

O:\Engineering\DWG\PROJ\1144\DWG\1144_18thStreet_COVER.dwg, 6/27/2022 8:31:00 AM, City of Wausau - Engineering Department, Plotted by: J.D. VanBoxel

STATE PROJECT PROJECT CONTRACT 6999-18-78 WISC 2023051 1 CITY OF WAUSAU, WISCONSIN DATE: 21-22 States of Official CITY OF WAUSAU, WISCONSIN DATE: 21-22 States of Official CITY OF WAUSAU, WISCONSIN DATE: 21-22 States of Official CITY OF WAUSAU, WISCONSIN ENGINEERING WHEN OF OFFICE FOR CITY OF WAUSAU, WISCONSIN ENGINEERING WHEN OFFICE FOR CITY OF WAUSAU, WISCONSIN ENGINEERING WHEN OFFICE FOR CITY OF WAUSAU, WISCONSIN ENGINEERING WHEN OF TRANSPORTATION PREPARED F WISCONSIN DEPARTMENT OF TRANSPORTATION PREPARED F CITY OF WAUSAU SUMPOR DOING THE DEPARTMENT DEPARTMENT OF TRANSPORTATION PREPARED F CITY OF WAUSAU MISCONSIN DEPARTMENT OF TRANSPORTATION PREPARED F MISCONSIN DEPARTMENT		FEDERAL PI	ROIECT
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UTILITIES

COMMUNICATIONS

FRONTIER COMMUNICATIONS OF WI, LLC RUSS RYAN 315 OAK STREET OAKFIELD, WI 53065 OFFICE PHONE: (920) 583-3275 MOBILE PHONE: (920) 737-9662 EMAIL: RUSSELL.W.RYAN@FTR.COM

NET-LEC, LLC RICK VINCENT 470 SECURITY BOULEVARD GREEN BAY, WI 54313 PHONE: (920) 617-7316 EMAIL: RICK.VINCENT@NSIGHT.COM

SPECTRUM SCOTT GHODES 853 MCINTOSH STREET WAUSAU, WI 54403 OFFICE PHONE: (715) 803-2989 MOBILE PHONE: (715) 519-0065 EMAIL: SCOTT.GHODES@CHARTER.COM

WATER

WAUSAU WATER WORKS SHANNON LANE 1701 N. RIVER DRIVE WAUSAU, WI 54403 OFFICE PHONE: (715) 271-7265 MOBILE PHONE: (715) 571-9774 EMAIL: SHANNON.LANE@CI.WAUSAU.WI.US

SANITARY SEWER

WAUSAU WATER WORKS RYAN DWELLY 415 ADRIAN STREET WAUSAU, WI 54401 OFFICE PHONE: (715) 261-6948 MOBILE PHONE: (715) 574-3179 EMAIL: RYAN.DWELLY@CI.WAUSAU.WI.US

ELECTRIC

WISCONSIN PUBLIC SERVICE CORPORATION JESSE PATTEN P.O. BOX 1166 WAUSAU, WI 54448 OFFICE PHONE: (715) 848-7405 MOBILE PHONE: (715) 573-0349 EMAIL: JESSE.PATTEN@WISCONSINPUBLICSERVICE.COM EMERGENICES (24HRS): 1-800-450-7280

GAS

WISCONSIN PUBLIC SERVICE CORPORATION SHANE SARKKINEN 1700 SHERMAN STREET WAUSAU, WI 54402 OFFICE PHONE: (715) 848-7387 MOBILE PHONE: (715) 966-1040 EMAIL: SHANE.SARKKINEN@WISCONSINPUBLICSERVICE.COM EMERGENICES (24HRS): 1-800-450-7280

OTHER CONTACTS

CITY OF WAUSAU CONTACTS:

CITY OF WAUSAU - ENGINEERING DEPARTMENT CITY HALL 407 GRANT STREET WAUSAU, WISCONSIN 54403-4783 OFFICE 715-261-6740 FAX 715-261-6759 AFTER HOURS 715-849-7798 EMAIL: ENGINEERING@.CI.WAUSAU.WI.US

ERIC LINDMAN - DIRECTOR OF PUBLIC WORKS & UTILITIES EMAIL: ERIC.LINDMAN@CI.WAUSAU.WI.US OFFICE 715-261-6745

ALLEN WESOLOWSKI - CITY ENGINEER EMAIL: ALLEN.WESOLOWSKI@CI.WAUSAU.WI.US OFFICE 715-261-6762

TJ NIKSICH - PROJECT ENGINEER EMAIL: THOMAS.NIKSICH@CI.WAUSAU.WI.US OFFICE 715-261-6748

DAVID HUEMPFNER - CITY SURVEYOR EMAIL: DAVID.HUEMPFNER@CI.WAUSAU.WI.US OFFICE 715-261-6754

DNR LIAISON CASEY JONES

(715) 213-6571

DNR WISCONSIN RAPIDS SERVICE CENTER 473 GRIFFITH DRIVE WISCONSIN RAPIDS, WI 54494

CASEY.JONES@WISCONSIN.GOV

UTILITIES WITHIN PROJECT LIMITS

DESIGN CONSULTANT

EMCS, INC. 500 NORTH 17TH AVENUE

WAUSAU, WI 54401

OFFICE: 715-845-1081

NOTE:

THE LOCATION 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.



GENERAL NOTES

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

THE CONTRACTOR WILL BE RESPONSIBLE FOR SEEDING ANY PREVIOUSLY GRASSED AREAS WHICH ARE DISTURBED BY THEIR OPERATIONS OUTSIDE OF THE NORMAL CONSTRUCTION LIMITS.

ORDER OF SECTION 2 SHEETS

PROJECT OVERVIEW TYPICAL SECTIONS CONSTRUCTION DETAILS PAVEMENT MARKING TRAFFIC CONTROL

RUNOFF COEFFICIENT TABLE

					H	DROLOGIC	SOIL GRO	UP				
		A			В			С		D		
	SLOPE	RANGE (F	PERCENT)	SLOPE	RANGE (F	PERCENT)	SLOPE	RANGE (F	PERCENT)	SLOPE RANGE (PERCENT		
LAND USE	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVE
ROW CROPS	0.08	0.16	0.22	0.12	0.20	0.27	0.15	0.24	0.33	0.19	0.28	0.38
	0.22	0.30	0.38	0.26	0.34	0.44	0.30	0.37	0.50	0.34	0.41	0.56
MEDIAN STRIP-	0.19	0.20	0.24	0.19	0.22	0.26	0.20	0.23	0.30	0.20	0.25	0.30
TURF	0.24	0.26	0.30	0.25	0.28	0.33	0.26	0.30	0.37	0.27	0.32	0.40
SIDE SLOPE-			0.25			0.27			0.28			0.30
TURF			0.32			0.34			0.36			0.38
PAVEMENT:												
ASPHALT						.7095						
CONCRETE						.8095						
BRICK						.7080						
DRIVES, WALKS						.7585						
ROOFS						.7595						
GRAVEL ROADS, SHOULDERS .40 - 60												

TOTAL PROJECT AREA = 1.8 ACRES TOTAL AREA EXPECTED TO BE DISTURBED BY CONSTRUCTION ACTIVITIES = 0.0 ACRES (GRADING AREA)

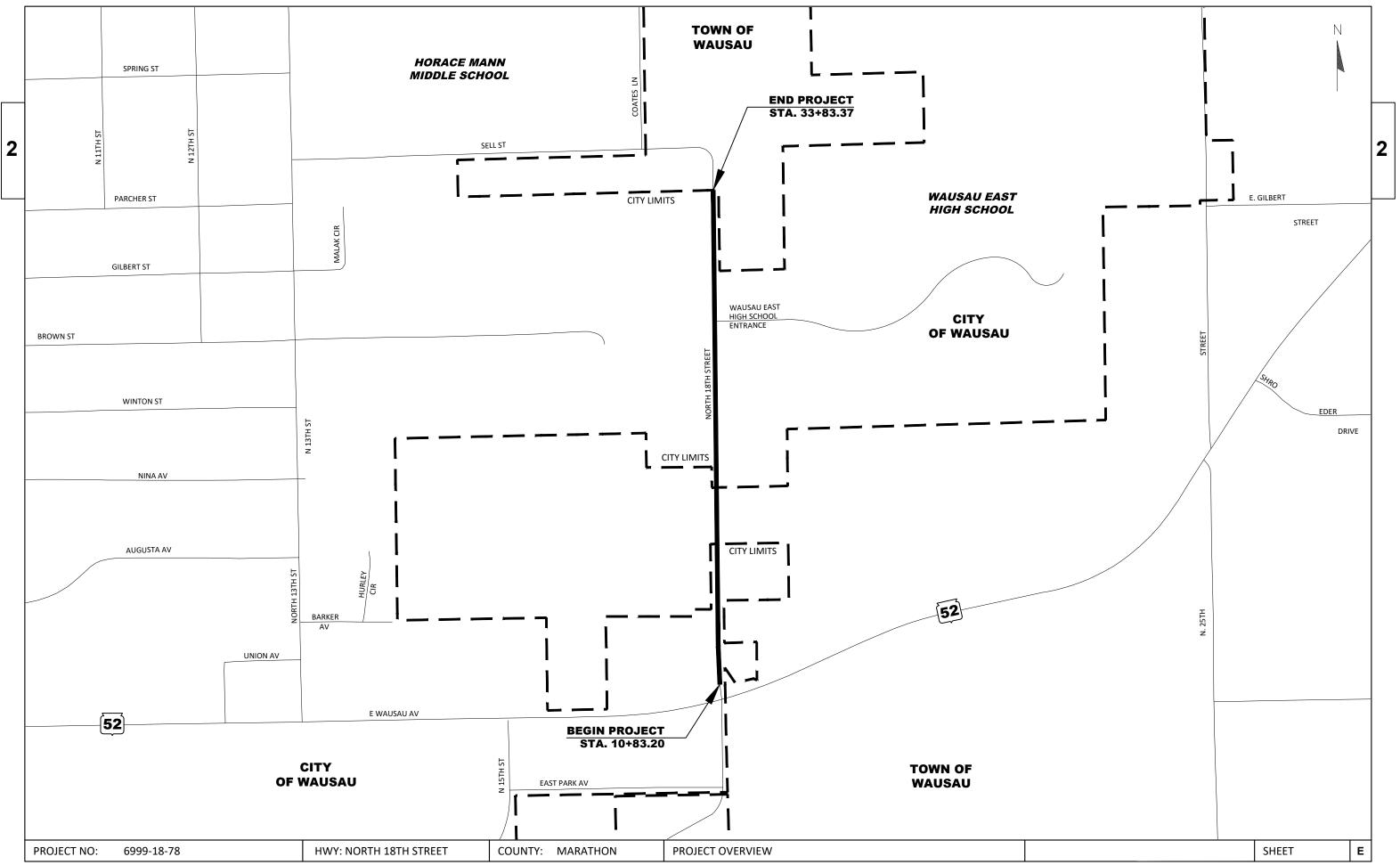
PROJECT NO: 6999-18-78 HWY: NORTH 18TH STREET COUNTY: MARATHON GENERAL NOTES O:\Engineering\DWG\PROJ\1144\DWG\1144_18thStreet_GeneralNotes.dwg, 6/27/2022 8:18:12 AM, City of Wausau - Engineering Department, Plotted by: J.D. VanBoxel

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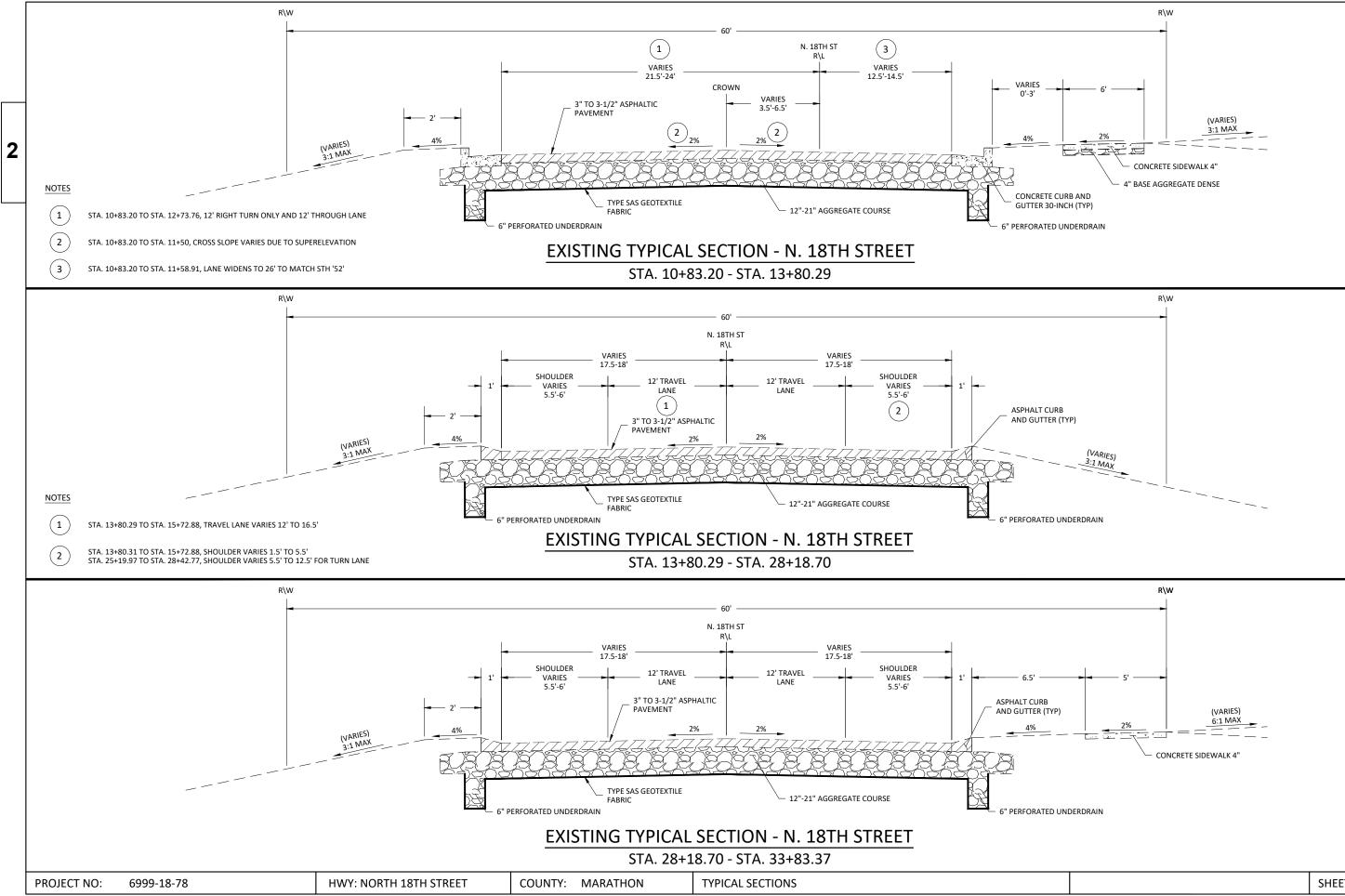
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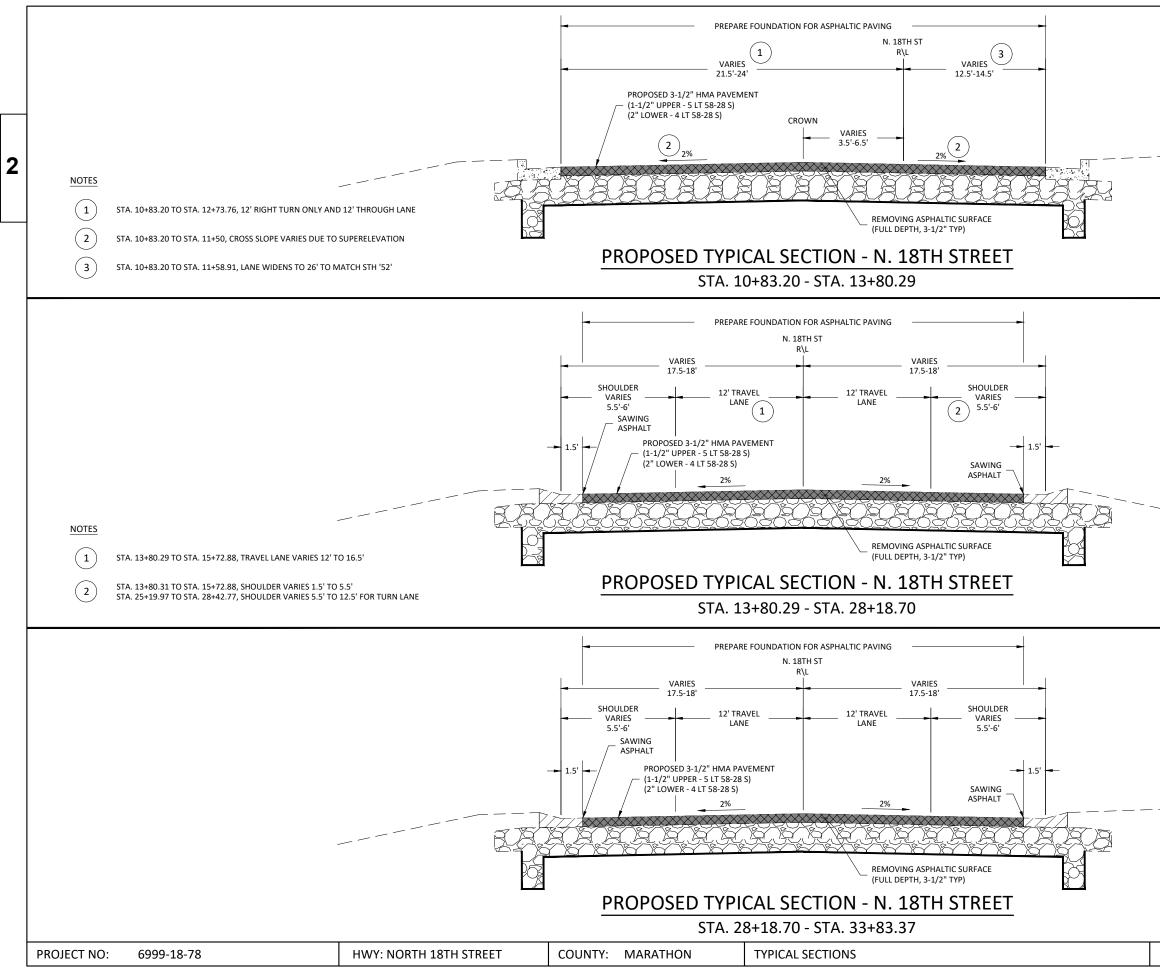


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FULL DEPTH REMOVING ASPHALTIC SURFACE MAY INCLUDE SOME LIMITED REMOVAL OF EXISTING BASE AGGREGATE TO ACCOMMODATE THE PROPOSED 3.5" HMA PAVEMENT. NO PROFILE RAISE PROPOSED.

NOTE:

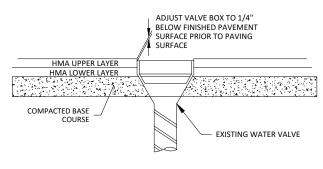
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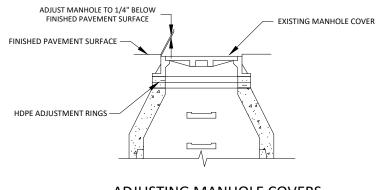
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FULL DEPTH REMOVING ASPHALTIC SURFACE MAY INCLUDE SOME LIMITED REMOVAL OF EXISTING BASE AGGREGATE TO ACCOMMODATE THE PROPOSED 3.5" HMA PAVEMENT. NO PROFILE RAISE PROPOSED.

