LINE
0010	627+15	-	267+15	STH 96	RT	-	-	-	-	-	-	-	7	-	EXISTING DIAGONAL MEDIAN LINE
0010	627+15	-	651+82	STH 96	7' RT	-	-	-	-	-	-	-	-	-	EXISTING SOLID SINGLE CENTERLINE
0010	627+15	-	651+82	STH 96	6' RT	-	-	-	-	-	-	-	-	-	EXISTING DASHED SINGLE CENTERLINE
0010	-	-	627+51	STH 96	0'	-	-	-	-	-	-	-	-	1	EXISTING ARROW, TYPE 2
0010	-	-	627+88	STH 96	0'	-	-	-	-	-	-	-	-	1	EXISTING ARROW, TYPE 2
0010			631+60	STH 96	0'									1	EXISTING ARROW, TYPE 2
0010	-	-	631+97	STH 96	0'	-	-	-	-	-	-	-	-	1	EXISTING ARROW, TYPE 2
0010			635+14	STH 96	0'									1	EXISTING ARROW, TYPE 2
0010	-	-	635+54	STH 96	0'	-	-	-	-	-	-	-	-	1	EXISTING ARROW, TYPE 2
0010	-	-	638+30	STH 96	22.5' RT	-	-	-	-	-	-	-	-	1	EXISTING BIKE LANE SYMBOL
0010	-	-	638+34	STH 96	0.0'	-	-	-	-	-	-	-	-	1	EXISTING ARROW, TYPE 2
0010	-	-	638+43	STH 96	22.5' RT	-	-	-	-	-	-	-	-	1	EXISTING BIKE LANE ARROW
0010	-	-	638+77	STH 96	0'	-	-	-	-	-	-	-	-	1	EXISTING ARROW, TYPE 2
0010	-	-	641+54	STH 96	0'	-	-	-	-	-	-	-	-	1	EXISTING ARROW, TYPE 2
0010	-	-	641+97	STH 96	0'	-	-	-	-	-	-	-	-	1	EXISTING ARROW, TYPE 2
0010	-	-	647+89	STH 96	0'	-	-	-	-	-	-	-	-	1	EXISTING ARROW, TYPE 2
0010	-	-	648+31	STH 96	0'	-	-	-	-	-	-	-	-	1	EXISTING ARROW, TYPE 2
0010	651+82	-	652+34	STH 96	6.5' RT	-	-	-	-	-	104	-	-	-	EXISTING SOLID DOUBLE CENTERLINE
0010	652+34	-	652+98	STH 96	RT	-	-	-	-	-	128	-	-	-	EXISTING SOLID DOUBLE CENTERLINE TAPER
0010	653+34	-	654+34	STH 96	7' RT	-	-	-	-	-	-	100	-	-	EXISTING SOLID CHANNELIZING LINE
0010	655+04		658+05	STH 96	19' RT						301				EXISTING SOLID SOUTH EDGELINE
0010	655+04	-	657+29	STH 96	6.5' RT	-	-	-	-	-	450	-	-	-	EXISTING SOLID DOUBLE CENTERLINE
0010	655+04	-	656+12	STH 96	4.5' RT	-	-	-	-	-	216	-	-	-	EXISTING SOLID DOUBLE CENTERLINE
0010	656+12	-	656+54	STH 96	RT	-	-	-	-	-	84	-	-	-	EXISTING SOLID DOUBLE CENTERLINE TAPER
0010	656+21	-	656+23	STH 96	RT	-	-	-	-	-	-	-	3	-	EXISTING DIAGONAL MEDIAN LINE
0010	656+39	-	656+44	STH 96	RT	-	-	-	-	-	-	-	6	-	EXISTING DIAGONAL MEDIAN LINE
0010	656+57	-	656+64	STH 96	RT	-	-	-	-	-	-	-	9	-	EXISTING DIAGONAL MEDIAN LINE
0010	656+78	-	656+84	STH 96	RT	-	-	-	-	-	-	-	9	-	EXISTING DIAGONAL MEDIAN LINE
0010	656+98	-	657+04	STH 96	RT	-	-	-	-	-	-	-	9	-	EXISTING DIAGONAL MEDIAN LINE
0010	657+18	-	657+24	STH 96	RT	-	-	-	-	-	-	-	9	-	EXISTING DIAGONAL MEDIAN LINE
0010	657+29	-	657+29	STH 96	RT	-	-	-	-	-	-	-	7	-	EXISTING DIAGONAL MEDIAN LINE
0010	657+29	-	658+05	STH 96	7' RT	-	-	-	-	-	76	-	-	-	EXISTING SOLID SINGLE CENTERLINE
0010	657+29	-	658+05	STH 96	6' RT	-	-	-	-	-	25	-	-	-	EXISTING DASHED SINGLE CENTERLINE
0010			657+44	STH 96	0'									1	EXISTING ARROW, TYPE 2
				SUBTOTAL		0	0	0	0	0	5,072	100	100	21	

TEMPORARY MARKING LINE (CONTINUED)

CATEGORY	STATION	TO	STATION	LOCATION	OFFSET	643.3165 TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW) LF	643.3165 TEMPORARY MARKING LINE PAINT 6-INCH (DOUBLE YELLOW) LF	643.3165 TEMPORARY MARKING LINE PAINT 6-INCH (WHITE) LF	643.3180 TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (DOUBLE YELLOW) LF	643.3180 TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE) LF	646.9002 MARKING REMOVAL LINE 6-INCH LF	646.9102 MARKING REMOVAL LINE 10-INCH LF	646.9200 MARKING REMOVAL LINE WIDE LF	646.9300 MARKING REMOVAL SPECIAL MARKING EACH	REMARKS
0010	-	-	657+86	STH 96	0'	-	-	-	-	-	-	-	-	1	EXISTING ARROW, TYPE 2
0010	658+76	-	665+34	STH 96	19 RT	-	-	-	-	-	658	-	-	-	EXISTING SOLID SOUTH EDGELINE
0010	658+76	-	661+03	STH 96	6.5' RT	-	-	-	-	-	454	-	-	-	EXISTING SOLID DOUBLE CENTERLINE
0010	658+76	-	659+84	STH 96	4.5' RT	-	-	-	-	-	216	-	-	-	EXISTING SOLID DOUBLE CENTERLINE
0010			658+84	STH 96	22.5' RT									1	EXISTING BIKE LANE SYMBOL
0010	-	-	658+97	STH 96	22.5' RT	-	-	-	-	-	-	-	-	1	EXISTING BIKE LANE ARROW
0010			659+05	STH 96	0'									1	EXISTING ARROW, TYPE 2
0010	-	-	659+56	STH 96	0'	-	-	-	-	-	-	-	-	1	EXISTING WORD "ONLY"
0010	659+84		660+26	STH 96	RT						84				EXISTING SOLID DOUBLE CENTERLINE NORTH TAPER
0010	659+96	-	659+98	STH 96	RT	-	-	-	-	-	-	-	3	-	EXISTING DIAGONAL MEDIAN LINE
0010	660+13		660+18	STH 96	RT								6		EXISTING DIAGONAL MEDIAN LINE
0010	660+32	-	660+38	STH 96	RT	-	-	-	-	-	-	-	8	-	EXISTING DIAGONAL MEDIAN LINE
0010	660+52	-	660+58	STH 96	RT	-	-	-	-	-	-	-	8	-	EXISTING DIAGONAL MEDIAN LINE
0010	660+72	-	660+78	STH 96	RT	-	-	-	-	-	-	-	8	-	EXISTING DIAGONAL MEDIAN LINE
0010	660+91	-	660+97	STH 96	RT	-	-	-	-	-	-	-	8	-	EXISTING DIAGONAL MEDIAN LINE
0010	661+03	-	661+03	STH 96	RT	-	-	-	-	-	-	-	7	-	EXISTING DIAGONAL MEDIAN LINE
0010	661+03	-	665+34	STH 96	7' RT	-	-	-	-	-	431	-	-	-	EXISTING SOLID SINGLE CENTERLINE
0010	661+03	-	665+34	STH 96	6' RT	-	-	-	-	-	113	-	-	-	EXISTING DASHED SINGLE CENTERLINE
0010	-	-	661+37	STH 96	0'	-	-	-	-	-	-	-	-	1	EXISTING ARROW, TYPE 2
0010	-	-	661+78	STH 96	0'	-	-	-	-	-	-	-	-	1	EXISTING ARROW, TYPE 2
0010	-	-	664+61	STH 96	0'	-	-	-	-	-	-	-	-	1	EXISTING ARROW, TYPE 2
0010	-	-	665+03	STH 96	0'	-	-	-	-	-	-	-	-	1	EXISTING ARROW, TYPE 2
0010	666+04	-	722+06	STH 96	19 RT	-	-	-	-	-	5,602	-	-	-	EXISTING SOLID SOUTH EDGELINE
0010	666+04	-	668+32	STH 96	6.5' RT	-	-	-	-	-	456	-	-	-	EXISTING SOLID DOUBLE CENTERLINE
0010	666+04	-	667+17	STH 96	4.5' RT	-	-	-	-	-	216	-	-	-	EXISTING SOLID DOUBLE CENTERLINE
0010	-	-	666+13	STH 96	22.5' RT	-	-	-	-	-	-	-	-	1	EXISTING BIKE LANE SYMBOL
0010	-	-	666+26	STH 96	22.5' RT	-	-	-	-	-	-	-	-	1	EXISTING BIKE LANE ARROW
0010	-	-	666+34	STH 96	0' RT	-	-	-	-	-	-	-	-	1	EXISTING ARROW, TYPE 2
0010	-	-	666+85	STH 96	0' RT	-	-	-	-	-	-	-	-	1	EXISTING WORD "ONLY"
0010	667+12	-	667+54	STH 96	RT	-	-	-	-	-	84	-	-	-	EXISTING SOLID DOUBLE CENTERLINE NORTH TAPER
0010	667+50	-	667+56	STH 96	RT	-	-	-	-	-	-	-	8	-	EXISTING DIAGONAL MEDIAN LINE
0010	667+65	-	667+70	STH 96	RT	-	-	-	-	-	-	-	8	-	EXISTING DIAGONAL MEDIAN LINE
0010	667+82	-	667+88	STH 96	RT	-	-	-	-	-	-	-	8	-	EXISTING DIAGONAL MEDIAN LINE
0010	668+02	-	668+08	STH 96	RT	-	-	-	-	-	-	-	8	-	EXISTING DIAGONAL MEDIAN LINE
0010	668+22	-	668+28	STH 96	RT	-	-	-	-	-	-	-	8	-	EXISTING DIAGONAL MEDIAN LINE
0010	668+32	-	668+32	STH 96	RT	-	-	-	-	-	-	-	7	-	EXISTING DIAGONAL MEDIAN LINE
0010	668+32		719+72	STH 96	7' RT						5,140				EXISTING SOLID SINGLE CENTERLINE
0010	668+32	-	719+72	STH 96	6' RT	-	-	-	-	-	1,288	-	-	-	EXISTING DASHED SINGLE CENTERLINE
0010			668+68	STH 96	0'									1	EXISTING ARROW, TYPE 2
0010	-	-	669+08	STH 96	0'	-	-	-	-	-	-	-	-	1	EXISTING ARROW, TYPE 2
0010			671+64	STH 96	22.5' RT									1	EXISTING BIKE LANE SYMBOL
0010	-	-	671+76	STH 96	22.5' RT	-	-	-	-	-	-	-	-	1	EXISTING BIKE LANE ARROW
0010			672+95	STH 96	0'									1	EXISTING ARROW, TYPE 2
0010	-	-	673+34	STH 96	0'	-	-	-	-	-	-	-	-	1	EXISTING ARROW, TYPE 2
0010	-	-	677+20	STH 96	0'	-	-	-	-	-	-	-	-	1	EXISTING ARROW, TYPE 2
0010	-	-	677+58	STH 96	0'	-	-	-	-	-	-	-	-	1	EXISTING ARROW, TYPE 2
0010	-	-	681+38	STH 96	0'	-	-	-	-	-	-	-	-	1	EXISTING ARROW, TYPE 2
0010	-	-	681+79	STH 96	0'	-	-	-	-	-	-	-	-	1	EXISTING ARROW, TYPE 2
0010	-	-	685+63	STH 96	0'	-	-	-	-	-	-	-	-	1	EXISTING ARROW, TYPE 2
0010	-	-	686+03	STH 96	0'	-	-	-	-	-	-	-	-	1	EXISTING ARROW, TYPE 2
				SUBTOTAL		0	0	0	0	0	14,742	0	95	25	

TEMPORARY MARKING LINE (CONTINUED)

CATEGORY	STATION	TO	STATION	LOCATION	OFFSET	643.3165 TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW) LF	643.3165 TEMPORARY MARKING LINE PAINT 6-INCH (DOUBLE YELLOW) LF	643.3165 TEMPORARY MARKING LINE PAINT 6-INCH (WHITE) LF	643.3180 TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (DOUBLE YELLOW) LF	643.3180 TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE) LF	646.9002 MARKING REMOVAL LINE 6-INCH LF	646.9102 MARKING REMOVAL LINE 10-INCH LF	646.9200 MARKING REMOVAL LINE WIDE LF	646.9300 MARKING REMOVAL SPECIAL MARKING EACH	REMARKS
0010	-	-	689+91	STH 96	0'	-	-	-	-	-	-	-	-	1	EXISTING ARROW, TYPE 2
0010	-	-	690+32	STH 96	0'	-	-	-	-	-	-	-	-	1	EXISTING ARROW, TYPE 2
0010	-	-	691+69	STH 96	22.5' RT	-	-	-	-	-	-	-	-	1	EXISTING BIKE LANE SYMBOL
0010	-	-	691+82	STH 96	22.5' RT	-	-	-	-	-	-	-	-	1	EXISTING BIKE LANE ARROW
0010			694+19	STH 96	0'									1	EXISTING ARROW, TYPE 2
0010	-	-	694+59	STH 96	0'	-	-	-	-	-	-	-	-	1	EXISTING ARROW, TYPE 2
0010			698+48	STH 96	0'									1	EXISTING ARROW, TYPE 2
0010	-	-	698+88	STH 96	0'	-	-	-	-	-	-	-	-	1	EXISTING ARROW, TYPE 2
0010			702+54	STH 96	0'									1	EXISTING ARROW, TYPE 2
0010	-	-	702+94	STH 96	0'	-	-	-	-	-	-	-	-	1	EXISTING ARROW, TYPE 2
0010			705+55	STH 96	22.5' RT									1	EXISTING BIKE LANE SYMBOL
0010	-	-	705+72	STH 96	22.5' RT	-	-	-	-	-	-	-	-	1	EXISTING BIKE LANE ARROW
0010	706+10	-	726+00	STH 96	24 RT	-	-	1,990	-	-	-	-	-	-	SOLID SOUTH EDGE LINE
0010	-	-	706+66	STH 96	0'	-	-	-	-	-	-	-	-	1	EXISTING ARROW, TYPE 2
0010	-	-	707+07	STH 96	0'	-	-	-	-	-	-	-	-	1	EXISTING ARROW, TYPE 2
0010	-	-	710+73	STH 96	0'	-	-	-	-	-	-	-	-	1	EXISTING ARROW, TYPE 2
0010	-	-	711+13	STH 96	0'	-	-	-	-	-	-	-	-	1	EXISTING ARROW, TYPE 2
0010	-	-	715+14	STH 96	0'	-	-	-	-	-	-	-	-	1	EXISTING ARROW, TYPE 2
0010	-	-	715+54	STH 96	0'	-	-	-	-	-	-	-	-	1	EXISTING ARROW, TYPE 2
0010	-	-	718+03	STH 96	22.5' RT	-	-	-	-	-	-	-	-	1	EXISTING BIKE LANE SYMBOL
0010	-	-	715+15	STH 96	22.5' RT	-	-	-	-	-	-	-	-	1	EXISTING BIKE LANE ARROW
0010	-	-	719+01	STH 96	0'	-	-	-	-	-	-	-	-	1	EXISTING ARROW, TYPE 2
0010	-	-	719+41	STH 96	0'	-	-	-	-	-	-	-	-	1	EXISTING ARROW, TYPE 2
0010	719+72	-	719+92	STH 96	6.5' RT	-	-	-	-	-	40	-	-	-	EXISTING SOLID DOUBLE CENTERLINE
0010	719+72	-	719+72	STH 96	RT	-	-	-	-	-	-	-	7	-	EXISTING DIAGONAL MEDIAN LINE
0010	719+92	-	720+59	STH 96	RT	-	-	-	-	-	134	-	-	-	EXISTING SOLID DOUBLE CENTERLINE TAPER
0010	719+97	-	720+07	STH 96	RT	-	-	-	-	-	-	-	7	-	EXISTING DIAGONAL MEDIAN LINE
0010	720+18	-	720+21	STH 96	RT	-	-	-	-	-	-	-	4	-	EXISTING DIAGONAL MEDIAN LINE
0010	720+39	-	720+40	STH 96	RT	-	-	-	-	-	66	-	2	-	EXISTING DIAGONAL MEDIAN LINE
0010	720+92	-	721+92	STH 96	7' RT	-	-	-	-	-	-	100	-	-	EXISTING SOLID CHANNELIZING LINE
0010	-	-	721+19	STH 96	0' RT	-	-	-	-	-	-	-	-	1	EXISTING WORD "ONLY"
0010	-	-	721+72	STH 96	0' RT	-	-	-	-	-	-	-	-	1	EXISTING ARROW, TYPE 2
0010	722+79	-	727+27	STH 96	19 RT	-	-	-	-	-	448	-	-	1	EXISTING SOLID SOUTH EDGE LINE
0010	722+81	-	723+00	STH 96	7' RT	-	-	-	-	-	19	-	-	1	EXISTING SOLID SINGLE CENTERLINE
0010	722+81	-	725+75	STH 96	6' RT	-	-	-	-	-	75	-	-	-	EXISTING DASHED SINGLE CENTERLINE
0010	-	-	723+24	STH 96	0'	-	-	-	-	-	-	-	-	1	EXISTING ARROW, TYPE 2
0010			723+65	STH 96	0'									1	EXISTING ARROW, TYPE 2
0010	-	-	724+99	STH 96	0'	-	-	-	-	-	-	-	-	1	EXISTING ARROW, TYPE 2
0010			725+40	STH 96	0'									1	EXISTING ARROW, TYPE 2
0010	726+00	-	729+79	STH 96	RT	-	-	379	-	-	-	-	-	-	SOLID SOUTH EDGE LINE TAPER
0010	726+00		731+68	STH 96	RT		1,136								SOLID DOUBLE CENTERLINE
0010	-	-	727+01	STH 96	21.5' RT	-	-	-	-	-	-	-	-	1	EXISTING WORD "BIKE"
0010			727+11	STH 96	21.5' RT									1	EXISTING WORD "LANE"
0010	-	-	727+20	STH 96	21.5' RT	-	-	-	-	-	-	-	-	1	EXISTING WORD "ENDS"
0010	727+39	-	728+77	STH 96	RT	-	-	-	-	-	138	-	-	-	EXISTING SOUTH EDGE LINE TAPER
0010	727+84	-	727+86	STH 96	RT	-	-	-	-	-	138	-	3	-	EXISTING DIAGONAL EDGE LINE
0010	728+10	-	728+12	STH 96	RT	-	-	-	-	-	-	-	4	-	EXISTING DIAGONAL EDGE LINE
0010	728+34	-	728+37	STH 96	RT	-	-	-	-	-	-	-	4	-	EXISTING DIAGONAL EDGE LINE
0010	728+60	-	728+64	STH 96	RT	-	-	-	-	-	-	-	5	-	EXISTING DIAGONAL EDGE LINE
0010	729+76	-	730+29	STH 96	19' LT	-	-	-	-	-	53	-	-	-	EXISTING SOLID NORTH EDGE LINE
			SUBTOTAL			0	1,136	2,369	0	0	1,111	100	36	33	

TEMPORARY MARKING LINE (CONTINUED)

CATEGORY	STATION		STATION	LOCATION	OFFSET	643.3165 TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW) LF	643.3165 TEMPORARY MARKING LINE PAINT 6-INCH (DOUBLE YELLOW) LF	643.3165 TEMPORARY MARKING LINE PAINT 6-INCH (WHITE) LF	643.3180 TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (DOUBLE YELLOW) LF	643.3180 TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE) LF	646.9062 MARKING REMOVAL LINE 6-INCH LF	646.9102 MARKING REMOVAL LINE 10-INCH LF	646.9200 MARKING REMOVAL LINE WIDE LF	646.9300 MARKING REMOVAL SPECIAL MARKING EACH	REMARKS
0010	730+29	-	731+70	STH 96	LT	-	-	-	-	-	141	-	-	-	EXISTING SOLID NORTH EDGE LINE TAPER
0010	730+39	-	731+60	STH 96	0.5' RT	-	-	-	-	-	121	-	-	-	EXISTING SOLID SINGLE CENTERLINE
0010	731+31	-	731+78	STH 96	LT	-	-	47	-	-	-	-	-	-	SOLID NORTH EDGE LINE TAPER
0010	-	-	731+32	STH 96	19.5' LT	-	-	-	-	-	-	-	-	1	EXISTING WORD "ENDS"
0010	-	-	731+44	STH 96	19.5' LT	-	-	-	-	-	-	-	-	1	EXISTING WORD "LANE"
0010			731+57	STH 96	19.5' LT									1	EXISTING WORD "BIKE"
0010	731+60	-	731+68	STH 96	0'	-		-	-	-	16	-	-	-	EXISTING SOLID DOUBLE CENTERLINE
STAGE 3 (TRAFFIC SHIFTED TO NORTH SIDE OF ROAD)															
0010	593+75	-	595+24	STH 96	RT/LT	-	-	-	-	149	-	-	-	-	SOLID SOUTH EDGE LINE TAPER
0010	593+85	-	594+68	STH 96	10' RT	-	-	-	-	-	166	-	-	-	EXISTING SOLID DOUBLE CENTERLINE
0010	593+85	-	593+93	STH 96	0'	-	-	-	16	-	-	-	-	-	SOLID DOUBLE CENTERLINE
0010	593+85	-	594+61	STH 96	LT	-	-	-	-	-	-	76	-	-	EXISTING SOLID CHANNELIZING LINE
0010	593+93	-	595+25	STH 96	LT	-	-	-	264	-	-	-	-	-	SOLID DOUBLE CENTERLINE TAPER
0010	-	-	594+08	STH 96	4' RT	-	-	-	-	-	-	-	-	1	EXISTING ARROW, TYPE 2
0010	594+16		594+60	STH 96	LT							44			EXISTING SOLID CHANNELIZING LINE
0010	-	-	594+47	STH 96	RT	-	-	-	-	-	-	-	-	1	EXISTING WORD "ONLY"
0010	594+68	-	595+22	STH 96	RT/LT	-	-	-	-	-	108	-	-	-	EXISTING SOLID DOUBLE CENTERLINE NORTH TAPER
0010	594+68	-	595+54	STH 96	RT/LT	-	-	-	-	-	172	-	-	-	EXISTING SOLID DOUBLE CENTERLINE SOUTH TAPER
0010	594+99	-	595+04	STH 96	RT	-	-	-	-	-	-	-	7	-	EXISTING DIAGONAL MEDIAN LINE
0010	595+13	-	595+19	STH 96	RT	-	-	-	-	-	-	-	7	-	EXISTING DIAGONAL MEDIAN LINE
0010	595+03	-	595+87	STH 96	LT	-	-	-	-	-	21	-	-	1	EXISTING DASHED NORTH EDGE LINE TAPER
0010	595+25	-	726+00	STH 96	13' LT	-	-	-	26,150	-	-	-	-	-	SOLID DOUBLE CENTERLINE
0010	595+87	-	596+85	STH 96	19' LT	-	-	-	-	-	98	-	-	-	EXISTING SOLID NORTH EDGE LINE
0010	686+10		721+52	STH 96	24' LT					3,542					SOLID NORTH EDGE LINE
0010	723+05	-	726+00	STH 96	24' LT	-	-	-	-	3,542	-	-	-	-	SOLID NORTH EDGE LINE
0010	726+00	-	731+89	STH 96	LT	-	-	-	1,178	-	-	-	-	-	SOLID DOUBLE CENTERLINE TAPER
0010	726+00	-	727+00	STH 96	LT	-	-	-	-	-	-	-	-	-	SOLID NORTH EDGE LINE TAPER
0010	730+63	-	731+87	STH 96	RT	-	-	-	-	124	-	-	-	-	SOLID SOUTH EDGE LINE TAPER
0010	731+68	-	731+91	STH 96	0'	-	-	-	-	-	46	-	-	-	EXISTING SOLID DOUBLE CENTERLINE
				SUBTOTAL		0	0	47	27,608	7,357	889	120	14	6	
				TOTAL 0010			30,157		34,965		29,632	320	524	116	

3

PAVEMENT MARKING

						646.2020	646.2040					646.4040	646.5020	646.5120	646.5220	646.6120	646.6466	646.6470	646.7120	
						MARKING LINE EPOXY 6-INCH			MARKING LINE GROOVED WET REF EPOXY 6-INCH			MARKING LINE GROOVED WET REF EPOXY 10-INCH	MARKING ARROW EPOXY	MARKING WORD EPOXY	MARKING SYMBOL EPOXY	MARKING STOP LINE EPOXY 18-INCH	COLD WEATHER MARKING EPOXY 6-INCH	COLD WEATHER MARKING EPOXY 10-INCH	MARKING DIAGONAL EPOXY 12-INCH	
CATEGORY	STATION	TO	STATION	LOCATION	OFFSET	(DOUBLE YELLOW) LF	(YELLOW) LF	(DOUBLE YELLOW) LF	(DASHED YELLOW) (12.5' LINE/37.5' GAP) LF	(WHITE) LF	(DASHED WHITE) (3' LINE/9' GAP) LF	(WHITE) LF	(WHITE) EACH	(WHITE) EACH	(WHITE) EACH	(WHITE) LF	LF	LF	(YELLOW) LF	REMARKS
0010	-	-	593+85	STH 96	0'	-	-	-	-	-	-	-	-	-	-	23	-	-	-	BALLARD ROAD INTERSECTION
0010	593+85	-	594+68	STH 96	RT	-	-	166	-	-	-	-	-	-	-	-	-	-	-	SOLID DOUBLE CENTERLINE
0010	593+85	-	594+61	STH 96	LT	-	-	-	-	-	-	76	-	-	-	-	-	-	-	LT TURN SOLID CHANNELIZING LANE LINE
0010	593+85	-	594+60	STH 96	LT	-	-	-	-	-	-	75	-	-	-	-	-	-	-	THRU LANE SOLID CHANNELIZING LANE LINE
0010	593+89	-	594+16	STH 96	LT	-	-	-	-	-	-	27	-	-	-	-	-	-	-	RT TURN SOLID CHANNELIZING LANE LINE
0010	-	-	594+37	STH 96	4' RT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	ARROW, TYPE 2
0010	594+20	-	594+53	STH 96	RT	-	-	-	-	-	9	-	-	-	-	-	-	-	-	DASHED SOUTH EDGE LINE
0010	594+53	-	604+97	STH 96	19' RT	-	-	-	-	1,044	-	-	-	-	-	-	-	-	-	SOLID SOUTH EDGE LINE
0010	-	-	594+56	STH 96	23.5' RT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	594+68	-	596+23	STH 96	RT/LT	-	-	310	-	-	-	-	-	-	-	-	-	-	-	SOLID DOUBLE CENTERLINE NORTH TAPER
0010	594+68	-	596+23	STH 96	RT/LT	-	-	310	-	-	-	-	-	-	-	-	-	-	-	SOLID DOUBLE CENTERLINE SOUTH TAPER
0010	-	-	594+69	STH 96	23.5' RT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	594+87	-	594+91	STH 96	RT	-	-	-	-	-	-	-	-	-	-	-	-	-	5	MEDIAN
0010	595+12	-	595+18	STH 96	RT	-	-	-	-	-	-	-	-	-	-	-	-	-	8	MEDIAN
0010	595+14	-	595+87	STH 96	LT	-	-	-	-	-	18	-	-	-	-	-	-	-	-	DASHED NORTH EDGE LINE
0010	595+37	-	595+43	STH 96	RT/LT	-	-	-	-	-	-	-	-	-	-	-	-	-	7	MEDIAN
0010	595+62	-	595+67	STH 96	LT	-	-	-	-	-	-	-	-	-	-	-	-	-	7	MEDIAN
0010	595+87	-	595+91	STH 96	LT	-	-	-	-	-	-	-	-	-	-	-	-	-	6	MEDIAN
0010	595+87	-	596+99	STH 96	19' LT	-	-	-	-	112	-	-	-	-	-	-	-	-		SOLID NORTH EDGE LINE
0010	596+23	-	596+99	STH 96	6.5' LT	-	-	152	-	-	-	-	-	-	-	-	-	-		SOLID DOUBLE CENTERLINE
0010	596+32	-	596+99	STH 96	7' RT	-	-	-	-	-	-	67	-	-	-	-	-	-	-	LT TURN SOLID CHANNELIZING LANE LINE
0010	-	-	596+56	STH 96	0'	-	-	-	-	-	-	-	1	-	-	-	-	-	-	ARROW, TYPE 2
0010	597+65	-	652+34	STH 96	7' RT	-	5,469	-	-	-	-	-	-	-	-	-	-	-	-	SOLID SINGLE CENTERLINE
0010	597+65	-	652+34	STH 96	6' RT	-	-	-	1,362	-	-	-	-	-	-	-	-	-	-	DASHED CENTERLINE
0010	597+65	-	652+34	STH 96	6' LT	-	-	-	1,362	-	-	-	-	-	-	-	-	-	-	DASHED CENTERLINE
0010	597+65	-	652+34	STH 96	7' LT	-	5,469	-	-	-	-	-	-	-	-	-	-	-	-	SOLID SINGLE CENTERLINE
0010	597+65	-	654+34	STH 96	19' RT	-	-	-	-	5,669	-	-	-	-	-	-	-	-	-	SOLID NORTH EDGE LINE
0010	597+70	-	597+93	STH 96	21.5' LT	-	-	-	-	-	-	-	-	3	-	-	-	-	-	"BIKE LANE ENDS"
0010	-	-	598+15	STH 96	21.5' RT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	598+27	STH 96	21.5' RT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	599+23	STH 96	0'	-	-	-	-	-	-	-	1	-	-	-	-	-	-	ARROW, TYPE 2
0010	-	-	599+35	STH 96	21.5' LT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	599+47	STH 96	0'	-	-	-	-	-	-	-	1	-	-	-	-	-	-	ARROW, TYPE 2
0010	-	-	599+47	STH 96	21.5' LT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	600+64	STH 96	21.5' RT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	600+76	STH 96	21.5' RT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	601+85	STH 96	21.5' LT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	601+97	STH 96	21.5' LT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	603+14	STH 96	21.5' RT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	603+15	STH 96	0'	-	-	-	-	-	-	-	1	-	-	-	-	-	-	ARROW, TYPE 2
0010	-	-	603+26	STH 96	21.5' RT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	603+39	STH 96	0'	-	-	-	-	-	-	-	1	-	-	-	-	-	-	ARROW, TYPE 2
0010	-	-	604+35	STH 96	21.5' LT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	604+47	STH 96	21.5' LT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	605+72	-	607+91	STH 96	19' RT	-	-	-	-	219	-	-	-	-	-	-	-	-	-	SOLID SOUTH EDGE LINE
0010	-	-	606+22	STH 96	21.5' RT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	606+34	STH 96	21.5' RT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	607+29	STH 96	0'	-	-	-	-	-	-	-	1	-	-	-	-	-	-	ARROW, TYPE 2
0010	-	-	607+29	STH 96	21.5' LT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	607+41	STH 96	21.5' LT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
					SUBTOTAL	0	10,938	938	2,724	7,044	27	245	16	3	9	23	0	0	33	

PAVEMENT MARKING (CONTINUED)

CATEGORY	STATION	TO	STATION	LOCATION	OFFSET	646.2020 MARKING LINE EPOXY 6-INCH (DOUBLE YELLOW) LF	646.2040 MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW) LF	646.2040 (DOUBLE YELLOW) LF	646.2040 (DASHED YELLOW) (12.5' LINE/37.5' GAP) LF	646.2040 (WHITE) LF	646.2040 (DASHED WHITE) (3' LINE/9' GAP) LF	646.4040 MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE) LF	646.5020 MARKING ARROW EPOXY (WHITE) EACH	646.5120 MARKING WORD EPOXY (WHITE) EACH	646.5220 MARKING SYMBOL EPOXY (WHITE) EACH	646.6120 MARKING STOP LINE EPOXY 18-INCH (WHITE) LF	646.6466 COLD WEATHER MARKING EPOXY 6-INCH LF	646.6470 COLD WEATHER MARKING EPOXY 10-INCH LF	646.7120 MARKING DIAGONAL EPOXY 12-INCH (YELLOW) LF	REMARKS
						-														
0010	-	-	607+53	STH 96	0'	-	-	-	-	-	-	-	1	-	-	-	-	-	-	ARROW, TYPE 2
0010	608+65	-	624+18	STH 96	19' RT	-	-	-	-	1,553	-	-	-	-	-	-	-	-	-	SOLID SOUTH EDGE LINE
0010	-	-	609+15	STH 96	21.5' RT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	609+27	STH 96	21.5' RT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	609+77	STH 96	21.5' LT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	609+89	STH 96	21.5' LT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	611+29	STH 96	0'	-	-	-	-	-	-	-	1	-	-	-	-	-	-	ARROW, TYPE 2
0010	-	-	611+53	STH 96	0'	-	-	-	-	-	-	-	1	-	-	-	-	-	-	ARROW, TYPE 2
0010	-	-	611+65	STH 96	21.5' RT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	611+77	STH 96	21.5' RT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	612+27	STH 96	21.5' LT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	612+39	STH 96	21.5' LT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	614+15	STH 96	21.5' RT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	614+27	STH 96	21.5' RT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	614+77	STH 96	21.5' LT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	614+89	STH 96	21.5' LT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	615+29	STH 96	0'	-	-	-	-	-	-	-	1	-	-	-	-	-	-	ARROW, TYPE 2
0010	-	-	615+53	STH 96	0'	-	-	-	-	-	-	-	1	-	-	-	-	-	-	ARROW, TYPE 2
0010	-	-	616+65	STH 96	21.5' RT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	616+77	STH 96	21.5' RT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	617+27	STH 96	21.5' LT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	617+39	STH 96	21.5' LT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	619+15	STH 96	21.5' RT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	619+27	STH 96	21.5' RT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	619+30	STH 96	0'	-	-	-	-	-	-	-	1	-	-	-	-	-	-	ARROW, TYPE 2
0010	-	-	619+54	STH 96	0'	-	-	-	-	-	-	-	1	-	-	-	-	-	-	ARROW, TYPE 2
0010	-	-	619+77	STH 96	21.5' LT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	619+89	STH 96	21.5' LT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	621+06	STH 96	21.5' LT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	621+15	STH 96	21.5' RT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	621+18	STH 96	21.5' LT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	621+27	STH 96	21.5' RT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	623+30	STH 96	0'	-	-	-	-	-	-	-	1	-	-	-	-	-	-	ARROW, TYPE 2
0010	-	-	623+54	STH 96	0'	-	-	-	-	-	-	-	1	-	-	-	-	-	-	ARROW, TYPE 2
0010	-	-	623+56	STH 96	21.5' LT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	623+65	STH 96	21.5' RT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	623+68	STH 96	21.5' LT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	623+77	STH 96	21.5' RT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	624+92	-	654+34	STH 96	19' RT	-	-	-	-	2,942	-	-	-	-	-	-	-	-	-	SOLID SOUTH EDGE LINE
0010	-	-	625+42	STH 96	21.5' RT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	625+54	STH 96	21.5' RT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	626+22	STH 96	21.5' LT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	626+34	STH 96	21.5' LT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	627+51	STH 96	0'	-	-	-	-	-	-	-	1	-	-	-	-	-	-	ARROW, TYPE 2
0010	-	-	627+75	STH 96	0'	-	-	-	-	-	-	-	1	-	-	-	-	-	-	ARROW, TYPE 2
0010	-	-	627+92	STH 96	21.5' RT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	628+04	STH 96	21.5' RT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	628+72	STH 96	21.5' LT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	628+84	STH 96	21.5' LT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	630+42	STH 96	21.5' RT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
					SUBTOTAL	0	0	0	0	4,495	0	0	29	0	19	0	- 0	0	0	

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	MISCELLANEOUS QUANTITIES	SHEET 139	E

PAVEMENT MARKING (CONTINUED)

CATEGORY	STATION	TO	STATION	LOCATION	OFFSET	646.2020 MARKING LINE EPOXY 6-INCH (DOUBLE YELLOW) LF	646.2040 MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW) LF	646.2040 (DOUBLE YELLOW) LF	646.2040 (DASHED YELLOW) (12.5' LINE/37.5' GAP) LF	646.2040 (WHITE) LF	646.2040 (DASHED WHITE) (3' LINE/9' GAP) LF	646.4040 MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE) LF	646.5020 MARKING ARROW EPOXY (WHITE) EACH	646.5120 MARKING WORD EPOXY (WHITE) EACH	646.5220 MARKING SYMBOL EPOXY (WHITE) EACH	646.6120 MARKING STOP LINE EPOXY 18-INCH (WHITE) LF	646.6466 COLD WEATHER MARKING EPOXY 6-INCH LF	646.6470 COLD WEATHER MARKING EPOXY 10-INCH LF	646.7120 MARKING DIAGONAL EPOXY 12-INCH (YELLOW) LF	REMARKS
0010	-	-	630+54	STH 96	21.5' RT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	631+22	STH 96	21.5' LT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	631+34	STH 96	21.5' LT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	631+51	STH 96	0'	-	-	-	-	-	-	-	1	-	-	-	-	-	-	ARROW, TYPE 2
0010	-	-	631+75	STH 96	0'	-	-	-	-	-	-	-	1	-	-	-	-	-	-	ARROW, TYPE 2
0010	-	-	632+92	STH 96	21.5' RT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	633+04	STH 96	21.5' RT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	633+72	STH 96	21.5' LT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	633+84	STH 96	21.5' LT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	635+42	STH 96	21.5' RT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	635+51	STH 96	0'	-	-	-	-	-	-	-	1	-	-	-	-	-	-	ARROW, TYPE 2
0010	-	-	635+54	STH 96	21.5' RT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	635+75	STH 96	0'	-	-	-	-	-	-	-	1	-	-	-	-	-	-	ARROW, TYPE 2
0010	-	-	636+22	STH 96	21.5' LT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	636+34	STH 96	21.5' LT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	637+92	STH 96	21.5' RT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	638+04	STH 96	21.5' RT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	638+72	STH 96	21.5' LT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	638+84	STH 96	21.5' LT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	639+51	STH 96	0'	-	-	-	-	-	-	-	1	-	-	-	-	-	-	ARROW, TYPE 2
0010	-	-	639+75	STH 96	0'	-	-	-	-	-	-	-	1	-	-	-	-	-	-	ARROW, TYPE 2
0010	-	-	640+42	STH 96	21.5' RT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	640+54	STH 96	21.5' RT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	641+22	STH 96	21.5' LT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	641+34	STH 96	21.5' LT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	642+92	STH 96	21.5' RT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	643+04	STH 96	21.5' RT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	643+51	STH 96	0'	-	-	-	-	-	-	-	1	-	-	-	-	-	-	ARROW, TYPE 2
0010	-	-	643+72	STH 96	21.5' LT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	643+75	STH 96	0'	-	-	-	-	-	-	-	1	-	-	-	-	-	-	ARROW, TYPE 2
0010	-	-	643+84	STH 96	21.5' LT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	645+42	STH 96	21.5' RT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	645+54	STH 96	21.5' RT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	646+22	STH 96	21.5' LT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	646+34	STH 96	21.5' LT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	647+51	STH 96	0'	-	-	-	-	-	-	-	1	-	-	-	-	-	-	ARROW, TYPE 2
0010	-	-	647+75	STH 96	0'	-	-	-	-	-	-	-	1	-	-	-	-	-	-	ARROW, TYPE 2
0010	-	-	647+92	STH 96	21.5' RT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	648+04	STH 96	21.5' RT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	648+72	STH 96	21.5' LT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	648+84	STH 96	21.5' LT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	650+42	STH 96	21.5' RT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	650+54	STH 96	21.5' RT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	651+22	STH 96	21.5' LT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	651+34	STH 96	21.5' LT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	651+51	STH 96	0'	-	-	-	-	-	-	-	1	-	-	-	-	-	-	ARROW, TYPE 2
0010	-	-	651+75	STH 96	0'	-	-	-	-	-	-	-	1	-	-	-	-	-	-	ARROW, TYPE 2
0010	652+34	-	653+34	STH 96	RT/LT	-	-	200	-	-	-	-	-	-	-	-	-	-	-	SOLID DOUBLE CENTERLINE TAPER
0010	652+34	-	654+34	STH 96	6.5' LT	-	-	400	-	-	-	-	-	-	-	-	-	-	-	SOLID DOUBLE CENTERLINE
0010	-	-	652+92	STH 96	21.5' RT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
					SUBTOTAL	0	0	600	0	0	0	0	30	0	18	0	0	0	0	

PAVEMENT MARKING (CONTINUED)

						646.2020	646.2040					646.4040	646.5020	646.5120	646.5220	646.6120	646.6466	646.6470	646.7120	
						MARKING LINE EPOXY 6-INCH	MARKING LINE GROOVED WET REF EPOXY 6-INCH					MARKING LINE GROOVED WET REF EPOXY 10-INCH	MARKING ARROW EPOXY	MARKING WORD EPOXY	MARKING SYMBOL EPOXY	MARKING STOP LINE EPOXY 18-INCH	COLD WEATHER MARKING EPOXY 6-INCH	COLD WEATHER MARKING EPOXY 10-INCH	MARKING DIAGONAL EPOXY 12-INCH	
CATEGORY	STATION	TO	STATION	LOCATION	OFFSET	(DOUBLE YELLOW) LF	(YELLOW) LF	(DOUBLE YELLOW) LF	(DASHED YELLOW) (12.5' LINE/37.5' GAP) LF	(WHITE) LF	(DASHED WHITE) (3' LINE/9' GAP) LF	(WHITE) LF	(WHITE) EACH	(WHITE) EACH	(WHITE) EACH	(WHITE) LF	LF	LF	(YELLOW) LF	REMARKS
0010	-	-	653+04	STH 96	21.5' RT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	653+34	-	654+34	STH 96	7' RT	-	-	-	-	-	-	100	-	-	-	-	-	-	-	LT TURN SOLID CHANNELIZING LANE LINE
0010	653+34	-	654+34	STH 96	5' LT	-	100	-	-	-	-	-	-	-	-	-	-	-	-	SOLID SINGLE CENTERLINE
0010	-	-	653+58	STH 96	1' RT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	ARROW, TYPE 2
0010	-	-	653+72	STH 96	21.5' LT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	653+84	STH 96	21.5' LT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	654+10	STH 96	1' RT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	ARROW, TYPE 2
0010	655+04	-	658+05	STH 96	19' RT	-	-	-	-	301	-	-	-	-	-	-	-	-	-	SOLID SOUTH EDGE LINE
0010	655+04	-	657+04	STH 96	6.5' RT	-	-	400	-	-	-	-	-	-	-	-	-	-	-	SOLID DOUBLE CENTERLINE
0010	655+04	-	656+04	STH 96	5' RT	-	100	-	-	-	-	-	-	-	-	-	-	-	-	SOLID SINGLE CENTERLINE
0010	655+04	-	656+04	STH 96	7' LT	-	-	-	-	-	-	100	-	-	-	-	-	-	-	LT TURN SOLID CHANNELIZING LANE LINE
0010	655+04	-	721+52	STH 96	19' LT	-	-	-	-	6,648	-	-	-	-	-	-	-	-	-	SOLID NORTH EDGE LINE
0010	-	-	655+28	STH 96	1' LT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	ARROW, TYPE 2
0010	-	-	655+54	STH 96	21.5' RT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	655+66	STH 96	21.5' RT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	655+80	STH 96	1' LT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	ARROW, TYPE 2
0010	656+04	-	657+04	STH 96	5' RT	-	-	200	-	-	-	-	-	-	-	-	-	-	-	SOLID DOUBLE CENTERLINE TAPER
0010	657+04	-	719+92	STH 96	7' RT	-	6,288	-	-	-	-	-	-	-	-	-	-	-	-	SOLID SINGLE CENTERLINE
0010	657+04	-	719+92	STH 96	6' RT	-	-	-	1575	-	-	-	-	-	-	-	-	-	-	DASHED CENTERLINE
0010	657+04	-	719+92	STH 96	6' LT	-	-	-	1575	-	-	-	-	-	-	-	-	-	-	DASHED CENTERLINE
0010	657+04	-	719+92	STH 96	7' LT	-	6,288	-	-	-	-	-	-	-	-	-	-	-	-	SOLID SINGLE CENTERLINE
0010	-	-	657+42	STH 96	0'	-	-	-	-	-	-	-	1	-	-	-	-	-	-	ARROW, TYPE 2
0010	-	-	657+43	STH 96	21.5' LT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	657+55	STH 96	21.5' LT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	657+66	STH 96	0'	-	-	-	-	-	-	-	1	-	-	-	-	-	-	ARROW, TYPE 2
0010	658+76	-	665+34	STH 96	19' RT	-	-	-	-	658	-	-	-	-	-	-	-	-	-	SOLID SOUTH EDGE LINE
0010	-	-	659+26	STH 96	21.5' RT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	659+38	STH 96	21.5' RT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	659+72	STH 96	21.5' LT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	659+84	STH 96	21.5' LT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	661+14	STH 96	0'	-	-	-	-	-	-	-	1	-	-	-	-	-	-	ARROW, TYPE 2
0010	-	-	661+38	STH 96	0'	-	-	-	-	-	-	-	1	-	-	-	-	-	-	ARROW, TYPE 2
0010	-	-	661+76	STH 96	21.5' RT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	661+88	STH 96	21.5' RT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	662+22	STH 96	21.5' LT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	662+34	STH 96	21.5' LT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	664+26	STH 96	21.5' RT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	664+38	STH 96	21.5' RT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	664+72	STH 96	0'	-	-	-	-	-	-	-	1	-	-	-	-	-	-	ARROW, TYPE 2
0010	-	-	664+72	STH 96	21.5' LT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	664+84	STH 96	21.5' LT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	664+96	STH 96	0'	-	-	-	-	-	-	-	1	-	-	-	-	-	-	ARROW, TYPE 2
0010	666+04	-	722+06	STH 96	19' RT	-	-	-	-	5,602	-	-	-	-	-	-	-	-	-	SOLID SOUTH EDGE LINE
0010	-	-	666+54	STH 96	21.5' RT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	666+66	STH 96	21.5' RT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	668+40	STH 96	21.5' LT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	668+51	STH 96	0'	-	-	-	-	-	-	-	1	-	-	-	-	-	-	ARROW, TYPE 2
0010	-	-	668+52	STH 96	22' LT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	668+75	STH 96	0'	-	-	-	-	-	-	-	1	-	-	-	-	-	-	ARROW, TYPE 2
0010	-	-	669+04	STH 96	21.5' RT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
					SUBTOTAL	0	12,776	600	3,150	13,209	0	200	24	0	12	0	0	0	0	

PAVEMENT MARKING (CONTINUED)

CATEGORY	STATION	TO	STATION	LOCATION	OFFSET	646.2020 MARKING LINE EPOXY 6-INCH (DOUBLE YELLOW) LF	646.2040 MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW) LF	646.2040 (DOUBLE YELLOW) LF	646.2040 (DASHED YELLOW) (12.5' LINE/37.5' GAP) LF	646.2040 (WHITE) LF	646.2040 (DASHED WHITE) (3' LINE/9' GAP) LF	646.4040 MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE) LF	646.5020 MARKING ARROW EPOXY (WHITE) EACH	646.5120 MARKING WORD EPOXY (WHITE) EACH	646.5220 MARKING SYMBOL EPOXY (WHITE) EACH	646.6120 MARKING STOP LINE EPOXY 18-INCH (WHITE) LF	646.6466 COLD WEATHER MARKING EPOXY 6-INCH LF	646.6470 COLD WEATHER MARKING EPOXY 10-INCH LF	646.7120 MARKING DIAGONAL EPOXY 12-INCH (YELLOW) LF	REMARKS
0010	-	-	669+16	STH 96	21.5' RT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	670+90	STH 96	21.5' LT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	671+02	STH 96	21.5' LT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	671+54	STH 96	21.5' RT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	671+66	STH 96	21.5' RT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	672+41	STH 96	0'	-	-	-	-	-	-	-	1	-	-	-	-	-	-	ARROW, TYPE 2
0010	-	-	672+65	STH 96	0'	-	-	-	-	-	-	-	1	-	-	-	-	-	-	ARROW, TYPE 2
0010	-	-	673+40	STH 96	21.5' LT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	673+52	STH 96	21.5' LT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	674+04	STH 96	21.5' RT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	674+16	STH 96	21.5' RT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	675+90	STH 96	21.5' LT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	676+02	STH 96	21.5' LT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	676+31	STH 96	0'	-	-	-	-	-	-	-	1	-	-	-	-	-	-	ARROW, TYPE 2
0010	-	-	676+54	STH 96	21.5' RT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	676+55	STH 96	0'	-	-	-	-	-	-	-	1	-	-	-	-	-	-	ARROW, TYPE 2
0010	-	-	676+66	STH 96	21.5' RT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	678+40	STH 96	21.5' LT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	678+52	STH 96	21.5' LT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	679+04	STH 96	21.5' RT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	679+16	STH 96	21.5' RT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	680+21	STH 96	0'	-	-	-	-	-	-	-	1	-	-	-	-	-	-	ARROW, TYPE 2
0010	-	-	68+45	STH 96	0'	-	-	-	-	-	-	-	1	-	-	-	-	-	-	ARROW, TYPE 2
0010	-	-	680+90	STH 96	21.5' LT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	681+02	STH 96	21.5' LT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	681+54	STH 96	21.5' RT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	681+66	STH 96	21.5' RT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	683+40	STH 96	21.5' LT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	683+52	STH 96	21.5' LT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	684+04	STH 96	21.5' RT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	684+11	STH 96	0'	-	-	-	-	-	-	-	1	-	-	-	-	-	-	ARROW, TYPE 2
0010	-	-	684+16	STH 96	21.5' RT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	684+35	STH 96	0'	-	-	-	-	-	-	-	1	-	-	-	-	-	-	ARROW, TYPE 2
0010	-	-	685+90	STH 96	21.5' LT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	686+02	STH 96	21.5' LT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	686+54	STH 96	21.5' RT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	686+66	STH 96	21.5' RT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	688+01	STH 96	0'	-	-	-	-	-	-	-	1	-	-	-	-	-	-	ARROW, TYPE 2
0010	-	-	688+25	STH 96	0'	-	-	-	-	-	-	-	1	-	-	-	-	-	-	ARROW, TYPE 2
0010	-	-	688+40	STH 96	21.5' LT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	688+52	STH 96	21.5' LT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	689+04	STH 96	21.5' RT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	689+16	STH 96	21.5' RT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	690+90	STH 96	21.5' LT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	691+02	STH 96	21.5' LT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	691+54	STH 96	21.5' RT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	691+66	STH 96	21.5' RT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	691+91	STH 96	0'	-	-	-	-	-	-	-	1	-	-	-	-	-	-	ARROW, TYPE 2
0010	-	-	692+15	STH 96	0'	-	-	-	-	-	-	-	1	-	-	-	-	-	-	ARROW, TYPE 2
0010	-	-	693+40	STH 96	21.5' LT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
					SUBTOTAL	0	0	0	0	0	0	0	32	0	18	0	0	0	0	

PAVEMENT MARKING (CONTINUED)

CATEGORY	STATION	TO	STATION	LOCATION	OFFSET	646.2020 MARKING LINE EPOXY 6-INCH (DOUBLE YELLOW) LF	646.2040 MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW) LF	(DOUBLE YELLOW) LF	(DASHED YELLOW) (12.5' LINE/37.5' GAP) LF	(WHITE) LF	(DASHED WHITE) (3' LINE/9' GAP) LF	646.4040 MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE) LF	646.5020 MARKING ARROW EPOXY (WHITE) EACH	646.5120 MARKING WORD EPOXY (WHITE) EACH	646.5220 MARKING SYMBOL EPOXY (WHITE) EACH	646.6120 MARKING STOP LINE EPOXY 18-INCH (WHITE) LF	646.6466 COLD WEATHER MARKING EPOXY 6-INCH LF	646.6470 COLD WEATHER MARKING EPOXY 10-INCH LF	646.7120 MARKING DIAGONAL EPOXY 12-INCH (YELLOW) LF	REMARKS
0010	-	-	693+52	STH 96	21.5' LT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	694+04	STH 96	21.5' RT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	694+16	STH 96	21.5' RT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	695+81	STH 96	0'	-	-	-	-	-	-	-	1	-	-	-	-	-	-	ARROW, TYPE 2
0010	-	-	695+90	STH 96	21.5' LT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	696+02	STH 96	21.5' LT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	696+05	STH 96	0'	-	-	-	-	-	-	-	1	-	-	-	-	-	-	ARROW, TYPE 2
0010	-	-	696+54	STH 96	21.5' RT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	696+66	STH 96	21.5' RT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	698+40	STH 96	21.5' LT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	698+52	STH 96	21.5' LT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	699+04	STH 96	21.5' RT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	699+16	STH 96	21.5' RT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	699+71	STH 96	0'	-	-	-	-	-	-	-	1	-	-	-	-	-	-	ARROW, TYPE 2
0010	-	-	699+95	STH 96	0'	-	-	-	-	-	-	-	1	-	-	-	-	-	-	ARROW, TYPE 2
0010	-	-	700+90	STH 96	21.5' LT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	701+02	STH 96	21.5' LT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	701+54	STH 96	21.5' RT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	701+66	STH 96	21.5' RT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	703+40	STH 96	21.5' LT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	703+52	STH 96	21.5' LT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	703+61	STH 96	0'	-	-	-	-	-	-	-	1	-	-	-	-	-	-	ARROW, TYPE 2
0010	-	-	703+85	STH 96	0'	-	-	-	-	-	-	-	1	-	-	-	-	-	-	ARROW, TYPE 2
0010	-	-	704+04	STH 96	21.5' RT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	704+16	STH 96	21.5' RT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	705+90	STH 96	21.5' LT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	706+02	STH 96	21.5' LT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	706+54	STH 96	21.5' RT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	706+66	STH 96	21.5' RT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	707+51	STH 96	0'	-	-	-	-	-	-	-	1	-	-	-	-	-	-	ARROW, TYPE 2
0010	-	-	707+75	STH 96	0'	-	-	-	-	-	-	-	1	-	-	-	-	-	-	ARROW, TYPE 2
0010	-	-	708+40	STH 96	21.5' LT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	708+52	STH 96	21.5' LT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	709+04	STH 96	21.5' RT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	709+16	STH 96	21.5' RT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	710+90	STH 96	21.5' LT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	711+02	STH 96	21.5' LT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	711+41	STH 96	0'	-	-	-	-	-	-	-	1	-	-	-	-	-	-	ARROW, TYPE 2
0010	-	-	711+54	STH 96	21.5' RT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	711+65	STH 96	0'	-	-	-	-	-	-	-	1	-	-	-	-	-	-	ARROW, TYPE 2
0010	-	-	711+66	STH 96	21.5' RT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	713+40	STH 96	21.5' LT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	713+52	STH 96	21.5' LT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	714+04	STH 96	21.5' RT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	714+16	STH 96	21.5' RT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	715+31	STH 96	0'	-	-	-	-	-	-	-	1	-	-	-	-	-	-	ARROW, TYPE 2
0010	-	-	715+55	STH 96	0'	-	-	-	-	-	-	-	1	-	-	-	-	-	-	ARROW, TYPE 2
0010	-	-	715+90	STH 96	21.5' LT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	716+02	STH 96	21.5' LT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	716+54	STH 96	21.5' RT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
					SUBTOTAL	0	0	0	0	0	0	0	30	0	20	0	0	0	0	

3

PAVEMENT MARKING (CONTINUED)

CATEGORY	STATION	TO	STATION	LOCATION	OFFSET	646.2020 MARKING LINE EPOXY 6-INCH (DOUBLE YELLOW) LF	646.2040 MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW) LF	646.2040 (DOUBLE YELLOW) LF	646.2040 (DASHED YELLOW) (12.5' LINE/37.5' GAP) LF	646.2040 (WHITE) LF	646.2040 (DASHED WHITE) (3' LINE/9' GAP) LF	646.4040 MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE) LF	646.5020 MARKING ARROW EPOXY (WHITE) EACH	646.5120 MARKING WORD EPOXY (WHITE) EACH	646.5220 MARKING SYMBOL EPOXY (WHITE) EACH	646.6120 MARKING STOP LINE EPOXY 18-INCH (WHITE) LF	646.6466 COLD WEATHER MARKING EPOXY 6-INCH LF	646.6470 COLD WEATHER MARKING EPOXY 10-INCH LF	646.7120 MARKING DIAGONAL EPOXY 12-INCH (YELLOW) LF	REMARKS
0010	-	-	716+66	STH 96	21.5' RT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	718+40	STH 96	21.5' LT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	718+52	STH 96	21.5' LT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	719+04	STH 96	21.5' RT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	719+16	STH 96	21.5' RT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	719+21	STH 96	0'	-	-	-	-	-	-	-	1	-	-	-	-	-	-	ARROW, TYPE 2
0010	-	-	719+45	STH 96	0'	-	-	-	-	-	-	-	1	-	-	-	-	-	-	ARROW, TYPE 2
0010	719+92	-	720+92	STH 96	RT/LT	-	-	200	-	-	-	-	-	-	-	-	-	-	-	SOLID DOUBLE CENTERLINE TAPER
0010	719+92	-	721+92	STH 96	6.5' LT	-	-	400	-	-	-	-	-	-	-	-	-	-	-	SOLID DOUBLE CENTERLINE
0010	-	-	720+90	STH 96	21.5' LT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	720+92	-	721+92	STH 96	7' RT	-	-	-	-	-	-	100	-	-	-	-	-	-	-	LT TURN SOLID CHANNELIZING LANE LINE
0010	720+92	-	721+92	STH 96	5' LT	-	100	-	-	-	-	-	-	-	-	-	-	-	-	SOLID SINGLE CENTERLINE
0010	-	-	721+02	STH 96	21.5' LT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	721+16	STH 96	1' RT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	ARROW, TYPE 2
0010	-	-	721+54	STH 96	21.5' RT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	721+66	STH 96	21.5' RT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	721+68	STH 96	1' RT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	ARROW, TYPE 2
0010	722+79	-	727+27	STH 96	19' RT	-	-	-	-	448	-	-	-	-	-	-	-	-	-	SOLID SOUTH EDGE LINE
0010	722+81	-	725+77	STH 96	7' RT	-	296	-	-	-	-	-	-	-	-	-	-	-	-	SOLID SINGLE CENTERLINE
0010	722+81	-	725+77	STH 96	6' RT	-	-	-	63	-	-	-	-	-	-	-	-	-	-	DASHED CENTERLINE
0010	722+81	-	725+77	STH 96	6' RT	-	-	-	63	-	-	-	-	-	-	-	-	-	-	DASHED CENTERLINE
0010	722+81	-	725+77	STH 96	6' LT	-	-	-	63	-	-	-	-	-	-	-	-	-	-	DASHED CENTERLINE
0010	722+81	-	725+77	STH 96	7' LT	-	296	-	-	-	-	-	-	-	-	-	-	-	-	SOLID SINGLE CENTERLINE
0010	723+05	-	730+29	STH 96	19' LT	-	-	-	-	724	-	-	-	-	-	-	-	-	-	SOLID NORTH EDGE LINE
0010	-	-	723+29	STH 96	21.5' RT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	723+41	STH 96	21.5' RT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	724+14	STH 96	21.5' LT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	724+26	STH 96	21.5' LT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	724+28	STH 96	0'	-	-	-	-	-	-	-	1	-	-	-	-	-	-	ARROW, TYPE 2
0010	-	-	724+52	STH 96	0'	-	-	-	-	-	-	-	1	-	-	-	-	-	-	ARROW, TYPE 2
0010	-	-	725+14	STH 96	21.5' RT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	725+26	STH 96	21.5' RT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	725+77	-	727+27	STH 96	7' RT	-	-	300	-	-	-	-	-	-	-	-	-	-	-	SOLID DOUBLE CENTERLINE
0010	725+77	-	729+07	STH 96	LT	-	-	660	-	-	-	-	-	-	-	-	-	-	-	SOLID DOUBLE CENTERLINE TAPER
0010	725+95	-	726+06	STH 96	RT/LT	-	-	-	-	-	-	-	-	-	-	-	-	-	16	MEDIAN
0010	726+20	-	726+31	STH 96	RT/LT	-	-	-	-	-	-	-	-	-	-	-	-	-	16	MEDIAN
0010	726+45	-	726+55	STH 96	RT/LT	-	-	-	-	-	-	-	-	-	-	-	-	-	15	MEDIAN
0010	-	-	726+64	STH 96	21.5' LT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	726+70	STH 96	RT/LT	-	-	-	-	-	-	-	-	-	-	-	-	-	14	MEDIAN
0010	-	-	726+76	STH 96	21.5' LT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	-	-	727+20	STH 96	RT/LT	-	-	-	-	-	-	-	-	-	-	-	-	-	14	MEDIAN
0010	726+99	-	727+22	STH 96	21.5' RT	-	-	-	-	-	-	-	-	3	-	-	-	-	-	"BIKE LANE ENDS"
0010	727+20	-	727+53	STH 96	RT/LT	-	-	-	-	-	-	-	-	-	-	-	-	-	13	MEDIAN
0010	727+27	-	729+07	STH 96	RT	-	-	360	-	-	-	-	-	-	-	-	-	-	-	SOLID DOUBLE CENTERLINE TAPER
0010	727+39	-	730+64	STH 96	RT	-	-	-	-	325	-	-	-	-	-	-	-	-	-	SOLID SOUTH EDGE LINE TAPER
0010	727+45	-	727+53	STH 96	RT/LT	-	-	-	-	-	-	-	-	-	-	-	-	-	11	MEDIAN
0010	727+70	-	727+77	STH 96	RT/LT	-	-	-	-	-	-	-	-	-	-	-	-	-	9	MEDIAN
0010	727+95	-	728+00	STH 96	RT/LT	-	-	-	-	-	-	-	-	-	-	-	-	-	8	MEDIAN
0010	728+20	-	728+24	STH 96	RT/LT	-	-	-	-	-	-	-	-	-	-	-	-	-	6	MEDIAN
0010	728+45	-	728+48	STH 96	RT/LT	-	-	-	-	-	-	-	-	-	-	-	-	-	4	MEDIAN
0010	729+07	-	731+91	STH 96	0'	-	-	568	-	-	-	-	-	-	-	-	-	-	-	SOLID DOUBLE CENTERLINE
					SUBTOTAL	0	692	2,488	126	1,497	0	100	15	3	8	0	0	0	126	

PAVEMENT MARKING (CONTINUED)

CATEGORY	STATION	TO	STATION	LOCATION	OFFSET	646.2020 MARKING LINE EPOXY 6-INCH (DOUBLE YELLOW) LF	646.2040 MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW) LF	646.2040 (DOUBLE YELLOW) LF	646.2040 (DASHED YELLOW) (12.5' LINE/37.5' GAP) LF	646.2040 (WHITE) LF	646.2040 (DASHED WHITE) (3' LINE/9' GAP) LF	646.4040 MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE) LF	646.5020 MARKING ARROW EPOXY (WHITE) EACH	646.5120 MARKING WORD EPOXY (WHITE) EACH	646.5220 MARKING SYMBOL EPOXY (WHITE) EACH	646.6120 MARKING STOP LINE EPOXY 18-INCH (WHITE) LF	646.6466 COLD WEATHER MARKING EPOXY 6-INCH LF	646.6470 COLD WEATHER MARKING EPOXY 10-INCH LF	646.7120 MARKING DIAGONAL EPOXY 12-INCH (YELLOW) LF	REMARKS
0010	-	-	729+14	STH 96	21.5' LT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	BIKE LANE ARROW
0010	-	-	729+26	STH 96	21.5' LT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	BIKE LANE SYMBOL
0010	730+29	-	731+11	STH 96	LT	-	-	-	-	82	-	-	-	-	-	-	-	-	-	SOLID NORTH EDGE LINE TAPER
0010	730+64	-	731+91	STH 96	12' RT	-	-	-	-	127	-	-	-	-	-	-	-	-	-	SOLID SOUTH EDGE LINE
0010	731+11	-	731+70	STH 96	17' LT	-	-	-	-	59	-	-	-	-	-	-	-	-	-	SOLID NORTH EDGE LINE
0010	731+32	-	731+57	STH 96	19.5' LT	-	-	-	-	-	-	-	-	3	-	-	-	-	-	"BIKE LANE ENDS"
0010	0'GRA'+36	-	0'GRA'+67	GRANDVIEW ROAD	0'	62	-	-	-	-	-	-	-	-	-	-	-	-	-	SOLID DOUBLE CENTERLINE
0010	0'GRE'+27	-	0'GRE'+68	GREEN GROVE ROAD	0'	82	-	-	-	-	-	-	-	-	-	-	-	-	-	SOLID DOUBLE CENTERLINE
0010	0'WAS'+36	-	0'WAS'+83	WASHINGTON STREET	0'	94	-	-	-	-	-	-	-	-	-	-	-	-	-	SOLID DOUBLE CENTERLINE
0010	0'WAS'+36	-	0'WAS'+45	WASHINGTON STREET	LT	-	-	-	-	-	-	-	-	-	-	38	-	-	-	STOP BAR
0010	UNDISTRIBUTED			STH 96		-	-	-	-		-	-	-	-	-	-	6,000	50	-	
					SUBTOTAL	238	0	0	0	268	0	0	1	3	1	38	6,000	50	0	
					TOTAL 0010	238			61,572			545	177	9	105	61	6,000	50	159	

CONSTRUCTION STAKING

CATEGORY	STATION	TO	STATION	LOCATION	OFFSET	650.5500 CONSTRUCTION STAKING CURB GUTTER AND CURB & GUTTER LF	650.8000 CONSTRUCTION STAKING RESURFACING REFERENCE LF	650.9000 CONSTRUCTION STAKING CURB RAMPS EACH	650.9500 CONSTRUCTION STAKING SIDEWALK (PROJECT) 01. 4620-02-71 EACH	650.9911 CONSTRUCTION STAKING SUPPLEMENTAL CONTROL (PROJECT) 01. 4620-02-71 EACH	REMARKS
0010	596+62	-	596+83	STH 96	RT	-	-	1	-	-	SW LEONA STREET QUADRANT
0010	596+63	-	597+17	STH 96	LT	-	-	2	-	-	NW LEONA STREET QUADRANT
0010	596+72	-	596+88	STH 96	RT	15	-	-	-	-	SW LEONA STREET QUADRANT
0010	596+72	-	597+20	STH 96	LT	55	-	-	-	-	NW LEONA STREET QUADRANT
0010	596+85	-	729+76	STH 96	LT/RT	-	13,291	-	-	-	
0010	596+93	-	597+03	STH 96	RT	10	-	-	-	-	INLET COVER ADJUSTMENT
0010	597+55	-	597+65	STH 96	LT	20	-	-	-	-	NE LEONA STREET QUADRANT
0010	597+56	-	597+69	STH 96	LT	-	-	1	-	-	NE LEONA STREET QUADRANT
0010	600+95	-	601+05	STH 96	RT	10	-	-	-	-	INLET COVER ADJUSTMENT
0010	619+95	-	620+05	STH 96	RT	10	-	-	-	-	INLET COVER ADJUSTMENT
0010	651+95	-	652+05	STH 96	RT	10	-	-	-	-	INLET COVER ADJUSTMENT
0010	721+59	-	722+11	STH 96	LT	110	-	-	-	-	NW WASHINGTON STREET QUADRANT
0010				PROJECT		-	-	-	1	1	
					TOTAL 0010	240	13,291	4	1	1	

TRANSPORTATION PROJECT PLAT NO: 4620-02-21 - 4.01 - AMENDMENT NO. 1

AMENDS UTILITY NUMBER 500 AND REMOVES UTILITY NUMBER 501 OF TRANSPORTATION PROJECT PLAT 4620-02-21 - 4.01 RECORDED AS DOCUMENT NO. 2337279

THAT PART OF THE LOT 2, CSM 6151, LOT 2, CSM 6785, AND PART OF LOT 1, BLOCK 2, BELL AIR SUBDIVISION ALL BEING IN THE SOUTHWEST QUARTER OF THE FRACTIONAL SOUTHWEST QUARTER, SECTION 19, T21N, R18E, CITY OF APPLETON, ALSO PART OF THE SOUTHWEST QUARTER OF THE FRACTIONAL SOUTHWEST QUARTER SECTION 19, T21N, R18E, TOWN OF GRAND CHUTE, OUTAGAMIE COUNTY, WISCONSIN.

RELOCATION ORDER STH 96 APPLETON - LITTLE CHUTE BALLARD RD. - ADAMS ST. OUTAGAMIE COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION 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 SECTION 84.02 (3), 84.09, AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION 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 DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

UTILITY NUMBER	UTILITY OWNER	INTEREST REQUIRED
500	AT&T	RELEASE OF RIGHTS
502	TOWN OF GRAND CHUTE	RELEASE OF RIGHTS

NOTES:
POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), OUTAGAMIE COUNTY, NAD83 (2011) IN US SURVEY FEET.
VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.
ALL NEW RIGHT-OF-WAY AND PERMANENT EASEMENT MONUMENTS WILL BE TYPE 2 (TYPICALLY 1" X 24" IRON PIPE), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.
FOR THE CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN GREEN BAY.
FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, RECORDED IN THE OFFICE OF THE REGISTER OF DEEDS IN OUTAGAMIE COUNTY AS SHEET 2 OF 2 OF DOCUMENT 2337279.

HWY	BASIS OF EXISTING R/W	YEAR
STH 96 (EAST WISCONSIN AVE)	WISDOT PROJECT T0338(2)	1956
STH 96 (EAST WISCONSIN AVE)	WISDOT PROJECT 4075-17-21	2009
N LEONA ST	BELL AIR SUBDIVISION	1952
N BALLARD RD	WISDOT PROJECT 4075-17-21	2009
N GRANDVIEW RD	GREEN GROVE PLAT	1951
N GREEN GROVE RD	GREEN GROVE PLAT	1951

500 AT&T NO RECORD OF EASEMENT PARCELS 1 & 2

502 TOWN OF GRAND CHUTE SANITARY J10938, I16-18 DOC 996814 PARCEL 4

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 AND INTERESTS TO THE DEPARTMENT.

PARCEL #	OWNER(S)	INTERESTS REQUIRED	FEE R/W S.F. REQUIRED NEW	EXISTING	TOTAL	TLE S.F.	HE S.F.
1	GER VANG + SOUA LEE	FEE, TLE	506	-	506	677	-
2	LUTHERAN SOCIAL SERVICES OF WISCONSIN AND UPPER MICHIGAN, INC.	FEE, TLE	9	-	9	89	-
3	PROVINCE OF ST JOSEPH OF THE CAPUCHIN ORDER OF WISDOM INC.	FEE, TLE	11	-	11	88	-
4	CHRIS J. HARTWIG REVOCABLE TRUST	FEE, TLE	35	-	35	299	-

RW COURSE TABLE			
FROM	TO	BEARING	DISTANCE
101	102	S89° 37' 15"E	33.00'
102	103	S05° 04' 03"E	37.57'
103	104	S37° 15' 45"E	38.94'
104	105	S87° 57' 48"E	34.71'
105	110	N69° 46' 02"E	95.33'
110	137	N66° 02' 54"E	99.80'
137	138	N63° 41' 29"E	20.30'
138	139	N65° 33' 55"E	34.93'
139	140	N00° 42' 49"E	55.57'
140	141	S89° 17' 11"E	60.00'
141	112	S00° 42' 49"W	25.41'
112	133	S24° 26' 05"E	6.36'
133	116	N65° 59' 39"E	150.36'
116	117	S00° 42' 47"W	7.16'
117	118	N65° 59' 39"E	866.82'
118	135	S24° 00' 21"E	26.50'
135	119	S24° 00' 21"E	26.50'
119	120	S65° 59' 39"W	209.71'
120	121	S65° 59' 39"W	87.77'
121	122	S65° 59' 39"W	779.83'
122	124	S24° 00' 37"E	10.50'
124	125	S65° 59' 39"W	44.56'
125	126	S81° 43' 50"W	3.69'
126	127	S65° 59' 39"W	209.97'
127	128	S73° 40' 37"W	53.07'
128	129	S78° 02' 08"W	40.89'
129	130	S89° 44' 01"W	33.00'
130	134	N00° 16' 05"W	6.32'
134	100	N00° 22' 45"E	31.51'
100	101	N00° 22' 45"E	128.76'

FOUND MONUMENT TABLE			
POINT NO.	MON TYPE	Y COORDS	X COORDS
5000	CHISELED CROSS	566301.254	835721.250
5001	3/4" IRON REBAR	566300.697	835780.641
5002	3/4" IRON REBAR	566309.328	835820.934
5003	3/4" IRON REBAR	566324.263	835871.623
5004	3/4" IRON REBAR	566351.428	835933.525
5005	3/4" IRON REBAR	566412.531	836079.517
5006	3/4" IRON REBAR	566507.531	836275.979
5007	1" IRON PIPE	566466.869	836185.261
5008	3/4" IRON REBAR	566560.756	836396.100
5009	1-1/2" IRON PIPE	566710.235	836836.770
5011	3/4" IRON REBAR	566783.116	836896.200
5012	3/4" IRON REBAR	566832.343	837005.559
5013	1" IRON PIPE	566870.353	837090.201
5014	1" IRON PIPE	566831.048	837108.648
5029	1" IRON PIPE	566670.510	836135.694
5030	2" IRON PIPE	566516.045	836133.333
5031	1" IRON PIPE	566578.625	836274.183
5032	3/4" IRON REBAR	566590.122	836299.423
5033	MAGNETIC SPIKE	566429.716	835785.086
5034	3/4" IRON REBAR	566431.055	835933.419
5035	CHISELED CROSS	566489.153	836073.698
5036	CHISELED CROSS	566427.479	835933.460
5037	CHISELED CROSS	566426.861	835932.731
5038	1" IRON PIPE	566619.389	836075.112
5346	1" IRON PIPE	566448.780	835715.206

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

STATION & OFFSET TABLE		
POINT	STATION	OFFSET
100	24+03.26	0.00' RT
101	24+26.40	127.04' LT
102	24+65.42	120.23' LT
103	24+59.49	83.00' LT
104	24+76.88	47.41' LT
105	25+12.07	37.00' LT
110	26+12.06	36.07' LT
112	28+34.18	39.36' LT
116	29+84.59	33.00' LT
117	29+81.59	26.50' LT
118	38+48.42	26.50' LT
119	38+48.42	26.50' RT
120	36+38.71	26.50' RT
121	35+50.94	26.50' RT
122	27+71.11	26.50' RT

STATION & OFFSET TABLE		
POINT	STATION	OFFSET
124	27+71.11	37.00' RT
125	27+26.55	37.00' RT
126	27+23.00	36.00' RT
127	25+17.68	41.26' RT
128	24+67.53	42.24' RT
129	24+28.91	42.42' RT
130	23+98.01	37.45' RT
133	28+34.23	33.00' LT
134	23+98.80	31.18' RT
135	38+48.42	0.00' RT
137	27+11.86	35.98' LT
138	27+32.14	36.80' LT
139	27+67.07	37.06' LT
140	27+90.31	87.53' LT
141	28+44.81	62.44' LT

TLE STATION & OFFSET TABLE		
POINT	STATION	OFFSET
T108	27+32.04	50.80' LT
T109	27+73.54	51.11' LT
T113	28+36.78	45.00' LT
T114	28+42.14	45.00' LT
T115	28+42.23	33.00' LT
T131	27+71.11	45.00' RT
T132	27+23.00	45.00' RT

LINE TABLE		
LINE #	LENGTH	DIRECTION
L1	1133.51'	N00°16'05"W
L2	1139.83'	N00°16'05"W

CURVE A
R/L STH 96
CURVE DATA:
PI: 24+57.50
Y: 566332.910
X: 835802.362
Δ: 23°25'58" LT
D: 07°59'35"
L:293.17'
T: 148.66'
R: 716.82'
PC: 23+08.84
PT: 26+02.01

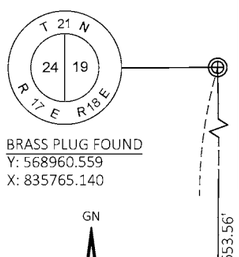
SUB CURVE 1
STA 23+08.84 TO 24+03.26
L: 94.42'
R: 716.82'
LCH: 94.35'
LCB: N85°39'12"E

SUB CURVE 2
STA 24+03.26 TO 26+02.01
L: 198.75'
R: 716.82'
LCH: 198.10'
LCB: N73°56'14"E

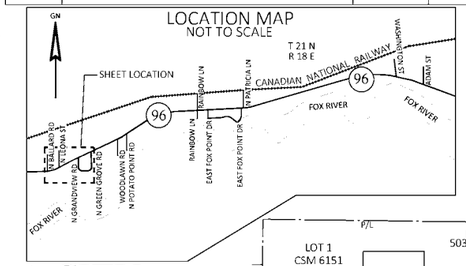
Document #: 2349156
Date: 10-10-2025 Time: 2:39 PM
Pages: 1 Fee: $30.00
County: OUTAGAMIE COUNTY State: WI

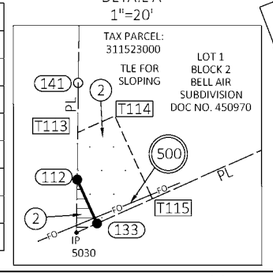
SARAH R VAN CAMP, REGISTER OF DEEDS
This document has been electronically recorded
Return to:
WisDOT - NE Region - Green Bay - PO#39500-000005

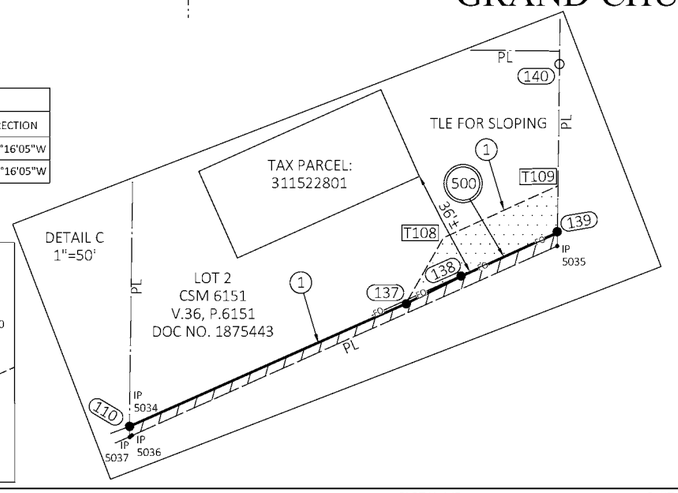
RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER: 4620-02-21-4.01
AMENDMENT NO. 1
SHEET NO: 1 OF 1

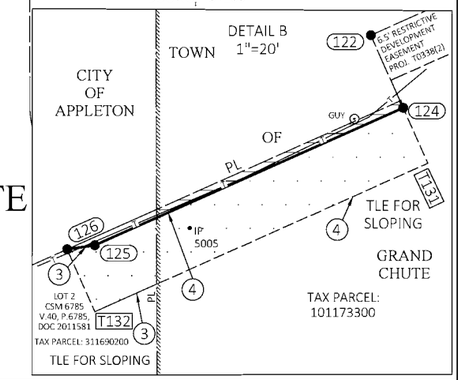


BRASS PLUG FOUND
Y: 568960.559
X: 835765.140









raSmith
CREATIVITY BEYOND ENGINEERING
100 West Lawrence Street, Suite 402
Appleton, WI 54911-5754
(920) 733-3499
rasmith.com

I, DAVID A. YURK 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.

SIGNATURE: David A. Yurk DATE: 10-1-2025
PRINT NAME: DAVID A. YURK
REGISTRATION NUMBER: S-2648

WISCONSIN DAVID A. YURK S-2648 OSHKOSH WI LAND SURVEYOR

THIS PLAT & RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION - GREEN BAY OFFICE.
SIGNATURE: DATE 10-10-2025
PRINT NAME: TREVIN PETERS

FILE NAME : S:\S168891\V ASSIGNMENT 2 - STH 96 EX RW SURVEY\DWG\TPP-TITLE-4.04.DWG
APPRAISAL PLAT DATE : 10-1-2025
PLOT DATE : 10/2/2025 2:14 PM
PLOT BY : YURK, DAVID
PLOT NAME :
PLOT SCALE : 1 IN: 100FT

4620-02-21 - 4.01 - A1

TRANSPORTATION PROJECT PLAT NO: 4620-02-21 - 4.01

THAT PART OF THE LOT 2, CSM 6151, LOT 2, CSM 6785, AND PART OF LOT 1, BLOCK 2, BELL AIR SUBDIVISION ALL BEING IN THE SOUTHWEST QUARTER OF THE FRACTIONAL SOUTHWEST QUARTER, SECTION 19, T21N, R18E, CITY OF APPLETON, ALSO PART OF THE SOUTHWEST QUARTER OF THE FRACTIONAL SOUTHWEST QUARTER SECTION 19, T21N, R18E, TOWN OF GRAND CHUTE, OUTAGAMIE COUNTY, WISCONSIN.

RELOCATION ORDER STH 96 APPLETON - LITTLE CHUTE BALLARD RD. - ADAMS ST. OUTAGAMIE COUNTY

UTILITY NUMBER	UTILITY OWNER	INTEREST REQUIRED
500	AT&T	RELEASE OF RIGHTS
501	TDS	RELEASE OF RIGHTS
502	TOWN OF GRAND CHUTE	RELEASE OF RIGHTS

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION 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 SECTION 84.02 (3), 84.09, AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION 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 DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

NOTES:
POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), OUTAGAMIE COUNTY, NAD83 (2011) IN US SURVEY FEET.
VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.
ALL NEW RIGHT-OF-WAY AND PERMANENT EASEMENT MONUMENTS WILL BE TYPE 2 (TYPICALLY 1" X 24" IRON PIPE), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.
FOR THE CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN GREEN BAY.
FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 2.

HWY	BASIS OF EXISTING R/W	YEAR
STH 96 (EAST WISCONSIN AVE)	WISDOT PROJECT T0338(2)	1956
STH 96 (EAST WISCONSIN AVE)	WISDOT PROJECT 4075-17-21	2009
N LEONA ST	BELL AIR SUBDIVISION	1952
N BALLARD RD	WISDOT PROJECT 4075-17-21	2009
N GRANDVIEW RD	GREEN GROVE PLAT	1951
N GREEN GROVE RD	GREEN GROVE PLAT	1951

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 AND INTERESTS TO THE DEPARTMENT.

