/IS	JUNE 2022 ORDER OF S		
PROJECT ID:	Section No. Section No. Section No. Section No.	1 2 3 3	Title Typical Sections and Details Estimate of Quantities Miscellaneous Quantities
4	Section No. Section No. Section No. Section No. Section No.	4 5 6 7 8 9	Right of Way Plat – Plan and Profile Standard Detail Drawings Sign Plates Structure Plans Computer Earthwork Data
166-05-84	-Section No.	و TS =	Cross Sections

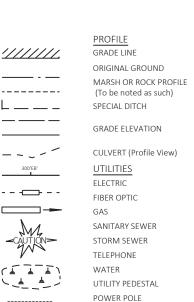


DESIGN DESIGNATION 1166-05-14 AADT 2022 = 34605A.A.D.T. = NA = NA D.H.V.

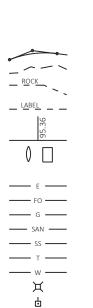
Birner		
D.D.	=	NA
Τ.	=	20%
DESIGN SPEED	=	70 MPH
ESALS	=	NA

PORTAGE CONVENTIONAL SYMBOLS PLAN

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



TELEPHONE POLE



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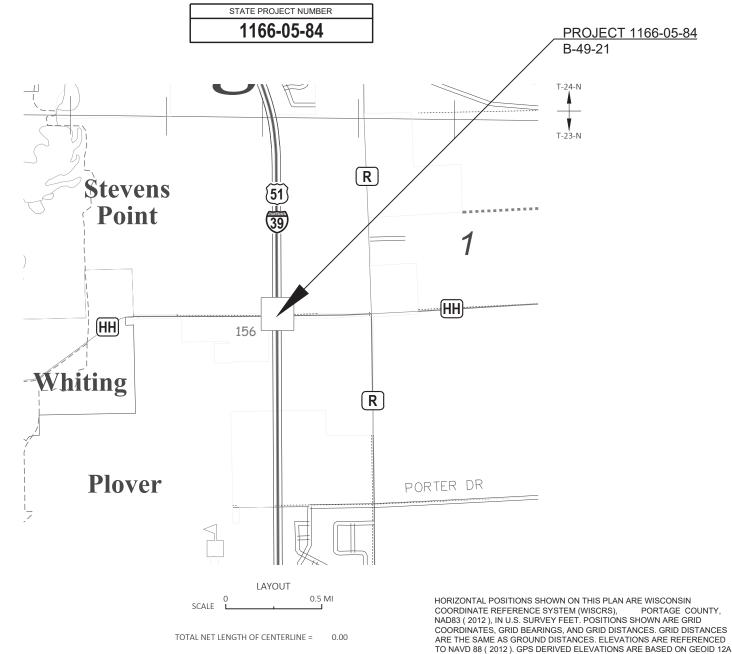
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

PLAINFIELD - STEVENS POINT

CTH HH BRIDGE B-49-21

IH 39 **PORTAGE COUNTY**



FILE NAME : N:\PDS\C3D\11660514\SHEETSPLAN\010101-TI.DWG

WOODED OR SHRUB AREA

COUNTY:

WIS PROJECT ID: WITH: NA

STATE PROJECT	FEDERAL PROJECT	
STATE PROJECT	PROJECT	CONTRACT
1166-05-84	WISC 2022457	1

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

PREPARED BY Survevor

> Designer Project Manage Regional Examiner Regional Superviso

REGION ZACHARY GRULING DAN HOLLOWAY ZACHARY GRULING

NICHOLE LYSNE

PPROVED FOR THE DEPARTMENT



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GENERAL NOTES

THERE ARE UTILITY FACILITIES WITHIN THE PROJECT AREA THAT ARE NOT SHOWN ON THE PLANS. THE CONTRACTOR SHALL COORDINATE HIS CONSTRUCTION ACTIVITES WITH A CALL TO DIGGERS HOTLINE AND/OR A DIRECT CALL TO THE UTILITITES THAT HAVE FACILITIES IN THE AREA. NOT ALL UTILITIES ARE MEMBERS OF DIGGERS HOTLINE.

SECTION 2 ORDER

General Notes **Project Overview Typical Section** Traffic Control

AS-BUILT REFERENCE (YEAR)*

F05-03(64) (1968) 6998-01-41 (1990)

*Approval Year (Not Construction)

ENVIRONMENTAL CONTACTS

WI Department of Natural Resources 473 Griffith Ave

Wisconsin Rapids, WI 54494 Attn: Casey Jones Phone: (715) 213-6571 Mobile casey.jones@wisconsin.gov

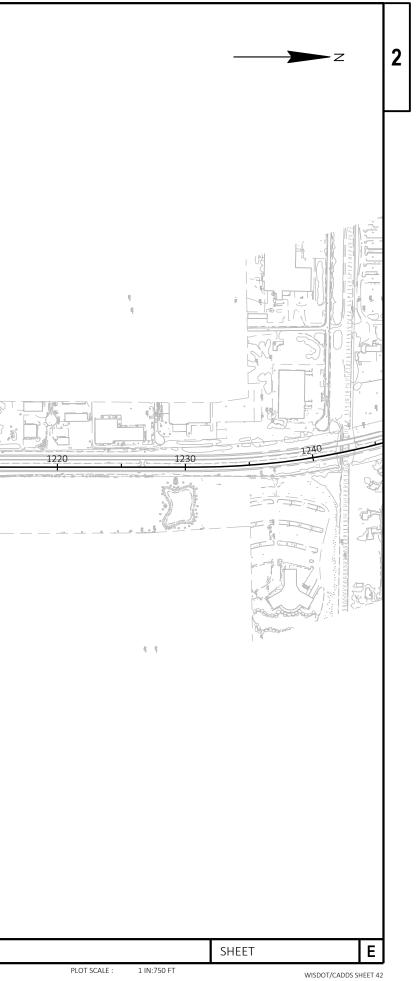


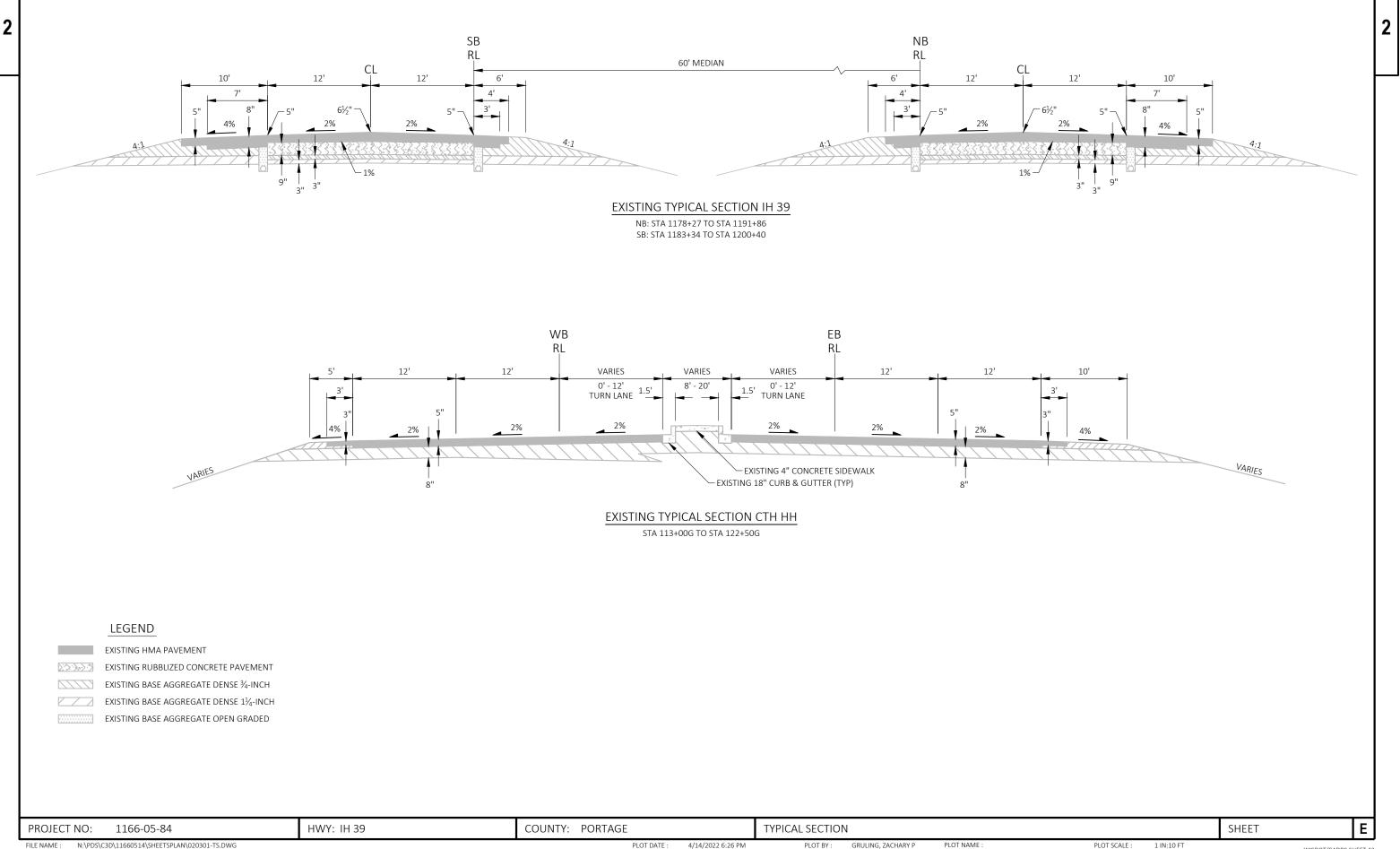
PROJECT NO: 1166-05-84	HWY: IH 39	COUNTY: PORTAGE	GENERAL NOTES	
FILE NAME : N:\pds\design_id\1166-05-14_84_IH39_CTHHH_B-49-0021_PORT\Quantities\Ge	neral Notes/020101-gn.ppt	PLOT DATE : 3/31/2022 10:18 AM	PLOT BY : Zachary Gruling 😊	PLOT NAME :



OVER PROJECT 1166-05-84 B-49-21 Ц IH 39/USH 51

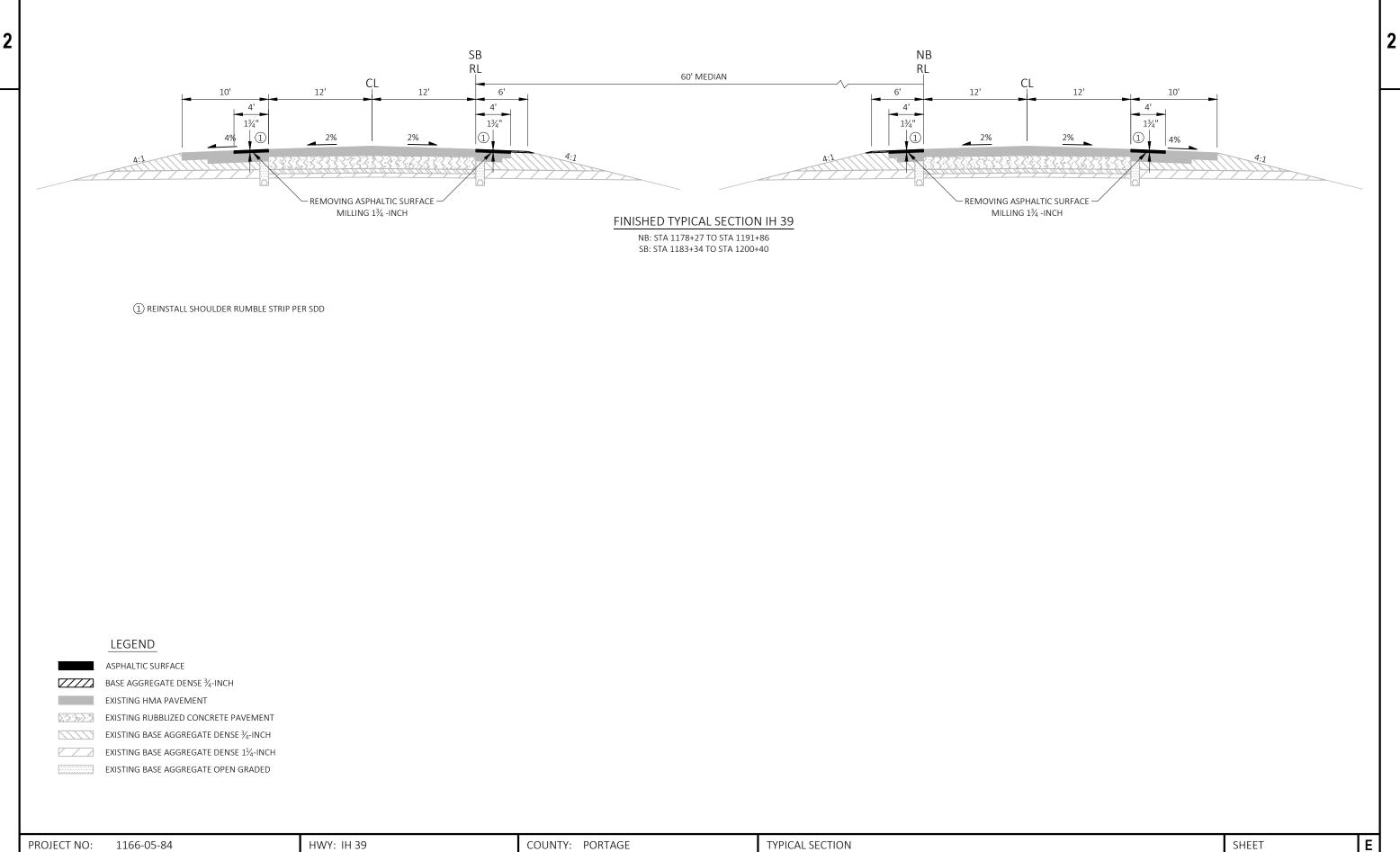
PROJECT NO: 1166-05-84	HWY: IH 39	COUNTY: PORTAGE	PROJECT OVERVIEW

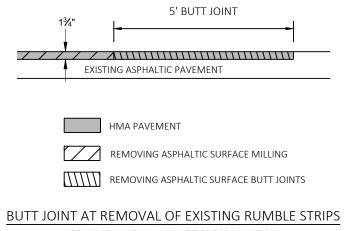




PLOT DATE : 4/14/2022 6:26 PM PLOT BY : GRULING, ZACHARY P PLOT NAME :

WISDOT/CADDS SHEET 42





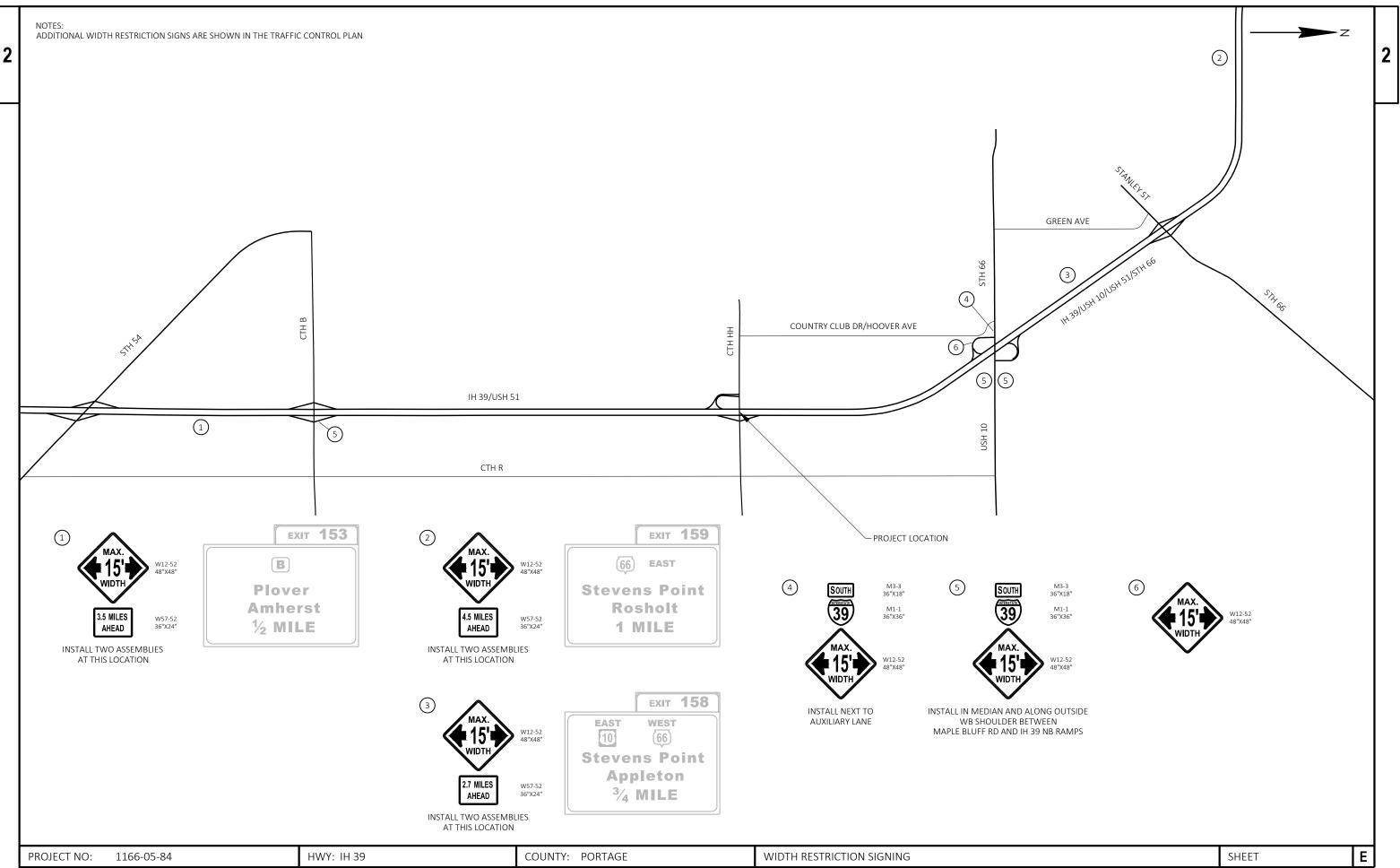
SEE MISCELLANEOUS QUANTITIES FOR LOCATIONS

PROJECT NO: 1166-05-84	HWY: IH 39	COUNTY: PORTAGE		CONSTRUCTION		
FILE NAME : N:\PDS\C3D\11660514\SHEETSPLAN\021001-CD.DWG		PLOT DATE :	1/15/2020 4:27 PM	PLOT BY :	GRULING, ZACHARY P	PLOT NAME :

2

1/15/2020 4:27 PM PLOT BY ULING, ZACH 2

Ε



N:\PDS\C3D\11660514\SHEETSPLAN\023301-AW.DWG FILE NAME : LAYOUT NAME - 01

PLOT DATE : 3/31/2022 11:04 AM PLOT BY : GRULING, ZACHARY P PLOT NAME :

		7 DAYS P	RIOR TO		
		CONSTR	UCTION	*DURING LA	NE CLOSURE
		PHASE 1	PHASE 2	PHASE 1	PHASE 2
SITE	LOCATION	3 SEC	3 SEC	3 SEC	3 SEC
	ONE MILE BEYOND ESTIMATED			STOPPED	USE
NB-01	QUEUE LENGTH			TRAFFIC	BOTH
	MM 154.2			AHEAD	LANES
	500' AHEAD OF RIGHT LANE			STAY	DO
NB-02	CLOSED 1/2 MILE SIGN			IN	NOT
				LANE	MERGE
	200' AHEAD OF LANE DROP	CTY HH	BEGINS	MERGE	TAKE
NB-03	TAPER	BRIDGE	MONTH	HERE	TURNS
		WORK	DAY		
	ONE MILE BEYOND ESTIMATED			STOPPED	USE
SB-01	QUEUE LENGTH			TRAFFIC	BOTH
	250' NORTH OF PLOVER RIVER			AHEAD	LANES
	500' AHEAD OF RIGHT LANE			STAY	DO
SB-02	CLOSED 1/2 MILE SIGN			IN	NOT
				LANE	MERGE
	200' AHEAD OF LANE DROP	CTY HH	BEGINS	MERGE	TAKE
SB-03	TAPER	BRIDGE	MONTH	HERE	TURNS
		WORK	DAY		

*PART OF DYNAMIC LATE MERGE SYSTEM AND ONLY TURN ON WHEN ACTIVATED

GENERAL NOTES FOR PORTABLE CHANGEABLE MESSAGE SIGNS

CONSIDER GEOMETRICS WHEN LOCATING MESSAGE BOARDS SO THE DRIVER HAS A CLEAR VIEW OF THE SIGN FOR A MINIMUM OF 1000 FEET IN FRONT OF THE MESSAGE BOARD.

MESSAGE SIGNS SHOULD BE PLACED AS FAR AWAY FROM LIVE TRAFFIC LANES AS POSSIBLE WITHOUT HAMPERING VISIBILITY. IN ADVANCE OF INTERSTATE CONSTRUCTION PROJECTS, THE SIGNS SHOULD BE PLACED ON THE BACKSLOPE BEYOND THE DITCH LINE. THE LOCATIONS SELECTED SHOULD BE AT OR SLIGHTLY ABOVE THE ELEVATION OF THE ROADWAY. FOR INTERMITTANT WORK, SUCH AS FREEWAY LANE CLOSURE, OR WHERE SITE CONDITIONS DO NOT ALLOW OTHERWISE, THE SIGNS MAY BE PLACED ON THE SHOULDER.

THE SITE SHOULD BE VISITED TO ASSURE VISIBILITY, SAFETY AND MAINENANCE CONSIDERATIONS.

A TAPER OF FIVE (5) REFLECTORIZED DRUMS OR BARRICADES SHALL BE PLACED AHEAD OF PCMS PLACED ON THE SHOULDER IF IT IS NOT SHIELDED BY A BARRIER.

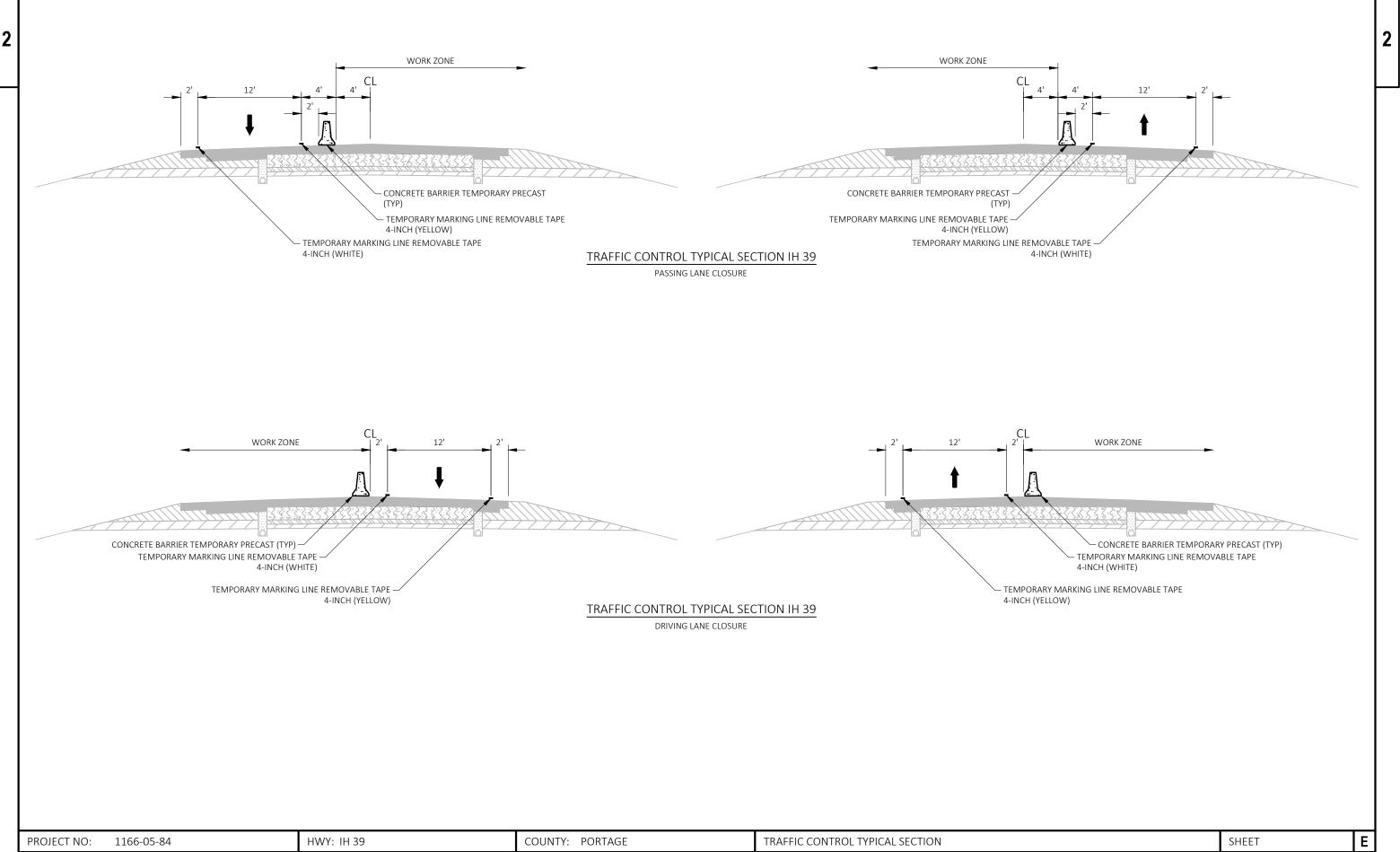
HAVE MESSAGE BOARDS IN PLACE AND DISPLAYING THE "PRIOR TO CONSTRUCTION" MESSAGE 7 DAYS PRIOR TO EXPECTED START OF THE IH 39 ROAD WORK THAT WILL REQUIRE LANE CLOSURES ON IH 39.

PROJECT NO: 1166-05-84	HWY: IH 39	COUNTY: PORTAGE	TRAFFIC CONTROL – PCMS N	MESSAGES
FILE NAME : N:\pds\c3d\11660584\025003-tc.ppt		PLOT DATE : February 19, 2020	PLOT BY : Zach Gruling ©	PLOT NAME : Traffic Control

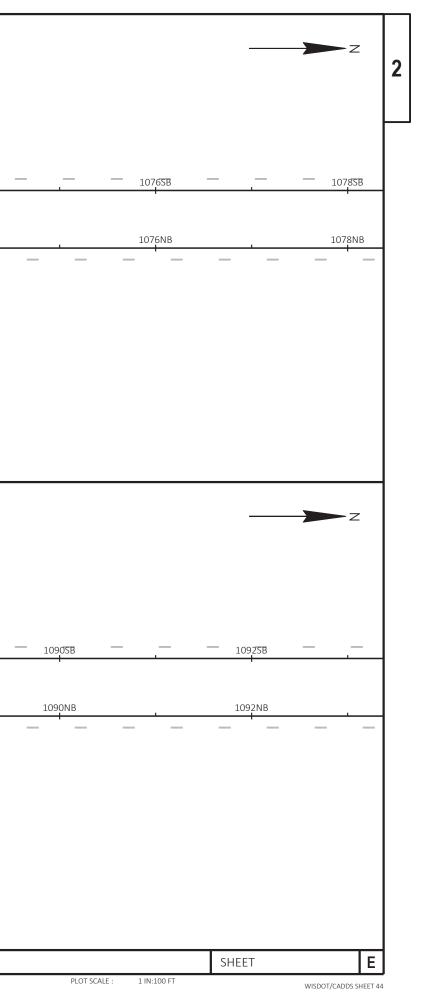
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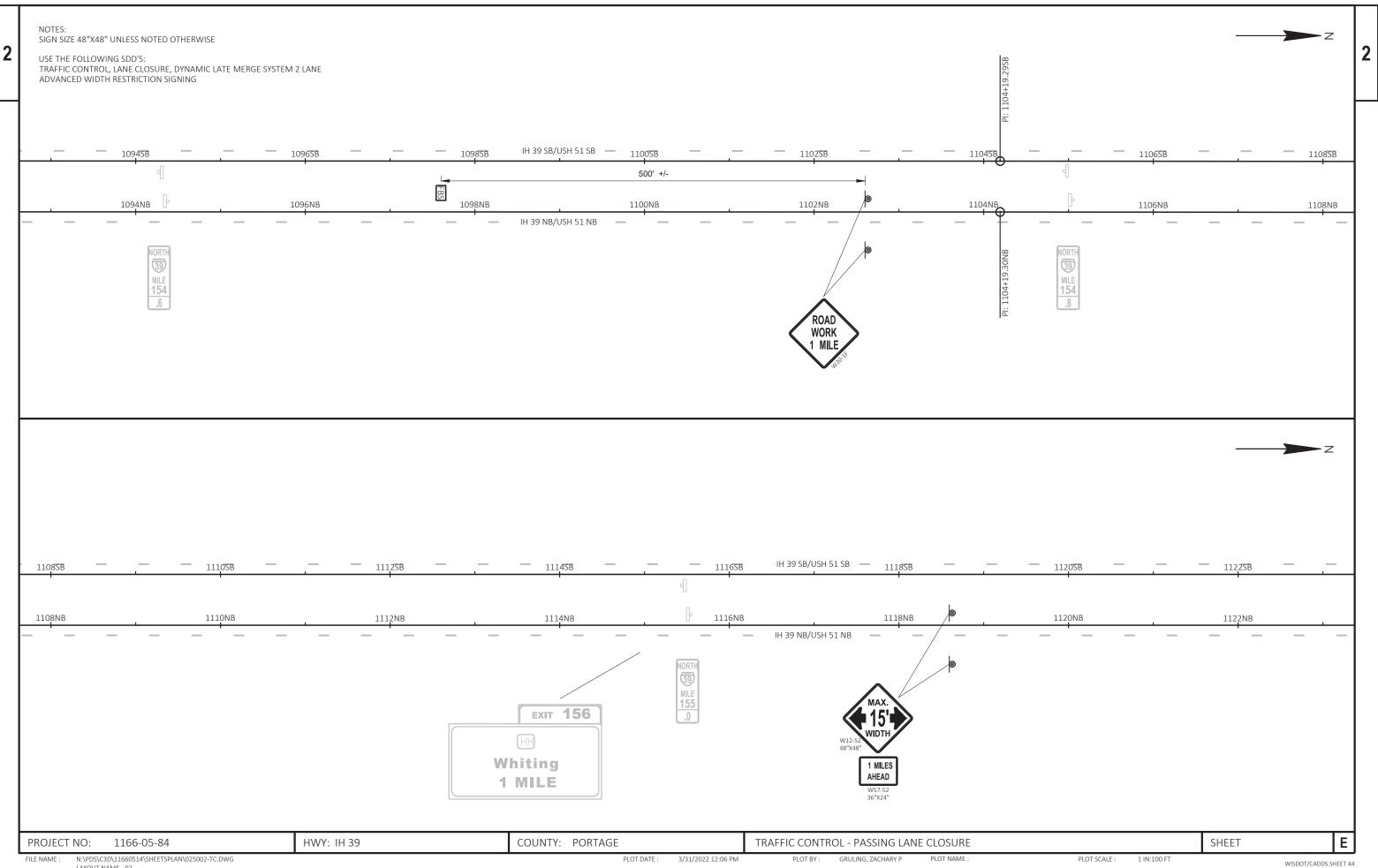
2

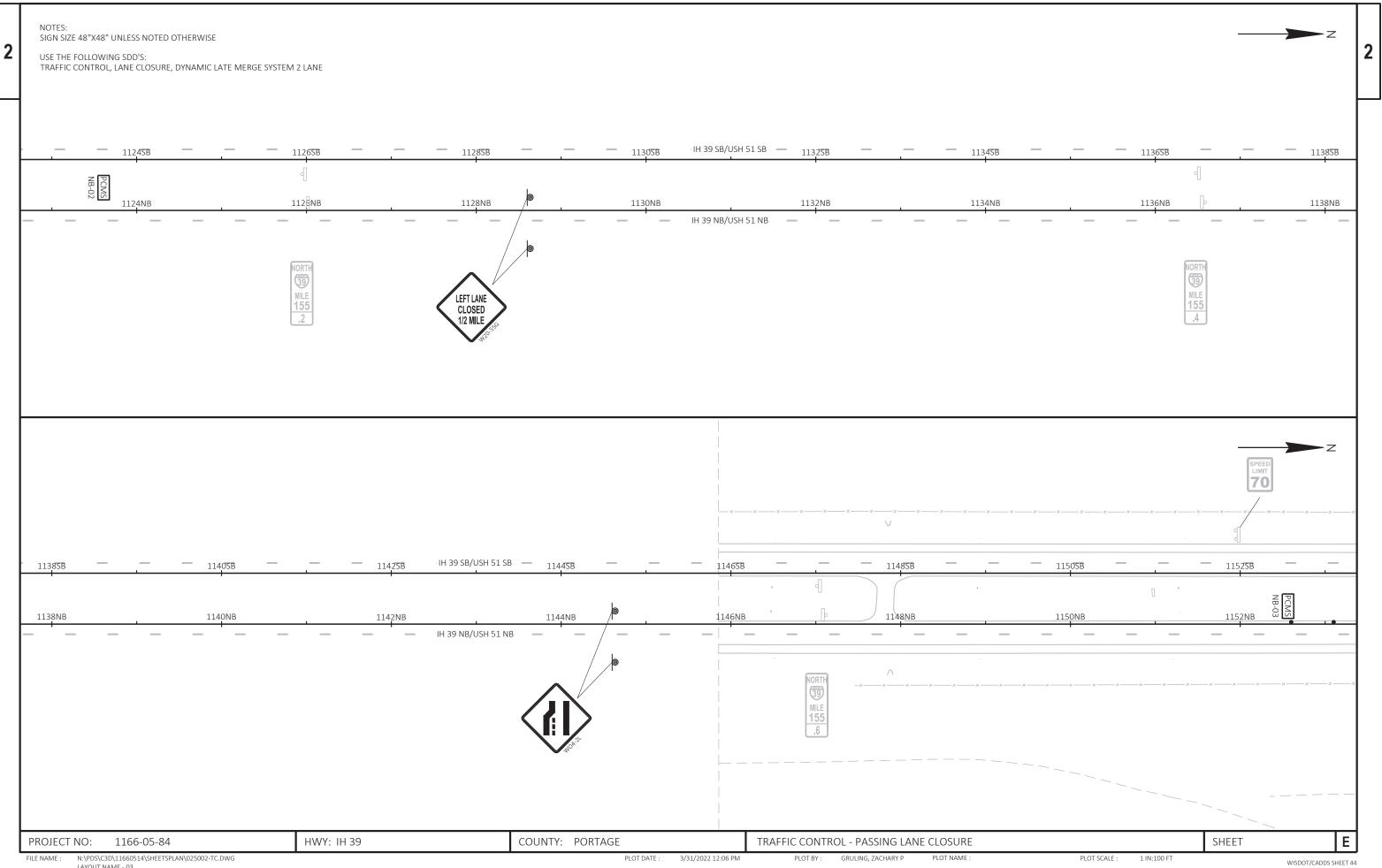
Е



		GE SYSTEM 2 LANE								
1064	4SB —	10665B		10685B		1070SB	HH 39 SB/USH 51 SE	1072SB		1074
1064	4NB	1066NB		1068NB		1070NB		1072NB	PCMS	074
							IH 39 NB/USH 51 NI	3 — —		`
										NORTH
										MILE 154 .2
107858 —					10845B		10865B	IH 39 SB/USH 51	SB — 10885B	_
10785B —			10825B		0			IH 39 SB/USH 51	SB — 10885B	
10785B 1078NB			10825B				10865B 1086NB		1088NB	
1078NB	ŀ				а 1084NB — — —		1086NB	H 39 SB/USH 51	1088NB	
1078NB	ŀ				1084NB		1086NB		1088NB	
1078NB	ŀ				1084NB		1086NB		1088NB	
1078NB	ŀ				1084NB 1084NB 		1086NB		1088NB	
1078NB	ŀ				1084NB 1084NB 		1086NB		1088NB	