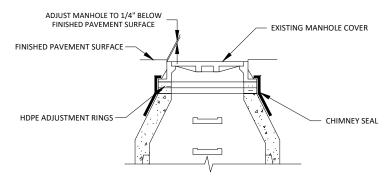
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ADJUSTING MANHOLE COVERS (STORM SEWER MANHOLES)



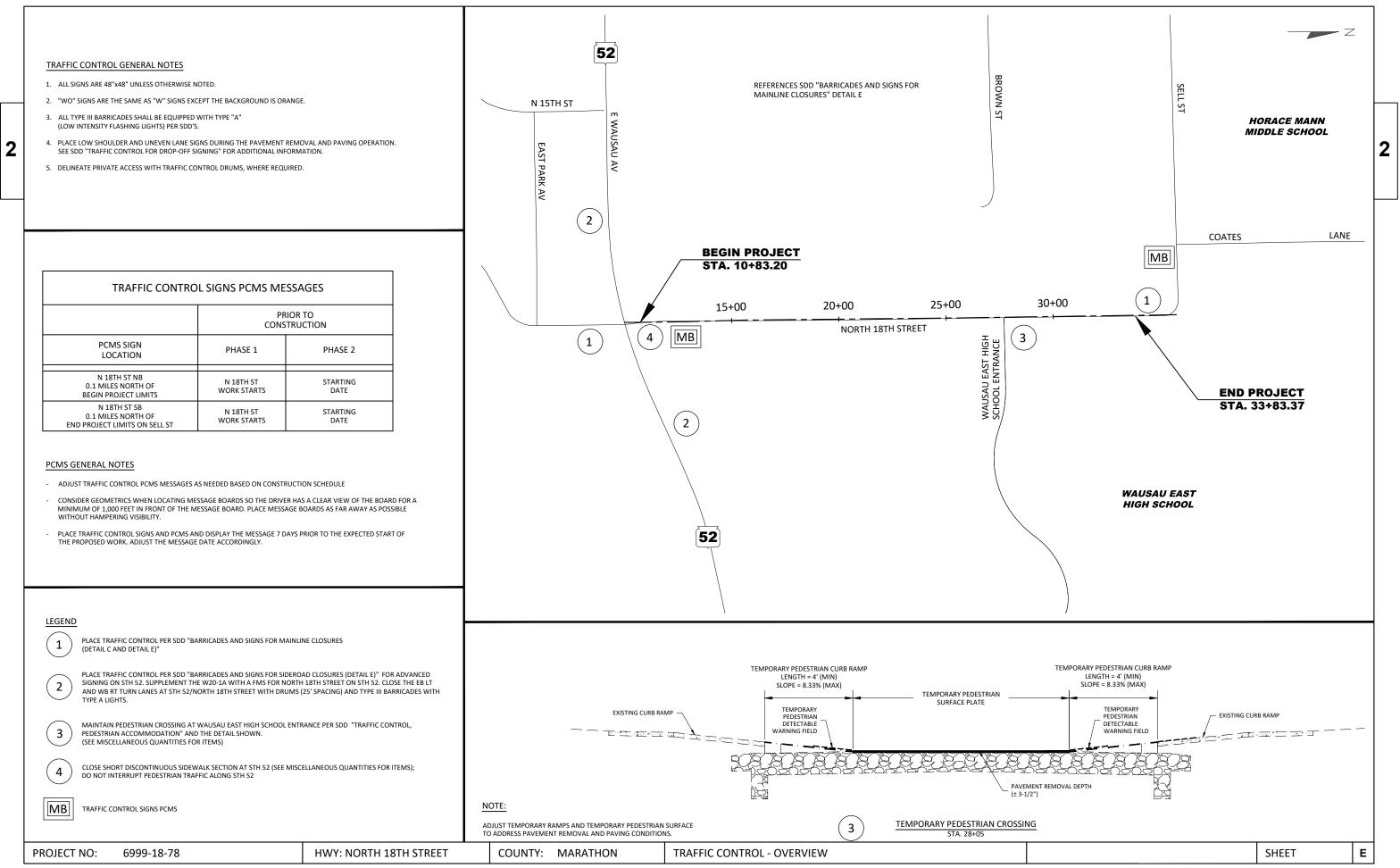
ADJUSTING SANITARY MANHOLE COVERS

NOTES:

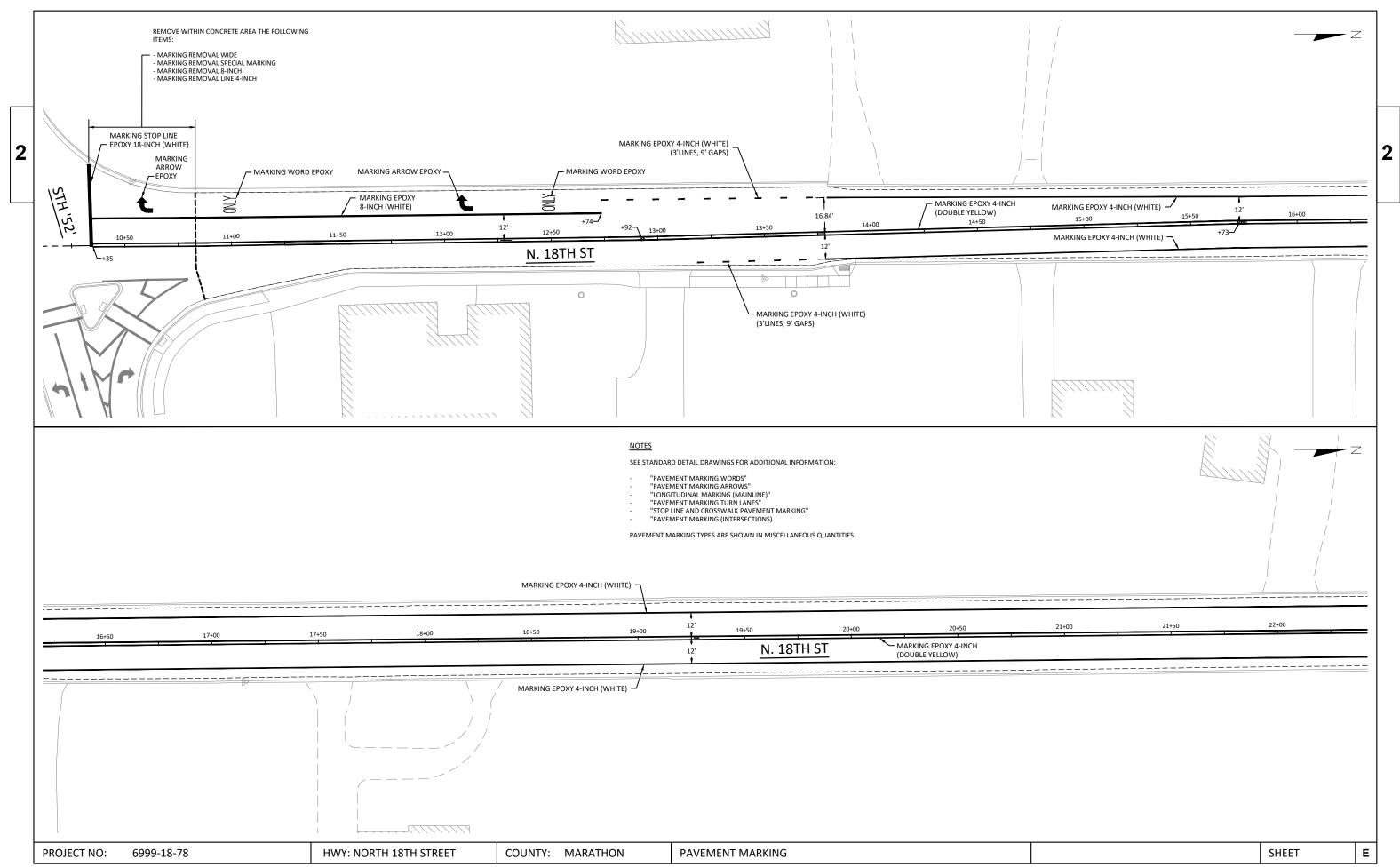
				ERS IN ACCORDANCE WITH SPECIAL PROVISIONS. USE OF TES IS PROPOSED DURING PAVING.	
PROJECT NO:	6999-18-78	HWY: NORTH 18TH STREET	COUNTY: MARATHON	CONSTRUCTION DETAILS	

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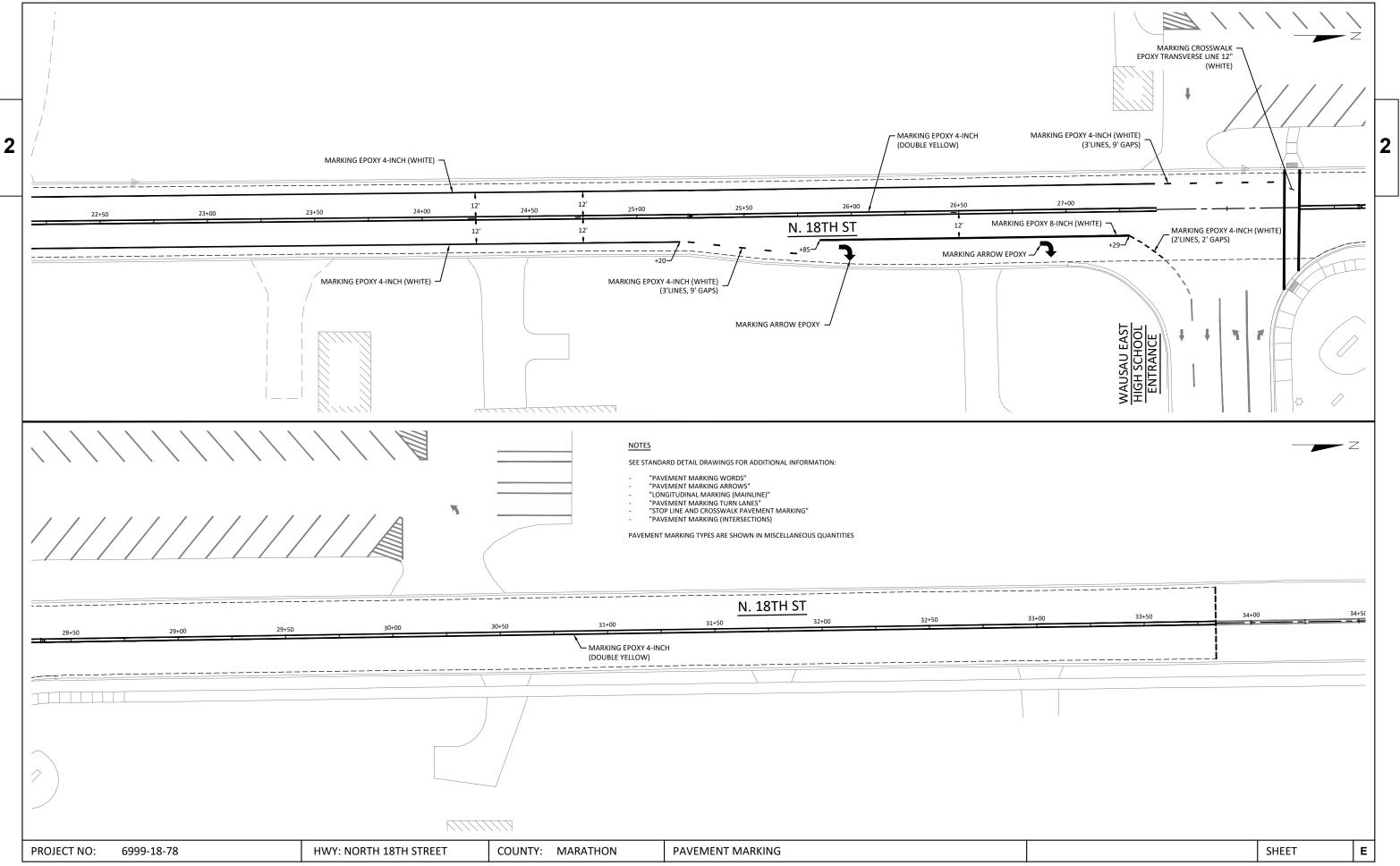
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Estimate Of Quantities

					6999-18-78	
Line	Item	Item Description	Unit	Total	Qty	
0002	204.0110	Removing Asphaltic Surface	SY	8,766.000	8,766.000	
0004	211.0101	Prepare Foundation for Asphaltic Paving (project) 01. 6999-18-78	EACH	1.000	1.000	
0006	213.0100	Finishing Roadway (project) 01. 6999-18-78	EACH	1.000	1.000	
8000	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	25.000	25.000	
0010	455.0605	Tack Coat	GAL	435.000	435.000	
0012	460.2000	Incentive Density HMA Pavement	DOL	1,090.000	1,090.000	
0014	460.5224	HMA Pavement 4 LT 58-28 S	TON	975.000	975.000	
0016	460.5225	HMA Pavement 5 LT 58-28 S	TON	730.000	730.000	
0018	465.0110	Asphaltic Surface Patching	TON	7.000	7.000	
0020	611.8110	Adjusting Manhole Covers	EACH	8.000	8.000	
0022	611.8120.S	Cover Plates Temporary	EACH	14.000	14.000	
0024	618.0100	Maintenance And Repair of Haul Roads (project) 01. 6999-18-78	EACH	1.000	1.000	
0026	619.1000	Mobilization	EACH	1.000	1.000	
0028	628.1905	Mobilizations Erosion Control	EACH	2.000	2.000	
0030	628.1910	Mobilizations Emergency Erosion Control	EACH	1.000	1.000	
0032	628.7015	Inlet Protection Type C	EACH	20.000	20.000	
0034	642.5001	Field Office Type B	EACH	1.000	1.000	
0036	643.0300	Traffic Control Drums	DAY	1,156.000	1,156.000	
0038	643.0420	Traffic Control Barricades Type III	DAY	200.000	200.000	
0040	643.0705	Traffic Control Warning Lights Type A	DAY	400.000	400.000	
0042	643.0900	Traffic Control Signs	DAY	631.000	631.000	
0044	643.1000	Traffic Control Signs Fixed Message	SF	5.000	5.000	
0046	643.1050	Traffic Control Signs PCMS	DAY	14.000	14.000	
0048	643.5000	Traffic Control	EACH	1.000	1.000	
0050	644.1430	Temporary Pedestrian Surface Plate	SF	180.000	180.000	
0052	644.1601	Temporary Pedestrian Curb Ramp	DAY	50.000	50.000	
0054	644.1605	Temporary Pedestrian Detectable Warning Field	SF	20.000	20.000	
0056	644.1810	Temporary Pedestrian Barricade	LF	12.000	12.000	
0058	646.1020	Marking Line Epoxy 4-Inch	LF	7,135.000	7,135.000	
0060	646.3020	Marking Line Epoxy 8-Inch	LF	384.000	384.000	
0062	646.5020	Marking Arrow Epoxy	EACH	4.000	4.000	
0064	646.5120	Marking Word Epoxy	EACH	2.000	2.000	
0066	646.6020	Marking Stop Line Epoxy 12-Inch	LF	37.000	37.000	
0068	646.9000	Marking Removal Line 4-Inch	LF	100.000	100.000	
0070	646.9100	Marking Removal Line 8-Inch	LF	50.000	50.000	
0072	646.9200	Marking Removal Line Wide	LF	37.000	37.000	
0074	646.9300	Marking Removal Special Marking	EACH	1.000	1.000	
0076	650.8000	Construction Staking Resurfacing Reference	LF	2,300.000	2,300.000	
0078	650.9911	Construction Staking Supplemental Control (project) 01. 6999-18-78	EACH	1.000	1.000	
0080	690.0150	Sawing Asphalt	LF	4,414.000	4,414.000	
0082	740.0440	Incentive IRI Ride	DOL	1,742.550	1,742.550	
0084	ASP.1T0A	On-the-Job Training Apprentice at \$5.00/HR	HRS	150.000	150.000	
0086	ASP.1T0G	On-the-Job Training Graduate at \$5.00/HR	HRS	300.000	300.000	
0088	SPV.0060	Special 01. Adjusting Sanitary Manhole Covers	EACH	6.000	6.000	
0090	SPV.0060	Special 02. Adjusting Water Valve Boxes	EACH	4.000	4.000	
0092	SPV.0090	Special 01. Marking Crosswalk Epoxy Transverse Line 12-Inch	LF	83.000	83.000	
	0. 1.0000	cpose of maning crossman Lpoxy manorolog Line 12 mon	-1	00.000	00.000	



REMOVAL ITEMS

						204.0110*	690.0150*
CATEGORY	LOCATION	STATION	ТО	STATION	OFFSET	REMOVING ASPHALTIC SURFACE SY	SAWING ASPHALT LF
0010							
	N. 18TH STREET	10+83.20	-	33+83.37	LT&RT	8,710	4,078
TOTALS						8,710	4,078

EROSION CONTROL MOBILIZATION

EACH

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CATEGORY LOCATION

PROJECT

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TOTALS

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*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

INLET PROTECTION

			628.7015
CATEGORY	STATION	OFFSET	INLET PROTECTION TYPE C EACH
0010			
	14+60	LT&RT	2
	17+00	LT&RT	2
	17+90	LT&RT	4
	19+15	LT&RT	2
	20+85	LT&RT	2
	23+60	LT&RT	2
	32+40	LT&RT	2
	34+15	LT&RT	2
	UNDISTR	RIBUTED	2
TOTAL			20

					UNDISTRIBUTED
PROJECT NO: 6999-18-78	HWY: NORTH 18TH STREET	COUNTY: MARATHON	-	MISCELLANEOUS QUANTITIES	
FILE NAME : P:\55XX\5501.DP.22.18TH.MAR\CADDS\########\SHEETS\030201-MQ.D\ LAYOUT NAME - 01	VG	PLOT DATE :	8/29/2022 8:39 AM	PLOT BY : DREW NELSON	PLOT NAME :

ASPHALTIC ITEMS

						455.0605	460.5224 HMA PAVEMENT	460.5225 HMA PAVEMENT
						TACK COAT	4 LT 58-28 S	5 LT 58-28 S
CATEGORY	LOCATION	STATION	TO	STATION	OFFSET	GAL	TON	TON
0010								
	N. 18TH STREET	10+83.20	-	33+83.37	LT&RT	435	975	730
TOTALS						435	975	730

SHEET

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ADJUSTING MANHOLE AND WATER VALVE ITEMS

REMOVING SURFACE REMOVING SURFACE ASSPHALTIC BASE AGGREGATE ASSPHALTIC PATCHING PATCHING ADJUSTING MANHOLE COVERS ADJUSTING SANITARY ADJUSTING MANHOLE COVERS ADJUSTING SANITARY 0010				204.0110*	305.0120	465.0110	611.8110	611.8120.S	690.0150*	SPV.0060.01	SPV.0060.02
SURFACE DENSE 1 1/4-INCH PATCHING COVERS TEMPORARY ASPHALT MANHOLE COVERS BOXES 0010 14+59 15.2' LT 4 2 0.5 1 1 24 16+98 13.2' LT 4 2 0.5 1 1 24 19+15 11.2' LT 4 2 0.5 1 1 24					BASE AGGREGATE			COVER PLATES	SAWING		
$\begin{array}{c c c c c c c c c c c c c c c c c c c $											
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	CATEGORY	STATION	OFFSET								
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$											
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0010										
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		14+59	15.2' LT	4	2	0.5	1	1	24		
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		16+98	13.2' LT	4	2	0.5	1	1	24		
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		17+92	12.9' LT	4	2	0.5	1	1	24		
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		19+15	11.2' LT	4	2		1	1	24		
23+60 12.5' LT 4 2 0.5 1 1 24 CATEGORY 0010 TOTALS 32 14 4 8 8 192 CATEGORY 0010 TOTALS 32 14 4 8 8 192 0020 1 24 1 14+02 6.1' RT 4 2 0.5 1 24 1 12+07 4.5' RT 4 2 0.5 1 24 1 0020 1 24 1 1 24 1 1 24 1 1 1 24 1 1 24 1		20+85		4	2		1	1			
32+41 12.6' LT 4 2 0.5 1 1 24 CATEGORY 0010 TOTALS 32 14 4 8 8 192 0020 1 24 1 14+02 6.1' RT 4 2 0.5 1 24 1 17+15 11.0' RT 4 2 0.5 1 24 1 20+07 3.3' RT 1 24 1 20+08 11.1' RT 4 2 0.5 1 24 1 20+08 11.1' RT 4 2 0.5 1 24 1 20+15 12.3' RT 1 24 1 20+15 12.3' RT 1 20+34 3.7' RT 1 25+58 9.5' RT 4 2 0.5 1 24 1		22+38	13.0' LT	4	2		1	1			
CATEGORY 0010 TOTALS 32 14 4 8 8 192 0020 12+07 4.5' RT 4 2 0.5 1 24 1 14+02 6.1' RT 4 2 0.5 1 24 1 17+15 11.0' RT 4 2 0.5 1 24 1 20+07 3.3' RT 1 24 1 20+07 3.3' RT 1 24 1 20+08 11.1' RT 4 2 0.5 1 24 1 20+15 12.3' RT 1 1 20+15 12.3' RT 1 20+15 12.3' RT 1 23+79 11.4' RT 4 2 0.5 1 24 1 25+58 9.5' RT 4 2 0.5		23+60	12.5' LT	4	2	0.5	1	1	24		
0020 12+07 4.5' RT 4 2 0.5 1 24 1 14+02 6.1' RT 4 2 0.5 1 24 1 17+15 11.0' RT 4 2 0.5 1 24 1 20+07 3.3' RT 1 24 1 20+08 11.1' RT 4 2 0.5 1 24 1 20+15 12.3' RT 1 24 1 20+15 12.3' RT 1 24 1 20+34 3.7' RT 1 24 1 23+79 11.4' RT 4 2 0.5 1 24 1 25+58 9.5' RT 4 2 0.5 1 24 1 25+98 1.0' LT 1		32+41	12.6' LT	4	2	0.5	1	1	24		
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	CATEGORY	0010 TOTAL	S	32	14	4	8	8	192		
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0020										
17+15 11.0' RT 4 2 0.5 1 24 1 20+07 3.3' RT 1 24 1 20+08 11.1' RT 4 2 0.5 1 24 1 20+08 11.1' RT 4 2 0.5 1 24 1 20+15 12.3' RT 1 24 1 20+34 3.7' RT 1 24 1 23+79 11.4' RT 4 2 0.5 1 24 1 25+58 9.5' RT 4 2 0.5 1 24 1 25+98 1.0' LT 1 24 1 1 25+98 1.0' LT 1 CATEGORY 0020 TOTALS 24 11		12+07	4.5' RT	4	2	0.5		1	24	1	
17+15 11.0' RT 4 2 0.5 1 24 1 20+07 3.3' RT 1 20+08 11.1' RT 4 2 0.5 1 24 1 20+08 11.1' RT 4 2 0.5 1 24 1 20+15 12.3' RT 1 24 1 20+34 3.7' RT 1 23+79 11.4' RT 4 2 0.5 1 24 1 25+58 9.5' RT 4 2 0.5 1 24 1 25+98 1.0' LT 1 24 1 25+98 1.0' LT 1 CATEGORY 0020 TOTALS 24 11 3 6 144 6 4		14+02	6.1' RT	4	2	0.5		1	24	1	
20+08 11.1' RT 4 2 0.5 1 24 1 20+15 12.3' RT 1 20+34 3.7' RT 1 20+34 3.7' RT 1 23+79 11.4' RT 4 2 0.5 1 24 1 25+58 9.5' RT 4 2 0.5 1 24 1 25+98 1.0' LT 1 24 1 CATEGORY 0020 TOTALS 24 11 3 6 144 6 4		17+15	11.0' RT	4				1		1	
20+15 12.3' RT 1 20+34 3.7' RT 1 1 23+79 11.4' RT 4 2 0.5 1 24 1 25+58 9.5' RT 4 2 0.5 1 24 1 25+98 1.0' LT 1 24 1 CATEGORY 0020 TOTALS 24 11 3 6 144 6 4		20+07	3.3' RT								1
20+34 3.7'RT 1 1 1 23+79 11.4'RT 4 2 0.5 1 24 1 25+58 9.5'RT 4 2 0.5 1 24 1 25+98 1.0'LT 1 CATEGORY 0020 TOTALS 24 11 3 6 144 6 4		20+08	11.1' RT	4	2	0.5		1	24	1	
23+79 11.4' RT 4 2 0.5 1 24 1 25+58 9.5' RT 4 2 0.5 1 24 1 25+58 9.5' RT 4 2 0.5 1 24 1 25+98 1.0' LT 1 CATEGORY 0020 TOTALS 24 11 3 6 144 6 4		20+15	12.3' RT								1
25+58 9.5' RT 4 2 0.5 1 24 1 25+98 1.0' LT 1 24 1 CATEGORY 0020 TOTALS 24 11 3 6 144 6 4		20+34	3.7' RT								1
25+98 1.0' LT 1 CATEGORY 0020 TOTALS 24 11 3 6 144 6 4		23+79	11.4' RT	4	2	0.5		1	24	1	
25+98 1.0' LT 1 CATEGORY 0020 TOTALS 24 11 3 6 144 6 4		25+58	9.5' RT	4	2	0.5		1	24	1	
		25+98	1.0' LT								1
TOTALS 56 25 7 8 14 336 6 4	CATEGORY	0020 TOTAL	S	24	11	3		6	144	6	4
	TOTALS			56	25	7	8	14	336	6	4

*ADDITIONAL QUANTITES SHOWN ELSEWHERE

		TRAF	FIC CON	ITROL ITE	MS							
			643	.0300	643	.0420		0705 CONTROL	643.	0900	643.	1050
		STAGE			TRAFFIC CONTROL			G LIGHTS	TRAFFIC		TRAFFIC CONTROL	
		DURATION	CONTRO	<u>L DRUMS</u>	BARRICAL	DES TYPE III	IYF	TYPE A		CONTROL SIGNS		PCMS
CATEGORY	LOCATION	DAYS	NO.	DAY	NO.	DAY	NO.	DAY	NO.	DAY	NO.	DAY
0010												
	PRIOR TO CONSTRUCTION	7	8	56							2	14
	PROJECT ADVANCED WARNING & STH 52 TURN LANE CLOSURES	25	30	750	8	200	16	400	23	575		
	PAVEMENT REMOVAL AND PAVING OPERATION	14	25	350					4	56		
TOTALS				1,156		200		400		631		14

