Section No.

Section No.

Section No.

TOTAL SHEETS = 146

DESIGN DESIGNATION

2022 = 3.500

2045 = 4,400 = 406

CONVENTIONAL SYMBOLS

= 0.78

= 1.0%

= 30 MPH = LOCAL STREET

AADT

A.A.D.T.

DESIGN SPEED

CORPORATE LIMITS

LIMITED HIGHWAY EASEMENT

PROPOSED OR NEW R/W LINE

EXISTING RIGHT OF WAY

SLOPE INTERCEPT

REFERENCE LINE

EXISTING CULVERT

PROPOSED CULVERT

COMBUSTIBLE FLUIDS

WOODED OR SHRUB AREA

MARSH AREA

PROPERTY LINE

LOTLINE

D.H.V. D D

Miscellaneous Quantities

Standard Detail Drawings

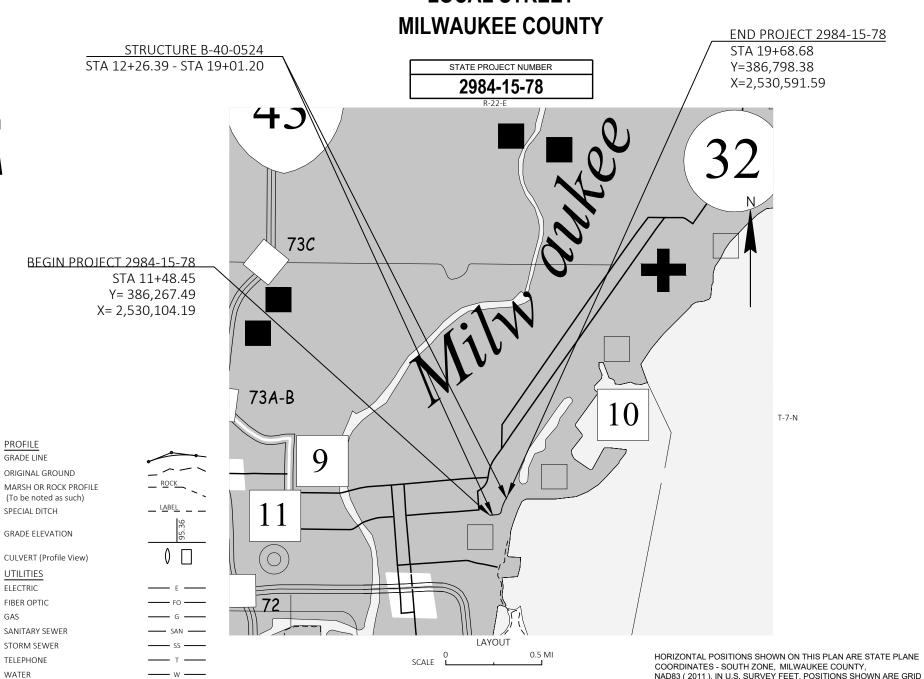
FEBRUARY 2025 STATE OF WISCONSIN ORDER OF SHEETS **DEPARTMENT OF TRANSPORTATION** Section No. Typical Sections and Details Section No. Estimate of Quantities

PLAN OF PROPOSED IMPROVEMENT

C MILWAUKEE - E MASON STREET

OVER LINCOLN MEMORIAL DR B-40-0524

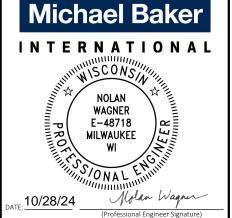
LOCAL STREET



FEDERAL PROJECT STATE PROJECT CONTRACT PROJECT WISC 2025317 2984-15-78 1



ORIGINAL PLANS PREPARED BY



ORIGINAL PLANS PREPARED BY



STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

PREPARED BY ONEIDA ENGINEERING SOLUTIONS Surveyor Designer Project Manage Regional Examiner

10/29/2024

ELEVATIONS ARE REFERENCED TO NAVD 88 (2012). GPS DERIVED **ELEVATIONS ARE BASED ON GEOID 18**

COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES

UTILITY PEDESTAL

POWER POLE

TOTAL NET LENGTH OF CENTERLINE = .155 MI

ARE THE SAME AS GROUND DISTANCES.

UTILITIES CONTACTS

CITY OF MILWAUKEE KEVIN MUHS, CITY ENGINEER 841 NORTH BROADWAY, ROOM 500 MILWAUKEE, WI 53202 PHONE: (414) 286-2400 EMAIL: KMUHS@MILWAUKEE.GOV

WE ENERGIES - ELECTRICAL NICHOLAS WELCH SR. PROJECTS SUPERVISOR - MAJOR PROJECTS W140 N9100 LILLY ROAD MENOMONEE FALLS, WL53051

PHONF: 414-791-0406

EMAIL: NICHOLAS.WELCH@WE-ENERGIES.COM

WISDOT CONTACT

MICHAEL BAIRD PROJECT MANAGER WISDOT SE REGION 141 NW BARSTOW STREET WAUKESHA, WI 53188 PHONE: (262) 548-5918

EMAIL: MICHAEL.BAIRD@DOT.WI.GOV

DESIGN CONTACT

BRETT PETERSON ONIEDA ENGINEERING SOLUTIONS, LLC (OES) 5100 EASTPARK BLVD, SUITE 300 MADISON, WI 53718 (608) 241-6710 BPETERSON@OESCGROUP.COM

MICHAEL BAKER INTERNATIONAL JASON SADOWSKI 250 E. WISCONSIN AVE, SUITE 1725 MILWAUKEE, WI 53202 PHONE: (414) 751-9986 EMAIL: JASON.SADOWSKI@MBAKERINTL.COM

CITY OF MILWAUKEE

KEVIN MUHS, CITY ENGINEER 841 NORTH BROADWAY, ROOM 500 MILWAUKEE, WI 53202 EMAIL: KMUHS@MILWAUKEE.GOV

WAR MEMORIAL CENTER

DANIFI BUTTERY, PRESIDENT & CEO 750 NORTH LINCOLN MEMORIAL DRIVE, SUITE 315 MILWAUKEE, WI 53202 PHONE: (414) 273-5533

EMAIL: DBUTTERY@WARMEMORIALCENTER.ORG

MILWAUKEE COUNTY

ANDREA J WEDDLE-HENNING, PE DIRECTOR OF TRANSPORTATION ENGINEERING TRANSPORTATION SERVICES DIVISION 10930 W LAPHAM STREET WEST ALLIS, WI 53214 PHONE: (414) 257-5934 EMAIL:ANDRÉA.WEDDLE-HENNING@MILWAUKEECOUNTYWI.GOV

EDUARDO SANTIAGO HIGHWAY MAINTENANCE DIRECTOR 10320 W. WATERTOWN PLANK RD. 1ST FLOOR WAUWATOSA, WI 53226 PHONE: (414) 257-4563

EMAIL: EDUARDO.SANTIAGO@MILWAUKEECOUNTYWI.GO

MILWAUKEE COUNTY PARKS

CHRIS KUBACKI MANAGER OF PLANNING & DEVELOPMENT 9480 WATERTOWN PLANK RD WAUWATOSA, WI 53226 PHONE: (414) 257-7389

EMAIL: CHRIS.KUBACKI@MILWAUKEECOUNTYWI.GOV

BLAKE PRUSAK PARKS INFRASTRUCTURE MANAGER 9480 WATERTOWN PLANK ROAD WAUWATOSA, WI 53226 PHONF: (414) 257-5081

EMAIL: PARKSHOTLINE@MILWAUKEECOUNTYWI.GOV

DNR CONTACT

RYAN PAPPAS DNR SOUTHEAST REGION HEADQUARTERS 1027 WEST PAUL AVE MILWAUKEE, WI 53233 PHONE: (414) 750-7495 EMAIL: RYAN.PAPPAS@WISCONSIN.GOV

GENERAL NOTES

NO TREES AND/OR SHRUBS ARE TO BE REMOVED WITHOUT THE APPROVAL OF THE FNGINFFR.

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. IT IS THE CONTRACTORS RESPONSIBILITY TO HAVE ALL UTILITIES LOCATED BEFORE EXCAVATIONS.

DISTANCES SHOWN FOR CURB AND GUTTER ARE MEASURED ALONG THE FLOW LINE.

EXPANSION JOINTS SHALL BE CONSTRUCTED AT ALL RADIUS POINTS IN CURB AND GUTTER.

CONSTRUCTION JOINTS IN CURB AND GUTTER SHALL BE SPACED AT 15 FEET MINIMUM.

THE QUANTITY OF THE ITEMS LOWER AND UPPER COURSE ARE MEASURED FOR PAYMENT BY THE TON. THE DEPTH OR THICKNESS OF THE COURSE SHOWN ON THE PLANS IS APPROXIMATE AND THE ACTUAL THICKNESS WILL DEPEND UPON THE DISTRIBUTION OF MATERIAL AS DIRECTED BY THE ENGINEER.

THE EXACT LOCATION OF EROSION CONTROL DEVICES SHALL BE DETERMINED IN THE FIELD, AND AS DIRECTED BY THE ENGINEER.

INLET PROTECTION. TYPE C SHALL BE USED ON ALL INLETS.

A VERTICAL SAW CUT SHALL BE MADE THROUGH EXISTING PAVEMENT AT MATCHES.

ALL PROPOSED ELEVATIONS AND TIE-IN POINTS REQUIRE FIELD VERIFICATION BY THE

APPLY TACK COAT AT A RATE OF 0.07 GAL/SY TO MILLED PAVEMENT SURFACES AND EXISTING PAVEMENT SURFACES AND 0.05 GAL/SY BETWEEN LAYERS OF NEW HMA

HMA PAVEMENT WEIGHT CALCULATIONS ARE BASED ON 112 LB/SY/IN.

CONTRACTOR WILL BE RESPONSIBLE FOR RESHAPING AND SEEDING ANY PREVIOUSLY GRASSED AREAS WHICH ARE DISTURBED BY HIS OPERATION OUTSIDE OF NORMAL CONSTRUCTION LIMITS

CONSTRUCT INSIDE EDGE OF SIDEWALK 1/2 INCH HIGHER THAN TOP OF CURB WHEN THEY ARE ADJACENT TO EACH OTHER.

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

ORDER OF SECTION 2 DETAIL SHEETS

GENERAL NOTES PROJECT OVERVIEW TYPICAL SECTIONS CONSTRUCTION DETAILS REMOVAL PLAN PLAN DETAILS **EROSION CONTROL** PERMANENT SIGNING AND PAVEMENT MARKING TRAFFIC CONTROL DETOUR PLAN ALIGNMENT DETAILS ALIGNMENT LAYOUT - SURVEY CONTROL

AGG - AGGREGATE AADT - AVERAGE ANNUAL DAILY TRAFFIC ASPH - ASPHALTIC BAD - BASE AGGREGATE DENSE BM - BENCH MARK CB - CATCH BASIN CL OR C/L - CENTER LINE CONC - CONCRETE CONST - CONSTRUCTION CP - CONTROL POINT CO - COUNTY CY - CUBIC YARD C & G - CURB AND GUTTER Λ - DFITA D - DEGREE OF CURVE DHV - DESIGN HOUR VOLUME DIA - DIAMETER DD - DIRECTIONAL DISTRIBUTION EA - EACH EB - EASTBOUND

EL OR E/L - ELEVATION

12/4/2024 8:20 AM

EXT - EXISTING

FSALS - FOUIVALENT SINGLE AXLE LOADS FE - FIELD ENTRANCE

STANDARD ABBREVIATIONS

HMA - HOT MIX ASPHALT

INL - INLET IIH - INTERSTATE HIGHWAY INV - INVERT JT - JOINT LT - LEFT L - LENGTH OF CURVE LF - LINEAR FOOT LS - LUMP SUM MAX - MAXIMUM MIN - MINMUM

FT - FOOT

MGAL - ONE THOUSAND GALLONS ML OR M/L - MATCH LINE NC - NORMAL CROWN PAVT - PAVEMENT PC - POINT OF CURVATURE PI - POINT OF INTERSECTION PCC - PORTLAND CEMENT CONCRETE IB - POUND

PROJ - PROJECT PL - PROPERTY LINE

PRW - PROPOSED RIGHT OF WAY R - RADIUS OF CURVE RL OR R/L - REFERENCE LINE REQD - REQUIRED R/W - RIGHT OF WAY RD - ROAD RDWY - ROADWAY SHLD - SHOULDER SPECS - SPECIFICATIONS SF - SQUARE FOOT SY - SQUARE YARDS SDD - STANDARD DETAIL DRAWING STA - STATION SE - SUPER ELEVATION SEG - SEGMENT

T - TRUCK (PERCENT OF) TYP - TYPICAL V - VELOCITY OR DESIGN SPEED VAR - VARIABLE

WB - WESTBOUND

PROJECT NO: 2984-15-78 **HWY: LOCAL STREET**

P:\2023 PROJECTS\5023038 - WISDOT - MASON STREET\DESIGN\CIVIL3D\29841508\SHEETS\020101-GN.DWG

Dial **(800)** 242-8511

www.DiggersHotline.com

GENERAL NOTES

BRETT PETERSON

PLOT NAME

PLOT SCALE :

SHEET

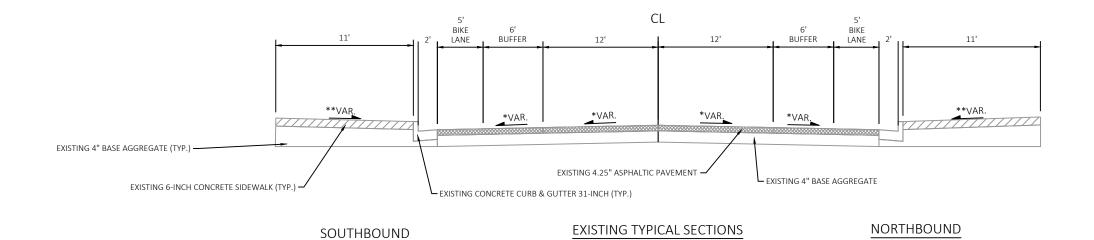
Ε

PLOT BY:

COUNTY: MILWAUKEE

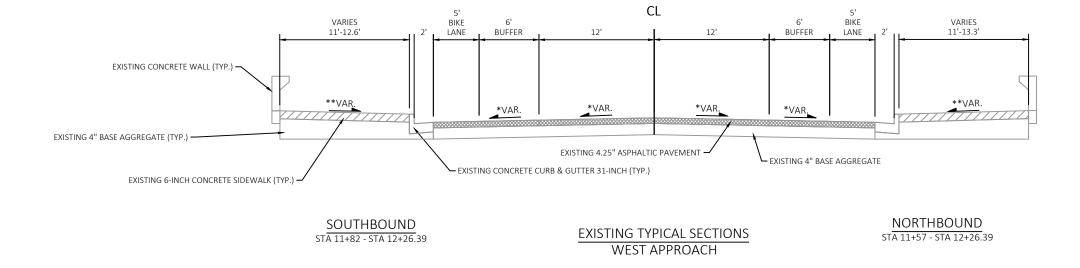


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STA 11+48.45 - STA 11+82

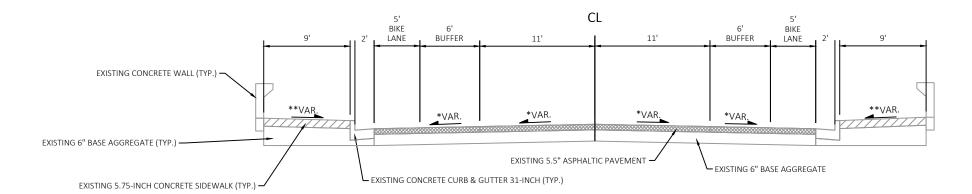
- * ROADWAY CROSS SLOPES VARY. 2% NORMAL CROSS SLOPE.
- ** SIDEWALK CROSS SLOPES VARY. 1.5% NORMAL CROSS SLOPE, 2% MAXIMUM CROSS SLOPE.



Ε PROJECT NO: 2984-15-78 **HWY: LOCAL STREET** COUNTY: MILWAUKEE **EXISTING TYPICAL SECTIONS** SHEET FILE NAME : P:\2023 PROJECTS\5023038 - WISDOT - MASON STREET\DESIGN\CIVIL3D\29841508\SHEETS\020301-TS.DWG PLOT DATE : 7/18/2024 4:15 PM PLOT BY: MATTHEW KOZIAR PLOT SCALE :

WEST APPROACH

STA 11+48.45 - STA 11+57



EXISTING TYPICAL SECTIONS EAST APPROACH

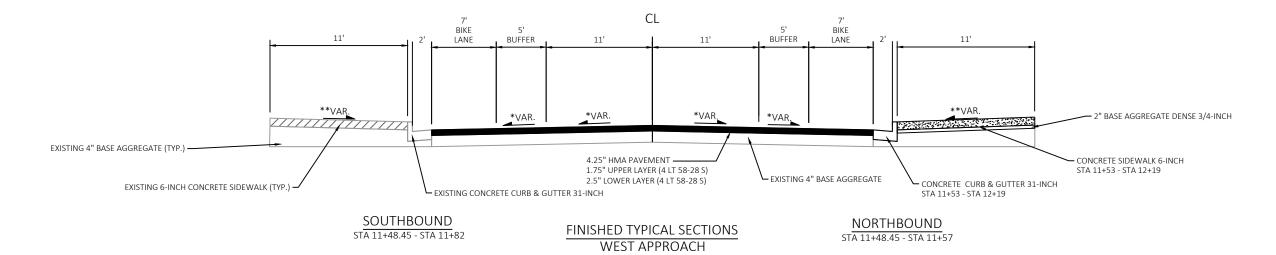
STA 19+01.20 - STA 19+68.68

- * ROADWAY CROSS SLOPES VARY. 2% NORMAL CROSS SLOPE.
- ** SIDEWALK CROSS SLOPES VARY. 1.5% NORMAL CROSS SLOPE, 2% MAXIMUM CROSS SLOPE.

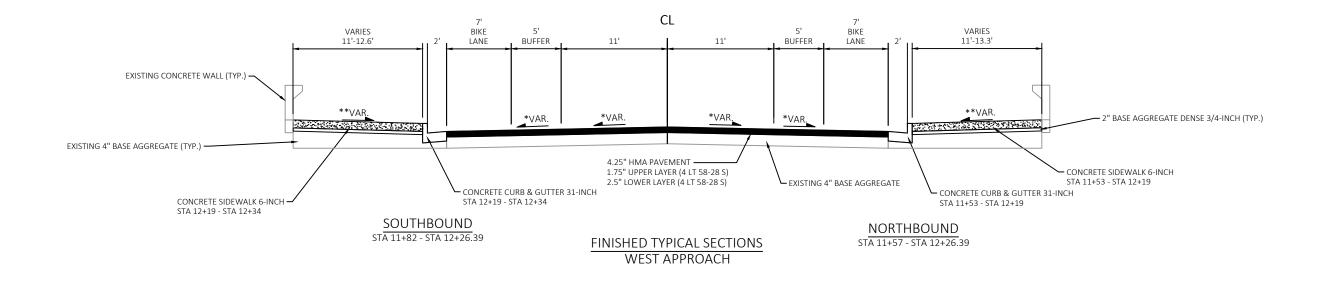
PROJECT NO: 2984-15-78 Ε COUNTY: MILWAUKEE SHEET HWY: LOCAL STREET EXISTING TYPICAL SECTIONS

7/18/2024 4:15 PM

FILE NAME :



- * ROADWAY CROSS SLOPES VARY. 2% NORMAL CROSS SLOPE.
- ** SIDEWALK CROSS SLOPES VARY. 1.5% NORMAL CROSS SLOPE, 2% MAXIMUM CROSS SLOPE.

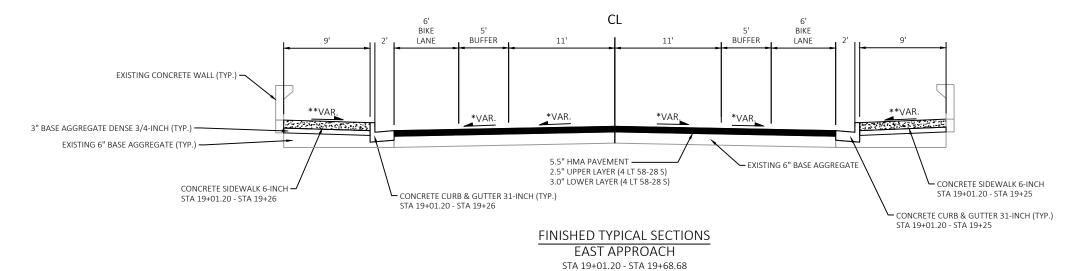


PROJECT NO: 2984-15-78 HWY: LOCAL STREET COUNTY: MILWAUKEE FINISHED TYPICAL SECTIONS

FILE NAME: P:\2003 PROJECTS\50233038 - WISDOT - MASON STREET\DESIGN\CIVIL3D\29841508\SHEETS\020301-TS.DWG

P\\ \text{PIOT DATE: 7/18/2024 4:15 PM PLOT BY: MATTHEW KOZIAR PLOT NAME: 03 WISDOT/CADDS SHEET 42 WISDOT/CADDS SHE

LAYOUT NAME - 03

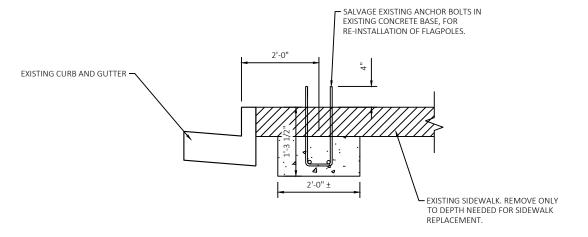


- * ROADWAY CROSS SLOPES VARY. 2% NORMAL CROSS SLOPE.
- ** SIDEWALK CROSS SLOPES VARY. 1.5% NORMAL CROSS SLOPE, 2% MAXIMUM CROSS SLOPE.

PROJECT NO: 2984-15-78 FINISHED TYPICAL SECTIONS Ε **HWY: LOCAL STREET** COUNTY: MILWAUKEE SHEET P:\2023 PROJECTS\5023038 - WISDOT - MASON STREET\DESIGN\CIVIL3D\29841508\SHEETS\020301-TS.DWG LAYOUT NAME - 04 FILE NAME :

2

2



FLAG POLE ANCHORAGE DETAIL - APPROACH

PROJECT NO: 2984-15-78 HWY: LOCAL STREET COUNTY: MILWAUKEE CONSTRUCTION DETAIL SHEET **E**

P:\2023 PROJECTS\5023038 - WISDOT - MASON STREET\DESIGN\CIVIL3D\29841508\SHEETS\021001-CD.DWG LAYOUT NAME - 01

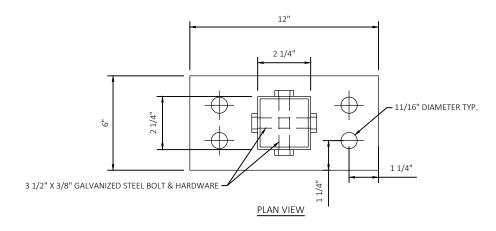
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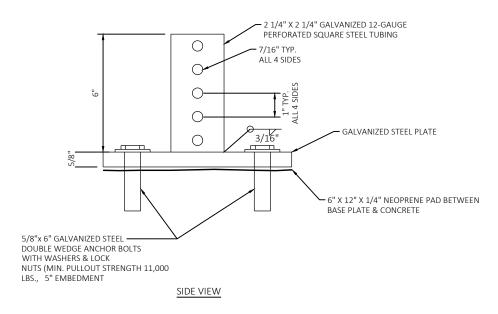
PLOT DATE : 7/18/2024 4:17 PM

WISDOT/CADDS SHEET 42

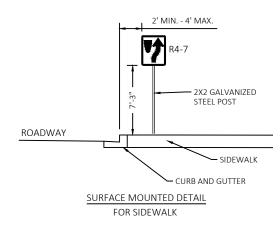
MOUNTING DETAILS FOR SIGN MOUNTED TO SIDEWALK

SIDEWALK SIGN BRACKET ASSEMBLY (NOT TO SCALE)





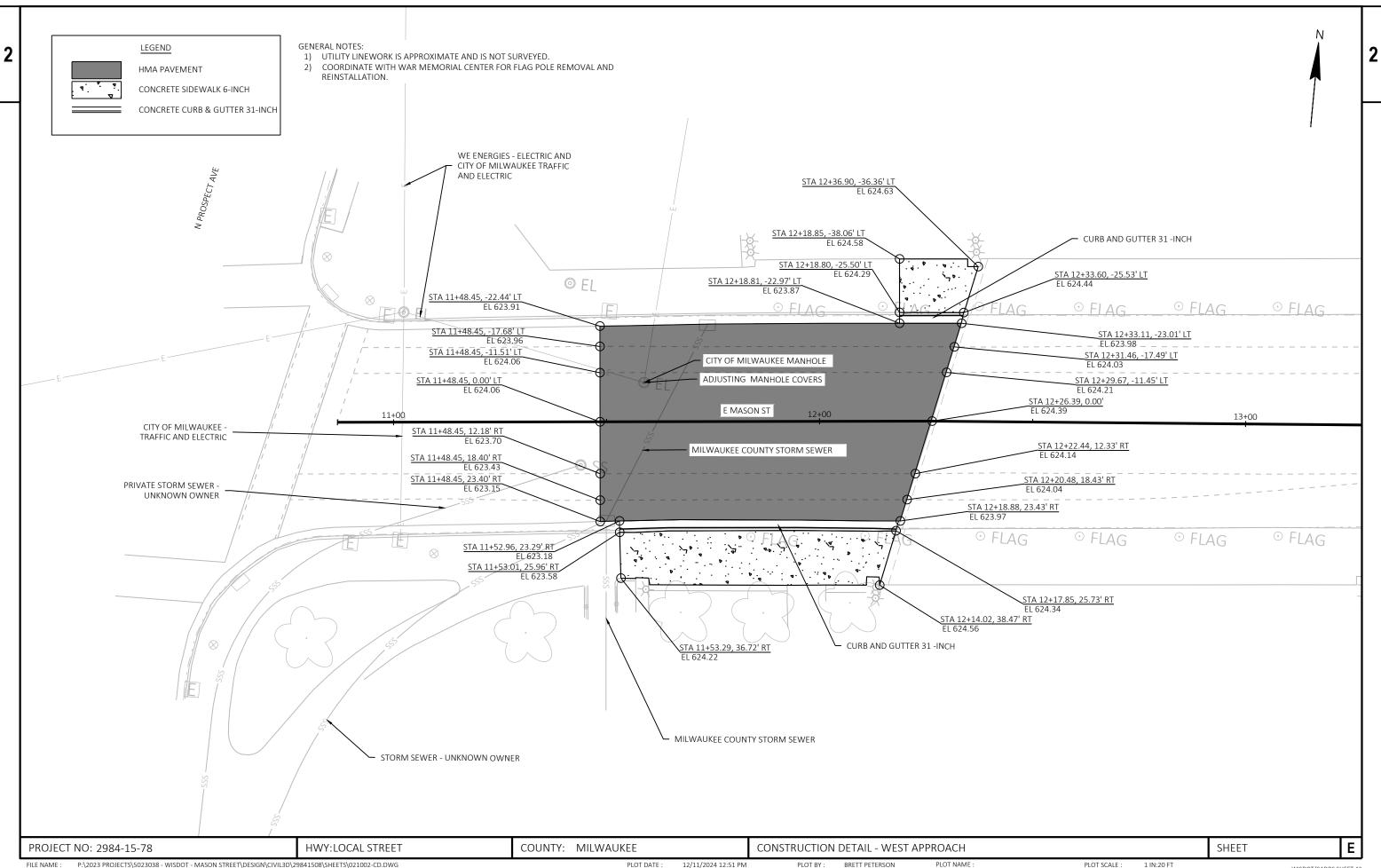
EXAMPLE



NOTES:

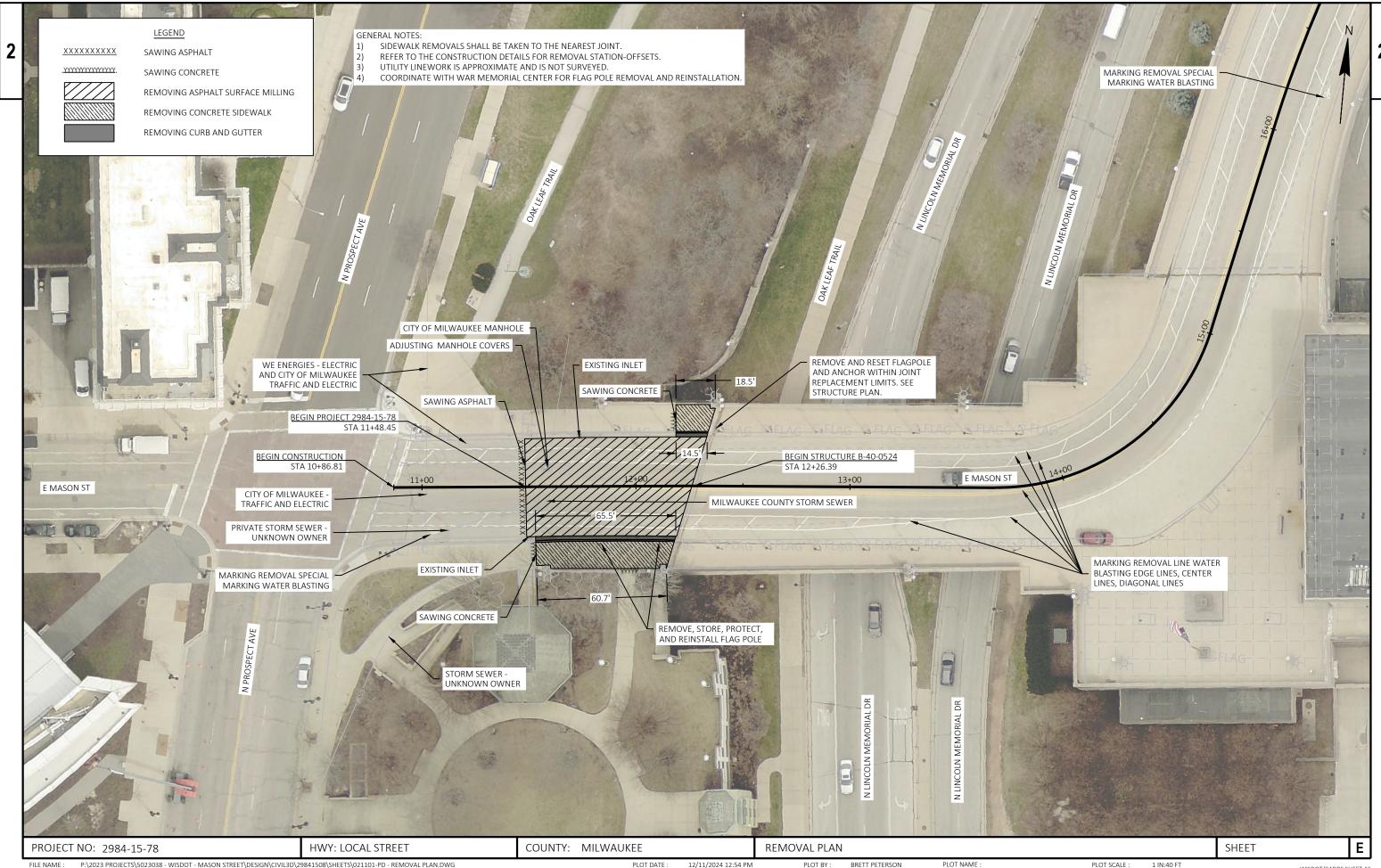
- 1. ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH STANDARD SPECIFICATION
- 2. ALL MATERIAL TO BE APPROVED BY ENGINEER BEFORE INSTALLATION
- 3. SEE SIGN PLATE A4-8 AND A4-9 FOR BOLT REQUIREMENTS
- 4. MOUNTING IS INCIDENTAL TO THE POST INSTALLATION

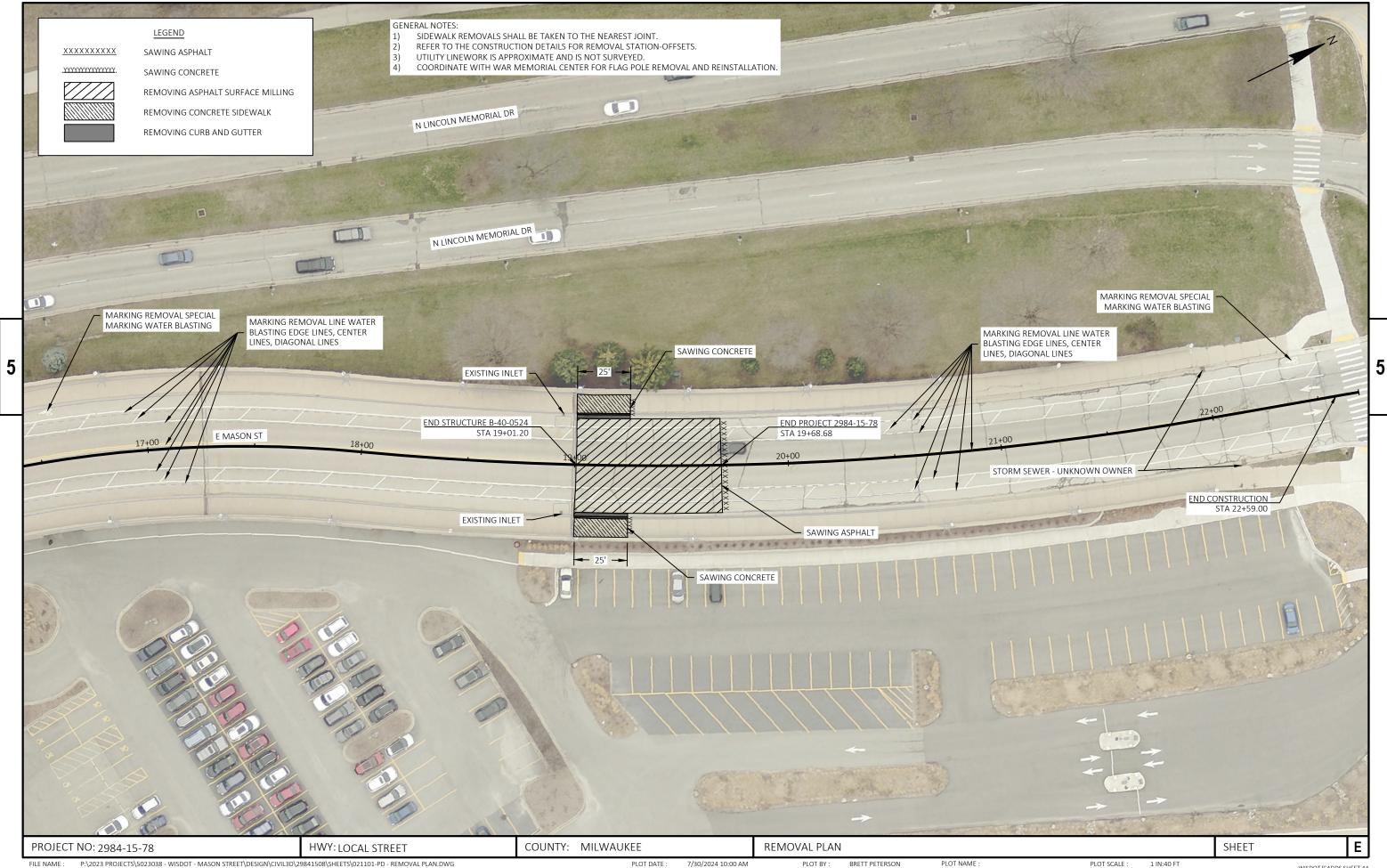
COUNTY: MILWAUKEE Ε PROJECT NO: 2984-15-78 HWY: LOCAL STREET CONSTRUCTION DETAIL SHEET

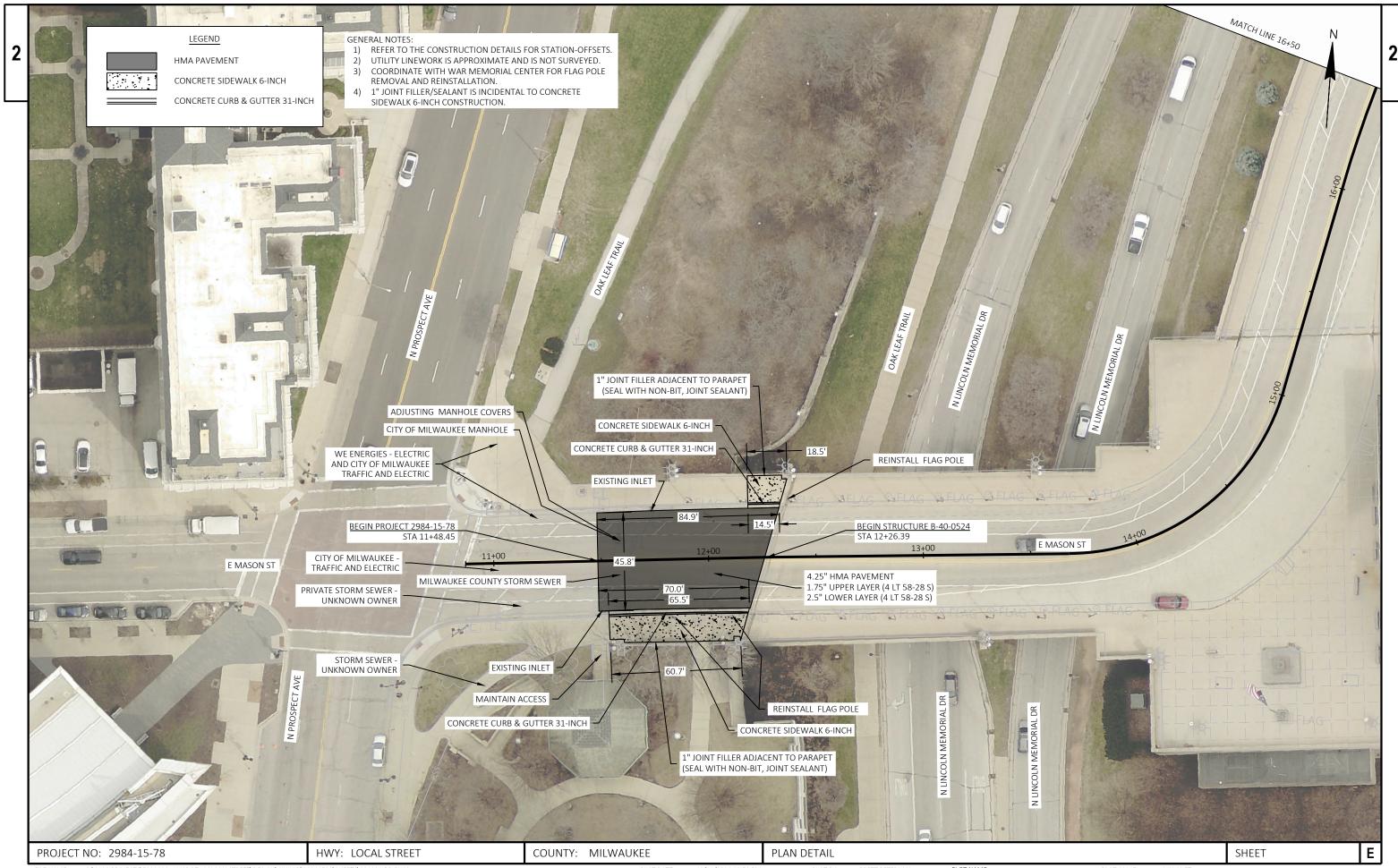


PLOT BY: BRETT PETERSON

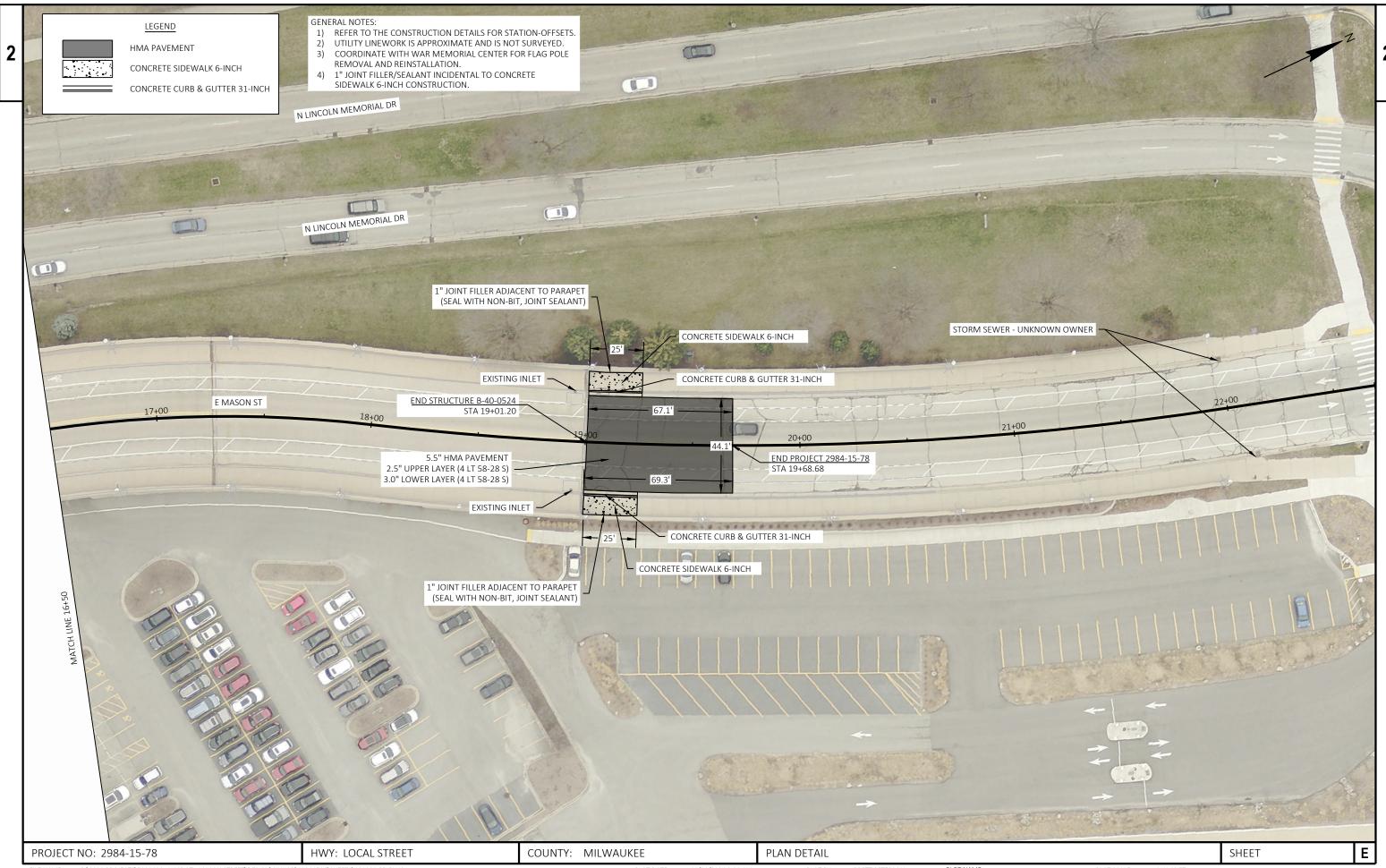
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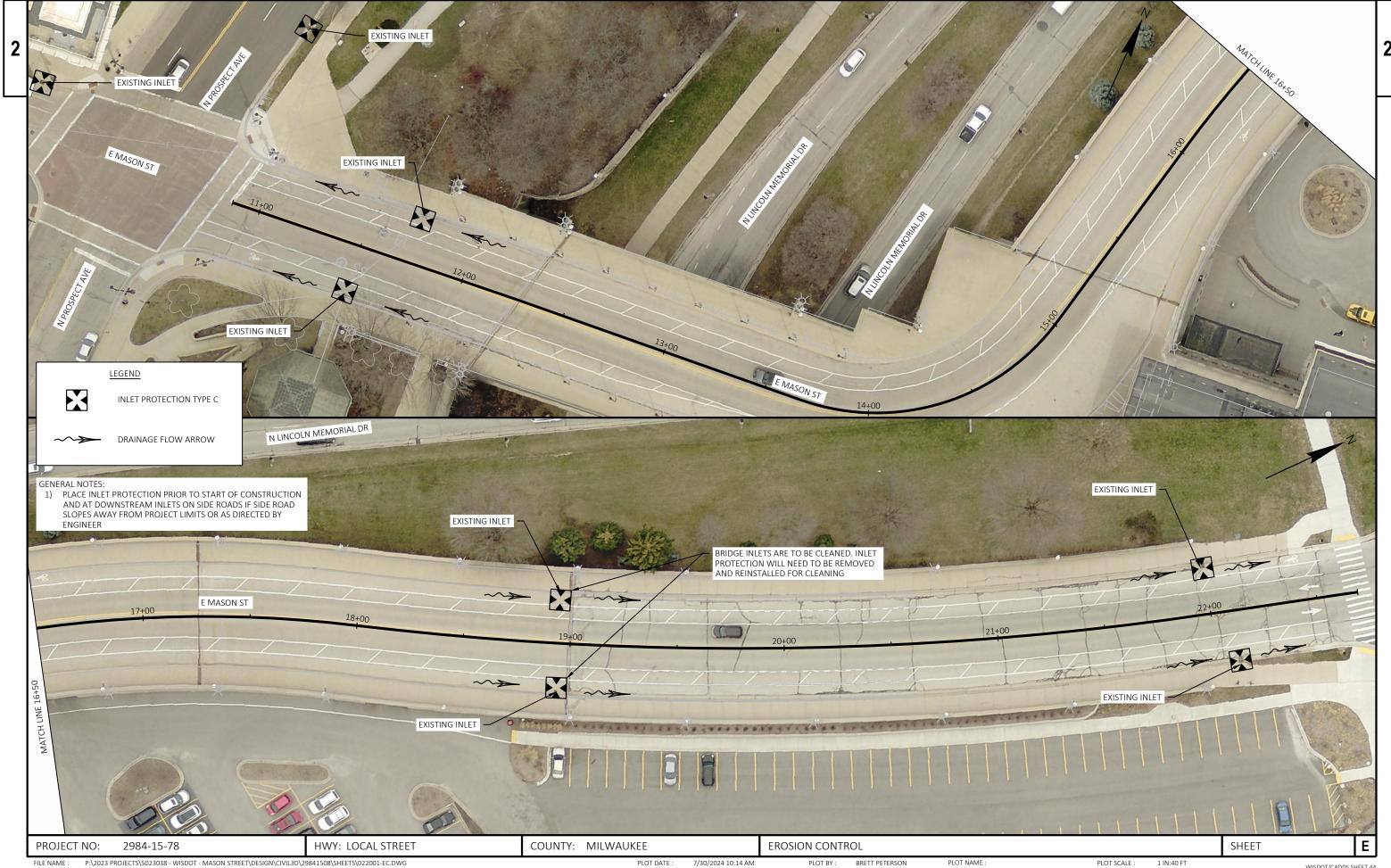




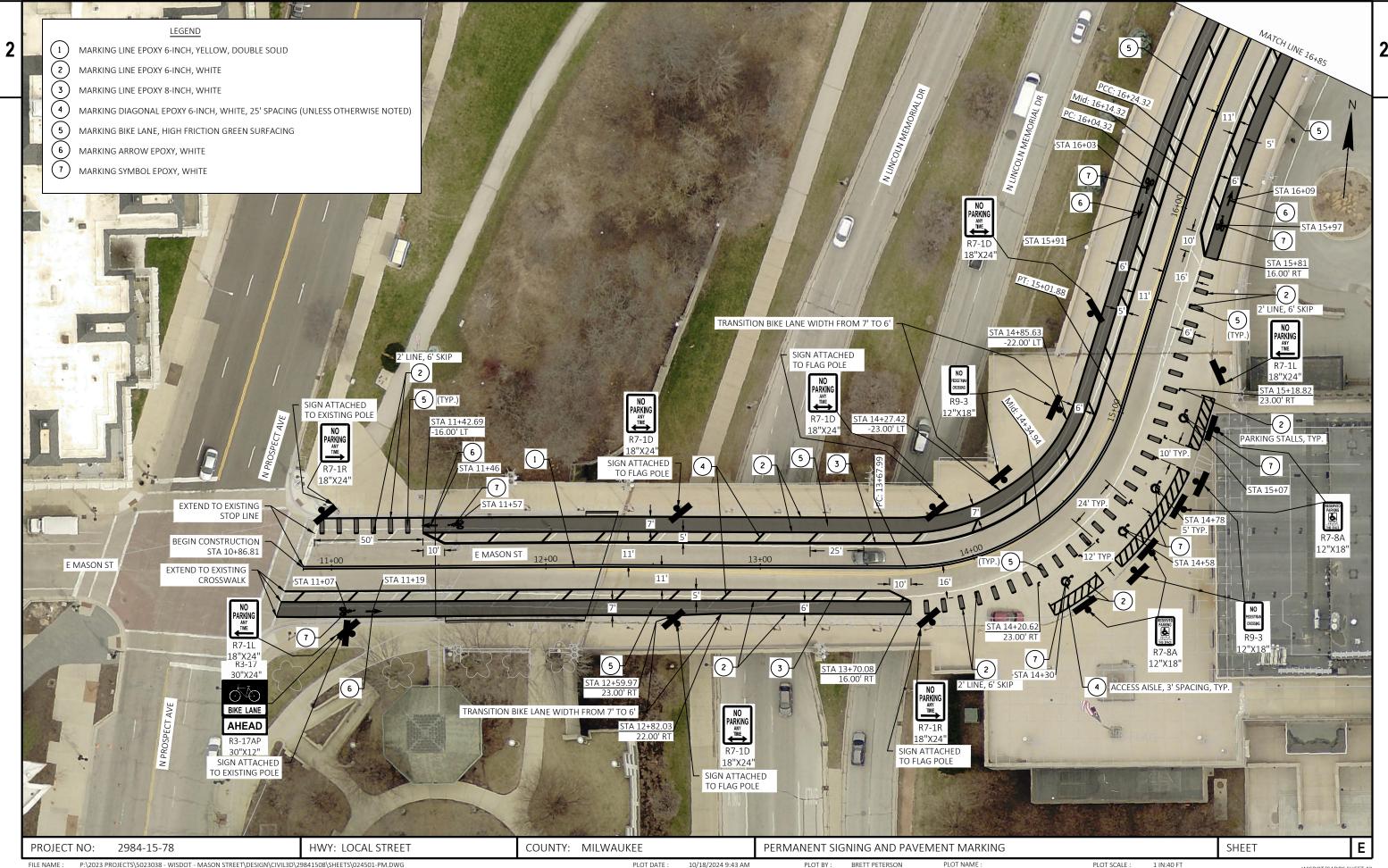
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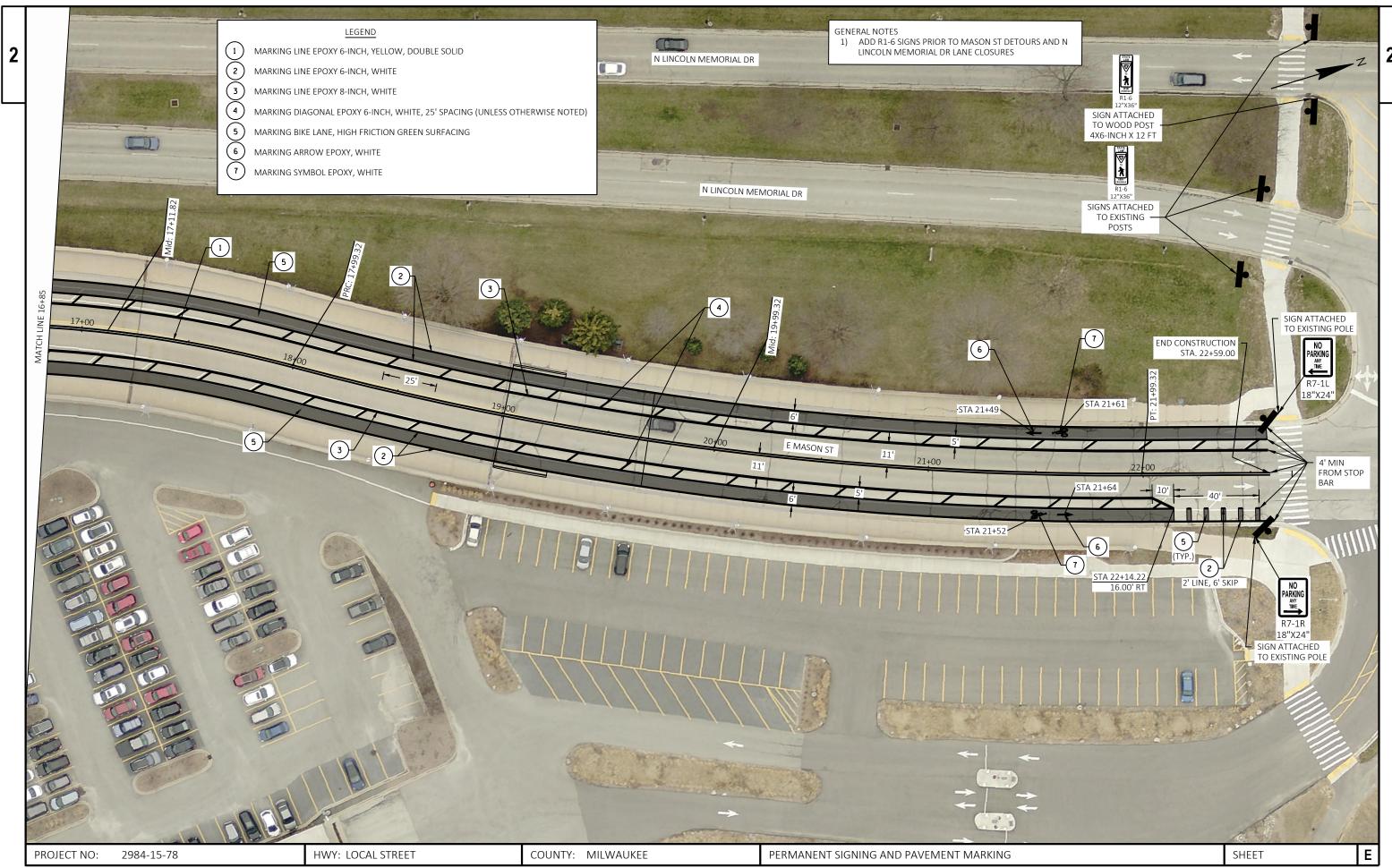


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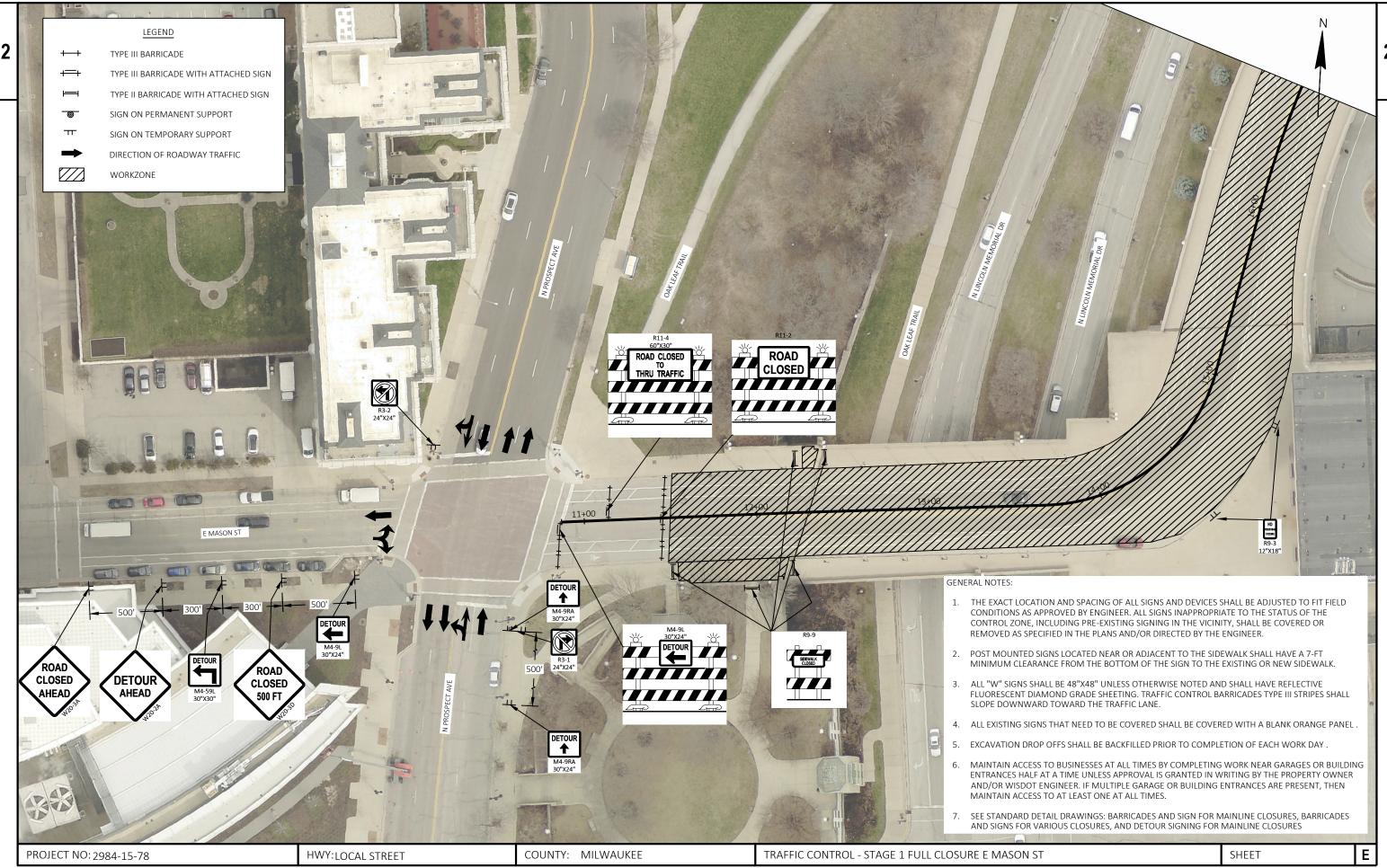