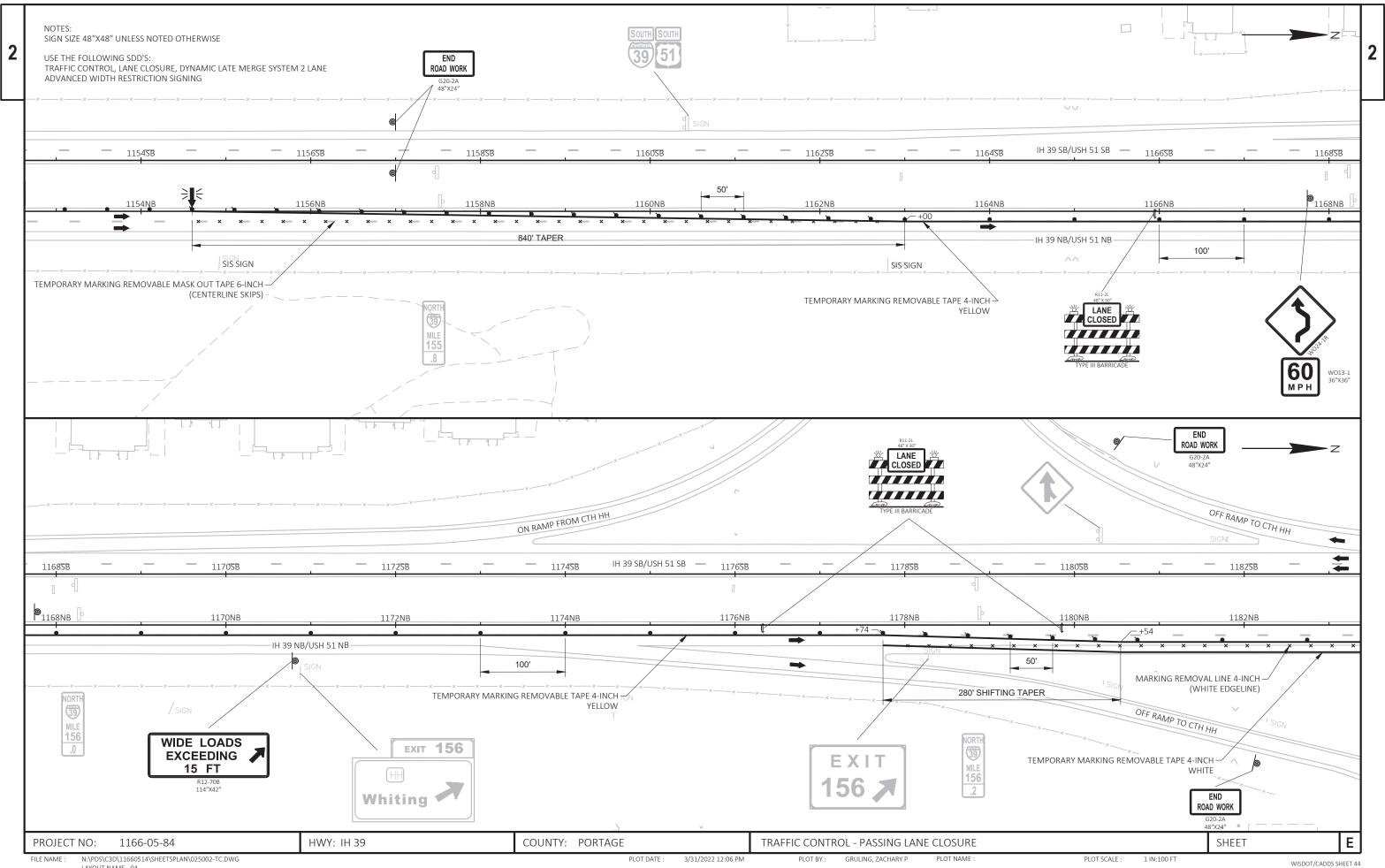




FILE NAME : N:\PDS\C3D\11660514\SHEETSPLAN\025002-TC.DWG LAYOUT NAME - 03

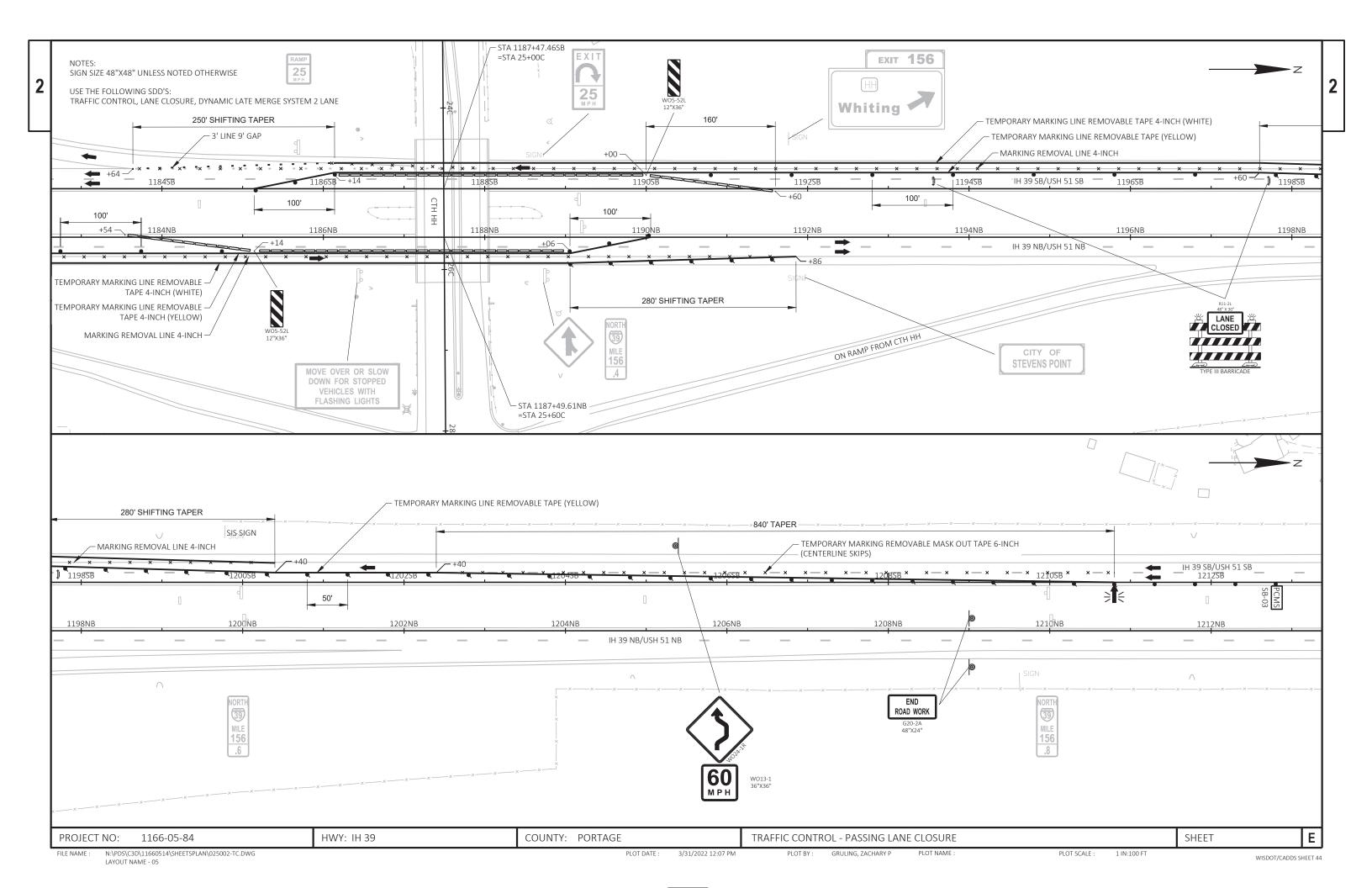
PLOT DATE : 3/31/2022 12:06 PM PLOT BY : GRULING, ZACHARY P

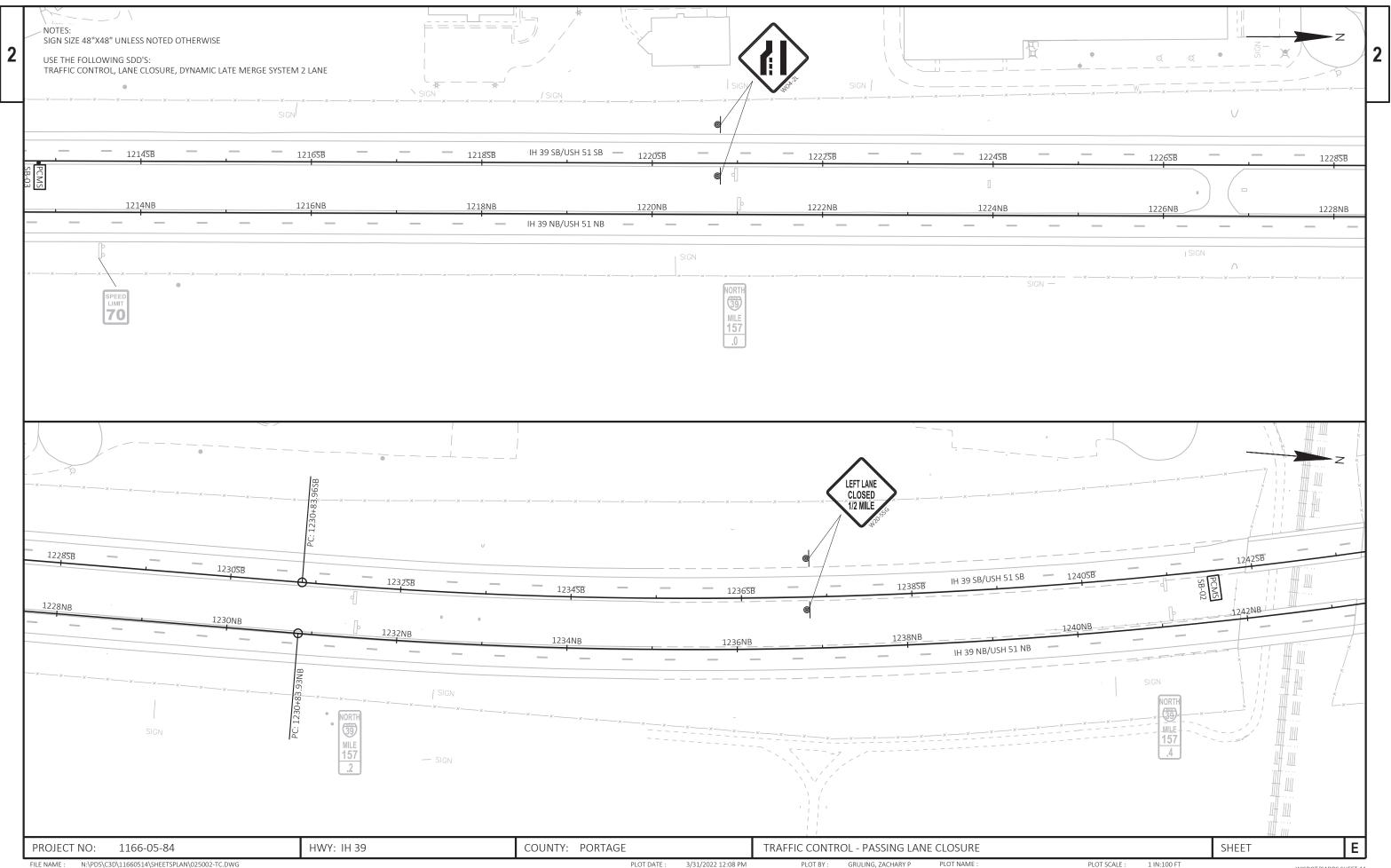
PLOT NAME :



LAYOUT NAME - 04

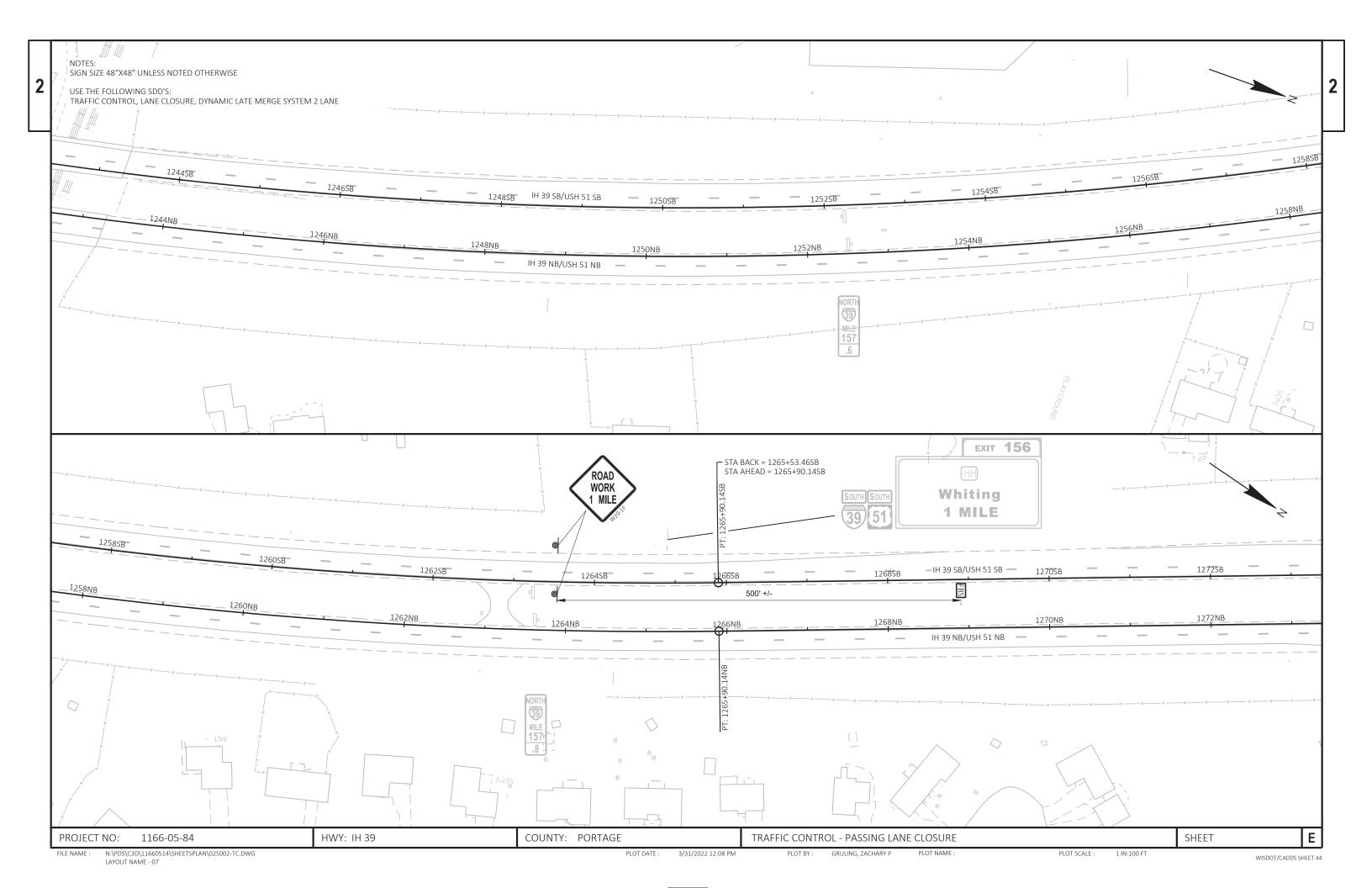
PLOT DATE : 3/31/2022 12:06 PM PLOT BY : GRULING, ZACHARY P

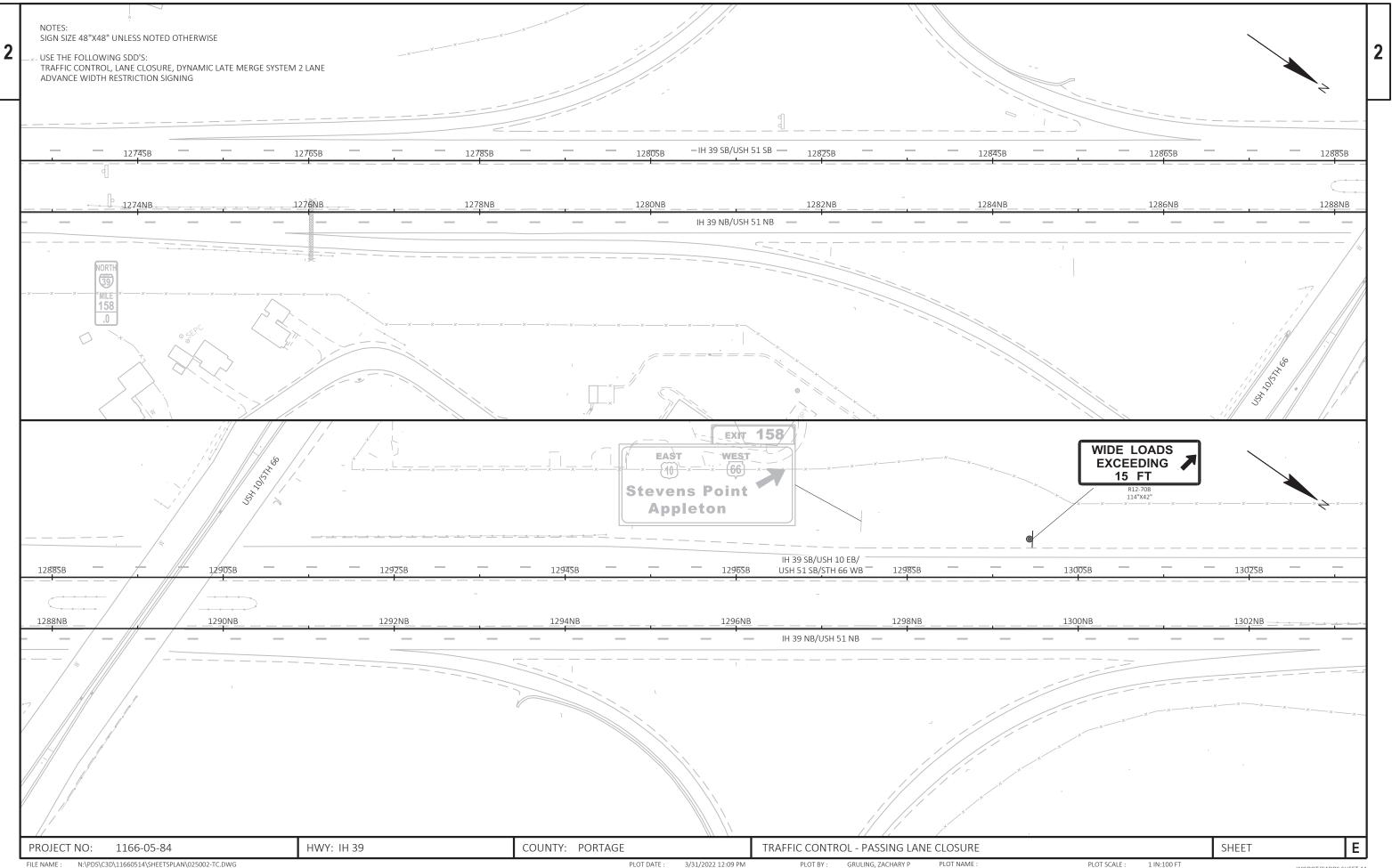




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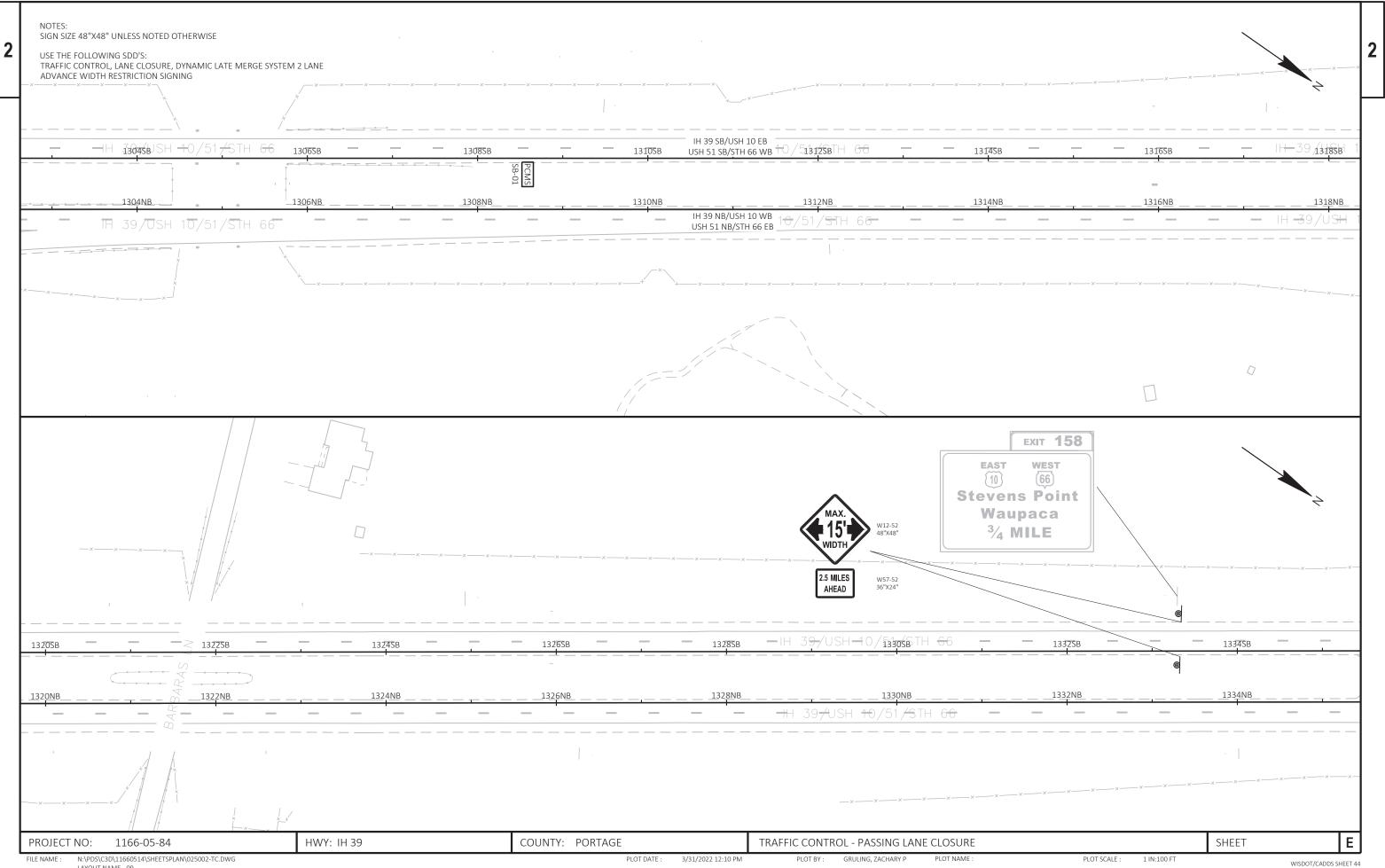
PLOT DATE : 3/31/2022 12:08 PM PLOT BY : GRULING, ZACHARY P





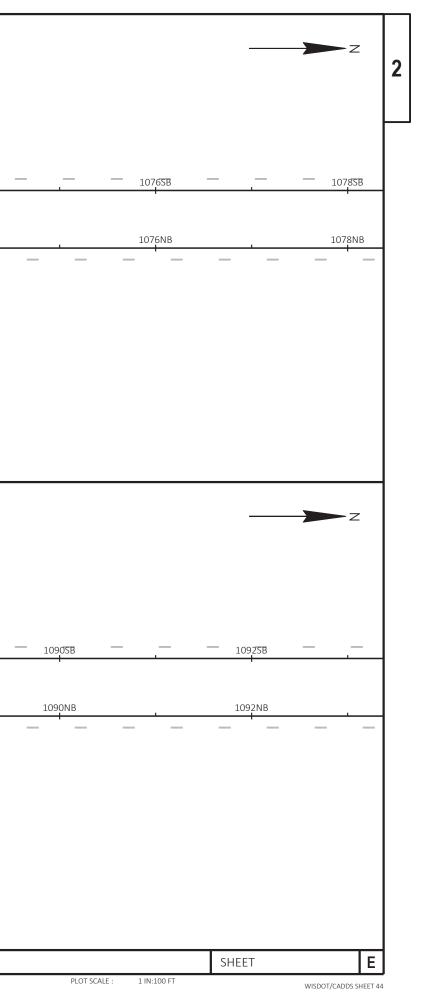
FILE NAME : N:\PDS\C3D\11660514\SHEETSPLAN\025002-TC.DWG LAYOUT NAME - 08

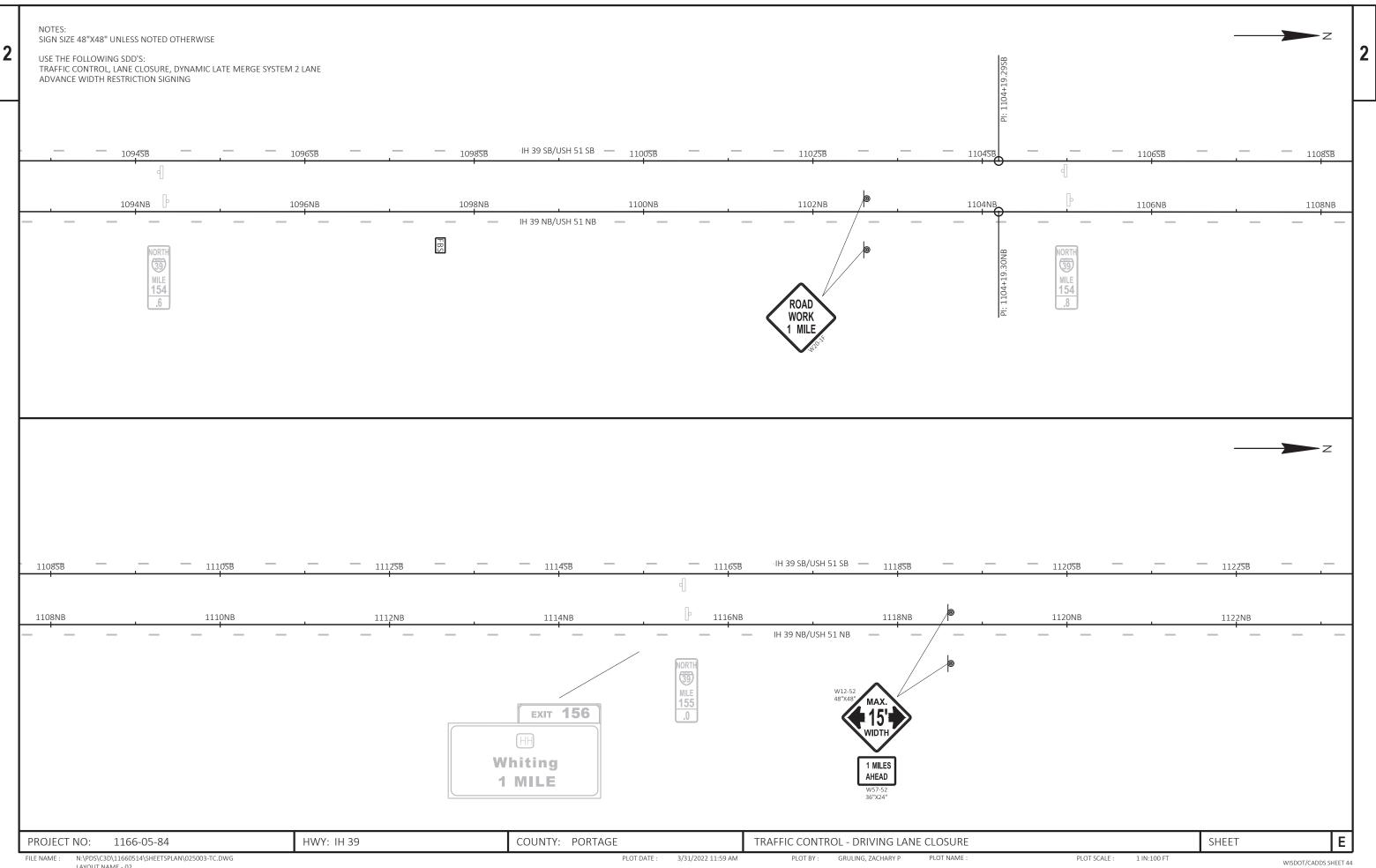
WISDOT/CADDS SHEET 44



	LLOWING SDD'S: NTROL, LANE CLOSURE,	, DYNAMIC LATE MERGE	E SYSTEM 2 LANE								
			10665B		— 10685B			IH 39 SB/USH 51	SB — 10725B		107-
	1064NB		1066NB		1068NB		1070NB		1072NB		9 107
								IH 39 NB/USH 51	NB — —		
										PCMS	NORTH 39 MILE 154 .2
10785B		1080SB		— 10825B		10845B		10865B	IH 39 SB/USH 51 SB	10885B	
10785B		10805B		10825B						1088NB	_
I		ł		ł		c			- IH 39 SB/USH 51 SB - - IH 39 NB/USH 51 NB	1088NB	_
1078NB		ł		ł		1084NB		1086NB		1088NB	
1078NB		ł		ł		1084NB		1086NB		1088NB	

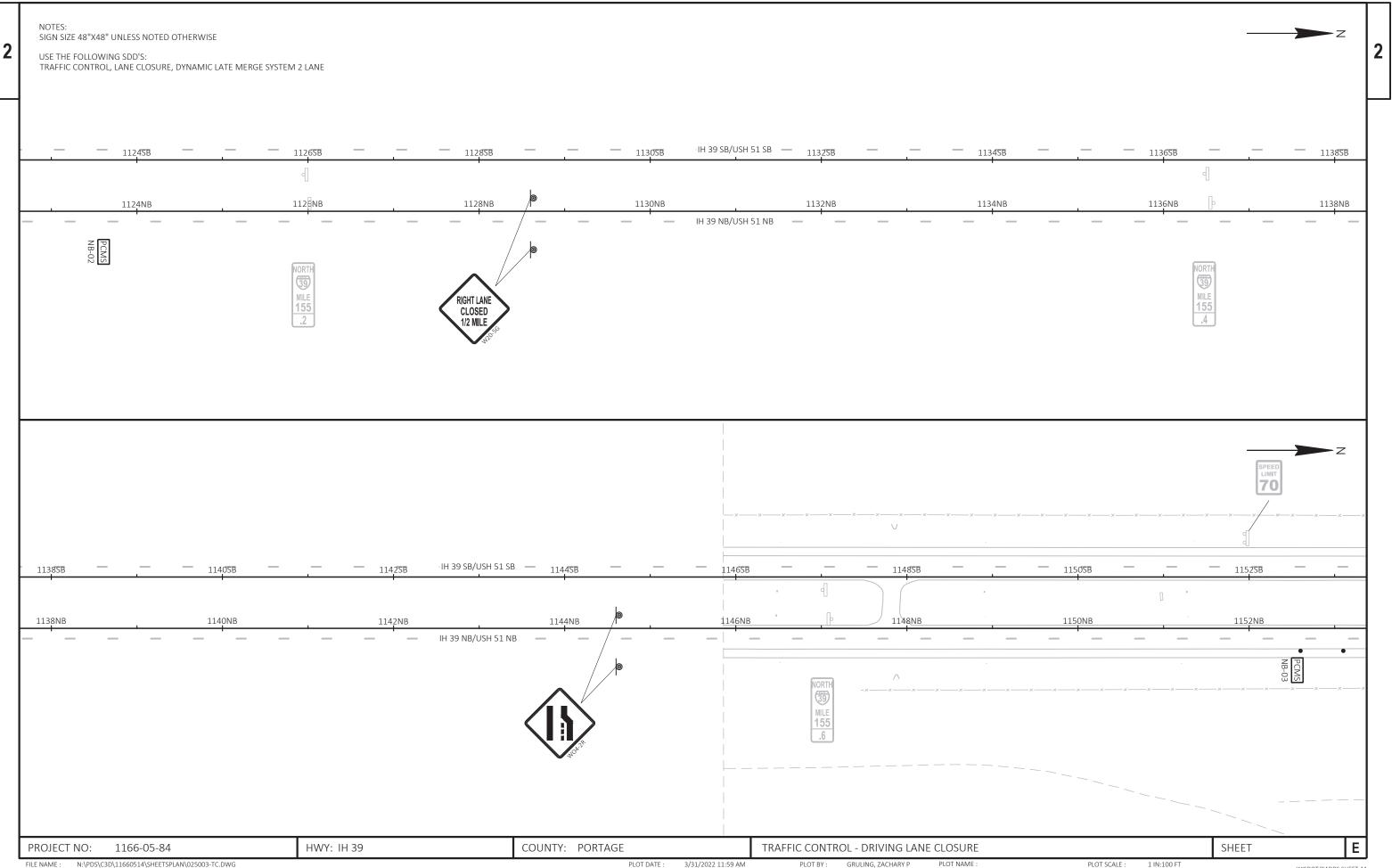
FILE NAME : N:\PDS\C3D\11660514\SHEETSPLAN\025003-TC.DWG LAYOUT NAME - 01 PLOT DATE : 3/31/2022 11:59 AM PLOT BY : GRULING, ZACHARY P PLOT NAME :