PROJECT NO: 6999-18-78	HWY: NORTH 18TH STREET	COUNTY: MARATHON		MISCELLANEOUS QUANTITIES			
FILE NAME : P:\55XX\5501.DP.22.18TH.MAR\CADDS\#######\\$HEETS\030201-MQ.DW	/G	PLOT DATE :	8/29/2022 8:39 AM	PLOT BY :	DREW NELSON	PLOT NAME :	

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				Ţ	EMPORAR	Y PEDESTRIAN		ATION ITEM	<u>S</u>										
	-	CATEGOR	Y STATION		DURATION	TEMPORARY PEDESTRIAN BARRICADE	TEMPORARY PEDESTRIAN SURFACE PLATE	TEMPORAR) CURB	Y PEDESTRIAN 8 RAMP	TEMPORARY PEDESTRIAN WARNING FIELD					CATEGORY		NUMBER	SIGN SIZE 643. W X H	
NUMBER NUMER NUMER NUMER <th></th> <th></th> <th>10+75 28+05</th> <th>RT LT&RT</th> <th></th> <th></th> <th>180</th> <th>2</th> <th>50</th> <th>20</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>STH 52 EB/WB ADVANCED W.</th> <th>ARNING 2</th> <th></th> <th></th>			10+75 28+05	RT LT&RT			180	2	50	20						STH 52 EB/WB ADVANCED W.	ARNING 2		
MARKEN UND MARKEN UND INTERNATIONAL INFORMATION INTERNATIONAL INFORMATION INFORMATION INTERNATIONAL INFORMATIONI INFORMATION INFORMATION INTERNATIONAL INFORMATION INF	1																		
NUMBER NUMER NUMER NUMER <td></td>																			
MANUAL VIEW NO. MANUA VIEW NO. MANUA VIEW																			
MARCING WORK MARCING WARK MARCING WARK<										646.5120					646,9000	646.9100	646,9200	646.9	9300
Image: state set at the set of the NUMBER IN AND LINE LINE SET IS A 12 2 2 17 100 50 17 1 TOPA_S 2 2 2 37 100 50 27 1 TOPA_S 2 4 37 83 100 50 37 1 TOPA_S 2 4 37 83 100 50 37 1 TOPA_S 2 4 37 83 100 50 37 1 CONSTRUCTION STAKING ITEMS 55,000 56,3000 56,3000 56,3000 50,000 50				CATEGORY		LOCATIO	DN	STATION	TO STATION	MARKING WORD EPOXY	MARKING ARROW EPOXY	MARKING STO EPOXY 12-IN	P LINE MARI	ING CROSSWALK EPO	X MARKING REM	OVAL MARKING REMOVAL	MARKING REMOVA	L MARKING SPECIAL N	REMOVAL MARKING
LONG LINE PAVEMENT MARKING ITEMS 666.2020 666.2020 666.2020 666.2020 colspan="2">colspan="2"colspan=""2"colspan="																			
CONSTRUCTION STATION CONSTRUCTION STATION CONSTRUCTION STATION CONSTRUCTION STATION CONSTRUCTION STATION CATEGORY LOCATION STATION OF STATION				TOTALS						2	4	37		83	100	50	37	1	1
CONSTRUCTION STATION CONSTRUCTION STATION CONSTRUCTION STATION CONSTRUCTION STATION CONSTRUCTION STATION CATEGORY LOCATION STATION OF STATION																			
CONSTRUCTION STATION CONSTRUCTION STATION CONSTRUCTION STATION CONSTRUCTION STATION CONSTRUCTION STATION CATEGORY LOCATION STATION OF STATION																			
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CONSTRUCTION STATION CONSTRUCTION STATION CONSTRUCTION STATION CONSTRUCTION STATION CONSTRUCTION STATION CATEGORY LOCATION STATION OF STATION																			
MARKING LINE POXY & INCH MARKING					LONG	ELINE PAVEM	IENT MARKING										TRUCTION STAKING	ITEMS	
CATEGORY LOCATION STATION OFFSET LF SOLID WHITE VELLOW SOLID WHITE VELLOW SOLID WHITE MEPERALCE B999-18-78 0010 N. 18TH STREET 10+35 - 33+83 LT&RT 75 2,500 4,560 384 - <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>XY 4-INCH</th> <th>MARKING LINE EPOXY 8-INCH</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>CONSTRUC STAKING RESU</th> <th>TION CON</th> <th>STRUCTION STAKING</th>									XY 4-INCH	MARKING LINE EPOXY 8-INCH							CONSTRUC STAKING RESU	TION CON	STRUCTION STAKING
010 N. 18TH STREET 10+35 - 33+83 LT&RT 7,5 2,500 4,560 384 TOTALS - - - 1 - 1 PROJECT NO: 6999-18-78 HWY: NORTH 18TH STREET COUNTY: MARATHON MISCELLANEOUS QUANTITIES MISCELLANEOUS QUANTITIES		CATEGORY	LOCATION	STATIC	ON TO STA	ATION OFFSET	SKIP WHITE		E YELLOW	V SOLID WHITE						Y STATION TO STATION (
7,135 IOTALS 2,500 1 PROJECT NO: 6999-18-78 HWY: NORTH 18TH STREET COUNTY: MARATHON MISCELLANEOUS QUANTITIES		N	N. 18TH STREET	T 10+3	5 - 33	3+83 LT&RT	75	2,500	4,560	384					0100)	
		TOTALS					75		4,560	384					TOTALS		2,300)	1
FILE NAME : P:\55XX\5501.DP.22.18TH.MAR\CADDS\########\SHEETS\030201-MQ.DWG PLOT DATE : 8/29/2022 8:39 AM PLOT BY : DREW NELSON PLOT NAME : PLOT SCALE : 1" = 1'							RTH 18TH ST	REET		COUNTY: MA						ES PLOT NAME :		PLOT SCALE	: 1" = 1'

FILE NAME : P:\55XX\5501.DP.22.18TH.MAR\CADDS\#######\SHEETS\030201-MQ.DWG LAYOUT NAME - 03

PLOT BY : DREW NELSON PLOT DATE : 8/29/2022 8:39 AM

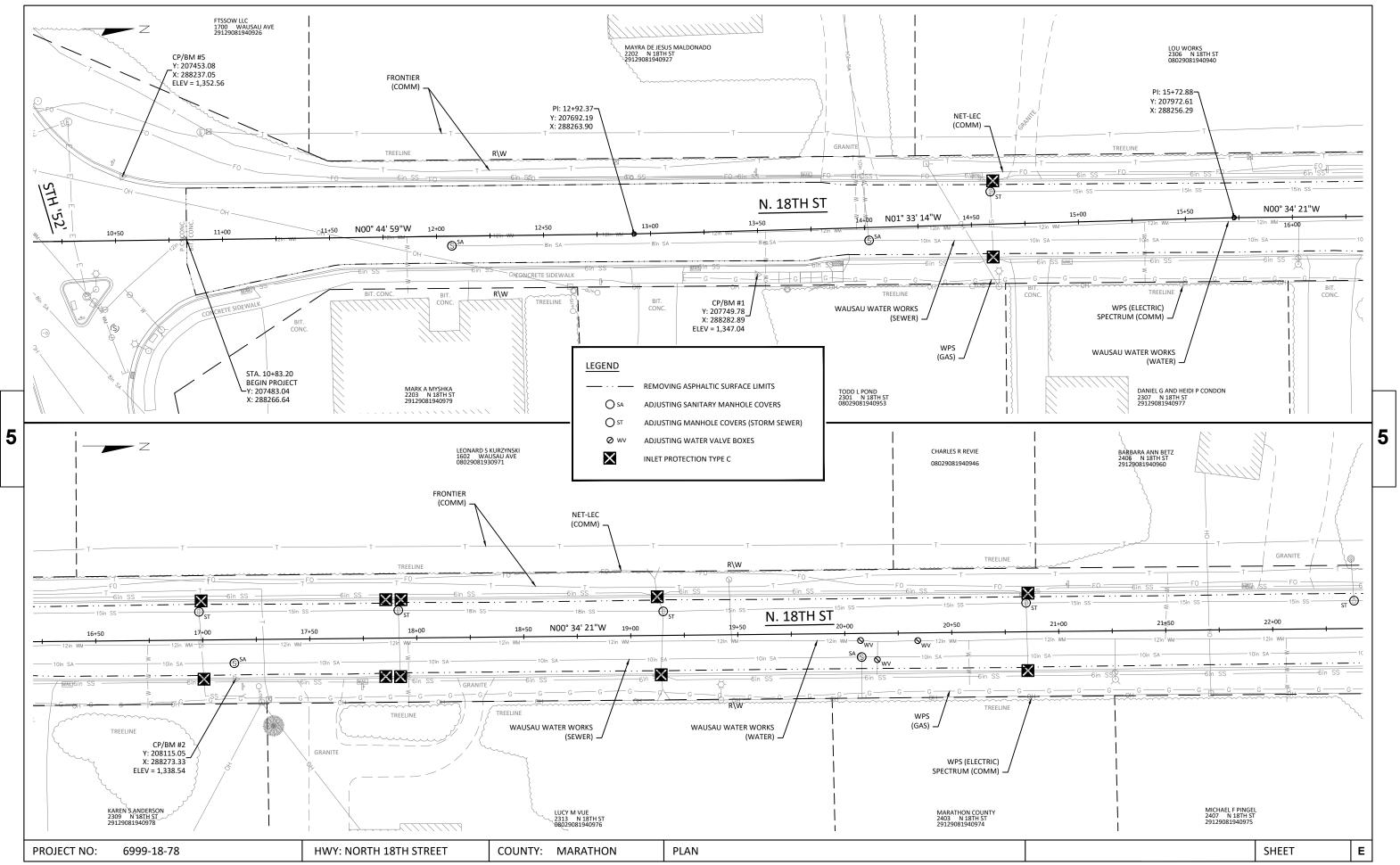
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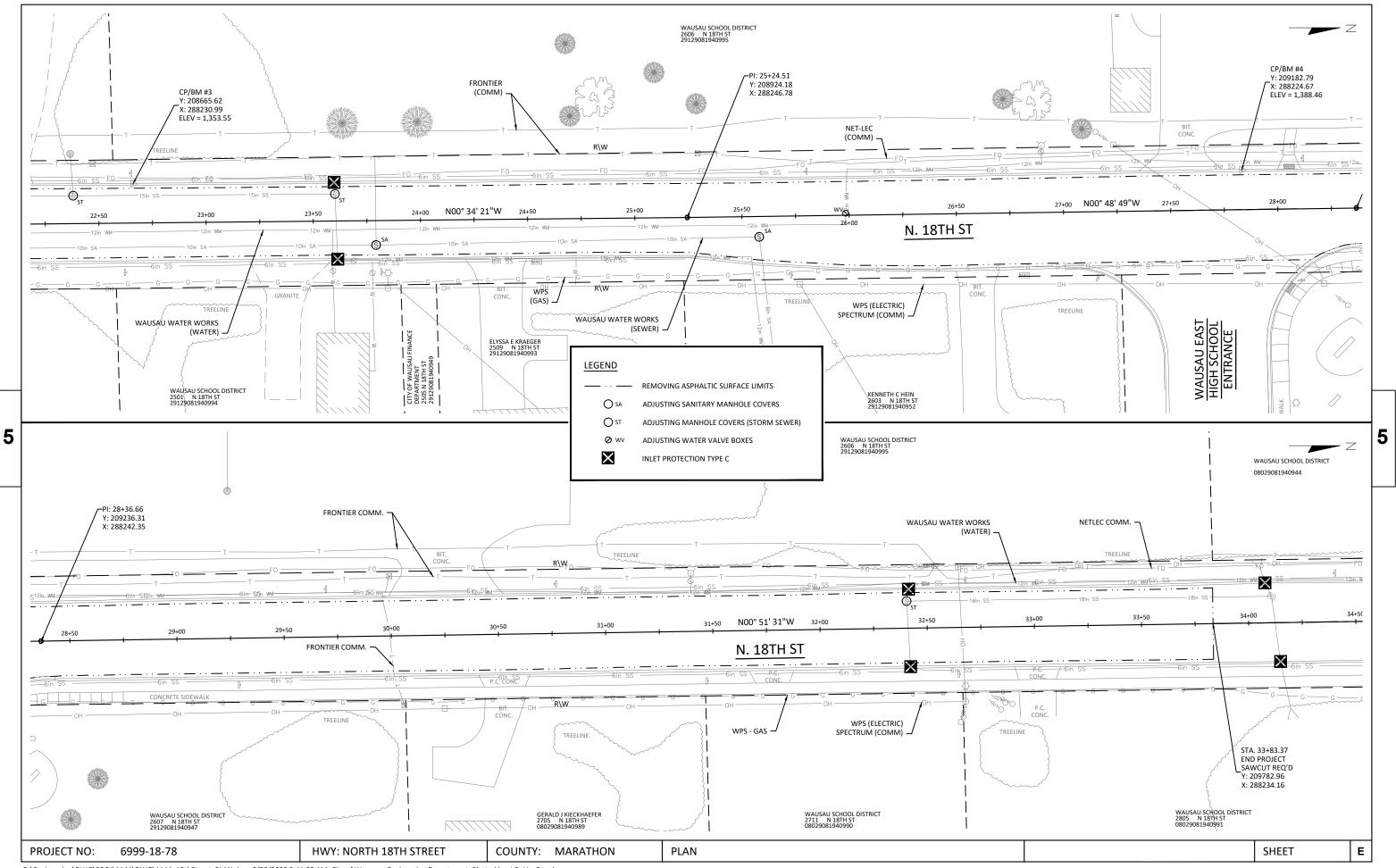
PLOT SCALE : 1" = 1'

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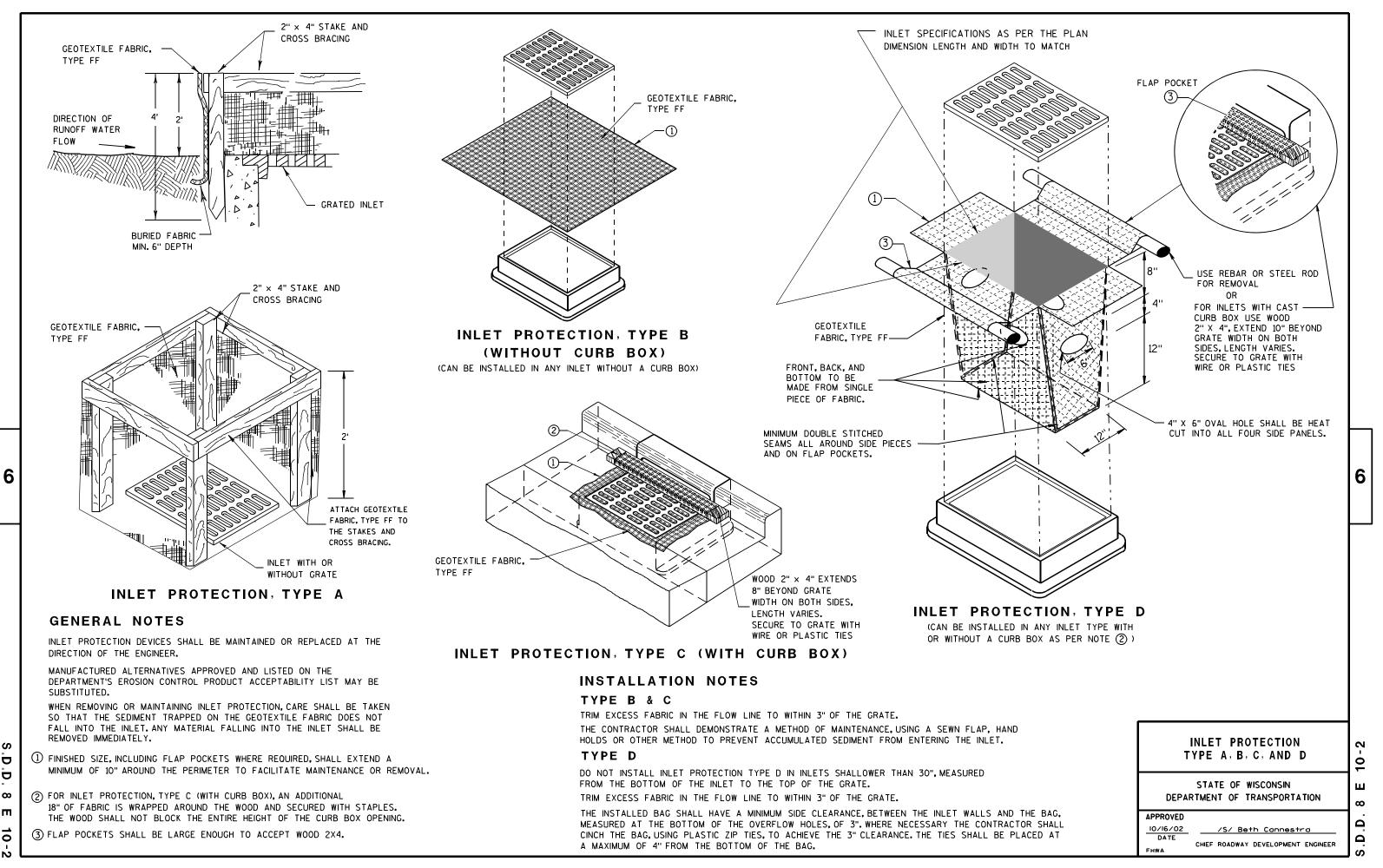




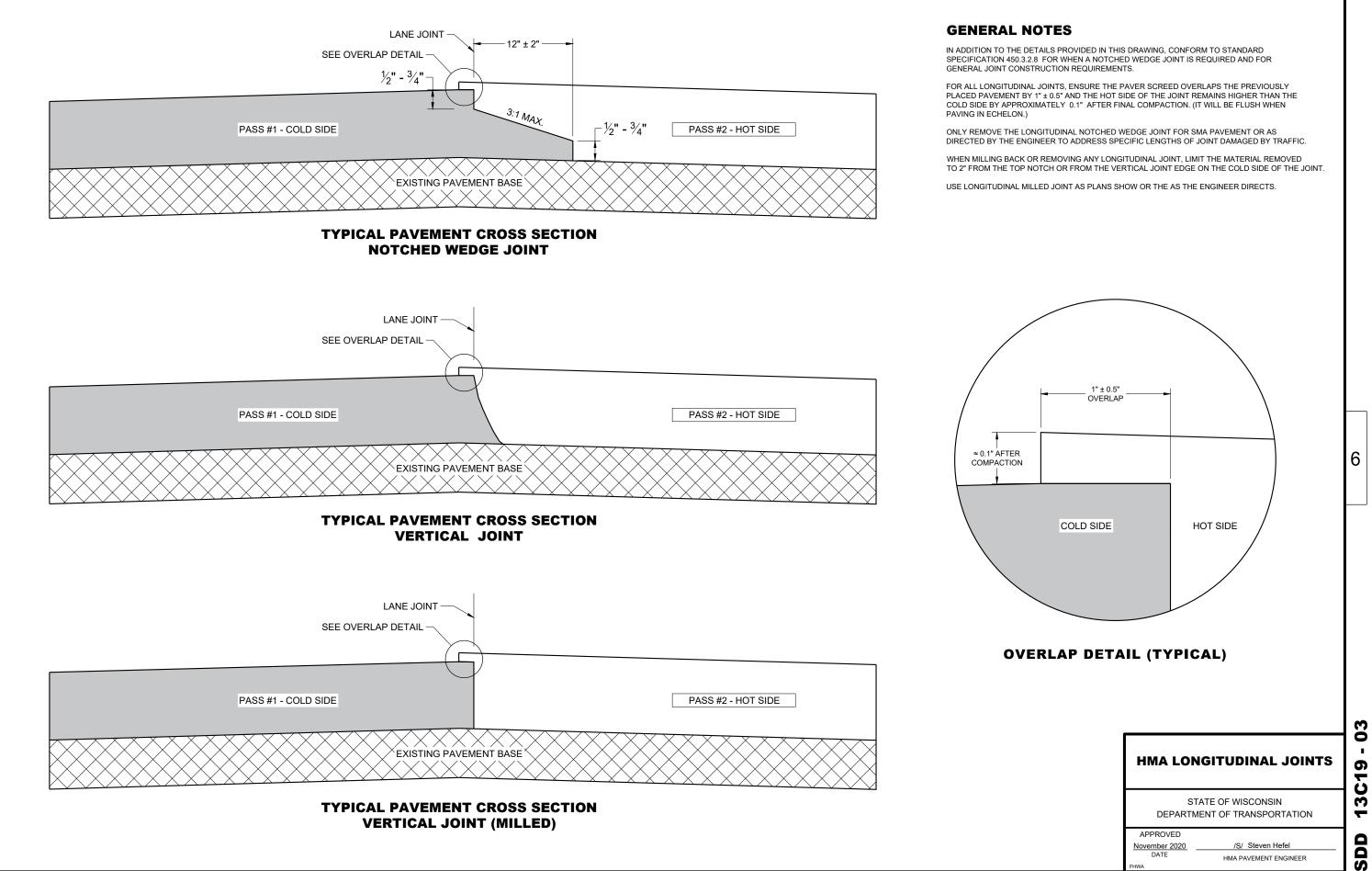
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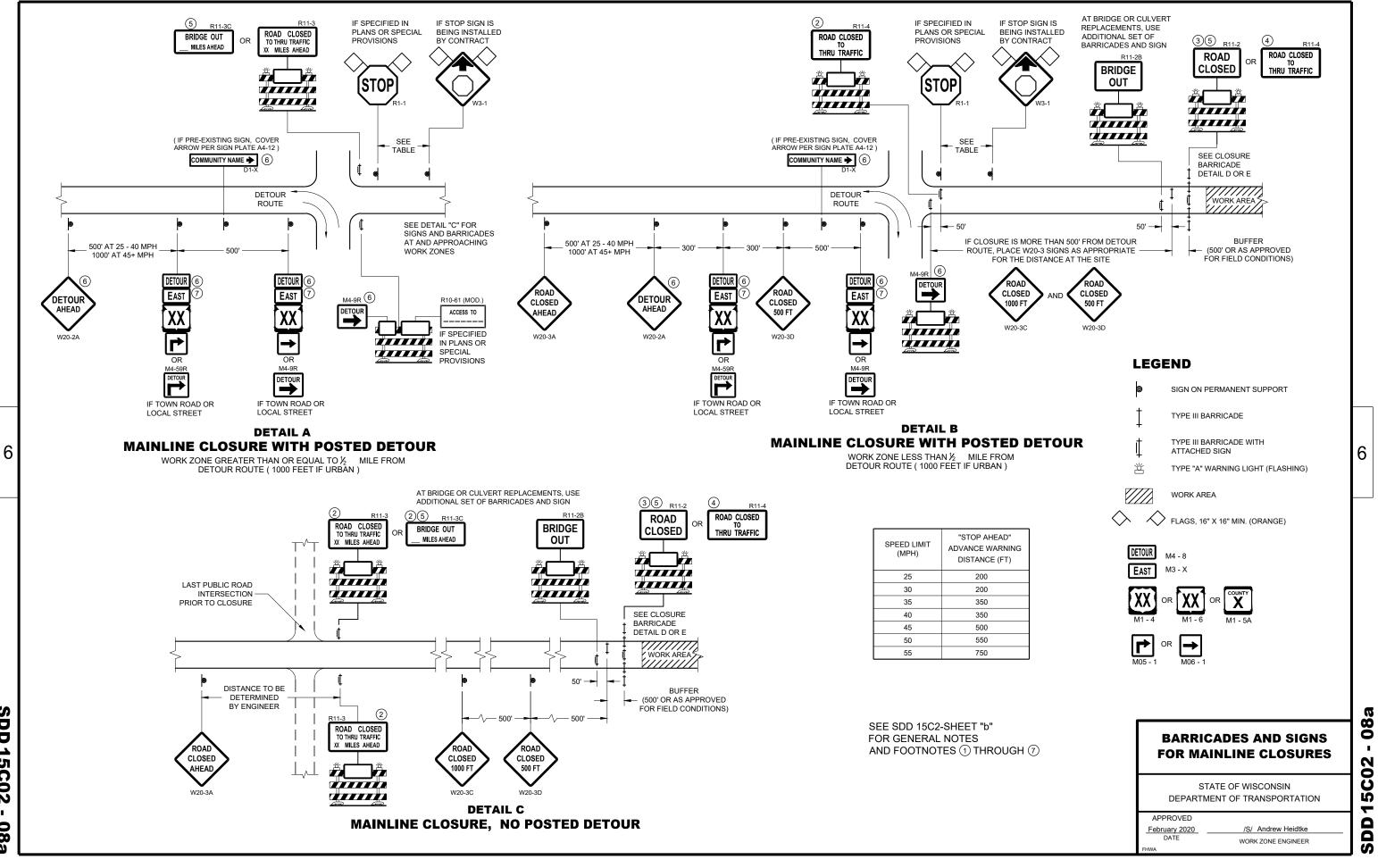
Standard Detail Drawing List

