GENERAL NOTES

NO TREES OR SHRUBS ARE TO BE REMOVED UNLESS INDICATED FOR REMOVAL BY THE ENGINEER.

SILT FENCE SHALL BE INSTALLED IN THE LOCATIONS SHOWN ON THE PLANS, OR AS DIRECTED BY THE ENGINEER.

THE CONTRACTOR SHALL NOTIFY DIGGERS HOTLINE AND AFFECTED UTILITIES PRIOR TO THE START OF WORK. ANY LOCAL MUNICIPAL UTILITY WHICH IS NOT A MEMBER OF THE DIGGERS HOTLINE MUST BE CONTACTED SEPARATELY.

TRAFFIC CONTROL DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.

NO UTILITY FACILITIES ARE IDENTIFIED IN THE PLAN. IDENTIFY ALL UTILITIES IN THE AREA BY CONTACTING DIGGERS HOTLINE OR A DIRECT CALL TO THE UTILITIES THAT HAVE FACILITIES IN THE AREA, AS REQUIRED PER STATUTES.

THE CONTRACTOR IS RESPONSIBLE FOR RESHAPING AND FINISHING ANY PREVIOUSLY GRASSY AREAS WHICH ARE DISTURBED BY THEIR OPERATIONS.

STANDARD ABBREVIATIONS

AEW	APRON END WALL	PE	PRIVATE ENTRANCE	120
AGG	AGGREGATE	PI	POINT OF INTERSECTION	MINN
BAD	BASE AGGREGATE DENSE	PLE	PERMANENT LIMITED EASEMENT	(612)
ВМ	BENCH MARK	PT	POINT OF TANGENT	JIM_k
C&G	CURB AND GUTTER	PVC	POINT OF TANGENT POINT OF VERTICAL CURVE	
C/L	CENTER OR CONSTRUCTION LINE	PVI	POINT OF VERTICAL CORVE	
CONC	CONCRETE	PVT		
CP	CULVERT PIPE		POINT OF VERTICAL TANGENT	
CPCM		R	RADIUS OF CURVE	
CPRC		R/L	REFERENCE LINE	
CPRCH		R/W	RIGHT OF WAY	
CSCP	CORRUGATED STEEL CULVERT PIPE	RAD	RADIUS	
CSPA	CORRUGATED STEEL PIPE ARCH	RC	REVERSE CROWN	NADETE
CSD	CONCRETE SURFACE DRAIN	RCAEW	APRON ENDWALL FOR CULVERT PIPE REINFORCED CO	
CY	CUBIC-YARD	RCHESS	REINFORCED CONCRETE HORIZONTAL ELLIPTICAL STOP	RM SEWER
D	DEGREE OF CURVE	RCPSS	REINFORCED CONCRETE PIPE - STORM SEWER	
Δ	DELTA	REQD	REQUIRED	
DISCH		RHF	RIGHT HAND FORWARD	
		R0	RUN OFF LENGTH	
FE	FIELD ENTRANCE	RT	RIGHT	
HERCF		SALV	SALVAGED	
HMA	HOT MIX ASPHALT	SB	SIGNAL BASE	
INV	INVERT	SDD	STANDARD DETAIL DRAWING	
L	LENGTH OF CURVE	SE	SUPER ELEVATION	
LHF	LEFT HAND FORWARD	SF	SQUARE FOOT	
LT	LEFT	STA	STATION	
MIN	MINIMUM	SY	SQUARE YARD	
M/L	MATCHLINE	T	TANGENT LENGTH	
NB	NORTHBOUND	TC	TOP OF CURB	
NC	NORMAL CROWN	TLE	TEMPORARY LIMITED EASEMENT	
NITC	NOT TO COALE			

MUNICIPALITIES

MR. DANIEL NAZE
VILLAGE OF PEWAUKEE
DIRECTOR OF PUBLIC WORKS/VILLAGE ENGINEER
1000 HICKORY STREET
PEWAUKEE, WI 53072
(262) 691-5694
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MR. MICHAEL EINWECK
VILLAGE OF HARTLAND DPW
210 COTTONWOOD AVE
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MIKEE@VILLAGEOFHARTLAND.COM

MS. NANCY BODEN
TOWN OF KEWASKUM CLERK
9019 KETTLE MORAINE
KEWASKUM, WI 53040
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MR. JEFFREY WEIGEL CITY OF PEWAUKEE DPW W240 N3065 PEWAUKEE ROAD PEWAUKEE, WI 53072 (262) 691-0804 PUBLICWORKS@PEWAUKEE.WI.US

RAILROAD CONTACT

CANADIAN PACIFIC RAILWAY
MR. JIM KRIEGER
MANAGER PUBLIC WORKS
120 SOUTH 6TH STREET, SUITE 700
MINNEAPOLIS, MN 55402
(612) 330-4555
JIM_KRIEGER@CPR.CA

WISDOT CONTACT

WISCONSIN DEPT OF TRANSPORTATION, SE REGION MR. GARY METZER
141 NW BARSTOW STREET
P.O. BOX 798
WAUKESHA, WI 53187-0798
(262) 548-5685
GARY.METZER@DOT.WI.GOV

DESIGN CONTACT

FOR B-66-86, B-67-172, B-67-186

KL ENGINEERING, INC
MR. CHAD HALVERSON
5400 KING JAMES WAY, SUITE 200
MADISON, WI 53719
(608) 663-1218 EXT. 289
CHALVERSON@KLENGINEERING.COM

FOR B-67-180, B-67-181, B-67-182, B-67-183

GRAEF
MR. STEVE SCHOWALTER
HONEY CREEK CORPORATE CENTER
125 S. 84TH STREET, SUITE 401
MILWAUKEE, WI 53214
(414) 266-9246
STEVEN.SCHOWALTER@GRAEF-USA.COM

DEPT. OF NATURAL RESOURCES

FOR WASHINGTON COUNTY

WISCONSIN DEPT. OF NATURAL RESOURCES MS. KRISTINA BETZOLD 2300 N. DR. MARTIN LUTHER KING JR. DR. MILWAUKEE, WI 53212 (414) 507-4946 KRISTINA.BETZOLD@WISCONSIN.GOV

FOR WAUKESHA COUNTY

WISCONSIN DEPT. OF NATURAL RESOURCES MR. CRAIG WEBSTER 141 NW BARSTOW STREET WAUKESHA, WI 53187 (262) 574-2141 CRAIG.WEBSTER@WISCONSIN.GOV

		AADT DATA		
Bridge	B-66-86	B-67-172	B-67-180 through B-67-183	B-67-186
Road On	US 45	CTH KC	STH 16	CTH JJ
AADT	7200 [2017]	5:800 :2017□	SB Ramp⊑6:800	12/300 /2017□
Road Under	Eisen⊡ahn Trail	STH 16	Hickory Street	STH 16
AADT	N/A	291100 12017	□1 000 assumed□	26 500 2017

PROJECT NO:1000-54-72 HWY:STH 16 & USH 45 COUNTY:WASHINGTON & WAUKESHA GENERAL NOTES SHEET

NOT TO SCALE PAVEMENT

POINT-OF-CURVE

PULL BOX

NTS

PC

PAVT PB UTILITY CONTACTS

JENNIFER NAVARRO AT&T LOCAL NETWORK 6070 N FLINT RD GLENDALE. WI 53209 (414) 459-3564 J.NAVARRO@NORTHWINDTECH.COM

ALPER KOLCU AT&T WISCONSIN 2005 PEWAUKEE RD WAUKESHA, WI 53188 (262) 970-8494 AK308X@ATT.COM

EDDIE RIVERA AT&T MOBILITY 930 NATIONAL PARKWAY SCHAUMBURG, IL 60173 (331) 625-2357 ER317H@ATT.COM

MIKE OLSEN ATC MANAGEMENT, INC. 801 O'KEEFE RD PO BOX 6113 DE PERE, WI 54115-6113 (920) 338-6582 MOLSEN@ATCLLC.COM

STEVE CRAMER CHARTER COMMUNICATIONS 1320 N. DR. MARTIN LUTHER KING JR. DRIVE MILWAUKEE, WI 53212 (414) 277-4045 WIS.ENGINEERING@CHARTER.COM

RUSS RYAN FRONTIER COMMUNICATIONS OF WILLC 107 PLEASANT VIEW DR PLYMOUTH, WI 53073 (920) 893-7212 RUSSELL.W.RYAN@FTR.COM

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SUSAN ATHERTON VILLAGE OF PEWAUKEE WATER/SEWER UTILITY 235 HICKORY ST PEWAUKEE, WI 53072 (262) 691-5660 SATHERTON@VILLAGEOFPEWAUKEE.COM

DAN SANDE WE ENERGIES - ELECTRICITY A299 333 W EVERETT ST MILWAUKEE. WI 53203 (414) 221-4578 DAN.SANDE@WE-ENERGIES.COM

DAN SANDE WE ENERGIES - GAS/PETROLEUM A299 333 W EVERETT ST MILWAUKEE, WI 53203 (414) 221-4578 DAN.SANDE@WE-ENERGIES.COM



PLOT SCALE : 1 IN:200 FT

PROJECT NO: 1000-54-72

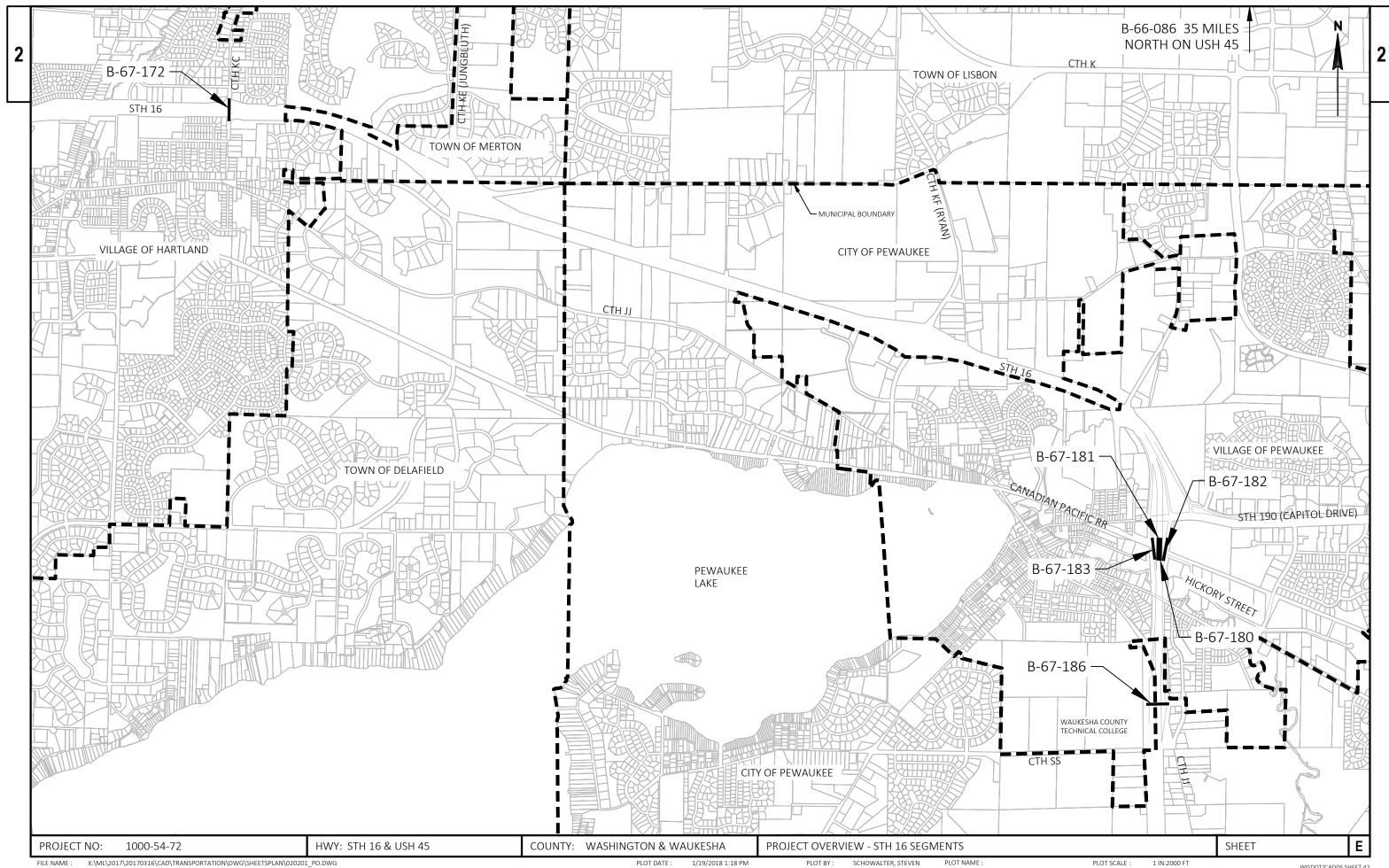
HWY: STH 16 & USH 45

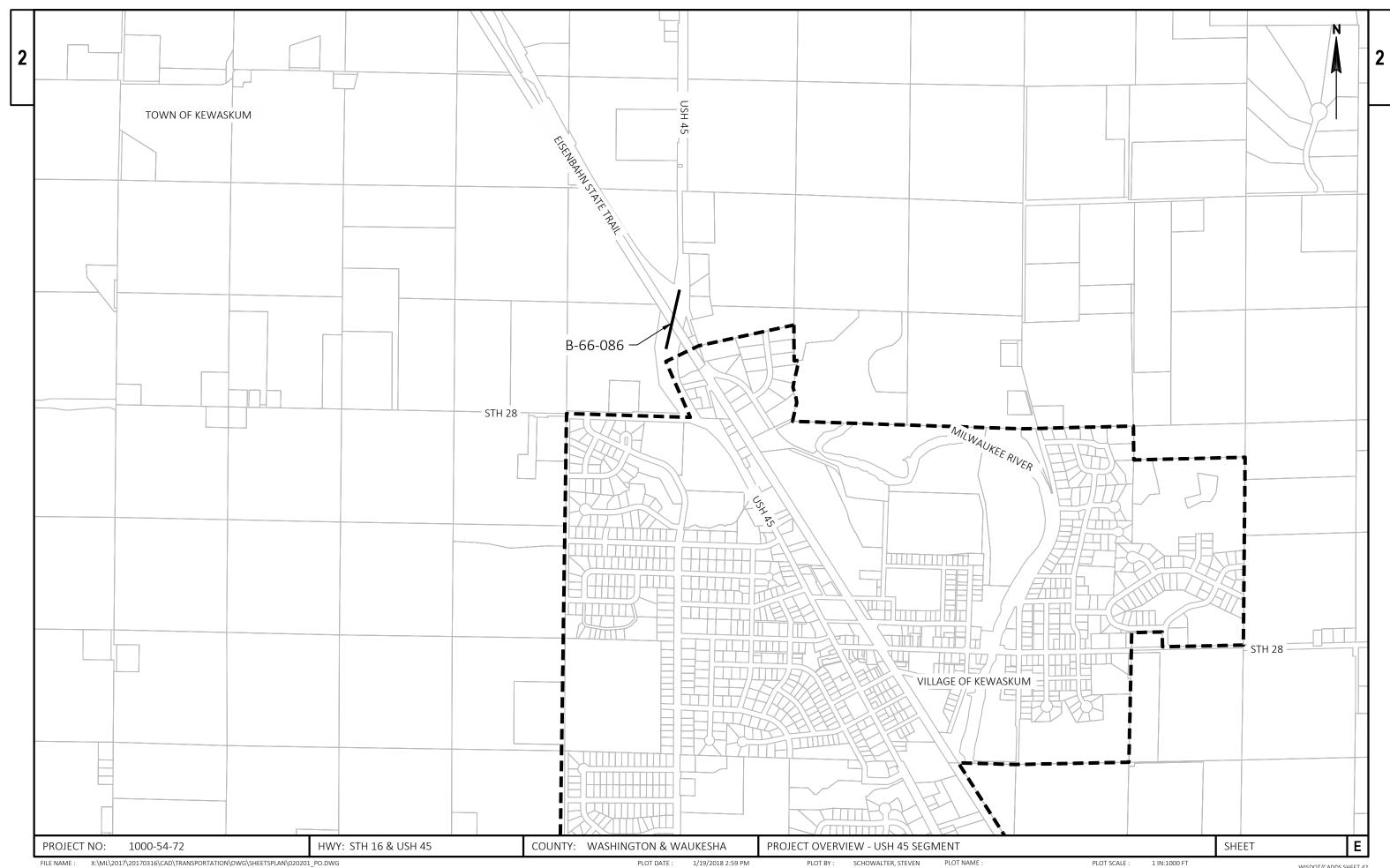
COUNTY: WASHINGTON & WAUKESHA

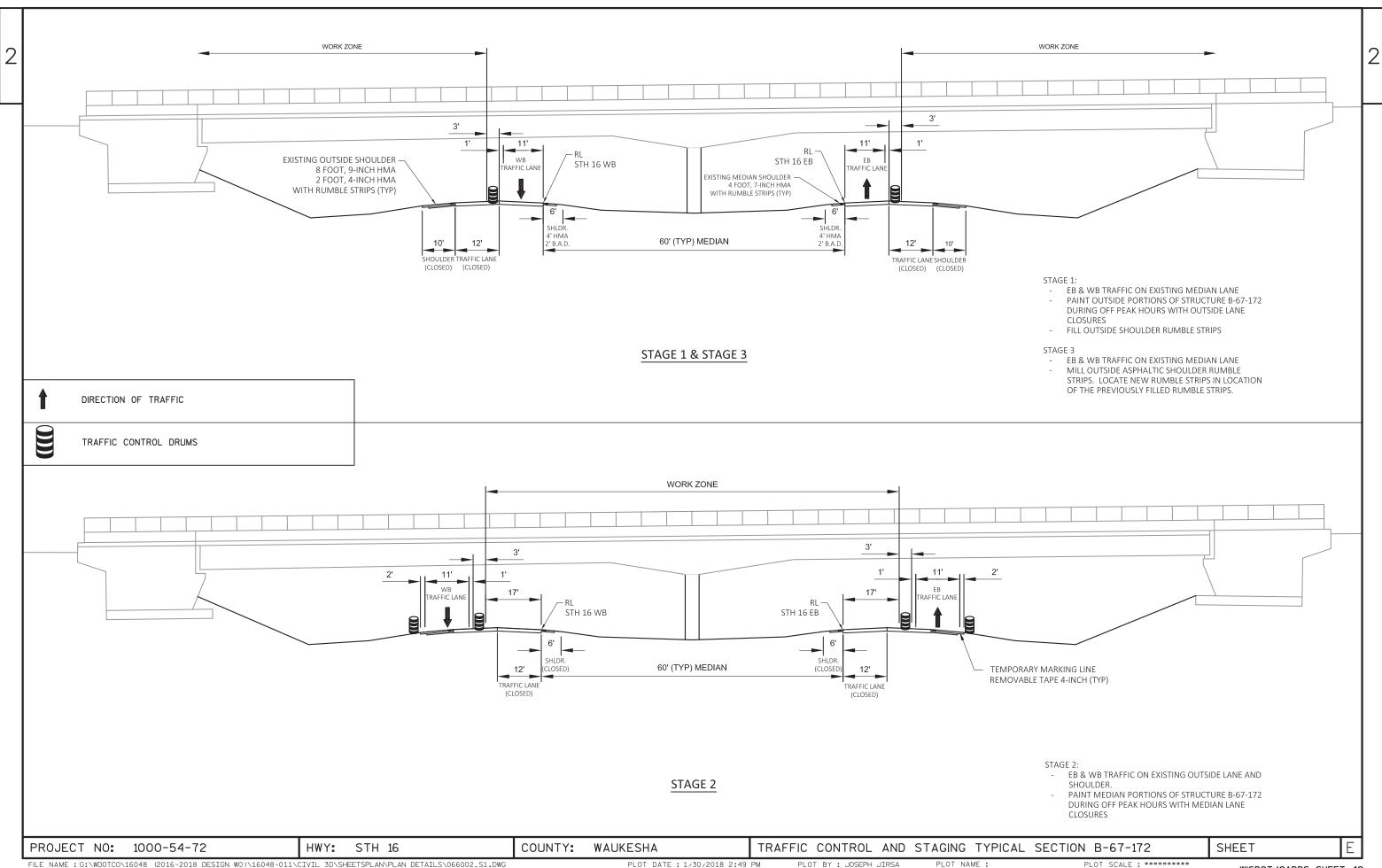
GENERAL NOTES

SHEET

E







- PCMS-TO BE PLACED 5 CALENDAR DAYS PRIOR TO LANE CLOSURES AT LOCATION TO BE DETERMINED BY THE ENGINEER.