PARCEL #	OWNER(S)	INTERESTS REQUIRED	FEE R/W S.F. REQUIRED NEW	EXISTING	TOTAL	TLE S.F.	HE S.F.
1	GER VANG + SOUA LEE	FEE, TLE	506	-	506	677	-
2	LUTHERAN SOCIAL SERVICES OF WISCONSIN AND UPPER MICHIGAN, INC.	FEE, TLE	9	-	9	89	-
3	PROVINCE OF ST JOSEPH OF THE CAPUCHIN ORDER OF WISDOM INC.	FEE, TLE	11	-	11	88	-
4	CHRIS J. HARTWIG REVOCABLE TRUST	FEE, TLE	35	-	35	299	-

500 AT&T
NO RECORD OF EASEMENT
PARCEL 1

500 AT&T
J3518, I 13-14,
DOC 816437
PARCEL 3
J3517, I 35-36
DOC 816425
PARCEL 4

502 TOWN OF GRAND CHUTE SANITARY
J10938, I16-18
DOC 996814
PARCEL 4

501 TDS
NO RECORD OF EASEMENT
PARCELS 3 & 4

RW COURSE TABLE			
FROM	TO	BEARING	DISTANCE
101	102	S89° 37' 15"E	33.00'
102	103	S05° 04' 03"E	37.57'
103	104	S37° 15' 45"E	38.94'
104	105	S87° 57' 48"E	34.71'
105	110	N69° 46' 02"E	95.33'
110	137	N66° 02' 54"E	99.80'
137	138	N63° 41' 29"E	20.30'
138	139	N65° 33' 55"E	34.93'
139	140	N00° 42' 49"E	55.57'
140	141	S89° 17' 11"E	60.00'
141	112	S00° 42' 49"W	25.41'
112	133	S24° 26' 05"E	6.36'
133	116	N65° 59' 39"E	150.36'
116	117	S00° 42' 47"W	7.16'
117	118	N65° 59' 39"E	866.82'
118	135	S24° 00' 21"E	26.50'
135	119	S24° 00' 21"E	26.50'
119	120	S65° 59' 39"W	209.71'
120	121	S65° 59' 39"W	87.77'
121	122	S65° 59' 39"W	779.83'
122	124	S24° 00' 37"E	10.50'
124	125	S65° 59' 39"W	44.56'
125	126	S81° 43' 50"W	3.69'
126	127	S65° 59' 39"W	209.97'
127	128	S73° 40' 37"W	53.07'
128	129	S78° 02' 08"W	40.89'
129	130	S89° 44' 01"W	33.00'
130	134	N00° 16' 05"W	6.32'
134	100	N00° 22' 45"E	31.51'
100	101	N00° 22' 45"E	128.76'

FOUND MONUMENT TABLE

POINT NO.	MON TYPE	Y COORDS	X COORDS
5000	CHISELED CROSS	566301.254	835721.250
5001	3/4" IRON REBAR	566300.697	835780.641
5002	3/4" IRON REBAR	566309.328	835820.934
5003	3/4" IRON REBAR	566324.263	835871.623
5004	3/4" IRON REBAR	566351.428	835933.525
5005	3/4" IRON REBAR	566412.531	836079.517
5006	3/4" IRON REBAR	566507.531	836275.979
5007	1" IRON PIPE	566466.869	836185.261
5008	3/4" IRON REBAR	566560.756	836396.100
5009	1-1/2" IRON PIPE	566710.235	836836.770
5011	3/4" IRON REBAR	566783.116	836896.200
5012	3/4" IRON REBAR	566832.343	837005.559
5013	1" IRON PIPE	566870.353	837090.201
5014	1" IRON PIPE	566831.048	837108.648
5029	1" IRON PIPE	566670.510	836135.694
5030	2" IRON PIPE	566516.045	836133.333
5031	1" IRON PIPE	566578.625	836274.183
5032	3/4" IRON REBAR	566590.122	836299.423
5033	MAGNETIC SPIKE	566429.716	835785.086
5034	3/4" IRON REBAR	566431.055	835933.419
5035	CHISELED CROSS	566489.153	836073.698
5036	CHISELED CROSS	566427.479	835933.460
5037	CHISELED CROSS	566426.861	835932.731
5038	1" IRON PIPE	566619.389	836075.112
5346	1" IRON PIPE	566448.780	835715.206

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

CURVE A
R/L STH 96
CURVE DATA:
PI: 24+57.50
Y: 566332.910
X: 835802.362
Δ: 23°25'58" LT
D: 07°59'35"
L:293.17'
T: 148.66'
R: 716.82'
PC: 23+08.84
PT: 26+02.01

SUB CURVE 1
STA 23+08.84 TO 24+03.26
L: 94.42'
R: 716.82'
LCH: 94.35'
LCB: N85°39'12"E

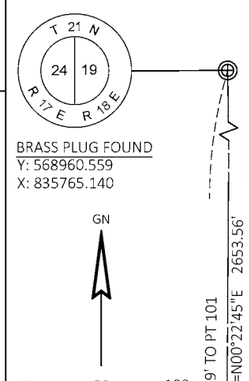
SUB CURVE 2
STA 24+03.26 TO 26+02.01
L: 198.75'
R: 716.82'
LCH: 198.10'
LCB: N73°56'14"E

STATION & OFFSET TABLE		
POINT	STATION	OFFSET
100	24+03.26	0.00' RT
101	24+26.40	127.04' LT
102	24+65.42	120.23' LT
103	24+59.49	83.00' LT
104	24+76.88	47.41' LT
105	25+12.07	37.00' LT
110	26+12.06	36.07' LT
112	28+34.18	39.36' LT
116	29+84.59	33.00' LT
117	29+81.59	26.50' LT
118	38+48.42	26.50' LT
119	38+48.42	26.50' RT
120	36+38.71	26.50' RT
121	35+50.94	26.50' RT
122	27+71.11	26.50' RT

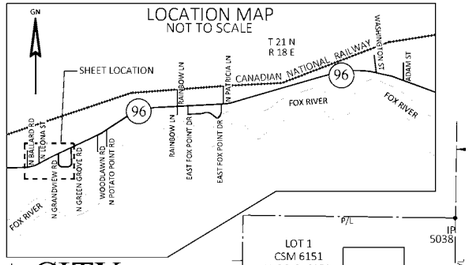
STATION & OFFSET TABLE		
POINT	STATION	OFFSET
124	27+71.11	37.00' RT
125	27+26.55	37.00' RT
126	27+23.00	36.00' RT
127	25+17.68	41.26' RT
128	24+67.53	42.24' RT
129	24+28.91	42.42' RT
130	23+98.01	37.45' RT
133	28+34.23	33.00' LT
134	23+98.80	31.18' RT
135	38+48.42	0.00' RT
137	27+11.86	35.98' LT
138	27+32.14	36.80' LT
139	27+67.07	37.06' LT
140	27+90.31	87.53' LT
141	28+44.81	62.44' LT

TLE STATION & OFFSET TABLE		
POINT	STATION	OFFSET
T108	27+32.04	50.80' LT
T109	27+73.54	51.11' LT
T113	28+36.78	45.00' LT
T114	28+42.14	45.00' LT
T115	28+42.23	33.00' LT
T131	27+71.11	45.00' RT
T132	27+23.00	45.00' RT

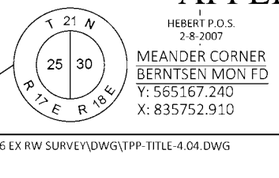
LINE TABLE		
LINE #	LENGTH	DIRECTION
L1	1133.51'	N00°16'05"W
L2	1139.83'	N00°16'05"W



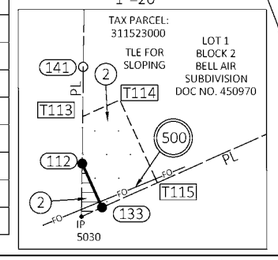
BRASS PLUG FOUND
Y: 568960.559
X: 835765.140

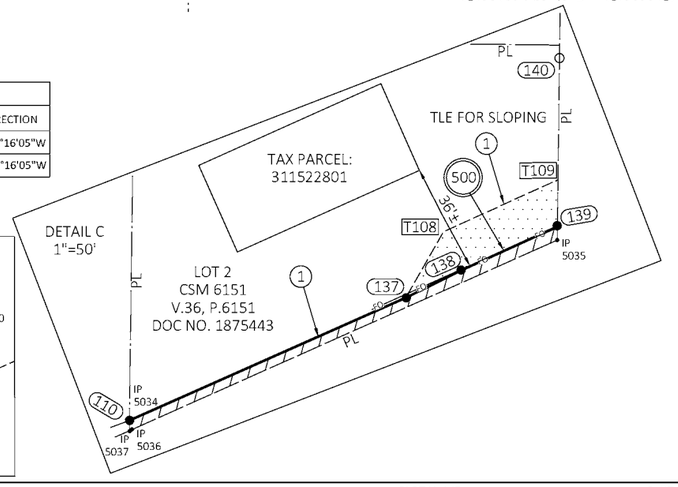


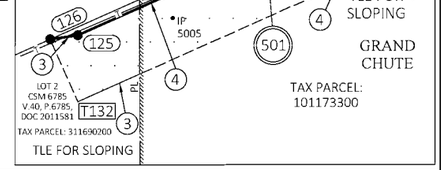
BRASS PLUG FOUND
Y: 566307.060
X: 835747.580



MEANDER CORNER
BERNTSEN MON FD
Y: 565167.240
X: 835752.910







Document #: 2337279
Date: 05-05-2025 Time: 3:20 PM
Pages: 2 Fee: $25.00
County: OUTAGAMIE COUNTY State: WI
SARAH R VAN CAMP, REGISTER OF DEEDS
This document has been electronically recorded
Return to:
WisDOT - NE Region - Green Bay - PO#39500-000002

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER: 4620-02-21-4.01
SHEET NO: 1 OF 2

raSmith
CREATIVITY BEYOND ENGINEERING
100 West Lawrence Street, Suite 4-2
Appleton, WI 54911-5754
(920) 731-3499
rasmith.com

I, DAVID A. YURK 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 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 DAVID A. YURK S-2648 OSHKOSH WI LAND SURVEYOR

SIGNATURE: David A. Yurk DATE: 5-5-2025
PRINT NAME: DAVID A. YURK
REGISTRATION NUMBER: S-2648

THIS PLAT & RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION - GREEN BAY OFFICE.
SIGNATURE: DATE: 5-5-2025
PRINT NAME: TREVIN PETERS

FILE NAME : S:\S168891\VV ASSIGNMENT 2 - STH 96 EX RW SURVEY\DWG\TPP-TITLE-4.04.DWG
PLOT DATE : 5/5/2025 11:38 AM PLOT BY : SCHULZ, ANNA PLOT NAME : PLOT SCALE : 1 IN: 100FT
APPRAISAL PLAT DATE : 5-5-2025

4620-02-21 - 4.01



STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
TRANSPORTATION PROJECT PLAT TITLE SHEET
4620-02-21
APPLETON - LITTLE CHUTE
BALLARD RD. - ADAMS ST.
STH 96
OUTAGAMIE COUNTY

CONVENTIONAL SYMBOLS

SECTION LINE
QUARTER LINE
SIXTEENTH LINE
NEW REFERENCE LINE
NEW R/W LINE
EXISTING R/W LINE
PROPERTY LINE
LOT, TIE, AND OTHER MINOR LINES
EXISTING CENTERLINE
CORPORATE LIMITS
NEW R/W (FEE OR HE) (HATCHING VARIES BY OWNER)
TEMPORARY LIMITED EASEMENT AREA
EASEMENT AREA (PERMANENT LIMITED OR RESTRICTED DEVELOPMENT)

SECTION CORNER SYMBOL (18, 23, 24, 26, 25, 9)
SECTION CORNER MONUMENT
GEODETIC SURVEY MONUMENT
SIGN
PERMITTED SIGN (#1-25)

R/W MONUMENT
NON-MONUMENTED R/W POINT
FOUND IRON PIN (SEE FOUND MONUMENT TABLE) IP

	COMPENSABLE	NON-COMPENSABLE
ELECTRIC POLE	■	⌐
TELEPHONE POLE	●	⌀
PEDESTAL (LABEL TYPE) (TV, TEL, ELEC, ETC.)	⊠	⌑

BUILDING B TO BE REMOVED B

ACCESS RESTRICTED BY ACQUISITION
NO ACCESS (BY STATUTORY AUTHORITY)
ACCESS RESTRICTED (BY PREVIOUS PROJECT OR CONTROL)
NO ACCESS (NEW HIGHWAY)

BRIDGE CULVERT

PARCEL NUMBER 25 UTILITY NUMBER 40

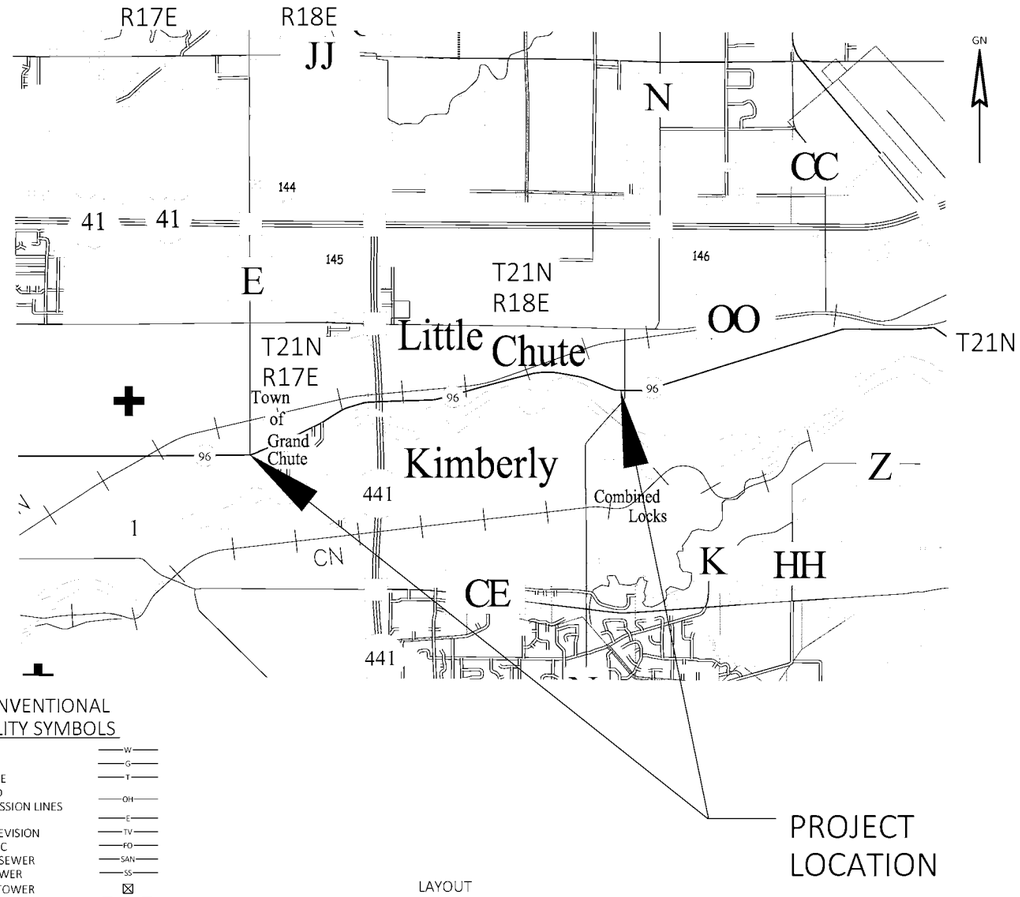
PARALLEL OFFSETS

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	TRANSPORTATION PROJECT PLAT	TPP
EXISTING	EX	UNITED STATES HIGHWAY	USH
GAS VALVE	GV	VOLUME	V
GRID NORTH	GN		
HIGHWAY EASEMENT	HE		
IDENTIFICATION	ID		
LAND CONTRACT	LC		
LEFT	LT		
MONUMENT	MON		
NATIONAL GEODETIC SURVEY NUMBER	NGS 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 ABBREVIATIONS

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

WATER —W—
GAS —G—
TELEPHONE —T—
OVERHEAD TRANSMISSION LINES —OH—
ELECTRIC —E—
CABLE TELEVISION —TV—
FIBER OPTIC —FO—
SANITARY SEWER —SAN—
STORM SEWER —SS—
ELECTRIC TOWER ⊠
TRANSMISSION STRUCTURES ⊠—⊠

	COMPENSABLE	NON-COMPENSABLE
ELECTRIC POLE	■	⌐
TELEPHONE POLE	●	⌀
PEDESTAL (LABEL TYPE) (TV, TEL, ELEC, ETC.)	⊠	⌑

LAYOUT
SCALE 0 0.5 MI.

THE NOTES,CONVENTIONAL SIGNS, AND ABBREVIATIONS ARE ASSOCIATED WITH EACH TRANSPORTATION PROJECT PLAT FOR PROJECT 4620-02-21

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), OUTAGAMIE 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 AND PERMANENT EASEMENT MONUMENTS WILL BE TYPE 2 (TYPICALLY 1" X 24" IRON PIPE), 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 WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN GREEN BAY.

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.

PROJECT NUMBER 4620-02-21 -4.01
SHEET 2 OF 2
AMENDMENT NO:

148

FILE NAME : S:\5168891\JV ASSIGNMENT 2 - STH 96 EX RW SURVEY\DWG\TPP-TITLE-4.04.DWG
LAYOUT NAME: TPP Title 34x22
PLOT DATE : 5/5/2025 11:38 AM PLOT BY : SCHULZ, ANNA PLOT NAME : _____

TRANSPORTATION PROJECT PLAT NO: 4620-02-21 - 4.02

THAT PART OF LOT 1, CSM 7645 BEING IN AND INCLUDING PART OF GOVERNMENT LOT 4, SECTION 21, T21N, R18E, VILLAGE OF LITTLE CHUTE, OUTAGAMIE COUNTY, WISCONSIN

RELOCATION ORDER STH 96 APPLETON - LITTLE CHUTE BALLARD RD. - ADAMS ST. OUTAGAMIE COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION 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 SECTION 84.02 (3), 84.09, AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION 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 DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

NOTES:
POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), OUTAGAMIE COUNTY, NAD83 (2011) IN US SURVEY FEET.
VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.
ALL NEW RIGHT-OF-WAY AND PERMANENT EASEMENT MONUMENTS WILL BE TYPE 2 (TYPICALLY 1" X 24" IRON PIPE), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.
FOR THE CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN GREEN BAY.
FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 2 OF DOC# 2337279.

FOUND MONUMENT TABLE			
POINT NO.	MON TYPE	Y COORDS	X COORDS
5154	3/4" IRON REBAR	569539.786	847629.000
5155	3/4" IRON REBAR	569540.831	847674.092
5156	3/4" IRON REBAR	569538.275	847718.864
5177	MAG NAIL	569688.164	848085.835
5180	3/4" IRON REBAR	569659.463	847995.395
5181	MAG NAIL	569693.595	847593.166
5182	3/4" IRON REBAR	569558.864	846656.241

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

HWY	BASIS OF EXISTING R/W	YEAR
STH 96 (WEST MAIN ST)	WISDOT PROJECT T0338(2)	1956
STH 96 (WEST MAIN ST)	QCD DOC# 2273126 - WISDOT TO OUTAGAMIE CO.	2022
WASHINGTON ST	CSM 7619 & CSM 8450	2018 & 2023

STATION & OFFSET TABLE		
POINT	STATION	OFFSET
802	139+38.12	108.61' LT
803	139+28.82	75.00' LT
804	140+58.90	75.00' LT
806	140+58.90	75.00' RT
807	138+87.32	75.00' RT
808	138+90.09	65.00' RT
900	152+52.17	75.00' LT
901	153+33.90	118.51' LT
902	153+71.09	119.02' LT
903	153+71.54	0.00' LT
904	153+71.84	75.00' RT

STATION & OFFSET TABLE		
POINT	STATION	OFFSET
905	149+44.00	75.00' RT
906	148+95.00	80.00' RT
907	147+94.43	86.00' RT
908	146+91.41	84.00' RT
909	145+94.98	75.00' RT
910	141+98.79	75.00' RT
911	141+89.64	101.00' RT
912	141+70.08	94.45' RT
913	141+77.08	75.00' RT
914	139+08.07	0.00' RT

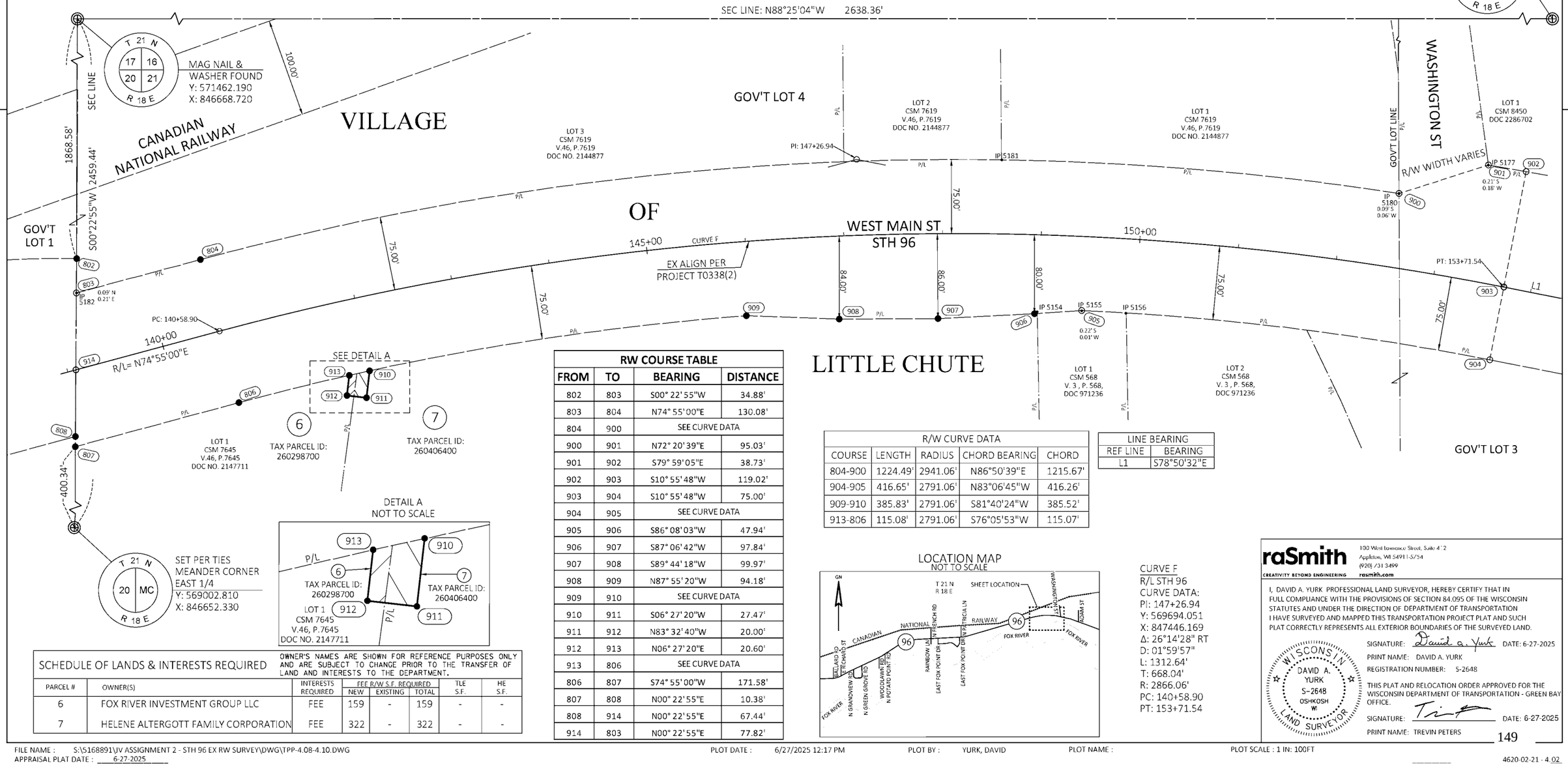
GN
0 50 100
SCALE, FEET

Document #: **2341170**
Date: **06-27-2025** Time: **12:54 PM**
Pages: **1** Fee: **$25.00**
County: **OUTAGAMIE COUNTY** State: **WI**

SARAH R VAN CAMP, REGISTER OF DEEDS
This document has been electronically recorded
Return to:
WisDOT - NE Region - Green Bay - PO#39500-000005

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER: 4620-02-21 - 4.02

MAG NAIL & WASHER FOUND
Y: 571389.340
X: 849306.070
T 21 N, 16, 21, R 18 E



RW COURSE TABLE			
FROM	TO	BEARING	DISTANCE
802	803	S00° 22' 55"W	34.88'
803	804	N74° 55' 00"E	130.08'
804	900	SEE CURVE DATA	
900	901	N72° 20' 39"E	95.03'
901	902	S79° 59' 05"E	38.73'
902	903	S10° 55' 48"W	119.02'
903	904	S10° 55' 48"W	75.00'
904	905	SEE CURVE DATA	
905	906	S86° 08' 03"W	47.94'
906	907	S87° 06' 42"W	97.84'
907	908	S89° 44' 18"W	99.97'
908	909	N87° 55' 20"W	94.18'
909	910	SEE CURVE DATA	
910	911	S06° 27' 20"W	27.47'
911	912	N83° 32' 40"W	20.00'
912	913	N06° 27' 20"E	20.60'
913	806	SEE CURVE DATA	
806	807	S74° 55' 00"W	171.58'
807	808	N00° 22' 55"E	10.38'
808	914	N00° 22' 55"E	67.44'
914	803	N00° 22' 55"E	77.82'

R/W CURVE DATA				
COURSE	LENGTH	RADIUS	CHORD BEARING	CHORD
804-900	1224.49'	2941.06'	N86°50'39"E	1215.67'
904-905	416.65'	2791.06'	N83°06'45"W	416.26'
909-910	385.83'	2791.06'	S81°40'24"W	385.52'
913-806	115.08'	2791.06'	S76°05'53"W	115.07'

LINE BEARING	
REF LINE	BEARING
L1	S78°50'32"E

LOCATION MAP
NOT TO SCALE

CURVE F
R/L STH 96
CURVE DATA:
PI: 147+26.94
Y: 569694.051
X: 847446.169
Δ: 26°14'28" RT
D: 01°59'57"
L: 1312.64'
T: 668.04'
R: 2866.06'
PC: 140+58.90
PT: 153+71.54

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 AND INTERESTS TO THE DEPARTMENT.					
PARCEL #	OWNER(S)	INTERESTS REQUIRED	FEE R/W S.F. REQUIRED NEW	EXISTING	TOTAL	TLE S.F.	HE S.F.
6	FOX RIVER INVESTMENT GROUP LLC	FEE	159	-	159	-	-
7	HELENE ALTERGOTT FAMILY CORPORATION	FEE	322	-	322	-	-

raSmith
CREATIVITY BEYOND ENGINEERING
100 West Lawrence Street, Suite 4-2
Appleton, WI 54911-5754
(920) 731-3499
rasmith.com

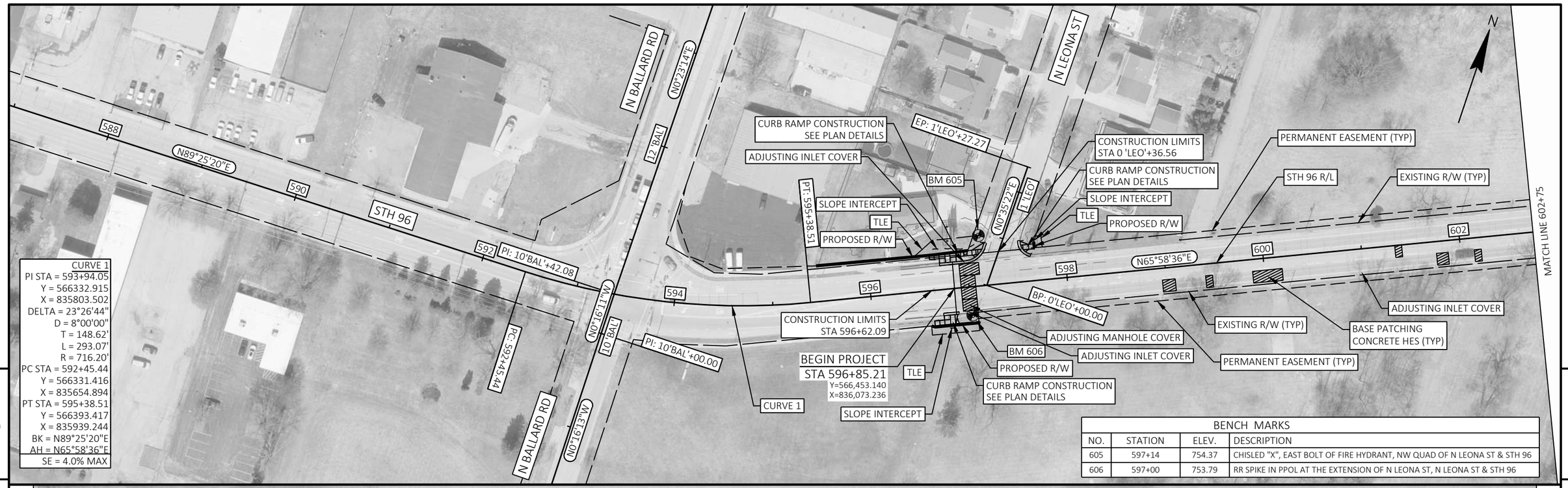
I, DAVID A. YURK PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF DEPARTMENT OF TRANSPORTATION I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL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

SIGNATURE: David A. Yurk DATE: 6-27-2025
PRINT NAME: DAVID A. YURK
REGISTRATION NUMBER: S-2648

WISCONSIN DAVID A. YURK S-2648 OSHKOSH WI LAND SURVEYOR

THIS PLAT AND RELOCATION ORDER APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION - GREEN BAY OFFICE.
SIGNATURE: Trevin Peters DATE: 6-27-2025
PRINT NAME: TREVIN PETERS

FILE NAME : S:\5168891\JV ASSIGNMENT 2 - STH 96 EX RW SURVEY\DWG\TPP-4.08-4.10.DWG
APPRAISAL PLAT DATE : 6-27-2025
PLOT DATE : 6/27/2025 12:17 PM
PLOT BY : YURK, DAVID
PLOT NAME :
PLOT SCALE : 1 IN: 100FT

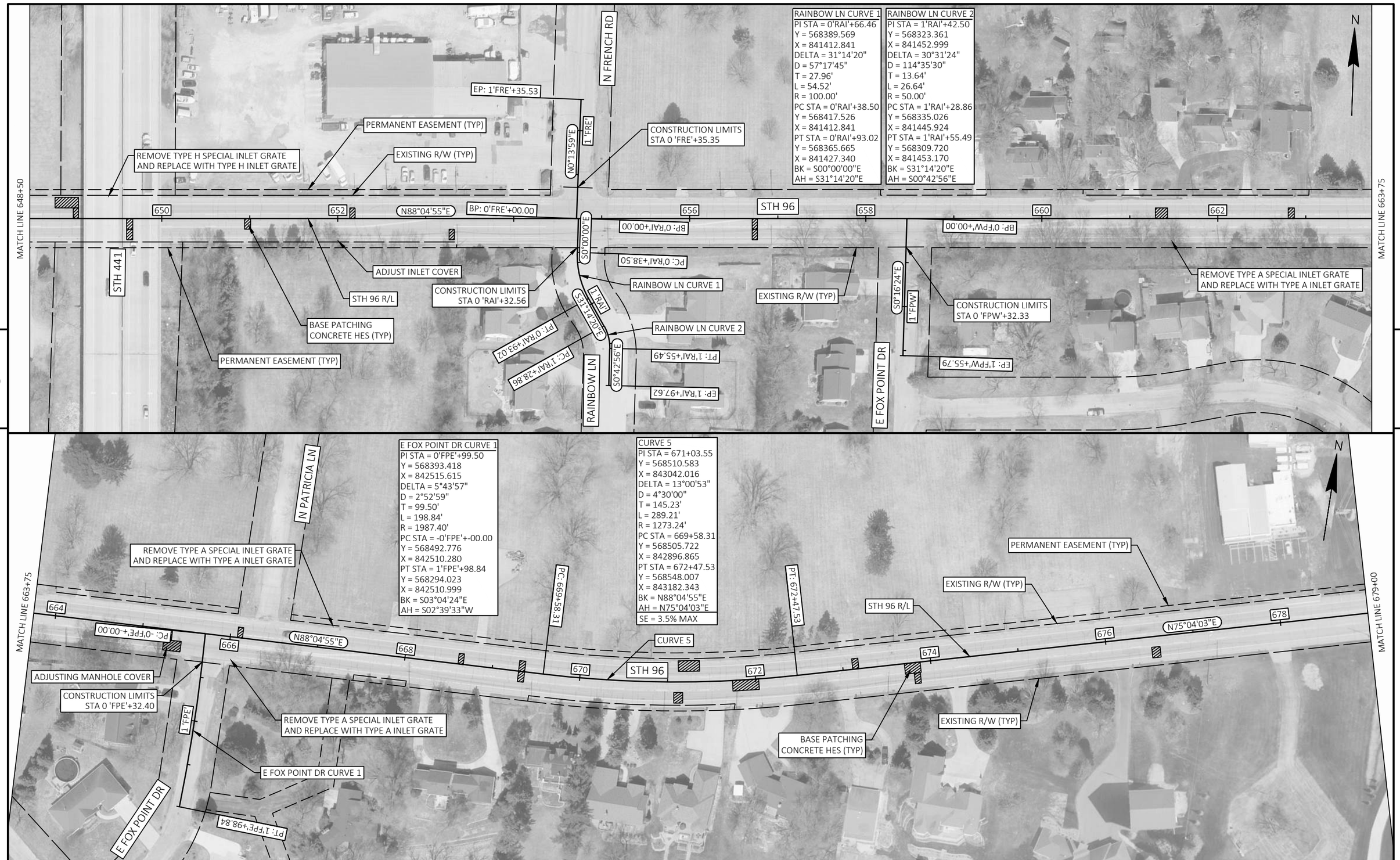

N
N BALLARD RD
N0°23'14"E
N LEONA ST
588
590
592
594
596
598
600
602
STH 96
N89°25'20"E
N65°58'36"E
PI: 10'BAL'+42.08
PC: 592+45.44
PI: 10'BAL'+00.00
N0°16'11"W
10'BAL
N0°16'13"W
CURVE 1
PI STA = 593+94.05
Y = 566332.915
X = 835803.502
DELTA = 23°26'44"
D = 8°00'00"
T = 148.62'
L = 293.07'
R = 716.20'
PC STA = 592+45.44
Y = 566331.416
X = 835654.894
PT STA = 595+38.51
Y = 566393.417
X = 835939.244
BK = N89°25'20"E
AH = N65°58'36"E
SE = 4.0% MAX
CURB RAMP CONSTRUCTION SEE PLAN DETAILS
ADJUSTING INLET COVER
SLOPE INTERCEPT
TLE
PROPOSED R/W
BM 605
PT: 595+38.51
EP: 1'LEO'+27.27
N0°35'22"E
1'LEO'
CONSTRUCTION LIMITS STA 0 'LEO'+36.56
PERMANENT EASEMENT (TYP)
STH 96 R/L
EXISTING R/W (TYP)
BP: 0'LEO'+00.00
CONSTRUCTION LIMITS STA 596+62.09
BEGIN PROJECT
STA 596+85.21
Y=566,453.140
X=836,073.236
BM 606
ADJUSTING MANHOLE COVER
BASE PATCHING CONCRETE HES (TYP)
MATCH LINE 602+75
BENCH MARKS
NO. | STATION | ELEV. | DESCRIPTION
605 | 597+14 | 754.37 | CHISLED "X", EAST BOLT OF FIRE HYDRANT, NW QUAD OF N LEONA ST & STH 96
606 | 597+00 | 753.79 | RR SPIKE IN PPOL AT THE EXTENSION OF N LEONA ST, N LEONA ST & STH 96
GRANDVIEW RD CURVE 1
PI STA = 0'GRA'+76.54
Y = 566727.803
X = 836864.867
DELTA = 1°51'38"
D = 28°38'52"
T = 3.25'
L = 6.49'
R = 200.00'
PC STA = 0'GRA'+73.29
Y = 566731.047
X = 836864.701
PT STA = 0'GRA'+79.79
Y = 566724.556
X = 836864.927
BK = S02°55'12"E
AH = S01°03'34"E
GREEN GROVE RD CURVE 1
PI STA = 0'GRE'+52.49
Y = 566870.780
X = 837138.423
DELTA = 17°50'16"
D = 57°17'45"
T = 15.69'
L = 31.13'
R = 100.00'
PC STA = 0'GRE'+36.80
Y = 566885.719
X = 837133.616
PT STA = 0'GRE'+67.93
Y = 566855.087
X = 837138.424
BK = S17°50'19"E
AH = S00°00'02"E
ADJUSTING MANHOLE COVER
CONSTRUCTION LIMITS STA 0 'GRA'+66.61
CONSTRUCTION LIMITS STA 0 'GRE'+67.93
PERMANENT EASEMENT (TYP)
EXISTING R/W (TYP)
REMOVE TYPE A SPECIAL INLET GRATE AND REPLACE WITH TYPE A INLET GRATE
STH 96 R/L
604
606
608
610
612
614
616
STH 96
N65°58'36"E
S17°50'19"E
S2°55'25"E
S1°03'34"E
BP: 0'GRA'+00.00
PI: 0'GRA'+79.79
PC: 0'GRA'+73.29
EP: 1'GRA'+80.14
1'GRA'
BP: 0'GRE'+00.00
PC: 0'GRE'+36.80
PI: 0'GRE'+67.93
EP: 1'GRE'+63.60
1'GRE'
S0°00'05"E
GRANDVIEW RD CURVE 1
GREEN GROVE RD CURVE 1
N GRANDVIEW RD
N GREEN GROVE RD
ADJUSTING MANHOLE COVER
BASE PATCHING CONCRETE HES (TYP)
REMOVE TYPE A SPECIAL INLET GRATE AND REPLACE WITH TYPE A INLET GRATE
EXISTING R/W (TYP)
PERMANENT EASEMENT (TYP)
MATCH LINE 602+75
MATCH LINE 618+00



PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	PLAN SHEETS	SHEET 151	E

FILE NAME : N:\PDS\C3D\46200200\SHEETS\050201-PN.DWG
LAYOUT NAME - 050202-pn

PLOT DATE : 7/14/2026 3:15 PM PLOT BY : CRUSE, DEXTER A PLOT NAME : PLOT SCALE : 1 IN:100 FT



PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	PLAN SHEETS	SHEET 152 E

FILE NAME : N:\PDS\C3D\46200200\SHEETS\050201-PN.DWG
LAYOUT NAME - 050203-pn

PLOT DATE : 7/14/2026 3:15 PM PLOT BY : CRUSE, DEXTER A PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

MATCH LINE 679+00

MATCH LINE 694+25

5

5

N

Pi: 685+00.81

Pi: 685+55.91

EXISTING R/W (TYP)

ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES

STH 96 R/L

680 682 N75°04'03"E 684 N74°54'52"E 686 STH 96 688 690 N74°54'49"E 692 694

BASE PATCHING CONCRETE HES (TYP)

PERMANENT EASEMENT (TYP)

EXISTING R/W (TYP)

REMOVE TYPE A SPECIAL INLET GRATE AND REPLACE WITH TYPE A INLET GRATE

BENCH MARKS

NO.	STATION	ELEV.	DESCRIPTION
604	707+36	722.06	BURY BOLT ON FIRE HYDRANT ACROSS FROM THE ENTRANCE TO COUNTRY VILLA APARTMENTS

N

EXISTING R/W (TYP)

STH 96 R/L

BM 604

696 698 700 STH 96 702 N74°54'49"E 704 706 708

REMOVE TYPE N INLET GRATE AND REPLACE WITH TYPE A INLET GRATE

BASE PATCHING CONCRETE HES (TYP)

EXISTING R/W (TYP)

ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES

BEAMGUARD REMOVE & REPLACE SEE PLAN DETAILS

SLOPE INTERCEPT

MATCH LINE 694+25

MATCH LINE 709+50

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	PLAN SHEETS	SHEET 153	E

BENCH MARKS			
NO.	STATION	ELEV.	DESCRIPTION
602	721+60	703.65	RR SPIKE IN LPOL, NW QUAD OF STH 96 & WASHINGTON ST
603	712+16	710.34	BURY BOLT ON FIRE HYDRANT, ACROSS FROM THE WEST ENTRANCE TO MOBILE HOME PARK

MATCH LINE 709+50

PC: 709+94.23

BM 603

GRAVEL DIRECTIONAL

EXISTING R/W (TYP)

STH 96 R/L

ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES

BASE PATCHING CONCRETE HES (TYP)

ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES

CONSTRUCTION LIMITS STA 0'WAS'+83.47

WASHINGTON ST

S74°W

N05°59'45"W

EP: 2'WAS'+11.19

SLOPE INTERCEPT

BM 602

PT: 1'WAS'+11.26

WASHINGTON ST CURVE 1

PC: 0'WAS'+82.18

N05°06'50"E

ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES

BP: 0'WAS'+00.00

S78°53'21"E

710 712 714 716 718 720 722 724

STH 96

SLOPE INTERCEPT

PROPOSED R/W

SLOPE INTERCEPT

EXISTING R/W (TYP)

CURVE 6

ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES

SLOPE INTERCEPT

BEAMGUARD REMOVE & REPLACE SEE PLAN DETAILS

BEAMGUARD REMOVE & REPLACE SEE PLAN DETAILS

PT: 723+04.08

SLOPE INTERCEPT

BEAMGUARD REMOVE & REPLACE SEE PLAN DETAILS

ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES

MATCH LINE 724+75

CURVE 6
PI STA = 716+60.81
Y = 569693.422
X = 847444.391
DELTA = 26°11'50"
D = 2°00'00"
T = 666.58'
L = 1309.85'
R = 2864.78'
PC STA = 709+94.23
Y = 569519.929
X = 846800.785
PT STA = 723+04.08
Y = 569564.968
X = 848098.477
BK = N74°54'49"E
AH = S78°53'21"E
SE = 2.0% MAX

WASHINGTON ST CURVE 1
PI STA = 0'WAS'+96.77
Y = 569673.872
X = 848038.991
DELTA = 11°06'35"
D = 38°11'50"
T = 14.59'
L = 29.08'
R = 150.00'
PC STA = 0'WAS'+82.18
Y = 569659.342
X = 848037.691
PT STA = 1'WAS'+11.26
Y = 569688.380
X = 848037.468
BK = N05°06'50"E
AH = N05°59'45"W

N

BENCH MARKS			
NO.	STATION	ELEV.	DESCRIPTION
600	732+33	731.81	BURY BOLT ON FIRE HYDRANT, NE QUAD OF STH 96 & ADAMS ST
601	727+41	720.52	RR SPIKE IN LPOL, ALONG STH 96 +/- 500 FT WEST OF ADAMS ST

MATCH LINE 724+75

BASE PATCHING CONCRETE HES (TYP)

BM 601

STH 96 R/L

ASHPALT SURFACE DRIVEWAYS AND FIELD ENTRANCES

ADAMS ST

PC: 730+75.59

CURVE 7

BM 600

PT: 732+91.12

EXISTING R/W (TYP)

726 728 730 732 734 736 738 740

S78°53'21"E

STH 96

S68°06'47"E

END PROJECT
STA 729+75.90
Y=569,435.505
X=848,757.698

SLOPE INTERCEPT

SLOPE INTERCEPT

BEAMGUARD REMOVE & REPLACE SEE PLAN DETAILS

EXISTING R/W (TYP)

CURVE 7
PI STA = 731+83.67
Y = 569395.466
X = 848961.577
DELTA = 10°46'35"
D = 5°00'00"
T = 108.08'
L = 215.53'
R = 1145.94'
PC STA = 730+75.59
Y = 569416.294
X = 848855.520
PT STA = 732+91.12
Y = 569355.175
X = 849061.869
BK = S78°53'21"E
AH = S68°06'47"E
SE = 3.0% MAX

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	PLAN SHEETS	SHEET 154	E

Standard Detail Drawing List

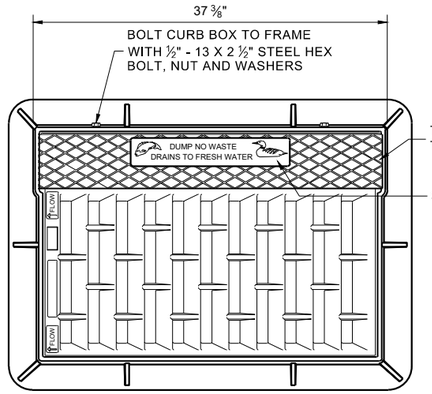
08A05-22A	INLET COVERS TYPE A, H, A-S, H-S AND Z
08D01-24A	CONCRETE CURB AND GUTTER
08D01-24B	CONCRETE CURB, TIES AND CURB AND GUTTER APPLICATIONS
08D04-07	CONCRETE SURFACE DRAINS AND ASPHALTIC FLUMES
08D05-23A	CURB RAMPS TYPES 1 AND 1-A
08D05-23B	CURB RAMPS TYPES 2 AND 3
08D05-23C	CURB RAMPS TYPES 4A AND 4A1
08D05-23D	CURB RAMPS TYPES 4B AND 4B1
08D05-23E	CURB RAMPS TYPES 5, 6, 7A, 7B & 8
08D05-23G	CURB RAMPS RECTANGULAR AND RADIAL DETECTABLE WARNING PLATES
08E08-03	TYPICAL INSTALLATIONS OF EROSION BALES / TEMPORARY DITCH CHECKS
08E09-06	SILT FENCE
08E10-02	INLET PROTECTION TYPES A, B, C AND D
08E15-01	CULVERT PIPE CHECK
09A15-01	DRIVEWAYS WITHOUT CURB AND GUTTER RESURFACING PROJECTS RURAL
13C14-07A	BASE PATCHING CONCRETE
13C14-07B	BASE PATCHING CONCRETE
13C14-07C	BASE PATCHING CONCRETE
13C19-03	HMA LONGITUDINAL JOINTS
14B15-11A	STEEL PLATE BEAM GUARD, CLASS "A" INSTALLATION AND ELEMENTS
14B15-11B	STEEL PLATE BEAM GUARD, CLASS "A" INSTALLATION AND ELEMENTS
14B15-11C	STEEL PLATE BEAM GUARD, CLASS "A", INSTALLATION AND ELEMENTS
14B18-06A	STEEL PLATE BEAM GUARD, CLASS "A" AT BRIDGES, OBSTACLES AND SIDEROADS/DRIVEWAYS
14B24-09A	STEEL PLATE BEAM GUARD ENERGY ABSORBING TERMINAL
14B24-09B	STEEL PLATE BEAM GUARD ENERGY ABSORBING TERMINAL
14B24-09C	STEEL PLATE BEAM GUARD ENERGY ABSORBING TERMINAL
14B27-01A	STEEL PLATE BEAM GUARD SHORT RADIUS TERMINAL
14B27-01B	STEEL PLATE BEAM GUARD SHORT RADIUS TERMINAL
14B27-01C	STEEL PLATE BEAM GUARD SHORT RADIUS TERMINAL
14B29-01	SAFETY EDGE
14B42-07A	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B42-07B	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B42-07C	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B42-07D	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B44-04A	MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)
14B44-04B	MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)
14B44-04C	MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)
14B53-03A	SHORT RADIUS BEAM GUARD (MGS) SHORT RADIUS TERMINAL (MGS)
14B53-03B	SHORT RADIUS BEAM GUARD (MGS) SHORT RADIUS TERMINAL (MGS)
14B53-03C	SHORT RADIUS BEAM GUARD (MGS) SHORT RADIUS TERMINAL (MGS)
14B53-03D	SHORT RADIUS BEAM GUARD (MGS) SHORT RADIUS TERMINAL (MGS)
14B53-03E	SHORT RADIUS BEAM GUARD (MGS) SHORT RADIUS TERMINAL (MGS)
14B53-03F	SHORT RADIUS BEAM GUARD (MGS) SHORT RADIUS TERMINAL (MGS)
14B53-03G	SHORT RADIUS BEAM GUARD (MGS) SHORT RADIUS TERMINAL (MGS)
14B53-03H	SHORT RADIUS BEAM GUARD (MGS) SHORT RADIUS TERMINAL (MGS)
14B53-03I	SHORT RADIUS BEAM GUARD (MGS) SHORT RADIUS TERMINAL (MGS)
15A04-08E	DELINEATOR POST WITH REFLECTIVE SHEETING
15C04-05	TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 M.P.H. OR GREATER TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC
15C05-05	TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40 M.P.H. OR LESS TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC
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
15C19-11A	MOVING PAVEMENT MARKING OPERATION TWO-LANE TWO-WAY ROADWAY
15C29-08A	BICYCLE LANE MARKING
15C33-05	STOP LINE AND CROSSWALK PAVEMENT MARKING
15C35-06A	PAVEMENT MARKING (INTERSECTIONS)
15D28-06	TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY
15D30-12A	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-12B	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

6

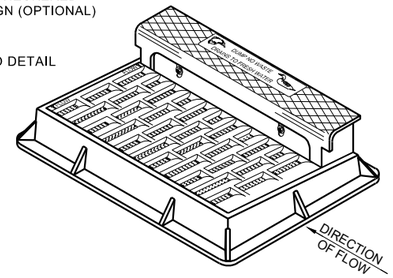
Standard Detail Drawing List

15D30-12C	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D40-08C	TRAFFIC CONTROL, PARTIAL LANE SHIFT NON-FREEWAY/EXPRESSWAY OR MULTILANE DIVIDED 45 MPH AND UNDER

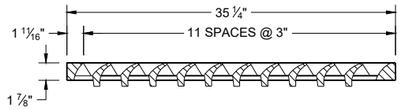
6

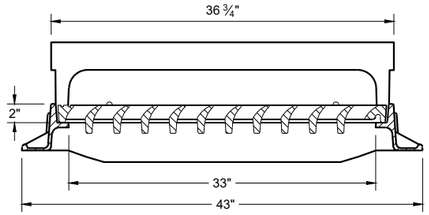


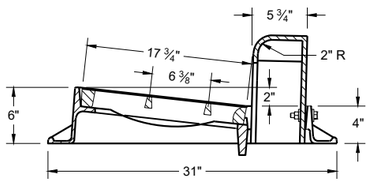
NOTE: EITHER CASTING IS ACCEPTABLE

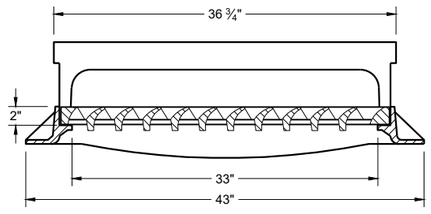


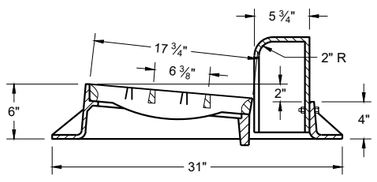
NOTE: CURB BOX HEIGHT ADJUSTABLE 6" - 9"







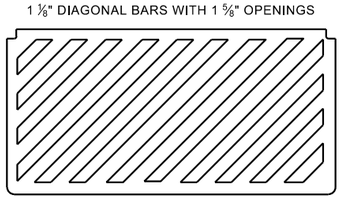




TYPE "H"

NOTE: EITHER CASTING IS ACCEPTABLE

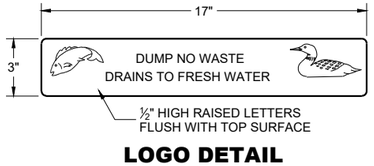
1 ⅛" DIAGONAL BARS WITH 1 ⅝" OPENINGS



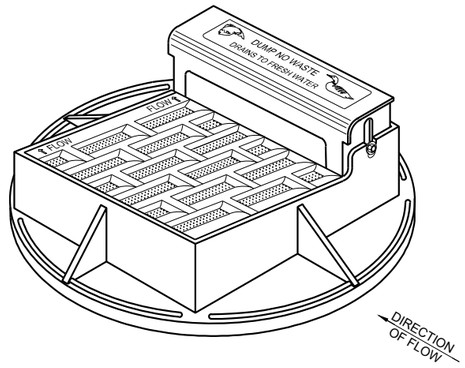
SPECIAL GRATE FOR TYPE "H" COVER

(MEASURES 35" X 17 ¾" X 2")

(NOTED AS TYPE H-S ON DRAINAGE TABLE)

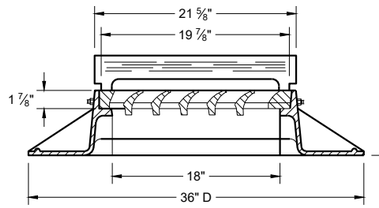


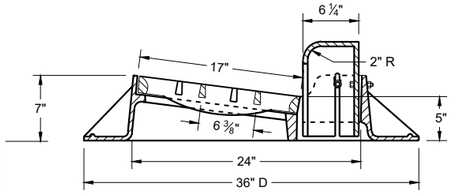
LOGO DETAIL



NOTE: CURB BOX HEIGHT ADJUSTABLE 6" - 9"

NOTE: EITHER CASTING IS ACCEPTABLE





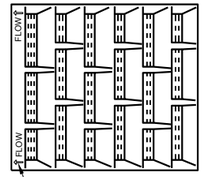
TYPE "A"

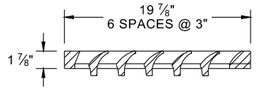
GENERAL NOTES

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.

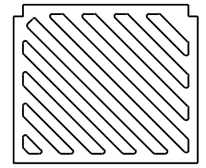
DETAIL DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR CATCH BASIN, MANHOLE AND INLET COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ROUND FRAMES AND COVERS SHALL HAVE CONTINUOUSLY MACHINED BEARING SURFACES TO PREVENT ROCKING AND RATTLING.





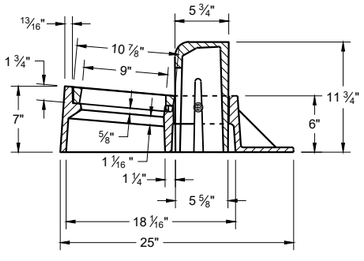
1" DIAGONAL BARS
WITH 1 ½" OPENINGS



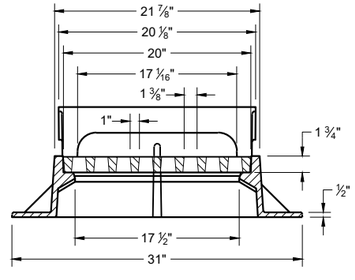
SPECIAL GRATE FOR TYPE "A" COVER

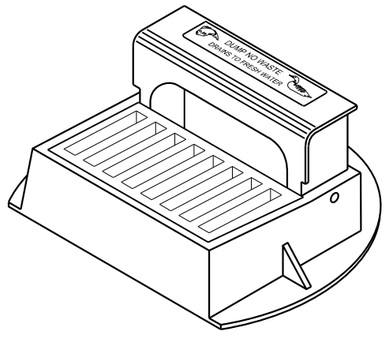
(MEASURES 19 ¾" X 17" X 1 ⅞")

(NOTED AS TYPE A-S ON DRAINAGE TABLE)



TYPE "Z"





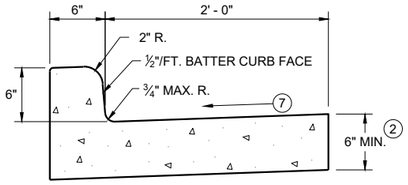
INLET COVERS
TYPES A, H, A-S, H-S AND Z

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

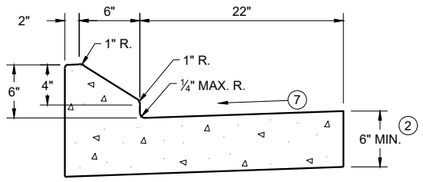
APPROVED
February 2025
DATE

/S/ Rodney Taylor
ROADWAY STANDARDS DEVELOPMENT
UNIT SUPERVISOR

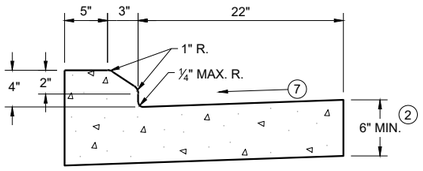
FHWA



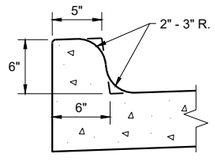
TYPES A (1) & D



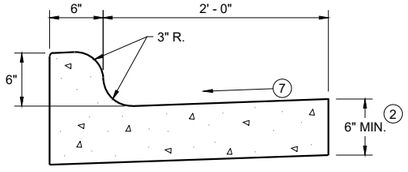
6" SLOPED CURB TYPES G (1) & J



4" SLOPED CURB TYPES G (1) & J

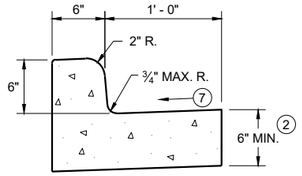


TYPES K (1) & L
(OPTIONAL CURB SHAPE)



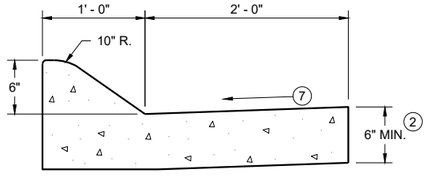
TYPES K (1) & L

CONCRETE CURB AND GUTTER 30"

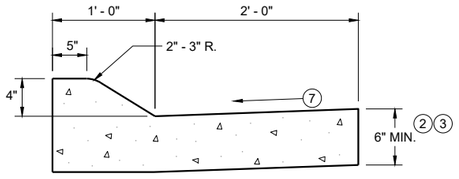


TYPES A (1) & D

CONCRETE CURB AND GUTTER 18"

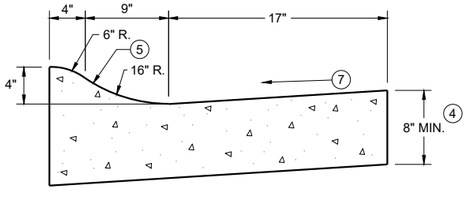


6" SLOPED CURB TYPES A (1) & D



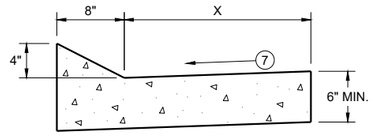
4" SLOPED CURB TYPES A (1) & D

CONCRETE CURB AND GUTTER 36"



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

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

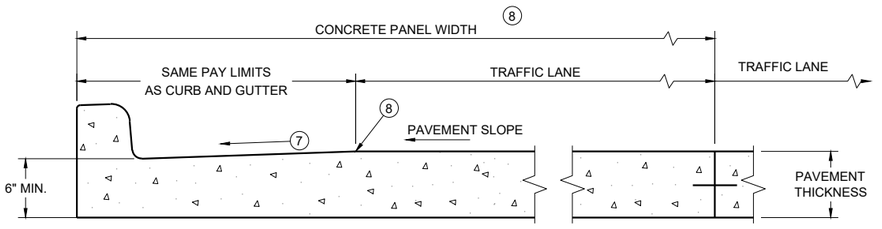


TYPES TBT & TBTT (1)

CONCRETE CURB AND GUTTER

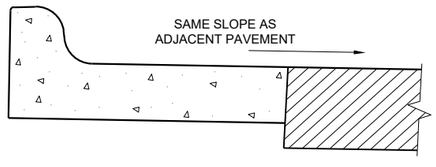
PAVEMENT THICKNESS AND MAXIMUM CONCRETE PANEL WIDTH TABLE

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.

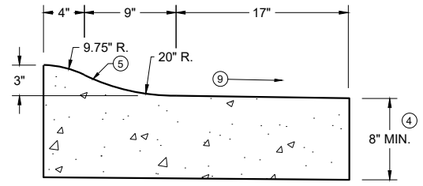
(5) UNLESS OTHERWISE NOTED, FOR STAKING PURPOSES THE FACE OF CURB IS 6" FROM THE BACK OF CURB.

(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.

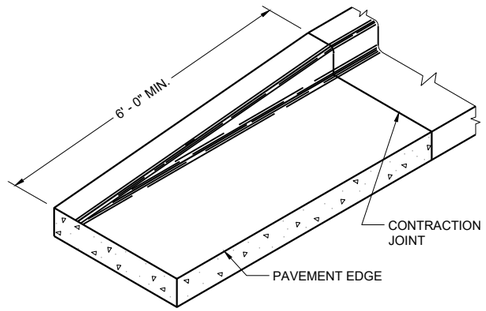
(9) SLOPE TO BE REVERSE SLOPE MATCHING THE SLOPE OF THE PAVEMENT AND THE CIRCULATORY ROADWAY



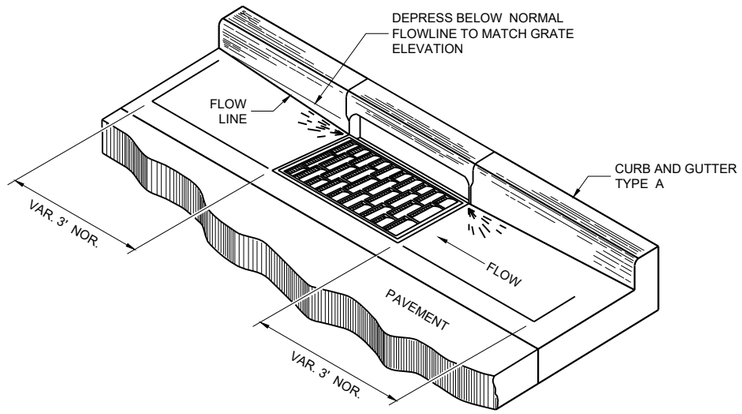
3" SLOPED CURB TYPES R (1) & T

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.

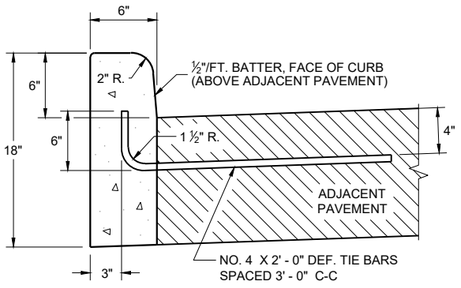
UNLESS OTHERWISE SHOWN ON THE TYPICAL CROSS SECTIONS, THE BASE AGGREGATE AND COMMON EXCAVATION LIMITS ARE 2' - 0" BEHIND THE BACK OF CURBS.

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

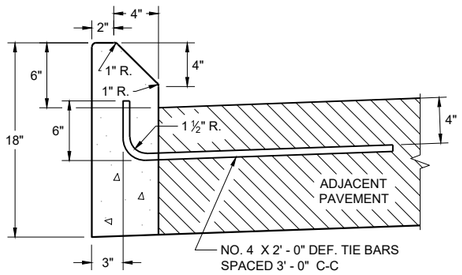
(2) THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.

(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.

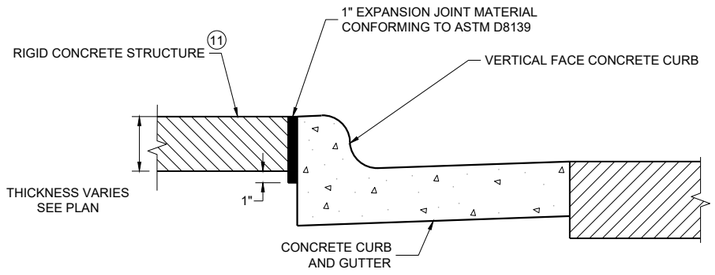


TYPES A (1) & D

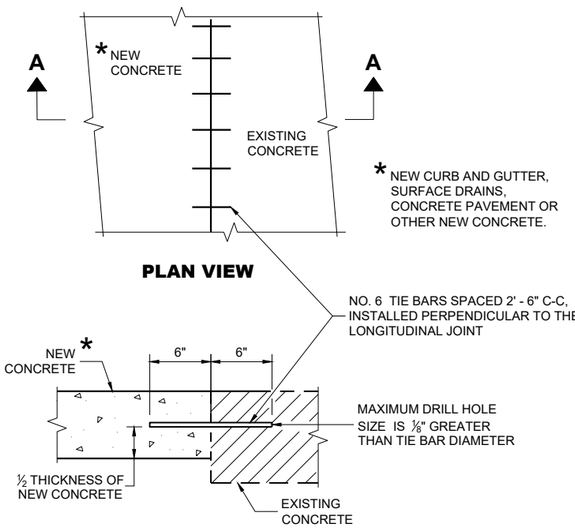


TYPES G (1) & J

CONCRETE CURB



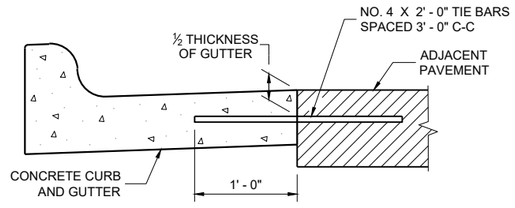
EXPANSION JOINT DETAIL FOR VERTICAL CURB ABUTTING A RIGID STRUCTURE (11)



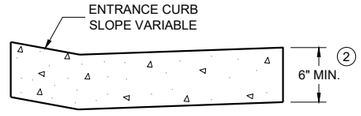
PLAN VIEW

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

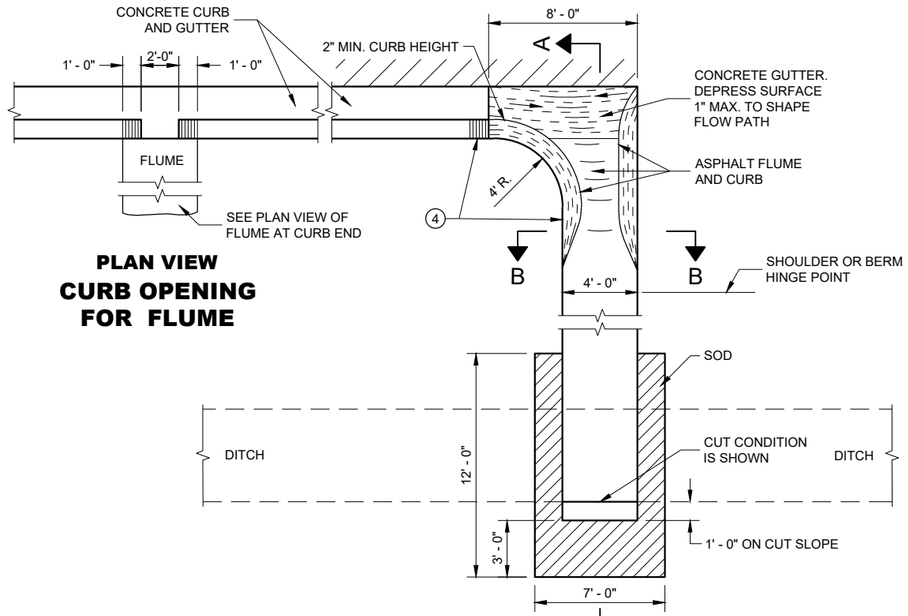
APPROVED
February 2025 — DATE
/S/ Rodnery Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

FHWA

6
SDD 08D01-24b

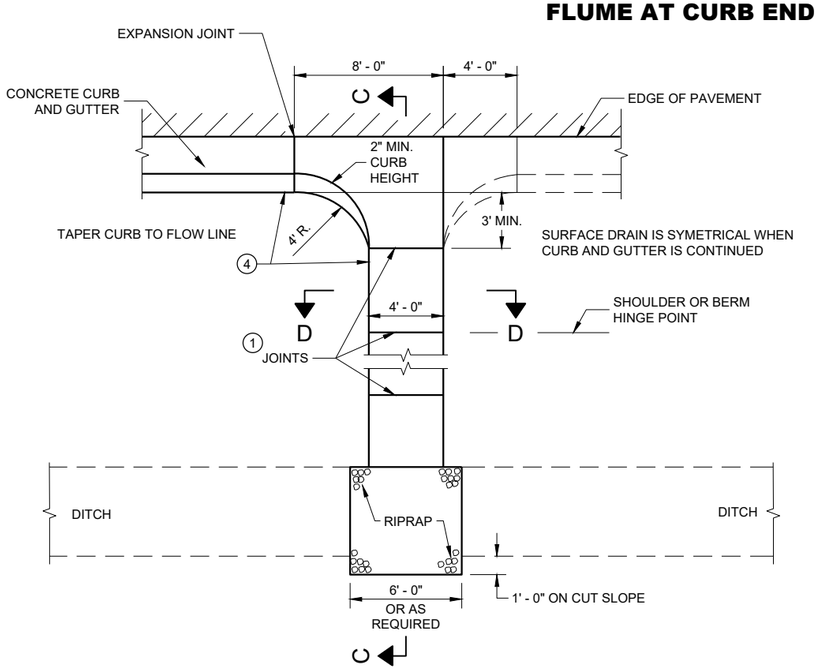
NOTE: TAPER CURB ENDS TO GUTTER IN 1' - 0"

ASPHALTIC FLUME



PLAN VIEW
CURB OPENING FOR FLUME

PLAN VIEW
FLUME AT CURB END



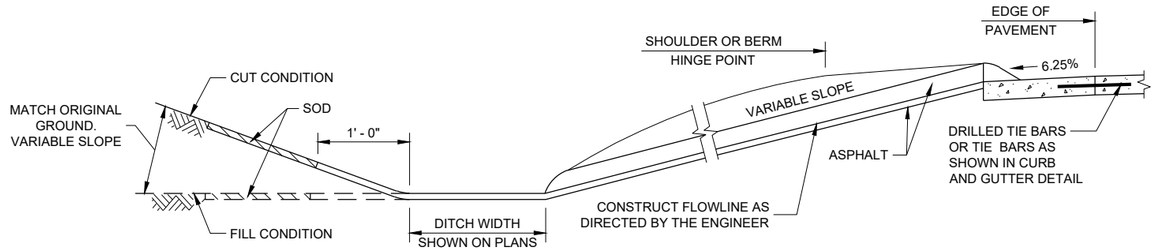
PLAN VIEW
CONCRETE SURFACE DRAIN

GENERAL NOTES

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

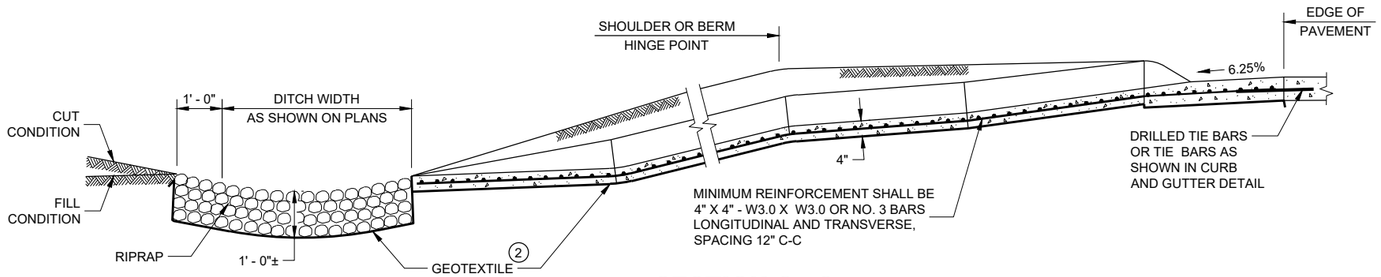
4" X 4" - W3.0 X W3.0 CONCRETE REINFORCEMENT SHALL BE IN ACCORDANCE WITH AASHTO SPECIFICATION M55.

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

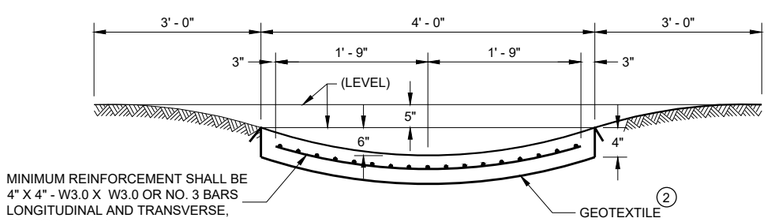


SECTION A - A

SECTION B - B



SECTION C - C



SECTION D - D

CONCRETE SURFACE DRAINS AND ASPHALTIC FLUMES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

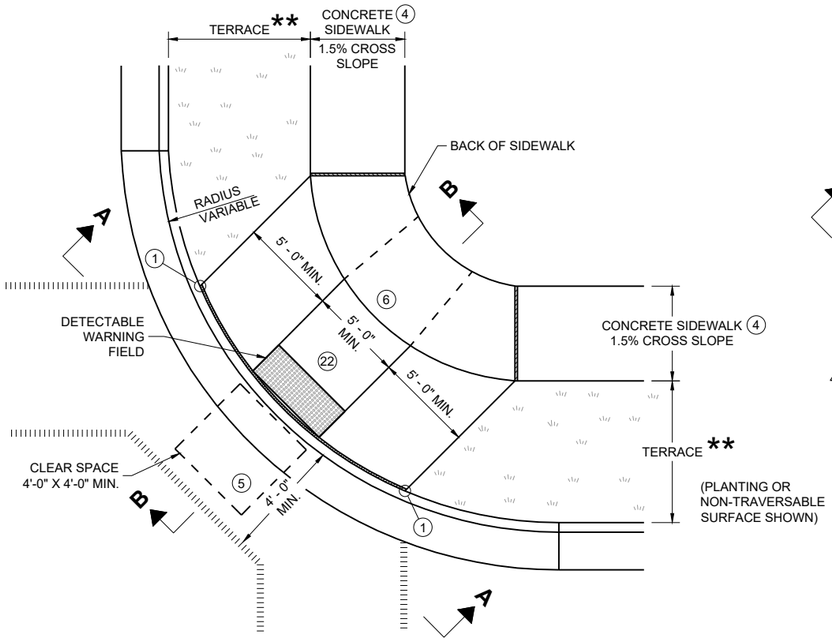
APPROVED
May 2023
DATE

/S/ Rodney Taylor
ROADWAY STANDARDS DEVE ENGINEER

FHWA

6

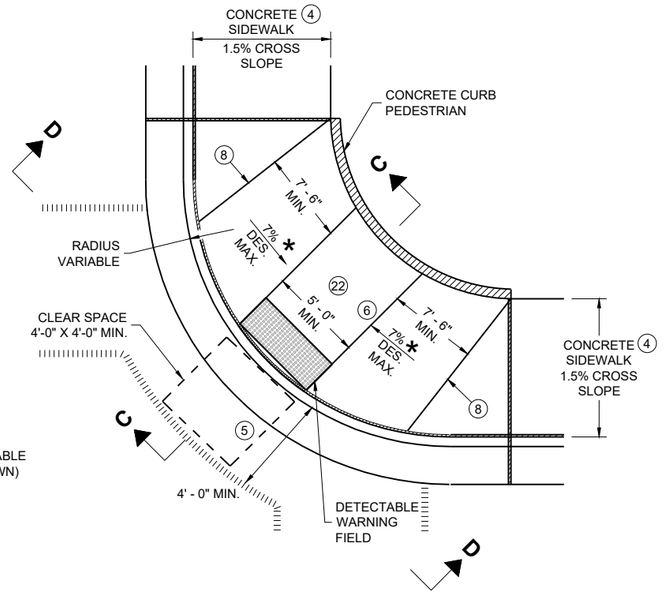
SDD 08D04 - 07



PLAN VIEW

CURB RAMP TYPE 1

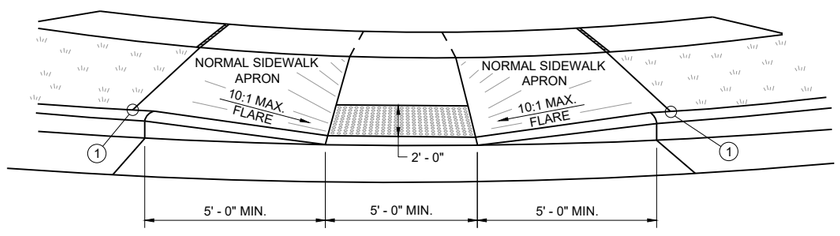
(CENTER OF CORNER RADIUS)



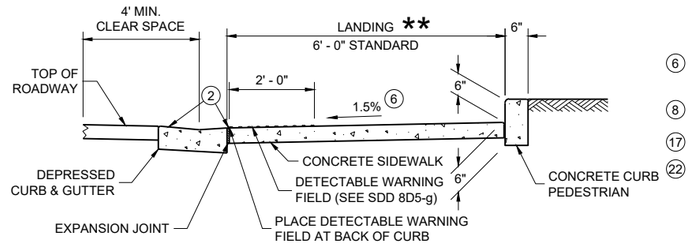
PLAN VIEW

CURB RAMP TYPE 1 - A

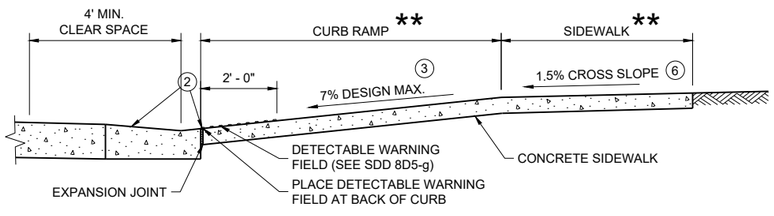
(NO TERRACE)



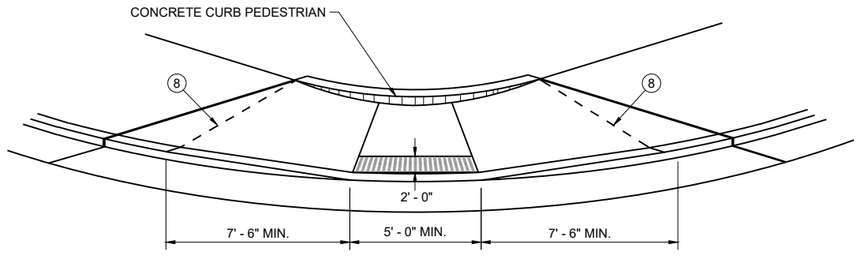
VIEW A - A FOR TYPE 1



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.

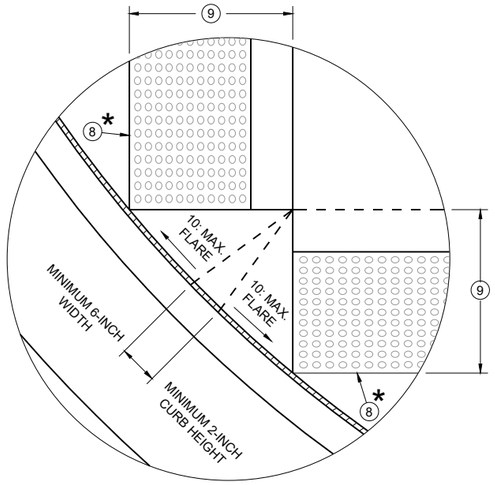
(22) THE ENTIRE RAMP SHALL BE A PLANAR SURFACE. DO NOT WARP THE RUNNING SLOPE OR CROSS SLOPE OF THE RAMP. WARPING OF THE SIDEWALK CROSS SLOPE SHALL TAKE PLACE BETWEEN THE LANDING AND MATCH POINT.

LEGEND

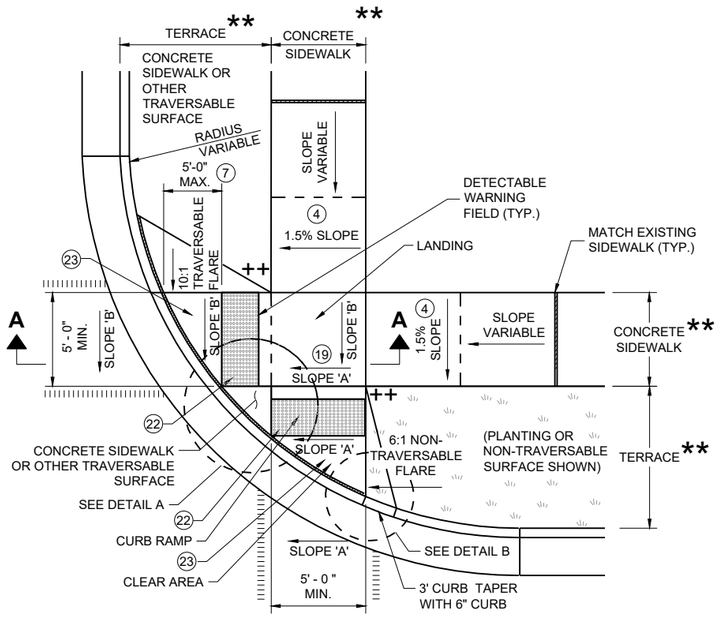
- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)
- * MAXIMUM 8.3%
- ** WIDTH SHOWN ELSEWHERE IN THE PLANS

CURB RAMPS TYPE 1 AND 1-A

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



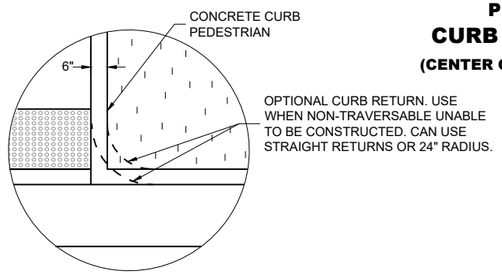
DETAIL A



PLAN VIEW

CURB RAMP TYPE 2

(CENTER OF CORNER RADIUS)

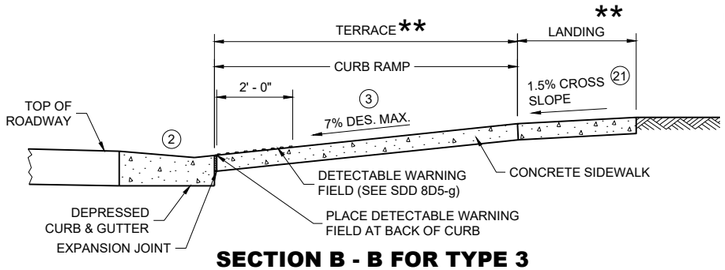


DETAIL B

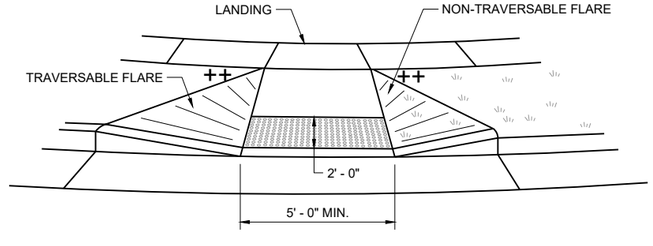
PLAN VIEW

CURB RAMP TYPE 3

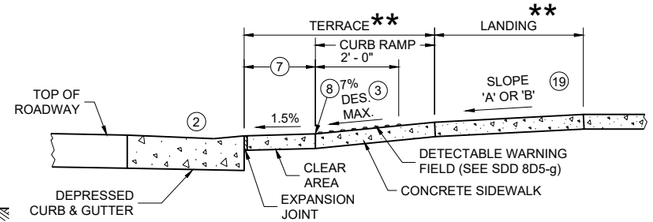
(OUTSIDE OF CROSSWALK AREA)



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.

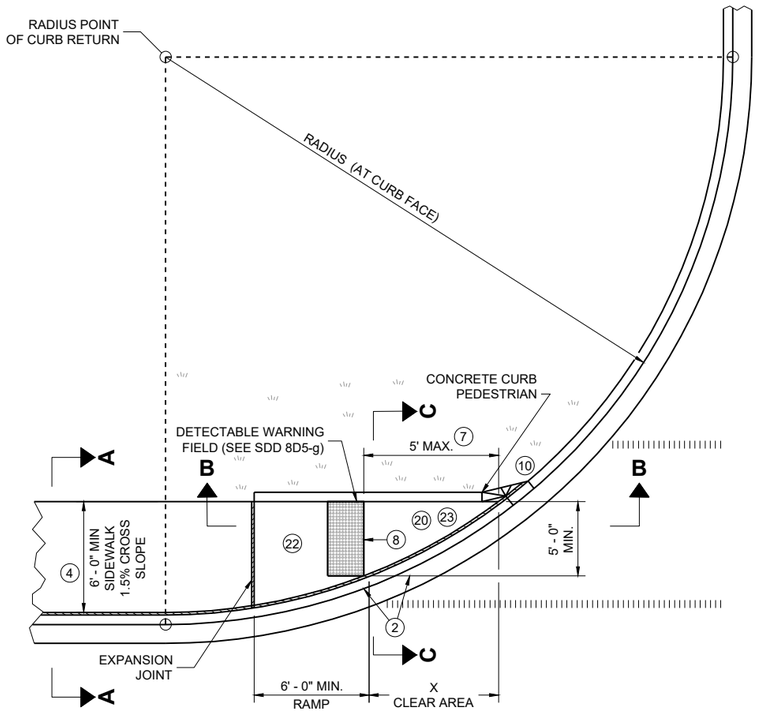
LEGEND

▨	½" EXPANSION JOINT SIDEWALK
– – – –	CONTRACTION JOINT SIDEWALK
ıllıllıllıllıl	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

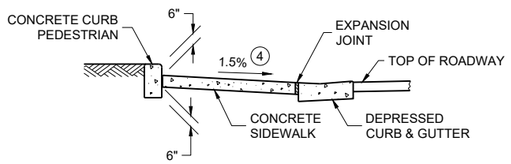
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6
SDD 08D05-23b

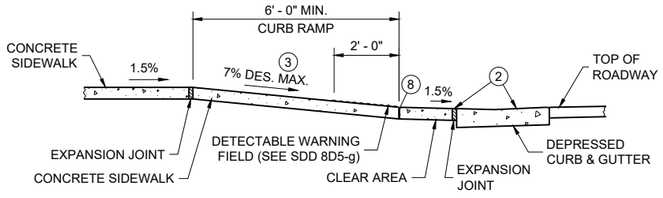


PLAN VIEW

CURB RAMP TYPE 4A



SECTION C - C FOR TYPE 4A



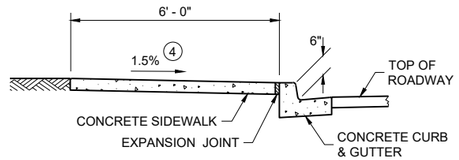
SECTION B - B FOR TYPE 4A AND TYPE 4A1

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

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.

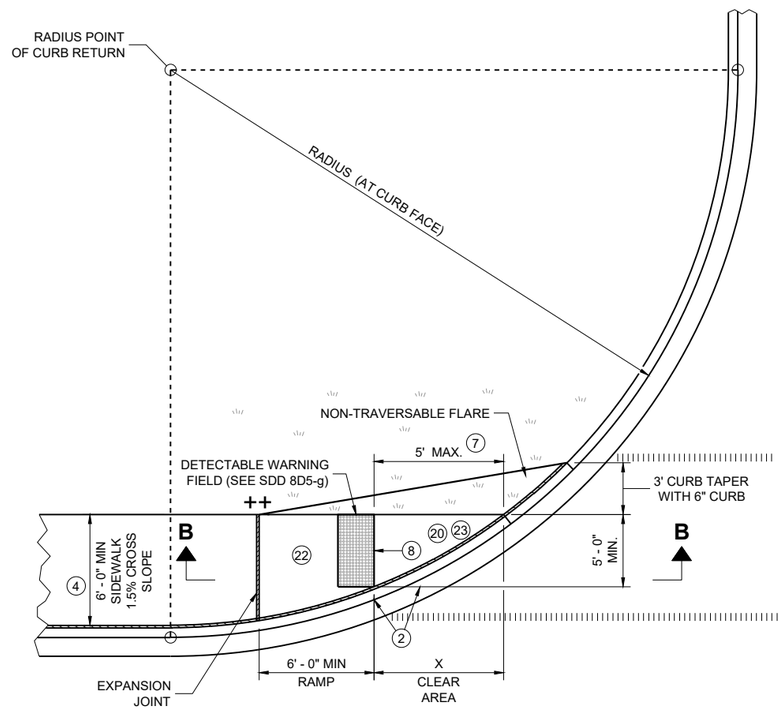
(10) INSTALL TRANSITION NOSE (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.

(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.

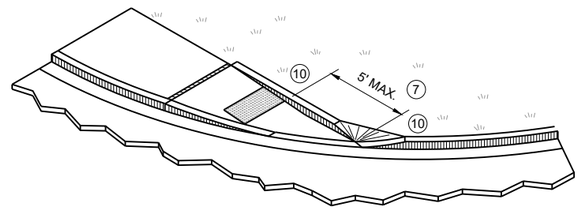
(22) THE ENTIRE RAMP SHALL BE A PLANAR SURFACE. DO NOT WARP THE RUNNING SLOPE OR CROSS SLOPE OF THE RAMP. WARPING OF THE SIDEWALK CROSS SLOPE SHALL TAKE PLACE BETWEEN THE LANDING AND MATCH POINT.

(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.