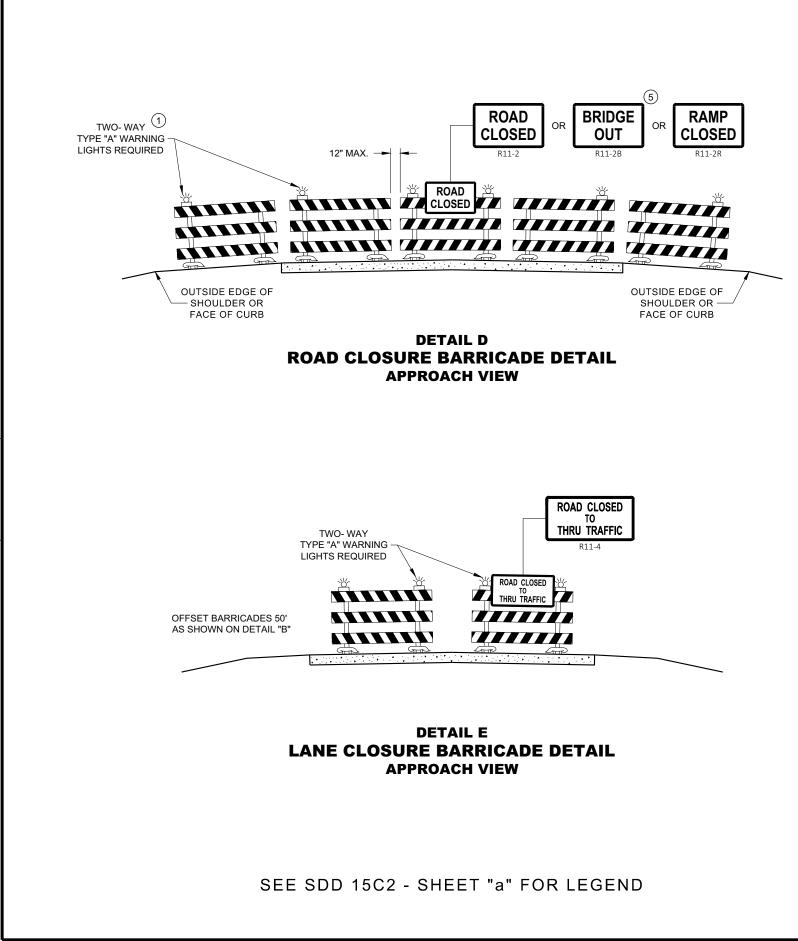
08E10-02	INLET PROTECTION TYPE A, B, C AND D
13C19-03	HMA LONGITUDINAL JOINTS
15C02-08A	BARRICADES AND SIGNS FOR MAINLINE CLOSURES
15С02-08в	BARRICADES AND SIGNS FOR VARIOUS CLOSURES
15C03-05	BARRICADES AND SIGNS FOR SIDEROAD CLOSURES
15C05-05	TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40 M.P.H. OR LESS
15С07-15В	PAVEMENT MARKING WORDS
15c07-15c	PAVEMENT MARKING ARROWS
15C08-21A	LONGITUDINAL MARKING (MAINLINE)
15C08-21D	PAVEMENT MARKING (TURN LANES)
15С11-09В	CHANNELIZING DEVICES DRUMS, CONES, BARRICADES AND VERTICAL PANELS
15C12-09A	TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION
15C33-04	STOP LINE AND CROSSWALK PAVEMENT MARKING
15C35-05A	PAVEMENT MARKING (INTERSECTIONS)
15D30-07A	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-07в	TRAFFIC CONTROL, TEMPORARY ADA COMPLIANT PEDESTRIAN ACCOMMODATION
15D30-07C	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-07D	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-07E	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-07F	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-07G	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-07H	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-07I	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-07J	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D39-02	
15D45-03	TRAFFIC CONTROL, SIGNING ON ROADWAYS WITH LOOSE GRAVEL



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GENERAL NOTES

FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

SUPPORTS.

FULL ROAD CLOSURES.

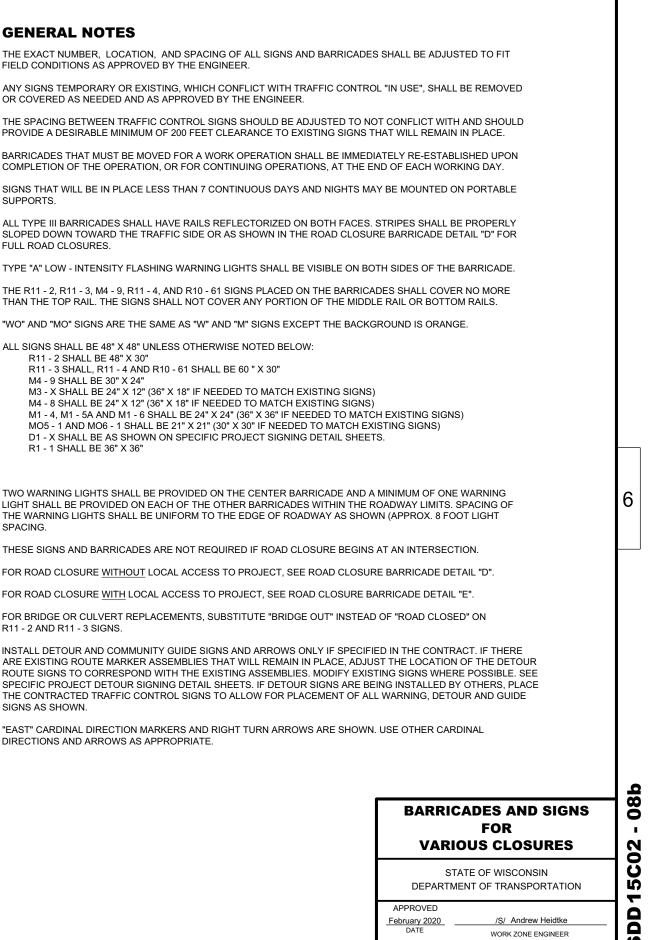
THAN THE TOP RAIL. THE SIGNS SHALL NOT COVER ANY PORTION OF THE MIDDLE RAIL OR BOTTOM RAILS.

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

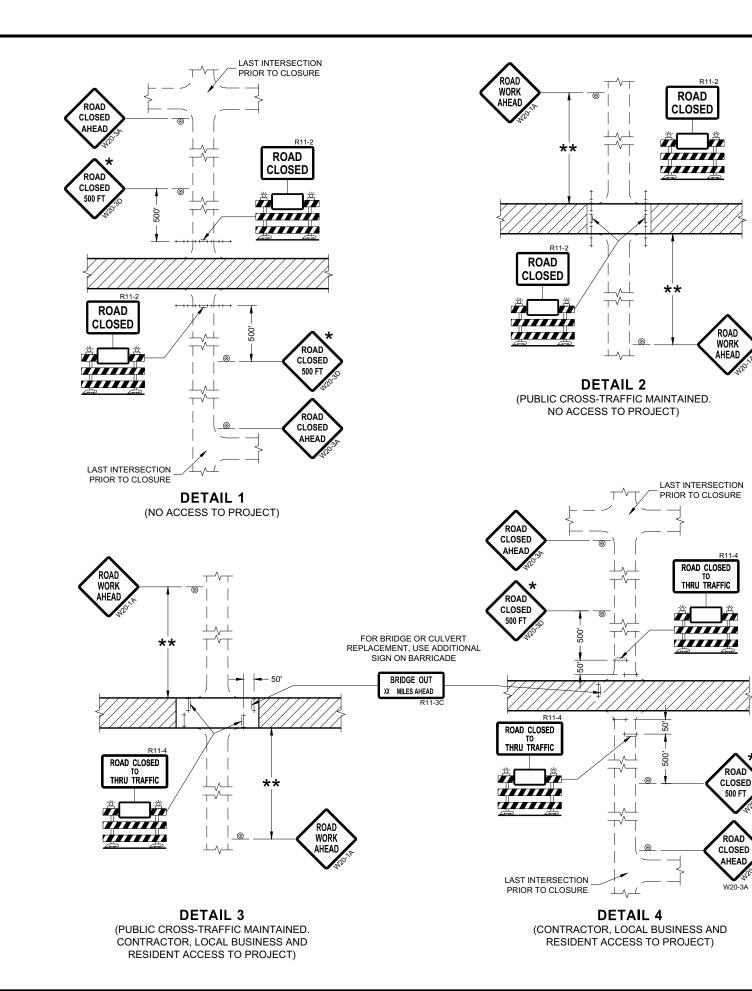
- ALL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED BELOW: R11 - 2 SHALL BE 48" X 30"
 - R11 3 SHALL, R11 4 AND R10 61 SHALL BE 60 " X 30" M4 - 9 SHALL BE 30" X 24"
 - M3 X SHALL BE 24" X 12" (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS)
 - M4 8 SHALL BE 24" X 12" (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS)

 - D1 X SHALL BE AS SHOWN ON SPECIFIC PROJECT SIGNING DETAIL SHEETS.
 - R1 1 SHALL BE 36" X 36"
- (1)TWO WARNING LIGHTS SHALL BE PROVIDED ON THE CENTER BARRICADE AND A MINIMUM OF ONE WARNING THE WARNING LIGHTS SHALL BE UNIFORM TO THE EDGE OF ROADWAY AS SHOWN (APPROX. 8 FOOT LIGHT SPACING
- (2) THESE SIGNS AND BARRICADES ARE NOT REQUIRED IF ROAD CLOSURE BEGINS AT AN INTERSECTION.
- (3) FOR ROAD CLOSURE WITHOUT LOCAL ACCESS TO PROJECT, SEE ROAD CLOSURE BARRICADE DETAIL "D".
- (4) FOR ROAD CLOSURE WITH LOCAL ACCESS TO PROJECT, SEE ROAD CLOSURE BARRICADE DETAIL "E".
- (5) FOR BRIDGE OR CULVERT REPLACEMENTS, SUBSTITUTE "BRIDGE OUT" INSTEAD OF "ROAD CLOSED" ON R11 - 2 AND R11 - 3 SIGNS.
- (6) INSTALL DETOUR AND COMMUNITY GUIDE SIGNS AND ARROWS ONLY IF SPECIFIED IN THE CONTRACT. IF THERE SIGNS AS SHOWN.
- (7)"EAST" CARDINAL DIRECTION MARKERS AND RIGHT TURN ARROWS ARE SHOWN. USE OTHER CARDINAL DIRECTIONS AND ARROWS AS APPROPRIATE.

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GENERAL NOTES

AS APPROVED BY THE ENGINEER.

NEEDED AND AS APPROVED BY THE ENGINEER.

SIGN REMOVAL, OR A FLAGGER SHALL BE PROVIDED UNTIL THE SIGN IS REESTABLISHED.

THE OPERATION OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

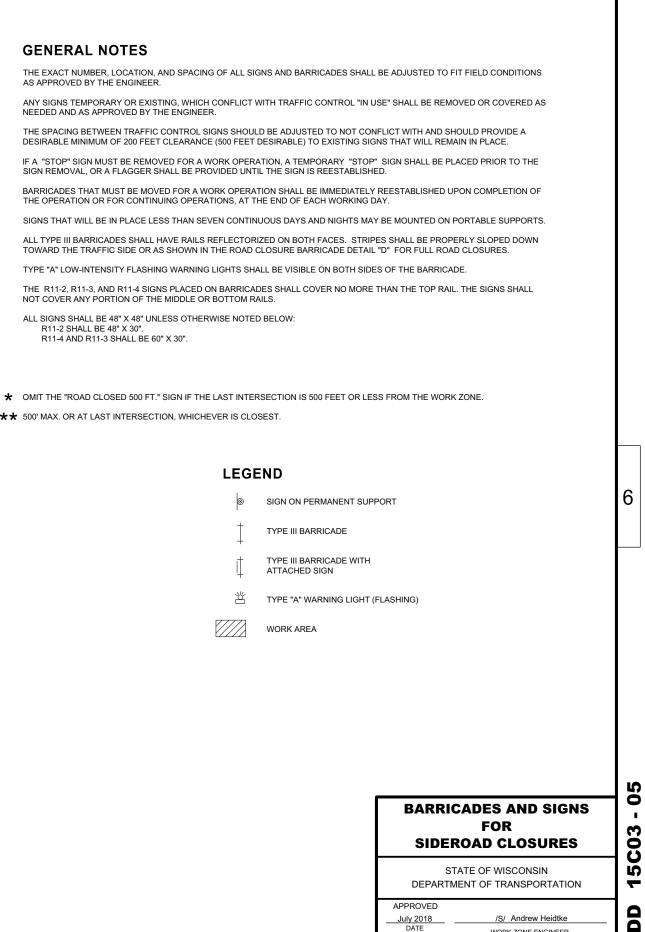
NOT COVER ANY PORTION OF THE MIDDLE OR BOTTOM RAILS.

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".

★★ 500' MAX. OR AT LAST INTERSECTION, WHICHEVER IS CLOSEST.

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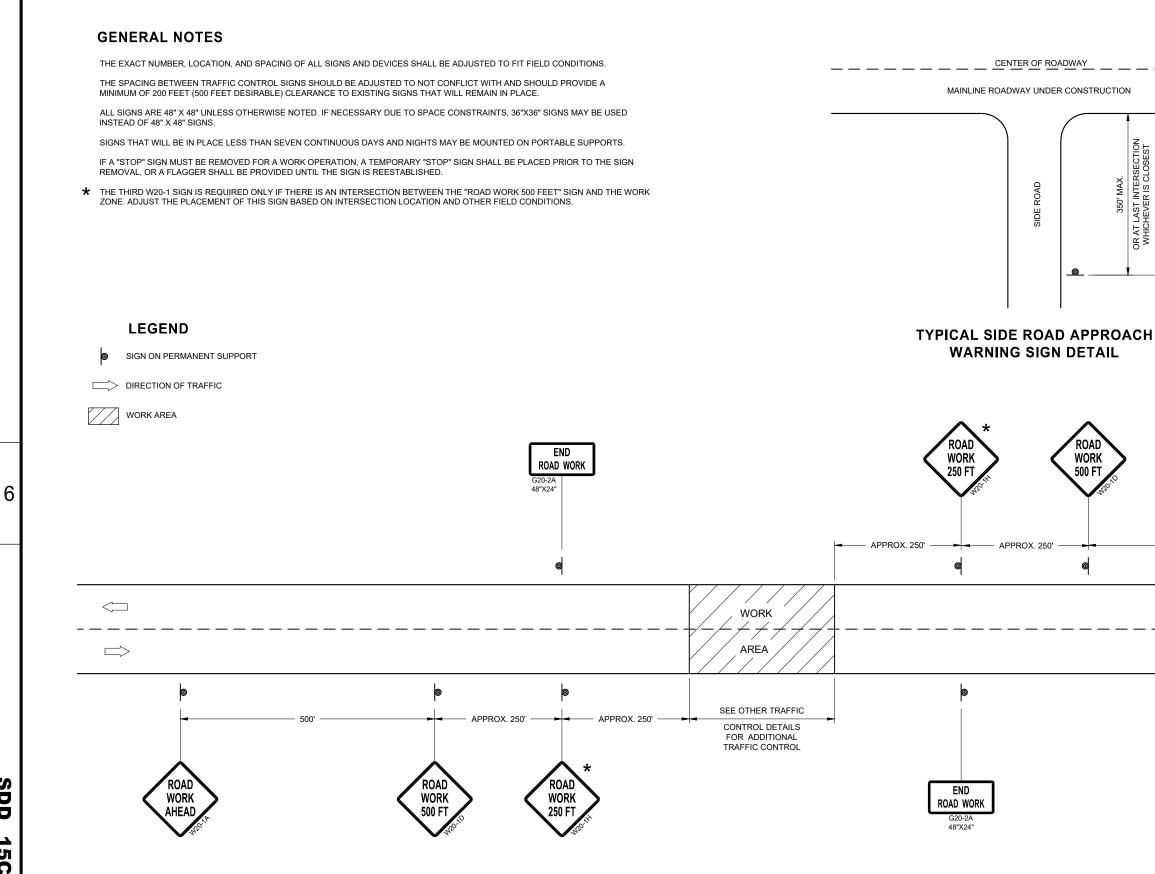




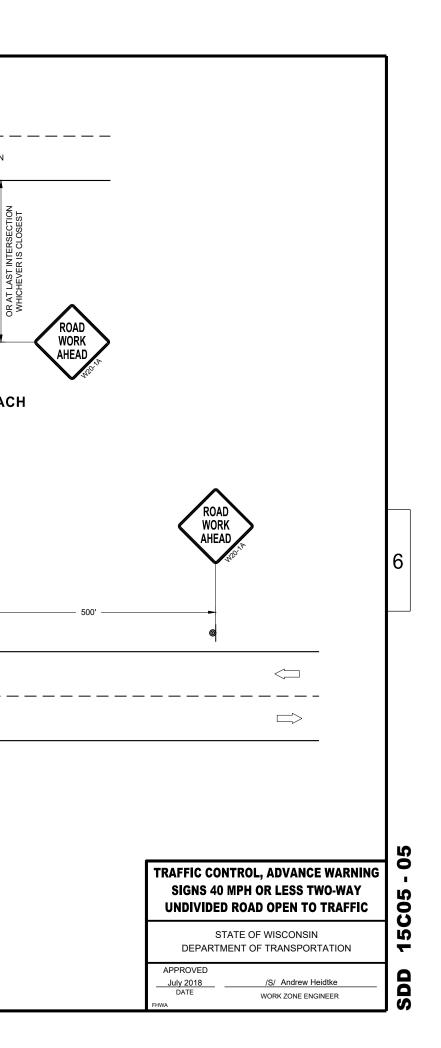
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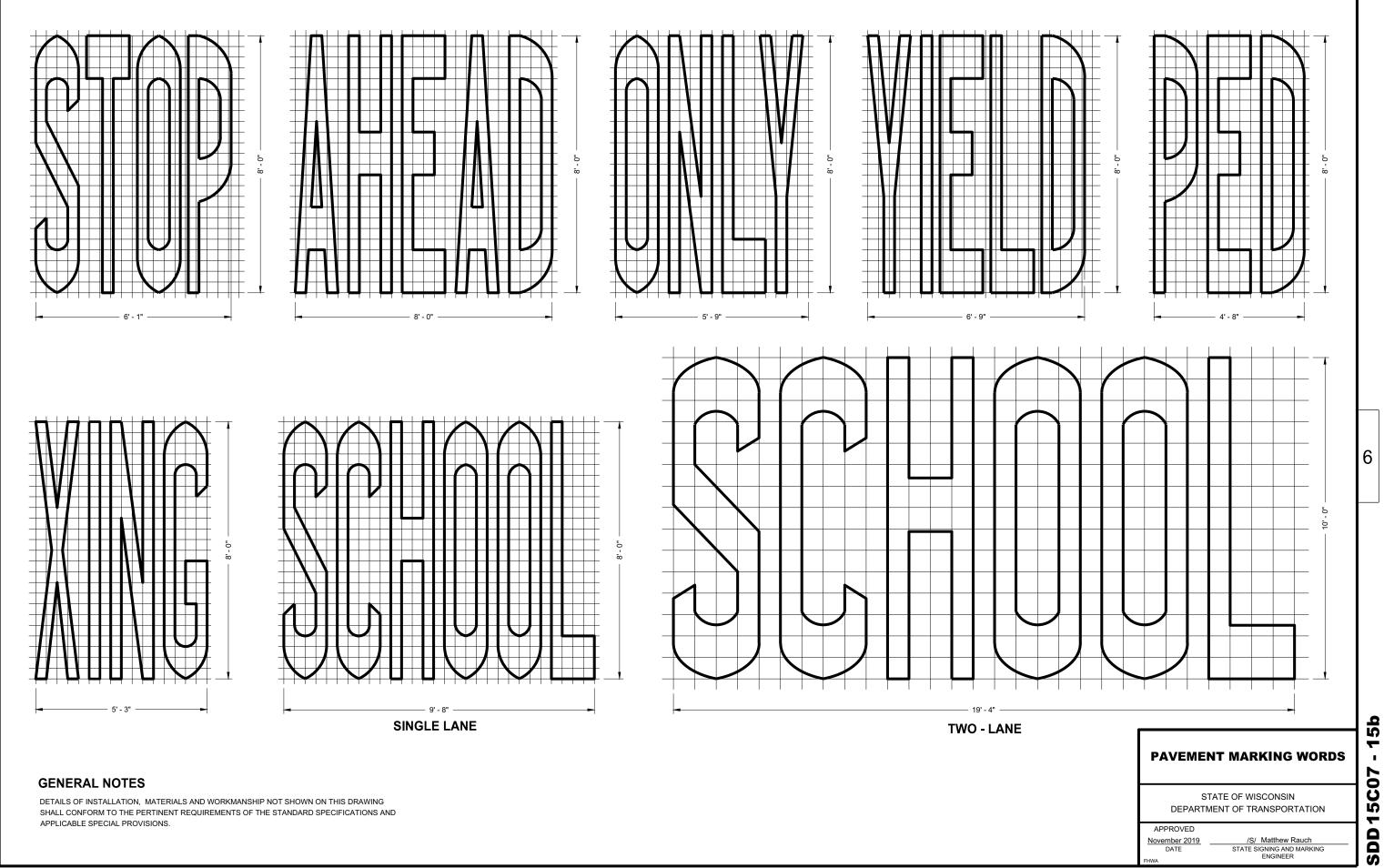
WORK ZONE ENGINEER