- INSTALL EB ADVANCED WARNING SIGNING AND LANE CLOSURE IN ACCORDANCE WITH SDD "TRAFFIC CONTROL, LANE CLOSURE"

<u>LEGEND</u>

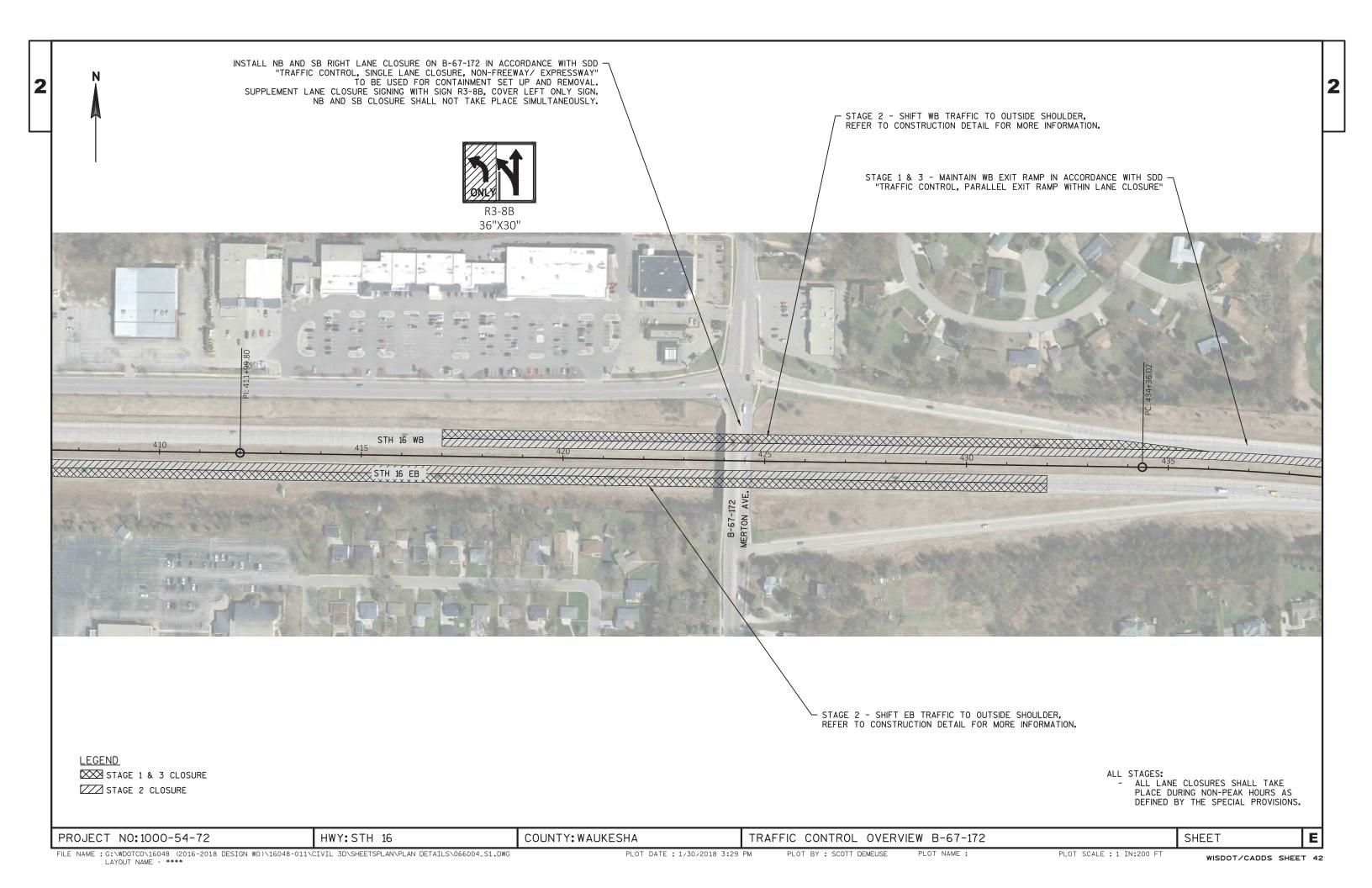
STAGE 1 & 3 CLOSURE

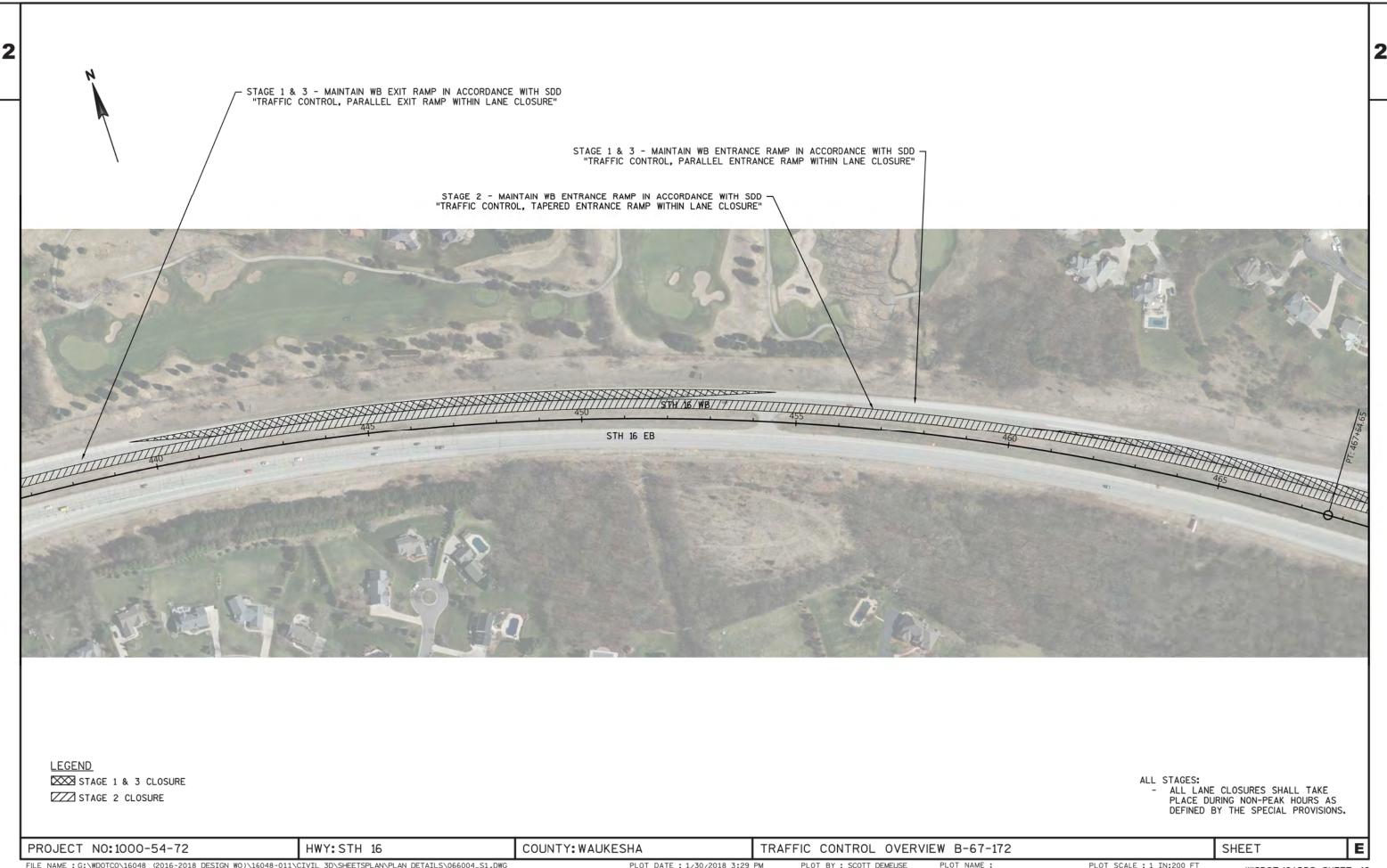
STAGE 2 CLOSURE

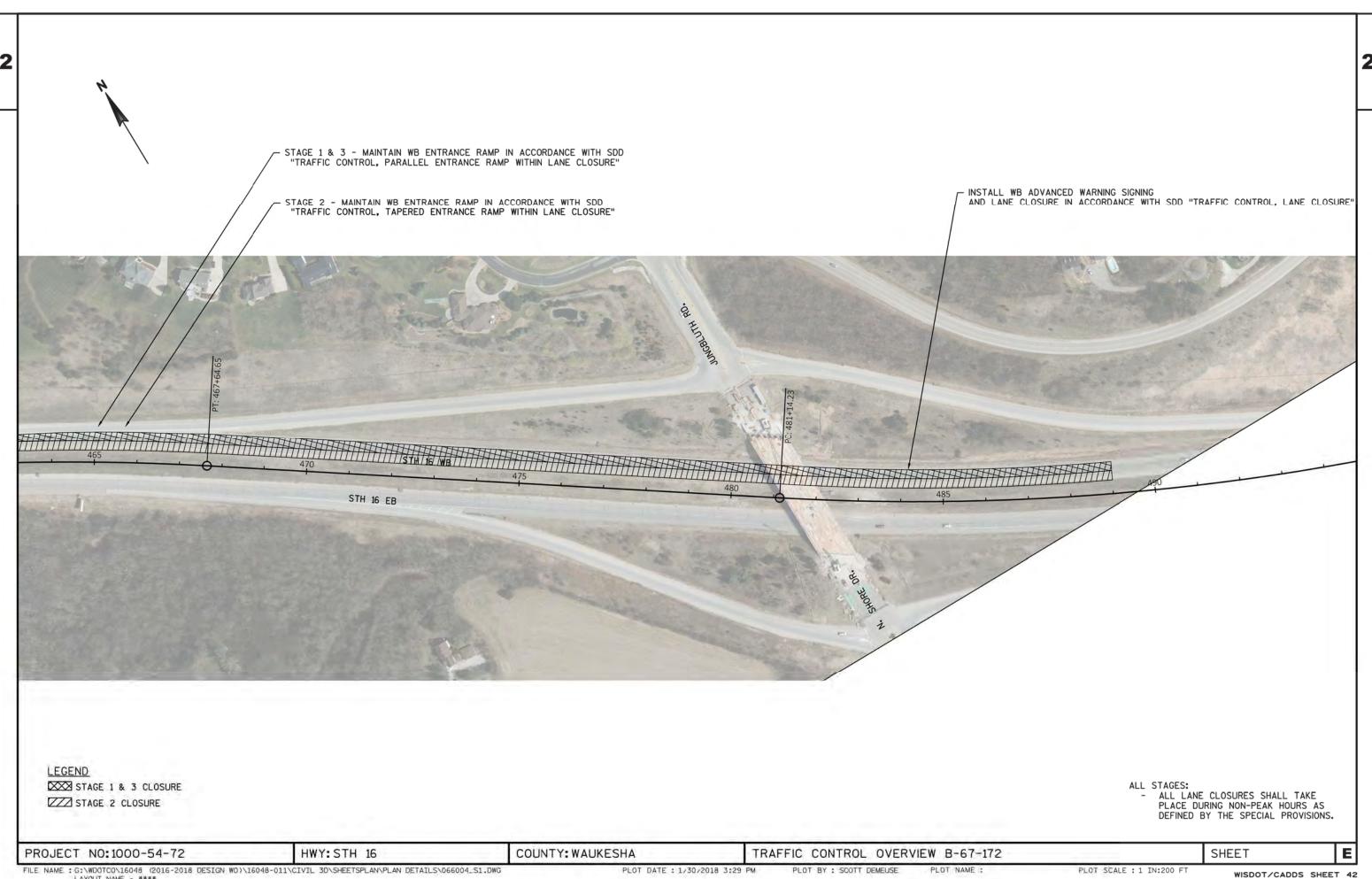
ALL STAGES:

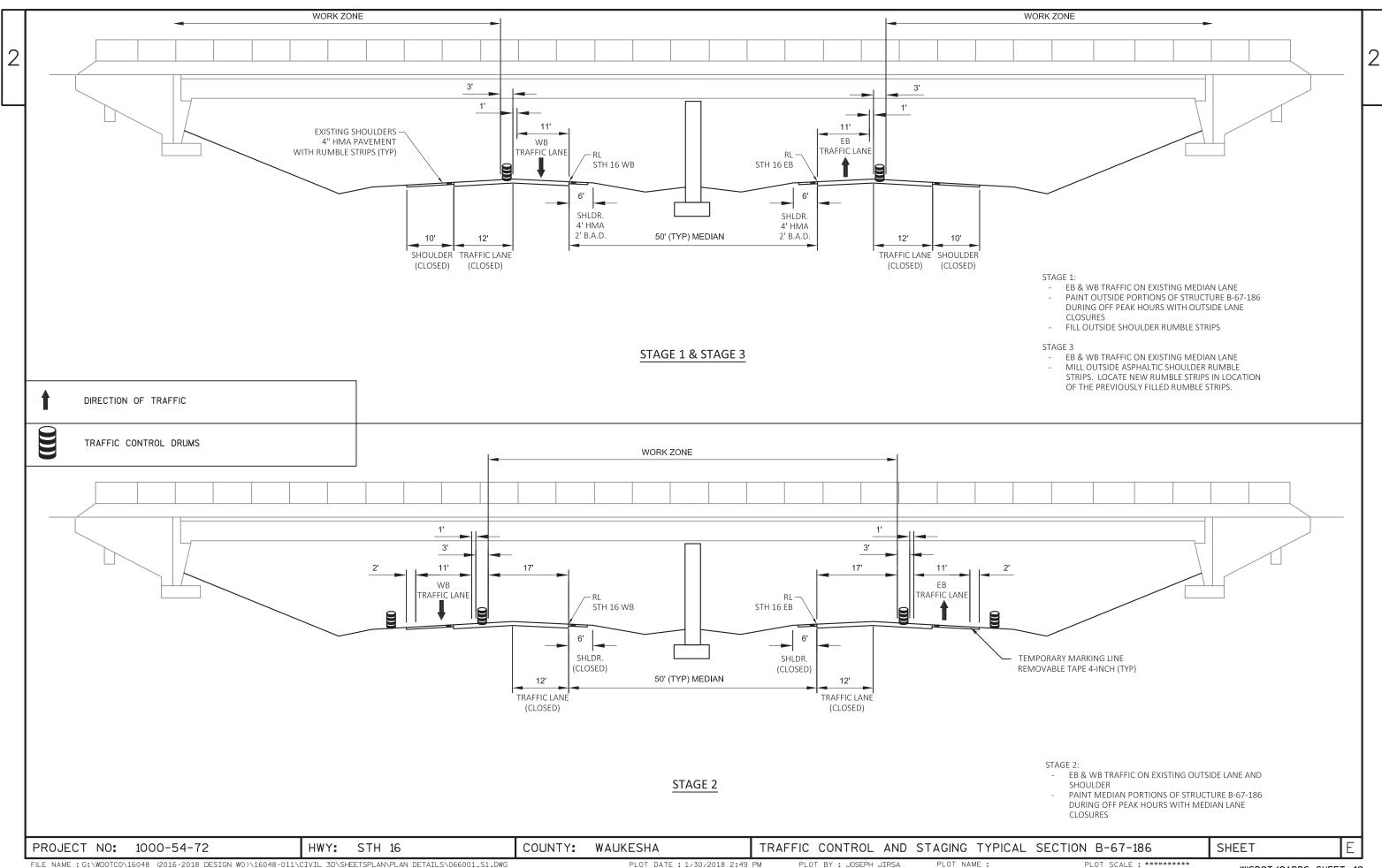
- ALL LANE CLOSURES SHALL TAKE
PLACE DURING NON-PEAK HOURS AS
DEFINED BY THE SPECIAL PROVISIONS.

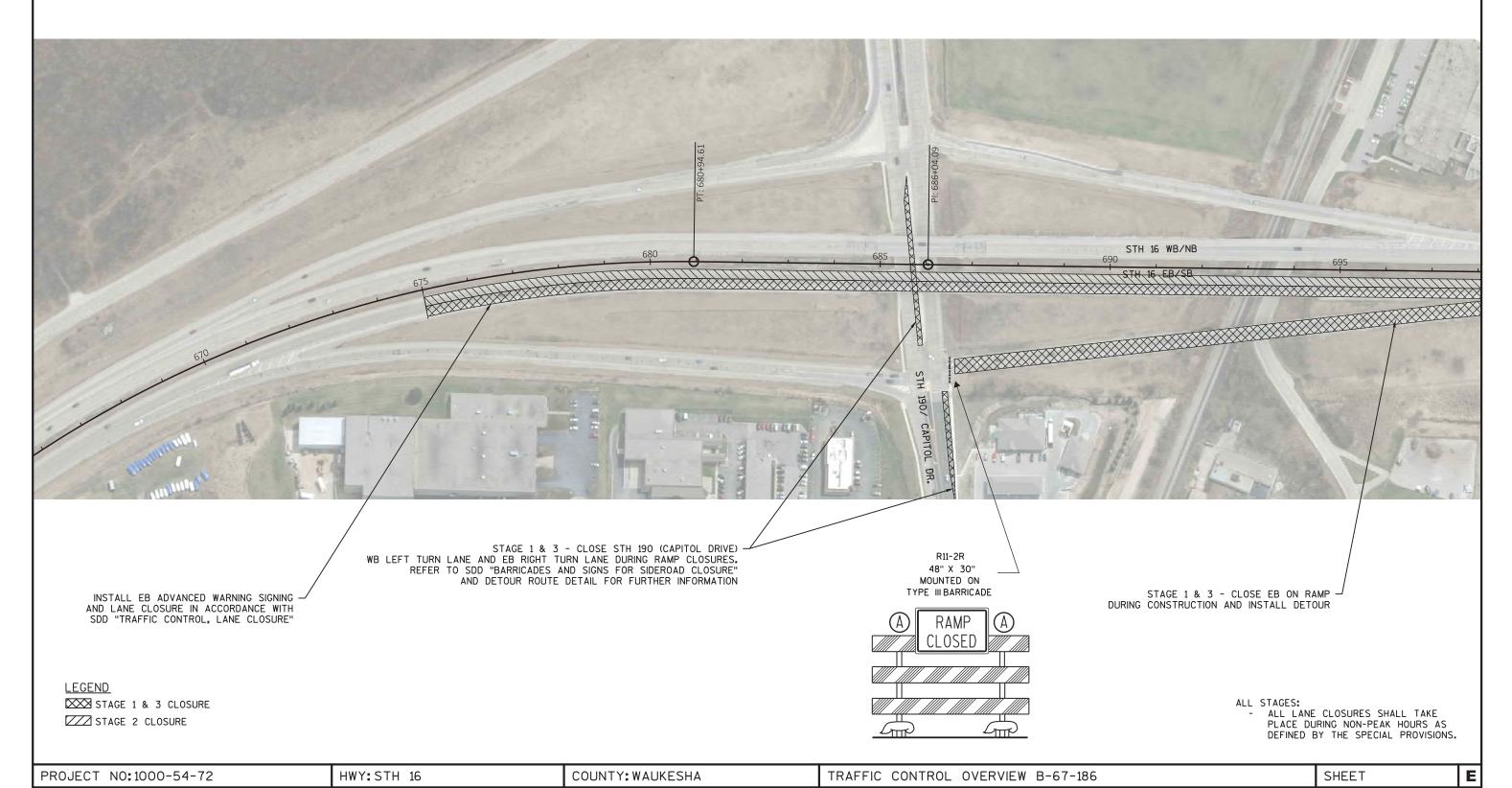
PROJECT NO:1000-54-72 HWY:STH 16 COUNTY:WAUKESHA TRAFFIC CONTROL OVERVIEW B-67-172 SHEET **E**



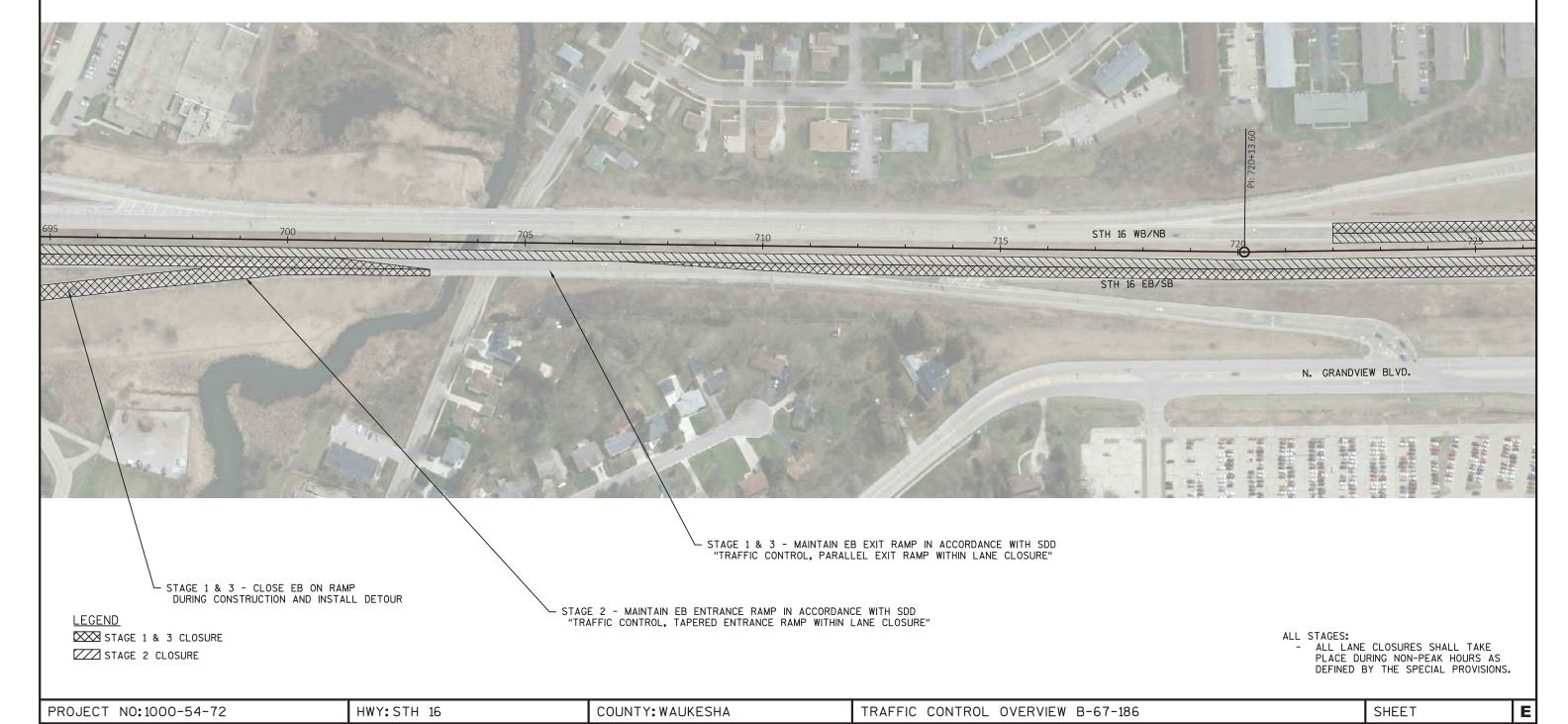








2



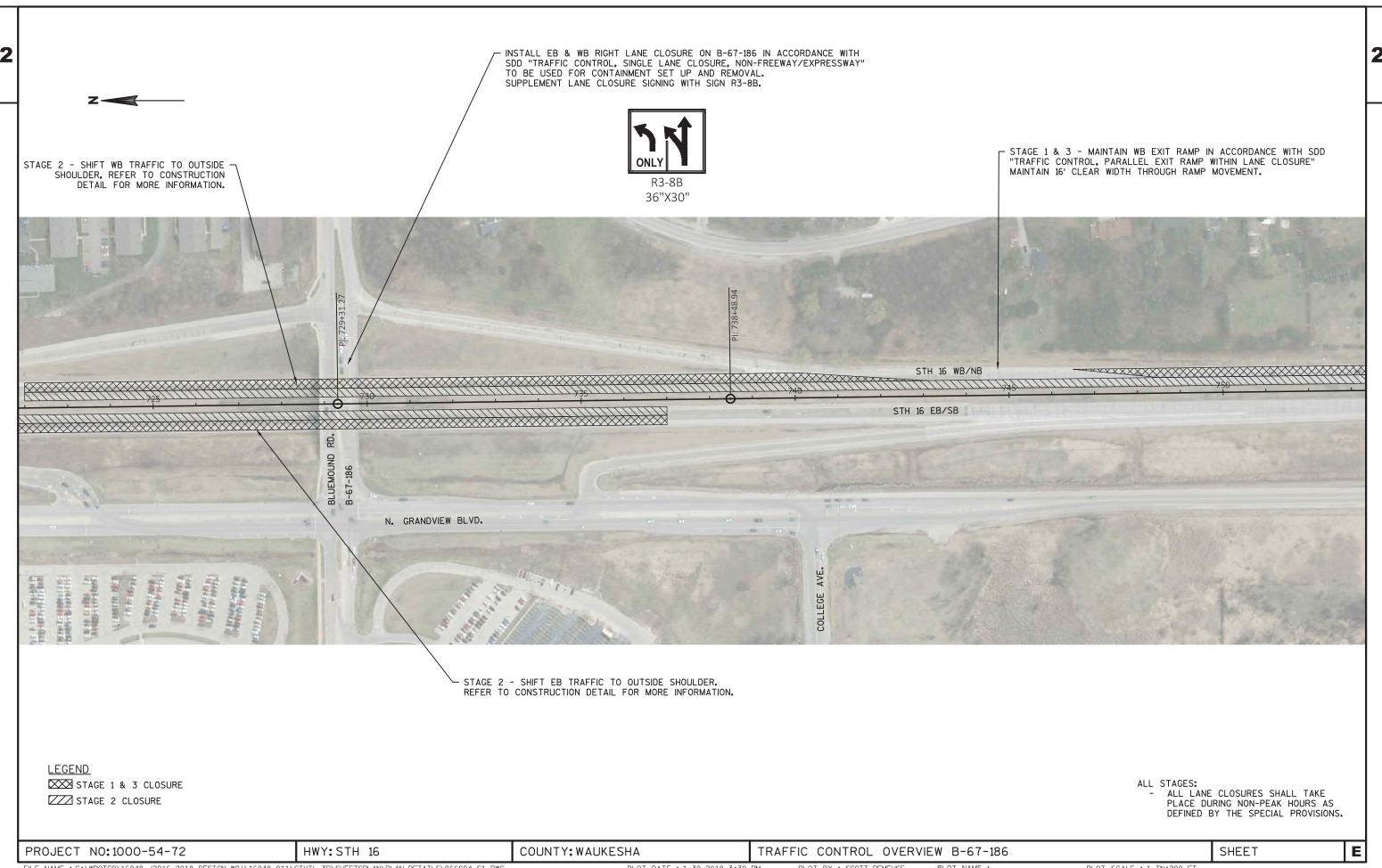
FILE NAME : G:\WDOTCO\16048 (2016-2018 DESIGN WO)\16048-011\CIVIL 3D\SHEETSPLAN\PLAN DETAILS\066004_S1.DWG LAYOUT NAME - ####