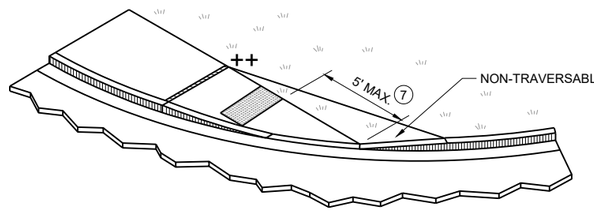


PLAN VIEW

CURB RAMP TYPE 4A1



ISOMETRIC VIEW FOR TYPE 4A



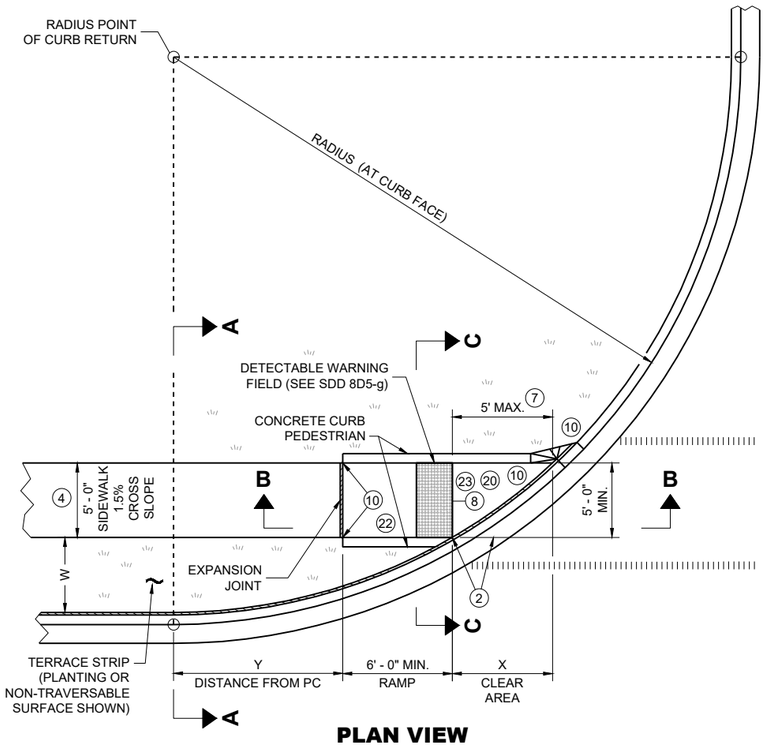
ISOMETRIC VIEW FOR TYPE 4A1

CURB RAMPS
TYPE 4A AND 4A1

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

SDD 08D05-23c

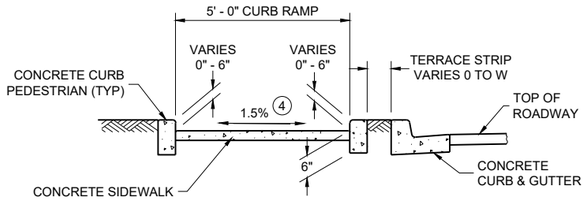
6



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.

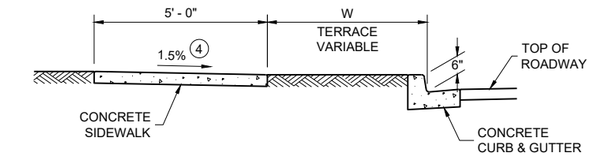
(10) INSTALL TRANSITION NOSE (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.

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

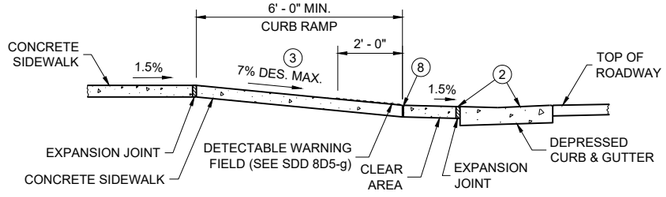
(20) MAXIMUM 1.5% DESIGN MAXIMUM AND 2.1% PROWAG MAXIMUM RUNNING SLOPE ON CLEAR AREA. CROSS SLOPE OF CLEAR AREA SHALL MATCH THE CROSS SLOPE OF THE ADJACENT CROSSWALK.

(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.

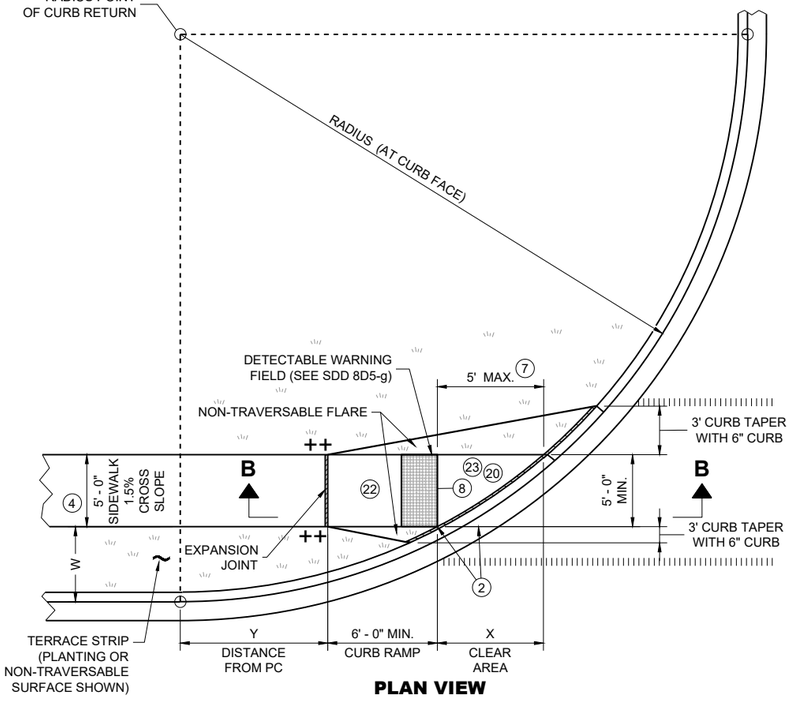
(23) THE CLEAR AREA BETWEEN THE BOTTOM OF RAMP AND BACK OF CURB SHALL BE SLOPED SO THAT WATER DRAINS OUT OF ONE SIDE OR BOTH SIDES OF THE CURB OPENING.



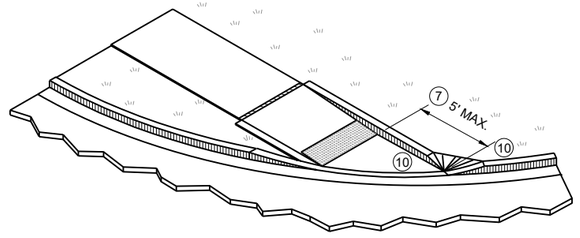
SECTION A - A FOR TYPE 4B



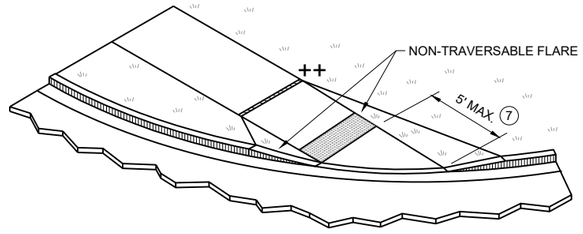
SECTION B - B FOR TYPE 4B AND TYPE 4B1



PLAN VIEW
CURB RAMP TYPE 4B1



ISOMETRIC VIEW FOR TYPE 4B



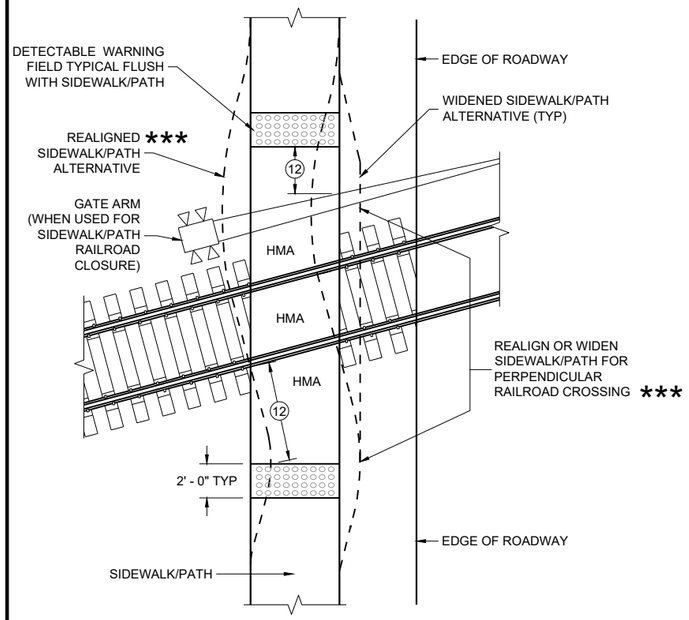
ISOMETRIC VIEW FOR TYPE 4B1

CURB RAMPS
TYPE 4B AND 4B1

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

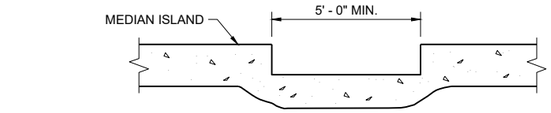
6

SDD 08D05-23d

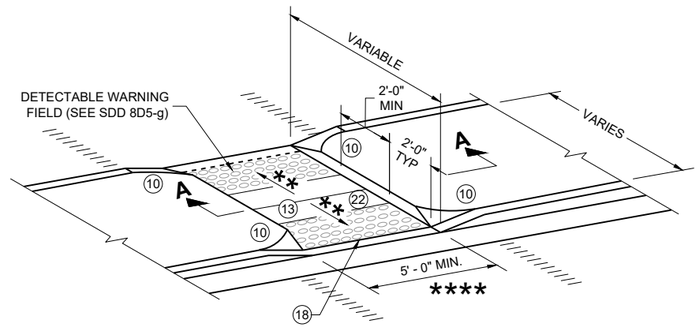


CURB RAMP TYPE 8

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.

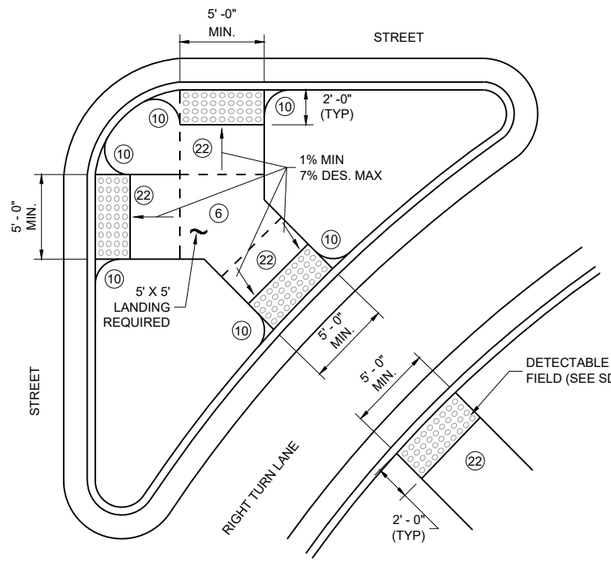
(12) THE DOWNSTREAM EDGE OF THE DETECTABLE WARNING SHOULD BE LOCATED AT LEAST 2 FEET UPSTREAM FROM THE AUTOMATIC GATE, COUNTERWEIGHT, FLASHING-LIGHT SIGNALS, OR CROSSBUCK ASSEMBLY SPECIFIC TO THE PATHWAY OR SIDEWALK (IF ANY ARE PRESENT) AND AT LEAST 12 FEET FROM THE NEAREST RAIL.

(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.

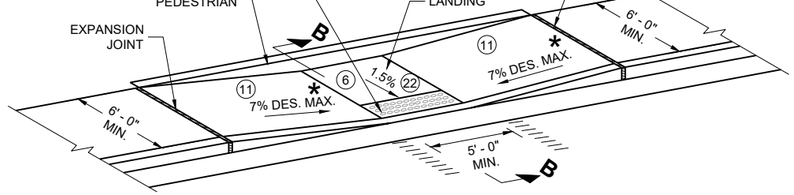
(22) THE ENTIRE RAMP SHALL BE A PLANAR SURFACE. DO NOT WARP THE RUNNING SLOPE OR CROSS SLOPE OF THE RAMP. WARPING OF THE SIDEWALK CROSS SLOPE SHALL TAKE PLACE BETWEEN THE LANDING AND MATCH POINT.



CURB RAMP TYPE 6

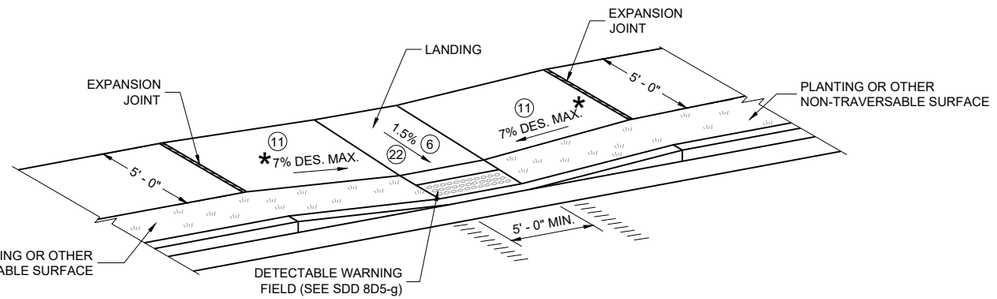
DETECTABLE WARNING AT ISLANDS

REFER TO GENERAL NOTES (2) AND (3) FOR ALL ISLAND CURB RAMPS



CURB RAMP TYPE 7A

FOR INTERSECTIONS AND MID BLOCK CROSSINGS

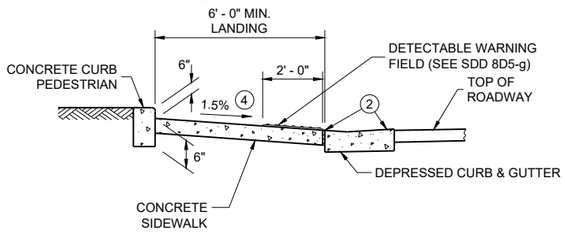


CURB RAMP TYPE 7B

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



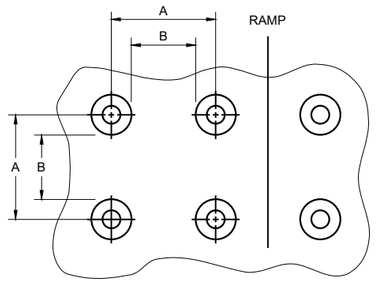
SECTION B - B FOR TYPE 7A

CURB RAMPS
TYPE 5, 6, 7A, 7B & 8

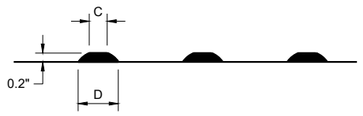
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

	MIN.	MAX.
A	1.6"	2.4"
B	0.65"	1.5"
C	*	*
D	0.9"	1.4"

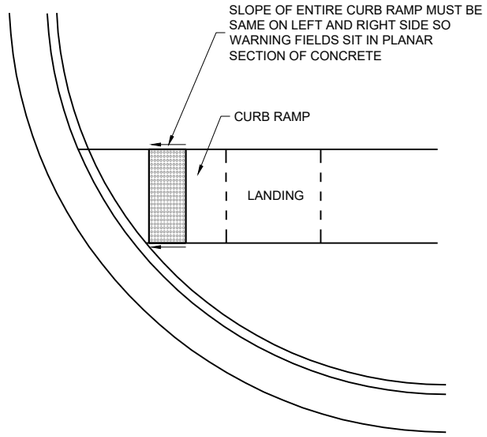
* THE C DIMENSION IS 50% TO 65% OF THE D DIMENSION.



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.

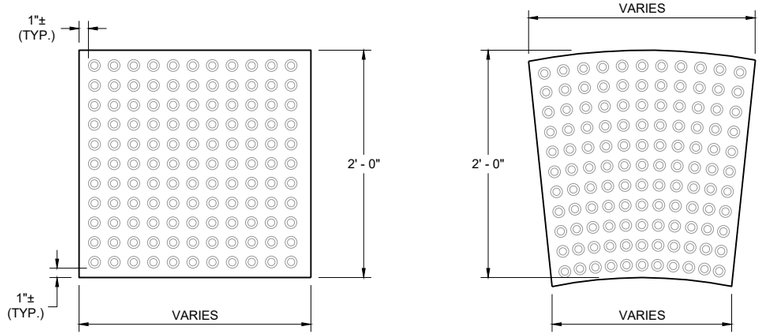
FOR RADIAL DETECTABLE WARNING FIELD APPLICATIONS WHERE STANDARD RADIAL PLATES ARE NOT AVAILABLE AT AN INTERSECTION CURB RADIUS, A COMBINATION OF SQUARE OR RECTANGULAR PLATES AND RADIAL PLATES MAY BE USED TO FORM RADIAL CONFIGURATION. RADIAL WEDGE PLATES IN COMBINATION WITH SQUARE PLATES ARE ALSO ACCEPTABLE. 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.

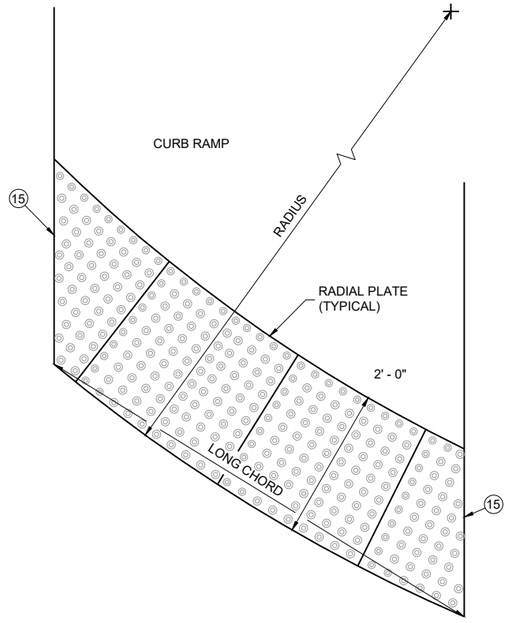
TRUNCATED DOMES
DETECTABLE WARNING PATTERN DETAIL



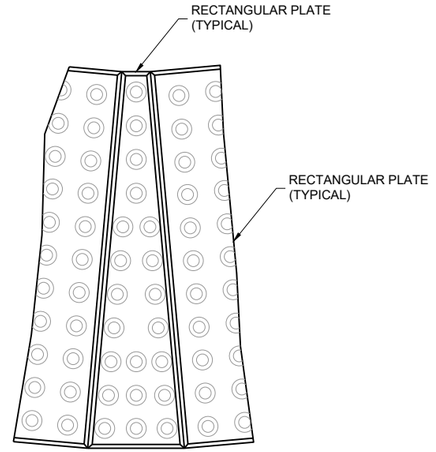
RECTANGULAR PLATES

RADIAL PLATES

PLAN VIEW
DETECTABLE WARNING FIELDS (TYPICAL)



PLAN VIEW
RADIAL DETECTABLE WARNING FIELD ATTRIBUTES



PLAN VIEW
RADIAL WEDGE PLATE CONNECTION DETAIL

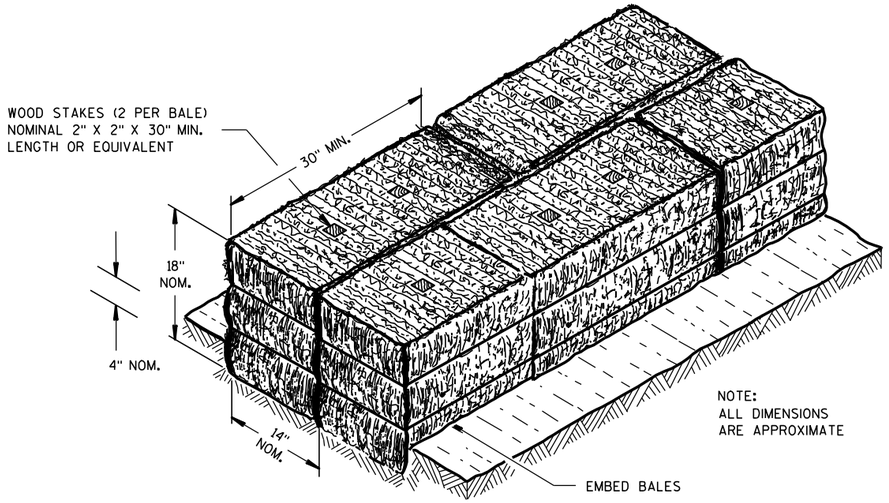
CURB RAMPS
RECTANGULAR AND RADIAL
DETECTABLE WARNING PLATES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

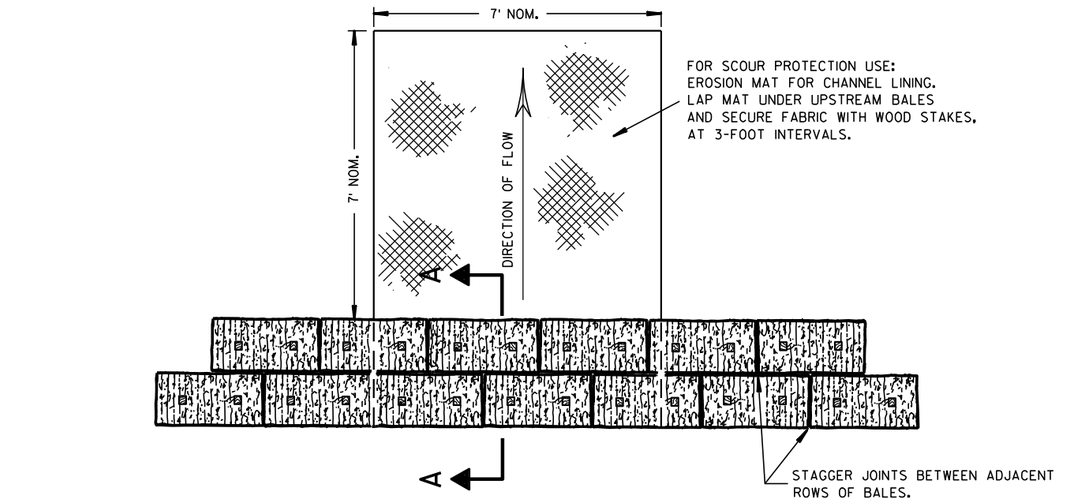
APPROVED
May 2026 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

FHWA

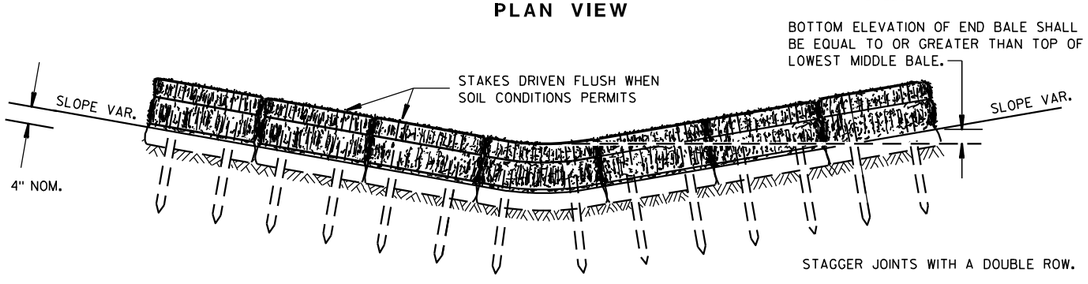
6
SDD 08D05-23g



SECTION A-A



PLAN VIEW



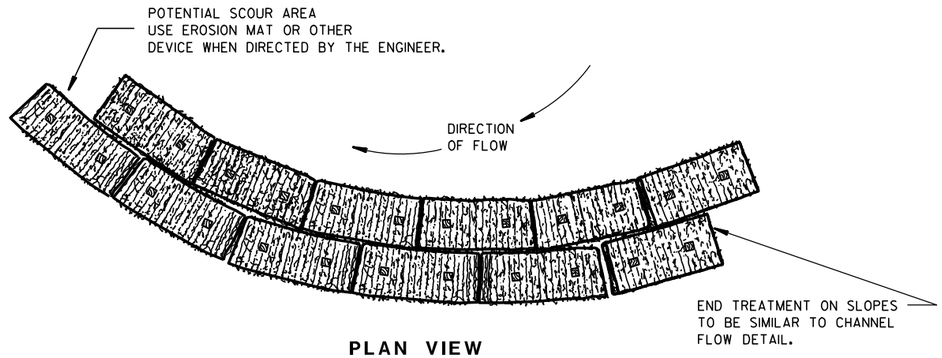
FRONT ELEVATION

TEMPORARY DITCH CHECK USING EROSION BALES ①

GENERAL NOTES

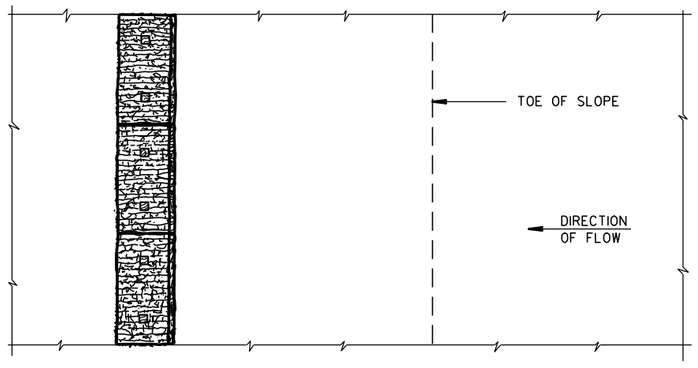
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

① TEMPORARY DITCH CHECKS EITHER EROSION BALES OR MANUFACTURED SHALL BE PAID FOR UNDER THE BID ITEM OF TEMPORARY DITCH CHECK. THE DEPARTMENT WILL NOT PAY FOR TEMPORARY DITCH CHECKS CONSTRUCTED OF A SINGLE ROW OF EROSION BALES.

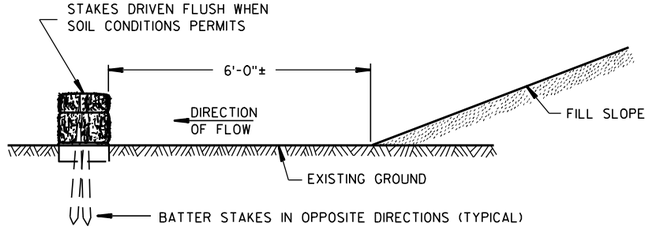


PLAN VIEW

WHEN ALTERING THE DIRECTION OF FLOW



PLAN VIEW



FRONT ELEVATION

WHEN EXISTING GROUND SLOPES AWAY FROM FILL SLOPE

EROSION BALES FOR SHEET FLOW

TYPICAL INSTALLATIONS OF EROSION BALES / TEMPORARY DITCH CHECKS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

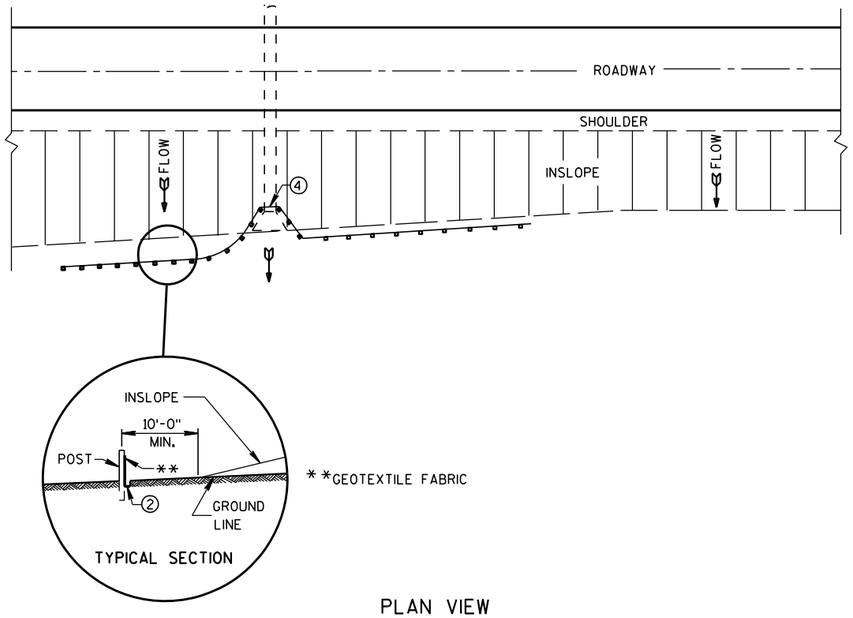
APPROVED
6/04/02 DATE
/S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

6

S.D.D. 8 E 8-3

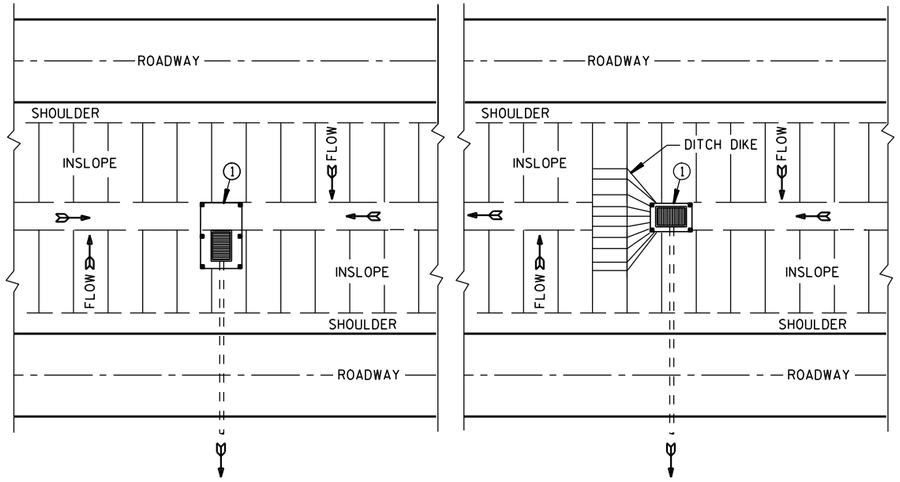
6

S.D.D. 8 E 8-3



PLAN VIEW

TYPICAL APPLICATION OF SILT FENCE



PLAN VIEW

SILT FENCE AT MEDIAN SURFACE DRAINS

GENERAL NOTES

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

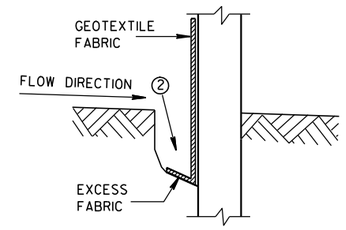
① HORIZONTAL BRACE REQUIRED WITH 2" X 4" WOODEN FRAME OR EQUIVALENT AT TOP OF POSTS.

② FOR MANUAL INSTALLATIONS THE TRENCH SHALL BE A MINIMUM OF 4" WIDE & 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL & COMPACT TRENCH WITH EXCAVATED SOIL.

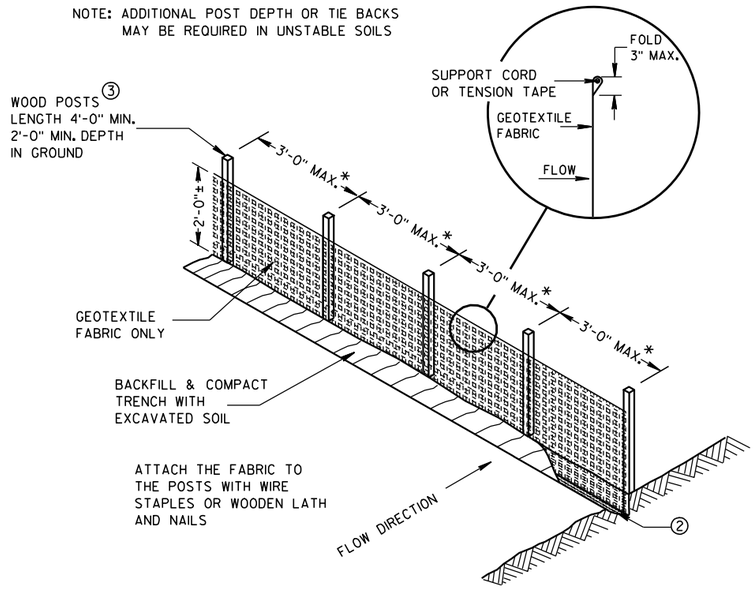
③ WOOD POSTS SHALL BE A MINIMUM SIZE OF 1⅛" X 1⅛" OF OAK OR HICKORY.

④ SILT FENCE TO EXTEND ACROSS THE TOP OF THE PIPE.

⑤ CONSTRUCT SILT FENCE FROM A CONTINUOUS ROLL IF POSSIBLE BY CUTTING LENGTHS TO AVOID JOINTS. IF A JOINT IS NECESSARY USE ONE OF THE FOLLOWING TWO METHODS; A) OVERLAP THE END POSTS AND TWIST, OR ROTATE, AT LEAST 180 DEGREES, B) HOOK THE END OF EACH SILT FENCE LENGTH.

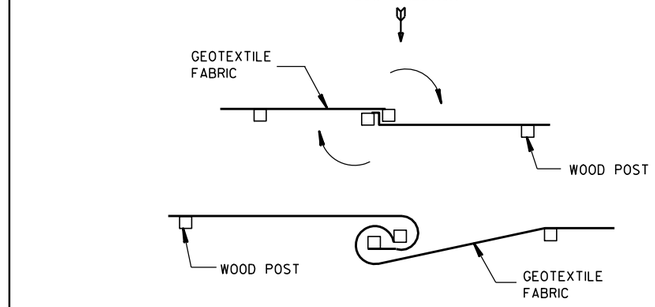


TRENCH DETAIL

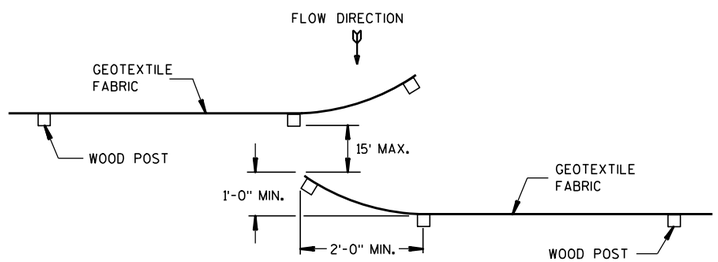


*NOTE: 8'-0" POST SPACING ALLOWED IF A WOVEN GEOTEXTILE FABRIC IS USED.

SILT FENCE

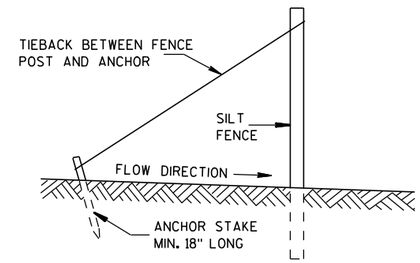


TWIST METHOD



HOOK METHOD

JOINING TWO LENGTHS OF SILT FENCE ⑤



SILT FENCE TIE BACK

(WHEN REQUIRED BY THE ENGINEER)

SILT FENCE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

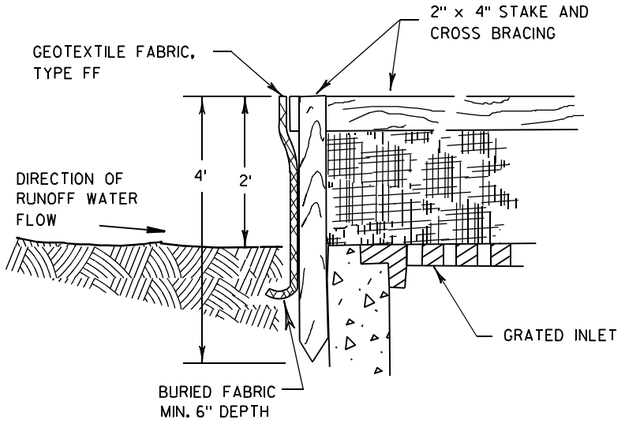
APPROVED
4-29-05 DATE
/S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

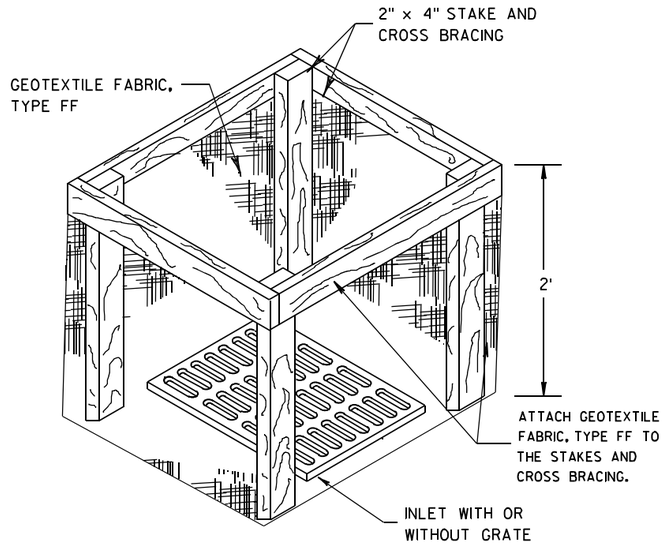
6

S.D.D. 8 E 9-6

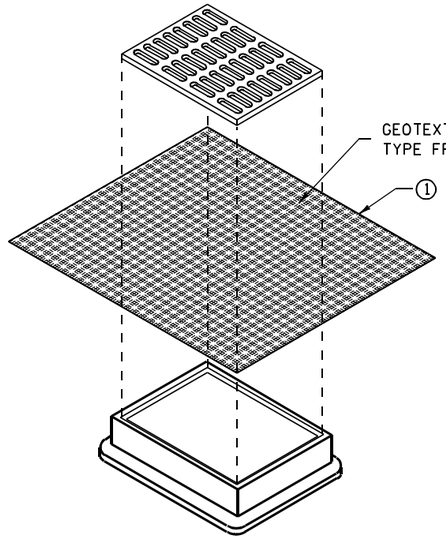
6

S.D.D. 8 E 9-6



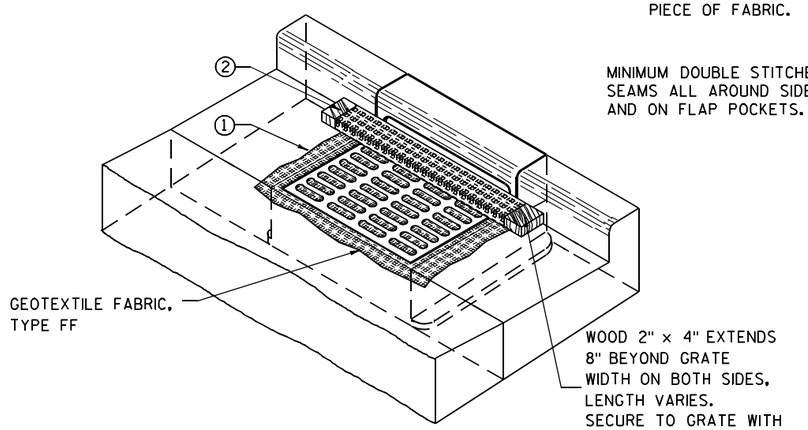


INLET PROTECTION, TYPE A

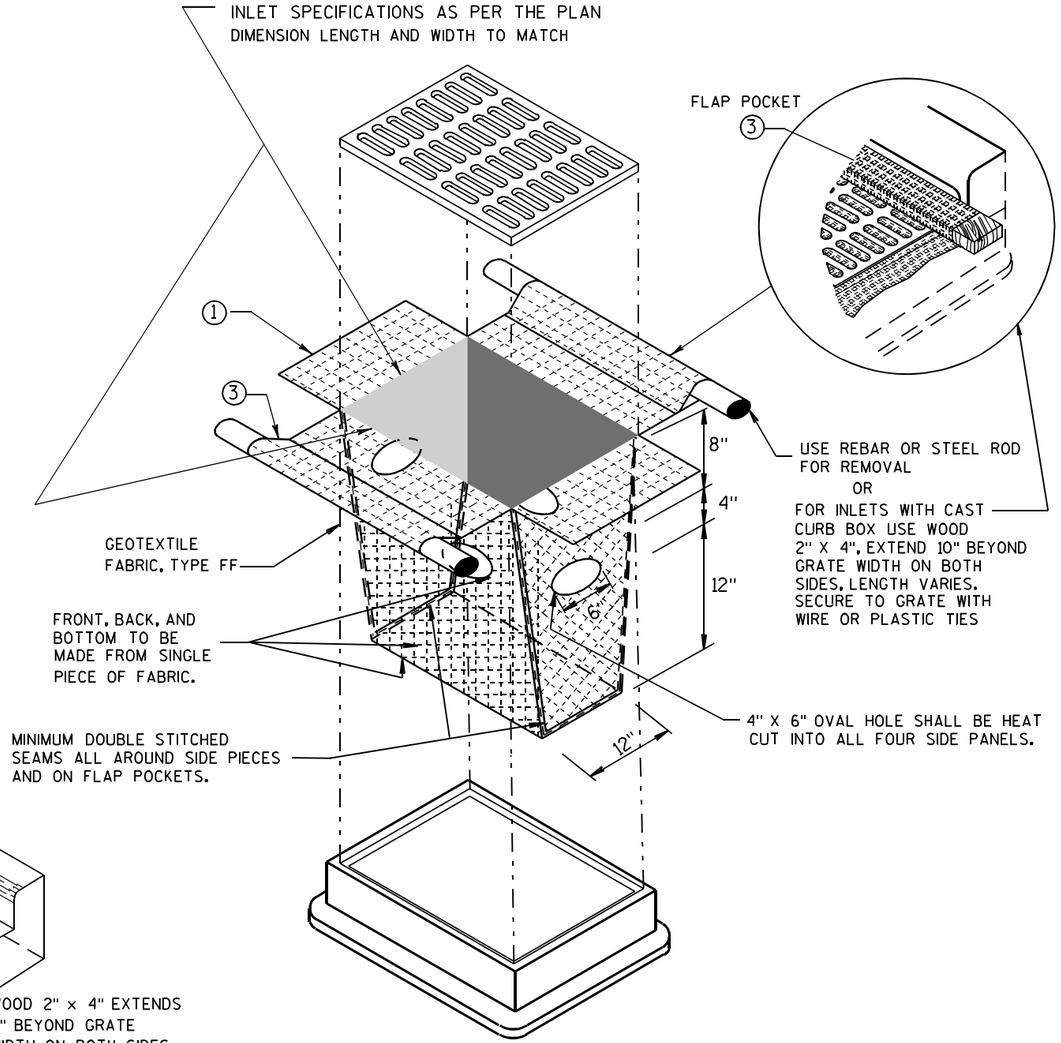


INLET PROTECTION, TYPE B
(WITHOUT CURB BOX)

(CAN BE INSTALLED IN ANY INLET WITHOUT A CURB BOX)



INLET PROTECTION, TYPE C (WITH CURB BOX)



INLET PROTECTION, TYPE D

(CAN BE INSTALLED IN ANY INLET TYPE WITH
OR WITHOUT A CURB BOX AS PER NOTE ②)

GENERAL NOTES

INLET PROTECTION DEVICES SHALL BE MAINTAINED OR REPLACED AT THE DIRECTION OF THE ENGINEER.

MANUFACTURED ALTERNATIVES APPROVED AND LISTED ON THE DEPARTMENT'S EROSION CONTROL PRODUCT ACCEPTABILITY LIST MAY BE SUBSTITUTED.

WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED ON THE GEOTEXTILE FABRIC DOES NOT FALL INTO THE INLET. ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED IMMEDIATELY.

① FINISHED SIZE, INCLUDING FLAP POCKETS WHERE REQUIRED, SHALL EXTEND A MINIMUM OF 10" AROUND THE PERIMETER TO FACILITATE MAINTENANCE OR REMOVAL.

② FOR INLET PROTECTION, TYPE C (WITH CURB BOX), AN ADDITIONAL 18" OF FABRIC IS WRAPPED AROUND THE WOOD AND SECURED WITH STAPLES. THE WOOD SHALL NOT BLOCK THE ENTIRE HEIGHT OF THE CURB BOX OPENING.

③ FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2X4.

INSTALLATION NOTES

TYPE B & C

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

THE CONTRACTOR SHALL DEMONSTRATE A METHOD OF MAINTENANCE, USING A SEWN FLAP, HAND HOLDS OR OTHER METHOD TO PREVENT ACCUMULATED SEDIMENT FROM ENTERING THE INLET.

TYPE D

DO NOT INSTALL INLET PROTECTION TYPE D IN INLETS SHALLOWER THAN 30", MEASURED FROM THE BOTTOM OF THE INLET TO THE TOP OF THE GRATE.

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

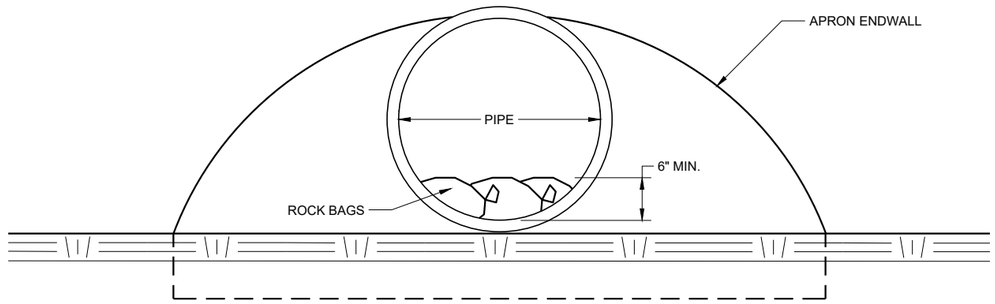
THE INSTALLED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE, BETWEEN THE INLET WALLS AND THE BAG, MEASURED AT THE BOTTOM OF THE OVERFLOW HOLES, OF 3". WHERE NECESSARY THE CONTRACTOR SHALL CINCH THE BAG, USING PLASTIC ZIP TIES, TO ACHIEVE THE 3" CLEARANCE. THE TIES SHALL BE PLACED AT A MAXIMUM OF 4" FROM THE BOTTOM OF THE BAG.

INLET PROTECTION
TYPE A, B, C, AND D

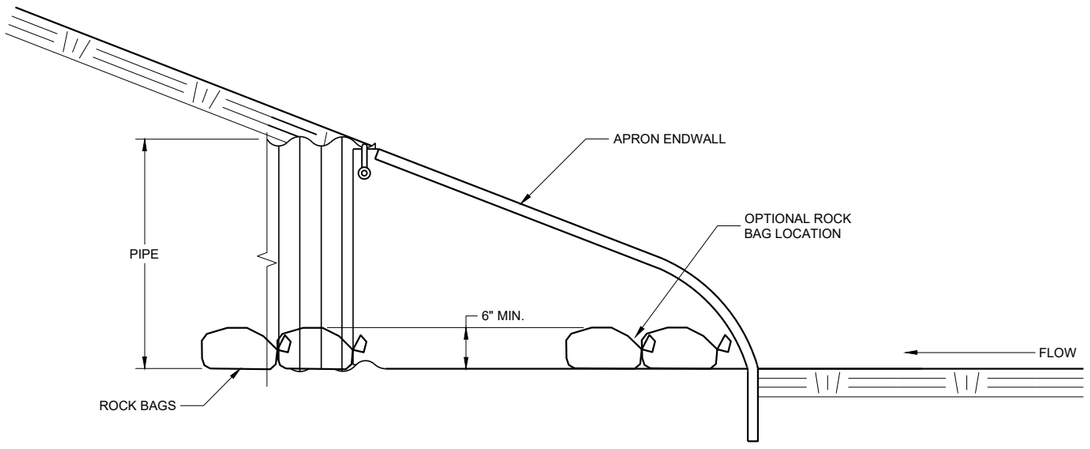
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
10/16/02
DATE
/S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

6
S.D.D. 8 E 10-2



END VIEW



SIDE VIEW

CULVERT PIPE CHECK

(INSTALL ON INLET END ONLY)

CULVERT PIPE CHECK

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2019
DATE

/S/ Daniel Schave
EROSION CONTROL ENGI

FHWA

6

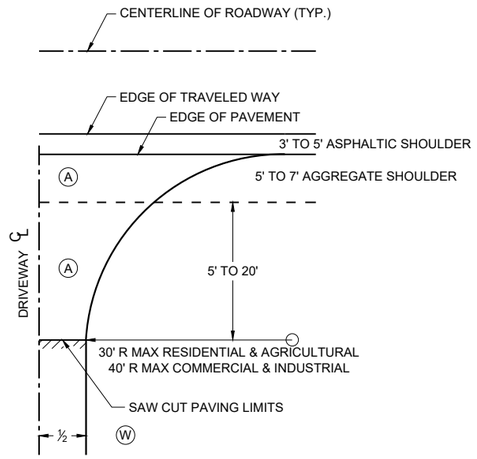
SDD 08E15 - 01

6

SDD 08E15 - 01

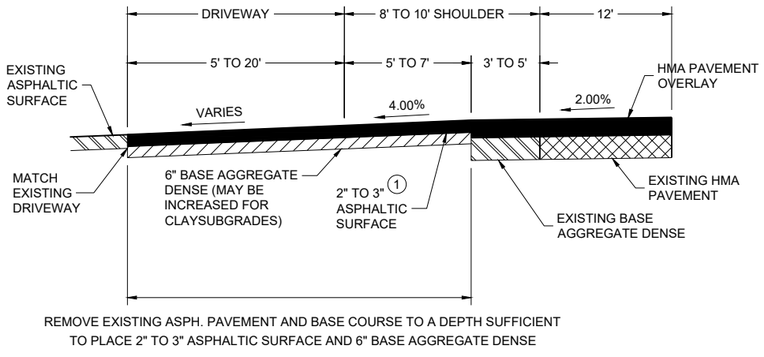
GENERAL NOTES

(1) DESIGN WILL DETERMINE FINAL DRIVEWAY ASPHALTIC THICKNESS BASED ON TYPE OF USAGE AND LOADINGS.



PLAN VIEW

HALF SECTION



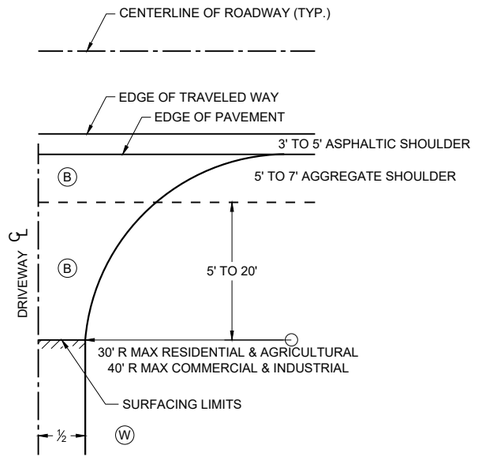
PROFILE VIEW

RURAL ENTRANCE WITH ASPHALTIC SURFACE RESURFACING PROJECTS

(A) : PAID FOR AS ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES. (TON)

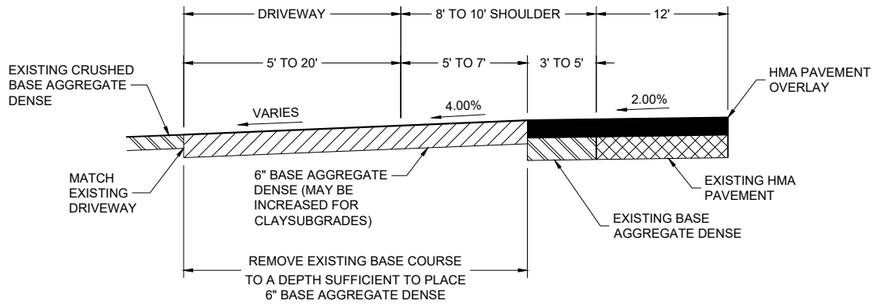
(B) : PAID FOR AS BASE AGGREGATE DENSE 1 1/4" (TON)

(W) : DRIVEWAY WIDTHS (MEASURED AT ROW LINE)
- ~ COMMERCIAL & INDUSTRIAL 16' MIN. - 35' MAX.
- ~ RESIDENTIAL & AGRICULTURAL (NONCOMMERCIAL) 16' MIN. - 24' MAX.



PLAN VIEW

HALF SECTION



PROFILE VIEW

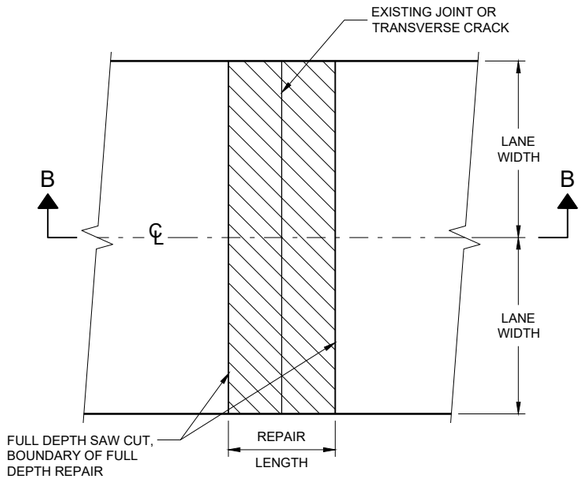
RURAL ENTRANCE WITH AGGREGATE SURFACE 6" BASE AGGREGATE DENSE RESURFACING PROJECTS

DRIVEWAYS WITHOUT CURB AND GUTTER RESURFACING PROJECTS RURAL

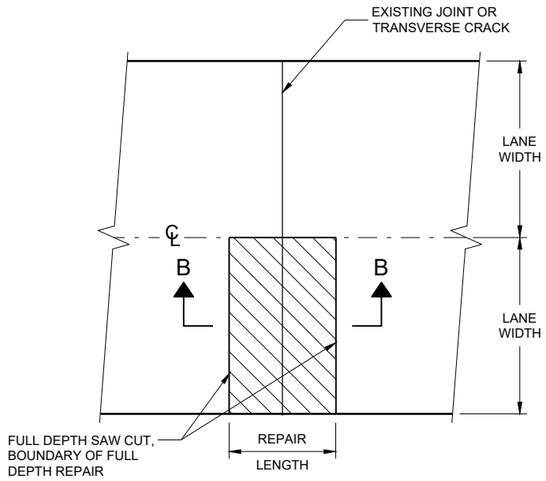
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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

6
SDD 09A15-01



PLAN VIEW
DOUBLE LANE REPAIR



PLAN VIEW
SINGLE LANE REPAIR

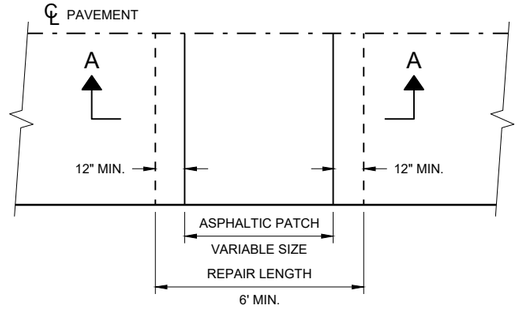
GENERAL NOTES

SAW CUT, DRILL, AND LIFT OUT EXISTING CONCRETE PAVEMENT WITHIN THE BOUNDARIES OF CONCRETE REPAIR AREAS. THE CONTRACTOR MAY MAKE ADDITIONAL SAW CUTS INSIDE THE REPAIR LIMITS TO REDUCE WEIGHT AND SIZE OF CONCRETE PIECES.

PROVIDE A 6 FOOT MINIMUM DISTANCE FROM BOUNDARIES OF CONCRETE REPAIR AREA TO ADJACENT TRANSVERSE JOINT OR CRACK.

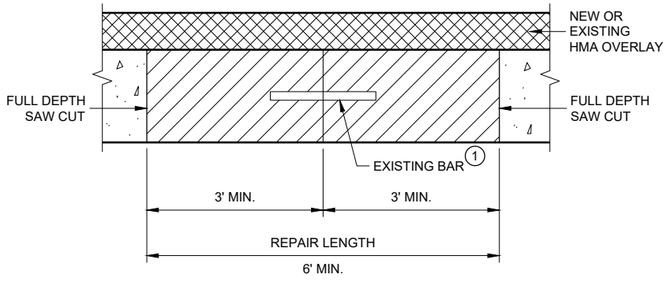
THE LENGTH OF THE REPAIRS MAY VARY FROM THE DIMENSIONS SHOWN IF THE EXISTING CONCRETE PAVEMENT IS NON-DOWELED AND THE PAVEMENT IS TO BE OVERLAID AFTER REPAIRING.

(1) DOWEL BARS MAY NOT BE PRESENT.

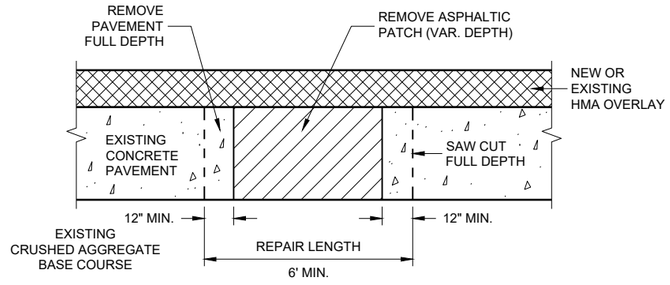


PLAN VIEW

FULL DEPTH CONCRETE PAVEMENT REMOVAL



SECTION B - B
CONCRETE REMOVAL



SECTION A - A

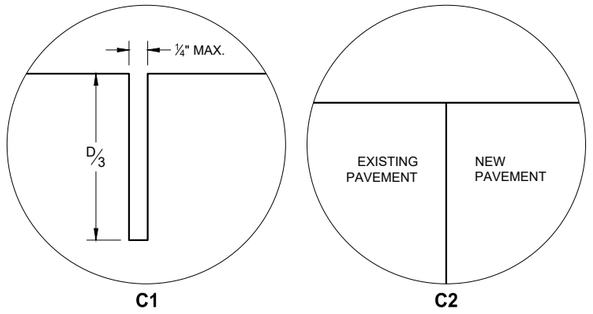
HMA PATCH REMOVAL

BASE PATCHING CONCRETE

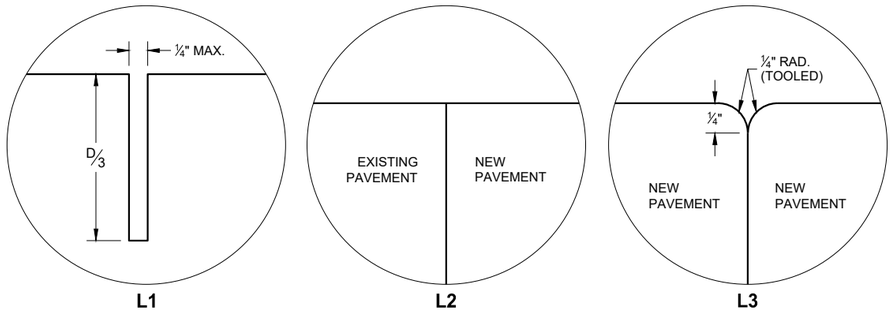
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTA

6

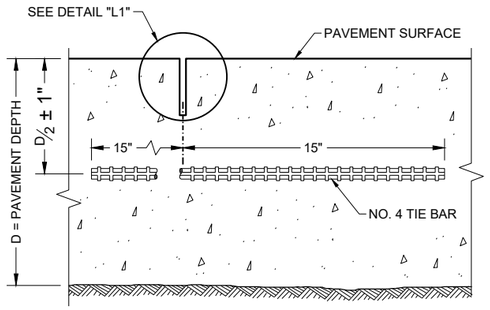
SDD 13C14 - 07a



TRANSVERSE JOINTS

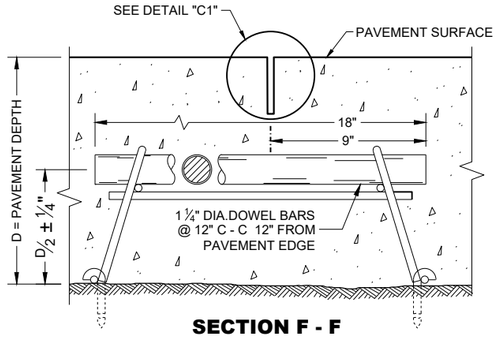


LONGITUDINAL JOINTS



SECTION C - C

SAWED LONGITUDINAL JOINT



SECTION F - F

CONTRACTION JOINT

GENERAL NOTES

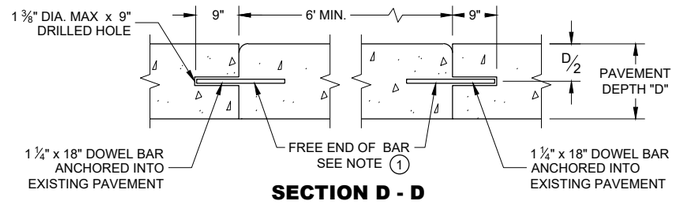
INSTALL DOWEL BARS PARALLEL TO THE PAVEMENT CENTERLINE AND PAVEMENT SURFACE.

CONCRETE BASE PATCHES OF EXISTING NON-DOWELED CONCRETE PAVEMENTS DO NOT NEED TO BE DOWELED.

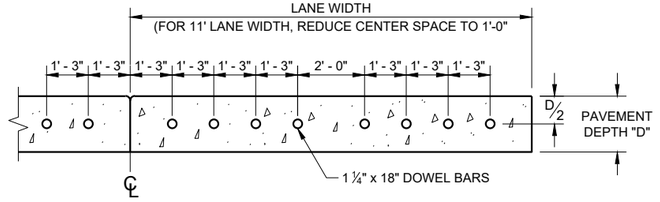
ANCHOR DOWEL BARS AND TIE BARS INTO DRILLED HOLES WITH AN EPOXY.

PROVIDE A MINIMUM DISTANCE OF 15 INCHES FROM ALL TRANSVERSE JOINTS OR EDGES OF REPLACEMENT TO THE CENTER OF THE TIE BAR NEAREST THAT JOINT O EDGE.

(1) APPLY A THIN UNIFORM COATING OF SURFACE TREATMENT TO THE FREE END OF DOWEL BARS TO PREVENT BONDING.

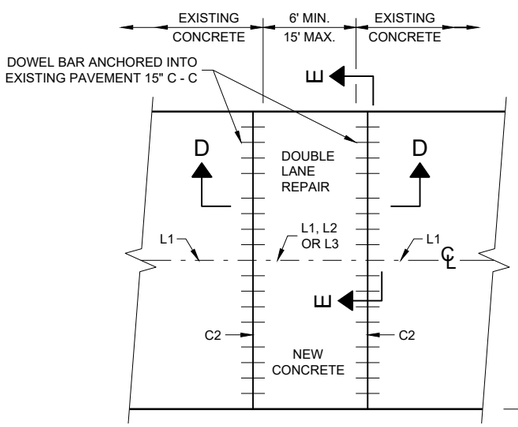


SECTION D - D



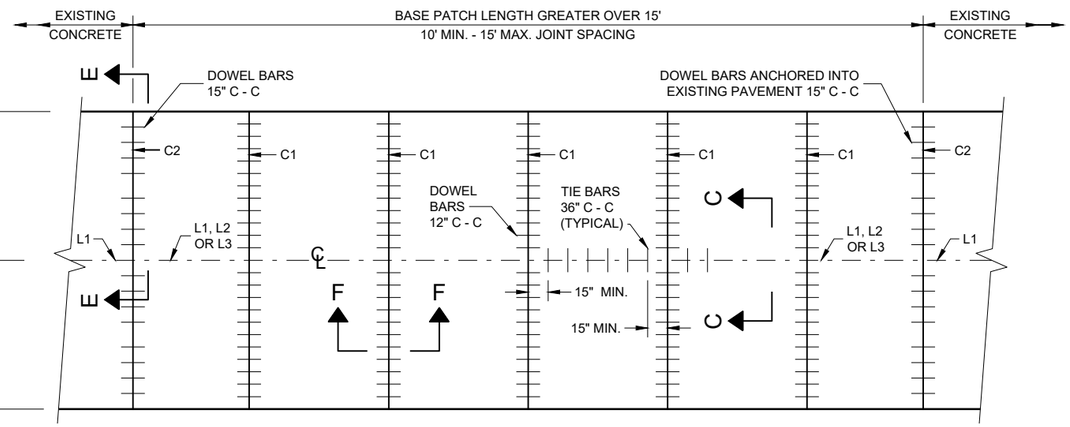
SECTION E - E

SPACING OF DOWEL BARS ANCHORED INTO EXISTING PAVEMENT



PLAN VIEW

MULTILANE CONCRETE BASE PATCH 15' MAXIMUM LENGTH



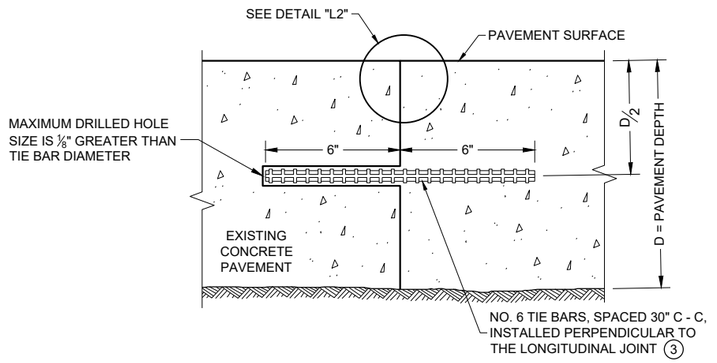
PLAN VIEW

MULTILANE CONCRETE BASE PATCH GREATER THAN 15' IN LENGTH

BASE PATCHING CONCRETE

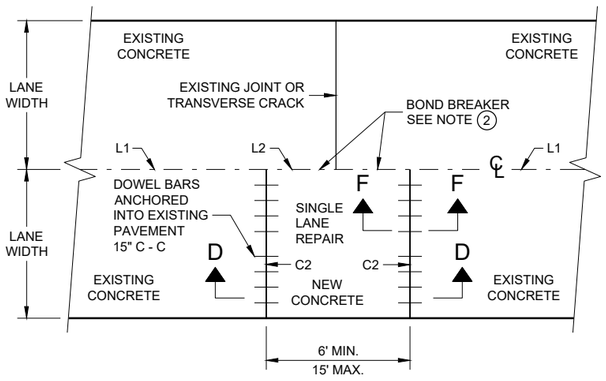
GENERAL NOTES

1. WITH THE APPROVAL OF THE ENGINEER, FOR SINGLE LANE PAVEMENT REPLACEMENTS LESS THAN 30 FEET IN LENGTH, THE CONTRACTOR MAY INSTALL DRILLED TIE BARS ON 6:1 SKEW HORIZONTALLY, DIRECTION OF SKEW ALTERNATING WITH EACH SUCCESSIVE BAR. DRIVE SKEWED TIE BARS TO A DEPTH OF 6 INCHES IN A HOLE OF SUCH A DIAMETER AS TO PROVIDE A TIGHT DRIVEN FIT.
2. USE AN ENGINEER APPROVED BOND BREAKER (E.G. RELEASE AGENT, CURING COMPOUND) FOR SINGLE LANE REPAIRS UP TO 15 FEET IN LENGTH.
3. ANCHOR TIE BARS INTO DRILLED HOES WITH AN EPOXY.



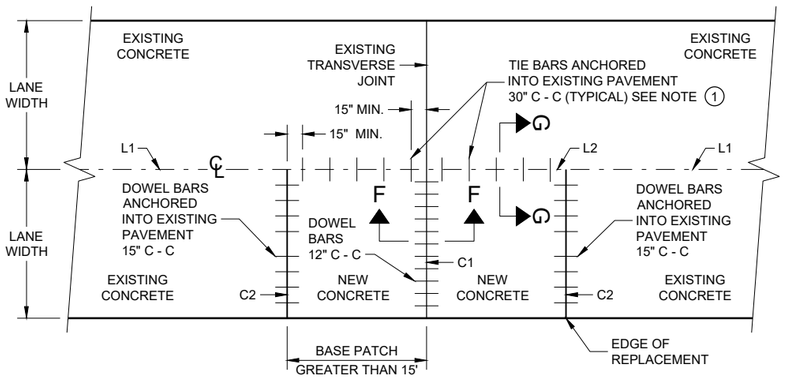
SECTION G - G

TIE BARS ANCHORED INTO EXISTING PAVEMENT



PLAN VIEW

SINGLE LANE CONCRETE BASE PATCH
15' MAXIMUM LENGTH



PLAN VIEW

SINGLE LANE CONCRETE BASE PATCH
GREATER THAN 15' LENGTH

BASE PATCHING CONCRETE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
March 2018
DATE

/S/ Peter Kemp, P.E.
PAVEMENT SUPERVISO

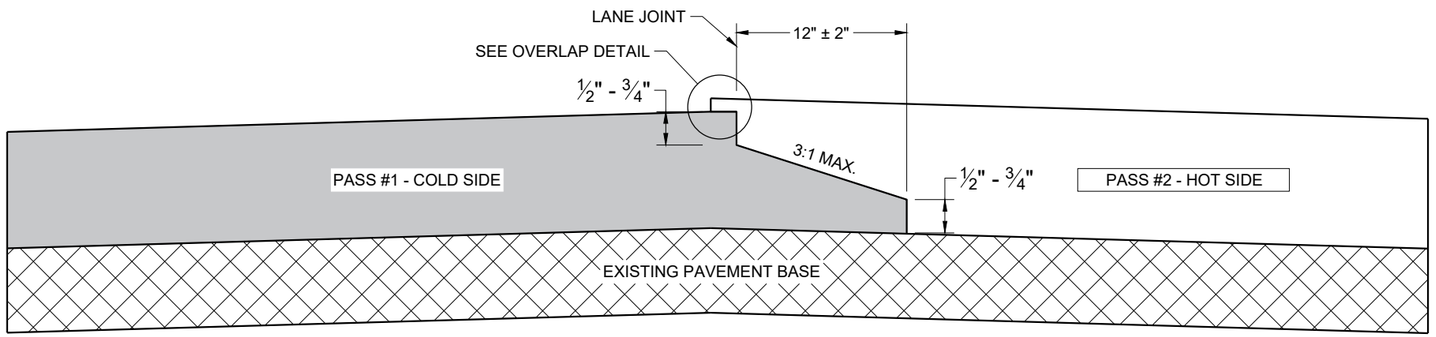
FHWA

6

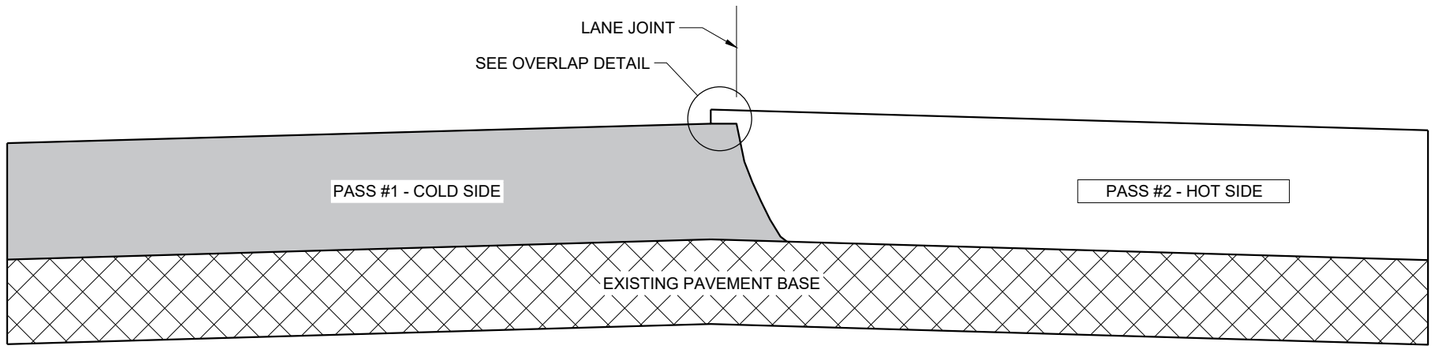
SDD 13C14 - 07c

6

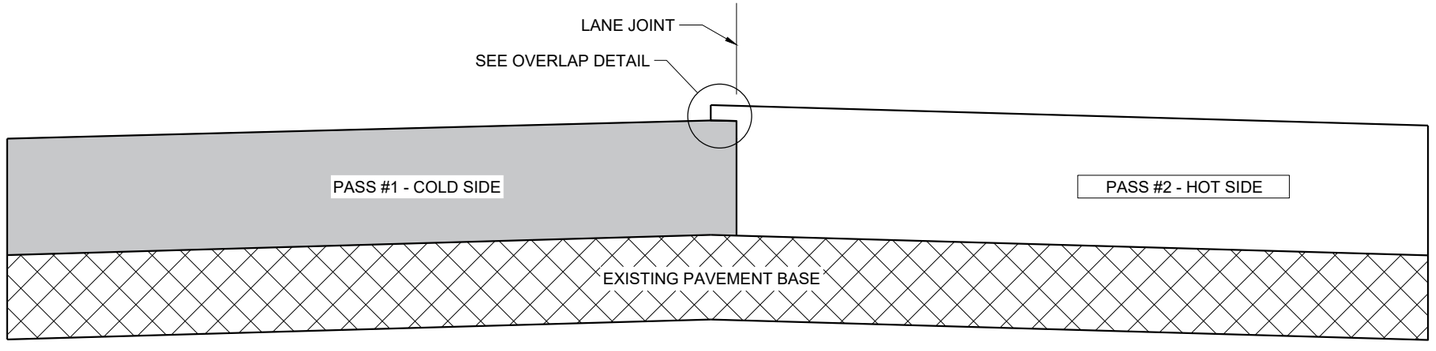
SDD 13C14 - 07c



TYPICAL PAVEMENT CROSS SECTION
NOTCHED WEDGE JOINT



TYPICAL PAVEMENT CROSS SECTION
VERTICAL JOINT



TYPICAL PAVEMENT CROSS SECTION
VERTICAL JOINT (MILLED)

GENERAL NOTES

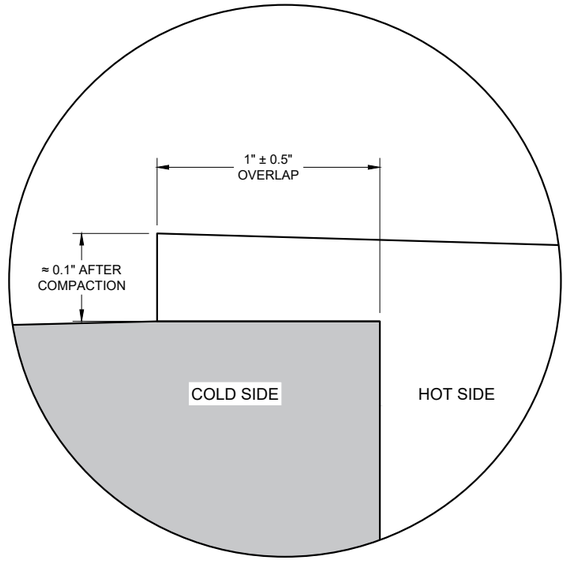
IN ADDITION TO THE DETAILS PROVIDED IN THIS DRAWING, CONFORM TO STANDARD SPECIFICATION 450.3.2.8 FOR WHEN A NOTCHED WEDGE JOINT IS REQUIRED AND FOR GENERAL JOINT CONSTRUCTION REQUIREMENTS.

FOR ALL LONGITUDINAL JOINTS, ENSURE THE PAVER SCREED OVERLAPS THE PREVIOUSLY PLACED PAVEMENT BY 1" ± 0.5" AND THE HOT SIDE OF THE JOINT REMAINS HIGHER THAN THE COLD SIDE BY APPROXIMATELY 0.1" AFTER FINAL COMPACTION. (IT WILL BE FLUSH WHEN PAVING IN ECHELON.)

ONLY REMOVE THE LONGITUDINAL NOTCHED WEDGE JOINT FOR SMA PAVEMENT OR AS DIRECTED BY THE ENGINEER TO ADDRESS SPECIFIC LENGTHS OF JOINT DAMAGED BY TRAFFIC.

WHEN MILLING BACK OR REMOVING ANY LONGITUDINAL JOINT, LIMIT THE MATERIAL REMOVED TO 2" FROM THE TOP NOTCH OR FROM THE VERTICAL JOINT EDGE ON THE COLD SIDE OF THE JOINT.

USE LONGITUDINAL MILLED JOINT AS PLANS SHOW OR THE AS THE ENGINEER DIRECTS.



OVERLAP DETAIL (TYPICAL)

6

6

SDD 13C19 - 03

SDD 13C19 - 03

HMA LONGITUDINAL JOINTS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2020
DATE

/S/ Steven Hefel
HMA PAVEMENT ENGIN

FHWA

SDD 14B15a Steel Plate Beam Guard, Class "A", Installation and Elements

GENERAL NOTES

1. WOOD OR STEEL POSTS (w6X9 OR w6X8.5) AND NOTCHED PLASTIC BLOCKOUTS ARE ACCEPTABLE ALTERNATIVES FOR 6"X8" WOOD POSTS WITH WOOD OR PLASTIC BLOCKOUTS. USE APPROVED NOTCHED PLASTIC BLOCKOUTS WITH STEEL POSTS. APPROVED PLASTIC BLOCKOUT DESIGNS MAY VARY FROM THIS TYPICAL DETAIL WHEN USED IN CONJUNCTION WITH STEEL POSTS. DO NOT MIX STEEL AND WOOD POSTS IN A SINGLE INSTALLATION.

2. USE STRUCTURAL STEEL POSTS CONFORMING TO ASTM A 36. GALVANIZED POSTS ACCORDING TO AASHTO M 111. EITHER SET THE POSTS IN DRILLED HOLES OR DRIVE TO GRADE. REMOVE MUSHROOMING CAUSED BY DRIVING AND REPAIR DAMAGE SPELTER COATING ON GALVANIZED POSTS.

3. INSTALL STEEL POSTS WITH HOLES ON APPROACHING TRAFFIC SIDE.

4. USE EITHER WOOD OR APPROVED PLASTIC BLOCKOUTS ON WOOD POSTS.

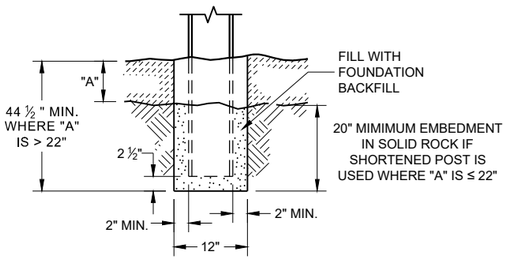
5. IF THE DISTACE FROM BACK OF POST TO SHOULDER HIGHE POINT IS LESS THAN 2 FEET, INSTALL LONGER POST AT HALF POST SPACING, W BEAM (LHW).

6. IF ROCK IS ENCOUNTERED DURING EXCAVATION, THE ENGINEER MAY APPROVE USING A 12 INCHES IN DIAMETER POST HOLE EXTENDING 20 INCHES DEEP INTO THE ROCK. PLACE APPROXIMATELY 2 1/2" INCHES OF GRANULAR MATERIAL IN THE BOTTOM OF THE HOLE. CUT THE POSTS THE TO LENGTH AMD INSTALL. BACKFILL WITH EXCAVATED MATERIAL AND COMPACT ADEQUATELY.

7. WHEN USING STEEL POSTS AND WOOD BLOCKOUTS, INSTALL FOUR 16d GALVANIZED NAILS. INSTALL NAILS AT THE BACK CORNERS OF THE BLOCK AND BEND THE NAILS OVER THE FLANGE OF THE STEEL POST.

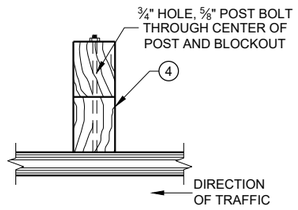
INSTALL BEAM GUARD SECTIONS AND ALL NECESSARY HARDWARE ACCORDING TO THE APPLICABLE PLAN AND CURRENT STANDARD AND SUPPLEMENTAL SPECIFICATIONS.

ALL DIMENSIONS ARE SUBJECT TO MANUFACTURER'S TOLERANCES EXCEPT WHERE ALLOWABLE TOLERANCES ARE SHOWN.



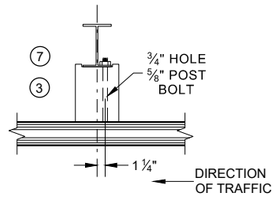
END VIEW

SETTING STEEL OR WOOD POST IN ROCK (6)



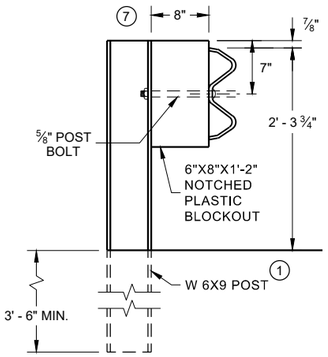
PLAN VIEW

WOOD POST, BLOCKOUT AND BEAM



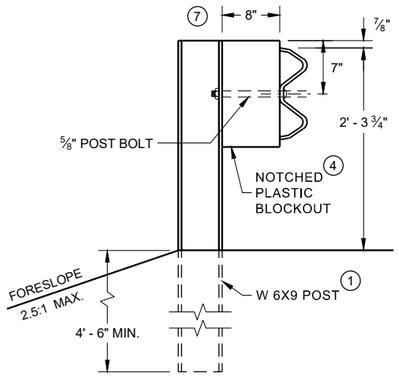
PLAN VIEW

WOOD POST, BLOCKOUT AND BEAM



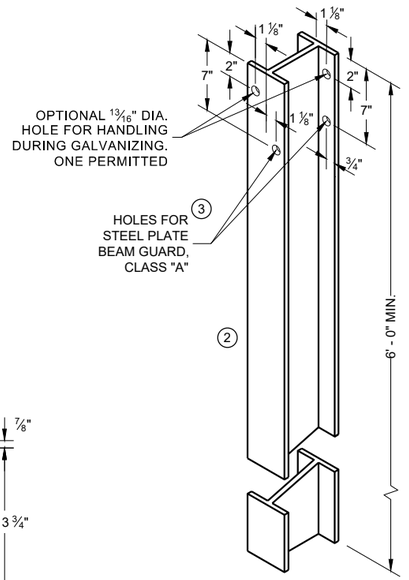
END VIEW

STEEL POST AND NOTCHED PLASTIC BLOCKOUT ALTERNATIVE STANDARD INSTALLATION



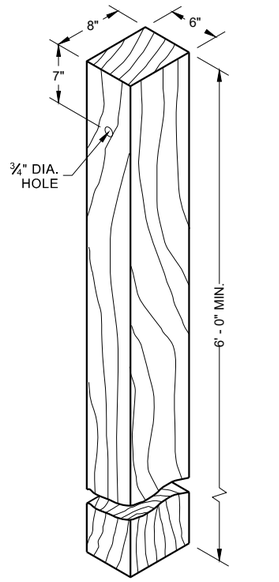
END VIEW

LONGER POST AT HALF POST SPACING W BEAM (LHW)

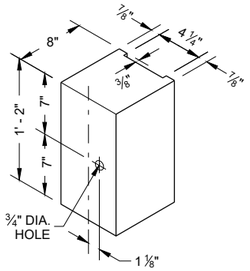


STEEL POST & HOLE PUNCHING DETAIL (W 6 X 9) (1)

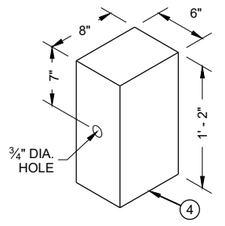
ALL HOLES 13/16" DIAMETER EXCEPT AS NOTED



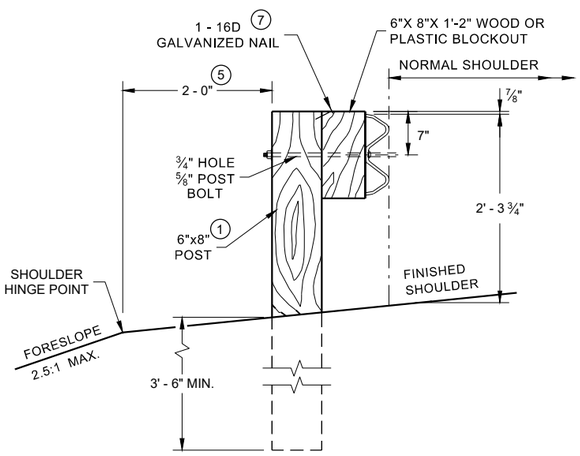
WOOD POST (6" X 8") NOMINAL (1)



TYPICAL NOTCHED PLASTIC BLOCKOUT FOR STEEL POSTS

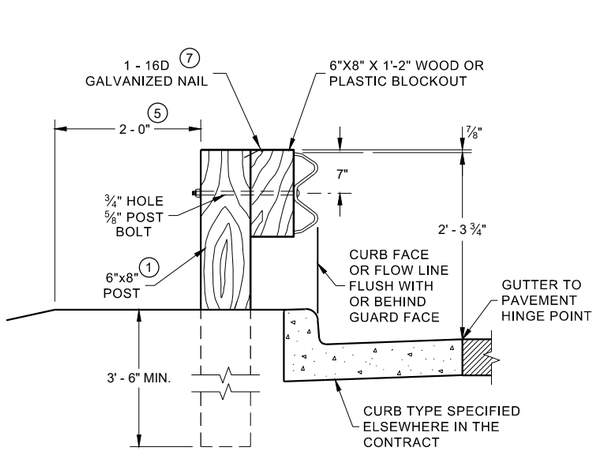


WOOD OR PLASTIC BLOCKOUT FOR WOOD POSTS



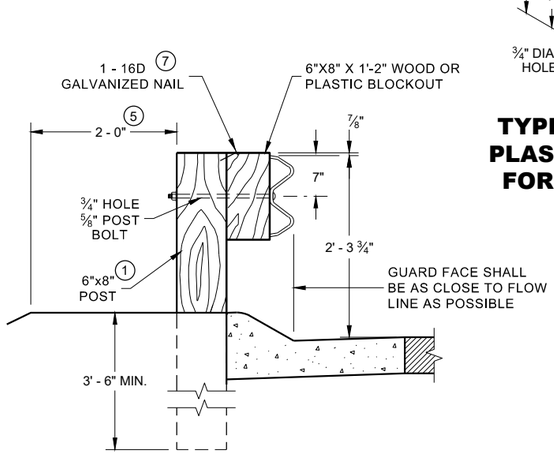
END VIEW

LOCATED ALONG A ROADWAY SHOULDER STANDARD INSTALLATION



END VIEW

LOCATED ALONG A CURBED ROADWAY



END VIEW

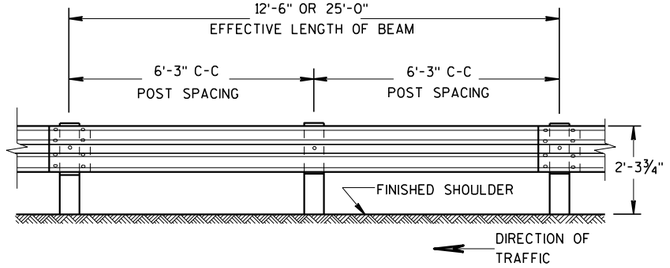
LOCATED ALONG A MOUNTABLE CURBED ROADWAY

STEEL PLATE BEAM GUARD, CLASS "A" INSTALLATION AND ELEMENTS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

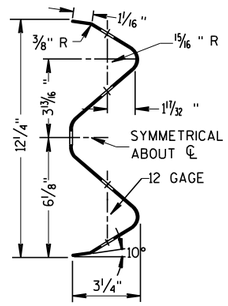
6

SDD 14B15 -11a

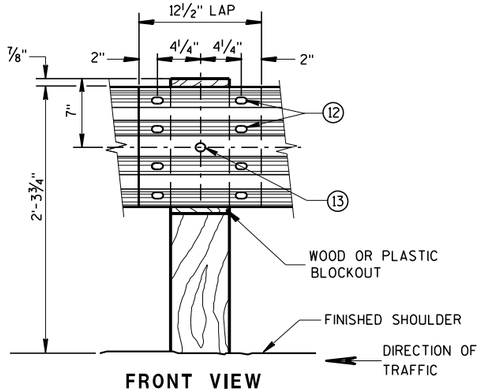


FRONT VIEW

POST SPACING STANDARD INSTALLATION



SECTION THRU W BEAM



FRONT VIEW

BEAM SPLICE AT WOOD POST AND POST MOUNTING DETAIL

GENERAL NOTES

FURNISH GUARDRAIL DEFLECTORS FROM APPROVED PRODUCTS LIST.