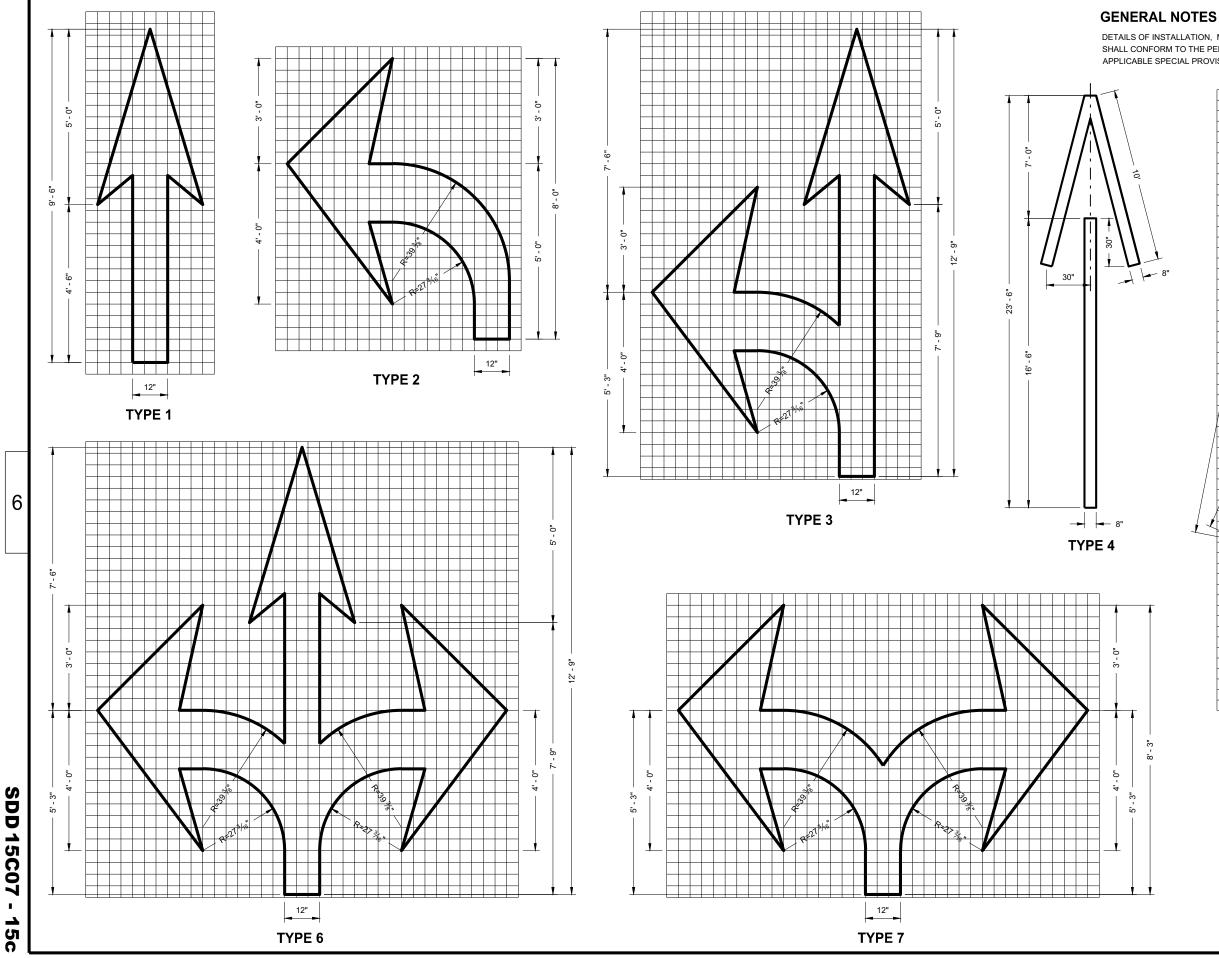
July 2018 DATE



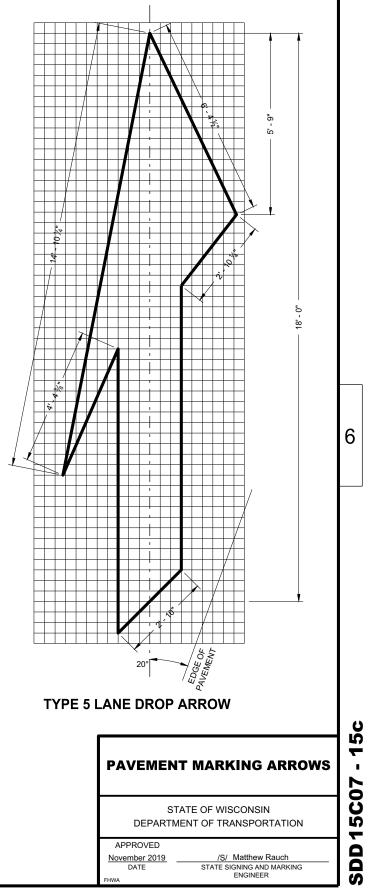
TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40MPH OR LESS

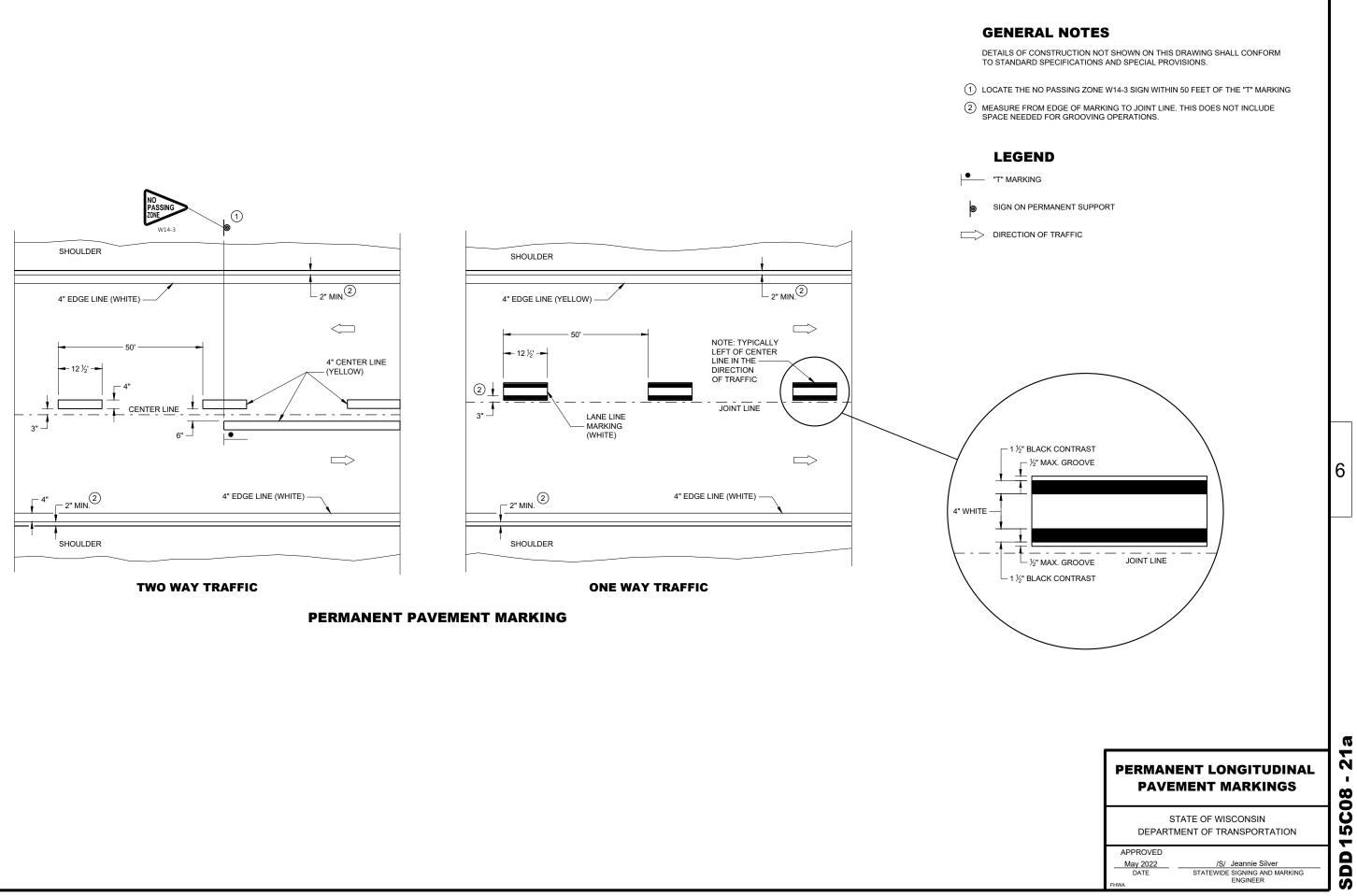






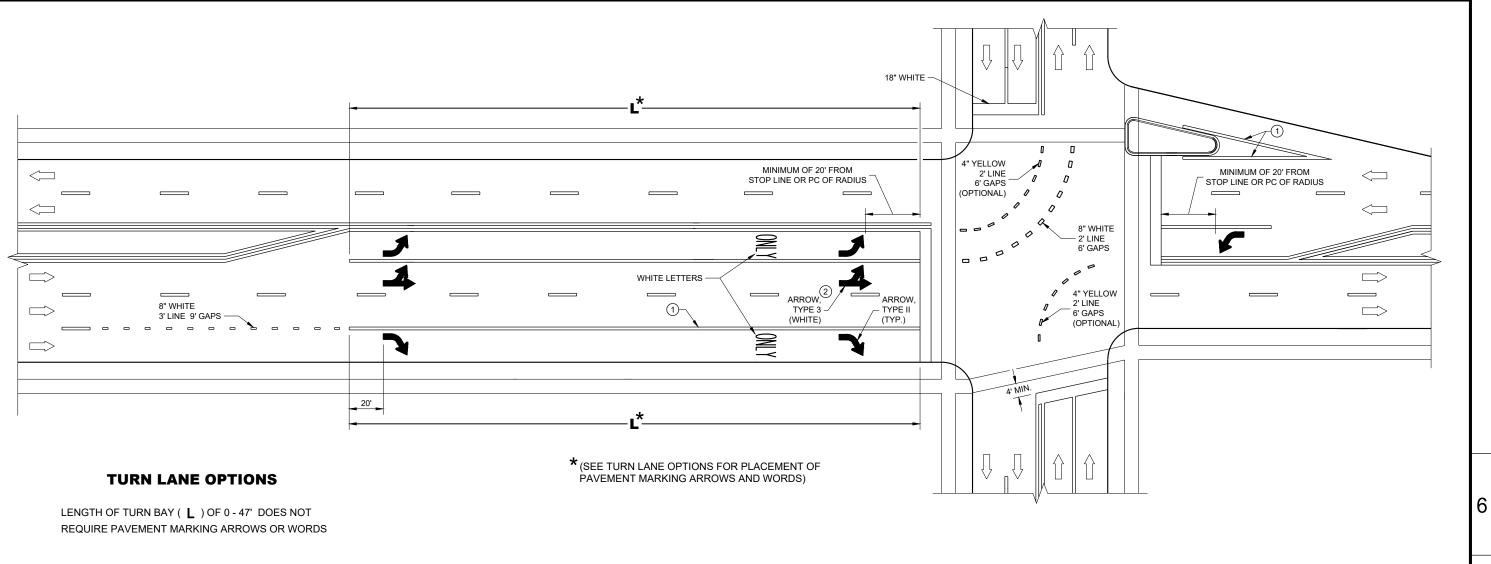
DETAILS OF INSTALLATION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.





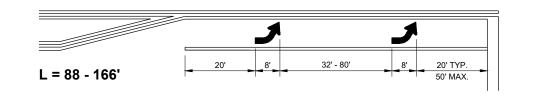




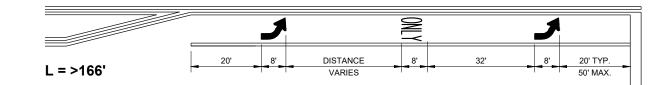




- SEPARATION IN THE SAME DIRECTION OF TRAVEL, THE ARROWS AND "ONLY" MARKING MAY BE ELIMINATED.
- DIRECTION OF TRAFFIC
 - = LENGTH OF TURN BAY



L = 48 - 87'



DISTANCE

VARIES

SDD 15C08 21d

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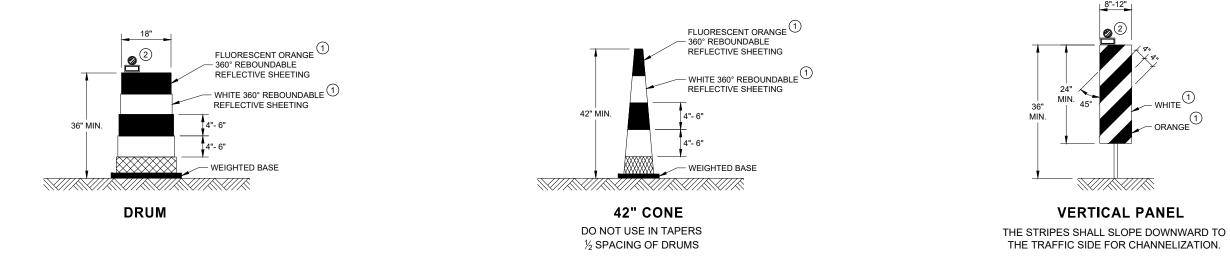
(2) QUANTITY AND LOCATION OF TYPE 3 ARROWS ARE THE SAME AS THE TYPE II ARROWS IN THE ADJACENT TURN LANE. FOR TURN LANES WITH A PHYSICAL

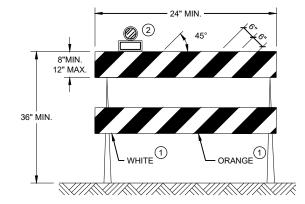
PAVEMENT MARKING (TURN LANES)

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

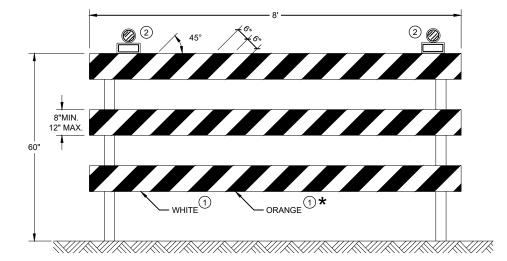
- (2) LOCATION OF WARNING LIGHTS WHEN SHOWN ON THE PLAN.





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.

(1) REFLECTIVE SHEETING SHALL FOLLOW THE REQUIREMENTS IN THE APPROVED PRODUCTS LISTING FOR SIGN SHEETING.

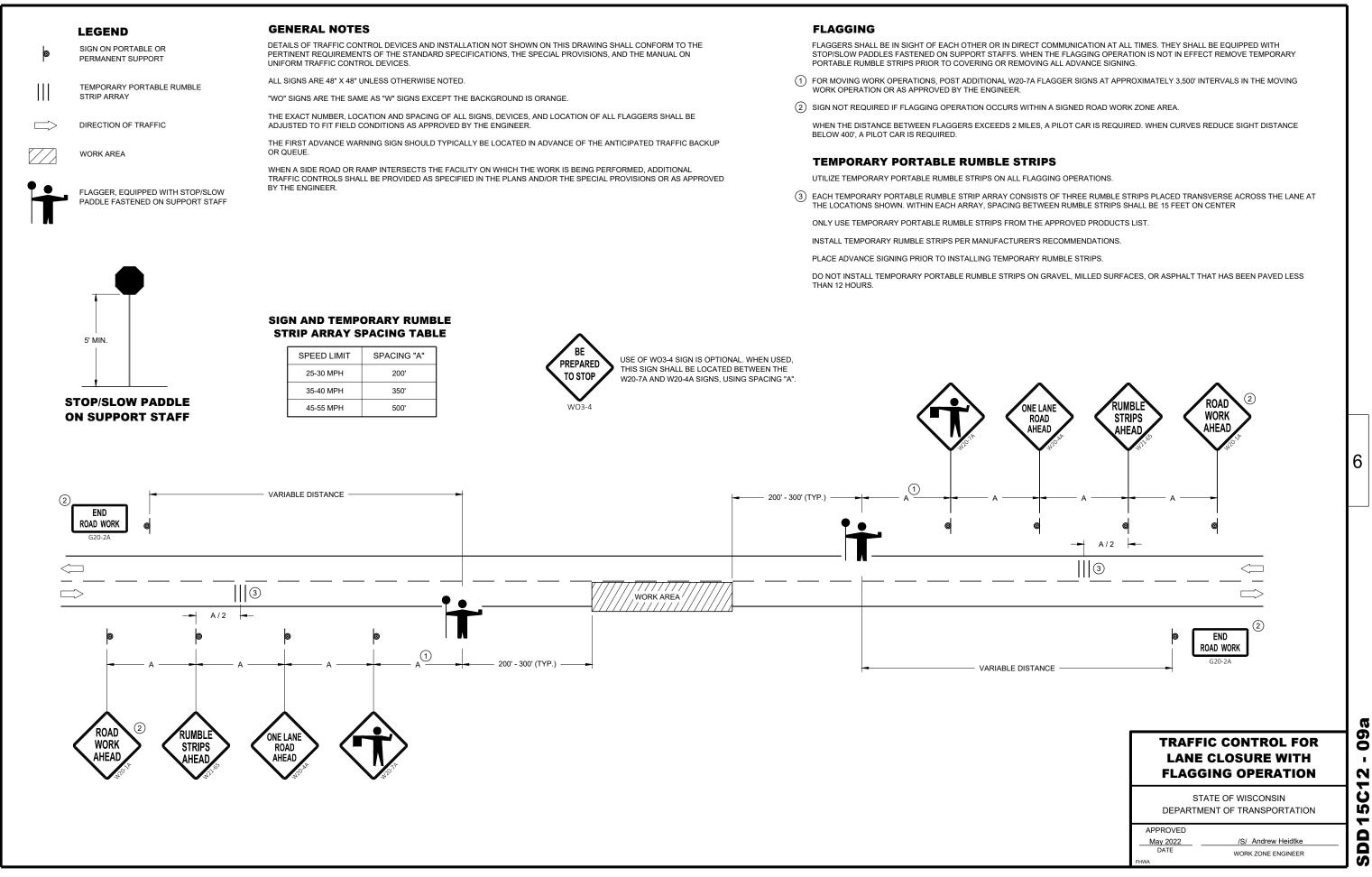
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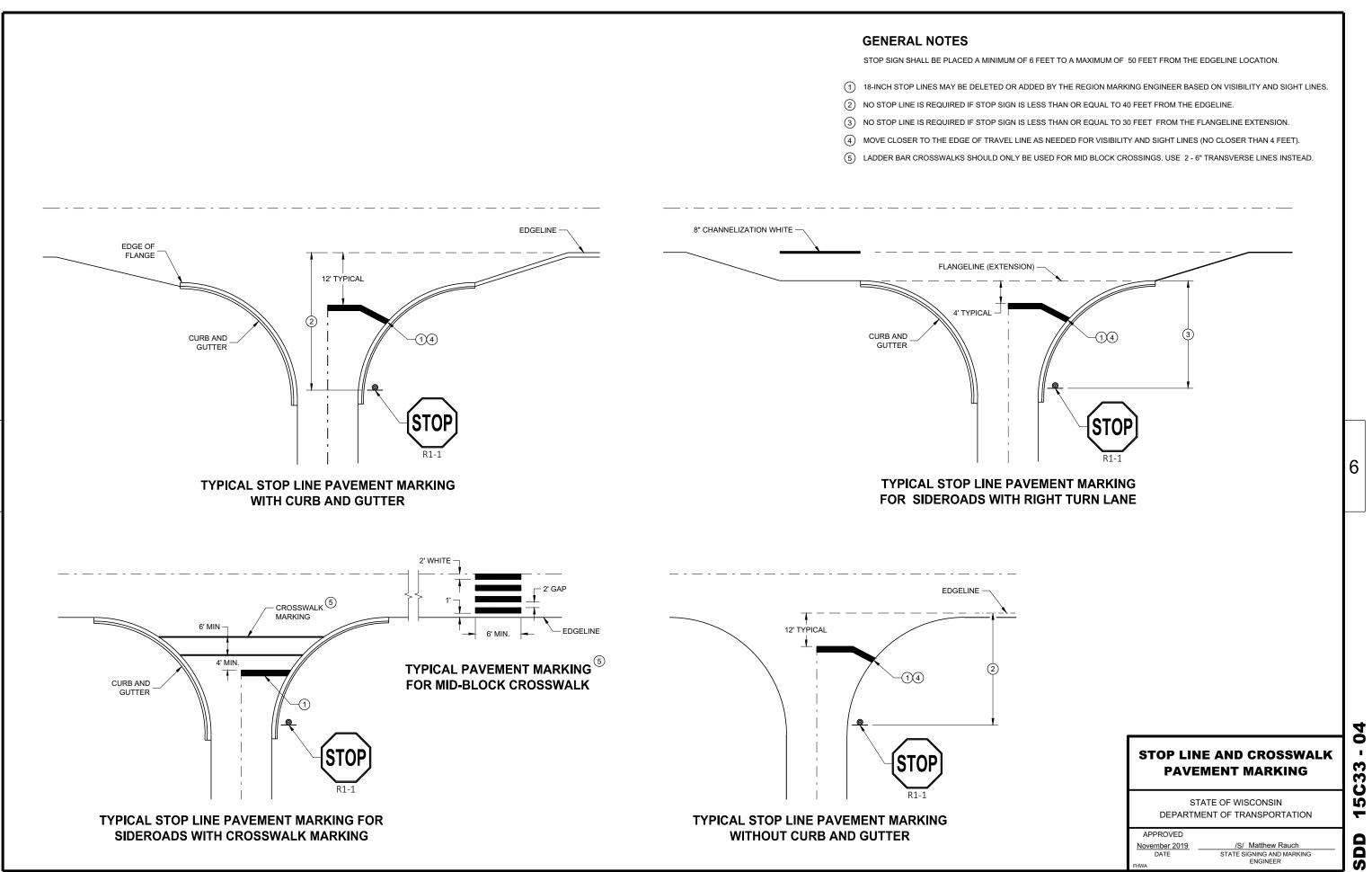
CHANNELIZING DEVICES DRUMS, CONES, BARRICADES AND VERTICAL PANELS