PLOT DATE : 1/30/2018 3:29 PM

PLOT BY: SCOTT DEMEUSE

PLOT NAME :

PLOT SCALE : 1 IN:200 FT





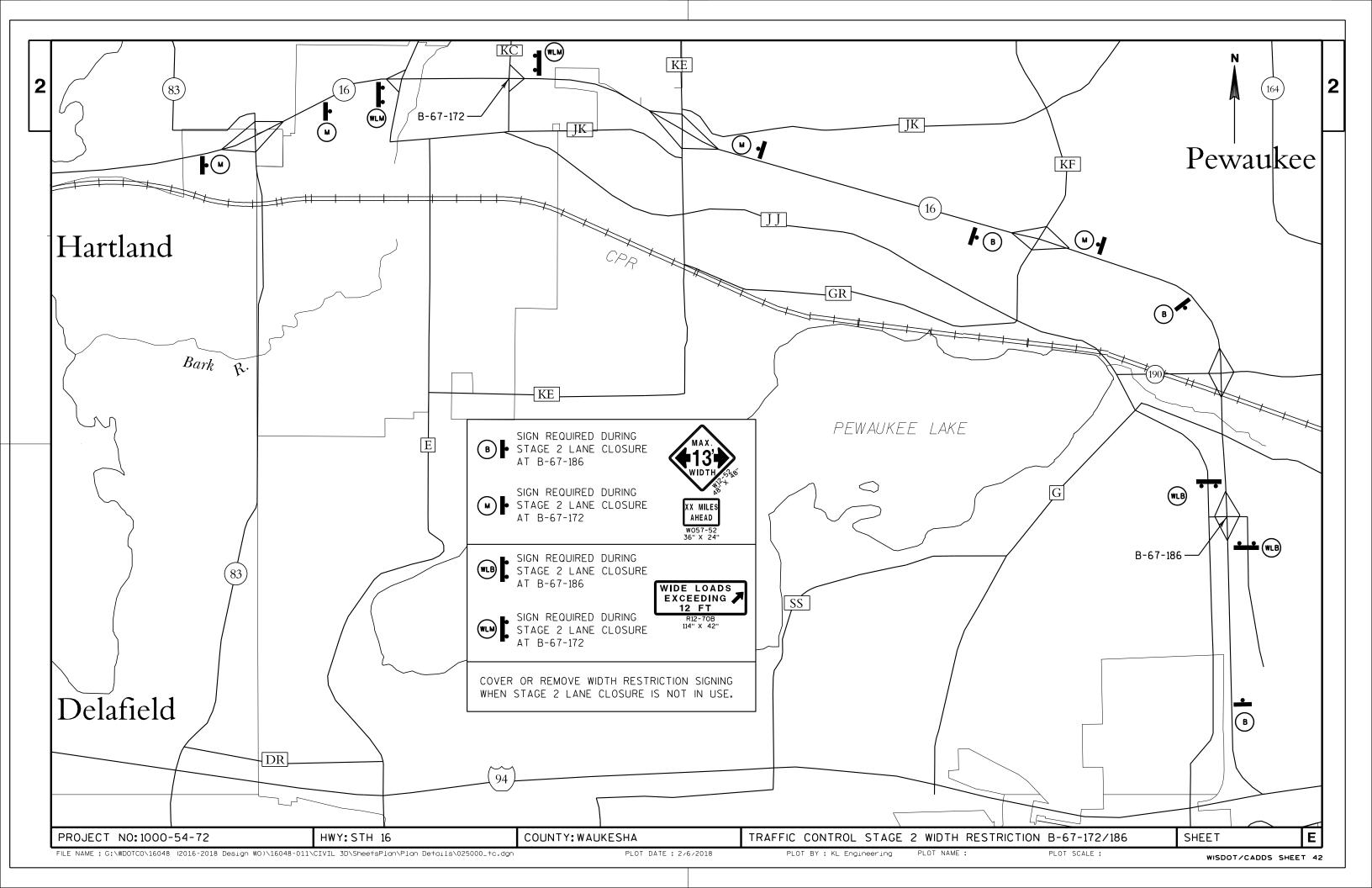
LEGEND

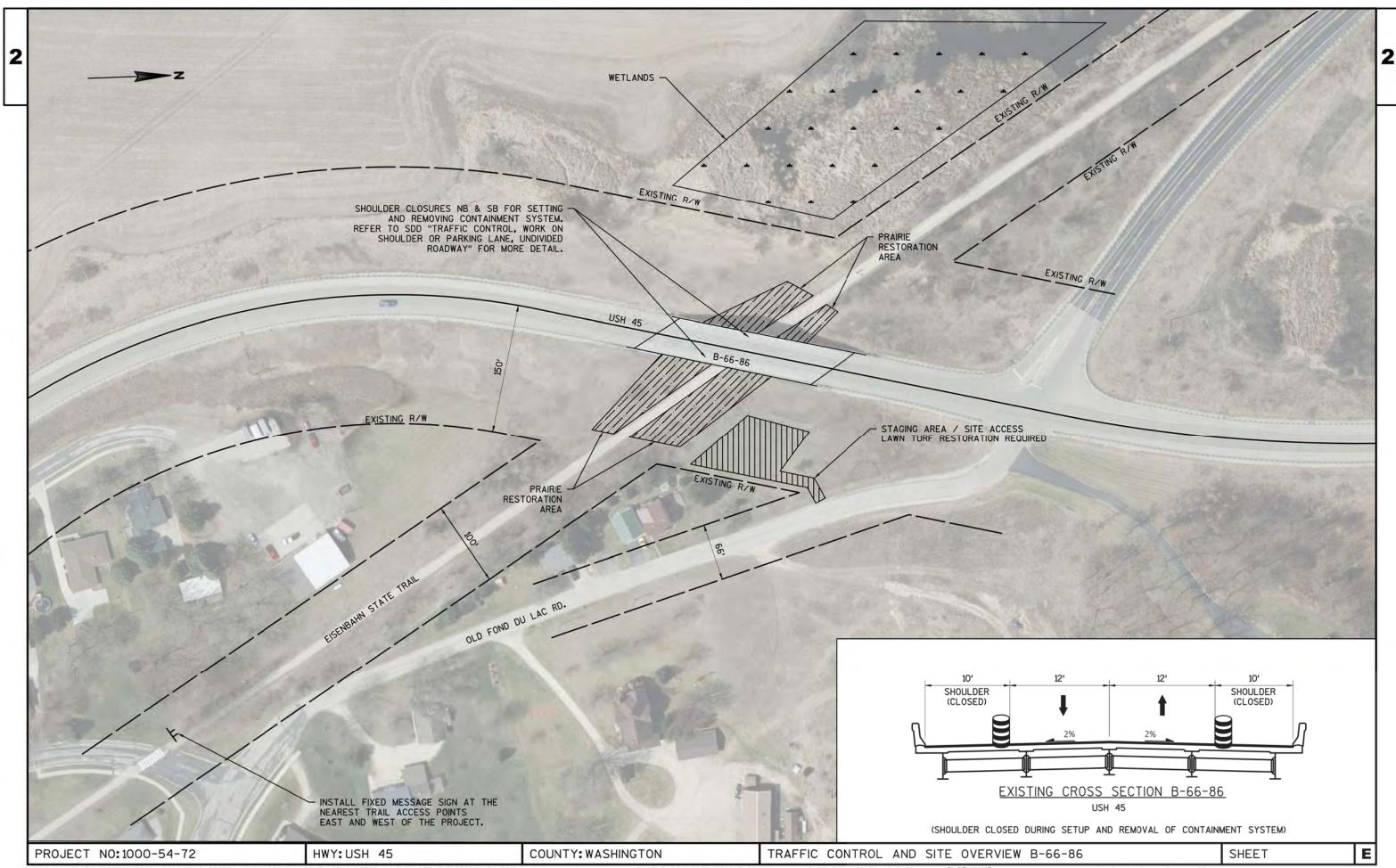
STAGE 1 & 3 CLOSURE

ALL STAGES:

- ALL LANE CLOSURES SHALL TAKE
PLACE DURING NON-PEAK HOURS AS
DEFINED BY THE SPECIAL PROVISIONS. STAGE 2 CLOSURE

PROJECT NO:1000-54-72 HWY: STH 16 Ε COUNTY: WAUKESHA TRAFFIC CONTROL OVERVIEW B-67-186 SHEET



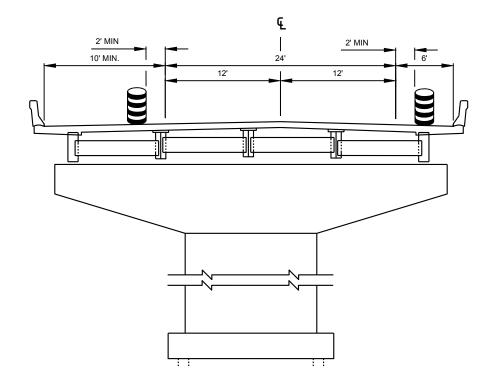


FILE NAME :

2

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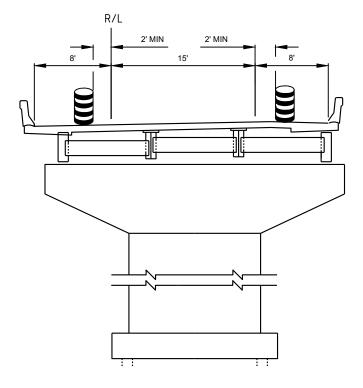
WISDOT/CADDS SHEET 42



STH 16 - MAINLINE B-67-180 & B-67-181

SHOULDERS CLOSED TO PROTECT ATTACHMENTS ON PARAPETS NEEDED TO SUPPORT PAINT CONTAINMENT SYSTEM UNDERNEATH BRIDGE

FOLLOW SDD "TRAFFIC CONTROL, LANE CLOSURE" TO CLOSE LANES AS NEEDED FOR INITIAL SETUP OF ATTACHMENTS

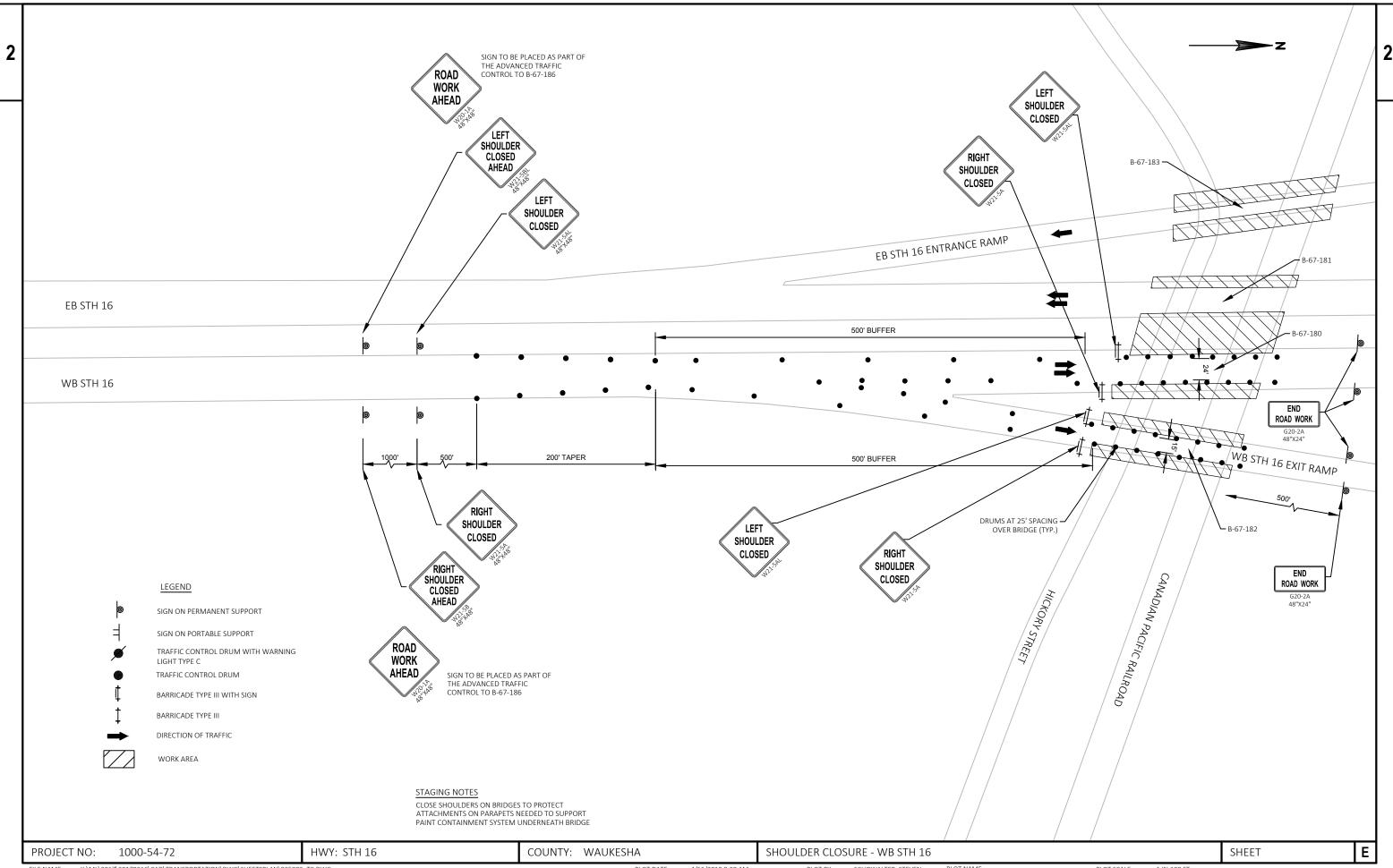


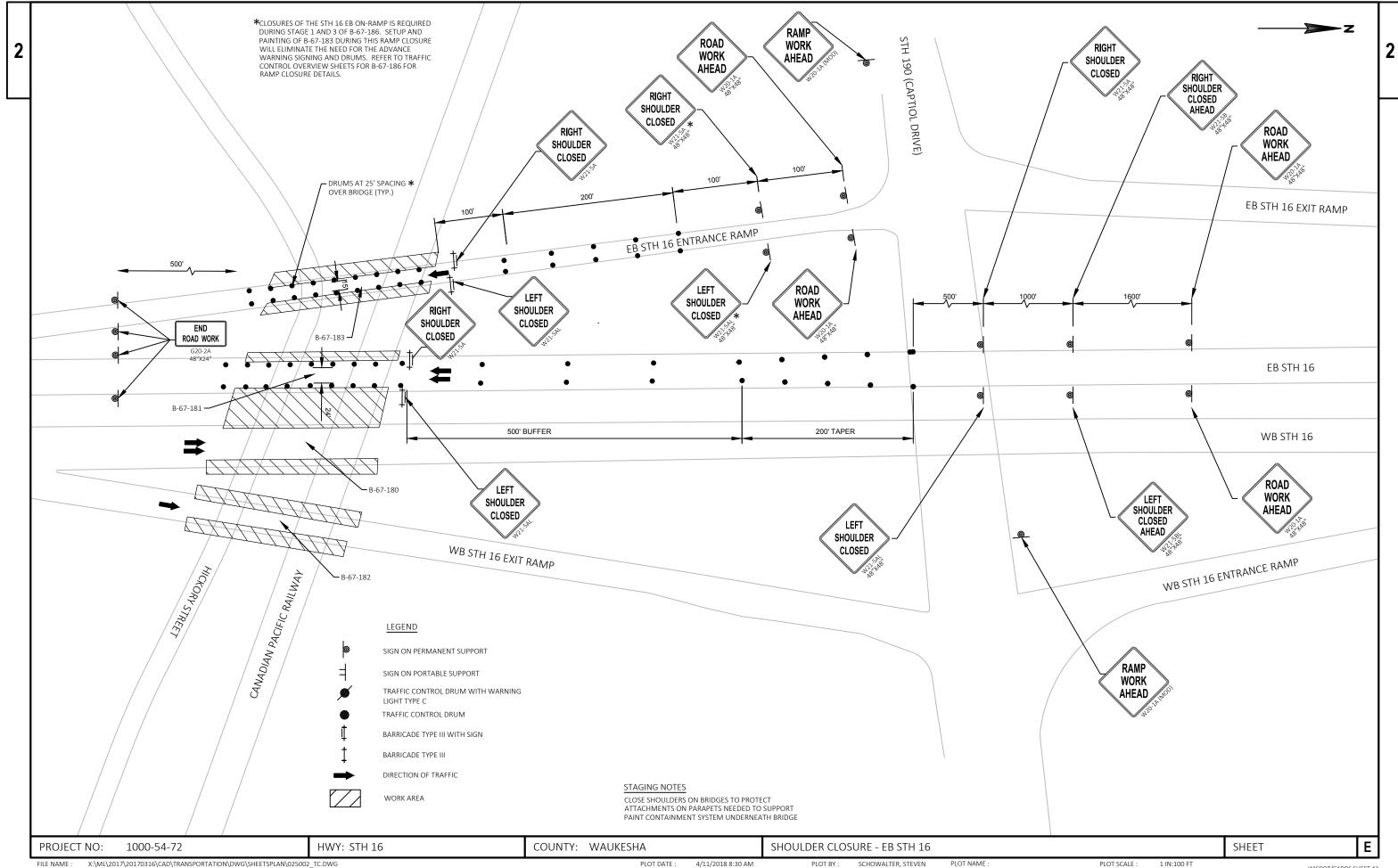
STH 16 - RAMPS B-67-182 & B-67-183

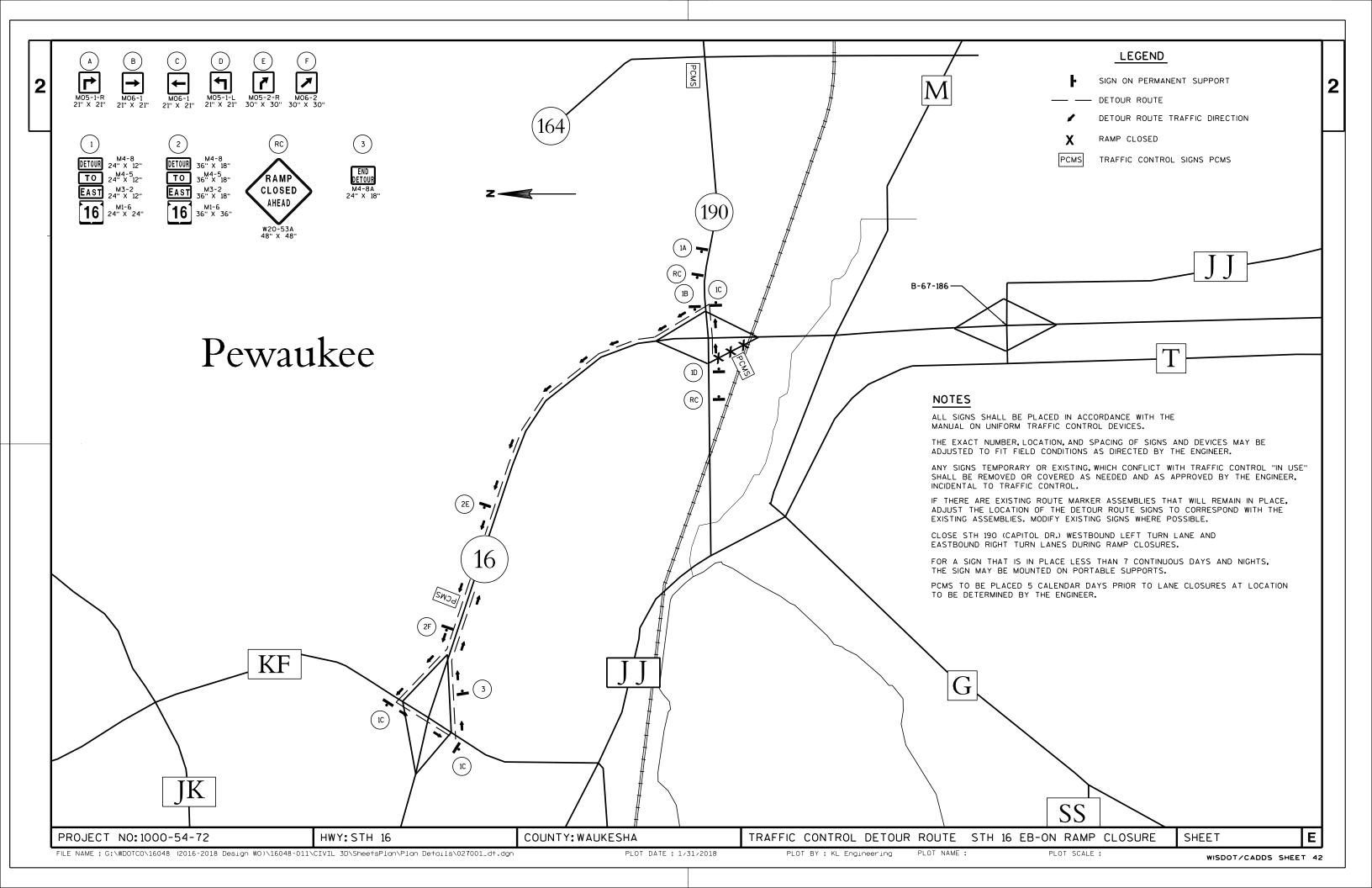
SHOULDERS CLOSED TO PROTECT ATTACHMENTS ON PARAPETS NEEDED TO SUPPORT PAINT CONTAINMENT SYSTEM UNDERNEATH BRIDGE