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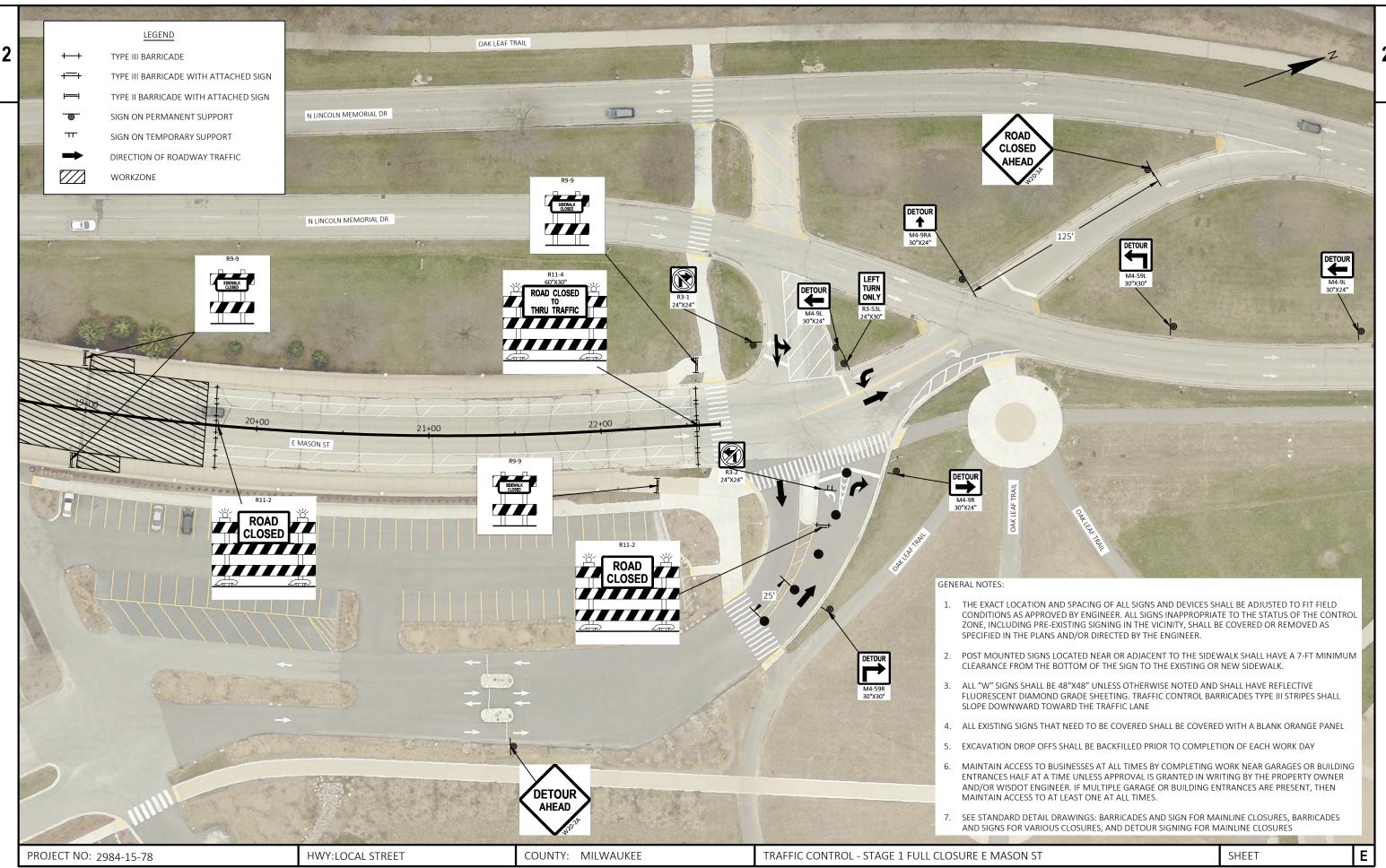




WISDOT/CADDS SHEET 42

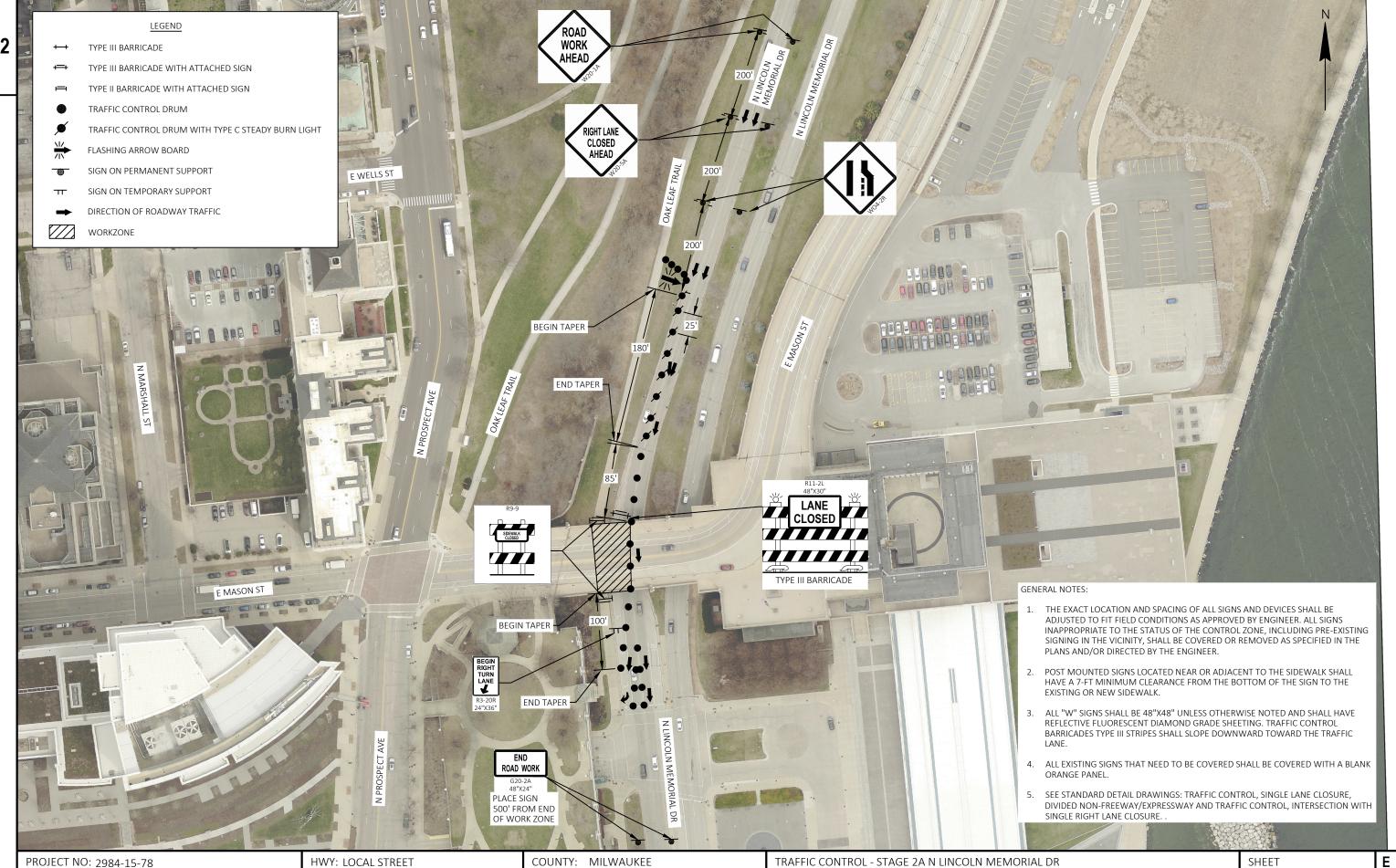


FILE NAME: P:\2023 PROJECTS\5023038 - WISDOT - MASON STREET\DESIGN\CIVIL3D\29841508\SHEETS\025100-TC.DWG PLOT DATE: 7/30/2024 10:47 AM PLOT BY: BRETT PETERSON PLOT NAME: 1 IN:50 FT WISDOT/CADDS SHEET 42



FILE NAME: P:\2023 PROJECTS\5023038 - WISDOT - MASON STREET\DESIGN\CIVIL3D\29841508\SHEETS\025100-TC.DWG PLOT DATE: 7/30/2024 10:48 AM PLOT BY: BRETT PETERSON PLOT NAME: PLOT NAME: 1 IN:50 FT WISDOT/CADDS SHEET 42 WISDOT/CADDS SHEET 42





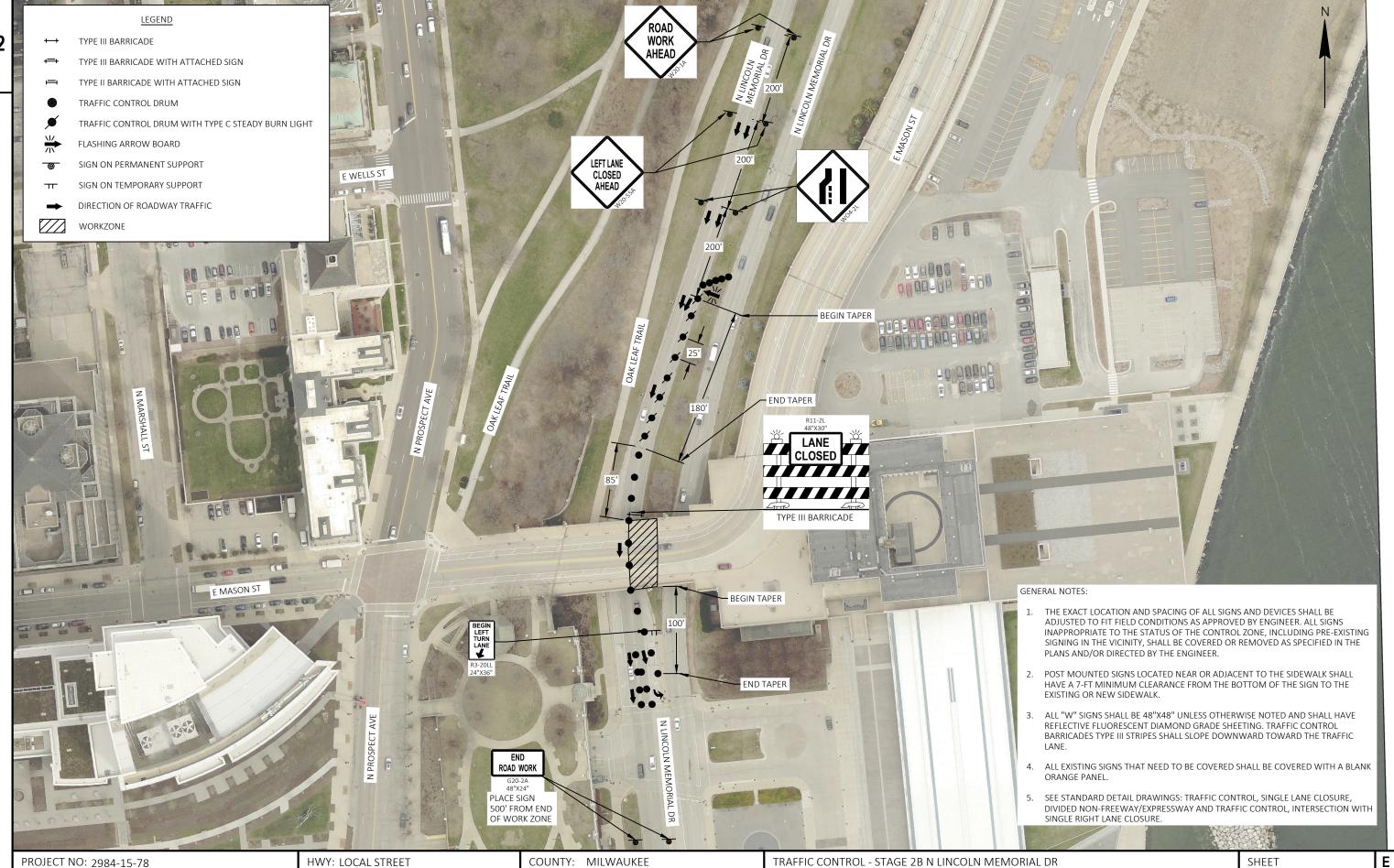
FILE NAME :

PLOT DATE: 7/30/2024 10:52 AM PLOT BY:

PLOT NAME :

PLOT SCALE :





P:\2023 PROJECTS\5023038 - WISDOT - MASON STREET\DESIGN\CIVIL3D\29841508\SHEET\025102-TC (LINCOLN MEMORIAL DR).DWG FILE NAME :

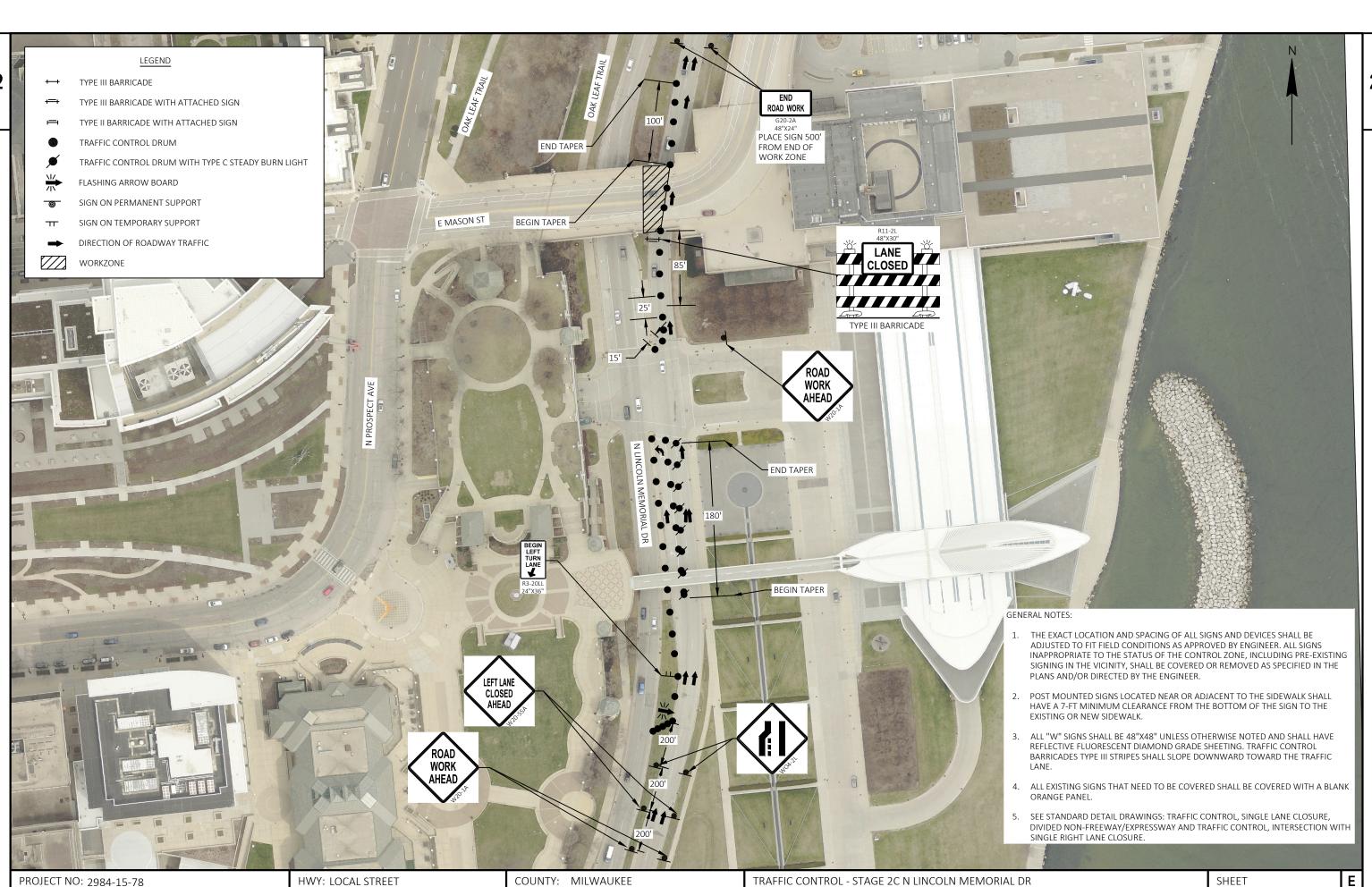
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7/30/2024 10:59 AM

PLOT BY:

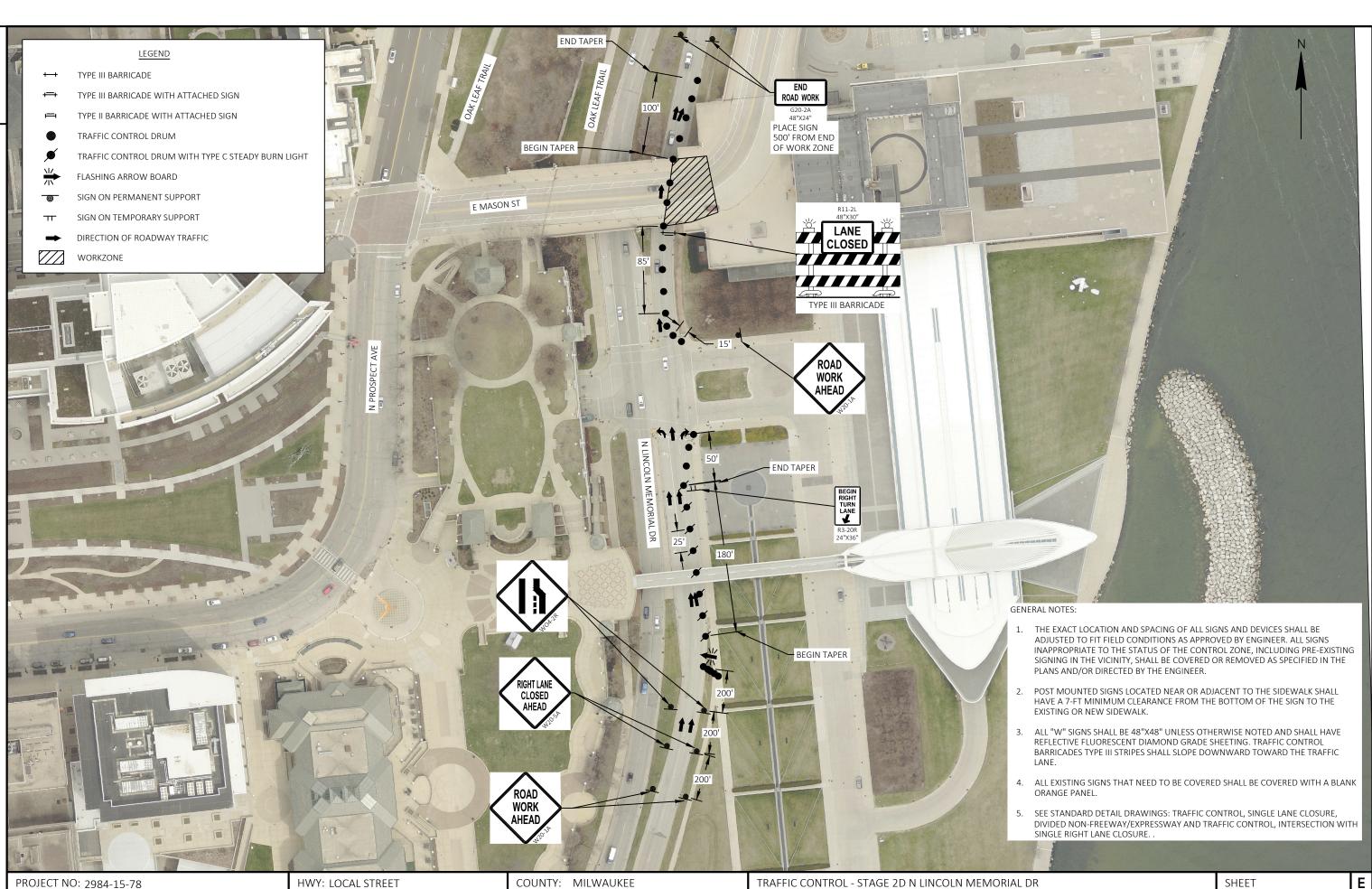
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PLOT SCALE :



P:\2023 PROJECTS\5023038 - WISDOT - MASON STREET\DESIGN\CIVIL3D\29841508\SHEETS\025103-TC (LINCOLN MEMORIAL DR).DWG FILE NAME :

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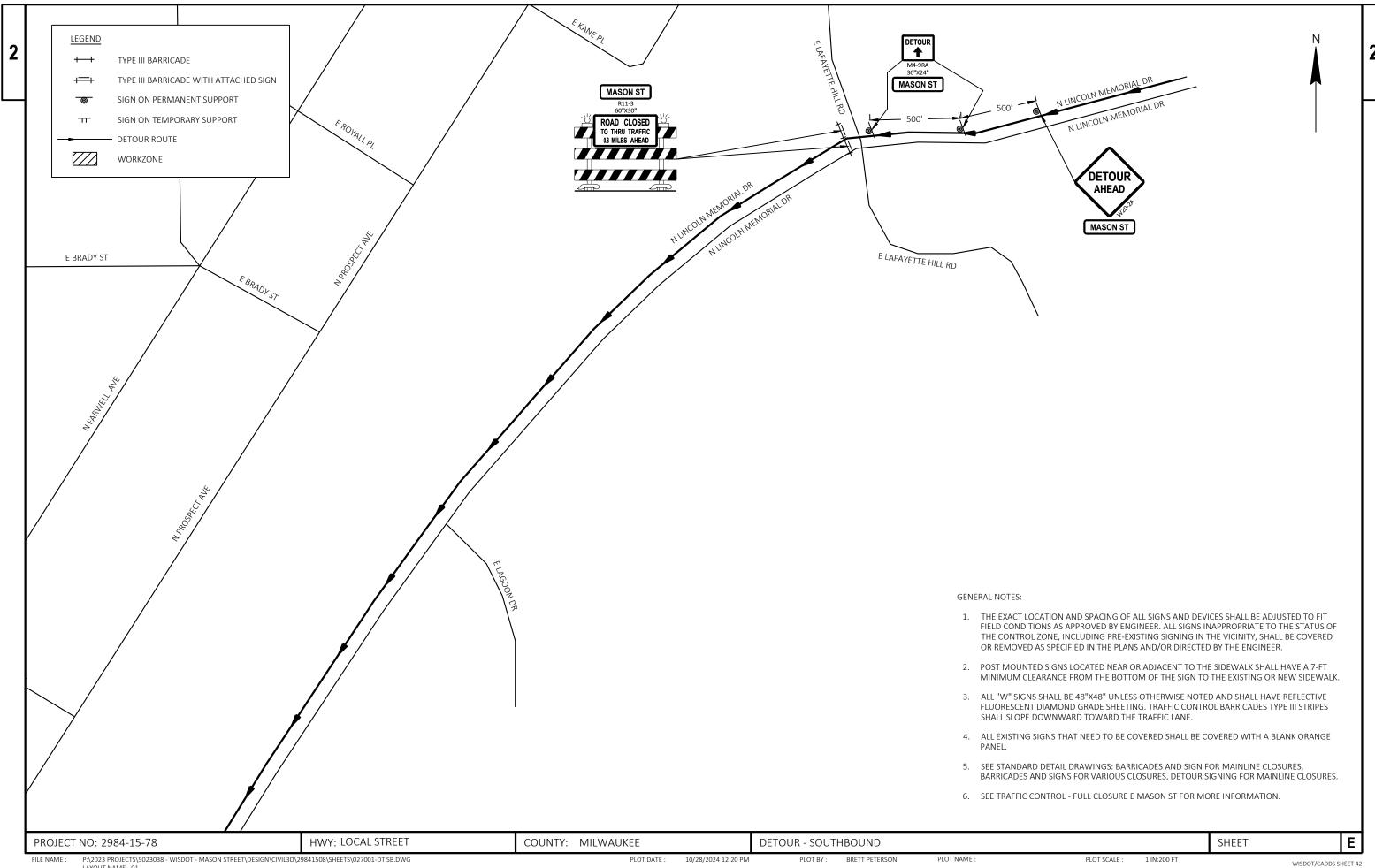
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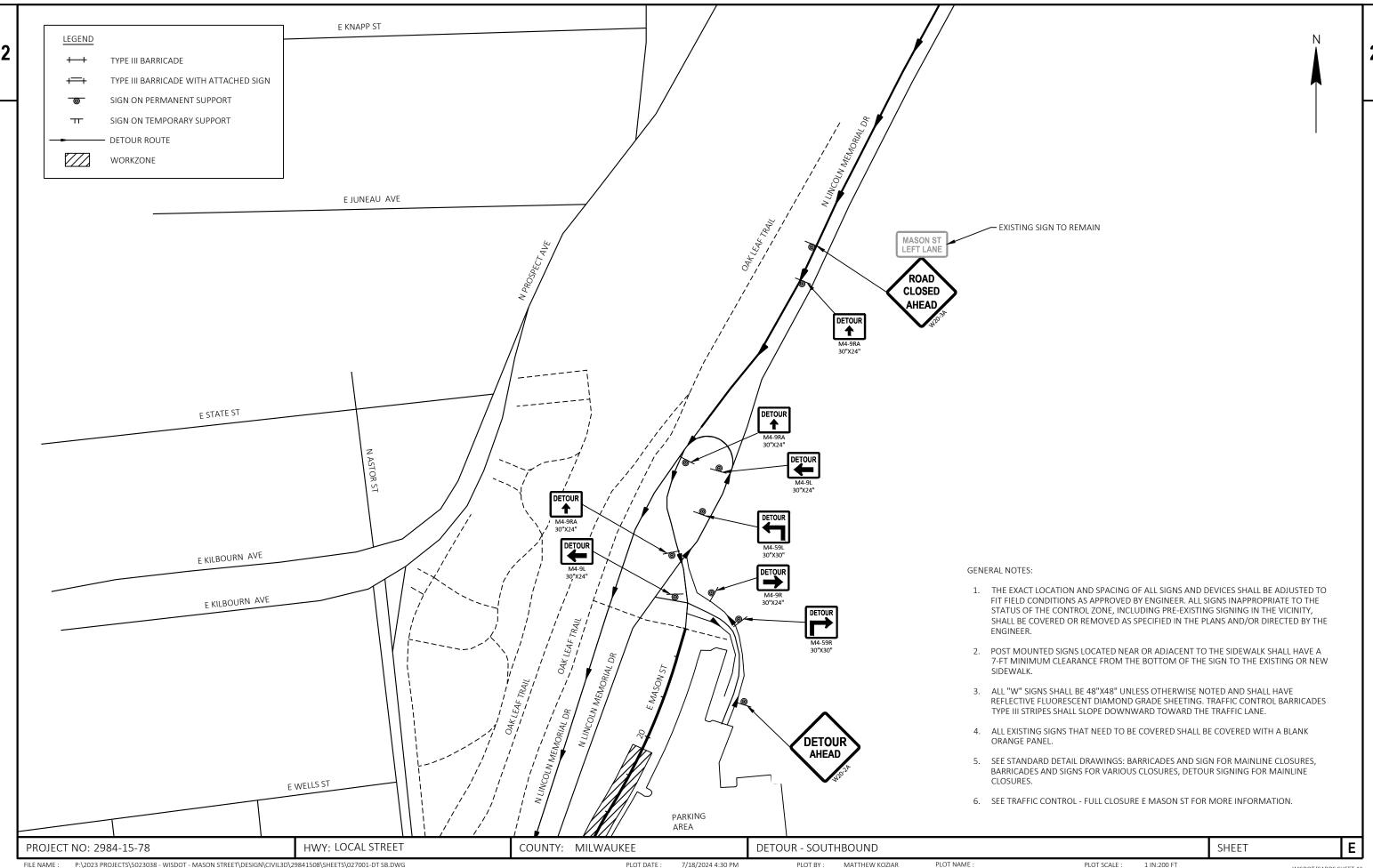
PLOT BY:

BRETT PETERSON

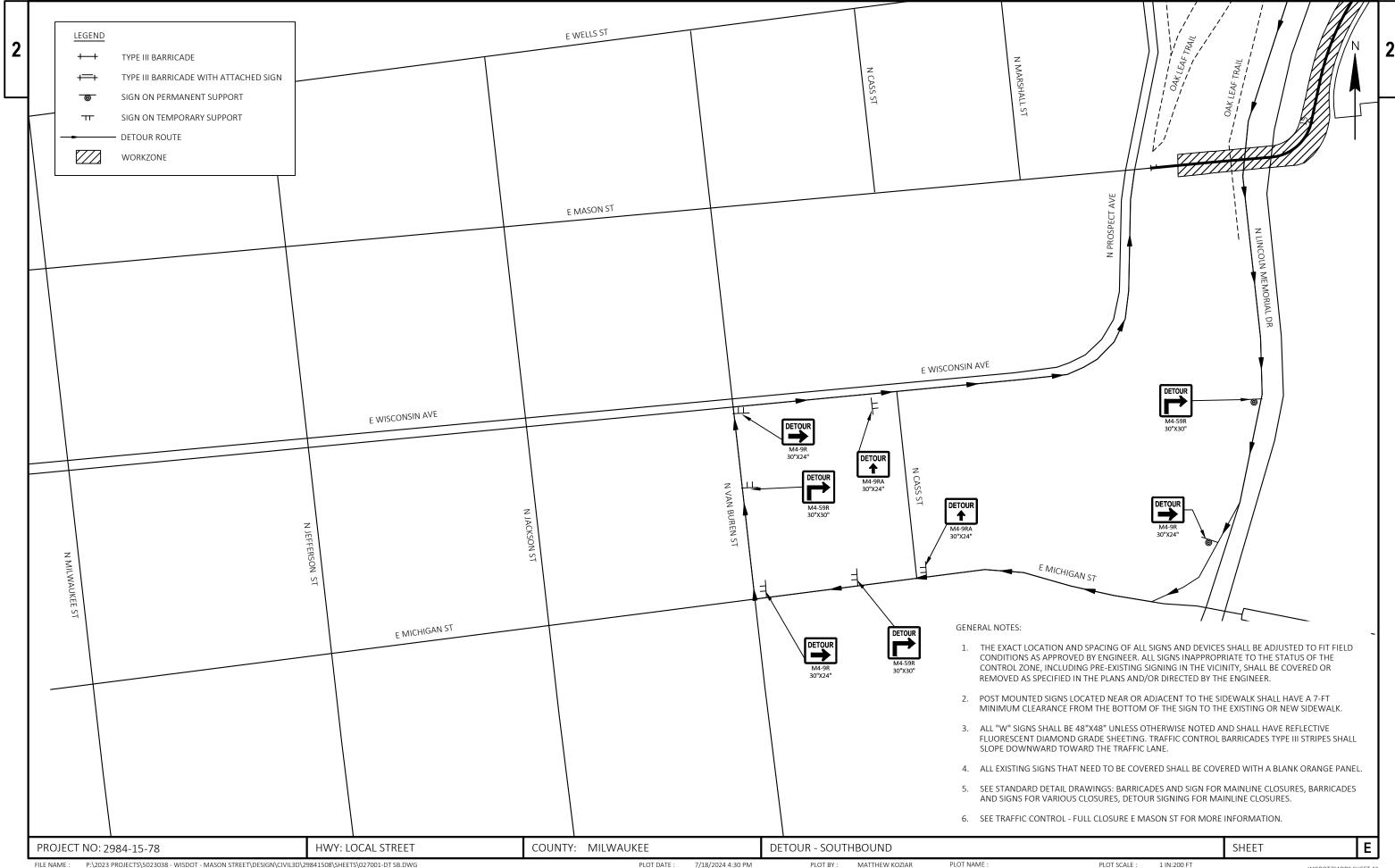
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7/30/2024 11:08 AM

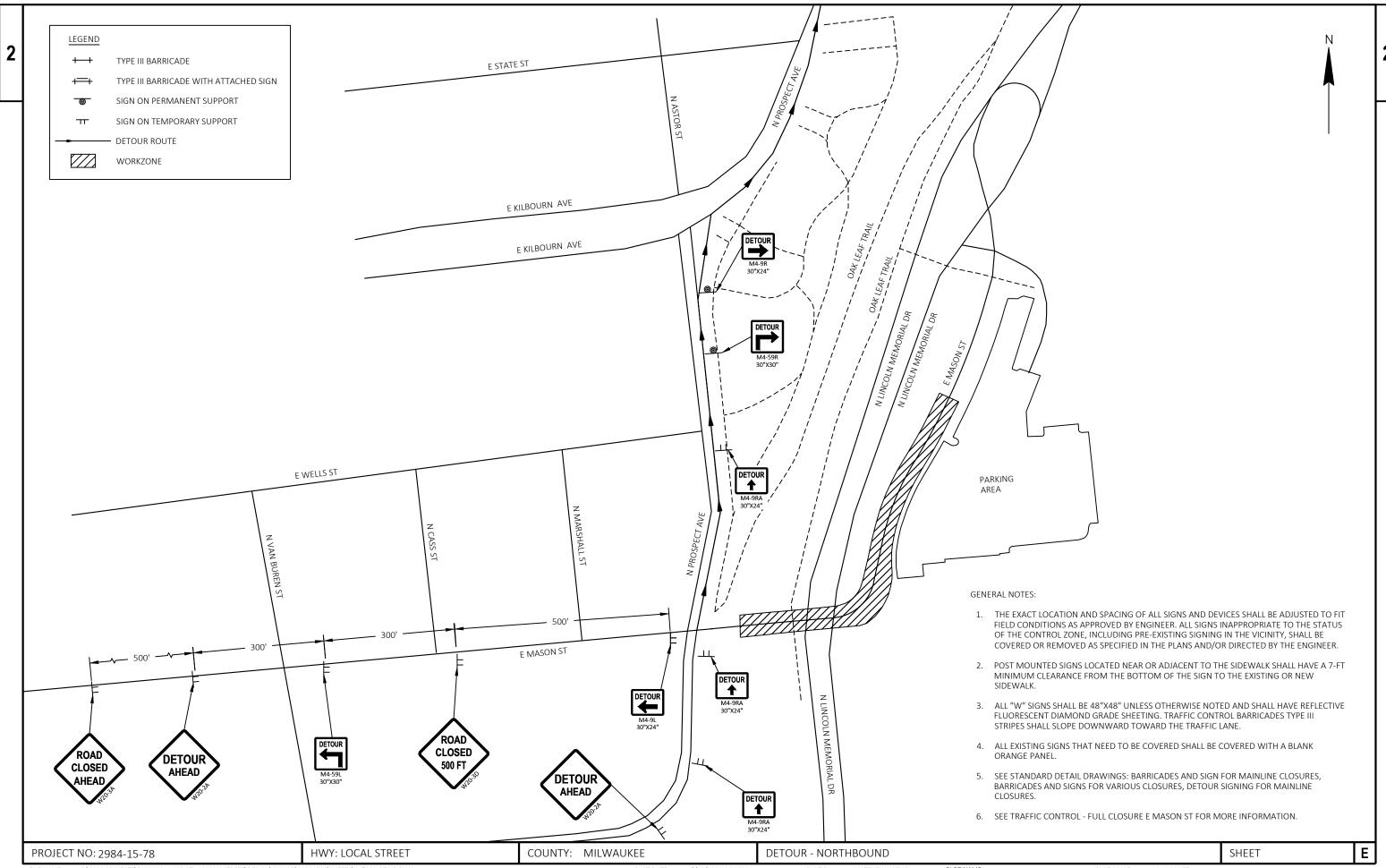


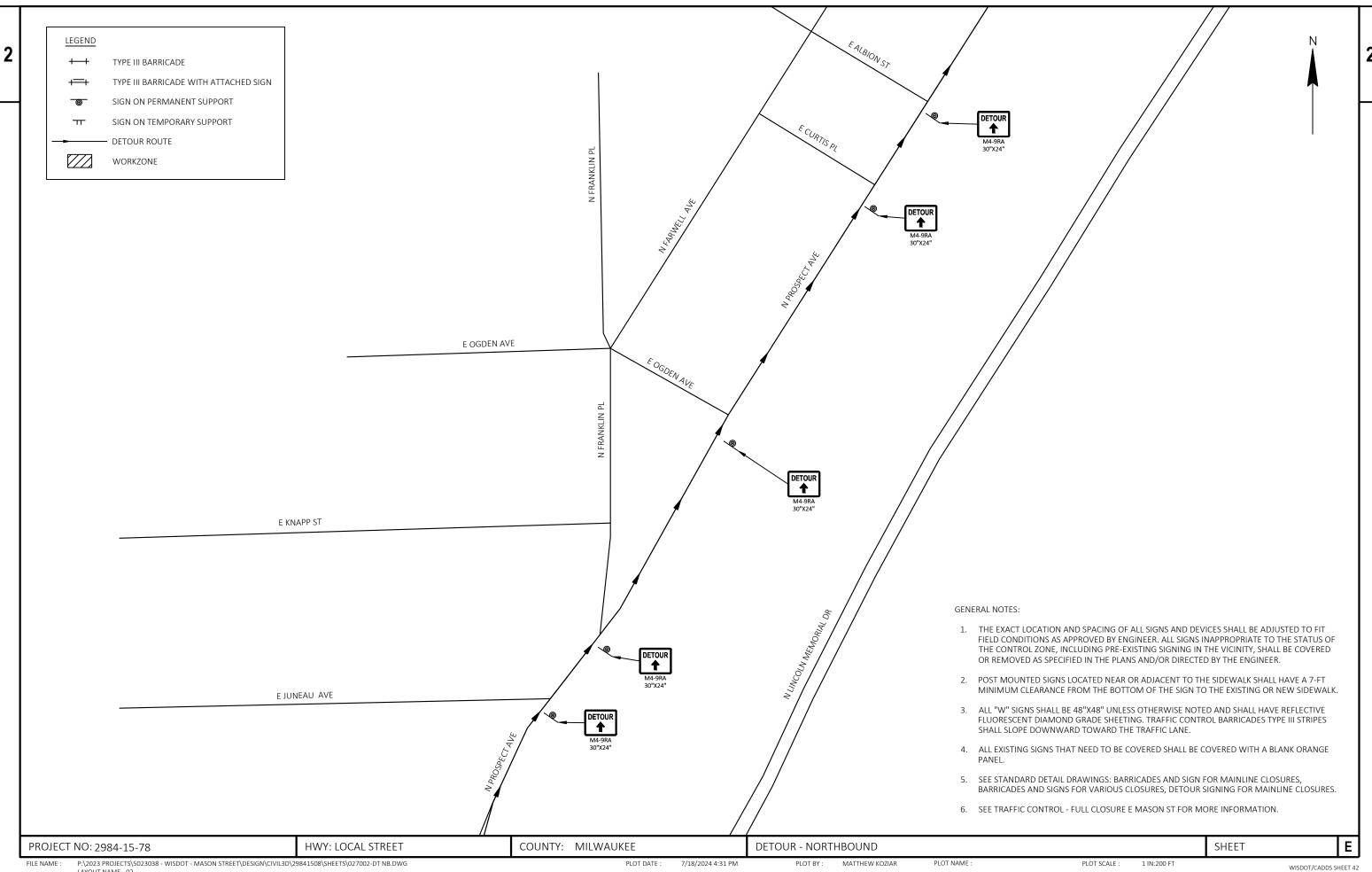


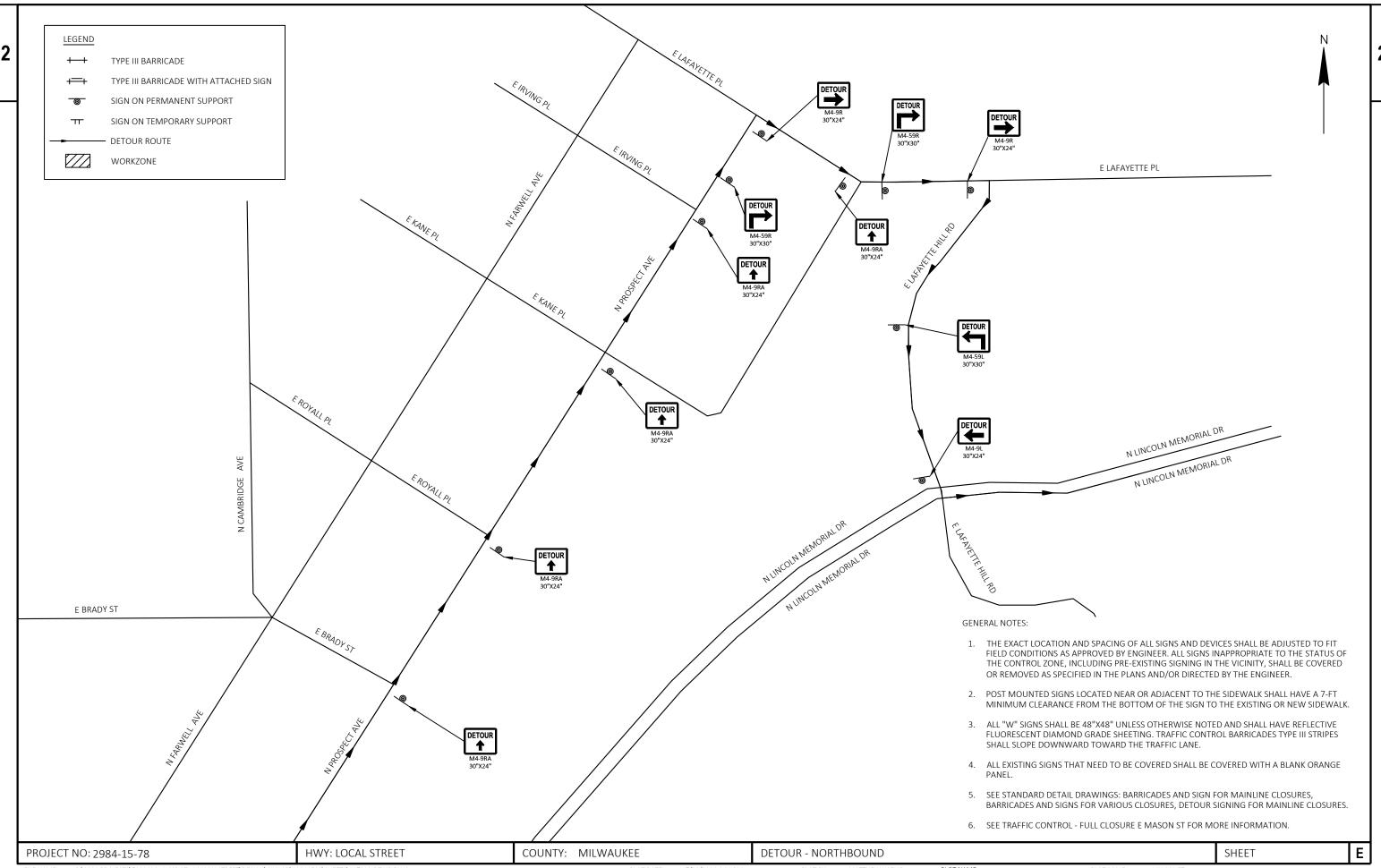
MATTHEW KOZIAR P:\2023 PROJECTS\5023038 - WISDOT - MASON STREET\DESIGN\CIVIL3D\29841508\SHEETS\027001-DT SB.DWG PLOT NAME : PLOT DATE: 7/18/2024 4:30 PM PLOT BY: PLOT SCALE : 1 IN:200 FT WISDOT/CADDS SHEET 42



P:\2023 PROJECTS\5023038 - WISDOT - MASON STREET\DESIGN\CIVIL3D\29841508\SHEETS\027001-DT SB.DWG 7/18/2024 4:30 PM PLOT BY: MATTHEW KOZIAR PLOT NAME : PLOT SCALE: 1 IN:200 FT WISDOT/CADDS SHEET 42







FILE NAME: P:\2023 PROJECTS\5023038 - WISDOT - MASON STREET\DESIGN\CIVIL3D\29841508\SHEETS\027002-DT NB.DWG PLOT DATE: 7/18/2024 4:31 PM PLOT BY: MATTHEW KOZIAR PLOT NAME: PLOT SCALE: 1 IN:200 FT WISDOT/CADDS SHEET 42

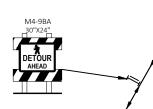


WORK ZONE (CLOSED)

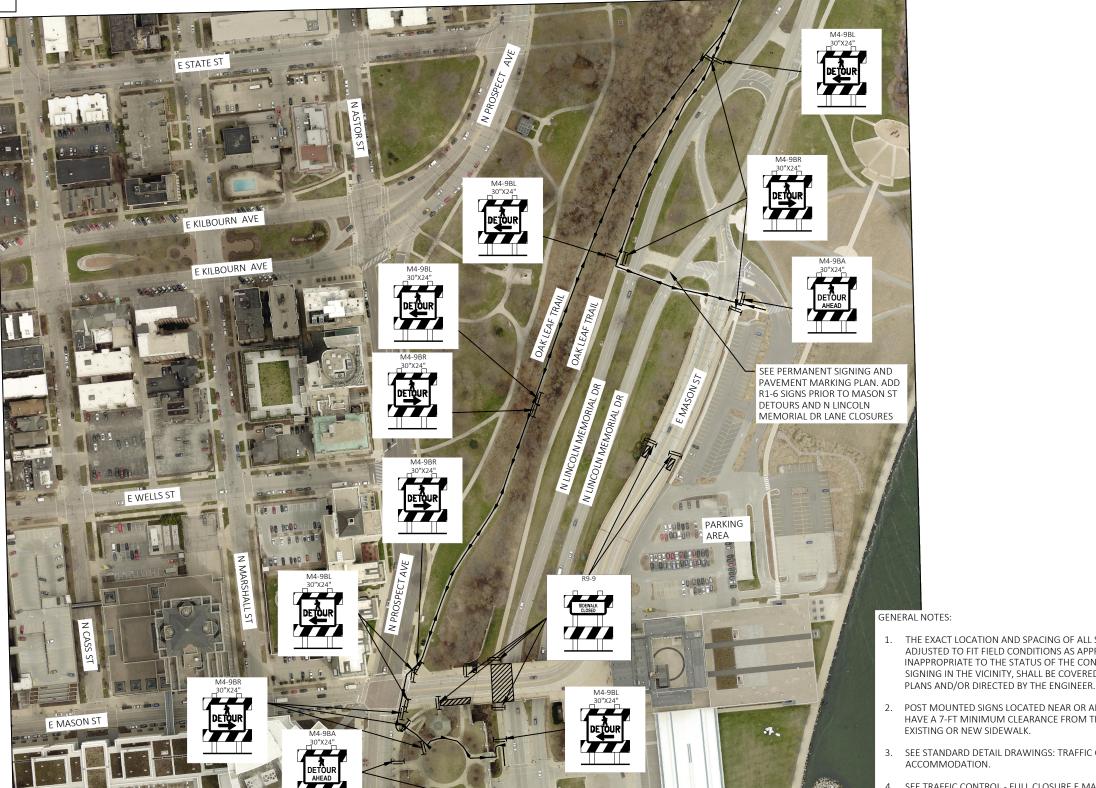


TYPE II BARRICADE WITH

MOUNTED SIGN







1. THE EXACT LOCATION AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY ENGINEER. ALL SIGNS INAPPROPRIATE TO THE STATUS OF THE CONTROL ZONE, INCLUDING PRE-EXISTING SIGNING IN THE VICINITY, SHALL BE COVERED OR REMOVED AS SPECIFIED IN THE

POST MOUNTED SIGNS LOCATED NEAR OR ADJACENT TO THE SIDEWALK SHALL HAVE A 7-FT MINIMUM CLEARANCE FROM THE BOTTOM OF THE SIGN TO THE EXISTING OR NEW SIDEWALK.

3. SEE STANDARD DETAIL DRAWINGS: TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION.

SEE TRAFFIC CONTROL - FULL CLOSURE E MASON ST FOR MORE INFORMATION.

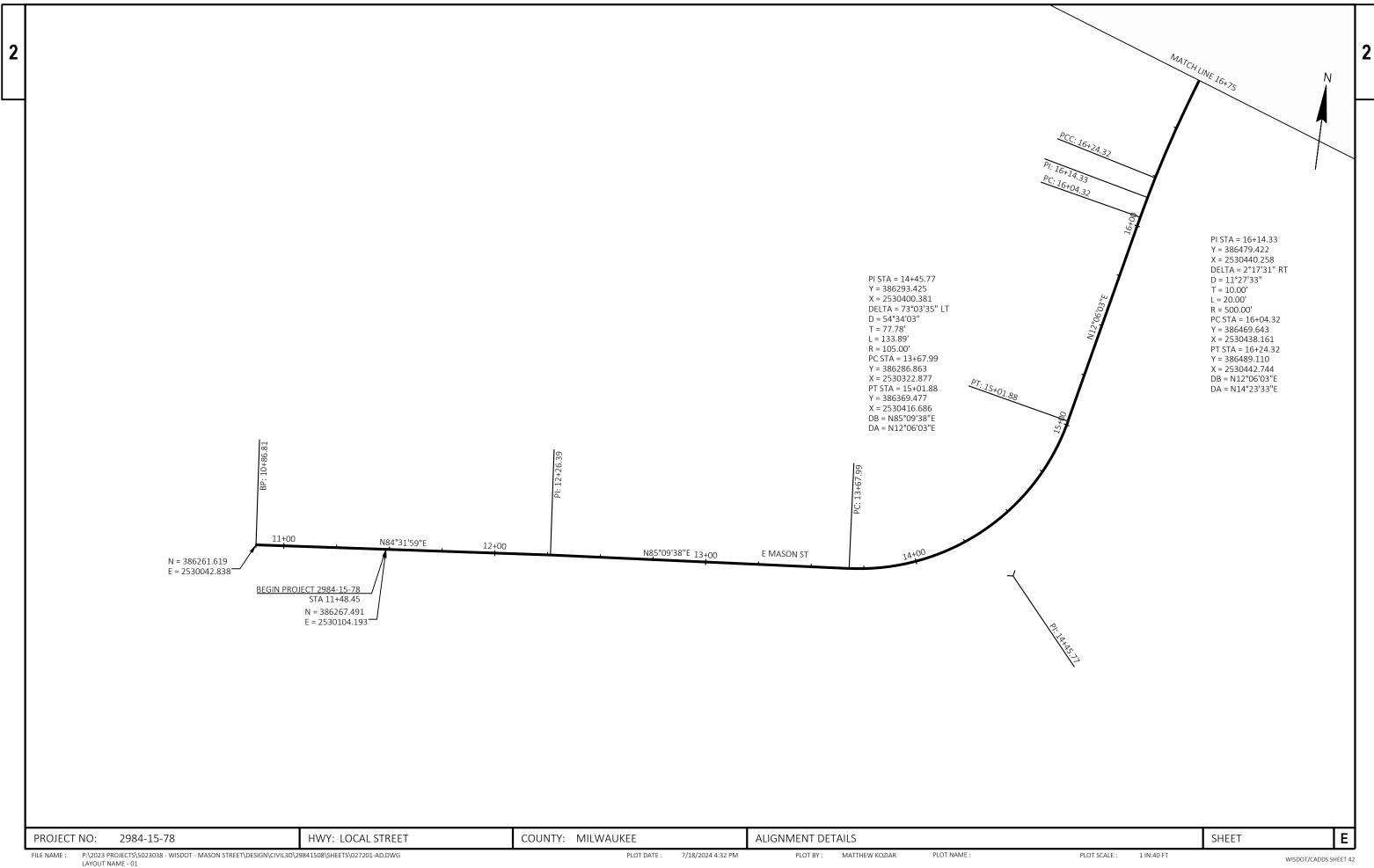
PROJECT NO: 2984-15-78 HWY: LOCAL STREET FILE NAME :

COUNTY: MILWAUKEE

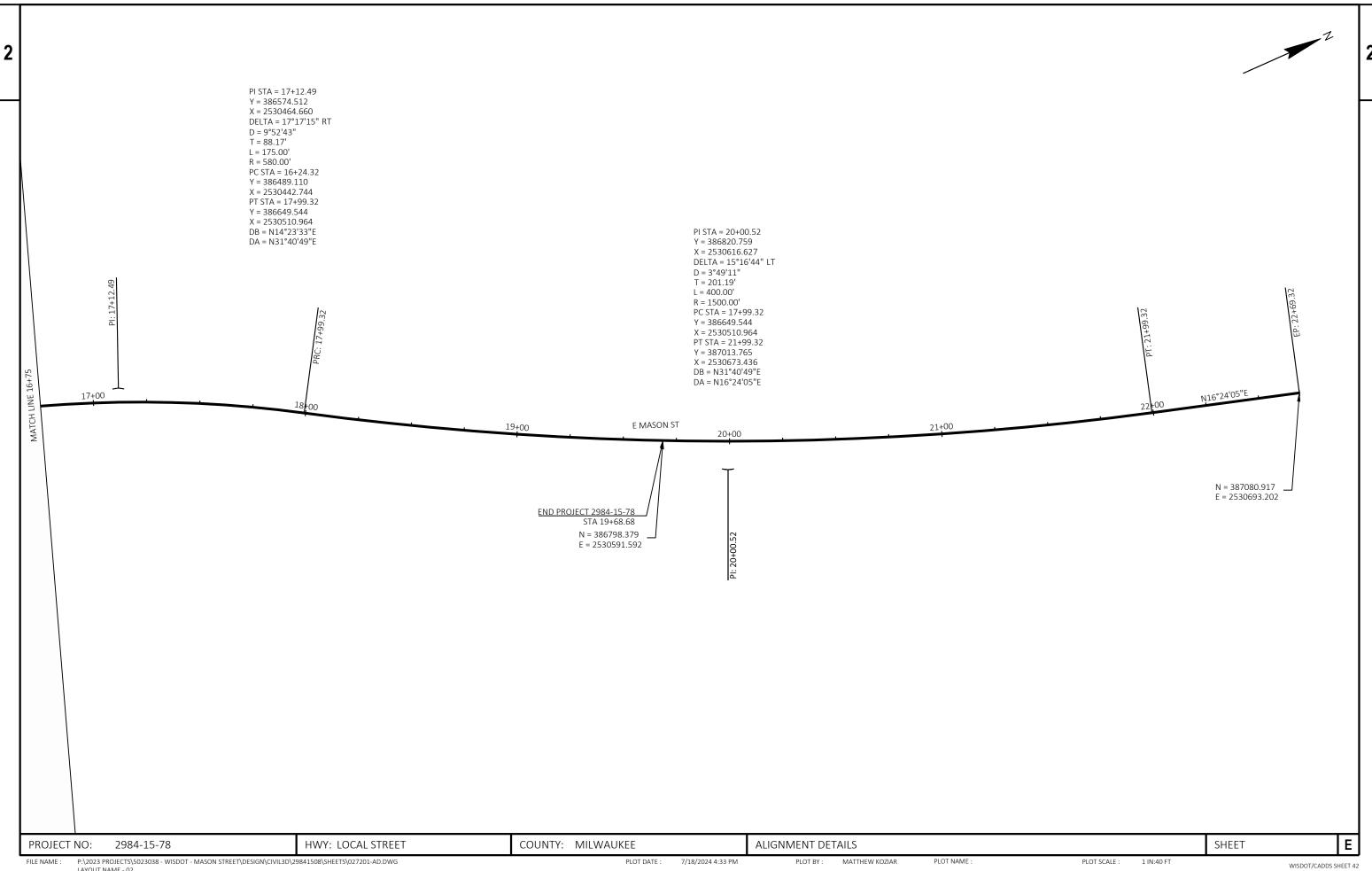
TRAFFIC CONTROL - PEDESTRIAN & BIKE DETOUR N LINCOLN MEMORIAL DR PLOT NAME :

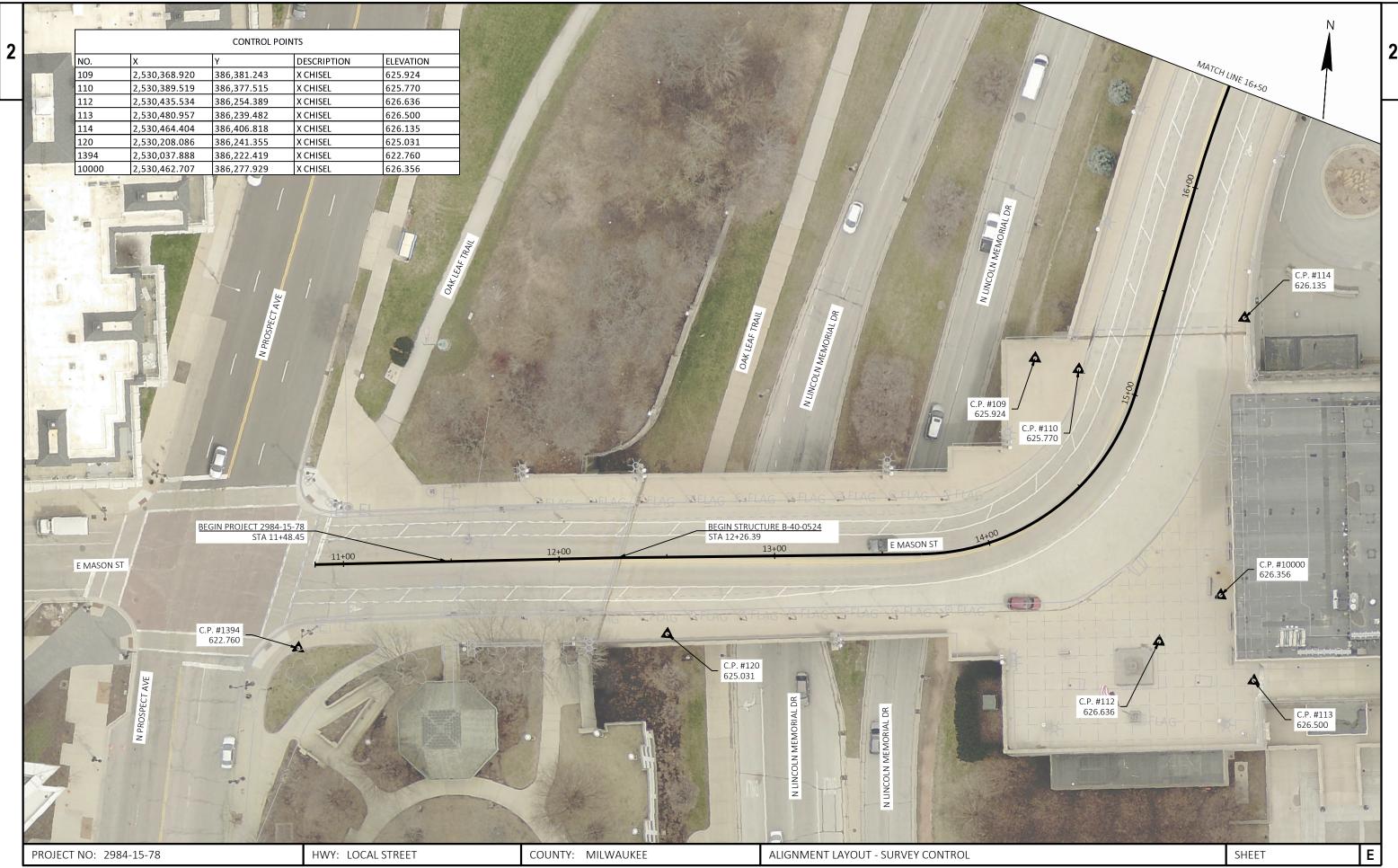
SHEET

Ε

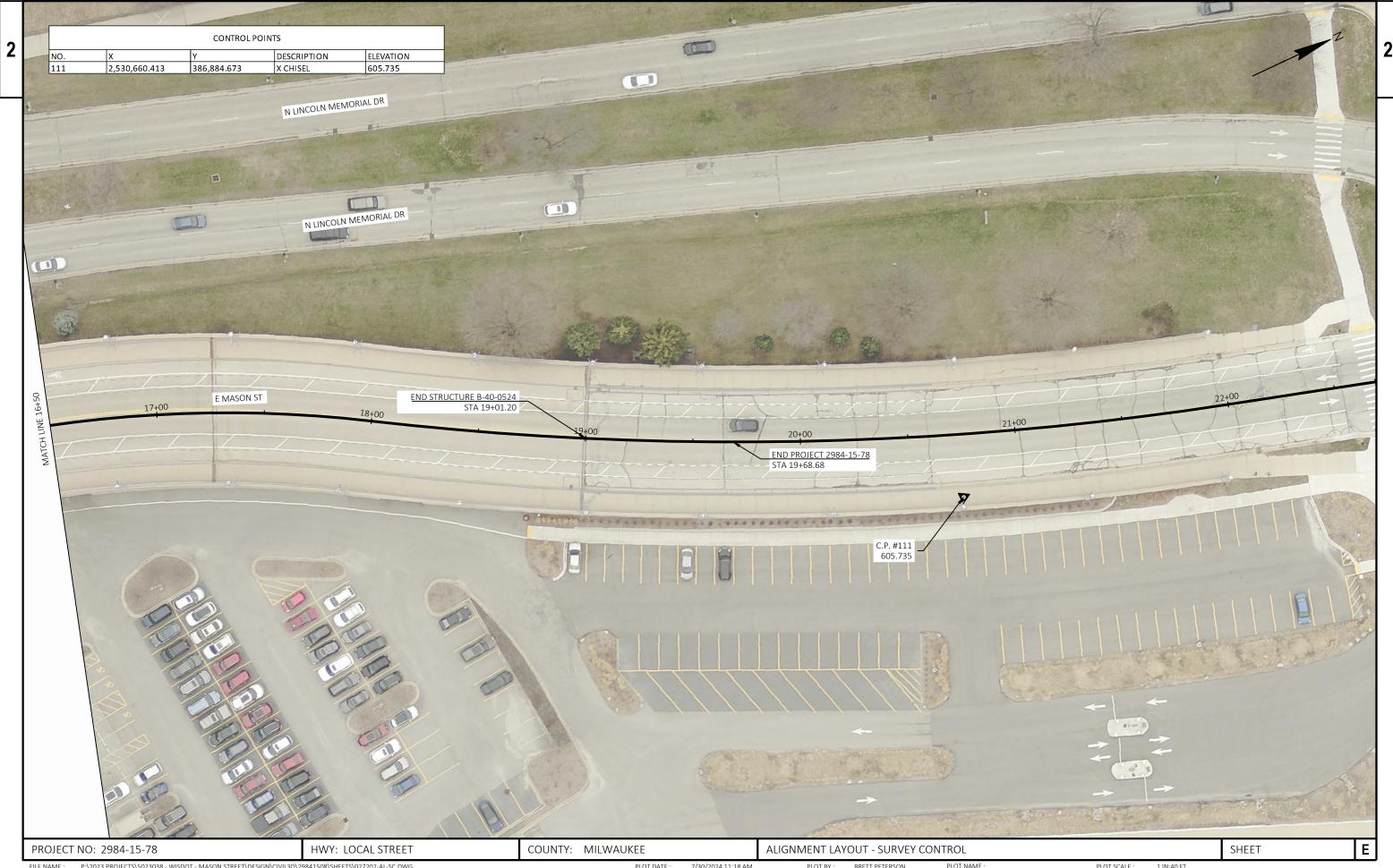


WISDOT/CADDS SHEET 42





FILE NAME: P\2023 PROJECTS\5023038 - WISDOT - MASON STREET\DESIGN\CIVIL3D\29841508\SHEETS\027202-AL-SC.DWG PLOT DATE: 7/30/2024 11:15 AM PLOT BY: BRETT PETERSON PLOT NAME: PLOT SCALE: 1 IN:40 FT WISDOT/CADDS SHEET 42 LAYOUT NAME - 01



FILE NAME: P:\2023 PROJECTS\5023038 - WISDOT - MASON STREET\DESIGN\CIVIL3D\29841508\SHEETS\027202-AL-SC.DWG PLOT DATE: 7/30/2024 11:18 AM PLOT BY: BRETT PETERSON PLOT NAME: PLOT SCALE: 1 IN:40 FT WISDOT/CADDS SHEET 42 LAYOUT NAME - 02

0004	45 70	`
2984-	15-/2	Κ.