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

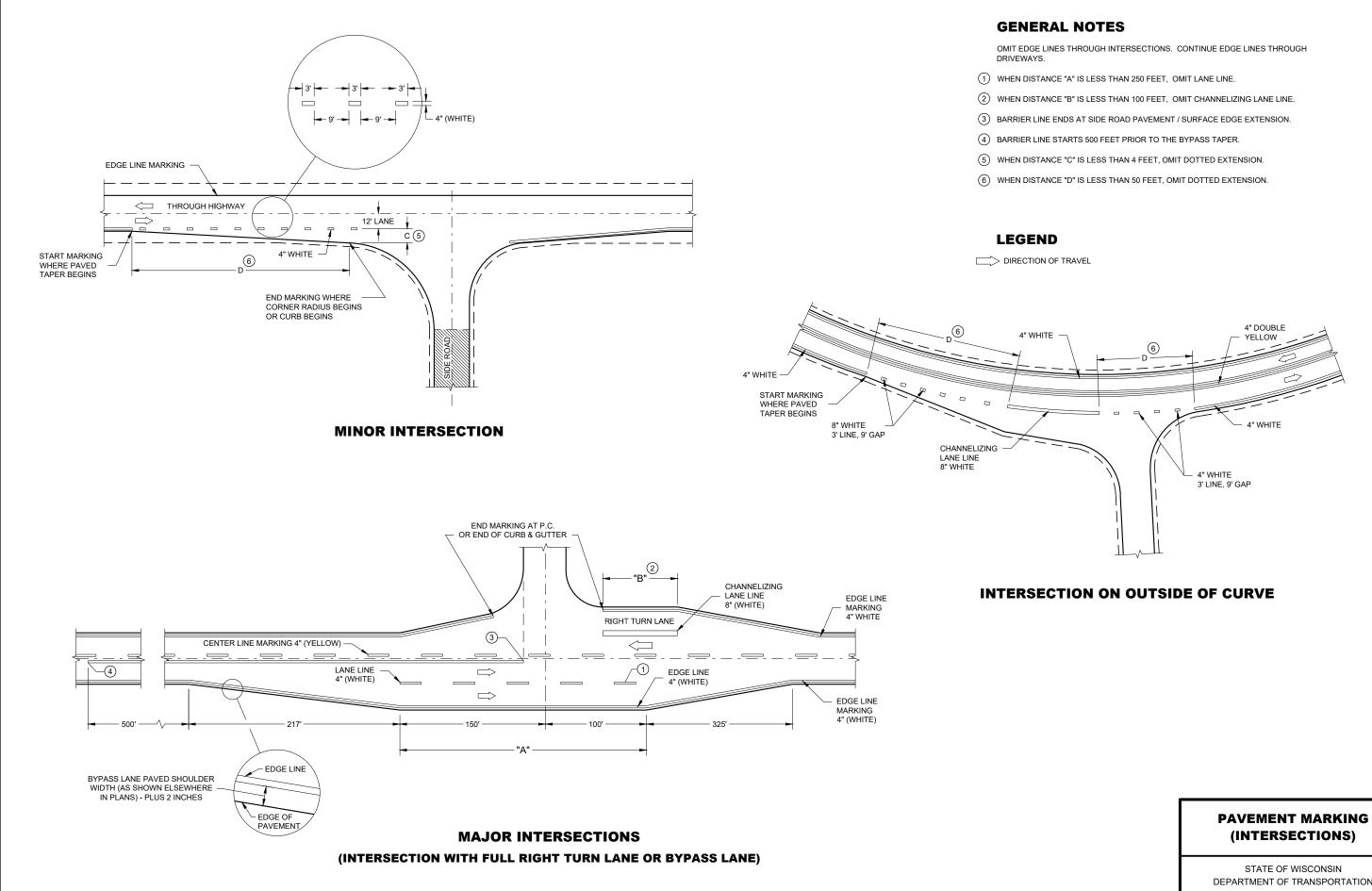
APPROVED May 2021 DATE

/S/ Andrew Heidtke WORK ZONE ENGINEER





SDD 15C33 - 04



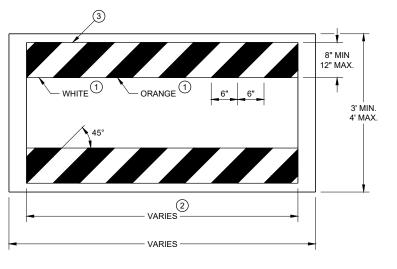
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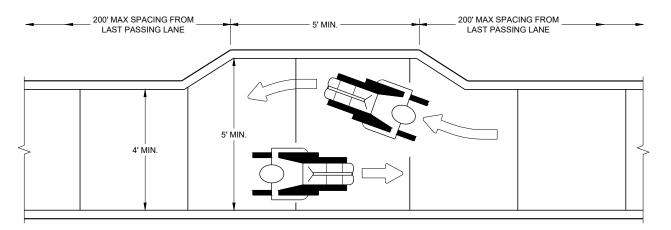
(INTERSECTIONS)

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

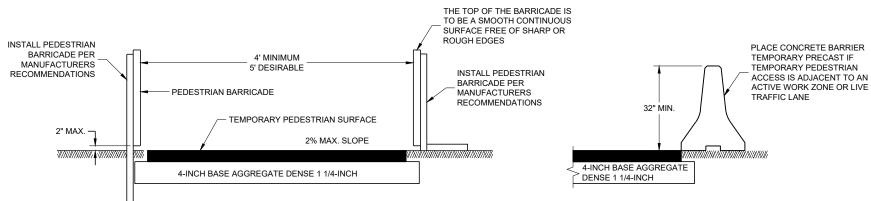








NARROW SIDEWALK PASSING DETAIL



TEMPORARY PEDESTRIAN ACCESS

GENERAL NOTES

BARRICADE DEVICE SELECTED FROM APPROVED PRODUCT LIST

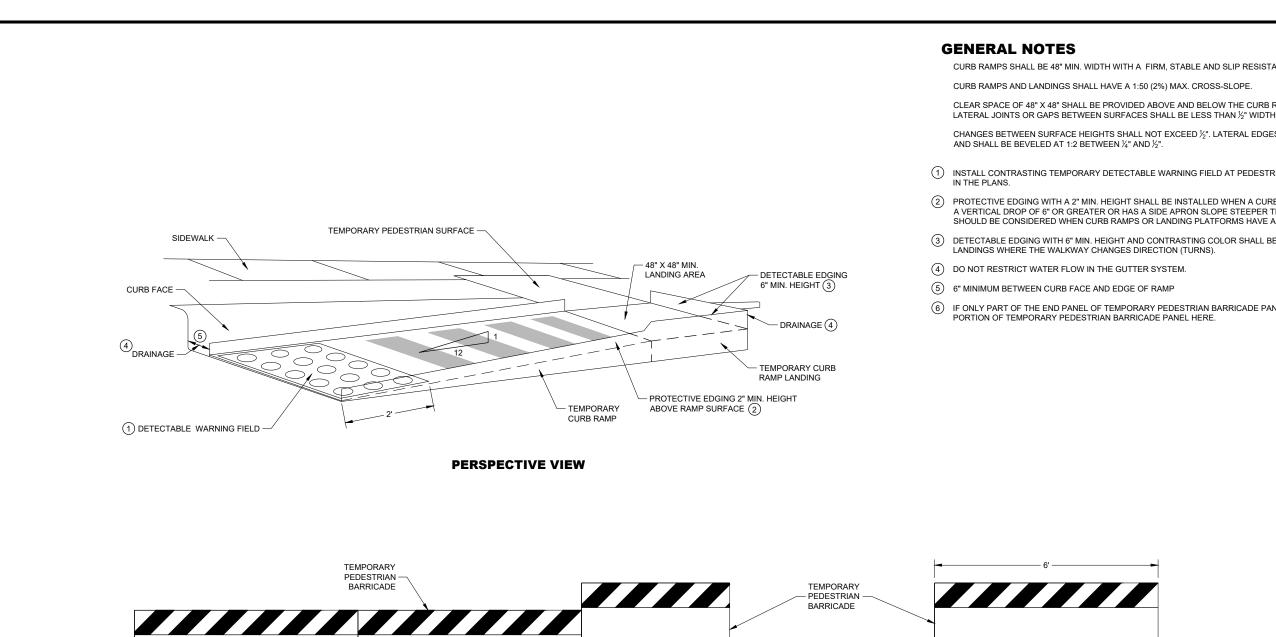
- 1 REFLECTIVE SHEETING SHALL FOLLOW THE REQUIREMENTS IN THE APPROVED PRODUCTS LISTING FOR SIGN SHEETING.
- (2) SHEETING REQUIRED ON MORE THAN 50% OF BARRICADE WIDTH.
- (3) PLACE SHEETING ON BOTH SIDES OF THE BARRICADE.
- ★ USE THIS DETAIL FOR SHEETING PLACEMENT REFERENCE.

TEMPORARY PEDESTRIAN BARRICADE*

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TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION



TEMPORARY CURB RAMP -

FRONT VIEW

6

TOP OF CURB -

CURB FACE

GUTTER PAN

TEMPORARY CURB RAMP PARALLEL TO CURB

TEMPORARY CURB -

RAMP LANDING

(6)

- TOP OF CURB

GUTTER PAN

ROADWAY

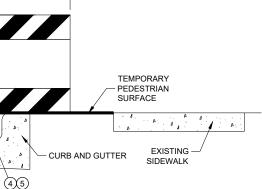
SURFACE

TEMPORARY CURB -

RAMP LANDING

SIDE VIEW

- CURB RAMPS SHALL BE 48" MIN. WIDTH WITH A FIRM, STABLE AND SLIP RESISTANT SURFACE.
- CLEAR SPACE OF 48" X 48" SHALL BE PROVIDED ABOVE AND BELOW THE CURB RAMP.
- 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
- (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
- (6) IF ONLY PART OF THE END PANEL OF TEMPORARY PEDESTRIAN BARRICADE PANEL IS NEEDED, EXTEND EXCESS



TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION 6

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5D30

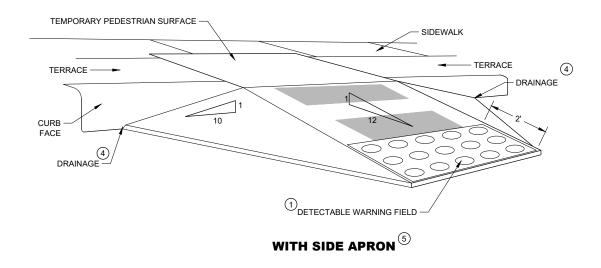
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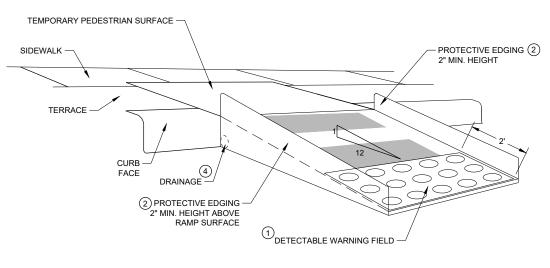
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GENERAL NOTES

- THE PLANS
- LANDINGS WHERE THE WALKWAY CHANGES DIRECTION (TURNS).
- (4) DO NOT RESTRICT WATER FLOW IN THE GUTTER SYSTEM.
- (5) CAN ONLY BE USED FOR RAMPS WITH 6" OR LESS OF VERTICAL CHANGE.





WITH PROTECTIVE EDGE

TEMPORARY CURB RAMP PERPENDICULAR TO CURB

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

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

CURB RAMPS AND LANDINGS SHALL HAVE A 1:50 (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 $\ensuremath{\frac{1}{2}}$ " width.

CHANGES BETWEEN SURFACE HEIGHTS SHALL NOT EXCEED ½". LATERAL EDGES MAY BE VERTICAL UP TO ¼" HIGH AND SHALL BE BEVELED AT 1:2 BETWEEN ¼" AND ½".

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

(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

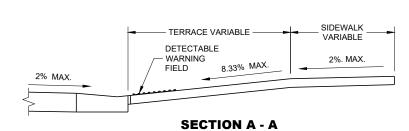
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TRAFFIC CONTROL, **PEDESTRIAN ACCOMMODATION**

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION







TEMPORARY SIDEWALK

4' MIN.

PLAN VIEW TEMPORARY TYPE 3 RAMP (OUTSIDE OF CROSSWALK AREA)

DETECTABLE

WARNING FIELD

Α

PROVIDE 48" X 48" MIN. LANDING - AT TOP OF RAMP WITH NO MORE THAN 2% SLOPE IN ANY DIRECTION.

> IEMPORARY SIDEWALK

TERRACE VARIABLE

TERRACE VARIABLE

____ 10% MAX.

└── 10% MAX.

А

4' - 0" MIN.

5' - 0" DES.

GENERAL NOTES

BARRICADE DEVICE SELECTED FROM APPROVED PRODUCT LIST

(1) REFLECTIVE SHEETING SHALL FOLLOW THE REQUIREMENTS IN THE APPROVED PRODUCTS LISTING FOR SIGN SHEETING.

(2) SHEETING REQUIRED ON MORE THAN 50% OF BARRICADE WIDTH.

③ PLACE SHEETING ON BOTH SIDES OF THE BARRICADE.

★ USE THIS DETAIL FOR SHEETING PLACEMENT REFERENCE.

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TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVED May 2022 DATE

/S/ Andrew Heidtke WORK ZONE ENGINEER

FHWA

GENERAL NOTES

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

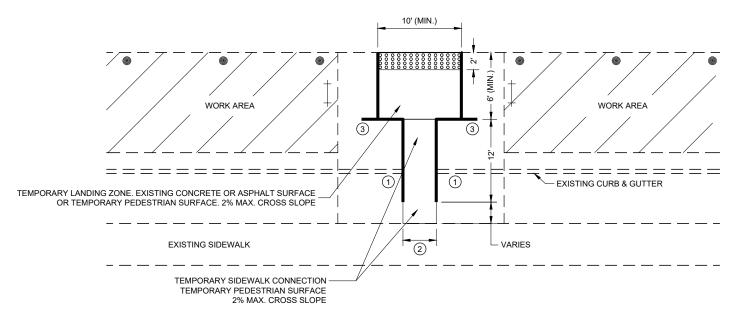
DETECTABLE EDGING WITH 6" MIN. HEIGHT AND CONTRASTING COLOR SHALL BE INSTALLED ON ALL CURB RAMP LANDINGS WHERE THE WALKWAY CHANGES DIRECTION (TURNS).

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

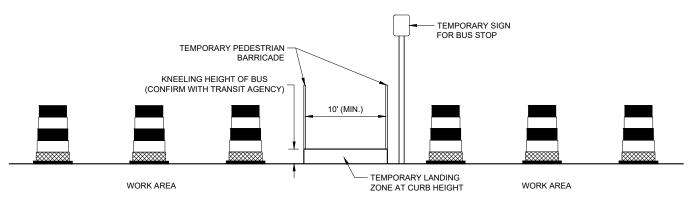
CHANGES BETWEEN SURFACE HEIGHTS SHALL NOT EXCEED ½". LATERAL EDGES MAY BE VERTICAL UP TO ¼" HIGH AND SHALL BE BEVELED AT 1:2 BETWEEN $\frac{1}{4}$ " AND $\frac{1}{2}$ ".

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

- (1) DO NOT RESTRICT WATER FLOW IN THE GUTTER SYSTEM.







PROFILE VIEW

TEMPORARY BUS STOP PAD



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

(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

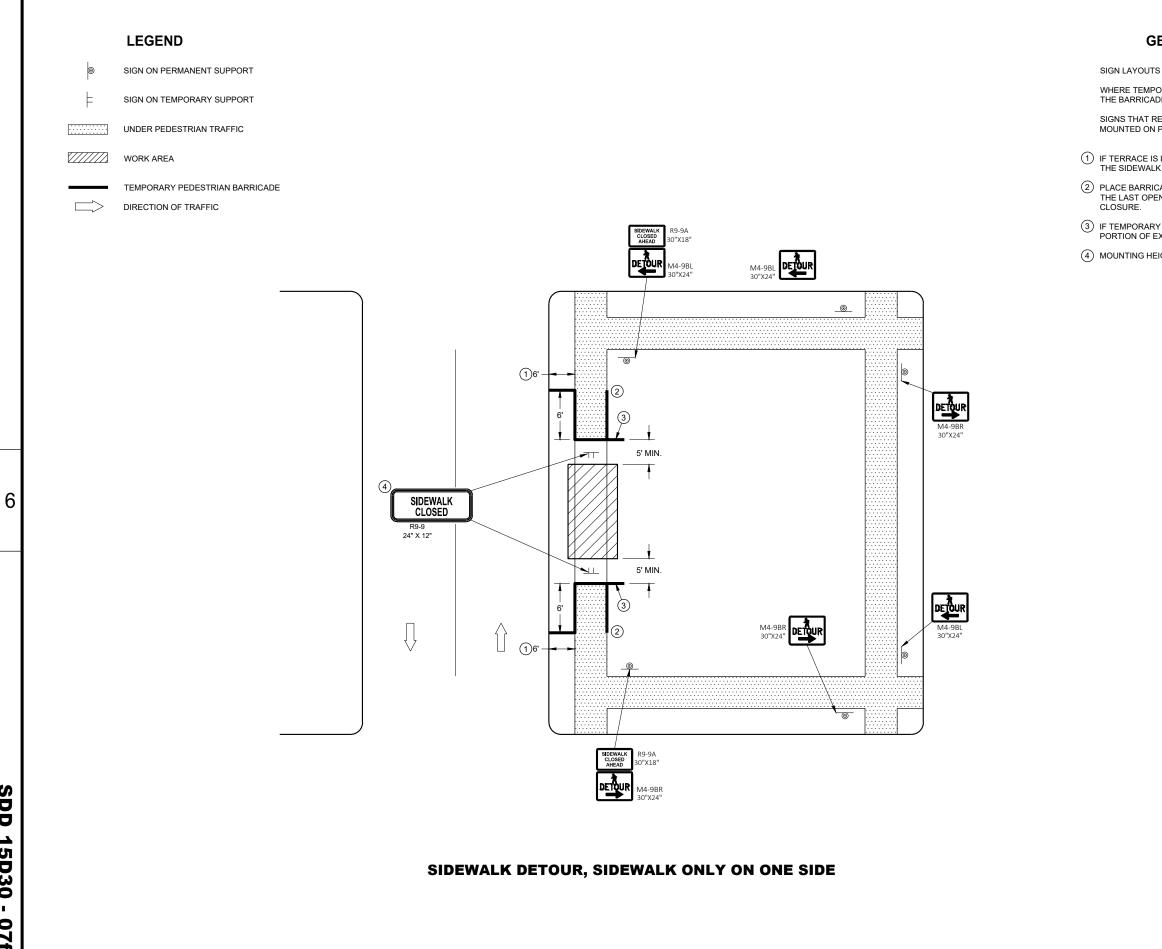
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TRAFFIC CONTROL, **PEDESTRIAN ACCOMMODATION**

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION



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.

(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.

6

TRAFFIC CONTROL, **PEDESTRIAN ACCOMMODATION**

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

LEG	GEND					C
SIGN O	IN TEMPORARY SUPPORT					TYPICAL TEM
WORK	AREA					SIGN LAYOUT
						WHERE TEMF
UNDER	R PEDESTRIAN TRAFFIC					SIGNS THAT F MOUNTED ON
	DRARY PEDESTRIAN SURFACE					
						USE TEMPOR OR FOR ADDI
	NAL TEMPORARY PEDESTRIAN BARRICADE					(2) IF TEMPORAR PORTION OF
						3 MOUNTING H
					4' MIN.	
			-		5' DESIRABLE	
			6		• • • •	
				2	4' MIN. 5' DESIRABLE	
					5' MIN.	
			3 M4-60L 30"X24"			
			1		1	
			M4-60R 30"X24"		5' MIN.	
					4' MIN. 5' DESIRABLE	
			6'		┝╺━╸┛───┼	
		\downarrow			── 2' MIN.	

SIDEWALK DIVERSION SINGLE SIDE

GENERAL NOTES

EMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG.

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

EMPORARY BARRICADE RUNS PARALLEL ALONG SIDEWALK, PLACE THE FACE OF ICADE AT THE EDGE OF THE SIDEWALK.

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

ORARY PEDESTRIAN BARRICADE TO SEPARATE PEDESTRIANS FROM DROP OFFS DIDITIONAL PEDESTRIAN CHANNELIZATION.

RARY PEDESTRIAN BARRICADE PANEL IS WIDER THAN THE SIDEWALK WIDTH, THE OF EXCESS PANEL SHOULD EXTEND INTO THE TERRACE.

HEIGHT OF 5 FEET FROM THE SURFACE TO THE BOTTOM OF SIGN.

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION



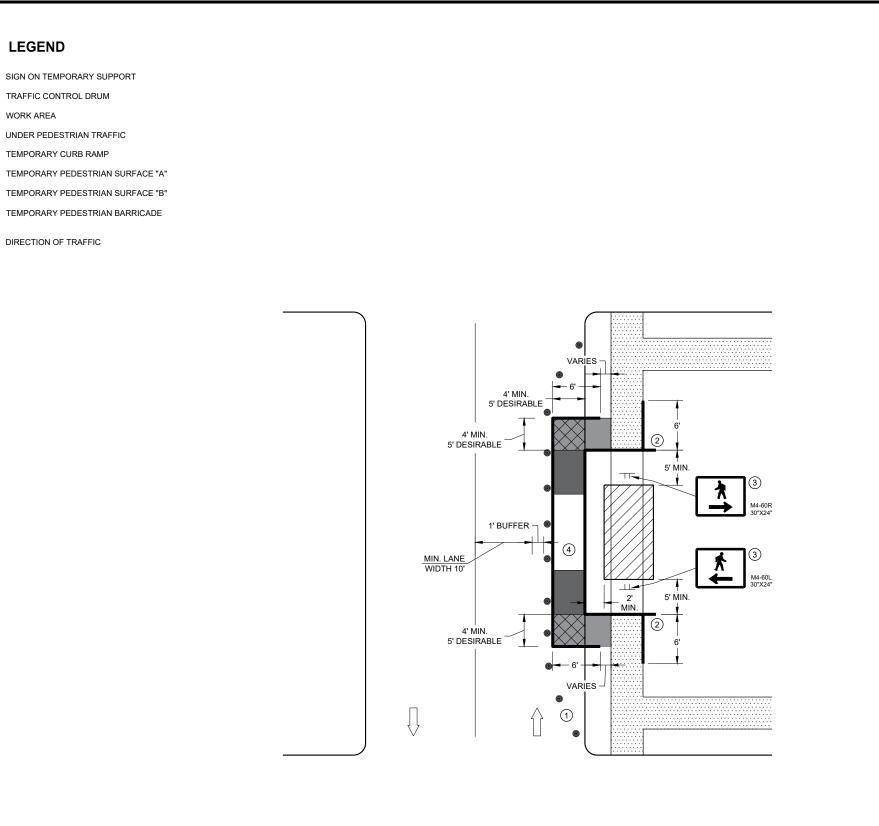
LEGEND

WORK AREA

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SIDEWALK DIVERSION, SINGLE SIDE



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

1 Shoulder or lane closure advance warning and buffer space required.

(2) PLACE EXCESS PORTION OF TEMPORARY PEDESTRIAN BARRICADE PANEL PAST THE SIDEWALK ON THE SIDE AWAY FROM THE ROAD.