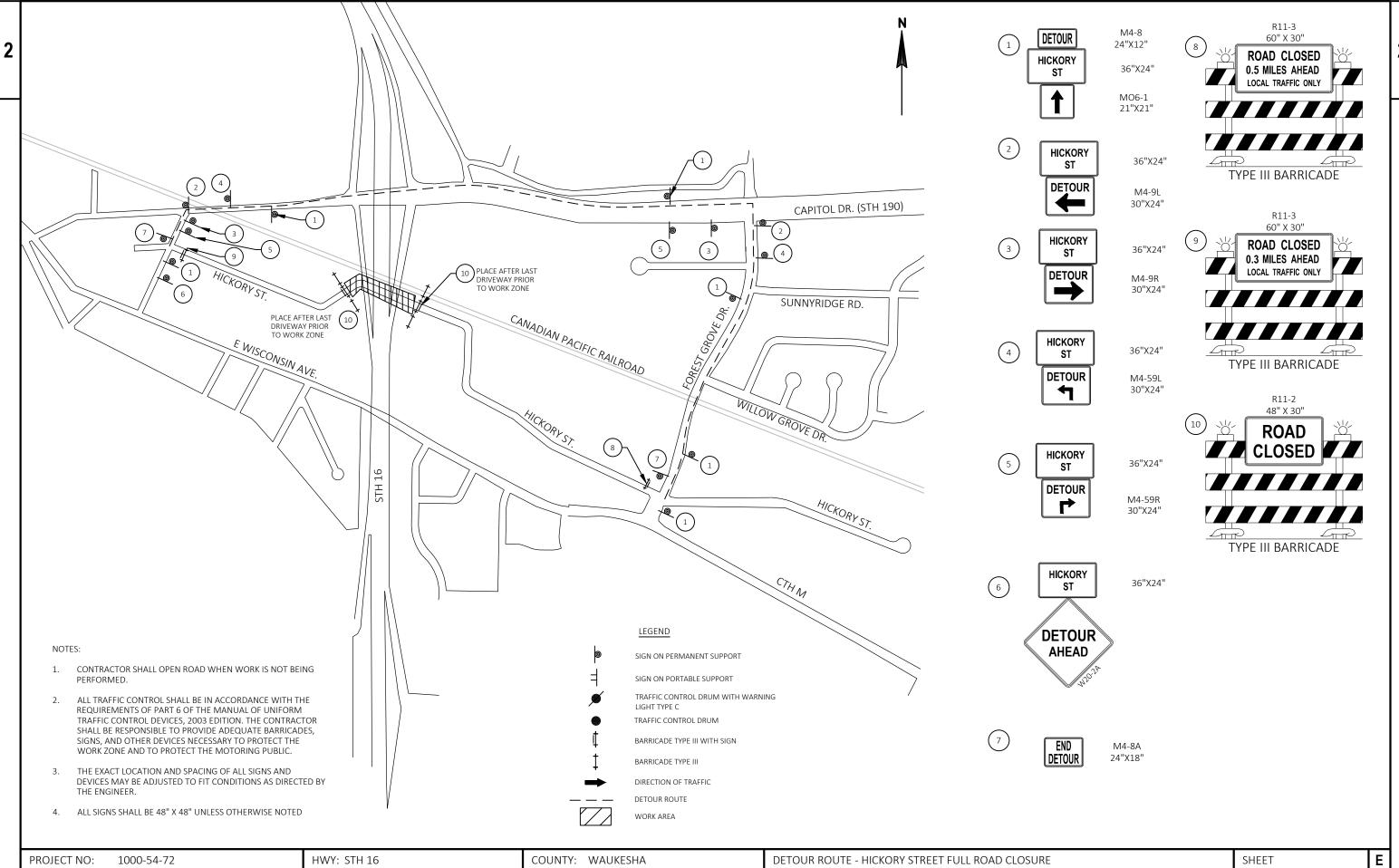
FOLLOW SDD "TRAFFIC CONTROL, LANE CLOSURE" TO SHIFT LANE TO ALLOW FOR INITIAL SETUP OF ATTACHMENTS

PROJECT NO: 1000-54-72 HWY: STH 16 COUNTY: WAUKESHA TRAFFIC CONTROL AND STAGING TYPICAL SECTION- STH 16 SHEET









FILE NAME : LAYOUT NAME - 025001_tc PLOT DATE : 4/30/2018 11:15 AM PLOT BY:

SCHOWALTER, STEVEN

PLOT NAME :

PLOT SCALE :

Page 1

					1000-54-72
Line	Item	Item Description	Unit	Total	Qty
0002	203.0225.S	Debris Containment (structure) 01. B-66-0086	LS	1.000	1.000
0004	465.0400	Asphaltic Shoulder Rumble Strips	LF	7,200.000	7,200.000
0006	495.1000.S		TON	4.000	4.000
8000	517.1800.S	Structure Repainting Recycled Abrasive (structure) 01. B-66-0086	LS	1.000	1.000
0010	517.1800.S	Structure Repainting Recycled Abrasive (structure) 02. B-67-0172	LS	1.000	1.000
0012	517.1800.S	Structure Repainting Recycled Abrasive (structure) 03. B-67-0180	LS	1.000	1.000
0014	517.1800.S		LS	1.000	1.000
0016	517.1800.S	Structure Repainting Recycled Abrasive (structure) 05. B-67-0182	LS	1.000	1.000
0018	517.1800.S	Structure Repainting Recycled Abrasive (structure) 06. B-67-0183	LS	1.000	1.000
0020	517.1800.S	Structure Repainting Recycled Abrasive (structure) 07. B-67-0186	LS	1.000	1.000
0022	517.3000.S	Structure Overcoating Cleaning and Priming (structure) 01. B-67-0180	LS	1.000	1.000
0024	517.3000.S	Structure Overcoating Cleaning and Priming (structure) 02. B-67-0181	LS	1.000	1.000
0026	517.3000.S	Structure Overcoating Cleaning and Priming (structure) 03. B-67-0182	LS	1.000	1.000
0028	517.3000.S	Structure Overcoating Cleaning and Priming (structure) 04. B-67-0183	LS	1.000	1.000
0030	517.4000.S	Containment and Collection of Waste Materials (structure) 01. B-67-0180	LS	1.000	1.000
0032	517.4000.S	Containment and Collection of Waste Materials (structure) 02. B-67-0181	LS	1.000	1.000
0034	517.4000.S	Containment and Collection of Waste Materials (structure) 03. B-67-0182	LS	1.000	1.000
0036	517.4000.S	Containment and Collection of Waste Materials (structure) 04. B-67-0183	LS	1.000	1.000
0038	517.4500.S	Negative Pressure Containment and Collection of Waste Materials (structure) 01. B-66-0086	LS	1.000	1.000
0040	517.4500.S	Negative Pressure Containment and Collection of Waste Materials (structure) 02. B-67-0172	LS	1.000	1.000
0042	517.4500.S	Negative Pressure Containment and Collection of Waste Materials (structure) 03. B-67-0180	LS	1.000	1.000
0044	517.4500.S	Negative Pressure Containment and Collection of Waste Materials (structure) 04. B-67-0181	LS	1.000	1.000
0046	517.4500.S	Negative Pressure Containment and Collection of Waste Materials (structure) 05. B-67-0182	LS	1.000	1.000

					1000-54-72
Line	Item	Item Description	Unit	Total	Qty
0048	517.4500.S	Negative Pressure Containment and Collection of Waste Materials (structure) 06. B-67-0183	LS	1.000	1.000
0050	517.4500.S	Negative Pressure Containment and Collection of Waste Materials (structure) 07. B-67-0186	LS	1.000	1.000
0052	517.6001.S	Portable Decontamination Facility	EACH	7.000	7.000
0054	619.1000	Mobilization	EACH	1.000	1.000
0056	627.0200	Mulching	SY	1,100.000	1,100.000
0058	628.1504	Silt Fence	LF	200.000	200.000
0060	628.1520	Silt Fence Maintenance	LF	200.000	200.000
0062	628.7560	Tracking Pads	EACH	1.000	1.000
0064	629.0210	Fertilizer Type B	CWT	0.700	0.700
0066	630.0140	Seeding Mixture No. 40	LB	20.000	20.000
0068	642.5001	Field Office Type B	EACH	1.000	1.000
0070	643.0300	Traffic Control Drums	DAY	14,036.000	14,036.000
0072	643.0420	Traffic Control Barricades Type III	DAY	1,308.000	1,308.000
0074	643.0705	Traffic Control Warning Lights Type A	DAY	2,440.000	2,440.000
0076	643.0715	Traffic Control Warning Lights Type C	DAY	4,134.000	4,134.000
0078	643.0800	Traffic Control Arrow Boards	DAY	224.000	224.000
0800	643.0900	Traffic Control Signs	DAY	6,613.000	6,613.000
0082	643.1000	Traffic Control Signs Fixed Message	SF	98.000	98.000
0084	643.1050	Traffic Control Signs PCMS	DAY	181.000	181.000
0086	643.5000	Traffic Control	EACH	1.000	1.000
8800	646.1020	Marking Line Epoxy 4-Inch	LF	7,200.000	7,200.000
0090	649.0150	Temporary Marking Line Removable Tape 4-Inch	LF	6,800.000	6,800.000
0092	649.0960	Temporary Marking Removable Mask Out Tape 6-Inch	LF	7,200.000	7,200.000
0094	801.0117	Railroad Flagging Reimbursment	DOL	40,000.000	40,000.000
0096	ASP.1T0A	On-the-Job Training Apprentice at \$5.00/HR	HRS	1,200.000	1,200.000
0098	ASP.1T0G	On-the-Job Training Graduate at \$5.00/HR	HRS	1,500.000	1,500.000
0100	SPV.0060	Special 01. Cleaning and Painting Bearings	EACH	116.000	116.000
0102	SPV.0090	Special 01. Fill Existing Rumble strips	LF	7,200.000	7,200.000
0104	SPV.0105	Special 01. Safety Spotter	LS	1.000	1.000

	RUMBLE S	TRIPS				COLD	PATCH				
LOCATION		ASPHALTIC SHOULDER 465.0400 LF	FILL EXISTING SPV.0090.01 LF			LOCATION		495.1000 TON			
STH 16 B-67-172 STAGE 2 EB,	OUTSIDE SHOULDER	1800	1800		STH 16 B-67-172 UN	NDISTRIBUTED FOR	R SHOULDER REPAIRS	2			
STH 16 B-67-172 STAGE 2 WB,		1800	1800		STH 16 B-67-186 UN	NDISTRIBUTED FOR	R SHOULDER REPAIRS	2			
STH 16 B-67-186 STAGE 2 EB,		1800	1800				PROJECT TOTAL	4			
STH 16 B-67-186 STAGE 2 EB,		1800	1800								
	PROJECT TOT		7200								
	PROJECT TOTAL		ON CONTROL & RESTORA	ATION							
				SILT FENCE							
LODAT	701	MULCHING 627.0200	SILT FENCE 628.1504	MAINTENANCE 628.1520	628.7560	FERTILIZER TYPE 629.0210	630.0140				
B-66-86 ACCESS/STAG		SY 1100	LF 200	200	EA 1	0.7	LB 	=			
B-00-80 A00E33/31A0					'			_			
	PROJECT	TOTAL 1100	200	200	1	0.7	20				
	2.5001 EACH		CONTROL SIGNS FIXED		643.1000		TRAFFIC CONTROL 64 ATION	13.5000 EACH			
PROJECT 1000-54-72	1 -	LOCATION USH 45, B-66-86 TRAIL (EACH 2	SF 3		1000-54-72	1			
PROJECT TOTAL 1		1 USH 45, B-66-86 BRIDGE WORK AHEAD (18" X 18") 2			5		PROJECT TOTAL				
	<u> </u>	HICKORY SIREEL DEIOU	,	15	90						
			PROJECT TOTAL		98						
				TF	MPORARY MARKING LINE	REMOVARIE TAPE					
MARKING	LINE EPOXY						.0150 649.0960				
		646.1020 4-Inch				4-1	INCH MASK OUT 6-				
LOCATION		LF			CATION		LF LF				
STH 16 B-67-172 STAGE 2 EB, OUTS) 1800			EB, OUTSIDE SHOULDER		700 1800 700 1800					
318 10 0-07-172 31AUE 2 ED, UUIS	THE SUMILINED (WHITE) 1800		STH 16 B-67-172 STAGE 2 WB, OUTSIDE SHOULDER (WHITE) 1700							
STH 16 B-67-172 STAGE 2 WB, OUTS	THE SHOOLDER (WHITE	STH 16 B-67-186 STAGE 2 EB, OUTSIDE SHOULDER (WHITE) 1800				STH 16 B-67-186 STAGE 2 EB, OUTSIDE SHOULDER (WHITE) 1700 1800					
STH 16 B-67-172 STAGE 2 WB, OUTS	•) 1800									
STH 16 B-67-172 STAGE 2 WB, OUTS	IDE SHOULDER (WHITE			7-186 STAGE 2	EB, OUTSIDE SHOULDER	(WHITE) 17	700 1800				
STH 16 B-67-172 STAGE 2 WB, OUTS STH 16 B-67-186 STAGE 2 EB, OUTS	IDE SHOULDER (WHITE) 1800		7-186 STAGE 2		·	700 1800 300 7200				
STH 16 B-67-172 STAGE 2 WB, OUTS STH 16 B-67-186 STAGE 2 EB, OUTS	IDE SHOULDER (WHITE) 1800		7-186 STAGE 2		·	7200	EGORY 00			

				STAGE DURATION	TRA Con	.0300 FFIC TROL UMS	TRAFFIC BARR	.0420 CONTROL ICADES III	TRAFFIO WARNIN	C CONTROL IG LIGHTS	TRAFFIC WARNING	0715 CONTROL LIGHTS PE C		0800 CONTROL BOARDS	TRA CON	.0900 FFIC TROL GNS	TRAFFIC SI	1050 CONTROL GNS CMS
STAGE	STRUCTURE	STREET	DESCRIPTION	(DAYS)	EACH	DAYS	EACH	DAYS	EACH	DAYS	EACH	DAYS	EACH	DAYS	EACH	DAYS	EACH	DAYS
SETUP	B-66-086	USH 45	NB/SB SHOULDER CLOSURE	1	30	30	0	0	0	0	o	0	0	0	6	6	0	o
PAINTING		USH 45	NB/SB SHOULDER CLOSURE	20	10	200	0	Ö	Ö	Ö	0	Ö	0	Ö	4	80	0	ŏ
	B-66-086	USH 45	NB/SB SHOULDER CLOSURE	1	30	30	0	0	0	0	0	0	0	0	6	6	0	0
PREWARN	B-67-172	STH 16 (WB)	ADVANCE WARNING LANE CLOSURES	5	5	25	0	0	0	0	0	0	0	0	0	0	1	5
		STH 16 (EB)	ADVANCE WARNING LANE CLOSURES	5	5	25	0	0	0	0	0	0	0	0	0	0	1	5
STAGE 1	B-67-172	0711 40 (1117)	MERTON AVE	2	50	100	6	12	12	24	10	20	2	4	14	28	0	0
		STH 16 (WB)	OFF PEAK LANE CLOSURE OFF PEAK LANE CLOSURE	12 12	122 55	1,464 660	4	48 24	8	96 48	29 17	348 204	2	24 24	13 10	156 120		12 12
STAGE 2		STH 16 (EB) STH 16 (WB)	OFF PEAK LANE CLOSURE	12	110	1,320	6	72	12	46 144	43	204 516	2	24	12	144		12
STAGE 2		STH 16 (WB)	OFF PEAK LANE CLOSURE	12	43	516	3	36	6	72	43	516 516	2	24	15	180	;	12
	B-67-172		WIDTH RESTRICTION	12	0	0	0	0	ŏ	0	0	0	ō	0	10	120	Ö	0
	B-67-172	· · · ·	MERTON AVE	2	50	100	6	12	12	24	10	20	2	4	14	28	0	0
STAGE 3		STH 16 (WB)	OFF PEAK LANE CLOSURE	1	122	122	4	4	8	8	29	29	2	2	13	13	1	1
		STH 16 (EB)	OFF PEAK LANE CLOSURE	1	55	55	2	2	4	4	17	17	2	2	10	10	1	1
																	_	
		STH 16 (WB)	OFF PEAK LANE CLOSURE	1	36	36	1	1	2	2	16	16	2	2	9	9	0	0
		STH 16 (WB)	SHOULDER CLOSURE	22	45	990	2	44 1	2	44	0	0	0	0	6	132	0	0
IAKEDOWN	B-67-180 3	STH 16 (WB)	OFF PEAK LANE CLOSURE	1	36	36	'		2	2	16	16	2	2	9	9	0	0
SETUP	B-67-181	STH 16 (EB)	OFF PEAK LANE CLOSURE	1	36	36	1	1	2	2	16	16	2	2	9	9	0	О
		STH 16 (EB)	SHOULDER CLOSURE	22	40	880	2	44	2	44	0	0	О	0	8	176	0	0
		STH 16 (EB)	OFF PEAK LANE CLOSURE	1	36	36	1	1	2	2	16	16	2	2	9	9	0	0
SETUP		STH 190 OFF	OFF PEAK LANE SHIFT	1	28	28	0	0	0	0	0	0	0	0	5	5	0	0
		STH 190 OFF	SHOULDER CLOSURE	22	40	880	2	44	2	44	0	0	0	0	7	154	0	0
IAKEDOWN	B-67-182	STH 190 OFF	OFF PEAK LANE SHIFT	1	28	28	0	0	0	0	0	0	"	0	5	5	0	0
SETUP	B-67-183	STH 190 ON	OFF PEAK LANE SHIFT	1	22	22	o	0	0	0	o	0	lo	0	4	4	0	o
		STH 190 ON	SHOULDER CLOSURE	22	34	748	2	44	2	44	0	Ō	o	Ō	8	176	o	0
		STH 190 ON	OFF PEAK LANE SHIFT	1	22	22	0	0	0	0	0	0	0	0	4	4	0	0
DETOUR		HICKORY		80	0	0	8	640	16	1,280	0	0	0	0	42	3,360	0	0
DDEWADN	R_67_106 (QTU 16 /WD\	ADVANCE WARNING LANE CLOSURES	5	5	25	0	0		0	0	0		0		0	1	5
		STH 16 (WB) STH 16 (EB)	ADVANCE WARNING LANE CLOSURES ADVANCE WARNING LANE CLOSURES	5	5 5	25 25	0	0	1 0	0	0	0	٨	0	0	0	¦	5 5
	B-67-186	31H 10 (EB)	BLUEMOUND ROAD	1	50	50	4	4	8	8	10	10	2	2	12	12	0	0
CIAGE I		STH 16 (WB)	OFF PEAK LANE CLOSURE	17	94	1,598	3	51	6	102	29	493	2	34	13	221	1	17
		STH 16 (EB)	OFF PEAK LANE CLOSURE	17	106	1,802	3	51	6	102	39	663	2	34	13	221	1	17
		STH 16 (EB)	ADVANCE WARNING RAMP CLOSURE	5	5	25	0	0	0	0	0	0	0	0	0	0	1	5
		STH 16 (EB)	RAMP CLOSURE FROM STH 190	17	24	408	5	85	10	170	26	442	0	0	45	765	3	51
STAGE 2		STH 16 (WB)	OFF PEAK LANE CLOSURE	8	81	648	4	32	8	64	43	344	2	16	16	128	1	8
		STH 16 (EB)	OFF PEAK LANE CLOSURE	8	99	792	5	40	10	80	43	344	2	16	18	144	1	8
	B-67-186	STH 16	WIDTH RESTRICTION	12	0	0	0	0	0	0	0	0	0	0	8	96	0	0
07405 6	B-67-186	OTIL 46 (WB)	BLUEMOUND ROAD	1	50 04	50 04	4	4	8	8	10	10	2	2	12	12	0	0
STAGE 3		STH 16 (WB)	OFF PEAK LANE CLOSURE OFF PEAK LANE CLOSURE	1	94 106	94 106	3	3	, o	6	29 39	29 30	2	2 2	13	13 13	'	
		STH 16 (EB) STH 16 (EB)	RAMP CLOSURE FROM STH 190	'	24	106 24	5	3 5	10	10	26	39 26		0	13 45	13 45	3	3
	9-01-100 A	OIII 10 (EB)	MAIN OLOGORE I ROM SIN 190	'	47	47		3	'3	10	20	20	"	U	-3	70		•
			PROJECT TOTAL			14,036		1,308		2,440		4,134		224		6,613		181
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PROJECT NO: 1000-54-72 HWY: STH 16 & USH 45 COUNTY: WASHINGTON & WAUKESHA MISCELLANEOUS QUANTITIES SHEET:

FILE NAME : _____ PLOT DATE : ____ PLOT BY : ____ PLOT NAME : ____ PLOT SCALE : 1:1

Standard Detail Drawing List

08E09-06	SILT FENCE
08E14-01	TRACKING PAD
13A05-05A	SHOULDER RUMBLE STRIP, MILLING
13A05-05B	SHOULDER RUMBLE STRIP, MILLING
15C02-06A	BARRICADES AND SIGNS FOR MAINLINE CLOSURES
15C02-06B	BARRICADES AND SIGNS FOR MAINLINE CLOSURES
15C02-06C	DETOUR SIGNING FOR MAINLINE CLOSURES
15C08-18A	LONGITUDINAL MARKING (MAINLINE)
15C11-07B	CHANNELIZING DEVICES DRUMS, CONES, BARRICADES AND VERTICAL PANELS
15D03-04	TRAFFIC CONTROL, LANE CLOSURE, SPEEDS GREATER THAN 40 M.P.H. WITH BARRIER
15D12-06A	TRAFFIC CONTROL, LANE CLOSURE
15D15-04A	TRAFFIC CONTROL, PARALLEL ENTRANCE RAMP WITHIN LANE CLOSURE
15D15-04D	TRAFFIC CONTROL, TAPERED ENTRANCE RAMP WITHIN LANE CLOSURE
15D15-04E	TRAFFIC CONTROL, PARALLEL EXIT RAMP WITHIN LANE CLOSURE
15D20-04	TRAFFIC CONTROL, SINGLE LANE CLOSURE, NON-FREEWAY/EXPRESSWAY
15D28-03	TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY
15D38-02A	TEMPORARY TRAFFIC CONTROL SIGN MOUNTING
15D38-02B	ATTACHMENT OF SIGNS TO POSTS

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TYPICAL APPLICATION OF SILT FENCE

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PLAN VIEW SILT FENCE AT MEDIAN SURFACE DRAINS



GENERAL NOTES

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

- \bigcirc HORIZONTAL BRACE REQUIRED WITH 2" X 4" WOODEN FRAME OR EQUIVALENT AT TOP OF POSTS.
- ② FOR MANUAL INSTALLATIONS THE TRENCH SHALL BE A MINIMUM OF 4" WIDE & 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL & COMPACT TRENCH WITH EXCAVATED SOIL.
- 3 WOOD POSTS SHALL BE A MINIMUM SIZE OF 11/8" X 11/8" OF OAK OR HICKORY.
- 4) SILT FENCE TO EXTEND ACROSS THE TOP OF THE PIPE.
- (5) CONSTRUCT SILT FENCE FROM A CONTINUOUS ROLL IF POSSIBLE BY CUTTING LENGTHS TO AVOID JOINTS. IF A JOINT IS NECESSARY USE ONE OF THE FOLLOWING TWO METHODS; A) OVERLAP THE END POSTS AND TWIST, OR ROTATE, AT LEAST 180 DEGREES, B) HOOK THE END OF EACH SILT FENCE LENGTH.