					2984-15-78		
Line	Item	Item Description	Unit	Total	Qty		
002	203.0330	Debris Containment (structure) 01. B-40-0524	EACH	1.000	1.000		
004	204.0120	Removing Asphaltic Surface Milling	SY	731.000	731.000		
06	204.0150	Removing Curb & Gutter	LF	130.000	130.000		
80	204.0155	Removing Concrete Sidewalk	SY	158.000	158.000		
10	211.0101	Prepare Foundation for Asphaltic Paving (project) 01. 2984-15-78	EACH	1.000	1.000		
12	213.0100	Finishing Roadway (project) 01. 2984-15-78	EACH	1.000	1.000		
14	305.0110	Base Aggregate Dense 3/4-Inch	TON	28.000	28.000		
16	455.0605	Tack Coat	GAL	44.000	44.000		
18	460.2000	Incentive Density HMA Pavement	DOL	130.000	130.000		
20	460.5224	HMA Pavement 4 LT 58-28 S	TON	198.000	198.000		
22			LF	1,200.000	1,200.000		
24	502.2000	Compression Joint Sealer Preformed Elastomeric (width) 01. 2-1/4 Inch	LF	10.000	10.000		
26	502.2000	Compression Joint Sealer Preformed Elastomeric (width) 02. 2-2/4 Inch	LF	10.000	10.000		
28	502.3101	Expansion Device	LF	304.000	304.000		
30	502.3215	Protective Surface Treatment Reseal	SY	7,994.000	7,994.000		
32	502.4205	Adhesive Anchors No. 5 Bar	EACH	210.000	210.000		
34	505.0600	Bar Steel Reinforcement HS Coated Structures	LB	6,220.000	6,220.000		
36	509.0301	Preparation Decks Type 1	SY	61.000	61.000		
38	509.0302	Preparation Decks Type 2	SY	25.000	25.000		
40		•	LF	610.000	610.000		
12	509.1000	Joint Repair	SY	148.000	148.000		
14	509.1500	Concrete Surface Repair	SF	110.000	110.000		
16	509.1300	Full-Depth Deck Repair	SY	5.000	5.000		
18		Concrete Masonry Deck Repair	CY	52.000	52.000		
+0 50	601.0331	Concrete Curb & Gutter 31-Inch	LF	130.000	130.000		
52	602.0415	Concrete Sidewalk 6-Inch	SF	1,423.000	1,423.000		
54		Adjusting Manhole Covers		1,423.000	1,423.000		
	611.8110	, •	EACH	1.000	1.000		
6	618.0100	Maintenance and Repair of Haul Roads (project) 01. 2984-15-78	EACH				
58	619.1000	Mobilization	EACH	1.000	1.000		
0	624.0100	Water	MGAL	0.630	0.630		
2	628.1905	Mobilizations Erosion Control	EACH	4.000	4.000		
64	628.1910	Mobilizations Emergency Erosion Control	EACH	2.000	2.000		
36	628.7015	Inlet Protection Type C	EACH	8.000	8.000		
88	634.0612	Posts Wood 4x6-Inch X 12-FT	EACH	1.000	1.000		
70	634.0809	Posts Tubular Steel 2x2-Inch X 9.5-FT	EACH	10.000	10.000		
72	637.2210	Signs Type II Reflective H	SF	50.000	50.000		
74	637.2230	Signs Type II Reflective F	SF	12.000	12.000		
76	642.5201	Field Office Type C	EACH	1.000	1.000		
'8	643.0300	Traffic Control Drums	DAY	652.000	652.000		
80	643.0410	Traffic Control Barricades Type II	DAY	1,358.000	1,358.000		
2	643.0420	Traffic Control Barricades Type III	DAY	873.000	873.000		
4	643.0705	Traffic Control Warning Lights Type A	DAY	3,104.000	3,104.000		
6	643.0715	Traffic Control Warning Lights Type C	DAY	101.000	101.000		
38	643.0800	Traffic Control Arrow Boards	DAY	12.000	12.000		
90	643.0900	Traffic Control Signs	DAY	4,111.000	4,111.000		
92	643.1000	Traffic Control Signs Fixed Message	SF	15.000	15.000		
94	643.5000	Traffic Control	EACH	1.000	1.000		
96	646.2020	Marking Line Epoxy 6-Inch	LF	7,036.000	7,036.000		
98	646.3020	Marking Line Epoxy 8-Inch	LF	2,053.000	2,053.000		

Estimate Of Quantities

2984-15-78

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Line	Item	Item Description	Unit	Total	Qty
0100	646.5020	Marking Arrow Epoxy	EACH	6.000	6.000
0102	646.5220	Marking Symbol Epoxy	EACH	10.000	10.000
0104	646.7020	Marking Diagonal Epoxy 6-Inch	LF	574.000	574.000
0106	646.9012	Marking Removal Line Water Blasting 6-Inch	LF	7,491.000	7,491.000
0108	646.9310	Marking Removal Special Marking Water Blasting	EACH	4.000	4.000
0110	650.5500	Construction Staking Curb Gutter and Curb & Gutter	LF	130.000	130.000
0112	650.8000	Construction Staking Resurfacing Reference	LF	145.000	145.000
0114	650.9500	Construction Staking Sidewalk (project) 01. 2984-15-78	EACH	1.000	1.000
0116	650.9911	Construction Staking Supplemental Control (project) 01. 2984-15-78	EACH	1.000	1.000
0118	690.0150	Sawing Asphalt	LF	90.000	90.000
0120	690.0250	Sawing Concrete	LF	60.000	60.000
0122	999.2000.S	Installing and Maintaining Bird Deterrent System (station) STA 15+63	EACH	1.000	1.000
0124	ASP.1T0A	On-the-Job Training Apprentice at \$5.00/HR	HRS	400.000	400.000
0126	ASP.1T0G	On-the-Job Training Graduate at \$5.00/HR	HRS	2,700.000	2,700.000
0128	SPV.0060	Special 01. Removing and Reinstalling Flag Pole	EACH	4.000	4.000
0130	SPV.0060	Special 02. Cleaning and Painting Bearing	EACH	4.000	4.000
0132	SPV.0060	Special 03. Clean Drain Systems	EACH	5.000	5.000
0134	SPV.0060	Special 04. Partially Remove Existing Cover Plate	EACH	1.000	1.000
0136	SPV.0060	Special 05. Embedded Galvanic Anodes	EACH	305.000	305.000
0138	SPV.0090	Special 01. Reseal Joints	LF	238.000	238.000
0140	SPV.0165	Special 01. High Friction Green Surfacing	SF	13,165.000	13,165.000
0142	SPV.0165	Special 02. Removing Loose Concrete	SF	720.000	720.000
0144	SPV.0165	Special 03. Protective Netting	SF	23,840.000	23,840.000

CATEGORY 0010 0010	STATION 11+48 19+01	TO - - -	MILLING ASPHALT STATION 12+26 19+68	LOCATION WEST APPROACH EAST APPROACH TOTAL 0010	204.0120 REMOVING ASPHALTIC SURFACE MILLING SY 397 334 731	
CATEGORY 0010 0010 0010 0010 0010	STATION 11+53 RT 12+19 LT 19+01 RT 19+01 LT	TO	REMOVING CURB AND GUTTER STATION 12+19 RT 12+34 LT 19+25 RT 19+26 LT	LOCATION MASON ST WEST APPROACH MASON ST WEST APPROACH MASON ST EAST APPROACH MASON ST EAST APPROACH TOTAL 0010	204.0150 REMOVING CURB & GUTTER LF 65 15 25 25 21 25	
			<u>R</u> EMOVING SIDEWALK			
CATEGORY 0010 0010 0010 0010 0010	STATION 11+53 RT 12+19 LT 19+01 RT 19+01 LT	TO	STATION 12+19 RT 12+34 LT 19+25 RT 19+26 LT	LOCATION MASON ST WEST APPROACH MASON ST WEST APPROACH MASON ST EAST APPROACH MASON ST EAST APPROACH TOTAL 0010	204.0155 REMOVING CONCRETE SIDEWALK SY 87 23 24 24 158	

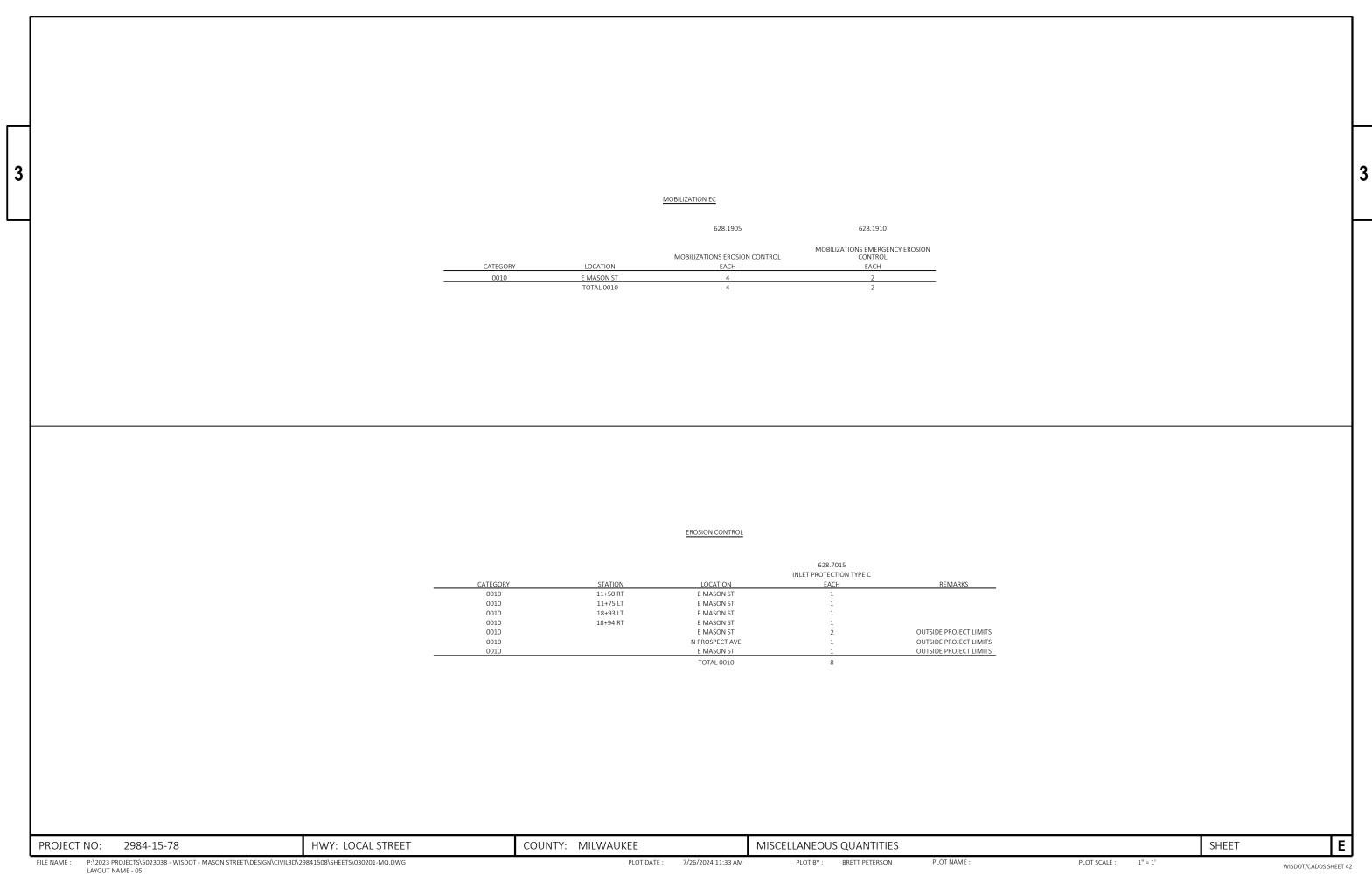
P:\2023 PROJECTS\5023038 - WISDOT - MASON STREET\DESIGN\CIVIL3D\29841508\SHEETS\030201-MQ.DWG PLOT DATE: 7/26/2024 11:02 AM PLOT BY: BRETT PETERSON PLOT NAME: PLOT SCALE: 1" = 1'
WISDOT/CADDS SHEET 42
LAYOUT NAME - 01

TATOMINE TATOMINE	PROJECT NO: 2984-15-78	HWY: LOCAL STREET	COUNTY: MILWAUKEE	MISCELLANEOUS QUANTITIES			SHEET	
		0010 11+53 RT 0010 12+19 LT 0010 19+01 RT 0010 19+01 LT	- 12+19 RT - 12+34 LT - 19+25 RT	MASON ST WEST APPROACH SIDEWALK MASON ST WEST APPROACH SIDEWALK MASON ST EAST APPROACH SIDEWALK MASON ST EAST APPROACH SIDEWALK UNDISTRIBUTED	TON 11 4 5 7	MGAL 0.17 0.06 0.08 0.11 0.21		
PRISHING PLANNAY PRISHING PLANNAY PRISHING PLANNAY PRISH 1, 789 1, 13, 13, 10, 10, 11, 148, 15, 179 1, 148,			<u>BASE AGGRI</u>		BASE AGGREGATE DENSE			
211.0101.01 PREPARE FOUNDATION FOR ASPHALTIC PAVING (PROJECT) (2984-15-78) CATEGORY STATION TO STATION LOCATION EACH 0010 11+48 - 19+68 WEST APPROACH, EAST APPROACH 1			STATION TO STATION LOCATION 11+48.45 - 19+68.80 E MASON ST	FINISHING ROADWAY (PROJECT) (01. 2984-15-78) EACH 1				
211.0101.01 PREPARE FOUNDATION FOR ASPHALTIC PAVING (PROJECT) (2984-15-78) CATEGORY STATION TO STATION LOCATION EACH				TOTAL 0010				
PREPARE FOUNDATION					PREPARE FOUNDATION FOR ASPHALTIC PAVING (PROJECT) (2984-15-78) EACH			
			PREPARE FOUNDATION	<u>N</u>				

0010	HMA PAVEMEN TATION TO STATION 11+48 - 12+26 19+01 - 19+68	455.0605	460.5224 PAVEMENT 4 LT 58-28 S TON 95 103 198
CATEGORY 0010 0010 0010 0010 0010	STATION TO STATION 11+53 RT - 12+19 RT 12+19 LT - 12+34 LT 19+01 RT - 19+25 RT 19+01 LT - 19+26 LT	601.0331 CONCRETE CURB & GUTT 31-INCH LOCATION LF MASON ST WEST APPROACH 65 MASON ST WEST APPROACH 15 MASON ST EAST APPROACH 25 MASON ST EAST APPROACH 25 TOTAL 0010 130	TER
CATEGORY 0010 0010 0010	STATION TO STATION 11+53 RT - 12+19 RT 12+19 LT - 12+34 LT 19+01 RT - 19+25 RT	602.0415 CONCRETE SIDEWALK 6-INCH LOCATION SF MASON ST WEST APPROACH 780 MASON ST WEST APPROACH 210 MASON ST EAST APPROACH 216 MASON ST EAST APPROACH 216	

		ADJUSTING MANHOLE CO CATEGORY STATION LOCATION 0010 11+59 MASON ST WEST A TOTAL 00	611.8110 ADJUSTING MANHOLE COVERS DN EACH PPROACH LT 1		
		MAINTE HAUL	618.0100.01 ENANCE AND REPAIR OF ROADS (PROJECT) (01. 2984-15-78) EACH 1		
		CATEGORY LOCATION 0010 E MASON ST TOTAL 0010	619.1000 MOBILIZATION EACH 1 1		
D: 2984-15-78 2023 PROJECTS\5023038 - WISDOT - MASON STREET\DESIGN\CIV	HWY: LOCAL STREET	COUNTY: MILWAUKEE PLOT DATE: 12/11/2024 1	MISCELLANEOUS QUANTITIES :11 PM PLOT BY: BRETT PETERSON PLOT	NAME: PLOT SCALE: 1"=	SHEET E

LAYOUT NAME - 04



PERMANENT SIGNING

CATIGORY SIGN COS SIGN MISSAGE N					SIGN DIMENSION:	S			634.0612 POSTS WOOD 4X6-INCH X	634.0809 POSTS TUBULAR STEEL	637.2210	637.2230	
OOID R7-18 NO PARCING ANY TIME 18.00 X 24.00 10-95 MASON STREET, IT				W	Х	Н					SIGNS TYPE II REFLECTIVE H	SIGNS TYPE II REFLECTIVE F	
DOID R3-17 BYE LINE 30.00 X 24.00 11-00 MASON STRET, RT	CATEGORY	SIGN CODE	SIGN MESSAGE	IN		IN	STATION	LOCATION	EACH	EACH	SF	SF	REMARKS
SALTAP AHEAD 30.00 X 12.00 11.00 MASON STEET, RT	0010	R7-1R	NO PARKING ANY TIME	18.00	Х	24.00	10+95	MASON STREET, LT	-	-	3.0	-	(ATTACHED TO EXISTING POLE)
0010 R7-11 NO PARKING ANY TIME 18.00 X 24.00 11+09 MASON STEET, RT - 3.0 - (ATTACHED TO EXISTING OUT) R7-1D NO PARKING ANY TIME 18.00 X 24.00 12+60 MASON STEET, RT - 3.0 - 3.0 - (ATTACHED TO EXISTING OUT) R7-1D NO PARKING ANY TIME 18.00 X 24.00 12+62 MASON STEET, RT - 3.0 - 3.0 - (ATTACHED TO EXISTING OUT) R7-1D NO PARKING ANY TIME 18.00 X 24.00 13+78 MASON STEET, RT - 3.0 - 3.0 - (ATTACHED TO EXISTING OUT) R7-1D NO PARKING ANY TIME 18.00 X 24.00 13+78 MASON STEET, RT - 3.0 - 3.0 - (ATTACHED TO EXISTING OUT) R7-1D NO PARKING ANY TIME 18.00 X 24.00 13+78 MASON STEET, RT - 3.0 - 3.0 - (ATTACHED TO EXISTING OUT) R7-1D NO PARKING ANY TIME 18.00 X 24.00 13+78 MASON STEET, RT - 1 1.5 - 3.0 - (ATTACHED TO EXISTING OUT) R7-1D NO PARKING ANY TIME 18.00 X 24.00 13+78 MASON STEET, RT - 1 1.5 - 3.0 - (ATTACHED TO EXISTING OUT) R7-1D NO PARKING ANY TIME 18.00 X 24.00 13+78 MASON STEET, RT - 1 1.5 - 3.0 - (ATTACHED TO EXISTING OUT) R7-1D NO PARKING ANY TIME 18.00 X 24.00 14+31 MASON STEET, RT - 1 1.5 - 3.0 - (ATTACHED TO EXISTING OUT) R7-1D NO PARKING ANY TIME 18.00 X 18.00 14+31 MASON STEET, RT - 1 1.5 - 3.0 - (ATTACHED TO EXISTING OUT) R7-1D NO PARKING ANY TIME 18.00 X 18.00 14+51 MASON STEET, RT - 1 1.5 - (ON STRUCTURE OUT) R7-1D NO PARKING ANY TIME 18.00 X 18.00 14+51 MASON STEET, RT - 1 1.5 - (ON STRUCTURE OUT) R7-1D NO PARKING ANY TIME 18.00 X 18.00 14+56 MASON STEET, RT - 1 1.5 - (ON STRUCTURE OUT) R7-1D NO PARKING ANY TIME 18.00 X 24.00 14+50 MASON STEET, RT - 1 1.5 - (ON STRUCTURE OUT) R7-1D NO PARKING ANY TIME 18.00 X 24.00 15+33 MASON STEET, RT - 1 1.5 - (ON STRUCTURE OUT) R7-1D NO PARKING ANY TIME 18.00 X 24.00 15+30 MASON STEET, RT - 1 1.5 - (ON STRUCTURE OUT) R7-1D NO PARKING ANY TIME 18.00 X 24.00 15+30 MASON STEET, RT - 1 1.5 - (ON STRUCTURE OUT) R7-1D NO PARKING ANY TIME 18.00 X 24.00 15+30 MASON STEET, RT - 1 1.5 - (ON STRUCTURE OUT) R7-1D NO PARKING ANY TIME 18.00 X 24.00 15+30 MASON STEET, RT - 1 1.5 - (ON STRUCTURE OUT) R7-1D NO PARKING ANY TIME 18.00 X 24.00 15+30 MASON STEET, RT - 1 1.5 - (ON STRUCTURE	0010	R3-17	BIKE LANE	30.00	X	24.00	11+09	MASON STREET, RT	-	-	4.5	-	(ATTACHED TO EXISTING POLE)
No Parking Any Time 18.00 X 24.00 12460 MASON STEET, RT	0010	R3-17AP	AHEAD	30.00	X	12.00	11+09	MASON STEET, RT	-	-	3.5	-	(ATTACHED TO EXISTING POLE)
0010 R7-1D NO PARKING ANY TIME 18.00 X 24.00 12+62 MASON STEET, IT - 3.0 - (ATTACHED TO EXISTING ODDOORS AND THE NO PARKING ANY TIME 18.00 X 24.00 13+78 MASON STEET, RT - 3.0 - 3.0 - (ATTACHED TO EXISTING ODDOORS AND THE NO PARKING ANY TIME 18.00 X 24.00 13+78 MASON STEET, RT - 3.0 - 3.0 - (ATTACHED TO EXISTING ODDOORS AND THE NO PARKING ANY TIME 18.00 X 24.00 13+78 MASON STEET, RT - 1 1.5 - (ON STRUCTURE) ODDOORS AND THE NO PARKING ANY TIME 18.00 X 18.00 14+31 MASON STEET, RT - 1 1.5 - (ON STRUCTURE) ODDOORS AND THE NO PRESTRIAN CROSSING 12.00 X 18.00 14+33 MASON STEET, RT - 1 1.5 - (ON STRUCTURE) ODDOORS AND THE NO PARKING AND THE 18.00 X 24.00 15+43 MASON STEET, RT - 1 1 3.0 - (ON STRUCTURE) ODD ON PARKING AND THE 18.00 X 24.00 15+43 MASON STEET, RT - 1 1 3.0 - (ON STRUCTURE) ODD ON PARKING AND THE NO PARKING AND TH	0010	R7-1L	NO PARKING ANY TIME	18.00	X	24.00	11+09	MASON STEET, RT	-	-	3.0	-	(ATTACHED TO EXISTING POLE)
01D R7-1R NO PARKING ANY TIME 18.00 X 24.00 13478 MASON STEET, RT - 3.0 - (ATTACHED TO EXISTING OLD R7-1D NO PARKING ANY TIME 18.00 X 24.00 134-85 MASON STEET, RT - 1.15 - 3.0 - (ATTACHED TO EXISTING OLD R7-8A RESERVED PARKING 12.00 X 18.00 144-31 MASON STEET, RT - 1.15 - (ON STRUCTURE) OLD R7-8A RESERVED PARKING 12.00 X 18.00 144-31 MASON STEET, RT - 1.15 - (ON STRUCTURE) OLD R7-8A RESERVED PARKING 12.00 X 18.00 144-51 MASON STEET, RT - 1.15 - (ON STRUCTURE) OLD R7-8A RESERVED PARKING 12.00 X 18.00 144-59 MASON STEET, RT - 1.15 - (ON STRUCTURE) OLD R7-8A RESERVED PARKING 12.00 X 18.00 144-59 MASON STEET, RT - 1.15 - (ON STRUCTURE) OLD R7-8A RESERVED PARKING 12.00 X 18.00 144-56 MASON STEET, RT - 1.15 - (ON STRUCTURE) OLD R7-8A RESERVED PARKING 12.00 X 18.00 144-56 MASON STEET, RT - 1.15 - (ON STRUCTURE) OLD R7-8A RESERVED PARKING 12.00 X 18.00 144-66 MASON STEET, RT - 1.15 - (ON STRUCTURE) OLD R7-8A RESERVED PARKING 12.00 X 18.00 144-66 MASON STEET, RT - 1.15 - (ON STRUCTURE) OLD R7-8A RESERVED PARKING 12.00 X 18.00 144-60 MASON STEET, RT - 1.15 - (ON STRUCTURE) OLD R7-8A RESERVED PARKING 12.00 X 18.00 144-60 MASON STEET, RT - 1.15 - (ON STRUCTURE) OLD R7-8A RESERVED PARKING 12.00 X 18.00 144-60 MASON STEET, RT - 1.15 - (ON STRUCTURE) OLD R7-8A RESERVED PARKING 12.00 X 18.00 144-60 MASON STEET, RT - 1.15 - (ON STRUCTURE) OLD R7-1D NO PARKING ANY TIME 18.00 X 24.00 154-33 MASON STEET, RT - 1.15 - (ON STRUCTURE) OLD R7-1D NO PARKING ANY TIME 18.00 X 24.00 154-33 MASON STEET, RT - 1.15 - 3.0 (ON STRUCTURE) OLD R7-1L NO PARKING ANY TIME 18.00 X 24.00 154-33 MASON STEET, RT - 1.15 - 3.0 (ON STRUCTURE) OLD R7-1R NO PARKING ANY TIME 18.00 X 24.00 224-56 MASON STEET, RT - 1.15 - 3.0 (ON STRUCTURE) OLD R7-1L NO PARKING ANY TIME 18.00 X 24.00 224-56 MASON STEET, RT - 1.15 - 3.0 (ON STRUCTURE) OLD R7-1R NO PARKING ANY TIME 18.00 X 24.00 224-56 MASON STEET, RT - 1.15 - 3.0 (ON STRUCTURE) OLD R7-1R NO PARKING ANY TIME 18.00 X 24.00 224-56 MASON STEET, RT - 1.15 - 3.0 (ON STRUCTURE) OLD R7-1R NO PARKING ANY TIME 18.00 X 24.	0010	R7-1D	NO PARKING ANY TIME	18.00	X	24.00	12+60	MASON STEET, RT	-	-	3.0	-	(ATTACHED TO EXISTING POLE)
0010 R7-1D NO PARKING ANY TIME 18.00 X 24.00 13+85 MASON STEET, LT 3.0 - (ATTACHED TO EXISTING 0010 R7-8A RESERVED PARKING 12.00 X 18.00 14+31 MASON STEET, RT - 1 1.5 - (ON STRUCTURE) 0010 R9-3 NO PEDESTRIAN CROSSING 12.00 X 18.00 14+31 MASON STEET, LT - 1 1.5 - (ON STRUCTURE) 0010 R9-3 NO PEDESTRIAN CROSSING 12.00 X 18.00 14+51 MASON STEET, RT - 1 1.5 - (ON STRUCTURE) 0010 R7-8A RESERVED PARKING 12.00 X 18.00 14+59 MASON STEET, RT - 1 1.5 - (ON STRUCTURE) 0010 R7-8A RESERVED PARKING 12.00 X 18.00 14+59 MASON STEET, RT - 1 1.5 - (ON STRUCTURE) 0010 R7-8A RESERVED PARKING 12.00 X 18.00 14+59 MASON STEET, RT - 1 1.5 - (ON STRUCTURE) 0010 R9-3 NO PEDESTRIAN CROSSING 12.00 X 18.00 14+66 MASON STEET, RT - 1 1.5 - (ON STRUCTURE) 0010 R9-3 NO PEDESTRIAN CROSSING 12.00 X 18.00 14+86 MASON STEET, RT - 1 1.5 - (ON STRUCTURE) 0010 R9-3 NO PEDESTRIAN CROSSING 12.00 X 18.00 14+86 MASON STEET, RT - 1 1.5 - (ON STRUCTURE) 0010 R7-8A RESERVED PARKING 12.00 X 18.00 14+86 MASON STEET, RT - 1 1.5 - (ON STRUCTURE) 0010 R7-8A RESERVED PARKING 12.00 X 18.00 14+86 MASON STEET, RT - 1 1.5 - (ON STRUCTURE) 0010 R7-8A RESERVED PARKING 12.00 X 18.00 14+90 MASON STEET, RT - 1 1.5 - (ON STRUCTURE) 0010 R7-8A RESERVED PARKING 12.00 X 18.00 15+05 MASON STEET, RT - 1 1.5 - (ON STRUCTURE) 0010 R7-10 NO PARKING ANY TIME 18.00 X 24.00 15+33 MASON STEET, RT - 1 1 3.0 - (ON STRUCTURE) 0010 R7-11 NO PARKING ANY TIME 18.00 X 24.00 15+33 MASON STEET, RT - 1 1 3.0 - (ON STRUCTURE) 0010 R7-11 NO PARKING ANY TIME 18.00 X 24.00 15+33 MASON STEET, RT - 1 1 3.0 - (ON STRUCTURE) 0010 R7-11 NO PARKING ANY TIME 18.00 X 24.00 15+33 MASON STEET, RT - 1 1 3.0 - 3.0 - (ON STRUCTURE) 0010 R7-11 NO PARKING ANY TIME 18.00 X 24.00 15+33 MASON STEET, RT - 1 1 3.0 - 3.0 - (ON STRUCTURE) 0010 R7-11 NO PARKING ANY TIME 18.00 X 24.00 15+33 MASON STEET, RT - 1 3.0 3.0 - (ON STRUCTURE) 0010 R7-11 NO PARKING ANY TIME 18.00 X 24.00 15+33 MASON STEET, RT - 1 3.0 3.0 - (ON STRUCTURE) 0010 R7-11 NO PARKING ANY TIME 18.00 X 24.00 15+33 MASON STEET, RT - 1 3.0 3.0 - (ON STRUCT	0010	R7-1D	NO PARKING ANY TIME	18.00	X	24.00	12+62	MASON STEET, LT	-	-	3.0	-	(ATTACHED TO EXISTING POLE)
OLIO R7-8A RESERVED PARKING 12.00 X 18.00 14+31 MASON STEET, RT - 1 1.5 - (ON STRUCTURE)	0010	R7-1R	NO PARKING ANY TIME	18.00	X	24.00	13+78	MASON STEET, RT	-	-	3.0	-	(ATTACHED TO EXISTING POLE)
No Pedestrian Crossing 12.00 X 18.00 14+33 Mason Steet, LT - 1 1.5 - (ON STRUCTURE)	0010	R7-1D	NO PARKING ANY TIME	18.00	X	24.00	13+85	MASON STEET, LT	-	-	3.0	-	(ATTACHED TO EXISTING POLE)
No Pedestrian Crossing 12.00 X 18.00 14+51 Mason Steet, RT - 1 1.5 - (On Structure)	0010	R7-8A	RESERVED PARKING	12.00	X	18.00	14+31	MASON STEET, RT	-	1	1.5	-	(ON STRUCTURE)
0010 R7-8A RESERVED PARKING 12.00 X 18.00 14+59 MASON STEET, RT - 1 1.55 - (ON STRUCTURE) 0010 R7-8A RESERVED PARKING 12.00 X 18.00 14+76 MASON STEET, RT - 1 1.55 - (ON STRUCTURE) 0010 R9-3 NO PEDESTRIAN CROSSING 12.00 X 18.00 14+86 MASON STEET, RT - 1 1.55 - (ON STRUCTURE) 0010 R9-3 NO PEDESTRIAN CROSSING 12.00 X 18.00 14+90 MASON STEET, LT - 1 1.55 - (ON STRUCTURE) 0010 R7-8A RESERVED PARKING 12.00 X 18.00 14+90 MASON STEET, LT - 1 1.55 - (ON STRUCTURE) 0010 R7-8A RESERVED PARKING 12.00 X 18.00 15+05 MASON STEET, RT - 1 1.55 - (ON STRUCTURE) 0010 R7-1L NO PARKING ANY TIME 18.00 X 24.00 15+33 MASON STEET, LT - 1 3.00 - (ON STRUCTURE) 0010 R7-1L NO PARKING ANY TIME 18.00 X 24.00 15+40 MASON STEET, LT - 1 3.00 - (ON STRUCTURE) 0010 R7-1L NO PARKING ANY TIME 18.00 X 24.00 22+56 MASON STEET, LT - 1 3.00 - (ON STRUCTURE) 0010 R7-1R NO PARKING ANY TIME 18.00 X 24.00 22+56 MASON STEET, LT - 1 3.00 - (ON STRUCTURE) 0010 R7-1R NO PARKING ANY TIME 18.00 X 24.00 22+56 MASON STEET, LT - 1 3.00 - (ON STRUCTURE) 0010 R7-1R NO PARKING ANY TIME 18.00 X 24.00 22+56 MASON STEET, LT - 1 3.00 - (ON STRUCTURE) 0010 R7-1R NO PARKING ANY TIME 18.00 X 24.00 22+56 MASON STEET, LT - 1 3.00 - (ON STRUCTURE) 0010 R7-1R NO PARKING ANY TIME 18.00 X 24.00 22+56 MASON STEET, LT - 1 3.00 - (ON STRUCTURE) 0010 R7-1R NO PARKING ANY TIME 18.00 X 24.00 22+56 MASON STEET, LT - 1 3.00 - (ON STRUCTURE) 0010 R7-1R NO PARKING ANY TIME 18.00 X 24.00 22+56 MASON STEET, LT - 1 3.00 - (ON STRUCTURE) 0010 R7-1R NO PARKING ANY TIME 18.00 X 24.00 22+56 MASON STEET, LT - 1 3.00 - 3.00 (ATTACHED TO EXISTING 0010 R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 CROSSWALK N LINCOLN MEMORIAL DR, SB, LT 1 - 1 3.00 - 3.00 (ATTACHED TO EXISTING 0010 R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 CROSSWALK N LINCOLN MEMORIAL DR, SB, LT 1 - 3 3.00 (ATTACHED TO EXISTING 0010 R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 CROSSWALK N LINCOLN MEMORIAL DR, NB, LT - 3 3.00 (ATTACHED TO EXISTING 0010 R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 CROSSWALK N LINCOLN MEMORIAL DR, NB, LT - 3 3.00 (ATTACHED TO	0010	R9-3	NO PEDESTRIAN CROSSING	12.00	X	18.00	14+33	MASON STEET, LT	-	1	1.5	-	(ON STRUCTURE)
010 R7-8A RESERVED PARKING 12.00 X 18.00 14+76 MASON STEET, RT - 1 1 1.5 (ON STRUCTURE) 010 R9-3 NO PEDESTRIAN CROSSING 12.00 X 18.00 14+86 MASON STEET, RT - 1 1 1.5 (ON STRUCTURE) 010 R9-3 NO PEDESTRIAN CROSSING 12.00 X 18.00 14+90 MASON STEET, RT - 1 1 1.5 (ON STRUCTURE) 010 R7-8A RESERVED PARKING 12.00 X 18.00 15+05 MASON STEET, RT - 1 1 1.5 (ON STRUCTURE) 010 R7-1L NO PARKING ANY TIME 18.00 X 24.00 15+33 MASON STEET, RT - 1 1 3.0 - (ON STRUCTURE) 010 R7-1D NO PARKING ANY TIME 18.00 X 24.00 15+40 MASON STEET, RT - 1 3.0 - (ON STRUCTURE) 010 R7-1L NO PARKING ANY TIME 18.00 X 24.00 15+40 MASON STEET, RT - 1 3.0 - (ON STRUCTURE) 010 R7-1L NO PARKING ANY TIME 18.00 X 24.00 22+56 MASON STEET, LT - 1 3.0 - 3.0 - (ON STRUCTURE) 010 R7-1R NO PARKING ANY TIME 18.00 X 24.00 22+56 MASON STEET, RT 1 3.0 - 3.0 - (ATTACHED TO EXISTING 010 R7-1R NO PARKING ANY TIME 18.00 X 24.00 22+59 MASON STEET, RT 3.0 3.0 - (ATTACHED TO EXISTING 010 R7-1R NO PARKING ANY TIME 18.00 X 24.00 22+59 MASON STEET, RT 3.0 3.0 - (ATTACHED TO EXISTING 010 R7-1R NO PARKING ANY TIME 18.00 X 24.00 22+59 MASON STEET, RT 3.0 3.0 - (ATTACHED TO EXISTING 010 R7-1R NO PARKING ANY TIME 18.00 X 24.00 22+59 MASON STEET, RT 3.0 3.0 - (ATTACHED TO EXISTING 010 R7-1R NO PARKING ANY TIME 18.00 X 24.00 22+59 MASON STEET, RT 3.0 3.0 - (ATTACHED TO EXISTING 010 R7-1R NO PARKING ANY TIME 18.00 X 24.00 22+59 MASON STEET, RT 3.0 3.0 (ATTACHED TO EXISTING 010 R7-1R NO PARKING ANY TIME 18.00 X 24.00 22+59 MASON STEET, RT 3.0 3.0 (ATTACHED TO EXISTING 010 R7-1R NO PARKING ANY TIME 18.00 X 24.00 22+59 MASON STEET, RT 3.0 3.0 (ATTACHED TO EXISTING 010 R7-1R NO PARKING ANY TIME 18.00 X 24.00 22+59 MASON STEET, RT 3.0 3.0 (ATTACHED TO EXISTING 010 R7-1R NO PARKING ANY TIME 18.00 X 24.00 22+59 MASON STEET, RT 3.0 3.0 (ATTACHED TO EXISTING 010 R7-1R NO PARKING ANY TIME 18.00 X 24.00 22-59 MASON STEET, RT 3.0 3.0 (ATTACHED TO EXISTING 010 R7-1R NO PARKING ANY TIME 18.00 X 24.00 22-59 MASON STEET, RT	0010	R9-3	NO PEDESTRIAN CROSSING	12.00	X	18.00	14+51	MASON STEET, RT	-	1	1.5	-	(ON STRUCTURE)
0010 R9-3 NO PEDESTRIAN CROSSING 12.00 X 18.00 14+86 MASON STEET, RT - 1 1.55 - (ON STRUCTURE) 0010 R9-3 NO PEDESTRIAN CROSSING 12.00 X 18.00 14+90 MASON STEET, LT - 1 1.55 - (ON STRUCTURE) 0010 R7-8A RESERVED PARKING 12.00 X 18.00 15+05 MASON STEET, RT - 1 1.55 - (ON STRUCTURE) 0010 R7-1L NO PARKING ANY TIME 18.00 X 24.00 15+33 MASON STEET, RT - 1 3.0 - (ON STRUCTURE) 0010 R7-1D NO PARKING ANY TIME 18.00 X 24.00 15+40 MASON STEET, LT - 1 3.0 - (ON STRUCTURE) 0010 R7-1L NO PARKING ANY TIME 18.00 X 24.00 15+40 MASON STEET, LT - 1 3.0 - (ON STRUCTURE) 0010 R7-1R NO PARKING ANY TIME 18.00 X 24.00 22+56 MASON STEET, LT - 3.0 3.0 - (ATTACHED TO EXISTING ODIO R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 CROSSWALK N LINCOLN MEMORIAL DR, SB, LT - 3.0 3.0 (ATTACHED TO EXISTING ODIO R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 CROSSWALK N LINCOLN MEMORIAL DR, SB, LT - 3.0 3.0 (ATTACHED TO EXISTING ODIO R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 CROSSWALK N LINCOLN MEMORIAL DR, SB, LT - 3.0 3.0 (ATTACHED TO EXISTING ODIO R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 CROSSWALK N LINCOLN MEMORIAL DR, SB, LT - 3.0 3.0 (ATTACHED TO EXISTING ODIO R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 CROSSWALK N LINCOLN MEMORIAL DR, SB, LT - 3.0 3.0 (ATTACHED TO EXISTING ODIO R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 CROSSWALK N LINCOLN MEMORIAL DR, NB, RT - 3.0 3.0 (ATTACHED TO EXISTING ODIO R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 CROSSWALK N LINCOLN MEMORIAL DR, NB, RT - 3.0 3.0 (ATTACHED TO EXISTING ODIO R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 CROSSWALK N LINCOLN MEMORIAL DR, NB, RT - 3.0 3.0 (ATTACHED TO EXISTING ODIO R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 CROSSWALK N LINCOLN MEMORIAL DR, NB, RT - 3.0 3.0 (ATTACHED TO EXISTING ODIO R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 CROSSWALK N LINCOLN MEMORIAL DR, NB, RT - 3.0 3.0 (ATTACHED TO EXISTING ODIO R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 CROSSWALK N LINCOLN MEMORIAL DR, NB, RT - 3.0 3.0 (ATTACHED TO EXISTING ODIO R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 CROSSWALK N LINCOLN MEMORIAL DR, NB, RT - 3.0 3.0 (ATTACHED TO EXISTI	0010	R7-8A	RESERVED PARKING	12.00	X	18.00	14+59	MASON STEET, RT	-	1	1.5	-	(ON STRUCTURE)
010 R9-3 NO PEDESTRIAN CROSSING 12.00 X 18.00 14+90 MASON STEET, LT - 1 1.5	0010	R7-8A	RESERVED PARKING	12.00	X	18.00	14+76	MASON STEET, RT	-	1	1.5	-	(ON STRUCTURE)
0010 R7-8A RESERVED PARKING 12.00 X 18.00 15+05 MASON STEET, RT - 1 1 1.5 - (ON STRUCTURE) 0010 R7-1L NO PARKING ANY TIME 18.00 X 24.00 15+33 MASON STEET, RT - 1 1 3.0 3.0 - (ON STRUCTURE) 0010 R7-1D NO PARKING ANY TIME 18.00 X 24.00 15+40 MASON STEET, LT - 1 3.0 3.0 - (ON STRUCTURE) 0010 R7-1L NO PARKING ANY TIME 18.00 X 24.00 22+56 MASON STEET, LT - 1 3.0 3.0 - (ATTACHED TO EXISTING) 0010 R7-1R NO PARKING ANY TIME 18.00 X 24.00 22+56 MASON STEET, LT 1 3.0 4.0 (ATTACHED TO EXISTING) 0010 R7-1R NO PARKING ANY TIME 18.00 X 24.00 22+59 MASON STEET, LT 3.0 (ATTACHED TO EXISTING) 0010 R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 CROSSWALK N LINCOLN MEMORIAL DR, SB, RT 3.0 0010 R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 CROSSWALK N LINCOLN MEMORIAL DR, SB, LT 3.0 0010 R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 CROSSWALK N LINCOLN MEMORIAL DR, NB, RT 3.0 (ATTACHED TO EXISTING) 0010 R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 CROSSWALK N LINCOLN MEMORIAL DR, NB, RT 3.0 (ATTACHED TO EXISTING) 0010 R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 CROSSWALK N LINCOLN MEMORIAL DR, NB, RT 3.0 (ATTACHED TO EXISTING) 0010 R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 CROSSWALK N LINCOLN MEMORIAL DR, NB, RT 3.0 (ATTACHED TO EXISTING) 0010 R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 CROSSWALK N LINCOLN MEMORIAL DR, NB, RT 3.0 (ATTACHED TO EXISTING) 0010 R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 CROSSWALK N LINCOLN MEMORIAL DR, NB, RT 3.0 (ATTACHED TO EXISTING) 0010 R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 CROSSWALK N LINCOLN MEMORIAL DR, NB, RT 3.0 (ATTACHED TO EXISTING) 0010 R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 CROSSWALK N LINCOLN MEMORIAL DR, NB, RT 3.0 (ATTACHED TO EXISTING)	0010	R9-3	NO PEDESTRIAN CROSSING	12.00	Χ	18.00	14+86	MASON STEET, RT	-	1	1.5	-	(ON STRUCTURE)
0010 R7-1L NO PARKING ANY TIME 18.00 X 24.00 15+33 MASON STEET, RT - 1 3.0 - (ON STRUCTURE) 0010 R7-1D NO PARKING ANY TIME 18.00 X 24.00 15+40 MASON STEET, LT - 1 3.0 3.0 - (ON STRUCTURE) 0010 R7-1L NO PARKING ANY TIME 18.00 X 24.00 22+56 MASON STEET, LT - 1 3.0 3.0 - (ATTACHED TO EXISTING 0010 R7-1R NO PARKING ANY TIME 18.00 X 24.00 22+59 MASON STEET, LT 3.0 3.0 - (ATTACHED TO EXISTING 0010 R7-1R NO PARKING ANY TIME 18.00 X 24.00 22+59 MASON STEET, LT 3.0 3.0 - (ATTACHED TO EXISTING 0010 R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 CROSSWALK N LINCOLN MEMORIAL DR, SB, RT 3.0 3.0 (ATTACHED TO EXISTING 0010 R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 CROSSWALK N LINCOLN MEMORIAL DR, SB, LT 1 3.0 3.0 (ATTACHED TO EXISTING 0010 R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 CROSSWALK N LINCOLN MEMORIAL DR, NB, RT 3.0 (ATTACHED TO EXISTING 0010 R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 CROSSWALK N LINCOLN MEMORIAL DR, NB, RT 3.0 3.0 (ATTACHED TO EXISTING 0010 R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 CROSSWALK N LINCOLN MEMORIAL DR, NB, RT 3.0 (ATTACHED TO EXISTING 0010 R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 CROSSWALK N LINCOLN MEMORIAL DR, NB, RT 3.0 (ATTACHED TO EXISTING 0010 R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 CROSSWALK N LINCOLN MEMORIAL DR, NB, RT 3.0 (ATTACHED TO EXISTING 0010 R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 CROSSWALK N LINCOLN MEMORIAL DR, NB, RT 3.0 (ATTACHED TO EXISTING	0010	R9-3	NO PEDESTRIAN CROSSING	12.00	X	18.00	14+90	MASON STEET, LT	-	1	1.5	-	(ON STRUCTURE)
0010 R7-1D NO PARKING ANY TIME 18.00 X 24.00 15+40 MASON STEET, LT - 1 3.0 - (ON STRUCTURE) 0010 R7-1L NO PARKING ANY TIME 18.00 X 24.00 22+56 MASON STEET, LT 1 3.0 - (ATTACHED TO EXISTING 0010 R7-1R NO PARKING ANY TIME 18.00 X 24.00 22+59 MASON STEET, RT 3.0 3.0 - (ATTACHED TO EXISTING 0010 R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 CROSSWALK N LINCOLN MEMORIAL DR, SB, RT 3.0 (ATTACHED TO EXISTING 0010 R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 CROSSWALK N LINCOLN MEMORIAL DR, SB, LT 1 3.0 0010 R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 CROSSWALK N LINCOLN MEMORIAL DR, SB, LT 1 3.0 0010 R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 CROSSWALK N LINCOLN MEMORIAL DR, NB, RT 3.0 (ATTACHED TO EXISTING 0010 R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 CROSSWALK N LINCOLN MEMORIAL DR, NB, RT 3.0 (ATTACHED TO EXISTING 0010 R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 CROSSWALK N LINCOLN MEMORIAL DR, NB, RT 3.0 (ATTACHED TO EXISTING 0010 R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 CROSSWALK N LINCOLN MEMORIAL DR, NB, RT 3.0 (ATTACHED TO EXISTING 0010 R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 CROSSWALK N LINCOLN MEMORIAL DR, NB, RT 3.0 (ATTACHED TO EXISTING 0010 R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 CROSSWALK N LINCOLN MEMORIAL DR, NB, RT 3.0 (ATTACHED TO EXISTING 0010 R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 CROSSWALK N LINCOLN MEMORIAL DR, NB, RT 3.0 (ATTACHED TO EXISTING	0010	R7-8A	RESERVED PARKING	12.00	X	18.00	15+05	MASON STEET, RT	-	1	1.5	-	(ON STRUCTURE)
0010 R7-1L NO PARKING ANY TIME 18.00 X 24.00 22+56 MASON STEET, LT 3.0 3.0 - (ATTACHED TO EXISTING ODIO R7-1R NO PARKING ANY TIME 18.00 X 24.00 22+59 MASON STEET, RT 3.0 3.0 - (ATTACHED TO EXISTING ODIO R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 CROSSWALK N LINCOLN MEMORIAL DR, SB, RT 3.0 (ATTACHED TO EXISTING ODIO R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 CROSSWALK N LINCOLN MEMORIAL DR, SB, LT 1 3.0 (ATTACHED TO EXISTING ODIO R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 CROSSWALK N LINCOLN MEMORIAL DR, NB, RT 3.0 (ATTACHED TO EXISTING ODIO R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 CROSSWALK N LINCOLN MEMORIAL DR, NB, RT 3.0 (ATTACHED TO EXISTING ODIO R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 CROSSWALK N LINCOLN MEMORIAL DR, NB, RT 3.0 (ATTACHED TO EXISTING ODIO R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 CROSSWALK N LINCOLN MEMORIAL DR, NB, RT 3.0 (ATTACHED TO EXISTING ODIO R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 (ATTACHED TO EXISTING ODIO R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 CROSSWALK N LINCOLN MEMORIAL DR, NB, LT 3.0 (ATTACHED TO EXISTING ODIO R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 (ATTACHED TO EXISTING ODIO R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 CROSSWALK N LINCOLN MEMORIAL DR, NB, LT 3.0 (ATTACHED TO EXISTING ODIO R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 (ATTACHED TO EXISTING ODIO R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 (ATTACHED TO EXISTING ODIO R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 (ATTACHED TO EXISTING ODIO R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 (ATTACHED TO EXISTING ODIO R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 (ATTACHED TO EXISTING ODIO R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 (ATTACHED TO EXISTING ODIO R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 (ATTACHED TO EXISTING ODIO R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 (ATTACHED TO PEDESTRIAN 12.00 Y 36.00 Y	0010	R7-1L	NO PARKING ANY TIME	18.00	X	24.00	15+33	MASON STEET, RT	-	1	3.0	-	(ON STRUCTURE)
0010 R7-1R NO PARKING ANY TIME 18.00 X 24.00 22+59 MASON STEET, RT 3.0 3.0 - (ATTACHED TO EXISTING ONLY INC.) 0010 R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 CROSSWALK N LINCOLN MEMORIAL DR, SB, RT 3.0 3.0 (ATTACHED TO EXISTING ONLY INC.) 0010 R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 CROSSWALK N LINCOLN MEMORIAL DR, NB, RT 3.0 3.0 (ATTACHED TO EXISTING ONLY INC.) 0010 R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 CROSSWALK N LINCOLN MEMORIAL DR, NB, RT 3.0 (ATTACHED TO EXISTING ONLY INC.) 0010 R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 CROSSWALK N LINCOLN MEMORIAL DR, NB, RT 3.0 (ATTACHED TO EXISTING ONLY INC.) 0010 R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 CROSSWALK N LINCOLN MEMORIAL DR, NB, RT 3.0 (ATTACHED TO EXISTING ONLY INC.)	0010	R7-1D	NO PARKING ANY TIME	18.00	X	24.00	15+40	MASON STEET, LT	-	1	3.0	-	(ON STRUCTURE)
0010 R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 CROSSWALK N LINCOLN MEMORIAL DR, SB, RT 3.0 (ATTACHED TO EXISTING 0010 R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 CROSSWALK N LINCOLN MEMORIAL DR, SB, LT 1 3.0 3.0 (ATTACHED TO EXISTING 0010 R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 CROSSWALK N LINCOLN MEMORIAL DR, NB, RT 3.0 (ATTACHED TO EXISTING 0010 R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 CROSSWALK N LINCOLN MEMORIAL DR, NB, LT 3.0 (ATTACHED TO EXISTING 0010 R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 CROSSWALK N LINCOLN MEMORIAL DR, NB, LT 3.0 (ATTACHED TO EXISTING 0010 R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 CROSSWALK N LINCOLN MEMORIAL DR, NB, LT 3.0 (ATTACHED TO EXISTING 0010 R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 CROSSWALK N LINCOLN MEMORIAL DR, NB, LT 3.0 (ATTACHED TO EXISTING 0010 R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 CROSSWALK N LINCOLN MEMORIAL DR, NB, LT 3.0 (ATTACHED TO EXISTING 0010 R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 (ATTACHED TO EXISTING 0010 R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 CROSSWALK N LINCOLN MEMORIAL DR, NB, LT 3.0 (ATTACHED TO EXISTING 0010 R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 CROSSWALK N LINCOLN MEMORIAL DR, NB, LT 3.0 (ATTACHED TO EXISTING 0010 R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 CROSSWALK N LINCOLN MEMORIAL DR, NB, LT 3.0 (ATTACHED TO EXISTING 0010 R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 CROSSWALK N LINCOLN MEMORIAL DR, NB, LT 3.0 (ATTACHED TO EXISTING 0010 R1-6 YIELD TO PEDESTRIAN 12.00 Y 36.00 CROSSWALK N LINCOLN MEMORIAL DR, NB, LT 3.0 (ATTACHED TO EXISTING 0010 Y 30.00	0010	R7-1L	NO PARKING ANY TIME	18.00	X	24.00	22+56	MASON STEET, LT	-	-	3.0	-	(ATTACHED TO EXISTING POLE)
0010 R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 CROSSWALK N LINCOLN MEMORIAL DR, SB, LT 1 3.0 010 R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 CROSSWALK N LINCOLN MEMORIAL DR, NB, RT 3.0 (ATTACHED TO EXISTING OD10 R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 CROSSWALK N LINCOLN MEMORIAL DR, NB, LT 3.0 (ATTACHED TO EXISTING OD10 R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 CROSSWALK N LINCOLN MEMORIAL DR, NB, LT 3.0 (ATTACHED TO EXISTING OD10 PEDESTRIAN DECEMBER OF THE PEDESTRIAN DE	0010	R7-1R	NO PARKING ANY TIME	18.00	Х	24.00	22+59	MASON STEET, RT	-	-	3.0	-	(ATTACHED TO EXISTING POLE)
0010 R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 CROSSWALK N LINCOLN MEMORIAL DR, NB, RT 3.0 (ATTACHED TO EXISTING 0010 R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 CROSSWALK N LINCOLN MEMORIAL DR, NB, LT 3.0 (ATTACHED TO EXISTING 0010 R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 CROSSWALK N LINCOLN MEMORIAL DR, NB, LT 3.0 (ATTACHED TO EXISTING 0010 R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 CROSSWALK N LINCOLN MEMORIAL DR, NB, LT 3.0 (ATTACHED TO EXISTING 0010 R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 CROSSWALK N LINCOLN MEMORIAL DR, NB, LT 3.0 (ATTACHED TO EXISTING 0010 R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 CROSSWALK N LINCOLN MEMORIAL DR, NB, LT 3.0 (ATTACHED TO EXISTING 0010 R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 CROSSWALK N LINCOLN MEMORIAL DR, NB, LT 3.0 (ATTACHED TO EXISTING 0010 R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 CROSSWALK N LINCOLN MEMORIAL DR, NB, LT 3.0 (ATTACHED TO EXISTING 0010 R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 CROSSWALK N LINCOLN MEMORIAL DR, NB, LT 3.0 (ATTACHED TO EXISTING 0010 R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 CROSSWALK N LINCOLN MEMORIAL DR, NB, LT 3.0 (ATTACHED TO EXISTING 0010 R1-6 YIELD TO PEDESTRIAN 12.00 Y 36.00 CROSSWALK N LINCOLN MEMORIAL DR, NB, LT 3.0 (ATTACHED TO PEDESTRIAN 12.00 Y 36.00 CROSSWALK N LINCOLN MEMORIAL DR, NB, LT 3.0 (ATTACHED TO PEDESTRIAN 12.00 Y 36.00 CROSSWALK N LINCOLN MEMORIAL DR, NB, LT 3.0 (ATTACHED TO PEDESTRIAN 12.00 Y 36.00 CROSSWALK N LINCOLN MEMORIAL DR, NB, LT 3.0 (ATTACHED TO PEDESTRIAN 12.00 Y 36.00 CROSSWALK N LINCOLN MEMORIAL DR, NB, LT 3.0 (ATTACHED TO PEDESTRIAN 12.00 Y 36.00 CROSSWALK N LINCOLN MEMORIAL DR, NB, LT 3.0 (ATTACHED TO PEDESTRIAN 12.00 Y 36.00 CROSSWALK N LINCOLN MEMORIAL DR, NB, LT 3.0 (ATTACHED TO PEDESTRIAN 12.00 Y 36.00 CROSSWALK N LINCOLN MEMORIAL DR, NB, LT 3.0 (ATTACHED TO PEDESTRIAN 12.00 Y 36.00 CROSSWALK N LINCOLN MEMORIAL DR, NB, LT 3.0 (ATTACHED TO PEDESTRIAN 12.00 Y 36.00 CROSSWALK N LINCOLN MEMORIAL DR, NB, LT 3.0 (ATTACHED TO PEDESTRIAN 12.00 Y 36.00	0010	R1-6	YIELD TO PEDESTRIAN	12.00	Χ	36.00	CROSSWALK	N LINCOLN MEMORIAL DR, SB, RT	-	-	-	3.0	(ATTACHED TO EXISTING POST)
0010 R1-6 YIELD TO PEDESTRIAN 12.00 X 36.00 CROSSWALK N LINCOLN MEMORIAL DR, NB, LT 3.0 (ATTACHED TO EXISTING	0010	R1-6	YIELD TO PEDESTRIAN	12.00	Χ	36.00	CROSSWALK	N LINCOLN MEMORIAL DR, SB, LT	1	-	-	3.0	
OUT THE TOTAL PROPERTY OF THE	0010	R1-6	YIELD TO PEDESTRIAN	12.00	Χ	36.00	CROSSWALK	N LINCOLN MEMORIAL DR, NB, RT	-	-	-	3.0	(ATTACHED TO EXISTING POST)
TOTAL 0010 1 10 50.0 12.0	0010	R1-6	YIELD TO PEDESTRIAN	12.00	Х	36.00	CROSSWALK	N LINCOLN MEMORIAL DR, NB, LT	-	-	-	3.0	(ATTACHED TO EXISTING POST)
								TOTAL 0010	1	10	50.0	12.0	

PROJECT NO: 2984-15-78 HWY: LOCAL STREET

COUNTY: MILWAUKEE

PLOT DATE: 9/18/2024 11:06 AW

PLOT BY: BRETT PETERSON PLOT NAME: PLOT NAME: PLOT SALE: 1"=1'

WISSON/CADDS SHEET

BRETT PETERSON PLOT NAME: PLOT SALE: 1"=1'