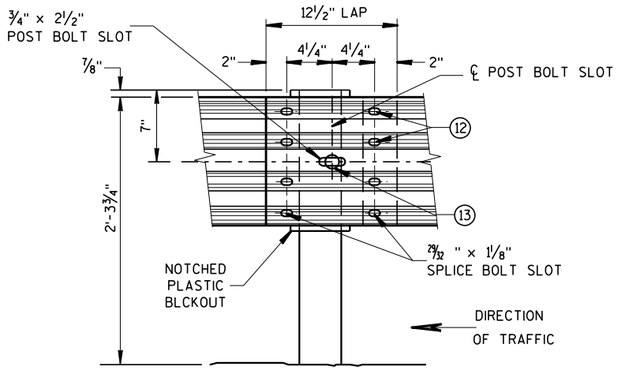
(9) DO NOT INSTALL REFLECTORS ON THE FIRST 50 FEET OF THE APPROACH END OF THE ENERGY ABSORBING TERMINA. START REFLECTORS AT POST #9 AND SPACE EVENLY EVERY 100 FEET (MAX.) TO THE END OF GUARDRAIL RUN, USING A MINIMUM OF 3 REFLECTORS.

(12) 8 -5/8" ϕ X 2" BUTTON HEAD BOLTS WITH OVAL SHOULDERS & RECESS NUTS.

(13) 5/8" DIA. BUTTON HEAD BOLT AND RECESS NUT WITH 5/8" DIA. F844 FLAT WASHER UNDER NUT.

FRONT VIEW

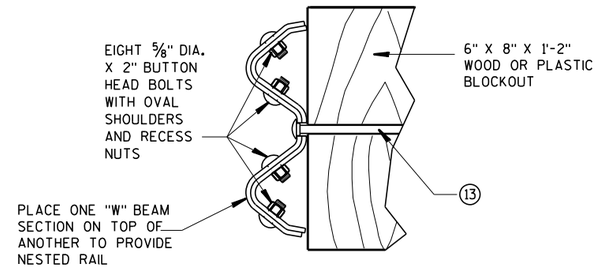
POST SPACING FOR LONGER POST AT HALF POST SPACING W BEAM (LHW)



FRONT VIEW

BEAM SPLICE AT STEEL POST

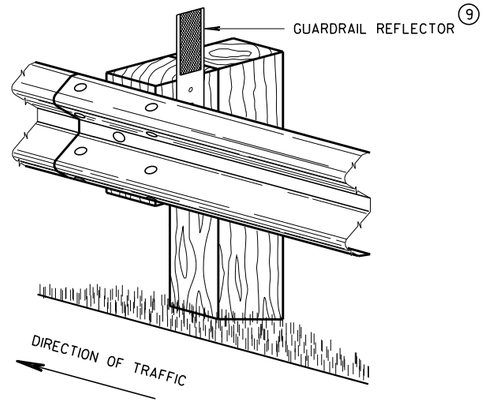
TYPICAL SPLICING DETAILS OF STEEL PLATE BEAM GUARD



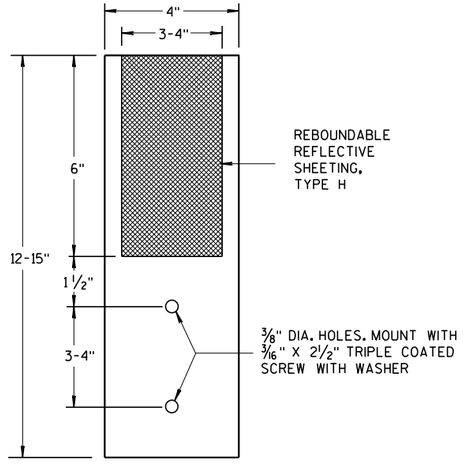
NESTED W BEAM (NW)

USE ALL OTHER STANDARD BEAM GUARD DETAILS FOR CONSTRUCTING NESTED W BEAM (NW)

* USE DOUBLE SIDED WHITE GUADRAIL REFLECTORS ON ROADWAYS WITH BI-DIRECTIONAL TRAFFIC (NO MEDIAN). USE SINGLE SIDED WHITE (RIGHT SIDE) AND SINGLE SIDED YELLOW (LEFT SIDE) ON ROADWAYS WITH MEDIAN SEPARATION.



4" X 12" GUARDRAIL REFLECTOR DETAIL AND TYPICAL INSTALLATION *



4"x 12" GUARDRAIL REFLECTOR

STEEL PLATE BEAM GUARD, CLASS "A", INSTALLATION & ELEMENTS

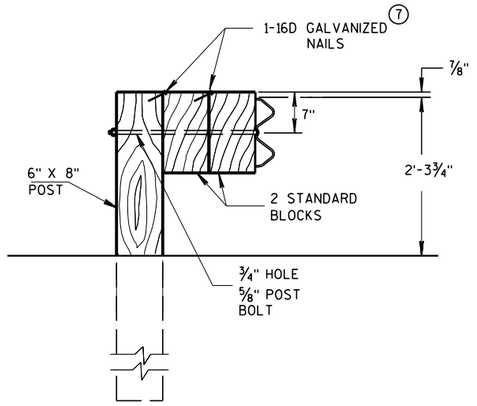
STATE OF WISCO 177
DEPARTMENT OF TRANSPORTATION

6

S.D.D. 14 B 15-11b

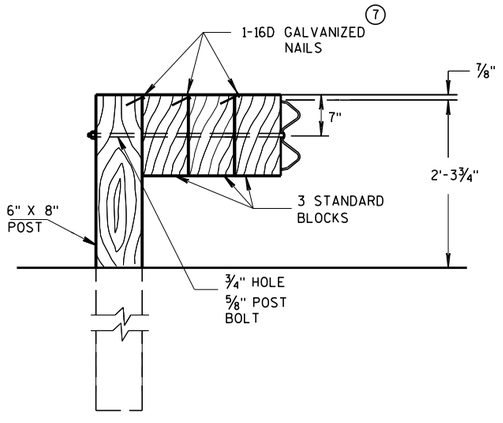
6

S.D.D. 14 B 15-11b



DETAIL FOR DOUBLE BLOCKS

THE NUMBER OF DOUBLE BLOCK POSTS WITHIN A BARRIER RUN IS UNLIMITED

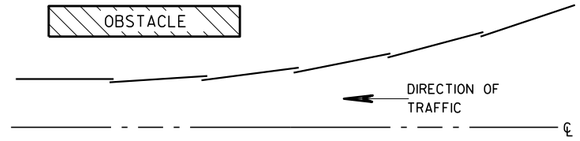


DETAIL FOR TRIPLE BLOCKS

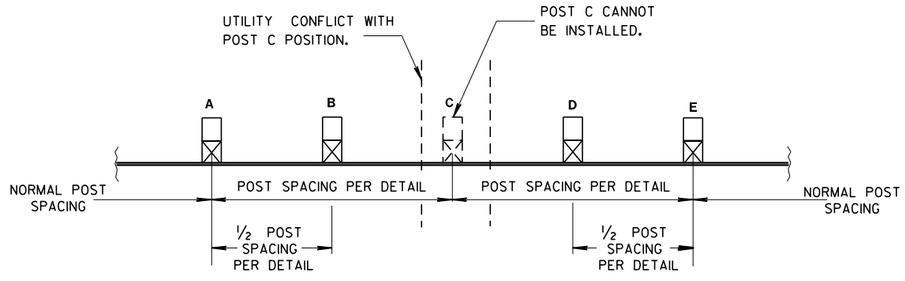
TRIPLE BLOCK DETAIL IS LIMITED TO ONE LOCATION WITHIN A BEAM GUARD RUN.

NOTES: USE DOUBLE OR TRIPLE BLOCKS WHEN UNDERGROUND OBSTACLES PREVENT THE POST FROM BEING INSTALLED.

DO NOT USE EXTRA BLOCKOUTS IF IT CAUSES THE POST TO BE DRIVEN BEYOND SHOULDER HINGE POINT OR CAUSES A FIXED OBJECT TO BE WITHIN THE DEFLECTION DISTANCE OF THE BARRIER.



PLAN VIEW
BEAM LAPPING DETAIL



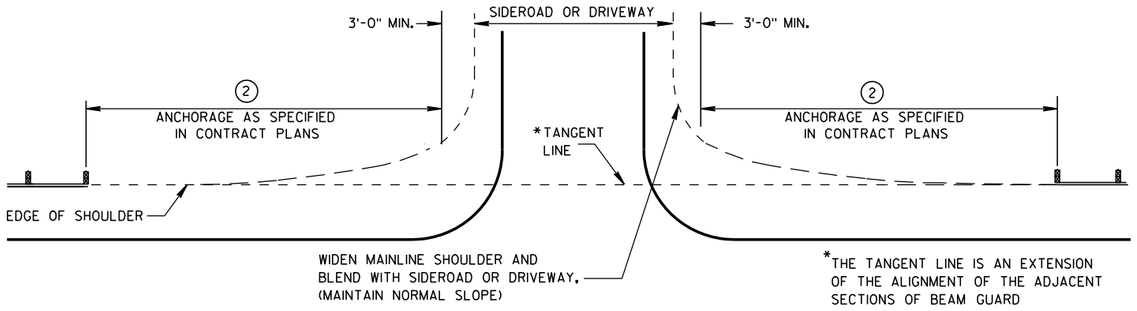
POST DRIVING FOR CONTINUOUS UNDERGROUND OBSTRUCTION

STEEL PLATE BEAM GUARD, CLASS "A", INSTALLATION & ELEMENTS

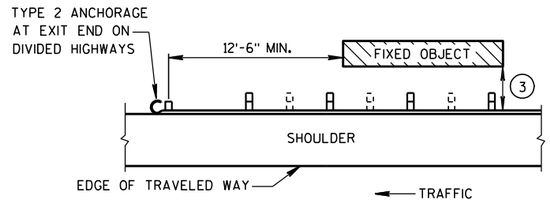
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June 2017 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS UNIT SUPERVISOR
FHWA

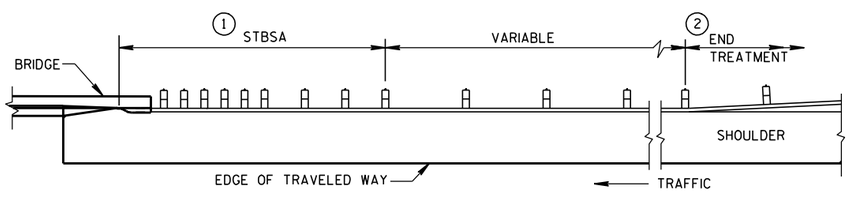
6
S.D.D. 14 B 15-11c



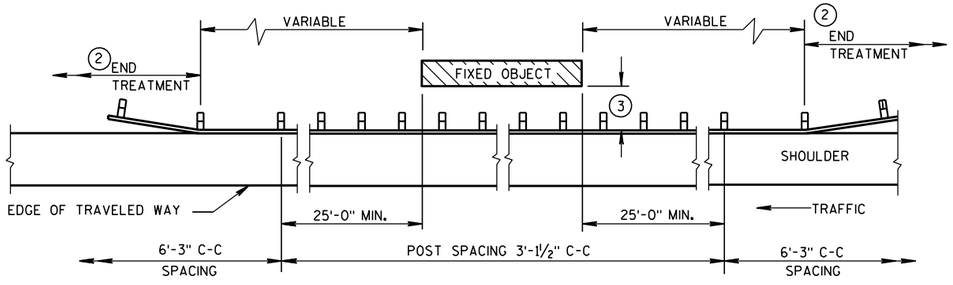
BEAM GUARD AT SIDEROADS OR DRIVEWAYS



BEAM GUARD AT OBSTACLES EXIT END - ONE WAY TRAFFIC

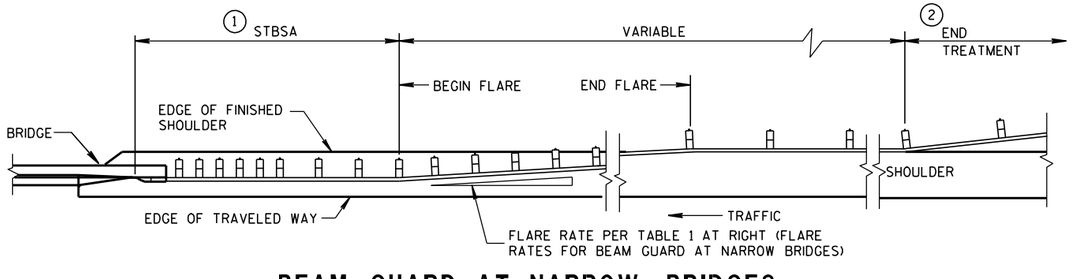


BEAM GUARD AT FULL WIDTH BRIDGES



BEAM GUARD AT OBSTACLES - TWO WAY TRAFFIC

(RAIL TO OBSTACLE CLEARANCE 3'-6" TO 4'-6")



BEAM GUARD AT NARROW BRIDGES

(FLARED TO SHOULDER EDGE, THEN PARALLEL TO ROADWAY)

TABLE 1
FLARE RATES FOR BEAM GUARD AT NARROW BRIDGES

POSTED SPEED (MPH)	FLARE RATE
25	13:1
30	15:1
35	16:1
40	18:1
45	21:1
50	24:1
55	26:1
65	30:1

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE PERTINENT STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

W6 X 9 OR W6 X 8.5 STEEL POSTS WITH NOTCHED PLASTIC BLOCKOUTS ARE ACCEPTABLE ALTERNATIVES FOR 6" X 8" WOOD POSTS WITH WOOD OR PLASTIC BLOCKOUTS. USE APPROVED NOTCHED PLASTIC BLOCKOUTS WITH STEEL POSTS.

THE LOCATIONS AND LENGTHS OF BEAM GUARD ARE SHOWN ELSEWHERE IN THE PLAN.

(1) STEEL THRIE BEAM STRUCTURAL APPROACH (STBSA) - SEE CURRENT SDD 14B20.

(2) USE AN APPROVED END TREATMENT FOR THE TRAFFIC APPROACH SIDE OF BRIDGE/OBSTACLES. USE TYPE 2 ANCHORAGE ONLY AT THE DOWNSTREAM ENDS OF BEAM GUARD LOCATED ALONG ROADWAYS WITH ONE WAY TRAFFIC.

(3)

MINIMUM LATERAL DISTANCE FROM FACE OF BEAM GUARD TO FIXED OBJECT	POST SPACING
3'-6"	3' - 1½"
4'-6"	6' - 3"

STEEL PLATE BEAM GUARD CLASS "A" AT BRIDGES, OBSTACLES AND SIDEROADS/DRIVEWAYS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
8-21-07 DATE
/S/ Jerry H. Zogg
ROADWAY STANDARDS DEVELOPMENT ENGINEER
FHWA

6
S.D.D. 14 B 18-6a

BILL OF MATERIALS

NOTE NO.	DESCRIPTION
①	WOOD BREAKAWAY TERMINAL POST: 5½" X 7½" X 3'-9"
②	STEEL TUBE TS 8" X 6" X 0.188", 6'-0"
④	WOOD BREAKAWAY CRT POST: 6" X 8" X 6'-0"
⑤	WOOD OFFSET BLOCKS: 6' X 8" X 1'-2"
⑥	PIPE SLEEVE: 2" X 5 ½" STANDARD PIPE
⑦	BEARING PLATE
⑧	BCT CABLE ASSEMBLY
⑨	CABLE ANCHOR BOX
⑩	STRUT & YOKE
⑪	STEEL PLATE BEAM, END PANEL 12 GA.
⑫	STEEL PLATE BEAM: 12 GA. 13'-6½"
⑬	IMPACT HEAD
⑭	0.040" ALUMINUM SHEET WITH REFLECTIVE SHEETING TYPE F PER SECTION 637 OF THE STANDARD SPECIFICATIONS

GENERAL NOTES

FOLLOW MANUFACTURE'S BOLTING RECOMMENDATIONS.

(A) THE SLOPE IN THE AREA BOUNDED BY THE GRADELINE, THE HINGE POINT LINE (HPL), AND THE CLEAR ZONE LIMITS (CZL) SHALL BE 4:1 OR FLATTER.

(B) AFTER FINAL ASSEMBLY, RECHECK CABLE TO BE SURE IT IS TAUT AND HAS NOT RELAXED.

(D) THE TOP OF THE STEEL TUBE ON POSTS 1 AND 2 SHALL NOT BE MORE THAN 3" ABOVE THE FINISH GROUND ELEVATION.

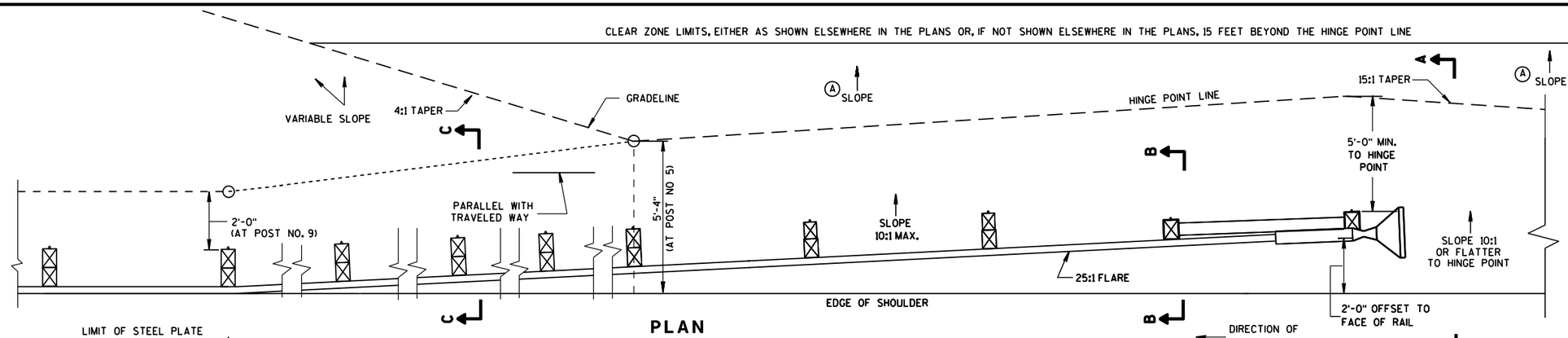
(E) THE CENTER OF THE UPPER 3½" DIAMETER HOLE ON POST 3 THROUGH 8 SHALL BE ¾" ABOVE THE FINISHED GROUND LINE.

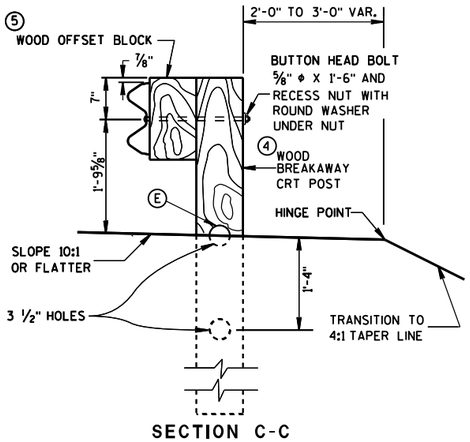
(F) ATTACH ALUMINUM SHEET TO E.A.T. HEAD USING 4 STAINLESS STEEL SELF-TAPPING SCREWS. ONE SCREW PER CORNER.

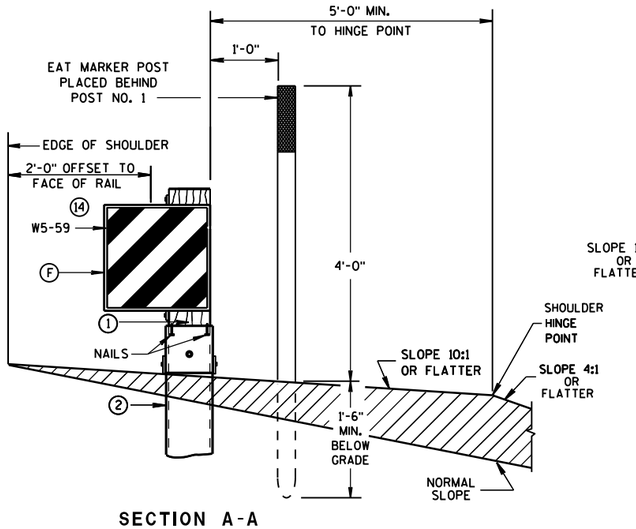
STEEL POSTS SHALL NOT BE ALLOWED FOR USE WITH ENERGY ABSORBING TERMINALS.

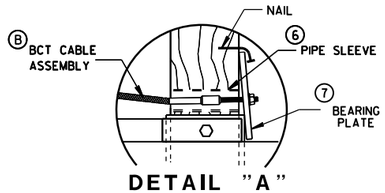
DO NOT INSTALL REFLECTORS ON THE FIRST 50 FEET OF THE APPROACH END OF THE ENERGY ABSORBING TERMINAL.

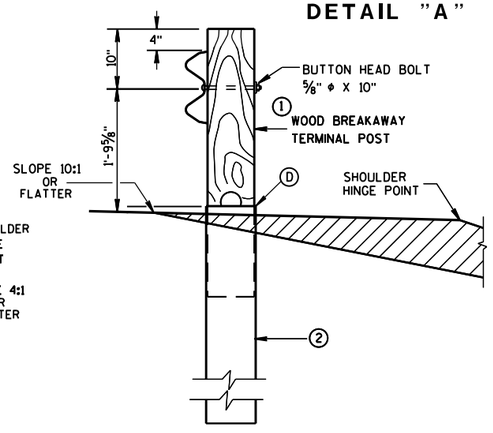
* DO NOT ATTACH BLOCKOUTS TO POSTS 1 AND 2.

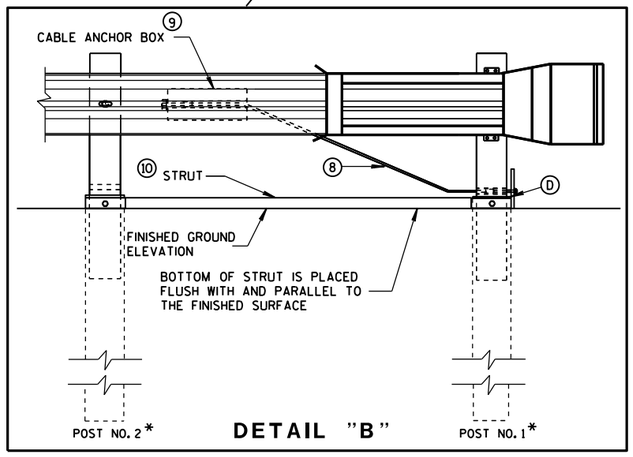










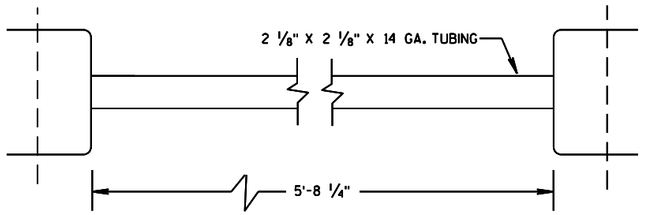


STEEL PLATE BEAM GUARD ENERGY ABSORBING TERMINAL

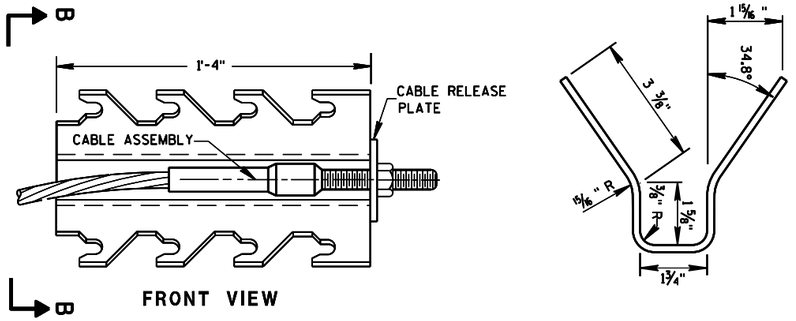
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

6

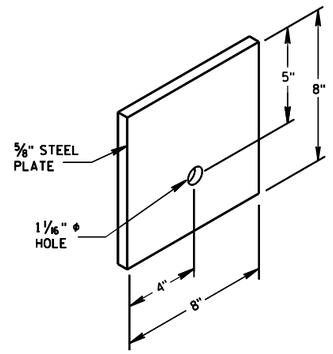
S.D.D. 14 B 24-9a



⑩ STRUT DETAIL



⑨ CABLE ANCHOR BOX



⑦ STEEL BEARING PLATE

6

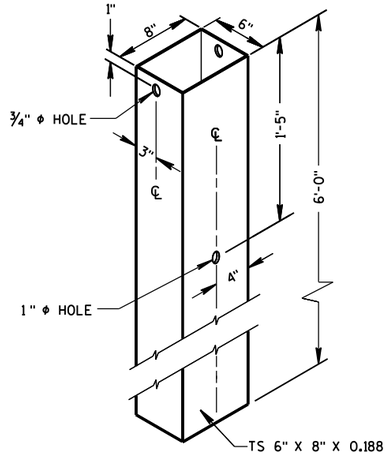
6

S.D.D. 14 B 24-9b

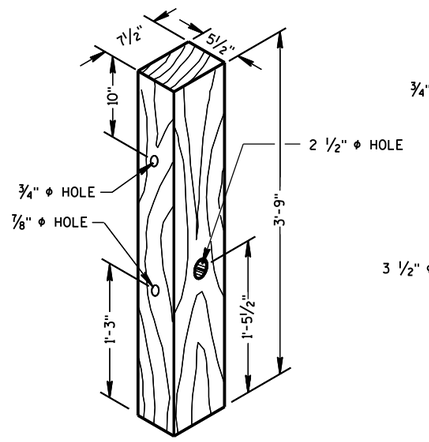
S.D.D. 14 B 24-9b

STEEL PLATE BEAM GUARD
ENERGY ABSORBING TERMINAL

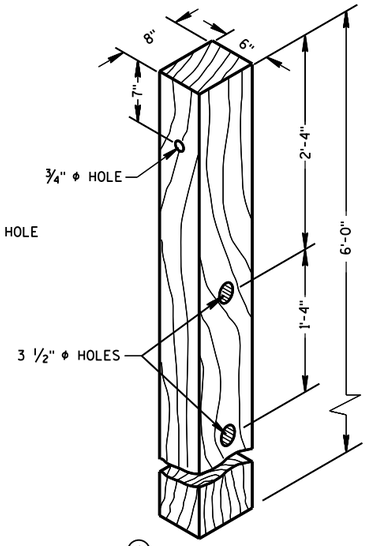
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI



② 72" STEEL TUBE
(POSTS NO. 1-2



① TERMINAL POST

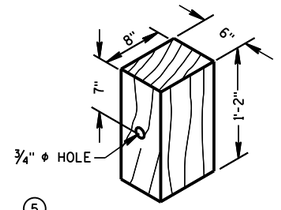


④ CRT POST
(POSTS NO'S 5-8

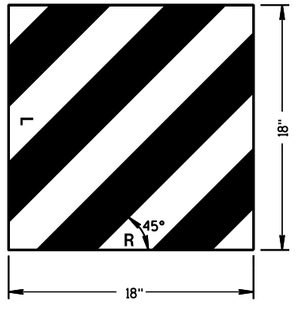
WOOD BREAKAWAY POSTS

GENERAL NOTES

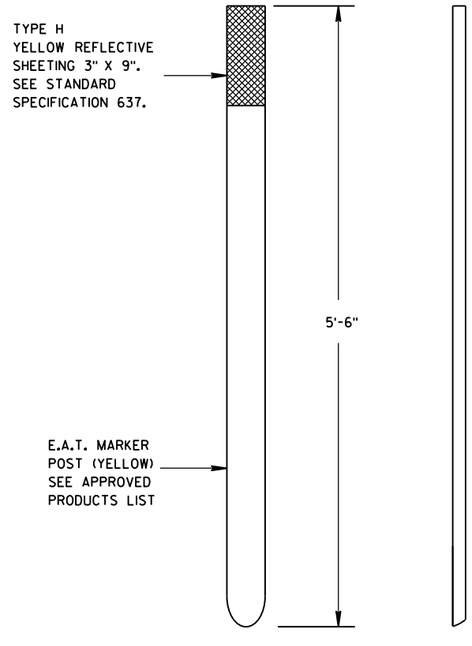
WHEN ROCK IS ENCOUNTERED DURING EXCAVATION, A 12 INCH DIA. POST HOLE EXTENDING 20 INCHES DEEP INTO THE ROCK MAY BE USED IF APPROVED BY THE ENGINEER. GRANULAR MATERIAL SHALL BE PLACED IN THE BOTTOM OF THE HOLE APPROXIMATELY 2 ½" INCHES DEEP TO PROVIDE DRAINAGE. THE SOIL TUBES SHALL BE FIELD CUT TO LENGTH, PLACED IN THE HOLE AND BACKFILLED WITH ADEQUATELY COMPACTED MATERIAL EXCAVATED FROM THE HOLE.



⑤ WOOD OFFSET BLOCK
REQ'D. AT ALL POSTS EXCEPT POST NO'S 1 & 2



⑭ REFLECTIVE SHEETING DETAILS



E.A.T. MARKER POST

STEEL PLATE BEAM GUARD
ENERGY ABSORBING TERMINAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June 2017
DATE
FHWA

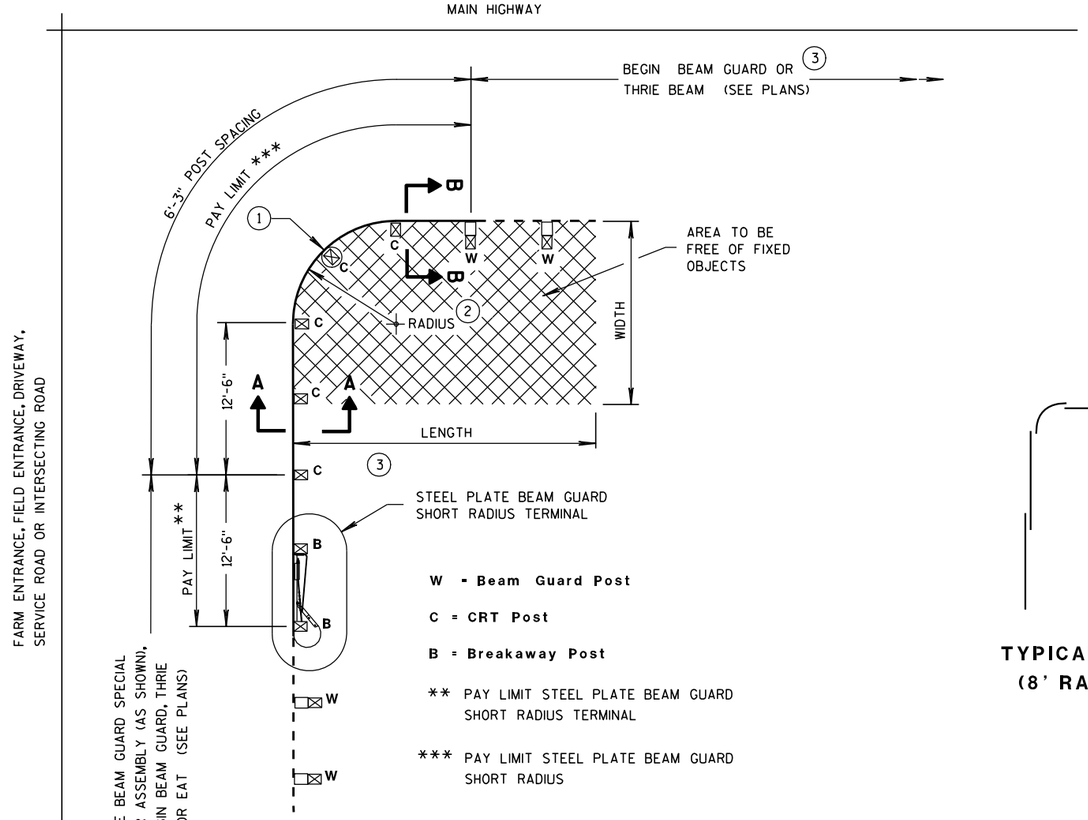
/S/ Rodney Taylor
ROADWAY STANDARDS UNIT SUPERV...
ENT

6

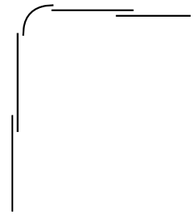
S.D.D. 14 B 24-9c

6

S.D.D. 14 B 24-9c



TYPICAL LAYOUT
(8' RADIUS SHOWN)



TYPICAL LAP SPLICES
(8' RADIUS SHOWN)

GENERAL NOTES

ALL ANGLES, CHANNELS, AND PLATES SHALL CONFORM TO THE REQUIREMENTS OF ASTM A36 AND THE STRUCTURAL TUBING SHALL CONFORM TO ASTM A 500. WELDING SHALL MEET THE CURRENT REQUIREMENTS OF THE AMERICAN WELDING SOCIETY STRUCTURAL WELDING CODE ANSI/AWS D1.1. ALL STRUCTURAL STEEL SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A 123. PUNCHING, DRILLING, CUTTING, OR WELDING WILL NOT BE PERMITTED AFTER GALVANIZING. FURNISH AND INSTALL HARDWARE PER STANDARD SPECIFICATION 614.2. UNLESS NOTED OTHERWISE.

SHOP BEND CURVED RAIL SECTIONS.

SEE STANDARD DETAIL DRAWING 14 B 15 FOR OTHER DETAIL.

(1) ON THE 8 FOOT RADIUS INSTALLATION, DO NOT INSTALL BUTTON HEAD BOLT AT CENTER CRT POST.

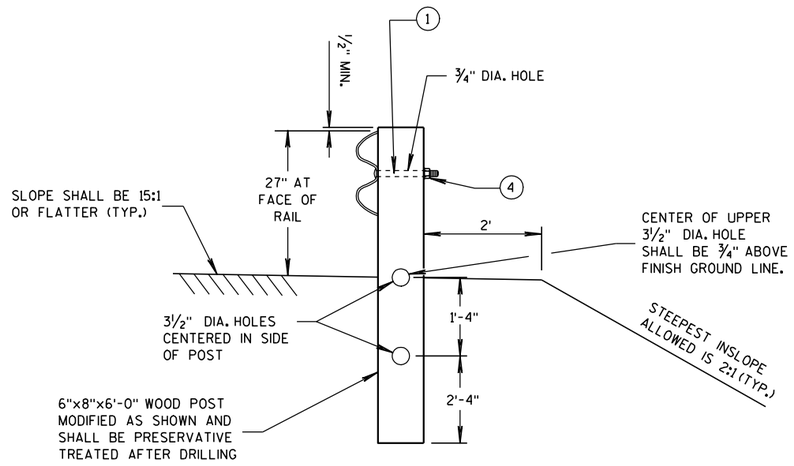
(2) RADIUS FROM 8' - 36'. SEE PLAN.

(3) HEIGHT TRANSITION MAY BE REQUIRED. SEE PLAN OR PROJECT ENGINEER.

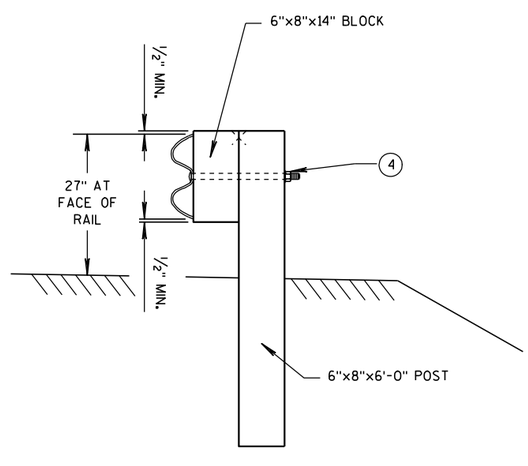
(4) 5/8" ø X 1'-6" BUTTON HEAD BOLT AND RECESS NUT WITH ROUND WASHER UNDER NUT.

RADIUS	NUMBER OF CRT POSTS	*NUMBER AND LENGTH OF CURVED RAILS	REQUIRED AREA FREE OF FIXED OBJECTS (LENGTH x WIDTH)
8'	5	1 at 12.5'	25' x 15'
16'	7	1 at 25'	30' x 15'
24'	9	1 at 25' and 1 at 12.5'	40' x 20'
32'	11	2 at 25'	50' x 20'

* THE NUMBER OF RAILS IS BASED ON A 90° INTERSECTION. SEE PLAN FOR NON 90° INSTALLATIONS.



SECTION A-A
(CRT POST)



SECTION B-B
(BEAM GUARD POST)

STEEL PLATE BEAM GUARD SHORT RADIUS TERMINAL

STEEL PLATE BEAM GUARD SHORT RADIUS TERMINAL

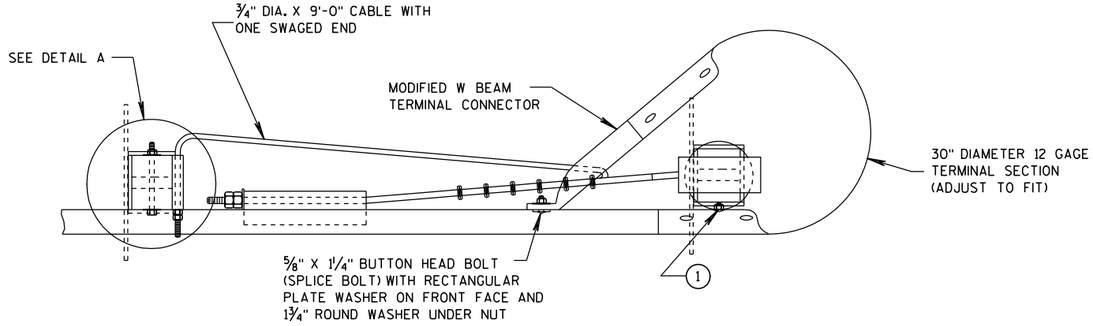
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

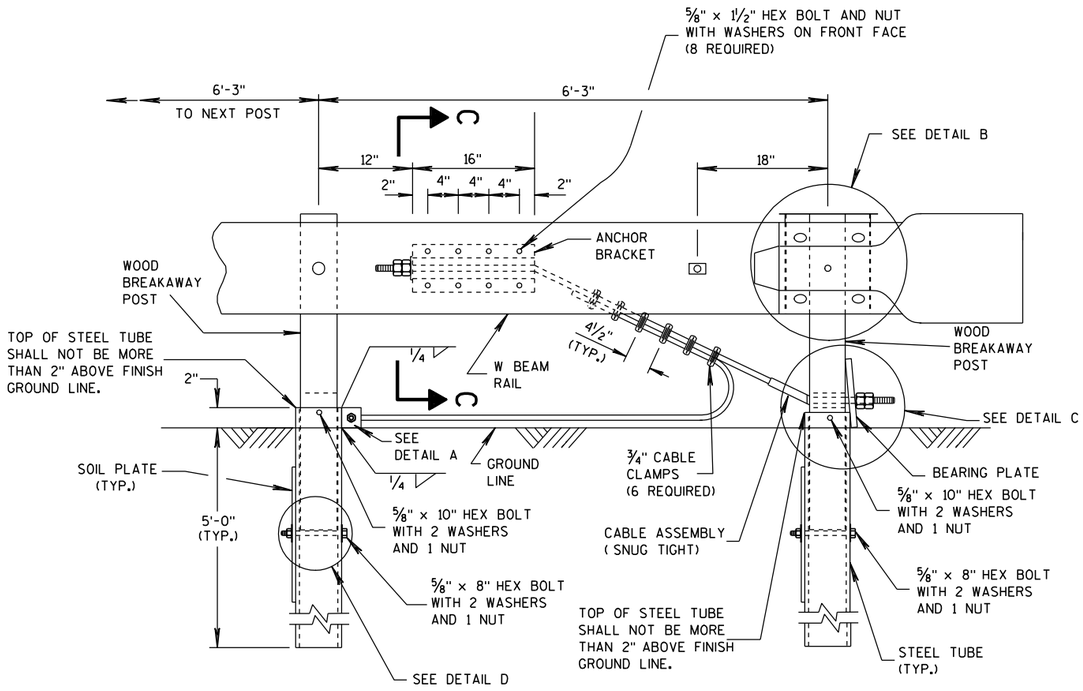
S.D.D. 14 B 27-1a

6

S.D.D. 14 B 27-1a



PLAN VIEW



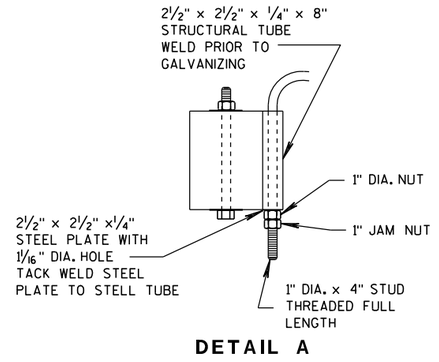
ELEVATION VIEW

STEEL PLATE BEAM GUARD SHORT RADIUS TERMINAL

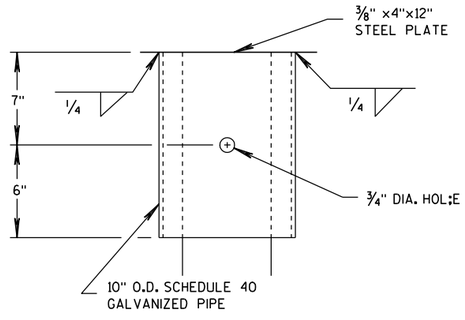
GENERAL NOTES

(1) ATTACH W BEAM RAIL TO THE STEEL PIPE WITH A ⅝" X 2" BUTTON HEAD BOLT WITH NO WASHER. CONNECTION TO THE POST IS NOT REQUIRED.

INSTALL GALVANIZED ¾" (6X19) PREFORMED WIRE OR INDEPENDENT WIRE ROPE CORE CONFORMING TO AASHTO M 30. MANUFACTURE WIRE ROPE OUT OF IMPROVED PLOW STEEL WITH A MINIMUM BREAKING STRENGTH OF 42,800 PSI.



DETAIL A



DETAIL B

(BEAM GUARD AND TERMINAL SECTION NOT SHOWN)

STEEL PLATE BEAM GUARD SHORT RADIUS TERMINAL

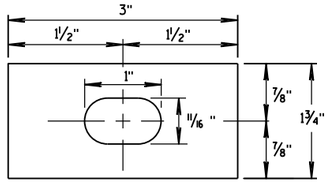
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

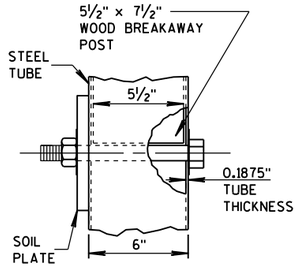
S.D.D. 14 B 27-1b

6

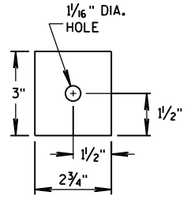
S.D.D. 14 B 27-1b



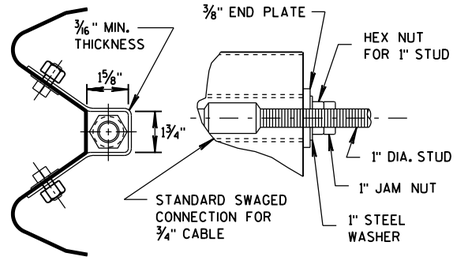
RECTANGULAR PLATE WASHER



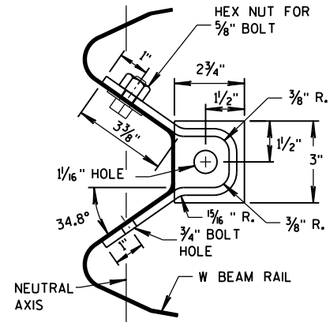
DETAIL D



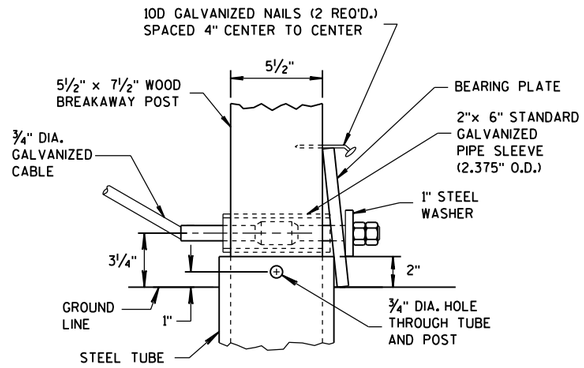
END PLATE



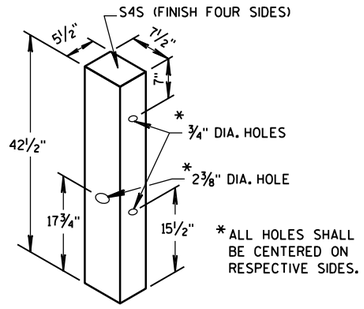
SECTION C-C
(END PLATE REMOVED)



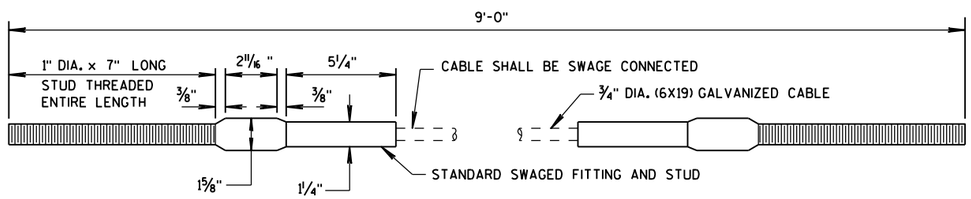
ANCHOR BRACKET



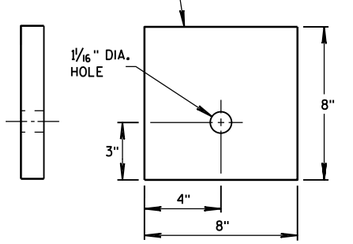
DETAIL C



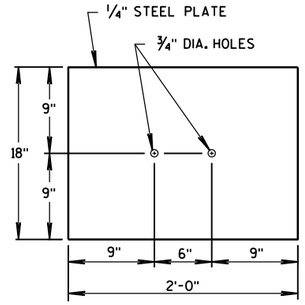
WOOD BREAKAWAY POST



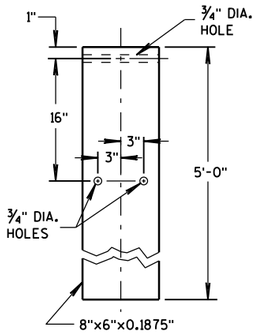
CABLE ASSEMBLY



BEARING PLATE



SOIL PLATE



STEEL TUBE

STEEL PLATE BEAM GUARD SHORT RADIUS TERMINAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

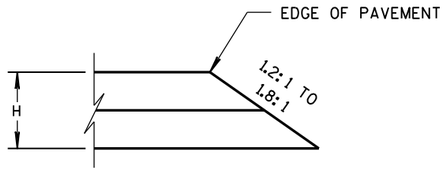
APPROVED
12/18/08 — DATE
/S/ Jerry H. Zogg — ROADWAY STANDARDS DEVELOPMENT ENGINEER
FHWA

6

S.D.D. 14 B 27-1c

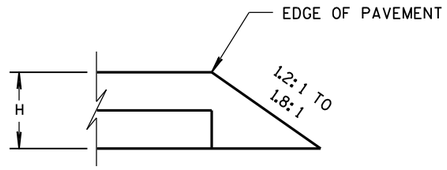
6

S.D.D. 14 B 27-1c



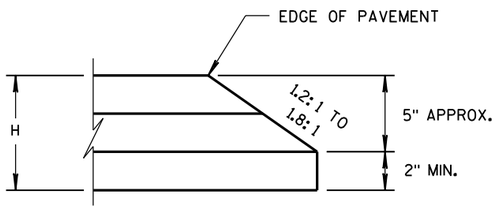
CONSTRUCTED WITH FINAL TWO LAYERS

FOR H 5" OR LESS



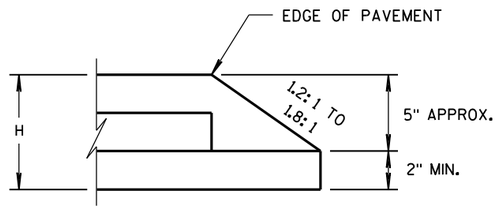
CONSTRUCTED WITH FINAL LAYER

FOR H 5" OR LESS



CONSTRUCTED WITH FINAL TWO LAYERS

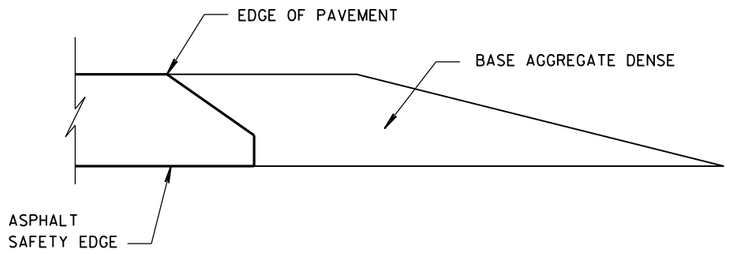
FOR H GREATER THAN 5"



CONSTRUCTED WITH FINAL LAYER

FOR H GREATER THAN 5"

HMA PAVEMENT AND HMA OVERLAYS



FINISHED SHOULDER AGGREGATE PLACEMENT

6

6

S.D.D. 14 B 29-1

S.D.D. 14 B 29-1

SAFETY EDGE SM

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

11/30/2012
DATE

/S/ Jerry H. Zoda
ROADWAY STANDARDS DEVELOPMENT ENGINEER

FHWA

(1) WOOD OR STEEL POSTS (w6X9 OR w6X8.5) MAY BE USED. DO NOT INTERMIX WOOD AND STEEL POSTS. INSTALL STEEL POSTS WITH HOLES ON APPROACHING TRAFFIC SIDE.

(2) USE WOOD OR APPROVED PLASTIC BLOCKOUTS. WOOD BLOCKOUTS MAY BE CONSTRUCTED OUT OF TWO OR MORE WOOD BLOCKOUTS. SEE ALTERNATE WOOD BLOCKOUT DETAIL. DIMENSIONS OF APPROVED PLASTIC BLOCKOUTS MAY VARY.

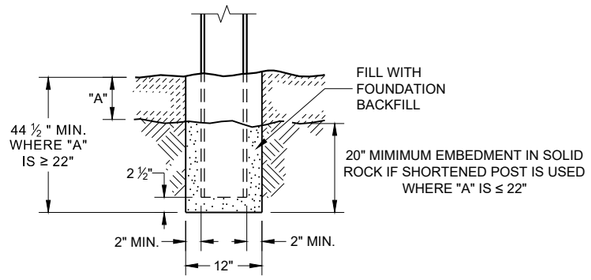
(3) IF ROCK IS ENCOUNTERED DURING EXCAVATION, PROVIDE A HOLE 12 INCHES IN DIAMETER EXTENDING 20 INCHES DEEP INTO THE ROCK. PLACE APPROXIMATELY 2 1/2" INCHES OF GRANULAR MATERIAL IN THE BOTTOM OF THE HOLE. CUT THE POSTS THE TO LENGTH AMD INSTALL. BACKFILL WITH EXCAVATED MATERIAL AND COMPACT. BACKFILL IS TO BE FREE OF LARGE ROCKS.

(4) WHEN THE DISTANCE FROM BACK OF POST TO SHOULDER HINGE POINT IS LESS THAN 2 FEET INSTALL LONGER POST AT HALF POST SPACING (K).

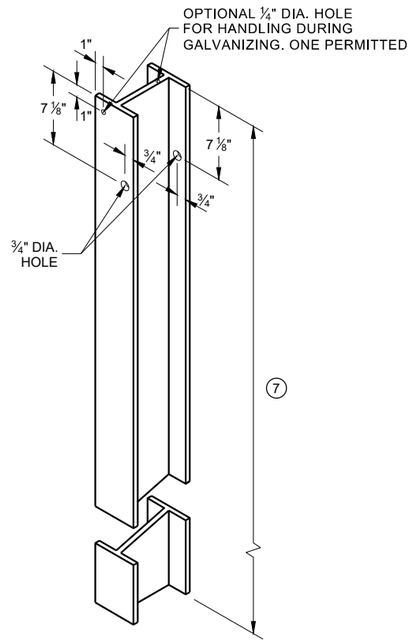
(5) FOR NEW MGS INSTALLATION TOP OF W-BEAM RAIL TOLERANCE IS ±1". FOR EXISTING MGS INSTALLATION TOP OF W-BEAM IS BETWEEN 27 ¾" TO 32".

(6) WHEN USING STEEL POST AND WOOD BLOCKOUTS INSTALL FOUR 16D GALVANIZED NAILS. INSTALL NAILS AT THE BACK CORNERS OF THE BLOCK AND BEND THE NAILS OVER THE FLANGE OF THE STEEL POST.

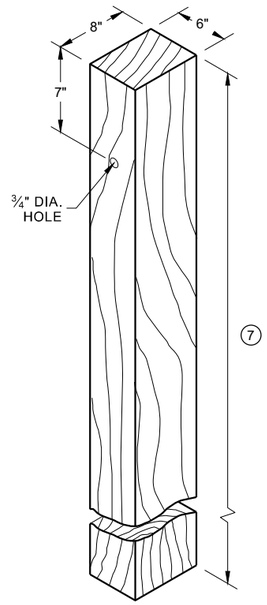
(7) TOTAL POST LENGTH FOR TYPE K IS 7' - 0".
TOTAL POST LENGTH FOR OTHER MGS TYPES IS 6' - 0".



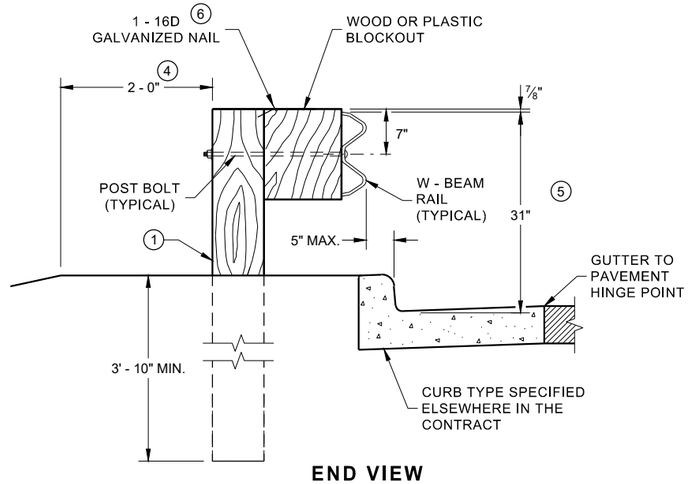
END VIEW
SETTING STEEL OR WOOD POST IN ROCK (3)



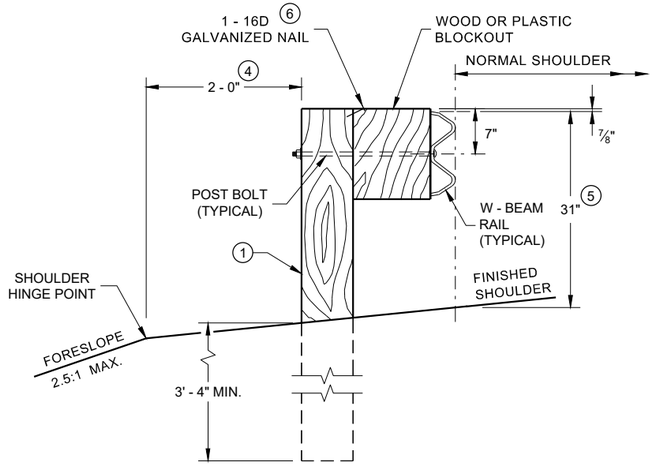
STEEL POST & HOLE PUNCHING DETAIL (W 6 X 9) (1)



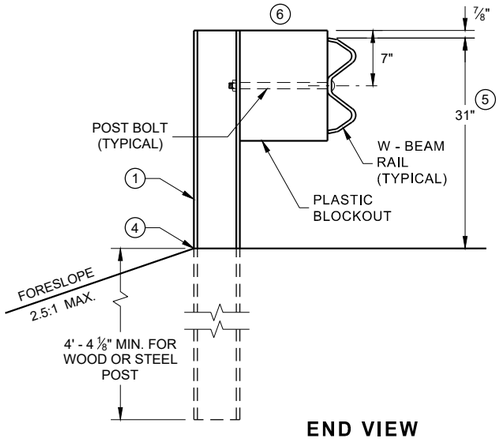
WOOD POST (6" X 8") NOMINAL (1)



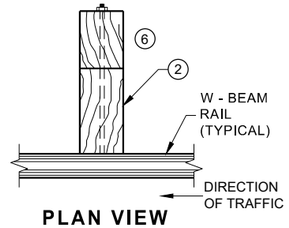
END VIEW
LOCATED ALONG A CURBED ROADWAY



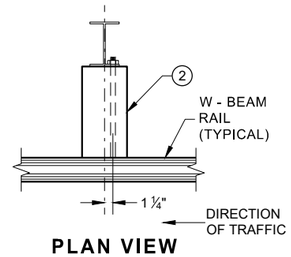
END VIEW
LOCATED ALONG A ROADWAY SHOULDER STANDARD INSTALLATION



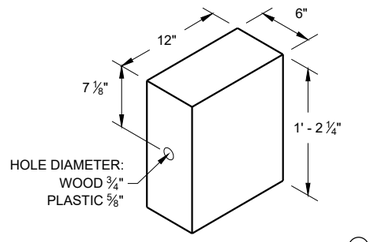
END VIEW
MGS LONGER POST AT HALFPOST SPACING W BEAM (K)



PLAN VIEW
WOOD POST, BLOCKOUT & BEAM



PLAN VIEW
STEEL POST, PLASTIC BLOCKOUT & BEAM



WOOD OR PLASTIC BLOCKOUT (2)

MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL

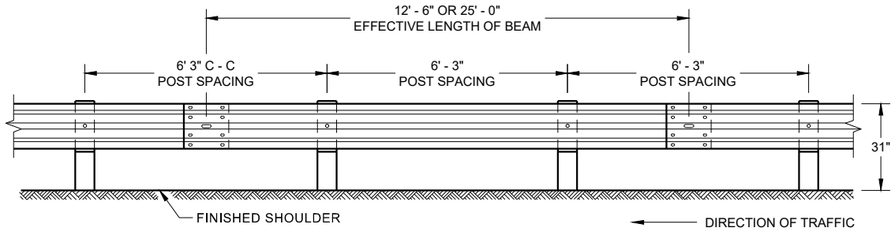
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

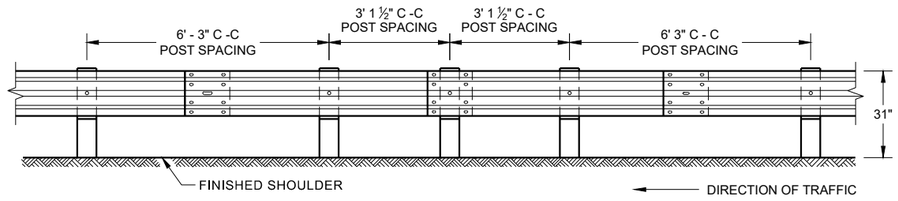
SDD 14B42 - 07a

6

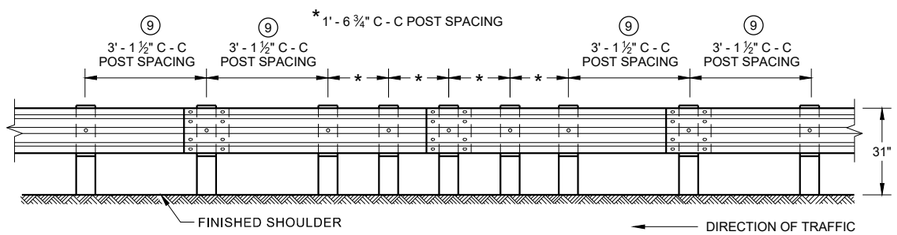
SDD 14B42 - 07a



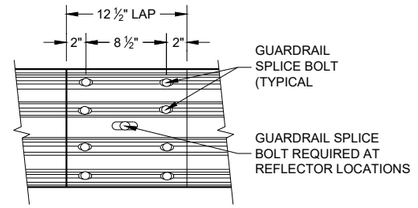
FRONT VIEW
POST SPACING STANDARD INSTALLATION



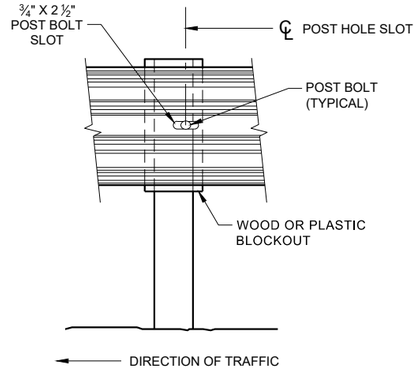
FRONT VIEW
HALF POST SPACING (HS) AND HALF POST SPACING WITH LONGER POSTS (K)



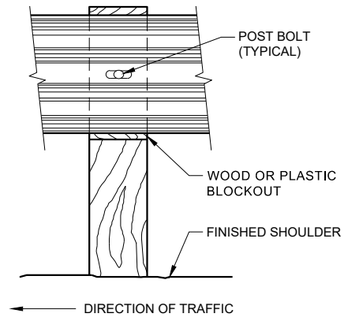
FRONT VIEW
QUARTER POST SPACING (QS)



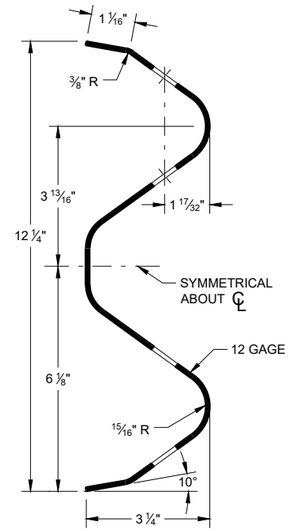
FRONT VIEW
MID-SPAN BEAM SPLICE



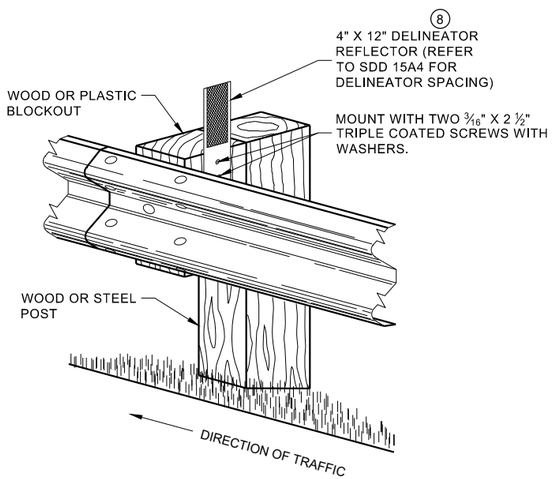
FRONT VIEW AT STEEL POST



FRONT VIEW AT WOOD POST



SECTION THRU W-BEAM RAIL



ONE SIDED REFLECTOR DETAIL AND TYPICAL INSTALLATION

GENERAL NOTES

⑧ DO NOT INSTALL REFLECTORS ON THE FIRST 50 FEET OF THE APPROACH END OF THE ENERGY ABSORBING TERMINAL.

⑨ 25 FEET OF HALF POST SPACING IS REQUIRED ON APPROACH AND DEPARTURE ENDS OF QUARTER POST SPACING.

POST BOLTS ARE A ⅝" DIAMETER ASTM A307 GUARDRAIL BOLT. A POST BOLT REQUIRES ⅝" DIAMETER A563A DOUBLE RECESSED (DR) HEAVY HEX NUT AND ⅝" DIAMETER F844 FLAT WASHER. POST BOLTS MAY BE LONGER IF MULTIPLE BLOCKOUTS ARE BEING USED.

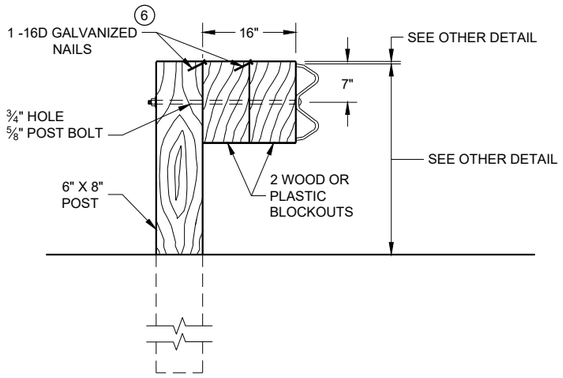
GUARD RAIL SPLICE BOLTS ARE A ⅝" DIAMETER ASTM A307 GUARDRAIL HEAD BOLT. A GUARDRAIL SPLICE BOLT REQUIRES ⅝" DIAMETER A563A DOUBLE RECESSED (DR) HEAVY HEX NUT.

MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 14B42 - 07b
SDD 14B42 - 07b

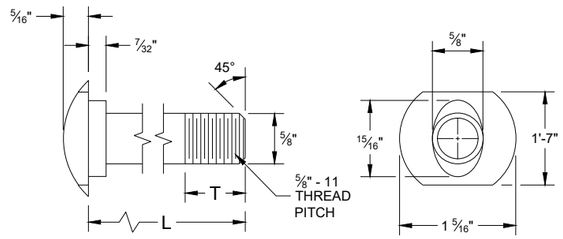


DETAIL FOR 16" BLOCKOUT DEPTH

IT IS ACCEPTABLE TO USE BLOCKOUTS UP TO 16" DEEP TO INCREASE THE POST OFFSET TO AVOID UNDERGROUND OBSTACLES. THERE IS NO LIMIT TO THE NUMBER OF POSTS THAT CAN HAVE ADDITIONAL BLOCKOUTS UP TO 16" DEEP.

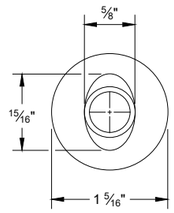
NOTE:

1. ALL FILLETS SHALL HAVE A MINIMUM RADIUS OF 3⁄16".
2. IF THE BOLT EXTENDS MORE THAN ¼" FROM THE NUT THE BOLT SHOULD BE TRIMMED BACK.

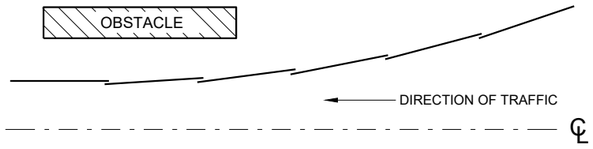


POST BOLT TABLE

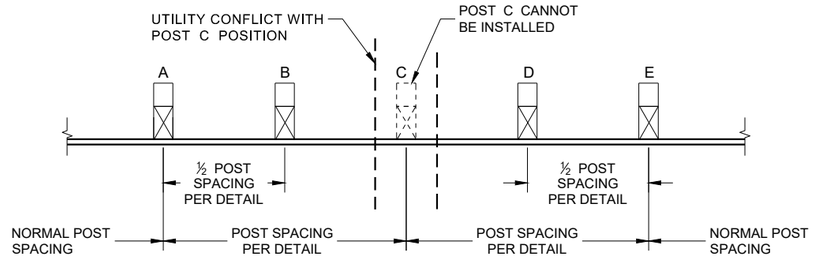
L	T (MIN.)
1 ¼"	1 ⅛"
2"	1 ¾"
10"	4"
14"	4 1⁄16"
18"	4"
21"	4 1⁄16"
25"	4"



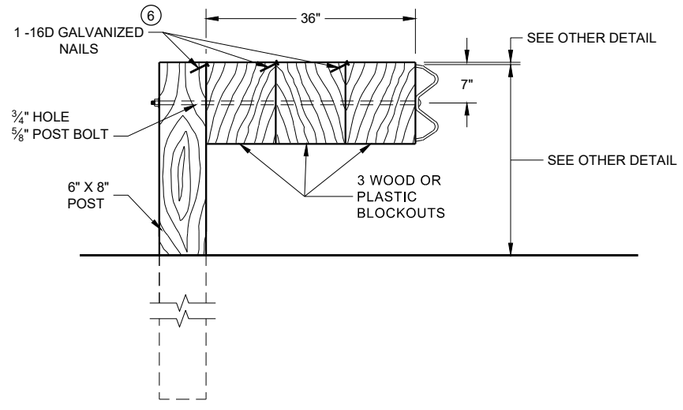
ALTERNATE BOLT HEAD



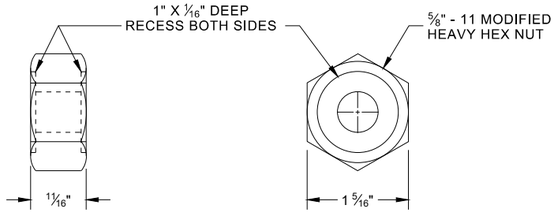
PLAN VIEW
BEAM LAPPING DETAIL



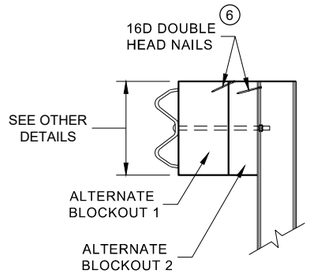
POST DRIVING FOR CONTINUOUS UNDERGROUND OBSTRUCTION



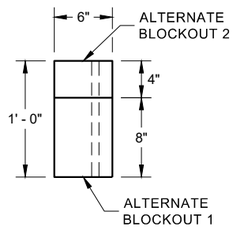
DETAIL FOR 36" BLOCKOUT DEPTH



POST BOLT, SPLICE BOLT AND RECESS NUT



SIDE VIEW



PLAN VIEW

ALTERNATE WOOD BLOCKOUT DETAIL

NOTES: UNDER SPECIAL CIRCUMSTANCES, SUCH AS AVOIDING OBSTACLES THAT ARE NOT RELOCATED, IT IS ACCEPTABLE TO INSTALL ADDITIONAL BLOCKOUTS TO OBTAIN UP TO 36" DEPTH FOR ONE OR TWO POSTS IN A SECTION OF GUARDRAIL.

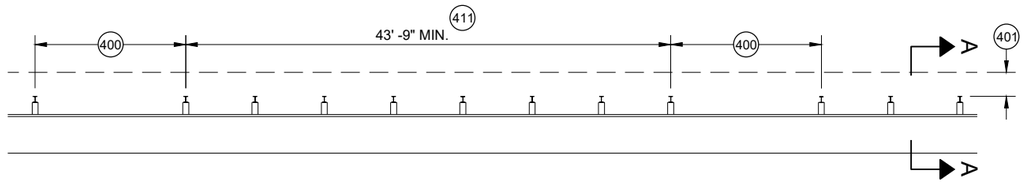
DO NOT USE 16" OR 36" BLOCKOUTS IF IT CAUSES THE POST TO BE DRIVEN BEYOND SHOULDER HINGE POINT OR CAUSES A FIXED OBJECT TO BE WITHIN THE DEFLECTION DISTANCE OF THE BARRIER.

(6) WHEN USING STEEL POST AD WOOD BLOCKOUTS, INSTALL FOUR 16D GALVANIZED NAILS. INSTALL NAILS AT THE BACK CORNERS OF THE BLOCK AND BEND THE NAILS OVER THE FLANGE OF THE STEEL POST.

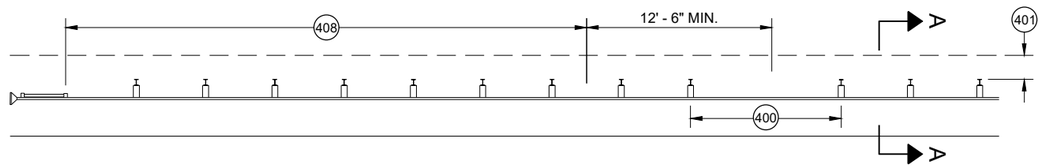
6

MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL

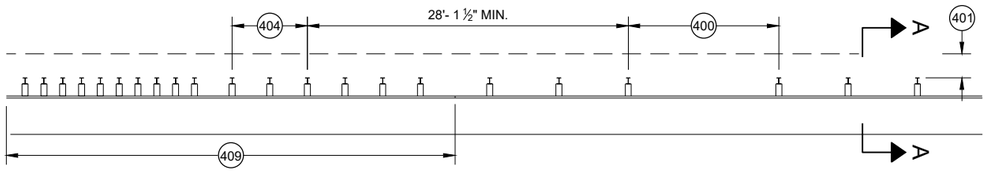
SDD 14B42 - 07c



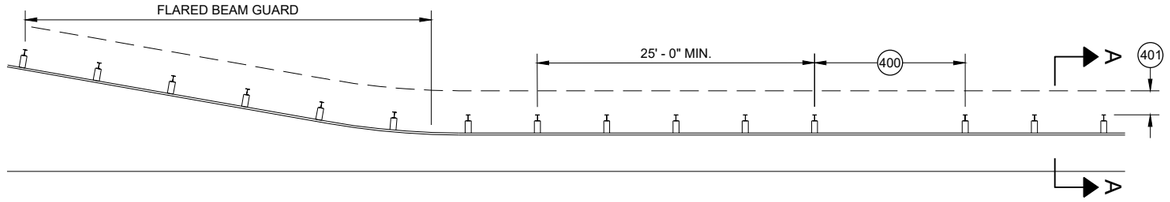
MISSING POST IN MGS GUARDRAIL



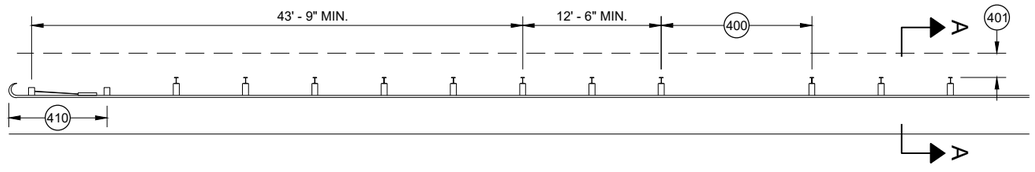
MISSING POST IN MGS GUARDRAIL NEAR EAT



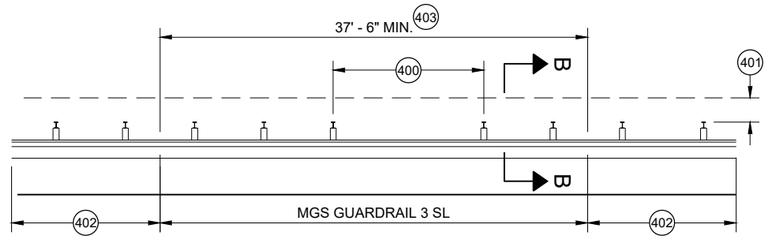
MISSING POST IN MGS GUARDRAIL NEAR AN APPROACH TRANSITION



MISSING POST IN MGS GUARDRAIL NEAR FLARED BEAM GUARD

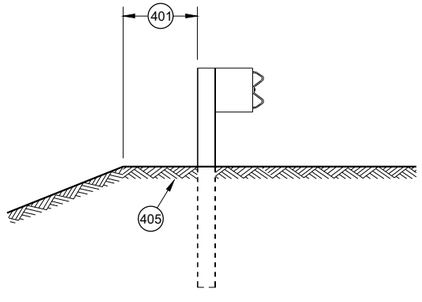


MISSING POST IN MGS GUARDRAIL NEAR A TYPE 2 END TERMINAL

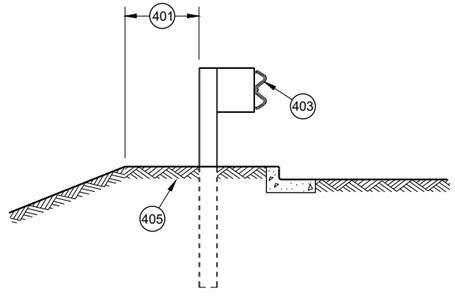


MISSING POST IN SHORT SPAN MGS GUARDRAIL NEAR CURB (SL) 407

(400) MAX SPAN 12' - 6"
(401) 2' MIN.
(402) MGS GUARDRAIL 3
(403) NESTING BEAM GUARD
(404) ASYMMETRIC TRANSITION
(405) SOIL WELL DRAINED AND COMPACTED
(406) SEE OTHER DRAWINGS IN THIS SDD
(407) SEE OTHER DRAWINGS FOR MIN. SPACING BETWEEN SPANS
(408) SEE SDD 14B44
(409) SEE SDD 14B45
(410) SEE SDD 14B47
(411) MINIMUM DISTANCE BETWEEN MISSING POST SPANS.



SECTION A - A 406



SECTION B - B 406

MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2021
DATE
/S/ Rodney Taylor
ROADWAY STANDARDS DEVE
UNIT SUPERVISOR

FHWA

6

SDD 14B42 - 07d

GENERAL NOTES

(A) THE SLOPE IN THE AREA BOUNDED BY THE GRADELINE, THE HINGE POINT LINE (HPL) AND THE CLEAR ZONE LIMITS (CZL) SHALL BE 4:1 OR FLATTER.

(B) AFTER FINAL ASSEMBLY, RECHECK CABLE TO BE SURE IT IS TAUT AND HAS NOT RELAXED

(C) DIFFERENT MANUFACTURERS REQUIRE DIFFERENT PERFORATED W - BEAM RAIL END PANELS. SEE MANUFACTURER'S INFORMATION.

(D) ATTACH ALUMINUM SHEET TO E.A.T. HEAD USING 4 STAINLESS STEEL SELF - TAPPING SCREWS. ONE SCREW PER CORNER.

(E) HARDWARE MAY VARY BETWEEN MANUFACTURER. SEE MANUFACTURER'S DRAWING FOR INFORMATION.

DIMENSIONS MAY VARY, MANUFACTURER'S INFORMATION.

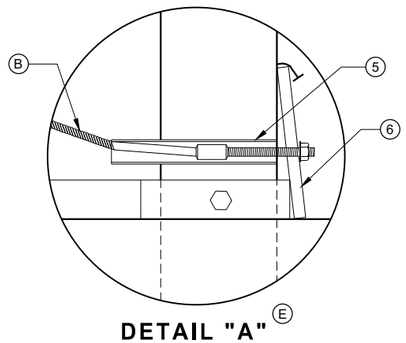
SEE SDD 14B42 FOR MORE INFORMATION.

* DO NOT ATTACH BLOCKOUTS TO POST 1 AND 2.

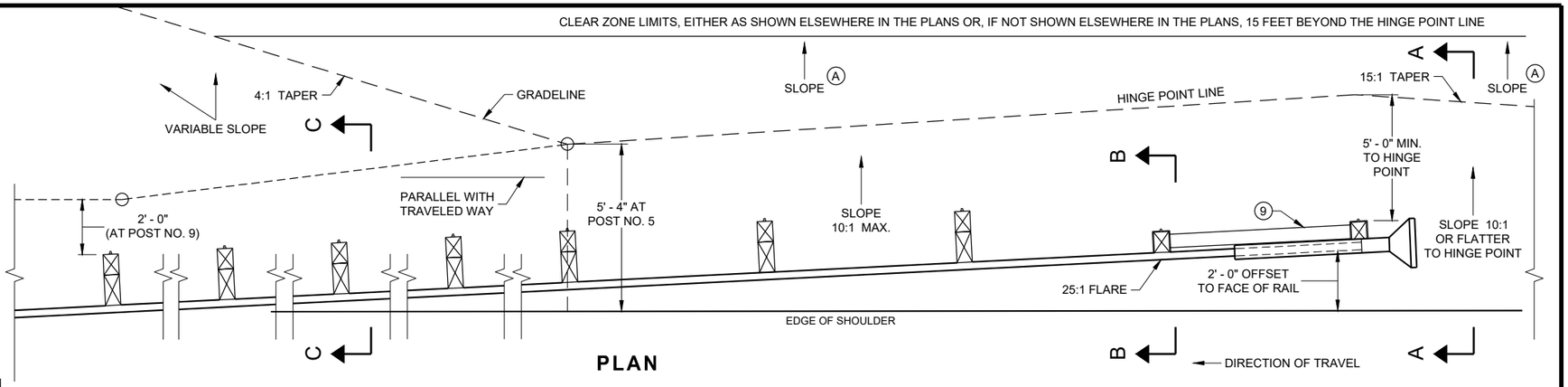
DO NOT INSTALL REFLECTORS ON THE FIRST 50 FEET OF THE APPROACH END OF THE ENERGY ABSORBING TERMINAL.

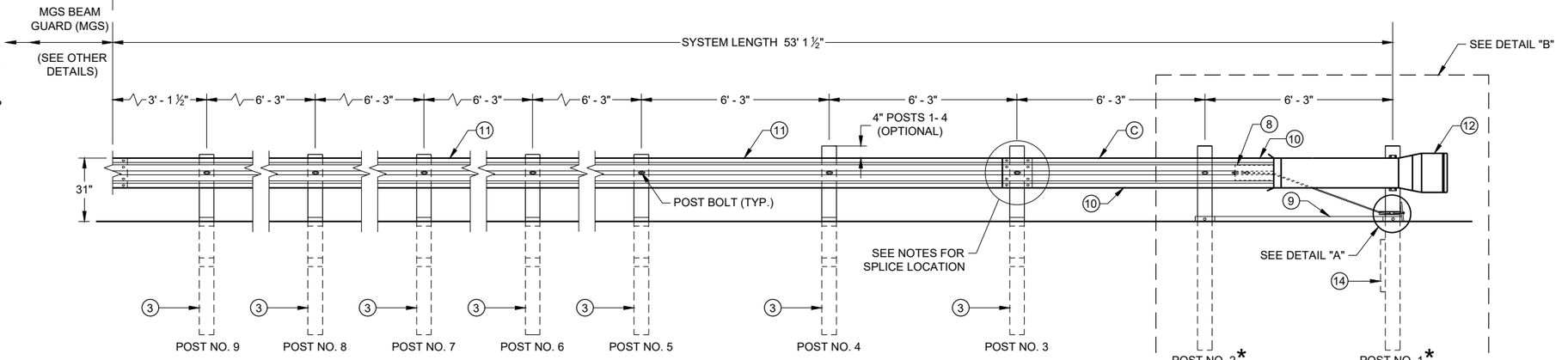
SEE MANUFACTURER'S DRAWING FOR SPLICE LOCATION, HARDWARE DIMENSIONS AND INSTALLATION INSTRUCTIONS.

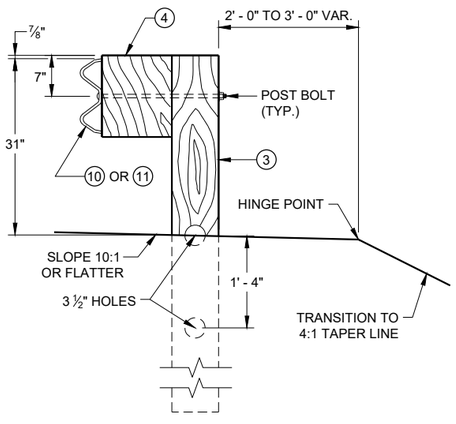
THE CENTER OF THE UPPER 3 ½" DIAMETER HOLE ON POST NUMBER 3 THROUGH POST 9 IS TO BE FLUSH WITH THE GROUND LINE UP TO A MAXIMUM OF 2" ABOVE GROUND LINE. WOOD BLOCKS ON POSTS NUMBERED 3 THROUGH 9 MAY BE ADJUSTED UP TO 3" ABOVE THE TOP OF POST.