GENERAL NOTES

TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG.

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

(3) MOUNTING HEIGHT OF 5 FEET FROM THE SURFACE TO THE BOTTOM OF SIGN.

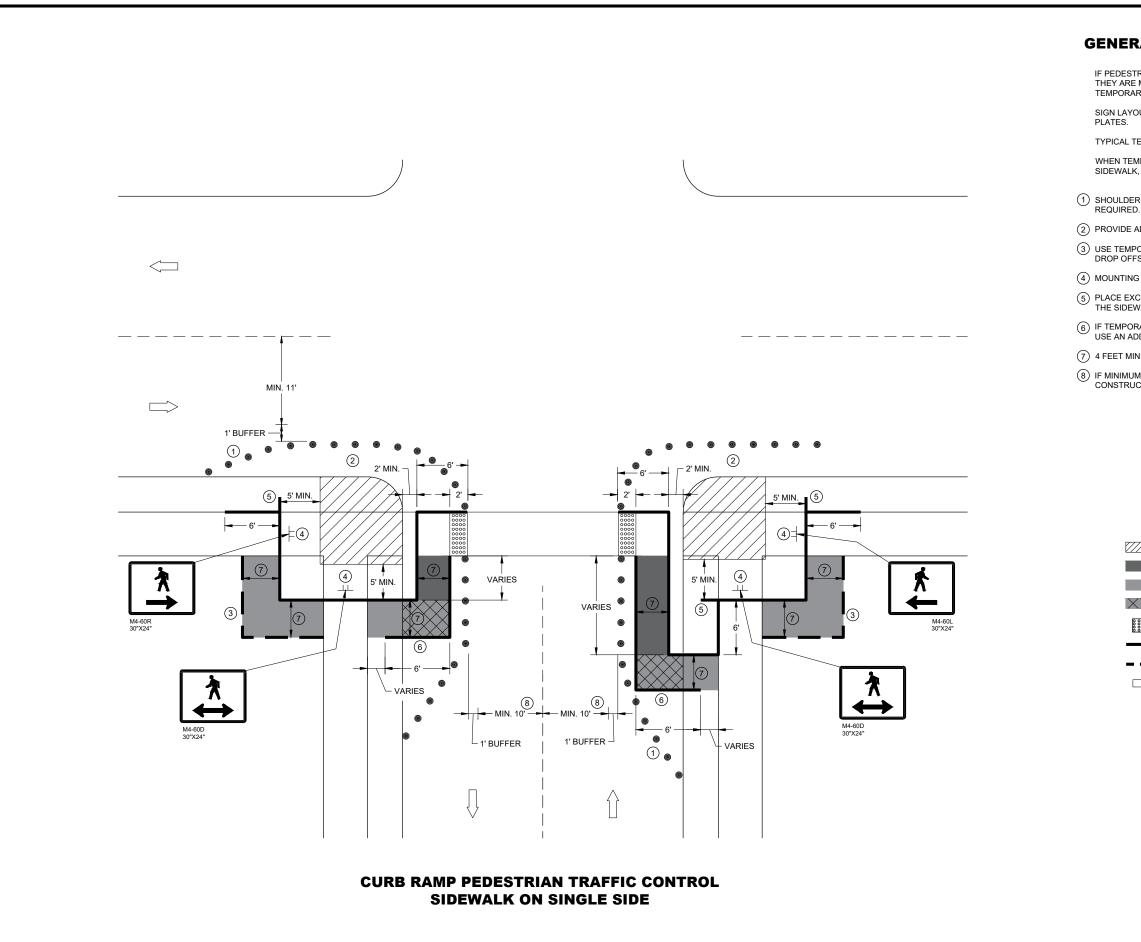
(4) USE EXISTING PAVEMENT SURFACE. IF EXISTING PAVEMENT SURACE HAS BEEN REMOVED, USE A TEMPORARY PEDESTRIAN SURFACE.

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TRAFFIC CONTROL, **PEDESTRIAN ACCOMMODATION**

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION



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 PLATES.

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) IF TEMPORARY PEDESTRIAN BARRICADE DOES NOT REACH THE FACE OF THE CURB, USE AN ADDITIONAL PANEL AND EXTEND INTO THE TERRACE.

(7) 4 FEET MINIMUM, 5 FEET DESIRABLE

8 IF MINIMUM LANE WIDTHS CAN'T BE ATTAINED, CURB RAMPS MAY NEED TO BE CONSTRUCTED AT SEPARATE TIMES.

LEGEND

SIGN ON TEMPORARY SUPPORT

TRAFFIC CONTROL DRUM

WORK AREA

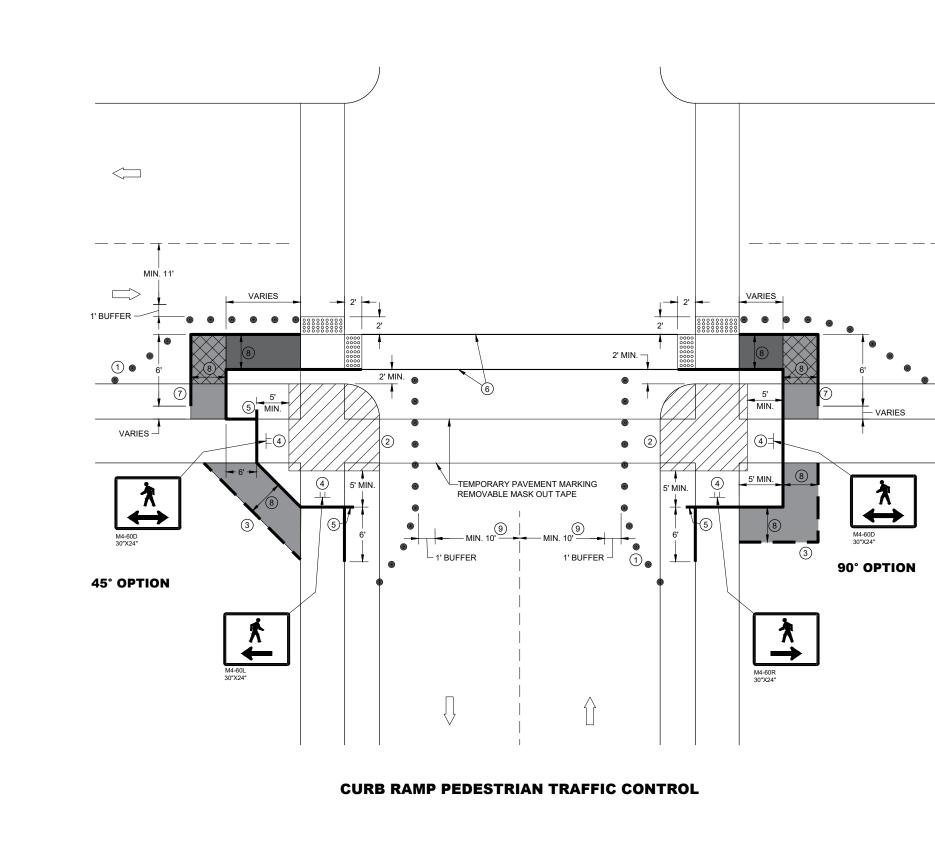
	TEMPORARY CURB RAMP
	TEMPORARY PEDESTRIAN SURFACE "A"
$\langle X X \rangle$	TEMPORARY PEDESTRIAN SURFACE "B"
	TEMPORARY DETECTABLE WARNING FIELD
	TEMPORARY PEDESTRIAN BARRICADE
	OPTIONAL TEMPORARY PEDESTRIAN BARRICADE
	DIRECTION OF TRAFFIC

SDD 15D30 - 07

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION





GENEL
IF PEDESS THEY ARI TEMPORI
SIGN LAY PLATES.
TYPICAL
WHEN TE SIDEWAL
1) SHOULDE REQUIRE
2) PROVIDE
3) USE TEMI DROP OF
4) MOUNTIN
5) PLACE ED THE SIDE

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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 PLATES.

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

 \bigcirc IF TEMPORARY PEDESTRIAN BARRICADE DOES NOT REACH THE FACE OF THE CURB, USE AN ADDITIONAL PANEL AND EXTEND INTO THE TERRACE.

8 4 FEET MINIMUM, 5 FEET DESIRABLE

(9) IF MINIMUM LANE WIDTHS CAN'T BE ATTAINED, CURB RAMPS MAY NEED TO BE CONSTRUCTED AT SEPARATE TIMES.

LEGEND

SIGN ON TEMPORARY SUPPORT

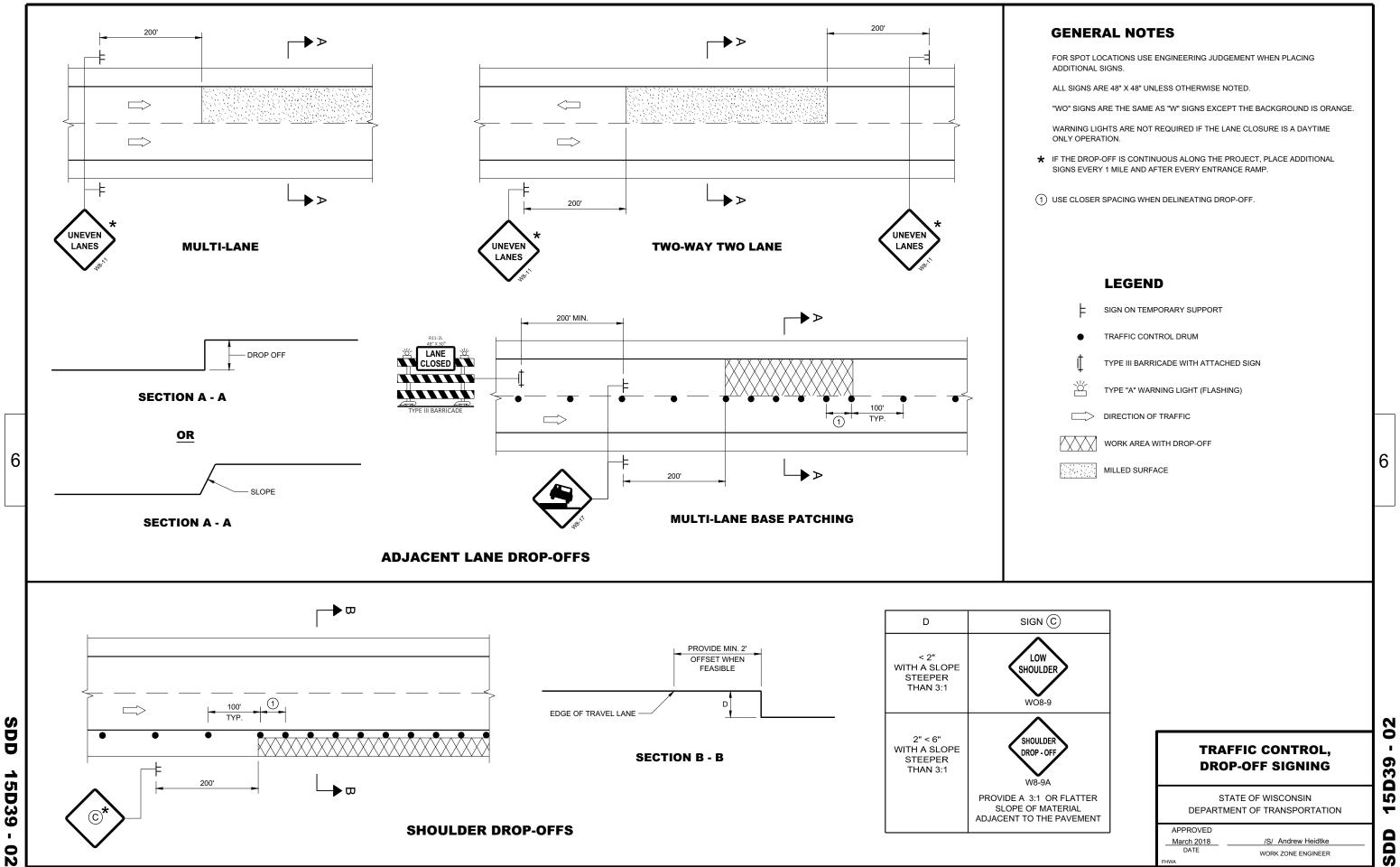
TRAFFIC CONTROL DRUM

WORK AREA

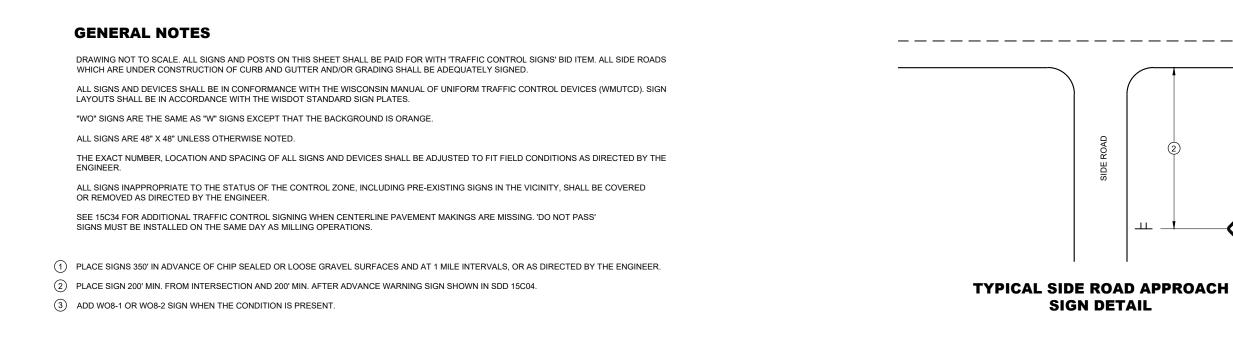
	WORKAREA
	TEMPORARY CURB RAMP
	TEMPORARY PEDESTRIAN SURFACE "A"
$\langle \times \times \rangle$	TEMPORARY PEDESTRIAN SURFACE "B"
	TEMPORARY DETECTABLE WARNING FIELD
	TEMPORARY PEDESTRIAN BARRICADE
	OPTIONAL TEMPORARY PEDESTRIAN BARRICADE
=>	DIRECTION OF TRAFFIC

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION



15D39 . 02



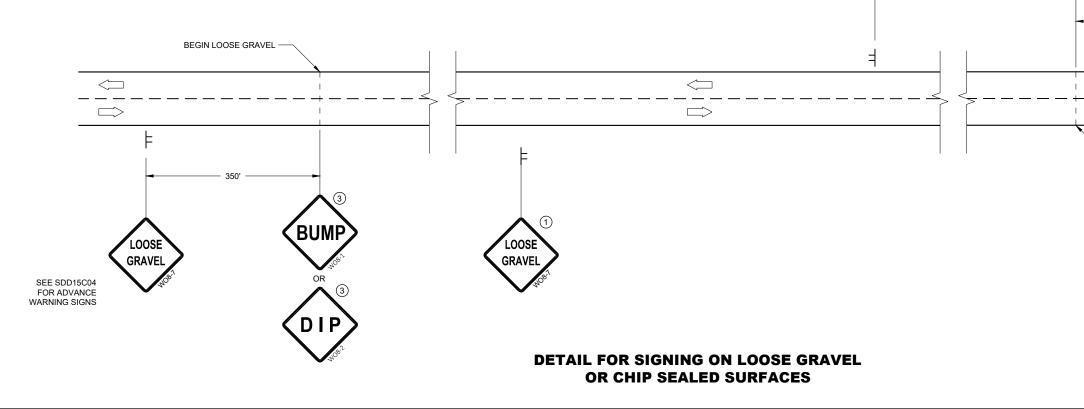


SIGN ON TEMPORARY SUPPORT

DIRECTION OF TRAFFIC

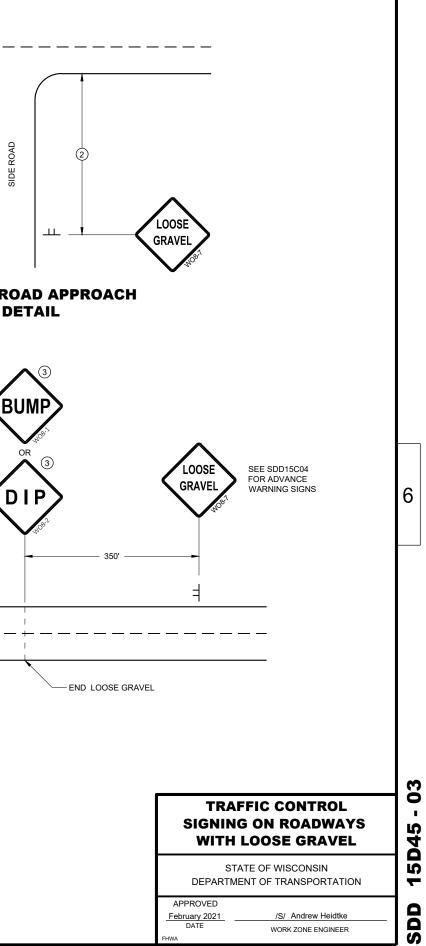






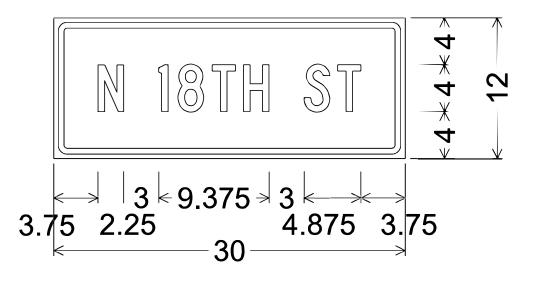
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GRAVEL



NOTES

- 2. Color:
 - Background Orange
 - Message Black
- 3. Message Series C



1.125" Radius, 0.500" Border, 0.375" Indent

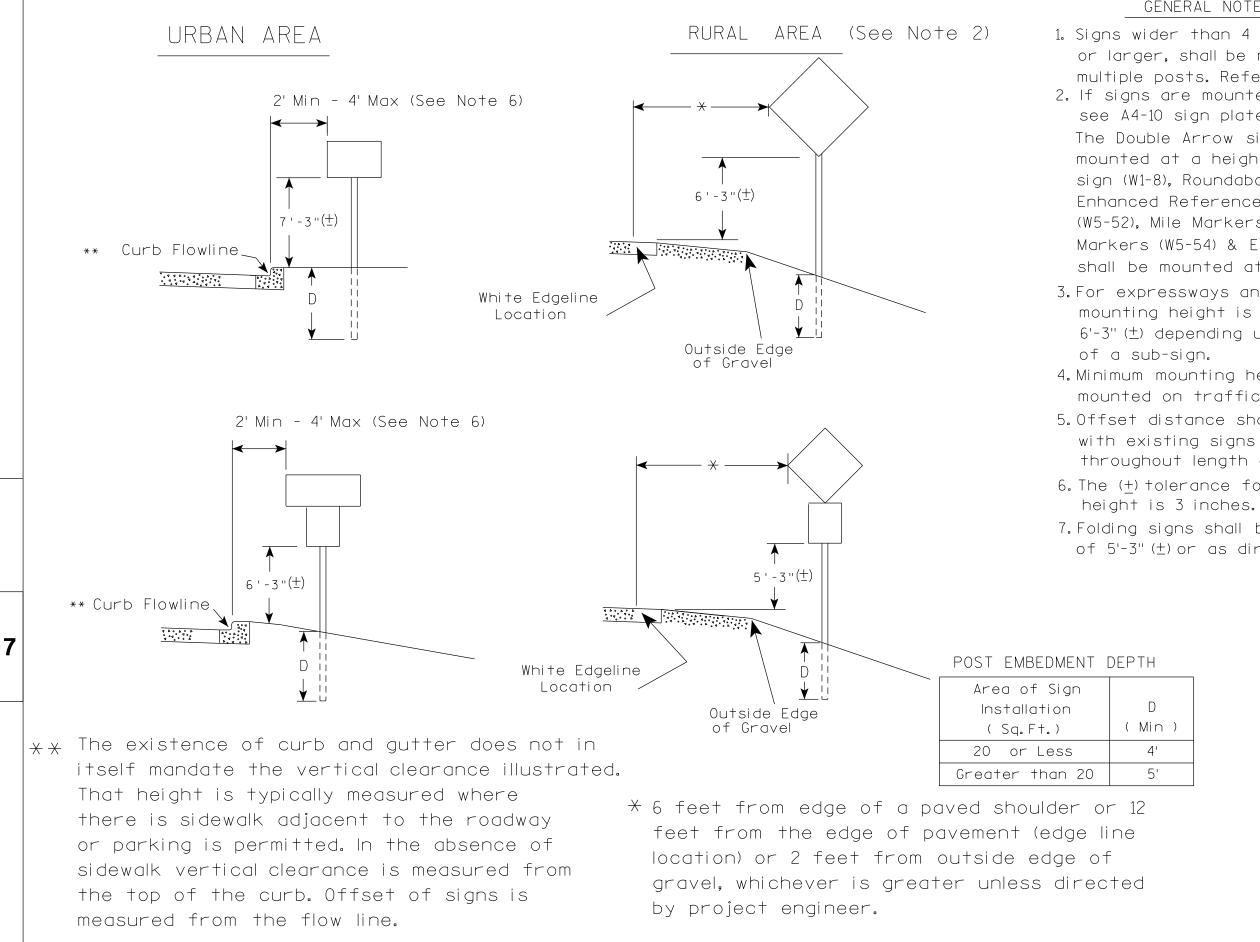
PROJECT NO: 6999-18-78	HWY:NORTH 18TH STREET	COUNTY: MARATHON	TEMPORARY SIGNING	
FILE NAME : C:\CAEfiles\Projects\tr_d4_4374a622FMS.dgn		PLOT DATE : 28-JUNE 2022 12	2:01 PLOT BY : dotc4c	PLOT NAME :

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1. Fixed Message Sign Type II - Type F Reflective