WISSON/CADDS SHEET

WISSON/CADDS SHEET

WISSON/CADDS SHEET

BRETT PETERSON PLOT NAME: PLOT NAME: PLOT SALE: 1"=1'

WISSON/CADDS SHEET

WISSON/CADDS SHEET

WISSON/CADDS SHEET

PLOT DATE: 9/18/2024 11:06 AW

WISSON/CADDS SHEET

LATOUT NAME - 06

FIELD OFFICE

642.5201 FIELD OFFICE TYPE C E MASON ST TOTAL 0010

TRAFFIC CONTROL

			643.0300	643.0410 TRAFFIC CONTROL BARRICADES	643.0420 TRAFFIC CONTROL BARRICADES	643.0705 TRAFFIC CONTROL WARNING	643.0715 TRAFFIC CONTROL WARNING	643.0800 TRAFFIC CONTROL ARROW	643.0900	643.1000 TRAFFIC CONTROL SIGNS FIXE	
		DURATION	TRAFFIC CONTROL DRUMS	TYPE II	TYPE III	LIGHTS TYPE A	LIGHTS TYPE C	BOARDS	TRAFFIC CONTROL SIGNS	MESSAGE	TRAFFIC CONTROL
CATEGORY	STAGE	CALENDAR DAYS**	DAY	DAY	DAY	DAY	DAY	DAY	DAY	SF	EACH
0010	E MASON ST DETOUR/CLOSURE - STAGE 1	39	195	351	819	1,989	0	0	2,847	15	-
0010	NORTH LINCOLN MEMORIAL DRIVE STAGE 2A	3	93	6	3	12	24	3	36	-	-
0010	NORTH LINCOLN MEMORIAL DRIVE STAGE 2B	3	93	0	3	6	24	3	30	-	-
0010	NORTH LINCOLN MEMORIAL DRIVE STAGE 2C	3	147	0	3	6	24	3	33	-	-
0010	NORTH LINCOLN MEMORIAL DRIVE STAGE 2D	3	93	0	3	6	24	3	33	-	-
0010	PEDESTRIAN & BIKE DETOUR	39	0	936	0	936	0	0	936	-	-
0010	UNDISTRIBUTED	-	31	65	42	149	5	-	196	-	-
0010	PROJECT	-	-	-	-	-	-	-	-	-	1
		TOTAL 0010	652	1,358	873	3,104	101	12	4,111	15	1

**FOR INFORMATION ONLY

E PROJECT NO: 2984-15-78 HWY: LOCAL STREET COUNTY: MILWAUKEE MISCELLANEOUS QUANTITIES SHEET

PLOT BY: BRETT PETERSON

PLOT SCALE : 1" = 1'

PAVEMENT MARKING

					646.2020	646.3020	646.5020	646.5220	646.7020
					MARKING LINE EPOXY 6-INCH	MARKING LINE EPOXY 8-INCH	MARKING ARROW EPOXY	MARKING SYMBOL EPOXY	MARKING DIAGONAL EPOXY 6-INCH
CATEGORY	STATION	TO	STATION	LOCATION	LF	LF	EACH	EACH	LF
0010	11+48	-	19+68	MASON STREET CENTER LINE, YELLOW	2,345	-	-	-	-
0010	11+48	-	19+68	MASON STREET EDGELINES LT, WHITE	2,232	1,116	3	3	-
0010	11+48	-	19+68	MASON STREET EDGELINES RT, WHITE	2,012	937	3	3	-
0010	11+48	-	19+68	MASON STREET BUFFER LT, WHITE	-	-	-	-	308
0010	11+48	-	19+68	MASON STREET BUFFER RT, WHITE	-	-	-	-	266
0010	11+48	-	19+68	MASON STREET PARKING RT, WHITE	447	-	-	4	-
				TOTAL 0010	7,036	2,053	6	10	574

MARKING LINE REMOVAL

					646.9012	646.9310
					MARKING REMOVAL LINE WATER BLASTING 6-INCH	MARKING REMOVAL SPECIAL MARKING WATER BLASTING
CATEGORY	STATION	TO	STATION	LOCATION	LF	EACH
0010	10+87	-	11+48	MASON ST WEST APPROACH RT	475	1
0010	10+87	-	11+48	MASON ST WEST APPROACH LT	460	-
0010	19+69	-	22+59	MASON ST EAST APPROACH RT	1,171	-
0010	19+69	-	22+59	MASON ST EAST APPROACH LT	1,152	1
0010	12 + 26	-	19 + 01	STRUCTURE B-40-524 LT	2,164	1
0010	13 + 26	-	20 + 01	STRUCTURE B-40-525 RT	2,069	1
				TOTAL 0010	7,491	4

CONSTRUCTION STAKING

					650.5500 CONSTRUCTION STAKING CURB GUTTER AND CURB & GUTTER	650.8000 CONSTRUCTION STAKING RESURFACING REFERENCE	650.9500.01 CONSTRUCTION STAKING SIDEWALK (PROJECT) (01. 2984-15-78)	650.9911.01 CONSTRUCTION STAKING SUPPLEMENTAL CONTROL (PROJECT) (01. 2984-15-78)
CATEGORY	STATION	TO	STATION	LOCATION	LF	LF	EACH	EACH
0010	11+53	-	12+19	MASON ST WEST APPROACH RT	65	-	-	-
0010	12+19	-	12+34	MASON ST WEST APPROACH LT	15	-	-	-
0010	19+01	-	19+25	MASON ST EAST APPROACH RT	25	-	-	-
0010	19+01	-	19+26	MASON ST EAST APPROACH LT	25	-	-	-
0010	11+48	-	19+69	PROJECT	-	145	1	1
				TOTAL 0010	130	145	1	1

E HWY: LOCAL STREET COUNTY: MILWAUKEE SHEET PROJECT NO: 2984-15-78 MISCELLANEOUS QUANTITIES

1977 1978 1979
100 100
CATISION SZATION TO STATION DOCTION SORRO (APPRAL) SORRO (COTOR)
CATGORY 51710H TO 57410H QUATION \$40000 \$40000 \$40000 \$4000 \$4000 \$40000 \$4000 \$4000 \$4000 \$4000 \$4000 \$40000 \$4000 \$4000 \$4000
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690.0150 690.0250 SAWING ASPHALT SAWING CONCRETE CATEGORY STATION TO STATION LOCATION LF LF

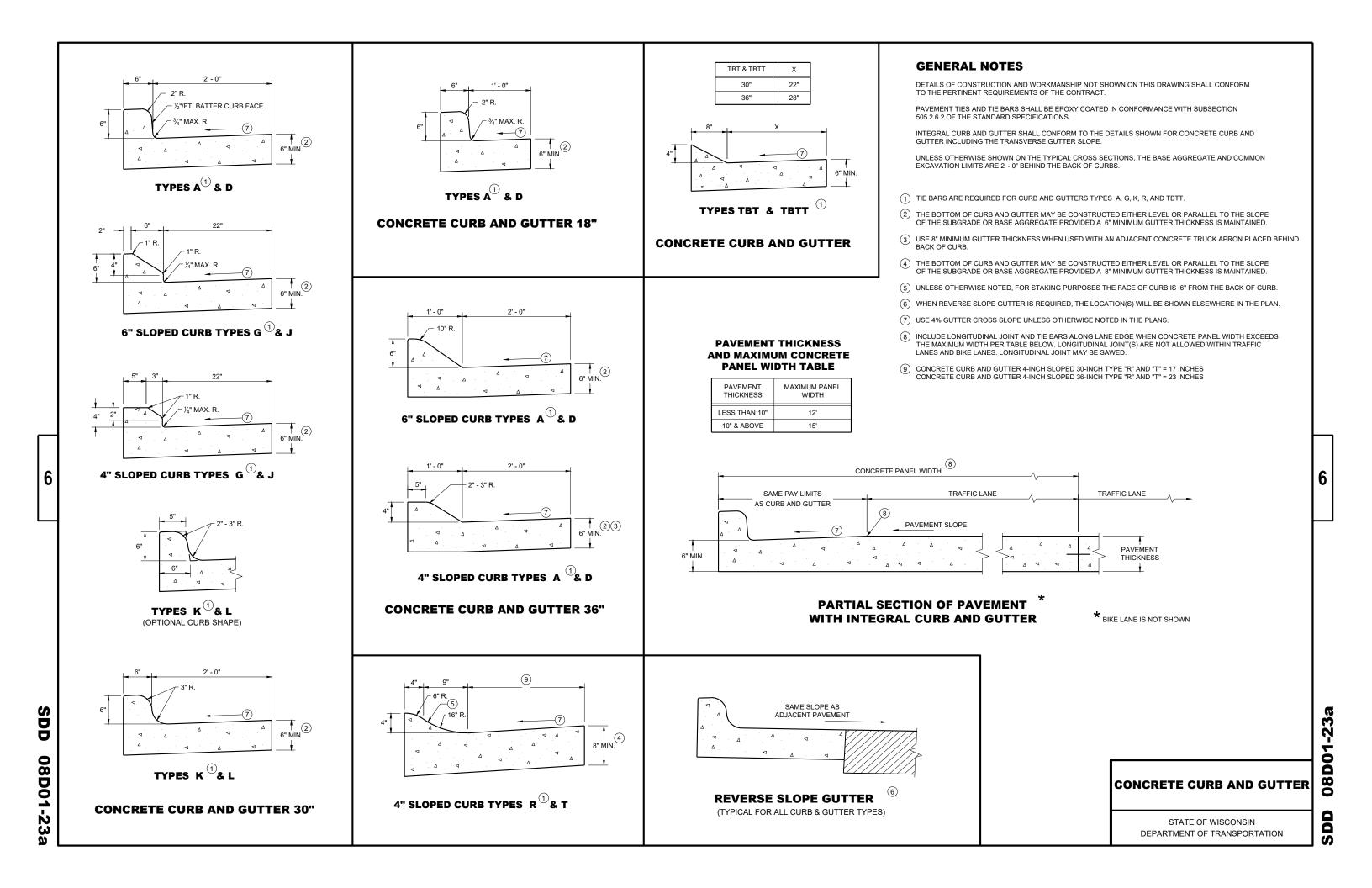
: P:\2023 PROJECTS\5023038 - WISDOT - MASON STREET\DESIGN\CIVIL3D\29841508\SHEETS\030201-MQ.DWG PLOT DATE : 10/18/2024 10:21 AM PLOT BY : BRETT PETERSON PLOT NAME : PLOT SCALE : 1" = 1'

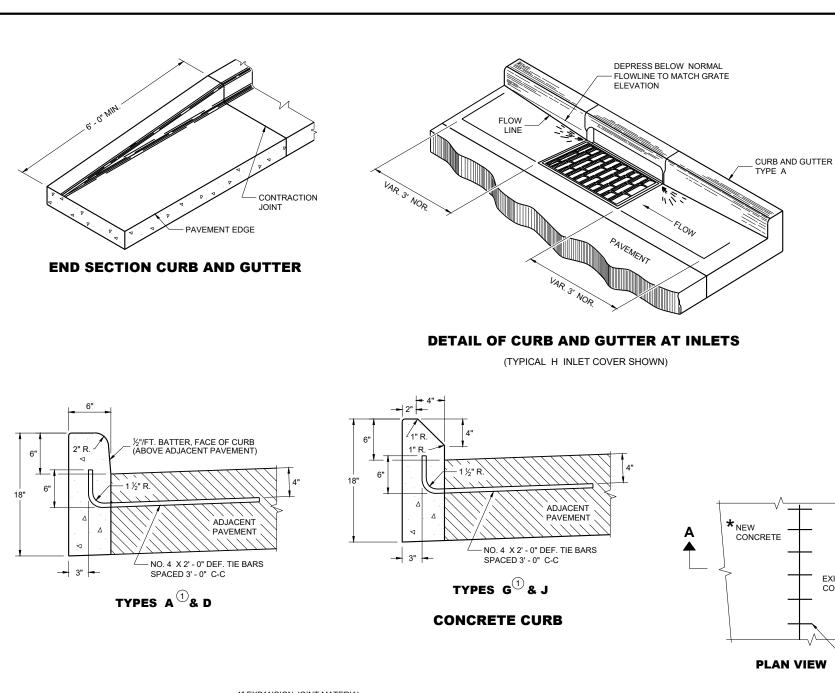
LAYOUT NAME - 09

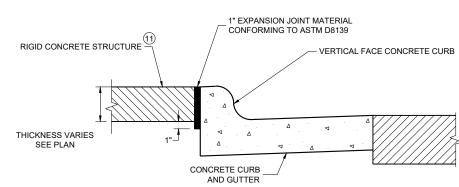
WISDOT/CADDS SHEET 42

Standard Detail Drawing List

08D01-23A	CONCRETE CURB & GUTTER
08D01-23B	CONCRETE CURB, TIES AND CURB AND GUTTER APPLICATIONS
08E10-02	INLET PROTECTION TYPE A, B, C AND D
13C19-03	HMA LONGITUDINAL JOINTS
15C02-09A	BARRICADES AND SIGNS FOR MAINLINE CLOSURES
15C02-09B	BARRICADES AND SIGNS FOR VARIOUS CLOSURES
15C02-09C	DETOUR SIGNING FOR MAINLINE CLOSURES
15C03-05	BARRICADES AND SIGNS FOR SIDEROAD CLOSURES
15C07-15A	
15C07-15C	PAVEMENT MARKING ARROWS
15C07-15E	PAVEMENT MARKING FOR BIKE LANES
15C08-23A	PERMANENT LONGITUDINAL PAVEMENT MARKINGS
15C08-23B	TEMPORARY LONGITUDINAL PAVEMENT MARKING
15C08-23C	PAVEMENT MARKING (TURN LANES)
15C11-10B	CHANNELIZING DEVICES DRUMS, CONES, BARRICADES AND VERTICAL PANELS
15C29-08A	BICYCLE LANE MARKING
15C29-08B	PAVEMENT MARKING FOR SHARED LANE 35 MPH OR LESS
15C33-05	STOP LINE AND CROSSWALK PAVEMENT MARKING
15C36-01	PARKING STALL MARKING
15D20-08A	TRAFFIC CONTROL, SINGLE LANE CLOSURE, DIVIDED NON-FREEWAY/EXPRESSWAY
15D21-07A	TRAFFIC CONTROL, INTERSECTION WITHIN SINGLE LANE CLOSURE
15D21-07B	TRAFFIC CONTROL, INTERSECTION WITHIN SINGLE LANE CLOSURE
15D30-09A	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-09B	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-09C	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-09D	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-09E	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-09F	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-09G	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-09H	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-09I	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-09J	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-09K	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-09L	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION







EXPANSION JOINT DETAIL FOR VERTICAL CURB ABUTTING A RIGID STRUCTURE 119

CONCRETE **EXISTING** CONCRETE * NEW CURB AND GUTTER, SURFACE DRAINS, CONCRETE PAVEMENT OR OTHER NEW CONCRETE. **PLAN VIEW** NO. 6 TIE BARS SPACED 2' - 6" C-C, INSTALLED PERPENDICULAR TO THE CONCRETE MAXIMUM DRILL HOLE SIZE IS 1/8" GREATER THAN TIE BAR DIAMETER 1/2 THICKNESS OF_ NEW CONCRETE **EXISTING**

TIE BARS DRILLED INTO EXISTING PAVEMENT

SECTION A - A

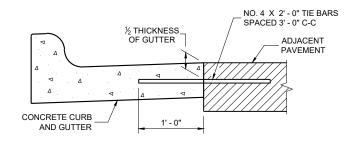
GENERAL NOTES

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

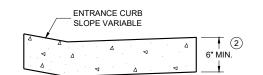
PAVEMENT TIES AND TIE BARS SHALL BE EPOXY COATED IN CONFORMANCE WITH SUBSECTION 505.2.6.2 OF THE STANDARD SPECIFICATIONS.

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.
- (1) 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.



TYPICAL TIE BAR LOCATION



DRIVEWAY ENTRANCE CURB

(WHEN DIRECTED BY THE ENGINEER)

CONCRETE CURB, TIES AND CURB AND GUTTER APPLICATIONS

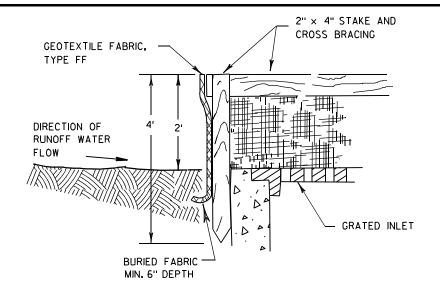
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

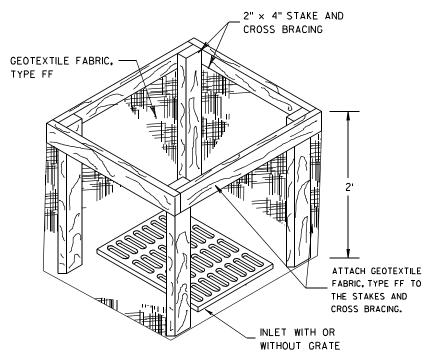
APPROVED

May 2023
DATE
ROADWAY STANDARDS DEVELOPMENT
UNIT SUPERVISOR

SDD 08D01-23b

08D01-2





INLET PROTECTION, TYPE A

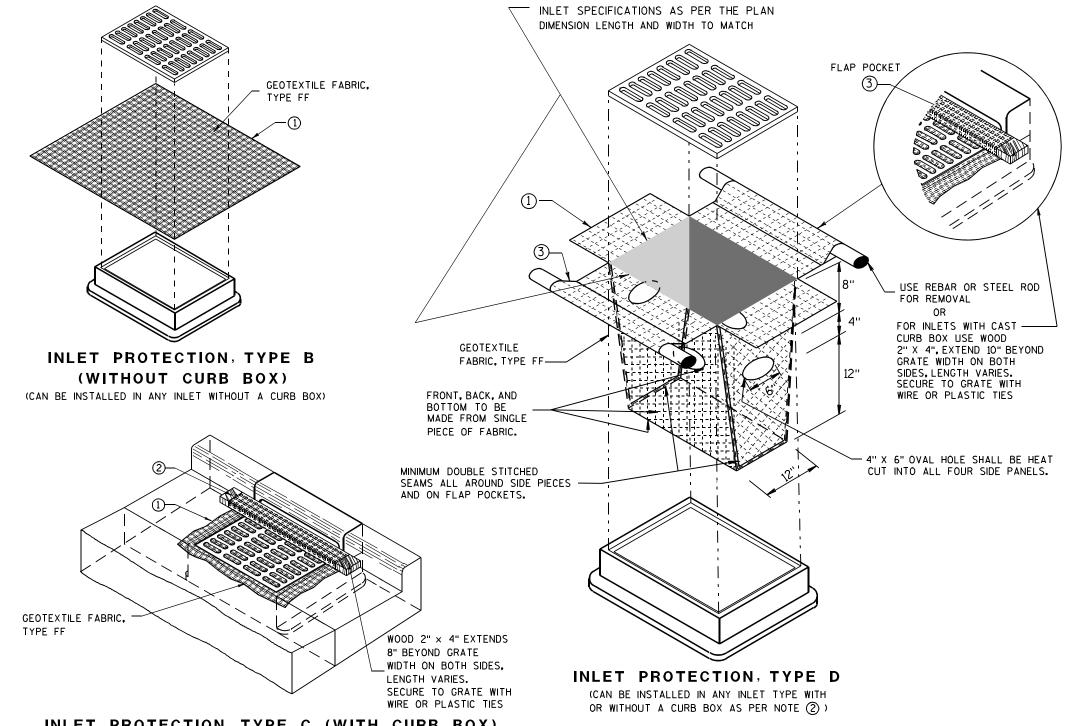
GENERAL NOTES

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

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.



INLET PROTECTION, TYPE C (WITH CURB BOX)

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

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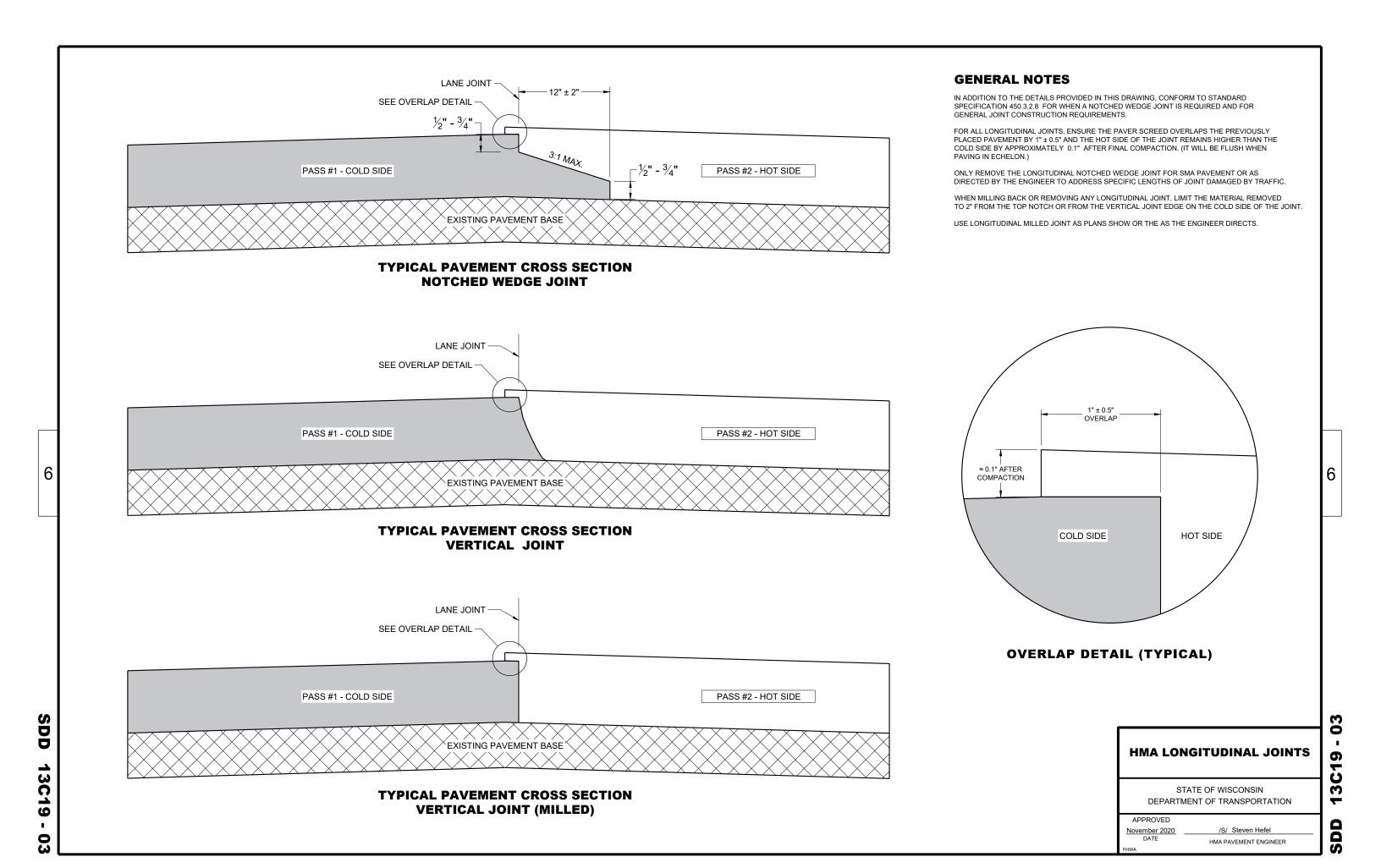
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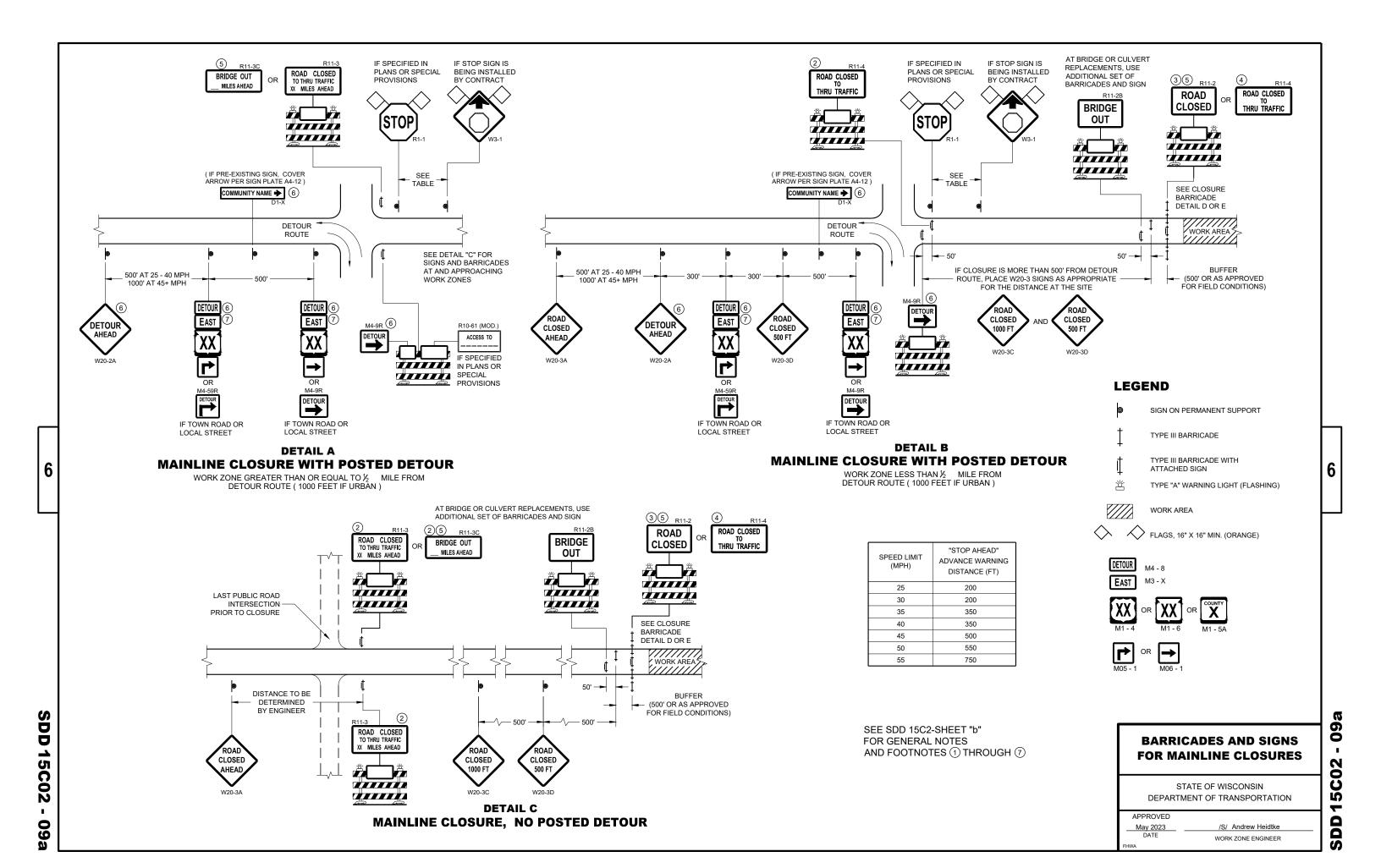
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

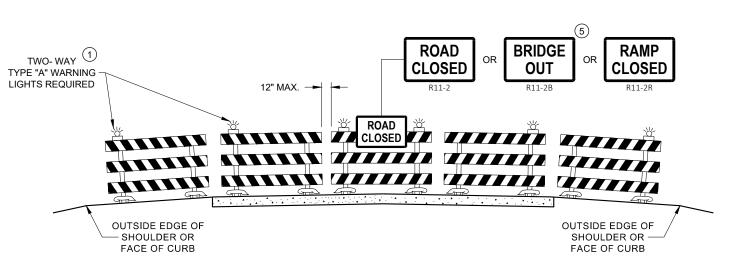
APPROVED

/S/ Beth Cannestra CHIEF ROADWAY DEVELOPMENT ENGINEER

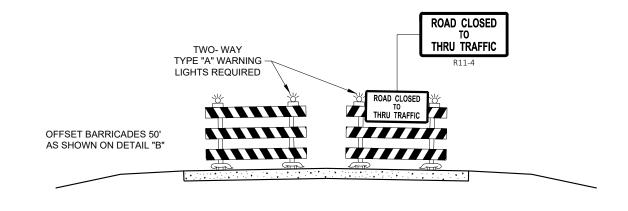
10/16/02







DETAIL D ROAD CLOSURE BARRICADE DETAIL APPROACH VIEW



DETAIL E LANE CLOSURE BARRICADE DETAIL **APPROACH VIEW**

SEE SDD 15C2 - SHEET "a" FOR LEGEND

GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND BARRICADES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE", SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

BARRICADES THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY RE-ESTABLISHED UPON COMPLETION OF THE OPERATION, OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE

ALL TYPE III BARRICADES SHALL HAVE RAILS REFLECTORIZED ON BOTH FACES. STRIPES SHALL BE PROPERLY SLOPED DOWN TOWARD THE TRAFFIC SIDE OR AS SHOWN IN THE ROAD CLOSURE BARRICADE DETAIL "D" FOR FULL ROAD CLOSURES.

TYPE "A" LOW - INTENSITY FLASHING WARNING LIGHTS SHALL BE VISIBLE ON BOTH SIDES OF THE BARRICADE.

THE R11 - 2. R11 - 3. M4 - 9. R11 - 4. AND R10 - 61 SIGNS PLACED ON THE BARRICADES SHALL COVER NO MORE THAN THE TOP RAIL. THE SIGNS SHALL NOT COVER ANY PORTION OF THE MIDDLE RAIL OR BOTTOM RAILS.

"WO" AND "MO" SIGNS ARE THE SAME AS "W" AND "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED BELOW:

R11 - 2 SHALL BE 48" X 30"

R11 - 3 SHALL, R11 - 4 AND R10 - 61 SHALL BE 60 " X 30"

M4 - 9 SHALL BE 30" X 24"

M3 - X SHALL BE 24" X 12" (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS)

M4 - 8 SHALL BE 24" X 12" (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS)

M1 - 4, M1 - 5A AND M1 - 6 SHALL BE 24" X 24" (36" X 36" IF NEEDED TO MATCH EXISTING SIGNS)

MO5 - 1 AND MO6 - 1 SHALL BE 21" X 21" (30" X 30" IF NEEDED TO MATCH EXISTING SIGNS) D1 - X SHALL BE AS SHOWN ON SPECIFIC PROJECT SIGNING DETAIL SHEETS.

R1 - 1 SHALL BE 36" X 36"

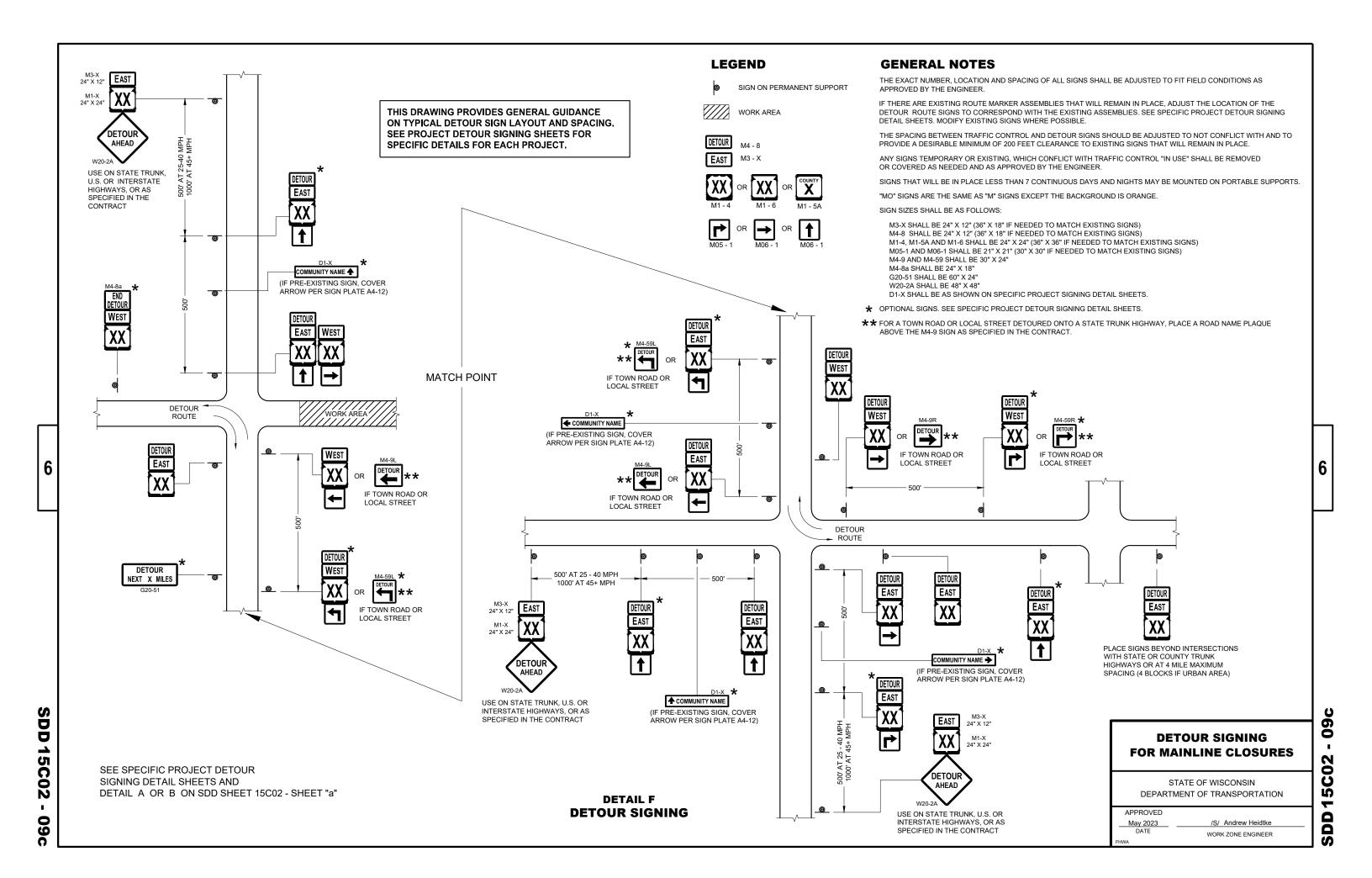
- TWO WARNING LIGHTS SHALL BE PROVIDED ON THE CENTER BARRICADE AND A MINIMUM OF ONE WARNING LIGHT SHALL BE PROVIDED ON EACH OF THE OTHER BARRICADES WITHIN THE ROADWAY LIMITS. SPACING OF THE WARNING LIGHTS SHALL BE UNIFORM TO THE EDGE OF ROADWAY AS SHOWN (APPROX. 8 FOOT LIGHT **SPACING**
- THESE SIGNS AND BARRICADES ARE NOT REQUIRED IF ROAD CLOSURE BEGINS AT AN INTERSECTION.
- (3) FOR ROAD CLOSURE <u>WITHOUT</u> LOCAL ACCESS TO PROJECT, SEE ROAD CLOSURE BARRICADE DETAIL "D".
- (4) FOR ROAD CLOSURE WITH LOCAL ACCESS TO PROJECT, SEE ROAD CLOSURE BARRICADE DETAIL "E".
- (5) FOR BRIDGE OR CULVERT REPLACEMENTS, SUBSTITUTE "BRIDGE OUT" INSTEAD OF "ROAD CLOSED" ON R11 - 2 AND R11 - 3 SIGNS.
- (6) INSTALL DETOUR AND COMMUNITY GUIDE SIGNS AND ARROWS ONLY IF SPECIFIED IN THE CONTRACT. IF THERE ARE EXISTING ROUTE MARKER ASSEMBLIES THAT WILL REMAIN IN PLACE, ADJUST THE LOCATION OF THE DETOUR ROUTE SIGNS TO CORRESPOND WITH THE EXISTING ASSEMBLIES. MODIFY EXISTING SIGNS WHERE POSSIBLE. SEE SPECIFIC PROJECT DETOUR SIGNING DETAIL SHEETS. IF DETOUR SIGNS ARE BEING INSTALLED BY OTHERS. PLACE THE CONTRACTED TRAFFIC CONTROL SIGNS TO ALLOW FOR PLACEMENT OF ALL WARNING, DETOUR AND GUIDE
- "EAST" CARDINAL DIRECTION MARKERS AND RIGHT TURN ARROWS ARE SHOWN. USE OTHER CARDINAL DIRECTIONS AND ARROWS AS APPROPRIATE.

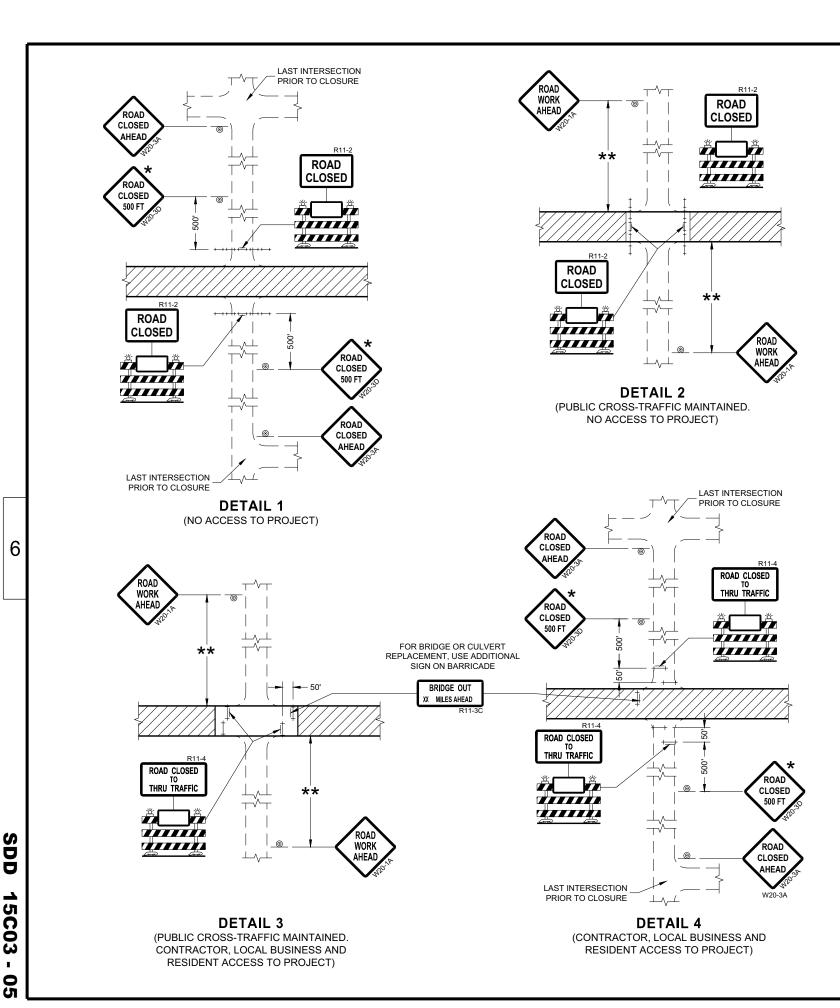
BARRICADES AND SIGNS FOR **VARIOUS CLOSURES**

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVED May 2023 DATE WORK ZONE ENGINEER

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GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND BARRICADES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE (500 FEET DESIRABLE) TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

IF A "STOP" SIGN MUST BE REMOVED FOR A WORK OPERATION, A TEMPORARY "STOP" SIGN SHALL BE PLACED PRIOR TO THE SIGN REMOVAL, OR A FLAGGER SHALL BE PROVIDED UNTIL THE SIGN IS REESTABLISHED.

BARRICADES THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY REESTABLISHED UPON COMPLETION OF THE OPERATION OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

SIGNS THAT WILL BE IN PLACE LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

ALL TYPE III BARRICADES SHALL HAVE RAILS REFLECTORIZED ON BOTH FACES. STRIPES SHALL BE PROPERLY SLOPED DOWN TOWARD THE TRAFFIC SIDE OR AS SHOWN IN THE ROAD CLOSURE BARRICADE DETAIL "D" FOR FULL ROAD CLOSURES.

TYPE "A" LOW-INTENSITY FLASHING WARNING LIGHTS SHALL BE VISIBLE ON BOTH SIDES OF THE BARRICADE.

THE R11-2, R11-3, AND R11-4 SIGNS PLACED ON BARRICADES SHALL COVER NO MORE THAN THE TOP RAIL. THE SIGNS SHALL NOT COVER ANY PORTION OF THE MIDDLE OR BOTTOM RAILS.

ALL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED BELOW: R11-2 SHALL BE 48" X 30". R11-4 AND R11-3 SHALL BE 60" X 30".

- ★ OMIT THE "ROAD CLOSED 500 FT." SIGN IF THE LAST INTERSECTION IS 500 FEET OR LESS FROM THE WORK ZONE.
- ** 500' MAX. OR AT LAST INTERSECTION, WHICHEVER IS CLOSEST.

LEGEND

SIGN ON PERMANENT SUPPORT

TYPE III BARRICADE

TYPE III BARRICADE WITH ATTACHED SIGN

TYPE "A" WARNING LIGHT (FLASHING)

WORK AREA

BARRICADES AND SIGNS FOR **SIDEROAD CLOSURES**

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

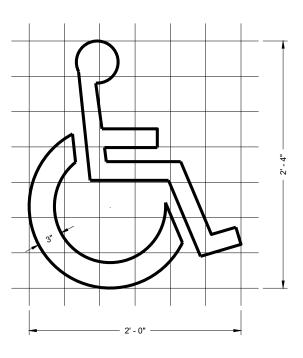
APPROVED July 2018 DATE /S/ Andrew Heidtke WORK ZONE ENGINEER ŭ

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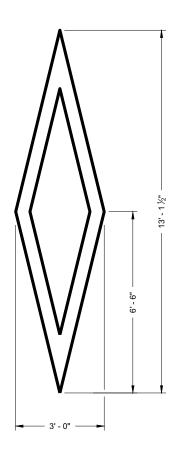
15a

GENERAL NOTES

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



HANDICAP SYMBOL



PREFERENTIAL LANE SYMBOL

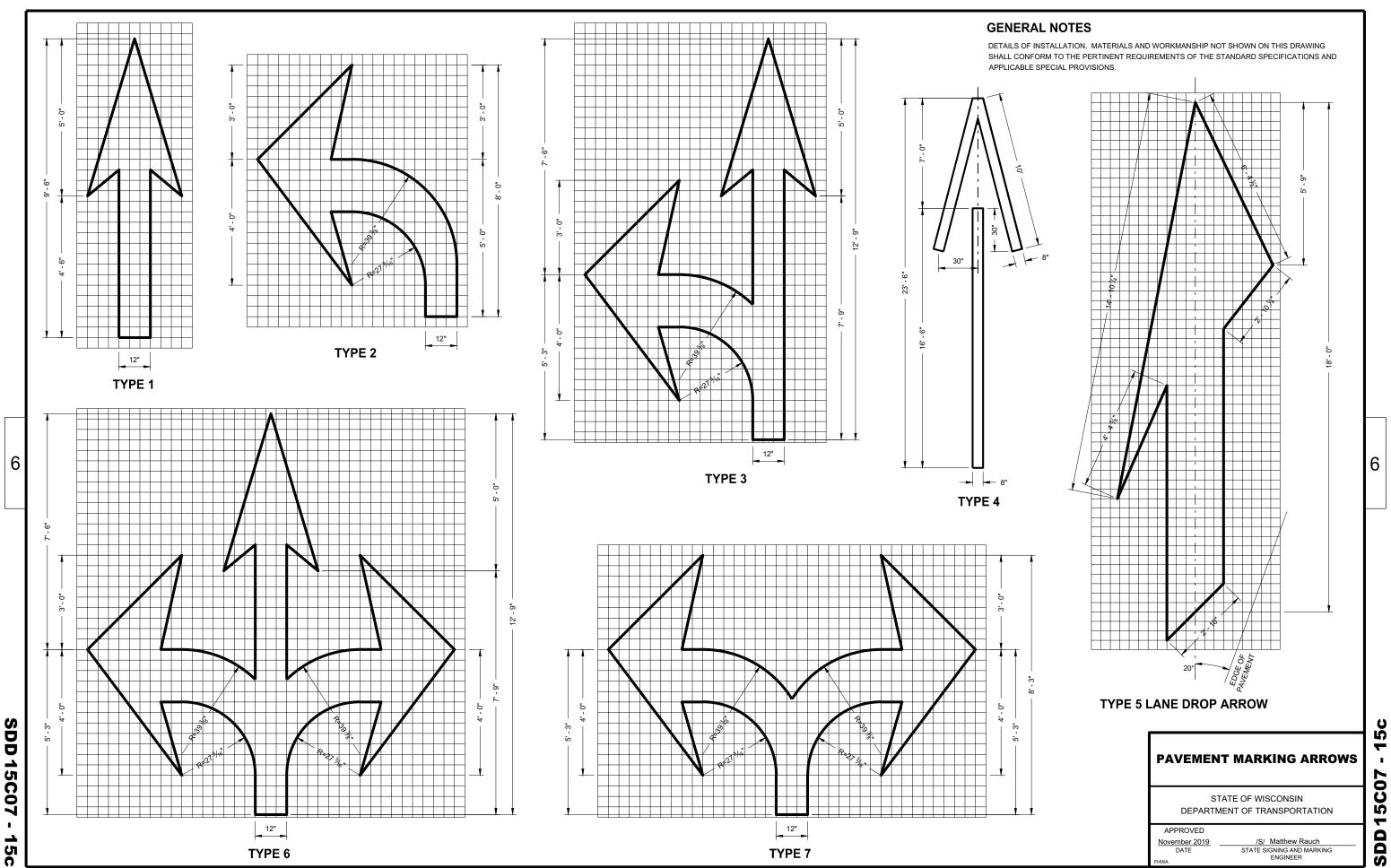
PAVEMENT MARKING SYMBOLS

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVED

November 2019 DATE /S/ Matthew Rauch
STATE SIGNING AND MARKING ENGINEER

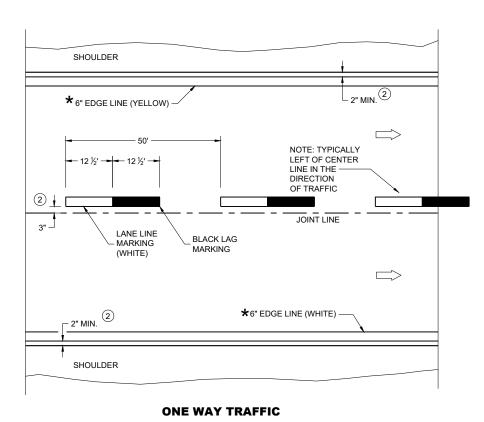
SDD15C07



TYPE 7

TYPE 6

SDD



PERMANENT PAVEMENT MARKING

GENERAL NOTES

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

- 1) LOCATE THE NO PASSING ZONE W14-3 SIGN WITHIN 50 FEET OF THE "T" MARKING
- (2) MEASURE FROM EDGE OF MARKING TO JOINT LINE. THIS DOES NOT INCLUDE SPACE NEEDED FOR GROOVING OPERATIONS.

LEGEND

"T" MARKING

SIGN ON PERMANENT SUPPORT

DIRECTION OF TRAFFIC

PERMANENT LONGITUDINAL **PAVEMENT MARKINGS**

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

May 2023 DATE

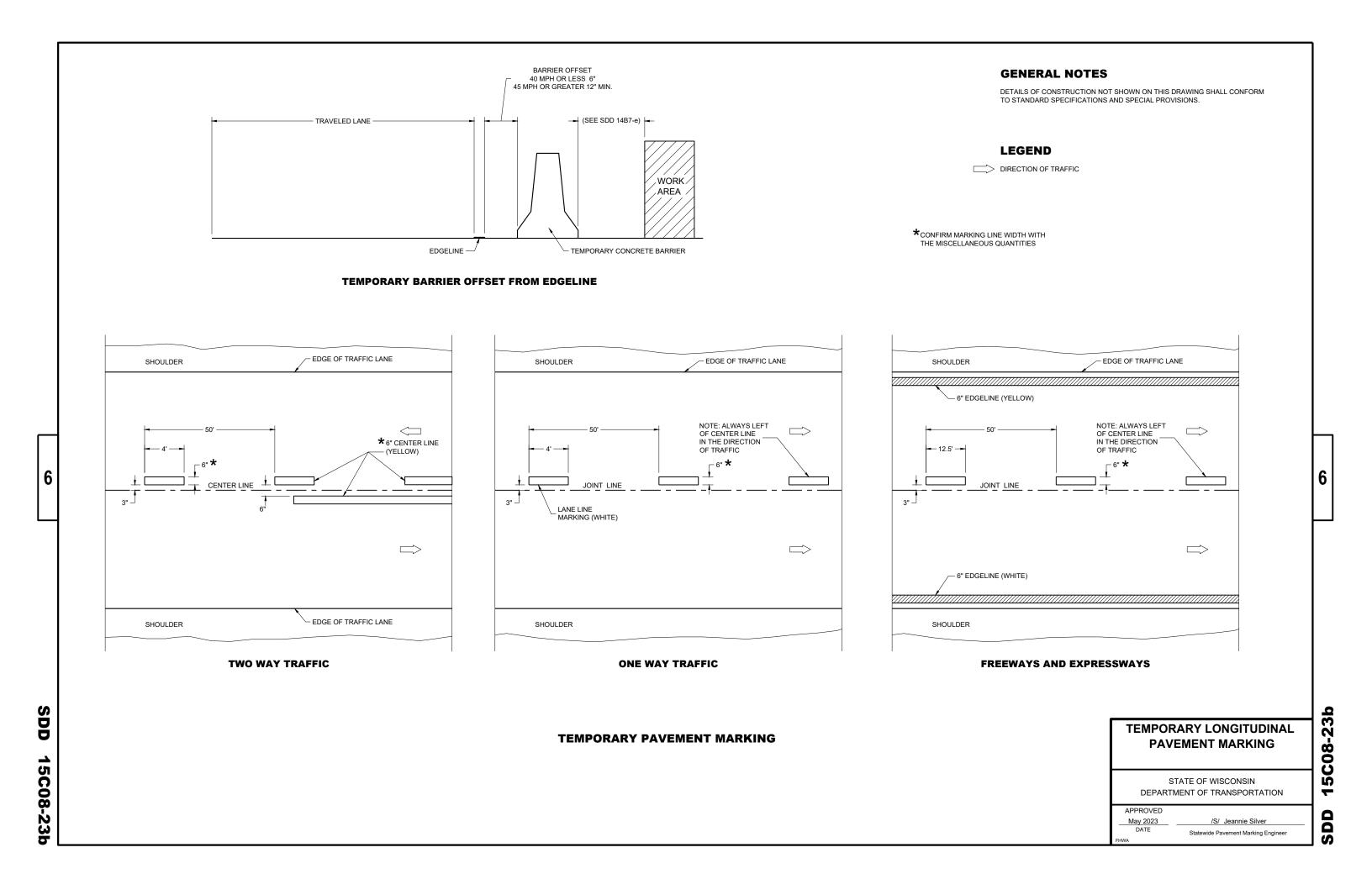
/S/ Jeannie Silver Statewide Pavement Marking Engineer

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SDD

C08-23 Ŋ SD

15C08-23a

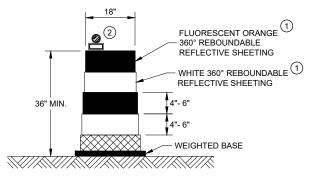


DEPARTMENT OF TRANSPORTATION

SDD 15C11

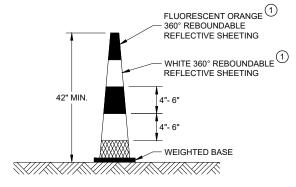
GENERAL NOTES

- (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.



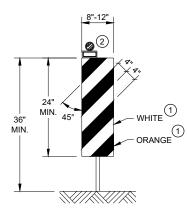
DRUM

BALLAST WIDTHS RANGE FROM 24"-36"



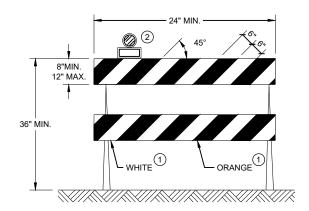
42" CONE

DO NOT USE IN TAPERS ½ SPACING OF DRUMS BALLAST WIDTHS RANGE FROM 14"-20"



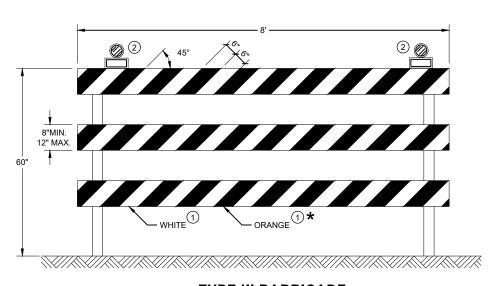
VERTICAL PANEL

THE STRIPES SHALL SLOPE DOWNWARD TO THE TRAFFIC SIDE FOR CHANNELIZATION.



TYPE II BARRICADE

FOR RAILS LESS THAN 36" LONG, 4" WIDE STRIPES MAY BE USED. ALL STRIPES SHALL SLOPE DOWNWARD TO THE TRAFFIC SIDE FOR CHANNELIZATION.



TYPE III BARRICADE

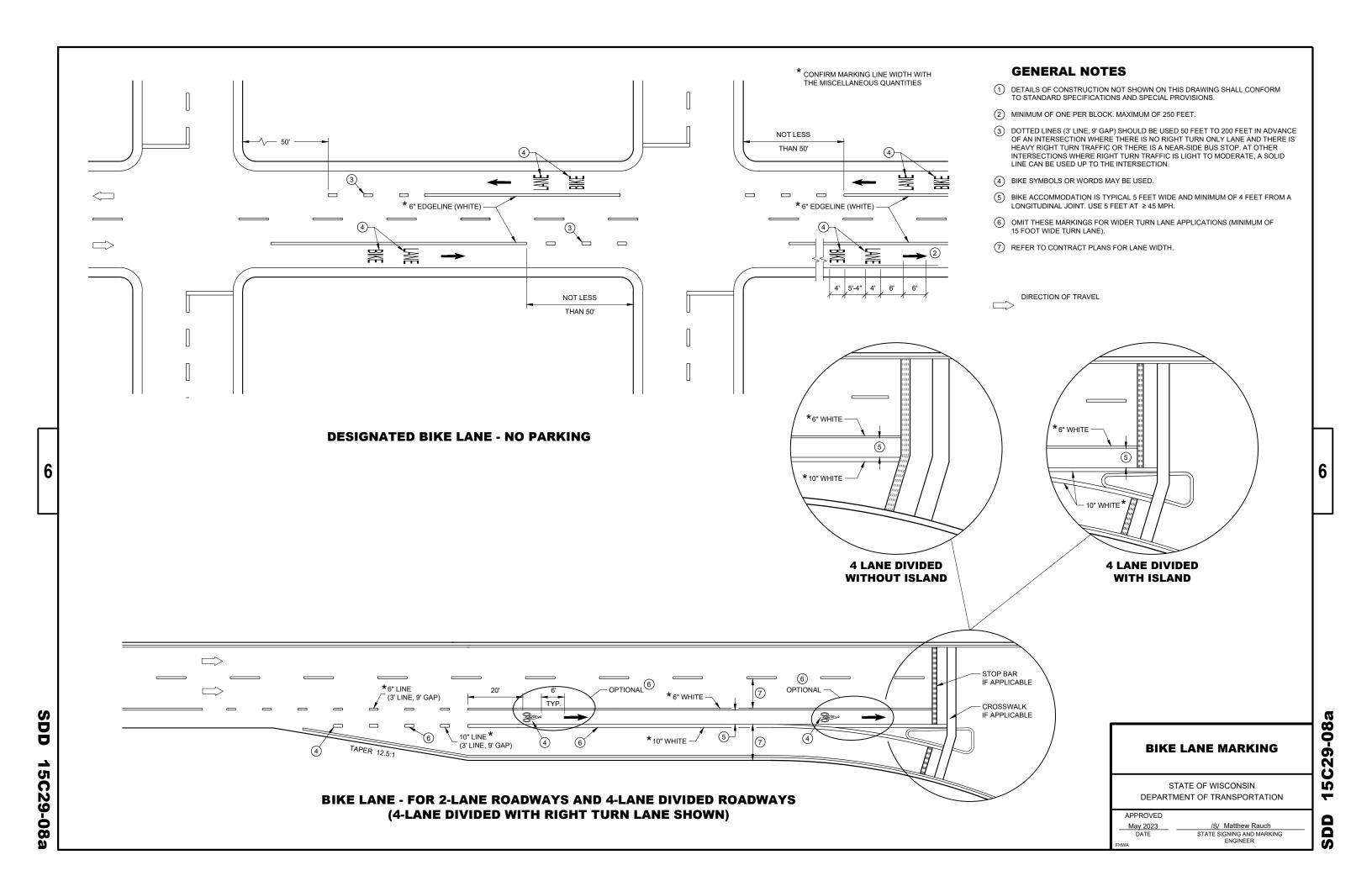
IF SIGN MOUNTED, DO NOT COVER MORE THAN 50% OF THE TOP TWO RAILS OR 33% OF THE TOTAL AREA OF THE THREE RAILS.

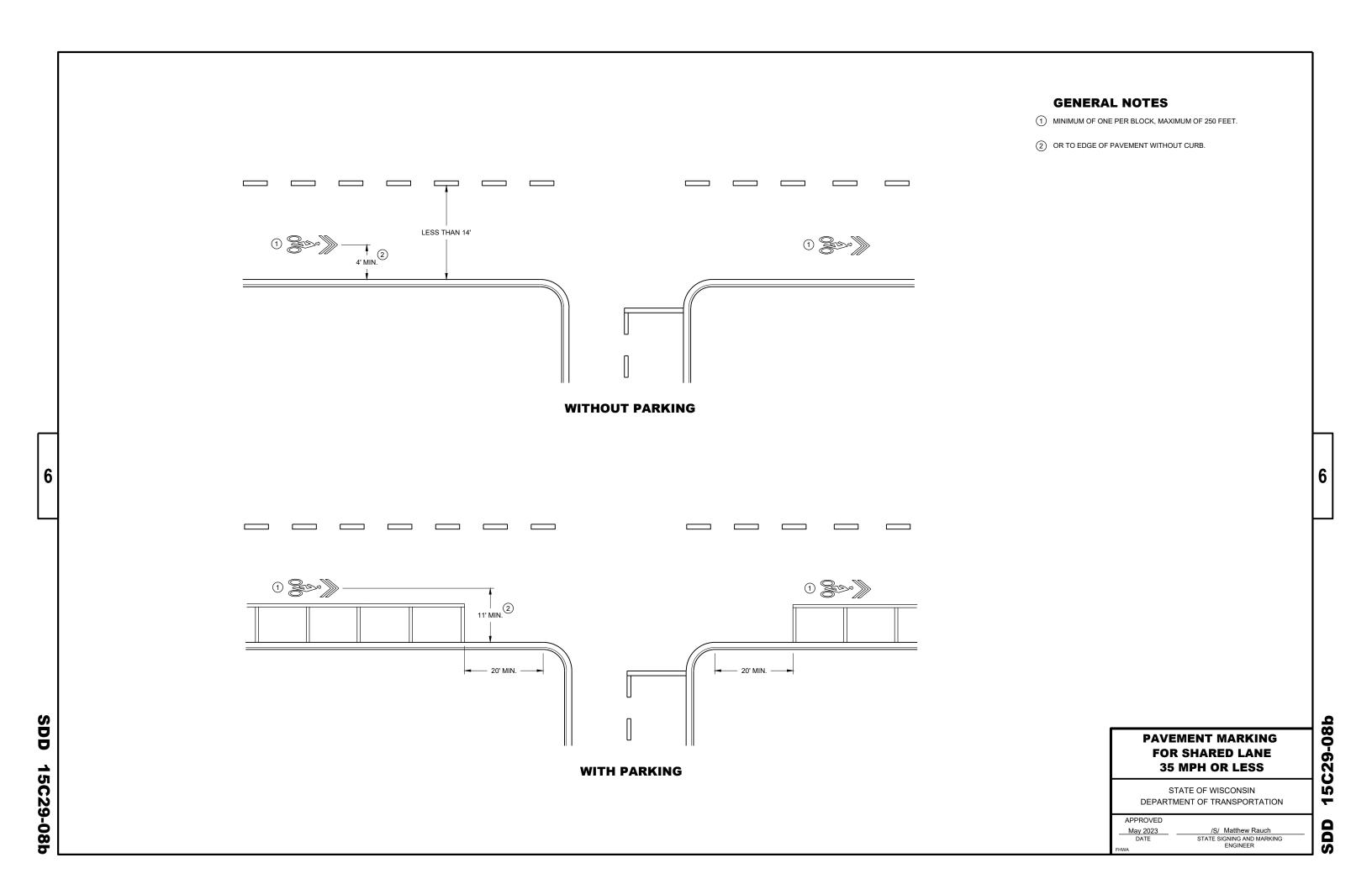
* IF USED FOR A PERMANENT APPLICATION USE RED SHEETING.