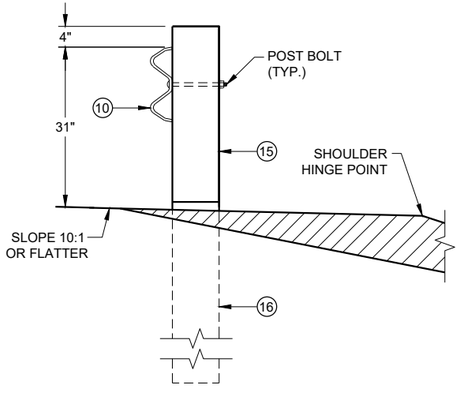
DETAIL "A" (E)



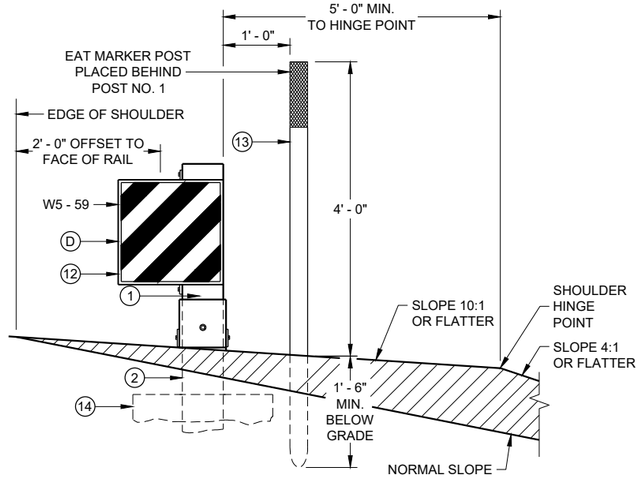




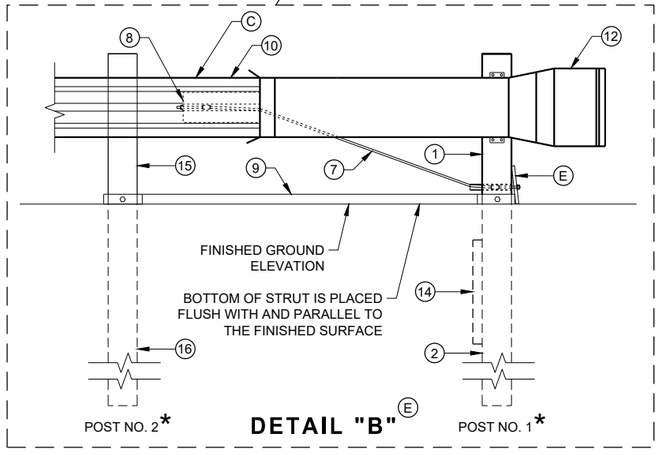
SECTION C - C
TYPICAL AT POST NOS. 3 - 9



SECTION B - B
TYPICAL AT POST NO. 2*



SECTION A - A
TYPICAL AT POST NO. 1*

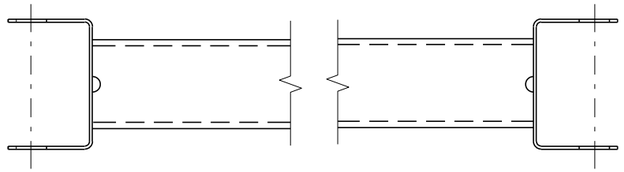


MIDWEST GUARDRAIL SYSTEM
ENERGY ABSORBING TERMINAL (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

SDD 14B44 - 04a

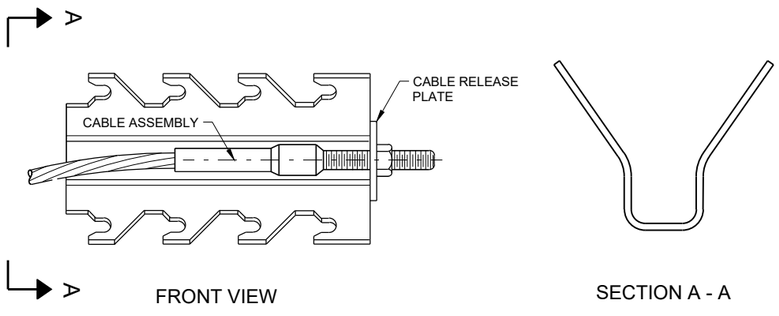
SDD 14B44 - 04a



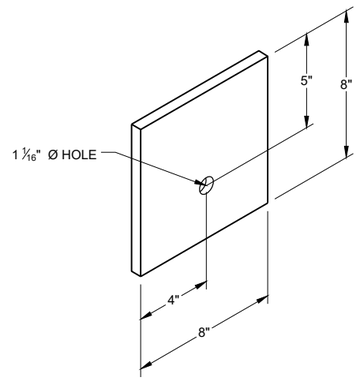
GENERIC GROUND STRUT (9) (E)

BILL OF MATERIALS

PART NO.	DESCRIPTION MATERIALS PROVIDED BY MGS EAT MANUFACTURER. SEE MANUGACTURER'S DETAILS FOR MORE INFORMATION.
(1)	UPPER POST NO. 1 6" X 6" TUBE
(2)	LOWER POST NO. 1
(3)	WOOD CRT
(4)	WOOD BLOCKOUT
(5)	PIPE SLEEVE
(6)	BEARING PLATE
(7)	BCT CABLE ASSEMBLY
(8)	ANCHOR CABLE BOX
(9)	GROUND STRUT
(10)	PERFORATED W-BEAM RAIL END PANEL, 12'-6" LONG.
(11)	STANDARD W-BEAM RAIL. MULTIPLE SECTIONS REQUIRED. SECTIONS VARY IN LENGTH.
(12)	IMPACT HEAD
(13)	EAT MARKER POST - YELLOW (SEE APPROVED PRODUCTS LIST)
(14)	SOIL PLATE
(15)	UPPER POST NO. 2
(16)	LOWER POST NO. 2



GENERIC ANCHOR CABLE BOX (9) (E)



BEARING PLATE (6) (E)

6

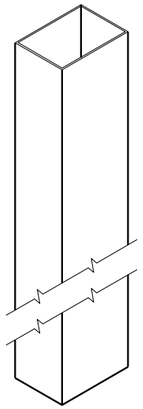
6

SDD 14B44 - 04b

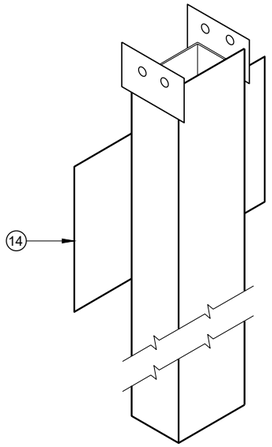
SDD 14B44 - 04b

MIDWEST GUARDRAIL SYSTEM
ENERGY ABSORBING TERMINAL
(MGS)

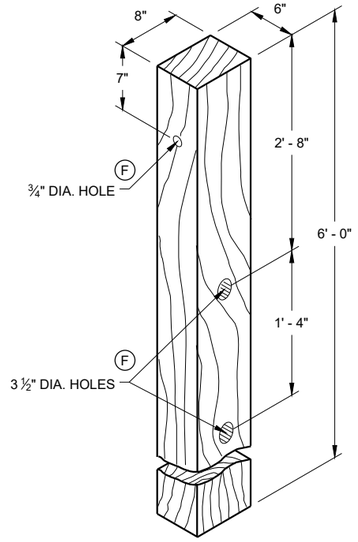
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



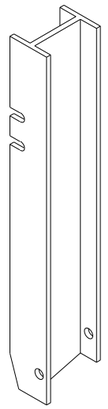
UPPER POST NO. 1 (1) (E)



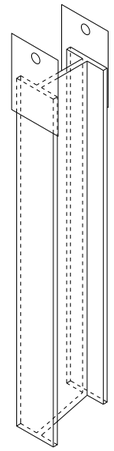
LOWER POST NO. 1 (2) (E)



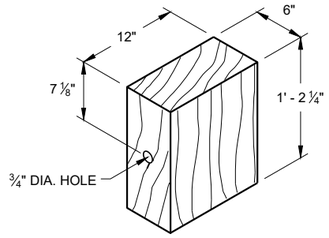
WOOD CRT POST (3) (E)
POSTS NUMBER 3-9



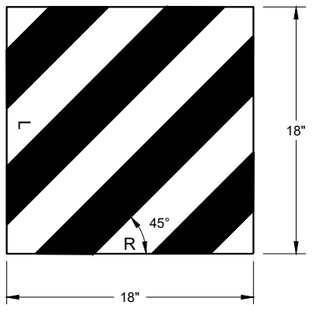
UPPER POST NO. 2 (15) (E)



LOWER POST NO. 2 (16) (E)

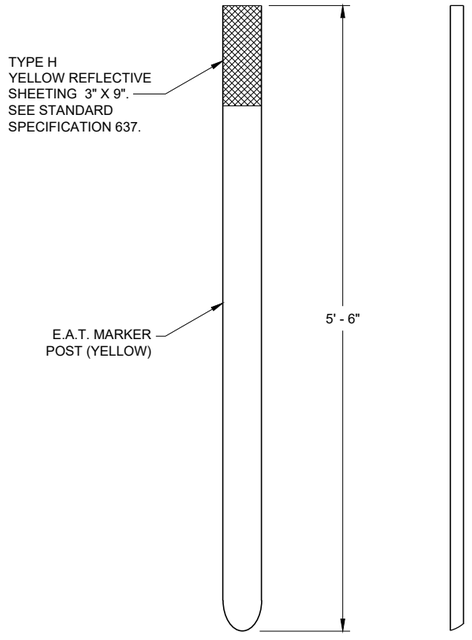


WOOD BLOCKOUT (4)
REQ'D. AT ALL POSTS EXCEPT POST NO'S 1 & 2



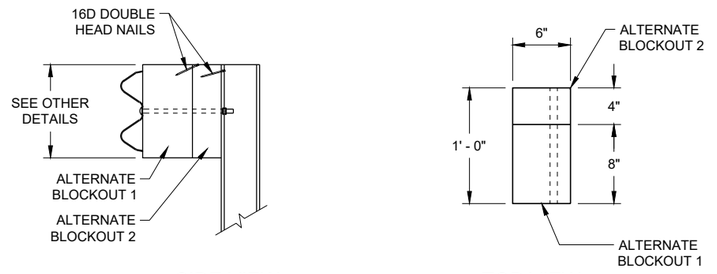
W5 - 59

REFLECTIVE SHEETING DETAIL (E)



FRONT VIEW SIDE VIEW

E.A.T. MARKER POST (13)



SIDE VIEW TOP VIEW

ALTERNATE WOOD BLOCKOUT DETAIL

MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)

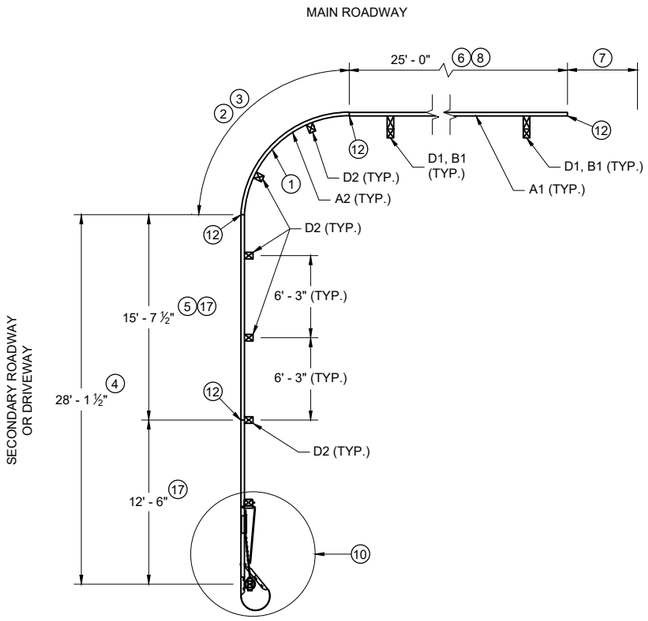
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
7/2018
DATE
/S/ Rodney Taylor
ROADWAY STANDARDS DEVE
UNIT SUPERVISOR

FHWA

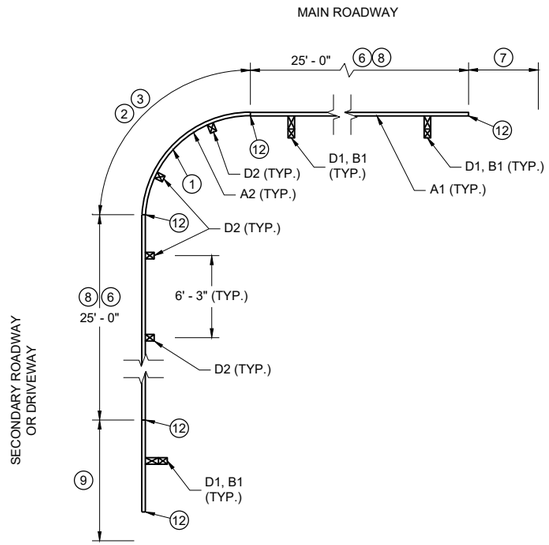
6

SDD 14B44 - 04c



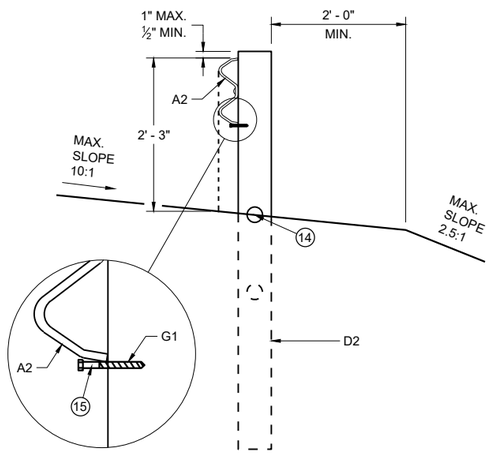
PLAN VIEW

SHORT RADIUS BEAM GUARD WITH SHORT RADIUS TERMINAL ON SECONDARY ROAD OR DRIVEWAY

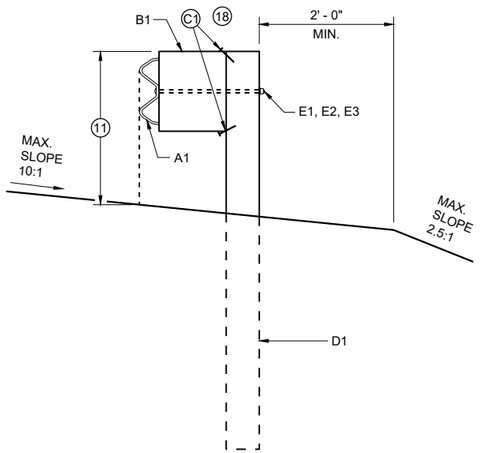


PLAN VIEW

SHORT RADIUS BEAM GUARD WITH EAT, ADDITIONAL BEAM GUARD OR TRANSITION TO RIGID BARRIER ON SECONDARY ROAD OR DRIVEWAY



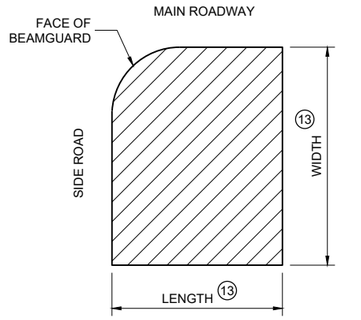
CONTROLLED RELEASE TERMINAL POST (CRT) IN RADIUS



BEAM GUARD POSTS IN HEIGHT TRANSITION

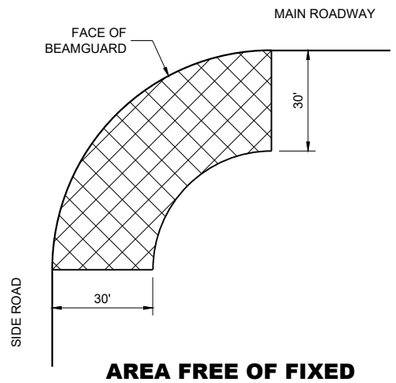
TABLE FOR RADIUS OF 32' AND LESS

RADIUS (FT)	LENGTH (FT)	WIDTH (FT)
8	25	15
16	30	15
24	40	20
32	50	30

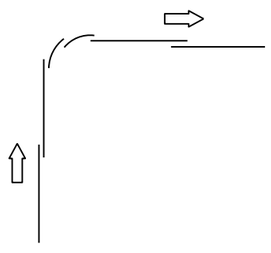


16

AREA FREE OF FIXED OBJECTS FOR RADIUS 32' AND LESS



AREA FREE OF FIXED OBJECTS FOR RADIUS GREATER THAN 32'



LAP SPLICE DETAIL

GENERAL NOTES

SEE PLANS FOR OTHER BARRIER SYSTEM AND LOCATION SPECIFICS.

SEE SDD 14B42 FOR MORE INFORMATION ON BEAM GUARD INSTALLATION, PARTS, MATERIALS, AND INSTALLATION INFORMATION.

GALVANIZE PARTS AFTER FABRICATION.

WELDING TO FOLLOW CURRENT REQUIREMENTS OF THE AMERICAN WELDING SOCIETY STRUCTURAL WELDING CODE ANSI / AWS D1.1.

UNLESS NOTED OTHERWISE, ALL PLATES ARE FLAT AND FREE OF WARP.

UNLESS NOTED OTHERWISE, ALL EDGES ARE SMOOTH, STRAIGHT AND VERTICAL.

ALL CUTS AND HOLES, EXCEPT IN BEAM GUARD RAIL ARE TO BE MACHINED OR MACHINE FLAME CUT.

UNLESS NOTED OTHERWISE, CUT OR PROVIDE BOLTS THAT ARE ¼" TO ½" BEYOND THE NUT.

DRAWINGS ARE NOT TO SCALE.

(1) RADIUS MEASURE FROM INSIDE OF RAIL. LENGTH OF BEAM GUARD SHORT RADIUS GUARD MEASURED ALONG TRAFFIC SIDE OF RAIL. RADIUS BETWEEN 8 FEET TO 150 FEET. SEE PLAN FOR REQUIRED RADIUS. BEAM GUARD RAIL IN RADIUS IS SHOP BENT. ODD RAIL LENGTH OR FIELD CUTS MAY BE REQUIRED.

(2) CONTROLLED RELEASE TERMINAL (CRT) POSTS ARE USED IN THE RADIUS. CONTROLLED RELEASE TERMINAL (CRT) POSTS ARE SPACED 6' - 3". SEE PLAN FOR NUMBER OF CONTROLLED RELEASE (CRT) POSTS.

(3) WITHIN RADIUS BEAM GUARD RAILS ARE NOT BOLTED TO POSTS. BEAM GUARD RAIL IS RESTED ON TOP OF LAG SCREW.

(4) MINIMUM LENGTH OF BEAM GUARD ALONG SIDE ROAD OR DRIVEWAY TO INSTALL SHORT RADIUS TERMINAL. BEAM GUARD IS PAID WITH BEAM GUARD ITEM.

(5) ODD LENGTH OF BEAM GUARD REQUIRED TO INSTALL SHORT RADIUS TERMINAL.

(6) MINIMUM AMOUNT OF BEAM GUARD TO BE INSTALLED PRIOR TO TRANSITION TO RIGID BARRIER. ADDITIONAL BEAM GUARD, OR EAT. BEAM GUARD PAID FOR WITH BEAM GUARD ITEM. SEE PLANS FOR MORE DETAIL.

(7) BEAM GUARD, EAT, OR TRANSITION TO RIGID BARRIER. SEE PLAN.

(8) TOP OF BEAM GUARD BY THE RADIUS IS 27". HEIGHT OF BEAM GUARD IS 31" BY TRANSITION TO RIGID BARRIER, ADDITIONAL BEAM GUARD OR EAT.

(9) ADDITIONAL BEAM GUARD, EAT OR TRANSITION TO RIGID BARRIER. BEAM GUARD SHOWN. SEE PLAN FOR DETAILS.

(10) SHORT RADIUS TERMINAL (SEE OTHER DETAILS).

(11) HEIGHT VARIES. SEE NOTE (8) AND (17).

(12) BEAM GUARD RAIL SPLICE LOCATION. SPLICE LOCATION REQUIRES PART F1 AND F2. SEE SDD 14B42 FOR DETAILS.

(13) SEE TABLE FOR VALUES.

(14) MAXIMUM HEIGHT FOR CENTER OF HOLE IS ¾ " ABOVE FINISHED GROUND ±1".

(15) DRILL POST $^{15}/_{64}$ " DIA. PILOT HOLE. DO NOT HAMMER LAG SCREW INTO POST.

(16) SMALL SIGNS ON BREAKAWAY HARDWARE ARE ACCEPTABLE.

(17) TOP OF RAIL HEIGHT IS 27" WHEN USING A SHORT RADIUS TERMINAL (CRT).

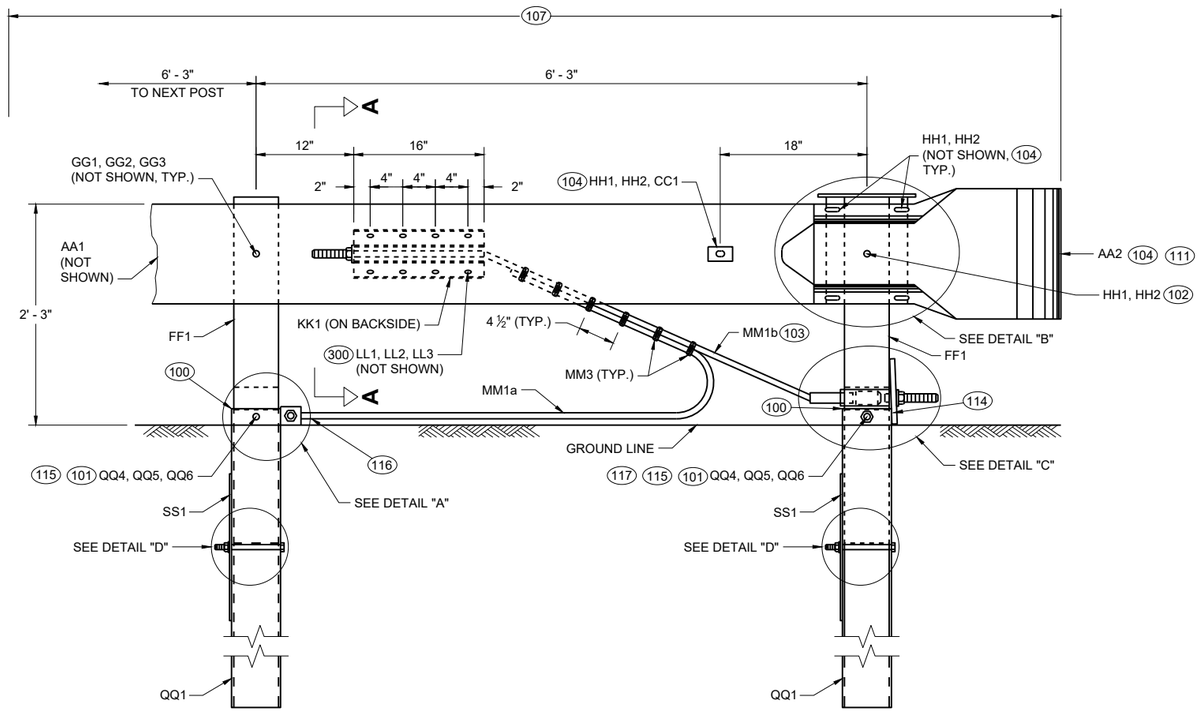
(18) INITIAL 1 NAIL AT EACH CORNER OF THE BLOCK TO CONNECT BLOCKS.

SHORT RADIUS BEAM GUARD (MGS) SHORT RADIUS TERMINAL (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

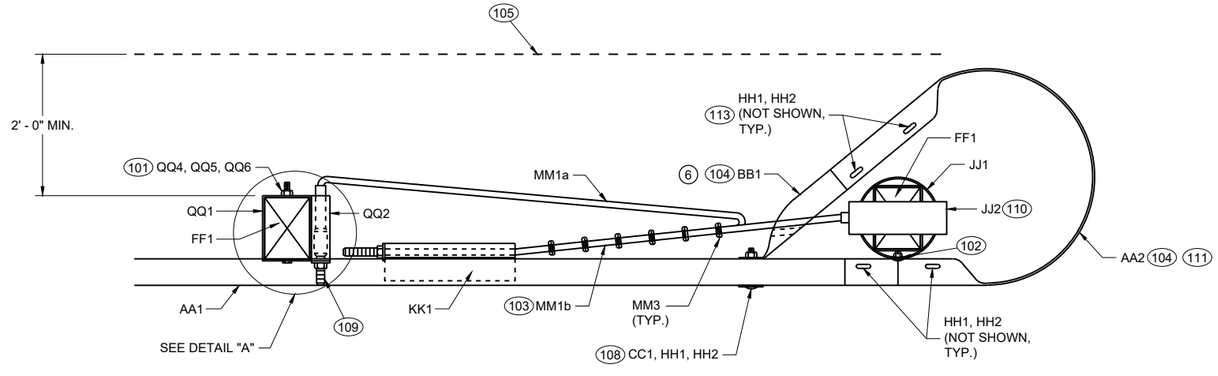
6

SDD 14B53-04a



PROFILE VIEW

SHORT RADIUS TERMINAL



TOP VIEW

SHORT RADIUS TERMINAL

GENERAL NOTES

(100) TOP OF FOUNDATION TUBE 2 INCHES MAXIMUM ABOVE FINISHED GROUND.

(101) WASHERS REQUIRED BETWEEN BOLT HEAD AND FOUNDATION TUBE AND BETWEEN NUT AND FOUNDATION TUBE.

(102) SPLICE BOLT AND NUT CONNECTS BEAM GUARD RAIL, W-BEAM SECTION BUFFER, AND STEEL PIPE ASSEMBLY. NO WASHER REQUIRED. SEE DETAIL "B".

(103) CABLE IS TAUT.

(104) ADJUST AA2 AND BB1 TO FIT.

(105) BREAK POINT OF SHOULDER.

(106) TACK WELD CABLE CONNECTOR TUBE PLATE TO CABLE CONNECTION TUBE. SEE DETAIL "A" PROFILE VIEW.

(107) PAY LIMIT FOR BEAM GUARD.

(108) SQUARE WASHER BETWEEN HEAD OF BOLT AND TRAFFIC FACE OF BEAM GUARD. ROUND WASHER REQUIRED BETWEEN NUT AND BB1.

(109) CUT OR PROVIDE THREADED STUD THAT IS FLUSH WITH FACE OF BEAM GUARD RAIL KK1 (PLUS OR MINUS 1/2" TOLERANCE). DEBURR AFTER CUTTING.

(110) SEE STEEL PIPE ASSEMBLY DETAILS.

(111) ATTACH UU2 WITH UU3. SHOP APPLY UU1 TO UU2.

(112) FOUR (4) HH1 AND HH2 REQUIRED TO ATTACH AA1 TO AA2.

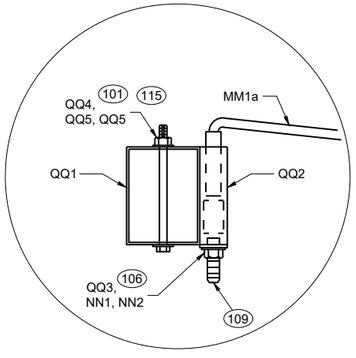
(113) FOUR (4) HH1 AND HH2 REQUIRED TO ATTACH AA2 TO BB1.

(114) NO MATERIAL IS TO BE PLACED AGAINST THE VERTICAL FACES OF BEARING PLATE.

(115) PREVENT OR REMOVE MATERIALS THAT BLOCK ACCESS TO BOLTS FOR POST AND SOIL TUBE.

(116) PREVENT OR REMOVE MATERIALS THAT BLOCK ACCESS TO BOLT. PLACE CABLE ON TOP OF MATERIAL.

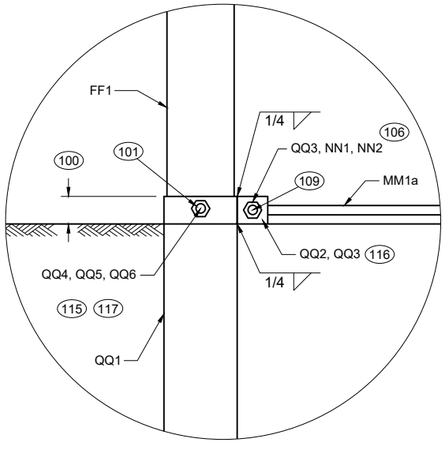
(117) ONE WASHER BETWEEN BOLD HEAD AND FOUNDATION TUBE AND BETWEEN NUT AND FOUNDATION TUBE.



TOP VIEW

DETAIL "A"

(WOOD BREAKAWAY AND BEAM GUARD RAIL POSTS NOT SHOWN)



PROFILE VIEW

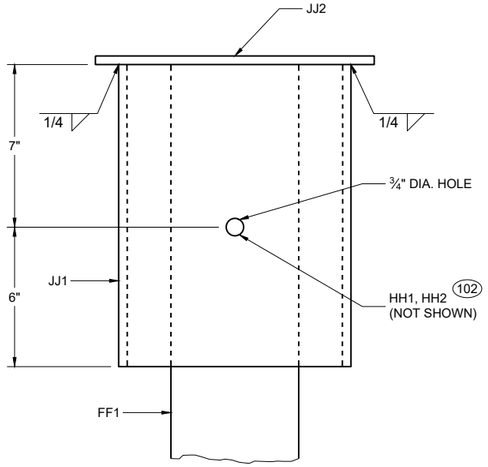
DETAIL "A"

6

SDD 14B53-04b

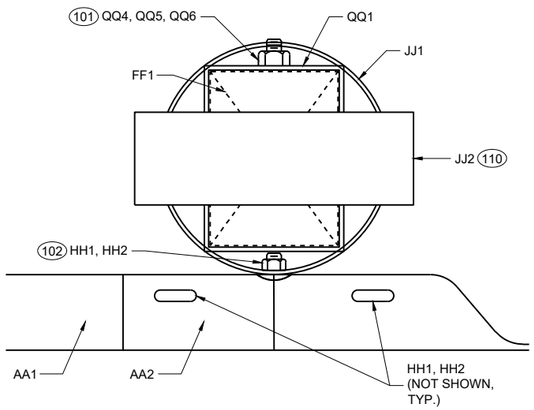
SHORT RADIUS BEAM GUARD (MGS) SHORT RADIUS TERMINAL (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



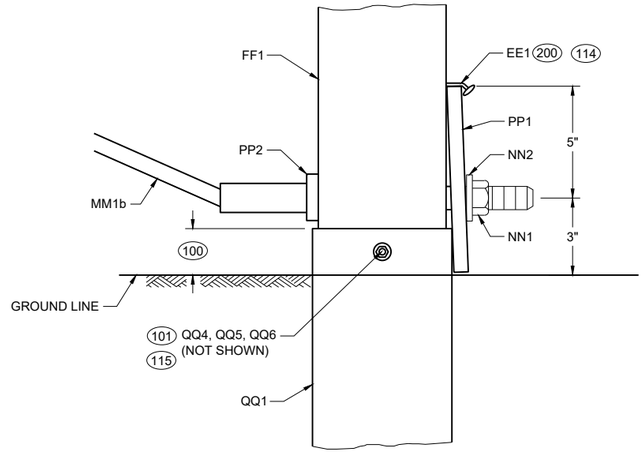
PROFILE VIEW

DETAIL "B"
STEEL PIPE ASSEMBLY
(BEAM GUARD AND W BEAM END SECTION NOT SHOWN)



PLAN VIEW

DETAIL "B"
STEEL PIPE ASSEMBLY

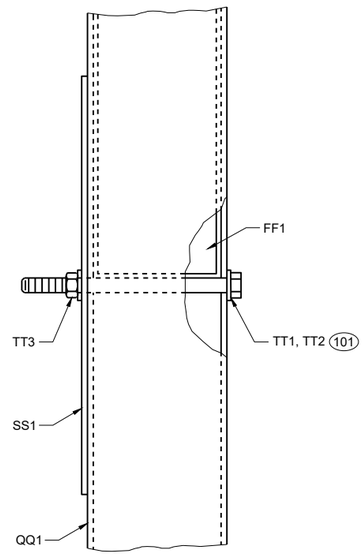


PROFILE VIEW

DETAIL "C"

GENERAL NOTES

200 TWO (2) NAILS SPACED 4 INCHES CENTER TO CENTER.



PROFILE VIEW

DETAIL "D"

SHORT RADIUS BEAM GUARD (MGS) SHORT RADIUS TERMINAL (MGS)

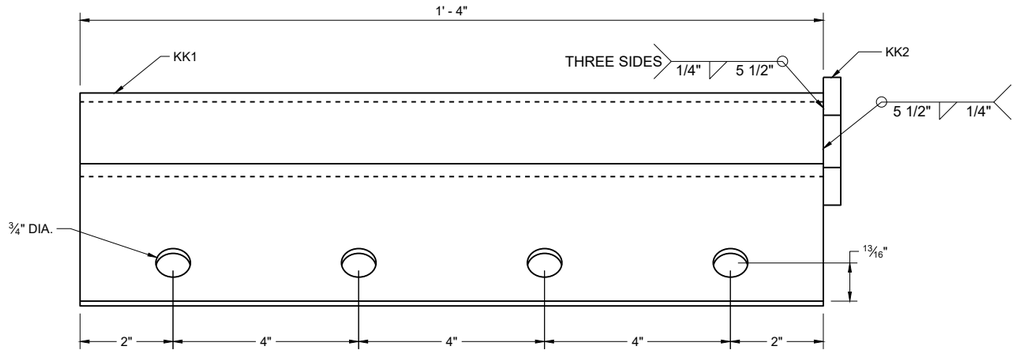
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

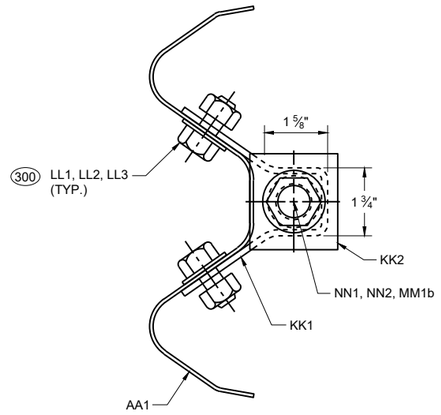
6

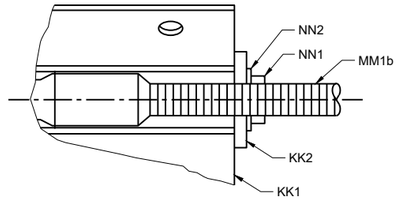
SDD 14B53-04c

GENERAL NOTES

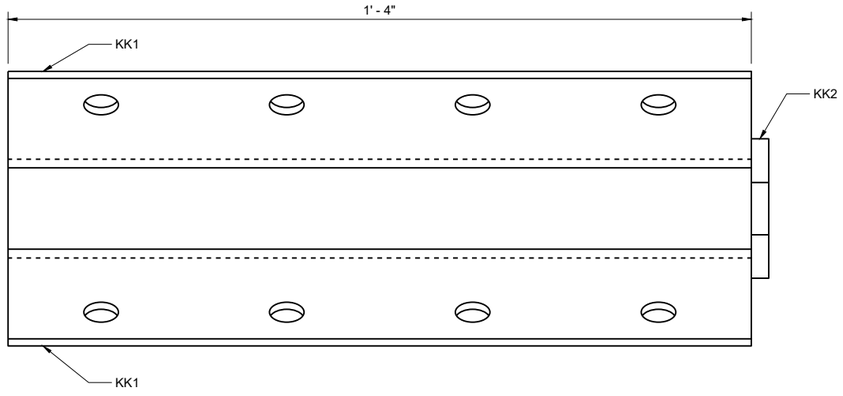
(300) WASHERS REQUIRED BETWEEN BOLT HEAD AND BEAM GUARD RAIL AND BETWEEN NUT AND ANCHOR BRACKET. EIGHT (8) LL1 AND LL3 REQUIRED. SIXTEEN (16) LL2 REQUIRED.

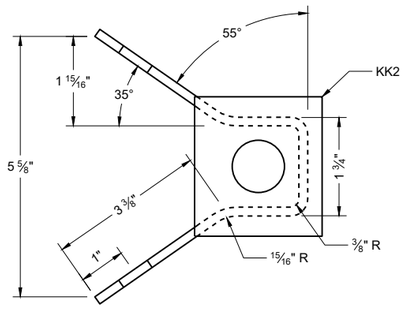




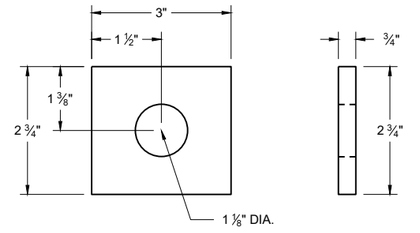


SECTION A - A





ANCHOR BRACKET (KK1, KK2)



ANCHOR BRACKET BEARING PLATE (KK2)

6

SDD 14B53-04d

SHORT RADIUS BEAM GUARD (MGS) SHORT RADIUS TERMINAL (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

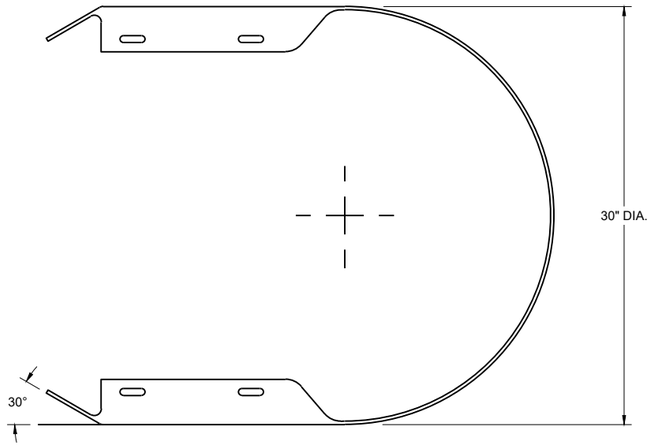
6

SDD 14B53-04d

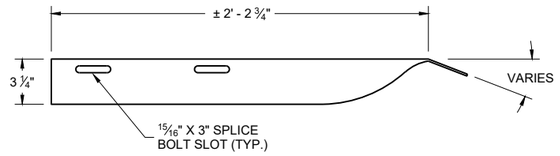
GENERAL NOTES

(400) CROSS SECTION OF PART IS TO FIT OVER AA1 .

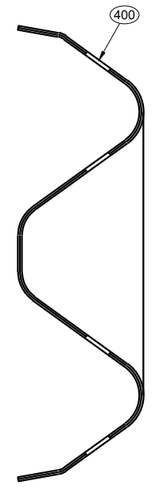
(401) CROSS SECTION OF PART IS TO FIT OVER OR UNDER AA1 .



TOP VIEW



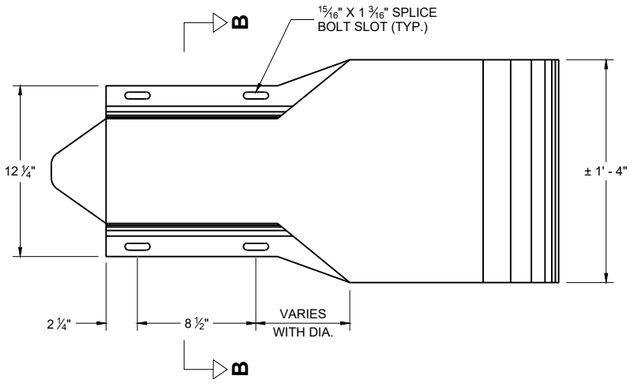
TOP VIEW



SECTION B -B

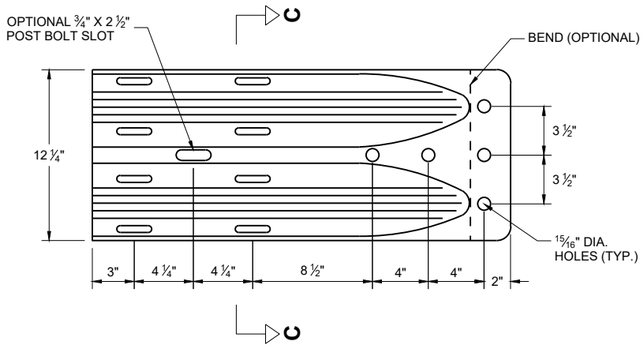


SECTION C -C



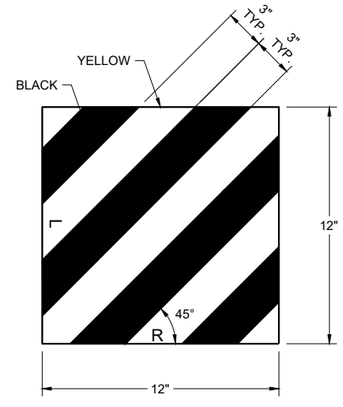
PROFILE VIEW

W BEAM
END SECTION BUFFER (AA2)



PROFILE VIEW

W BEAM
TERMINAL CONNECTOR (BB1)



REFLECTIVE SHEETING (UU1, UU2)

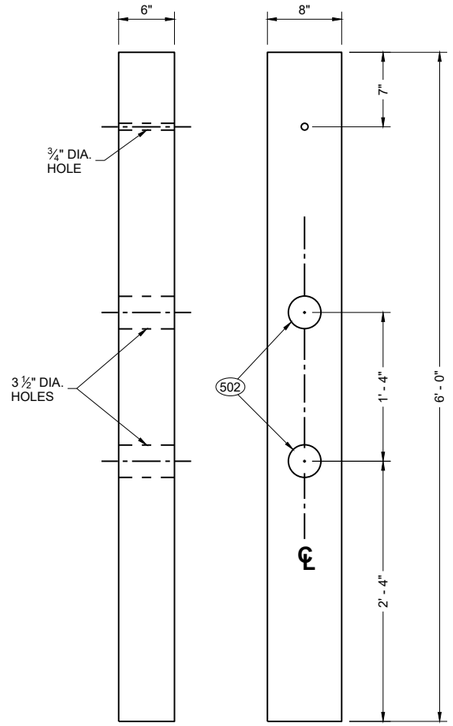
SHORT RADIUS BEAM GUARD (MGS) SHORT RADIUS TERMINAL (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

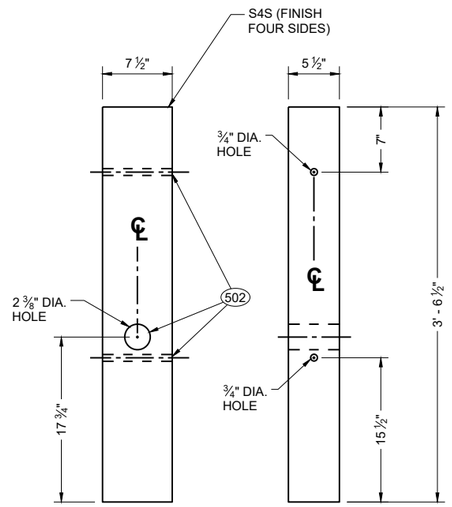
SDD 14B53-04e

SDD 14B53-04e



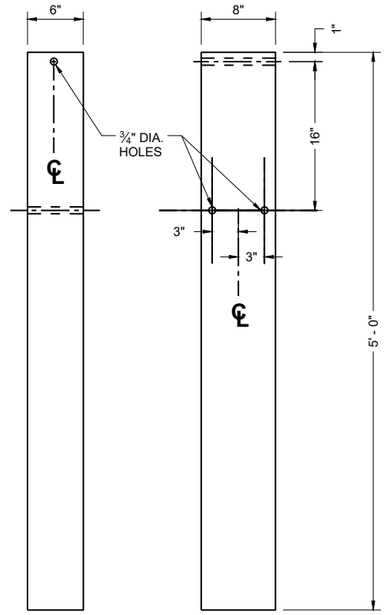
FRONT VIEW SIDE VIEW

CONTROLLED RELEASE POST (CRT) (DD2)



FRONT VIEW SIDE VIEW

WOOD BREAKAWAY POST (FF1)



FRONT VIEW SIDE VIEW

FOUNDATION TUBE (QQ1) (500)

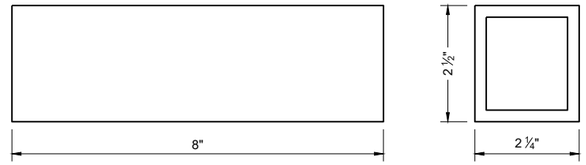
GENERAL NOTES

(500) SEE DETAIL "D" FOR LOCATION AND ATTACHMENT OF SS1.

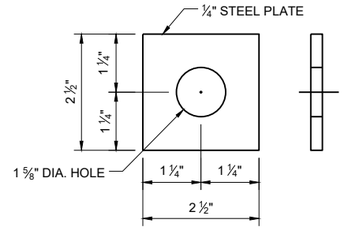
(501) FOR MM1a THREADED STUD ONLY REQUIRED ON ONE END. SWAGED FITTING REQUIRED.

(502) LOCATE HOLES ON THE CENTERLINE OF THE SIDE OF THE POST.

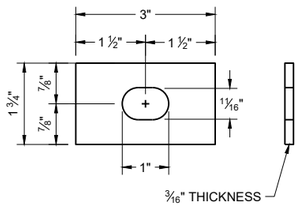
(503) MM1a MAY HAVE ONE THREADED STUD 4 INCHES LONG. SEE NOTE (109)



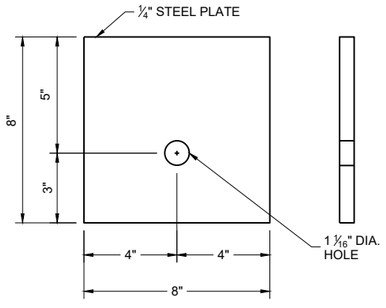
FOUNDATION TUBE - ANCHOR CABLE TUBE (QQ2)



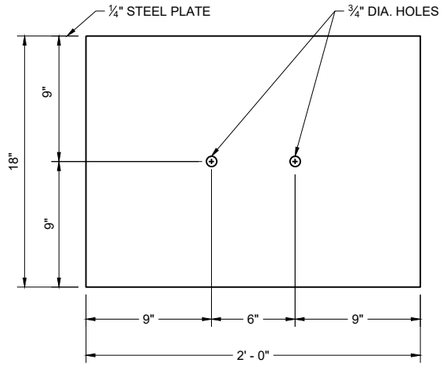
ANCHOR CABLE TUBE END PLATE (QQ3)



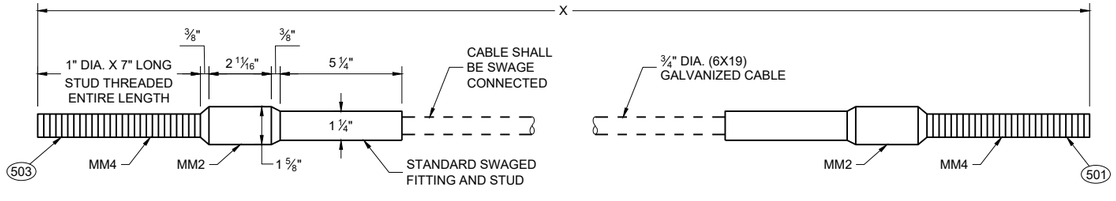
RECTANGULAR PLATE WASHER (CC1)



BEARING PLATE (PP1)



SOIL PLATE (SS1)



CABLE ASSEMBLY (MM1a, MM1b)

"X" LENGTH

MM1b	9' - 0"
MM1b	6' - 8"

SHORT RADIUS BEAM GUARD (MGS) SHORT RADIUS TERMINAL (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 14B53-04f

BILL OF MATERIALS - SHORT RADIUS BEAM GUARD (MGS)

PART	DESCRIPTION	MATERIALS SPECIFICATIONS	NOTES
A1	BEAM GUARD RAIL	AASHTO M180, CLASS A, TYPE 2	
		APPROVED PRODUCER	
A2	BEAM GUARD RAIL - SHOP BENT	INDICATE ON BACK OF RAIL THE RADIUS THAT RAIL WAS BENT TO. SHOP BEND RADIUS IS TO THE NEAREST FOOT. FOLLOW AASHTO M180 ON HOW TO MARK RADIUS INFORMATION.	
		AASHTO M180, CLASS A, TYPE 2	
		APPROVED PRODUCER	
B1	BLOCK - WOOD	WISDOT SPEC. 614	SEE SDD 14B42
C1	NAIL	ASTM A153 HOT DIP CLASS D	
		ASTM F1667 TYPE 1 STYLE 12 (16 DOUBLE HEAD)	
D1	POST-STRONG POST-WOOD	WISDOT SPEC. 614	SEE SDD 14B42
D2	POST-CRT-WOOD	WISDOT SPEC. 614	
E1	POST BOLT	ASTM A307 GRADE A OR SAE J429 GRADE 2	5/8" DIA. SEE SDD 14B42 FOR BOLT GEOMETRY
		AASHTO M180	
		GALV. HOT DIP TO AASHTO M232 CLASS C / ASTM A153 CLASS C / ASTM F2329 OR GALV. MECHANICALLY TO AASHTO M298 CLASS 50, TYPE 1 / ASTM B695 CLASS 50, TYPE 1	
		UNC	
E2	POST BOLT - WASHER	ASTM F436 TYPE 1 (HARDEN TYPICALLY USED WITH STEEL) OR ASTM F844 (UNHARDENED TYPICALLY WITH WOOD)	5/8" DIA.
		GALV. AASHTO M111 / ASTM A 123 OR GALV. HOT DIP. TO AASHTO M232 CLASS C / ASTM A153 CLASS C / ASTM F2329	
E3	POST BOLT - NUT	AASHTO M180 DOUBLE RECESSED HEAVY HEX HEAD	5/8" DIA. SEE SDD 14B42 FOR BOLT GEOMETRY
		GALV. HOT DIP TO AASHTO M232 CLASS C / ASTM A153 CLASS C / ASTM F2329 OR GALV. MECHANICALLY TO AASHTO M298 CLASS 50, TYPE 1 / ASTM B695 CLASS 50, TYPE 1	
		UNC	
		OVER TAPPED NUTS OVER-SIZE AS SPECIFIED IN AASHTO 291 / ASTM A 563	
		ASTM A563 GRADE A HEAVY HEX HEAD	
F1	SPLICE BOLT	GALV. HOT DIP TO AASHTO M232 CLASS C / ASTM A153 CLASS C / ASTM F2329 OR GALV. MECHANICALLY TO AASHTO M298 CLASS 50, TYPE 1 / ASTM B695 CLASS 50, TYPE 1	5/8" DIA. SEE SDD 14B42 FOR BOLT GEOMETRY
		ASTM A307 GRADE A OR SAE J429 GRADE 2	
		UNC	
		AASHTO M180	

PART	DESCRIPTION	MATERIALS SPECIFICATIONS	NOTES
F2	SPLICE BOLT - NUT	ASTM A563 GRADE A	5/8" DIA. SEE SDD 14B42 FOR BOLT GEOMETRY
		AASHTO M180 DOUBLE RECESSED HEAVY HEX HEAD	
		GALV. HOT DIP TO AASHTO M232 CLASS C/ASTM A153 CLASS C/ASTM F2329 OR GALV. MECHANICALLY TO AASHTO M298 CLASS 50, TYPE 1/ASTM B695 CLASS 50, TYPE 1	
		OVER TAPPED NUTS OVER-SIZE AS SPECIFIED IN AASHTO 291 / ASTM A 563	
		UNC	
G1	LAG SCREW	ASTM A308 GRADE A ASTM A153 CLASS D	1/2" DIA. 6" LONG
H1	DELINEATOR - BEAM GUARD		SEE SDD 14B42 FOR MORE INFORMATION
H2	DELINEATION - SHEETING	YELLOW OR WHITE	
		WISDOT SPEC 637 TYPE SH	
		APPROVED PRODUCT LIST	
J1	FOUNDATION BACKFILL	STANDARD SPEC. 614	
AA1	BEAM GUARD RAIL - PUNCHED	AASHTO M180, CLASS A, TYPE 2	
		APPROVED PRODUCER	
AA2	BEAM GUARD RAIL - END SECTION BUFFER	AASHTO M180, CLASS A, TYPE 2	
		APPROVED PRODUCER	
BB1	BEAM GUARD RAIL - TERMINAL CONNECTOR MODIFIED	AASHTO M180, CLASS A, TYPE 2	
		APPROVED PRODUCER	
CC1	SHORT RADIUS - SQUARE WASHER	AASHTO M180	
		GALV. AASHTO M111 / ASTM A123	
EE1	NAIL	ASTM A153 HOT DIP CLASS D	
		ASTM F1667 TYPE 1 STYLE 12 (16 DOUBLE HEADED)	
FF1	POST - BCT - WOOD	S4S FINISH ON 4 SIDES	
		WISDOT SPEC. 614	
GG1	POST BOLT	ASTM A307 GRADE A OR SAE J429 GRADE 2	3/8" DIA. SEE SDD 14B42 FOR BOLT GEOMETRY
		AASHTO M180	
		GALV. HOT DIP TO AASHTO M232 CLASS C/ASTM A153 CLASS C/ASTM F2329 OR GALV. MECHANICALLY TO AASHTO M298 CLASS 50, TYPE 1/ASTM B695 CLASS 50, TYPE 1	
		UNC	
GG2	POST BOLT - WASHER	ASTM F436 TYPE 1 (HARDEN TYPICALLY USED WITH STEEL) OR ASTM F844 (UNHARDENED TYPICALLY WITH WOOD)	3/8" DIA.
		GALV. AASHTO M111 / ASTM A 123 OR GALV. HOT DIP. TO AASHTO M232 CLASS C/ASTM A153 CLASS C / ASTM F2329	

SHORT RADIUS BEAM GUARD (MGS) SHORT RADIUS TERMINAL (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 14B53-04g

BILL OF MATERIALS - SHORT RADIUS BEAM GUARD (MGS)

PART	DESCRIPTION	MATERIALS SPECIFICATIONS	NOTES
GG3	POST BOLT - NUT	ASTM A563 GRADE A	3/8" DIA. SEE 14B42 FOR GEOMETRY
		AASHTO M180 DOUBLE RECESSED HEAVY HEX HEAD	
		GALV. HOT DIP TO AASHTO M232 CLASS C / ASTM A153 CLASS C / ASTM F2329 OR GALV. MECHANICALLY TO AASHTO M298 CLASS 50, TYPE 1 / ASTM B695 CLASS 50, TYPE 1	
		UNC	
		OVER TAPPED NUTS OVER-SIZE AS SPECIFIED IN AASHTO 291 / ASTM A 563	
		ASTM A563 GRADE A HEAVY HEX HEAD	
HH1	SPLICE BOLT	GALV. HOT DIP TO AASHTO M232 CLASS C / ASTM A153 CLASS C / ASTM F2329 OR GALV. MECHANICALLY TO AASHTO M298 CLASS 50, TYPE 1 / ASTM B695 CLASS 50, TYPE 1	3/8" DIA. SEE SDD 14B42 FOR BOLT GEOMETRY
		ASTM A307 GRADE A OR SAE J429 GRADE 2	
		UNC	
		AASHTO M180 HEAD GEOMETRY	
HH2	SPLICE BOLT - NUT	ASTM A563 GRADE A	3/8" DIA. SEE SDD 14B42 FOR BOLT GEOMETRY
		AASHTO M180 DOUBLE RECESSED HEAVY HEX HEAD	
		GALV. HOT DIP TO AASHTO M232 CLASS C / ASTM A153 CLASS C / ASTM F2329 OR GALV. MECHANICALLY TO AASHTO M298 CLASS 50, TYPE 1 / ASTM B695 CLASS 50, TYPE 1	
		OVER TAPPED NUTS OVER-SIZE AS SPECIFIED IN AASHTO 291 / ASTM A 563	
		UNC	
JJ1	PIPE - STEEL	ASTM A53 GALVANIZED GRADE B SCHEDULE 40	10" O.D.
JJ2	TOP PLATE	ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX STRENGTH 50 KSI OR ASTM A709 MAX STRENGTH 50 KSI OR ASTM A992 MAX STRENGTH 50 KSI	DIMENSIONS 3/8" X 4" X 1' - 0"
		GALV. AASHTO M111 / ASTM A123	
KK1	ANCHOR BRACKET	ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX STRENGTH 50 KSI OR ASTM A709 MAX STRENGTH 50 KSI OR ASTM A992 MAX STRENGTH 50 KSI	
		GALV. AASHTO M111 / ASTM A123	
KK2	ANCHOR BRACKET - BEARING PLATE	ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX STRENGTH 50 KSI OR ASTM A709 MAX STRENGTH 50 KSI OR ASTM A992 MAX STRENGTH 50 KSI	
		GALV. AASHTO M111 / ASTM A123	
LL1	ANCHOR BRACKET - BOLT	ASTM A307 GRADE B HEAVY HEX HEAD OR SAE J429 GRADE 2 HEAVY HEX HEAD	5/8" DIA.
		GALV. HOT DIP TO AASHTO M232 CLASS C / ASTM A153 CLASS C / ASTM F2329 OR GALV. MECHANICALLY TO AASHTO M298 CLASS 50, TYPE 1 / ASTM B695 CLASS 50, TYPE 1	
		UNC	

PART	DESCRIPTION	MATERIALS SPECIFICATIONS	NOTES
LL2	ANCHOR BRACKET - WASHER	ASTM F436 TYPE 1 (HARDEN WASHER ONLY)	5/8" DIA.
		GALV. AASHTO M111 / ASTM A123 OR GALV. HOT DIP TO AASHTO M232 CLASS C / ASTM A153 CLASS C / ASTM F2329	
LL3	ANCHOR BRACKET - NUT	ASTM A563 GRADE A	5/8" DIA.
		GALV. HOT DIP TO AASHTO M232 CLASS C / ASTM A153 CLASS C / ASTM F2329 OR GALV. MECHANICALLY TO AASHTO M298 CLASS 50, TYPE 1 / ASTM B695 CLASS 50, TYPE 1	
		OVER TAPPED NUTS OVER-SIZE AS SPECIFIED IN AASHTO 291 / ASTM A 563	
		UNC	
MM1a	ANCHOR CABLE	AASHTO M30 / ASTM A741 INDEPENDENT WIRE CORE (IWRC) OR WIRE STRAND CORE (WCS), IMPROVED PLOW STEEL (IPS), 6X19, TYPE II OR IIc CLASS C ZINC COATED	
MM1b	ANCHOR CABLE	AASHTO M30 / ASTM A741 INDEPENDENT WIRE CORE (IWRC) OR WIRE STRAND CORE (WCS), IMPROVED PLOW STEEL (IPS), 6X19, TYPE II OR IIc CLASS C ZINC COATED	
MM2	ANCHOR CABLE - SWAGE FITTING	ASTM A576 GRADE 1035	
		SWAGE FITTINGS ARE TO BE FACTORY SWEDGED. WITH A BREAKING STRENGTH 40,000 LBS.	
		GALV. AASHTO M111 / ASTM A123	
		ASME B30.26 FORGED, CAST, OR DIE STAMPED WITH THE FOLLOWING INTO CONNECTION: NAME OF MANUFACTURER OR TRADEMARK OF CONNECTION'S MANUFACTURER, SIZE OR RATED LOAD, GRADE.	
MM3	WIRE ROPE CABLE CLAMPS	FF-C-450D TYPE 1 CLASS 1	3/4"
		ASTM A153 HOT DIP CLASS D	
MM4	ANCHOR CABLE - SWAGE FITTING - STUD	ASTM F3125 GRADE A325 TYPE 1 OR SAE GRADE 5 OR ASTM A449 TYPE 1 HEAVY HEX HEAD	
		GALV. HOT DIP TO AASHTO M232 CLASS C / ASTM A153 CLASS C / ASTM F2329 OR GALV. MECHANICALLY TO AASHTO M298 CLASS 50, TYPE 1 / ASTM B695 CLASS 50, TYPE 1	
		UNC	
NN1	ANCHOR CABLE - NUT	ASTM A563 GRADE A	1" DIA.
		AASHTO M180 DOUBLE RECESSED HEAVY HEX HEAD	
		GALV. HOT DIP TO AASHTO M232 CLASS C / ASTM A153 CLASS C / ASTM F2329 OR GALV. MECHANICALLY TO AASHTO M298 CLASS 50, TYPE 1 / ASTM B695 CLASS 50, TYPE 1	
		OVER TAPPED NUTS OVER-SIZE AS SPECIFIED IN AASHTO 291 / ASTM A 563	
		UNC	
NN2	ANCHOR CABLE - NUT - WASHER	ASTM F436 TYPE 1 (HARDEN WASHER ONLY)	1" DIA.
		GALV. AASHTO M111 / ASTM A123 OR GALV. HOT DIP TO AASHTO M232 CLASS C / ASTM A153 CLASS C / ASTM F2329	

SHORT RADIUS BEAM GUARD (MGS) SHORT RADIUS TERMINAL (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 14B53-04h

BILL OF MATERIALS - SHORT RADIUS BEAM GUARD (MGS)

PART	DESCRIPTION	MATERIALS SPECIFICATIONS	NOTES
PP1	BEARING PLATE AT POST	ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX STRENGTH 50 KSI OR ASTM A709 MAX STRENGTH 50 KSI OR ASTM A992 MAX STRENGTH 50 KSI	
		GALV. AASHTO M111 / ASTM A123	
PP2	PIPE - STEEL	ASTM A53 GALVANIZED GRADE B SCHEDULE 40	2" DIA. x 6" LONG
QQ1	FOUNDATION TUBE	ASTM A500 GRADE B	8" X 6" X 3/16"
		GALV. AASHTO M111 / ASTM A123	
QQ2	SHORT RADIUS - FOUNDATION TUBE - ANCHOR CABLE - TUBE	ASTM A500 GRADE B	DIMENSIONS 2 1/2" X 2 1/4" X 1/4" X 8"
		GALV. AASHTO M111 / ASTM A123	
QQ3	SHORT RADIUS - SOIL TUBE - ANCHOR CABLE - TUBE - END PLATE	ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX STRENGTH 50 KSI OR ASTM A709 MAX STRENGTH 50 KSI OR ASTM A992 MAX STRENGTH 50 KSI	DIMENSIONS 2 1/2" X 2 1/2" X 1/4"
		GALV. AASHTO M111 / ASTM A123	
QQ4	GROUND STRUT AND YOKE - BOLT	GALV. HOT DIP TO AASHTO M232 CLASS C / ASTM A153 CLASS C / ASTM F2329 OR GALV. MECHANICALLY TO AASHTO M298 CLASS 50, TYPE 1 / ASTM B695 CLASS 50, TYPE 1	5/8 DIA.
		ASTM A307 GRADE B HEAVY HEX HEAD OR SAE J429 GRADE 2 HEAVY HEX HEAD	
		UNC	
QQ5	GROUND PLATE AND YOKE - WASHER	ASTM F436 TYPE 1 (HARDEN WASHER ONLY)	5/8 DIA.
		GALV. AASHTO M111 / ASTM A123 OR GALV. HOT DIP TO AASHTO M232 CLASS C / ASTM A153 CLASS C / ASTM F2329	
QQ6	GROUND STRUT AND YOKE - NUT	HEAVY HEX	5/8 DIA.
		UNC	
		ASTM A563 GRADE A	
		OVER TAPPED NUTS AS SPECIFIED IN AASHTO 291 / ASTM A 563	
		GALV. HOT DIP TO AASHTO M232 CLASS C / ASTM A153 CLASS C / ASTM F2329 OR GALV. MECHANICALLY TO AASHTO M298 CLASS 50, TYPE 1 / ASTM B695 CLASS 50, TYPE 1	

PART	DESCRIPTION	MATERIALS SPECIFICATIONS	NOTES
SS1	SOIL PLATE	ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX STRENGTH 50 KSI OR ASTM A709 MAX STRENGTH 50 KSI OR ASTM A992 MAX STRENGTH 50 KSI	
		GALV. AASHTO M111 / A123	
TT1	SOIL PLATE - BOLT	ASTM A307 GRADE B HEAVY HEX HEAD OR SAE J429 GRADE 2 HEAVY HEX HEAD	5/8 DIA.
		GALV. HOT DIP TO AASHTO M232 CLASS C / ASTM A153 CLASS C / ASTM F2329 OR GALV. MECHANICALLY TO AASHTO M298 CLASS 50, TYPE 1 / ASTM B695 CLASS 50, TYPE 1	
		UNC	
TT2	SOIL PLATE - WASHER	ASTM F436 TYPE 1 (HARDEN WASHER ONLY)	5/8 DIA.
		GALV. AASHTO M111 / ASTM A123 OR GALV. HOT DIP TO AASHTO M232 CLASS C / ASTM A153 CLASS C / ASTM F2329	
TT3	SOIL PLATE - NUT	GALV. HOT DIP TO AASHTO M232 CLASS C / ASTM A153 CLASS C / ASTM F2329 OR GALV. MECHANICALLY TO AASHTO M298 CLASS 50, TYPE 1 / ASTM B695 CLASS 50, TYPE 1	5/8 DIA.
UU1	OBJECT MARKER - SHEETING	MUTCD / WISDOT OBJECT MARKER TYPE 3	PATTERN AND COLOR FOR SHEETING. SHEETING TYPE FOR MARKER.
		WISDOT SPEC 637 TYPE F	
		APPROVED PRODUCT LIST	
UU2	OBJECT MARKER - ALUMINUM PLATE	WISDOT SPEC 637 ALUMINUM PLATE	MATERIAL AND THICKNESS OF MATERIALS
UU3	OBJECT MARKER - SCREWS	STAINLESS SELF-TAPPING SCREWS	
VV1	FOUNDATION BACKFILL	WISDOT SPEC 614	

SHORT RADIUS BEAM GUARD (MGS) SHORT RADIUS TERMINAL (MGS)

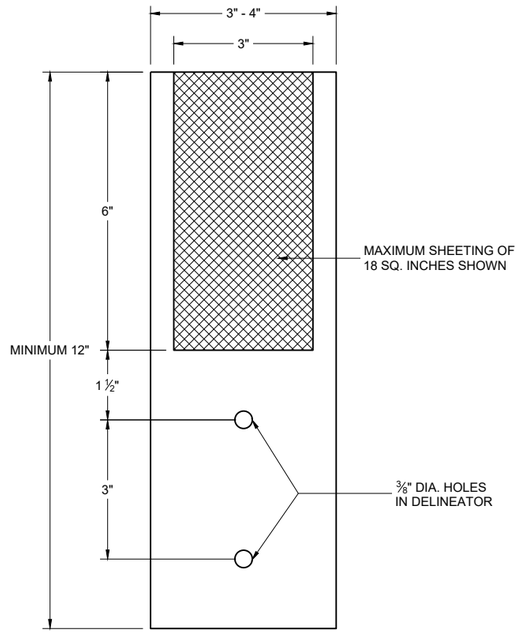
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
December 2024 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVELOPMENT ENGINEER

FHWA

6

SDD 14B53-04i



4" x 12" DELINEATOR
WITH REFLECTIVE SHEETING

REFLECTOR SPACING TABLE

REFLECTOR SPACING	MINIMUM NUMBER OF REFLECTORS
100' C-C	3

DELINEATOR POST
WITH REFLECTIVE SHEETING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
March 2024
DATE

/S/ Jeannie Silver
Statewide Pavement Marking Engineer

FHWA

6
SDD 15A04-08e

GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

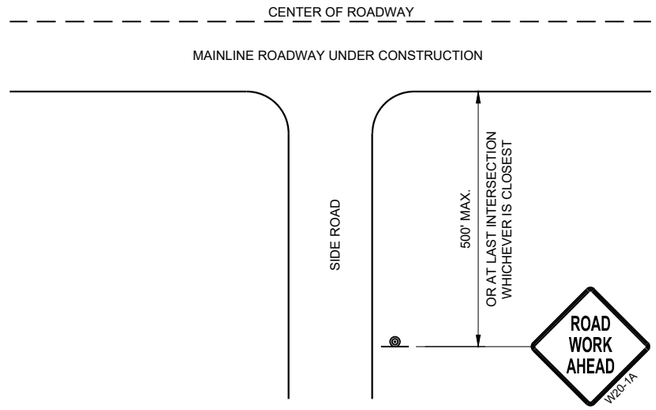
ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

SIGNS THAT WILL BE IN PLACE LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

IF A "STOP" SIGN MUST BE REMOVED FOR A WORK OPERATION, A TEMPORARY "STOP" SIGN SHALL BE PLACED PRIOR TO THE SIGN REMOVAL, OR A FLAGGER SHALL BE PROVIDED UNTIL THE SIGN IS REESTABLISHED.

* OMIT G20-1 SIGNS IF LENGTH OF WORK AREA IS 2 MILES OR LESS

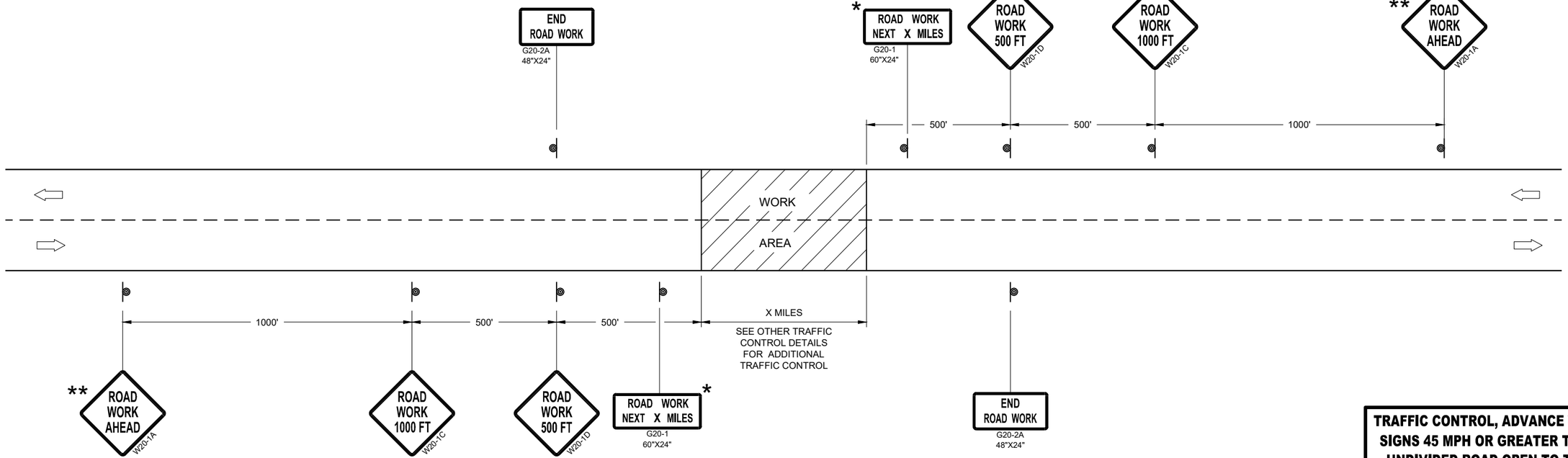
** PLACE AN ADDITIONAL W20-1A "ROAD WORK AHEAD" SIGN IF WORK AREA WITHIN THE PROJECT IS SEPARATED BY MORE THAN 2 MILES FROM PREVIOUS WORK AREA.



TYPICAL SIDE ROAD APPROACH WARNING SIGN DETAIL

LEGEND

- SIGN ON PERMANENT SUPPORT
- DIRECTION OF TRAFFIC
- WORK AREA



TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45MPH OR GREATER

TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 MPH OR GREATER TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
July 2018
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA

6

SDD 15C04 - 05

GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

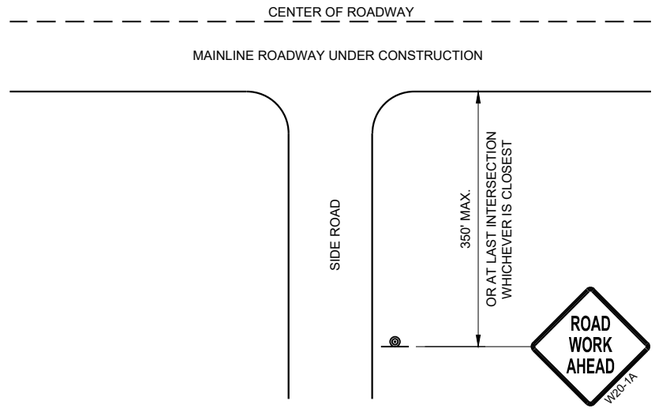
THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

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.



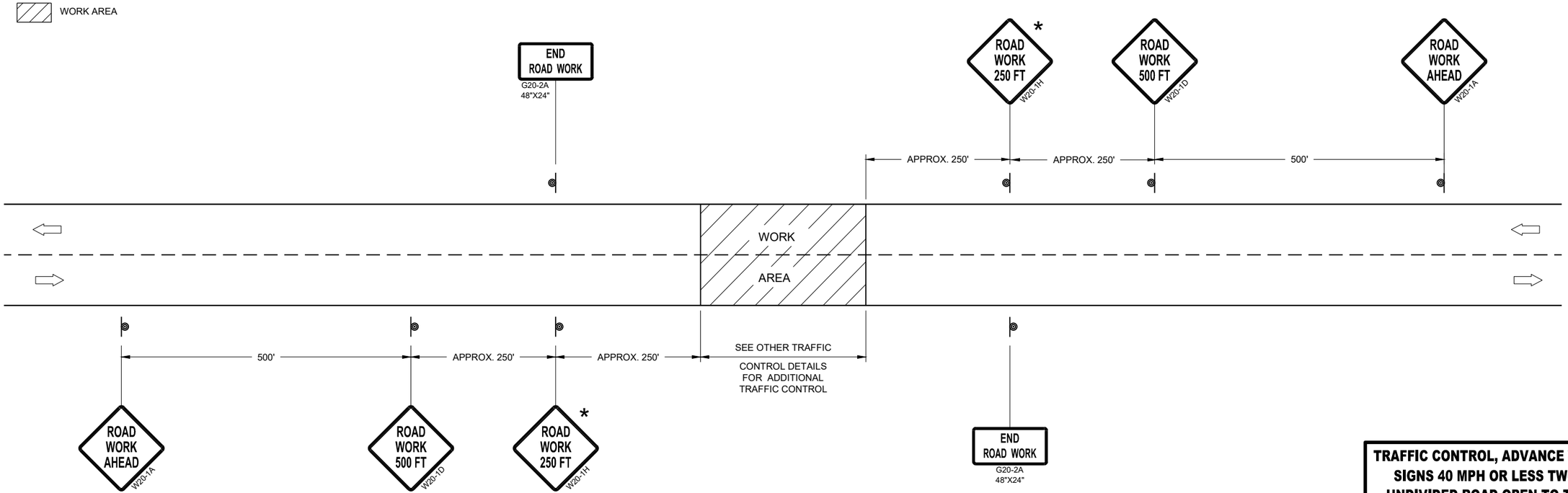
TYPICAL SIDE ROAD APPROACH WARNING SIGN DETAIL

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

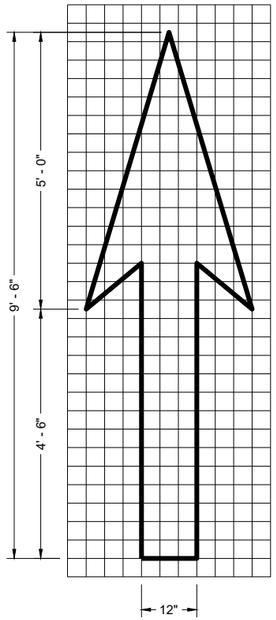
FHWA

6

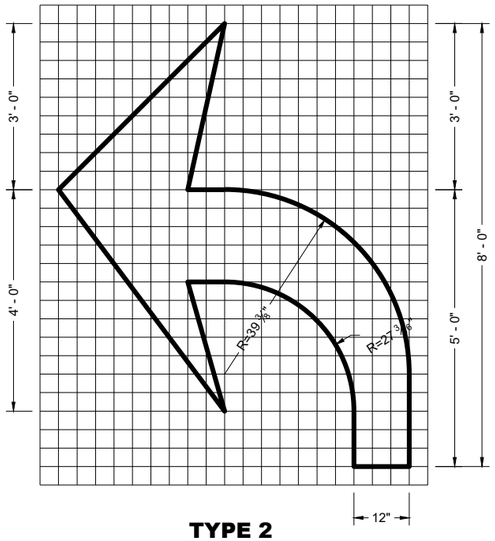
SDD 15C05 - 05

GENERAL NOTES

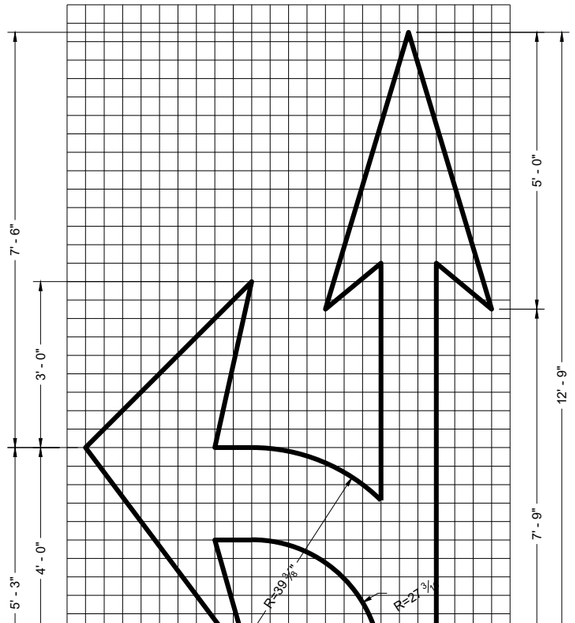
DETAILS OF INSTALLATION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.



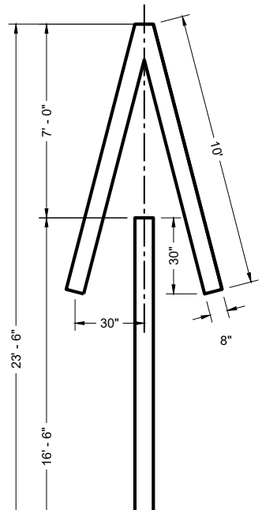
TYPE 1



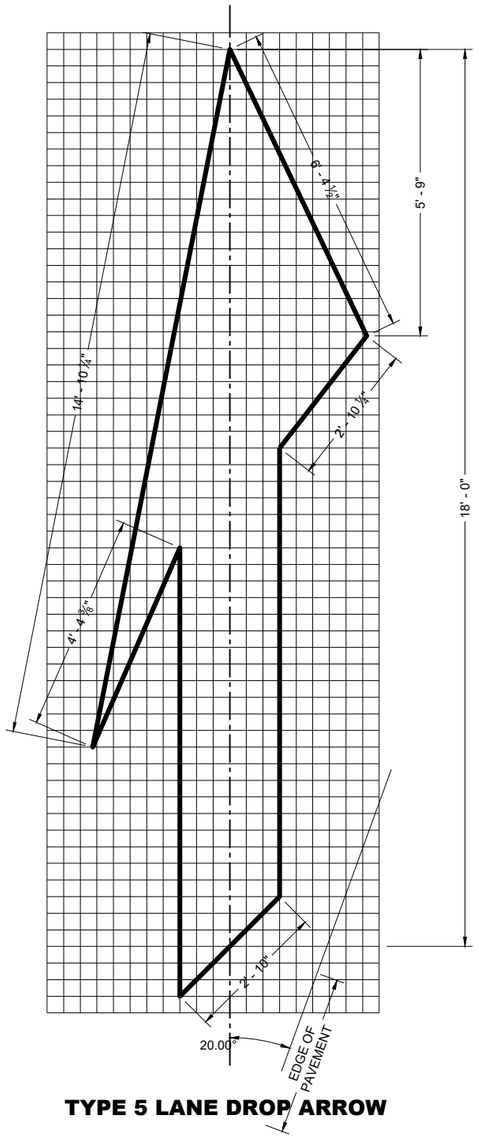
TYPE 2



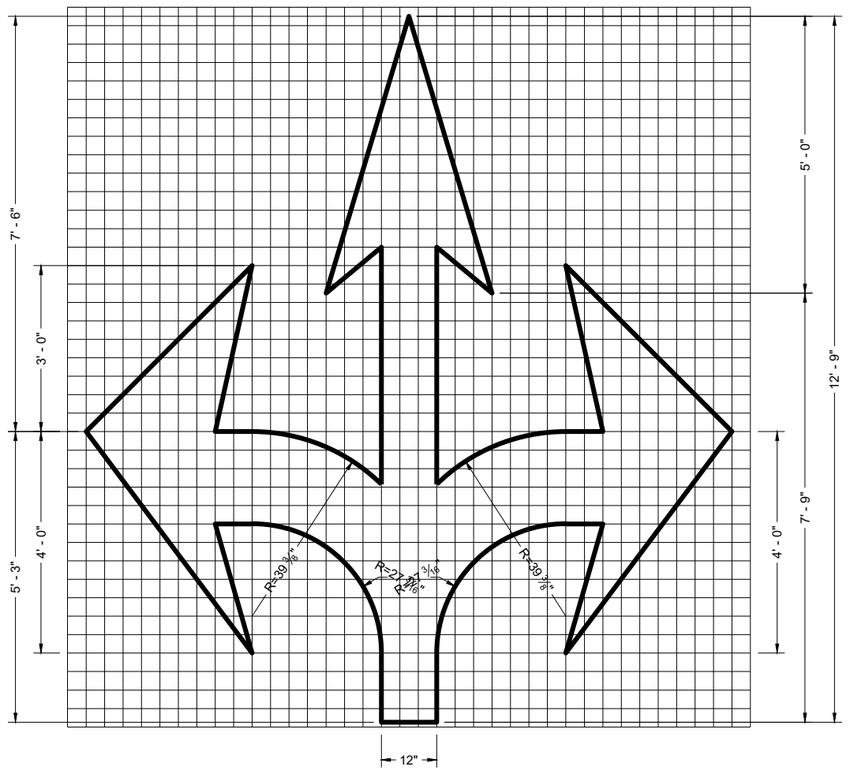
TYPE 3



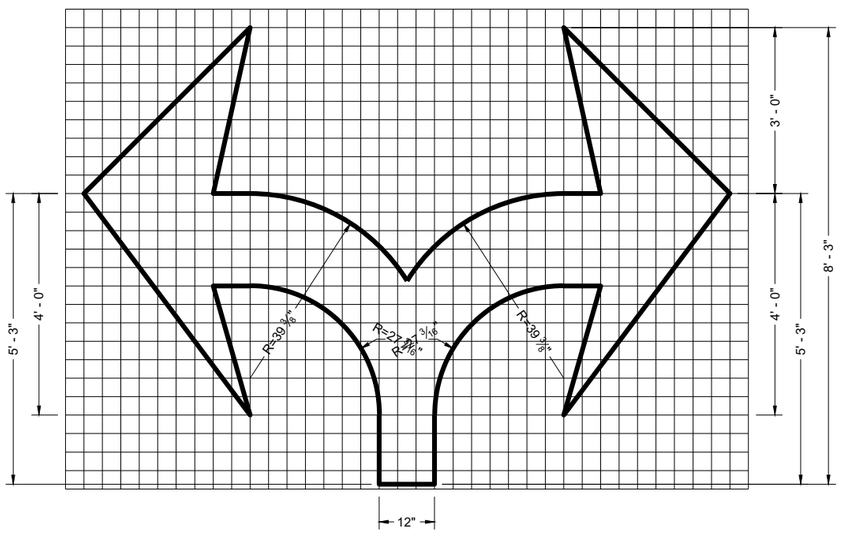
TYPE 4



TYPE 5 LANE DROP ARROW



TYPE 6



TYPE 7

PAVEMENT MARKING ARROWS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

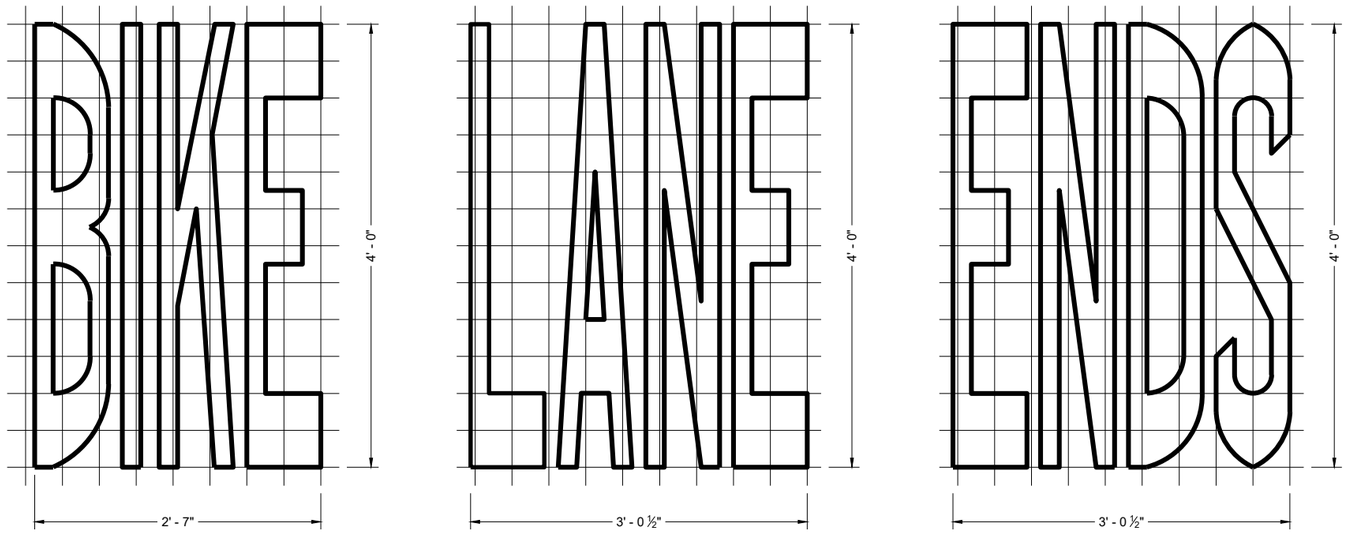
APPROVED
November 2024 — DATE
/S/ Jeannie Silver — STATE SIGNING AND MARKING ENGINEER

FHWA

SDD 15C07-16c

6

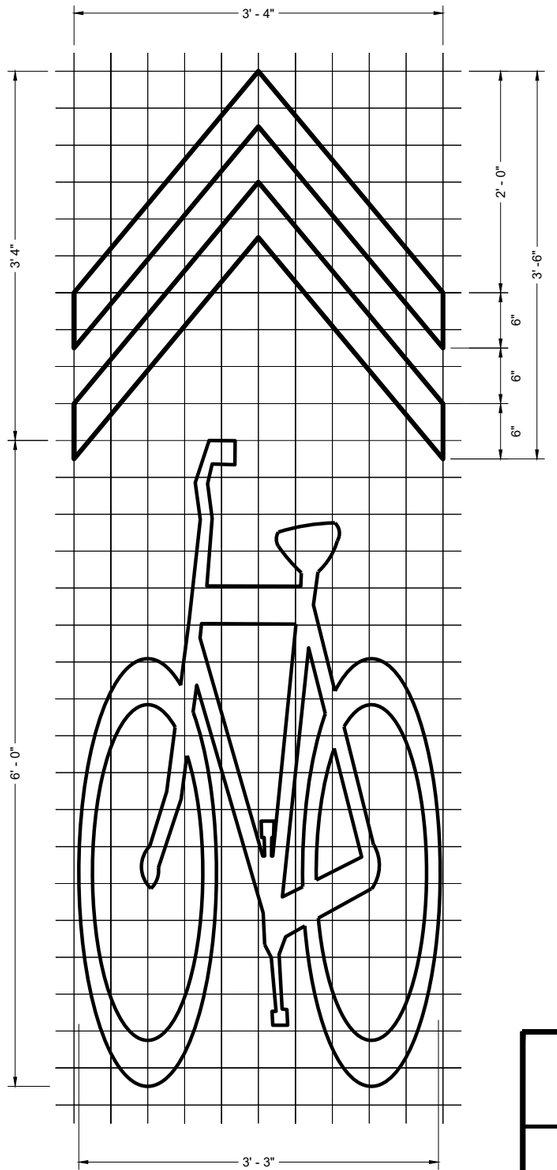
SDD 15C07-16c



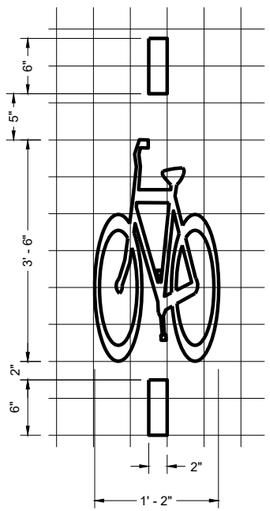
BIKE LANE WORDS

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 ARROW



BICYCLE DETECTOR PAVEMENT MARKING

BIKE LANE SYMBOL

BIKE LANE SYMBOL FOR SHARED LANE

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

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.