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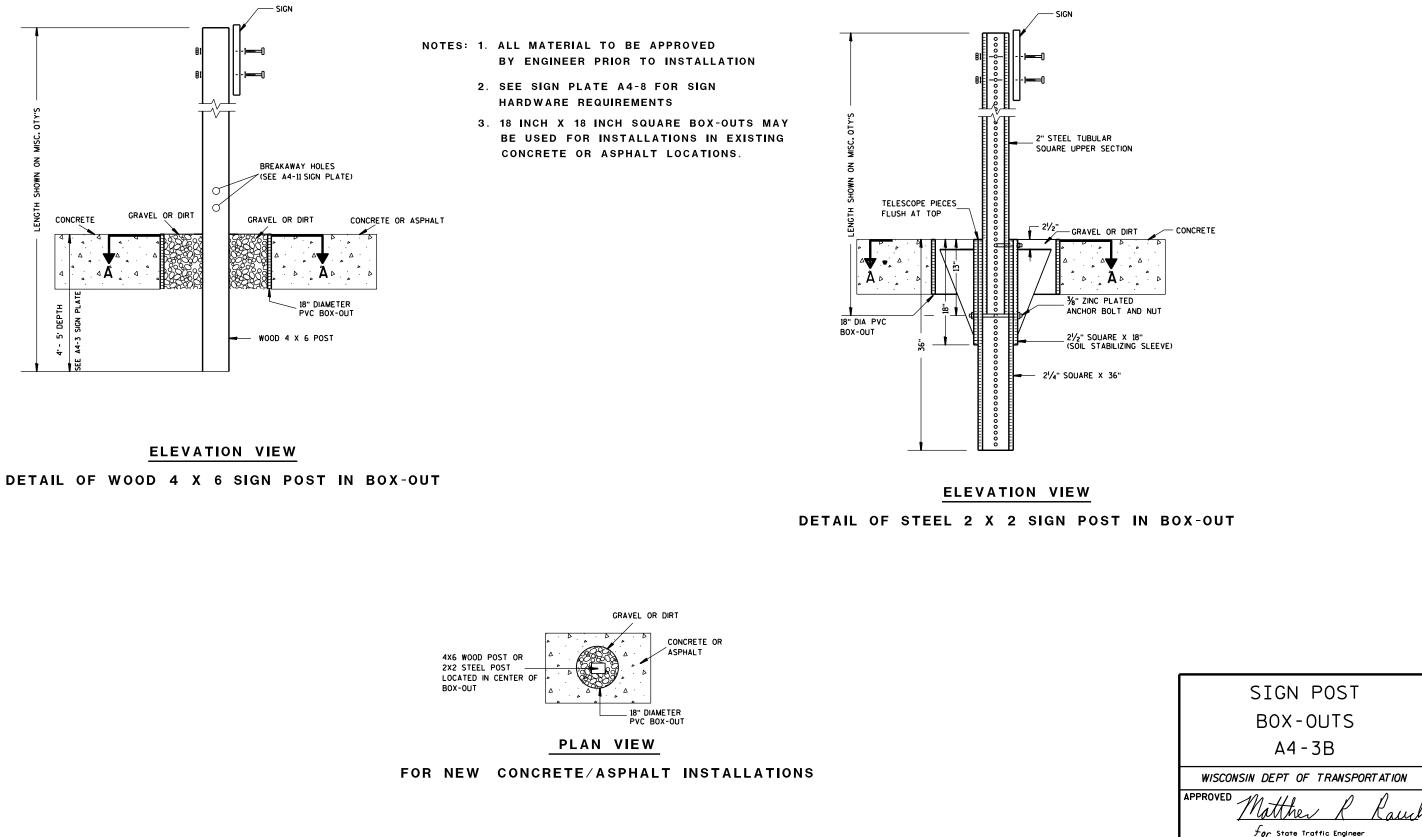


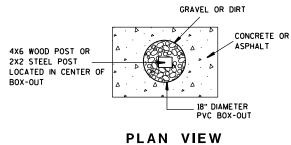
PROJECT NO:	HWY:	COUNTY:			
			DI AT DATE : 43 MAN 0000 4 0	A DI AT DY I IO	DLOT NAME -

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 sian plate. The Double Arrow sign (W12-1D) shall be mounted at a height of $2'-3''(\pm)$. The Chevron sign (W1-8), Roundabout Chevron panel (R6-4B), Enhanced Reference Markers, Clearance Markers (W5-52). Mile Markers (D10 series). In Road Object Markers (W5-54) & End of Road Markers (W5-56) shall be mounted at a height of 4'-3'' (+). 3. For expressways and freeways, mounting height is 7'- 3" (\pm) or $6'-3''(\pm)$ depending upon existence 4. Minimum mounting height for signs mounted on traffic signal poles is 5' - 3'' (+). 5. Offset distance shall be consistent with existing signs or consistent throughout length of project. 6. The (+) tolerance for mounting 7. Folding signs shall be mounted at a height of 5'-3" (\pm) or as directd by the Engineer.

)	
	TYPICAL INSTALLATION
	OF PERMANENT TYPE II
	SIGNS ON SINGLE POSTS
	WISCONSIN DEPT OF TRANSPORTATION
	APPROVED Matthew & Rauch For state Traffic Engineer
	DATE <u>5/13/202</u> 0 PLATE NO. <u>A4-3.22</u>
	SHEET NO: E
PLOT SCALE : \$\$	WISDOT/CADDS SHEET 42





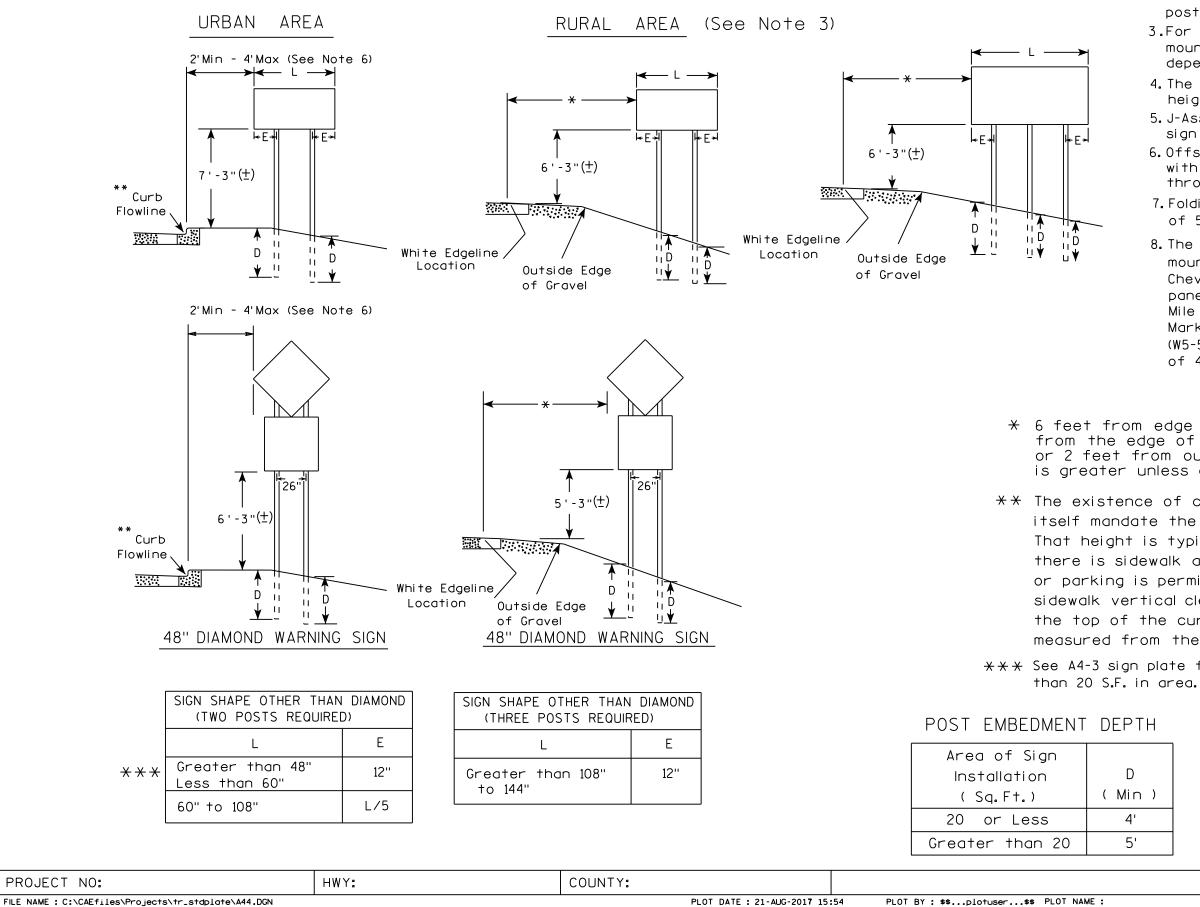
PROJECT NO:	HWY:	COUNTY:				
FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A43B.DGN			PLOT DATE : 27-JAN-2014 09:4	8	PLOT BY : mscsja	PLOT NAME :

DATE <u>1/27/14</u>

SHEET NO:

PLATE NO. <u>A4-3B.1</u>

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FILE NAME : C:\CAEfiles\Projects\tr_stdplate\A44.DGN

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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 $7'-3''(\pm)$ or $6'-3''(\pm)$ 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) or as directed by the engineer.
- 8. The Double Arrow sign (W12-1) shall be mounted at a height of 2'-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" (±).

* 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.

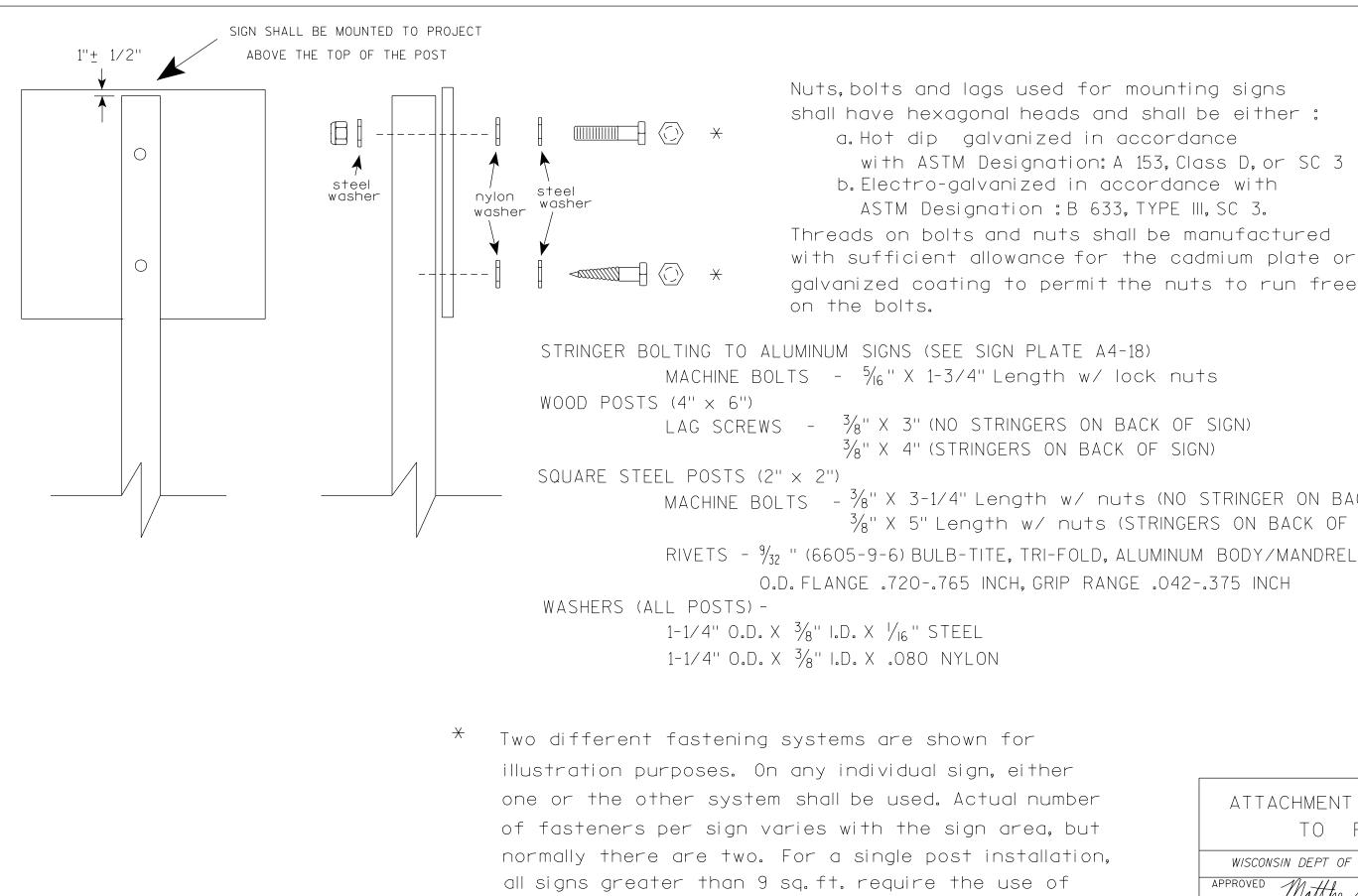
** The existence of curb and gutter does not in itself mandate the vertical clearance illustrated. That height is typically measured where there is sidewalk adjacent to the roadway or parking is permitted. In the absence of sidewalk vertical clearance is measured from the top of the curb. Offset of signs is measured from the flow line.

 \times \times See A4-3 sign plate for signs 4' or less in width and less

H	TYPICAL INSTALLATION OF TYPE II SIGNS ON MULTIPLE POSTS						
)	WISCONSIN DEPT OF TRANSPORTATION						
,	APPROVED Matther & Rauch						
	For State Traffic Engineer						
	DATE 8/21/17 PLATE NO. 44-4.15						
	SHEET NO: E						
DI AT. CA							

PLOT SCALE : 108.188297:1.000000

WISDOT/CADDS SHEET 42



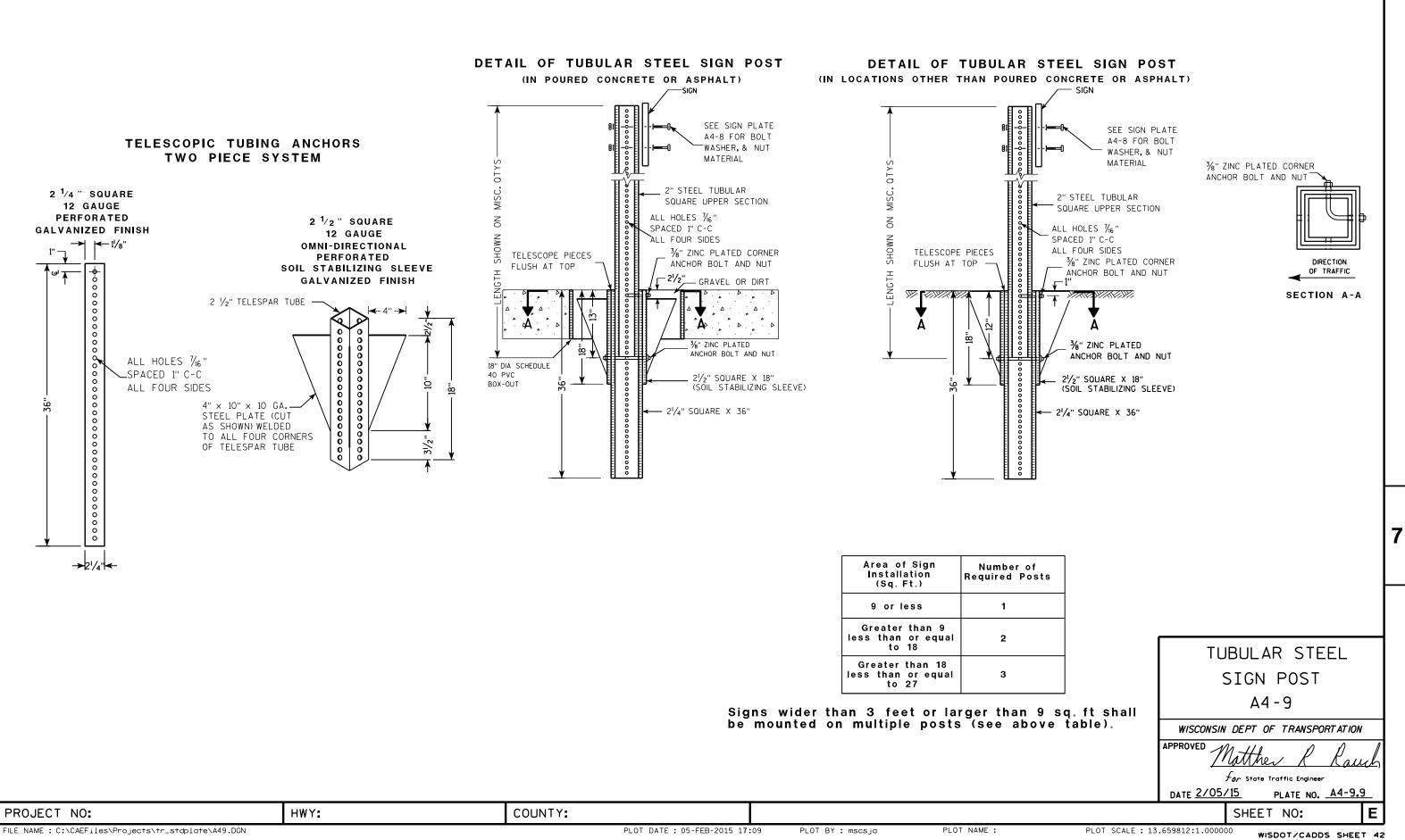
3 fasteners.

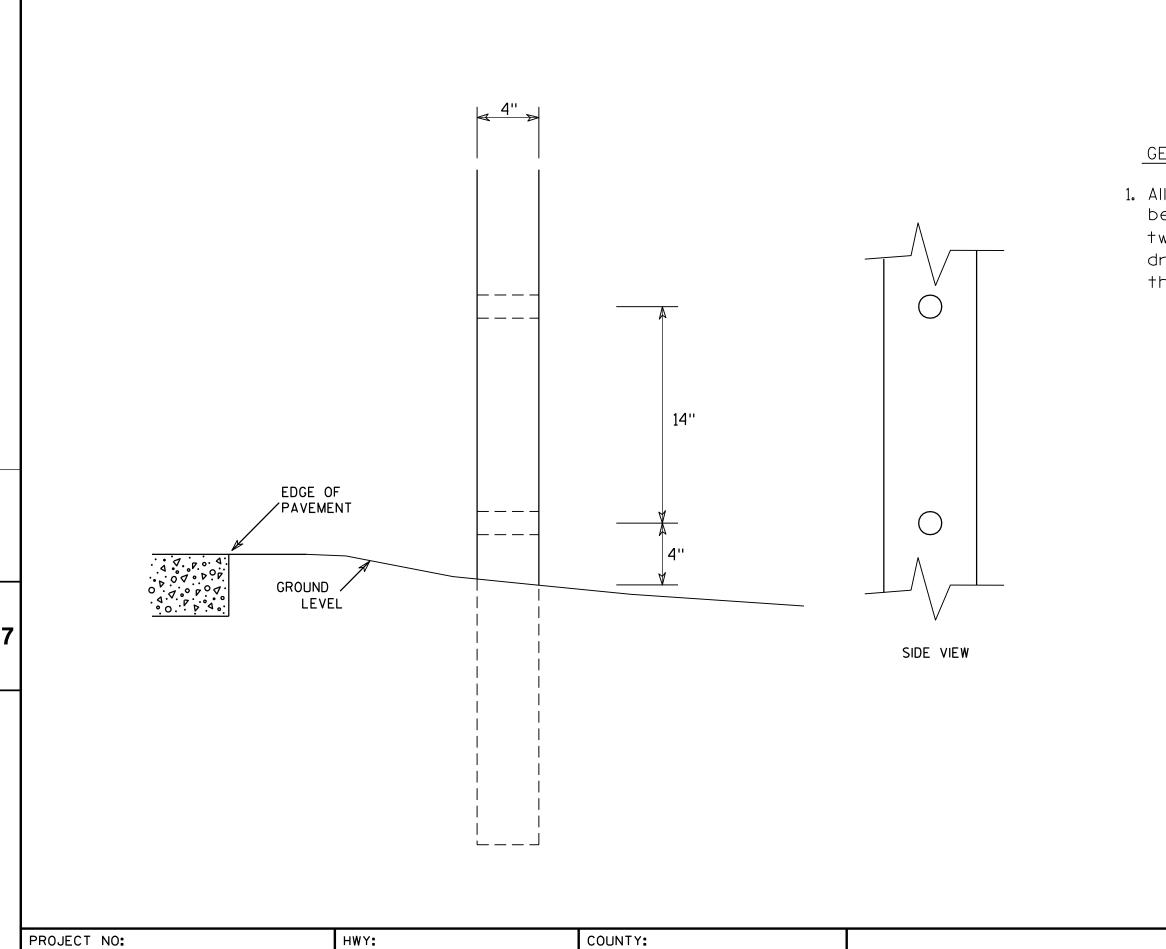
Nuts, bolts and lags used for mounting signs shall have hexagonal heads and shall be either : a. Hot dip galvanized in accordance with ASTM Designation: A 153. Class D. or SC 3 b. Electro-galvanized in accordance with ASTM Designation : B 633, TYPE III, SC 3. Threads on bolts and nuts shall be manufactured with sufficient allowance for the cadmium plate or galvanized coating to permit the nuts to run freely

 $\frac{3}{8}$ " X 4" (STRINGERS ON BACK OF SIGN)

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)

ATTACHMENT OF SIGNS TO POSTS
WISCONSIN DEPT OF TRANSPORTATION
APPROVED Matthew R Rauch
Tor State Traffic Engineer
DATE <u>4/1/202</u> 0 PLATE NO. <u>A4-8.9</u>
SHEET NO: E



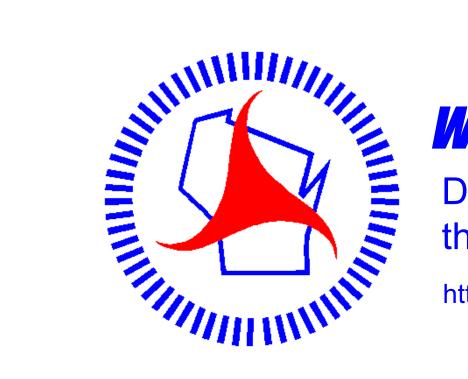


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GENERAL NOTES

1. All 4 x 6 Wood Posts shall be modified by having two $1\frac{1}{2}$ " diameter holes drilled perpendicular to the roadway centerline.

	4	Xe	5 V	00	DF	POST	-	
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	for State Traffic Engineer							
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Wisconsin Department of Transportation

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