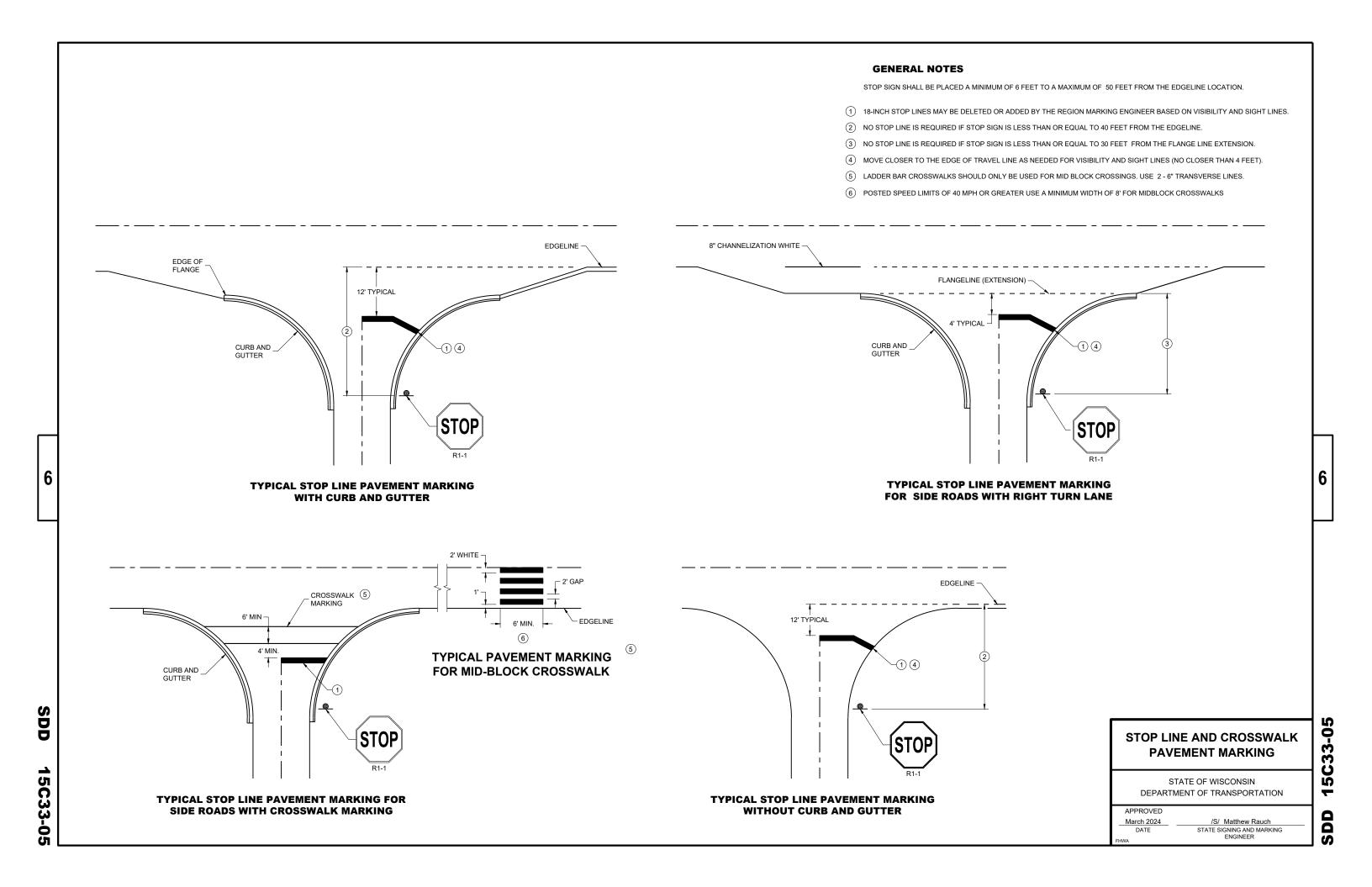
CHANNELIZING DEVICES DRUMS, CONES, BARRICADES AND VERTICAL PANELS

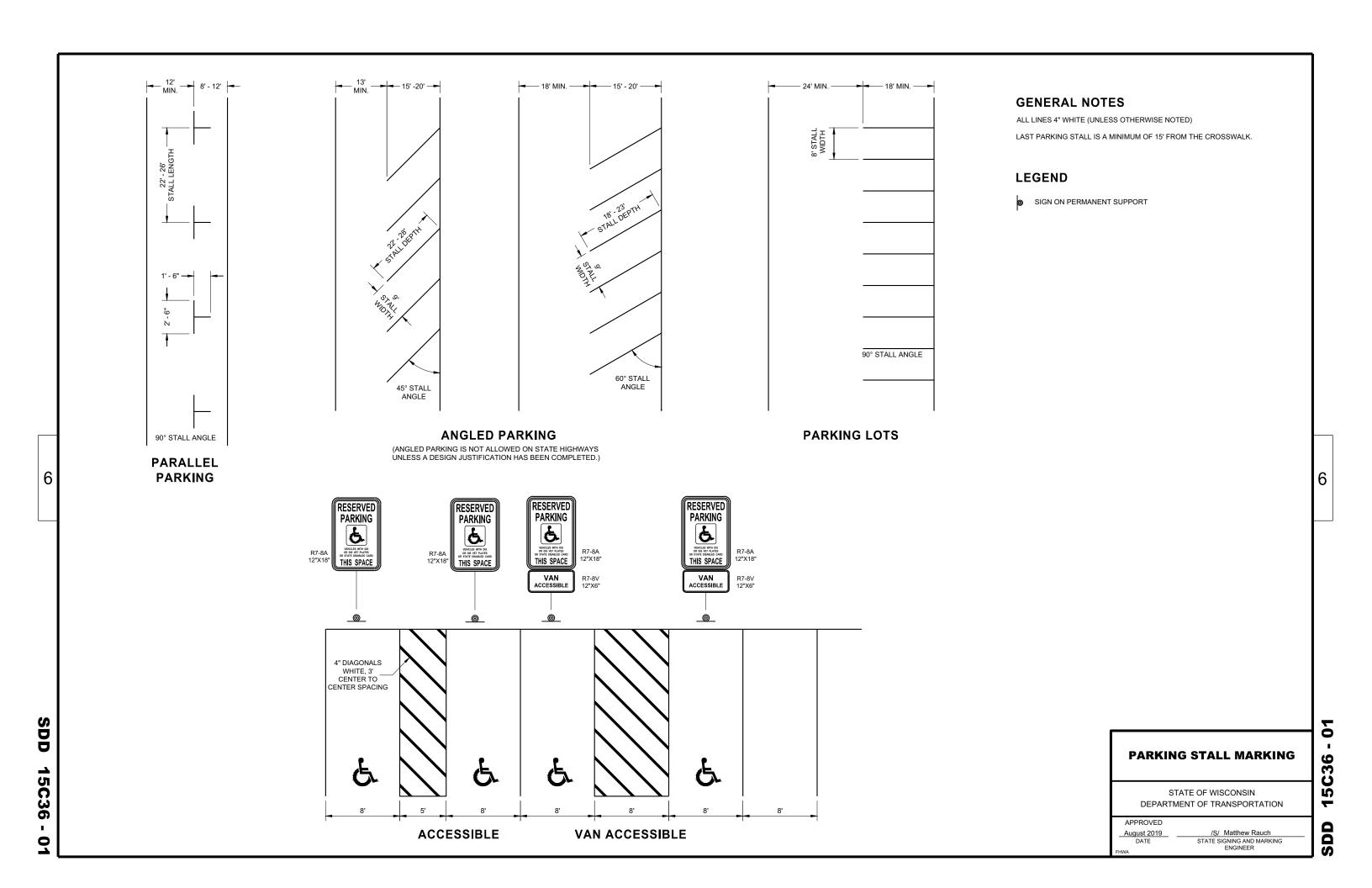
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION 15C

APPROVED	
November 2022	/S/ Andrew Heidtke
DATE	WORK ZONE ENGINEER









GENERAL NOTES

FOR WORK ON ROADWAYS WITH SPEEDS GREATER THAN 45MPH, USE SDD 15D12.

THIS LANE CLOSURE DETAIL IS TYPICAL FOR CLOSING THE LEFT LANE. FOR A RIGHT LANE CLOSURE, REVERSE THE TRAFFIC CONTROL.

THIS DETAIL MAY BE USED FOR ROADWAYS WITH EITHER TWO OR THREE LANES IN EACH DIRECTION.

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36"X 36" SIGNS MAY BE USED IF APPROVED BY REGIONAL TRAFFIC UNIT.

"WO" SIGN IS THE SAME AS "W" SIGN EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON COVERED OR "DOWNED" SIGNS.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS OR THAT WILL BE PLACED IN A CLOSED LANE MAY BE MOUNTED ON TEMPORARY SUPPORTS.

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500' DESIRABLE) DISTANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE

W20-1A, G20-1 AND G20-2A SIGNS ARE NOT REQUIRED IF THE LANE CLOSURE IS WITHIN A LARGER WORK ZONE

REMOVE PAVEMENT MARKINGS AND PLACE TEMPORARY PAVEMENT MARKING LINE IF LANE CLOSURE IS TO BE IN

PLACE FOR 4 OR MORE CONTINUOUS DAYS AND NIGHTS.

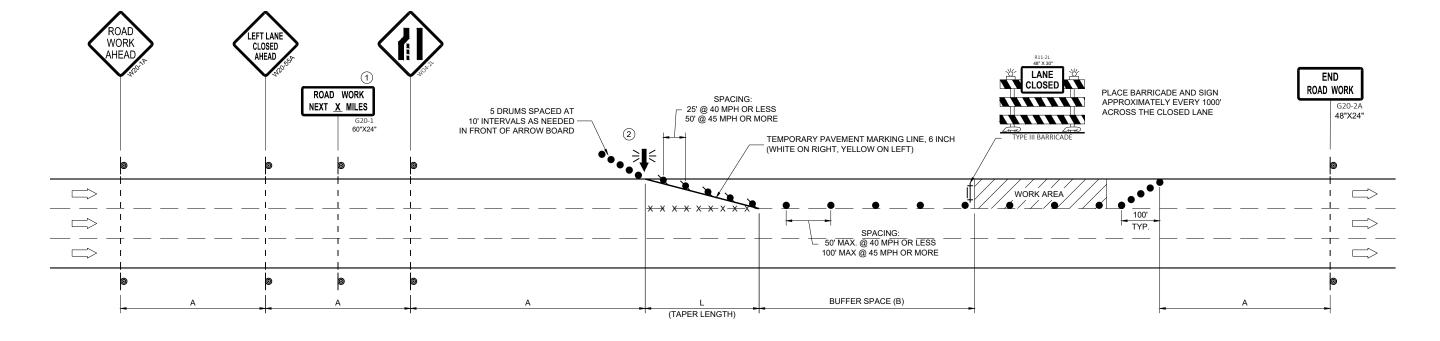
CONSIDER GEOMETRICS WHEN LOCATING SIGNS AND ARROW BOARDS SO THE APPROACHING DRIVER HAS A CLEAR VIEW OF THE ARROW BOARDS AND LANE CLOSURE DRUMS FOR A MINIMUM 1500 FEET IN FRONT OF DRUMS.

BARRICADES IN A CLOSED LANE THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY REESTABLISHED UPON COMPLETION OF THE OPERATION, OR FOR CONTINUING OPERATIONS, AT THE END OF

CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION

- (1) OMIT G20-1 SIGNS IF LENGTH OF WORK AREA IS 2 MILES OR LESS.
- WHERE THE SHOULDER OR TERRACE HAS INSUFFICIENT SPACE TO PLACE THE ARROW BOARD AS SHOWN, PLACE THE ARROW BOARD AT THE END OF THE TAPER.



F	STED SPEED LIMIT PRIOR TO WORK TARTING (MPH)	ADVANCE WARNING SIGN SPACING (A) FEET	TAPER LENGTH (12 FT. LANE) (L) FEET	BUFFER SPACE (B) FEET
	25	200'	125'	55'
	30	200'	180'	85'
	35	350'	245'	120'
	40	350'	320'	170'
	45	500'	540'	220'

TRAFFIC CONTROL, SINGLE LANE CLOSURE, DIVIDED **NON-FREEWAY/EXPRESSWAY**

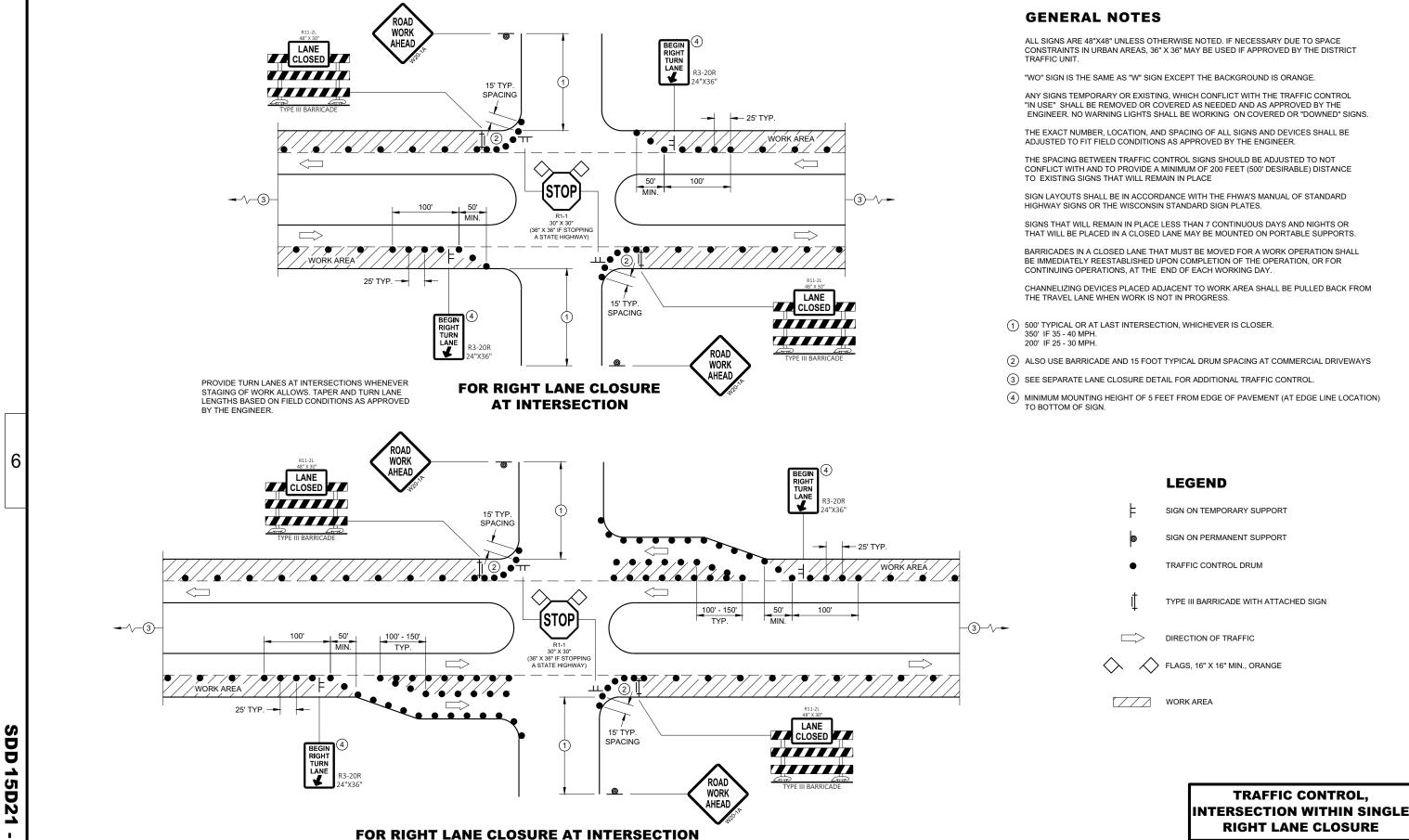
> STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVED March 2024 /S/ Andrew Heidtke

WORK ZONE ENGINEER

15D20-08a

20-08



(WITH RIGHT TURN BAY OPEN)

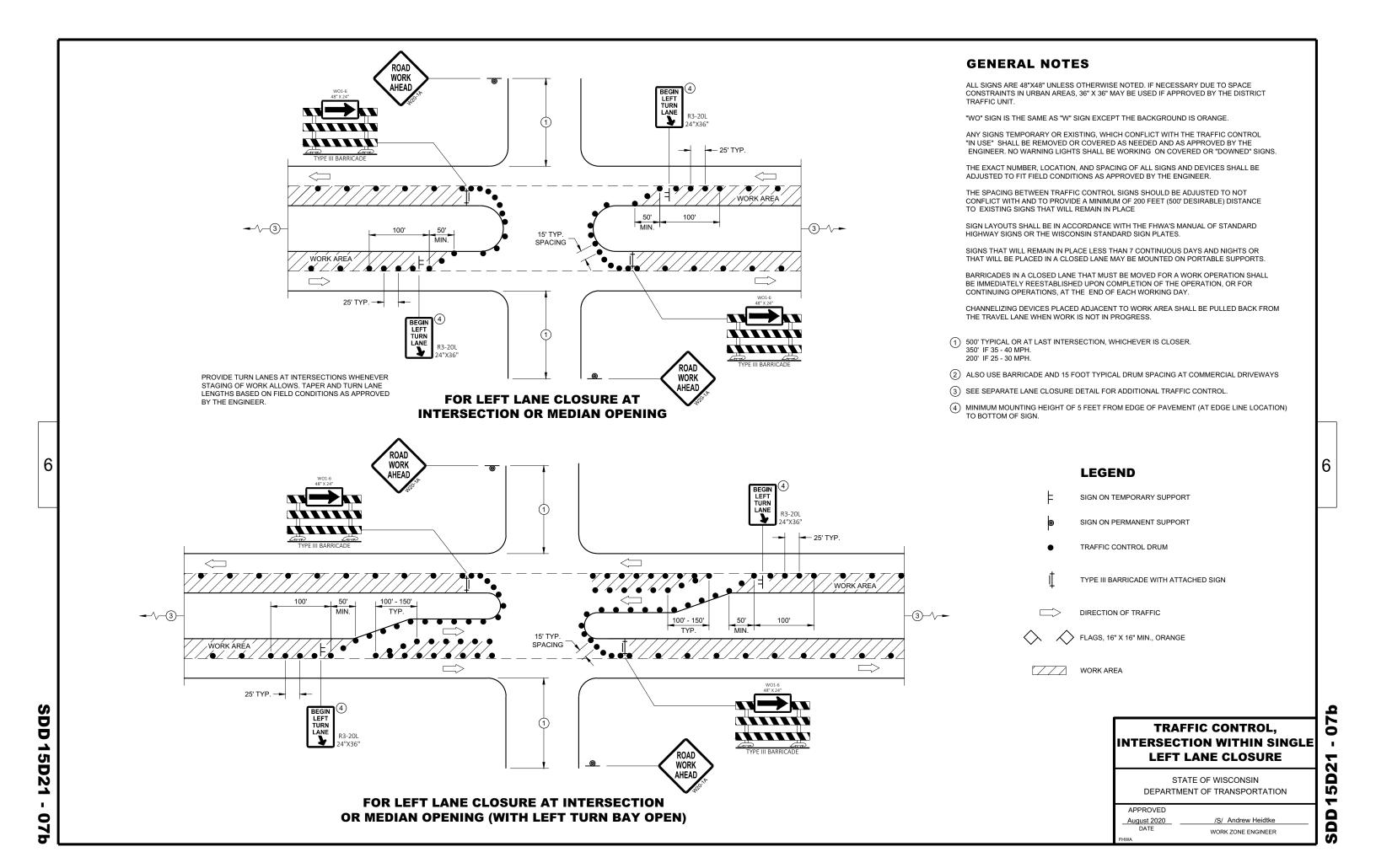
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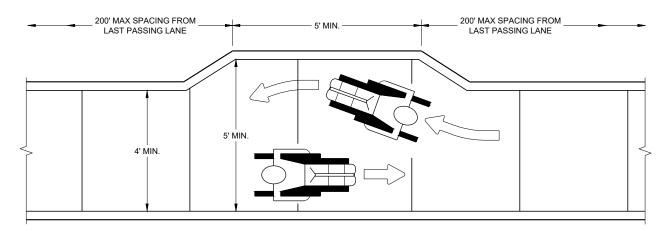
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STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

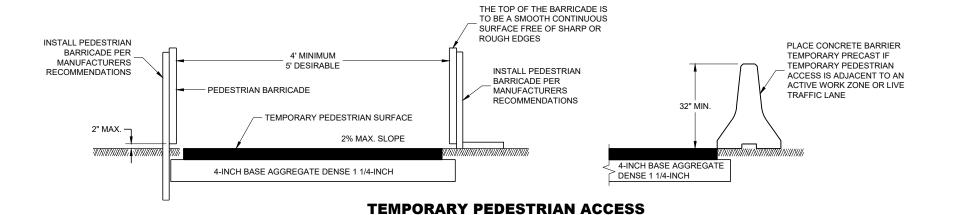


BARRICADE DEVICE SELECTED FROM APPROVED PRODUCT LIST

- (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.



NARROW SIDEWALK PASSING DETAIL



12" MAX. 3' MIN. 4' MAX. VARIES — VARIES -

TEMPORARY PEDESTRIAN BARRICADE*

TRAFFIC CONTROL, **PEDESTRIAN ACCOMMODATION**

6

60

15D30

SDD

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

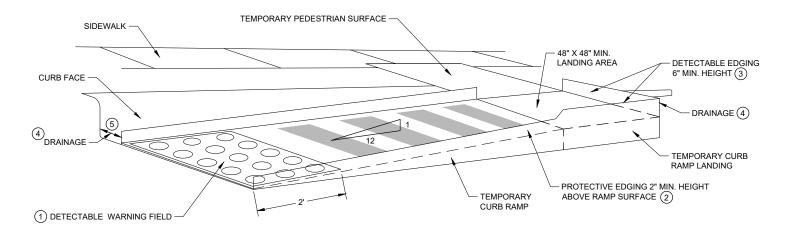
6

CURB RAMPS AND LANDINGS SHALL HAVE A 1:50 (2%) MAX. CROSS-SLOPE.

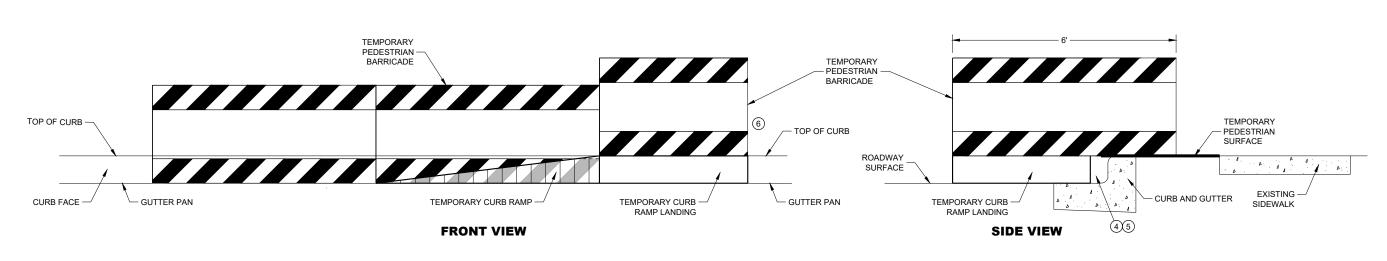
CLEAR SPACE OF 48" X 48" SHALL BE PROVIDED ABOVE AND BELOW THE CURB RAMP. LATERAL JOINTS OR GAPS BETWEEN SURFACES SHALL BE LESS THAN $\frac{1}{2}$ " WIDTH.

CHANGES BETWEEN SURFACE HEIGHTS SHALL NOT EXCEED $\frac{1}{2}$ ". LATERAL EDGES MAY BE VERTICAL UP TO $\frac{1}{4}$ " HIGH AND SHALL BE BEVELED AT 1:2 BETWEEN $\frac{1}{4}$ " AND $\frac{1}{2}$ ".

- (1) INSTALL CONTRASTING TEMPORARY DETECTABLE WARNING FIELD AT PEDESTRIAN STREET CROSSINGS, AS SHOWN IN THE DI ANS
- (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.



PERSPECTIVE VIEW



TEMPORARY CURB RAMP PARALLEL TO CURB

TRAFFIC CONTROL,
PEDESTRIAN
ACCOMMODATION

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

6

SDD 15D30

SDD 15D30 - 09

GENERAL NOTES

CURB RAMPS SHALL BE 48" MINIMUM WIDTH WITH A FIRM, STABLE AND SLIP RESISTANT SURFACE.

CURB RAMPS AND LANDINGS SHALL HAVE A 1:50 (2%) MAX. CROSS-SLOPE.

AND SHALL BE BEVELED AT 1:2 BETWEEN 1/4" AND 1/2".

LANDINGS WHERE THE WALKWAY CHANGES DIRECTION (TURNS).

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 $\frac{1}{2}$ " WIDTH.

ALTERNATE SIDEWALK WORK BETWEEN LEFT AND RIGHT SIDE OF ROADWAY TO MAINTAIN PEDESTRIAN ACCESS.

CHANGES BETWEEN SURFACE HEIGHTS SHALL NOT EXCEED $\frac{1}{2}$ ". LATERAL EDGES MAY BE VERTICAL UP TO $\frac{1}{4}$ " HIGH

(1) INSTALL CONTRASTING TEMPORARY DETECTABLE WARNING FIELD AT PEDESTRIAN STREET CROSSINGS, AS SHOWN IN

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

TERRACE TERRACE ORAINAGE ODRAINAGE TERRACE ODRAINAGE ODRAINAGE ODRAINAGE ODRAINAGE ODRAINAGE ODRAINAGE ODRAINAGE

WITH SIDE APRON $^{\scriptsize{\scriptsize{\scriptsize{\scriptsize{5}}}}}$

SIDEWALK PROTECTIVE EDGING ② 2" MIN. HEIGHT CURB FACE DRAINAGE 2 PROTECTIVE EDGING 2" MIN. HEIGHT DETECTABLE WARNING FIELD

SDD 15D30

TEMPORARY CURB RAMP PERPENDICULAR TO CURB

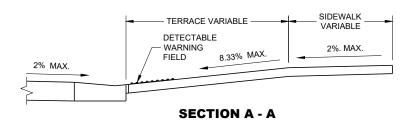
WITH PROTECTIVE EDGE

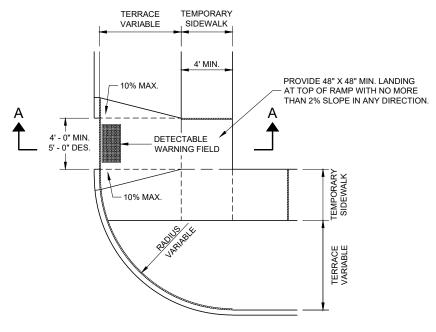
TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

- (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.
- \bigstar USE THIS DETAIL FOR SHEETING PLACEMENT REFERENCE.





PLAN VIEW TEMPORARY TYPE 3 RAMP

(OUTSIDE OF CROSSWALK AREA)

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVED	
May 2023	/S/ Andrew Heidtke
DATE	WORK ZONE ENGINEER

SDD

6

15D30-09d

5D30-09d SDD

60

GENERAL NOTES

TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG.

NOTIFY THE BUS COMPANY 7 DAYS IN ADVANCE OF THE BUS STOP RELOCATION.

PROTECTIVE EDGING WITH A 2" MIN. HEIGHT SHALL BE INSTALLED WHEN A CURB RAMP OR LANDING PLATFORM HAS A VERTICAL DROP OF 6" OR GREATER OR HAS A SIDE APRON SLOPE STEEPER THAN 1:3 (33%). PROTECTIVE EDGING SHOULD BE CONSIDERED WHEN CURB RAMPS OR LANDING PLATFORMS HAVE A VERTICAL DROP OF 3" OR MORE.

DETECTABLE EDGING WITH 6" MIN. HEIGHT AND CONTRASTING COLOR SHALL BE INSTALLED ON ALL CURB RAMP LANDINGS WHERE THE WALKWAY CHANGES DIRECTION (TURNS).

LATERAL JOINTS OR GAPS BETWEEN SURFACES SHALL BE LESS THAN ½" WIDTH.

CHANGES BETWEEN SURFACE HEIGHTS SHALL NOT EXCEED \S^n . LATERAL EDGES MAY BE VERTICAL UP TO \S^n HIGH AND SHALL BE BEVELED AT 1:2 BETWEEN 1/4" AND 1/2".

CURB RAMPS AND LANDINGS SHALL HAVE A 1:50 (2%) MAX. CROSS-SLOPE.

- 1) DO NOT RESTRICT WATER FLOW IN THE GUTTER SYSTEM.
- (2) 5' WIDE MIN. WITH TEMPORARY PEDESTRIAN BARRICADE, 10' WIDE MIN. WITHOUT TEMPORARY PEDESTRIAN BARRICADE.
- 3) PLACE EXCESS PORTION OF TEMPORARY PEDESTRIAN BARRICADE INTO THIS SPACE.

LEGEND

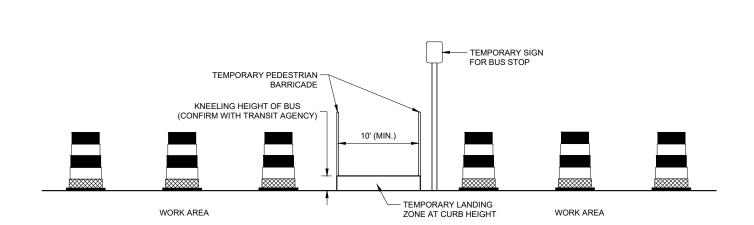
TRAFFIC CONTROL DRUM

TYPE III BARRICADE

TEMPORARY PEDESTRIAN BARRICADE

TEMPORARY DETECTABLE WARNING FIELD

WORK AREA



PLAN VIEW

10' (MIN.)

3

WORK AREA

EXISTING CURB & GUTTER

=======

WORK AREA

=========

EXISTING SIDEWALK

TEMPORARY SIDEWALK CONNECTION TEMPORARY PEDESTRIAN SURFACE

2% MAX. CROSS SLOPE

TEMPORARY LANDING ZONE. EXISTING CONCRETE OR ASPHALT SURFACE OR TEMPORARY PEDESTRIAN SURFACE. 2% MAX. CROSS SLOPE

PROFILE VIEW TEMPORARY BUS STOP PAD

PEDESTRIAN ACCOMMODATION

SIDEWALK DETOUR, SIDEWALK ONLY ON ONE SIDE

GENERAL NOTES

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE WISCONSIN STANDARD SIGN PLATES.

WHERE TEMPORARY BARRICADE RUNS PARALLEL ALONG SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

SIGNS THAT REMAIN IN PLACE LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

PLACE TEMPORARY PEDESTRIAN BARRICADE TO FIT FIELD CONDITIONS, AVOIDING CONFLICTS WITH DRIVEWAYS AND OTHER EXISTING FEATURES.

- 1 IF TERRACE IS LESS THAN 6 FEET WIDE, OMIT TEMPORARY PEDESTRIAN BARRICADE FROM THE SIDEWALK TO THE CURB.
- (2) PLACE BARRICADE CLOSURE SO THAT THE TEMPORARY PEDESTRIAN BARRICADE END IS AT THE LAST OPEN SIDEWALK ACCESS TO RESIDENCES OR BUSINESSES BEFORE THE SIDEWALK CLOSURE.
- (3) IF TEMPORARY PEDESTRIAN BARRICADE PANEL IS WIDER THAN THE SIDEWALK WIDTH, THE PORTION OF EXCESS PANEL SHOULD EXTEND INTO THE TERRACE.
- 4 MOUNTING HEIGHT OF 5 FEET FROM THE SURFACE TO THE BOTTOM OF SIGN.

TRAFFIC CONTROL,
PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

SIDEWALK DIVERSION SINGLE SIDE

GENERAL NOTES

TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG.

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE WISCONSIN STANDARD SIGN PLATES.

WHERE TEMPORARY BARRICADE RUNS PARALLEL ALONG SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

SIGNS THAT REMAIN IN PLACE LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

- ① USE TEMPORARY PEDESTRIAN BARRICADE TO SEPARATE PEDESTRIANS FROM DROP OFFS OR FOR ADDITIONAL PEDESTRIAN CHANNELIZATION.
- (2) IF TEMPORARY PEDESTRIAN BARRICADE PANEL IS WIDER THAN THE SIDEWALK WIDTH, THE PORTION OF EXCESS PANEL SHOULD EXTEND INTO THE TERRACE.
- 3 MOUNTING HEIGHT OF 5 FEET FROM THE SURFACE TO THE BOTTOM OF SIGN.

6

SDD 15D30 - 09g

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL,
PEDESTRIAN ACCOMMODATION

SDD 15D30 - 09g

SDD 15D30

GENERAL NOTES

TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG.

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE WISCONSIN STANDARD SIGN PLATES.

WHERE TEMPORARY BARRICADE RUNS PARALLEL ALONG SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

- $\begin{tabular}{ll} \hline \end{tabular} \begin{tabular}{ll} \hline \end{t$
- 2 PLACE EXCESS PORTION OF TEMPORARY PEDESTRIAN BARRICADE PANEL PAST THE SIDEWALK ON THE SIDE AWAY FROM THE ROAD.
- 3 MOUNTING HEIGHT OF 5 FEET FROM THE SURFACE TO THE BOTTOM OF SIGN.
- (4) USE EXISTING PAVEMENT SURFACE. IF EXISTING PAVEMENT SURACE HAS BEEN REMOVED, USE A TEMPORARY PEDESTRIAN SURFACE.

09h PEDESTRIAN ACCOMMODATION 2 SD

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL,

CURB RAMP PEDESTRIAN TRAFFIC CONTROL

SIDEWALK ON SINGLE SIDE

SDD

15D30

09i

15D30 - 09i

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL,

PEDESTRIAN ACCOMMODATION

60

<u>1</u>

TEMPORARY PEDESTRIAN SURFACE "A"

TEMPORARY DETECTABLE WARNING FIELD

TEMPORARY PEDESTRIAN BARRICADE

DIRECTION OF TRAFFIC

GENERAL NOTES

IF PEDESTRIAN PUSH BUTTONS ARE PRESENT ON THE EXISTING FACILITY, ENSURE THEY ARE MAINTAINED/ACCESSIBLE FOR PEDESTRIAN USE THROUGHOUT THE TEMPORARY PEDESTRIAN ACCOMMODATIONS.

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE WISCONSIN STANDARD SIGN

TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG

WHEN TEMPORARY PEDESTRIAN BARRICADE RUNS PARALLEL ALONG THE SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

- (1) SHOULDER OR LANE CLOSURE ADVANCE WARNING AND PROPER BUFFER SPACE REQUIRED.
- 2 PROVIDE ADEQUATE SPACE FOR CONTRACTOR OPERATIONS
- ③ USE TEMPORARY PEDESTRIAN BARRICADE TO SEPARATE PEDESTRIANS FROM DROP OFFS OR FOR ADDITIONAL PEDESTRIAN CHANNELIZATION.
- 4 MOUNTING HEIGHT OF 5 FEET FROM SIDEWALK SURFACE TO BOTTOM OF SIGN.
- (5) PLACE EXCESS PORTION OF TEMPORARY PEDESTRIAN BARRICADE PANEL IN THE SIDEWALK TERRACE.
- (6) WHITE 6" TEMPORARY PAVEMENT MARKING
- $\begin{picture}(60,0)\put(0,0){\line(1,0){10}}\put(0,0){\line(1,0){10}$
- 8 4 FEET MINIMUM, 5 FEET DESIRABLE
- $\begin{tabular}{ll} \end{tabular} \begin{tabular}{ll} \end{tabular} \beg$

LEGEND

TRAFFIC CONTROL DRUM TEMPORARY CURB RAMP

TEMPORARY PEDESTRIAN SURFACE "B"

OPTIONAL TEMPORARY PEDESTRIAN BARRICADE

CURB RAMP PEDESTRIAN TRAFFIC CONTROL

TEMPORARY PAVEMENT MARKING

1' BUFFER -

REMOVABLE MASK OUT TAPE

1' BUFFER

2' MIN.

5' MIN

2' MIN.

2

1

5' MIN

MIN

90° OPTION

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

> STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

SDD 15D30 MIN. 11

1' BUFFER -

VARIES -

45° OPTION

<u>09</u>j

LEGEND

SIGN ON PERMANENT SUPPORT

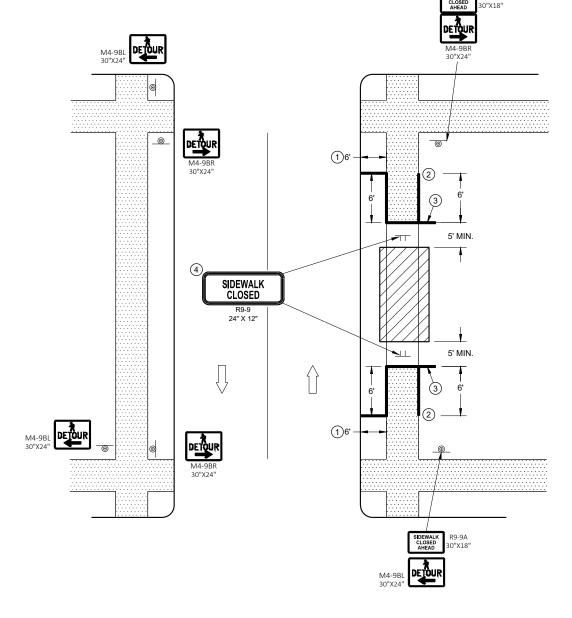
SIGN ON TEMPORARY SUPPORT

........... UNDER PEDESTRIAN TRAFFIC

WORK AREA

TEMPORARY PEDESTRIAN BARRICADE

DIRECTION OF TRAFFIC



SIDEWALK DETOUR, SIDEWALK ON BOTH SIDES

GENERAL NOTES

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE WISCONSIN STANDARD SIGN PLATES.

WHERE TEMPORARY BARRICADE RUNS PARALLEL ALONG SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

SIGNS THAT REMAIN IN PLACE LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

PLACE TEMPORARY PEDESTRIAN BARRICADE TO FIT FIELD CONDITIONS, AVOIDING CONFLICT WITH DRIVEWAYS AND OTHER EXISTING FEATURES.

- 1 IF TERRACE IS LESS THAN 6 FEET WIDE, OMIT TEMPORARY PEDESTRIAN BARRICADE FROM THE SIDEWALK TO THE CURB.
- (2) PLACE BARRICADE CLOSURE SO THAT THE TEMPORARY PEDESTRIAN BARRICADE END IS AT THE LAST OPEN SIDEWALK ACCESS TO RESIDENCES OR BUSINESSES BEFORE THE SIDEWALK CLOSURE.
- (3) IF TEMPORARY PEDESTRIAN BARRICADE PANEL IS WIDER THAN THE SIDEWALK WIDTH, THE PORTION OF EXCESS PANEL SHOULD EXTEND INTO THE TERRACE.
- 4 MOUNTING HEIGHT OF 5 FEET FROM THE SURFACE TO THE BOTTOM OF SIGN.

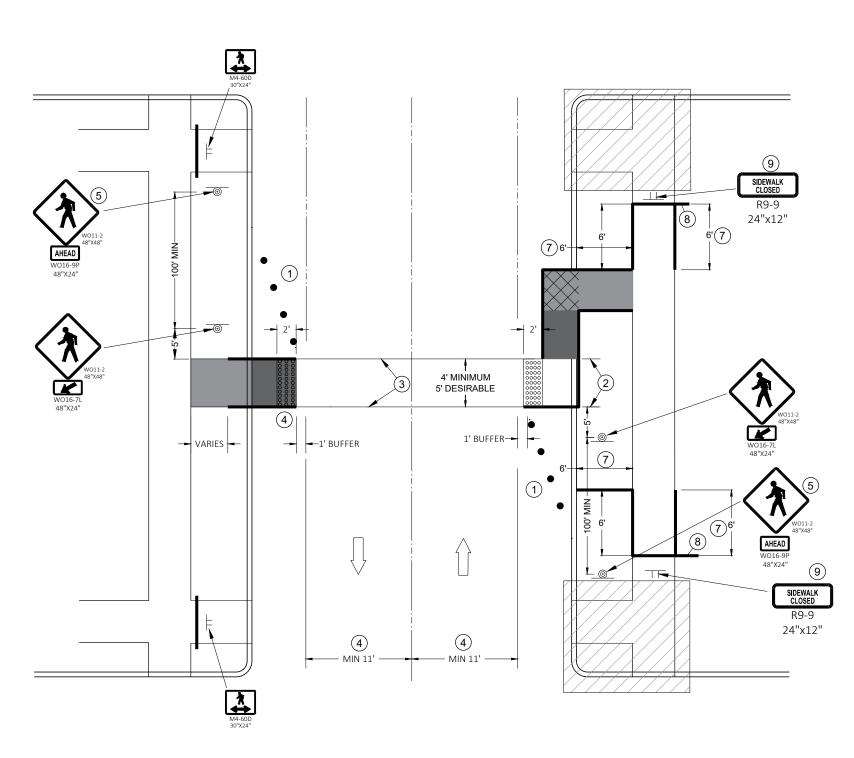
TRAFFIC CONTROL,
PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

5D30 - 09k

SD



TEMPORARY PEDESTRIAN CROSSING

SDD

15D30

GENERAL NOTES

TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG.

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE WISCONSIN STANDARD SIGN PLATES.

SEE OTHER PEDESTRIAN ACCOMMODATION DETAILS FOR SIGNING AND DEVICES FOR DIFFERENT PEDESTRIAN FACILITIES CLOSURES.

- (1) SHOULDER OR LANE CLOSURE ADVANCED WARNING AND PROPER BUFFER SPACE REQUIRED.
- 2 4 FEET MINIMUM, 5 FEET DESIRABLE.
- (3) WHITE 6" TEMPORARY PAVEMENT MARKING.
- (4) IF MINIMUM LANE WIDTHS CAN'T BE ATTAINED, PERPENDICULAR CURB RAMPS MAY NEED TO BE UTILIZED.
- (5) IF MINIMUM 100' SPACING FROM THE MID-BLOCK CROSSING CANNOT BE ATTAINED BEFORE THE INTERSECTION, REMOVE THIS SIGN ASSEMBLY.
- 6 IF TERRACE IS LESS THAN 6 FEET WIDE, OMIT TEMPORARY PEDESTRIAN BARRICADE FROM THE SIDEWALK TO THE CURB.
- 7 PLACE BARRICADE CLOSURE SO THAT THE TEMPORARY PEDESTRIAN BARRICADE END IS AT THE LAST OPEN SIDEWALK ACCESS TO RESIDENCES OR BUSINESSES BEFORE THE SIDEWALK CLOSURE.
- (8) IF TEMPORARY PEDESTRIAN BARRICADE PANEL IS WIDER THAN THE SIDEWALK WIDTH, THE PORTION OF THE EXCESS PANEL SHOULD EXTEND INTO THE TERRACE.
- (9) MOUNTING HEIGHT OF 5 FEET FROM THE SURFACE TO THE BOTTOM OF THE SIGN.

LEGEND

■ TRAFFIC CONTROL DRUM

SIGN ON TEMPORARY SUPPORT

TEMPORARY CURB RAMP

TEMPORARY DETECTABLE WARNING FIELD

TEMPORARY PEDESTRIAN SURFACE "A"

TEMPORARY PEDESTRIAN SURFACE "B"

WORK AREA

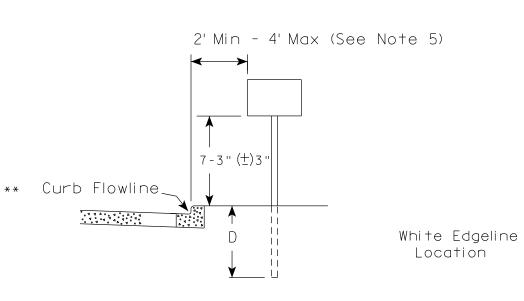
TEMPORARY PEDESTRIAN BARRICADE

DIRECTION OF TRAFFIC

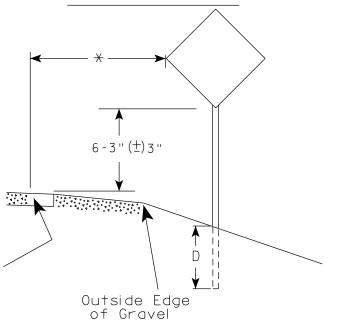
TRAFFIC CONTROL,
PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION





RURAL AREA (See Note 2)



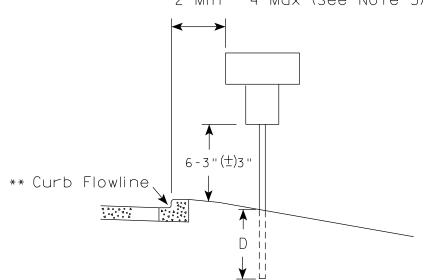
GENERAL NOTES

- 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" (\pm) 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" (\pm) 3".

- 3. For expressways and freeways, mounting height is 7'- 3" (\pm) 3" or 6'-3" (\pm) 3" depending upon existence of a sub-sign.
- 4. Minimum mounting height for signs mounted on traffic signal poles is $5' 3'' (\stackrel{+}{-}) 3''$.
- 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'' (\pm) 3'' or as directd by the Engineer.

2' Min - 4' Max (See Note 5)



White Edgeline
Location

Outside Edge
of Gravel

POST EMBEDMENT DEPTH

Area of Sign	
Installation	D
(Sq.Ft.)	(Min)
20 or Less	4'
Greater than 20	5'

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.

PLOT BY : mscj9h

TYPICAL INSTALLATION
OF PERMANENT TYPE II
SIGNS ON SINGLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

Matthew R Rawh

For State Traffic Engineer

DATE 12/6/23 PLATE NO. _A4-3.23

Ε

PROJECT NO: HWY: COUNTY: SHEET NO:



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



DETAIL OF WOOD 4 X 6 SIGN POST IN BOX-OUT

HWY:



PLAN VIEW

COUNTY:

FOR NEW CONCRETE/ASPHALT INSTALLATIONS

SIGN POST BOX-OUTS A4-3B

WISCONSIN DEPT OF TRANSPORTATION

For State Traffic Engineer

DATE 1/27/14 PLATE NO. A4-3B.1

SHEET NO:

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A43B.DGN

PROJECT NO:

PLOT DATE: 27-JAN-2014 09:48

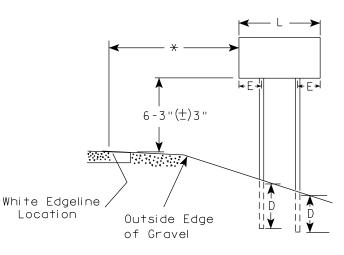
PLOT NAME :

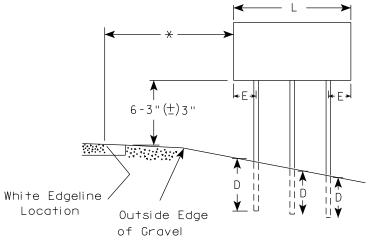
PLOT BY: mscsja

PLOT SCALE: 13.659812:1.000000

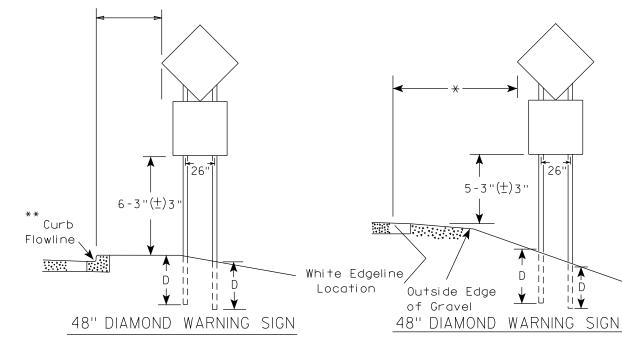
APPROVED

WISDOT/CADDS SHEET 42





2'Min - 4'Max (See Note 6)



	SIGN SHAPE OTHER THAN (TWO POSTS REQUIRE)	
	L	E
***	Greater than 48" Less than 60"	12''
	60" to 108"	L/5

HWY:

SIGN SHAPE OTHER THAN	DIAMOND
(THREE POSTS REQUIR	RED)
L	Е
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'' (\pm) 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.
- $\times \times \times$ See A4-3 sign plate for signs 4' or less in width and less than 20 S.F. in area.

POST EMBEDMENT DEPTH

	ı
Area of Sign	
Installation	D
(Sq. Ft.)	(Min)
20 or Less	4'
Greater than 20	5'

TYPICAL INSTALLATION OF TYPE II SIGNS ON MULTIPLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

Matther R Rauch
For State Traffic Engineer

DATE 12/6/23

PLATE NO. <u>A4-4.16</u>

Ε

CUEET NO.

SHEET NO:

FILE NAME : C:\CAEfiles\Project\tr_stdplate\A44.dgn

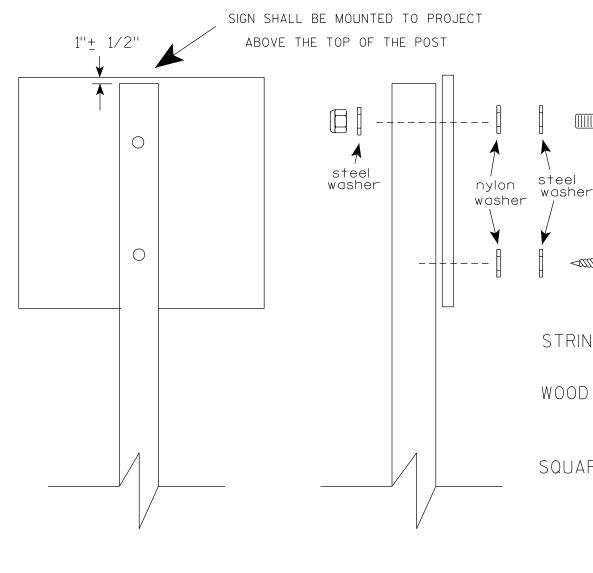
PROJECT NO:

COUNTY:

PLOT DATE: 6-DEC 2023 11:31

PLOT NAME :

PLOT BY : mscj9h



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 - $\frac{5}{16}$ " X 1-3/4" Length w/ lock nuts

WOOD POSTS $(4'' \times 6'')$

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 - 1/32 " (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 $\frac{3}{8}$ " I.D. X $\frac{1}{16}$ " STEEL 1-1/4" O.D. X $\frac{3}{8}$ " 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 Matther

≠or State Traffic Engineer

SHEET NO:

DATE 4/1/2020

PLATE NO. <u>A4-8.9</u>

PLOT DATE: 01-APRIL-2020

PLOT BY : dotc4c

WISDOT/CADDS SHEET 42

Ε

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A48.DGN

PROJECT NO:



PROJECT NO: HWY: COUNTY: SHEET NO: FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A49.DGN PLOT DATE: 05-FEB-2015 17:09 PLOT BY: mscsja PLOT NAME : PLOT SCALE: 13.659812:1.000000

DATE 2/05/15

PLATE NO. <u>A4-9.9</u>

For State Traffic Engineer



BANDING



SINGLE SIGN





WASHER PLACEMENT



HWY:

WASHERS (ALL POSTS) -

1-1/4" O.D. X³/₈" I.D. X¹/₁₆" STEEL 1-1/4" O.D. $\times \frac{3}{8}$ " I.D. \times .080 NYLON FOR ALL TYPE H SIGNS

CHANNEL

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 $\frac{3}{4}$ " 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

SHEET NO:

APPROVED

DATE 6/10/19

PLATE NO. A5-9.4

Ε

State Traffic Engineer

COUNTY:

PLOT NAME :

PLOT SCALE: \$\$.....plotscale.....\$\$ WISDOT/CADDS SHEET 42

PROJECT NO:

VIEW FROM TOP

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, $\frac{3}{4}$ " 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 $1^{1}/_{4}$ " O.D. X $3/_{8}$ " I.D. X $1/_{16}$ "
- 8. NYLON WASHERS SHALL BE $1^{1}/_{4}$ " O.D. X $3/_{8}$ " I.D. X .080 FOR TYPE H OR TYPE F FACE SIGN

 \rightarrow LAG BOLTS SHALL BE $\frac{3}{8}$ " X $\frac{2}{2}$ "

BLOCK BANDING DETAIL (V-BLOCK OPTION)

WISCONSIN DEPT OF TRANSPORTATION

Manher R

APPROVED

DATE 4/19/2022 PLATE NO. A5-10.3

SHEET NO:

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\A510.dgn

PROJECT NO:

PLOT DATE: 19-APRIL 2022 11:55

SIGN

PLOT BY : dotc4c

WISDOT/CADDS SHEET 42

Ε

- 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.

C —		<u> </u>
		H
		F H B
		F G
←	A	\
ı	G20-2A	I

SIZE D 4.5 36 3/8 1/23 3/4 | 2 1/2 | 4 1/8 | 4 1/8 | 11 1/8 12 1/8 18 1 1/2 4 1/2 3 3/4 5 7/8 6 3/4 16 3/4 2 1/2 1 3/4 18 1/2 5/8 48 1 1/8 1/2 8.0 2M 1 1/8 4 1/2 3 3/4 5 7/8 6 3/4 16 3/4 2 1/2 1 3/4 18 1/2 48 5/8 24 1/2 8.0 48 1 1/8 5/8 4 1/2 3 3/4 5 7/8 6 3/4 16 3/4 2 1/2 1 3/4 18 1/2 24 1/2 8.0 4 1/2 3 3/4 4 48 24 1 1/8 1/2 5/8 5 % 6 $\frac{3}{4}$ | 16 $\frac{3}{4}$ | 2 $\frac{1}{2}$ | 1 $\frac{3}{4}$ | 18 $\frac{1}{2}$ 8.0 5 48 24 | 1 $\frac{7}{8}$ 1/2 5/8 4 1/2 | 3 3/4 | 5 7/8 | 6 3/4 | 16 3/4 | 2 1/2 | 1 3/4 | 18 1/2 | 6 8.0

COUNTY:

STANDARD SIGN G20-2A

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew & Raw

SHEET NO:

For State Traffic Engineer

DATE 1/26/2023 PLATE NO. G20-2A.10

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\G202A.dgn

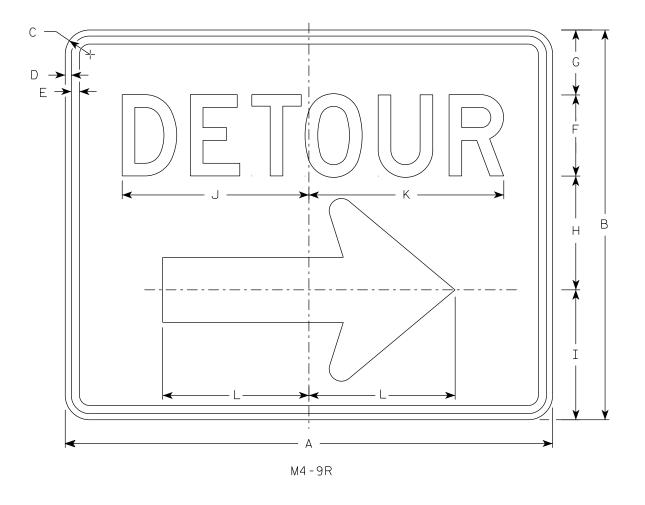
HWY:

PROJECT NO:

PLOT DATE: 26-JAN 2023 8:27

PLOT BY : dotc4c

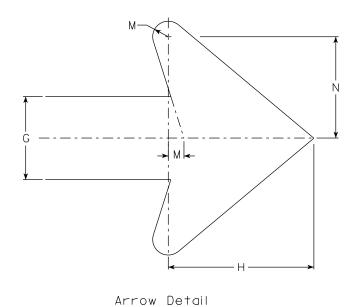
PLOT NAME :



- 1. Sign is Type II Type F Reflective
- 2. Color:

Background - Orange Message – Black

- 3. Message Series D
- 4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
- 4. M4-9L is the same as M4-9R except the arrow is reversed.



SIZE	А	В	С	D	E	F	G	Н	I	J	K	L	М	N	0	Р	Q	R	S	Т	U	٧	W	X	Y	Z	Area sq. ft.
1																											
2	30	24	1 1/2	3/8	1/2	5	4	7	8	11 1/2	12	9	3/4	4 1/8													5.00
2M	30	24	1 1/2	3/8	1/2	5	4	7	8	11 1/2	12	9	3/4	4 1/8													5.00
3	30	24	1 1/2	3/8	1/2	5	4	7	8	11 1/2	12	9	3/4	4 1/8													5.00
4	48	36	1 1/8	1/2	5/8	8	6	10 1/2 1	11	20 5/8	20 1/2	13 1/4	1 1/8	6 1/8													12.0
5	48	36	1 1/8	1/2	5/8	8	6	10 1/2 1	11 %	20 %	20 1/2	13 1/4	1 1/8	6 1/8													12.0

COUNTY:

STANDARD SIGN M4-9 R & L

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R

ForState Traffic Engineer DATE 2/9/2023 PLATE NO. M4-9R.6

Ε

HWY:

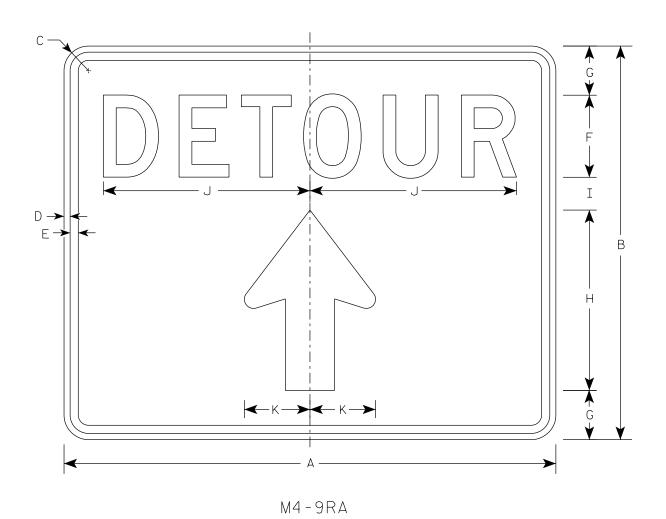
PROJECT NO:

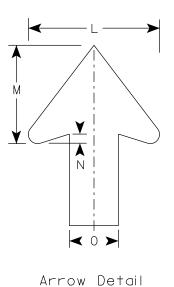
PLOT NAME :

- 1. Sign is Type II-Type F Reflective
- 2. Color:

Background - Orange Message - Black

3. Message Series - D





K	L	М	N	0	Р	Q	R	S	Т	U	٧	W	Х	Y	Z	Area sq. ft.
4	8	6	1/2	3												5.00

1 1/2 3/8 1/2 12 5/8 30 24 5 3 11 2 3/8 12 5/8 2M 30 1 1/2 1/2 5 3 2 4 6 1/2 3 5.00 24 11 8 4

COUNTY:

STANDARD SIGN M4-9RA

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch

For State Traffic Engineer

SHEET NO:

DATE 2/9/2023 PLATE NO. M4-9RA.3

PROJECT NO:
FILE NAME: C:\CAEfiles\Projects\tr_stdplate\M49RA.dgn

HWY:

SIZE

PLOT DATE: 9-FEB 2023 4:19

PLOT BY : dotc4c

PLOT NAME :

PLOT SCALE: \$\$.....plotscale.....\$\$ WISDOT/CADDS SHEET 42

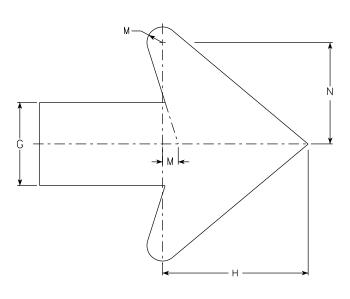
1

DAIL

- 1. Sign is Type II Type F Reflective
- 2. Color:

Background - Orange Message - Black

- 3. Message Series D
- 4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown when base material is metal.
- 5. M4-59L is the same as M4-59R except the arrow is reversed.