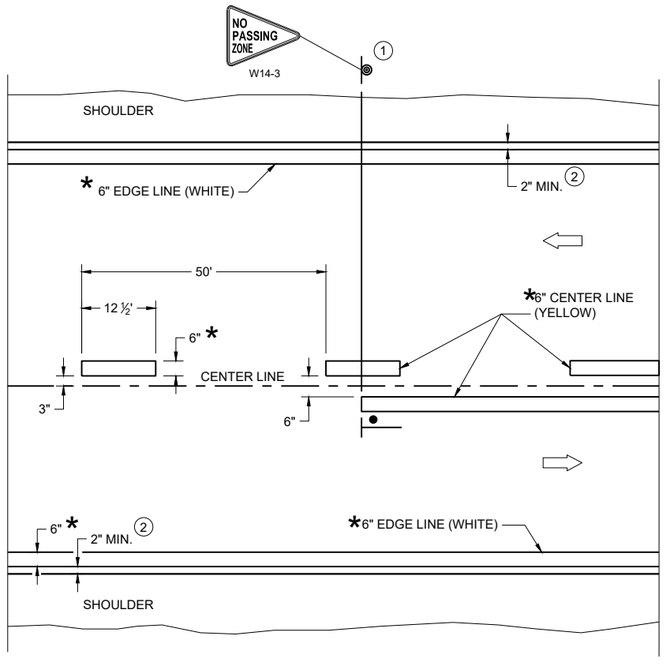
*CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES

LEGEND

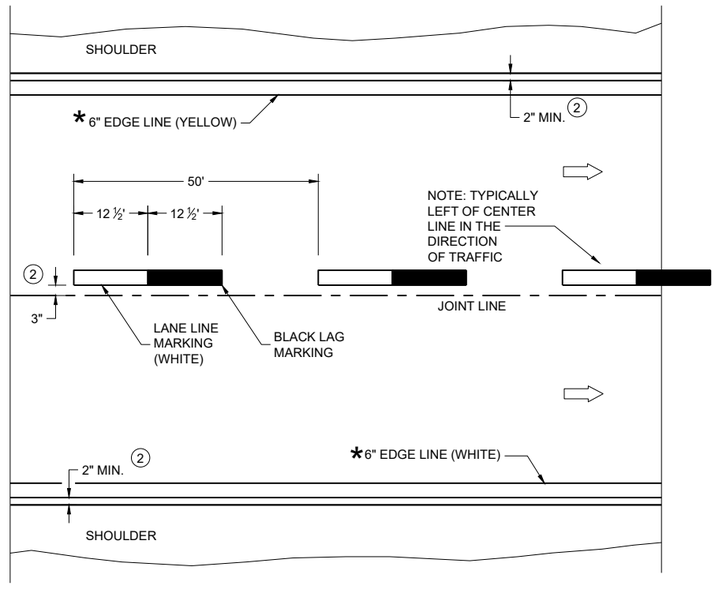
"T" MARKING

SIGN ON PERMANENT SUPPORT

DIRECTION OF TRAFFIC



TWO WAY TRAFFIC

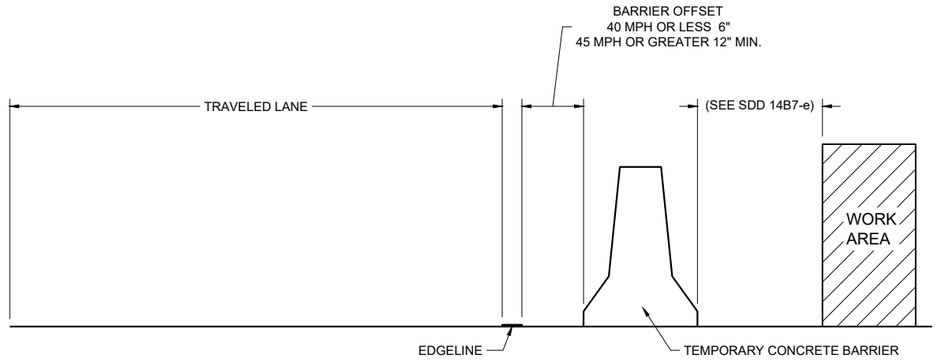


ONE WAY TRAFFIC

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



TEMPORARY BARRIER OFFSET FROM EDGELINE

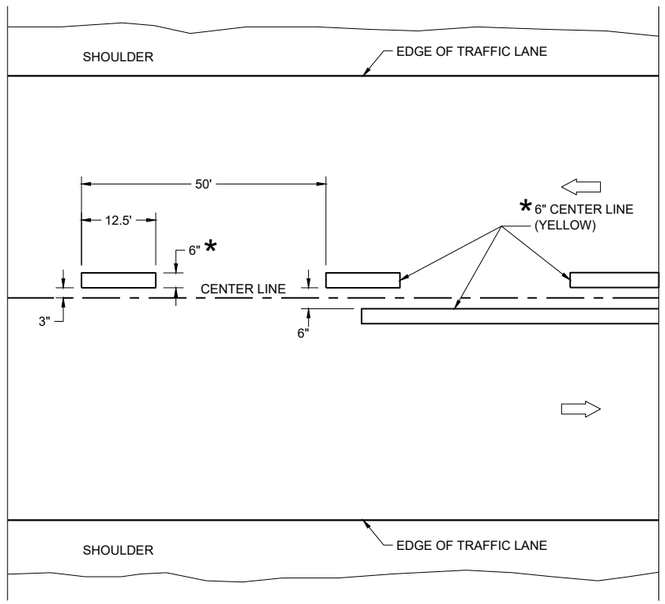
GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.

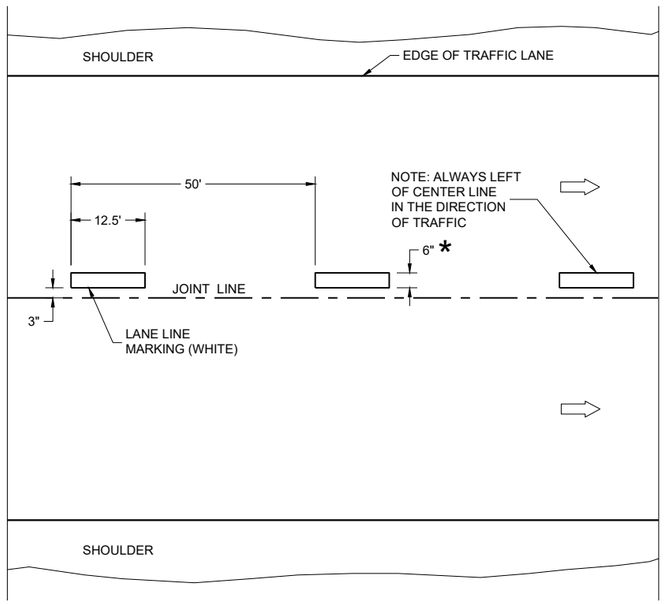
LEGEND

DIRECTION OF TRAFFIC

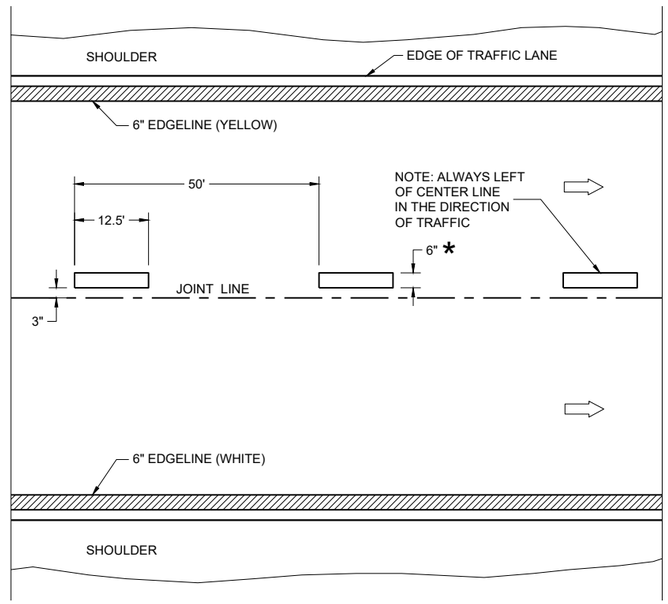
*CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES



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

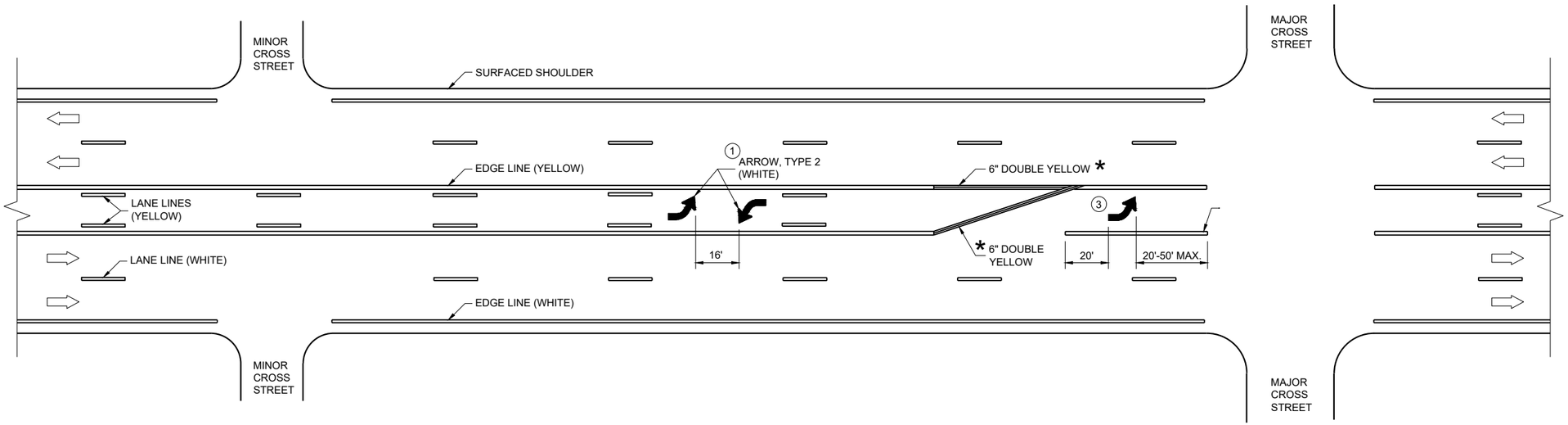
SDD 15C08-24b

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



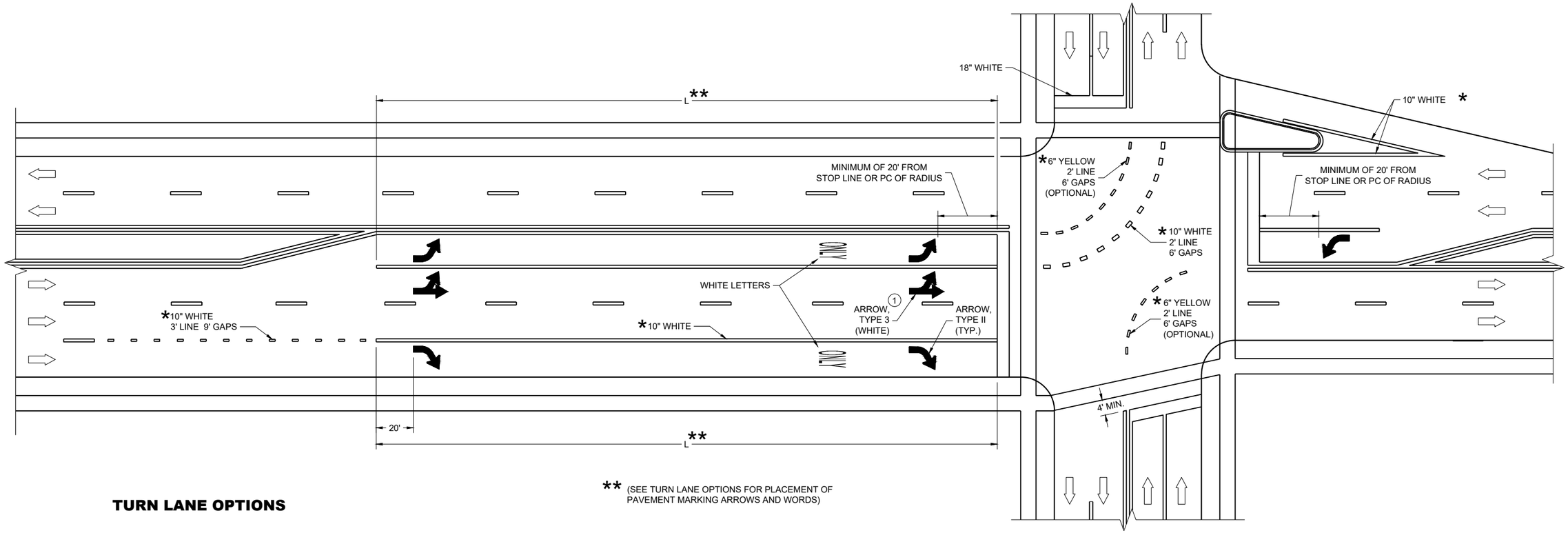
TWO WAY LEFT TURN LANE

6

PAVEMENT MARKING (TURN LANES)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

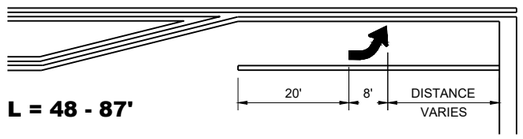
SDD 15C08-24c



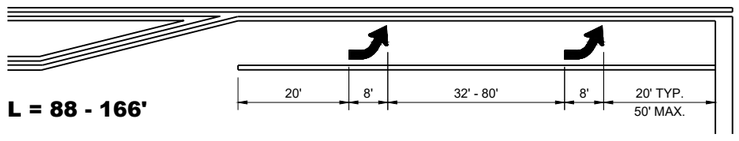
** (SEE TURN LANE OPTIONS FOR PLACEMENT OF PAVEMENT MARKING ARROWS AND WORDS)

TURN LANE OPTIONS

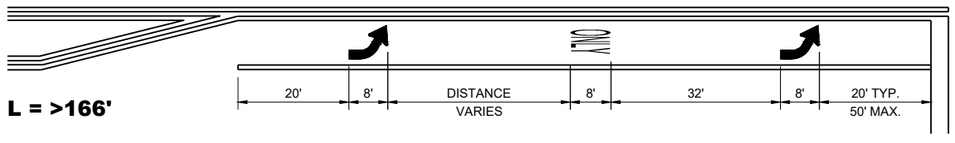
LENGTH OF TURN BAY (**L**) OF 0 - 47' DOES NOT REQUIRE PAVEMENT MARKING ARROWS OR WORDS



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

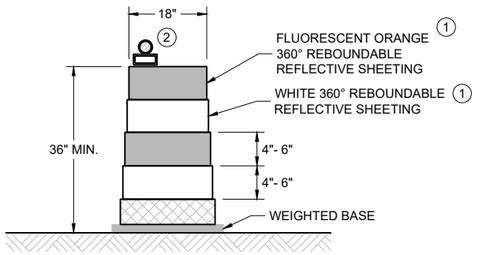
PAVEMENT MARKING (TURN LANES)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

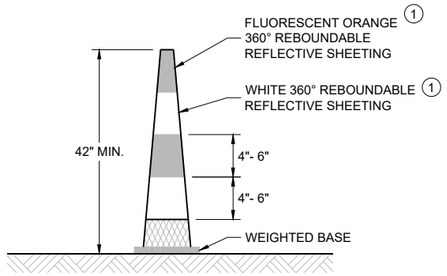
(1) REFLECTIVE SHEETING SHALL FOLLOW THE REQUIREMENTS IN THE APPROVED PRODUCTS LISTING FOR SIGN SHEETING.

(2) LOCATION OF WARNING LIGHTS WHEN SHOWN ON THE PLAN.



DRUM

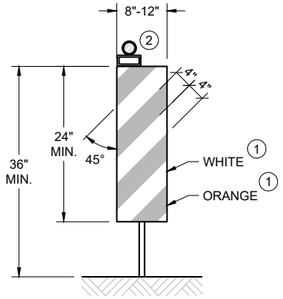
BALLAST WIDTHS
RANGE FROM 24"-36"



42" CONE

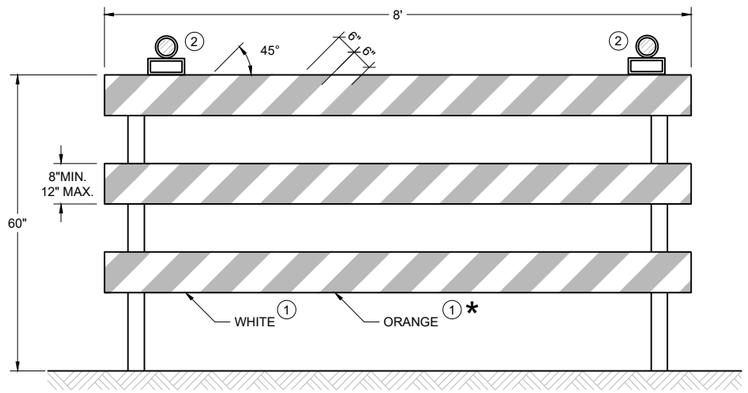
DO NOT USE IN TAPERS
½ SPACING OF DRUMS

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

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.

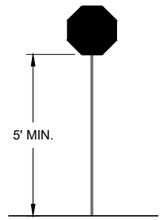
(3) EACH TEMPORARY PORTABLE RUMBLE STRIP ARRAY CONSISTS OF THREE RUMBLE STRIPS PLACED TRANSVERSE ACROSS THE LANE AT THE LOCATIONS SHOWN. WITHIN EACH ARRAY, SPACING BETWEEN RUMBLE STRIPS SHALL BE 15 FEET ON CENTER

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

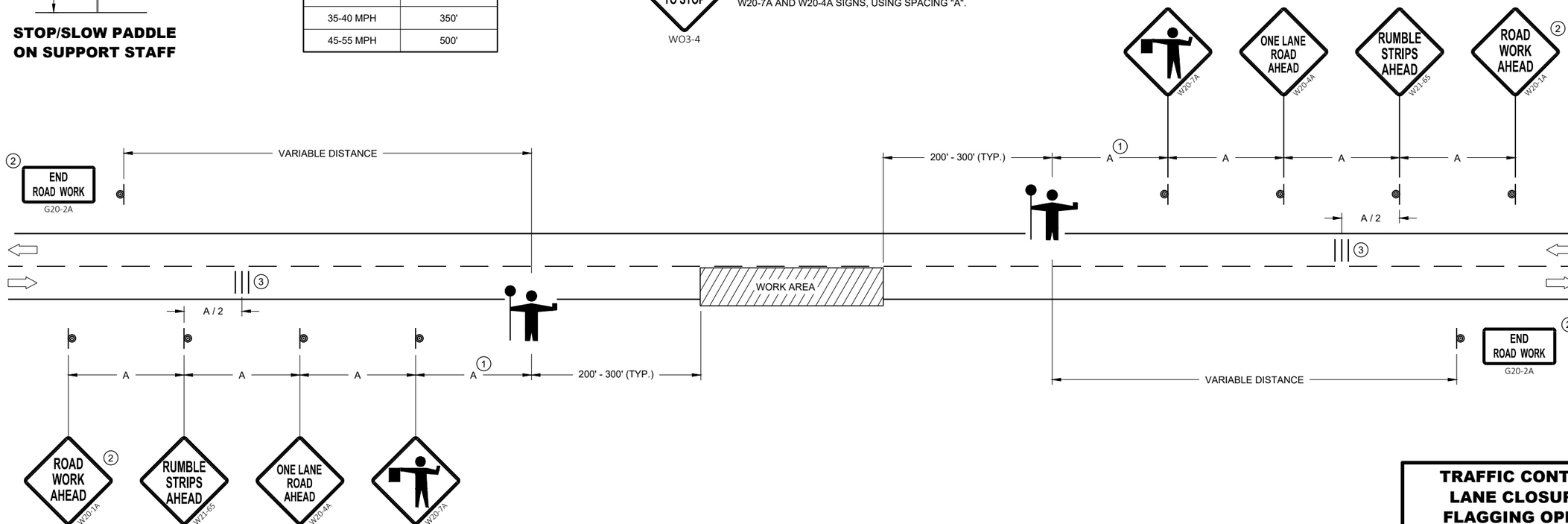
SIGN AND TEMPORARY RUMBLE STRIP ARRAY SPACING TABLE

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

SDD 15C12 - 09a

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

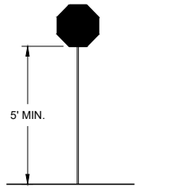
UTILIZE TEMPORARY PORTABLE RUMBLE STRIPS ON ALL FLAGGING OPERATIONS.

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.

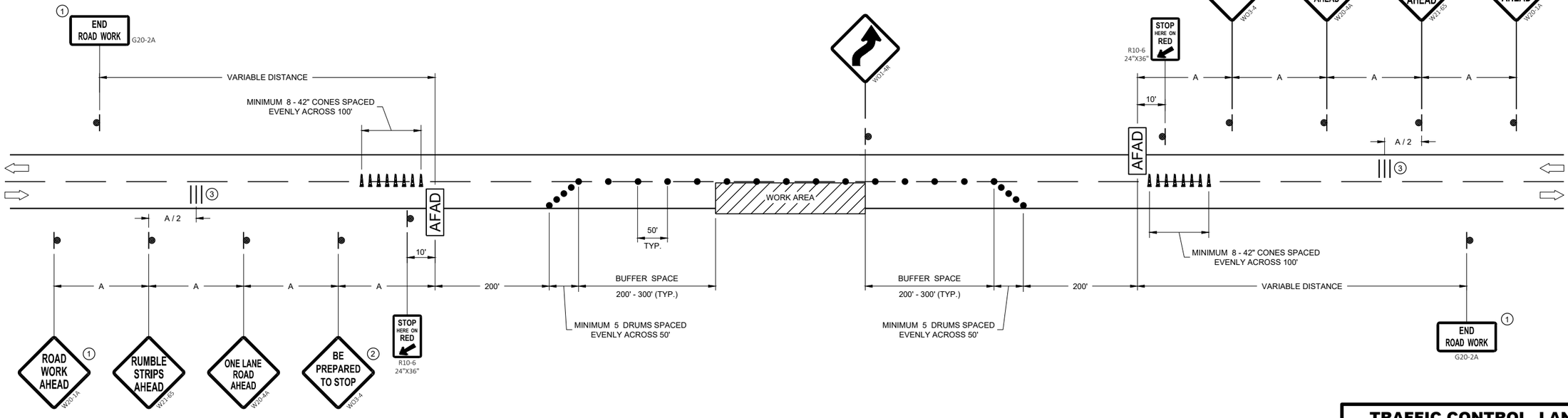
(3) EACH TEMPORARY PORTABLE RUMBLE STRIP ARRAY CONSISTS OF THREE RUMBLE STRIPS PLACED TRANSVERSELY AT THE LOCATIONS SHOWN. WITHIN EACH ARRAY, SPACING BETWEEN RUMBLE STRIPS SHALL BE 15 FEET ON CENTER.



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

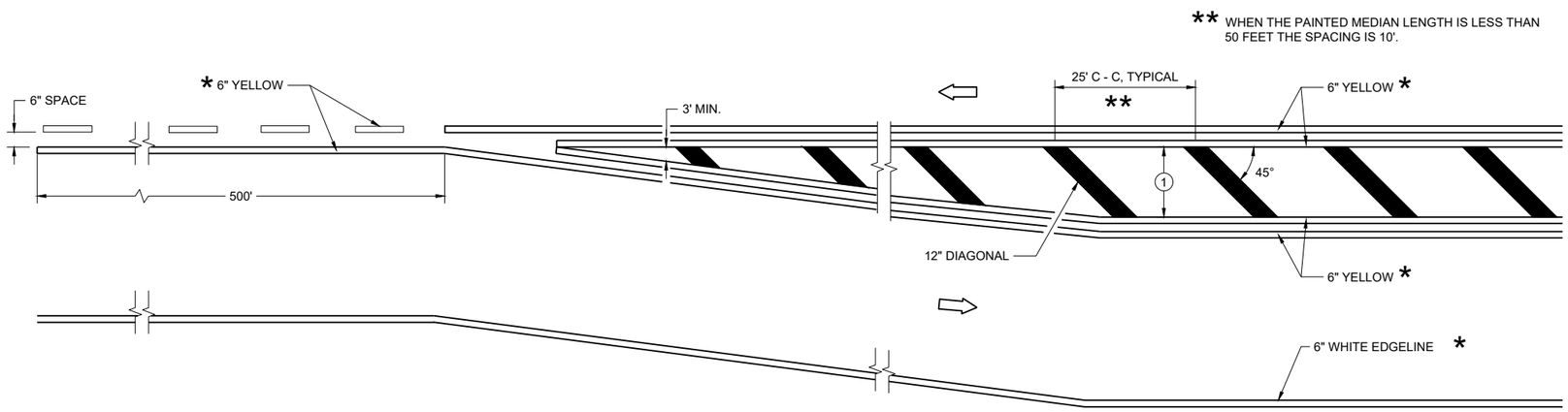
FHWA

6

SDD 15C12 - 09b

6

SDD 15C12 - 09b



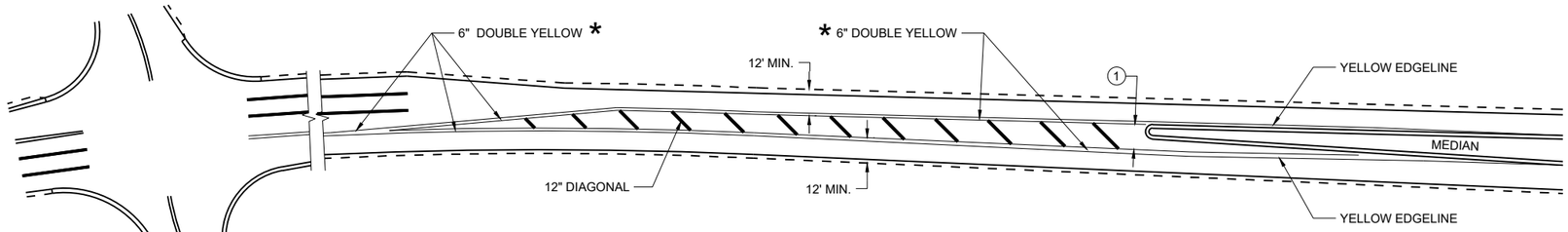
MEDIAN ISLAND DETAIL

GENERAL NOTES

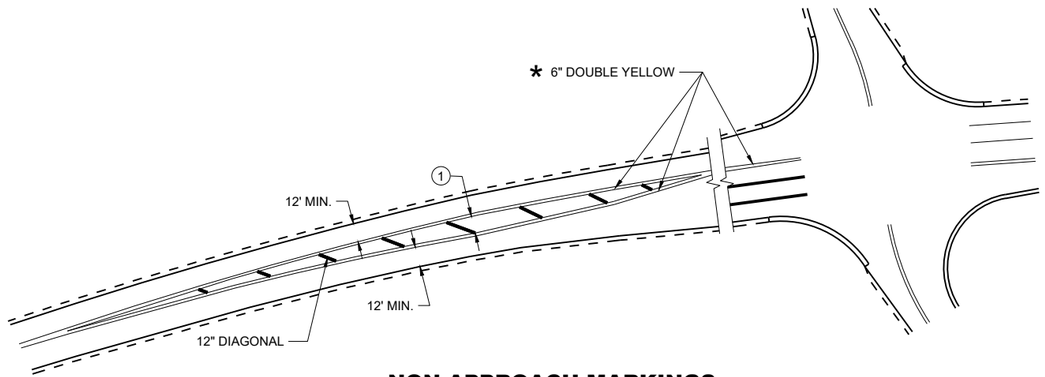
(1) DIAGONALS ARE OPTIONAL WHEN PAINTED ISLAND IS LESS THAN 6 FEET AT THE WIDEST POINT. OMIT DIAGONALS IF WIDTH IS LESS THAN 4 FEET.

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

6

SDD 15C18-09a

SDD 15C18-09a

LEGEND

V1 LEAD VEHICLE

V2 MARKING VEHICLE

V3 SHADOW VEHICLE

TRUCK MOUNTED ATTENUATOR (TMA)

SIGN ON TEMPORARY SUPPORT

DIRECTION OF TRAFFIC

GENERAL NOTES

ALL VEHICLES SHALL BE EQUIPPED WITH TWO 360 DEGREE HIGH INTENSITY YELLOW FLASHING LIGHTS OR STROBE LIGHTS AND OPERATED WITH HEADLIGHTS TURNED ON.

ALL VEHICLES SHALL BE EQUIPPED WITH REAR FACING TYPE B OR C FLASHING ARROW PANEL OPERATING IN CAUTION MODE. SIGNS PLACED ON VEHICLES MUST NOT OBSCURE THE ARROW PANEL.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE SPECIFIED.

DISTANCE BETWEEN VEHICLES MAY VARY ACCORDING TO TERRAIN, SIGHT DISTANCE, PAINT DRYING TIME, AND OTHER FACTORS. WHENEVER ADEQUATE STOPPING SIGHT DISTANCE EXISTS TO THE REAR, SHADOW VEHICLES SHOULD MAINTAIN THE MINIMUM DISTANCE FROM THE WORK VEHICLE AND PROCEED AT THE SAME SPEED AS THE WORK VEHICLE. SHADOW VEHICLES SHOULD SLOW DOWN IN ADVANCE OF VERTICAL AND HORIZONTAL CURVES THAT RESTRICT SIGHT DISTANCE.

THE WORK AND SHADOW VEHICLES SHOULD PULL OVER PERIODICALLY TO ALLOW TRAFFIC TO PASS.

WHEN NO WORK ACTIVITY IS TAKING PLACE, REMOVE OR LAY STATIONARY SIGNS AND SUPPORTS FLAT ON THE GRADE WITH

WORKERS SHALL NOT PERFORM WORK FROM ANY SHADOW OR PROTECTION VEHICLES.

UPRIGHTS ORIENTED PARALLEL TO AND DOWNSTREAM FROM TRAFFIC.

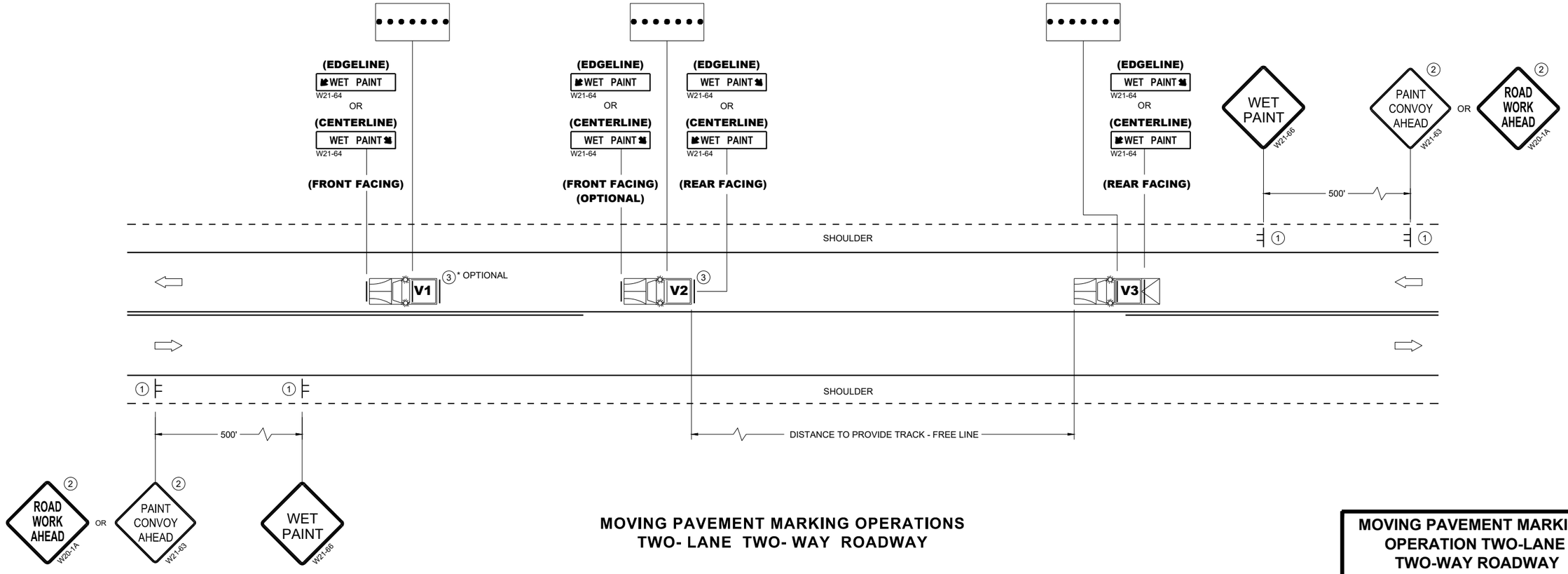
CONES SHOULD BE USED BETWEEN THE MARKING AND SHADOW VEHICLE AT 100 FOOT SPACING. CONES MAY BE OMITTED ON PAINTED LINE IF APPROVED BY THE ENGINEER. CONSIDER PAVEMENT MARKING DRY OR CURE TIMES AND TRAFFIC VOLUME.

CONES SHALL BE A MINIMUM OF 28" FOR WET PAVEMENT MARKING .

(1) SIGNS SHALL BE REPEATED APPROXIMATELY EVERY THREE MILES AND AFTER EVERY MAJOR INTERSECTION.

(2) IF CONSTRUCTION WORK ZONE SIGNS ARE IN PLACE, W20-1A OR W21-63 ARE NOT REQUIRED.

(3) V1 AND V2 CAN BE SWITCHED SO THAT THE MARKER IS THE LEAD VEHICLE.



MOVING PAVEMENT MARKING OPERATIONS
TWO- LANE TWO- WAY ROADWAY

MOVING PAVEMENT MARKING OPERATION TWO-LANE TWO-WAY ROADWAY

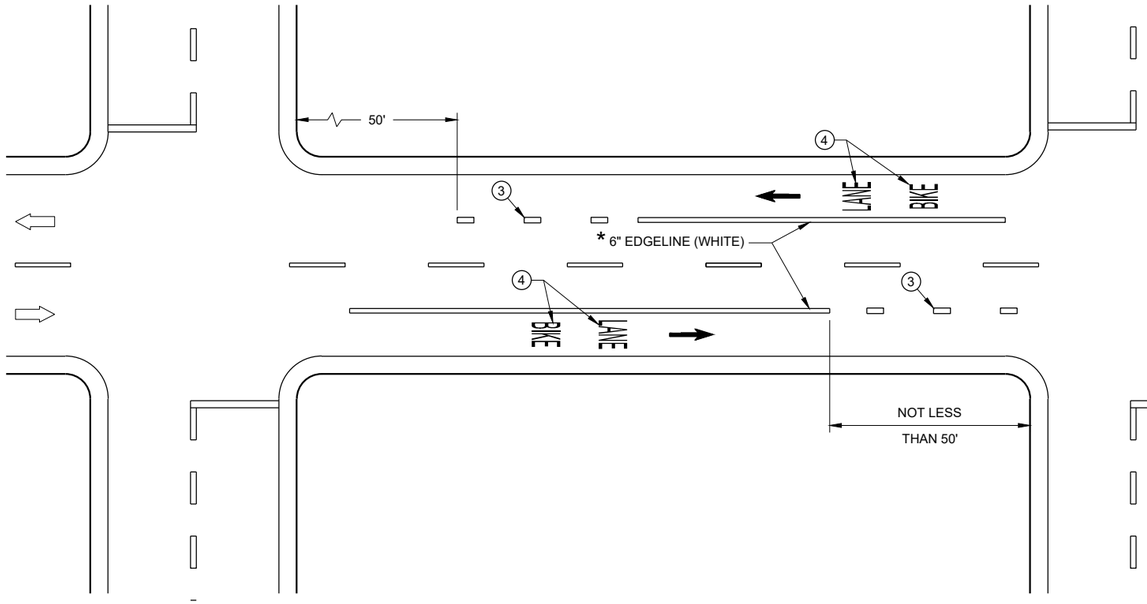
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

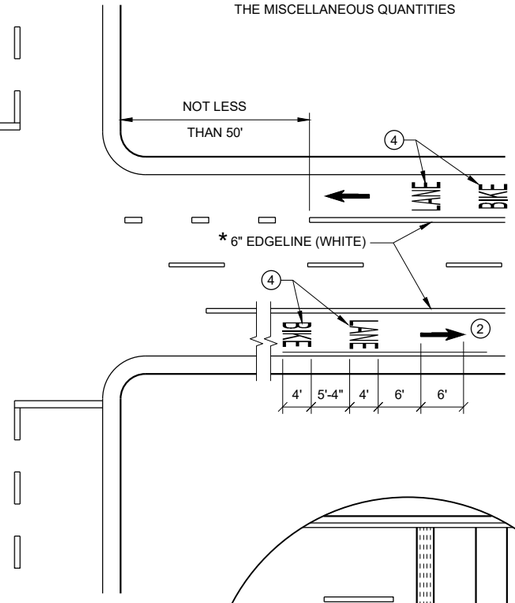
APPROVED
November 2025 — DATE
/S/ Andrew Heidtke — STATE ELECTRICAL ENGINEER

FHWA

6

SDD 15C19-11a





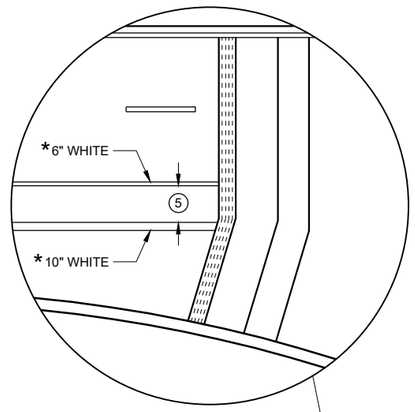
* CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES

GENERAL NOTES

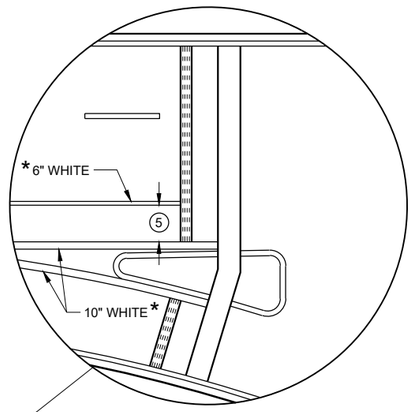
1. DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
2. MINIMUM OF ONE PER BLOCK. MAXIMUM OF 250 FEET.
3. DOTTED LINES (3' LINE, 9' GAP) SHOULD BE USED 50 FEET TO 200 FEET IN ADVANCE OF AN INTERSECTION WHERE THERE IS NO RIGHT TURN ONLY 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

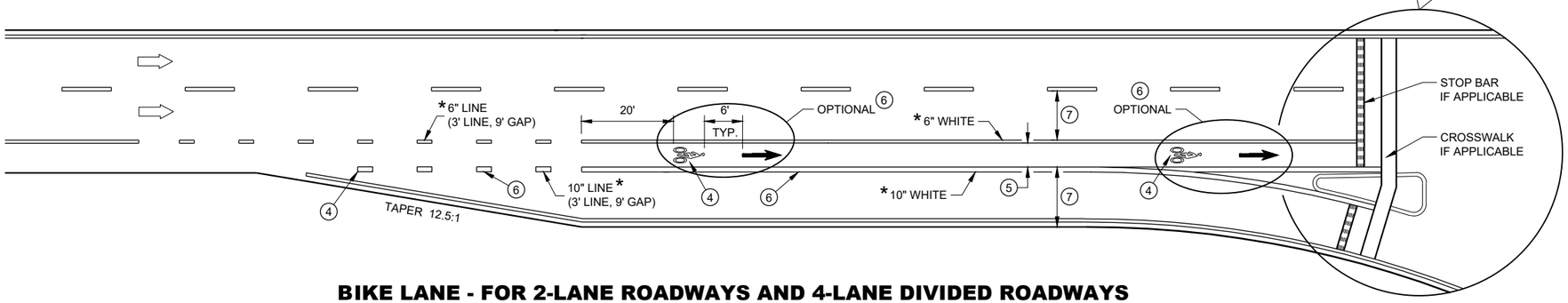
DESIGNATED BIKE LANE - NO PARKING



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

6

SDD 15C29-08a

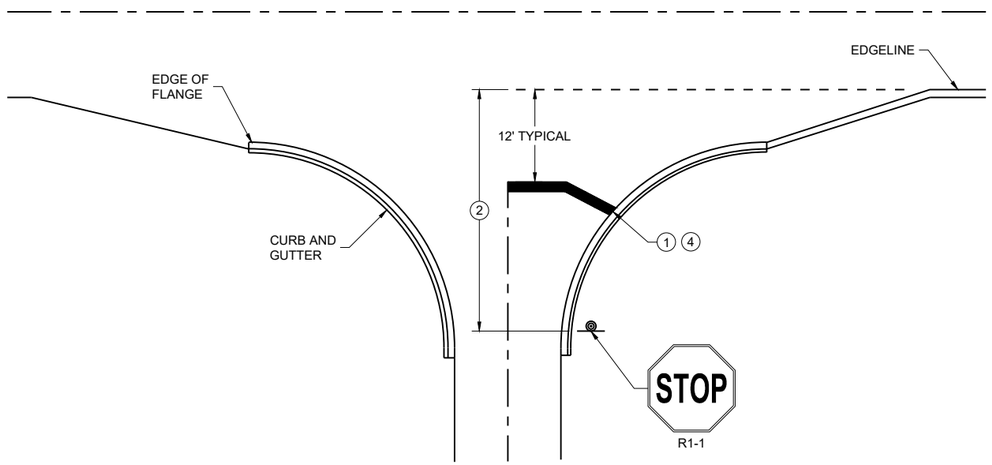
6

SDD 15C29-08a

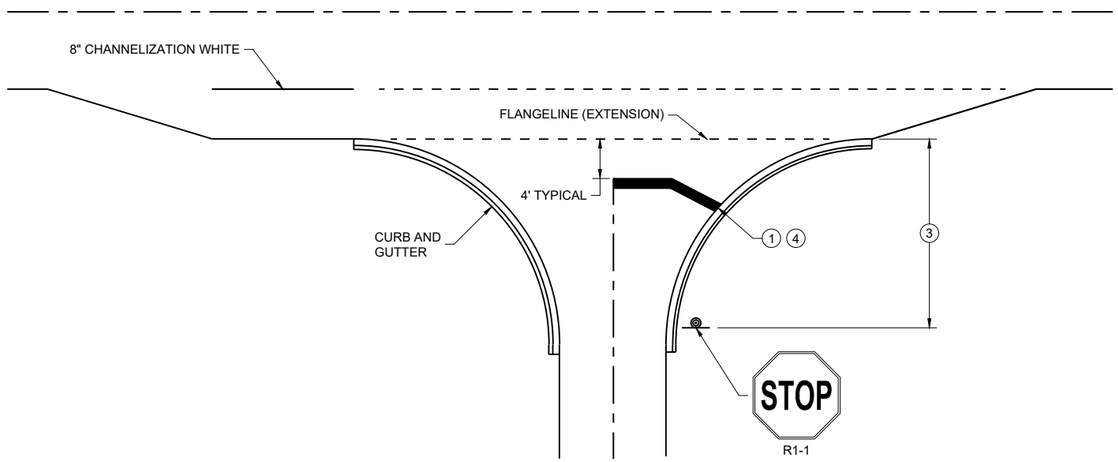
GENERAL NOTES

STOP SIGN SHALL BE PLACED A MINIMUM OF 6 FEET TO A MAXIMUM OF 50 FEET FROM THE EDGELINE LOCATION.

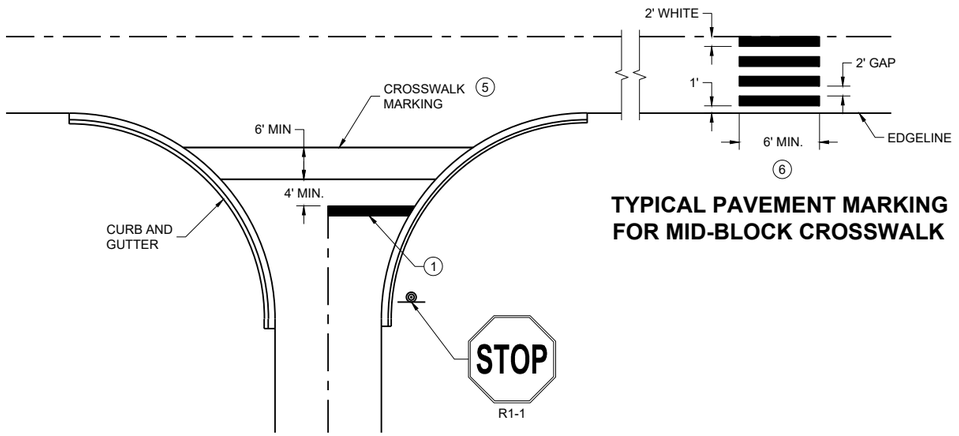
1. 18-INCH STOP LINES MAY BE DELETED OR ADDED BY THE REGION MARKING ENGINEER BASED ON VISIBILITY AND SIGHT LINES.
2. NO STOP LINE IS REQUIRED IF STOP SIGN IS LESS THAN OR EQUAL TO 40 FEET FROM THE EDGELINE.
3. NO STOP LINE IS REQUIRED IF STOP SIGN IS LESS THAN OR EQUAL TO 30 FEET FROM THE FLANGE LINE 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

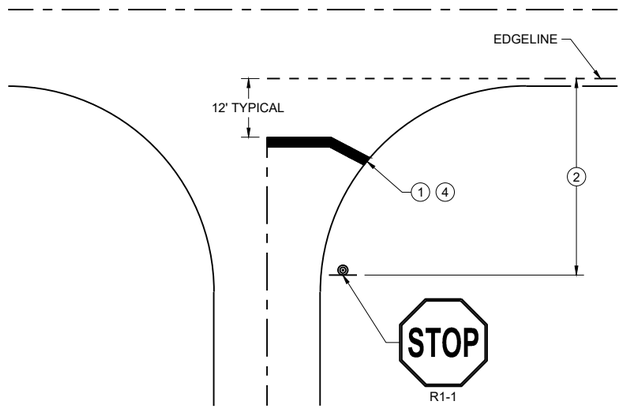


TYPICAL STOP LINE PAVEMENT MARKING FOR SIDE ROADS WITH RIGHT TURN LANE



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

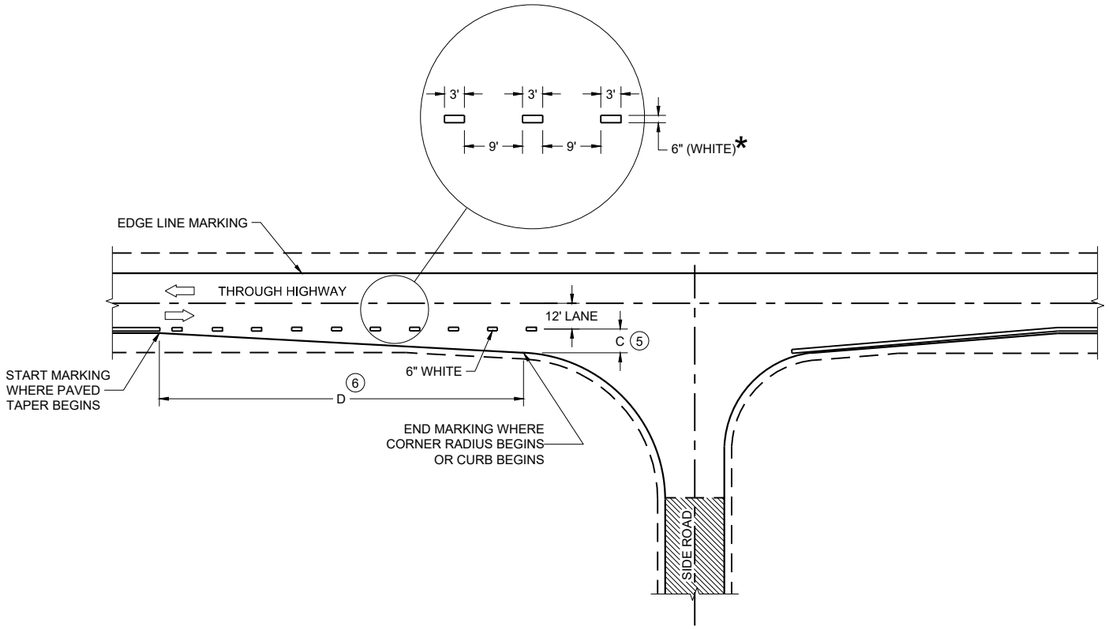
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

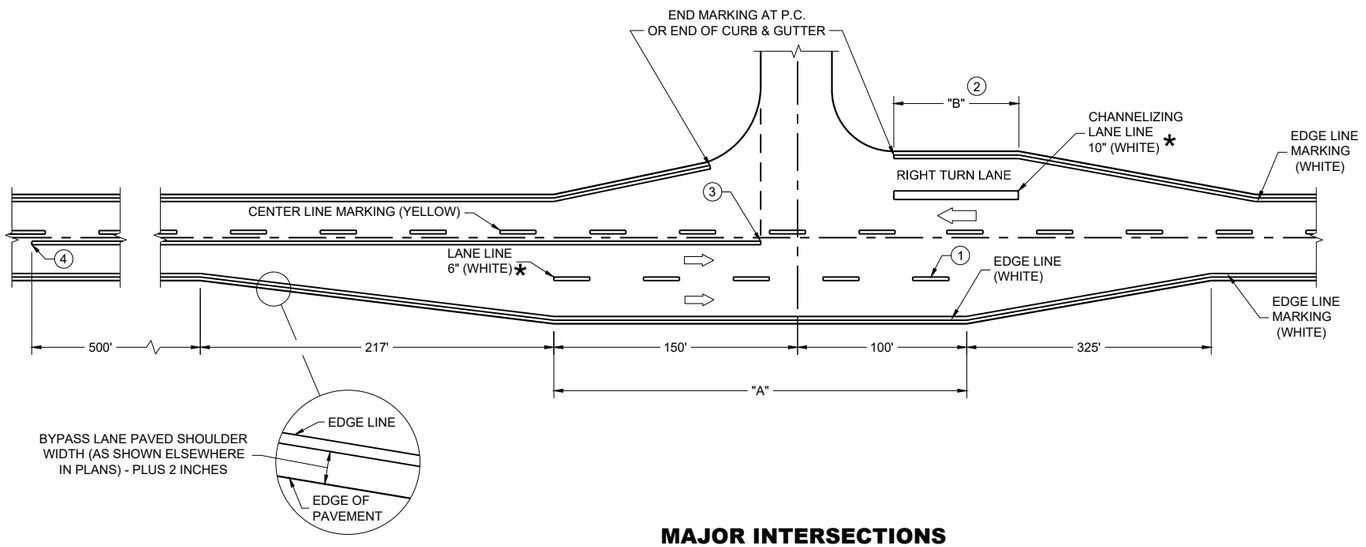
March 2024 — DATE

/S/ Matthew Rauch — STATE SIGNING AND MARKING ENGINEER

FHWA



MINOR INTERSECTION



MAJOR INTERSECTIONS

(INTERSECTION WITH FULL RIGHT TURN LANE OR BYPASS LANE)

*CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES

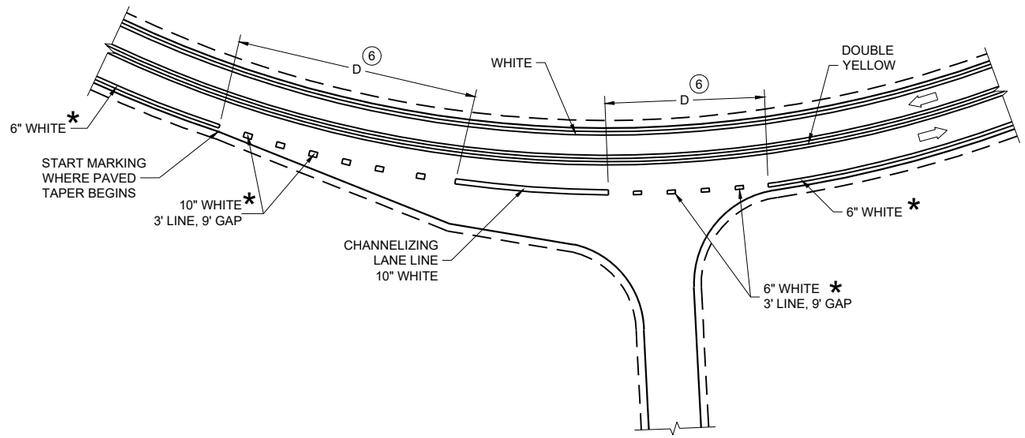
GENERAL NOTES

OMIT EDGE LINES THROUGH INTERSECTIONS. CONTINUE EDGE LINES THROUGH DRIVEWAYS.

1. WHEN DISTANCE "A" IS LESS THAN 250 FEET, OMIT LANE LINE.
2. WHEN DISTANCE "B" IS LESS THAN 100 FEET, OMIT CHANNELIZING LANE LINE.
3. BARRIER LINE ENDS AT SIDE ROAD PAVEMENT / SURFACE EDGE EXTENSION.
4. BARRIER LINE STARTS 500 FEET PRIOR TO THE BYPASS TAPER.
5. WHEN DISTANCE "C" IS LESS THAN 4 FEET, OMIT DOTTED EXTENSION.
6. WHEN DISTANCE "D" IS LESS THAN 50 FEET, OMIT DOTTED EXTENSION.

LEGEND

DIRECTION OF TRAVEL



INTERSECTION ON OUTSIDE OF CURVE

PAVEMENT MARKING (INTERSECTIONS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

LEGEND

- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- DIRECTION OF TRAFFIC
- WORK ZONE

GENERAL NOTES

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36" X 36" SIGNS MAY BE USED IF APPROVED BY THE REGIONAL TRAFFIC UNIT.

"WO" SIGN IS THE SAME AS "W" SIGN EXCEPT THE BACKGROUND IS ORANGE.

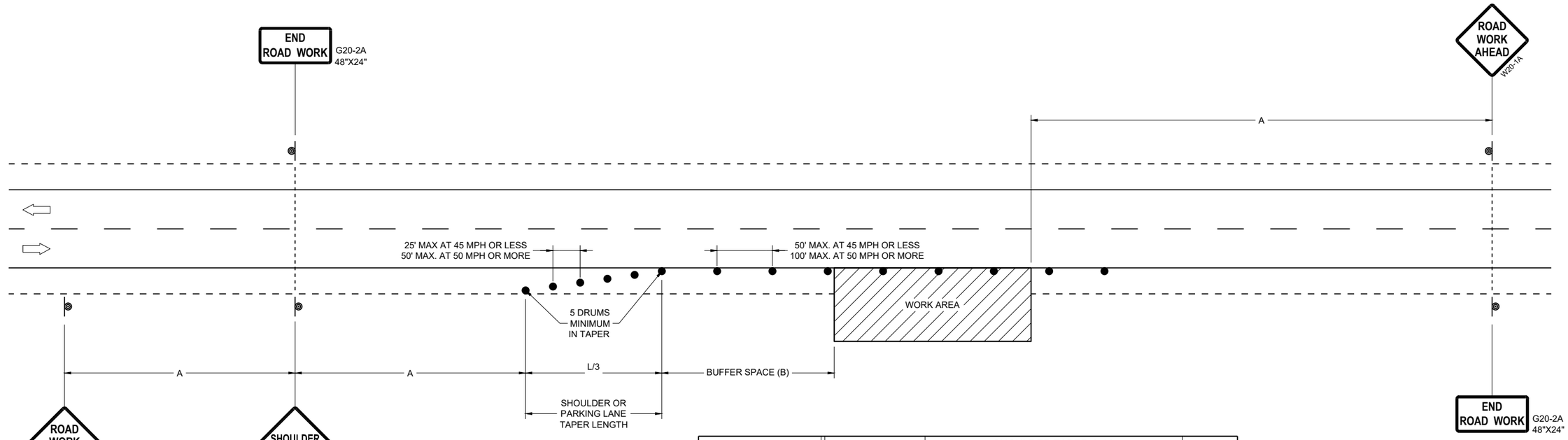
ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

W20-1A AND G20-2A SIGNS ARE NOT REQUIRED IF THE WORK AREA IS WITHIN A LARGER WORK ZONE WHERE THESE SIGNS ARE ALREADY PRESENT.



POSTED SPEED LIMIT PRIOR TO WORK STARTING (MPH)	ADVANCE WARNING SIGN SPACING (A) FEET	SHOULDER TAPER L / 3 W, LATERAL OFFSET (FT)						BUFFER SPACE (B) FEET
		3	4	5	6	7	8	
25	200'	10	14	17	21	24	28	155
30	200'	15	20	25	30	35	40	200
35	350'	20	27	34	40	47	54	250
40	350'	26	35	44	53	62	70	305
45	500'	45	59	74	89	104	119	360
50	500'	50	66	83	99	116	132	425
55	500'	54	73	91	109	127	145	495

TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY

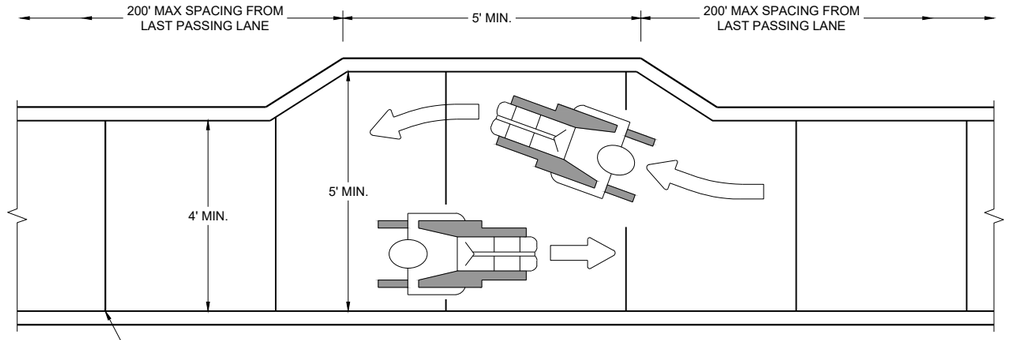
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2026
DATE

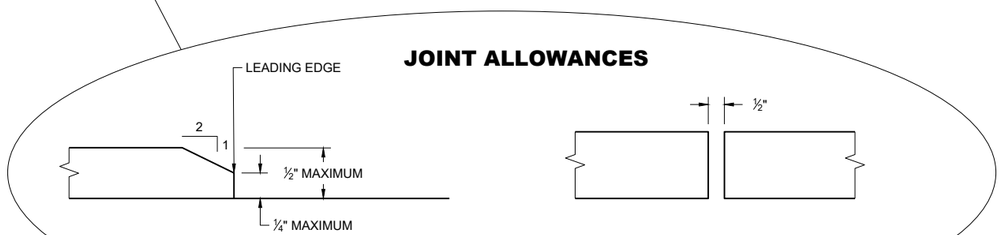
/S/ ANDREW HEIDTKE
STATEWIDE WORK ZONE TRAFFIC SAFETY ENGINEER

FHWA

6
SDD 15D28-06



NARROW SIDEWALK PASSING DETAIL



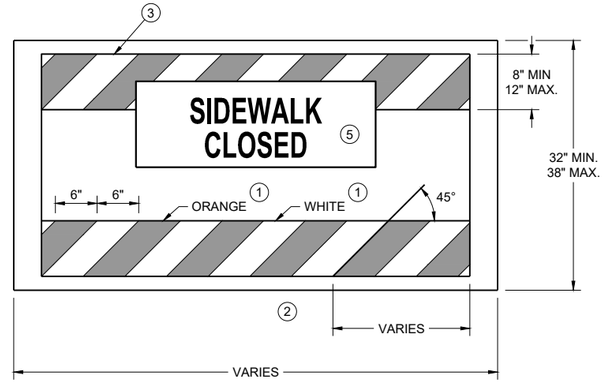
MAXIMUM VERTICAL GAP

MAXIMUM HORIZONTAL GAP

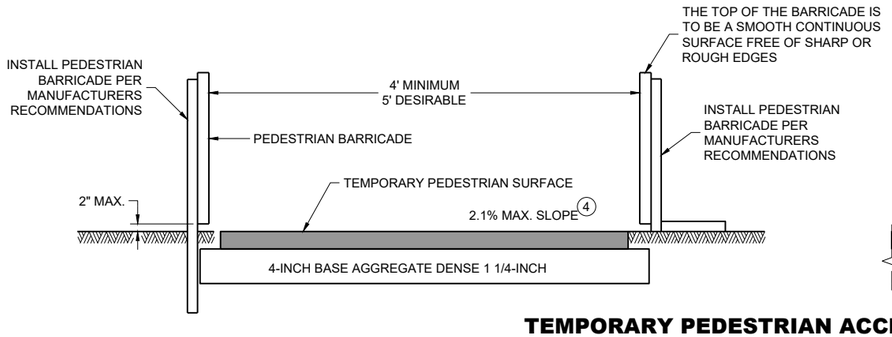
GENERAL NOTES

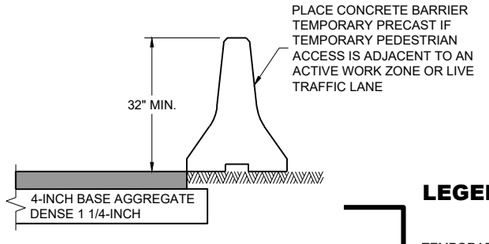
BARRICADE DEVICE SELECTED FROM APPROVED PRODUCT LIST

1. REFLECTIVE SHEETING SHALL FOLLOW THE REQUIREMENTS IN THE APPROVED PRODUCTS LISTING FOR SIGN SHEETING.
2. SHEETING REQUIRED ON MORE THAN 50% OF BARRICADE WIDTH.
3. PLACE SHEETING ON BOTH SIDES OF THE BARRICADE.
* USE THIS DETAIL FOR SHEETING PLACEMENT REFERENCE.
4. WHEN THE TEMPORARY PEDESTRIAN ACCESS ROUTE RUNS PARALLEL ON THE ROADWAY SURFACE, THE MAXIMUM CROSS SLOPE WILL MATCH THE EXISTING ROADWAY CROSS SLOPE.
5. WHERE SIGNS FOR TEMPORARY PEDESTRIAN ACCOMMODATIONS ARE SHOWN BEING PLACED BEHIND TEMPORARY PEDESTRIAN BARRICADE, THE SIGNS MAY BE MOUNTED ON THE TEMPORARY PEDESTRIAN BARRICADE INSTEAD. A CORRUGATED POLYPROPYLENE OR POLYETHYLENE PLASTIC SIGN BASE SHALL BE USED IF MOUNTED ON THE BARRICADE. THE TOP OF THE SIGN SHALL BE MOUNTED BELOW THE TOP OF THE BARRICADE TO ALLOW A CONTINUOUS HAND-TRAILING EDGE.

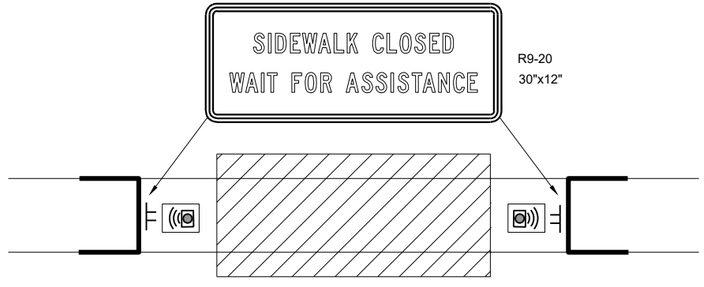


TEMPORARY PEDESTRIAN BARRICADE *





TEMPORARY PEDESTRIAN ACCESS



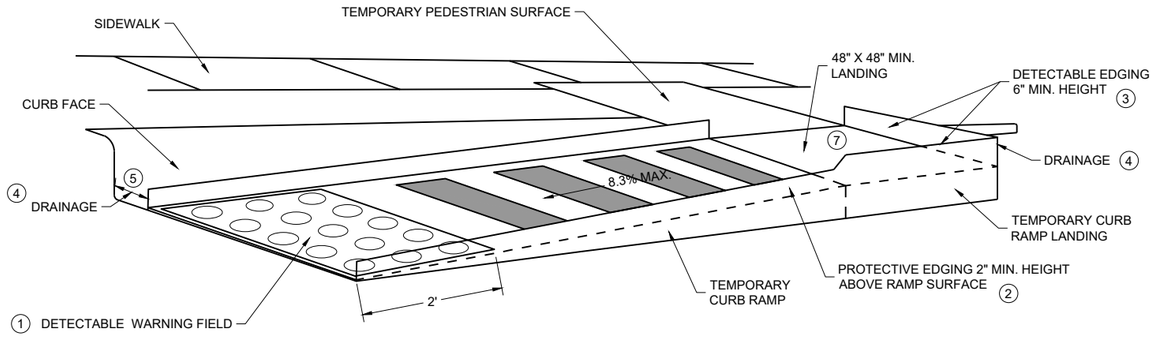
TEMPORARY PEDESTRIAN FLAGGING

LEGEND

- TEMPORARY PEDESTRIAN BARRICADE
- AUDIBLE MESSAGE DEVICE
- TEMPORARY SIGN SUPPORT
- WORK AREA

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



PERSPECTIVE VIEW

GENERAL NOTES

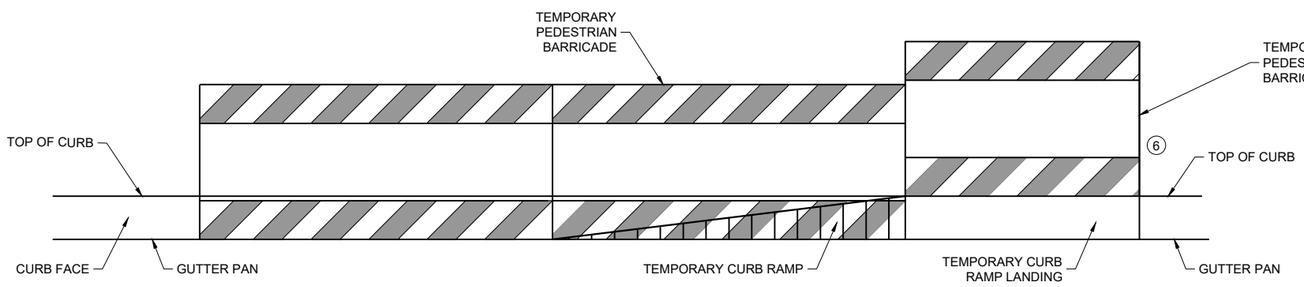
CURB RAMPS SHALL BE 48" MIN. WIDTH WITH A FIRM, STABLE AND SLIP RESISTANT SURFACE.

CURB RAMPS AND LANDINGS SHALL HAVE A 1:48 (2.1%) MAX. CROSS-SLOPE.

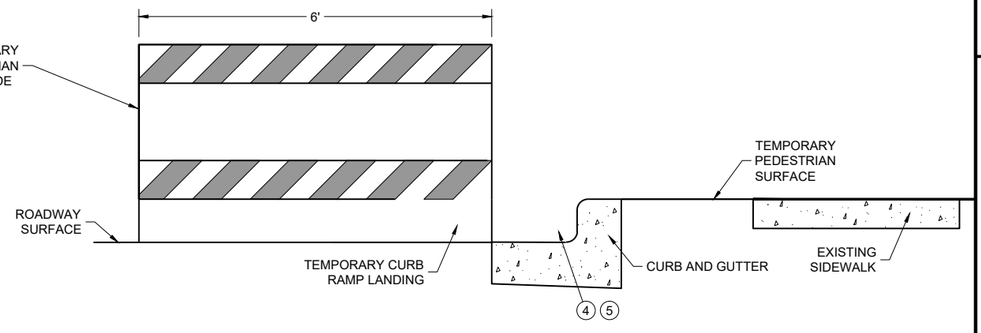
CLEAR SPACE OF 48" X 48" SHALL BE PROVIDED ABOVE AND BELOW THE CURB RAMP. LATERAL JOINTS OR GAPS BETWEEN SURFACES SHALL BE LESS THAN ½" WIDTH.

CHANGES BETWEEN SURFACE HEIGHTS SHALL NOT EXCEED ½". LATERAL EDGES MAY BE VERTICAL UP TO ¼" HIGH AND SHALL BE BEVELED AT 1:2 BETWEEN ¼" AND ½".

1. INSTALL CONTRASTING TEMPORARY DETECTABLE WARNING FIELD AT PEDESTRIAN STREET CROSSINGS, AS SHOWN IN THE PLANS.
2. PROTECTIVE EDGING WITH A 2" MIN. HEIGHT SHALL BE INSTALLED WHEN A CURB RAMP OR LANDING PLATFORM HAS A VERTICAL DROP OF 6" OR GREATER OR HAS A SIDE APRON SLOPE STEEPER THAN 1:3 (33%). PROTECTIVE EDGING SHOULD BE CONSIDERED WHEN CURB RAMPS OR LANDING PLATFORMS HAVE A VERTICAL DROP OF 3" OR MORE.
3. DETECTABLE EDGING WITH 6" MIN. HEIGHT AND CONTRASTING COLOR SHALL BE INSTALLED ON ALL CURB RAMP LANDINGS WHERE THE WALKWAY CHANGES DIRECTION (TURNS).
4. DO NOT RESTRICT WATER FLOW IN THE GUTTER SYSTEM.
5. ENSURE CURB RAMP IS OUT OF THE GUTTER PAN.
6. IF ONLY PART OF THE END PANEL OF TEMPORARY PEDESTRIAN BARRICADE PANEL IS NEEDED, EXTEND EXCESS PORTION OF TEMPORARY PEDESTRIAN BARRICADE PANEL HERE.
7. LANDING TO BE SLOPED A MAXIMUM OF 2.1% IN ALL DIRECTIONS OF PEDESTRIAN TRAVEL.



FRONT VIEW



SIDE VIEW

TEMPORARY CURB RAMP PARALLEL TO CURB

6

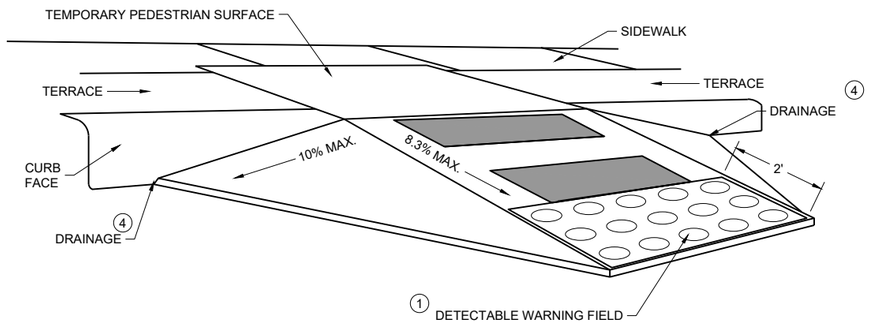
SDD 15D30-12b

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

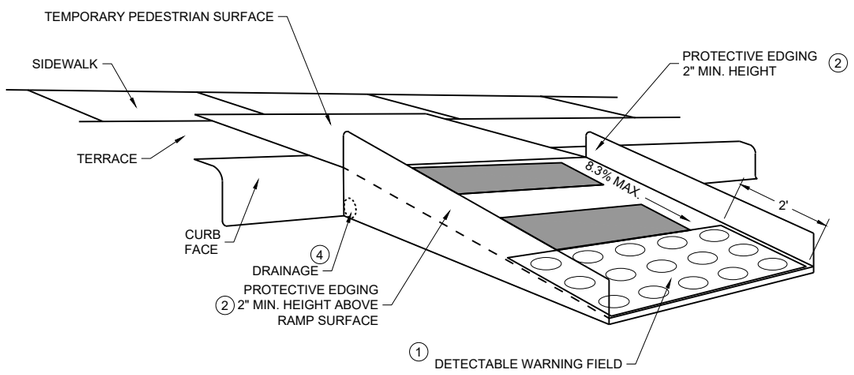
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 15D30-12b



WITH SIDE APRON (5)



WITH PROTECTIVE EDGE

TEMPORARY CURB RAMP PERPENDICULAR TO CURB

GENERAL NOTES

CURB RAMPS SHALL BE 48" MINIMUM WIDTH WITH A FIRM, STABLE AND SLIP RESISTANT SURFACE.

ALTERNATE SIDEWALK WORK BETWEEN LEFT AND RIGHT SIDE OF ROADWAY TO MAINTAIN PEDESTRIAN ACCESS.

CURB RAMPS AND LANDINGS SHALL HAVE A 1:48 (2.1%) MAX. CROSS-SLOPE.

CLEAR SPACE OF 48" X 48" SHALL BE PROVIDED ABOVE AND BELOW THE CURB RAMP.

LATERAL JOINTS OR GAPS BETWEEN SURFACES SHALL BE LESS THAN ½" WIDTH.

CHANGES BETWEEN SURFACE HEIGHTS SHALL NOT EXCEED ½". LATERAL EDGES MAY BE VERTICAL UP TO ¼" HIGH AND SHALL BE BEVELED AT 1:2 BETWEEN ¼" AND ½".

(1) INSTALL CONTRASTING TEMPORARY DETECTABLE WARNING FIELD AT PEDESTRIAN STREET CROSSINGS, AS SHOWN IN THE PLANS

(2) PROTECTIVE EDGING WITH A 2" MIN. HEIGHT SHALL BE INSTALLED WHEN A CURB RAMP OR LANDING PLATFORM HAS A VERTICAL DROP OF 6" OR GREATER OR HAS A SIDE APRON SLOPE STEEPER THAN 1:3 (33%). PROTECTIVE EDGING SHOULD BE CONSIDERED WHEN CURB RAMPS OR LANDING PLATFORMS HAVE A VERTICAL DROP OF 3" OR MORE.

(3) DETECTABLE EDGING WITH 6" MIN. HEIGHT AND CONTRASTING COLOR SHALL BE INSTALLED ON ALL CURB RAMP LANDINGS WHERE THE WALKWAY CHANGES DIRECTION (TURNS).

(4) DO NOT RESTRICT WATER FLOW IN THE GUTTER SYSTEM.

(5) CAN ONLY BE USED FOR RAMPS WITH 6" OR LESS OF VERTICAL CHANGE.

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.

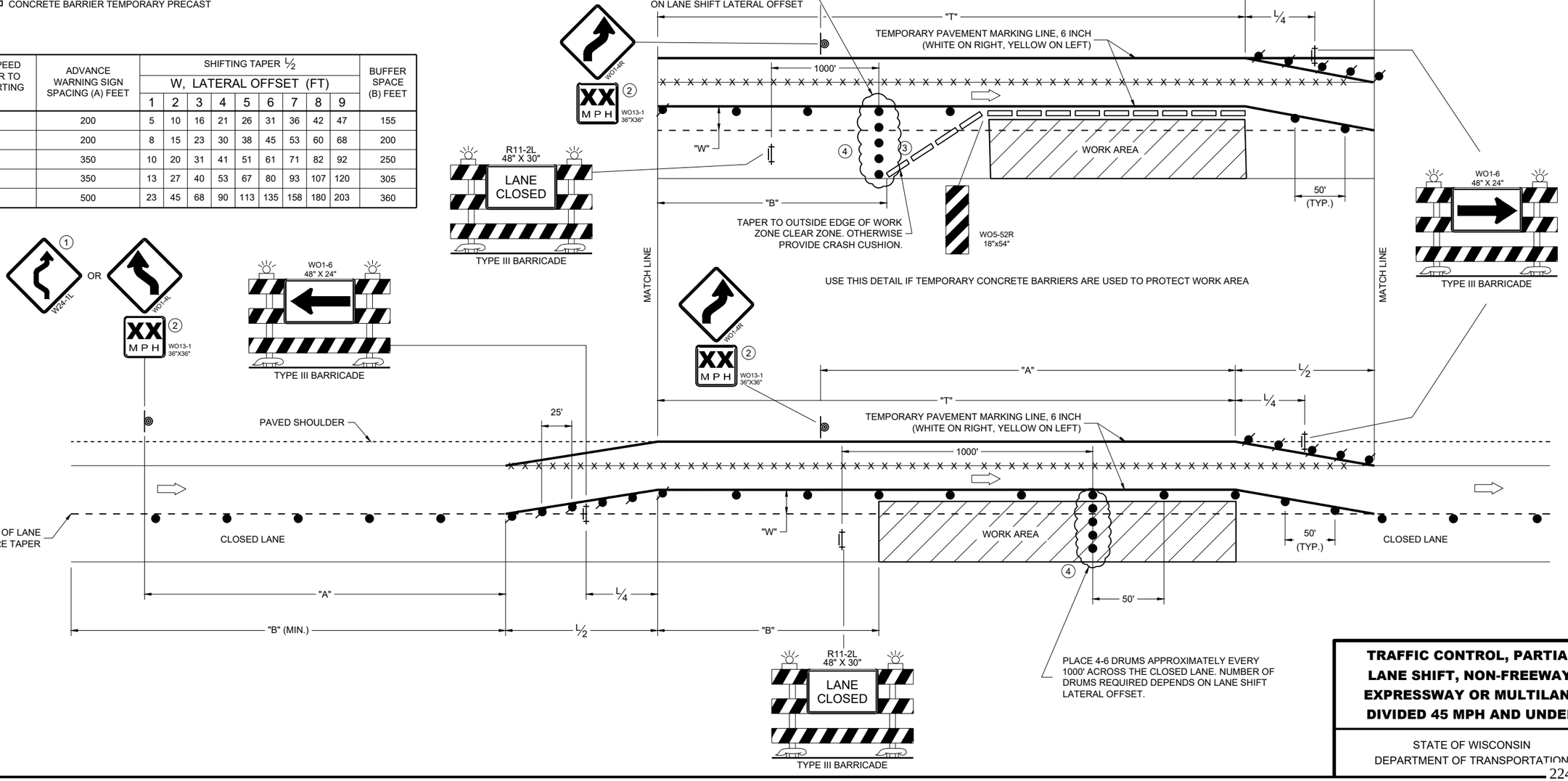
(1) USE ONLY WHEN T<600', OMIT WO1-4R.

(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

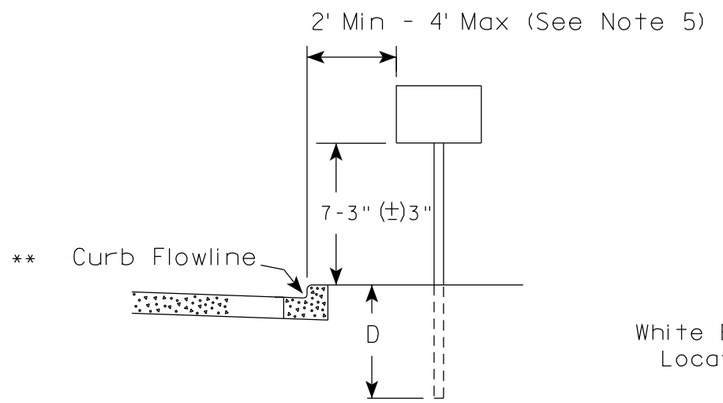


TRAFFIC CONTROL, PARTIAL LANE SHIFT, NON-FREEWAY/ EXPRESSWAY OR MULTILANE DIVIDED 45 MPH AND UNDER

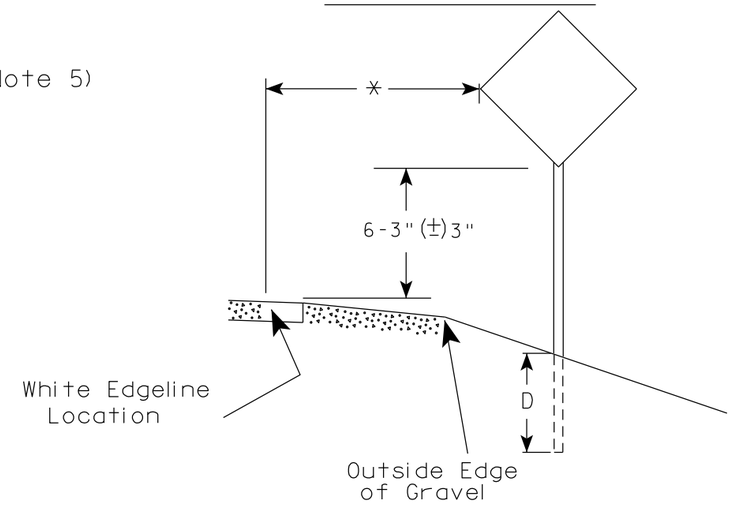
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

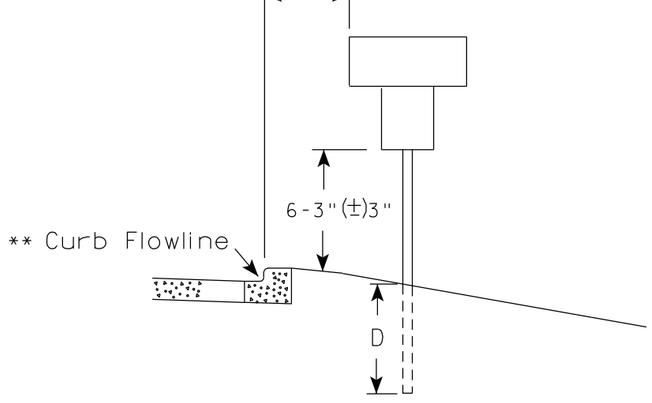
6
SDD 15D40-08c

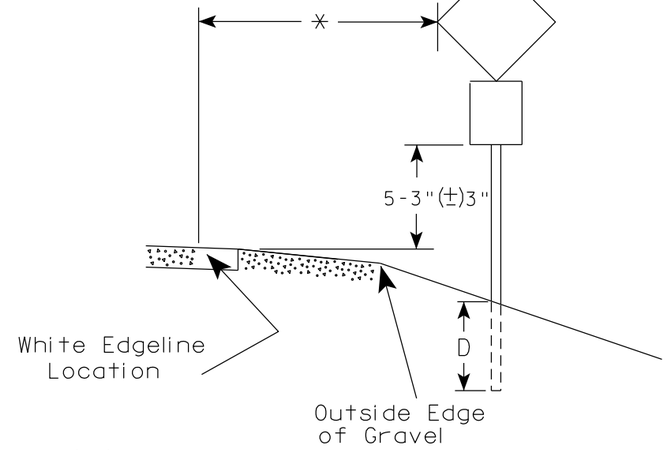
URBAN AREA



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'

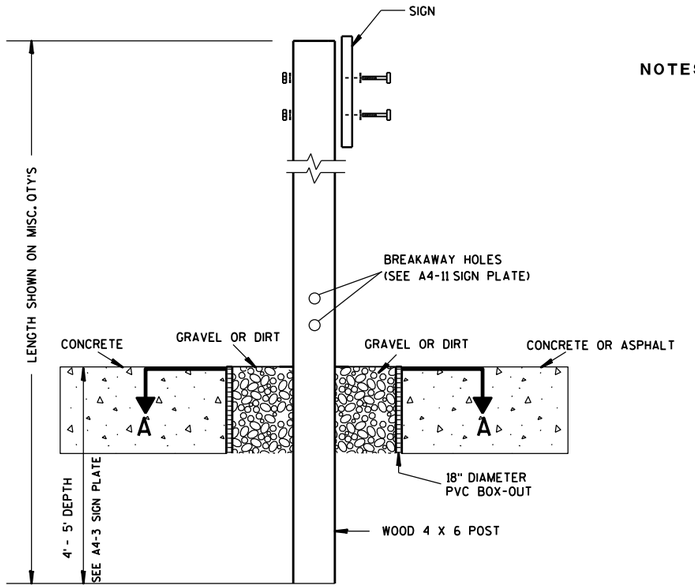
TYPICAL INSTALLATION OF PERMANENT TYPE II SIGNS ON SINGLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/6/23 PLATE NO. A4-3.23

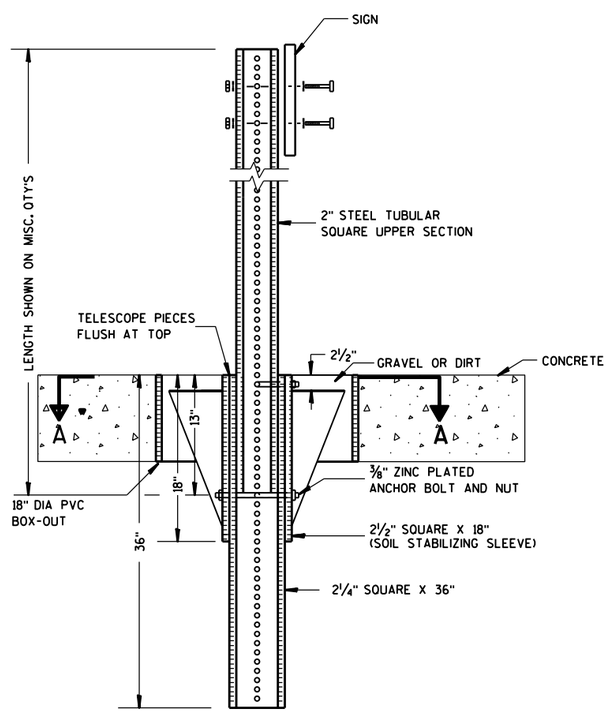
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 225	E



ELEVATION VIEW

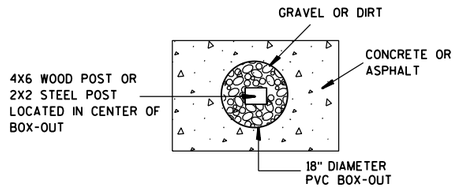
DETAIL OF WOOD 4 X 6 SIGN POST IN BOX-OUT

NOTES:
1. ALL MATERIAL TO BE APPROVED BY ENGINEER PRIOR TO INSTALLATION
2. SEE SIGN PLATE A4-8 FOR SIGN HARDWARE REQUIREMENTS
3. 18 INCH X 18 INCH SQUARE BOX-OUTS MAY BE USED FOR INSTALLATIONS IN EXISTING CONCRETE OR ASPHALT LOCATIONS.