TRENCH DETAIL



SILT FENCE TIE BACK
(WHEN REQUIRED BY THE ENGINEER)

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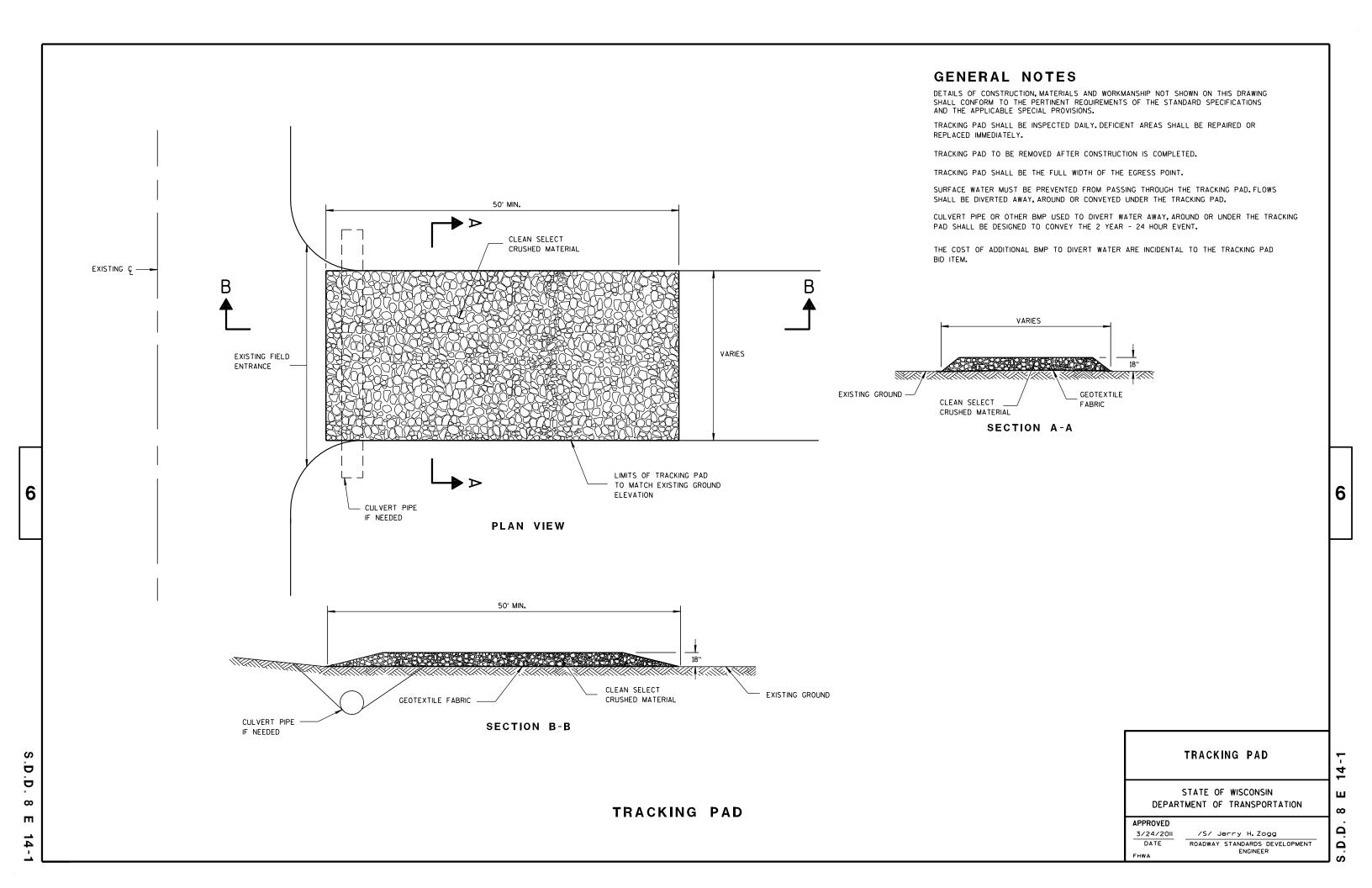
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4-29-05 /S/ Beth Cannestra

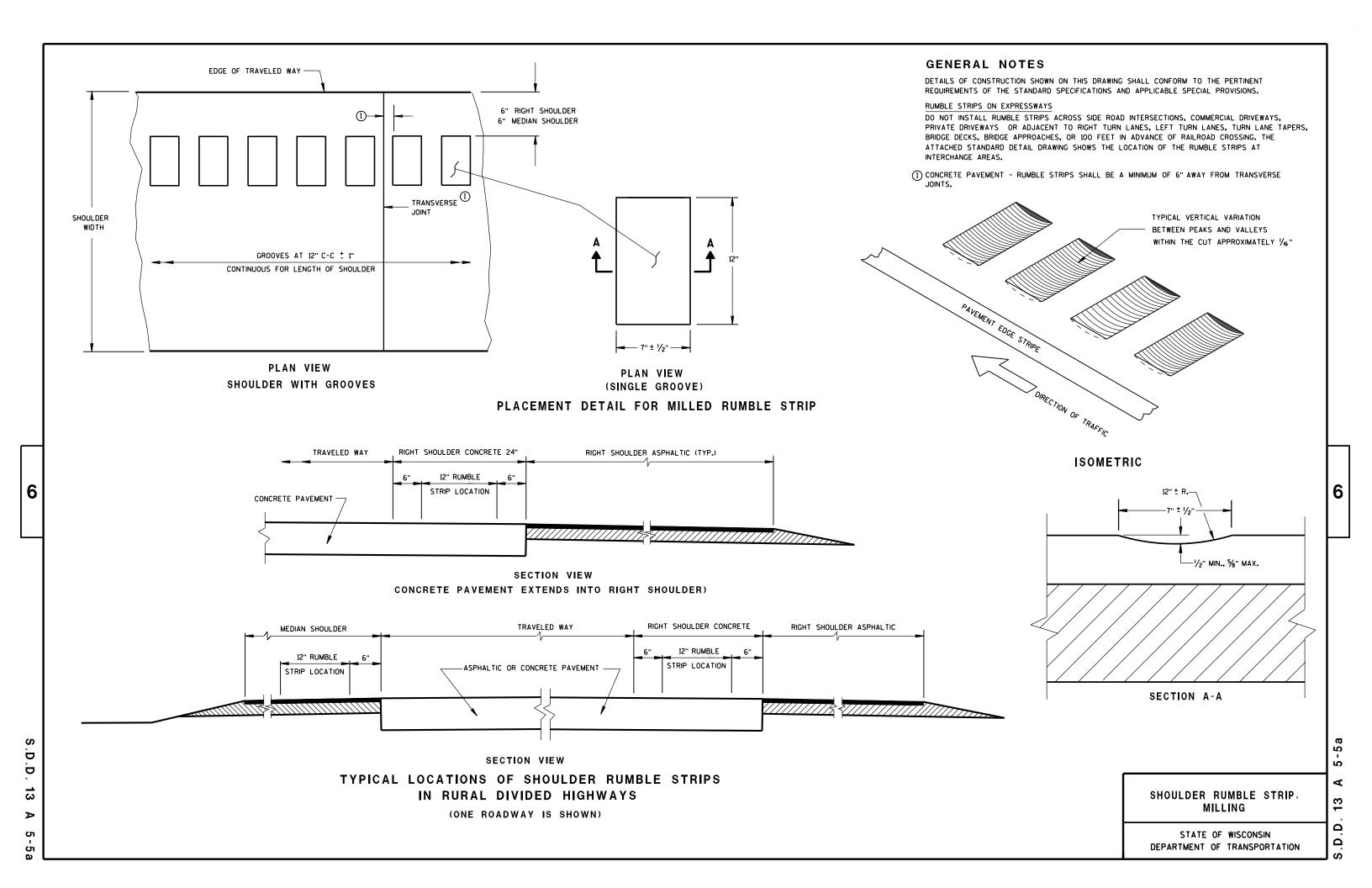
29-05 /S/ Beth Cannestra
DATE CHIEF ROADWAY DEVELOPMENT ENGINEER

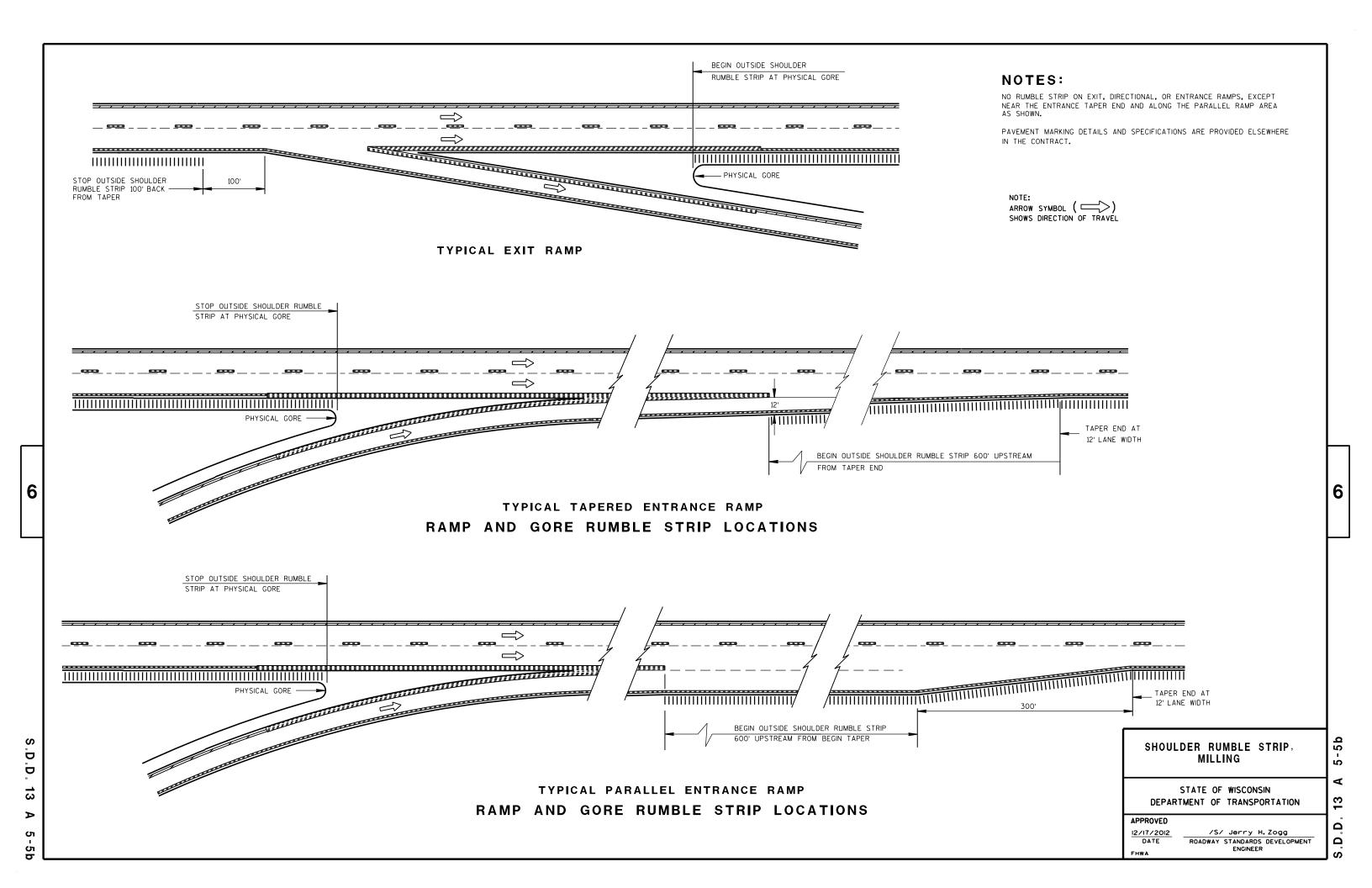
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ROAD CLOSURE BARRICADE DETAIL

APPROACH VIEW



DETAIL E LANE CLOSURE BARRICADE DETAIL APPROACH VIEW

SEE SDD 15C2-SHEET "a" FOR LEGEND

GENERAL NOTES

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

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

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

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

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

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

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

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

"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, 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". (30" X 15" IF NEEDED TO MATCH EXISTING SIGNS.) M1-4, M1-5A, AND M1-6 SHALL BE 24" X 24". (36" X 36" IF NEEDED TO MATCH EXISTING SIGNS.) MO5-1 AND MO6-1 SHALL BE 21" X 21". (30" X 30" IF NEEDED TO MATCH EXISTING SIGNS.) D1-X SHALL BE AS SHOWN ON SPECIFIC PROJECT SIGNING DETAIL SHEETS. R1-1 SHALL BE 36" X 36".

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

BARRICADES AND SIGNS FOR MAINLINE CLOSURES

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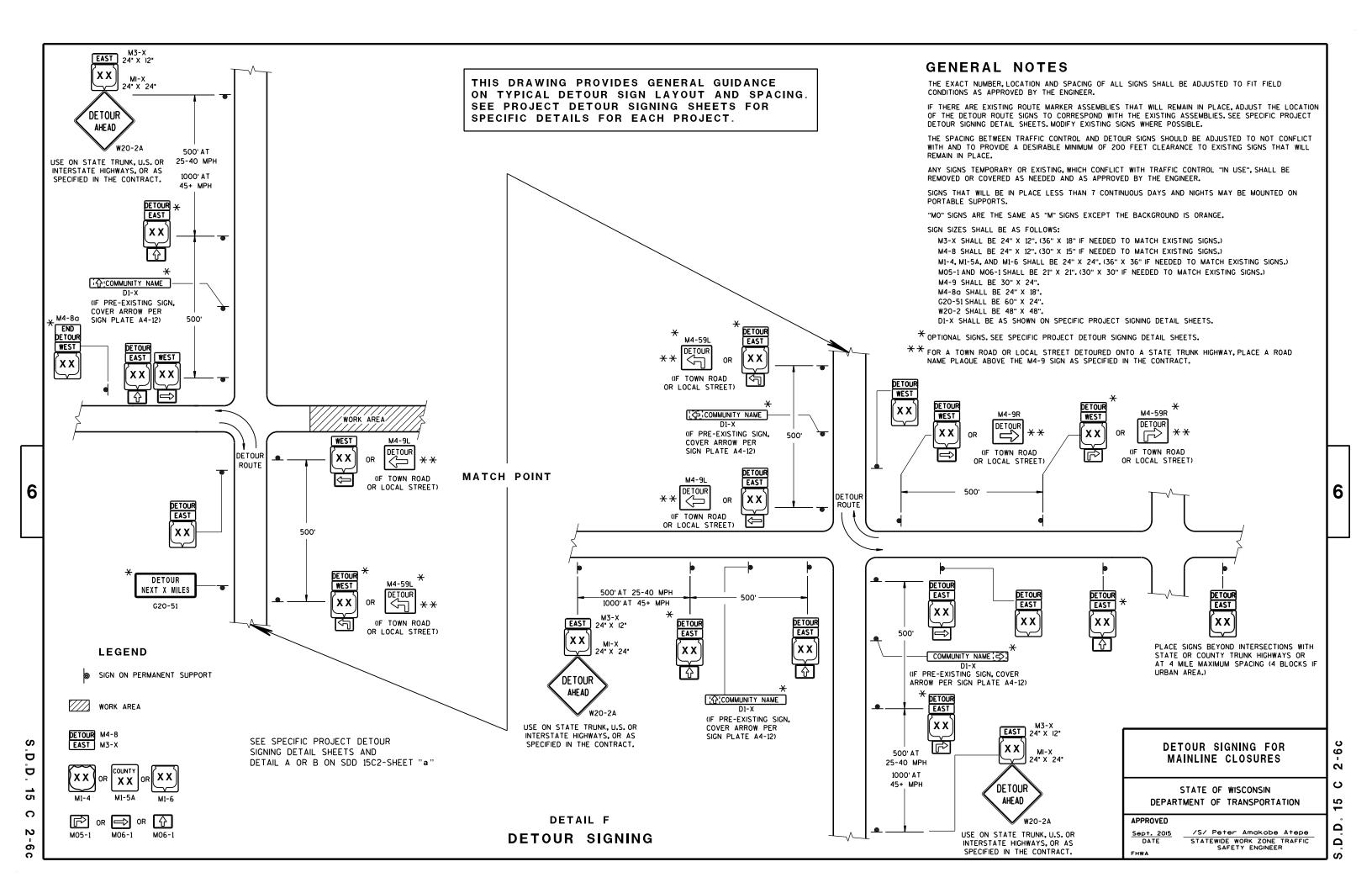
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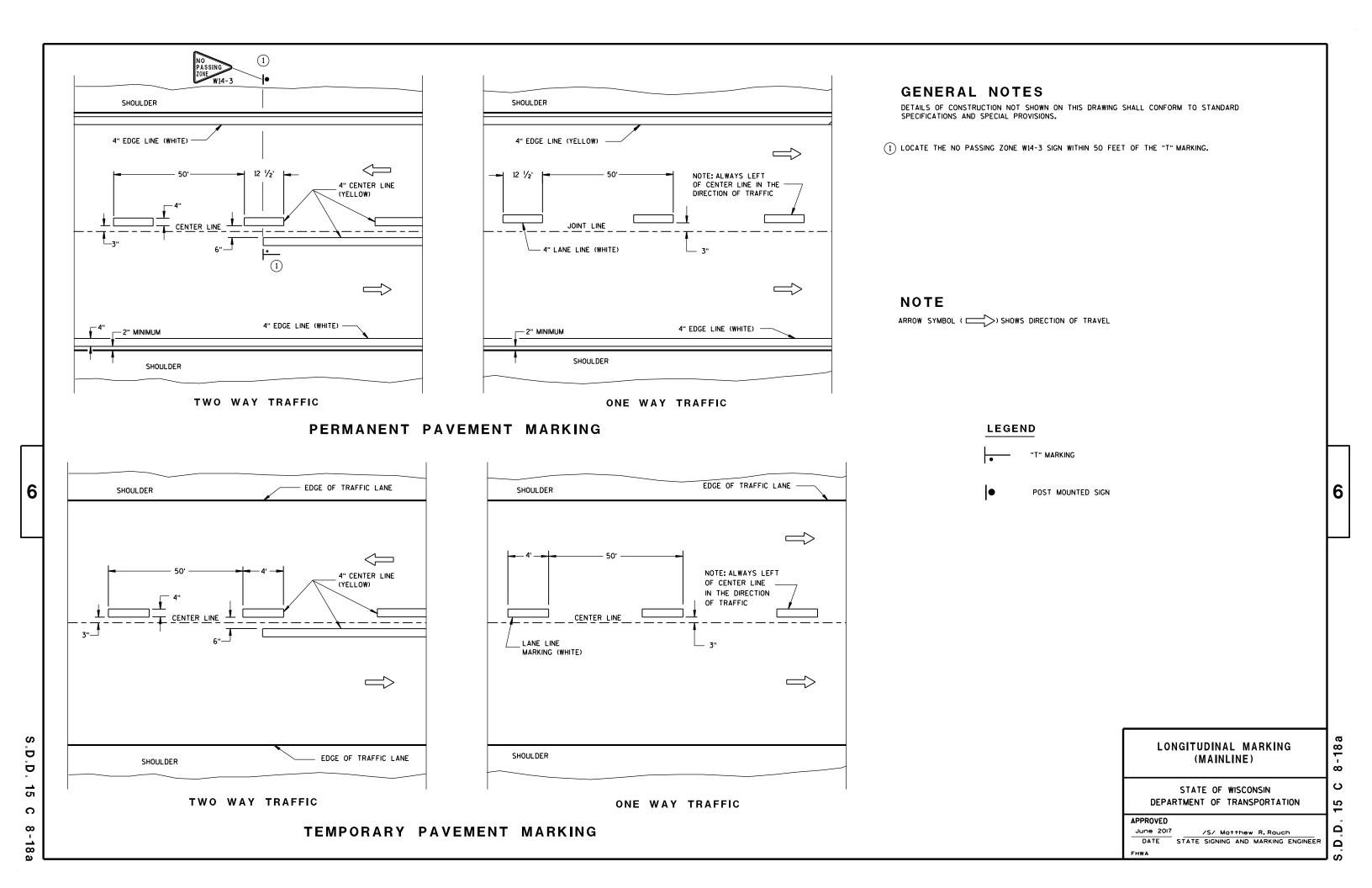
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STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

/S/ Peter Amakobe Atepe

STATEWIDE WORK ZONE TRAFFIC SAFETY ENGINEER

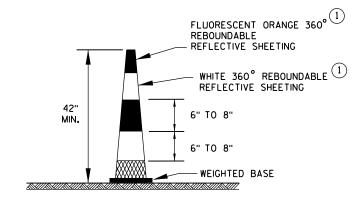




DRUM

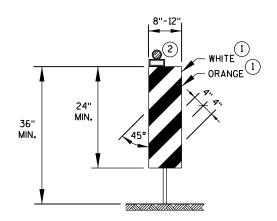
TYPE 2 BARRICADE

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



42" CONE

DO NOT USE IN TAPERS 1/2 SPACING OF DRUMS

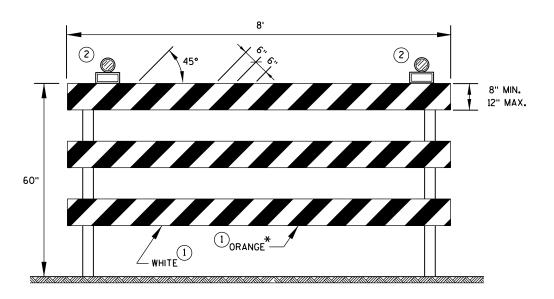


VERTICAL PANEL

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

GENERAL NOTES

- REFLECTIVE SHEETING SHALL FOLLOW THE REQUIREMENTS IN THE APPROVED PRODUCTS LISTING FOR SIGN SHEETING.
- (2) LOCATION OF WARNING LIGHTS WHEN SHOWN ON THE PLAN.