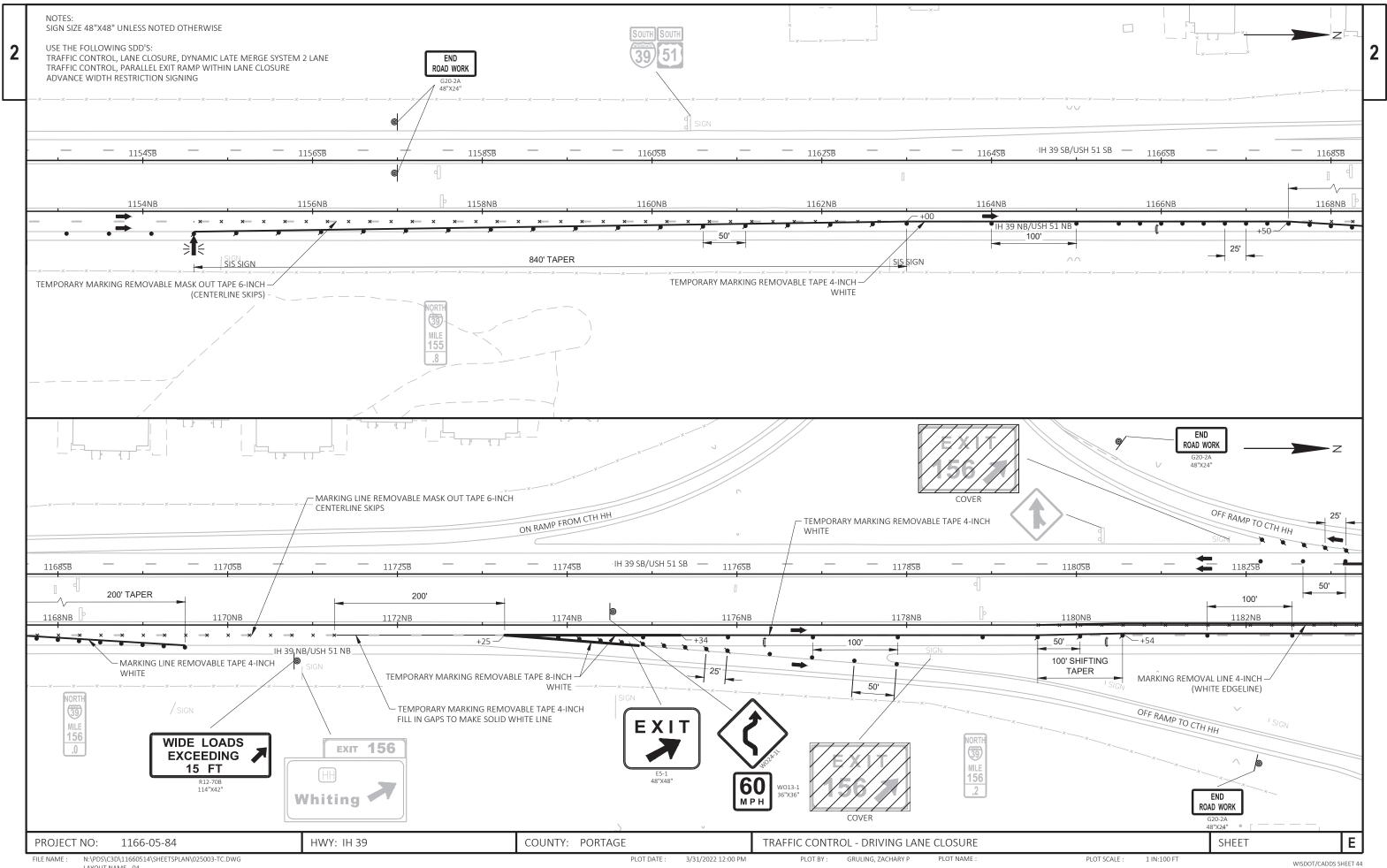


LAYOUT NAME - 02

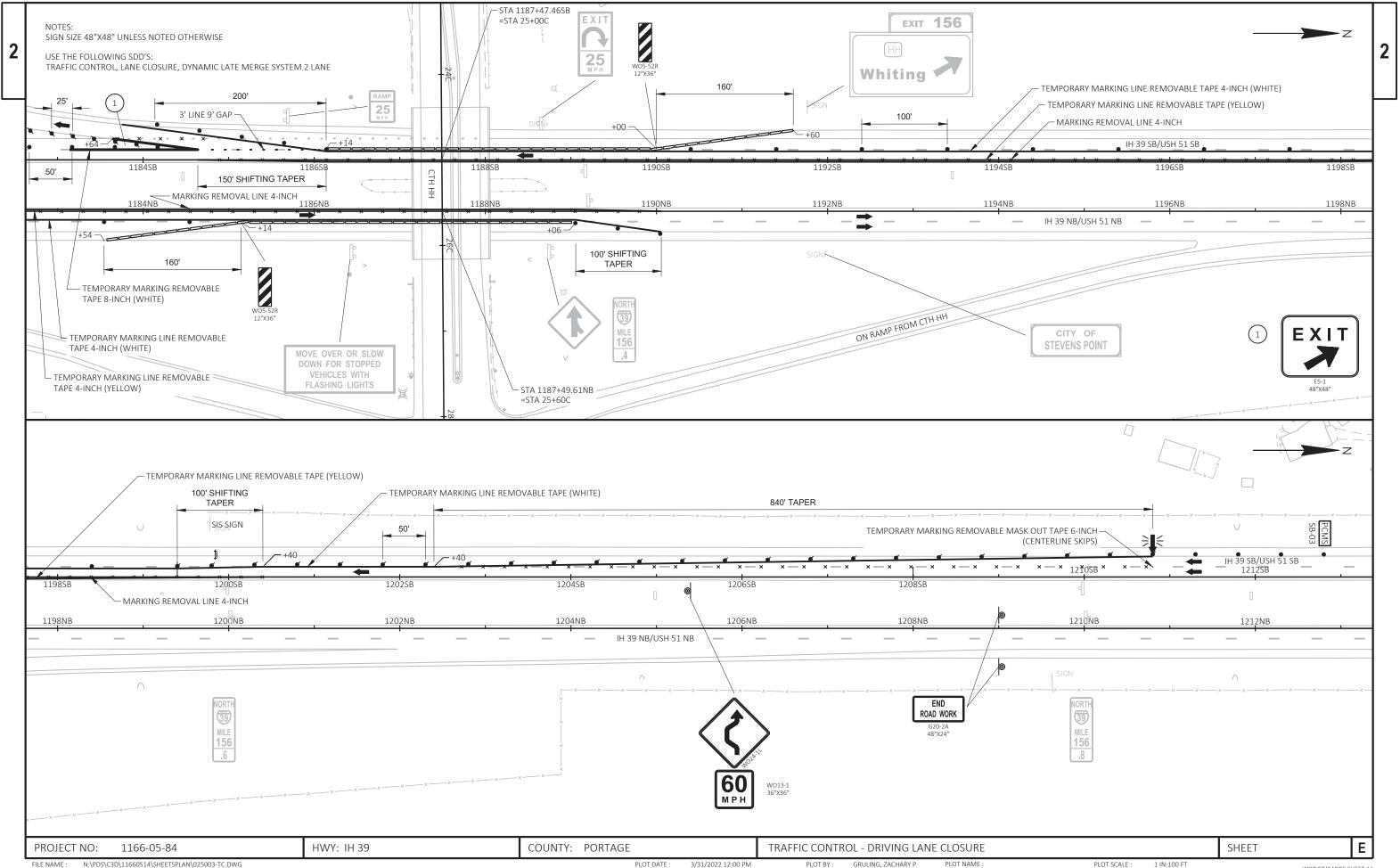
PLOT DATE : 3/31/2022 11:59 AM



WISDOT/CADDS SHEET 44

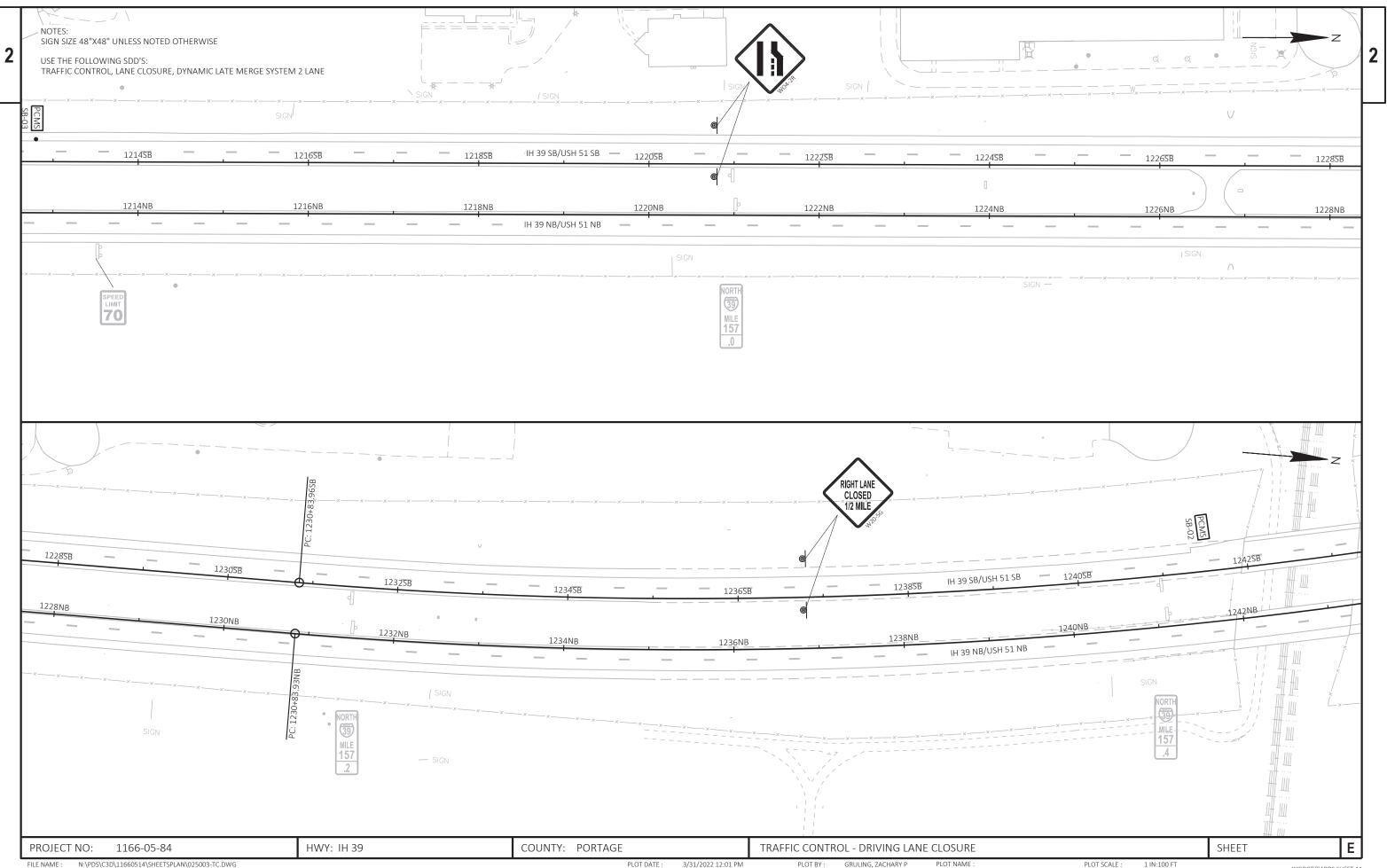


LAYOUT NAME - 04



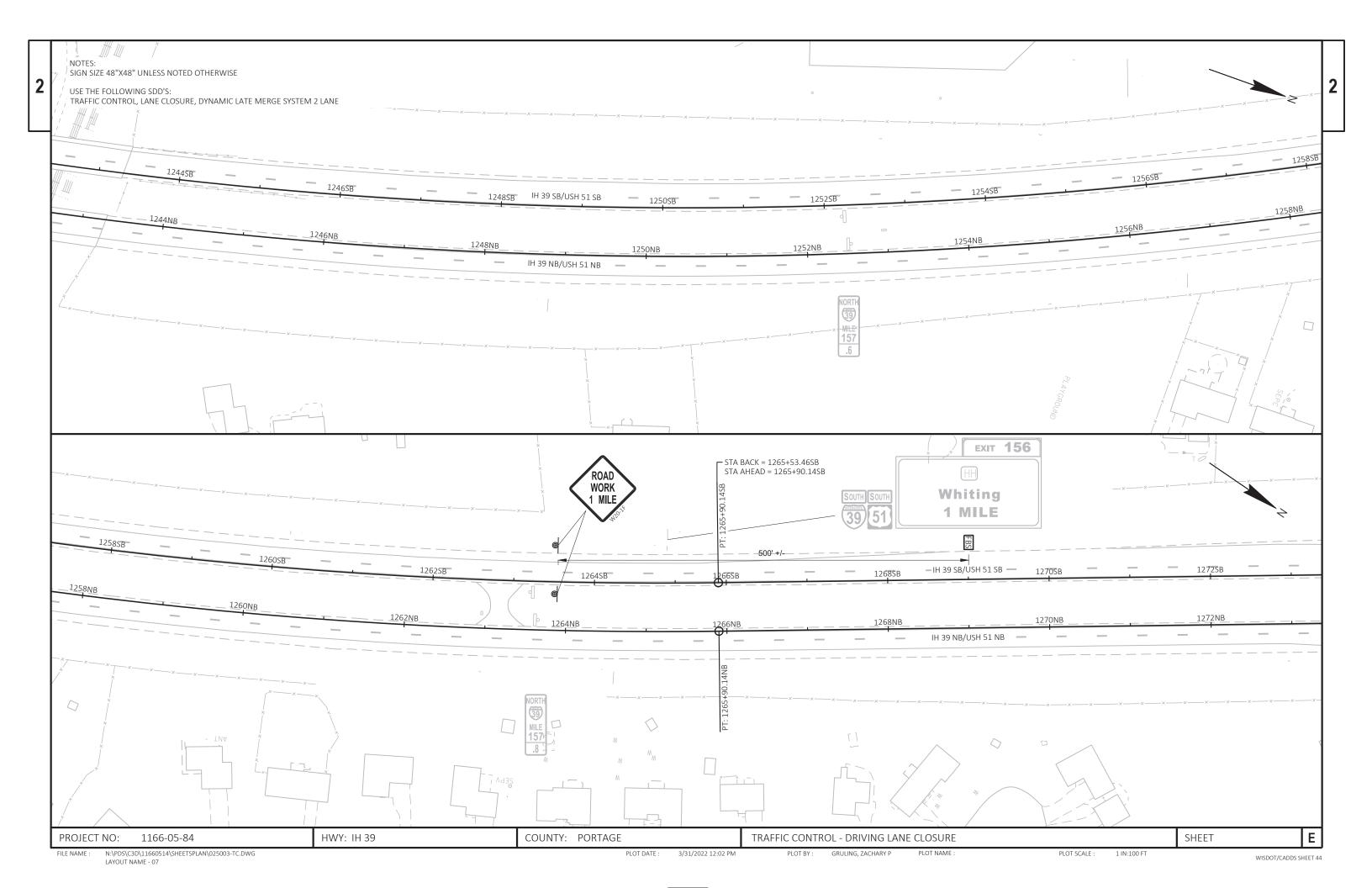
LAYOUT NAME - 05

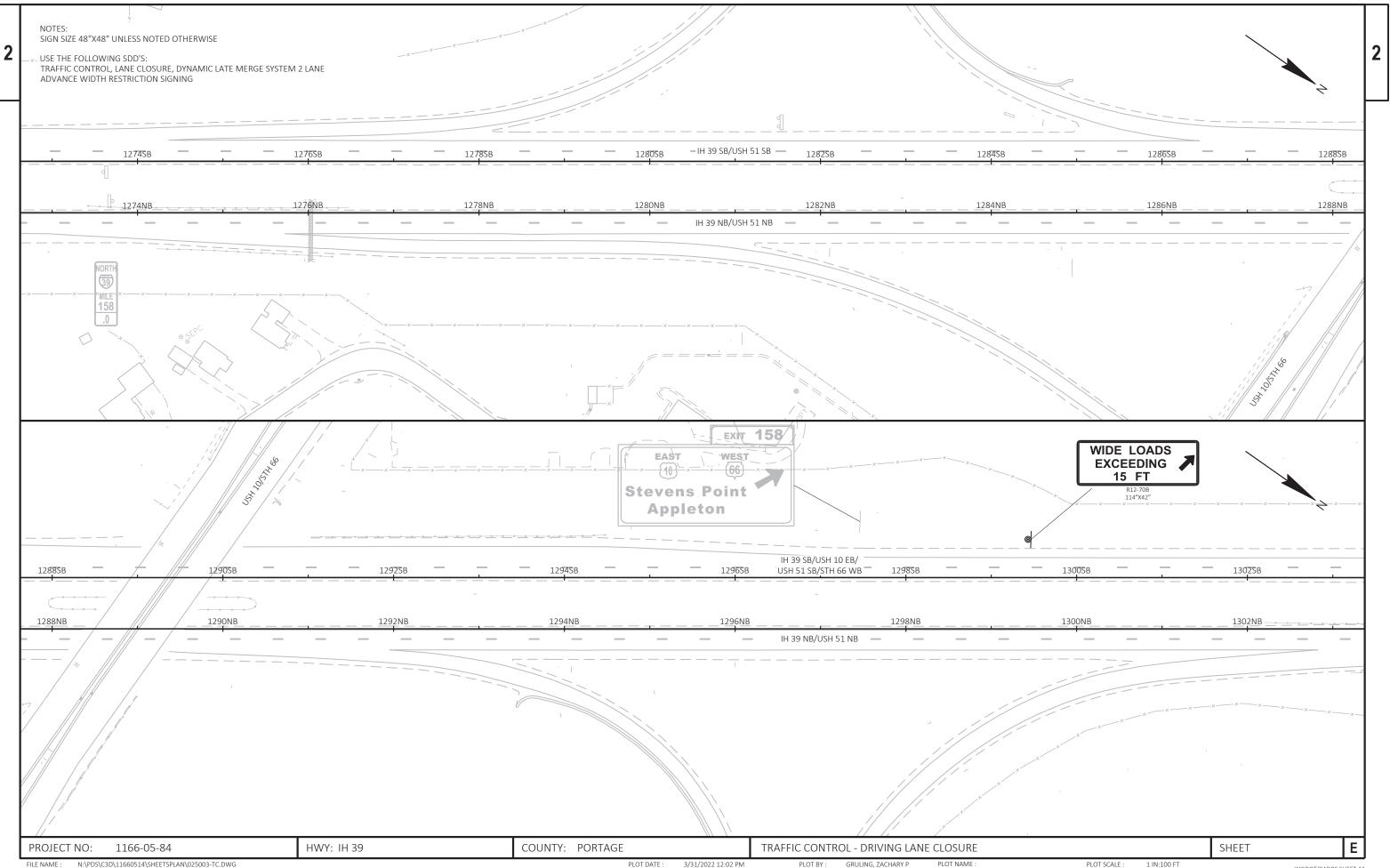
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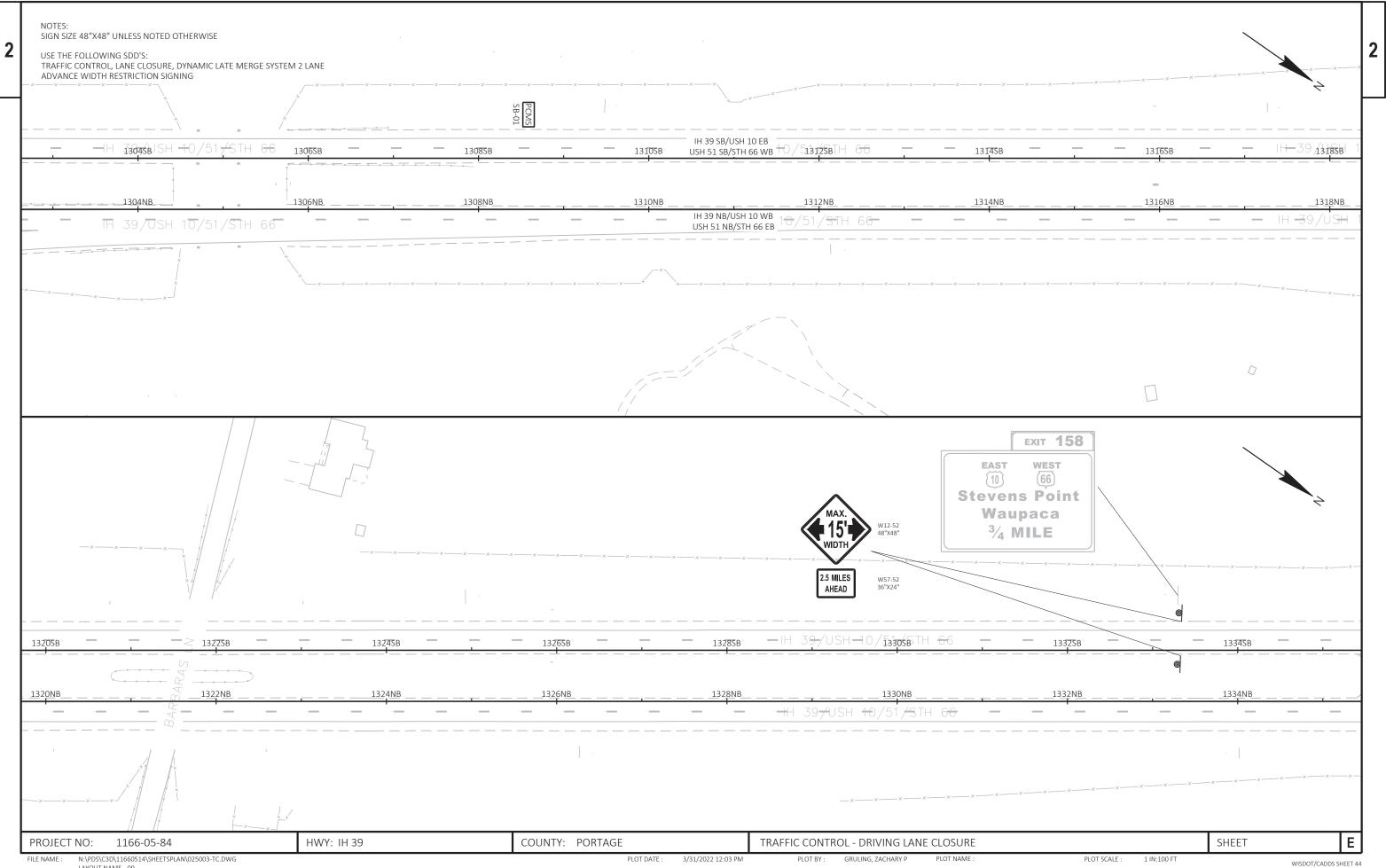
PLOT DATE : 3/31/2022 12:01 PM PLOT BY : GRULING, ZACHARY P





FILE NAME : N:\PDS\C3D\11660514\SHEETSPLAN\025003-TC.DWG LAYOUT NAME - 08

WISDOT/CADDS SHEET 44



FILE NAME : N:\PDS\C3D\11660514\SHEETSPLAN\025003-TC.DWG LAYOUT NAME - 09

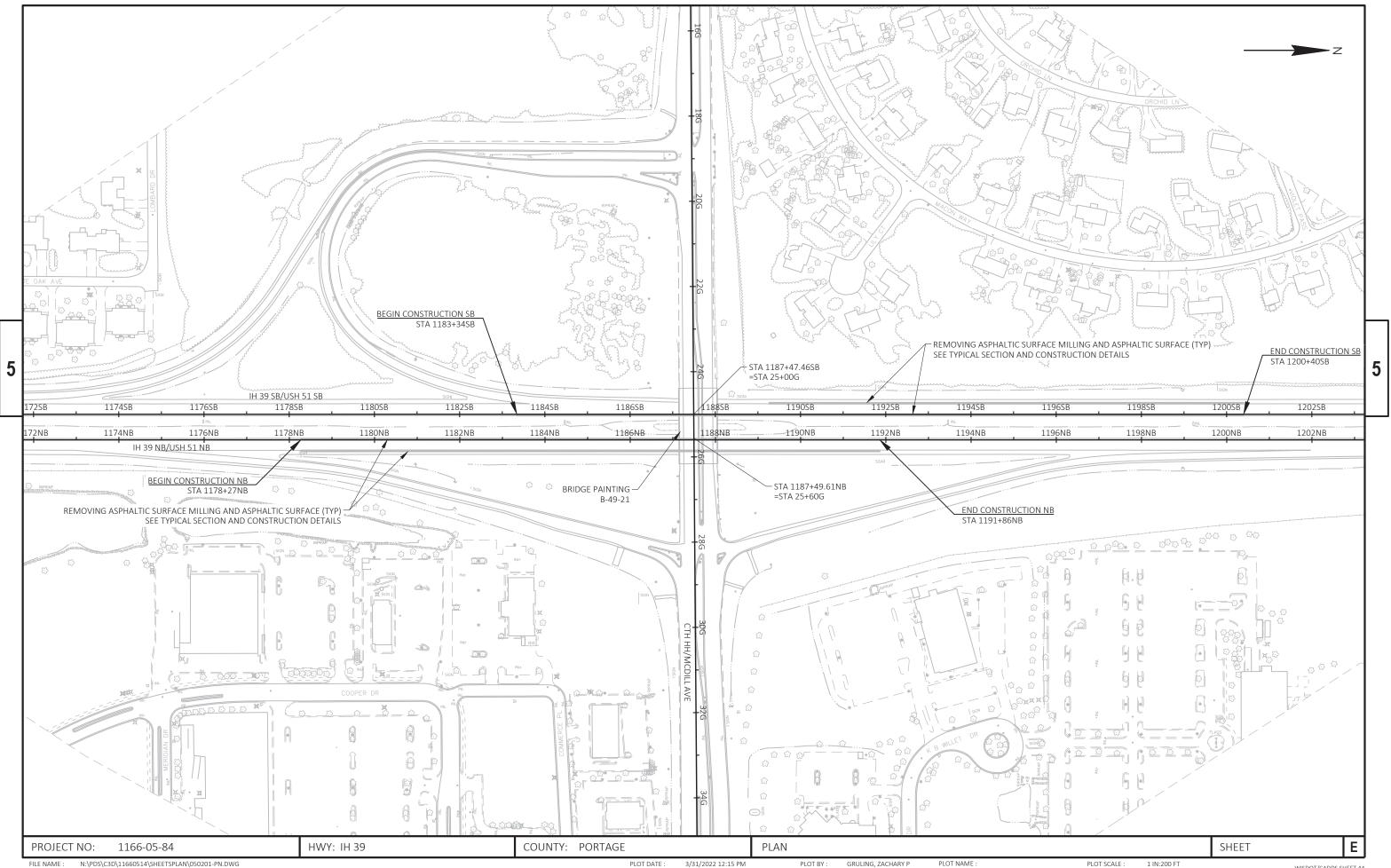
PLOT DATE : 3/31/2022 12:03 PM PLOT BY : GRULING, ZACHARY P Estimate Of Quantities

					1166-05-84	
Line	Item	Item Description	Unit	Total	Qty	
0002	204.0115	Removing Asphaltic Surface Butt Joints	SY	18.000	18.000	
0004	204.0120	Removing Asphaltic Surface Milling	SY	2,325.000	2,325.000	
0006	213.0100	Finishing Roadway (project) 01. 1166-05-84	EACH	1.000	1.000	
8000	305.0110	Base Aggregate Dense 3/4-Inch	TON	44.000	44.000	
0010	455.0605	Tack Coat	GAL	165.000	165.000	
0012	465.0105	Asphaltic Surface	TON	236.000	236.000	
0014	465.0400	Asphaltic Shoulder Rumble Strips	LF	5,231.000	5,231.000	
0016	517.1801.S	Structure Repainting Recycled Abrasive (structure) 01. B-49-21	EACH	1.000	1.000	
0018	517.4501.S	Negative Pressure Containment and Collection of Waste Materials (structure) 01. B-49-21	EACH	1.000	1.000	
0020	517.6001.S	Portable Decontamination Facility	EACH	1.000	1.000	
0022	603.8000	Concrete Barrier Temporary Precast Delivered	LF	1,098.000	1,098.000	
0024	603.8125	Concrete Barrier Temporary Precast Installed	LF	2,196.000	2,196.000	
0026	618.0100	Maintenance And Repair of Haul Roads (project) 01. 1166-05-84	EACH	1.000	1.000	
0028	619.1000	Mobilization	EACH	1.000	1.000	
0030	624.0100	Water	MGAL	0.440	0.440	
0032	642.5201	Field Office Type C	EACH	1.000	1.000	
0034	643.0300	Traffic Control Drums	DAY	4,494.000	4,494.000	
0036	643.0420	Traffic Control Barricades Type III	DAY	84.000	84.000	
0038	643.0705	Traffic Control Warning Lights Type A	DAY	168.000	168.000	
0040	643.0715	Traffic Control Warning Lights Type C	DAY	2,394.000	2,394.000	
0042	643.0800	Traffic Control Arrow Boards	DAY	84.000	84.000	
0044	643.0900	Traffic Control Signs	DAY	2,142.000	2,142.000	
0046	643.0920	Traffic Control Covering Signs Type II	EACH	2.000	2.000	
0048	643.1051	Traffic Control Signs PCMS with Cellular Communications	DAY	14.000	14.000	
0050	643.1100.S	Dynamic Late Merge System	DAY	84.000	84.000	
0052	643.5000	Traffic Control	EACH	1.000	1.000	
0054	646.1020	Marking Line Epoxy 4-Inch	LF	8,456.000	8,456.000	
0056	646.1041.S	Marking Replace Line Wet Reflective Epoxy 4-Inch	LF	1,168.000	1,168.000	
0058	646.3041.S	Marking Replace Line Wet Reflective Epoxy 8-Inch	LF	50.000	50.000	
0060	646.9000	Marking Removal Line 4-Inch	LF	5,473.000	5,473.000	
0062	649.0150	Temporary Marking Line Removable Tape 4-Inch	LF	17,493.000	17,493.000	
0064	649.0250	Temporary Marking Line Removable Tape 8-Inch	LF	618.000	618.000	
0066	649.0960	Temporary Marking Removable Mask Out Tape 6-Inch	LF	625.000	625.000	
0068	ASP.1T0A	On-the-Job Training Apprentice at \$5.00/HR	HRS	300.000	300.000	
0070	ASP.1T0G	On-the-Job Training Graduate at \$5.00/HR	HRS	600.000	600.000	



	S ARE CATERGOR	RY 0010 UNLES	SS NOTED OTH	IERWISE	<u>T/</u>	ACK COAT &	ASPHALTIC SU	JRFACE		REMO	VING ASPHAL	LTIC SURFACE	<u>E BUTT JOINTS</u>
	REMOVING A							455.0605	465.0105 ASPHALTIC	STA	TION I	LOCATION	204.0115 SY
STA	TION - STATION	LOCATION	204.0120 SY	REMARKS	STATION - STATION	LOCATION	THICKNESS INCH	TACK COAT GAL	SURFACE TON		′9+54 ′8+24	NB LT NB RT	2 2
	9+54 - 1190+06 3+27 - 1191+86	NB LT NB RT	468 604		1179+54 - 1190+06 1178+27 - 1191+86	NB LT NB RT	1.75 1.75	33 43	48 61	118	33+34 9+26	SB LT SB RT	2 2
1183	3+34 - 1200+40 9+26 - 1200+40	SB LT SB RT	758 495		1183+34 - 1200+40 1189+26 - 1200+40	SB LT SB RT	1.75 1.75	54 35	77 50	119	00+06 11+89 10+40	NB LT NB RT SB LT & RT	2 2 4
		TOTAL	2325				TOTAL	165	236			TOTAL	18
		CONCRE	ETE BARRIER	TEMPORARY PR	ECAST			<u> </u>	MARKING REPL	ACE WET RE	FLECTIVE E	POXY	
STATI	ON - STATION	LOCATION	603.8000 DELIVERE LF) REMARKS	_	ST	ATION - STATIO	N LOCATION	646.1041.S 4-INCH WHITE LF	646.3041.9 8-INCH WHITE LF	S REMARKS	S
1183+ 1183+ 1186+	-54 - 1189+06	NB NB SB	552 546	552 552 546	PASSING LANE CLOSU DRIVING LANE CLOSU PASSING LANE CLOSU	RE	11	176+74 - 1192+8	6 NB CL	403	50		<u> </u>
1186+		SB		546	DRIVING LANE CLOSU			184+64 - 1210+80 183+64 - 1188+00		654 111		3' LINE 9'	GAP AT RAM
		TOTALS	1098	2196					TOTAL	. 1168	50	_	
			TRAFFIC CO	NTROL					MARKING	<u> LINE EPOX</u>	<u>Y</u>		
				643.0920						646.1020	646.1020		
			NUMBER	COVERING SIGNS TYPE II				STATION - STATIC	ON LOCATION	4-INCH WHITE LF	4-INCH YELLOW LF	REMARKS	
		CYCLES	NUMBER OF SIGNS	SIGNS TYPE II EACH				1176+74 - 1192+8	36 NB LT & RT	4-INCH WHITE LF 1612	4-INCH YELLOW LF 1612	REMARKS	
	LOCATION NB EXIT 156 SB EXIT 156	CYCLES 1 1		SIGNS TYPE II EACH 1 DRI	REMARKS /ING LANE CLOSURE /ING LANE CLOSURE				36 NB LT & RT	4-INCH WHITE LF	4-INCH YELLOW LF	REMARKS	
	NB EXIT 156	1		SIGNS TYPE II EACH 1 DRI	VING LANE CLOSURE			1176+74 - 1192+8	36 NB LT & RT 30 SB LT & RT	4-INCH WHITE LF 1612 2616	4-INCH YELLOW LF 1612 2616 4228	REMARKS	
ASPI	NB EXIT 156	1 1	OF SIGNS 1 1 TOTALS	SIGNS TYPE II EACH 1 DRI 1 DRI	VING LANE CLOSURE	& WATER		1176+74 - 1192+8	36 NB LT & RT 30 SB LT & RT SUBTOTAL TOTAL	4-INCH WHITE LF 1612 2616 4228	4-INCH YELLOW LF 1612 2616 4228 66		
	NB EXIT 156 SB EXIT 156 HALTIC SHOULD	1 1 ER RUMBLE S	OF SIGNS 1 1 TOTALS	SIGNS TYPE II EACH 1 DRI DRI 2	VING LANE CLOSURE VING LANE CLOSURE BASE AGGREGATE DENSE 305.0110 3/4-INCH	624.0100 WATER		1176+74 - 1192+8 1184+64 - 1210+8	36 NB LT & RT 30 SB LT & RT SUBTOTAL TOTAL <u>M</u>	4-INCH WHITE LF 1612 2616 4228 845 ARKING REM	4-INCH YELLOW LF 1612 2616 4228 66	<u>4-INCH</u>	EXISTING MARKING
STATIO 1179+54 1178+2	NB EXIT 156 SB EXIT 156 HALTIC SHOULD N - STATION I 4 - 1190+06 7 - 1191+86	1 1 ER RUMBLE S LOCATION NB LT NB RT	OF SIGNS 1 1 TOTALS STRIP 465.0400 LF 1052 1359	SIGNS TYPE II EACH 1 DRI 1 DRI	VING LANE CLOSURE VING LANE CLOSURE BASE AGGREGATE DENSE 305.0110 3/4-INCH N LOCATION TON	624.0100		1176+74 - 1192+8 1184+64 - 1210+8 STATION 1179+54 1177+74	 36 NB LT & RT 30 SB LT & RT SUBTOTAL TOTAL M STATION 1190+06 1191+86 	4-INCH WHITE LF 1612 2616 4228 845 ARKING REM OCATION NB LT NB LT NB RT	4-INCH YELLOW LF 1612 2616 4228 66 MOVAL LINE 646.9000 LF 1052 1412	E 4-INCH REMARKS - I DRIVING LANI PASSING LAN	E CLOSURE IE CLOUSRE
STATIO 1179+54 1178+2 1183+34	NB EXIT 156 SB EXIT 156 HALTIC SHOULD N - STATION I 4 - 1190+06	1 1 ER RUMBLE S LOCATION	OF SIGNS 1 1 TOTALS STRIP 465.0400 LF 1052	SIGNS TYPE II EACH 1 DRI 1 DRI 2 2 STATION - STATIO	VING LANE CLOSURE VING LANE CLOSURE BASE AGGREGATE DENSE 305.0110 3/4-INCH N LOCATION TON	624.0100 WATER MGAL	REMARKS	1176+74 - 1192+8 1184+64 - 1210+8 STATION 1179+54 1177+74 1184+64	 36 NB LT & RT 30 SB LT & RT SUBTOTAL TOTAL M STATION 1190+06 	4-INCH WHITE LF 1612 2616 4228 845 ARKING REM OCATION	4-INCH YELLOW LF 1612 2616 4228 66 MOVAL LINE 646.9000 LF 1052 1412 1576	E 4-INCH REMARKS - I DRIVING LANI	e closure Je clousre E closure