ELEVATION VIEW

DETAIL OF STEEL 2 X 2 SIGN POST IN BOX-OUT



PLAN VIEW

FOR NEW CONCRETE/ASPHALT INSTALLATIONS

SIGN POST BOX-OUTS A4-3B

WISCONSIN DEPT OF TRANSPORTATION

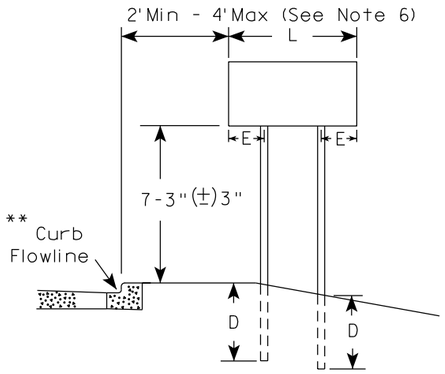
APPROVED Matthew R Rauch
for State Traffic Engineer

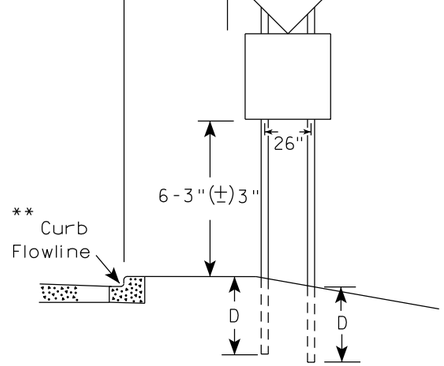
DATE 1/27/14 PLATE NO. A4-3B.1

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A43B.DGN PLOT DATE : 27-JAN-2014 09:48 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 13.659812:1.000000 WISDOT/CADDS SHEET 42

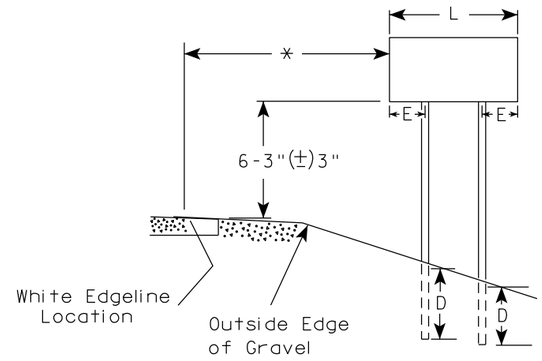
URBAN AREA

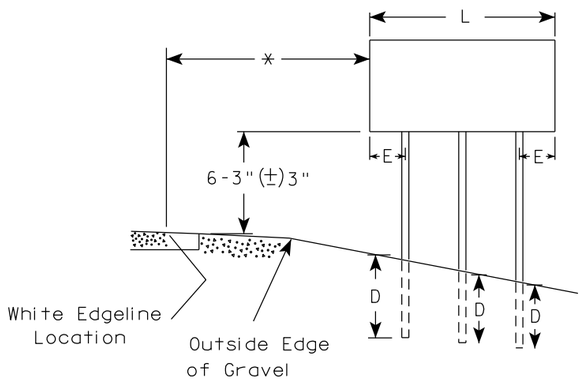


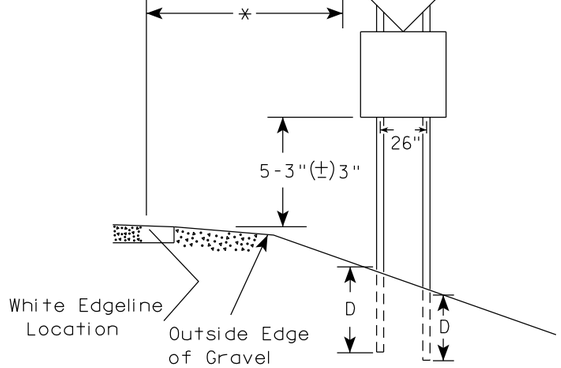


48" DIAMOND WARNING SIGN

RURAL AREA (See Note 3)







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'

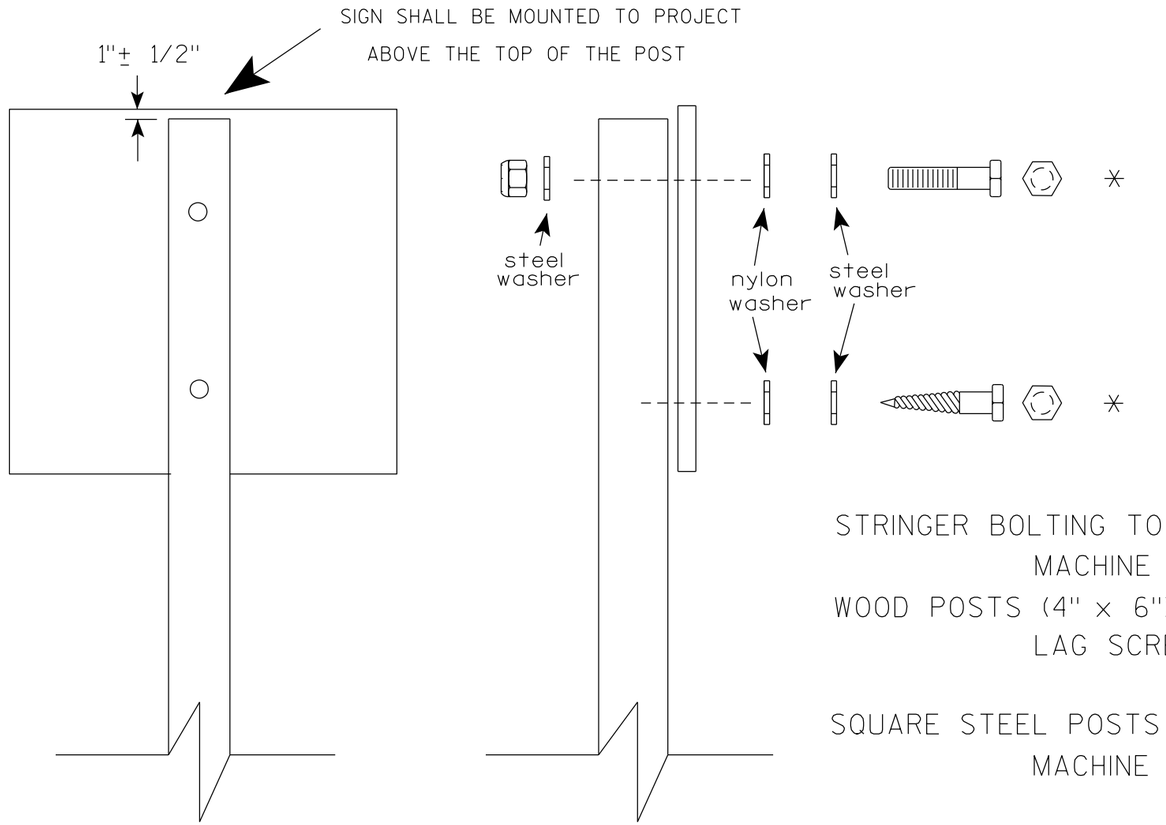
TYPICAL INSTALLATION OF TYPE II SIGNS ON MULTIPLE POSTS

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: 227	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

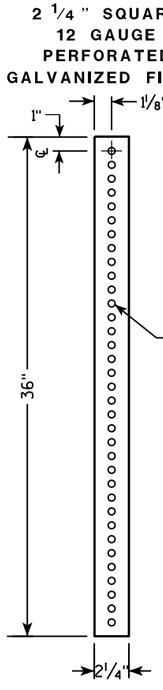
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

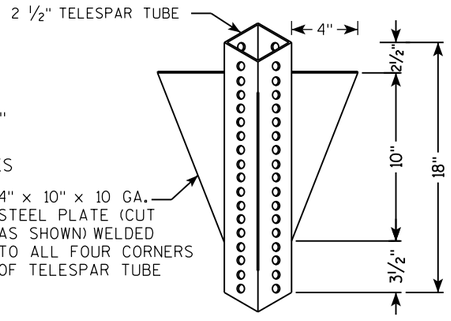
DATE 4/1/2020 PLATE NO. A4-8.9

TELESCOPIC TUBING ANCHORS
TWO PIECE SYSTEM

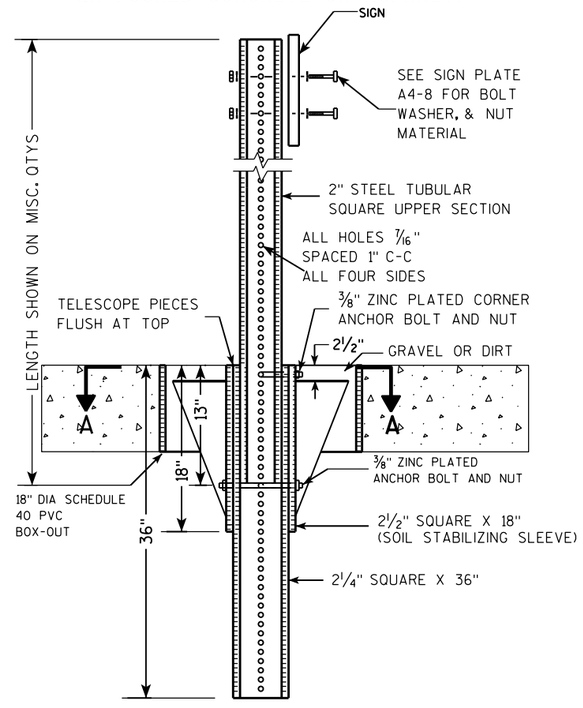
2 ¼ " SQUARE
12 GAUGE
PERFORATED
GALVANIZED FINISH



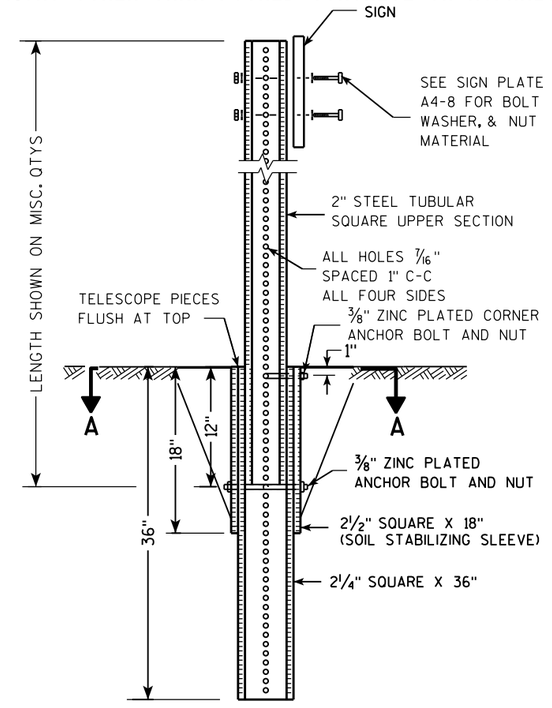
2 ½ " SQUARE
12 GAUGE
OMNI-DIRECTIONAL
PERFORATED
SOIL STABILIZING SLEEVE
GALVANIZED FINISH

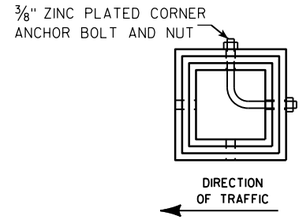


DETAIL OF TUBULAR STEEL SIGN POST
(IN POURED CONCRETE OR ASPHALT)



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).

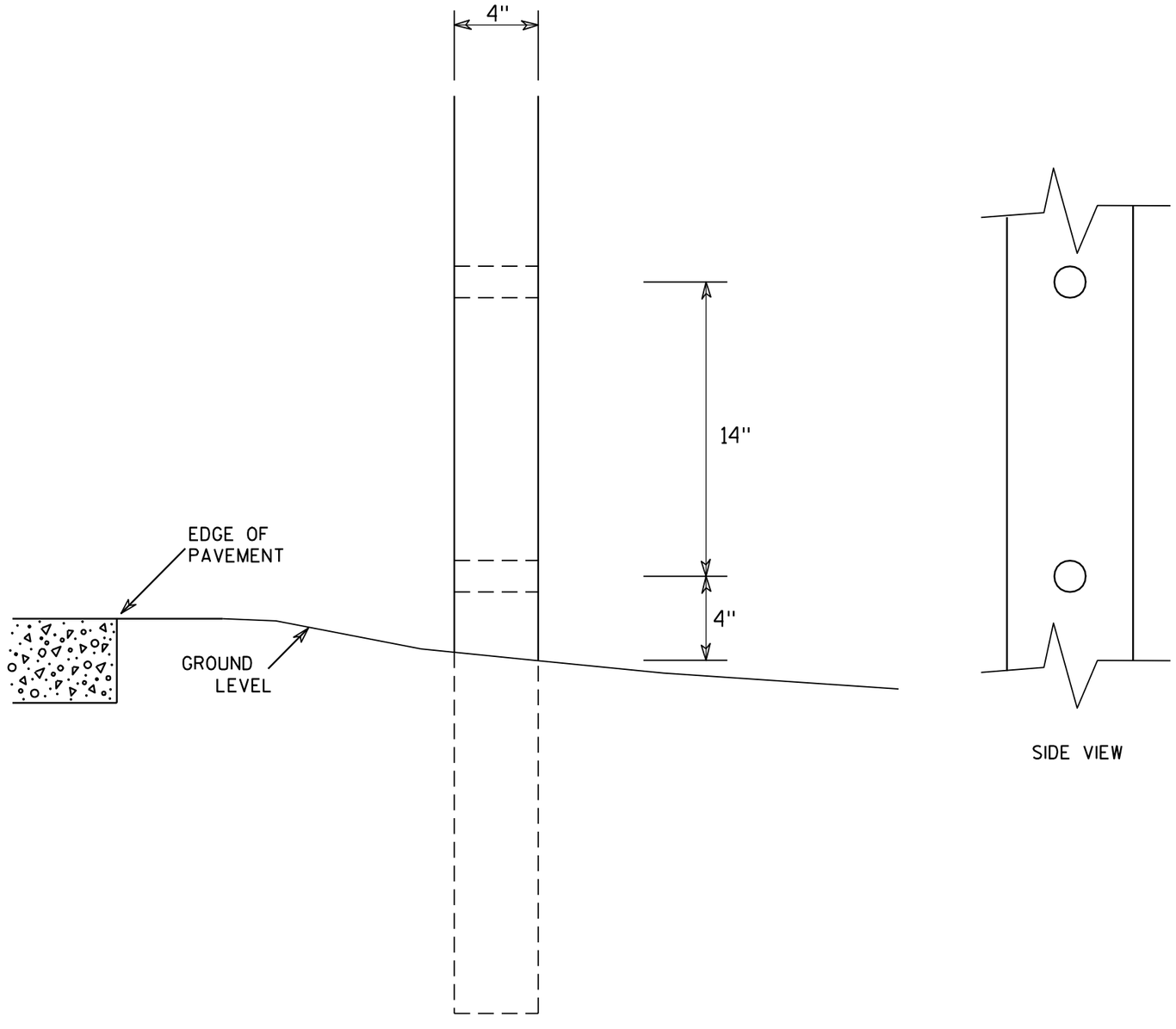
TUBULAR STEEL
SIGN POST
A4-9

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/05/15 PLATE 229 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.

4 X 6 WOOD POST MODIFICATIONS

WISCONSIN DEPT OF TRANSPORTATION

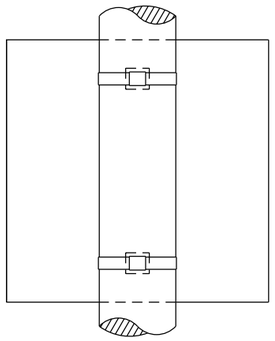
APPROVED Chester J Spang for State Traffic Engineer

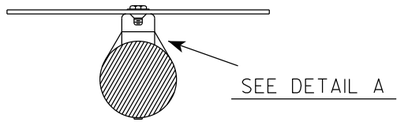
DATE 3/27/97 PLATE NO. A4-11.2

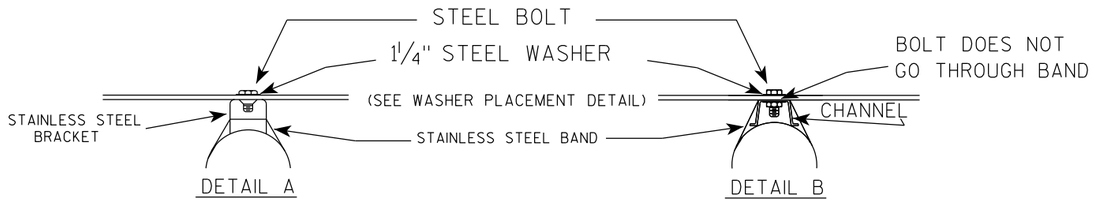
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 230	E

BANDING

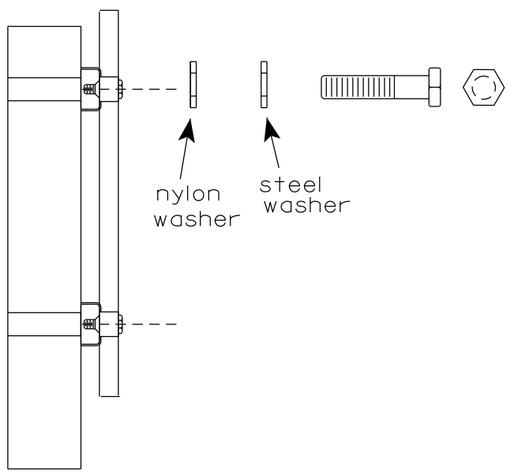
SINGLE SIGN







WASHER PLACEMENT

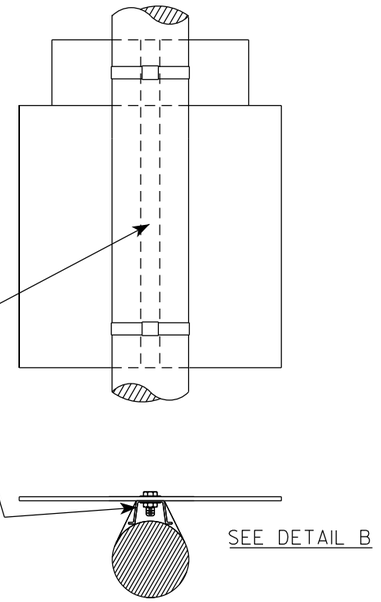


WASHERS (ALL POSTS) -
1-1/4" O.D. X 3/8" I.D. X 1/16" STEEL
1-1/4" O.D. X 3/8" I.D. X .080 NYLON
FOR ALL TYPE H SIGNS

GENERAL NOTES

1. Any sign over 3 feet in width shall use the V-Block banding method. See A5-10 standard plate.
2. Signs 3 feet or greater in height shall have three bracket bands installed. Signs less than 3 feet in height shall have two bracket bands installed.
3. Banding and assembly bracket shall be stainless steel. All bands shall be ¾" in width and 0.025" thickness.
4. ALL SIGN MOUNTING BOLTS AND WASHERS SHALL BE EITHER:
   a. Hot dip or mechanically galvanized in accordance with ASTM Designation: A 153, Class D
   b. Electro-galvanized in accordance with ASTM designation: B 633, Type III, SC 3

"J" ASSEMBLY



STANDARD SIGN
SIGN BANDING DETAILS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

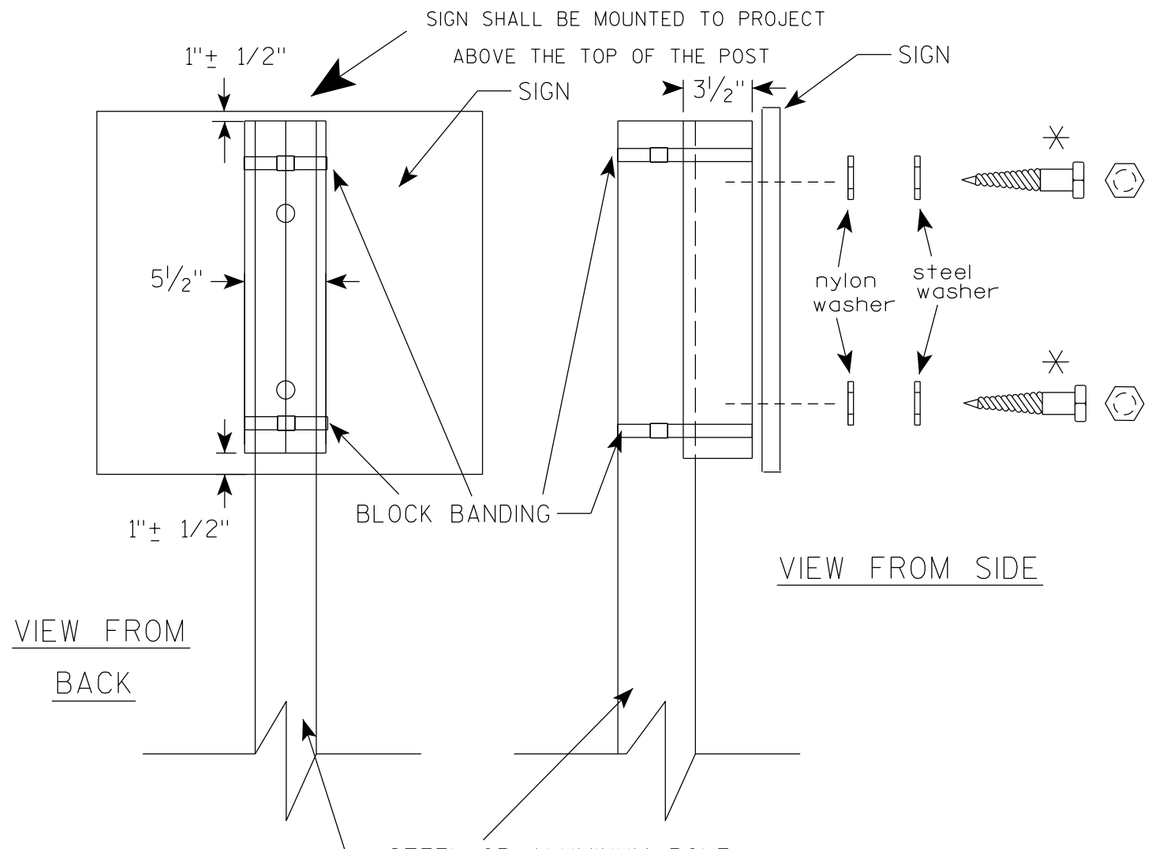
DATE 6/10/19 PLATE NO. A5-9.4

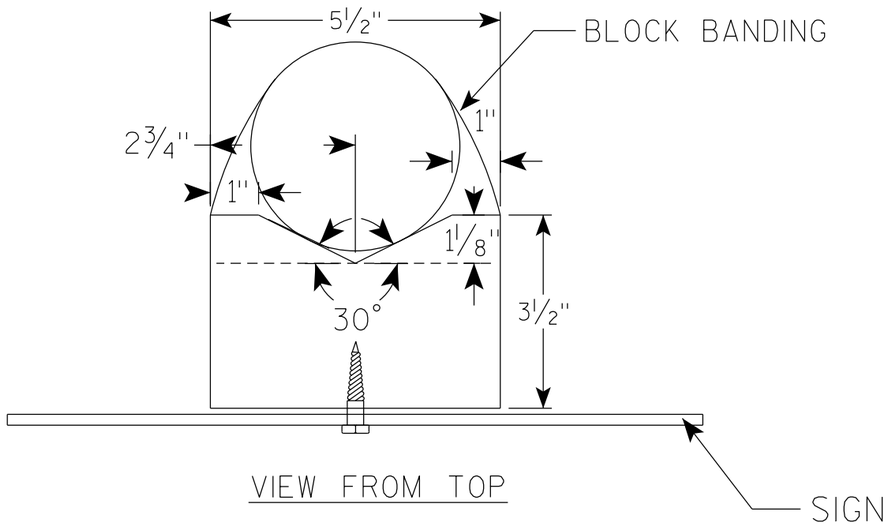
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 231	E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\A59.dgn PLOT DATE : 10-JUN 2019 4:10 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42

7

7





GENERAL NOTES

1. WOOD 4"X6" POST MATERIAL SHALL CONFORM TO 507.2.2 OF THE WisDOT STANDARD SPECIFICATIONS
2. BLOCK BANDING AND CLIPS SHALL BE STAINLESS STEEL, ¾" WIDTH AND 0.025" THICKNESS
3. SIGNS 3' OR GREATER IN HEIGHT SHALL UTILIZE 3 BLOCK BANDS. SIGNS UNDER 3' IN HEIGHT SHALL UTILIZE 2 BLOCK BANDS
4. ACTUAL NUMBER OF FASTENERS PER SIGN VARIES WITH THE SIGN AREA, BUT NORNALLY THERE ARE TWO. FOR SIGNS GREATER THAN 9 S.F. 3 FASTENERS SHALL BE USED.
5. ALL SIGN MOUNTING BOLTS AND WASHERS SHALL BE EITHER:
   a. Hot dip or mechanically galvanized in accordance with ASTM Designation: A 153, Class D
   b. Electro-galvanized in accordance with ASTM Designation : B 633, TYPE III, SC 3
6. ALL BOLTS SHALL HAVE HEXAGONAL HEADS.
7. STEEL WASHERS SHALL BE 1¼" O.D. X ⅜" I.D. X 1/16"
8. NYLON WASHERS SHALL BE 1¼" O.D. X ⅜" I.D. X .080 FOR TYPE H OR TYPE F FACE SIGN

✳ LAG BOLTS SHALL BE ⅜" X 2½"

BLOCK BANDING DETAIL (V-BLOCK OPTION)

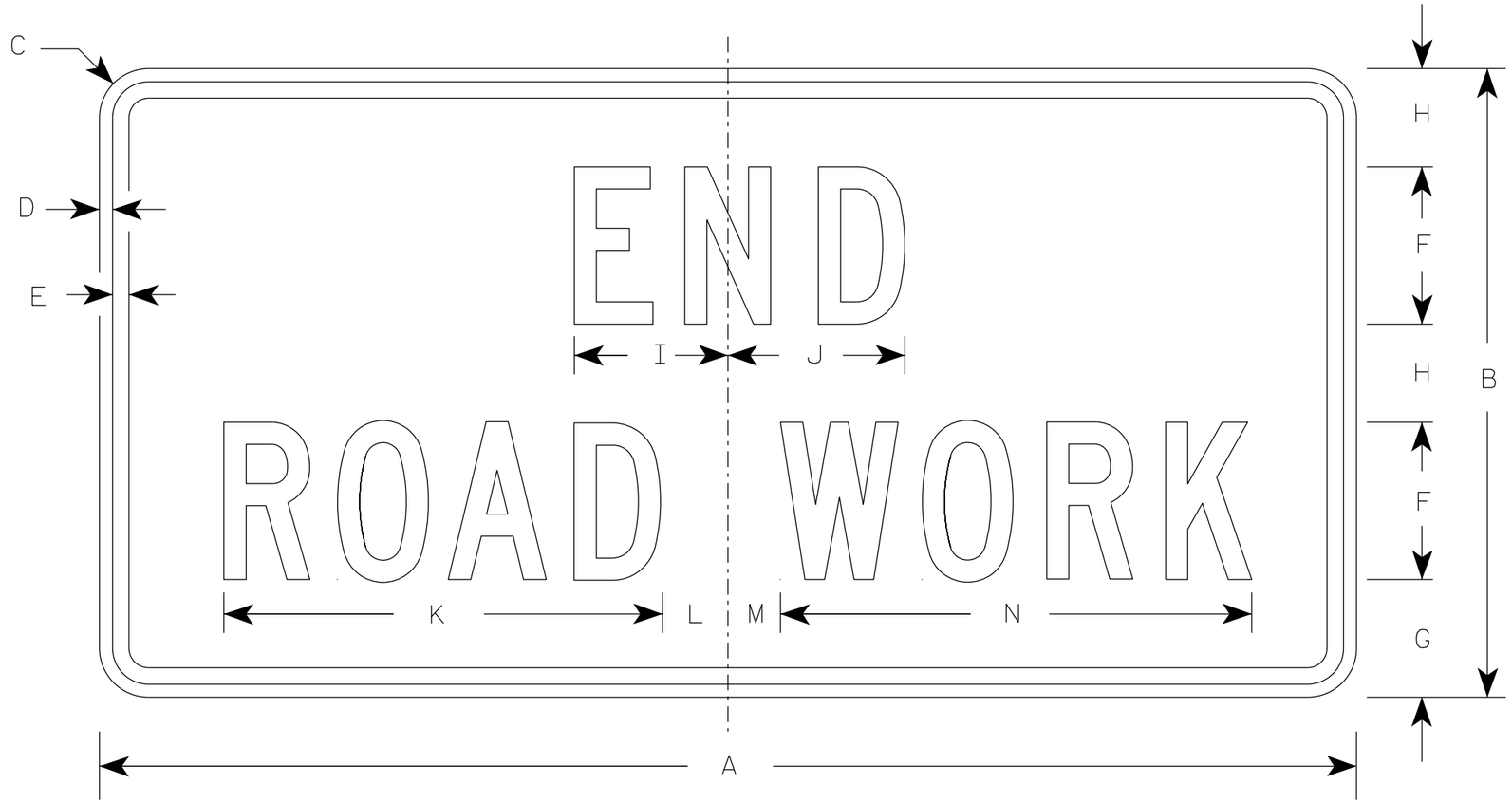
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 4/19/2022 PLATE NO. A5-10.3

PROJECT NO:

SHEET NO: 232 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

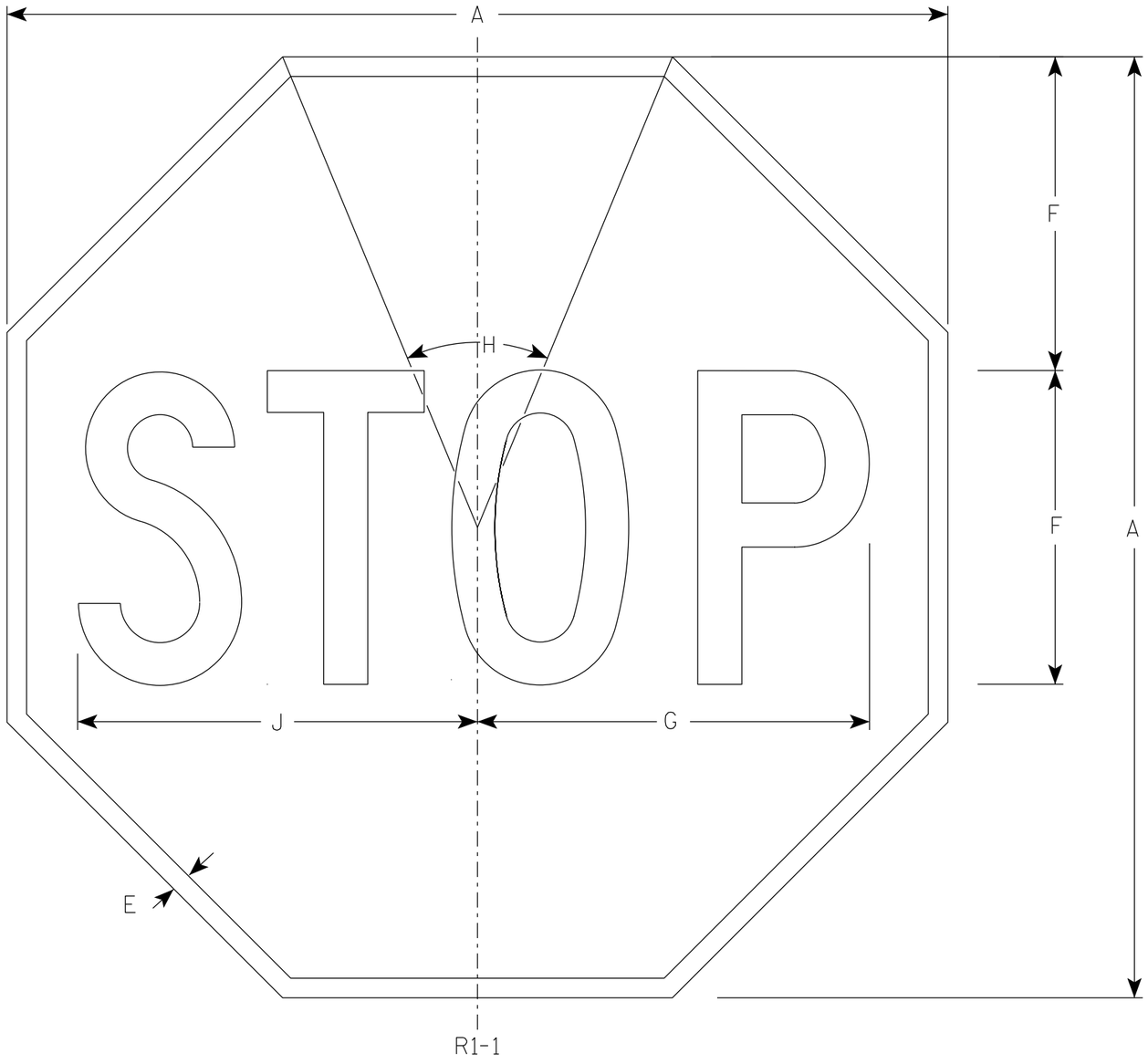
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/26/2023 PLATE NO. G20-2A.10

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 233 E

7



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

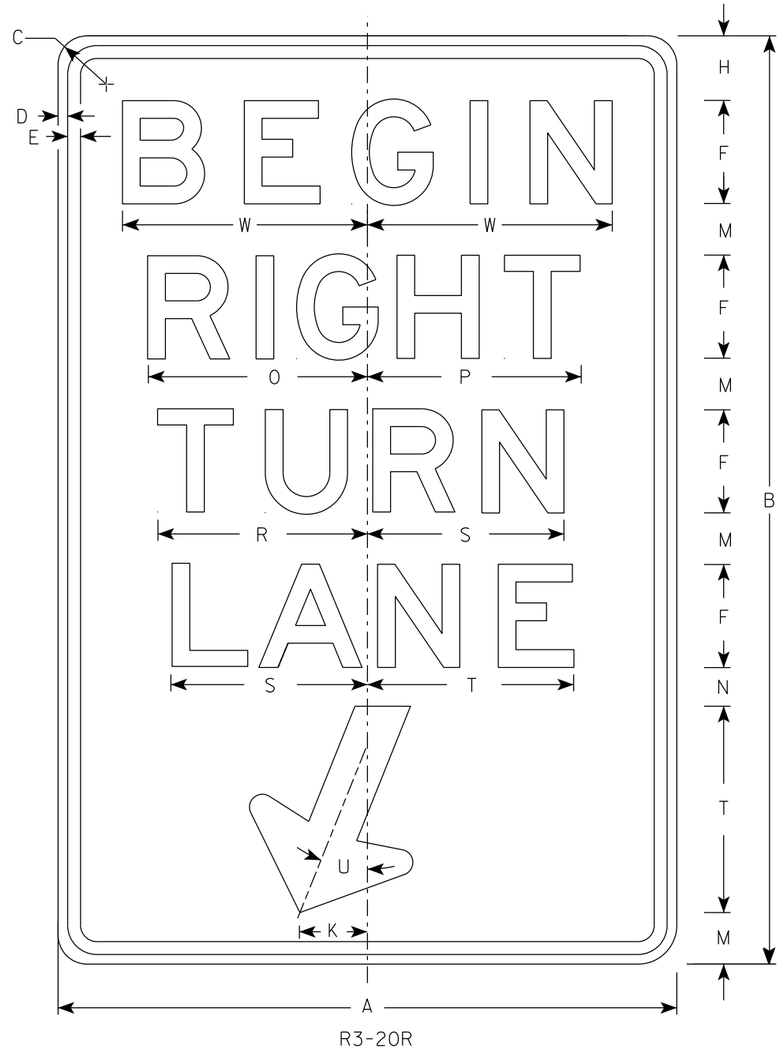
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 7/9/2025 PLATE NO. R1-1.14

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 234 E

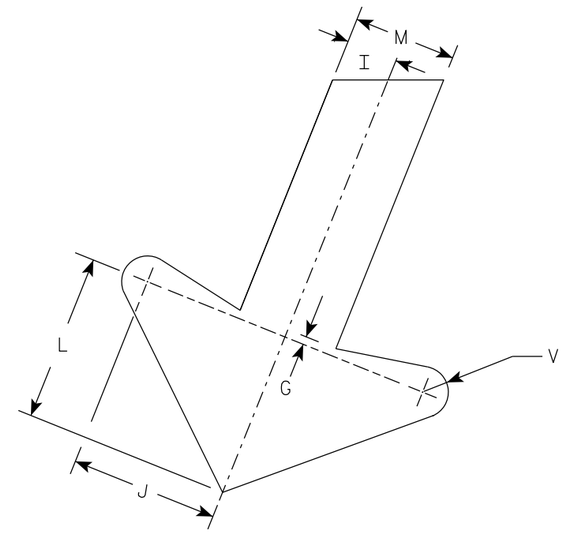
7



R3-20R

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - E



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	36	1 1/2	3/8	1/2	4	1/4	2 1/2	1	2 7/8	2 5/8	3 1/4	2	1 1/2	8 1/2	8 1/4		8 1/8	7 5/8	8	22°	1/2	9 1/2				6.0
2M	24	36	1 1/2	3/8	1/2	4	1/4	2 1/2	1	2 7/8	2 5/8	3 1/4	2	1 1/2	8 1/2	8 1/4		8 1/8	7 5/8	8	22°	1/2	9 1/2				6.0
3	36	54	1 7/8	1/2	5/8	6	3/8	3 3/4	1 1/2	4 1/4	4	4 7/8	3	2 1/4	12 3/4	12 1/2		12 1/4	11 1/2	12	22°	3/4	13 1/4				13.5
4																											
5																											

STANDARD SIGN
R3-20R

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 2/23/23 PLATE NO. R3-20R.7

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 235 | E



R4-11

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - C

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30		1 7/8	1/2	5/8	4	3 1/8	10	2 1/2	3 7/8	8 5/8	8 3/4	8 1/2	1 1/4	1 3/4	7 7/8		10 3/8	2	1	11 1/4						6.25
2M	30		1 7/8	1/2	5/8	4	3 1/8	10	2 1/2	3 7/8	8 5/8	8 3/4	8 1/2	1 1/4	1 3/4	7 7/8		10 3/8	2	1	11 1/4						6.25
3																											
4																											
5																											

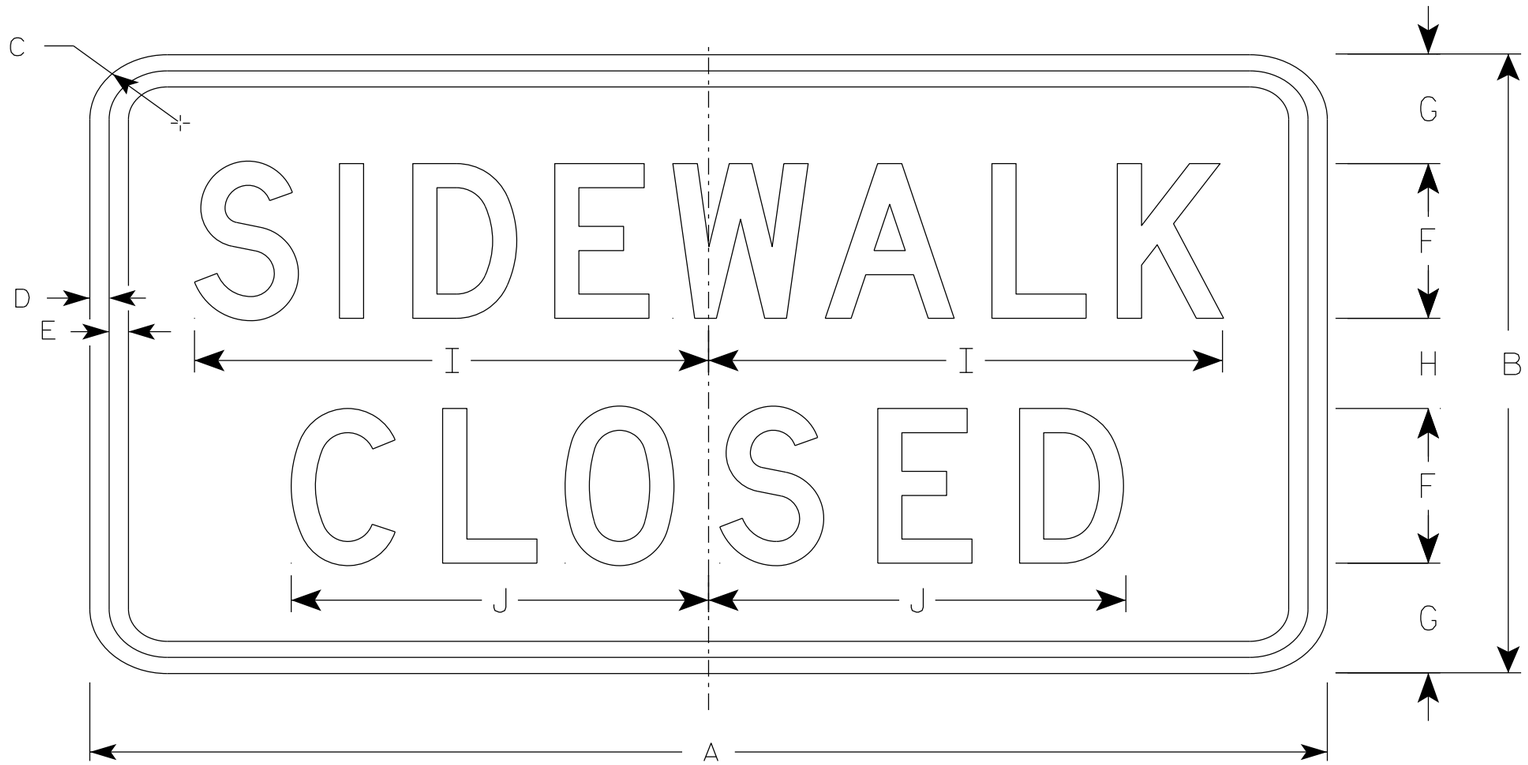
STANDARD SIGN
R4-11

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 8/17/23 PLATE NO. R4-11.2

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 236 | 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																											

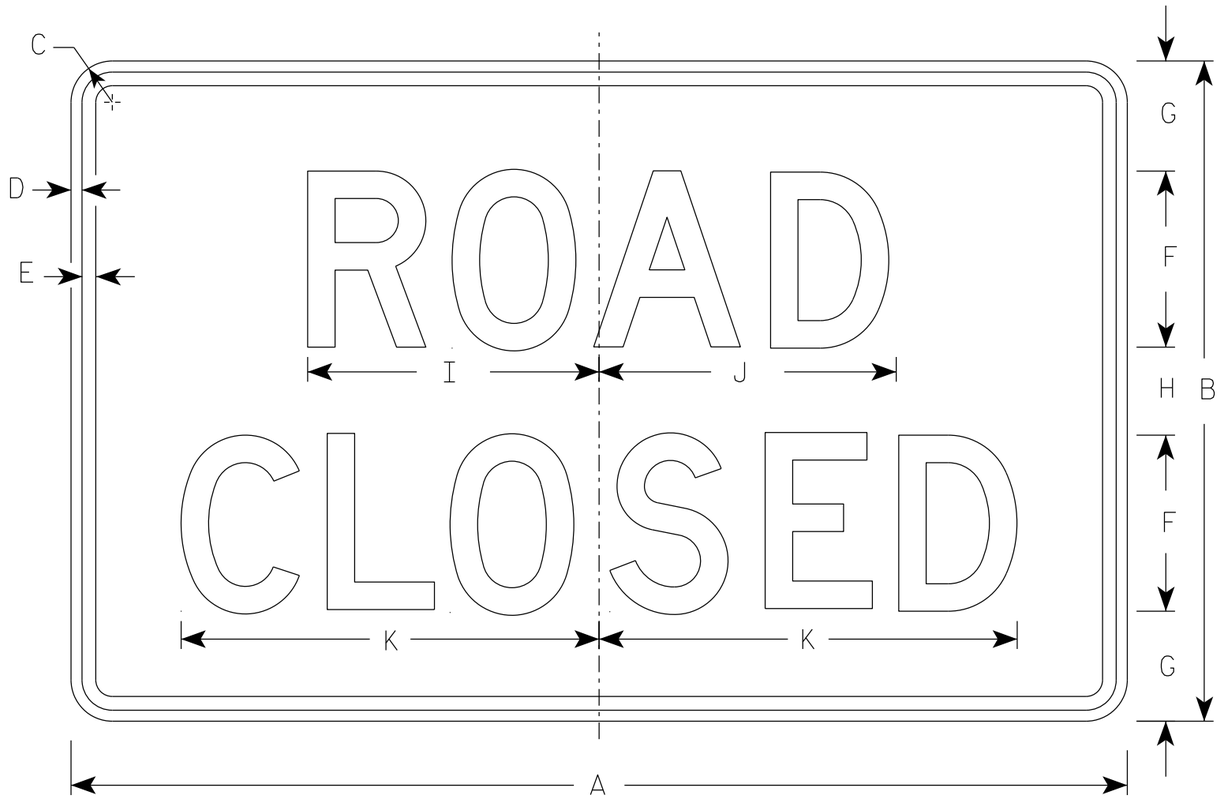
STANDARD SIGN
R9-9

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/24/24 PLATE NO. R9-9.7

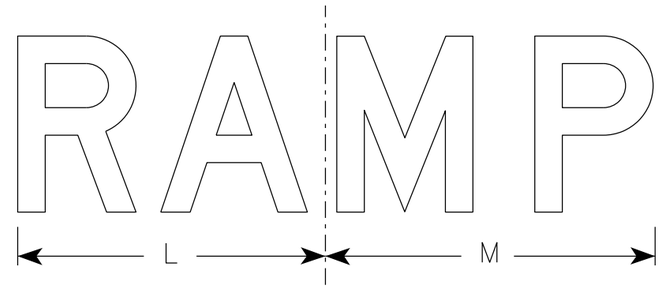
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 237 | E



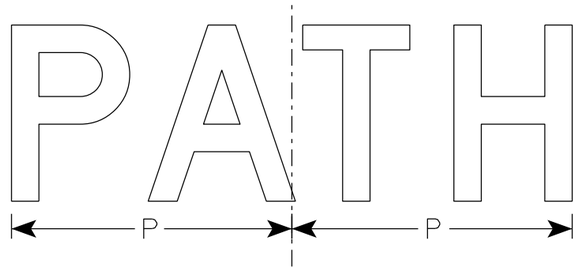
R11-2

NOTES

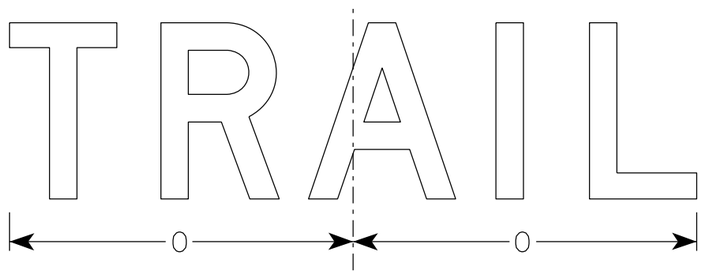
1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Modify the message as required.



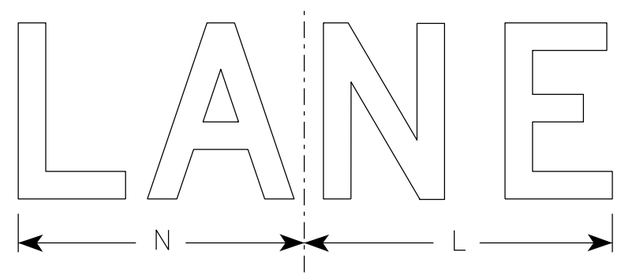
R11-2R



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

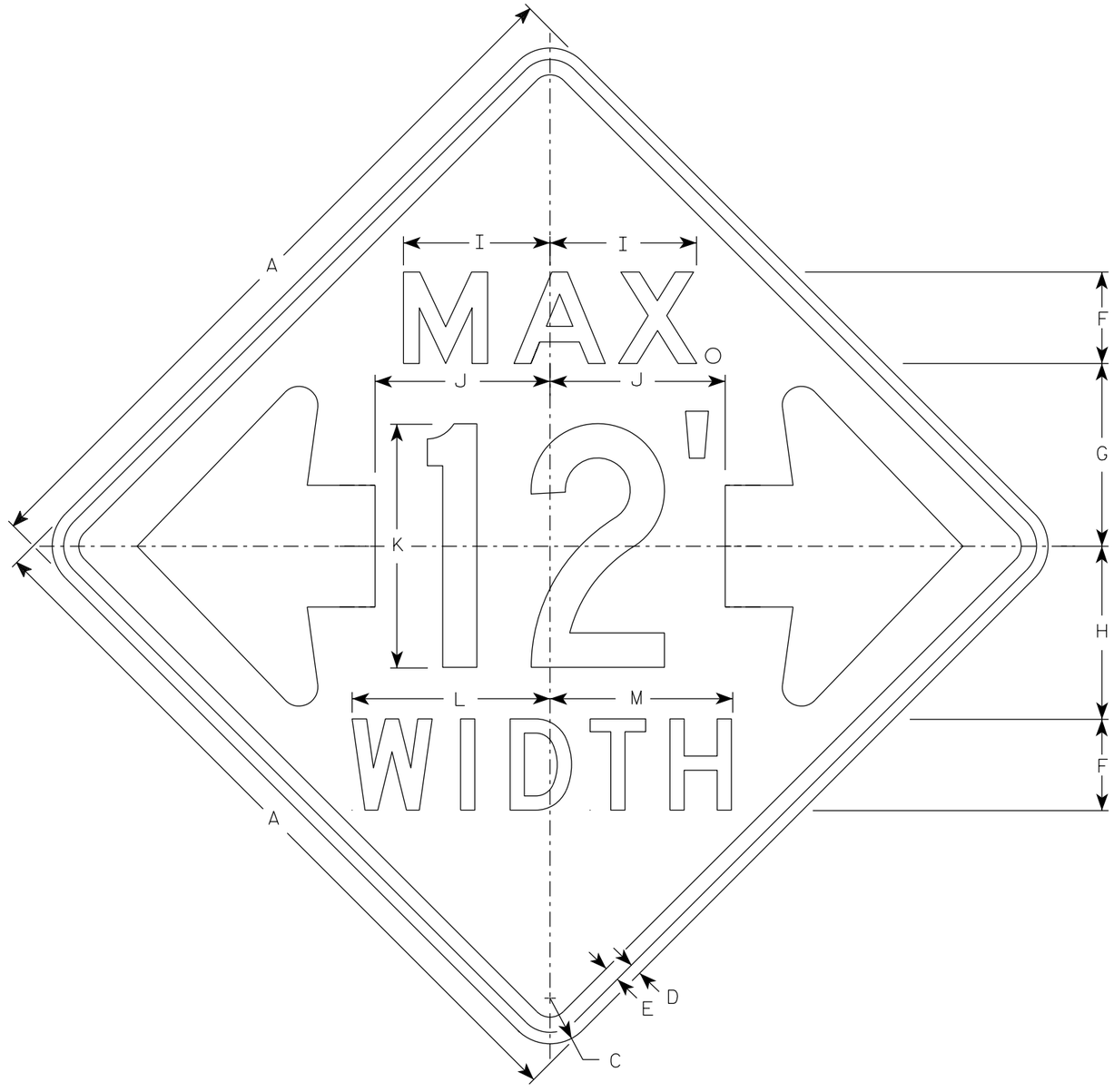
STANDARD SIGN
R11-2

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/3/26 PLATE NO. R11-2.13

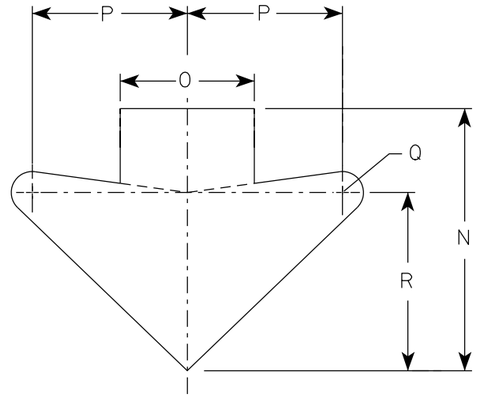
PROJECT NO: | HWY: | COUNTY: | SHEET NO: E



W12-52

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - See note 5
4. The top line is series E, the numerals are series C, and the bottom line is series D.
5. Substitute appropriate numerals and adjust spacing as required.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	48		3	¾	1	6	12	11 ⅜	9 ⅝	11 ½	16	13	12	15 ⅝	8	9 ¼	1 ¼	10 ⅝									16.0
2M	48		3	¾	1	6	12	11 ⅜	9 ⅝	11 ½	16	13	12	15 ⅝	8	9 ¼	1 ¼	10 ⅝									16.0
3																											
4																											
5																											

STANDARD SIGN
W12-52

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/10/2024 PLATE NO. W12-52.8

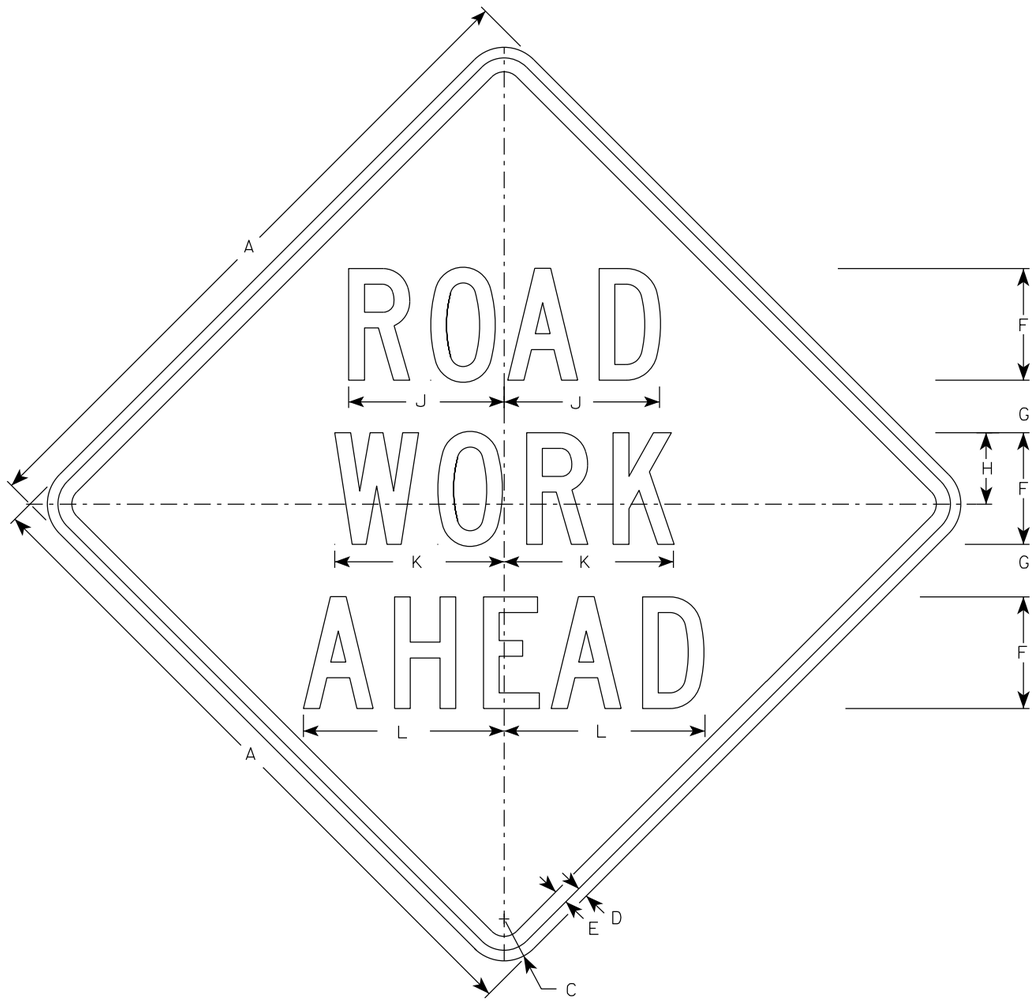
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 239 | E

7

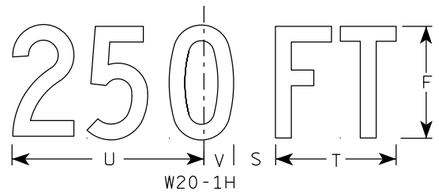
7

NOTES

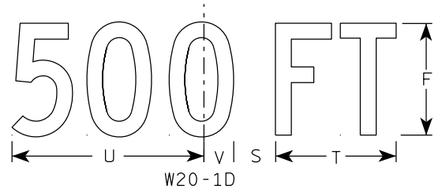
1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



W20-1A



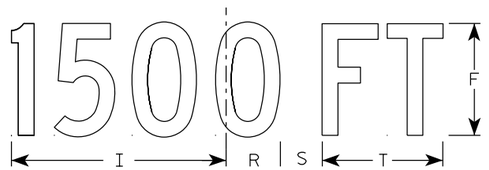
W20-1H



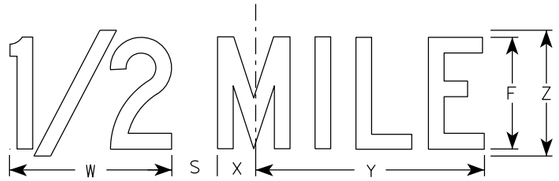
W20-1D



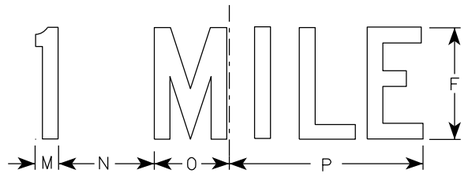
W20-1C



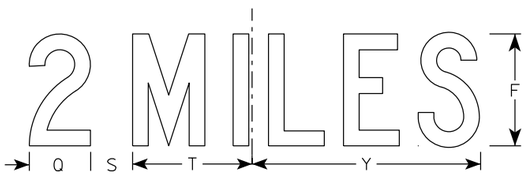
W20-1B



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

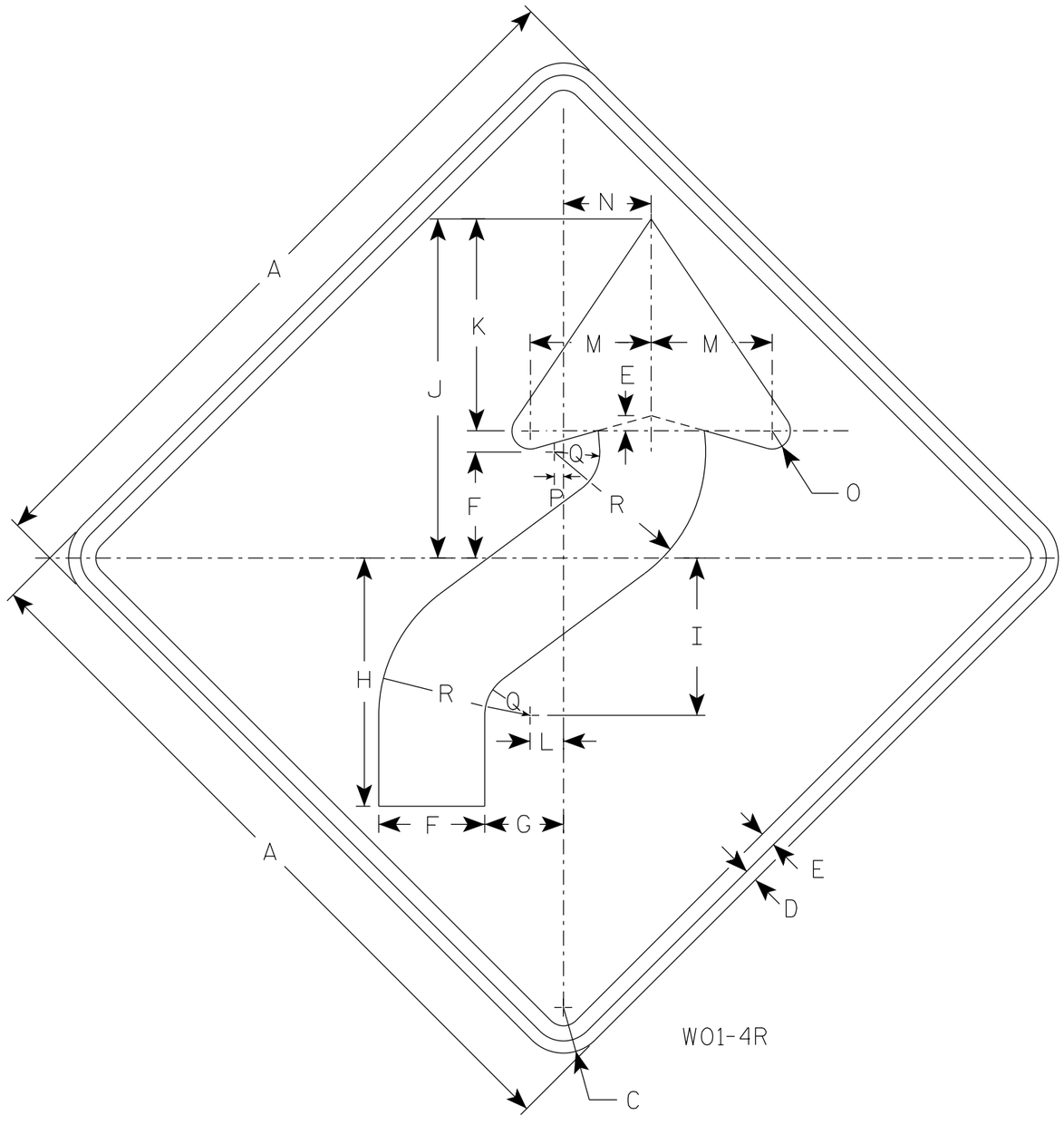
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/10/2024 PLATE NO. W20-1.12

PROJECT NO:

SHEET NO: 240 E



W01-4R

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. W01-4L is the same as W01-4R except the arrow is reversed along the vertical centerline.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		2 1/4	5/8	3/4	5 1/4	4	12 3/8	7 7/8	16 7/8	10 1/2	1 5/8	6	4 1/2	1	1/2	2 1/4	7 1/2									9.0
2S	48		3	3/4	1	7	5 1/4	16 1/2	10 1/2	22 1/2	14	2 1/4	8	6	1 1/4	5/8	3	10									16.0
2M	48		3	3/4	1	7	5 1/4	16 1/2	10 1/2	22 1/2	14	2 1/4	8	6	1 1/4	5/8	3	10									16.0
3	48		3	3/4	1	7	5 1/4	16 1/2	10 1/2	22 1/2	14	2 1/4	8	6	1 1/4	5/8	3	10									16.0
4	48		3	3/4	1	7	5 1/4	16 1/2	10 1/2	22 1/2	14	2 1/4	8	6	1 1/4	5/8	3	10									16.0
5	48		3	3/4	1	7	5 1/4	16 1/2	10 1/2	22 1/2	14	2 1/4	8	6	1 1/4	5/8	3	10									16.0

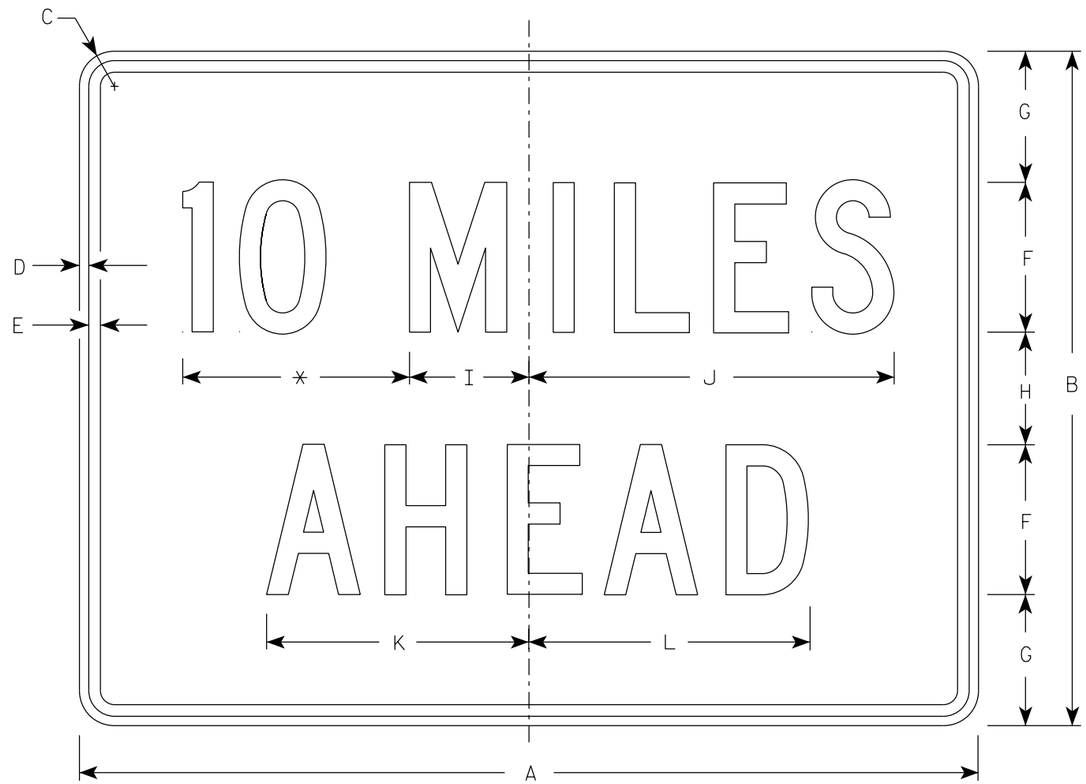
STANDARD SIGN
W01-4

WISCONSIN DEPT OF TRANSPORTATION

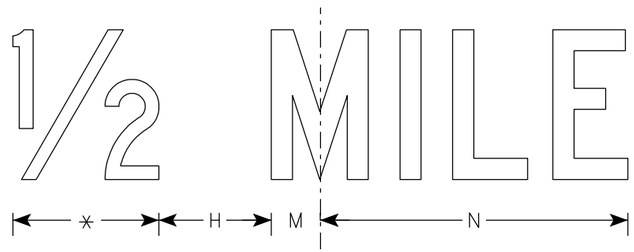
APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 1/24/2024 PLATE NO. W01-4.2

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 241 | E



W057-52



NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Substitute appropriate numerals to the nearest quarter mile and optically adjust spacing to achieve proper balance.

* See note 5

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36	24	1 1/2	3/8	1/2	6	4 1/2	3	4 3/4	14 5/8	10 5/8	11 3/8	2	12													6.0
2S	48	36	2 1/4	1/2	5/8	8	7	6	6 3/8	19 1/2	14	15	2 3/4	16 3/8													12.0
2M	48	36	2 1/4	1/2	5/8	8	7	6	6 3/8	19 1/2	14	15	2 3/4	16 3/8													12.0
3	48	36	2 1/4	1/2	5/8	8	7	6	6 3/8	19 1/2	14	15	2 3/4	16 3/8													12.0
4	48	36	2 1/4	1/2	5/8	8	7	6	6 3/8	19 1/2	14	15	2 3/4	16 3/8													12.0
5	48	36	2 1/4	1/2	5/8	8	7	6	6 3/8	19 1/2	14	15	2 3/4	16 3/8													12.0

STANDARD SIGN
W057-52

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/1/2024 PLATE NO. W057-52.3

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 242 | E

DIVISION 1 - STH 96 GUARDRAIL RT

STATION	REAL STATION	DISTANCE	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED		CUMULATIVE VOL (CY)		
			CUT	FILL	CUT NOTE 1	FILL NOTE 3	CUT 1.33 NOTE 1	EXPANDED FILL 1.15	MASS ORDINATE NOTE 8
706+95.62	70695.62	0.00	0.00	0.00	0	0	0	0	0
707+00.00	70700.00	4.38	0.00	0.10	0	0	0	0	0
707+48.63	70748.63	48.63	0.00	0.78	0	1	0	1	-1
707+50.00	70750.00	1.37	0.00	0.93	0	0	0	1	-1
708+00.00	70800.00	50.00	0.22	0.07	0	1	0	2	-2
708+07.17	70807.17	7.17	0.39	0.28	0	0	0	2	-2
708+32.15	70832.15	24.98	0.25	0.06	0	0	0	2	-2
708+50.00	70850.00	17.85	0.11	0.25	0	0	0	2	-2
708+57.13	70857.13	7.13	0.08	0.21	0	0	0	2	-2
709+00.00	70900.00	42.87	0.00	4.61	0	4	0	7	-7
709+50.00	70950.00	50.00	0.00	8.04	0	12	0	21	-21
710+00.00	71000.00	50.00	0.00	4.38	0	11	0	33	-33
710+50.00	71050.00	50.00	0.00	3.37	0	7	0	41	-41
711+00.00	71100.00	50.00	0.00	2.46	0	5	0	47	-47
711+06.87	71106.87	6.87	0.01	1.73	0	2	0	49	-49

DIVISION 1 - STH 96 GUARDRAIL RT

STATION	REAL STATION	DISTANCE	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED		CUMULATIVE VOL (CY)		
			CUT	FILL	CUT NOTE 1	FILL NOTE 3	CUT 1.33 NOTE 1	EXPANDED FILL 1.15	MASS ORDINATE NOTE 8
711+74.77	71174.77	0.00	0.06	1.40	0	0	0	0	0
712+00.00	71200.00	25.23	0.00	2.79	0	10	0	12	-12
712+50.00	71250.00	50.00	0.00	2.78	0	5	0	17	-17
713+00.00	71300.00	50.00	0.00	3.52	0	6	0	24	-24
713+29.71	71329.71	29.71	0.00	0.60	0	2	0	26	-26
713+50.00	71350.00	20.29	0.00	0.58	0	0	0	26	-26
713+55.00	71355.00	5.00	0.00	0.57	0	0	0	26	-26
713+80.00	71380.00	25.00	0.00	4.82	0	3	0	30	-30
714+00.00	71400.00	20.00	0.00	6.68	0	4	0	35	-35
714+24.66	71424.66	24.66	0.00	2.41	0	4	0	39	-39
714+50.00	71450.00	25.34	0.00	0.22	0	1	0	40	-40
715+00.00	71500.00	50.00	0.00	0.17	0	0	0	40	-40

NOTES:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
3 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME
8 - MASS ORDINATE	IF MARSH OR EBS TO BE BACKFILLED WITH COMMON OR BORROW: [(CUT - SALVAGED PAVT - EXPANDED MARSH EXC - EXPANDED EBS) - ((FILL - REDUCED MARSH IN FILL - REDUCED EBS IN FILL - EXPANDED ROCK) * FILL FACTC

DIVISION 1 - STH 96 GUARDRAIL RT

STATION	REAL STATION	DISTANCE	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED		CUMULATIVE VOL (CY)		
			CUT	FILL	CUT NOTE 1	FILL NOTE 3	CUT 1.33 NOTE 1	EXPANDED FILL 1.15	MASS ORDINATE NOTE 8
719+03.24	71903.24	0.00	0.00	0.00	0	0	0	0	0
719+50.00	71950.00	46.76	0.00	1.24	0	2	0	2	-2
720+00.00	72000.00	50.00	0.06	1.25	0	2	0	5	-5
720+01.02	72001.02	1.02	0.06	1.21	0	0	0	5	-5
720+23.39	72023.39	22.37	0.02	1.99	0	1	0	6	-6
720+48.63	72048.63	25.24	0.01	0.85	0	1	0	7	-7
720+50.00	72050.00	1.37	0.01	0.79	0	0	0	7	-7
720+73.85	72073.85	23.85	0.02	0.17	0	0	0	7	-7
720+77.04	72077.04	3.19	0.02	0.07	0	0	0	7	-7
721+00.00	72100.00	22.96	0.00	0.12	0	0	0	7	-7
721+50.00	72150.00	50.00	0.00	0.81	0	1	0	8	-8
721+52.72	72152.72	2.72	0.00	0.95	0	0	0	8	-8
721+55.87	72155.87	3.15	0.00	1.04	0	0	0	8	-8
721+81.08	72181.08	25.21	0.16	0.14	0	1	0	9	-9
722+00.00	72200.00	18.92	0.67	4.59	0	2	0	12	-12
722+06.31	72206.31	6.31	0.72	5.49	0	1	0	13	13
722+33.92	72233.92	27.61	0.00	0.66	0	3	0	16	-16
722+50.00	72250.00	16.08	0.01	1.05	0	1	0	17	-17
722+85.28	72285.28	35.28	0.00	0.75	0	1	0	18	-18
723+00.00	72300.00	14.72	0.00	2.12	0	1	0	20	-20
723+16.70	72316.70	16.70	0.00	3.46	0	2	0	22	-22
723+37.06	72337.06	20.36	0.54	6.95	0	4	0	26	-26
723+50.00	72350.00	12.94	0.47	0.22	0	2	0	29	-29
723+62.04	72362.04	12.04	0.25	0.14	0	0	0	29	29
723+87.02	72387.02	24.98	0.00	0.79	0	0	0	29	-29
724+00.00	72400.00	12.98	0.00	0.55	0	0	0	29	-29
724+50.00	72450.00	50.00	0.00	0.54	0	1	0	30	-30
725+00.00	72500.00	50.00	0.00	0.82	0	1	0	31	-31
725+50.00	72550.00	50.00	0.00	0.70	0	1	0	32	-32
725+66.68	72566.68	16.68	0.00	0.74	0	0	0	32	-32
726+00.00	72600.00	33.32	0.00	0.34	0	1	0	33	-33
726+18.48	72618.48	18.48	0.00	0.92	0	0	0	33	33
726+48.14	72648.14	29.66	0.00	0.47	0	1	0	35	-35

NOTES:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
3 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME
8 - MASS ORDINATE	IF MARSH OR EBS TO BE BACKFILLED WITH COMMON OR BORROW: [(CUT - SALVAGED PAVT - EXPANDED MARSH EXC - EXPANDED EBS) - ((FILL - REDUCED MARSH IN FILL - REDUCED EBS IN FILL - EXPANDED ROCK) * FILL FACTC

9

9

PROJECT NO: 4620-02-71 | HWY: STH 96 | COUNTY: OUTAGAMIE | EARTHWORK DATA | SHEET 244 | E

DIVISION 1 - STH 96 GUARDRAIL RT

STATION	REAL STATION	DISTANCE	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED		CUMULATIVE VOL (CY)		
			CUT	FILL	CUT NOTE 1	FILL NOTE 3	CUT 1.33 NOTE 1	EXPANDED FILL 1.15	MASS ORDINATE NOTE 8
726+50.00	72650.00	0.00	0.00	0.58	0	0	0	0	0
726+61.00	72661.00	11.00	0.00	1.53	0	1	0	1	-1
726+82.75	72682.75	21.75	0.00	2.44	0	2	0	3	-3
727+00.00	72700.00	17.25	0.00	0.70	0	1	0	5	-5
727+07.72	72707.72	7.72	0.00	0.60	0	0	0	5	-5
727+32.69	72732.69	24.97	0.00	2.80	0	2	0	7	-7
727+50.00	72750.00	17.31	0.00	1.64	0	1	0	8	-8
728+00.00	72800.00	50.00	0.00	0.56	0	2	0	10	-10
728+50.00	72850.00	50.00	0.00	0.48	0	1	0	12	-12
729+00.00	72900.00	50.00	0.09	0.18	0	1	0	13	-13
729+13.91	72913.91	13.91	0.07	0.21	0	0	0	13	-13
729+38.90	72938.90	24.99	0.07	0.17	0	0	0	13	-13
729+50.00	72950.00	11.10	0.08	0.23	0	0	0	13	-13
729+63.90	72963.90	13.90	0.15	0.47	0	0	0	13	-13
729+76.45	72976.45	12.55	0.83	0.09	0	0	0	13	-13

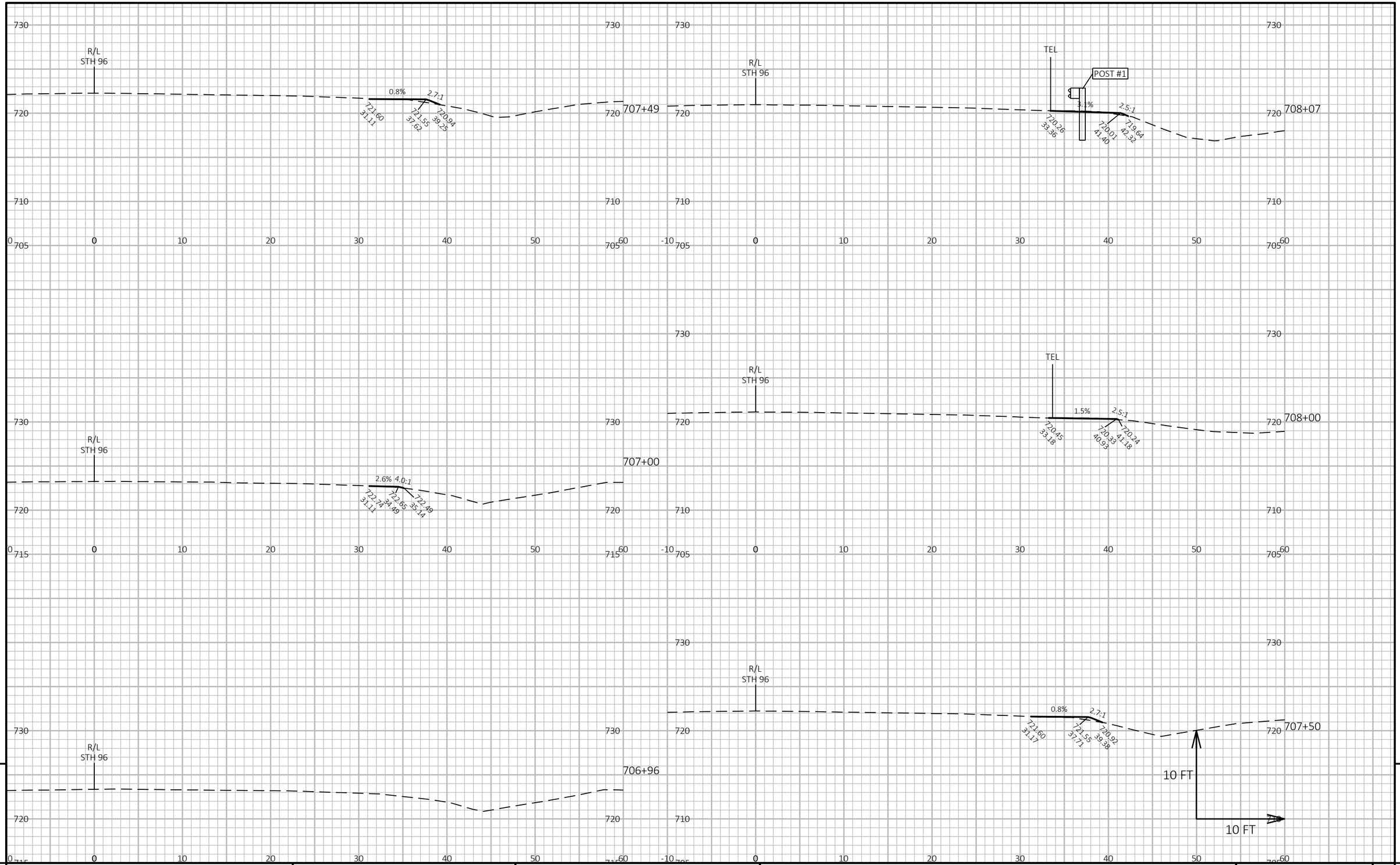
DIVISION 1 - STH 96 GUARDRAIL LT

STATION	REAL STATION	DISTANCE	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED		CUMULATIVE VOL (CY)		
			CUT	FILL	CUT NOTE 1	FILL NOTE 3	CUT 1.33 NOTE 1	EXPANDED FILL 1.15	MASS ORDINATE NOTE 8
718+86.87	71886.87	0.00	0.00	0.00	0	0	0	0	0
719+00.00	71900.00	13.13	0.00	0.08	0	0	0	0	0
719+50.00	71950.00	50.00	0.14	0.05	0	0	0	0	0
719+82.39	71982.39	32.39	0.13	0.86	0	1	0	1	-1
720+00.00	72000.00	17.61	0.01	0.69	0	1	0	2	-2
720+04.65	72004.65	4.65	0.03	0.05	0	0	0	2	-2
720+29.34	72029.34	24.69	0.33	0.28	0	0	0	2	-2
720+50.00	72050.00	20.66	0.14	0.59	0	0	0	2	-2
720+54.05	72054.05	4.05	0.10	0.61	0	0	0	2	-2
721+00.00	72100.00	45.95	0.00	0.93	0	1	0	3	-3
721+42.97	72142.97	42.97	0.00	0.52	0	1	0	5	-5
721+50.00	72150.00	7.03	0.00	0.74	0	0	0	5	-5
721+70.74	72170.74	20.74	0.41	0.23	0	0	0	5	-5
722+00.00	72200.00	29.26	0.95	0.07	3	0	4	5	-2

NOTES:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
3 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME
8 - MASS ORDINATE	IF MARSH OR EBS TO BE BACKFILLED WITH COMMON OR BORROW: [(CUT - SALVAGED PAVT - EXPANDED MARSH EXC - EXPANDED EBS) - ((FILL - REDUCED MARSH IN FILL - REDUCED EBS IN FILL - EXPANDED ROCK) * FILL FACTC

9

9



9

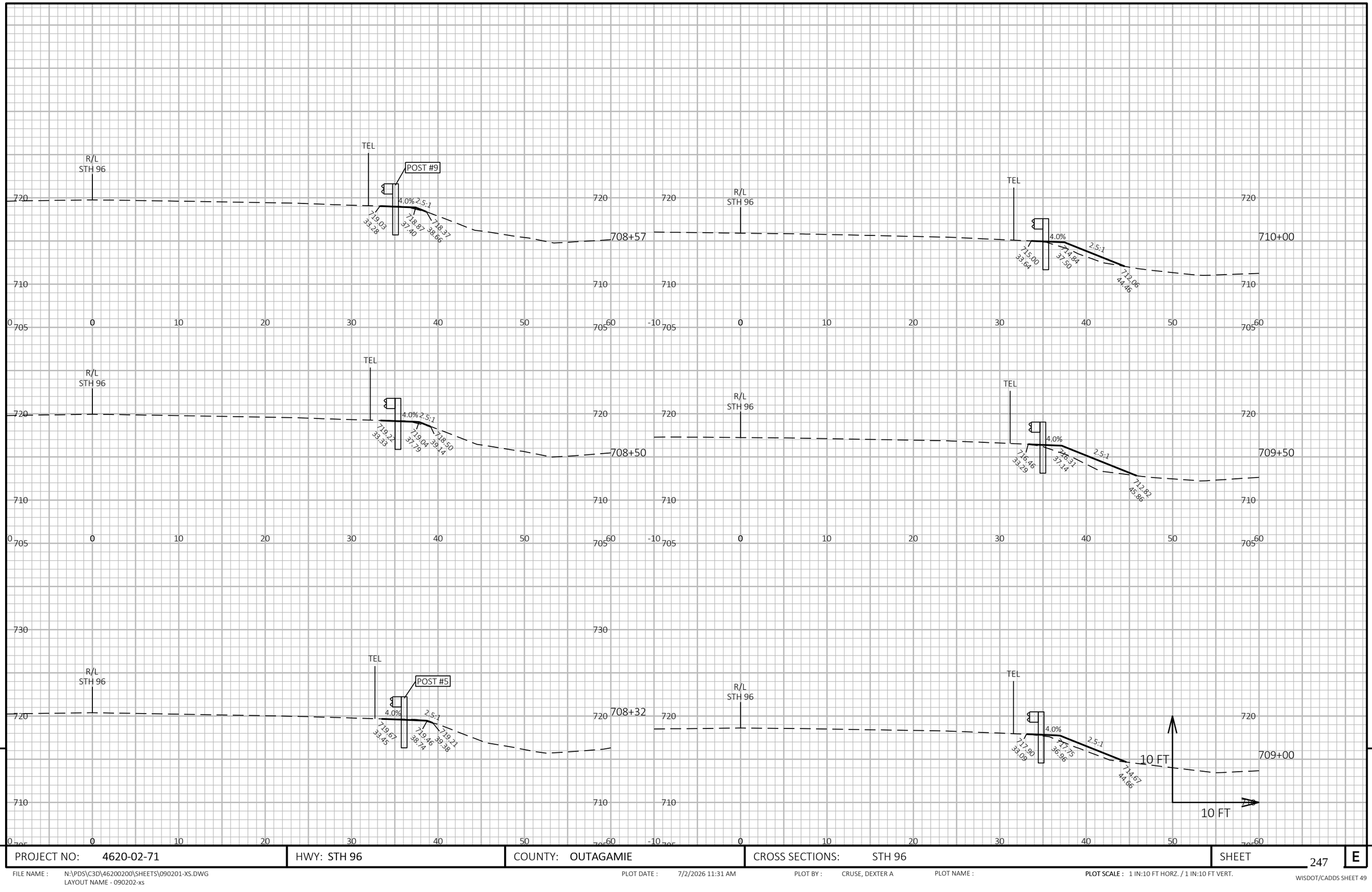
9

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96	SHEET 246	E

FILE NAME : N:\PDS\C3D\46200200\SHEETS\090201-XS.DWG
LAYOUT NAME - 090201-xs

PLOT DATE : 7/2/2026 11:31 AM PLOT BY : CRUSE, DEXTER A PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96	SHEET 247	E