Arrow Detail

*	
	\

M4-59R

HWY:

SIZE	Α	В	С	D	E	F	G	Н	I	J	K	L	М	N	0	Р	Q	R	S	Т	U	V	W	Х	Y	Z	Area sq. ft.
1																											
25	30	30	1 1/8	3/8	1/2	5	3 1/2	2 3/4	16 5/8	11 1/2	12	10 1/2	3/4	4 1/8	2 1/8												6.25
2M	30	30	1 1/8	3/8	1/2	5	3 1/2	2 3/4	16 5/8	11 1/2	12	10 1/2	3/4	4 1/8	2 1/8												6.25
3	30	30	1 1/8	3/8	1/2	5	3 1/2	2 3/4	16 5/8	11 1/2	12	10 1/2	3/4	4 1/8	2 1/8												6.25
4	48	48	2 1/4	1/2	5/8	8				20 %		1	1 1/8	6 1/8	3 3/8												16.0
5	48	48	2 1/4	1/2	5/8	8	5 %	4 3/8	26 ½	20 %	20 1/2	17	1 1/8	6 1/8	3 3/8												16.0

COUNTY:

STANDARD SIGN M4-59 L&R

WISCONSIN DEPT OF TRANSPORTATION

APPROVED /

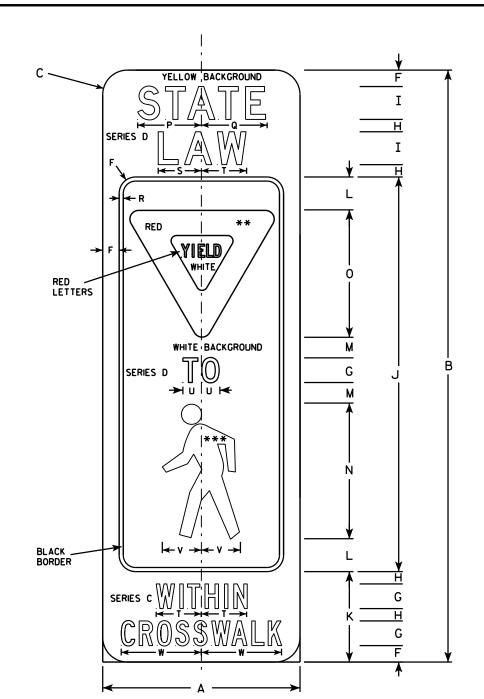
For State Traffic Engineer

DATE 2/13/2023 PLATE NO. M4-59.2

SHEET NO:

Ε

PROJECT NO:



1. Sign is Type II - Type F Reflective

2. Color:

Background - YELLOW

Message - BLACK

YIELD SYMBOL - RED ON WHITE

PED SYMBOL - BLACK ON WHITE

- 3. Message Series AS SHOWN AND IN TABLE
- 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	Α	В	С	D	E	F	G	Н	I	J	K	L	М	N	0	Р	0	R	S	T	U	V	W	Х	Y	Z	Areg sq. ft.
1																											
2S	12	36	1 1/2			1	1 ½C	3/4	2 D	24	5 ½	2	1 1/4	8 1/4	7 3/4	3 1/8	4	1/4	2 %	2 3/4	1 1/8	2 3/8	4 1/8				3.0
2M	12	36	1 1/2			1	1 ½C	3/4	2 D	24	5 ½	2	1 1/4	8 1/4	7 3/4	3 %	4	1/4	2 %	2 3/4	1 1/8	2 %	4 1/8				3.0
3																											
4																											
5																											

STANDARD SIGN R1-6

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

For State Traffic Engineer

DATE <u>4/29/14</u>

SHEET NO:

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\R16.DGN

PROJECT NO:

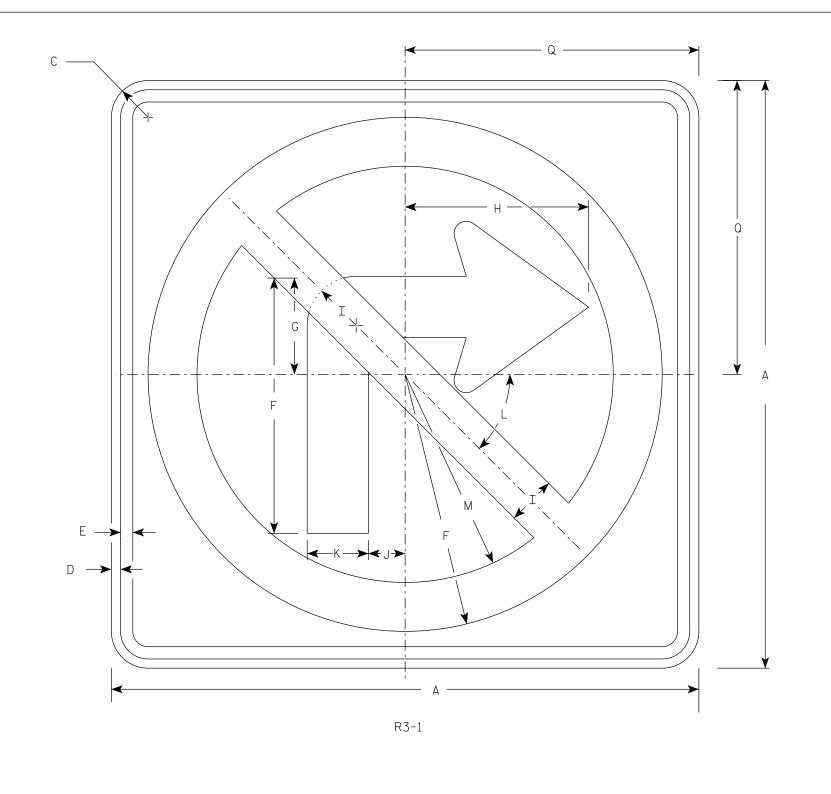
PLOT DATE: 30-APR-2014 10:49

WISDOT/CADDS SHEET 42

PLATE NO. R1-6.3

49 PLOT BY: mscsja

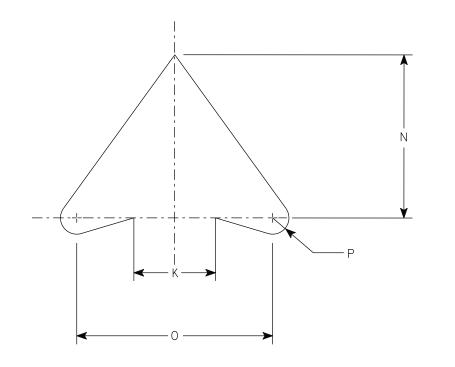
7



- 1. Sign is Type II Type H Reflective
- 2. Color:

Background - White Message - See note 3

3. Border & Arrow are non reflective black, the circle with diagonal bar is reflective red.



ARROW DETAIL

SIZE	Α	В	С	D	E	F	G	Н	I	J	K	L	M N	0	Р	Q	R	S	Т	U	٧	W	X	Υ	Z	Area sq. ft.
1	24		1 1/2	3/8	1/2	10 1/2	4	7 1/2	2	1 1/2	2 1/2	45	8 1/2 5	6	1/2	12										4.0
25	24		1 1/2	3/8	1/2	10 1/2	4	7 1/2	2	1 1/2	2 1/2	45 °	8 1/2 5	6	1/2	12										4.0
2M	36		2 1/4	5/8	3/4	15 3/4	6	11 1/4	3	2 1/4	3 3/4	45	12 3/4 7 1/2	9	3/4	18										9.0
3	36		2 1/4	5/8	3/4	15 3/4	6	11 1/4	3	2 1/4	3 3/4	45	12 3/4 7 1/2	9	3/4	18										9.0
4	36		2 1/4	5/8	3/4	15 3/4	6	11 1/4	3	2 1/4	3 3/4	45°	12 3/4 7 1/2	9	3/4	18										9.0
5	48		2 1/4	3/4	1	21	8	15	4	3	5	45°	17 10	12	1	24										16.0

COUNTY:

STANDARD SIGN R3-1

WISCONSIN DEPT OF TRANSPORTATION

SHEET NO:

PPROVED

Matthew R Laure

For State Traffic Engineer

DATE 2/2/23 PLATE NO. R3-1.6

FILE NAME : C:\CAEfiles\Projects\tr-stdplate\R31.dgn

HWY:

PROJECT NO:

PLOT DATE: 9-JULY 2024 1:51

PLOT BY : mscj9h

PLOT NAME :

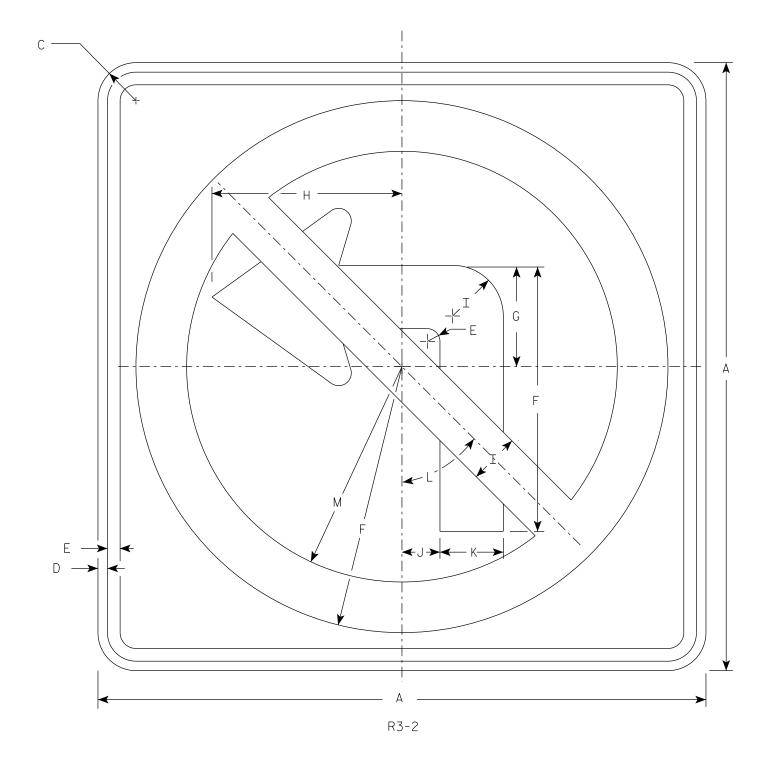


- 1. Sign is Type II Type H Reflective
- 2. Color:

Background - White

Message - See note 3

3. Border & Arrow are non reflective black, the circle with diagonal bar is reflective red.



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ARROW DETAIL

SIZE	Α	В	С	D	E	F	G	Н	I	J	K	L	М	N	0	Р	Q	R	S	Т	U	٧	W	Х	Y	Z	Area sq. ft.
1	24		1 1/2	3/8	1/2	10 1/2	4	7 1/2	2	1 1/2	2 1/2	45°	8 1/2	5	6	1/2											4.0
25	24		1 1/2	3/8	1/2	10 1/2	4	7 1/2	2	1 1/2	2 1/2	45°	8 1/2	5	6	1/2											4.0
2M	36		2 1/4	5/8	3/4	15 ¾	6	11 1/4	3	2 1/4	3 3/4	45°	12 3/4	7 1/2	9	3/4											9.0
3	36		2 1/4	5/8	3/4	15 3/4	6	11 1/4	3	2 1/4	3 3/4	45°	12 3/4	7 1/2	9	3/4											9.0
4	36		2 1/4	5/8	3/4	15 3/4	6	11 1/4	3	2 1/4	3 3/4	45°	12 3/4	7 1/2	9	3/4											9.0
5	48		2 1/4	3/4	1	21	8	15	4	3	5	45°	17	10	12	1											16.0

COUNTY:

STANDARD SIGN R3-2

WISCONSIN DEPT OF TRANSPORTATION

SHEET NO:

APPROVED Matthew & & Forstate Traffic Engineer

DATE <u>2/2/23</u>

PLATE NO. <u>R3-2.11</u>

Ε

FILE NAME : C::CAEfiles\Projects\tr_stdpldate\R32.dgn

PROJECT NO:

HWY:

PLOT DATE: 9-JULY 2024 2:11

PLOT BY: mscj9h

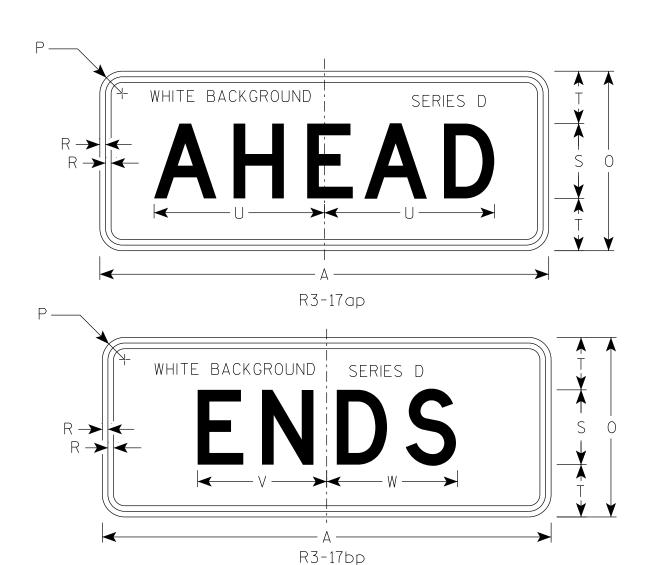
PLOT NAME :

2. Color:

Background - AS SHOWN Message - BLACK

3. Message Series - C or as noted





																											R3-17	R3-17ap	R3-17bp
SIZE	Α	В	С	D	E	F	G	Н	I	J	K	L	М	Ν	0	Р	Q	R	S	T	U	٧	W	Х	Y	Z	Area sq. ft.	Area sq. ft.	Area sq. ft.
1																													
25	30	24	1 1/2	3/8	1/2	2	4	4 1/8	7 1/8	6 3/8	9 1/2	2 5/8	7/8	13	12	1 1/2	3 3/8	3/8	5	3 1/2	11 3/8	8 %	8 3/4	2 3/8	15 %	8	5.0	2.5	2.5
2M	30	24	1 1/2	3/8	1/2	2	4	4 1/8	7 1/8	6 3/8	9 1/2	2 5/8	7/8	13	12	1 1/2	3 3/8	3/8	5	3 1/2	11 3/8	8 5/8	8 3/4	2 3/8	15 5/8	8	5.0	2.5	2.5
3																													
4																													
5																													
				•	•	•									•	•	•	•	•	•				•			•		•

STANDARD SIGN
R3-17 & R3-170&DP

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

Matther R Rauch

For State Traffic Engineer

DATE 2/23/23 PLATE NO. R3-17.3

SHEET NO:

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\R317.dgn

PROJECT NO:

PLOT DATE: 23-FEB 2023 9:44

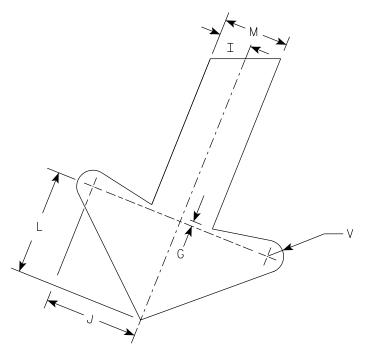
PLOT BY: mscj9h

1. Sign is Type II - Type H Reflective

2. Color:

Background - White Message - Black

3. Message Series - E



ARROW DETAIL

PLOT NAME :

								1			ı							ı									1 1
SIZE	Α	В	С	D	E	l-	G	Н	I	J	K	L	М	N	0	Р	Q	R	S	T		٧	W	Х	Y	Z	Area sq. ft.
1																											
25	24	36	1 1/2	3/8	1/2	4	1/4	2 1/2	1	2 1/8	2	3 1/4	2	1 1/2	7 1/4	7 1/2		8 1/8	7	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 1/8	2 5/8	3 1/4	2	1 1/2	7 1/4	7 1/2		8 1/8	7	8	22°	1/2	9 1/2				6.0
3	36	54	1 1/8	1/2	5/8	6	3/8	3 3/4	1 1/2	4 1/4	4	4 1//8	3	2 1/4	10 1/8	11 1/4		12 1/4	11 ½	12	22°	3/4	13 1/4				13.5
4																											
5																											

COUNTY:

R3-20LL

HWY:

М

М

М

Ν

STANDARD SIGN R3-20LL

WISCONSIN DEPT OF TRANSPORTATION

 \mathcal{F}_{or} State Traffic Engineer

DATE 2/23/23

PLATE NO. <u>R3-20LL.2</u>

SHEET NO:

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\R320LL.dgn

PROJECT NO:

PLOT DATE: 23-FEB 2023 10:35

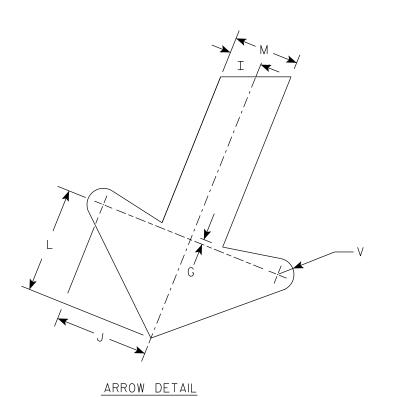
PLOT BY : mscj9h

1. Sign is Type II - Type H Reflective

2. Color:

Background - White Message - Black

3. Message Series - E



	F S M	
	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	
	U N M	
-	A — R3-20R	

SIZE	А	В	С	D	E	F	G	Н	I	J	K	L	М	N	0	Р	Q	R	S	Т	U	V	W	Χ	Y	Z	Area sq. ft.
1																											
25	24	36	1 1/2	3/8	1/2	4	1/4	2 1/2	1	2 1/8	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 1/8	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 1/8	1/2	5/8	6	3/8	3 3/4	1 1/2	4 1/4	4	4 1/8	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																											

М

STANDARD SIGN R3-20R

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R R

For State Traffic Engineer

DATE 2/23/23 PLATE NO. R3-20R.7

PROJECT NO: HWY: COUNTY: E

PLOT DATE: 23-FEB 2023 10:46

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\R320R.dgn

PLOT BY: mscj9h

- 1. Sign is Type II Type H Reflective
- 2. Color:

Background - White Message - Black

- 3. Message Series D
- 4. R3-53L same as R3-53R except LEFT is substituted for RIGHT

A	
	R3-53L
R3-53R	

SIZE	Α	В	С	D	E	F	G	Н	I	J	K	L	М	N	0	Ρ	Q	R	S	Т	U	٧	W	X	Υ	Z	Area sq. ft.
1																											
25	24	30	1 1/2	3/8	1/2	5	8 3/4	9 1/2	7 3/4	8	4	3 1/4 4	1 1/2	7 1/2													5.0
2M	24	30	1 1/2	3/8	1/2	5	8 3/4	9 1/2	7 3/4	8	4	3 1/4 4	1 1/2	7 1/2													5.0
3	24	30	1 1/2	3/8	1/2	5	8 3/4	9 1/2	7 3/4	8	4	3 1/4 4	1 1/2	7 1/2													5.0
4																											
5				·	·	·										·		·	·			·		·			

COUNTY:

STANDARD SIGN R3-53

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew

 f_{or} State Traffic Engineer

DATE 2/23/23 PLATE NO. R3-53.9 SHEET NO:

Ε

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\R353.dgn

PROJECT NO:

PLOT DATE : 23-FEB 2023 2:56

PLOT BY: mscj9h

PLOT NAME :

PLOT SCALE: \$\$.....plotscale.....\$\$ WISDOT/CADDS SHEET 42

HWY:



- 1. Sign is Type II Type H Reflective
- 2. Color:

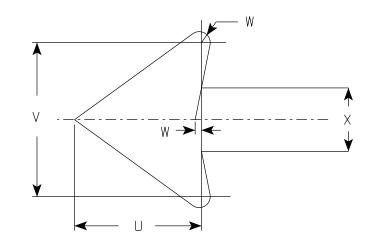
Background - White Message - Red

- 3. Message Series See Note 4
- 4. Lines 1, 3 and 4 are series C, line 2 is series B.
- 5. R7-1D (double arrow)

R7-1L (left arrow)

R7-1R (right arrow)

ARROW DETAIL



R7-1

SIZE	А	В	С	D	E	Ŀ	G	Ι	I	٦	K	L	М	N	0	Р	Q	R	S	Т	U	٧	W	X	Y	Z	Area sq. ft.
1	12	18	1 1/2	3/8	3/8	3	1 1/8	2	7/8	5/8	1 1/2	2 1/2	2	2	4 1/8	4 1/8	2 1/4	2 1/8	2 1/2	3 1/8	1 1/2	1 3/4	1/8	3/4			1.5
25	18	24	1 1/2	3/8	1/2	4	2 1/2	2 1/2	1 1/4	1	2	3 1/4	2 3/4	2 5/8	7 1/8	7	2 3/4	2 5/8	3 1/8	5 %	2 1/4	2 5/8	1/4	1 1/8			3.0
2M	24	30	1 1/2	3/8	1/2	5	3	3	2	1 1/4	2 1/2	4	3 1/4	3 3/8	9 1/4	9 1/4	3 1/4	3 1/4	3 3/4	7 3/4	3	3 1/2	1/4	1 1/2			5.0
3	24	30	1 1/2	3/8	1/2	5	3	3	2	1 1/4	2 1/2	4	3 1/4	3 3/8	9 1/4	9 1/4	3 1/4	3 1/4	3 3/4	7 3/4	3	3 1/2	1/4	1 1/2			5.0
4																											
5																											

COUNTY:

STANDARD SIGN R7-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

 $\frac{\mathcal{U}\mathcal{M}\mathcal{U}}{\mathcal{M}}$ State Traffic Engineer

SHEET NO:

DATE 10/26/23

PLATE NO. <u>R7-1.11</u>

FILE NAME : C:\Users\PROJECTS\tr_stdplate\R71.dgn

HWY:

PROJECT NO:

PLOT DATE: 26-OCT 2023 2:48

PLOT BY: mscj9h

PLOT NAME :

Background - Sign is white Type H Reflective; paraplegic background is blue.

Message - Legend and border are green; paraplegic symbol is white

3. Message Series - Lines 1 & 2 are Series B Lines 3, 4, 5 & 6 are Series C

C
D S D S D S D S F K
H O G B
VEHICLES WITH DIS HOR DIS VET PLATES HOR STATE DISABLED CARD HOP PARTIES OF THE PROPERTY OF TH
R7-8A

SIZE	А	В	С	D	E	F	G	Н	I	J	К	L	М	N	0	Р	Q	R	S	Т	U	٧	W	X	Y	Z	Area sq. ft.
1																											
25	12	18	1 1/2	3/8	3/8	2	5	1/2	1 1/2	3/4	5/8	3/8	1 3/8	1 1/4	4	5/8		3 1/2	4 3/8	4	2 1/2	3	3 1/8	1 1/4	1/4	4 3/4	1.5
2M	18	24	1 1/2	3/8	1/2	3	6	3/4	2	7/8	5/8	1/2	1 1/8	2	5	3/4		4 5/8	6 1/2	5 3/8	3	4 1/2	5 1/8	1 1/2	1/4	6 3/8	3.0
3	18	24	1 1/2	3/8	1/2	3	6	3/4	2	7/8	5/8	1/2	1 1/8	2	5	3/4		4 5/8	6 1/2	5 3/8	3	4 1/2	5 1/8	1 1/2	1/4	6 3/8	3.0
4																											
5																											

COUNTY:

STANDARD SIGN R7-8A

WISCONSIN DEPT OF TRANSPORTATION

SHEET NO:

APPROVED

For State Traffic Engineer

DATE 11/9/23

PLATE NO. <u>R7-8A.7</u>

Ε

HWY:

PLOT DATE: 9-NOV 2023 2:48

PLOT BY: mscj9h

PLOT NAME :

PLOT SCALE: \$\$.....plo†scale.....\$\$ WISDOT/CADDS SHEET 42

FILE NAME : C:\CAEfiles\Projects\tr_stpldate\R78A.dgn

PROJECT NO:

1. Sign is Type II - Type H Reflective

2. Color:

Background - White Message - Black

3. Message Series - Lines 1 & 3 are Series C Line 2 is Series B

C -		F
E -	$G \longrightarrow G \longrightarrow$	F H
	PEDESTRIAN	B
	CROSSING	→ G → G →
	A R9-3	

SIZE	Α	В	С	D	E	F	G	Н	I	J	K	L	М	N	0	Р	Q	R	S	Т	U	٧	W	Х	Y	Z	Area sq. ft.
1																											
25	12	18	1 1/2	3/8	3/8	3	2	2 1/4 3	1/2 4	7/8																	1.5
2M	12	18	1 1/2	3/8	3/8	3	2	2 1/4 3	1/2 4	7/8																	1.5
3																											
4																											
5	·												·	·													

COUNTY:

STANDARD SIGN R9-3

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

 \mathcal{F}_{or} State Traffic Engineer

DATE 1/23/24 PLATE NO. R9-3.7

SHEET NO:

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\R93.dgn

HWY:

PLOT DATE: 23-JAN 2024 11:07

PLOT BY: mscj9h

PLOT NAME :

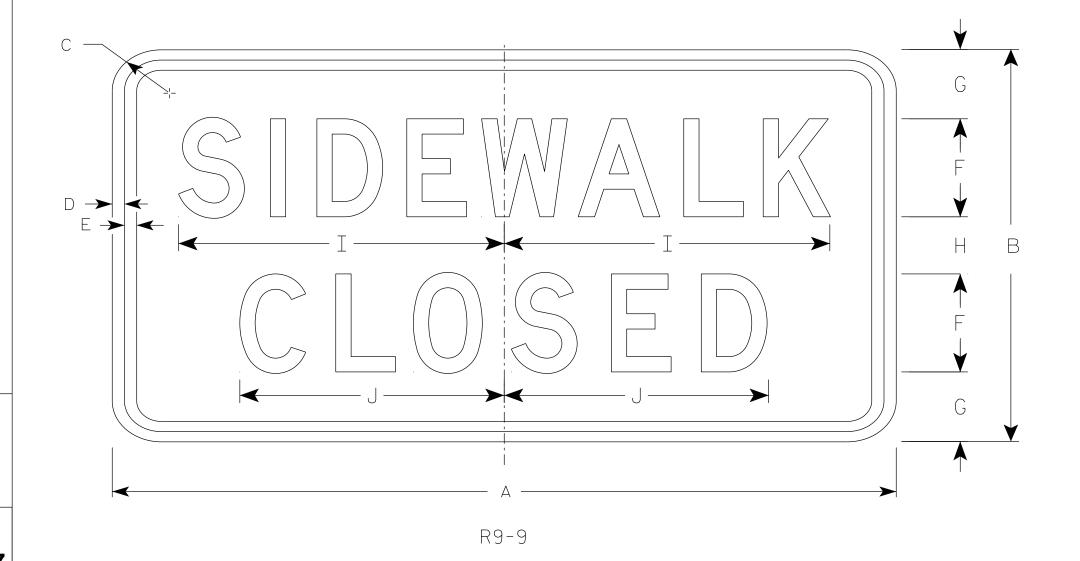
PLOT SCALE: \$\$.....plotscale.....\$\$ WISDOT/CADDS SHEET 42

PROJECT NO:

- 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	А	В	С	D	E	F	G	Н	I	J	K	L	М	N	0	Р	0	R	S	Т	U	V	W	Х	Y	Z	Area sq. ft.
1																											
25	24	12	1 1/2	1/2	1/2	3	2 1/8	1 3/4	10	8 1/8																	2.0
2M	24	12	1 1/2	1/2	1/2	3	2 1/8	1 3/4	10	8 1/8																	2.0
3	30	18	1 1/2	1/2	1/2	4	3 1/2	3	12 1/2	10 1/4																	3.75
4																											
5																											

COUNTY:

STANDARD SIGN R9-9

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

For State Traffic Engineer

SHEET NO:

DATE <u>1/24/24</u>

PLATE NO. <u>R9-9.7</u>

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\R99.dgn

HWY:

PROJECT NO:

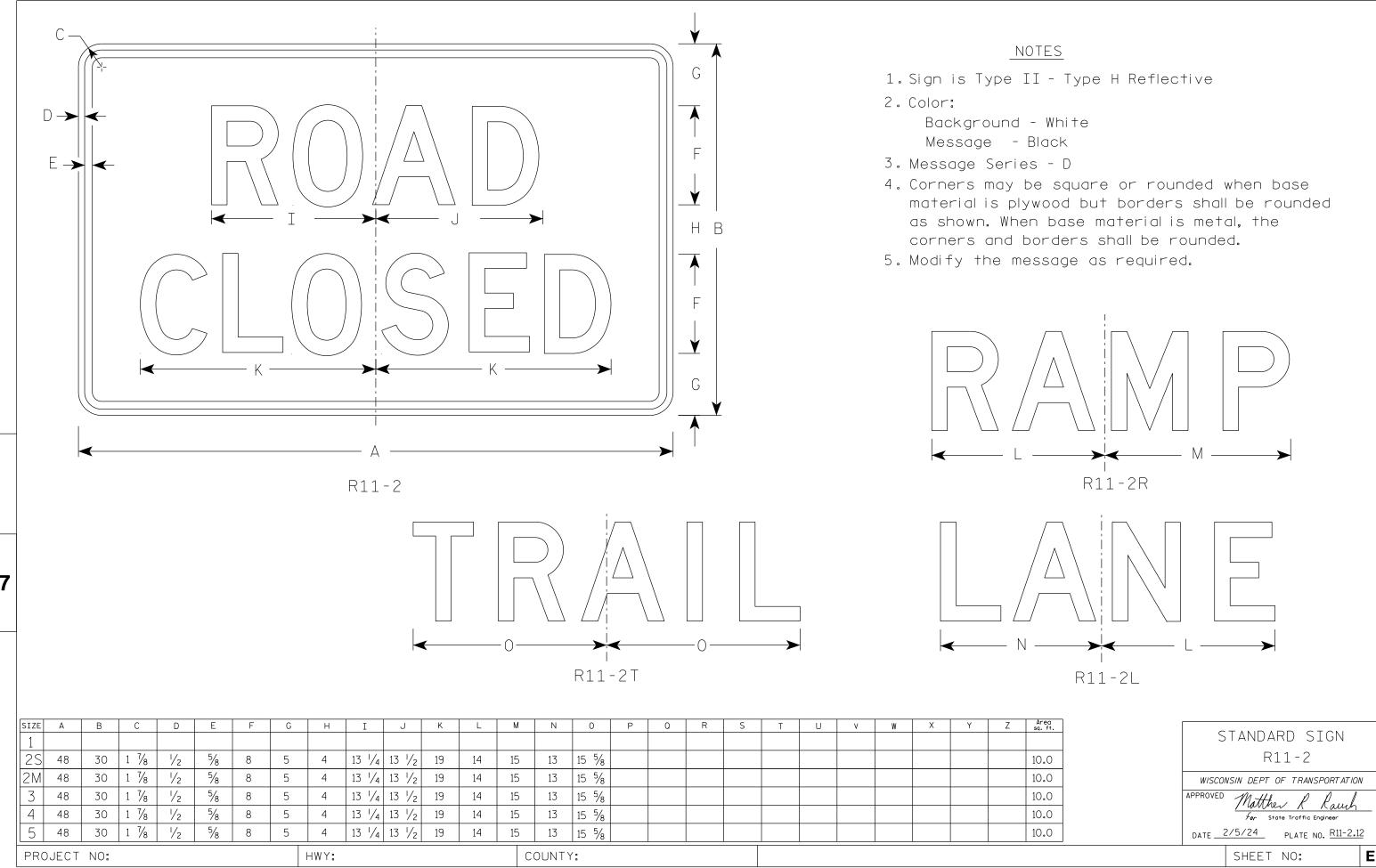
PLOT DATE: 24-JAN 2024 11:55

PLOT BY: mscj9h

PLOT NAME :

PLOT SCALE: \$\$.....plotscale.....\$\$WISDOT/CADDS SHEET 42

1



FILE NAME : C:\Users\PROJECTS\tr_stdplate\R112.dgn

PLOT DATE: 5-FEB 2024 2:10

PLOT BY: mscj9h

PLOT NAME :



- 1. Sign is Type II Type H Reflective
- 2. Color:

Background - White Message - Black

- 3. Message Series C
- 4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
- 5. Substitute appropriate numerals to nearest quarter mile and optically adjust spacing to achieve proper balance.

R11-3

** See Note 5

HWY:

В	C	D	E	F	G	Н	I	J	K	L	М	N	0	Р	Q	R	S	Т	U	٧	W	Х	Υ	Z	Area sq. ft.
18	1 1/2	3/8	3/8	4	3	2	11 1/4	3	1 1/8	15 3/8	2	3 3/4	8 1/4	5/8		1 3/8	13 1/4	8 3/8	7/8	10 1/2	7 1/8				4.5
30	1 7/8	1/2	5/8	6	5	3 1/2	16 1/8	5	1 3/8	23 1/4	3	6 1/4	13	1 1/8		1 1/8	22 1/8	14	1 1/2	17 1/2	11 1/8				12.5
30	1 7/8	1/2	5/8	6	5	3 1/2	16 1/8	5	1 3/8	23 1/4	3	6 1/4	13 %	1 1/8		1 1/8	22 1/8	14	1 1/2	17 1/2	11 7/8				12.5
)	30	30 1 7/8	18 1 ½ ¾ 30 1 ⅓ ½	18 1 ½ 3/8 3/8 30 1 7/8 ½ 5/8	18 1 ½ 3/8 3/8 4 30 1 7/8 ½ 5/8 6	18 1 ½ 3/8 3/8 4 3 30 1 ½ ½ 5/8 6 5	18 1 ½ 3/8 3/8 4 3 2 30 1 ½ 5/8 6 5 3 ½	18 1 ½ 3/8 3/8 4 3 2 11 ¼ 30 1 ½ 5/8 6 5 3 ½ 16 ¾	18 1 ½ 3/8 3/8 4 3 2 11 ¼ 3 30 1 ¾ ½ 5/8 6 5 3 ½ 16 ¾ 5	18 1 ½ 3/8 3/8 4 3 2 11 ¼ 3 1 ⅓ 30 1 ¾ ½ 5/8 6 5 3 ½ 16 ¾ 5 1 ¾	18 1 ½ 3/8 3/8 4 3 2 11 ¼ 3 1 ½ 15 3/8 30 1 ½ 5/8 6 5 3 ½ 16 ½ 5 1 3/8 23 ¼	18 1 ½ 3/8 3/8 4 3 2 11 ¼ 3 1 ½ 15 3/8 2 30 1 ¾ ½ 5/8 6 5 3 ½ 16 ¾ 5 1 3/8 23 ¼ 3	18 1 ½ 3/8 3/8 4 3 2 11 ¼ 3 1 ⅓ 15 ¾ 15 ¾ 2 3 ¾ 30 1 ¾ ½ 5/8 6 5 3 ½ 16 ¾ 5 1 ¾ 23 ¼ 3 6 ¼	18 1 ½ 3/8 3/8 4 3 2 11 ¼ 3 1 ⅓ 15 ¾ 2 3 ¾ 8 ¼ 30 1 ¾ ½ 5/8 6 5 3 ½ 16 ¾ 5 1 ¾ 23 ¼ 3 6 ¼ 13 ¾	18 1 ½ 3/8 3/8 4 3 2 11 ¼ 3 1 ⅓ 15 ¾ 2 3 ¾ 8 ¼ 5/8 30 1 ¾ ½ 5/8 6 5 3 ½ 16 ¾ 5 1 ¾ 23 ¼ 3 6 ¼ 13 ½ 1 ½	18 1 ½ 3/8 3/8 4 3 2 11 ¼ 3 1 ⅓ 15 ¾ 2 3 ¾ 8 ¼ 5/8 30 1 ¾ ½ 5/8 6 5 3 ½ 16 ¾ 5 1 ¾ 23 ¼ 3 6 ¼ 13 ¾ 1 ½	18 1 ½ 3/8 3/8 4 3 2 11 ¼ 3 1 ⅓ 15 ¾ 2 3 ¾ 8 ¼ 5/8 1 ¾ 30 1 ¾ ½ 5/8 6 5 3 ½ 16 ¾ 5 1 ¾ 23 ¼ 3 6 ¼ 13 ½ 1 ½	18 1 ½ 3/8 3/8 4 3 2 11 ¼ 3 1 ⅓8 15 ¾8 2 3 ¾4 8 ¼4 5/8 1 ¾8 13 ¼4 30 1 ¾8 ½ 5/8 6 5 3 ½ 16 ¾8 5 1 ¾8 23 ¼4 3 6 ¼4 13 ½8 1 ⅓8 1 ¾8 22 ⅓8	18 1 ½ 3/8 3/8 4 3 2 11 ¼ 3 1 ⅓8 15 ¾8 2 3 ¾4 8 ¼4 5/8 1 ¾8 13 ¼4 8 ¾8 30 1 ¾8 ½ 5/8 6 5 3 ½ 16 ¾8 5 1 ¾8 23 ¼4 3 6 ¼4 13 ½8 1 ⅓8 1 ¾8 12 ½8 14	18 1 ½ 3/8 3/8 4 3 2 11 ¼ 3 1 ⅓8 15 ¾8 2 3 ¾4 8 ¼4 5/8 1 ¾8 13 ¼4 8 ¾8 ½8 30 1 ¾8 ½ 5/8 6 5 3 ½ 16 ¾8 5 1 ¾8 23 ¼4 3 6 ¼4 13 ½8 1 ⅓8 11 ¾8 22 ⅓8 14 1 ½2	18 1 ½ 3/8 3/8 4 3 2 11 ¼ 3 1 ⅓8 15 ¾8 2 3 ¾4 8 ¼4 5/8 1 ¾8 13 ¼4 8 ¾8 ¼8 10 ½ 30 1 ¾8 ½ 5/8 6 5 3 ½ 16 ¾8 5 1 ¾8 23 ¼4 3 6 ¼4 13 ½8 1 ⅓8 1 ¾8 12 ½8 14 1 ½2 17 ½2	18 1 ½ 3/8 3/8 4 3 2 11 ¼ 3 1 ⅓ 15 ¾ 2 3 ¾ 8 ¼ 5/8 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¼ <t< td=""><td>18 1 ½ 3/8 3/8 4 3 2 11 ¼ 3 1 ⅓ 15 ¾ 2 3 ¾ 8 ¼ 5/8 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ½ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¼ 1 ¼ 1 ¼ 1 ¼ 1 ¼ 1 ½ <t< td=""><td>18 1 ½ 3/8 3/8 4 3 2 11 ¼ 3 1 ⅓ 15 ¾ 2 3 ¾ 8 ¼ 5/8 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¼ 1 ½ <t< td=""><td>18 1 ½ 3/8 3/8 4 3 2 11 ¼ 3 1 ⅓ 15 ¾ 2 3 ¾ 8 ¼ 5/8 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ½ <t< td=""></t<></td></t<></td></t<></td></t<>	18 1 ½ 3/8 3/8 4 3 2 11 ¼ 3 1 ⅓ 15 ¾ 2 3 ¾ 8 ¼ 5/8 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ½ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¼ 1 ¼ 1 ¼ 1 ¼ 1 ¼ 1 ½ <t< td=""><td>18 1 ½ 3/8 3/8 4 3 2 11 ¼ 3 1 ⅓ 15 ¾ 2 3 ¾ 8 ¼ 5/8 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¼ 1 ½ <t< td=""><td>18 1 ½ 3/8 3/8 4 3 2 11 ¼ 3 1 ⅓ 15 ¾ 2 3 ¾ 8 ¼ 5/8 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ½ <t< td=""></t<></td></t<></td></t<>	18 1 ½ 3/8 3/8 4 3 2 11 ¼ 3 1 ⅓ 15 ¾ 2 3 ¾ 8 ¼ 5/8 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¼ 1 ½ <t< td=""><td>18 1 ½ 3/8 3/8 4 3 2 11 ¼ 3 1 ⅓ 15 ¾ 2 3 ¾ 8 ¼ 5/8 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ½ <t< td=""></t<></td></t<>	18 1 ½ 3/8 3/8 4 3 2 11 ¼ 3 1 ⅓ 15 ¾ 2 3 ¾ 8 ¼ 5/8 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ¾ 1 ½ <t< td=""></t<>

COUNTY:

STANDARD SIGN R11-3

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matther & Rawh

For State Traffic Engineer

SHEET NO:

DATE <u>2/5/24</u> PLATE NO. <u>R11-3.10</u>

Ε

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\R113.DGN

PROJECT NO:

PLOT DATE : 5-FEB 2024 2:30

PLOT BY: mscj9h

PLOT NAME :

- 1. Sign is Type II Type H Reflective
- 2. Color:

Background - White Message - Black

- 3. Message Series C
- 4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



K11-2

SIZE	Α	В	С	D	E	F	G	Ι	I	J	K	L	М	N	0	Р	Q	R	S	Т	U	٧	W	X	Υ	Z	Area sq. ft.
1																											
25	60	30	1 1/8	1/2	5/8	6	5	4	2 1/2	16 1/8		7/8	23 3/8	3 1/4	3	16 3/4	5 1/4	2 1/4	24 1/4								12.5
2M	60	30	1 1/8	1/2	5/8	6	5	4	2 1/2	16 1/8		7/8	23 3/8	3 1/4	3	16 3/4	5 1/4	2 1/4	24 1/4								12.5
3																											
4																											
5																											

COUNTY:

STANDARD SIGN R11 - 4

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

Matthew K Kaul For State Traffic Engineer

SHEET NO:

DATE 2/5/24

PLATE NO. R11-4.4

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\R114.dgn

HWY:

PROJECT NO:

PLOT DATE : 5-FEB 2024 2:54

PLOT BY: mscj9h

PLOT NAME: PLOT SCALE: \$\$.

PLOT SCALE: \$\$.....plotscale.....\$\$ WISDOT/CADDS SHEET 42

7

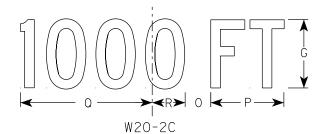


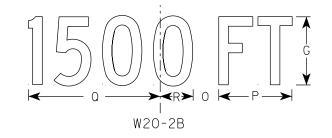
- 1. Sign is Type II Type F Reflective
- 2. Color:

Background - Orange Message - Black

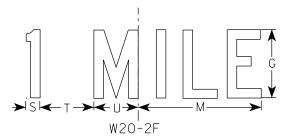
- 3. Message Series See note 5
- 4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
- 5. Line 1 is Series D.
 Line 2 is Series D for AHEAD and
 Series C for all other distances.

S N O P
W20-2D









SIZE	А	В	С	D	E	F	G	Н	I	J	K	L	М	N	0	Р	Q	R	S	Т	U	٧	W	Х	Y	Z	Area sq. ft.
	36		2 1/4	5/8	3/4	6	5	1	2 1/4	14 3/4	15	11 5/8	9	1 3/8	1 1/8	5 5/8	10 1/8	2 1/2	1 1/8	4 1/2	3 1/2	8	1 3/4	10 3/4			9.0
25	48		3	3/4	1	8	7	1 1/4	3	19 3/4	20	15 1/2	12	1 1/8	2 5/8	7 1/2	13 ½	3 3/8	1 1/2	6	4 5/8	10	2 3/8	14 3/8			16.0
2M	48		3	3/4	1	8	7	1 1/4	3	19 ¾	20	15 1/2	12	1 1/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	10	2 3/8	14 3/8			16.0
3	48		3	3/4	1	8	7	1 1/4	3	19 3/4	20	15 1/2	12	1 1/8	2 5/8	7 1/2	13 ½	3 3/8	1 1/2	6	4 5/8	10	2 3/8	14 3/8			16.0
4	48		3	3/4	1	8	7	1 1/4	3	19 3/4	20	15 1/2	12	1 1/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	10	2 3/8	14 3/8			16.0
5	48		3	3/4	1	8	7	1 1/4	3	19 3/4	20	15 1/2	12	1 1/8	2 5/8	7 1/2	13 ½	3 3/8	1 1/2	6	4 5/8	10	2 3/8	14 3/8			16.0

COUNTY:

STANDARD SIGN W20-2A,B,C,D,F & G

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R

DATE 1/10/2024 PLATE NO. W20-2.7

SHEET NO:

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\W202.DGN

PROJECT NO:

PLOT DATE: 10-JAN 2024 11:36

PLOT BY : dotc4c

PLOT NAME :

PLOT SCALE: \$\$.....plo†scale.....\$\$WISDOT/CADDS SHEET 42

W20-2A

HWY:



- 1. Sign is Type II Type F Reflective
- 2. Color:

- 3. Message Series see note 5
- 4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
- 5. Lines 1 and 2 are Series D.
 Line 3 is Series D for AHEAD and
 Series C for all other distances.

1
W20-3D
$\begin{array}{c c} \hline & & & \\ \hline $
W20-3B
W20-3G

W20-3A

HWY:

SIZE	А	В	С	D	Е	F	G	Н	I	J	K	L	М	N	0	Р	Q	R	S	Т	U	٧	W	Х	Y Z	Area sq. ft.
1	36		2 1/4	5/8	3/4	5	3 3/8	3 1/2	1 1/8	4	8 3/8	8 1/8	12 1/2	11	9	6	10 1/8	2 1/2	1 1/8	5 5/8	8	1 3/8	4 1/2	3 1/2	10 3/4 1 3/4	9.0
25	48		3	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 %	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 %	1 1/8	6	4 5/8	14 3/8 2 3/8	16.0
2M	48		3	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14	12	8	13 1/2	3 3/8	2 %	7 1/2	10 %	1 1/8	6	4 5/8	14 3/8 2 3/8	16.0
3	48		3	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14	12	8	13 1/2	3 3/8	2 %	7 1/2	10 %	1 1/8	6	4 5/8	14 3/8 2 3/8	16.0
4	48		3	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14	12	8	13 1/2	3 3/8	2 %	7 1/2	10 %	1 1/8	6	4 5/8	14 3/8 2 3/8	16.0
5	48		3	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 1/8	6	4 5/8	14 3/8 2 3/8	16.0

STANDARD SIGN W20-3A, B, C, D, F & G

WISCONSIN DEPT OF TRANSPORTATION

For State Traffic Engineer

DATE 1/10/2024 PLATE NO. W20-3.8

SHEET NO:

HEET NO:

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\W203.DGN

PROJECT NO:

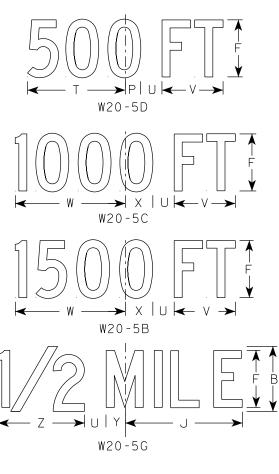
COUNTY: PLOT DATE: 10-JAN 2024 12:02

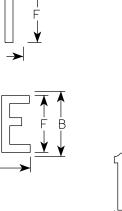
PLOT BY : dotc4c

PLOT NAME :

- 1. Sign is Type II Type F Reflective
- 2. Color:

- 3. Message Series See Note 5
- 4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
- 5. " ____ LANE" is Series B. All other copy is Series C.





→ Q ← R → ← S → ← T →
W20-5E

W20-5F

SIZE	А	В	С	D	E	F	G	Н	I	J	K	L	М	N	0	Р	Q	R	S	Т	U	٧	W	X	Y	Z	Area sq. ft.
1	36	6	2 1/4	5/8	3/4	5	7/8	2 1/2	13 1/8	10 3/4	9 1/2	14 1/4	13 5/8	12	12	1 3/8	1 1/8	4 1/2	3 1/2	9	1 1/8	5 5/8	10 1/8	2 1/2	1 3/4	8	9.0
25	48	8	3	3/4	1	7	1 1/4	3 1/4	17 1/2	14 3/8	12 5/8	19	18 3/8	16	14 1/4	1 1/8	1 1/2	6	4 5/8	12	2 5/8	7 1/2	13 1/2	3 3/8	2 3/8	10 5/8	16.0
2M	48	8	3	3/4	1	7	1 1/4	3 1/4	17 1/2	14 3/8	12 5/8	19	18 3/8	16	14 1/4	1 1/8	1 1/2	6	4 5/8	12	2 5/8	7 1/2	13 1/2	3 3/8	2 3/8	10	16.0
3	48	8	3	3/4	1	7	1 1/4	3 1/4	17 1/2	14 3/8	12 5/8	19	18 3/8	16	14 1/4	1 1/8	1 1/2	6	4 5/8	12	2 5/8	7 1/2	13 1/2	3 3/8	2 3/8	10 5/8	16.0
4	48	8	3	3/4	1	7	1 1/4	3 1/4	17 1/2	14 3/8	12 5/8	19	18 3/8	16	14 1/4	1 1/8	1 1/2	6	4 5/8	12	2 5/8	7 1/2	13 1/2	3 3/8	2 3/8	10 5/8	16.0
5	48	8	3	3/4	1	7	1 1/4	3 1/4	17 1/2	14 3/8	12 5/8	19	18 3/8	16	14 1/4	1 1/8	1 1/2	6	4 5/8	12	2 5/8	7 1/2	13 1/2	3 3/8	2 3/8	10	16.0

COUNTY:

W20-5A

HWY:

STANDARD SIGN W20-5A, B, C, D, F & G

WISCONSIN DEPT OF TRANSPORTATION

For State Traffic Engineer

DATE 3/27/24 PLATE NO. <u>W20-5.12</u>

> Ε SHEET NO:

FILE NAME: C:\CAEfiles\Projects\tr_stdplate\W205.dgn

PROJECT NO:

W20-56A

W20-55A

PLOT DATE: 27-MAR 2024 4:01

PLOT BY: mscj9h

PLOT NAME :

PLOT SCALE: \$\$.....plotscale.....\$\$ WISDOT/CADDS SHEET 42

- 1. Sign is Type II Type F Reflective
- 2. Color:

- 3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
- 4. W04-2L is the same as W04-2R except the symbolis reversed along the vertical centerline.

	D E
A	F F
Α, \\\	F I J G
	C C

W04-2R

SIZE	Α	В	С	D	E	F	G	Н	I	J	K	L	М	Ν	0	Р	Q	R	S	Т	U	V	W	X	Υ	Z	Area sq. ft.
1	36		2 1/4	5/8	3/4	12	4	45°	1	1 3/4	5	3	1 1/2														9.0
25	48		3	3/4	1	16	5 3/8	45°	1 1/4	2 3/8	6 3/4	4	2														16.0
2M	48		3	3/4	1	16	5 3/8	45°	1 1/4	2 3/8	6 3/4	4	2														16.0
3	48		3	3/4	1	16	5 3/8	45°	1 1/4	2 3/8	6 3/4	4	2														16.0
4	48		3	3/4	1	16	5 3/8	45°	1 1/4	2 3/8	6 3/4	4	2														16.0
5	48		3	3/4	1	16	5 3/8	45°	1 1/4	2 3/8	6 3/4	4	2														16.0

STANDARD SIGN W04-2

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

 $\frac{f_{or}}{f_{or}}$ State Traffic Engineer

DATE 1/25/2024 PLATE NO. WO4-2.2

SHEET NO:

FILE NAME : C:\Users\PROJECTS\tr_stdplate\W042.dgn

PROJECT NO:

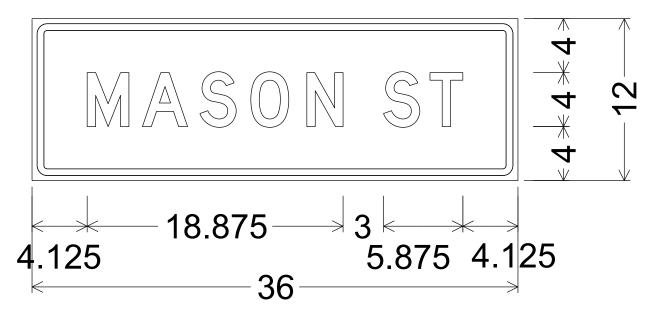
PLOT DATE: 25-JAN 2024 9:07

PLOT BY : dotc4c

WISDOT/CADDS SHEET 42

- 1. Fixed Message Sign Type II Type F Reflective
- 2. Color:

3. Message Series - D

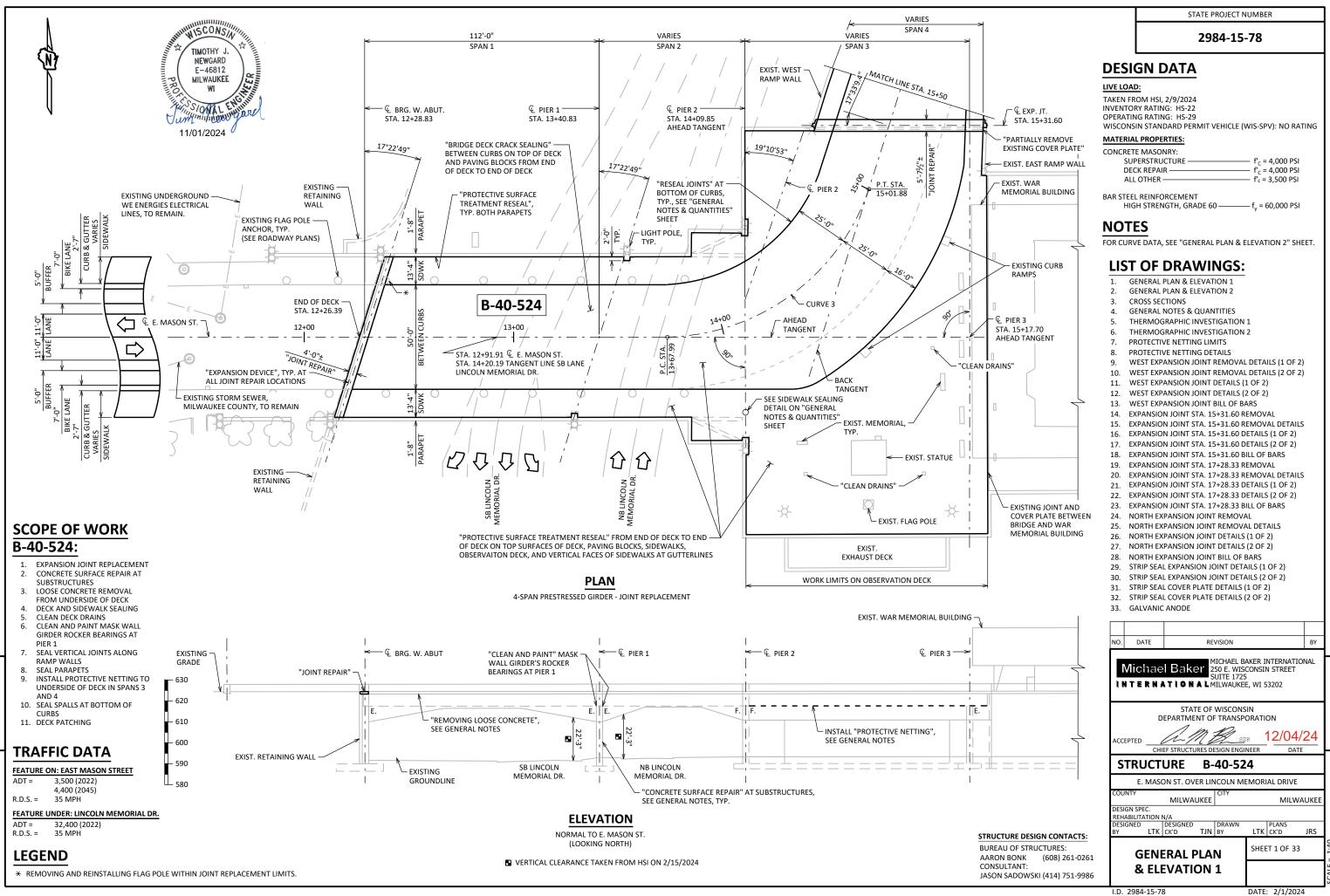


1.125" Radius, 0.500" Border, 0.375" Indent

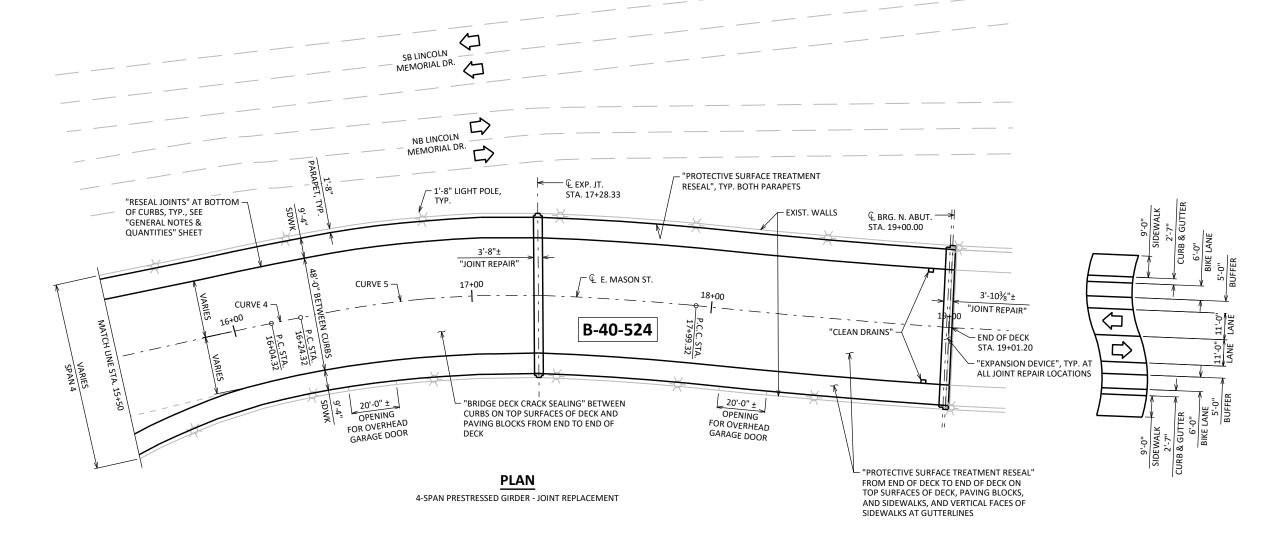
7

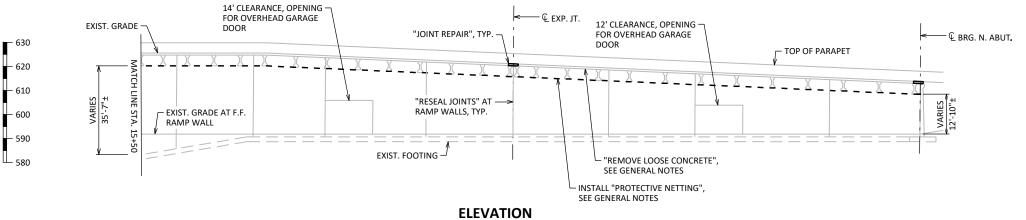
PROJECT NO: 2984-15-78 HWY: LOCAL STREET COUNTY: MILWAUKEE TEMPORARY SIGNING SHEET NO: **E**

PLOT NAME :









NORMAL TO E. MASON ST. (LOOKING WEST)

CURVE	R	L	Т	D	Δ
3	105.00'	133.89'	77.78'	54°34'03"	73°03'35" LT
4	500.00'	20.00'	10.00'	11°27'33"	02°17'31" RT
5	580.00'	175.00'	88.17'	09°52'43"	17°17'15" RT

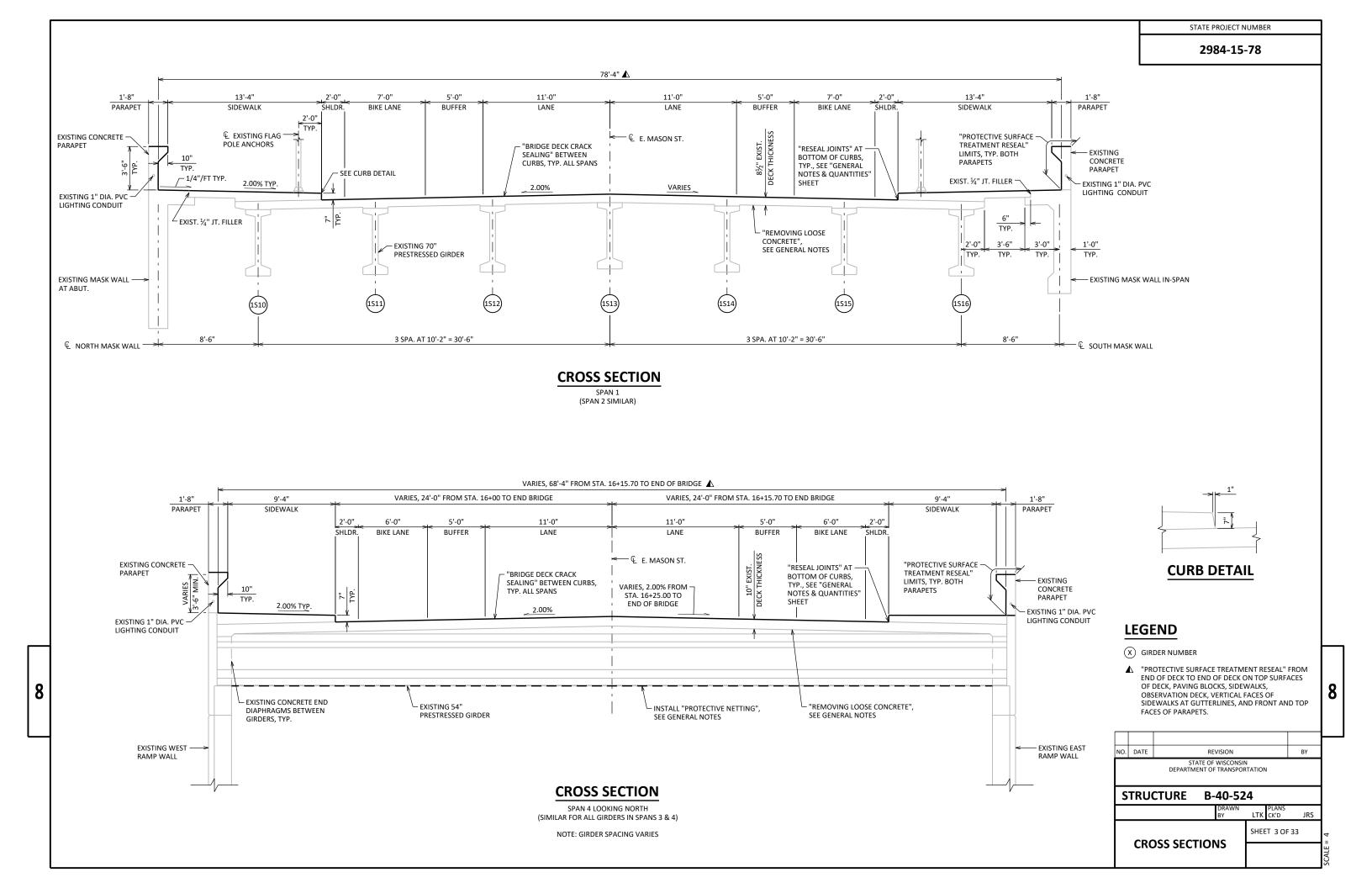
NO. DATE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

STRUCTURE B-40-524

PLANS LTK CK'D

GENERAL PLAN & ELEVATION 2

SHEET 2 OF 33



GENERAL NOTES

THE EXISTING STRUCTURE B-40-524, IS A 4-SPAN PRESTRESSED GIRDER STRUCTURE WITH AN END OF DECK TO END OF DECK LENGTH OF 674'-9 1/2" ± ALONG C/L E. MASON ST.