	ARE CATERO		JOINEL			TRAFFIC CON	NTROL												<u> SYSTEM (DLI</u>		
						643.0420		43.0705 ARNING		643.0715 WARNING		643.0800		643.0900 TRAFFIC		LOCATION		AGE	DISTANCE (MILES)	64	3.01100.S DAY
		STAGE		643.0300 DRUMS		BARRICADES TYPE III	L	LIGHTS		LIGHTS TYPE C		ARROW BOARDS		CONTROL		IH 39 NB		NE CLOSURE NE CLOSURE	2		42
LOC	ATION	DAYS	QTY	DAYS	QTY	DAYS	QTY	DAYS	QTY	DAYS	QTY	DAYS	QTY	DAYS		IH 39 SB		NE CLOSURE	2		42
	EET 2 EET 3	21 21	0 2	0 42	0 0	0 0	0	0 0	0 0	0	0 0	0	2 5	42 105						TOTAL	84
	ET 4	21	42	882	2	42	4	84	24	504	1	21	6	126							
	EET 5	21	47	987	0	0	0	0	27	567	1	21	6	126		TEMPO	ORARY MA		IOVABLE MAS	K OUT TAF	<u>E</u>
	EET 6 EET 7	21 21	0 0	0	0 0	0	0	0 0	0	0	0 0	0	5 2	105 42							
	LANE CLOSUR		-	1911		42		84		1071		42		546					APPROXIMATE SERVICE PERIOD	649.0960 6-INCH	
0.15												0		10	STATION	- STATION	LOCATION	CYCLES	PER CYCLE	LF	REMARKS
	EET 2 EET 3	21 21	0 2	0 42	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	2 5	42 105							
	ET 4	21	2 69	42 1449	2	42	4	84	35	735	1	21	7	147	1154+60		NB	1	6 WEEKS	210	CL SKIPS
	EET 5	21	52	1092	0	0	0	0	28	588	1	21	7	147	1167+50		NB	1	3 WEEKS	94	
	EET 6	21	0	0	0	0	0	0	0	0	0	0	5	105	1183+64 1202+40		SB SB	1	6 WEEKS 6 WEEKS	111 210	EXIT MINI SKIPS
SHE	EET 7	21	0	0	0	0	0	0	0	0	0	0	2	42	1202+40	- 1210+00	30	I	0 WEEKS	210	CL SKIPS
DRVING	LANE CLOSUR	E	:	2583		42		84		1323		42		588					TOTALS	625	
VAR	IOUS	42	0	0	0	0	0	0	0	0	0	0	24	1008							
WIDTH RESTR	RICTION SIGNIN	G	-	0		0		0		0		0		1008							
	TOTAL	S	:	4494		84		168		2394		84		2142	<u> </u>	EMPORARY N	<u>IARKING I</u>	REMOVABLI	<u>E TAPE</u>		
																APPROXIMA		649.0150 APE 4-INCH	649.0250 		
												STATION	s	τατιον	LOCATION	SERVICE PERIOD		IITE YELLO\ .F LF	V 8-INCH LF	R	EMARKS
	TRAFFIC CO	NTROL S	<u>GNS F</u>		<u> TH CE</u>	LLULAR COM	MMUNIC	ATIONS	<u>s</u>						LOCATION	TENIOD		-1	E1	, in the second s	
			PRIO		DURI							1154+60	- 1	177+74	NB	3 WEEKS	-	2314		PASSING	LANE CLOSURE
CMS #	LOCATION		CLOS DA		CLOSI DAY				REMAR	RKS		1177+74	- 1	191+86	NB	3 WEEKS		12 1232			LANE CLOSURE
	200,1101					- 04	• *				-	1154+60		169+50	NB	3 WEEKS		190			LANE CLOSURE
IB-01 SE	EE PCMS MESS		(**0					e (DLMS)		1171+25		173+25	NB	3 WEEKS		50			ANE CLOSURE
	E PCMS MESS		(**0					E (DLMS)		1173+25		175+34	NB	3 WEEKS			368		
IB-02 SE	EE PCMS MESS		*		**0 **0					e (DLMS) e (DLMS)		1175+34		190+06	NB	3 WEEKS		1052 1052			LANE CLOSURE
IB-02 SE IB-03 SE			(0 **0					E (DLIVIS) E (DLMS)		1183+64 1200+40		200+40 210+80	SB SB	3 WEEKS 3 WEEKS		1525 H89 1525 H89 1040			LANE CLOSURE
IB-02 SE IB-03 SE IB-01 SE	E PCMS MESS		*		**0					E (DLMS)		1200+40		210+80 186+14	SB	3 WEEKS		1040 75 150	250		LANE CLOSURE
IB-02 SE IB-03 SE SB-01 SE SB-02 SE	EE PCMS MESS	SAGES								-		1186+14		200+40	SB	3 WEEKS		126 1426			LANE CLOSURE
IB-02 SE IB-03 SE SB-01 SE SB-02 SE SB-03 SE	EE PCMS MESS	SAGES			тот	AL 14	4					1200+40		210+80	SB	3 WEEKS)40			ANE CLOSURE
B-02 SE B-03 SE B-01 SE B-02 SE B-03 SE RIOR TO CONS	EE PCMS MESS																				
IB-02 SE IB-03 SE IB-01 SE IB-02 SE IB-03 SE RIOR TO CONS	EE PCMS MESS															SUBTOTA	L 87	754 8739	_		
NB-02 SE NB-03 SE SB-01 SE SB-02 SE SB-03 SE	EE PCMS MESS															SUBTOTA		754 8739 17493	618	_	

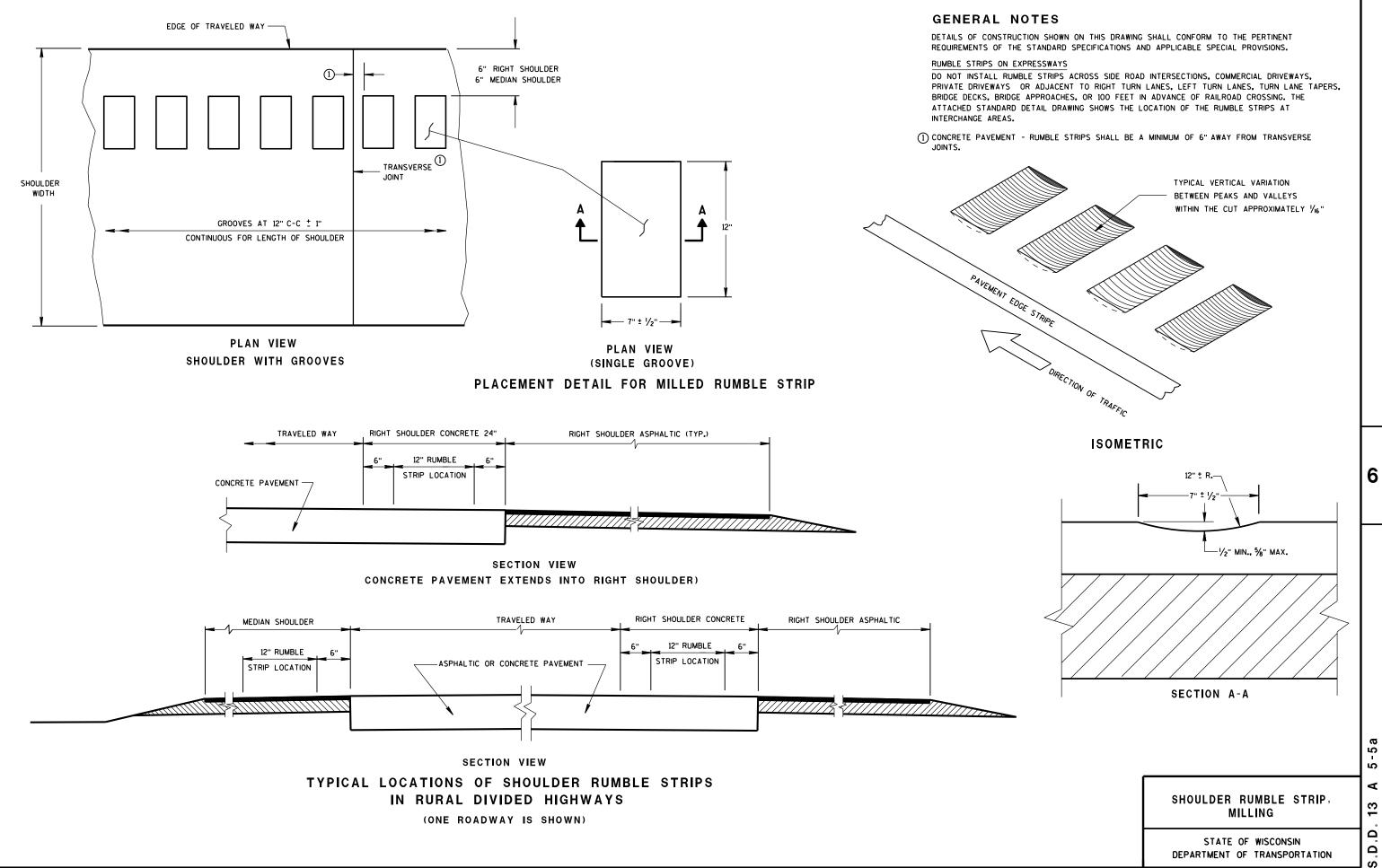


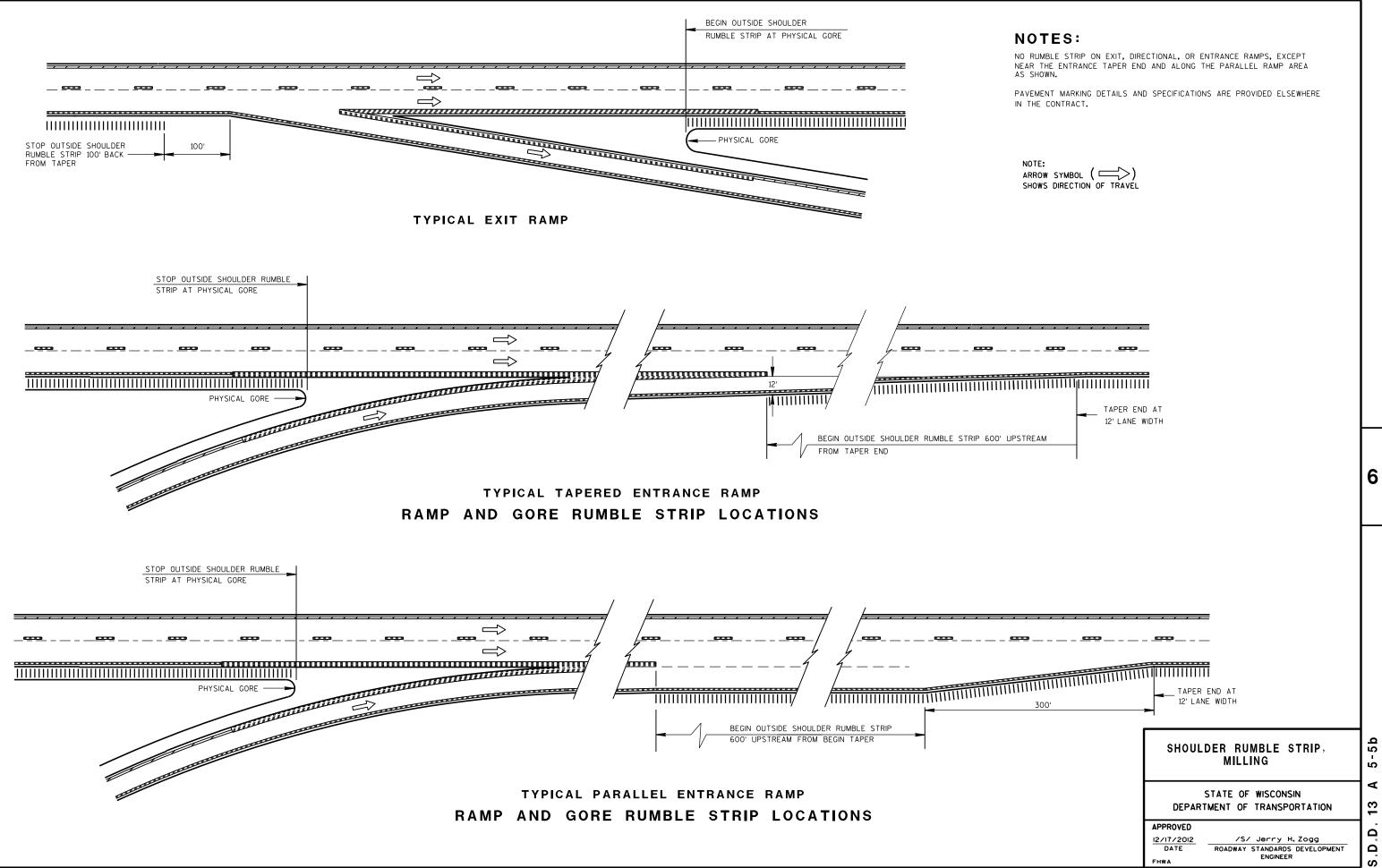
LAYOUT NAME - 01

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Standard Detail Drawing List

13A05-05A	SHOULDER RUMBLE STRIP, MILLING
13АО5-О5В	SHOULDER RUMBLE STRIP, MILLING
14B07-15A	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14в07-15в	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-15C	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-15D	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-15E	
14B07-15F	
14B07-15G	
14в07-15н	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-15I	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
15C02-08F	ADVANCED WIDTH RESTRICTION SIGNING
15C08-20A	LONGITUDINAL MARKING (MAINLINE)
15С11-09В	CHANNELIZING DEVICES DRUMS, CONES, BARRICADES AND VERTICAL PANELS
15C19-06C	MOVING PAVEMENT MARKING OPERATION MULTI-LANE DIVIDED ROADWAY
15C31-04A	PAVEMENT MARKING EXIT RAMP AND PARALLEL EXIT RAMP
15C31-04C	PAVEMENT MARKING ENTRANCE RAMP AND PARALLEL ENTRANCE RAMP
15D12-09A	······································
15D12-09C	DYNAMIC LATE MERGE SYSTEM
15D15-05E	
15D40-02D	TRAFFIC CONTROL, PARTIAL LANE SHIFT MULTILANE DIVIDED 50 MPH AND GREATER

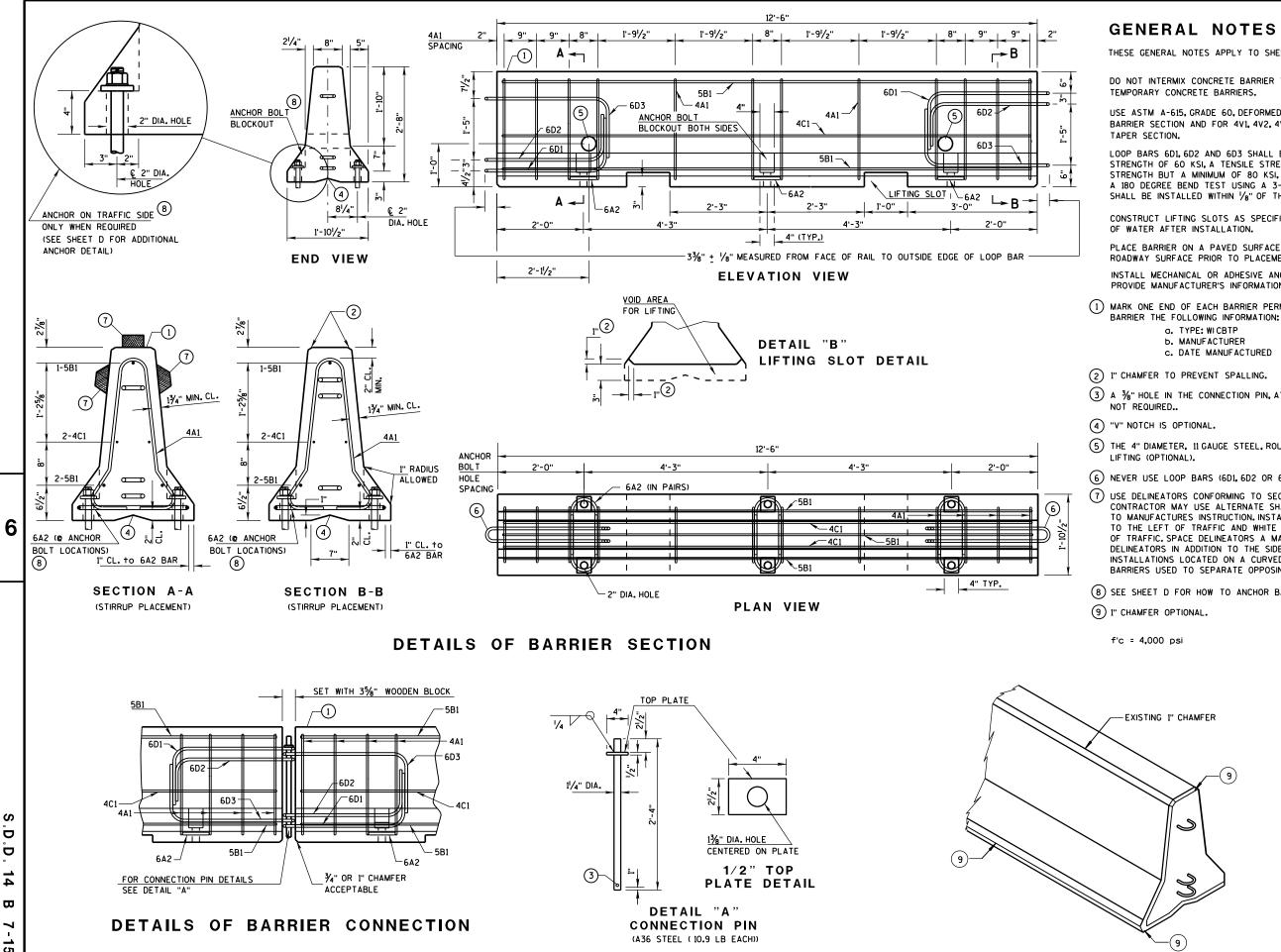




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NOTE:			N 1
ARROW	SYMBOL ((⊏	=>)
SHOWS	DIRECTION	OF	TRAVEL



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THESE GENERAL NOTES APPLY TO SHEETS 14B7-15(a) THRU 14B7-15(i).

- DO NOT INTERMIX CONCRETE BARRIER TEMPORARY PRCAST, 12'-6" (CBTP12.5) WITH OTHER
- USE ASTM A-615, GRADE 60, DEFORMED STEEL BARS FOR BARS 4A1, 6A2, 5B1 AND 4C1 IN THE BARRIER SECTION AND FOR 4V1, 4V2, 4V3, 4V4, 4V5, 4V6, 4F1, 4F2 AND 5F3 IN THE BARRIER
- LOOP BARS 6D1, 6D2 AND 6D3 SHALL BE $\frac{3}{4}$ " SMOOTH STEEL BARS WITH A MINIMUM YIELD STRENGTH OF 60 KSI A TENSILE STRENGTH OF NOT LESS THAN 1.25 TIMES THE YIELD STRENGTH BUT A MINIMUM OF 80 KSI, A MINIMUM 14% ELONGATION IN 8 INCHES AND PASSING A 180 DEGREE BEND TEST USING A 3-1/2" PIN BEND DIAMETER FOR BEND TESTS. THE LOOPS SHALL BE INSTALLED WITHIN 1/8" OF THE PLAN DIMENSION.
- CONSTRUCT LIFTING SLOTS AS SPECIFIED ON THE PLANS TO FACILITATE THE DRAINAGE
- PLACE BARRIER ON A PAVED SURFACE. REMOVE ALL LOOSE DIRT AND SAND FROM THE ROADWAY SURFACE PRIOR TO PLACEMENT OF THE BARRIER.
- INSTALL MECHANICAL OR ADHESIVE ANCHORS PER MANUFACTURER'S RECOMMENDATIONS. PROVIDE MANUFACTURER'S INFORMATION TO PROJECT ENGINEER.
- (1) MARK ONE END OF EACH BARRIER PERMANENTLY BY FORMING INTO THE

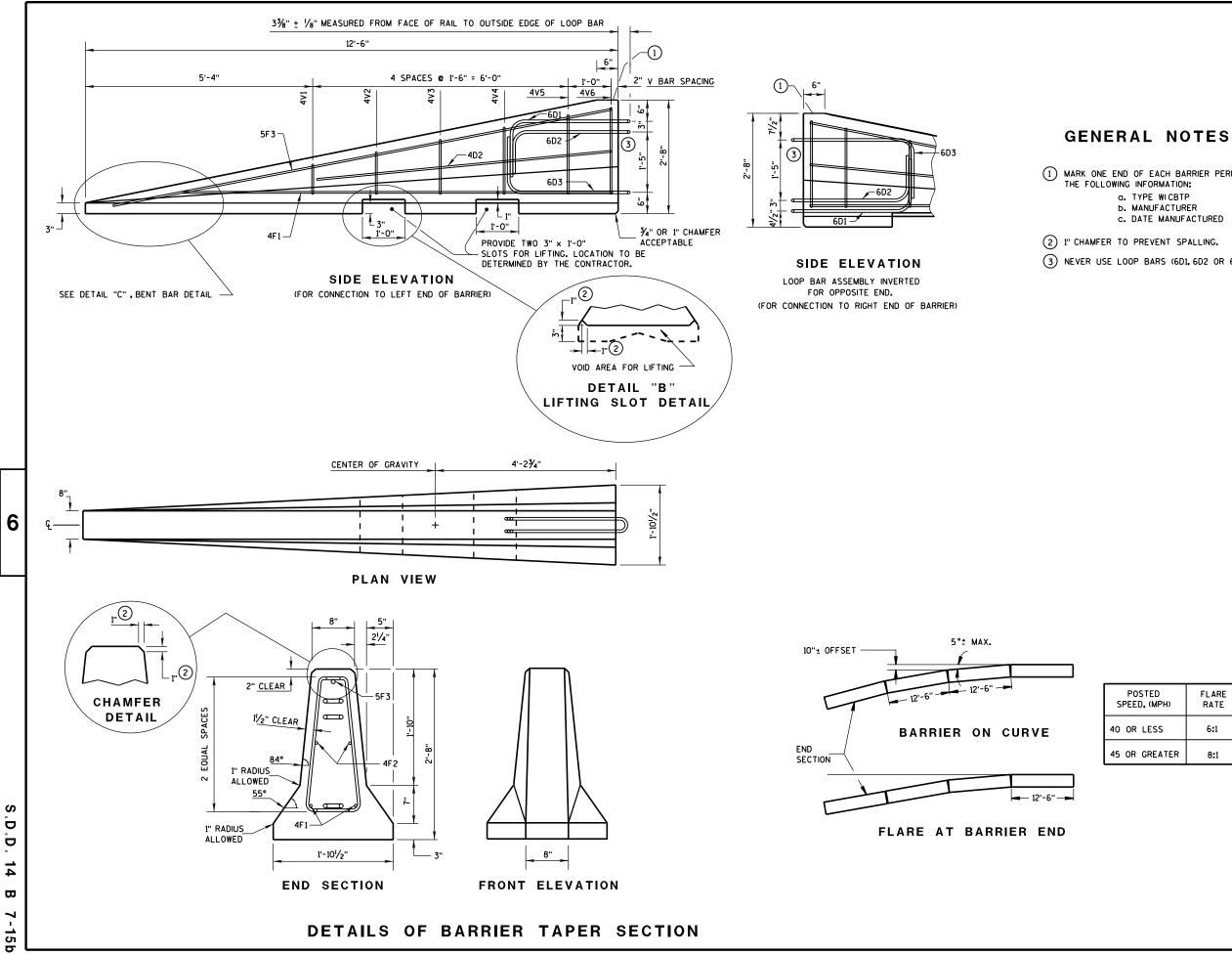
 - **b. MANUFACTURER**
 - c. DATE MANUFACTURED (MONTH AND YEAR)
- (3) A 3/8" HOLE IN THE CONNECTION PIN, AT THE LOCATION SHOWN, IS ACCEPTABLE, BUT
- (5) THE 4" DIAMETER, 11 GAUGE STEEL, ROUND MECHANICAL TUBING SLEEVE FOR
- (6) NEVER USE LOOP BARS (6D1, 6D2 OR 6D3) TO LIFT, MOVE OR REPOSITION THE BARRIER.
- (7) USE DELINEATORS CONFORMING TO SECTION 633 OF THE STANDARD SPECIFICATIONS. CONTRACTOR MAY USE ALTERNATE SHAPES AND HOUSING. INSTALL DELINEATORS ACCORDING TO MANUFACTURES INSTRUCTION. INSTALL YELLOW REFLECTORS WHEN BARRIER IS LOCATED TO THE LEFT OF TRAFFIC AND WHITE REFLECTORS WHEN BARRIER IS LOCATED TO THE RIGHT OF TRAFFIC. SPACE DELINEATORS A MAXIMUM OF 25 FEET APART. PROVIDE TOP MOUNTED DELINEATORS IN ADDITION TO THE SIDE MOUNTED DELINEATORS ON ALL BARRIER INSTALLATIONS LOCATED ON A CURVED ALIGNMENT LONGER THAN 200 FEET AND ON BARRIERS USED TO SEPARATE OPPOSING TRAFFIC.
- (8) SEE SHEET D FOR HOW TO ANCHOR BARRIER. SEE SHEET E FOR WHEN TO ANCHOR BARRIER.

CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION 6

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1) MARK ONE END OF EACH BARRIER PERMANENTLY BY FORMING INTO THE BARRIER TYPE WICBTP
 MANUFACTURER c. DATE MANUFACTURED (MONTH AND YEAR)

(3) NEVER USE LOOP BARS (6D1, 6D2 OR 6D3) TO LIFT, MOVE OR REPOSITION THE BARRIER.

red (MPH)	FLARE RATE
ESS	6:1
REATER	8:1

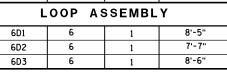
CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"

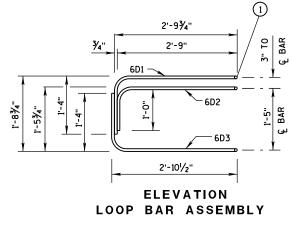
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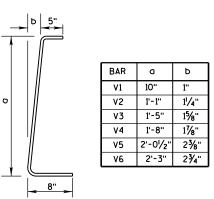
GENERAL NOTES

BARRIER TAPER SECTION BILL OF MATERIALS (PER 12'-6" BARRIER TAPER SECTION)

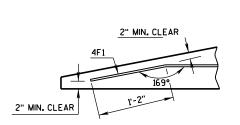
BAR	BAR SIZE	NO. OF BARS	LENGTH FT.				
4V1	4	2	1'-11''				
4V2	4	2	2'-2"				
4V3	4	2	2'-6"				
4V4	4	2	2'-9"				
4V5	4	2	3'-2"				
4V6	4	2	3'-4"				
4F1	4	2	12'-0"				
4F2	4	2	7'-6"				
5F 3	5	1	11'-9''				
I	LOOP ASSEMBLY						
6D1	6	1	8'-5"				
6D2	6	1	7'-7"				







4V BARS 2 AT EACH SIZE REQUIRED FOR STIRRUP ASSEMBLY



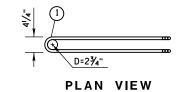
DETAIL "C" BENT BAR DETAIL

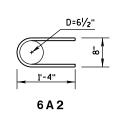


BARRIER SECTION BILL OF MATERIALS

(PER 12'-6" BARRIER SECTION)

	BAR	NO. OF	LENGTH
BAR	SIZE	BARS	FT.
4A1	4	12	6'-0"
6A2	6	6	2'-11"
5B1	5	3	12'-2"
4C1	4	2	12'-2"
L	.00P AS	SEMBL	Y
6D1	6	2	8'-5"
6D2	6	2	7'-7"
6D3	6	2	8'-6"

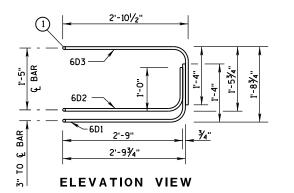


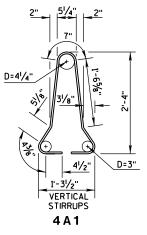


LOOP BAR ASSEMBLY (MARKED END SHOWN, INVERT FOR OTHER END)

6

1) NEVER USE LOOP BARS (6D1, 6D2 OR 6D3) TO LIFT, MOVE OR REPOSITION THE BARRIER.

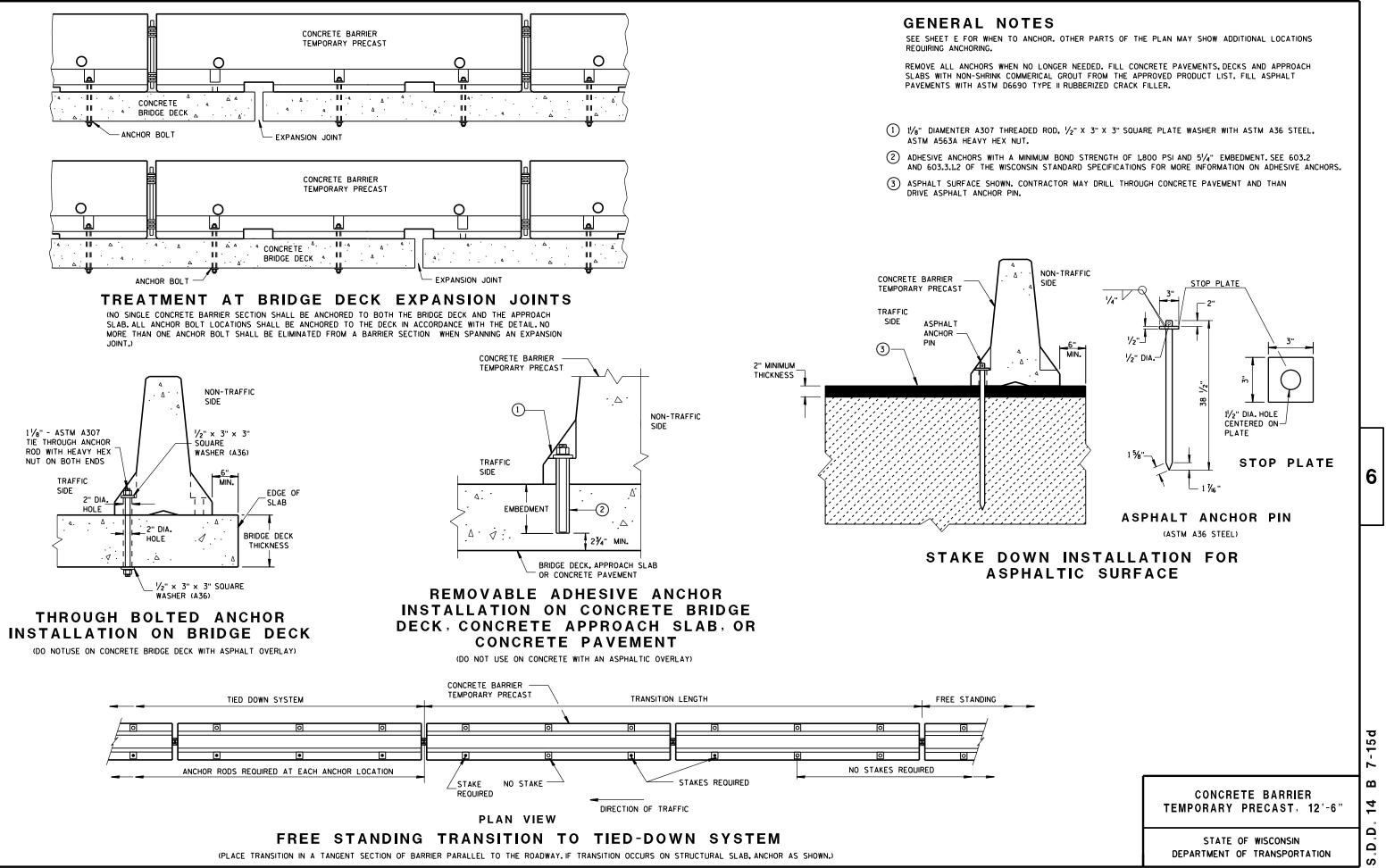




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CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"

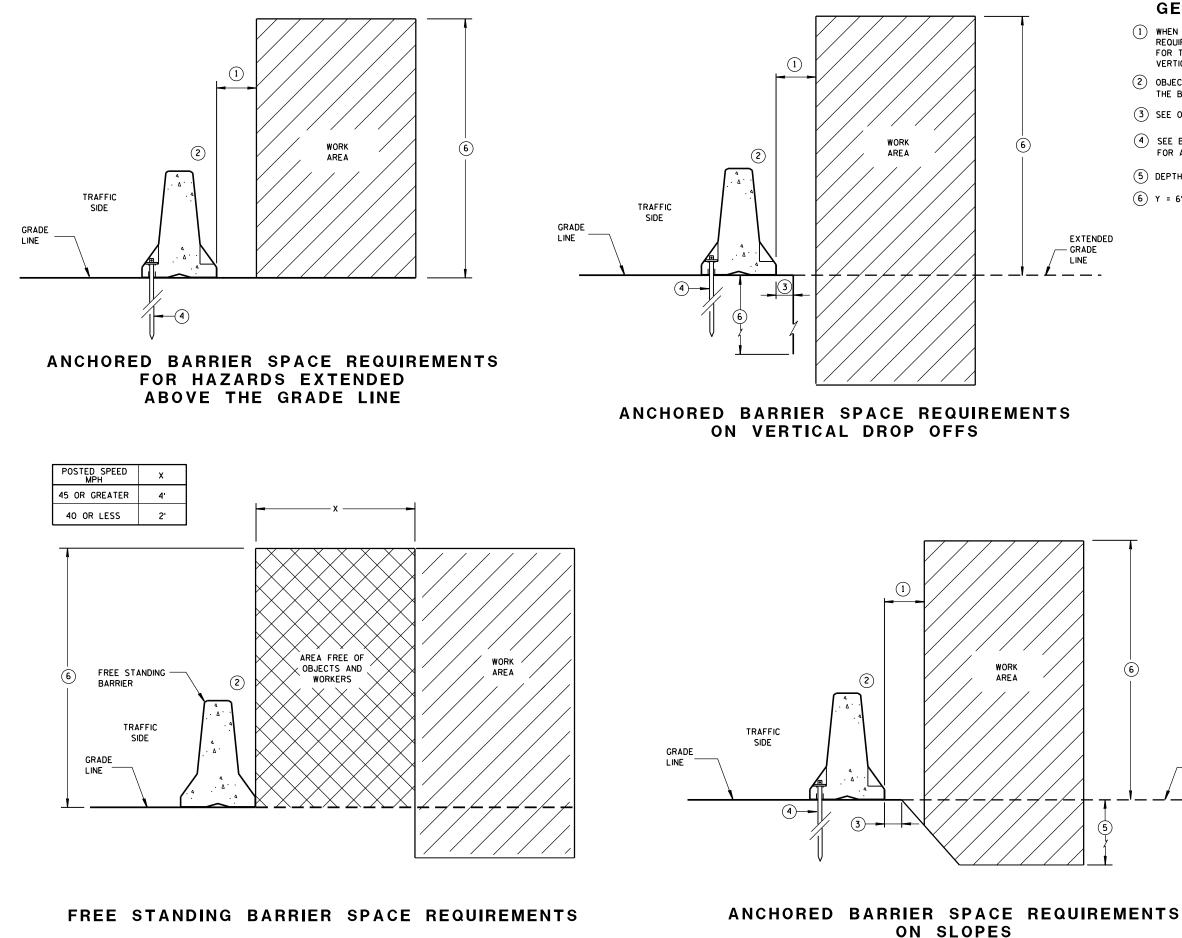
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GENERAL NOTES

- 1 when objects extend above the grade, a minimum of 1 foot is required from back of barrier to object. See other details for FOR THE MINIMUM OFFSET FROM BACK OF BARRIER TO SLOPES OR VERTICAL DROPS.
- (2) OBJECTS ARE NOT TO BE PLACED ON, MOUNTED TO, OR LEANED AGAINST THE BARRIER WITHOUT PERMISSION OF THE PROJECT ENGINEER.
- (3) SEE OTHER DETAIL ON SHEET "D" FOR SPACE REQUIREMENTS.
- (4) SEE BOLT THROUGH DECK, REMOVABLE ADHESIVE ANCHOR, OR A STAKE DOWN FOR ASPHALTIC SURFACE TREATMENT DETAILS. ASPHALTIC ANCHOR SHOWN.
- (5) DEPTH OF 3 FEET OR MORE.
- (6) Y = 6'-6".