FILE NAME : N:\PDS\C3D\46200200\SHEETS\090201-XS.DWG
LAYOUT NAME - 090202-xs

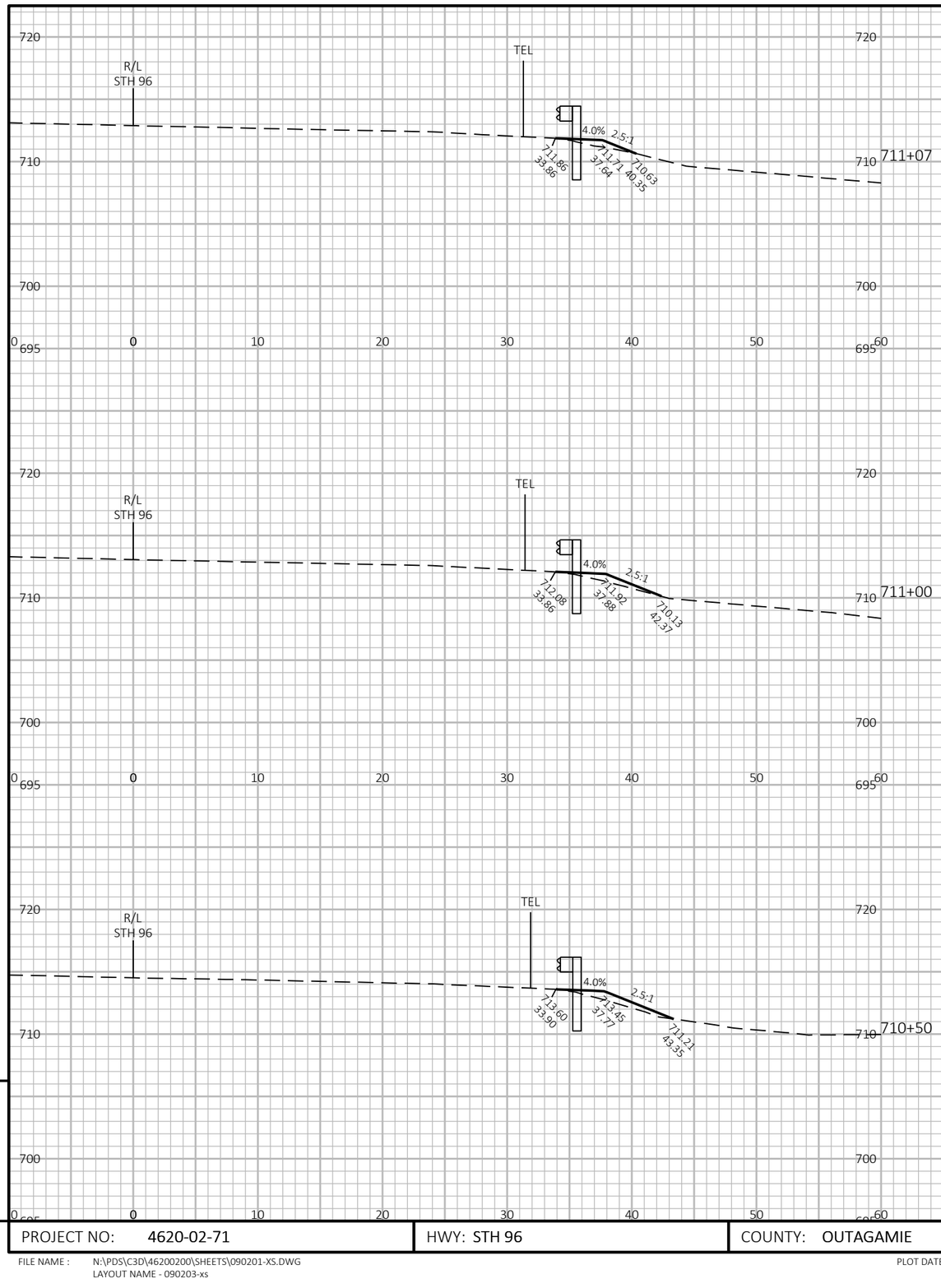
PLOT DATE : 7/2/2026 11:31 AM

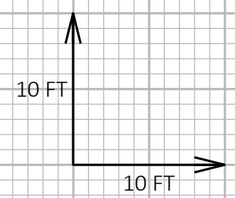
PLOT BY : CRUSE, DEXTER A

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49





9

9

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96	SHEET 248	E

FILE NAME : N:\PDS\C3D\46200200\SHEETS\090201-XS.DWG
LAYOUT NAME - 090203-xs

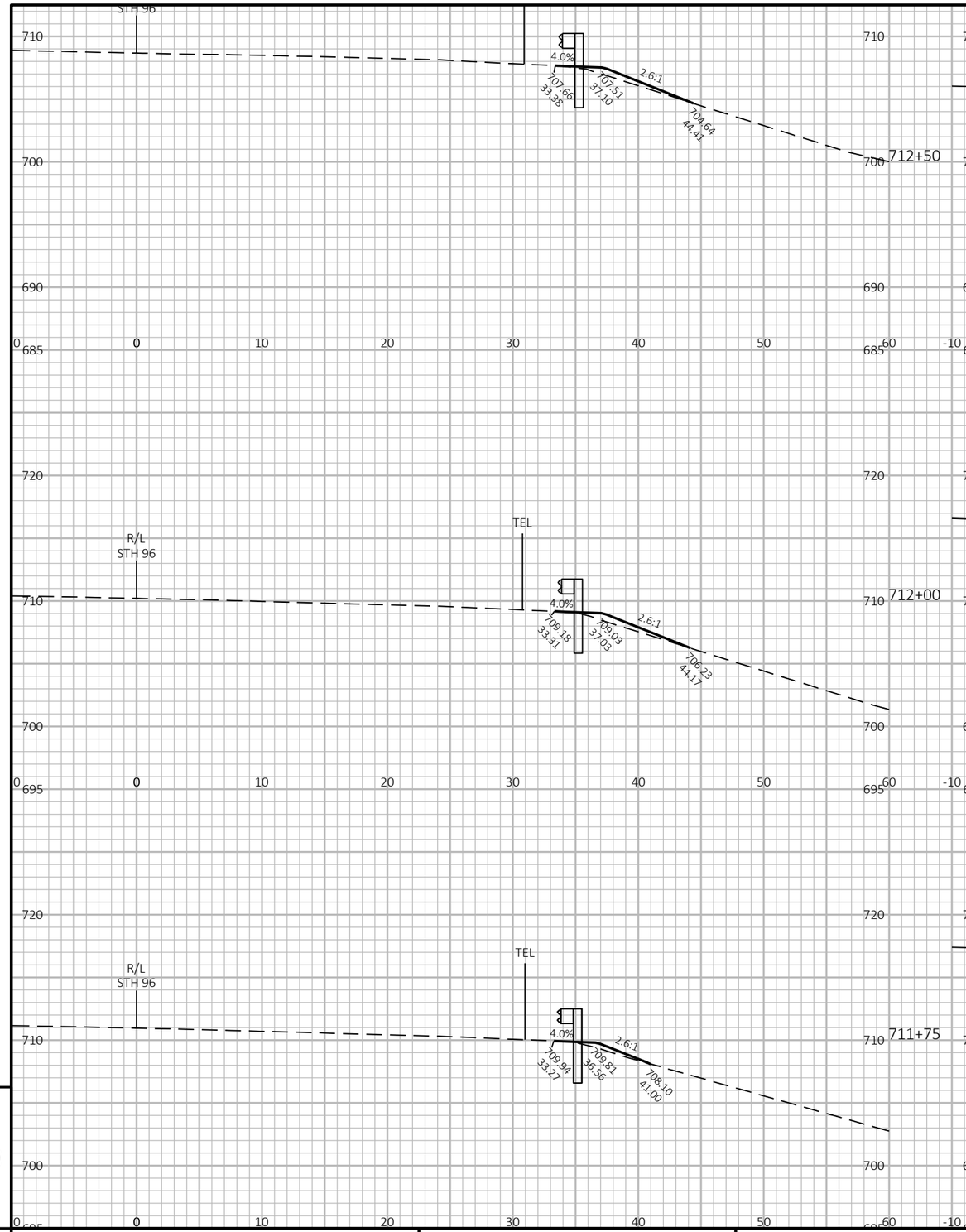
PLOT DATE : 7/2/2026 11:31 AM

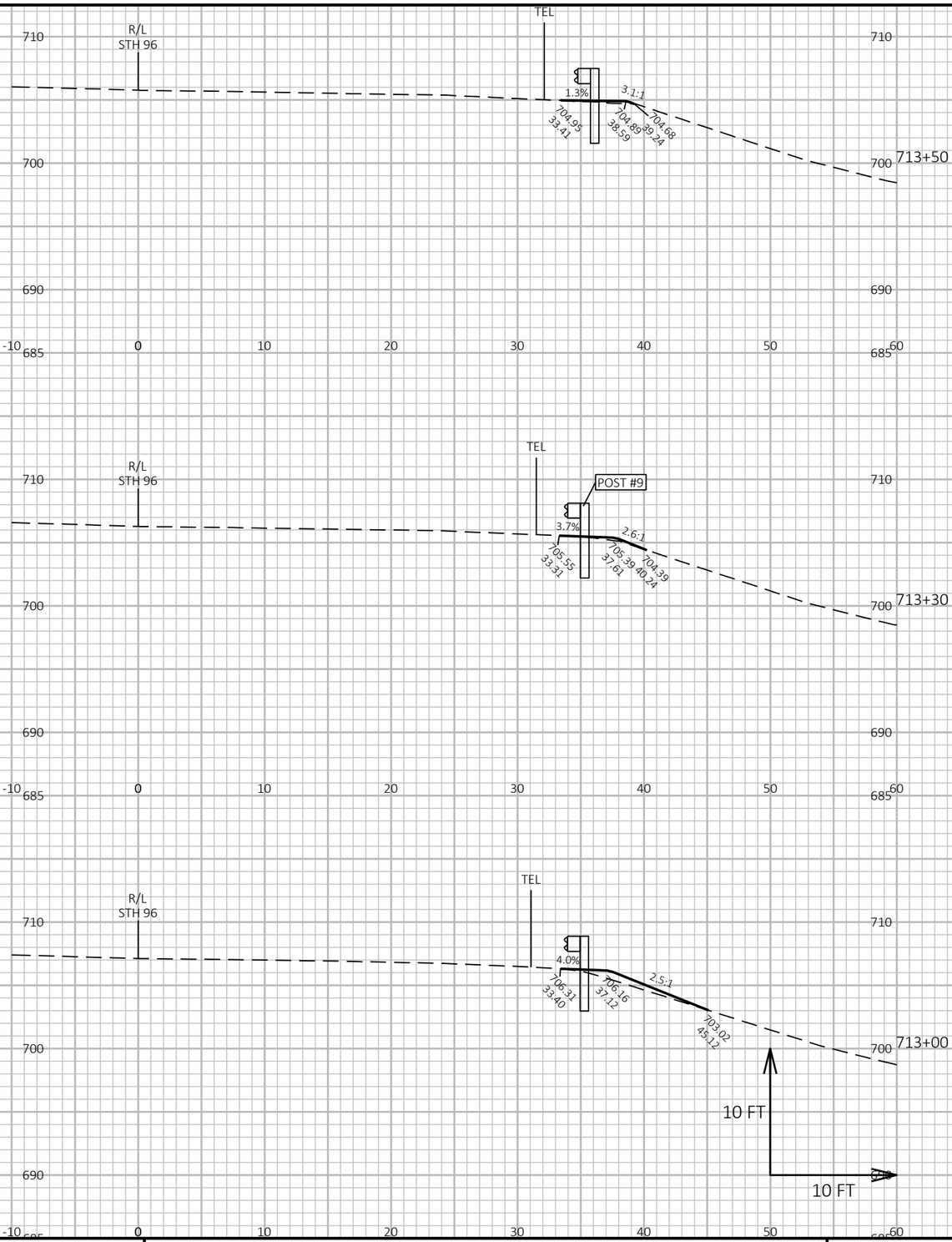
PLOT BY : CRUSE, DEXTER A

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49





9

9

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96	SHEET 249	E

FILE NAME : N:\PDS\C3D\46200200\SHEETS\090201-XS.DWG
LAYOUT NAME - 090204-xs

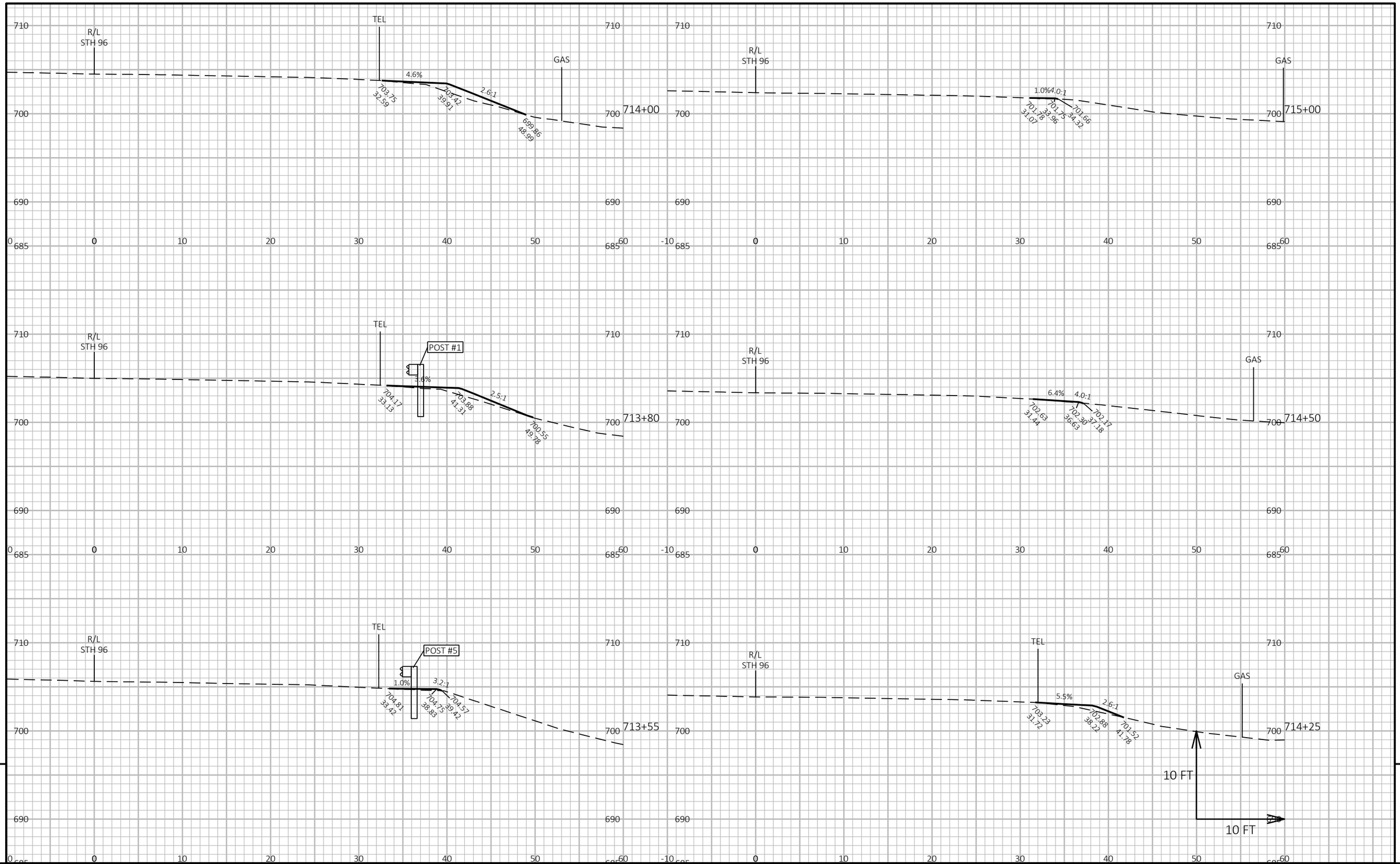
PLOT DATE : 7/2/2026 11:32 AM

PLOT BY : CRUSE, DEXTER A

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

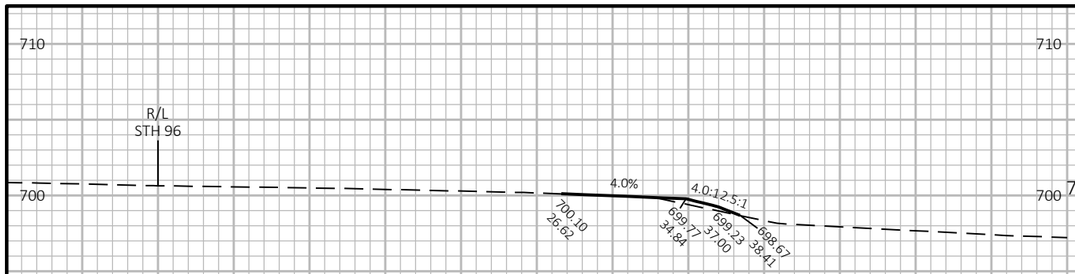


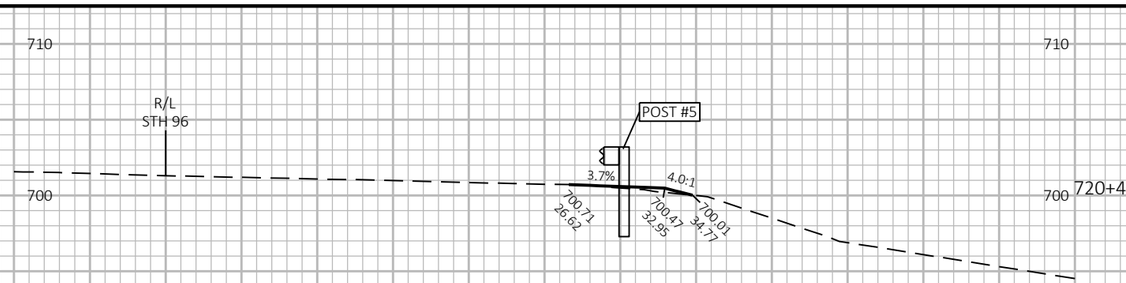
PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96	SHEET 250	E

FILE NAME : N:\PDS\C3D\46200200\SHEETS\090201-XS.DWG
LAYOUT NAME - 090205-xs

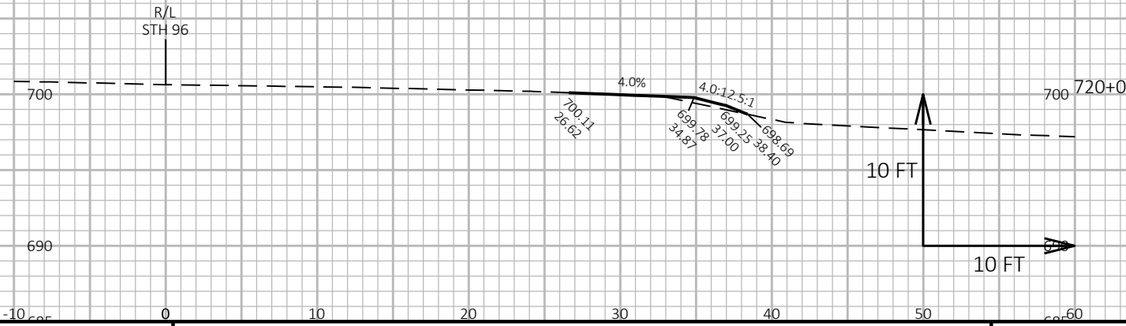
PLOT DATE : 7/2/2026 11:32 AM PLOT BY : CRUSE, DEXTER A PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49









9

9

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96	SHEET 251	E

FILE NAME : N:\PDS\C3D\46200200\SHEETS\090201-XS.DWG
LAYOUT NAME - 090206-xs

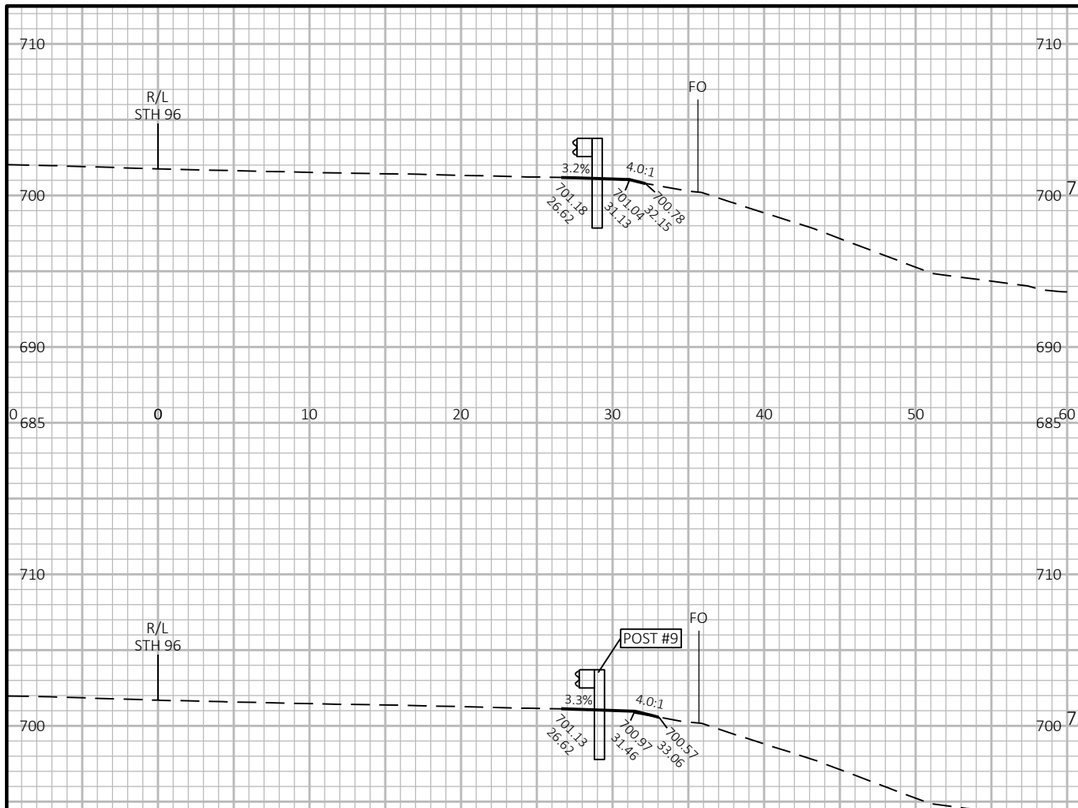
PLOT DATE : 7/2/2026 11:32 AM

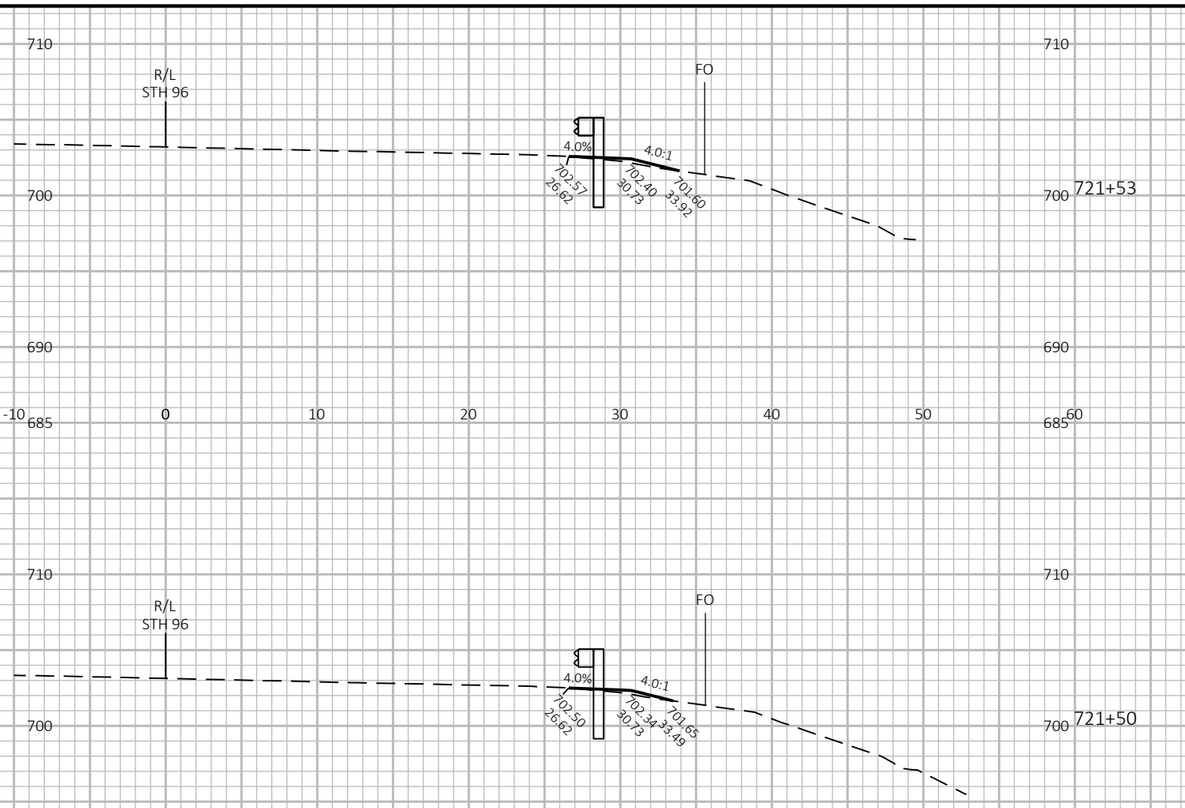
PLOT BY : CRUSE, DEXTER A

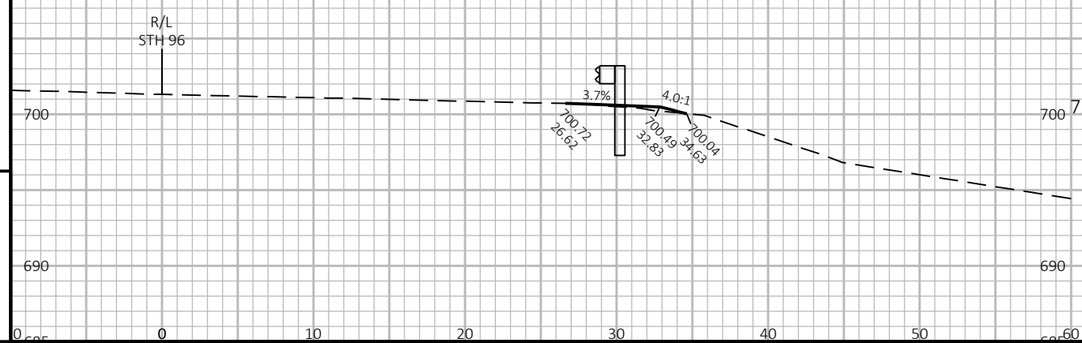
PLOT NAME :

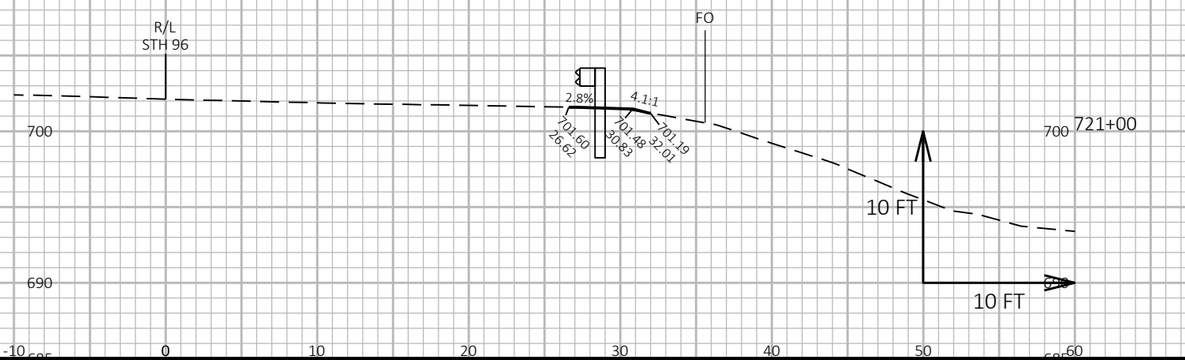
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49









9

9

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96	SHEET 252	E

FILE NAME : N:\PDS\C3D\46200200\SHEETS\090201-XS.DWG
LAYOUT NAME - 090207-xs

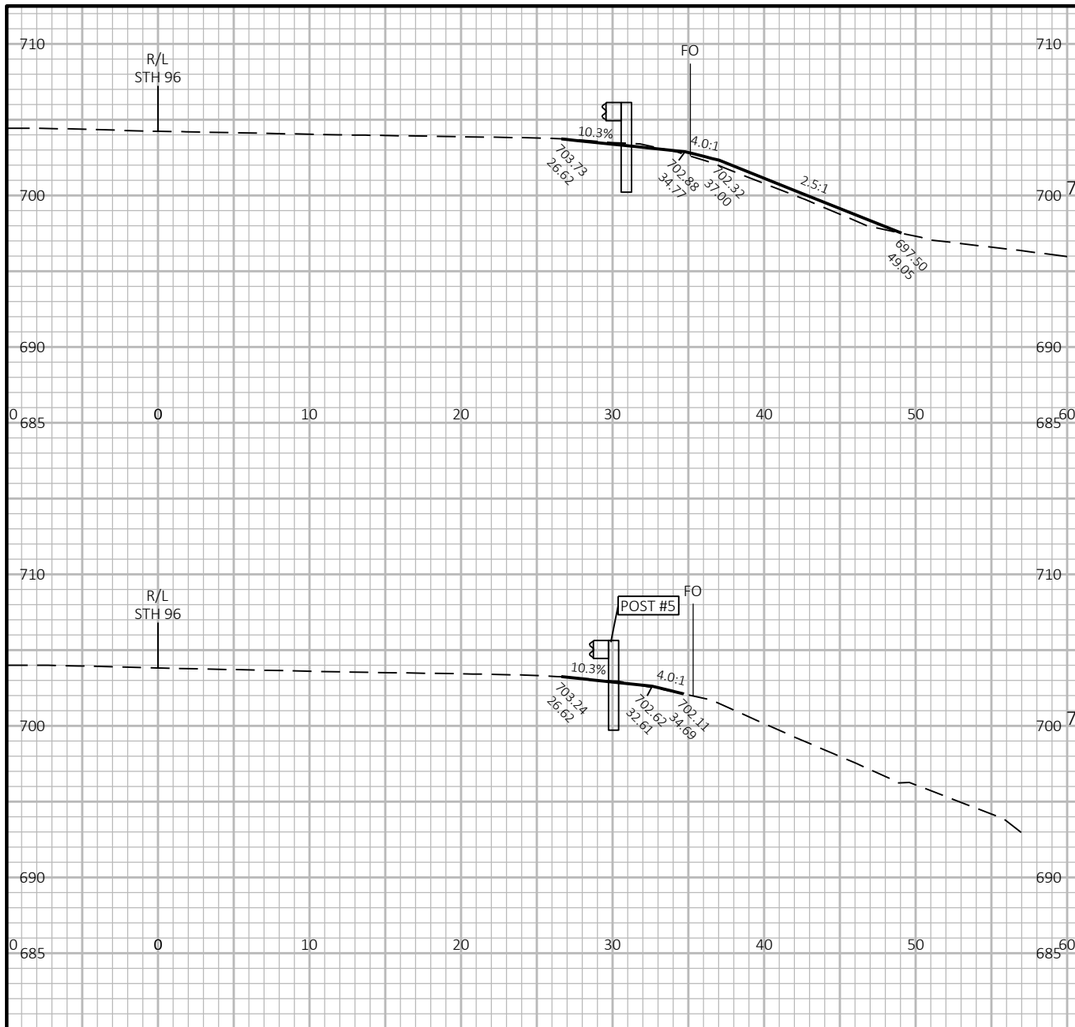
PLOT DATE : 7/2/2026 11:32 AM

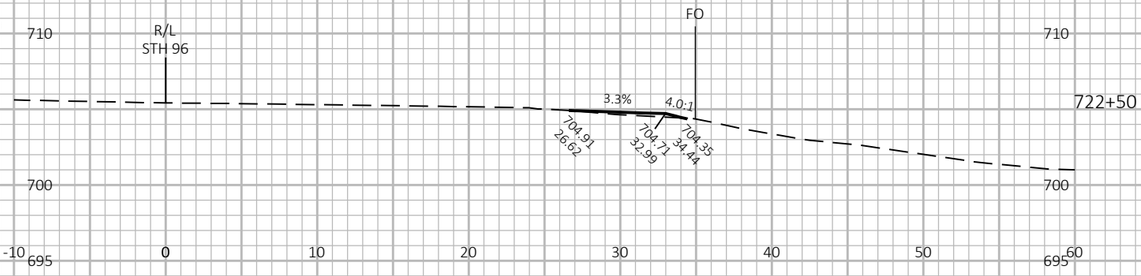
PLOT BY : CRUSE, DEXTER A

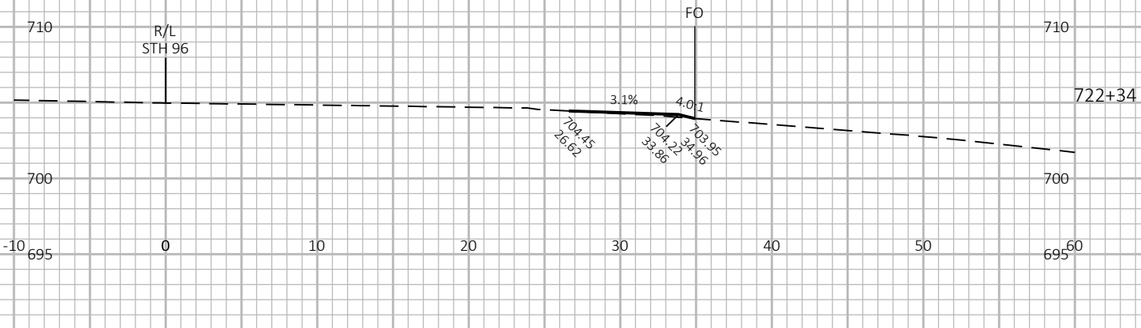
PLOT NAME :

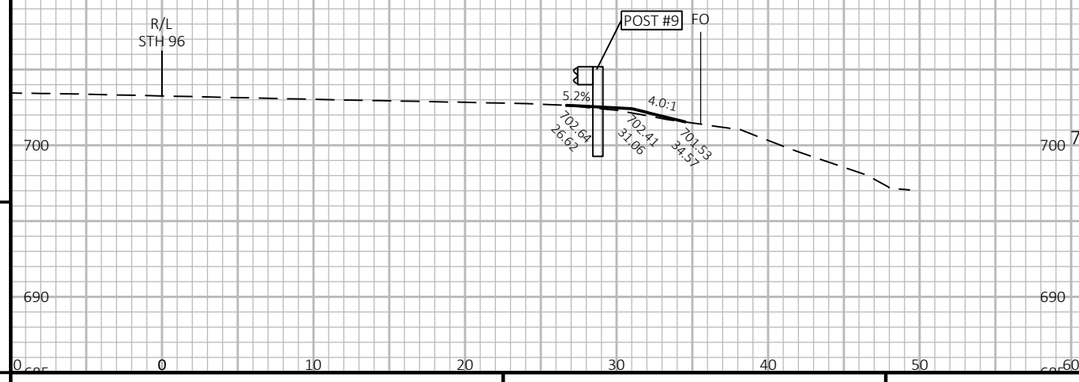
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

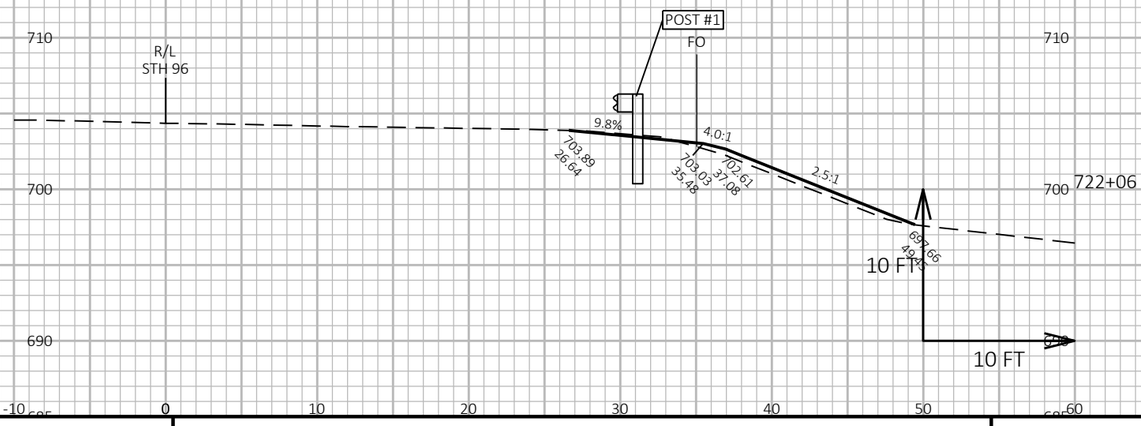
WISDOT/CADDS SHEET 49











9

9

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96	SHEET 253	E

FILE NAME : N:\PDS\C3D\46200200\SHEETS\090201-XS.DWG
LAYOUT NAME - 090208-xs

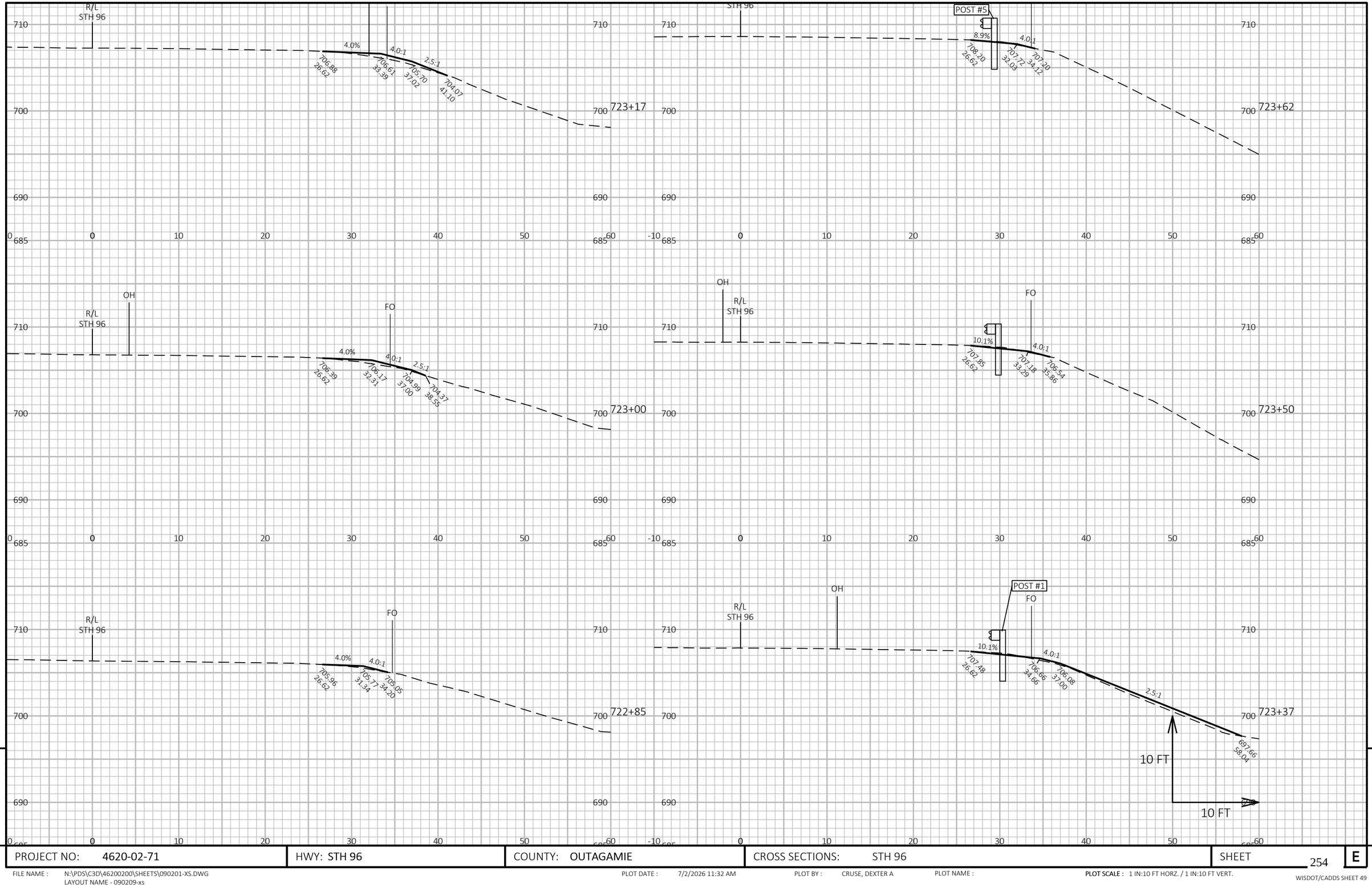
PLOT DATE : 7/2/2026 11:32 AM

PLOT BY : CRUSE, DEXTER A

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96	SHEET 254	E

FILE NAME : N:\PDS\C3D\46200200\SHEETS\090201-XS.DWG
LAYOUT NAME - 090209-xs

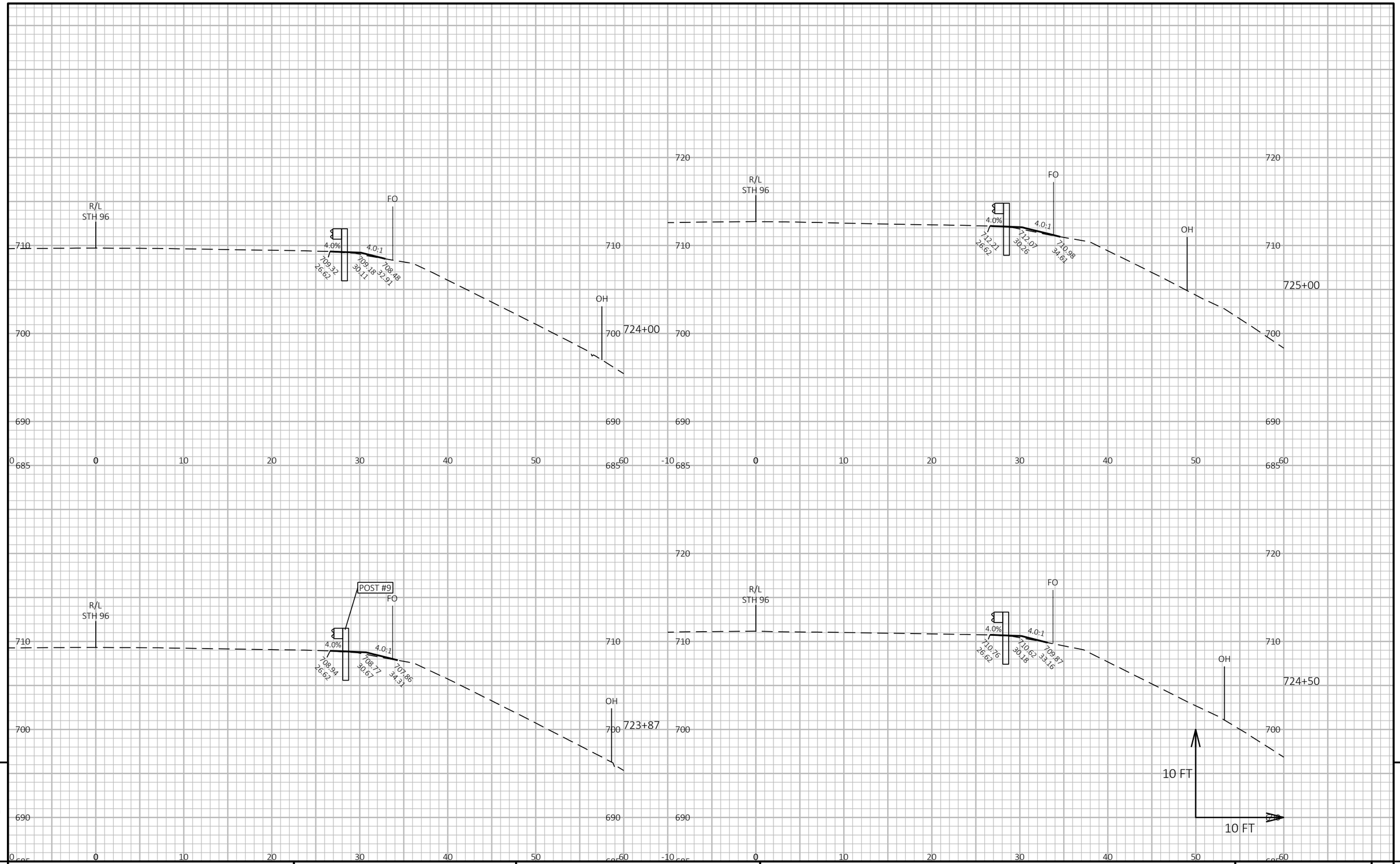
PLOT DATE : 7/2/2026 11:32 AM

PLOT BY : CRUSE, DEXTER A

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96	SHEET 255	E

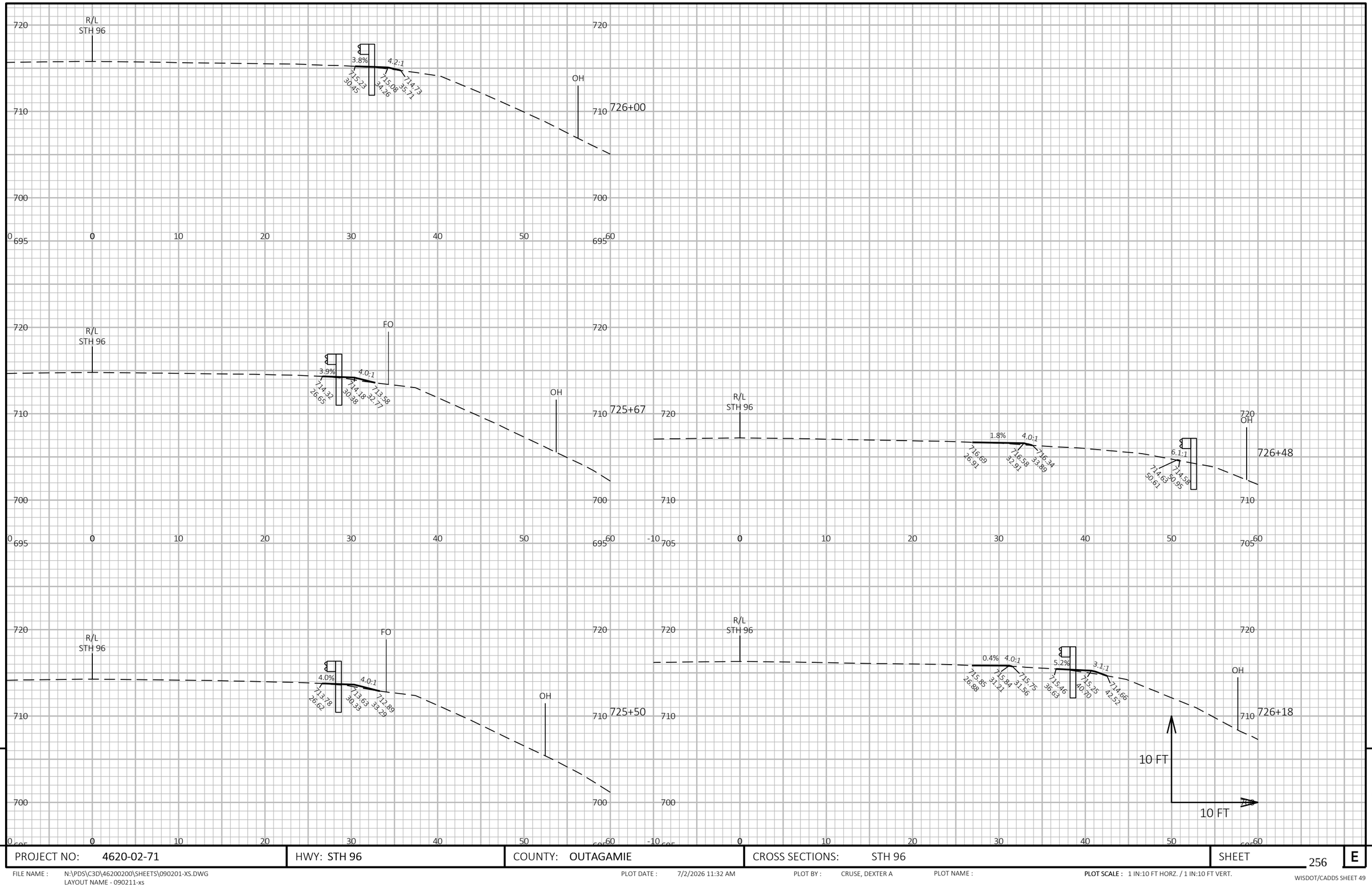
FILE NAME : N:\PDS\C3D\46200200\SHEETS\090201-XS.DWG
LAYOUT NAME - 090210-xs

PLOT DATE : 7/2/2026 11:32 AM

PLOT BY : CRUSE, DEXTER A

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



9

9

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96	SHEET 256	E

FILE NAME : N:\PDS\C3D\46200200\SHEETS\090201-XS.DWG
LAYOUT NAME - 090211-xs

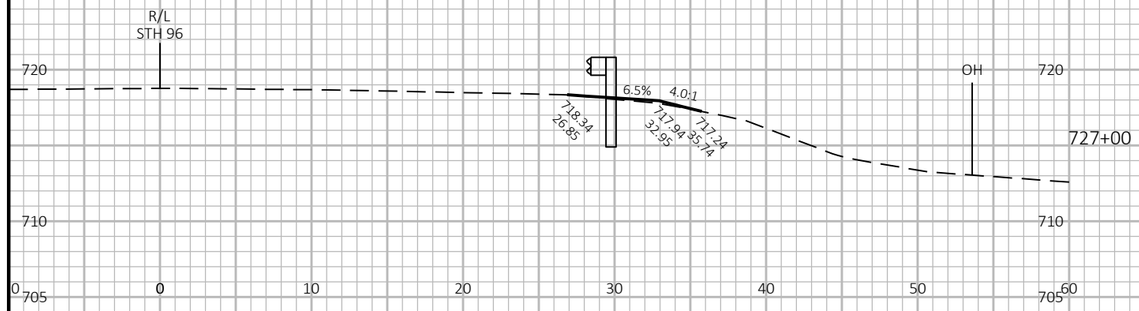
PLOT DATE : 7/2/2026 11:32 AM

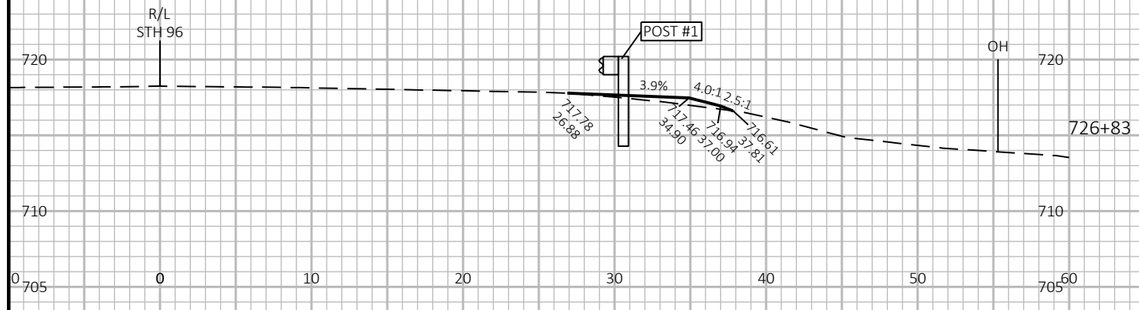
PLOT BY : CRUSE, DEXTER A

PLOT NAME :

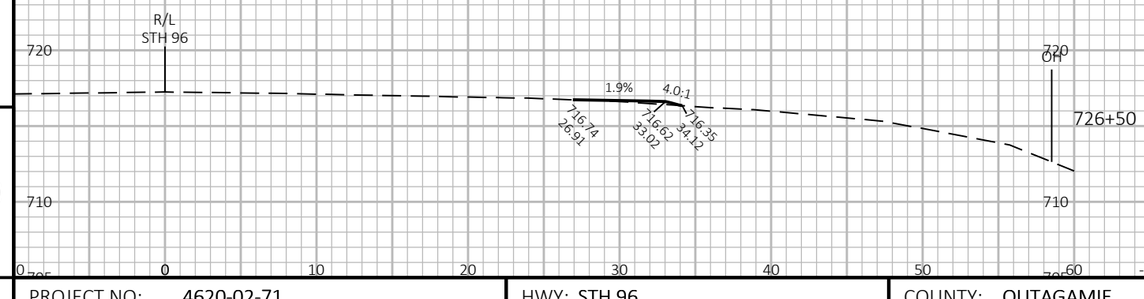
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

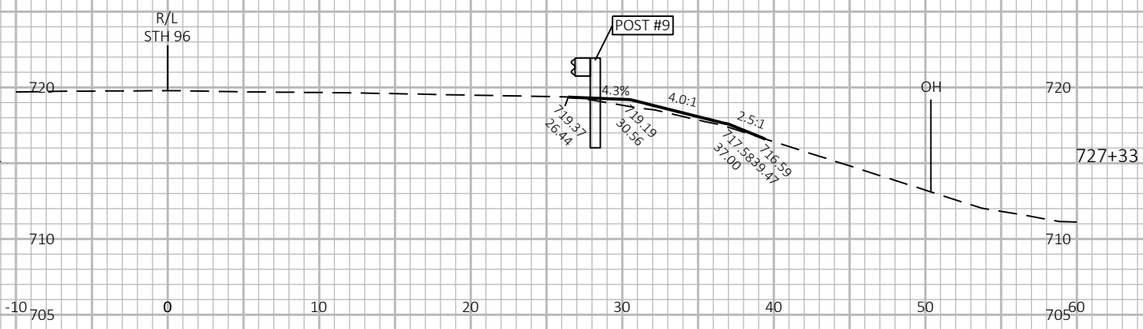
WISDOT/CADDS SHEET 49

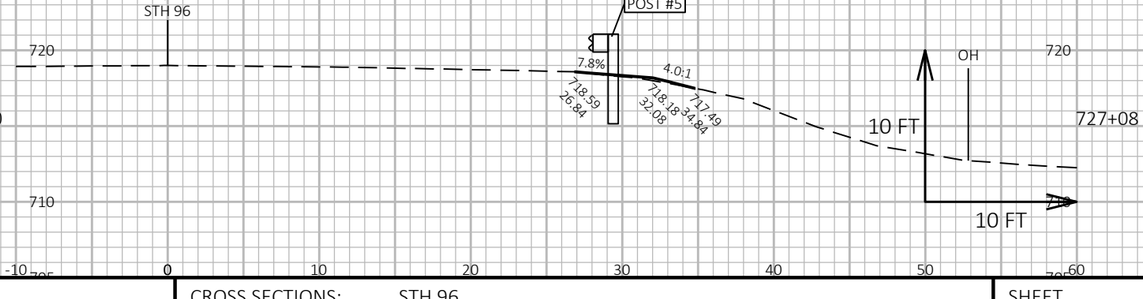












9

9

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96	SHEET 257	E

FILE NAME : N:\PDS\C3D\46200200\SHEETS\090201-XS.DWG
LAYOUT NAME - 090212-xs

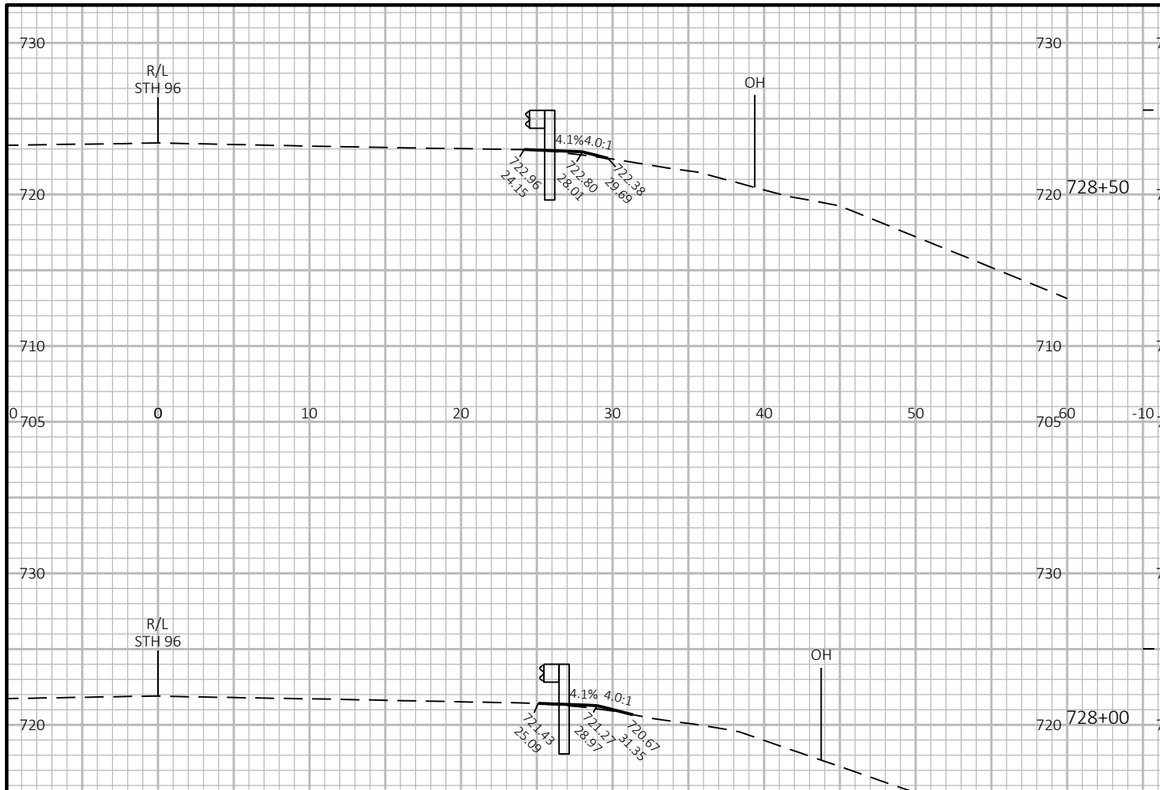
PLOT DATE : 7/2/2026 11:32 AM

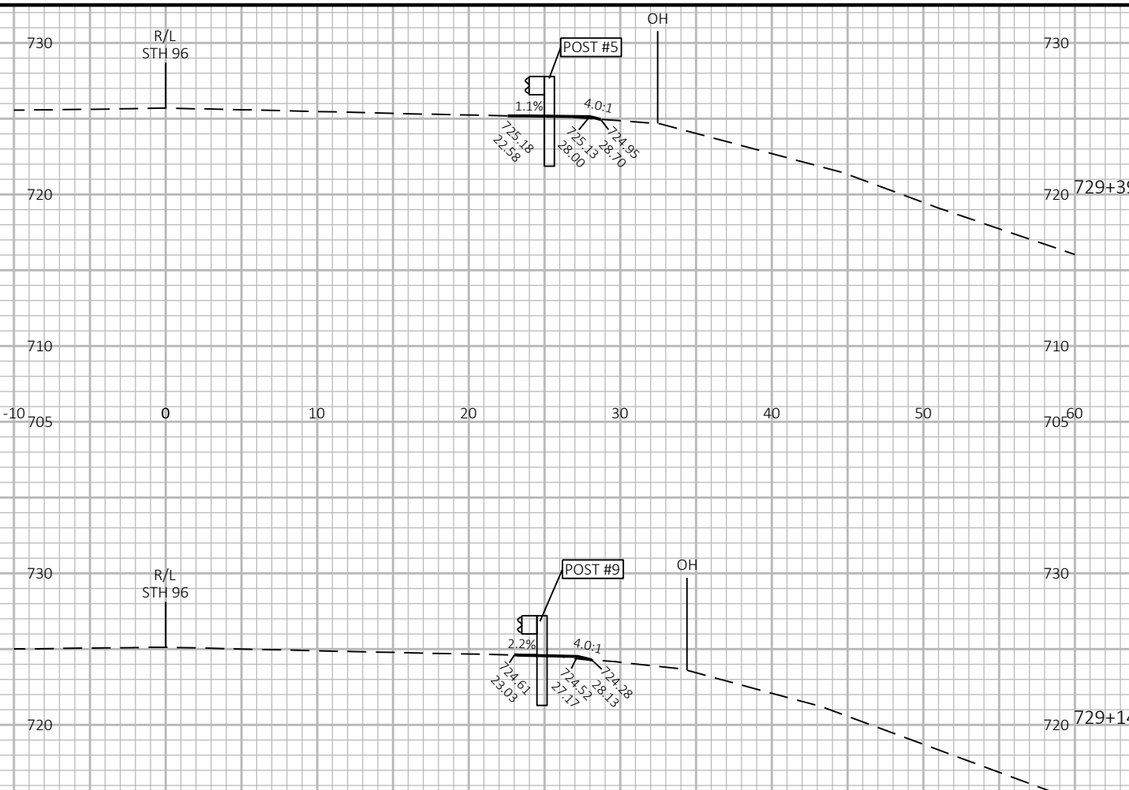
PLOT BY : CRUSE, DEXTER A

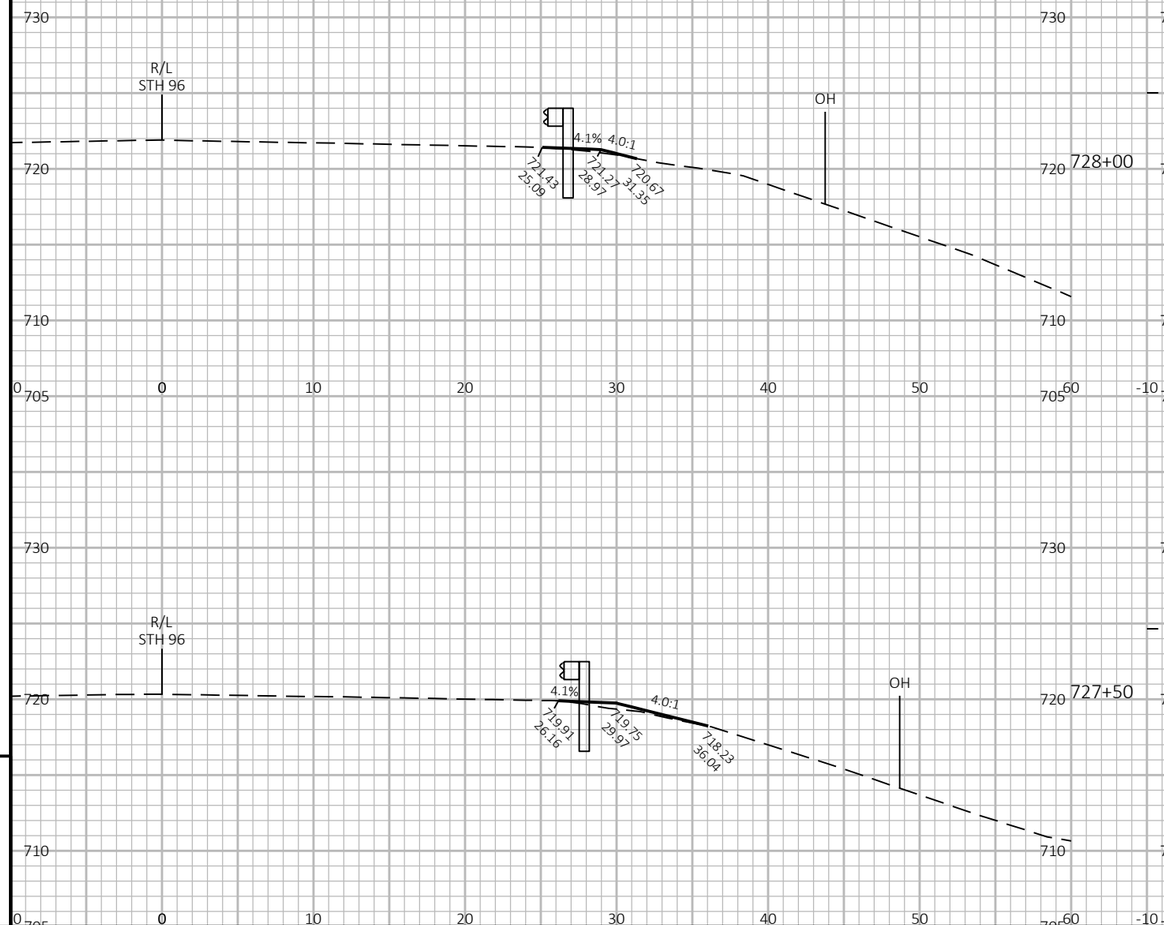
PLOT NAME :

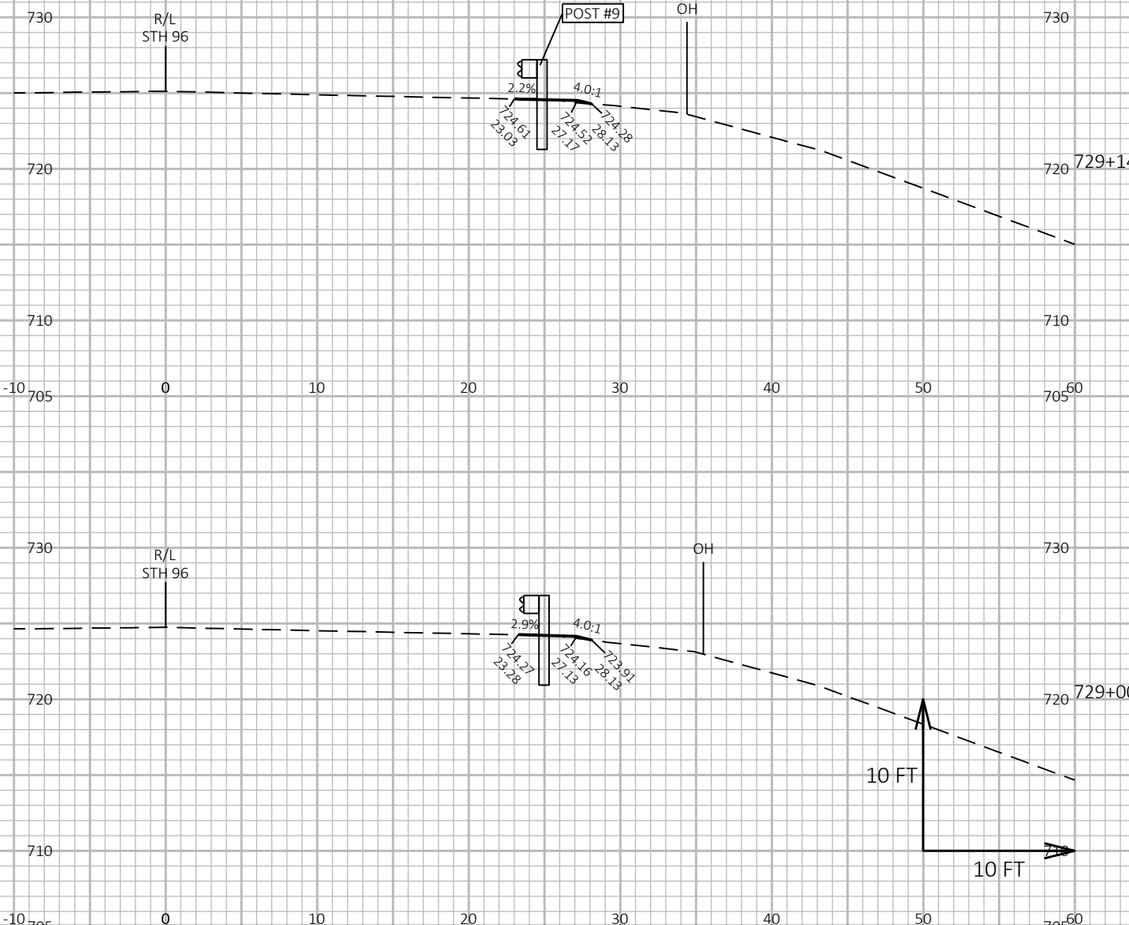
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49









9

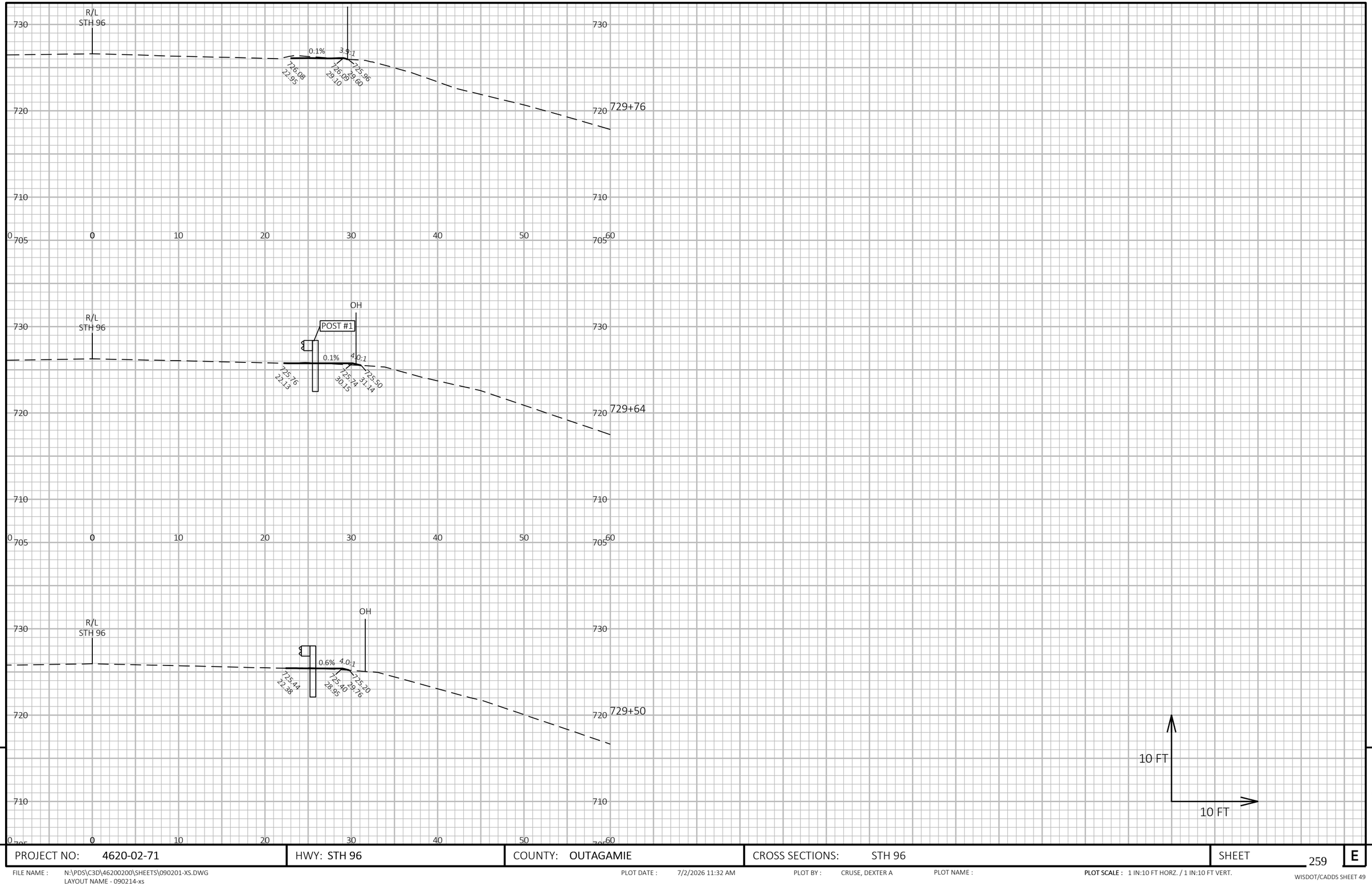
9

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96	SHEET 258	E

FILE NAME : N:\PDS\C3D\46200200\SHEETS\090201-XS.DWG
LAYOUT NAME - 090213-xs

PLOT DATE : 7/2/2026 11:32 AM PLOT BY : CRUSE, DEXTER A PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

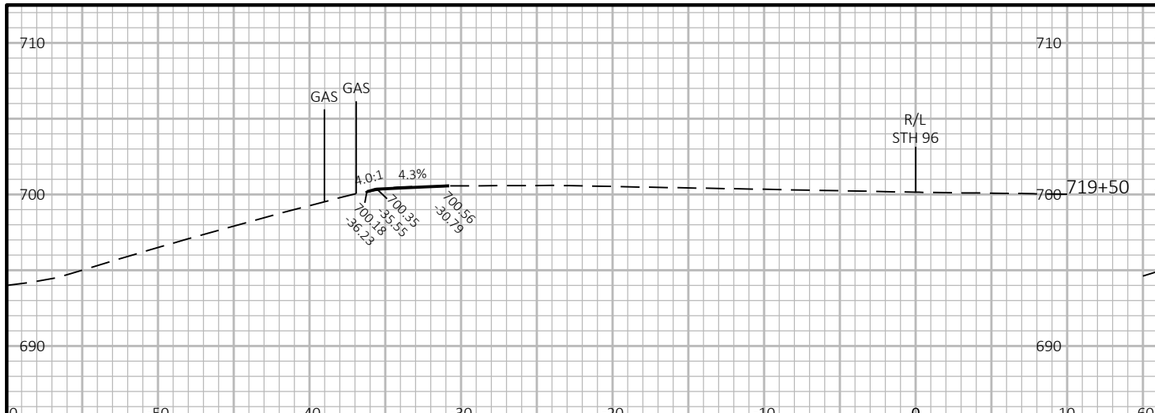
PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96	SHEET 259	E

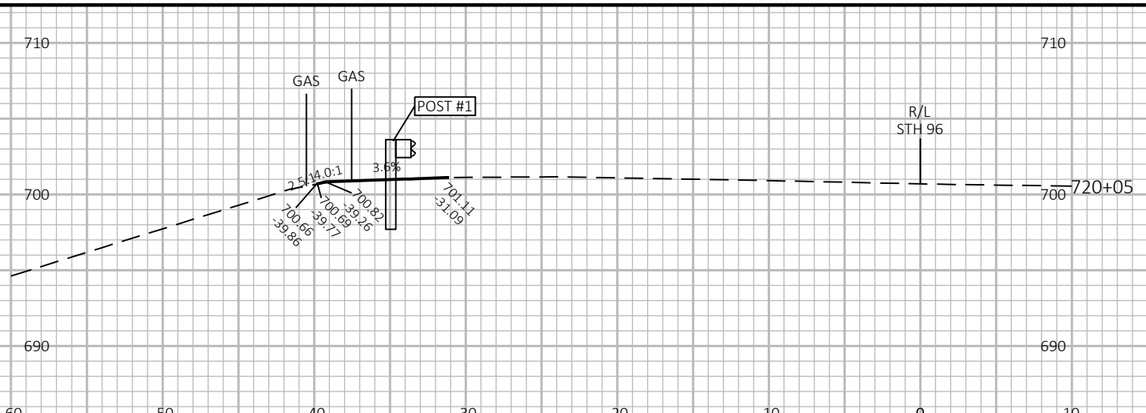
FILE NAME : N:\PDS\C3D\46200200\SHEETS\090201-XS.DWG
LAYOUT NAME - 090214-xs

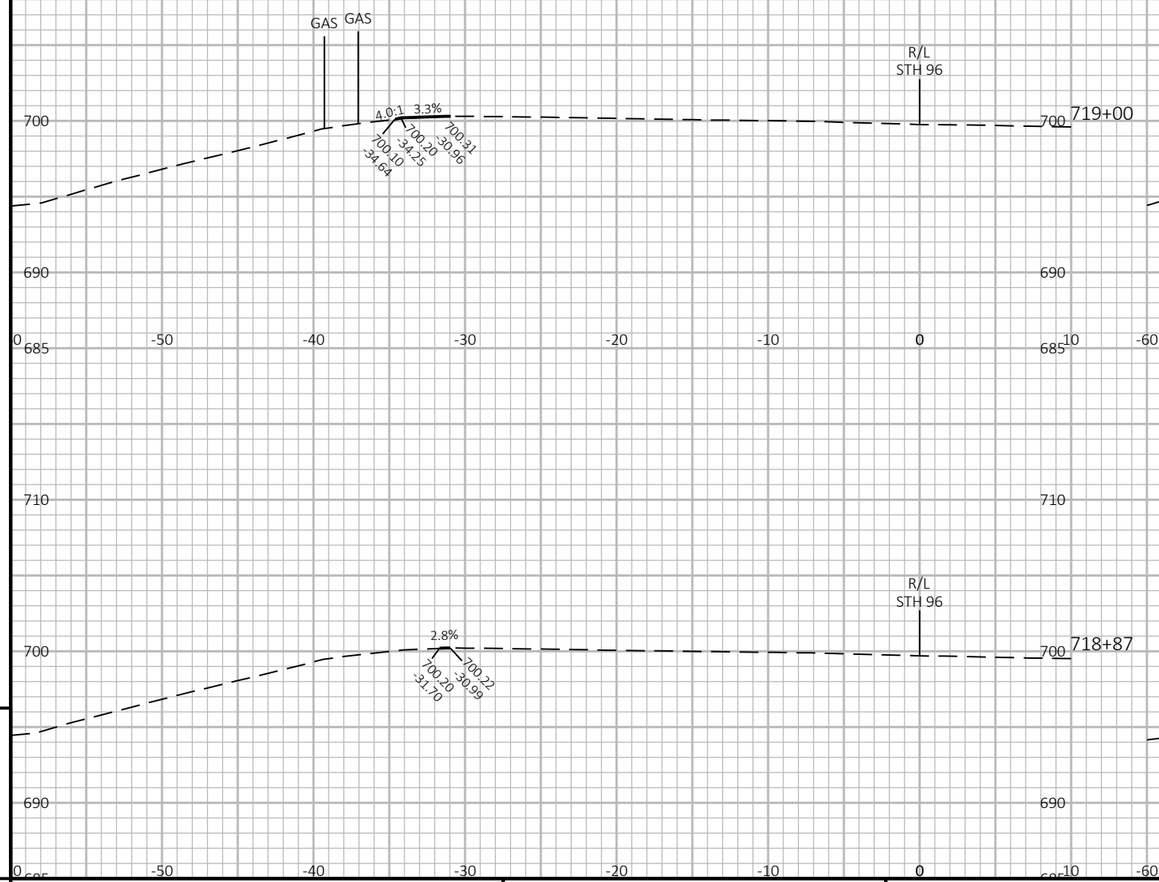
PLOT DATE : 7/2/2026 11:32 AM PLOT BY : CRUSE, DEXTER A PLOT NAME :

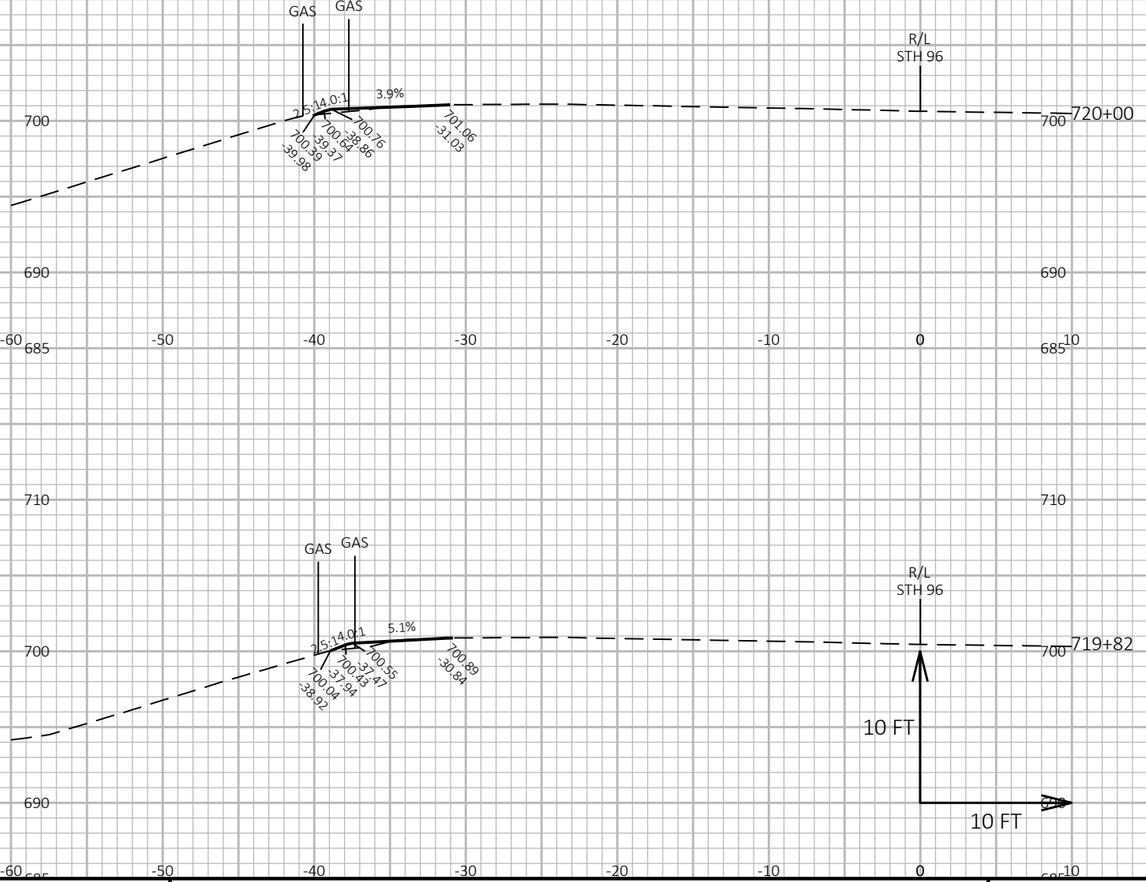
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49









9

9

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96	SHEET 260	E

FILE NAME : N:\PDS\C3D\46200200\SHEETS\090201-XS.DWG
LAYOUT NAME - 090215-xs

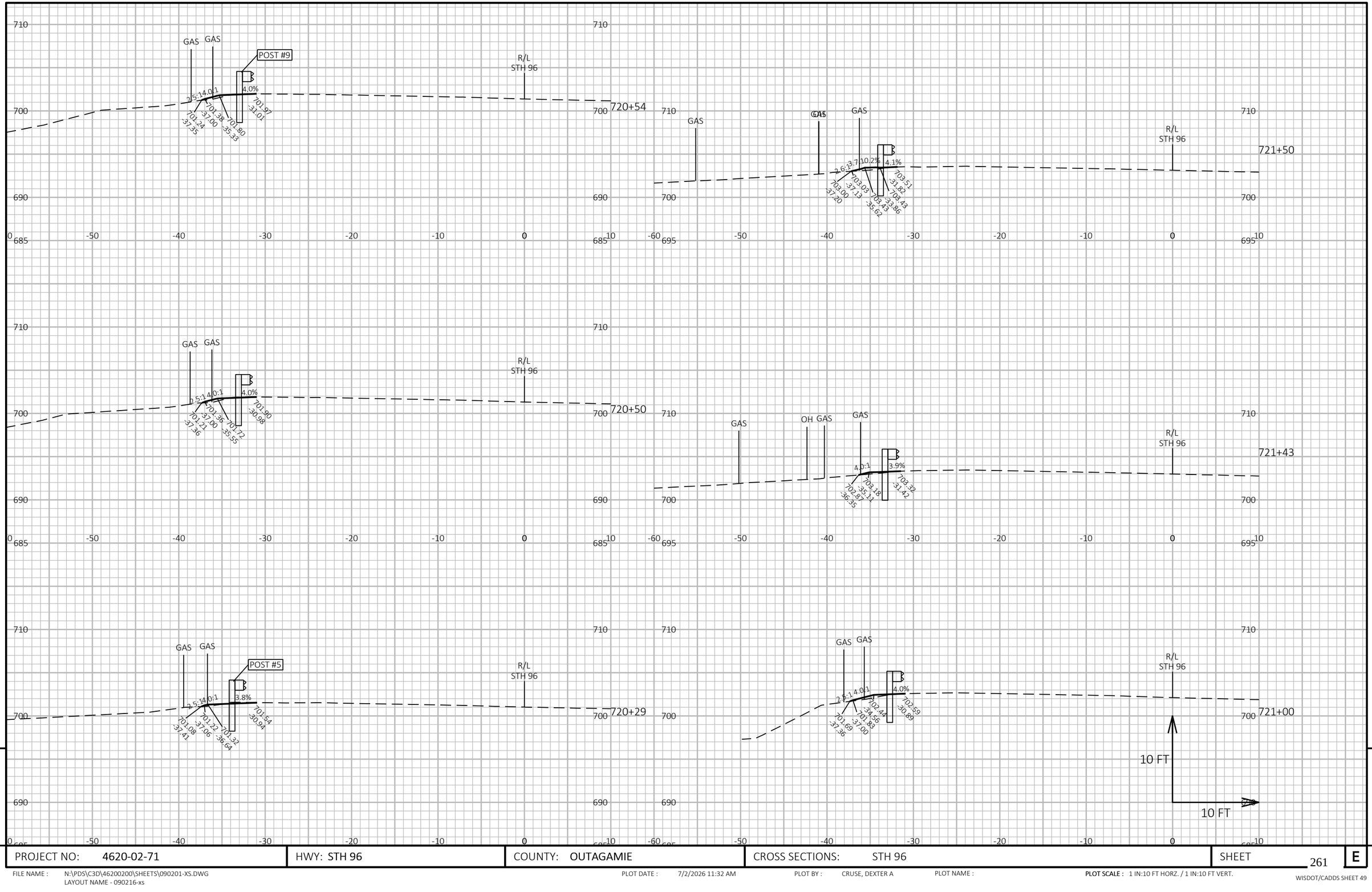
PLOT DATE : 7/2/2026 11:32 AM

PLOT BY : CRUSE, DEXTER A

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96	SHEET 261	E

FILE NAME : N:\PDS\C3D\46200200\SHEETS\090201-XS.DWG
LAYOUT NAME - 090216-xs

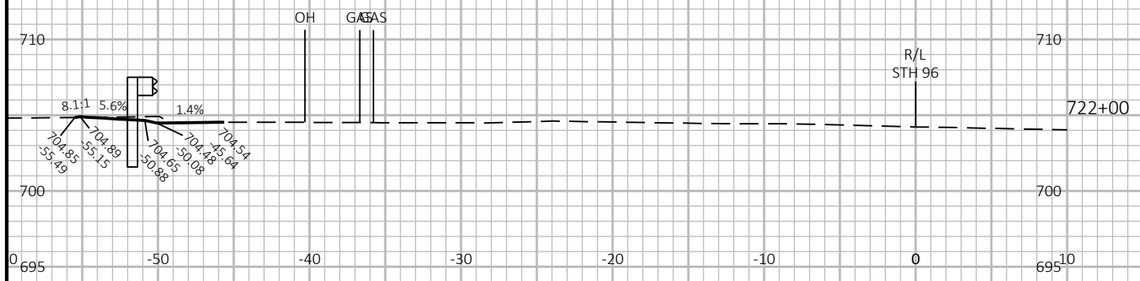
PLOT DATE : 7/2/2026 11:32 AM

PLOT BY : CRUSE, DEXTER A

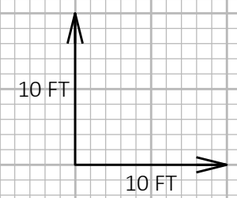
PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49







9

9

PROJECT NO: 4620-02-71	HWY: STH 96	COUNTY: OUTAGAMIE	CROSS SECTIONS: STH 96	SHEET 262	E

FILE NAME : N:\PDS\C3D\46200200\SHEETS\090201-XS.DWG
LAYOUT NAME - 090217-xs

PLOT DATE : 7/2/2026 11:32 AM

PLOT BY : CRUSE, DEXTER A

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

Notes

Wisconsin Department of Transportation

Dedicated people creating transportation solutions
through innovation and exceptional service.

http://www.dot.wisconsin.gov