TYPE 3 BARRICADE

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

* IF USED FOR A PERMANENT APPLICATION, USE RED SHEETING.

CHANNELIZING DEVICES DRUMS, CONES, BARRICADES AND VERTICAL PANELS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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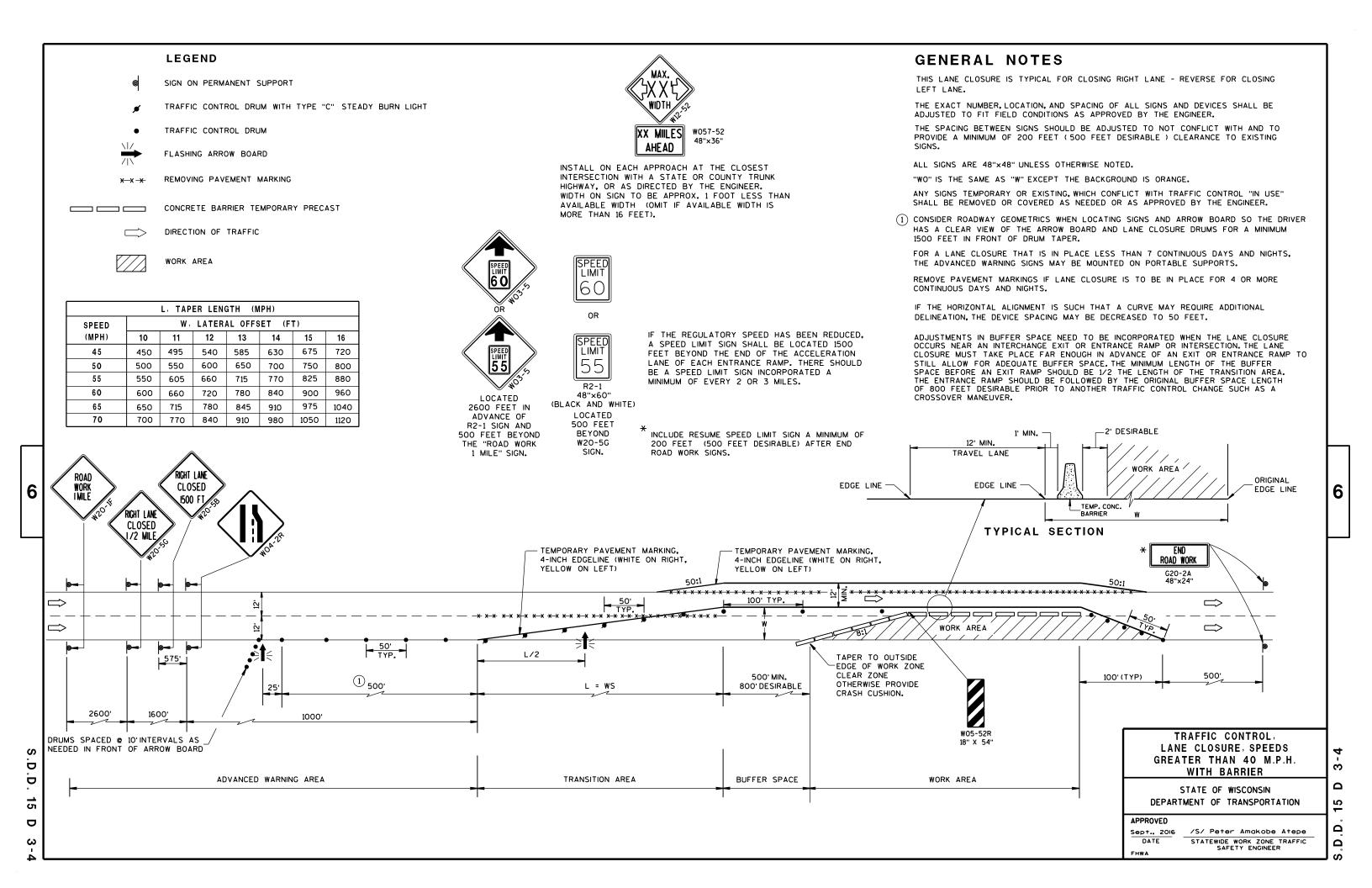
APPROVED

June 2017
DATE

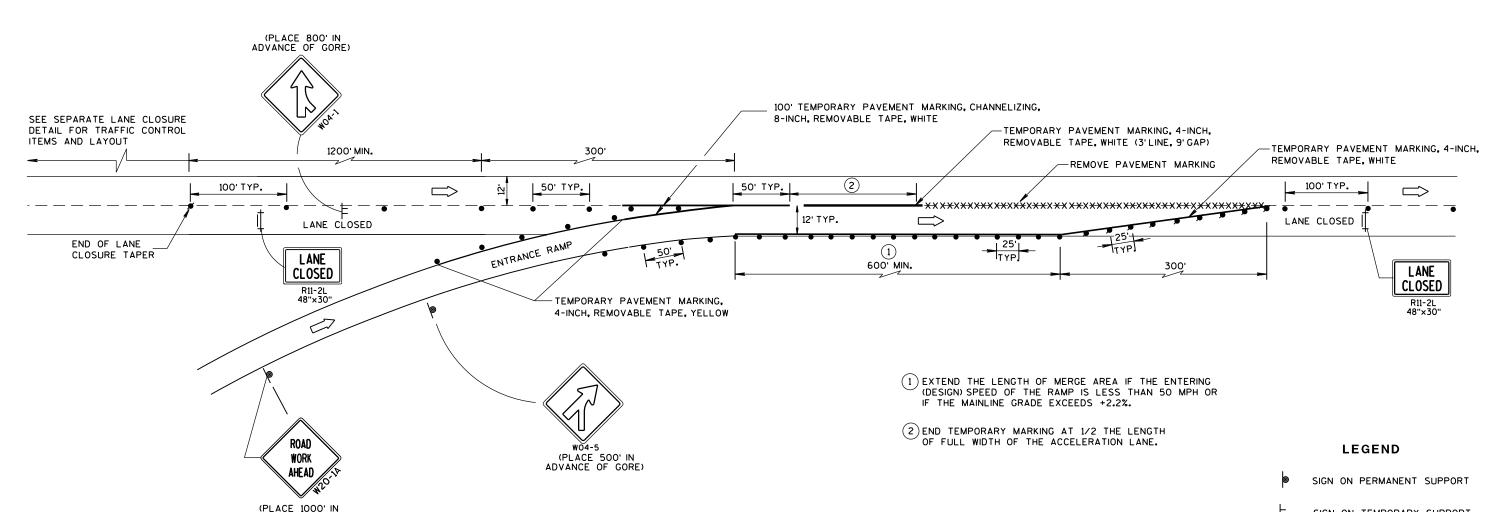
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GENERAL NOTES LEGEND THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE REMOVE PAVEMENT MARKINGS IF LANE CLOSURE IS TO BE IN PLACE FOR LONGER THAN ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER. 4 OR MORE DAYS AND NIGHTS. TYPE III BARRICADE WITH ATTACHED SIGN THE SPACING BETWEEN SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET, (500 FEET DESIREABLE) DISTANCE TO EXISTING WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION. SIGN ON PERMENENT SUPPORT IF THE HORIZONTAL ALIGNMENT IS SUCH THAT A CURVE MAY REQUIRE ADDITIONAL TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT THIS LANE CLOSURE IS TYPICAL FOR CLOSING RIGHT LANE - REVERSE FOR CLOSING DELINEATION. THE DEVICE SPACING MAY BE DECREASED TO 50 FEET. LEFT LANE. TRAFFIC CONTROL DRUM ALL SIGNS ARE 48"x48" UNLESS OTHERWISE NOTED. ADJUSTMENTS IN BUFFER SPACE NEED TO BE INCORPORATED WHEN THE LANE CLOSURE OCCURS NEAR AN INTERCHANGE EXIT OR ENTRANCE RAMP. THE LANE CLOSURE MUST FLASHING ARROW BOARD "WO" IS THE SAME AS "W" EXCEPT THE BACKGROUND IS ORANGE. MUST TAKE PLACE FAR ENOUGH IN ADVANCE OF AN EXIT OR ENTRANCE RAMP TO STILL ALLOW FOR ADEQUATE BUFFER SPACE. THE MINIMUM LENGTH OF THE BUFFER SPACE BEFORE AN EXIT RAMP SHOULD BE 1/2 THE LENGTH OF THE TRANSITION AREA. ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" TYPE "A" WARNING LIGHT (FLASHING) THE ENTRANCE RAMP SHOULD BE FOLLOWED BY THE ORIGINAL BUFFER SPACE LENGTH OF 800 FEET DESIRABLE PRIOR TO ANOTHER TRAFFIC CONTROL CHANGE SUCH AS A SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON "COVERED" OR "DOWNED" SIGNS. * X -X REMOVING PAVEMENT MARKING CROSSOVER MANEUVER. CONSIDER GEOMETRICS WHEN LOCATING SIGNS AND ARROW BOARD SO THE DRIVER HAS * THE LEFT REVERSE CURVE SIGN (WO1-4L) IS ONLY REQUIRED WHEN THIS DETAIL IS A CLEAR VIEW OF THE ARROW BOARD AND LANE CLOSURE DRUMS FOR A MINIMUM USED IN COMBINATION WITH "SINGLE LANE CROSSOVER" DETAIL. DIRECTION OF TRAFFIC 1500 FEET IN FRONT OF DRUMS. FOR A LANE CLOSURE THAT IS IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS. THE ADVANCED WARNING SIGNS MAY BE MOUNTED ON PORTABLE SUPPORTS. 6 6 WORK CLOSED CLOSED I MILE 1500 F XX м.Р.н 36"×36" IF NEEDED. USE ONLY TYPE III BARRICADE IF DESIGN SPEED IS TEMPORARY PAVEMENT MARKING, REMOVABLE TAPE SPACED EVERY 1/4 MILE. 10 MPH BELOW 4-INCH EDGELINE (WHITE ON RIGHT, YELLOW ON LEFT) POSTED SPEED. 100' \Rightarrow \Rightarrow \Longrightarrow WORK AREA 50' L/2 500' MIN. - 800' DESIRABLE 575 L. TAPER 500 50 MPH - 600' 55 MPH - 660' 2600' 1600' 1000' 60 MPH - 720' TRAFFIC CONTROL, 9 65 MPH - 780' D 70 MPH - 840' LANE CLOSURE 5 DRUMS SPACED @ 10' INTERVALS AS 2 Ö NEEDED IN FRONT OF ARROW BOARD 15 Ω STATE OF WISCONSIN ADVANCED WARNING AREA TRANSITION AREA BUFFER SPACE DEPARTMENT OF TRANSPORTATION D **APPROVED** /S/ Peter Amakobe Atepe 2 March 2016 STATEWIDE WORK ZONE TRAFFIC SAFETY ENGINEER Ω 6 FHWA



PARALLEL ENTRANCE RAMP

GENERAL NOTES

THE INSTALLATIONS SHOWN ON THIS SHEET ARE TYPICAL EXAMPLES AND ARE NOT INTENDED TO REPRESENT ANY PARTICULAR RAMP. AT SPECIFIC FIELD LOCATIONS, SIMILAR INSTALLATIONS SHALL BE USED AND ADJUSTED TO THE GEOMETRICS OF THE RAMP AS COORDINATED WITH THE ENGINEER.

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

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

ADVANCE OF GORE)

ALL SIGNS ARE 48"x48" UNLESS OTHERWISE NOTED.

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

SEE SEPARATE LANE CLOSURE DETAIL FOR TYPICAL SPACING OF TYPE III BARRICADES AND R11-2L "LANE CLOSED" SIGNS.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS. OR THAT WILL BE PLACED IN A CLOSED LANE, MAY BE MOUNTED ON PORTABLE SUPPORTS. USE SUPPORTS THAT PROVIDE A MINIMUM OF 5 FEET FROM THE BOTTOM OF THE SIGN TO THE PAVEMENT.

IF INDICATED IN MISCELLANEOUS QUANTITIES, SUBSTITUTE FLEXIBLE TUBULAR MARKERS FOR DRUMS IN THE GORE BETWEEN THE ENTRANCE RAMP AND MAINLINE TRAFFIC.

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

REMOVE PAVEMENT MARKINGS AND PLACE TEMPORARY PAVEMENT MARKING REMOVABLE TAPE IF LANE CLOSURE IS TO BE IN PLACE FOR 4 OR MORE CONTINUOUS DAYS AND NIGHTS.

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

SIGN ON TEMPORARY SUPPORT

TRAFFIC CONTROL DRUM

TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT

TYPE III BARRICADE WITH ATTACHED SIGN

REMOVING PAVEMENT MARKING

DIRECTION OF TRAFFIC

TRAFFIC CONTROL, PARALLEL ENTRANCE RAMP WITHIN LANE CLOSURE

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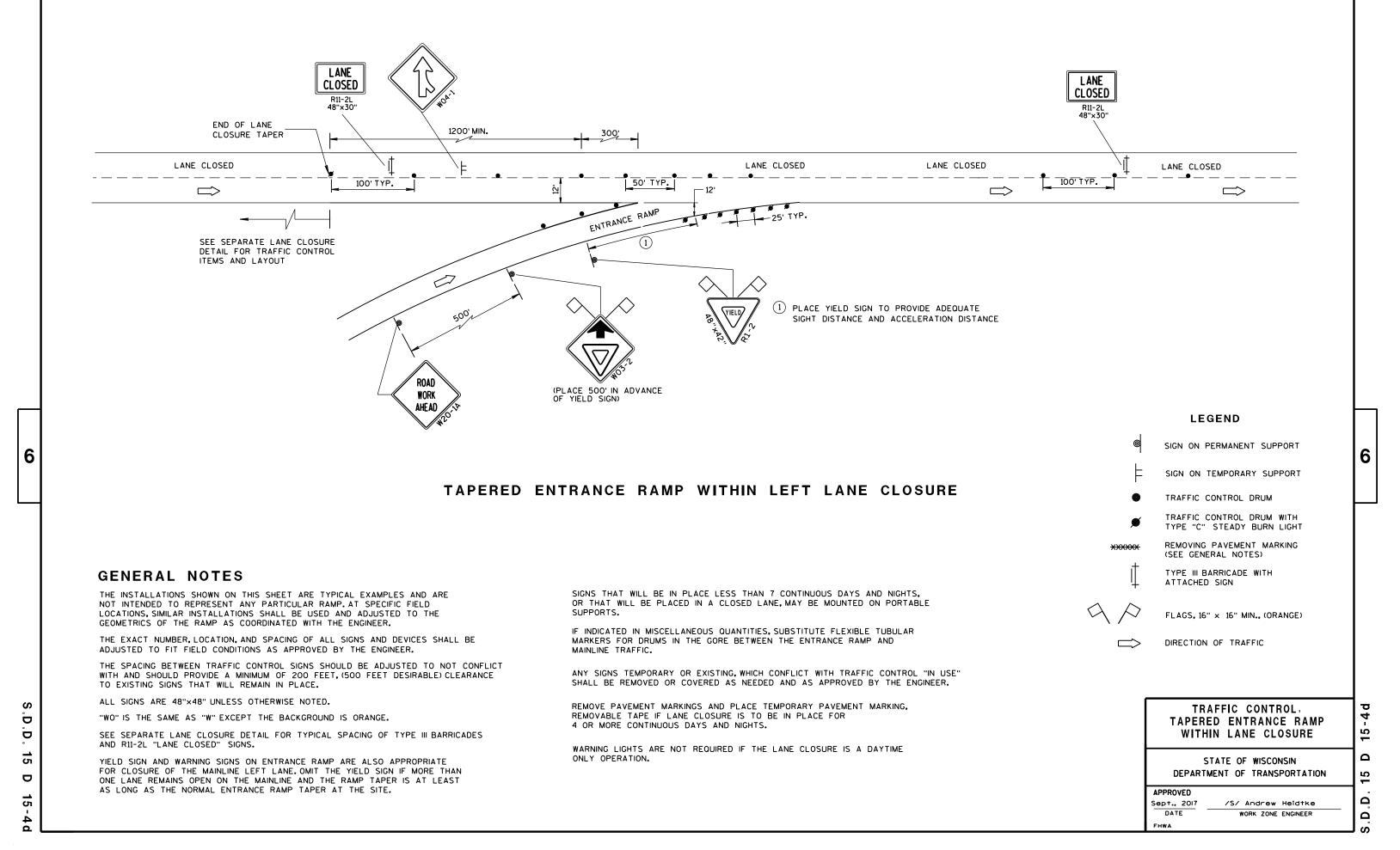
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Sept., 2017	/S/ Andrew Heidtke
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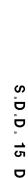
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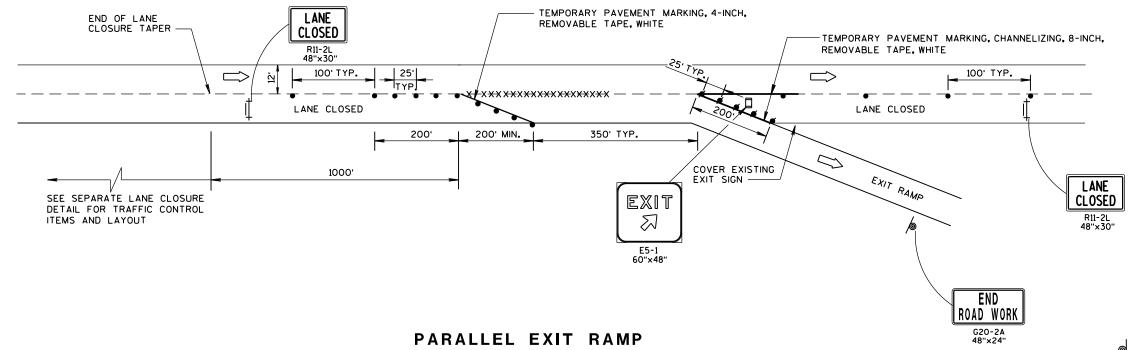
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GENERAL NOTES

THE INSTALLATIONS SHOWN ON THIS SHEET ARE TYPICAL EXAMPLES AND ARE NOT INTENDED TO REPRESENT ANY PARTICULAR RAMP. AT SPECIFIC FIELD LOCATIONS, SIMILAR INSTALLATIONS SHALL BE USED AND ADJUSTED TO THE GEOMETRICS OF THE RAMP AS COORDINATED WITH THE ENGINEER.

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

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

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

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

SEE SEPARATE LANE CLOSURE DETAIL FOR TYPICAL SPACING OF TYPE III BARRICADES AND R11-2L "LANE CLOSED" SIGNS.

YIELD SIGN AND WARNING SIGNS ON ENTRANCE RAMP ARE ALSO APPROPRIATE FOR CLOSURE OF THE MAINLINE LEFT LANE. OMIT THE YIELD SIGN IF MORE THAN ONE LANE REMAINS OPEN ON THE MAINLINE AND THE RAMP TAPER IS AT LEAST AS LONG AS THE NORMAL ENTRANCE RAMP TAPER AT THE SITE.

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

IF INDICATED IN MISCELLANEOUS QUANTITIES, SUBSTITUTE FLEXIBLE TUBULAR MARKERS FOR DRUMS IN THE GORE BETWEEN THE ENTRANCE RAMP AND MAINLINE TRAFFIC.

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

REMOVE PAVEMENT MARKINGS AND PLACE TEMPORARY PAVEMENT MARKING. REMOVABLE TAPE IF LANE CLOSURE IS TO BE IN PLACE FOR 4 OR MORE CONTINUOUS DAYS AND NIGHTS.

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

LEGEND

SIGN ON PERMANENT SUPPORT

SIGN ON TEMPORARY SUPPORT

TRAFFIC CONTROL DRUM

TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT

REMOVING PAVEMENT MARKING (SEE GENERAL NOTES)

> TYPE III BARRICADE WITH ATTACHED SIGN

FLAGS, 16" × 16" MIN., (ORANGE)

DIRECTION OF TRAFFIC

TRAFFIC CONTROL, PARALLEL EXIT RAMP WITHIN LANE CLOSURE

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

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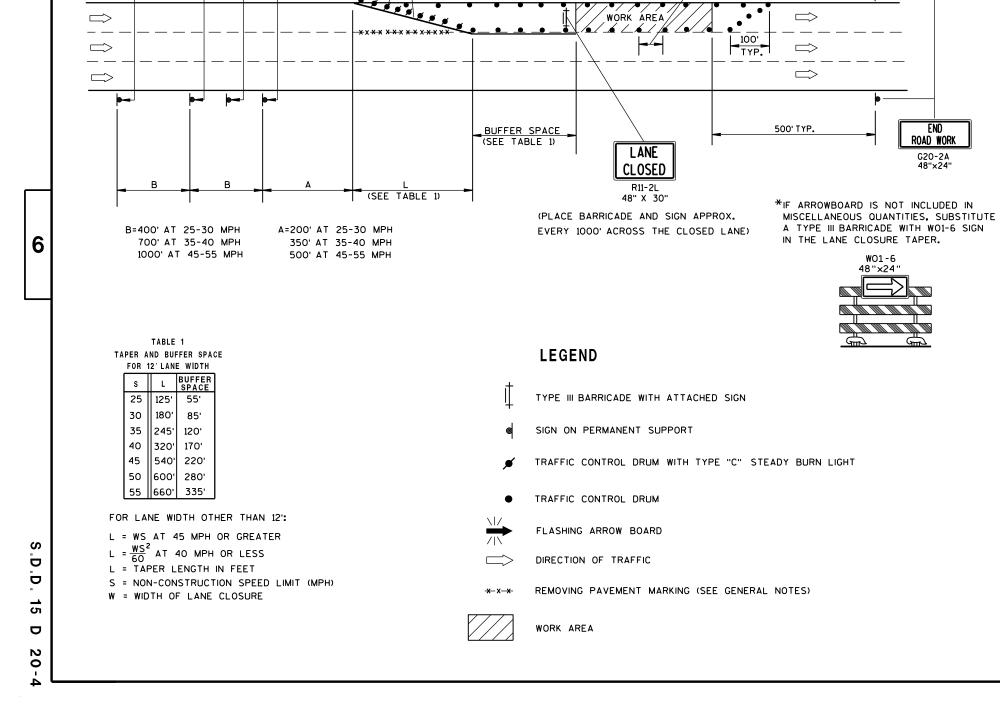
Sept., 2017 /S/ Andrew Heidtke WORK ZONE ENGINEER DATE FHWA

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(5) DRUMS SPACED @ 10'

INTERVALS AS NEEDED IN

FRONT OF ARROW BOARD

TEMPORARY PAVEMENT MARKING.