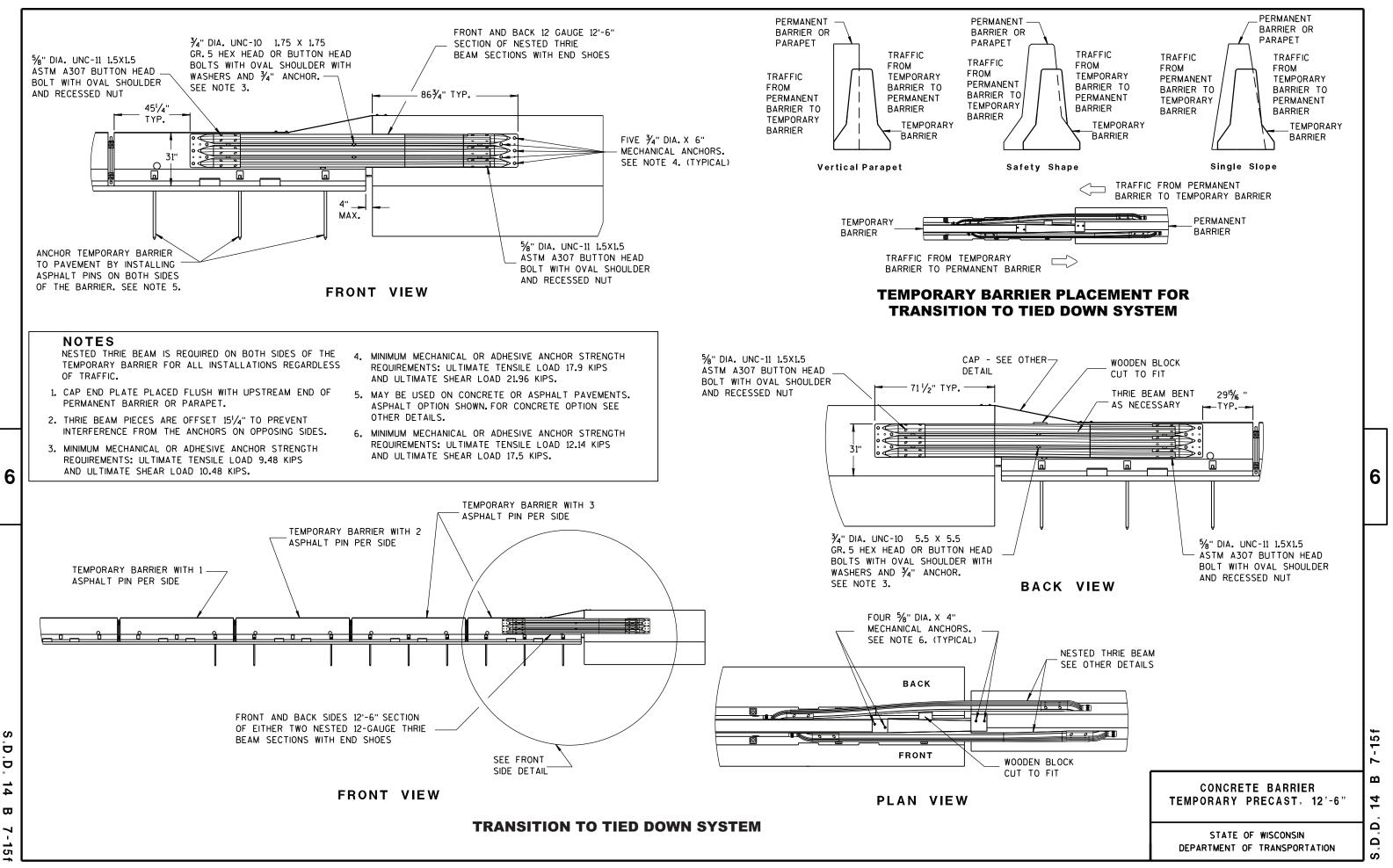
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CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

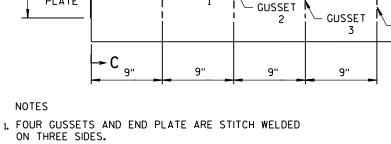
EXTENDED

GRADE LINE



D 4 ω 15

CAP DETAILS FOR TEMPORARY CONCRETE **BARRIER TO 42" PERMANENT CONCRETE BARRIER**

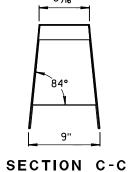


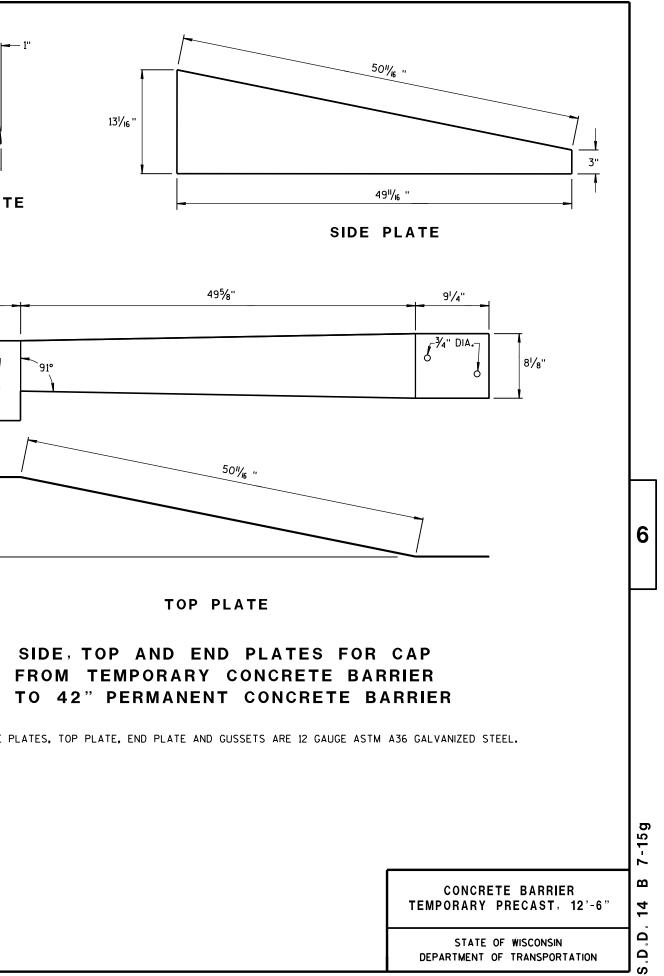
2. TWO TRIANGULAR SIDE PLATES ARE STITCH WELDED TO TOP

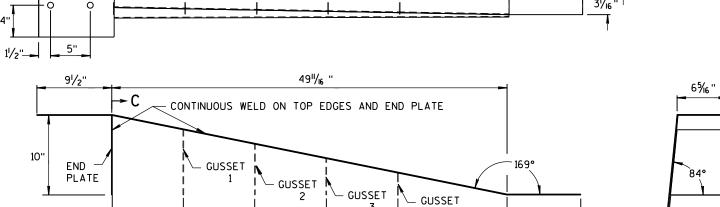
PLATE, END PLATE, AND GUSSETS.

GUSSET

- 1

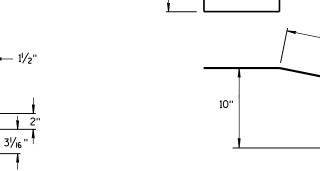


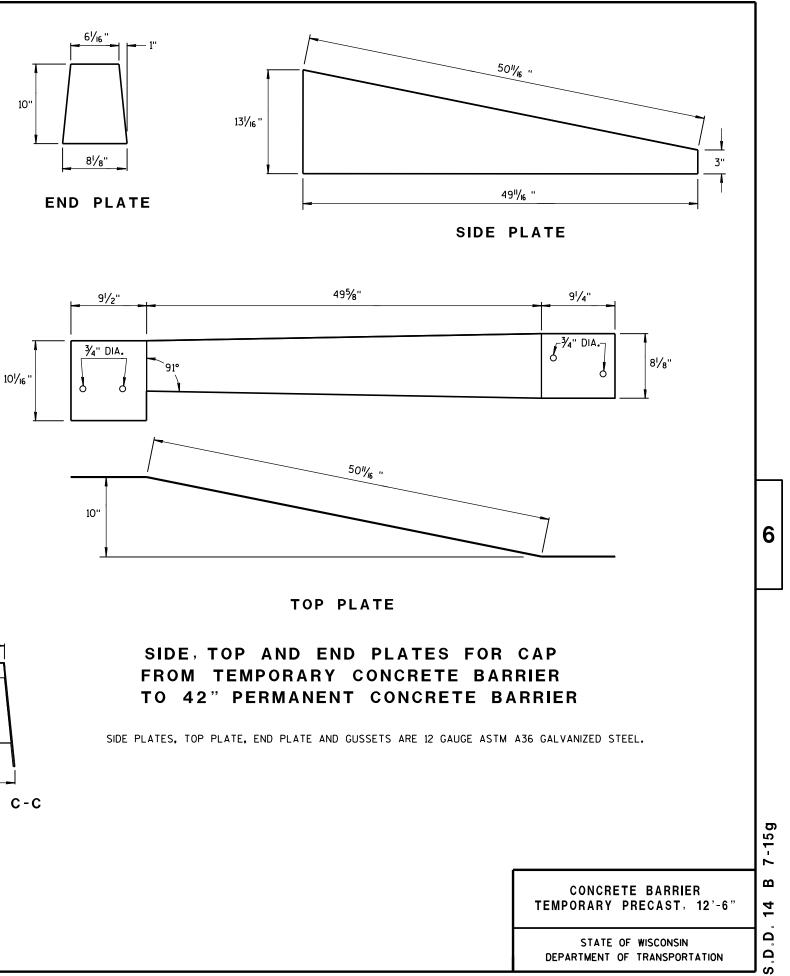




GUSSET

- 3



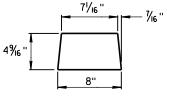




GUSSET

- 2





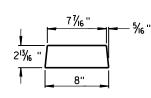
6‰"

8"

GUSSET 1

8¾6'

END PLATE - 13/16



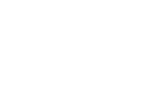


GUSSET

- 4

4





6¹¹/16 ''

8"

GUSSET 2

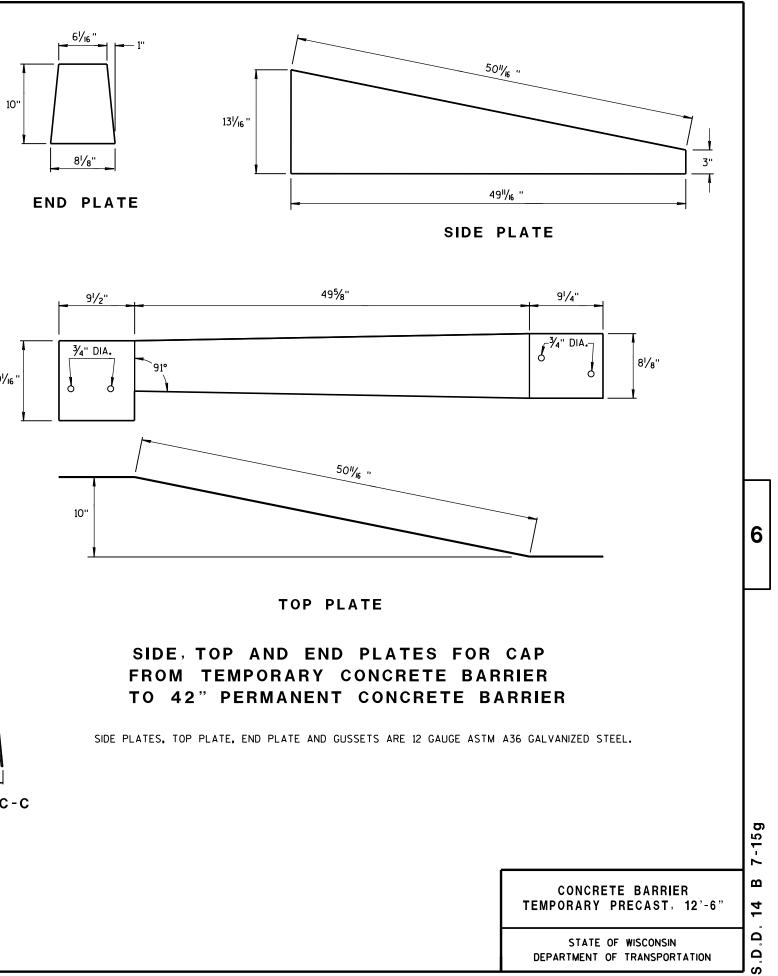
6¾"

- 5⁄8''

6¹/4"

9¹/4"

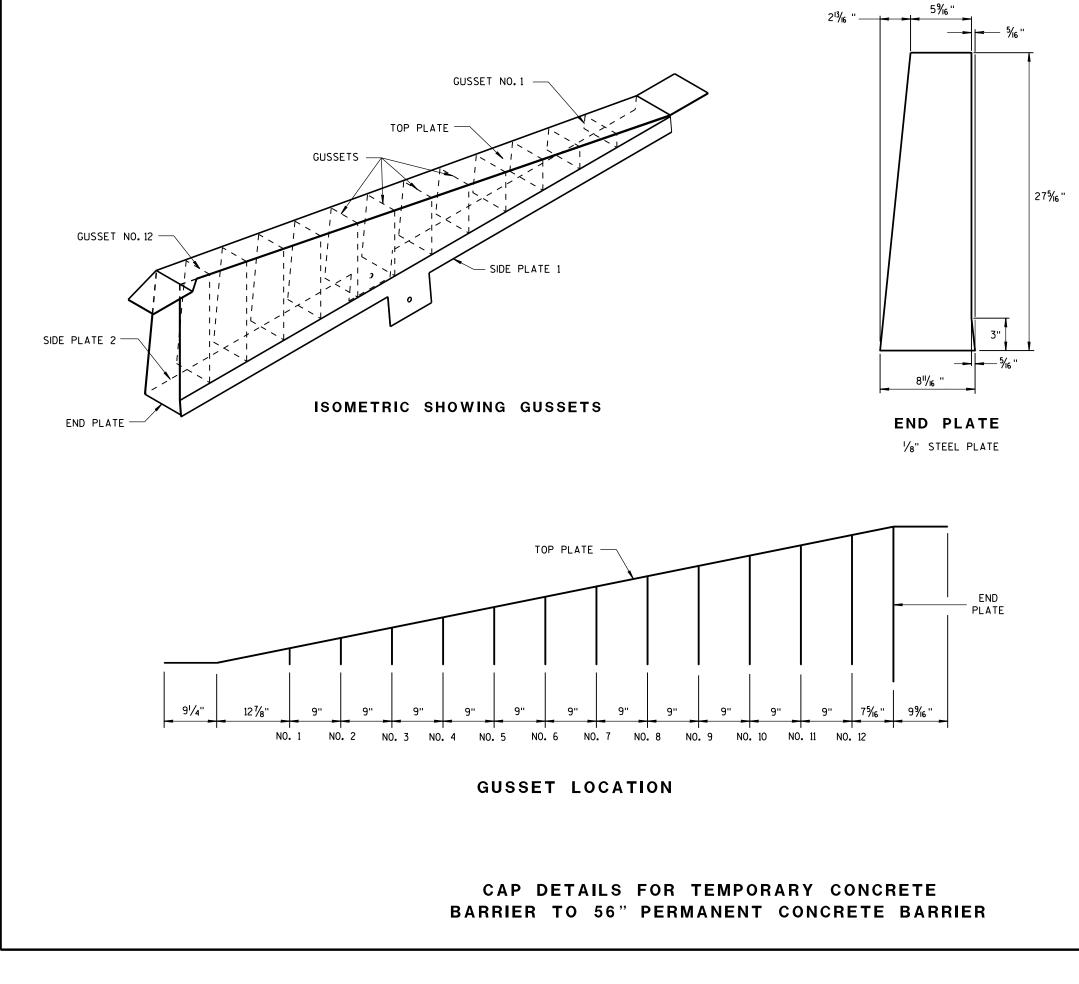
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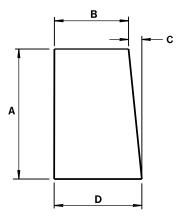


6

4"

10"





GUSSETS 1 - 12

ALL GUSSETS 1/8" STEEL PLATE

GUSSET DIMENSIONS								
GUSSET NO.	А	В	С	D				
1	21⁄8"	7¾"	1⁄4"	8				
2	4"/ ₁₆ "	7%6''	1/2"	8				
3	6 /2"	7 3⁄ 8"	"/16 "	8¼ ₁₆ "				
4	85⁄16 ''	7¾6 ''	7⁄8"	8¼ ₆ "				
5	10 ¹ /8''	7"	1 1/ ₁₆ "	8 / ₁₆ "				
6	11'5%6 ''	6 ¹³ //6 ''	1 1⁄4"	8 ¹ /16 ''				
7	13¾"	65/8"	1 7⁄16 ''	8¼ ₆ "				
8	15%6"	6¾6 ''	1 %6 ''	8 /16 ''				
9	17 3⁄ 8''	6 ¹ /4"	1 13/16 ''	8¼ ₆ "				
10	193/6 ''	6¼ ₆ "	1 15/16 "	8¼ ₆ ''				
11	21"	5 7⁄8"	2¾6 "	8 / ₁₆ ''				
12	22 ¹³ ⁄16 ''	5 ¹¹ /16 ''	25/ ₁₆ ''	8¼ ₆ "				

SIDE PLATES, TOP PLATE, END PLATE AND GUSSETS ARE 12 GAUGE ASTM A36 STEEL AND GALVANIZED.

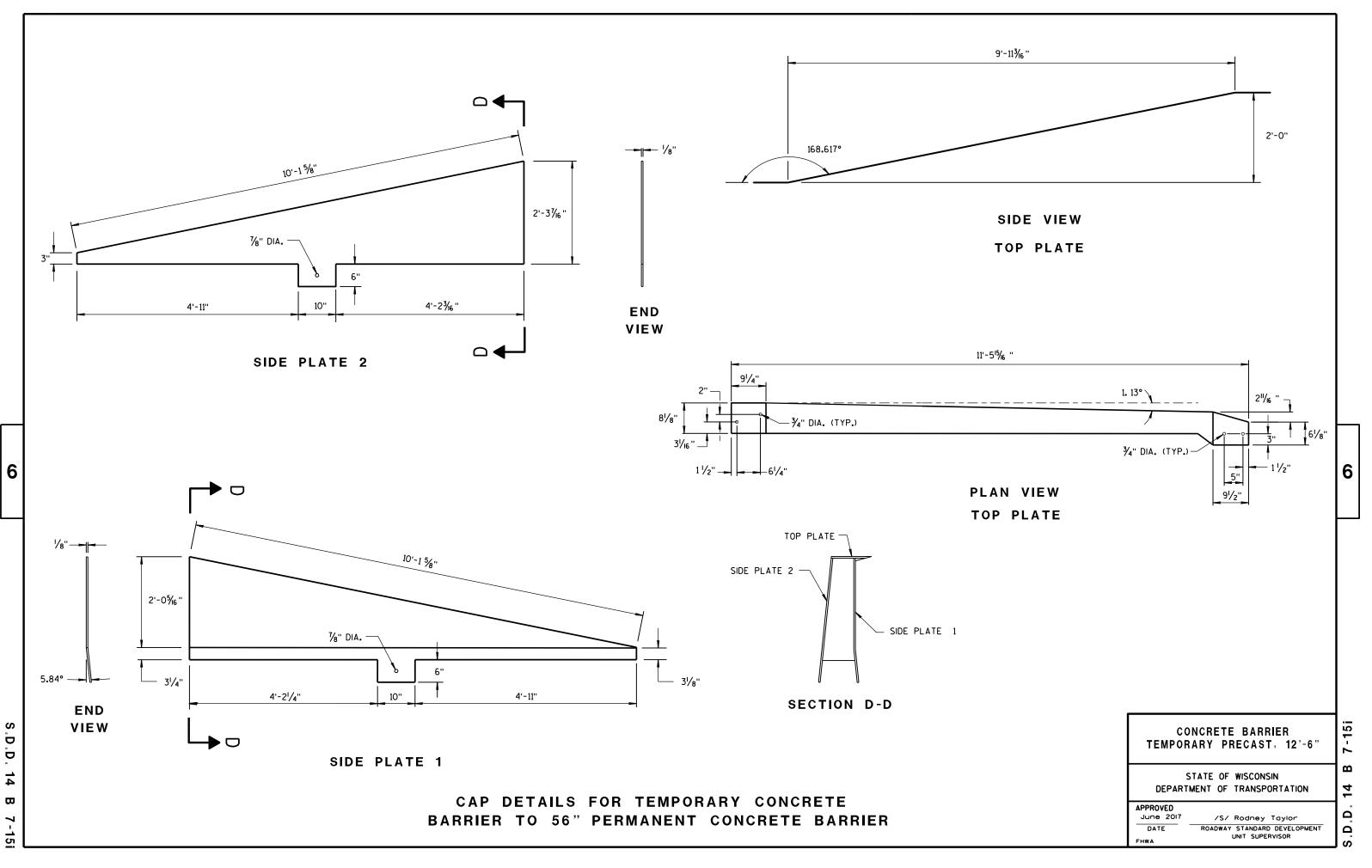
GUSSETS AND END PLATE ARE STITCH WELDED ON 3 SIDES. TWO TRIANGULAR SIDE PLATES ARE STITCH WELDED TO TOP PLATE, END PLATE AND GUSSETS.

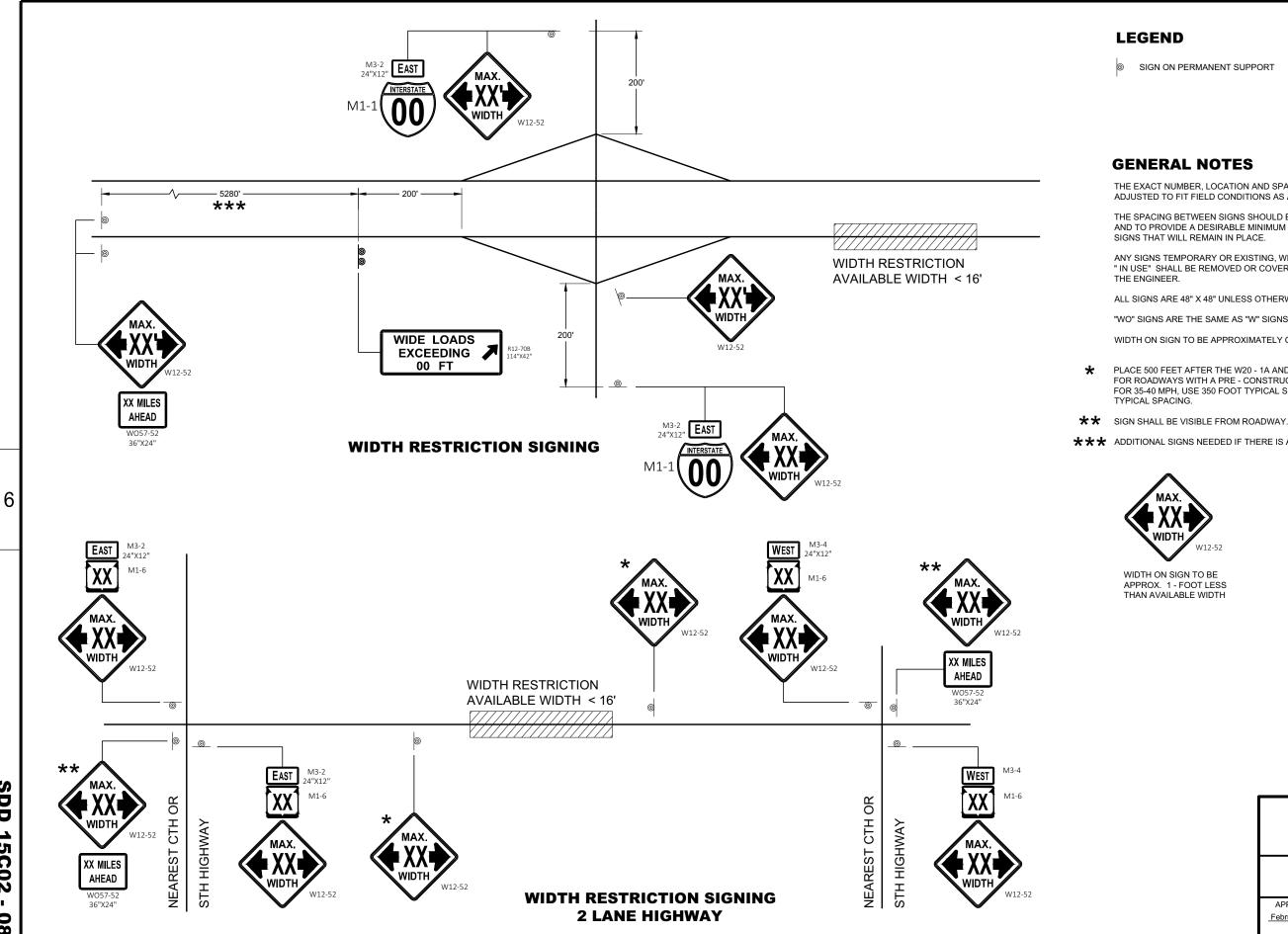
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CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION





SDD **15C02** 08f

SIGN ON PERMANENT SUPPORT

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

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

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

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

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

WIDTH ON SIGN TO BE APPROXIMATELY ONE FOOT LESS THAN AVAILABLE WIDTH.

PLACE 500 FEET AFTER THE W20 - 1A AND 500 FEET BEFORE ADDITIONAL SIGNS FOR ROADWAYS WITH A PRE - CONSTRUCTION SPEED LIMIT OF 45 MPH OR MORE. FOR 35-40 MPH, USE 350 FOOT TYPICAL SPACING. FOR 25-30 MPH, USE 200 FOOT

******* ADDITIONAL SIGNS NEEDED IF THERE IS AN ON RAMP BETWEEN SIGNS.

ADVANCED WIDTH RESTRICTION SIGNING

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

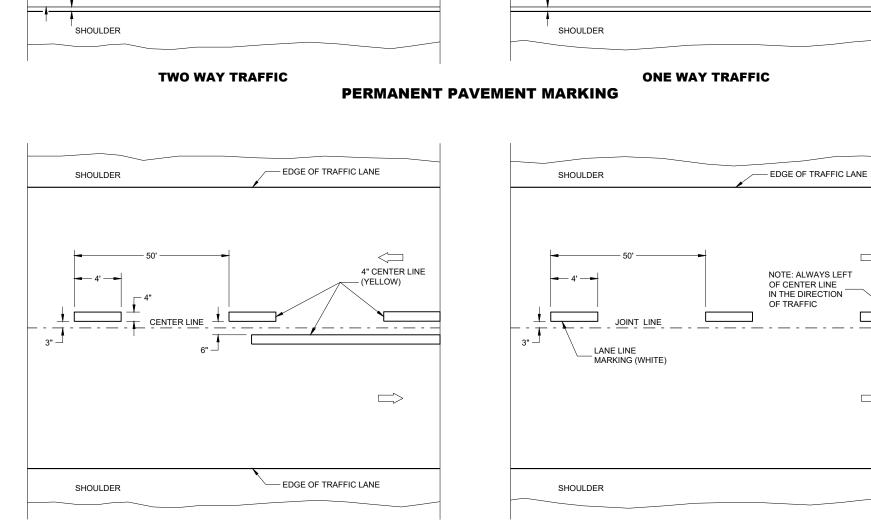
APPROVED February 2020 DATE

/S/ Andrew Heidtke WORK ZONE ENGINEER 80 . N ÖÜ Ñ ~ ۵

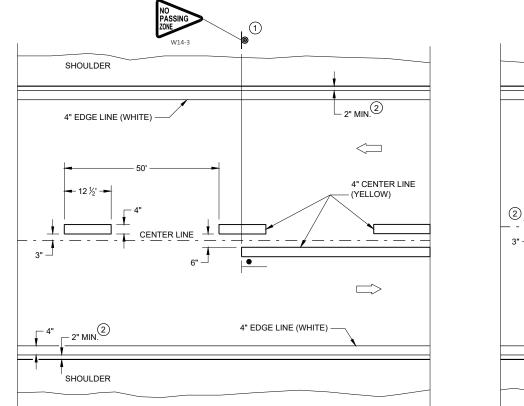
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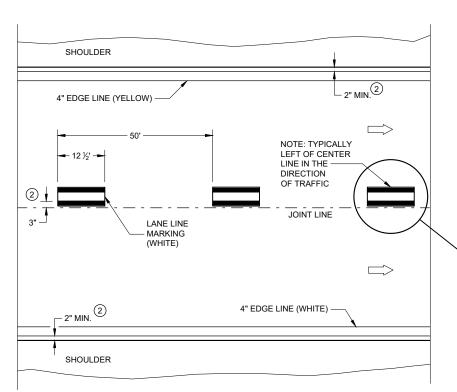




TEMPORARY PAVEMENT MARKING

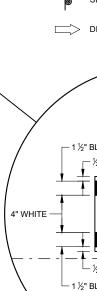


TWO WAY TRAFFIC



ONE WAY TRAFFIC





 \Box

 \Box

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

" BLACK CONTRAST — ½" MAX. GROOVE		
_		
	JOINT LINE	/
' BLACK CONTRAST		

LONGITUDINAL MARKING (MAINLINE)

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVED February 2020 DATE

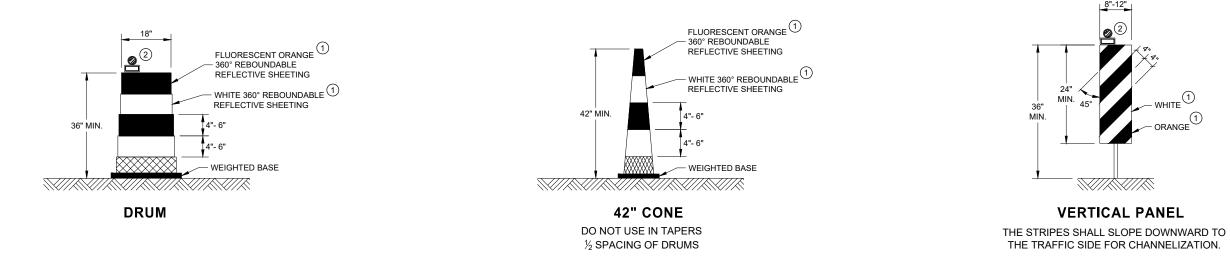
/S/ Matthew Rauch STATEWIDE SIGNING AND MARKING ENGINEER

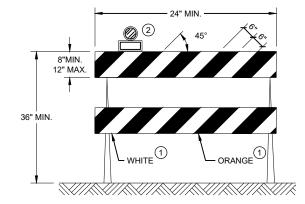
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SDD15C08 - 20

GENERAL NOTES

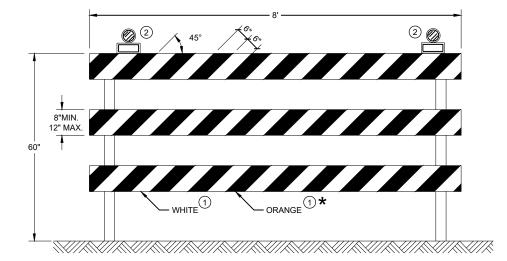
- (2) LOCATION OF WARNING LIGHTS WHEN SHOWN ON THE PLAN.





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.