DRAWINGS SHALL NOT BE SCALED.

DIMENSIONS SHOWN ARE BASED ON THE ORIGINAL STRUCTURE PLANS.

ALL STATIONS AND ELEVATIONS ARE IN FEET

BEVEL ALL EXPOSED EDGES OF CONCRETE 3/4" UNLESS NOTED OTHERWISE.

THE FIRST DIGIT OF A THREE DIGIT BAR MARK AND THE FIRST TWO DIGITS OF A FOUR DIGIT BAR MARK SIGNIFY THE BAR SIZE.

ALL CONCRETE REMOVAL SHALL BE DEFINED BY THE DEPTH OF SAW CUT GIVEN IN THE STANDARD SPECIFICATIONS OR 1" DEEP UNLESS NOTED OTHERWISE.

BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2" CLEAR UNLESS SHOWN OR NOTED.

STRIP SEAL EXPANSION JOINT ASSEMBLIES, INCLUDING ANCHOR STUDS, COVER PLATES AND HARDWARE SHALL BE PAID FOR AT THE LINEAL FOOT PRICE BID

APPLY BRIDGE SEAT PROTECTION, PER SECTION 502.3.12 OF THE STANDARD SPECIFICATIONS, TO THE TOP SURFACE OF THE WEST ABUTMENT BELOW THE EXPANSION DEVICE. POWER WASH AND ADEQUATELY DRY SURFACE BEFORE APPLICATION. WORK INCIDENTAL TO BID ITEM "CONCRETE MASONRY DECK

ANY EXCAVATION NECESSARY TO COMPLETE THE JOINT REPAIRS AT THE ABUTMENTS IS TO BE CONSIDERED INCIDENTAL TO THE BID ITEM "JOINT REPAIR".

CLEAN, STRAIGHTEN, AND EXTEND EXISTING BAR STEEL REINFORCEMENT 24 BAR DIAMETERS INTO NEW CONSTRUCTION UNLESS SPECIFIED OTHERWISE.

REMOVAL OF THE EXISTING TOP PORTIONS OF THE MASKWALL GIRDERS FOR JOINT REPAIR SHALL BE PREFORMED BY HAND POWER TOOLS OR AIR HAMMERS WEIGHING LESS THAN 80 POUNDS. HEAVIER EQUIPMENT INCLUDING BACKHOE MOUNTED HAMMERS ARE NOT PERMITTED. PERFORM REMOVAL IN SUCH A MANNER SO AS TO NOT DAMAGE THE GIRDERS

REPAIR DELAMINATIONS AND SPALLS IN SIDEWALK PER "CONCRETE MASONRY SURFACE REPAIR."

PERFORM "CONCRETE SURFACE REPAIR" AND "EPOXY CRACK SEALING" AT THE SUBSTRUCTURE UNITS AND RAMP WALLS AS DIRECTED BY THE FIELD ENGINEER. ONLY SEAL EXTERIOR FACES OF RAMP WALLS. QUANTITIES SHOWN ON THE PLANS ARE APPROXIMATE.

CLEAN AND FILL CRACKS IN EXISTING CONCRETE DECK WITH PENETRATING EPOXY AS DIRECTED BY THE FIELD ENGINEER.

PERFORM "BRIDGE DECK CRACK SEALING" AT THE TOP SURFACES OF THE DECK AND PAVING BLOCKS AS DIRECTED BY THE FIELD ENGINEER. QUANTITY SHOWN ON THE PLANS ARE APPROXIMATE.

"PROTECTIVE SURFACE TREATMENT RESEAL" SHALL BE APPLIED TO THE TOP SURFACES OF DECK, PAVING BLOCKS, SIDEWALKS, OBSERVATION DECK, AND VERTICAL FACES OF SIDEWALKS AT GUTTERLINES FROM END OF DECK TO END OF DECK. SURFACE PREPARATION IS INCLUDED IN THE BID ITEM "PROTECTIVE

"PROTECTIVE SURFACE TREATMENT RESEAL" SHALL BE APPLIED TO THE TOP AND ROADWAY FACES OF THE EXISTING PARAPETS ON THE BRIDGE TO MAINTAIN THE EXISTING COLOR OF THE PARAPETS. SURFACE PREPARATION IS INCLUDED IN THE BID ITEM "PROTECTIVE SURFACE TREATMENT RESEAL".

PREPARATION DECKS TYPE I, PREPARATION DECKS TYPE 2, AND FULL DEPTH DECK REPAIR AREAS INCLUDE DECK AND SIDEWALK AREAS AND SHALL BE DETERMINED BY THE ENGINEER, DECK PREPARATION REPAIRS SHALL BE FILLED WITH "CONCRETE MASONRY DECK REPAIR".

REMOVE LOOSE AND DELAMINATED CONCRETE FROM UNDERSIDE OF DECK AS DIRECTED BY THE FIELD ENGINEER. QUANTITIES SHOWN ON THE PLANS ARE

"CLEAN AND PAINT" MASK WALL GIRDER'S ROCKER BEARINGS AT PIER 1. THE COLOR OF THE FINISH TOP COAT SHALL BE AMS STANDARD COLOR NO. 26293

INSTALL "PROTECTIVE NETTING" IN SPANS 3 AND 4 PARKING GARAGE. LIMITS AND DETAILS INCLUDED ON SHEETS 7 & 8 OF 33.

CARE SHALL BE TAKEN TO AVOID DAMAGE TO THE EXISTING GIRDERS, INCLUDING SHEAR STIRRUPS. SAWCUTTING OF THE EXISTING SHEAR STIRRUPS IS NOT

ANY GRATES DAMAGED BY CONSTRUCTION OPERATIONS SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE

FILL SPALLS AT THE BOTTOM OF CURBS AS DIRECTED BY THE FIELD ENGINEER. COST OF FILLING SPALLS TO BE INCLUDED IN BID ITEM "RESEAL JOINTS"

CONTRACTOR TO REMOVE FORMWORK AT EXISTING JOINTS. FORMWORK WAS PLACED TO CATCH FALLING CONCRETE. COST INCIDENTAL TO BID ITEM "JOINT

DAMAGE TO THE EXISTING CONDUIT OR ELECTRICAL WIRING IN THE PARAPETS SHALL BE REPAIRS OR REPLACED AT THE CONTRACTOR'S EXPENSE.

MULTIPLE UTILITIES ARE PRESENT BENEATH THE BRIDGE DECK, WITHIN THE WAR MEMORIAL CENTER PARKING GARAGE. THESE INCLUDE LIGHTING, ELECTRICAL CONDUIT, AND HVAC. VERIFY LOCATIONS OF UTILITIES AND ENSURE THEY ARE NOT DAMAGED WITH JOINT REPLACEMENT AND DECK

EXERCISE CAUTION WORKING IN THE VICINITY OF EXISTING FLAGPOLES, STATUES, MEMORIALS, AND BUILDINGS. PROTECT THEM FROM DAMAGE AND OVERSPRAY FROM DECK SEALING OPERATIONS

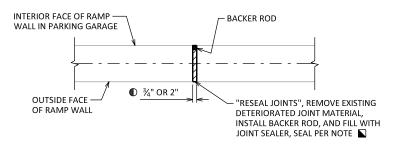
EXISTING COMPRESSION JOINT SEALER PREFORMED ELASTOMERIC TO REMAIN AT WEST JOINT PARAPETS. PROVIDE COMPRESSION JOINT SEALER PREFORMED ELASTOMERIC 2-1/4" AND/OR 2-1/2" IN PARAPETS AT STA. 15+31.60, STA. 17+28.33, AND NORTH JOINTS. SEE "STRIP SEAL EXPANSION JOINT DETAILS (2 OF 2)"

TOTAL ESTIMATED QUANTITIES

ITEM NUMBER	ITEM DESCRIPTION	UNIT	W. ABUT.	N. ABUT.	PIER 1	PIER 2	PIER 3	W. RAMP WALL	E. RAMP WALL	SUPER.	TOTAL
203.0330.01	DEBRIS CONTAINMENT B-40-524	EACH								1	1
502.0180.S	BRIDGE DECK CRACK SEALING	LF								1,200	1,200
502.2000.01	COMPRESSION JOINT SEALER PREFORMED ELASTOMERIC (2-1/4 INCH)	LF			-					10	10
502.2000.02	COMPRESSION JOINT SEALER PREFORMED ELASTOMERIC (2-1/2 INCH)	LF			-					10	10
502.3101	EXPANSION DEVICE	LF			-					304	304
502.3215	PROTECTIVE SURFACE TREATMENT RESEAL	SY								7,994	7,994
502.4205	ADHESIVE ANCHORS NO. 5 BAR	EACH								210	210
505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	LB								6,220	6,220
509.0301	PREPARATION DECKS TYPE 1	SY								61	61
509.0302	PREPARATION DECKS TYPE 2	SY								25	25
509.0310.S	SAWING PAVEMENT DECK PREPARATION AREAS	LF								610	610
509.1000	JOINT REPAIR	SY								148	148
509.1500	CONCRETE SURFACE REPAIR	SF			10			50	50		110
509.2000	FULL-DEPTH DECK REPAIR	SY								5	5
509.2100.S	CONCRETE MASONRY DECK REPAIR	CY								52	52
SPV.0060.01	REMOVING AND REINSTALLING FLAG POLE	EACH								1	1
SPV.0060.02	CLEANING AND PAINTING BEARINGS	EACH								4	4
SPV.0060.03	CLEAN DRAIN SYSTEMS	EACH								5	5
SPV.0060.04	PARTIALLY REMOVE EXISTING COVER PLATE	EACH								1	1
SPV.0060.05	EMBEDDED GALVANIC ANODES	EACH								305	305
SPV.0090.01	RESEAL JOINTS	LF						77	77	84	238
SPV.0165.02	REMOVING LOOSE CONCRETE	SF								720	720
SPV.0165.03	PROTECTIVE NETTING	SF								23,840	23,840
	NON-BID ITEMS										
	BRIDGE SEAT PROTECTION										
	PREFORMED JOINT FILLER	SIZE									1/4" & 1/2"

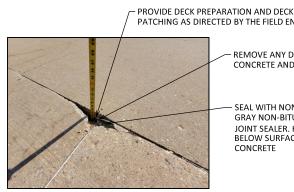
NOTES

CONCRETE SURFACE REPAIR, BRIDGE DECK CRACK SEALING, DECK PREPARATION, AND REMOVING LOOSE CONCRETE QUANTITIES ARE APPROXIMATE AND WILL BE VERIFIED IN THE FIELD BY THE ENGINEER. ALL JOINT REPAIR QUANTITIES ARE SHOWN UNDER THE SUPER. CATEGORY



RESEAL RAMP WALL VERTICAL JOINT DETAIL

- EXISTING JOINTS ARE ¾" AND 2". PROVIDE SEALER IN EACH JOINT MATCHING THE EXISTING JOINT WIDTH
- SEAL ALL EXPOSED VERTICAL SURFACES WITH NON-STAINING GRAY NON-BITUMINOUS JOINT SEALER. HOLD 1/8" BELOW

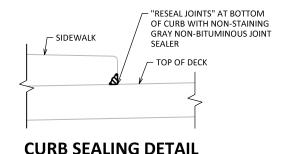


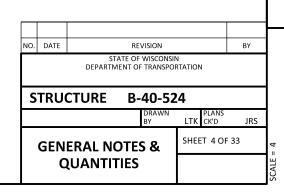
REMOVE ANY DETERIORATED CONCRETE AND SEALANT

> SEAL WITH NON-STAINING **GRAY NON-BITUMINOUS** JOINT SEALER. HOLD 1/2" BELOW SURFACE OF CONCRETE

SIDEWALK SEALING DETAIL

AT PIER 2 SOUTH SIDEWALK (COST TO BE INCLUDED WITH BID ITEM "RESEAL JOINTS" AND DECK PATCHING)

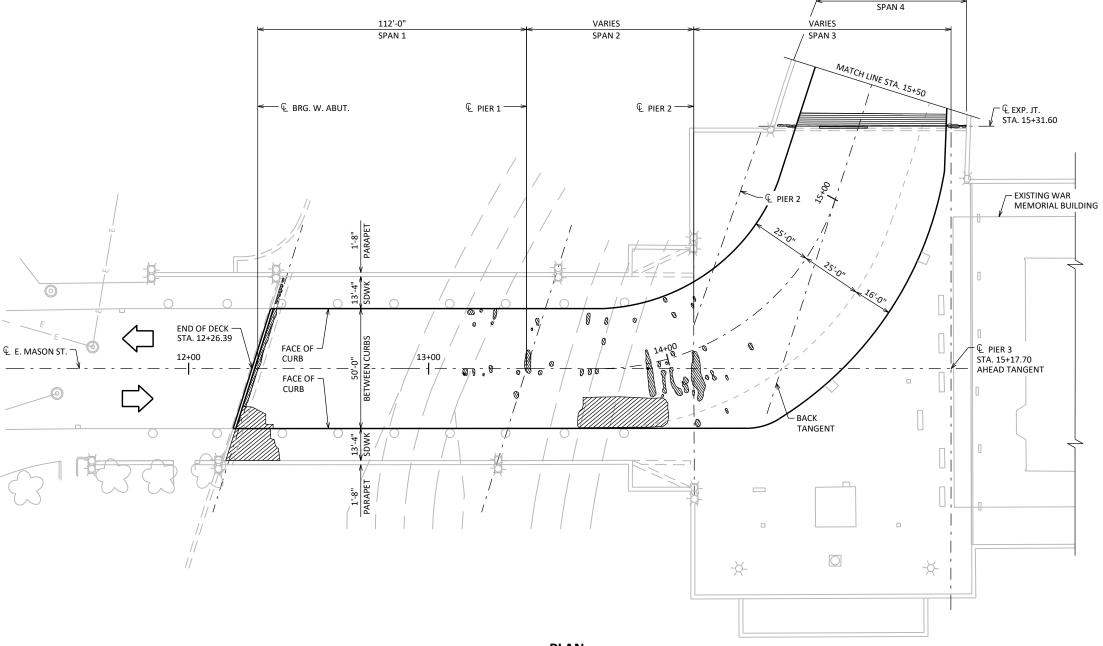




VARIES

2984-15-78





PLAN INFRARED THERMOGRAPHIC SURVEY RESULTS

STRUCTURE NO. B-40-524

FIELD OBSERVATION SUMMARY		ROAL	WAY	SIDE	WALKS	LEGEND	
ITEM	UNIT	QUANT.	%	QUANT.	%	DELAMINATION	
TOTAL AREA	ft²	35,909		25,153			
SHADE/DEBRIS	ft²	509		987		SPALL	
DELAMINATION	ft²	406	1.1	0	0	DEBOND	
SPALL	ft²	2	< 0.1	1	< 0.1	ASPHALT PATCH	
DEBOND	ft²	N/A	N/A	N/A	N/A	PCC PATCH	
ASPHALT PATCH	ft²	0	0	8	< 0.1		
PCC PATCH	ft²	594	1.7	5	< 0.1	SHADE/DEBRIS	

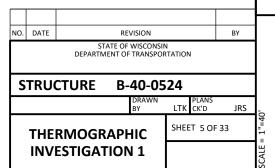
NOTES

SURFACE TYPE: CONCRETE - NO OVERLAY

INFRARED THERMOGRAPHIC DECK INSPECTION RESULTS REPORTED BY AECOM. INFRARED INSPECTION DATE: 7/19/23

THIS SHEET IS FOR INFORMATION ONLY.

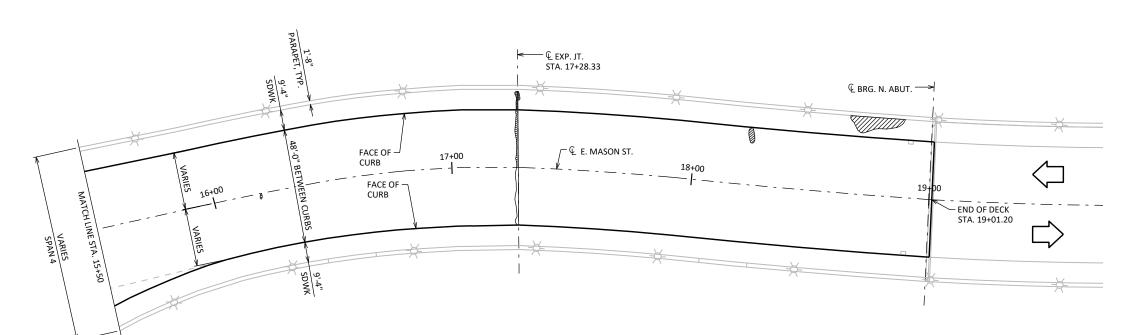
DECK PREPARATION QUANTITIES ARE ESTIMATED BASED ON INFRARED DATA. FIELD QUANTITIES WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.



8

STATE PROJECT NUMBER

2984-15-78



PLAN INFRARED THERMOGRAPHIC SURVEY RESULTS

LEGEND

DELAMINATION

ASPHALT PATCH PCC PATCH

SHADE/DEBRIS

SPALL

DEBOND

NOTES

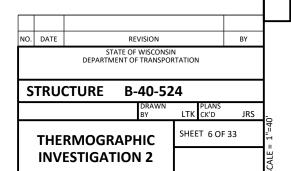
SURFACE TYPE: CONCRETE - NO OVERLAY

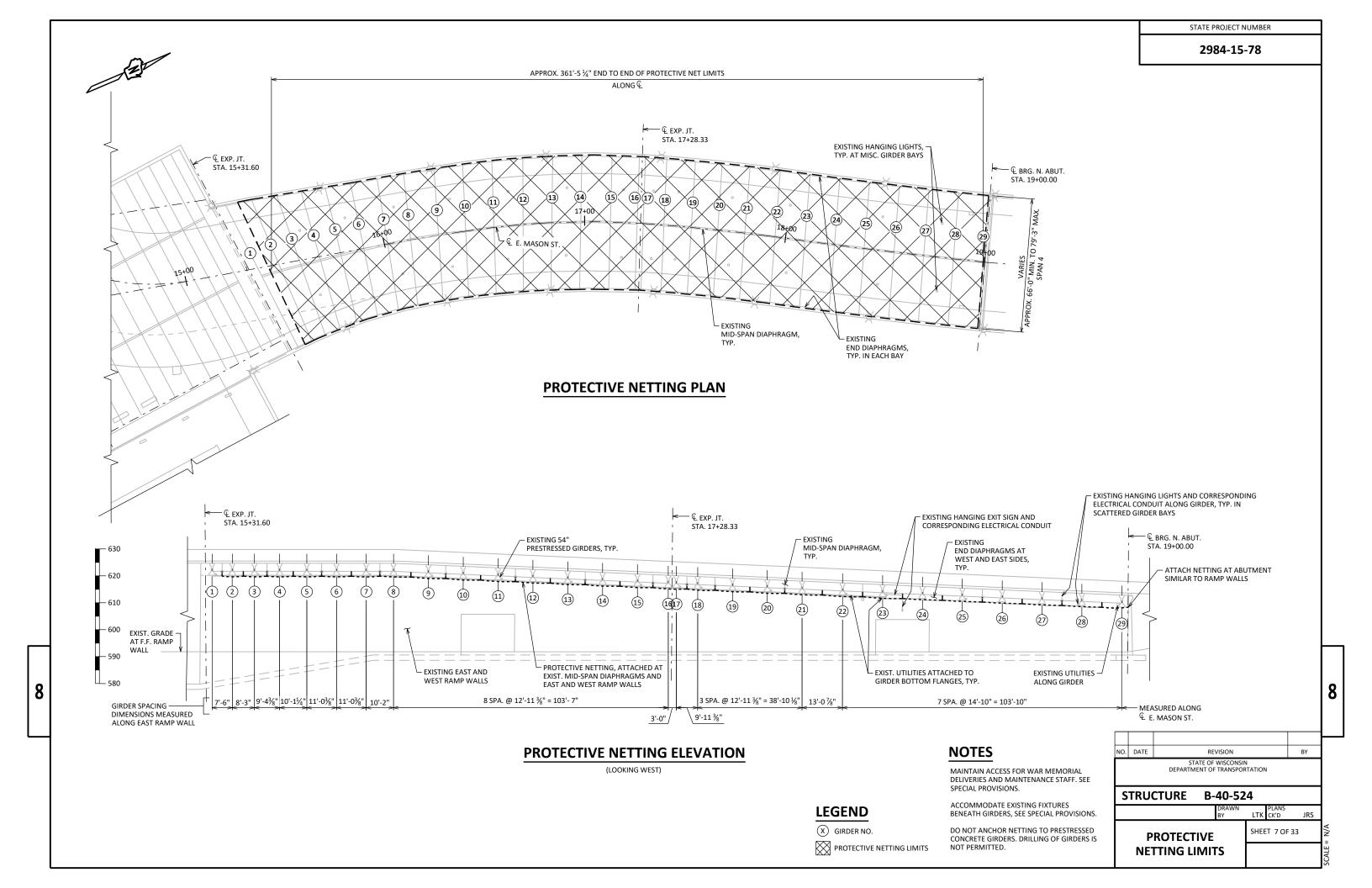
INFRARED THERMOGRAPHIC DECK INSPECTION RESULTS REPORTED BY AECOM. INFRARED INSPECTION DATE: 7/19/23

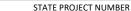
THIS SHEET IS FOR INFORMATION ONLY.

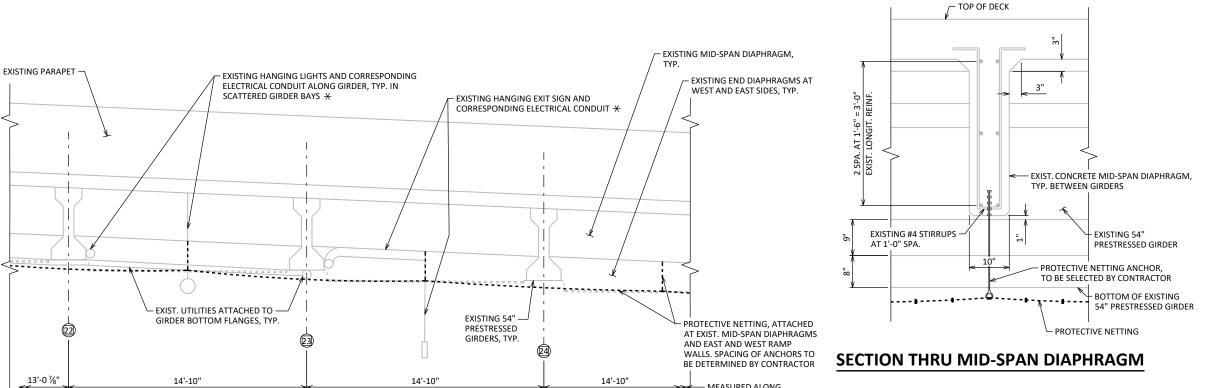
DECK PREPARATION QUANTITIES ARE ESTIMATED BASED ON INFRARED DATA. FIELD QUANTITIES WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.

FOR DECK INSPECTION RESULTS, SEE "THERMOGRAPHIC INVESTIGATION 1" SHEET.





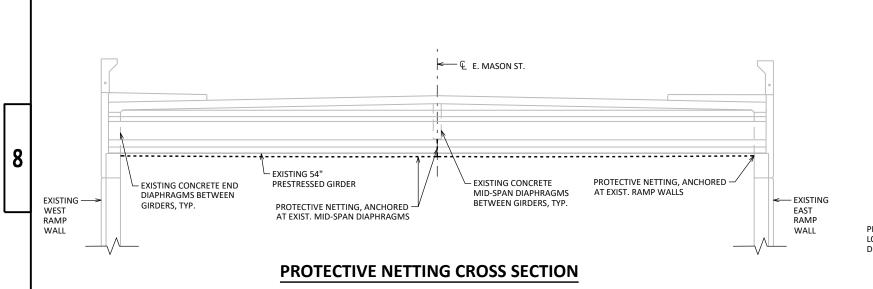


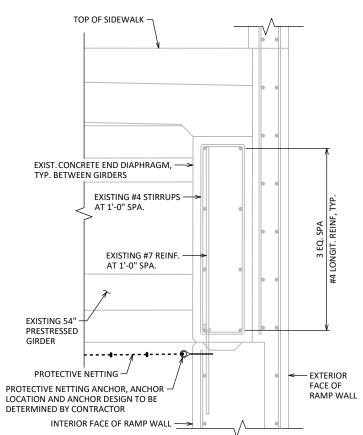


- MEASURED ALONG © E. MASON ST.

PROTECTIVE NETTING ELEVATION

(LOOKING WEST)
OTHER BAYS SIMILAR





SECTION THRU END DIAPHRAGM AND RAMP WALL



SPAN 4 CONDITIONS

(AT NORTH ABUTMENT, LOOKING SOUTH)

NOTES

MAINTAIN ACCESS FOR WAR MEMORIAL DELIVERIES AND MAINTENANCE STAFF. SEE SPECIAL PROVISIONS.

DEBRIS NETTING TO BE INSTALLED USING MANUFACTURER APPROVED CONNECTIONS AND DETAILS.

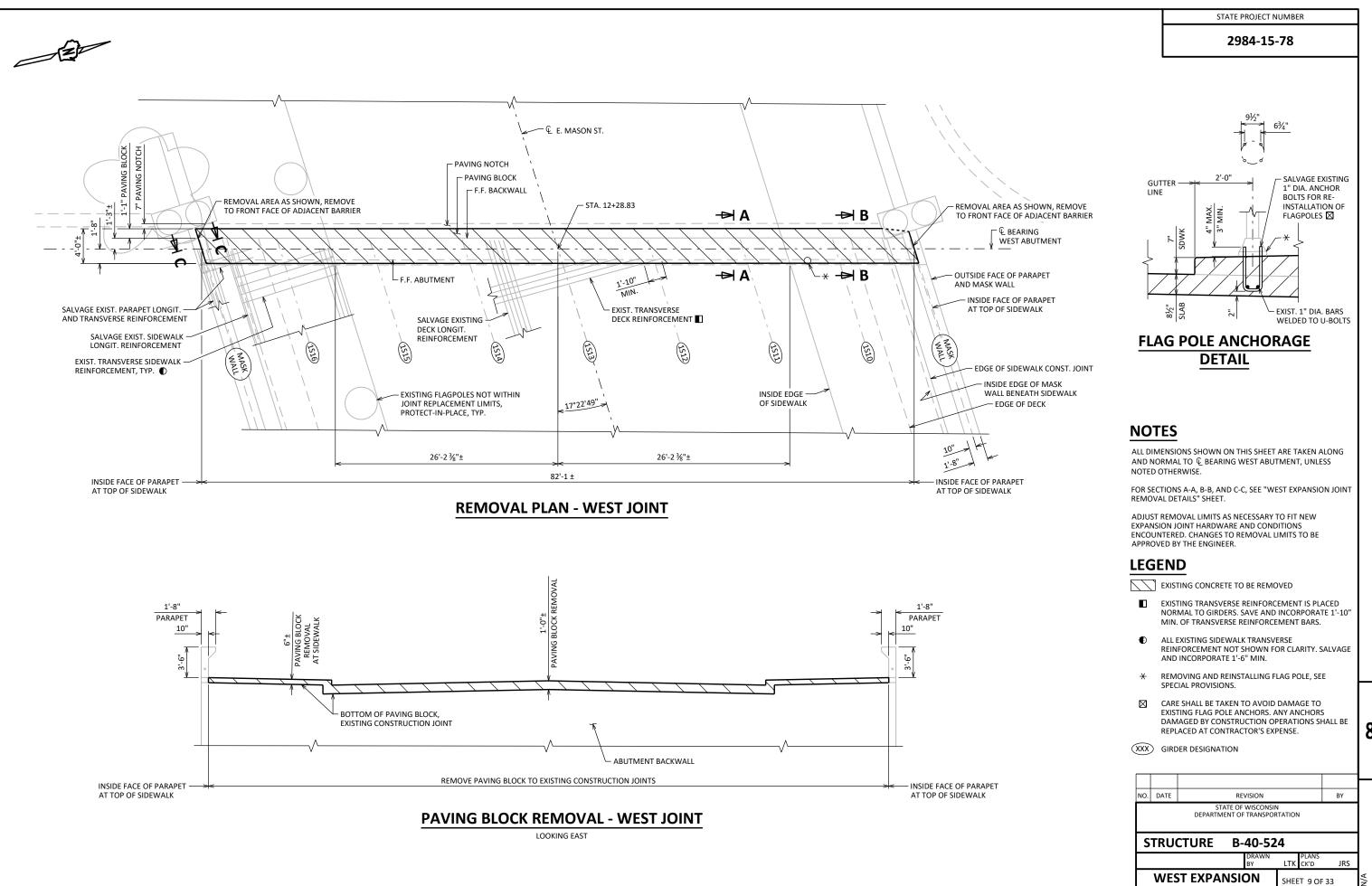
CONTRACTOR MUST INSTALL DEBRIS NETTING IN STRICT ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS AND PROCEDURES.

LEGEND

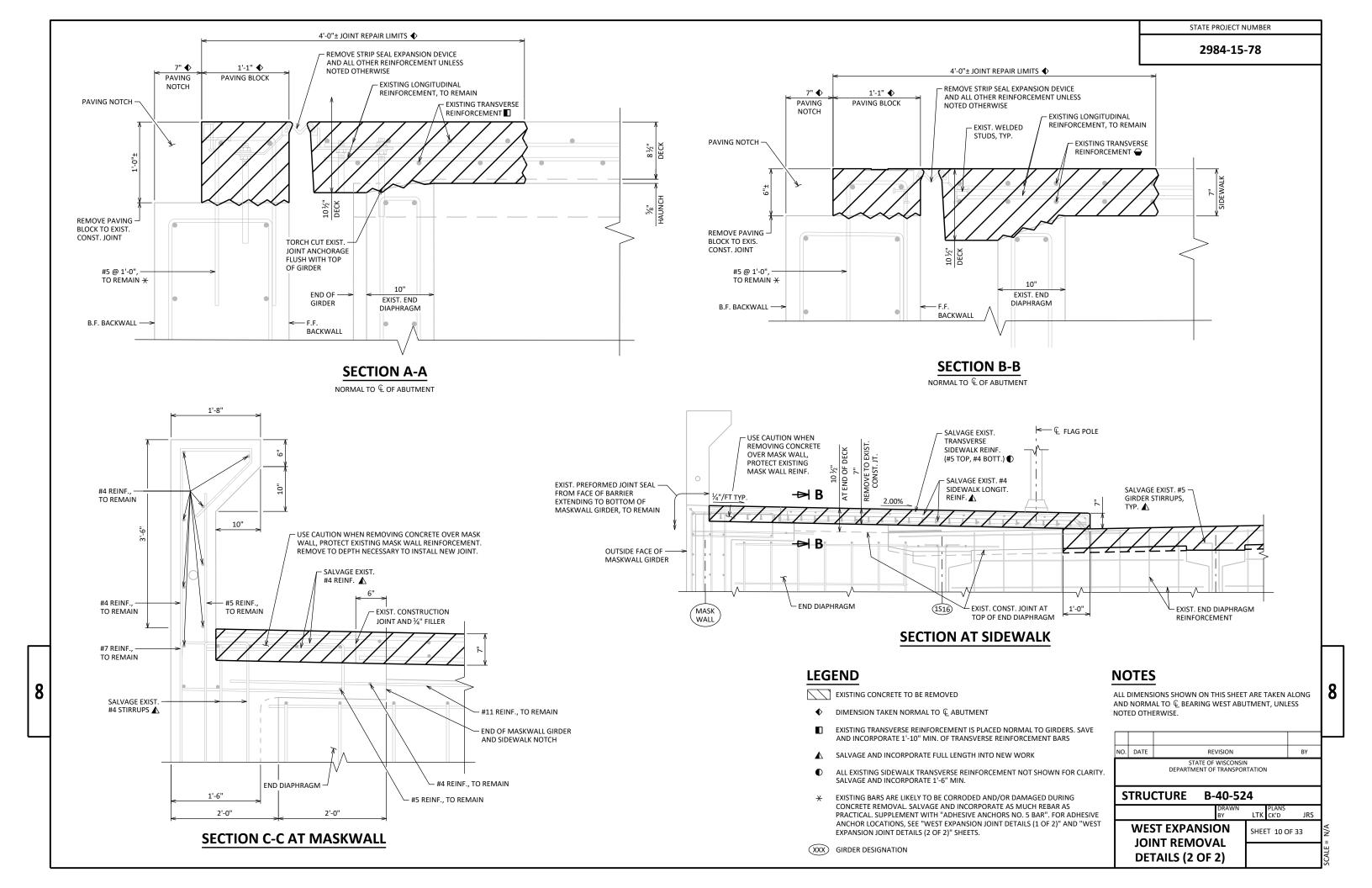
X GIRDER NO.

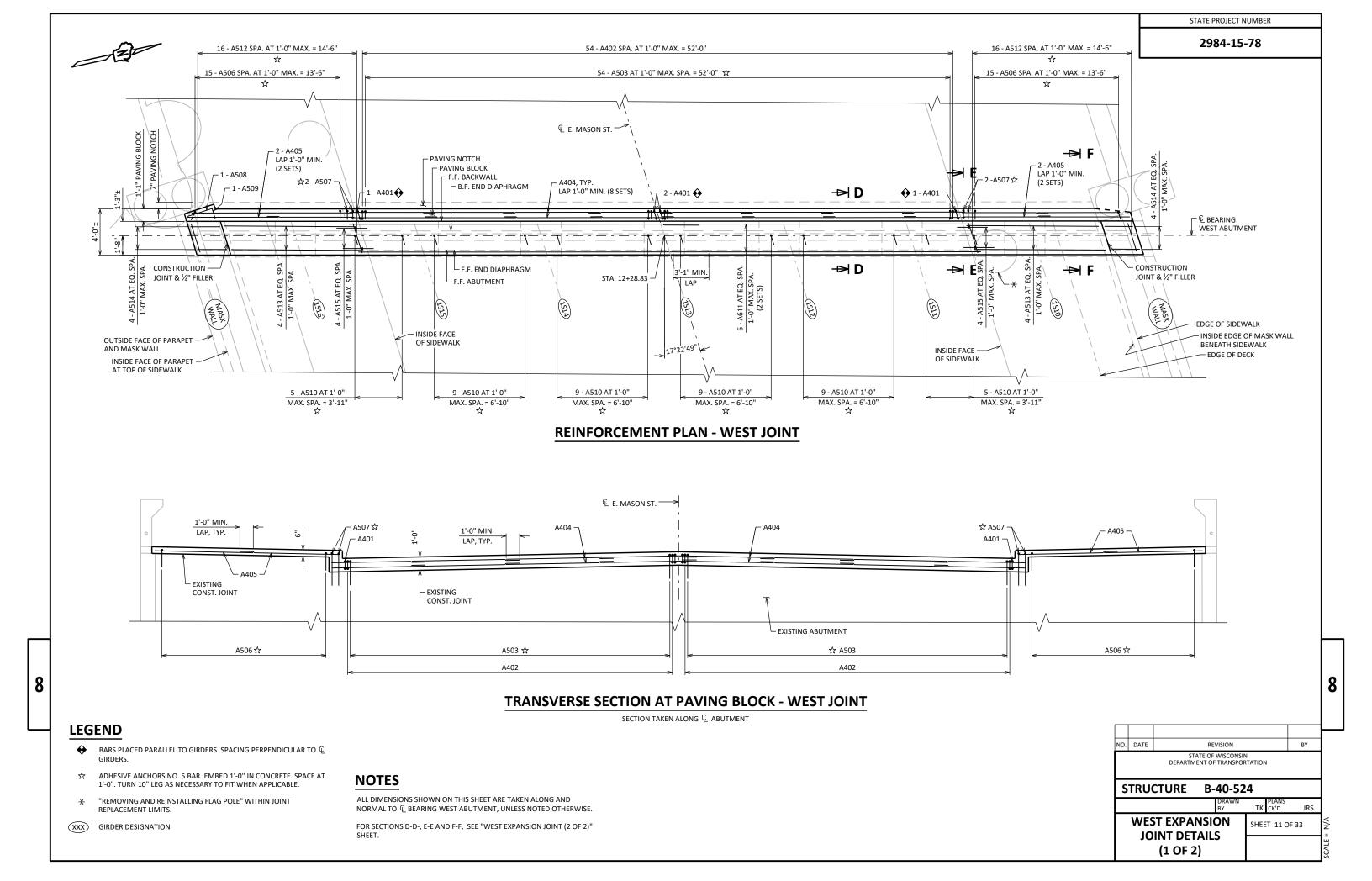
 $\mbox{\ensuremath{\mbox{\scalebel{thm:eq}}{\star}}}$ ACCOMMODATE EXISTING FIXTURES BENEATH GIRDERS, SEE SPECIAL PROVISIONS

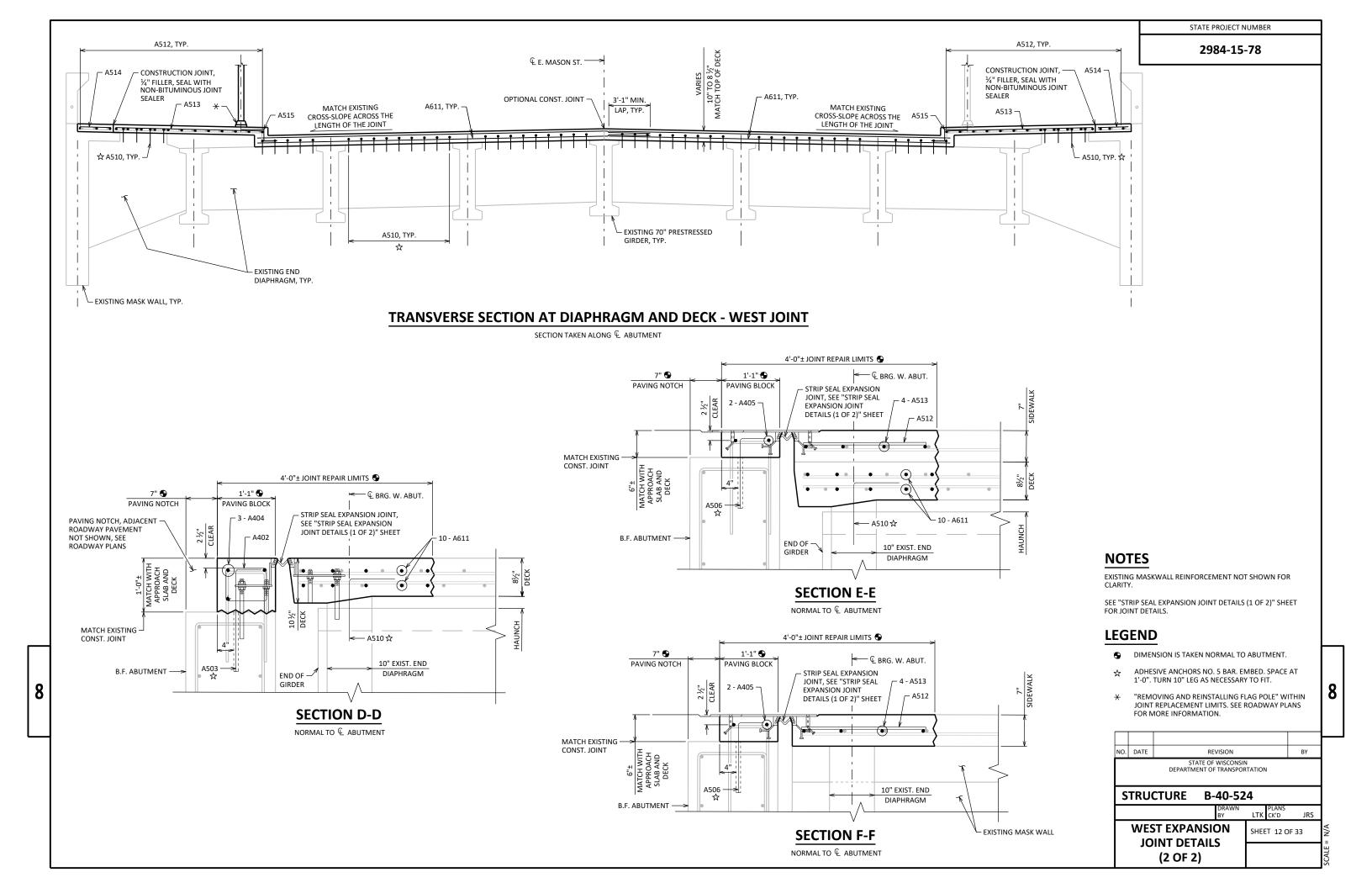




JOINT REMOVAL DETAILS (1 OF 2)

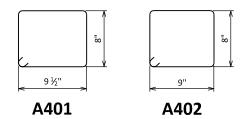


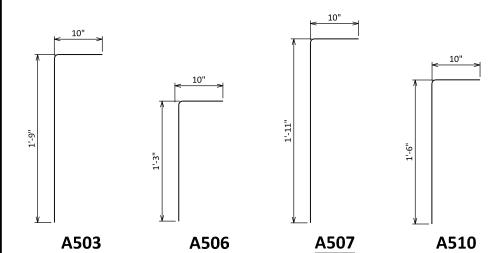


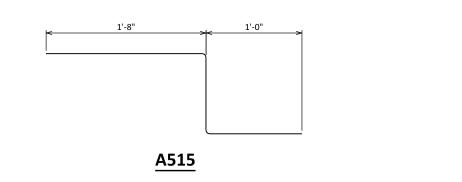


BILL OF BARS: WEST EXPANSION JOINT

	BAR MARK	NO. REQ'D.	LENGTH	COAT	STAINLESS STEEL	BENT	BAR	SERIES	LOCATION
	A401	4	3'-5"	Χ		Χ			PAVING BLOCK - SKEWED HOOPS
	A402	54	3'-4"	Χ		Χ			PAVING BLOCK - PERPENDICULAR HOOPS
☆	A503	54	2'-6"	Χ		Χ			PAVING BLOCK - PERPENDICULAR L BARS
	A404	24	7'-9"	Χ					PAVING BLOCK - TRANSVERSE
	A405	8	7'-9"	Χ					PAVING BLOCK - SIDEWALK, TRANSVERSE
☆	A506	30	2'-0"	Χ		Χ			PAVING BLOCK - SIDEWALK, L BARS
☆	A507	4	2'-8"	Χ		Χ			PAVING BLOCK - SIDEWALK, L BARS
	A508	1	2'-4"	Χ					PAVING BLOCK - SIDEWALK, SOUTH CORNER
	A509	1	1'-0"	Χ					PAVING BLOCK - SIDEWALK, SOUTH CORNER
☆	A510	46	2'-3"	Χ		Χ			DECK - DIAPHRAGM L BARS
	A611	20	30'-3"	Χ					DECK - TRANSVERSE
	A512	32	2'-6"	Χ					SIDEWALK - LONGITUDINAL
	A513	8	11'-6"	Χ					SIDEWALK - TRANSVERSE
	A514	8	2'-5"	Χ					SIDEWALK - TRANSVERSE
	A515	8	3'-4"	Χ		Χ			SIDEWALK - CURB



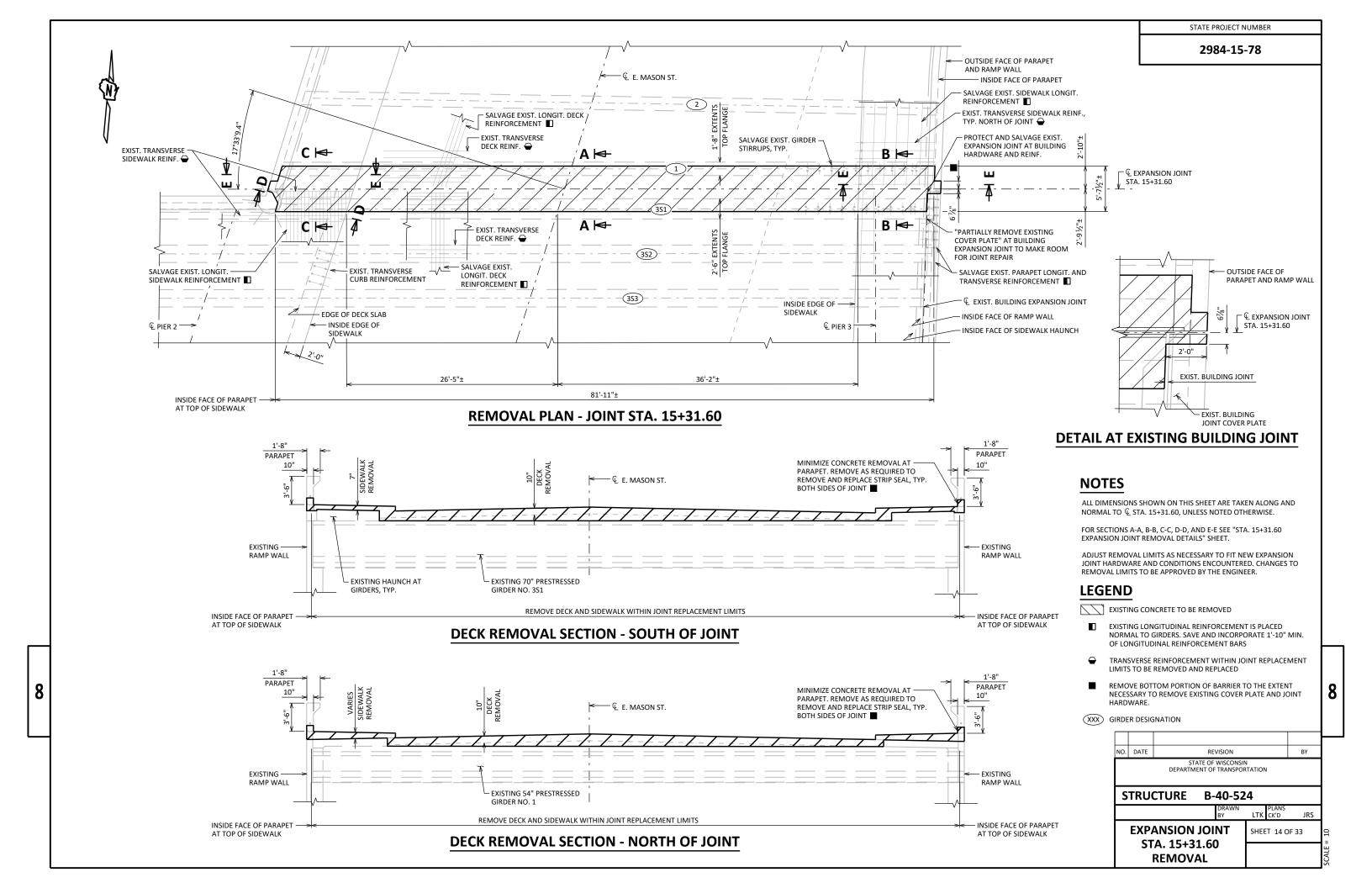


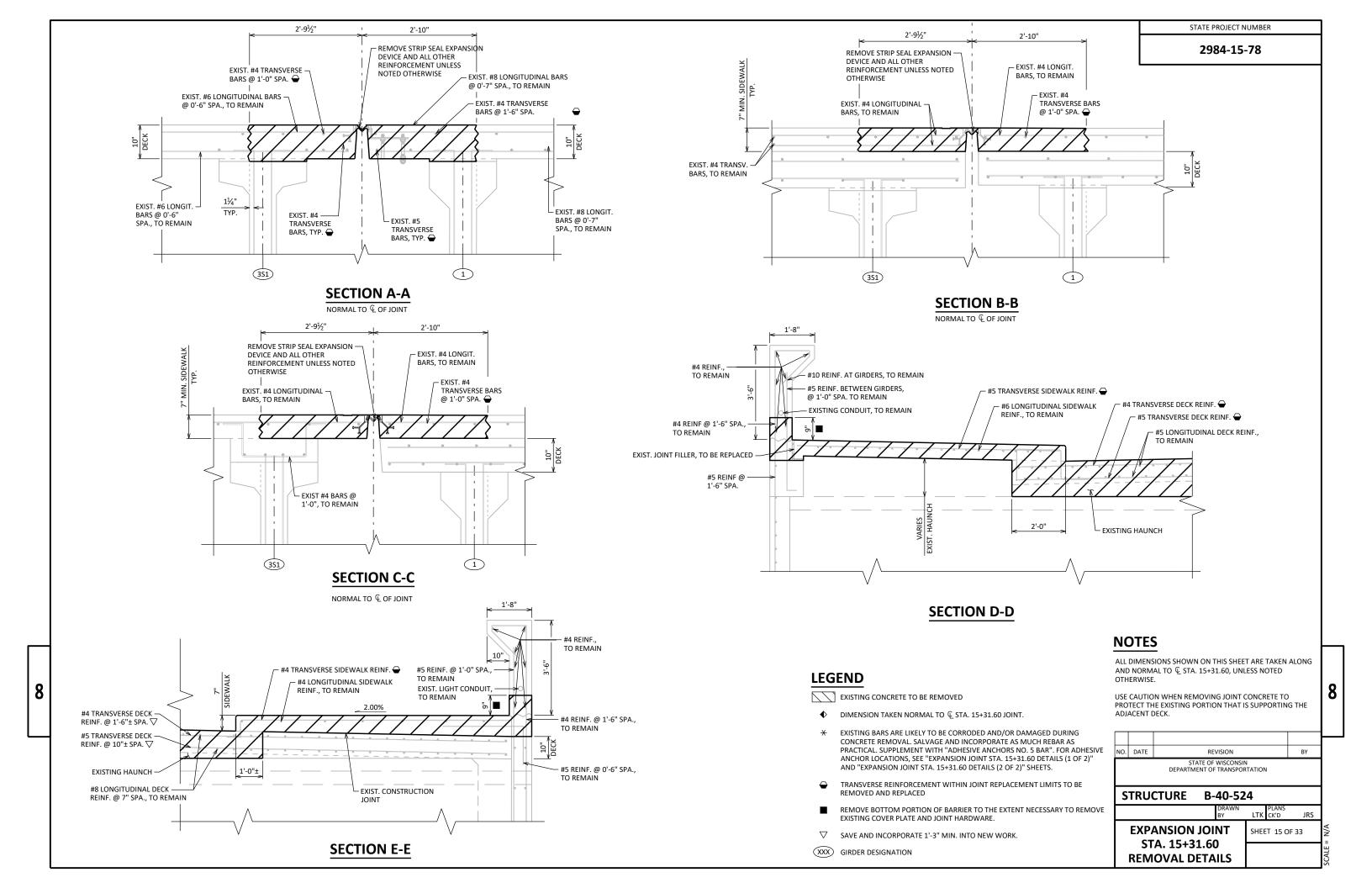


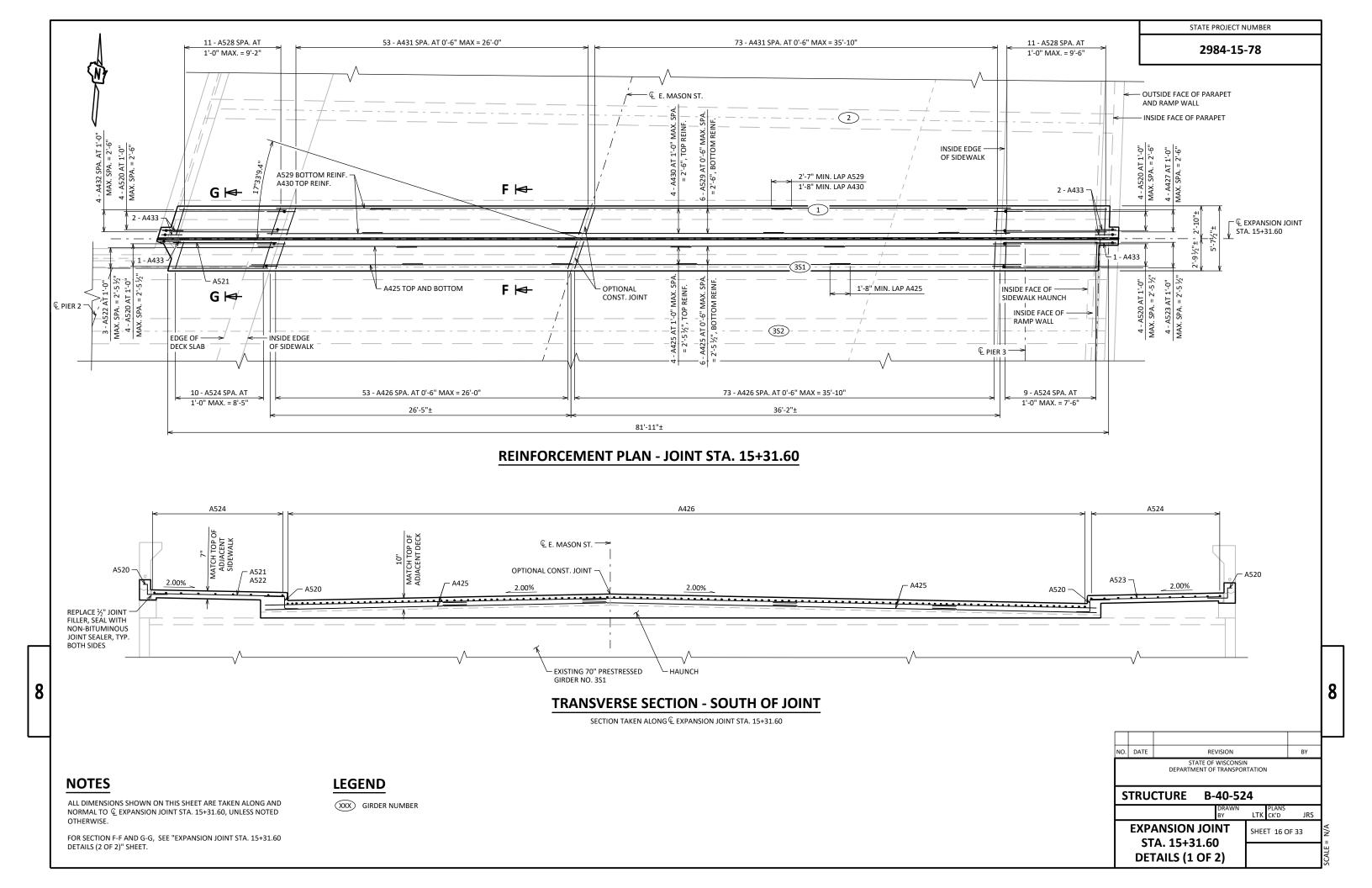
LEGEND

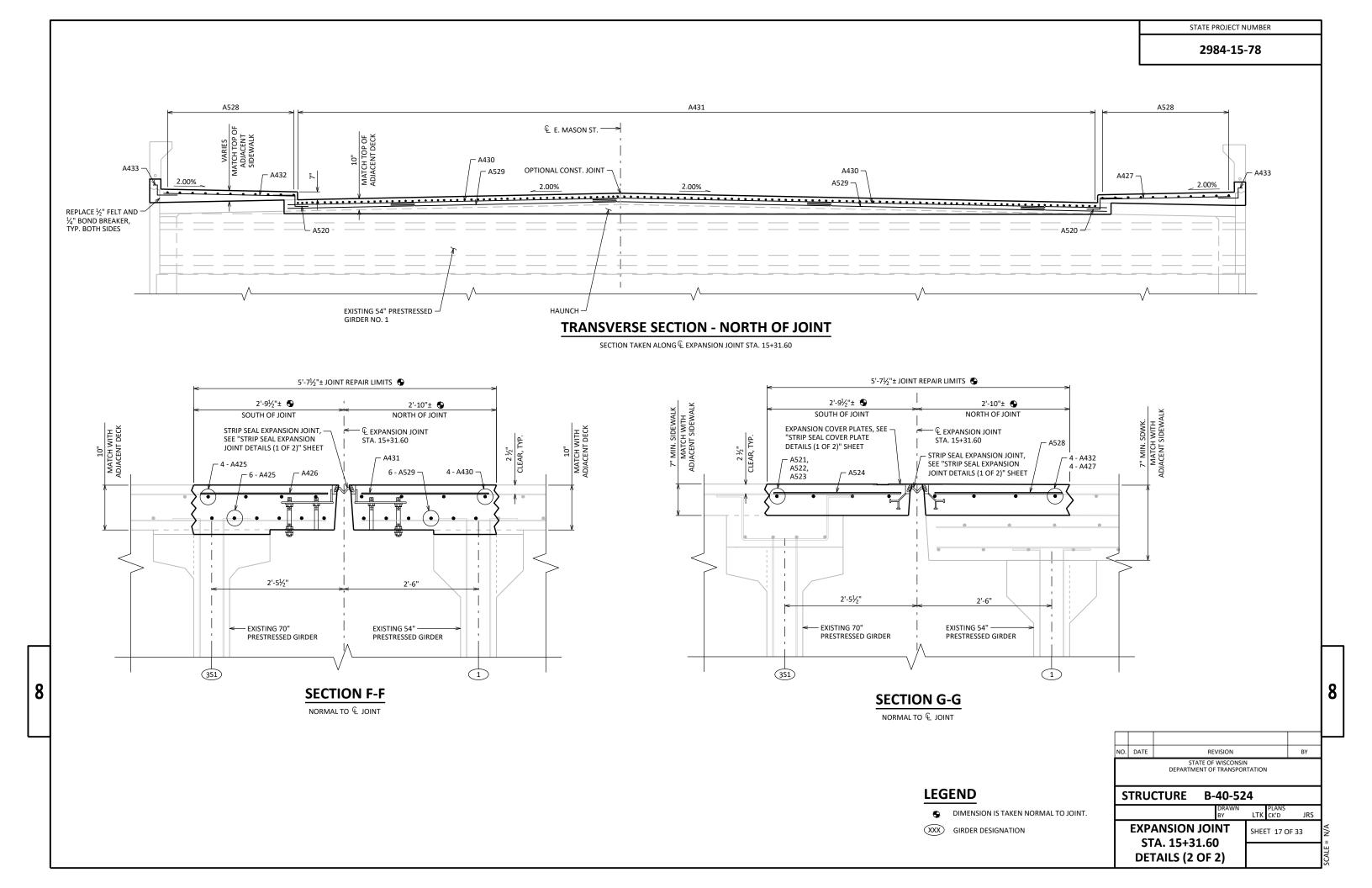
☆ ADHESIVE ANCHORS NO. 5 BAR. EMBED. SPACE AT 1'-0". TURN 10" LEG AS NECESSARY TO FIT.