4-INCH REMOVABLE TAPE (WHITE ON RIGHT,

25'@ 35 MPH OR LESS 50'@ 40 MPH OR MORE

YELLOW ON LEFT)

SPACING:

ROAD WORK

NEXT___MILES

G20-1

60" X 24"

CLOSED

AHEAD

AHEAD

GENERAL NOTES

**THE LINE OF DRUMS SHOWN ALONG THE MEDIAN/CENTERLINE

ADJACENT TO THE WORK AREA. FOR THIS CONDITION INSTALL

W20-1 "ROAD WORK AHEAD" SIGN FOR OPPOSING DIRECTION OF

50' MAX. @ 35 MPH OR LESS

100' MAX. @ 40 MPH OR MORE

IS REQUIRED ONLY WHERE THERE IS OPPOSING TRAFFIC

TRAFFIC. IN ADVANCE OF THE WORK AREA.

SPACING:

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

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

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

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

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

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

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

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

REMOVE PAVEMENT MARKINGS AND PLACE TEMPORARY PAVEMENT MARKING, REMOVABLE TAPE IF LANE CLOSURE IS TO BE IN PLACE FOR 4 OR MORE CONTINUOUS DAYS AND NIGHTS.

ON UNDIVIDED ROADWAYS, OMIT THE SIGNS SHOWN ON LEFT SIDE OF ROAD.

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

OMIT G20-1 SIGNS IF LENGTH OF WORK AREA IS 2 MILES OR LESS.

CONSIDER GEOMETRICS WHEN LOCATING SIGNS AND ARROWBOARDS SO THE APPROACHING DRIVER HAS A CLEAR VIEW OF THE ARROWBOARDS AND LANE CLOSURE DRUMS.

PLACE THE ARROWBOARD AS CLOSE AS POSSIBLE TO THE BEGINNING OF THE LANE CLOSURE TAPER, PREFERABLY ON THE SHOULDER OR TERRACE.

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

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

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

TRAFFIC CONTROL SINGLE LANE CLOSURE, NON-FREEWAY/EXPRESSWAY

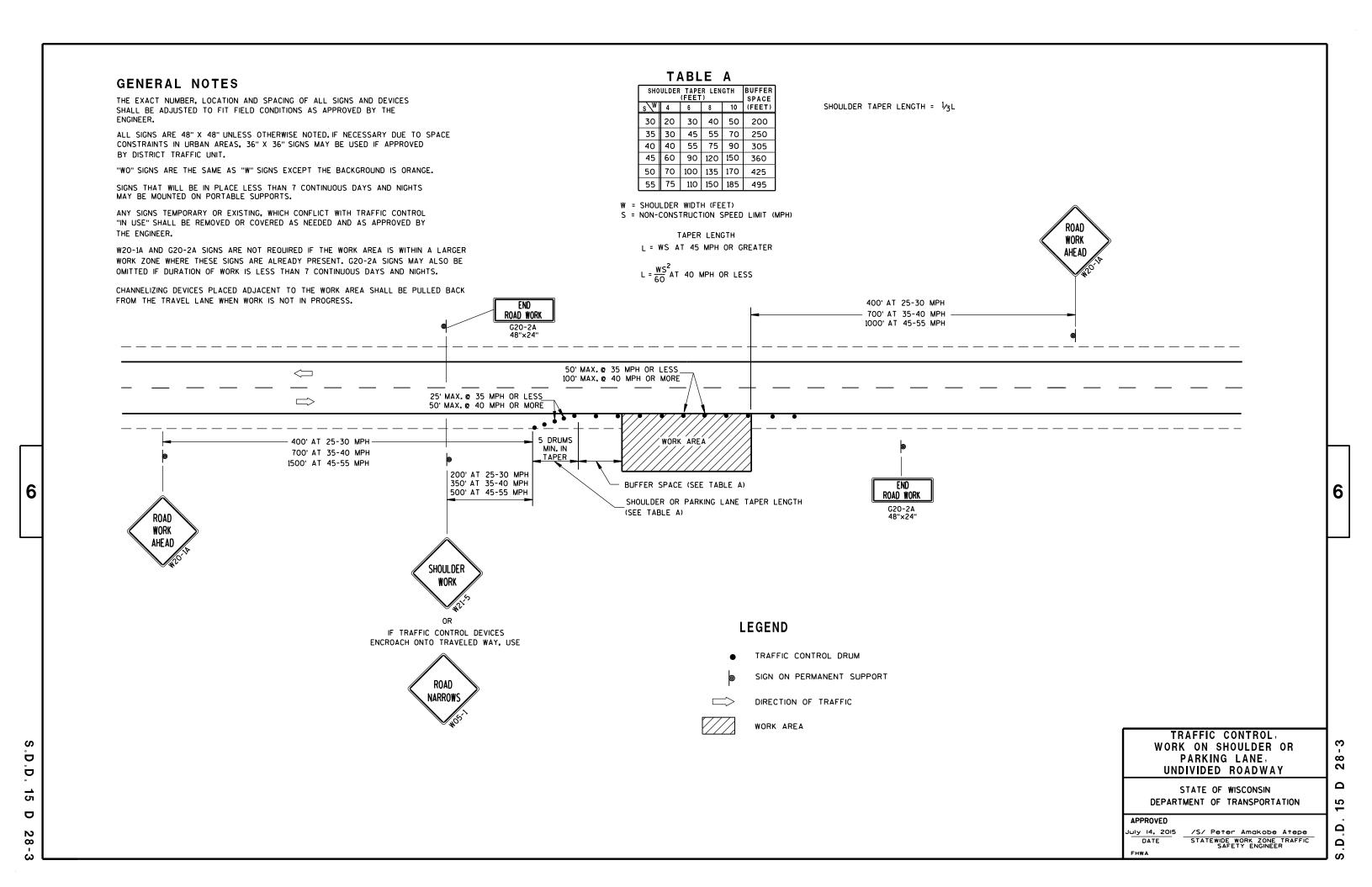
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVED June 2016

/S/ Peter Amakobe Atepe STATEWIDE WORK ZONE TRAFFIC SAFETY ENGINEER

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TUBULAR STEEL POSTS

AREA OF SIGN INSTALLATION (SO. FT.)	NUMBER OF REQUIRED TUBULAR STEEL POSTS
9 OR LESS	1
GREATER THAN 9 LESS THAN OR EQUAL TO 18	2
GREATER THAN 18 LESS THAN OR EQUAL TO 27	3

SIGNS WIDER THAN 3 FEET OR LARGER THAN 9 SO.FT. SHALL BE MOUNTED ON MULTIPLE POSTS (SEE ABOVE TABLE). SIGNS LARGER THAN 27 SO.FT. SHALL NOT BE MOUNTED ON TUBULAR STEEL POSTS.

URBAN AREA

POST MOUNTING DETAIL FOR TEMPORARY TRAFFIC CONTROL FIXED MESSAGE SIGNS

WOOD POST **EMBEDMENT DEPTH**

AREA OF SIGN INSTALLATION (SQ. FT.)	D (MIN)
20 OR LESS	4'
GREATER THAN 20	5'

4" X 6" WOOD POST

POST SPACING REQUIREM	MENTS	NUMBER OF						
L	E	REQUIRED						
48" OR LESS AND LESS THAN 20 SO.FT.	-	1						
LESS THAN 60"	12"	2	٤					
60" TO 120"	L/5	2						
GREATER THAN 120" LESS THAN 168"	12"	3						
168" AND GREATER	12"	4						

SEE NOTE (3)

RURAL AREA

TEMPORARY TRAFFIC CONTROL SIGN MOUNTING

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

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- 11/2" DIAMETER HOLES

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NUTS, BOLTS AND LAGS USED FOR MOUNTING SIGNS SHALL HAVE HEXAGONAL HEADS AND SHALL BE EITHER:

- A. HOT DIP GALVANIZED IN ACCORDANCE WITH ASTM DESIGNATION: A 153, CLASS D, OR SC 3
- B. ELECTRO-GALVANIZED IN ACCORDANCE WITH ASTM DESIGNATION: B 633, TYPE III, SC 3

THREADS ON BOLTS AND NUTS SHALL BE MANUFACTURED WITH SUFFICIENT ALLOWANCE FOR THE CADMIUM PLATE OR GALVANIZED COATING TO PERMIT THE NUTS TO RUN FREELY ON THE BOLTS.

WOOD POSTS (4" x 4" or 4" x 6")

LAG SCREWS - 3/8" X 3"

MACHINE BOLTS - 1/6" X 6-1/2" OR 7" LENGTH W/ NUTS

SQUARE STEEL POSTS (2" x 2")

MACHINE BOLTS - 3/8" X 3-1/4" LENGTH W/ NUTS

RIVETS - 1/32 " (6605-9-6) BULB-TITE, TRI-FOLD, ALUMINUM BODY/MANDREL O.D. FLANGE .720-.765 INCH, GRIP RANGE .042-.375 INCH

WASHERS (ALL POSTS) -

1-1/4" O.D. X 3/8" I.D. X 1/16" STEEL

1-1/4" O.D. X 3/8" I.D. X .080 NYLON FOR ALL TYPE H SIGNS

* TWO DIFFERENT FASTENING SYSTEMS ARE SHOWN FOR ILLUSTRATION PURPOSES. ON ANY INDIVIDUAL SIGN, EITHER ONE OR THE OTHER SYSTEM SHALL BE USED. ACTUAL NUMBER OF FASTENERS PER SIGN VARIES WITH THE SIGN AREA. FOR A SINGLE POST INSTALLATION, ALL SIGNS GREATER THAN 9 SQ. FT. REQUIRE THE USE OF 3 FASTENERS.

> ATTACHMENT OF SIGNS TO POSTS

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVED

June 2017 /S/ Andrew Heidtke DATE WORK ZONE ENGINEER FHWA

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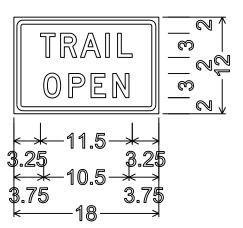
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38-2b

- 1. Fixed Message Type II Signs Type H Reflective
- 2. Color:

Background - White Message - Black

3. Message Series - D



1.125" Radius, 0.500" Border, 0.375" Indent

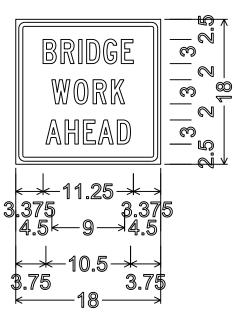
NOTES

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

Background - Orange

Message - Black

3. Message Series - C



1.125" Radius, 0.500" Border, 0.375" Indent

PROJECT NO:1000-54-72

HWY:USH 45

COUNTY: WASHINGTON

TEMPORARY SIGNING

SHEET NO:

FILE NAME : C:\CAEfiles\Projects\tr_d2\TrailOpenFMS.DGN

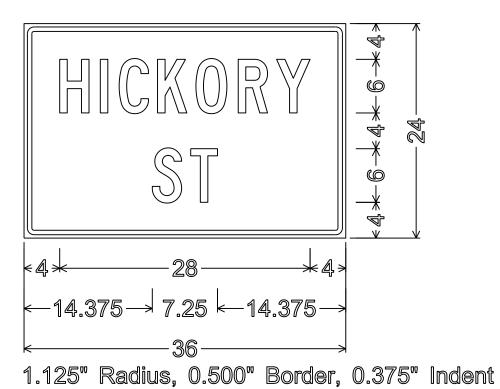
PLOT DATE: 31-JAN-2018 18:03

PLOT BY: \$\$...plotuser...\$\$ PLOT NAME: PLOT SCALE: 11.918136:1.000000

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

Background - Orange Message - Black

3. Message Series - C



PROJECT NO: 1000-54-72

HWY:STH 16

COUNTY: WAUKESHA

TEMPORARY SIGNING

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

SHEET NO:

FILE NAME : C:\CAEfiles\Projects\tr_d2\HickoryStFMS.DGN

PLOT DATE: 31-JAN-2018 16:36

PLOT SCALE: 10.738434:1.000000

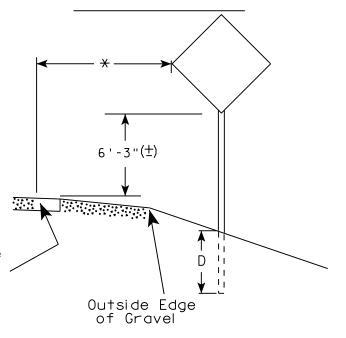
urban area

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

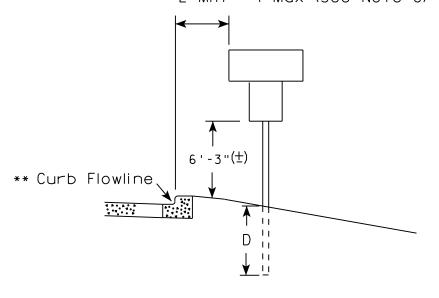
** Curb Flowline

D | White Edgeline Location

RURAL AREA (See Note 2)



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



White Edgeline
Location

Outside Edge
of Gravel

PLOT DATE: 21-AUG-2017 16:04

** 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.

POST EMBEDMENT DEPTH

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

* 6 feet from edge of a paved shoulder or 12 feet from the edge of pavement (edge line location) or 2 feet from outside edge of gravel, whichever is greater unless directed by project engineer.

GENERAL NOTES

- 1. Signs wider than 4 feet or 20 sq.ft or larger, shall be mounted on multiple posts. Refer to plate A4-4.
- 2. If signs are mounted on barrier wall, see A4-10 sign plate.
- 3. For expressways and freeways, mounting height is 7'- 3" (\pm) or 6'-3" (\pm) depending upon existence of a sub-sign.
- 4. J-Assemblies are considered to be one sign for mounting height.
- 5. Minimum mounting height for signs mounted on traffic signal poles is $5'-3''(\pm)$.
- 6. Offset distance shall be consistent with existing signs or consistent throughout length of project.
- 7. The (\pm) tolerance for mounting height is 3 inches.
- 8. Folding signs shall be mounted at a height of 5'-3'' (\pm) or as directd by the Engineer.
- 9. 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), 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" (±).

TYPICAL INSTALLATION
OF PERMANENT TYPE II
SIGNS ON SINGLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

Matther R Rauch

For State Traffic Engineer

DATE 8/21/17 PLATE NO. A4-3.21

SHEET NO:

PROJECT NO:

HWY:

COUNTY:

NTY:

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

PLOT SCALE : 100.601251:1.000000



NOTES: 1. ALL MATERIAL TO BE APPROVED

BY ENGINEER PRIOR TO INSTALLATION

- 2. SEE SIGN PLATE A4-8 FOR SIGN HARDWARE REQUIREMENTS
- 3. 18 INCH X 18 INCH SQUARE BOX-OUTS MAY BE USED FOR INSTALLATIONS IN EXISTING CONCRETE OR ASPHALT LOCATIONS.



ELEVATION VIEW

DETAIL OF STEEL 2 X 2 SIGN POST IN BOX-OUT



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

HWY:



PLAN VIEW

COUNTY:

FOR NEW CONCRETE/ASPHALT INSTALLATIONS

SIGN POST BOX-OUTS A4-3B

WISCONSIN DEPT OF TRANSPORTATION

For State Traffic Engineer

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

SHEET NO:

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

PROJECT NO:

PLOT DATE: 27-JAN-2014 09:48

PLOT NAME :

PLOT BY: mscsja

PLOT SCALE: 13.659812:1.000000

APPROVED

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'' (±) or 6'-3'' (±) depending upon existence of sub-sign.
- 4. The (±) tolerance for mounting height is 3 inches.
- 5. J-Assemblies are considered to be one sign for mounting height.
- 6. Offset distance shall be consistent with existing signs or consistent throughout length of project.
- 7. Folding signs shall be mounted at a height of 5'-3'' (\pm) 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.
- ** See A4-3 sign plate for signs 4' or less in width and less than 20 S.F. in area.

POST EMBEDMENT DEPTH

D
(Min)
4'
5'

WISCONSIN DEPT OF TRANSPORTATION APPROVED For State Traffic Engineer DATE 8/21/17 PLATE NO. <u>A4-4.15</u>





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

HWY:

SIGN SHAPE OTHER THAN (THREE POSTS REQUIR	
L	E
Greater than 108" to 144"	12''

COUNTY:

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

PROJECT NO:

PLOT DATE: 21-AUG-2017 15:54

PLOT SCALE: 108.188297:1.000000

WISDOT/CADDS SHEET 42

OF TYPE II SIGNS ON MULTIPLE POSTS

TYPICAL INSTALLATION

SHEET NO:

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



Two different fastening systems are shown for illustration purposes. On any individual sign, either one or the other system shall be used. Actual number of fasteners per sign varies with the sign area, but normally there are two. For a single post installation, all signs greater than 9 sq. ft. require the use of 3 fasteners.

ATTACHMENT OF SIGNS
TO POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

Nather R Raw
For State Traffic Engineer

DATE <u>8/11/16</u>

PLATE NO. <u>44-8.8</u>

PROJECT NO:

FILE NAME : C:\CAFfiles\Projects\tr stdplote\A48 DCN

PLOT DATE . 11-416-2016 11:35

PINT RY * \$\$ nintuser \$\$

SHEET NO:

| | |



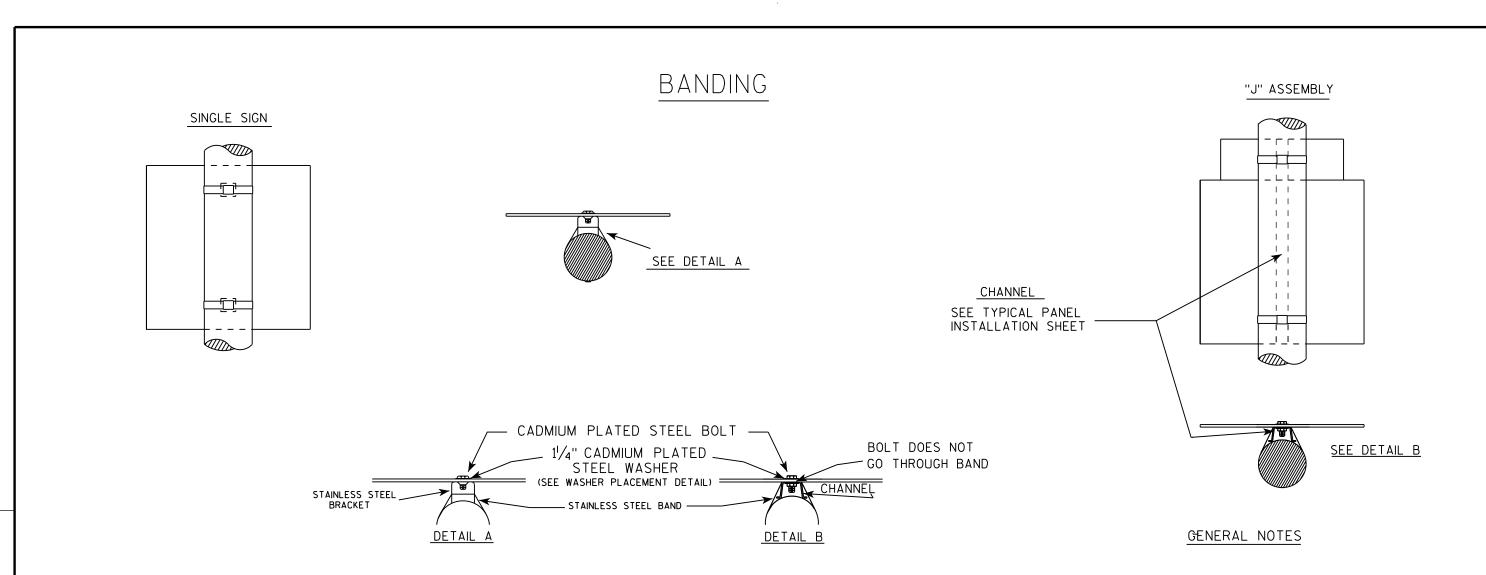
PROJECT NO: HWY: COUNTY: SHEET NO: FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A49.DGN PLOT DATE: 05-FEB-2015 17:09 PLOT BY: mscsja PLOT NAME : PLOT SCALE: 13.659812:1.000000

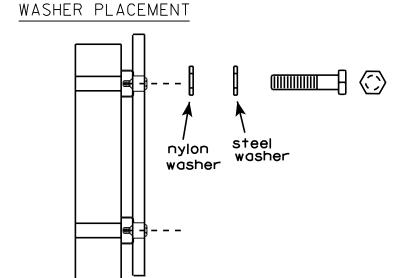
DATE 2/05/15

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

For State Traffic Engineer







HWY:

WASHERS (ALL POSTS) -

COUNTY:

1-1/4" O.D. X3/8" I.D. X1/16" STEEL 1-1/4" O.D. X3/8" I.D. X .080 NYLON FOR ALL TYPE H SIGNS

PLOT BY: mscsja

- 1. Any sign over 3 feet in width shall use the V-Block banding method. See A5-10 standard plate.
- 2. Signs 3 feet or greater in height shall have three bracket bands installed. Signs less than 3 feet in height shall have two bracket bands installed.
- 3. Banding and assembly bracket shall be stainless steel. All bands shall be $\frac{3}{4}$ " in width and 0.025" thickness.