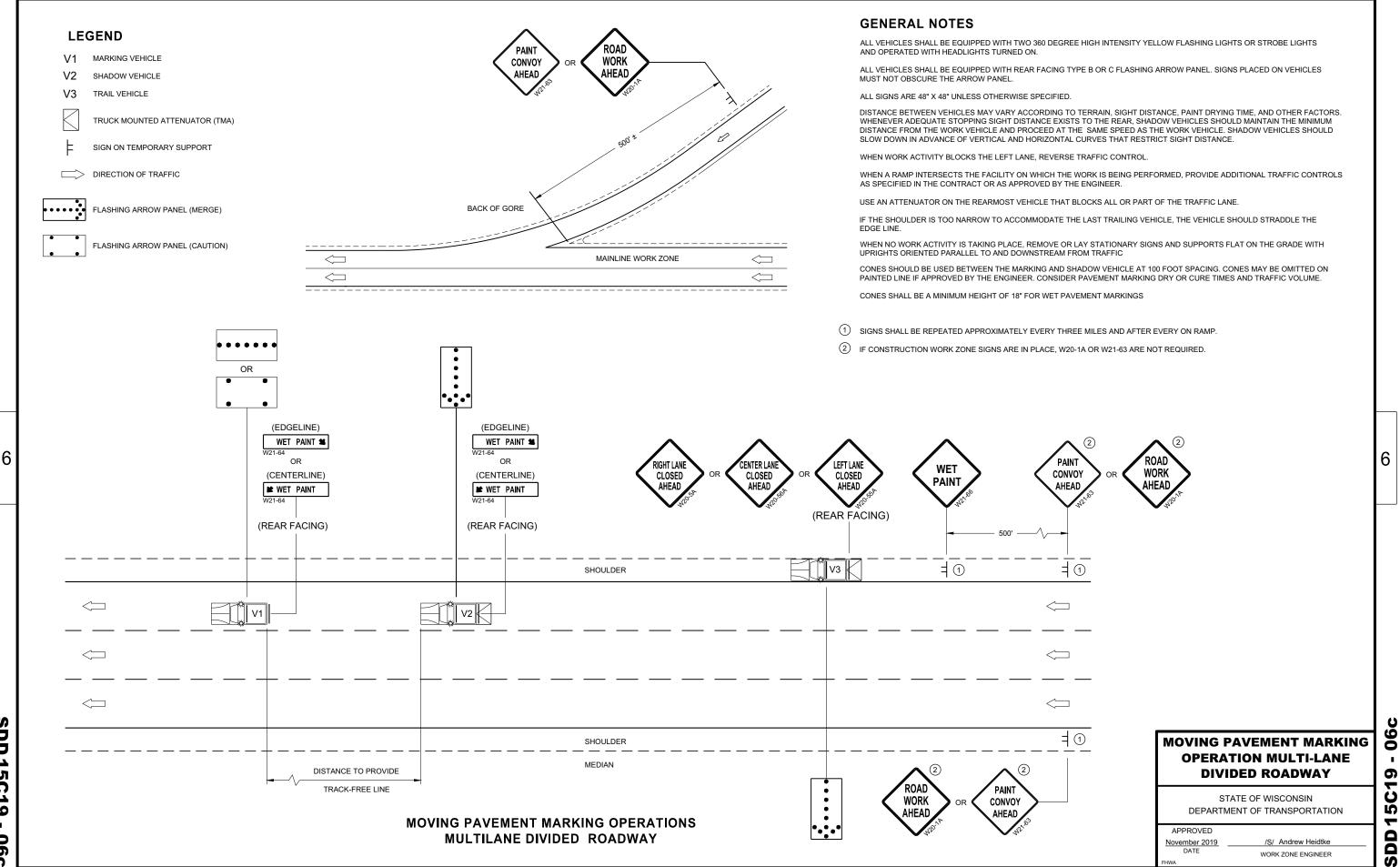
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CHANNELIZING DEVICES DRUMS, CONES, BARRICADES AND VERTICAL PANELS

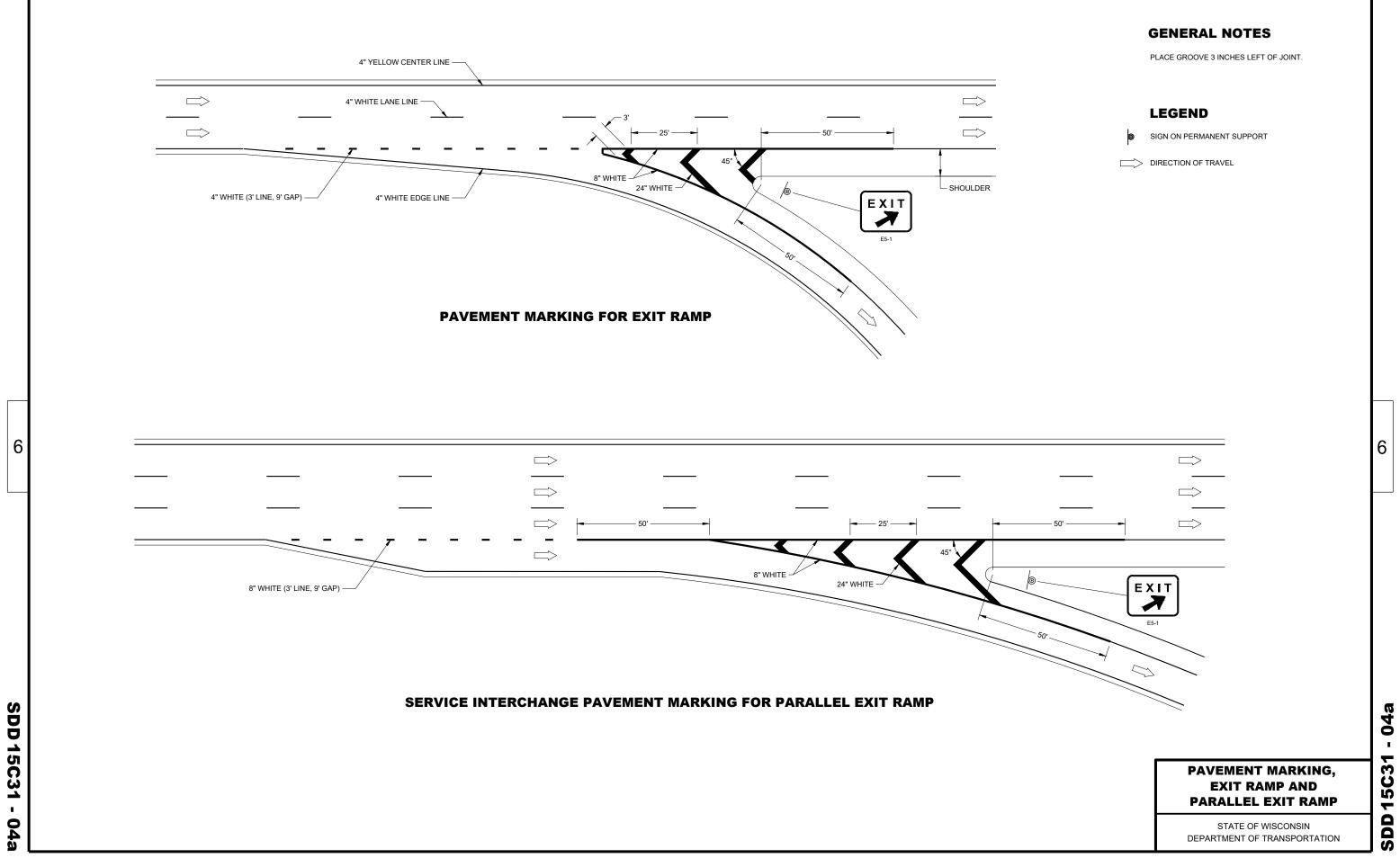
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVED May 2021 DATE

/S/ Andrew Heidtke WORK ZONE ENGINEER

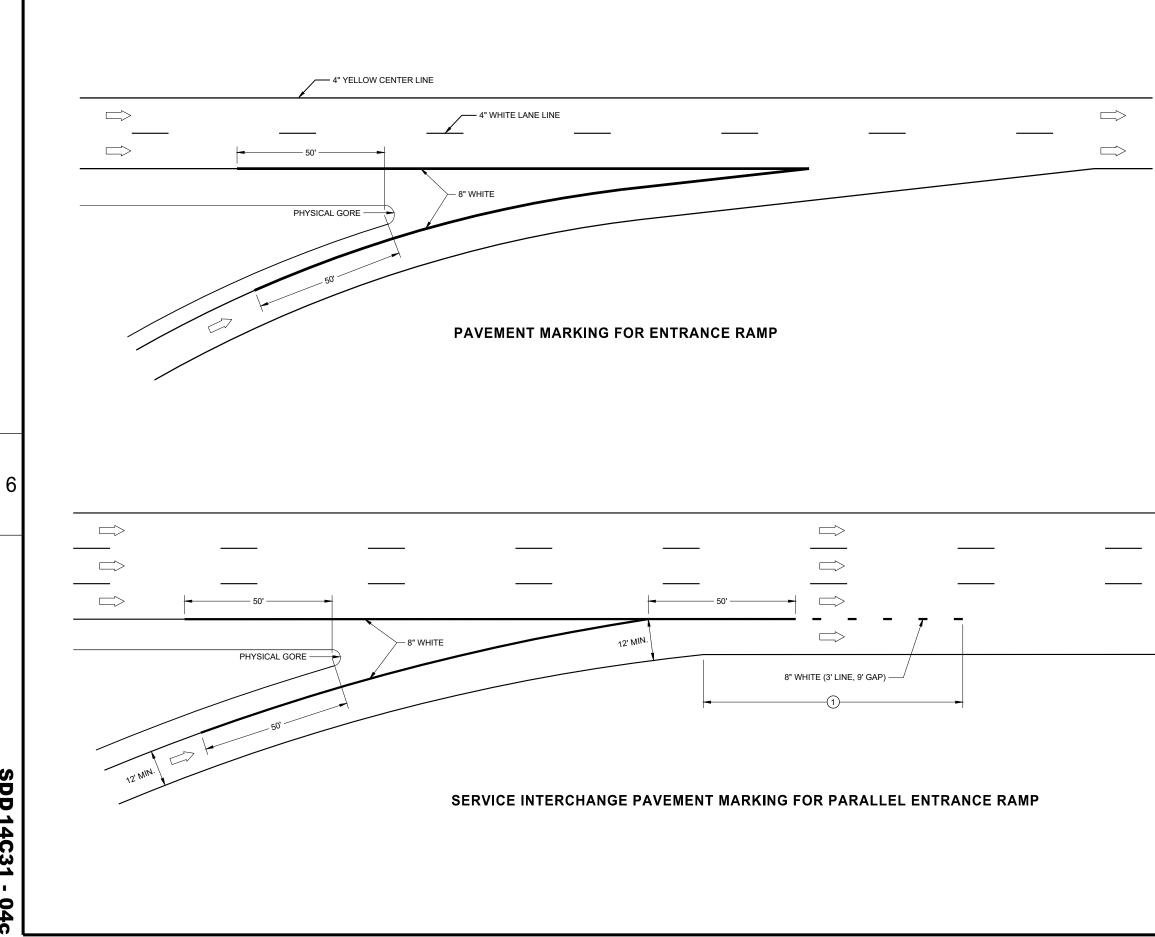


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GENERAL NOTES

PLACE GROOVE 3 INCHES LEFT OF JOINT.

(1) ½ LENGTH OF FULL WIDTH ACCELERATION LANE.

LEGEND

DIRECTION OF TRAVEL

6

PAVEMENT MARKING, ENTRANCE RAMP AND PARALLEL ENTRANCE RAMP

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION - 04c **SDD14C31**

GENERAL NOTES

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

THE SPACING BETWEEN SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS.

THIS LANE CLOSURE IS TYPICAL FOR CLOSING RIGHT LANE - REVERSE FOR CLOSING LEFT LANE.

ALL SIGNS ARE 48" x 48" UNLESS OTHERWISE NOTED.

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

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

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

REMOVE PAVEMENT MARKINGS IF LANE CLOSURE IS TO BE IN PLACE 4 OR MORE CONTINUOUS DAYS AND NIGHTS.

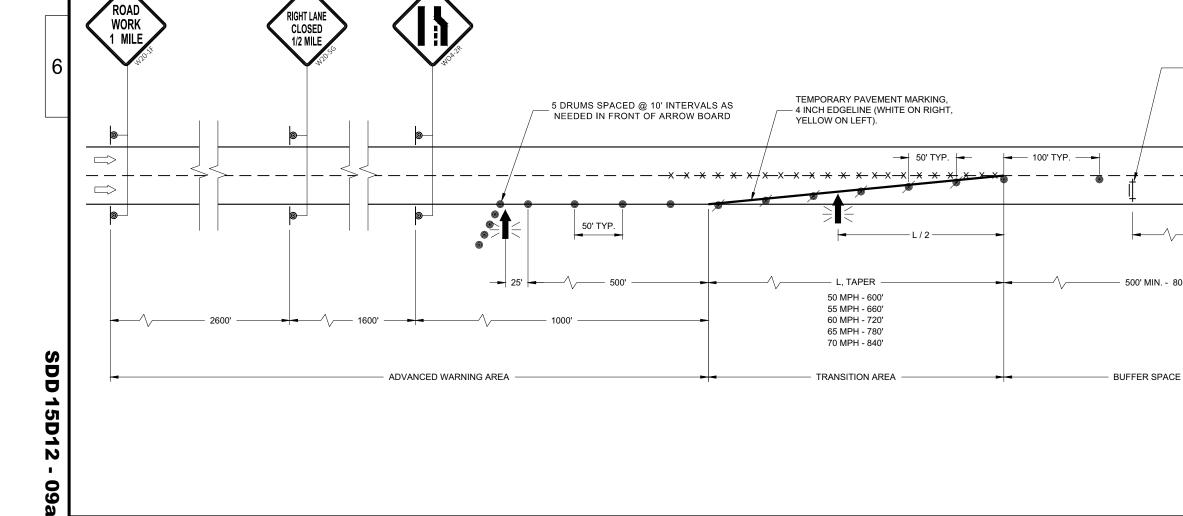
IF THE HORIZONTAL ALIGNMENT IS SUCH THAT A CURVE MAY REQUIRE ADDITIONAL DELINEATION, THE DEVICE SPACING MAY BE DECREASED TO 50 FEET.

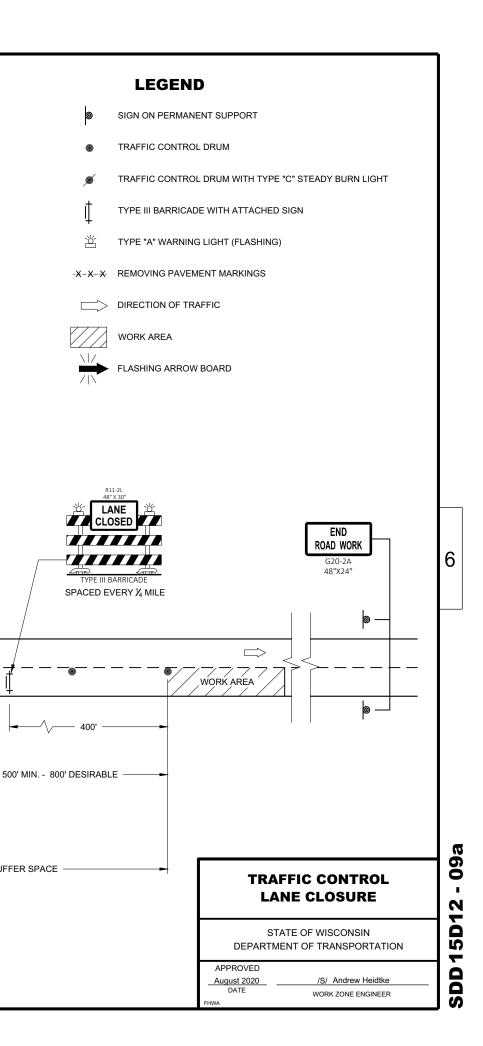
WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

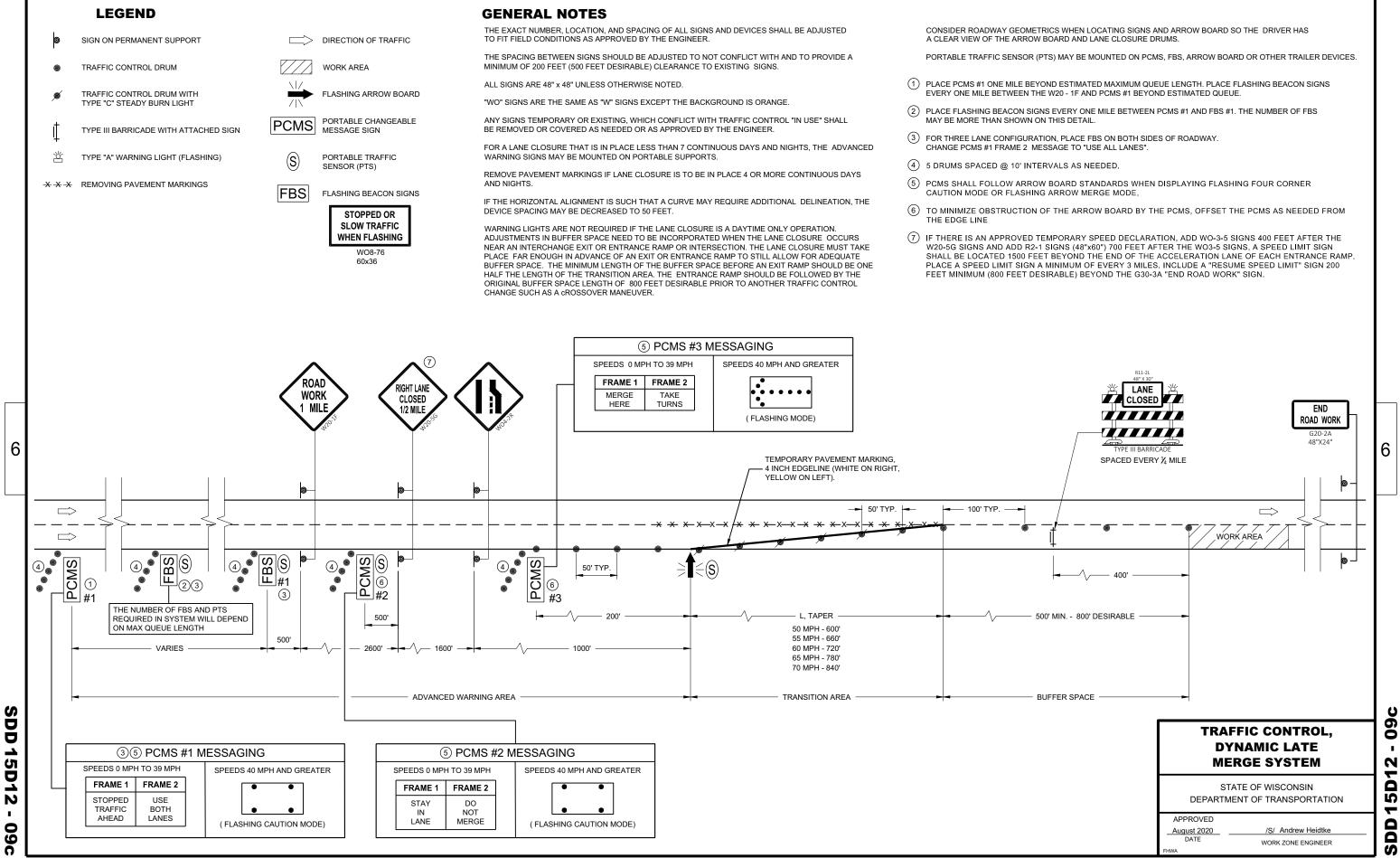
ADJUSTMENTS IN BUFFER SPACE NEED TO BE INCORPORATED WHEN THE LANE CLOSURE OCCURS

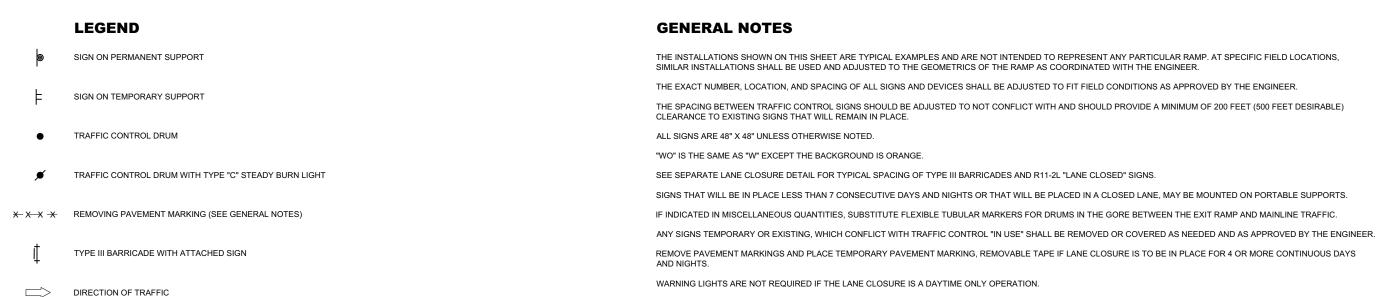
NEAR AN INTERCHANGE EXIT OR ENTRANCE RAMP OR INTERSECTION. THE LANE CLOSURE MUST TAKE PLACE FAR ENOUGH IN ADVANCE OF AN EXIT OR ENTRANCE RAMP TO STILL ALLOW FOR ADEQUATE BUFFER SPACE. THE MINIMUM LENGTH OF THE BUFFER SPACE BEFORE AN EXIT RAMP SHOULD BE ONE HALF THE LENGTH OF THE TRANSITION AREA. THE ENTRANCE RAMP SHOULD BE FOLLOWED BY THE ORIGINAL BUFFER SPACE LENGTH OF \$00 FEET DESIRABLE PRIOR TO ANOTHER TRAFFIC CONTROL CHANGE SUCH AS A CROSSOVER MANEUVER.

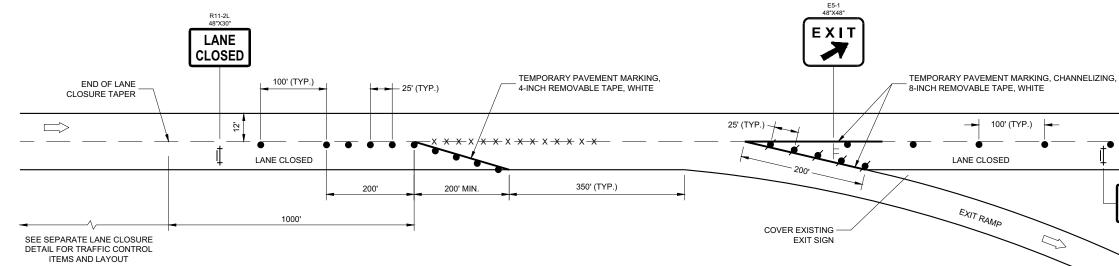
CONSIDER ROADWAY GEOMETRICS WHEN LOCATING SIGNS AND ARROW BOARD SO THE DRIVER HAS A CLEAR VIEW OF THE ARROW BOARD AND LANE CLOSURE DRUMS.



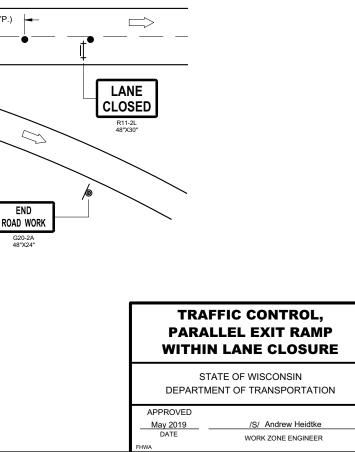






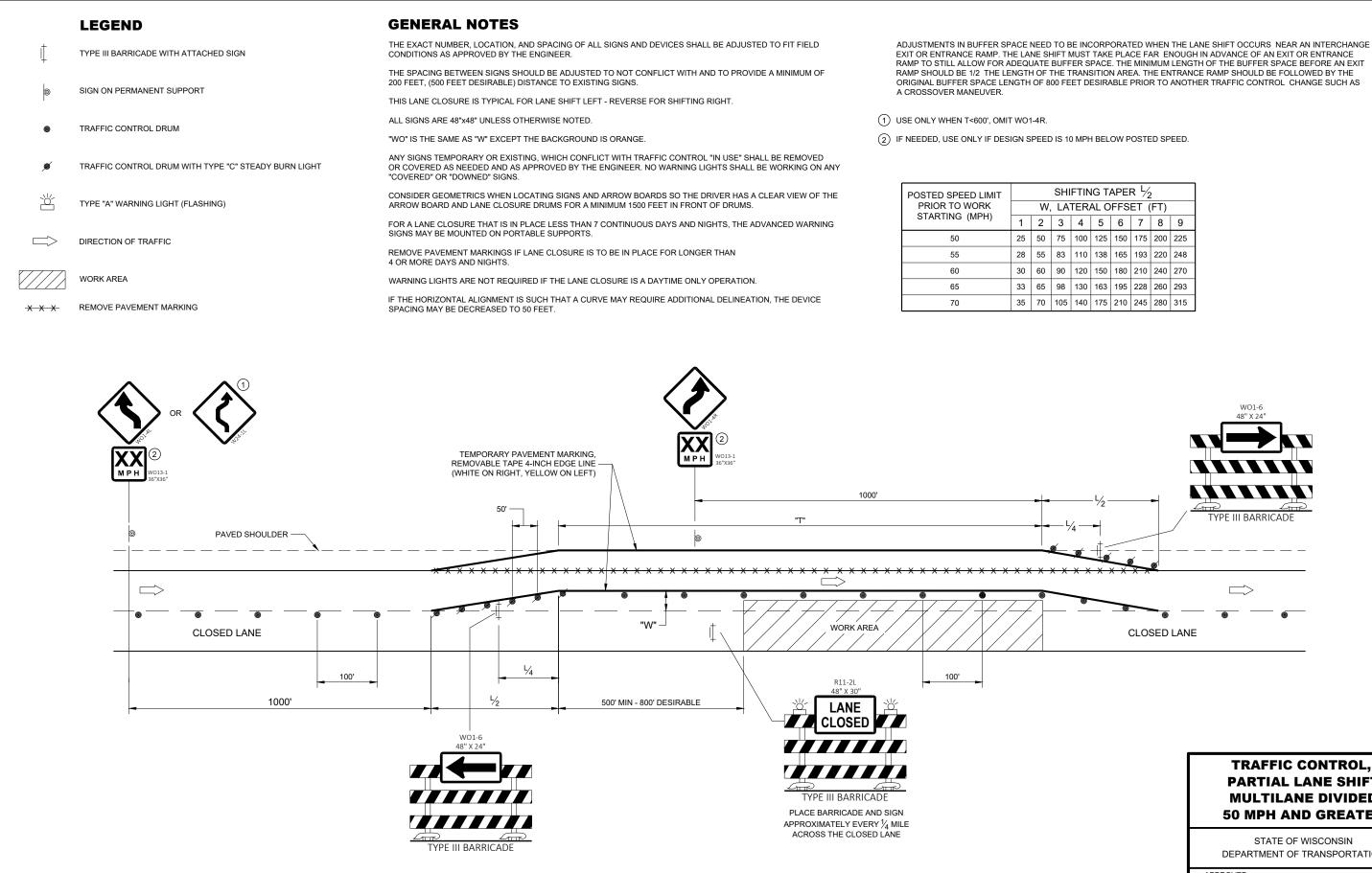


PARALLEL EXIT RAMP



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110	138	165	193	220	248		
120 150 180 210 240 270							
130	163	195	228	260	293		
140	175	210	245	280	315		

TRAFFIC CONTROL, **PARTIAL LANE SHIFT** MULTILANE DIVIDED **50 MPH AND GREATER**

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVED February 2021 DATE

/S/ Andrew Heidtke ROADWAY STANDARDS DEVELOPMENT ENGINEER 6

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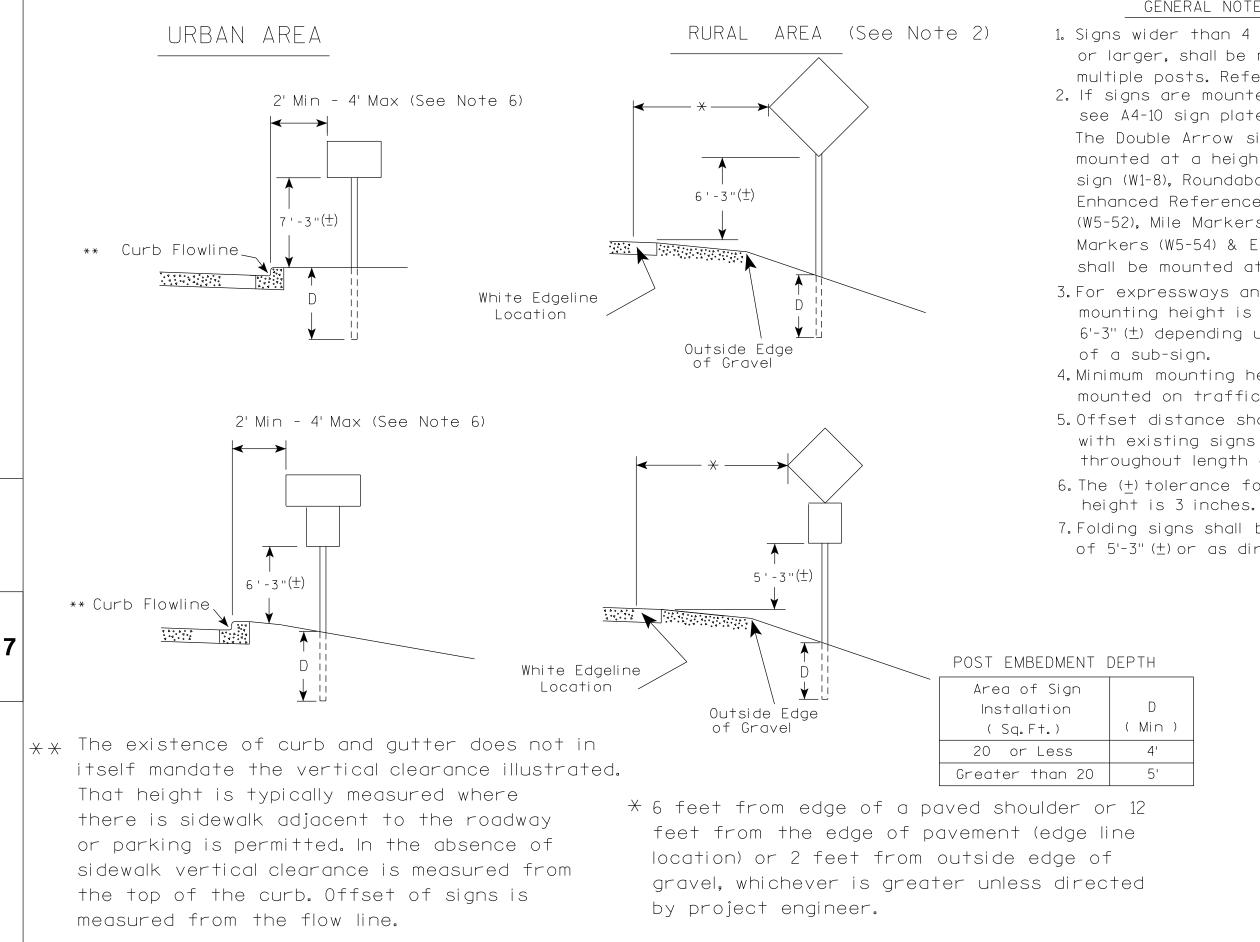
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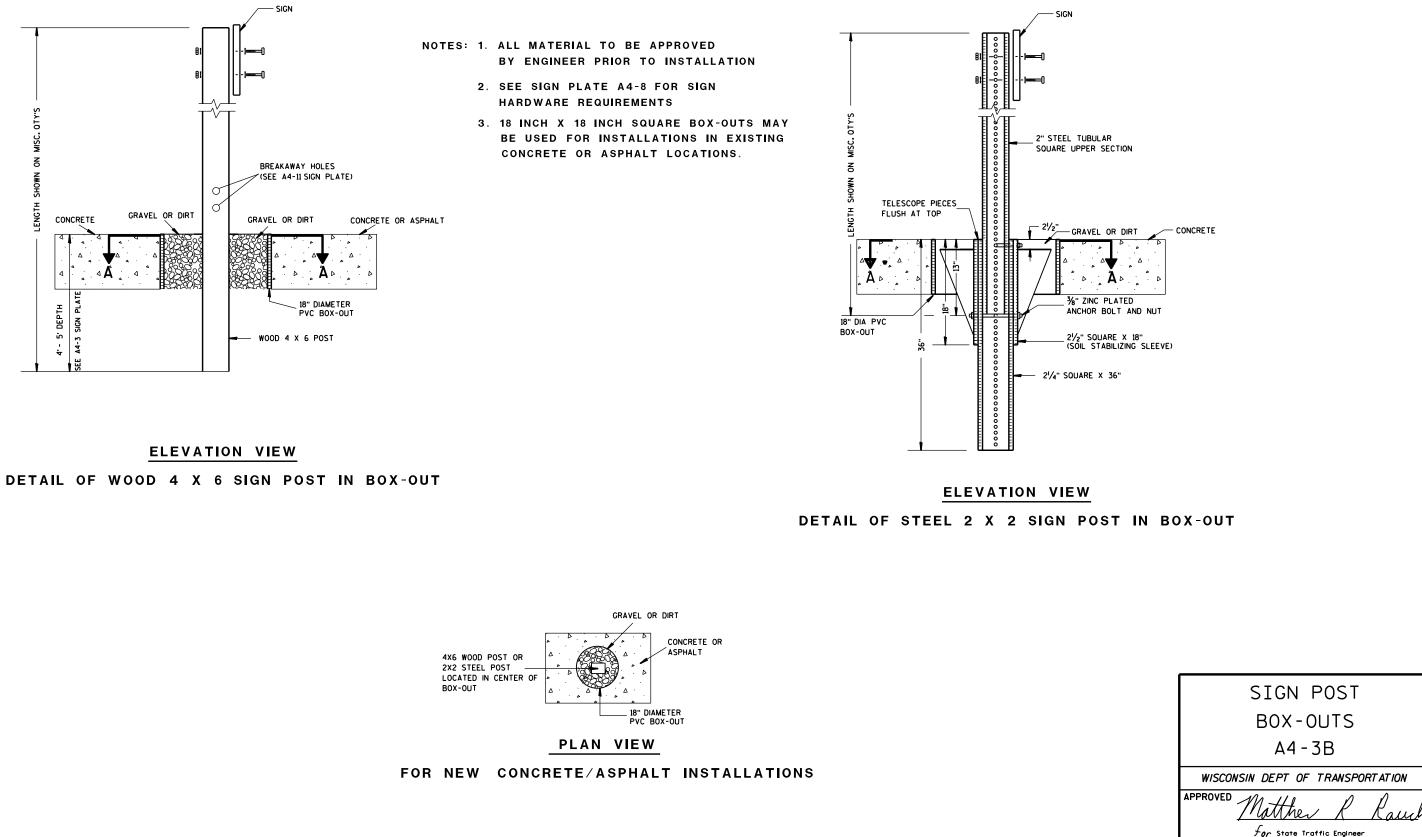


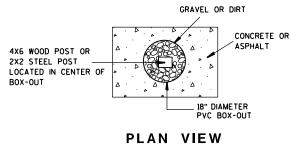
PROJECT NO:	HWY:	COUNTY:			
			DUAT DATE AT MAN AND A A	A DI OT DY O	DLOT NAME -

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





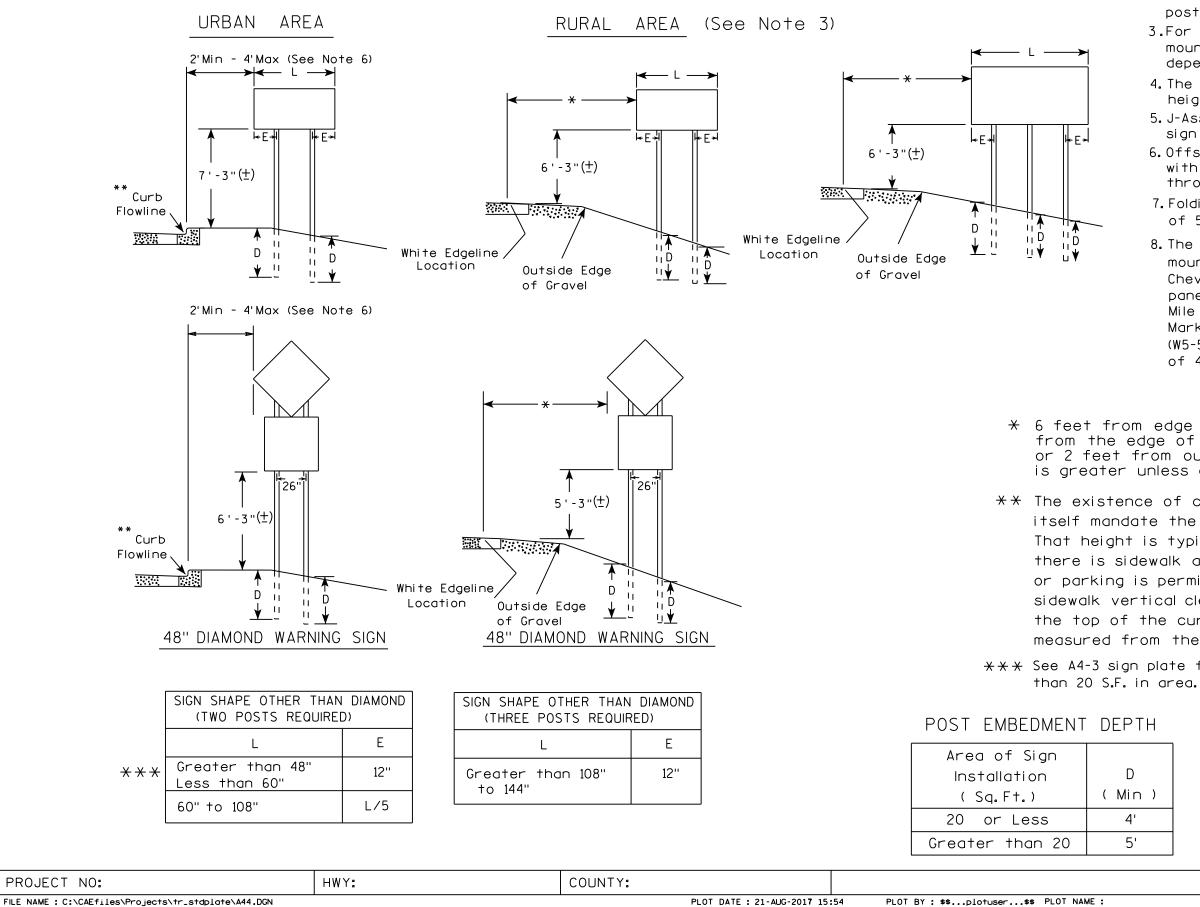
PROJECT NO:	HWY:	COUNTY:				
FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A43B.DGN			PLOT DATE : 27-JAN-2014 09:4	8	PLOT BY : mscsja	PLOT NAME :

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

SHEET NO:

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

Ε



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.