						Ł
NO.	DATE	RI	EVISION		ВУ	Г
		STATE OF DEPARTMENT O	F WISCONSII OF TRANSPO			1
S	TRU	CTURE B	-40-52	24		
			DRAWN BY	PLANS LTK CK'D	JRS]
	WES	ST EXPANSI	ON	SHEET 13 O	F 33	\ N
	IOIN	T BILL OF B	ARS			֓֓֞֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֡֓֡֓֡֓֓֡֓֡֡֡֡֡֡֡֡֡֡







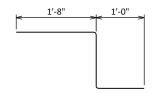


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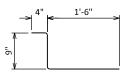
2984-15-78

BILL OF BARS - EXPANSION JOINT STA. 15+31.60

BAR MARK	NO. REQ'D.	LENGTH	COAT	STAINLESS STEEL	BENT	BAR	SERIES	LOCATION	
A520	16	3'-4"	Х		Χ			NORTH & SOUTH DECK - CURB	
A521	1	9'-2"	Х					SOUTH DECK - WEST SIDEWALK, TRANSVERSE	
A522	3	8'-5"	Х					SOUTH DECK - WEST SIDEWALK, TRANSVERSE	
A523	4	7'-6"	Х					SOUTH DECK - EAST SIDEWALK, TRANSVERSE	
A524	19	2'-6"	Χ					SOUTH DECK - SIDEWALK, LONGITUDINAL	
A425	50	14'-6"	Χ					SOUTH DECK - TRANSVERSE	
A426	126	2'-6"	Χ					SOUTH DECK - LONGITUDINAL	
A427	4	9'-6"	Χ					NORTH DECK - SIDEWALK, TRANSVERSE (EAST)	
A528	22	2'-6"	Χ					NORTH DECK - SIDEWALK, LONGITUDINAL	
A529	30	15'-3"	Χ					NORTH DECK - TRANSVERSE, BOTTOM	
A430	20	14'-6"	Χ					NORTH DECK - TRANSVERSE, TOP	
A431	126	2'-6"	Χ					NORTH DECK - LONGITUDINAL	
A432	4	9'-2"	Χ					NORTH DECK - SIDEWALK, TRANSVERSE (WEST)	
A433	6	2'-5"	Х		Χ		T	PARAPET	



A520



<u>A433</u>

8

NO. DATE REVISION BY

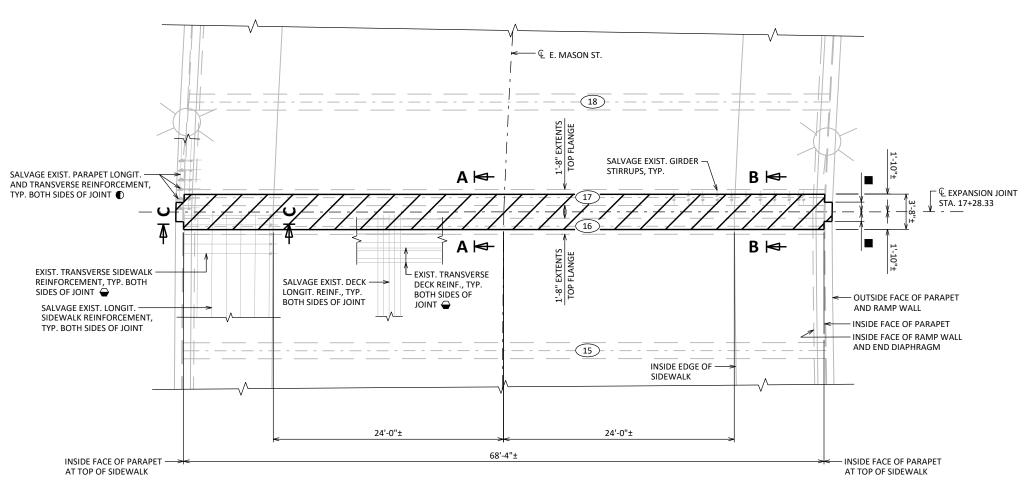
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

STRUCTURE B-40-524

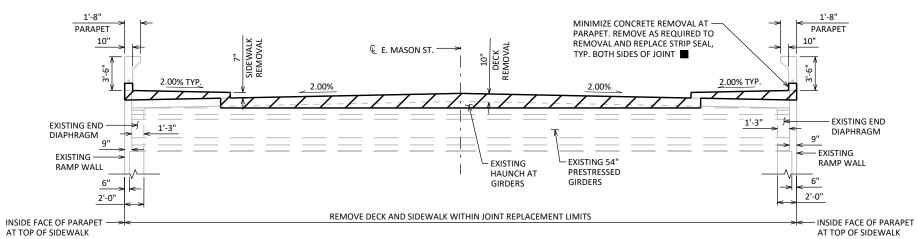
DRAWN LTK CK'D JRS

STA. 15+31.60
EXPANSION JOINT
BILL OF BARS





REMOVAL PLAN - JOINT STA. 17+28.33



DECK REMOVAL SECTION

NOTES

ALL DIMENSIONS SHOWN ON THIS SHEET ARE TAKEN ALONG AND NORMAL TO **Q** STA. 17+28.33 JOINT OTHERWISE.

FOR SECTIONS A-A, B-B, AND C-C, SEE "EXPANSION JOINT STA. 17+28.33 REMOVAL DETAILS" SHEET.

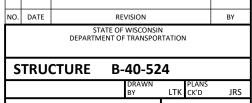
ADJUST REMOVAL LIMITS AS NECESSARY TO FIT NEW **EXPANSION JOINT HARDWARE AND CONDITIONS** ENCOUNTERED. CHANGES TO REMOVAL LIMITS TO BE

LEGEND

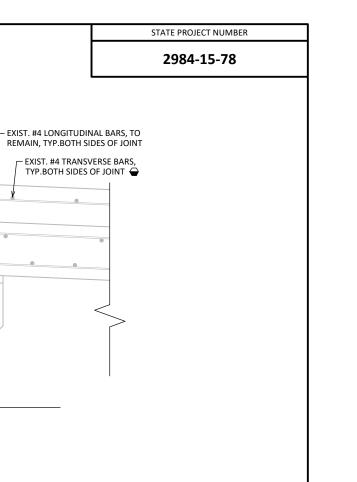
EXISTING CONCRETE TO BE REMOVED

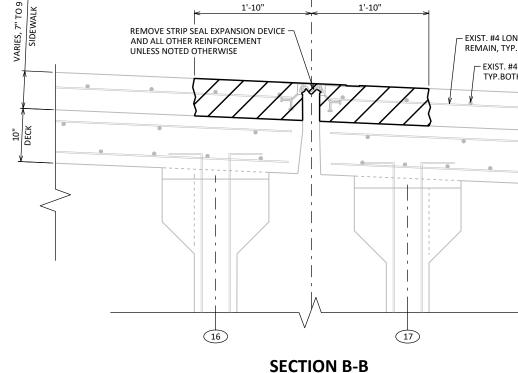
- EXISTING TRANSVERSE REINFORCEMENT IS PLACED NORMAL TO GIRDERS. SAVE AND INCORPORATE 1'-10" MIN. OF TRANSVERSE REINFORCEMENT BARS
- ALL EXISTING SIDEWALK AND PARAPET TRANSVERSE REINFORCEMENT NOT SHOWN FOR CLARITY. SALVAGE AND INCORPORATE 1'-6" MIN.
- TRANSVERSE REINFORCEMENT WITHIN JOINT REPLACEMENT LIMITS TO BE REMOVED AND REPLACED
- REMOVE BOTTOM PORTION OF BARRIER TO THE EXTENT NECESSARY TO REMOVE EXISTING COVER PLATE AND JOINT HARDWARE.

XXX GIRDER DESIGNATION



EXPANSION JOINT SHEET 19 OF 33 STA. 17+28.33 **REMOVAL**





NORMAL TO & OF JOINT

- € JOINT STA. 17+28.33

NOTES

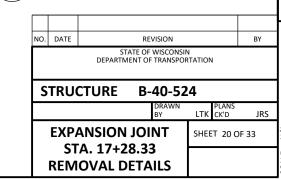
ALL DIMENSIONS SHOWN ON THIS SHEET ARE TAKEN ALONG AND NORMAL TO \P . STA. 17+28.33 JOINT OTHERWISE.

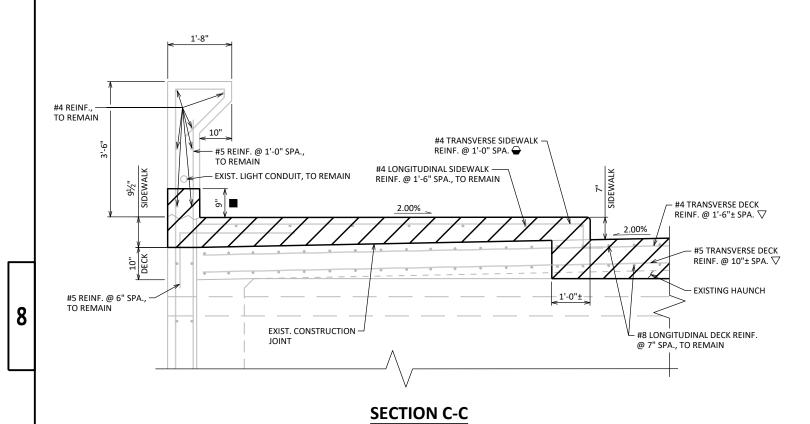
USE CAUTION WHEN REMOVING JOINT CONCRETE TO PROTECT THE EXISTING PORTION THAT IS SUPPORTING THE ADJACENT DECK.

LEGEND

EXISTING CONCRETE TO BE REMOVED

- ♦ DIMENSION TAKEN NORMAL TO ♀ STA. 17+28.33 JOINT
- * EXISTING BARS ARE LIKELY TO BE CORRODED AND/OR DAMAGED DURING CONCRETE REMOVAL. SALVAGE AND INCORPORATE AS MUCH REBAR AS PRACTICAL. SUPPLEMENT WITH "ADHESIVE ANCHORS NO. 5 BAR". FOR ADHESIVE ANCHOR LOCATIONS, SEE "EXPANSION JOINT STA. 17+28.33 DETAILS (1 OF 2)" AND "EXPANSION JOINT STA. 17+28.33 DETAILS (2 OF 2)" SHEETS.
- TRANSVERSE REINFORCEMENT WITHIN JOINT REPLACEMENT LIMITS TO BE REMOVED AND REPLACED
- SAVE AND INCORPORATE 1'-3" MIN. INTO NEW WORK.
- REMOVE BOTTOM PORTION OF BARRIER TO THE EXTENT NECESSARY TO REMOVE EXISTING COVER PLATE AND JOINT HARDWARE.
- XXX GIRDER DSIGNATION





← JOINT STA. 17+28.33

1'-10"

1'-6"

SECTION A-A

NORMAL TO € OF JOINT

- REMOVE STRIP SEAL EXPANSION DEVICE

17

- EXIST. GIRDER STIRRUPS TYP.,

EXIST. VARIABLE DEPTH HAUNCH, TYP.

TO REMAIN,

AND ALL OTHER REINFORCEMENT

UNLESS NOTED OTHERWISE

1'-10"

16

EXIST. #4 TRANSVERSE BARS -

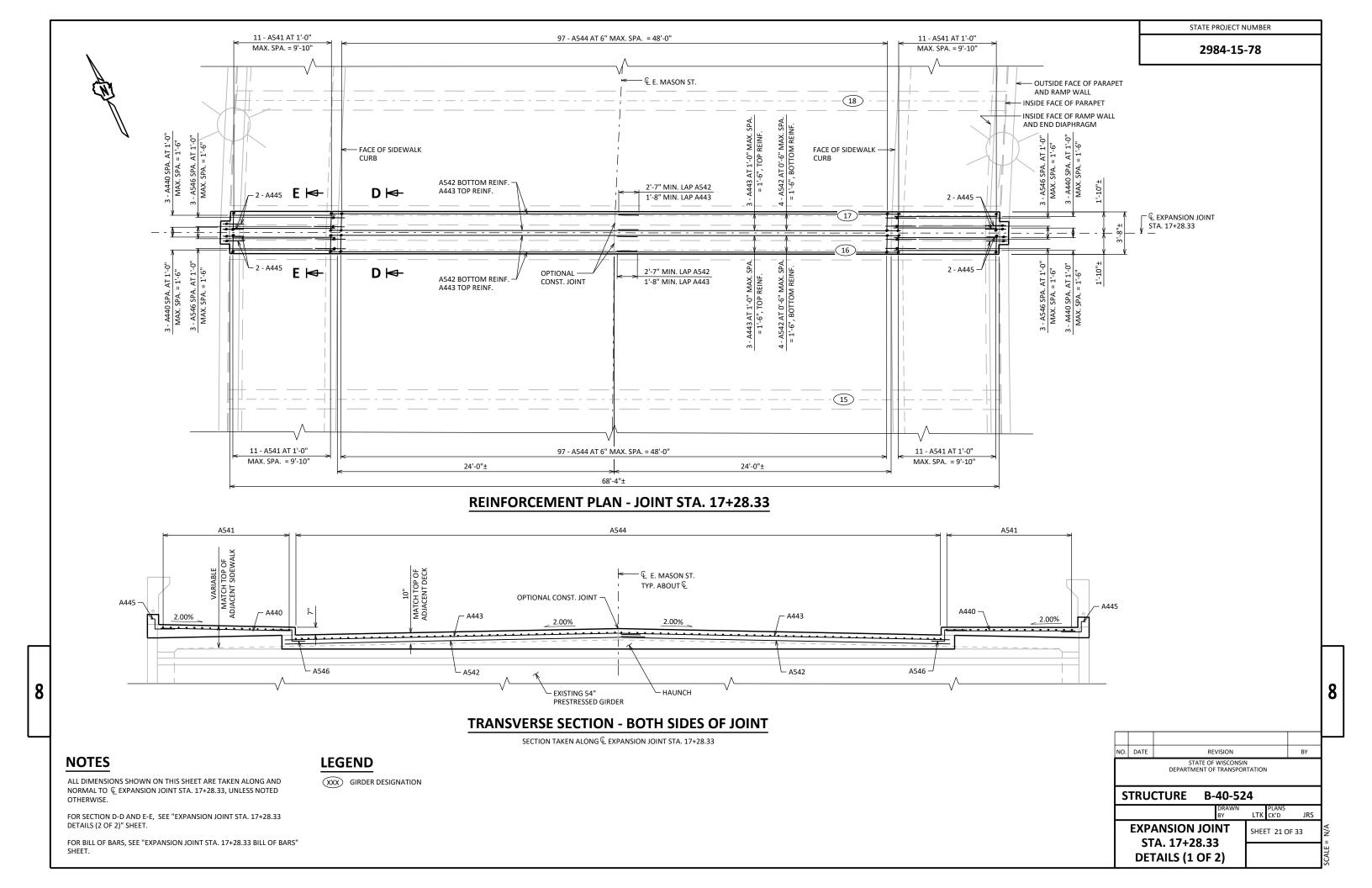
@ VARIABLE SPA., TYP. BOTH

EXIST. #5 TRANSVERSE BARS —
@ VARIABLE SPA., TYP. BOTH
SIDES OF JOINT —

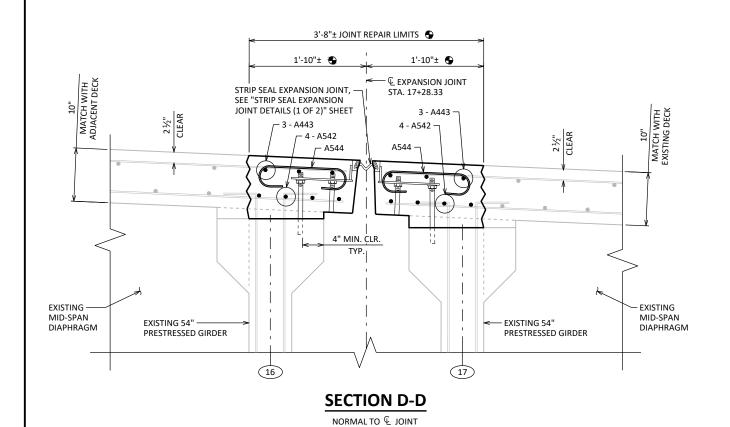
SIDES OF JOINT

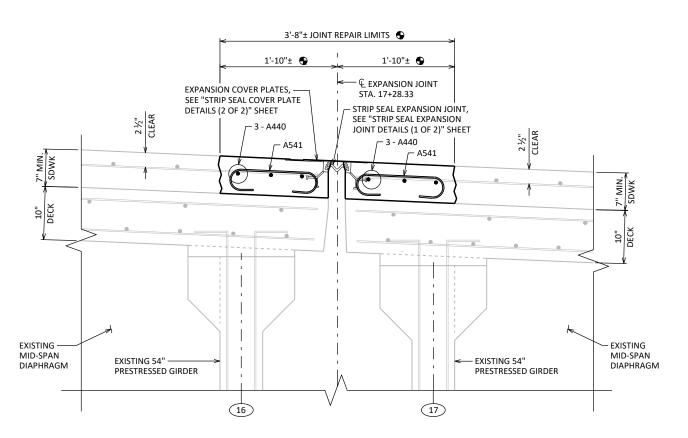
EXIST. #8 LONGITUDINAL -

BARS, TO REMAIN, TYP. BOTH SIDES OF JOINT







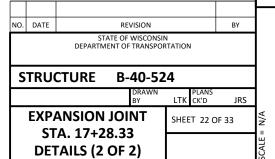


SECTION E-E NORMAL TO © JOINT

LEGEND

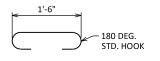
DIMENSION IS TAKEN NORMAL TO JOINT.

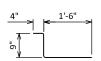
XXX GIRDER DESIGNATION

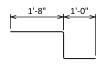


BILL OF BARS - EXPANSION JOINT STA. 17+28.33

BAR MARK	NO. REQ'D.	LENGTH	COAT	STAINLESS STEEL	BENT	BAR SERIES	LOCATION	
A440	12	9'-10"	Χ				SIDEWALK -TRANSVERSE	
A541	44	2'-6"	Χ		Χ		SIDEWALK - LONGITUDINAL	
A542	16	27'-7"	Χ				DECK - TRANSVERSE, BOTTOM	
A443	12	26'-5"	Χ				DECK - TRANSVERSE, TOP	
A544	194	2'-6"	Χ		Χ		DECK - LONGITUDINAL	
A445	12	2'-5"	Χ		Χ		PARAPET	
A546	12	3'-4"	Χ		Χ		CURB	







A541, A544

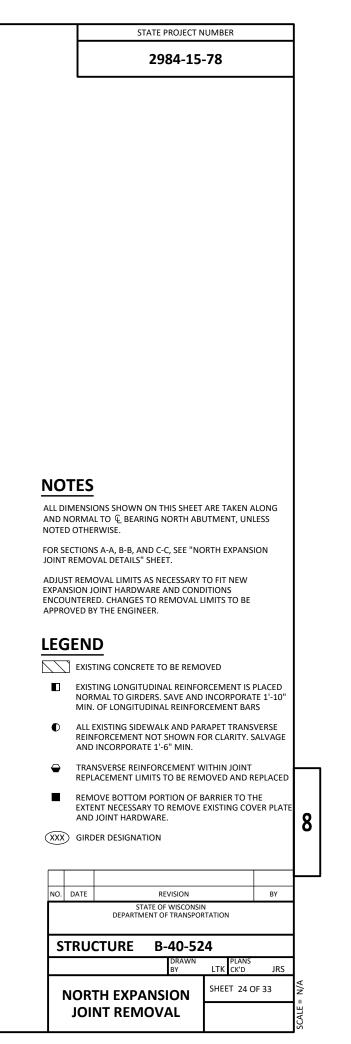
A445

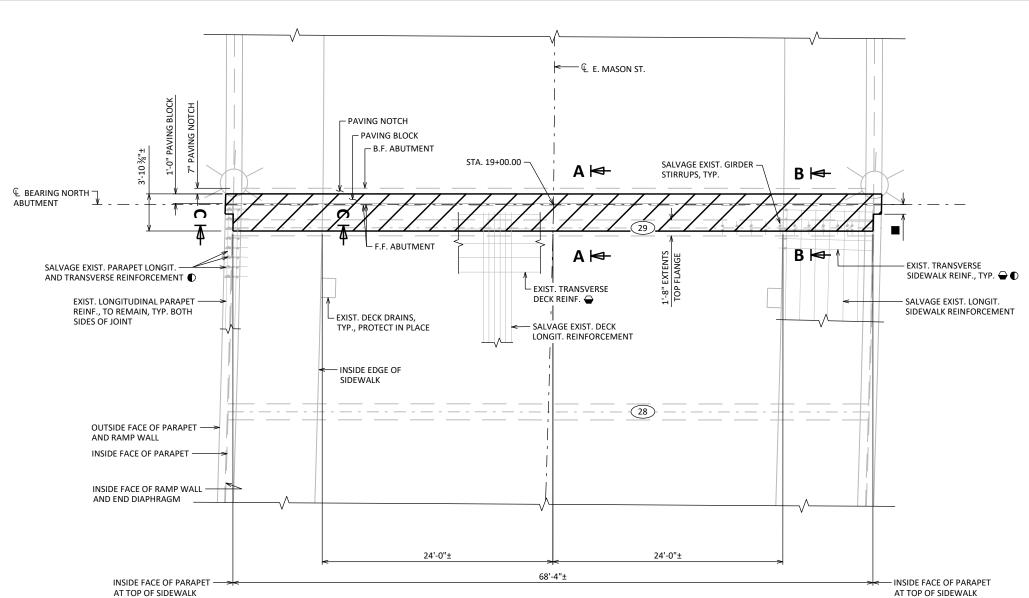
A546

NO. DATE STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION STRUCTURE B-40-524

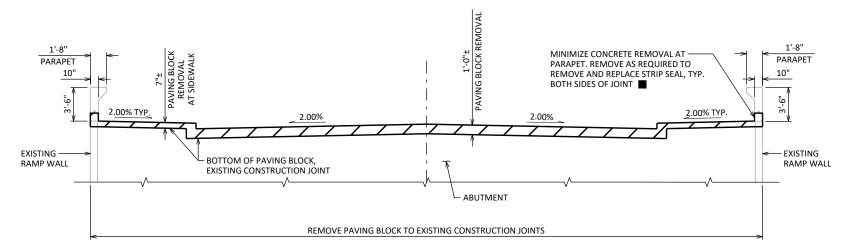
EXPANSION JOINT STA. 17+28.33 **BILL OF BARS**

SHEET 23 OF 33

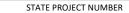


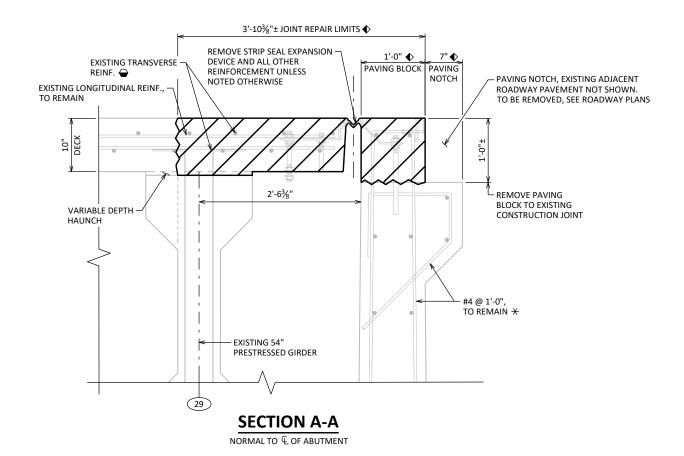


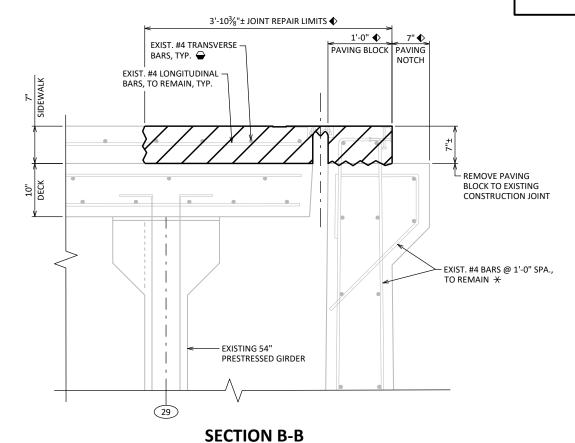
REMOVAL PLAN - NORTH JOINT



PAVING BLOCK REMOVAL SECTION







NORMAL TO & OF ABUTMENT

NOTES

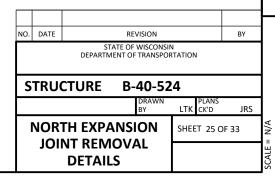
ALL DIMENSIONS SHOWN ON THIS SHEET ARE TAKEN ALONG AND NORMAL TO \P BEARING NORTH ABUTMENT, UNLESS NOTED OTHERWISE.

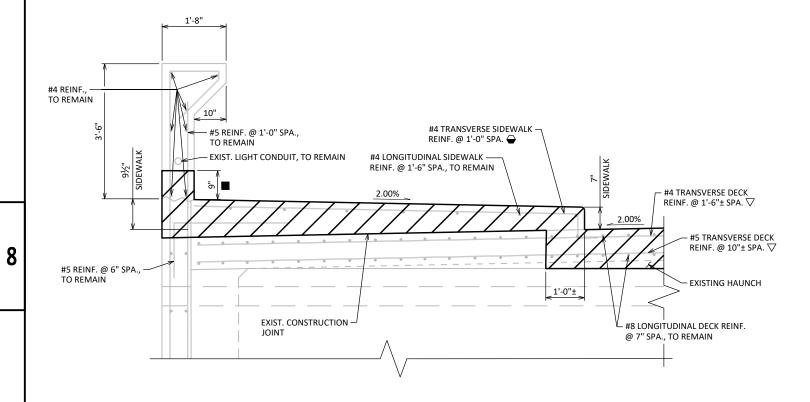
USE CAUTION WHEN REMOVING JOINT CONCRETE TO PROTECT THE EXISTING PORTION THAT IS SUPPORTING THE ADJACENT DECK.

LEGEND

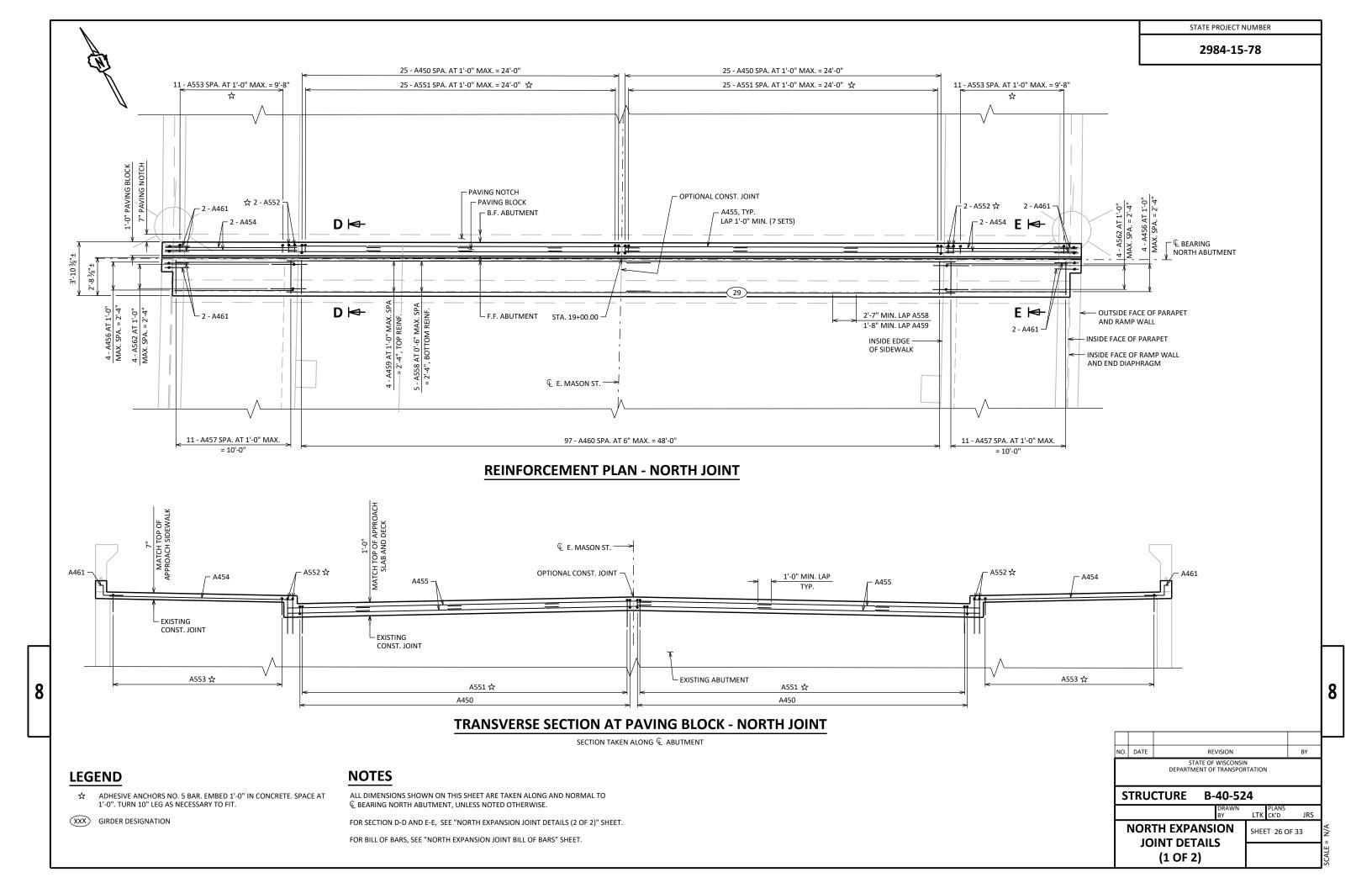
EXISTING CONCRETE TO BE REMOVED

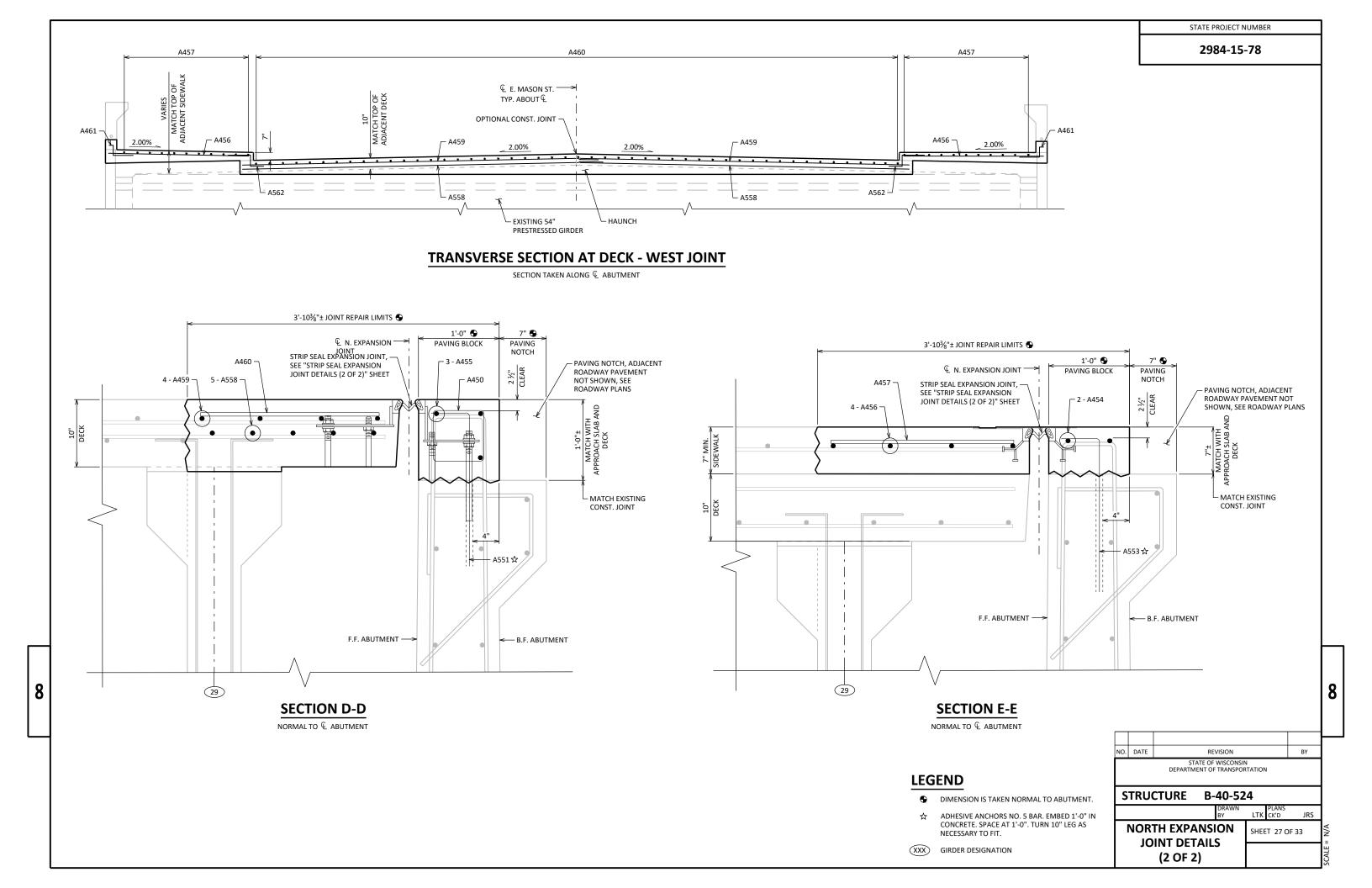
- ◆ DIMENSION TAKEN NORMAL TO € ABUTMENT
- * EXISTING BARS ARE LIKELY TO BE CORRODED AND/OR DAMAGED DURING CONCRETE REMOVAL. SALVAGE AND INCORPORATE AS MUCH REBAR AS PRACTICAL. SUPPLEMENT WITH "ADHESIVE ANCHORS NO. 5 BAR". FOR ADHESIVE ANCHOR LOCATIONS, SEE "NORTH EXPANSION JOINT DETAILS (1 OF 2)" AND "NORTH EXPANSION JOINT DETAILS (2 OF 2)" SHEETS.
- TRANSVERSE REINFORCEMENT WITHIN JOINT REPLACEMENT LIMITS TO BE REMOVED AND REPLACED
- igtriangledown Save and incorporate 1'-3" Min. into New Work.
- REMOVE BOTTOM PORTION OF BARRIER TO THE EXTENT NECESSARY TO REMOVE EXISTING COVER PLATE AND JOINT HARDWARE.
- XXX GIRDER DESIGNATION





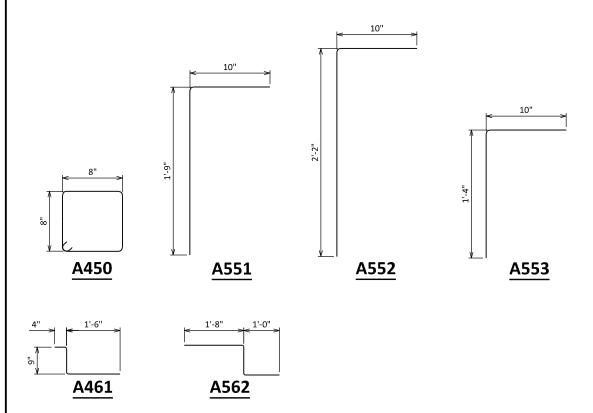
SECTION C-C





BILL OF BARS - NORTH EXPANSION JOINT

	BAR MARK	NO. REQ'D.	LENGTH	COAT	STAINLESS STEEL	BENT	BAR	LOCATION			
	A450	50	3'-2"	Χ		Χ		PAVING BLOCK - HOOPS			
☆	A551	50	2'-6" X X PAVING BLOCK - L BARS		PAVING BLOCK - L BARS						
☆	A552	4	2'-11"	Χ	X PAVING BLOCK - SIDEWALK, L BARS						
☆	A553	22	2'-1"	Χ		Χ		PAVING BLOCK - SIDEWALK, L BARS			
	A454	4	10'-8"	Χ				PAVING BLOCK - SIDEWALK, TRANSVERSE			
	A455	21	7'-9"	Χ				PAVING BLOCK - DECK, TRANSVERSE			
	A456	8	9'-10"	Χ				SIDEWALK -TRANSVERSE			
	A457	22	2'-4"	Χ				SIDEWALK - LONGITUDINAL			
	A558	10	27'-7"	Χ				DECK - TRANSVERSE, BOTTOM			
	A459	8	26'-5"	Χ				DECK - TRANSVERSE, TOP			
	A460	97	2'-4"	Χ				DECK - LONGITUDINAL			
	A461	8	2'-7"	Χ				PARAPET			
	A562	8	3'-4"	Χ		Χ		CURB			



LEGEND

☆ ADHESIVE ANCHORS NO. 5 BAR. EMBED 1'-0" IN CONCRETE. SPACE AT 1'-0". TURN 10" LEG AS NECESSARY TO FIT.

NO. DATE REVISION BY

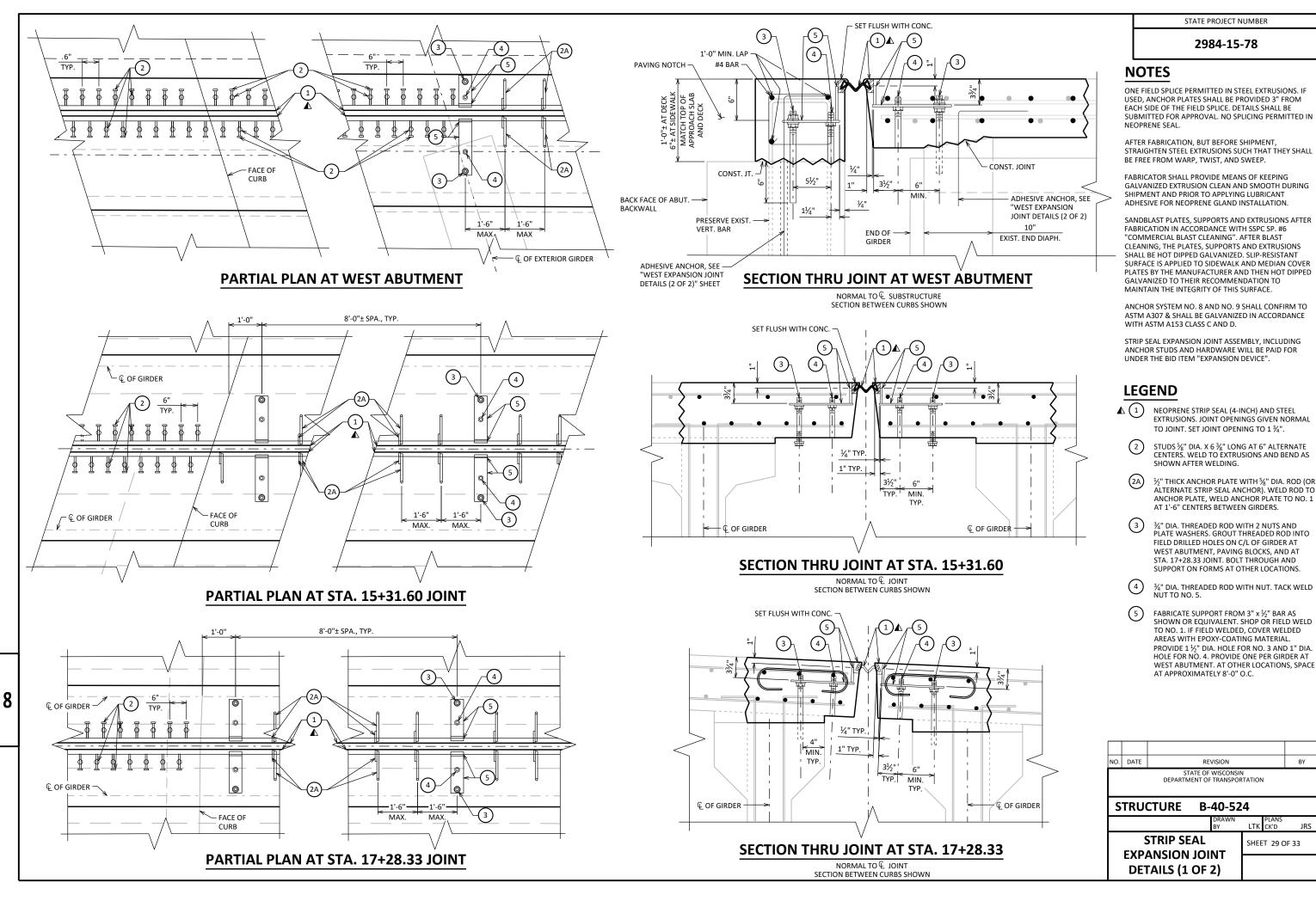
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-40-524

DRAWN
BY

DRAWN
LTK PLANS
CK'D JRS

NORTH EXPANSION
JOINT
BILL OF BARS



PARALLEL TO DIRECTION OF MOVEMENT.

PROVIDE COMPRESSION JOINT SEALER PREFORMED ELASTOMERIC, EXTEND TO STRIP SEAL GLAND AND ALONG VERTICAL FACE OF WALL AS SHOWN. PROVIDE AT STA. 15+31.60, STA. 17+28.33, AND

COMPRESSION JOINT SEALER SIZING TABLE

LOCATION	SIZE
STA. 15+31.60, WEST END	2-1/4"
STA. 15+31.60, EAST END	2-1/2"
STA. 17+28.33, WEST END	2-1/4"
STA. 17+28.33, EAST END	2-1/4"
NORTH JOINT, WEST END	2-1/2"
NORTH JOINT, EAST END	2-1/2"

NO. DATE STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION STRUCTURE B-40-524 **STRIP SEAL** SHEET 30 OF 33 **EXPANSION JOINT DETAILS (2 OF 2)**

- SET FLUSH WITH CONC. - PAVING NOTCH OF ABUT. - CONST. JT. 3½" PRESERVE EXIST. VERT. BAR ADHESIVE ANCHOR. SEE "NORTH EXPANSION JOINT DETAILS (2 OF 2)"

PARTIAL PLAN AT NORTH JOINT

- FACE OF CURB

1'-6"

MAX.

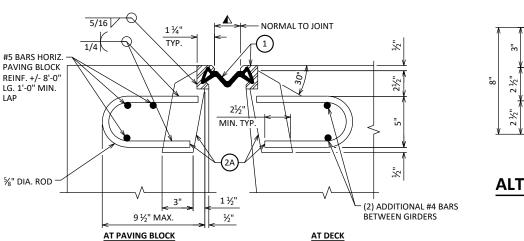
1'-6"

8'-0"± SPA., TYP.

SECTION THRU JOINT AT NORTH ABUTMENT

CONST. JOINT

NORMAL TO € JOINT SECTION BETWEEN CURBS SHOWN



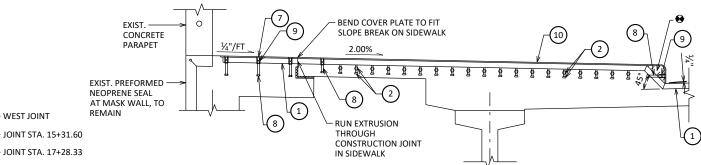
− € OF GIRDER

€ OF GIRDER

NORMAL TO JOINT 1½" MIN **SECTION THRU JOINT**

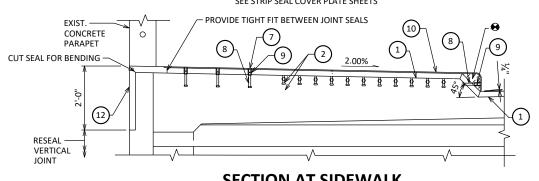
ALTERNATE STRIP SEAL ANCHOR

EXTERIOR GIRDER TO EDGE OF DECK, AND AT PARAPETS AND SIDEWALKS



SECTION AT SIDEWALK - WEST JOINT

SEE STRIP SEAL COVER PLATE SHEETS



NOTE: DIMENSIONS SHOWN ARE FIELD MEASURED ALONG THE JOINT LOOKING UPSTATION

SECTION THRU JOINT

26'-2 3/8"

36'-2"

24'-0"

24'-0"

SURVEYED TOP OF JOINT ELEVATIONS											
	LEFT LIMIT (FT)	LEFT CURB (FT)	LEFT GUTTER (FT)	CROWN (FT)	RIGHT GUTTER (FT)	RIGHT CURB (FT)	RIGHT LIMIT (I				
JOINT LOCATION	(A)	B	©	(D)	(E)	(F)	©				
WEST JOINT	624.70	624.53	623.95	624.40	623.93	624.49	624.65				
STA. 15+31.60	625.92	625.77	625.64	625.60	625.47	626.05	626.26				
STA. 17+28.33	620.81	620.62	620.05	620.57	620.07	620.65	620.80				
NORTH JOINT	613.55	613.36	612.78	613.25	612.75	613.33	613.55				

EXPANSION JOINT ELEVATION

WEST JOINT

NORTH JOINT

14'-9"

9'-10"

10'-2"

10'-2"

SECTION AT SIDEWALK

SEE STRIP SEAL COVER PLATE SHEETS

BASE OF

BARRIFR

TYP.

TYP.

REINF. +/- 8'-0" LG. 1'-0" MIN.

%" DIA. ROD

ROADWAY TRAFFIC AREA BETWEEN EXTERIOR GIRDERS

9'-6"

10'-2"

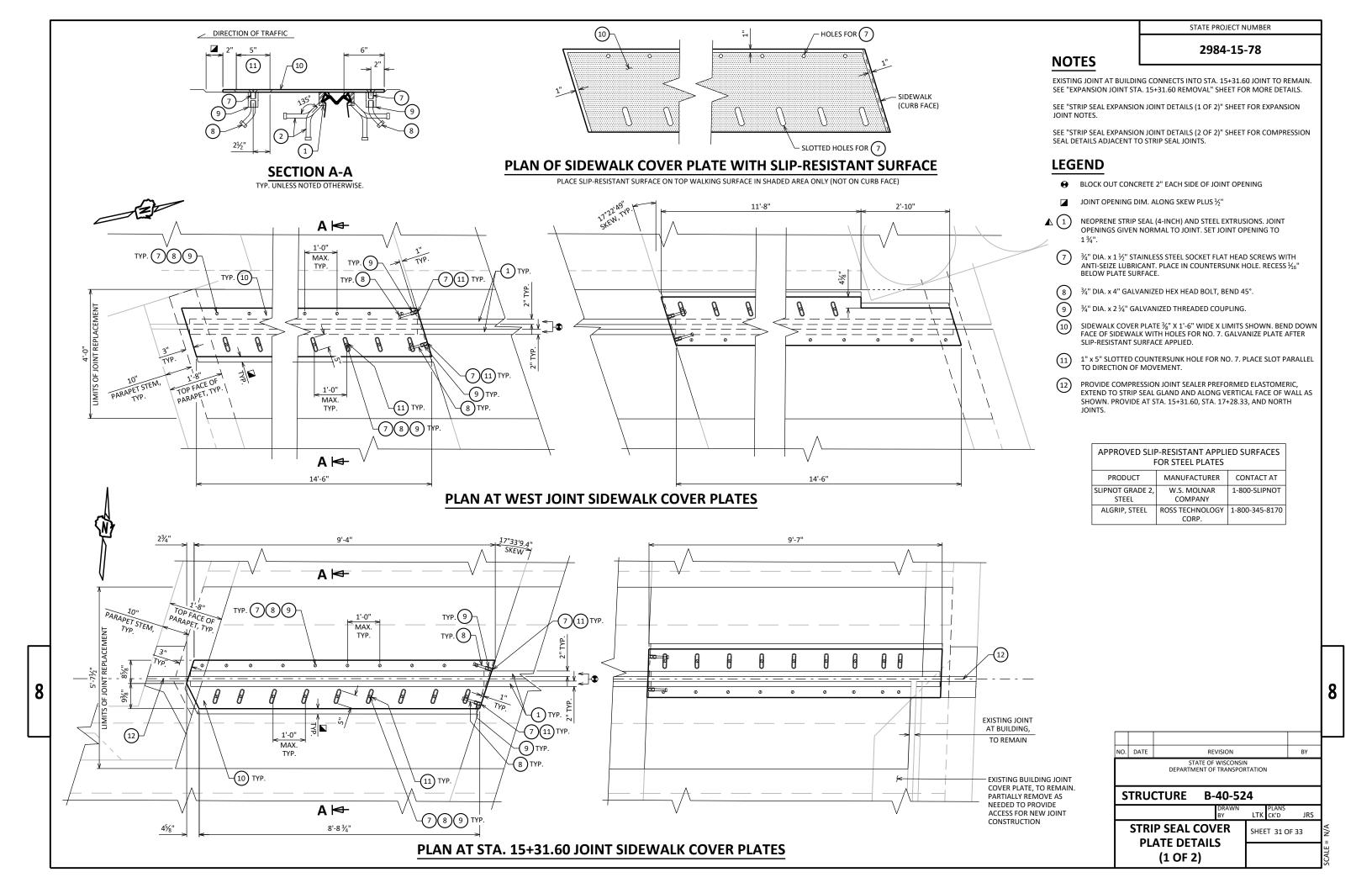
10'-2"

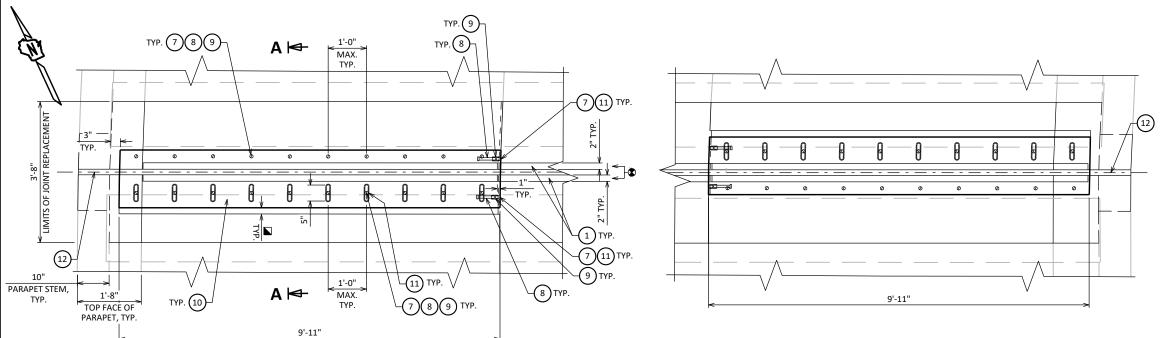
26'-2 %"

26'-5"

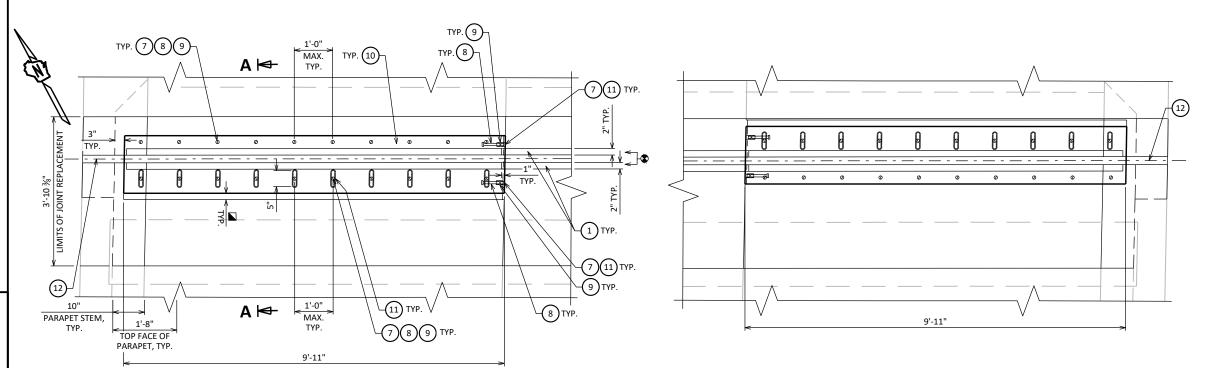
24'-0"

24'-0"





PLAN AT STA. 17+28.33 JOINT SIDEWALK COVER PLATES



PLAN AT NORTH JOINT SIDEWALK COVER PLATES

NOTES

SEE "STRIP SEAL EXPANSION JOINT DETAILS (1 OF 2)" SHEET FOR EXPANSION JOINT NOTES.

SEE "STRIP SEAL EXPANSION JOINT DETAILS (2 OF 2)" SHEET FOR COMPRESSION SEAL DETAILS ADJACENT TO STRIP SEAL JOINTS.

LEGEND

- BLOCK OUT CONCRETE 2" EACH SIDE OF JOINT OPENING
- ✓ JOINT OPENING DIM. ALONG SKEW PLUS ½"
- ▲ 1 NEOPRENE STRIP SEAL (4-INCH) AND STEEL EXTRUSIONS. JOINT OPENINGS GIVEN NORMAL TO JOINT. SET JOINT OPENING TO 13/1".
 - 7) ¾" DIA. x 1½" STAINLESS STEEL SOCKET FLAT HEAD SCREWS WITH ANTI-SEIZE LUBRICANT. PLACE IN COUNTERSUNK HOLE. RECESS ½6" BELOW PLATE SURFACE
 - 8) ¾" DIA. x 4" GALVANIZED HEX HEAD BOLT, BEND 45°.
- 9) ¾" DIA. x 2 ¼" GALVANIZED THREADED COUPLING.
- SIDEWALK COVER PLATE ¾" X 1'-6" WIDE X LIMITS SHOWN. BEND DOWN FACE OF SIDEWALK WITH HOLES FOR NO. 7. GALVANIZE PLATE AFTER SLIP-RESISTANT SURFACE APPLIED.
- 1" x 5" SLOTTED COUNTERSUNK HOLE FOR NO. 7. PLACE SLOT PARALLEL TO DIRECTION OF MOVEMENT.
- PROVIDE COMPRESSION JOINT SEALER PREFORMED ELASTOMERIC, EXTEND TO STRIP SEAL GLAND AND ALONG VERTICAL FACE OF WALL AS SHOWN. PROVIDE AT STA. 15+31.60, STA. 17+28.33, AND NORTH IOINTS

NO. DATE REVISION BY

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

STRUCTURE B-40-524

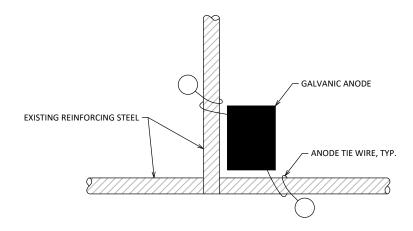
DRAWN BY LTK CK'D JRS

STRIP SEAL COVER PLATE DETAILS
(2 OF 2)

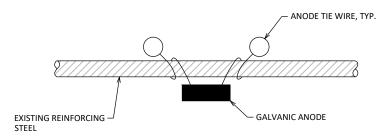
SHEET 32 OF 33

8

PARTIAL PLAN TYPICAL DECK PATCHING DETAIL



TYPICAL INSTALLATION AT BAR STEEL INTERSECTION



TYPICAL INSTALLATION FOR BAR STEEL

NOTES

INSTALL GALVANIC ANODES WITH DECK PATCHING REPAIRS. ANODES ARE NOT TO BE USED FOR CONCRETE SURFACE REPAIRS, JOINT REPAIRS, OR IN OTHER LOCATIONS BESIDES THE TOP OF DECK PATCHING.

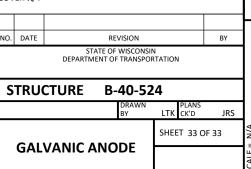
DECK PATCHING AREAS WITH CATHODIC PROTECTION ARE BASED ON THE PLANS AND AS DETERMINED BY THE ENGINEER. THE PLAN QUANTITY FOR THE BID ITEM "EMBEDDED GALVANIC ANODES" IS BASED ON A MAXIMUM SPACING OF 24-INCHES AROUND THE SURFACE REPAIR PERIMETER. THE ACTUAL QUANTITY SHALL BE BASED ON THE FIELD CONDITIONS AND AS RECOMMENDED BY THE GALVANIC ANODE SUPPLIER.

DECK PATCHING SHALL BE FILLED WITH REPAIR MATERIALS COMPATIBLE WITH CATHODIC PROTECTION, AS RECOMMENDED BY THE ANODE SUPPLIER.

EXISTING REINFORCING STEEL TO BE COMPLETELY CLEANED OF CORRODED MATERIAL AND CONCRETE TO PROVIDE SUFFICIENT ELECTRICAL CONNECTION AND BOND. CATHODIC PROTECTION PREPARATIONS ARE INCLUDED IN THE BID ITEM "EMBEDDED GALVANIC ANODES".

ANODES NEAREST TO EDGE OF REPAIR TO BE WITHIN 6" OF EDGE.

AFTER PLACEMENT, GALVANIC ANODES SHOULD MAINTAIN A MINIMUM TOP COVER OF 1 $\frac{1}{2}$ " AND A MINIMUM BOTTOM COVER $\frac{3}{4}$ ".





Wisconsin Department of Transportation

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