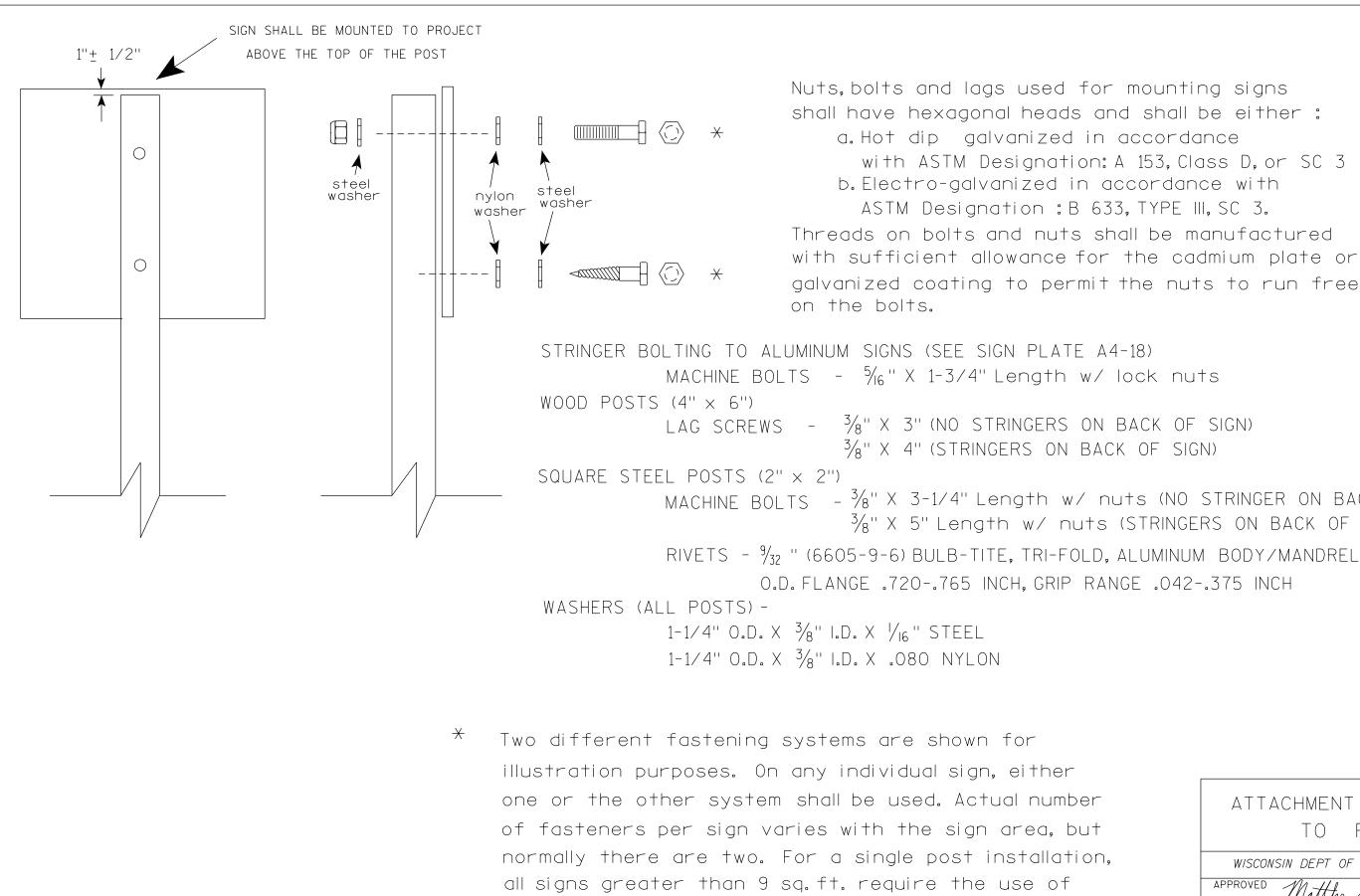
** The existence of curb and gutter does not in itself mandate the vertical clearance illustrated. That height is typically measured where there is sidewalk adjacent to the roadway or parking is permitted. In the absence of sidewalk vertical clearance is measured from the top of the curb. Offset of signs 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	L 5 - 100 100007-1 00000

PLOT SCALE : 108.188297:1.000000

WISDOT/CADDS SHEET 42



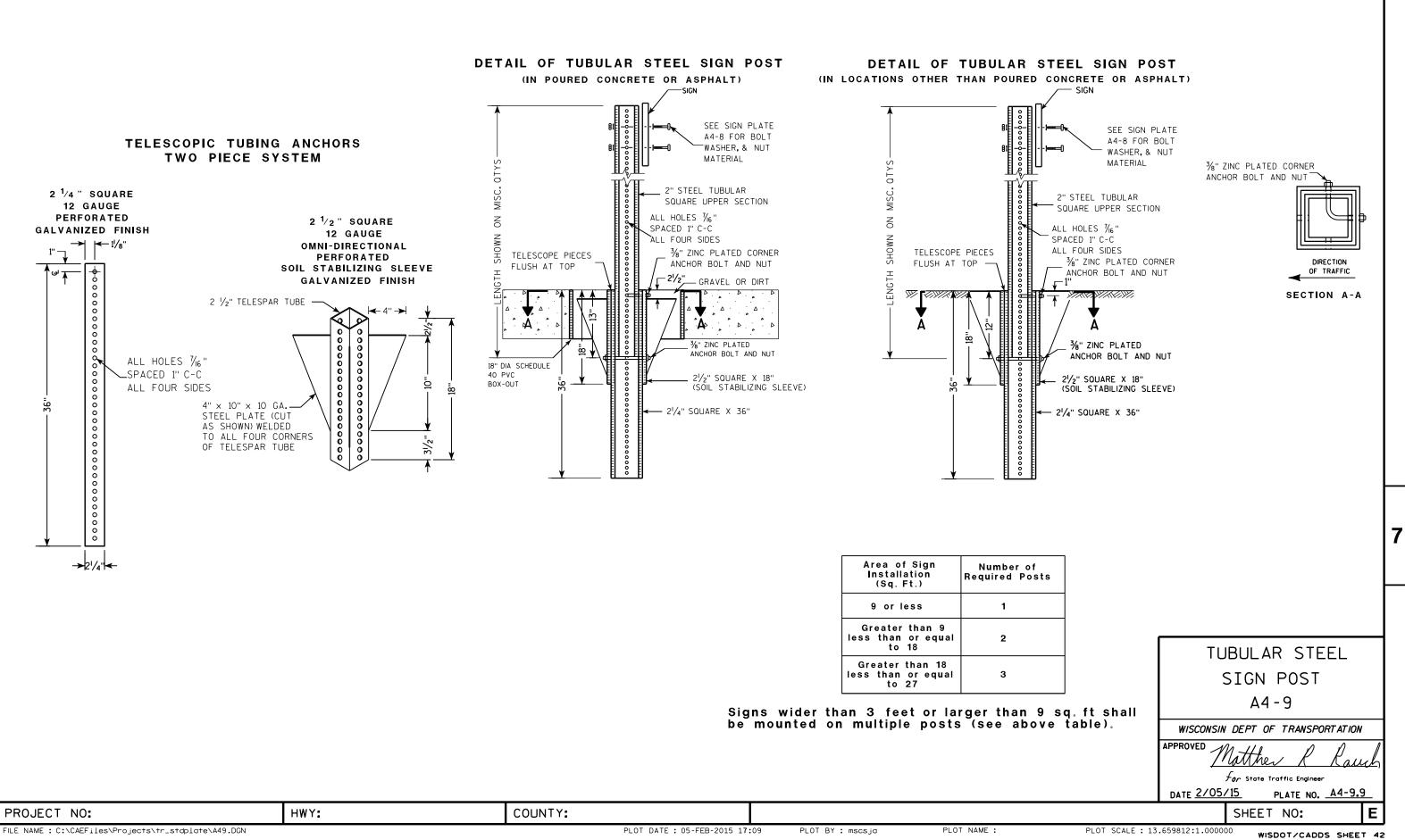
3 fasteners.

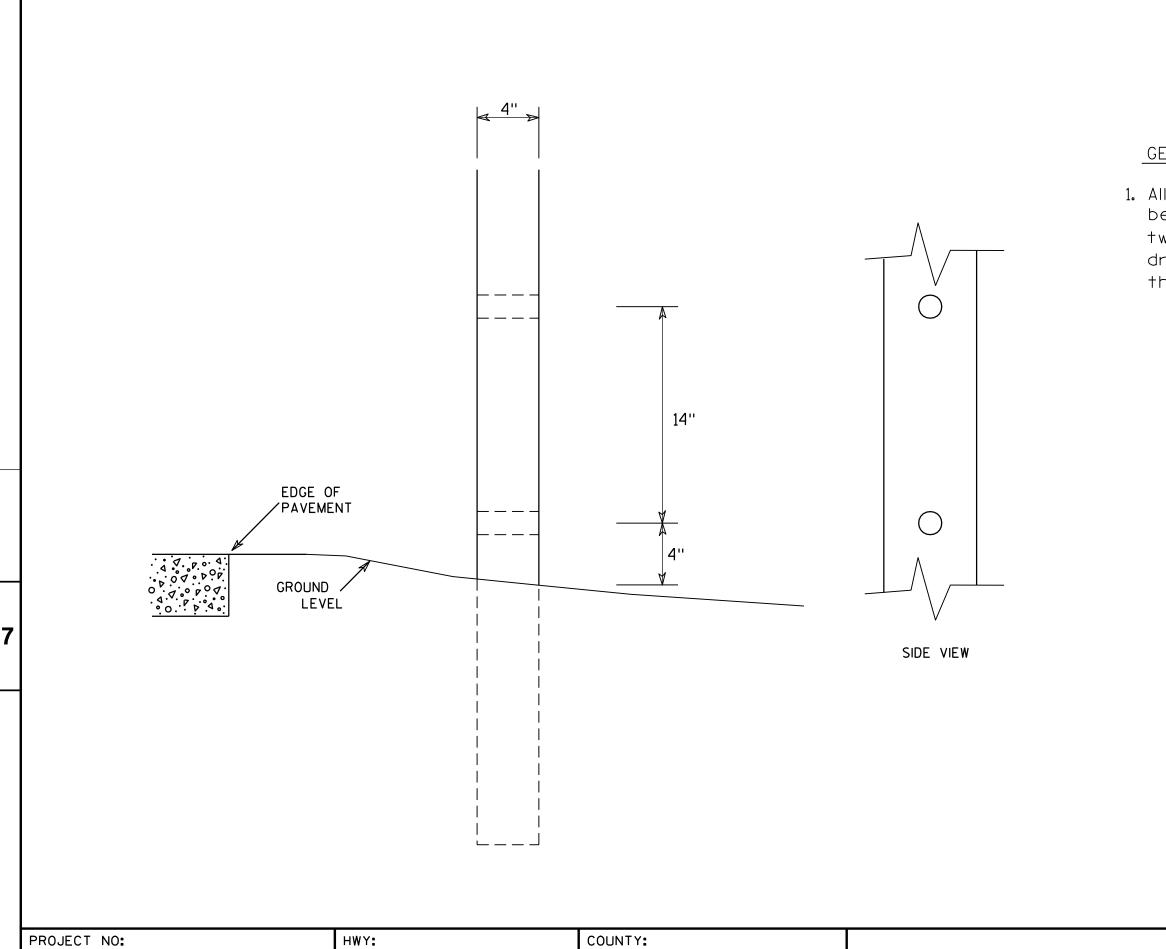
Nuts, bolts and lags used for mounting signs shall have hexagonal heads and shall be either : a. Hot dip galvanized in accordance with ASTM Designation: A 153. Class D. or SC 3 b. Electro-galvanized in accordance with ASTM Designation : B 633, TYPE III, SC 3. Threads on bolts and nuts shall be manufactured 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
<i>+or</i> State Traffic Engineer
DATE <u>4/1/202</u> 0 plate no. <u>44-8.9</u>
SHEET NO: E



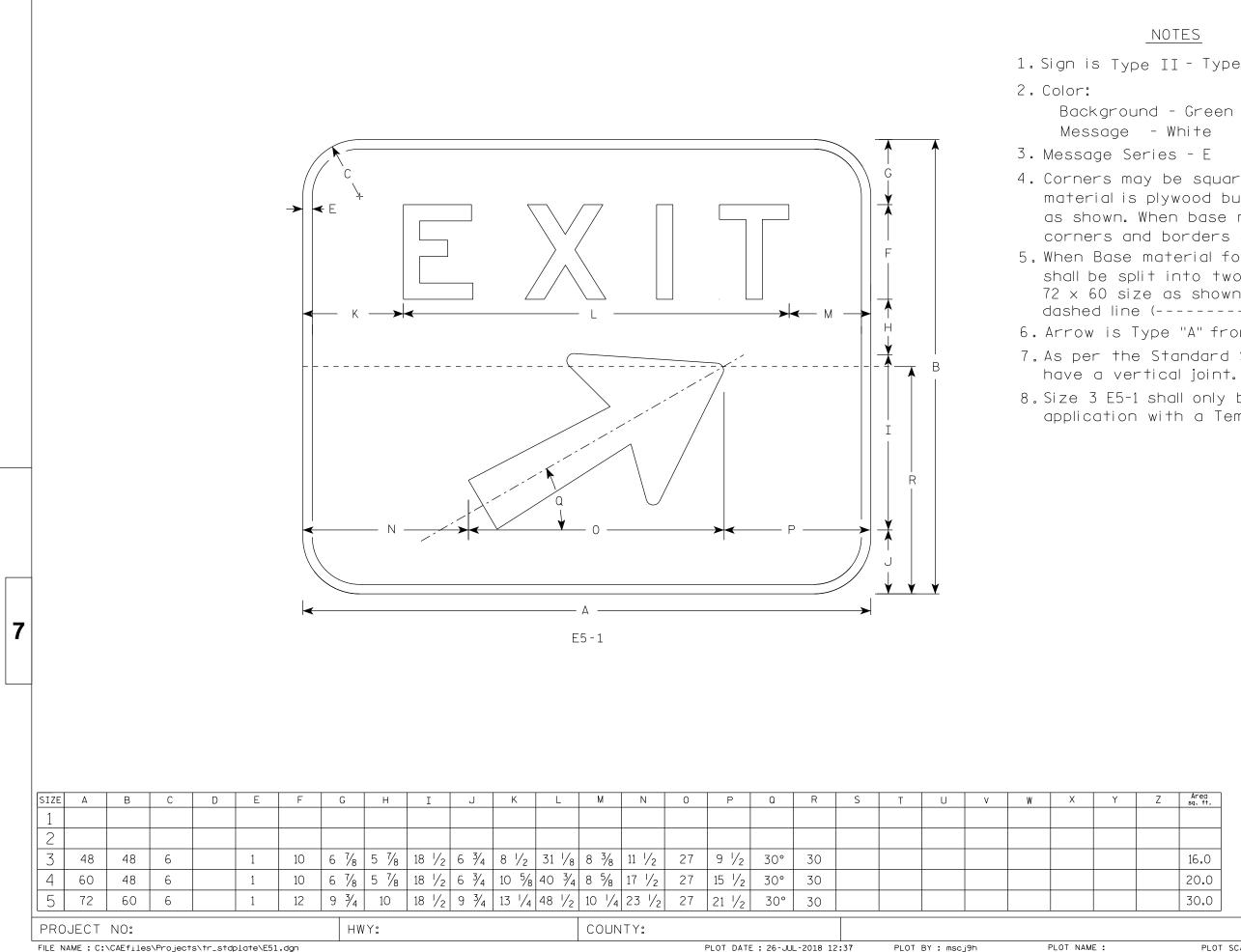


FILE NAME : C:\Users\Projects\tr_stdplate\A411.DGN

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.

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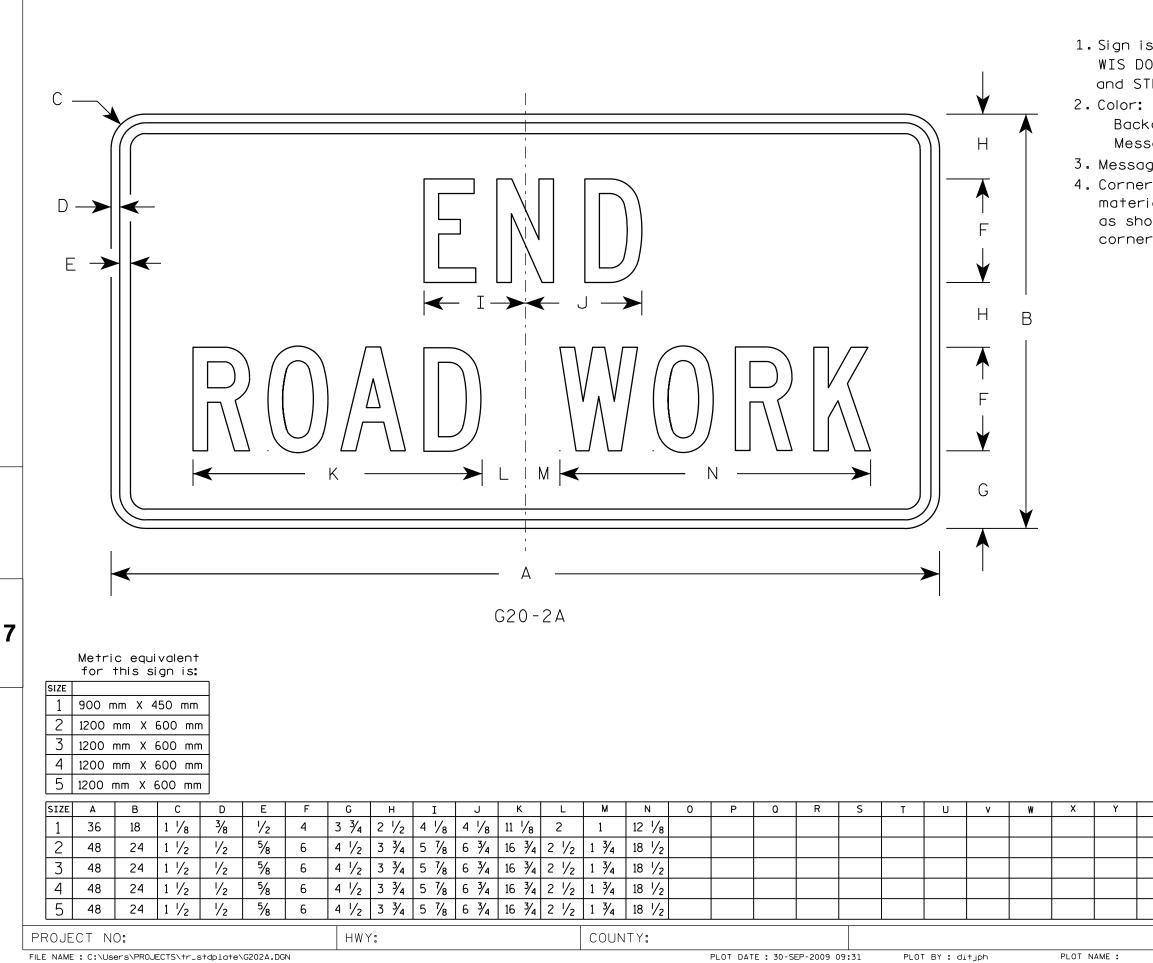
FILE NAME : C:\CAEfiles\Projects\tr_stdplate\E51.dgn

PLOT DATE : 26-JUL-2018 12:37

PLOT NAME :

NOTES 1. Sign is Type II - Type H reflective 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. When Base material for this sign is plywood sign shall be split into two seperate pieces for the 72 x 60 size as shown on the detail by the dashed line (-----). 6. Arrow is Type "A" from sign plate A1-1. 7. As per the Standard Spec's, this sign shall not 8. Size 3 E5-1 shall only be used in a Work Zone application with a Temporary Sign Support

7	Area	1	ST,	ANDAR	D SIGN	
Z	sq. ft.			E5 -	- 1	
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			WISCONSIN	DEPT OF	TRANSPORTATION	r
	16.0		APPROVED	Matthe	R Rauch	
	20.0		_		Iraffic Engineer	_
	30.0		DATE 7/26		PLATE NO. <u>E5-1.10</u>	_
			I	SHEET		Ε
	PLO	SCALE : \$\$	plotscale	\$*wise	OT/CADDS SHEE	T 42



NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.

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.

7	Area	Area	l	S	FANDA	RD SIG	GN			
Z	sq. ft.	m2								
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	8.0	0.72		WISCON	F TRANSPO	ORTATION				
	8.0	0.72		APPROVED	M.#	er R	0 1			
	8.0	0.72						—		
		0.70			Sto	te Traffic Engir	heer			
	8.0	0.72		DATE <u>9/3</u>	0/09	PLATE NO.	<u>G20-2A</u>	.8		
					SHEET	NO:		Ε		
	F	PLOT SCA	LE : 5.5617	73:1.000000) WISE	OT/CADDS	SHEET	42		

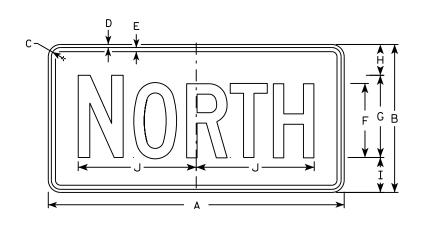
7	size 1 2 3 4	Metric e <u>M1</u> 600 mm 900 mm	-1 X 600 X 900 X 900	D mm D mm D mm	size 2 3 4	these 600 m 900 m	e signs M1-1A nm X 7 nm X 11 nm X 11	50 mm 125 mm 125 mm										MI-1A					H G E J F K		4.5 5.N 6.P	ign is IS DC nd ST Back Mess Jessag Jos per 11-1 - N Ir I1-1A - erman Mess Detour Back Mess	oT RU ag je tu f p lum All age o gr
		900 mm	x 900		5 E	900 m	nm X 11 G	125 mm н	I	J	к	L	м	N	0	Р	0	R	S	Т	U	v	W	x	Y	M1-1 Area sq. ft.	M1- Are sq.
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	SIZE 1 2 3 3	24			3⁄4	18	3 3⁄4	3		1 $1\frac{1}{2}$	8 ¹ /4	22 1 <u>/</u> 2	36	25 1⁄2	11 3⁄4								45			7.03	8.
	SIZE 1 2 3 3 4 3	24				18 18				1 1/2	8 ¹ /4 8 ¹ /4		36		11 ³ ⁄4 11 ³ ⁄4												8. 8.

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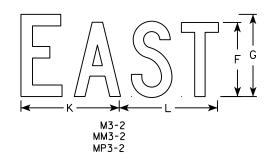
NOTES

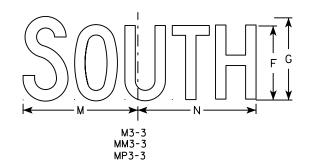
Type II - See Note 6 - reference Standard Specification for HIGHWAY RUCTURE CONSTRUCTION latest edition. ground - Top Red - Bottom Blue (See Note 6) ge - White - See Note 6 e Series - See note 5 ute appropriate numerals & ajust spacing plate A10-1. umerals - D terstate - C All copy - C ent Signs nge - Type H Reflective or other temporary signs ground - Reflective ge - Reflective

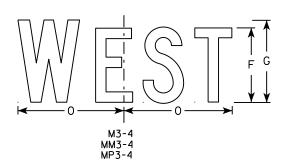
M1-1A Areg sq. ft.	M1-1 Area m2	M1-1A Area m2	INTERSTATE ROUTE MARKEF M1-1 FOR ASSEMBLIES	5
3.91	.36	.46	WISCONSIN DEPT OF TRANSPORTATION	
8.79	.81	1.05	APPROVED Matther & Rauch	\square
8.79	.81	1.05	For State Traffic Engineer	'
8.79	.81	1.05	DATE 08/23/05 PLATE NO. M1-1.8	
			SHEET NO:	-











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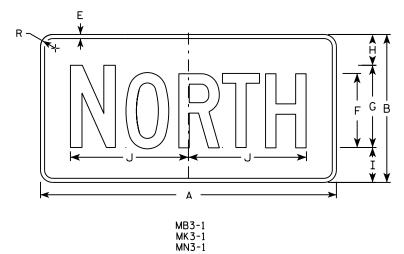
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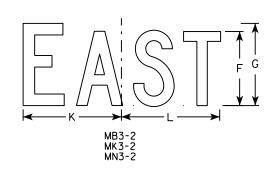
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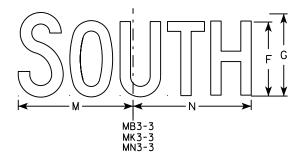
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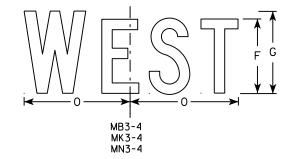
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- All Signs Type I
 Color:
 - Background -Message - Se
- 3. Message Series
- 4. Corners may be material is plyw as shown. When corners and bo
- 5. M3-1 thru M3-4

MB3-1 thru MB3.

- MK3-1 thru MK3-
- MM3-1 thru MM3-
- MN3-1 thru MN3-
- MP3-1 thru MP3
- 6. Note the first than the remai

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<u>TES</u> II - Type H
See note 5 See note 5 s - C e square or rounded when base wood but borders shall be rounded n base material is metal, the orders shall be rounded.
Background - White Message - Black -4 Background - Blue Message - White
-4 Background - Green
Message - White -4 Background - White
Message - Green -4 Background - Brown
Message - White -4 Background - White
Message – Blue t letter of each direction is larger inder of the message.

		STANDARD SIGNS
Z	Area sq. ft.	M3-1thur M3-4
		SERIES
	2.00	WISCONSIN DEPT OF TRANSPORTATION
	4.5	APPROVED Matthew P Paul
	4.5	for State Traffic Engineer
	4.5	DATE 10/15/15 PLATE NO. M3-1.14
		SHEET NO:

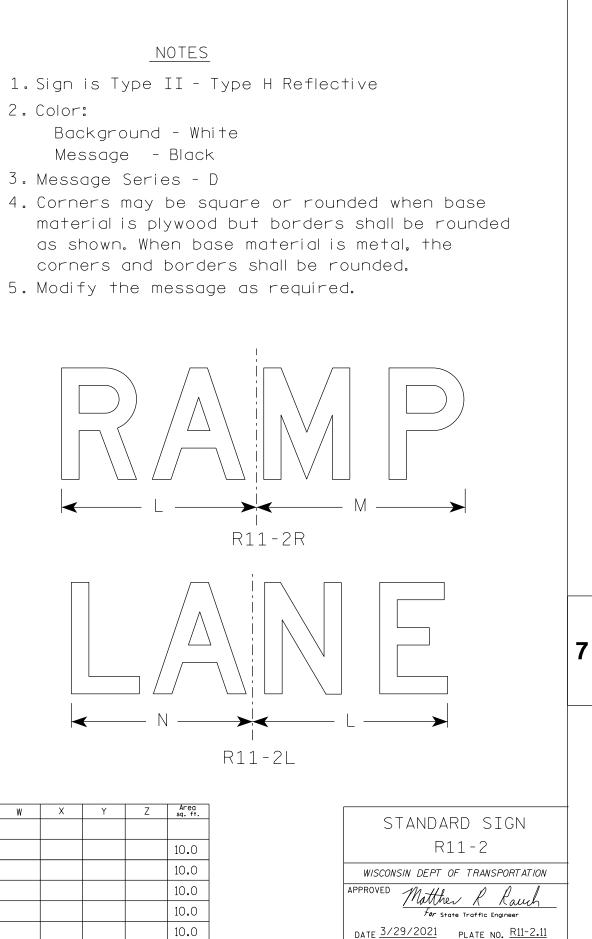
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										R11	- 2																	
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	SIZE	А	В	С	D	E	F	G	н	I	J	К	L	М	N	0	P	Q	R	S	Т	U	v	W	X	Y	Z	Are sq. f
	1																											
	25	48	30	1 3/8	1/2	5⁄8	8	5	4		13 ½	19	14	15	13	15 5/8												10.
	2M	48	30	1 3/8	1/2	5⁄8	8	5	4	13 1⁄4	13 ½	19	14	15	13	15 5/8												10.0
	3	48	30	1 3/8	1/2	5⁄8	8	5	4		13 ½	19	14	15	13	15 ⁵ ⁄8												10.0
	4	48	30	1 3/8	1/2	5⁄8	8	5	4		13 ½	19	14	15	13	15 5/8												10.0
	5	48	30	1 3/8	1/2	5⁄8	8	5	4	13 1/4	13 ½	19	14	15	13	15 5/8												10.0
	PRO	JECT	NO:						HWY:					С	OUNT	Y:												
L	FILE N	AME : C:	\Users\	PROJECTS'	\tr_stdp	late\R112	2.dgn										PLC	DT DATE :	29-MAR	2021 8:1	5	PLOT E	3Y : doto	:4c	F	PLOT NAMI	E :	

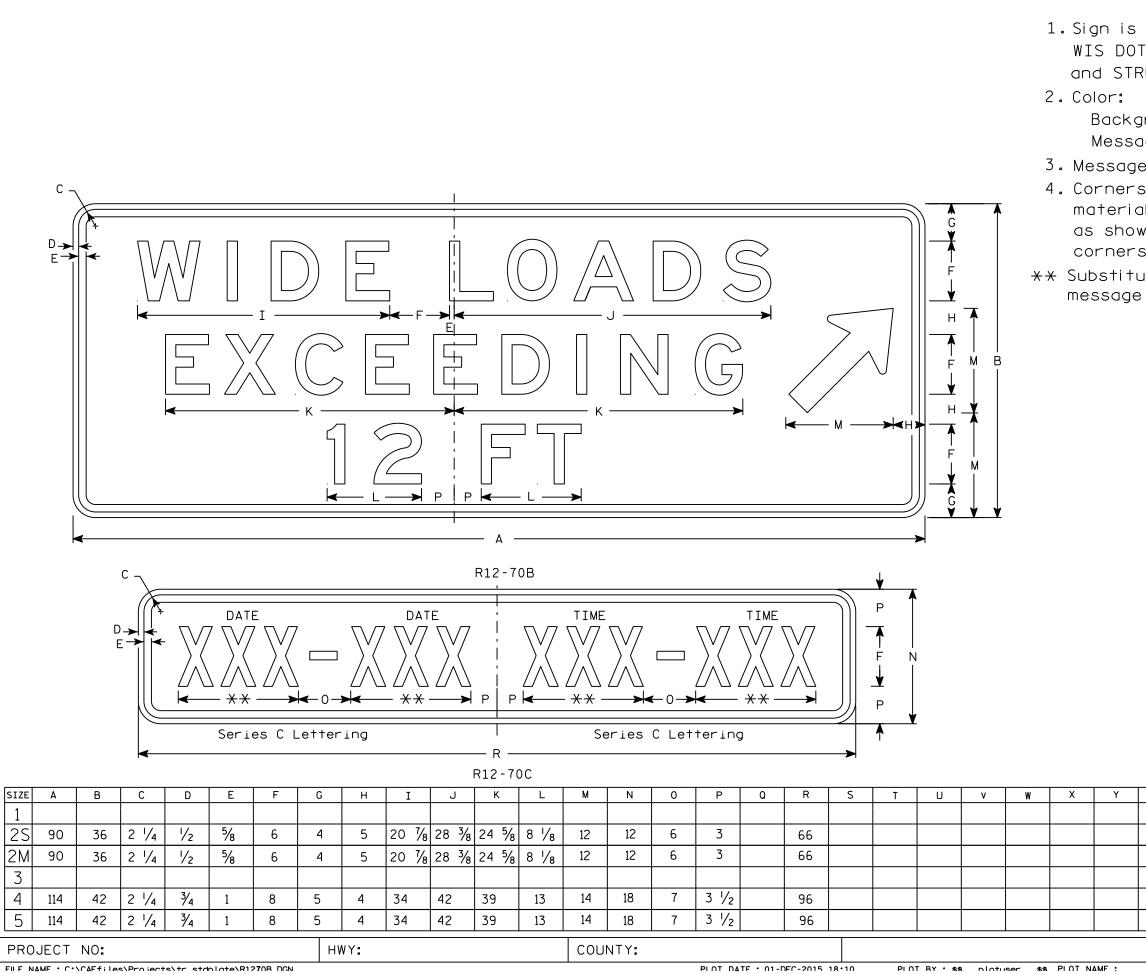
G Ā $D \rightarrow \checkmark$ F E → V ≻≺ . 1 ΗB

С.

- 2. Color:
- 3. Message Series D



	For sta	ite Traffic Engir	heer	
DATE <u>3/</u>	29/2021	PLATE NO.	<u>R11-2.1</u>	1
	SHEET	NO:		Ε



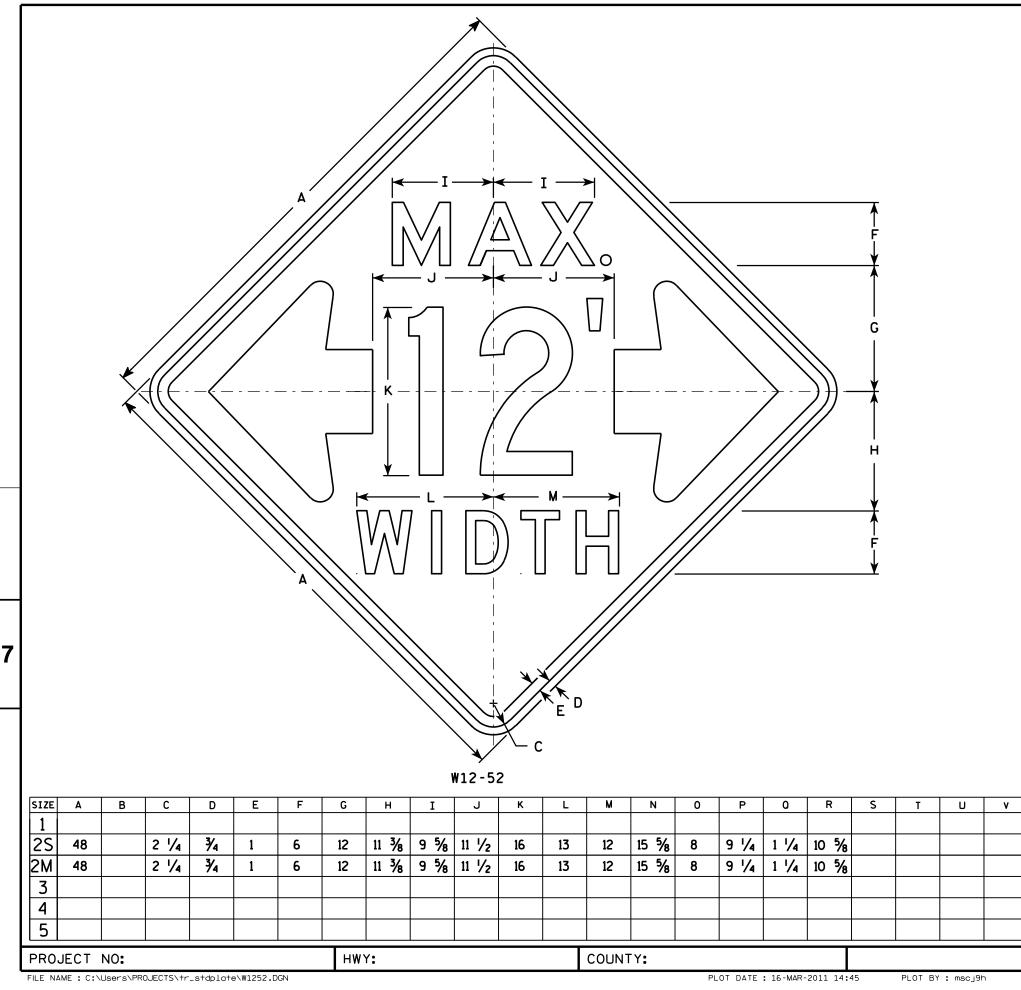
PLOT DATE . 01-DEC-2015 18.10

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.

Background - White Message – Black 3. Message Series - E except as noted 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. ** Substitute appropriate message, optically center

	R12-70	R12-70C	
Z	Area sq. ft.	Area sq. ft.	TYPICAL SIGN
			R12-70B
	22.5	5.5	
	22.5	5.5	WISCONSIN DEPT OF TRANSPORTATION
			APPROVED Matthew & Rauch
	36.75	12.0	$\int_{ac} \text{State Traffic Engineer}$
	36.75	12.0	DATE 11/10/15 PLATE NO. R12-70B.3
			SHEET NO: E



PLOT NAME :

W

Х

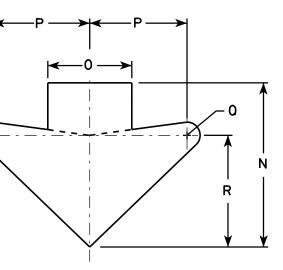
Y

NOTES

2. Color:

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.

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. The top line is series E, the numerals are series C, and the bottom line is series D.
6. Substitute appropriate numerals and adjust spacing as required.



ARROW DETAIL

		PLOTS	CALE : 9.13	37199:1.000000	SHEET	NO:	Ε
				DATE	<u>6/11</u>	PLATE NO. <u>W12-5</u> 2	<u>2.7</u>
-						• Traffic Engineer	
				-	Matther	R Rauch	_
				APPROVED	Malle	0 0 I	
		16.0		WISCONSI	V DEPT OF	TRANSPORTATION	/
		16.0			W12	-52	
				SI.	ANDAR	D SIGN	
	Z	Area sq. ft.		6 T		D. GTON	

		1. s 2. 3. 4.
	$\begin{array}{c c} & & & \\ \hline \\$	
•	W20-1A W20-1B	
	SIZE A B C D E F G H I J K L M N O P O R S T 1 36 1 5/8 5/8 3/4 5 2 5/8 3 1/4 10 1/8 7 7 5/8 8 1 1/8 4 1/2 3 1/2 9 3 1/4 2 2 5/8 5/8 7 2 48 2 1/4 3/4 1 8 3 3/4 5 1/8 15 3/8 11 1/8 12 1/8 14 3/8 1 5/8 3 3 8 5/8 2 48 2 1/4 3/4 1 8 3 3/4 5 1/8 12 1/8 14 3/8 1 5/8 13 7/8 4 3/8 3 7/8 8 5/8 3 8 5/8 3 8 5/8 3 8 5/	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$

3 3/4 5 1/8 15 3/8 11 1/8 12 1/8 14 3/8 1 5/8 6 7/8 5 3/8 13 7/8 4 3/8 3 7/8

PROJECT	NO:
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48

5

7

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\W201.DGN

2 1/4

3/4

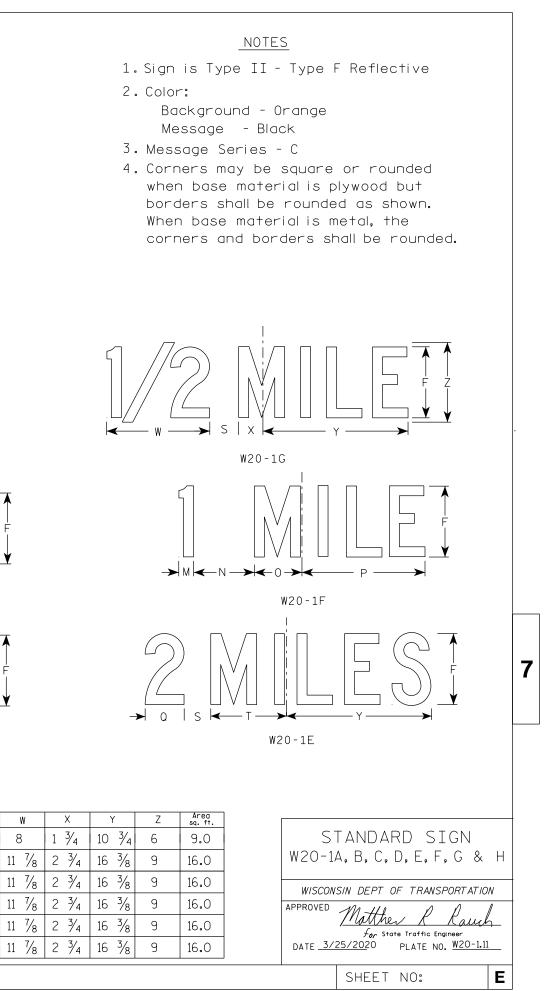
1

8

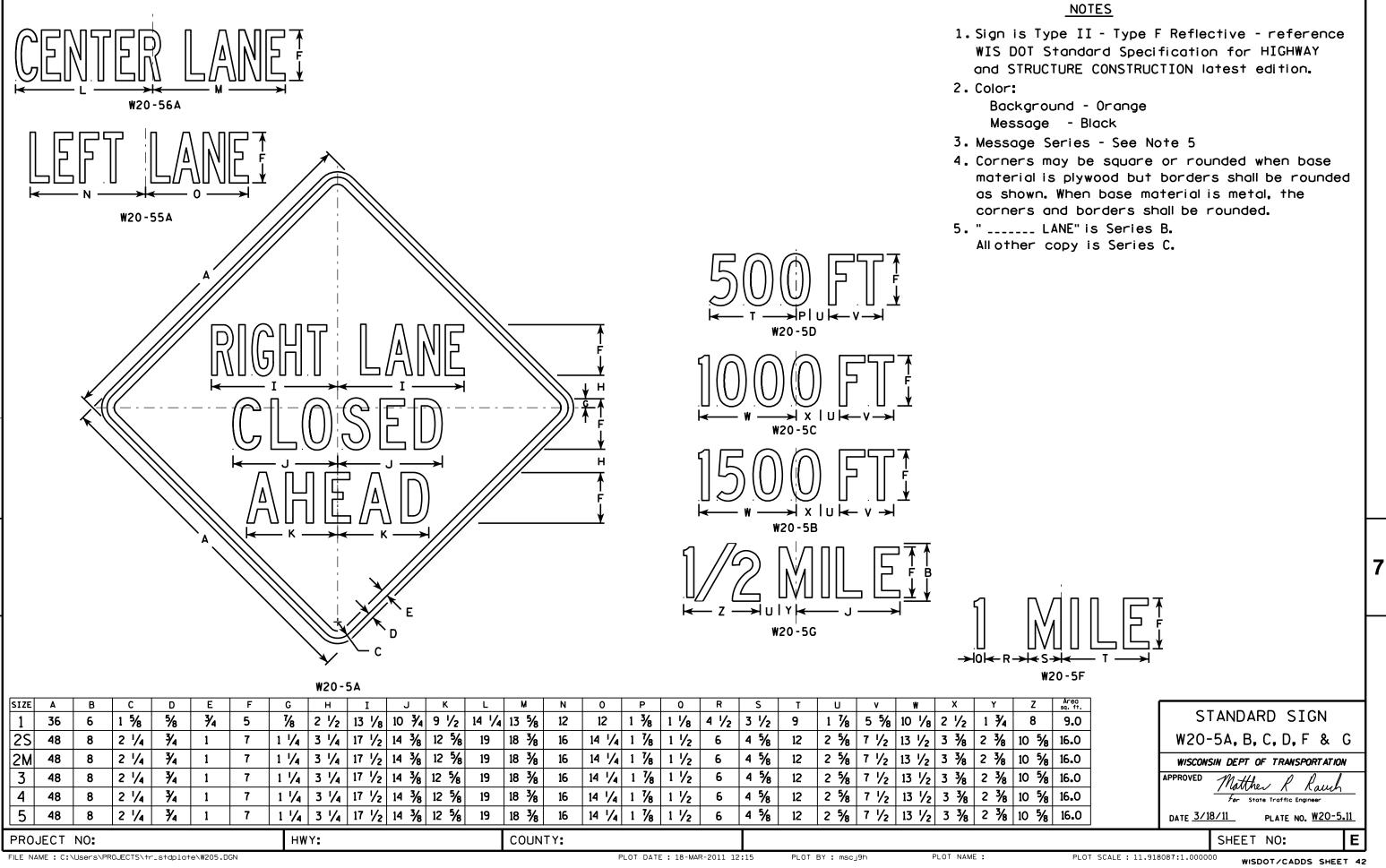
PLOT BY : dotc4c

3

8 5/8 13 3/4 2 1/8



WISDOT/CADDS SHEET 42



$ \begin{array}{c} \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\$	

- 2. Color:
 - Background Orange Message – Black

SIZE	Α	В	С	D	E	F	G	н	I	J	к	L	M	N	0	Р	0	R	S	Т	U	v	W	X	Y	
1	36		1 5/8	5⁄8	3⁄4	12	4	45°	1	1 3⁄4	5	3	1 1/2													
2S	48		2 1⁄4	3⁄4	1	16	5 3/8	45°	1 1/4	2 3/8	6 3⁄4	4	2													
2M	48		2 1/4	3⁄4	1	16	5 3/8	45°	1 1/4	2 3/8	6 3⁄4	4	2													
3	48		2 1/4	3⁄4	1	16	5 3/8	45°	1 1/4	2 3/8	6 3⁄4	4	2													Γ
4	48		2 1/4	3⁄4	1	16	5 3/8	45°	1 1/4	2 3/8	6 3⁄4	4	2													Γ
5	48		2 1/4	3⁄4	1	16	5 3/8	45°	1 1/4	2 3/8	6 3⁄4	4	2													
																										-
PRO	JECT	NO:																								

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\W042.DGN

7

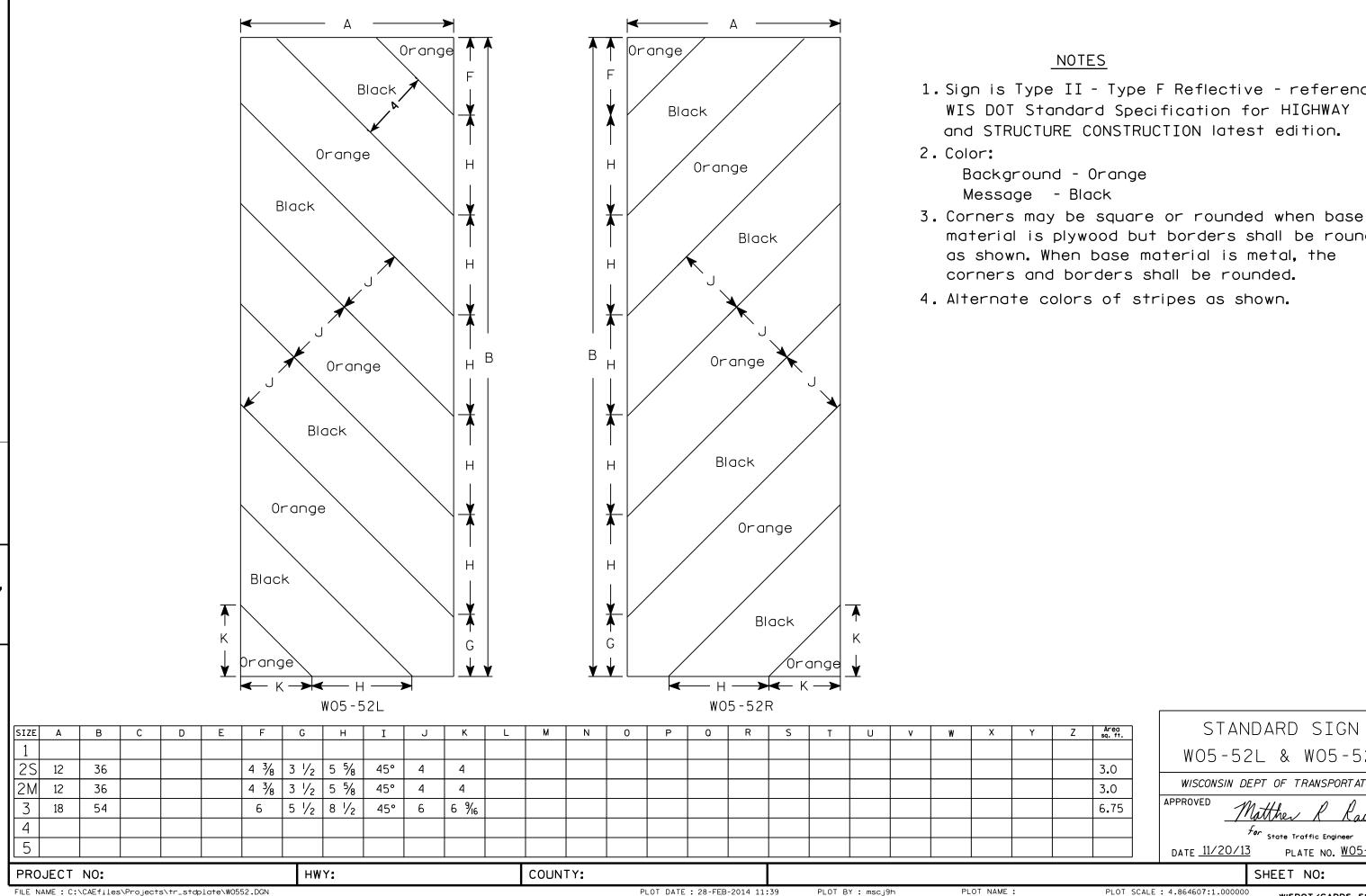
NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.

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.

Z	Areo sq. ft.	STANDARD SIGN
	9.0	WO4-2
	16.0	W04-2
	16.0	WISCONSIN DEPT OF TRANSPORTATION
	16.0	APPROVED Matthew & Rauch
	16.0	ForState Traffic Engineer
	16.0	DATE 11/20/13 PLATE NO. W04-2.1
		SHEET NO: E



NOTES

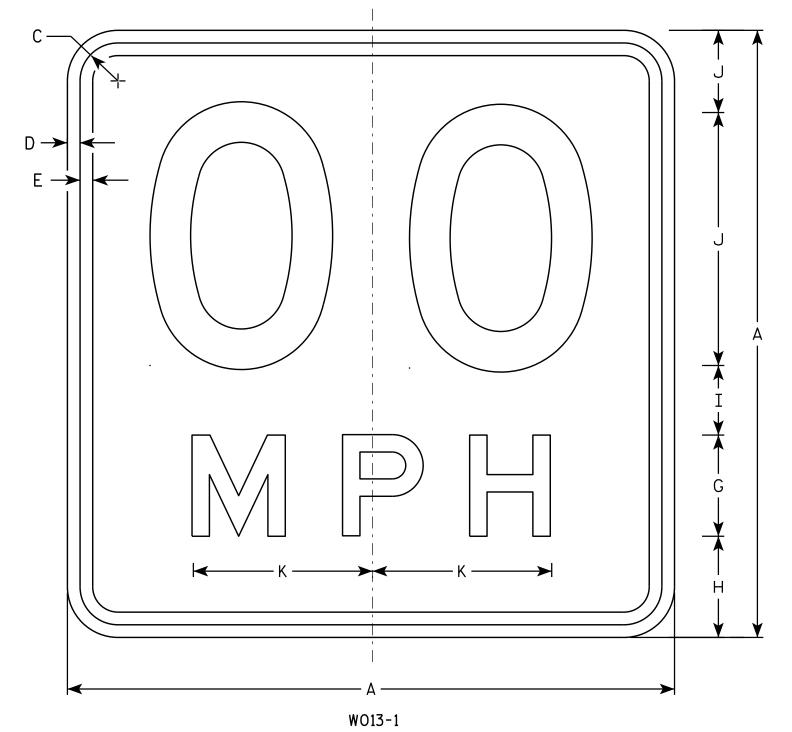
1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.

Background - Orange

material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

Z Area	STANDARD SIGN	
	W05-52L & W05-52R	
3.0	WISCONSIN DEPT OF TRANSPORTATION	
3.0		
6.75	APPROVED Matther & Rauch	
	For State Traffic Engineer	-
	DATE <u>11/20/13</u> PLATE NO. <u>W05-52.1</u>	<u>1</u>
	SHEET NO:	E

WISDOT/CADDS SHEET 42



NOTES

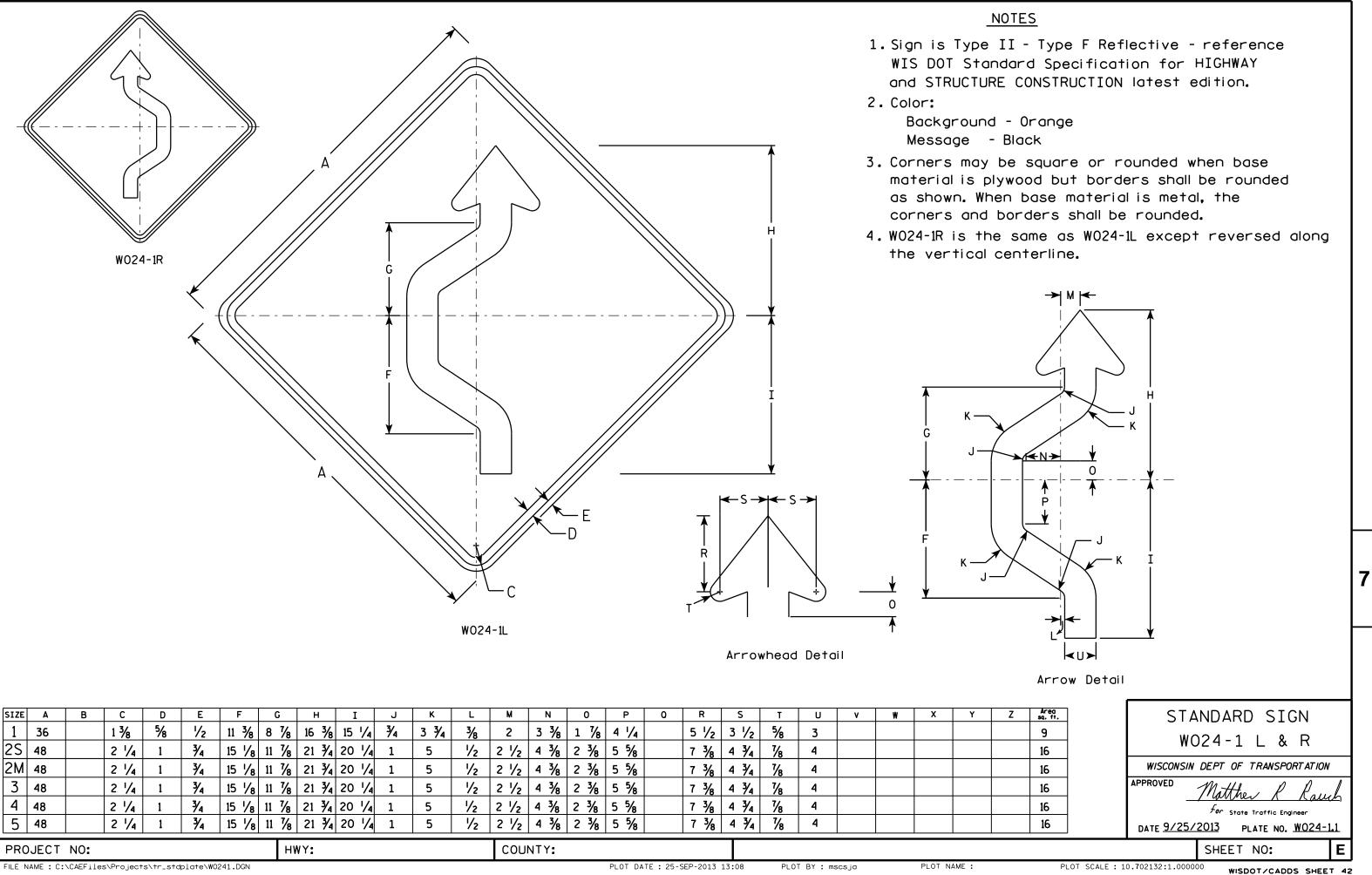
- 1.Sign is Type II WIS DOT Standard and STRUCTURE COI
- 2. Color:
 - Background Or Message - Black
- 3. Message Series -
- 4. Corners may be s material is plywoo as shown. When b corners and bord
- 5. Substitute approp about centerline
- 6. Line 1 is Series D Line 2 is Series E

7

SIZE	Α	В	С	D	E	F	G	н	I	J	ĸ	L	М	N	0	Р	0	R	S	Т	U	v	W	X	Y	Z
1	24		1 1/8	3∕8	1/2	10	4	4	2 3⁄4	3 1⁄4	7 1/8															
2S	36		1 5/8	5⁄8	3⁄4	16	6	5 1/2	4	4 1/2	10 5/8															
2M	36		1 5/8	5⁄8	3⁄4	16	6	5 1/2	4	4 1/2	10 5/8															
3	36		1 5/8	5⁄8	3⁄4	16	6	5 1/2	4	4 1/2	10 5/8															
4	36		1 5/8	5⁄8	3⁄4	16	6	5 1/2	4	4 1/2	10 5/8															
5	36		1 5/8	5⁄8	3⁄4	16	6	5 1/2	4	4 1/2	10 5/8															
ROJEC	CT NO):					нพ	'Y:					COU	NTY:												
E NAME :	: C:\CAE	Files\P	rojects\t	r_stdpl	o†e∖₩0131	.DGN							-			PLOT [DATE : 02	2-DEC-201	3 13 : 55	F	LOT BY :	mscsja		PL	DT NAME	:

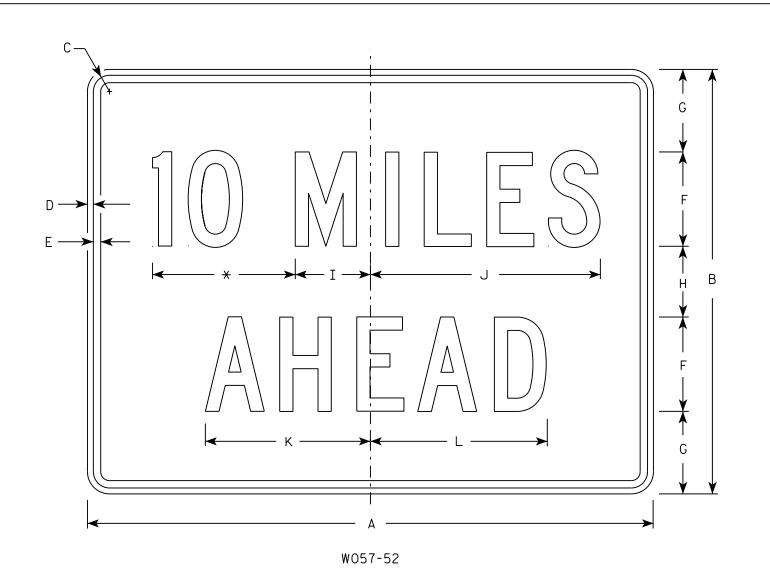
5				
- Type F Ref I Specificatio NSTRUCTION	on for H	IGHWAY		
range k See Note 6 square or ro od but borde ase material lers shall be	unded wh ers shall is metal rounded. als and c	en base be rounded , the 	•	
-				
				7
Areo sq. ft.	STAN	NDARD SIGN		
4.00		WO13-1		
9.00	WISCONSIN L	DEPT OF TRANSPORTATIO	N	
9.00	APPROVED 1	Natther & Rauch		
9.00		For State Traffic Engineer		
9.00		PLATE NO. WO13-	1.1	
	-	SHEET NO:	E	

WISDOT/CADDS SHEET 42



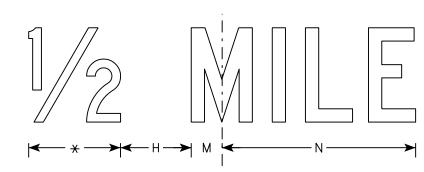
PROJECT NO:	HWY:	CO
FILE NAME : C:\CAEFiles\Projects\tr_stdplate\W0241.DGN		







- 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 corners and borders shall be rounded.



* See note 5

SIZE	Α	В	С	D	E	F	G	н	I	J	к	L	м	N	0	P	0	R	S	Т	U	v	W	X	Y	Z	Ar sq.
1	36	24	1 1/8	3⁄8	1/2	6	4 1/2	3	4 3/4	14 5/8	10 5/8	11 3/8	2	12													6
2S	48	36	1 3/8	1/2	5⁄8	8	7	6	6 3/8	19 1/2	14	15	2 3/4	16 3/8													12
2M	48	36	1 3/8	1/2	5⁄8	8	7	6	6 3/8	19 1/2	14	15	2 3/4	16 3/8													12
3	48	36	1 3/8	1/2	5⁄8	8	7	6	6 3/8	19 1/2	14	15	2 3/4	16 3/8													12
4	48	36	1 3/8	1/2	5%	8	7	6	6 3/8	19 1/2	14	15	2 3/4	16 3/8													12
5	48	36	1 3/8	1/2	5⁄8	8	7	6	6 3/8	19 1⁄2	14	15	2 3/4	16 3/8													12
PRO	JECT	NO:						HWY:					C	COUNTY	e 0												
																										-	

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\W05752.DGN

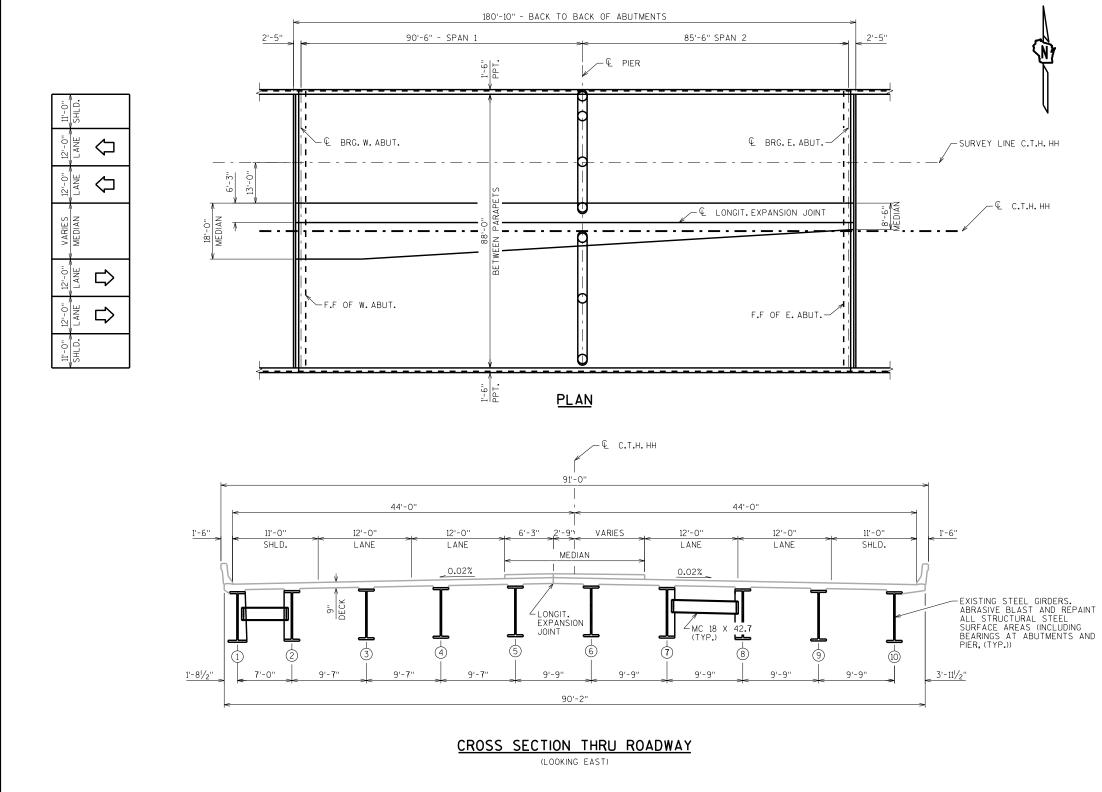
PLOT DATE : 21-MAR-2017 08:53

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PLOT BY : \$\$...plotuser...\$\$ PLOT NAME :

material is plywood but borders shall be rounded as shown. When base material is metal, the 5. Substitute appropriate numerals to the nearest quarter mile and optically adjust spacing to achieve proper balance.

Area sq. ft.		STANDARD SIGN
6.0		W057-52
12.0		
12.0		WISCONSIN DEPT OF TRANSPORTATION
12.0		APPROVED Matthew & Rauch
12.0		f_{or} State Traffic Engineer
12.0		DATE <u>3/21/17</u> PLATE NO. <u>W057-52.2</u>
		SHEET NO: E
	PLOT SCALE : 8	.139174:1.000000 WISDOT/CADDS SHEET 42



TOTAL ESTIMATED QUANTITIES

8

BID ITEM NUMBER	BID ITEMS	UNIT	TOTAL
517.1801.S	STRUCTURE REPAINTING RECYCLED ABRASIVE B-49-021	EACH	1
517.4501.S	NEGATIVE PRESSURE CONTAINMENT AND COLLECTION OF WASTE MATERIALS B-49-021	EACH	1
51 7. 6001.S	PORTABLE DECONTAMINATION FACILITY	EACH	1

1. STRUCTURE REPAINTING

1166-05-84

<u>DESIGN DAT</u>A

LIVE LOAD: (TAKEN FROM HSI- 07/29/13) INVENTORY RATING FACTOR: RF = HS-21 OPERATING RATING FACTOR: RF = HS-35 MAXIMUM STANDARD PERMIT VEHICLE LOAD - 200 KIPS.

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED. THE COLOR OF THE FINISH TOP COAT SHALL BE LIGHT GREY, AMS STANDARD COLOR $\pm 26293.$ DIMENSIONS SHOWN ARE BASED ON THE EXISTING STRUCTURE PLANS.

TRAFFIC VOLUME

CTH HH ADT = 18000 (2045) R.D.S. = 40 M.P.H.

H 39 ADT = 30000 (2045) R.D.S. = 75 M.P.H.

NO. DA	TE	RE	VISION		ВҮ	
OFFRANTING TO F		SIRU M			5/2022	8
ST		URE E	8-49-	021	DATE	
COUNTY		PORTAGE	CITY	STEVEN	NS POINT	
DESIGN REHABIL DESIGNE BY	ITATION N	SIGNED	DRAWN	IFC CKD.	⁵ DLM	0
	STRL			SHEET 1	OF 2	-E = 15.00
I.D. 116	6-05-14		•	DATE: AP	RIL 2021	SCALE

(608) 266-9557

(608) 26**7**-9592

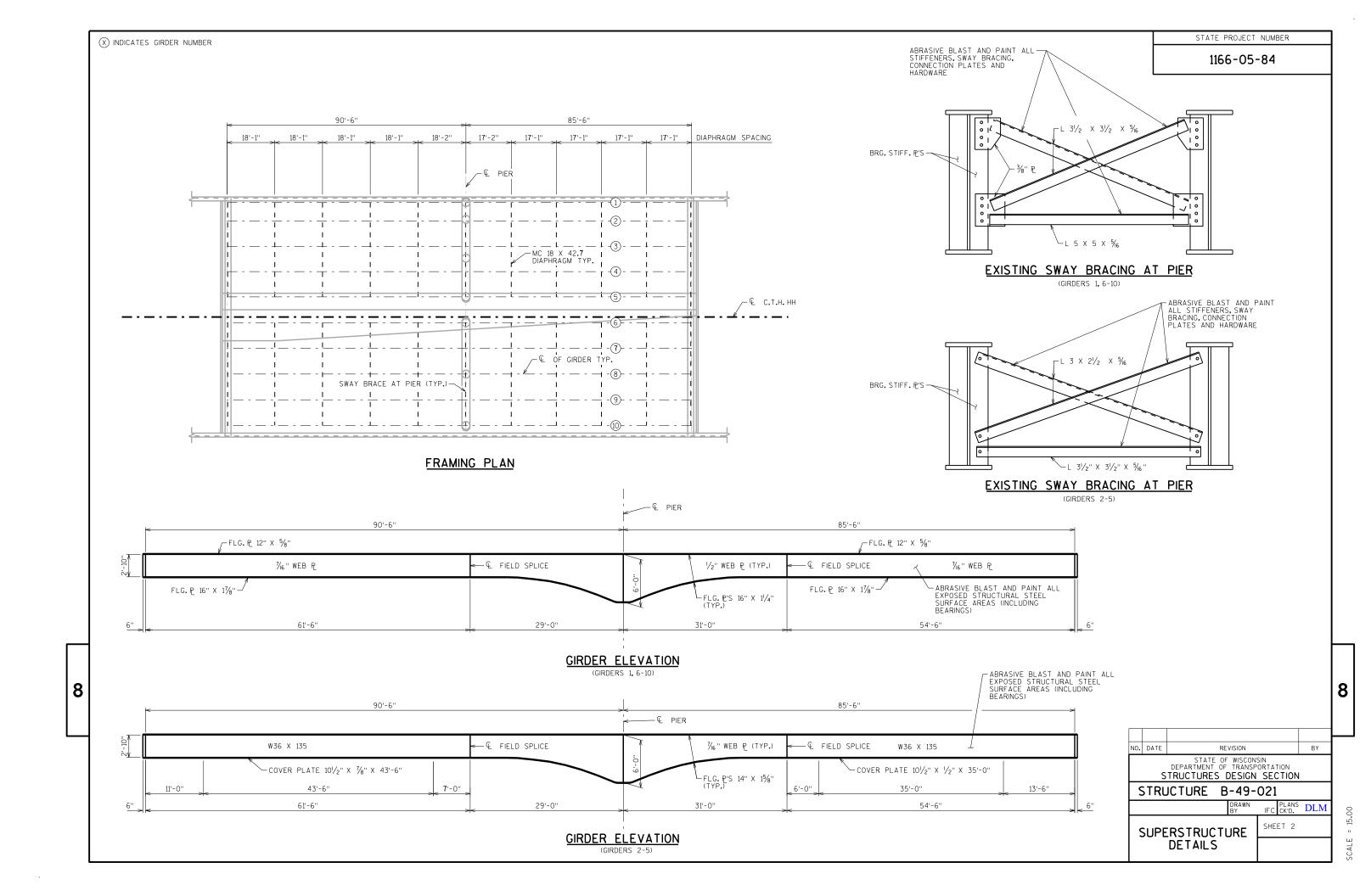
STRUCTURE DESIGN CONTACTS:

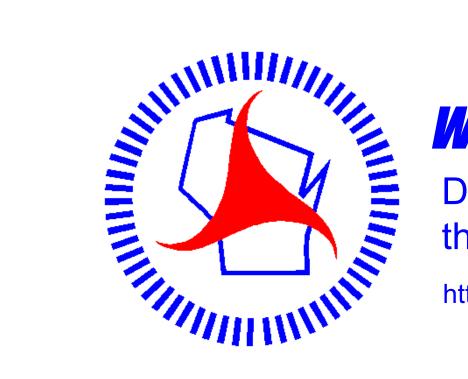
ISATOU CEESAY

LAURA SHADEWALD

LIST OF DRAWINGS

2. SUPERSTRUCTURE DETAILS





Wisconsin Department of Transportation

Dedicated people creating transportation solutions through innovation and exceptional service.

http://www.dot.wisconsin.gov