STANDARD SIGN SIGN BANDING DETAILS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

DATE 8/16/13

SHEET NO:

State Traffic Engineer

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A59.DGN

PROJECT NO:

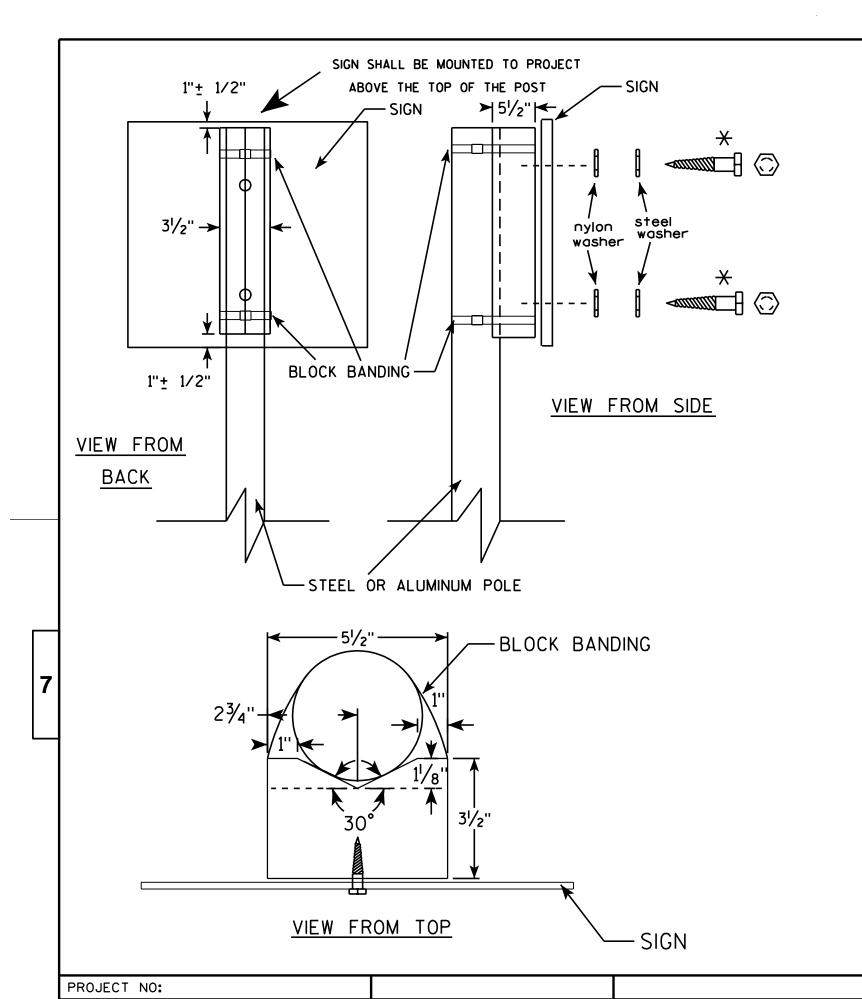
PLOT DATE: 16-AUG-2013 13:27

PLOT NAME :

PLOT SCALE: 33.740899:1.000000

WISDOT/CADDS SHEET 42

PLATE NO. A5-9.3



GENERAL NOTES

- 1. WOOD 4"X6" POST MATERIAL SHALL CONFORM TO 507.2.2 OF THE WISDOT STANDARD SPECIFICATIONS
- 2. BLOCK BANDING AND CLIPS SHALL BE STAINLESS STEEL, 3/4" WIDTH AND 0.025" THICKNESS
- 3. SIGNS 3' OR GREATER IN HEIGHT SHALL UTILIZE 3 BLOCK BANDS.

 SIGNS UNDER 3' IN HEIGHT SHALL UTILIZE 2 BLOCK BANDS
- 4. ACTUAL NUMBER OF FASTENERS PER SIGN VARIES WITH THE SIGN AREA, BUT NORNALLY THERE ARE TWO. FOR SIGNS GREATER THAN 9 S.F. 3 FASTENERS SHALL BE USED.
- 5. ALL SIGN MOUNTING BOLTS AND WASHERS SHALL BE EITHER:
 - a. Hot dip or mechanically galvanized in accordance with ASTM Designation: A 153, Class D, or
 - b. Cadmium plated in accordance with ASTM Designation: B 766 TYPE 3, Class 12, or
 - c. Electro-galvanized in accordance with ASTM Designation: B 633, TYPE III, SC 3.
- 6. ALL BOLTS SHALL HAVE HEXAGONAL HEADS.
- 7. STEEL WASHERS SHALL BE 11/4" O.D. X 3/8" I.D. X 1/16"
- 8. NYLON WASHERS SHALL BE $1^{1}/_{4}$ " O.D. X $3/_{8}$ " I.D. X .080 FOR TYPE H OR TYPE F FACE SIGN

X LAG BOLTS SHALL BE 3/8" X 21/2"

BLOCK BANDING DETAIL
(V-BLOCK OPTION)

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

APPROVED

For State Traffic Engineer

DATE 7/12/07

PLATE NO. A5-10.1

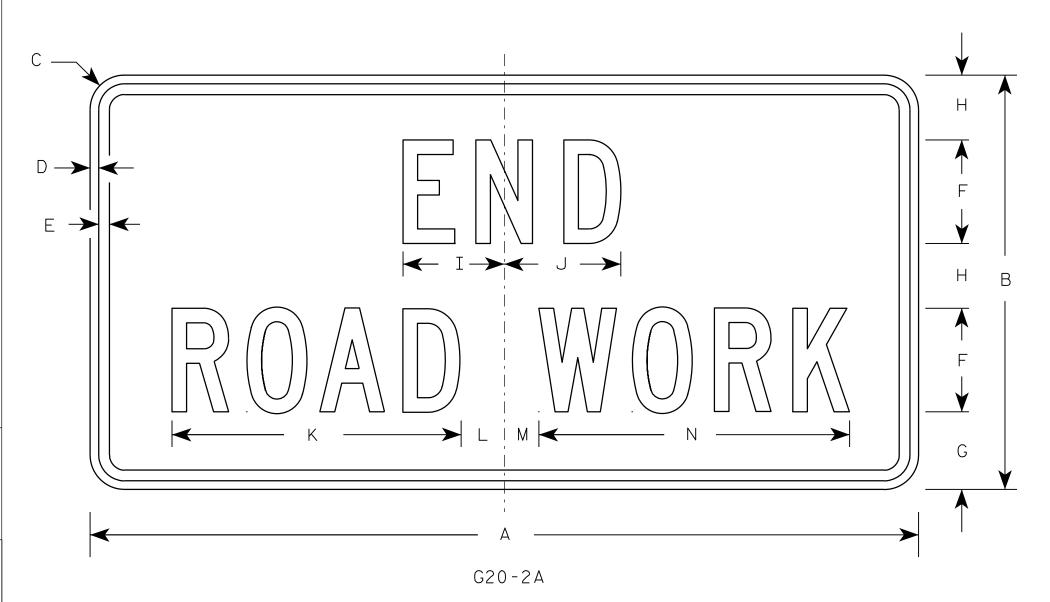
SHEET NO:

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

2. Color:

Background - Orange Message - Black

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



Metric equivalent for this sign is:

SIZE	Α	В	С	D	E	F	G	Н	I	J	К	L	М	N	0	Р	Q	R	S	T	U	٧	W	Х	Y	Z	Area sq. ft.	Area m2
1	36	18	1 1/8	3/8	1/2	4	3 3/4	2 1/2	4 1/8	4 1/8	11 1/8	2	1	12 1/8													4.5	0.41
2	48	24	1 1/2	1/2	5/8	6	4 1/2	3 3/4	5 %	6 3/4	16 ¾	2 1/2	1 3/4	18 ½													8.0	0.72
3	48	24	1 1/2	1/2	5/8	6	4 1/2	3 3/4	5 %	6 3/4	16 ¾	2 1/2	1 3/4	18 ½													8.0	0.72
4	48	24	1 1/2	1/2	5/8	6	4 1/2	3 3/4	5 %	6 3/4	16 ¾	2 1/2	1 3/4	18 ½													8.0	0.72
5	48	24	1 1/2	1/2	5/8	6	4 1/2	3 3/4	5 1/8	6 3/4	16 ¾	2 1/2	1 3/4	18 ½													8.0	0.72

COUNTY:

STANDARD SIGN G20-2A

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

AP

for State Traffic Engineer

DATE 9/30/09 PLATE NO. G20-2A.8

SHEET NO:

FILE NAME : C:\Users\PROJECTS\tr_stdplate\G202A.DGN

HWY:

PROJECT NO:

PLOT DATE: 30-SEP-2009 09:31

PLOT BY : ditjph

PLOT NAME :

PLOT SCALE : 5.561773:1.000000

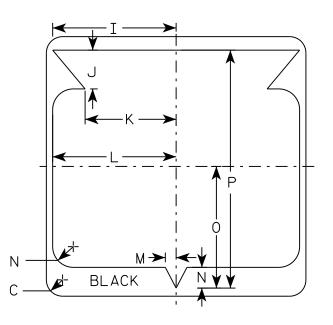
5.561773:1.000000 WISDOT/CADDS SHEET 42

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

Background - White Message - Black

- 3. Message Series D except 3 number signs 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.

	G F A H H
A A	
M1-6	1



SIZE	Α	В	С	D	E	F	G	Н	I	J	K	L	М	N	0	Р	Q	R	S	Т	U	٧	W	Х	Y	Z	Area sq. ft.
1																											
2	24		1 1/2			12	5 1/2	6 1/2	10 1/4	2 1/2	8 1/8	11 1/2	1	1 1/8	11 1/4	21 1/8											4.0
3	36		2 1/4			18	8 3/4	9 1/4	15	5	12 5/8	17 1/8	1 1/2	2 1/8	16 1/8	33											9.0
4	36		2 1/4			18	8 3/4	9 1/4	15	5	12 5/8	17 1/8	1 1/2	2 1/8	16 1/8	33											9.0
5	36		2 1/4			18	8 3/4	9 1/4	15 ¾	5	12 5/8	17 1/8	1 1/2	2 1/8	16 1/8	33											9.0

COUNTY:

STATE ROUTE MARKER M1-6 FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

for State Traffic Engineer

DATE 3/16/18

PLATE NO. <u>M1-6.10</u>

SHEET NO:

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\M16.DGN

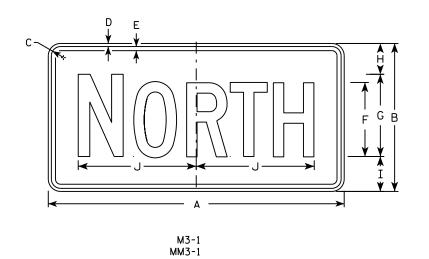
HWY:

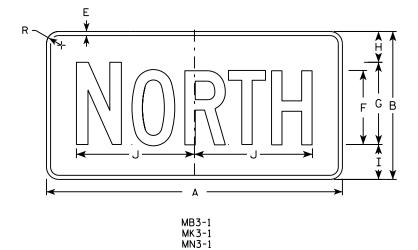
PROJECT NO:

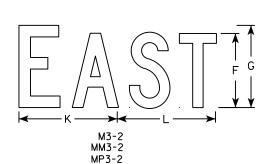
PLOT DATE: 16-MAR-2018 14:11

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

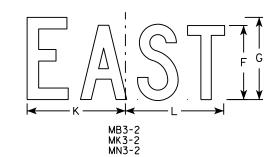
PLOT SCALE : 6.655277:1.000000

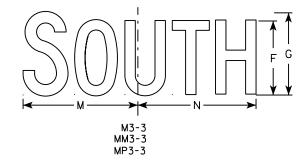


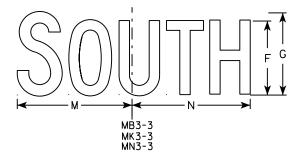


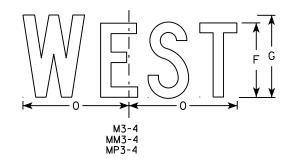


MP3-1

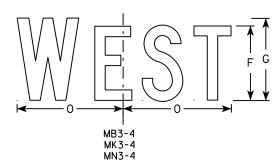








HWY:



NOTES

- 1. All Signs Type II Type H
- 2. Color:

Background - See note 5 Message - See note 5

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

5. M3-1 thru M3-4 Background - White Message - Black

MB3-1 thru MB3-4 Background - Blue

Message - White

MK3-1 thru MK3-4 Background - Green

Message - White

MM3-1 thru MM3-4 Background - White

Message - Green

MN3-1 thru MN3-4 Background - Brown

Message - White

MP3-1 thru MP3-4 Background - White

Message - Blue

6. Note the first letter of each direction is larger than the remainder of the message.

SIZE	Α	В	С	D	E	F	G	Н	I	J	К	L	М	N	0	Р	0	R	S	Т	U	V	W	Х	Y	Z	Area sq. ft.
1																											
2	24	12	1 1/8	3/8	3/8	6	7	2 1/4	2 3/4	10 1/4	7 1/8	8 3/8	10 1/4	9 3/4	8 3/4			1 1/2									2.00
3	36	18	1 1/8	3/8	1/2	9	10	3 3/4	4 1/4	14 3/8	12	12 1/8	14	14 1/8	13			1 1/2									4.5
4	36	18	1 1/8	3/8	1/2	9	10	3 3/4	4 1/4	14 3/8	12	12 1/8	14	14 1/8	13			1 1/2									4.5
5	36	18	1 1/8	3/8	1/2	9	10	3 3/4	4 1/4	14 3/8	12	12 1/8	14	14 1/8	13			1 1/2									4.5

COUNTY:

STANDARD SIGNS M3-1 thur M3-4 **SERIES**

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

DATE 10/15/15 PLATE NO. M3-1.14

Ε

SHEET NO:

FILE NAME · C·\CAFfiles\Projects\tr stdnlote\M31 DCN

PROJECT NO:

PLOT DATE . 01-DEC-2015 17:54

PLOT RY . \$\$ plotuser \$\$ PLOT NAME :

PLOT SCALE . 11 675051.1 000000

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

Background - Orange Message - Black

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

) A G	
	;
→ G →	
Y	

Α С E F G H I J S Х Z D 0 10 10 1/4 1 1/8 3/8 3/8 24 2.0 3 36 1 1/8 3/8 1/2 4 1/2 14 5/8 14 1/2 4.5 4 5

COUNTY:

STANDARD SIGN M4-8

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

DATE 11/10/10 PLATE NO. M4-8.2

SHEET NO:

FILE NAME : C:\Users\PROJECTS\tr_stdplate\M48.DGN

PROJECT NO:

HWY:

PLOT DATE: 10-NOV-2010 13:18

PLOT BY : ditjph

PLOT SCALE : 4.767

PLOT NAME :

PLOT SCALE: 4.767233:1.000000

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

2. Color:

Background - Orange Message - Black

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

 $D \longrightarrow$ Н M4-8A

SIZE	Α	В	С	D	E	F	G	Н	I	J	K	L	М	N	0	Р	0	R	S	Т	U	٧	w	Х	Y	Z	Area sq. ft.
$\parallel 1 \parallel$																											
2	24	18	1 1/8	3/8	1/2	6	2	2	4 3/4	9 3/4																	3.0
3	30	24	1 1/8	3/8	1/2	8	2 1/2	3	6 3/4	13																	5.0
4																											
5				·	·						·				·												

COUNTY:

STANDARD SIGN M4-8A

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

Matther

For State Traffic Engineer DATE 3/9/11

PLATE NO. M4-8A.2

SHEET NO:

FILE NAME : C:\Users\PROJECTS\tr_stdplate\M48A.DGN

HWY:

PROJECT NO:

PLOT DATE: 09-MAR-2011 10:29

PLOT BY: mscj9h

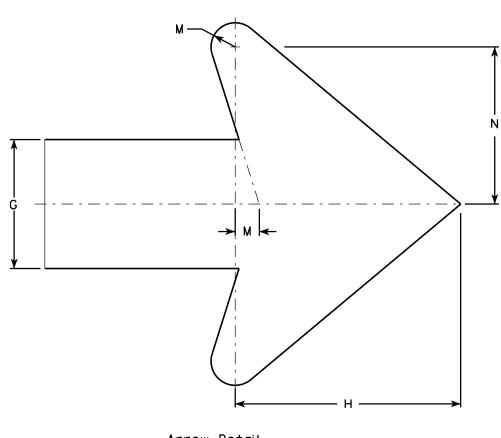
PLOT NAME :

PLOT SCALE: 3.972696:1.000000

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

Background - Orange Message - Black

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



Arrow Detail

PLOT NAME :

w x	Y Z Ar
	5.0
	12.
	12.

COUNTY:

M4-9R

STANDARD SIGN M4-9 R & L

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

Matthew R

For State Traffic Engineer

DATE 3/9/11 PLATE NO. M4-9R.4

SHEET NO:

FILE NAME : C:\Users\PROJECTS\tr_stdplate\M49R.DGN

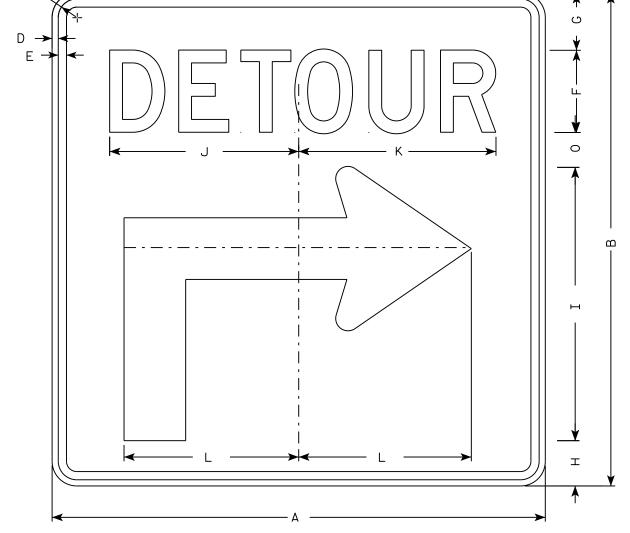
HWY:

PROJECT NO:

PLOT DATE: 09-MAR-2011 11:17

PLOT BY: mscj9h

PLOT SCALE: 5.959043:1.000000



M4-59R

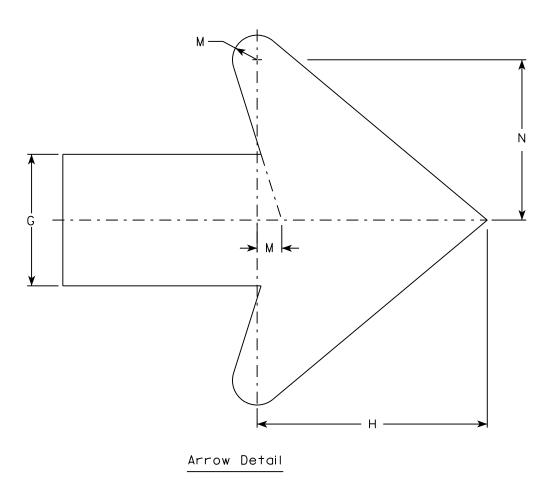
HWY:

NOTES

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

Background - Orange Message - Black

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



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

COUNTY:

STANDARD SIGN M4-59 L&R

WISCONSIN DEPT OF TRANSPORTATION

SHEET NO:

APPROVED

Far State Traffic Engineer

DATE 11/10/15

PLATE NO. M4-59.1

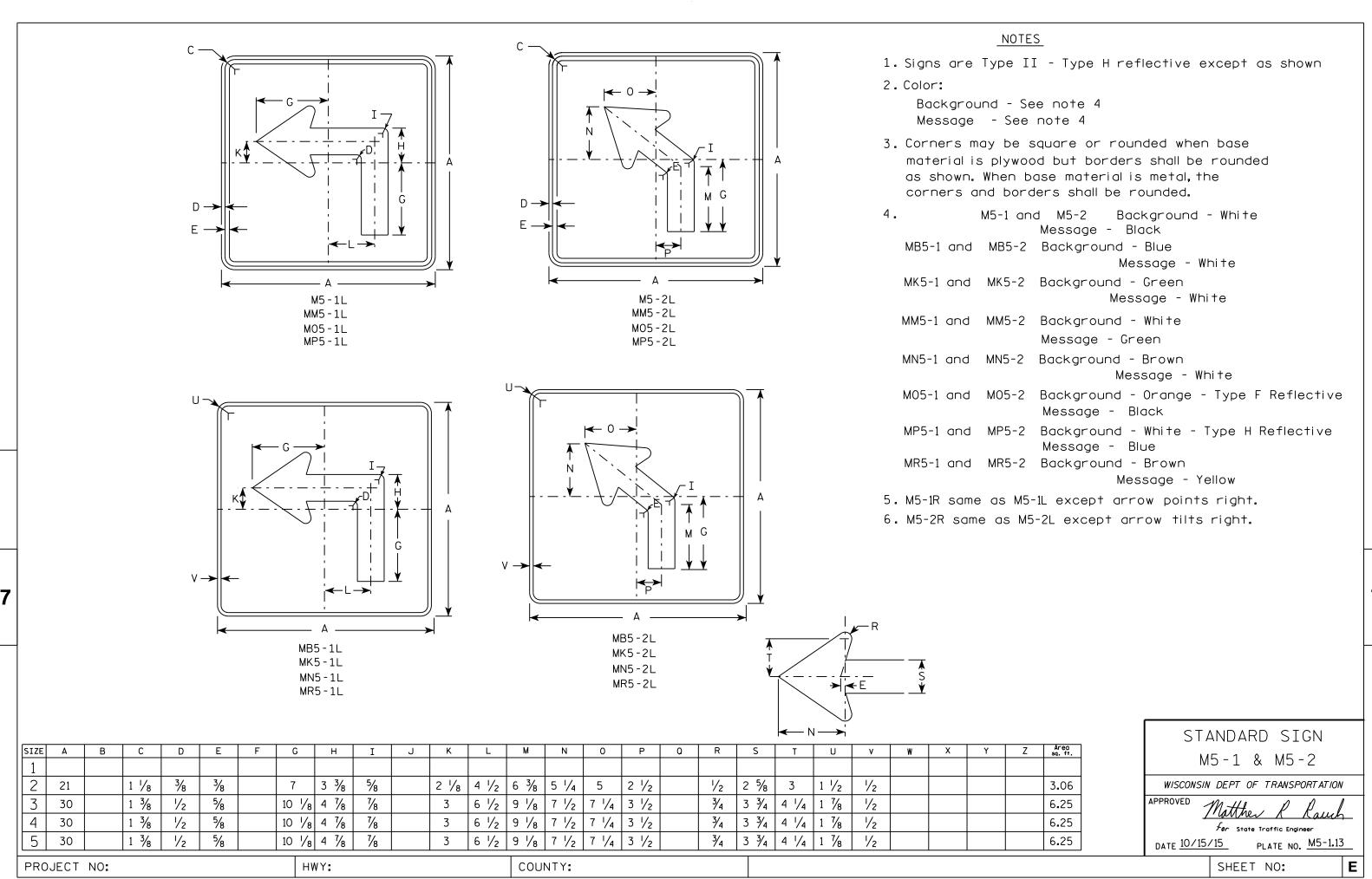
FILE NAME · C·\CAFfiles\Projects\tr stdolote\M459 NGN

PROJECT NO:

PLOT DATE . 01-DEC-2015 18:05

PINT RY . \$\$ DIOTUSET \$\$ PINT NAMF :

PLOT SCALE . 5 837526.1 000000

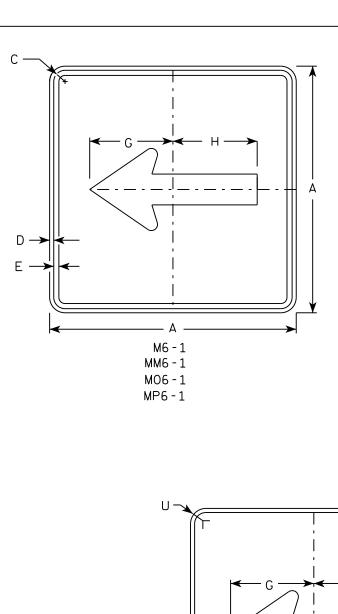


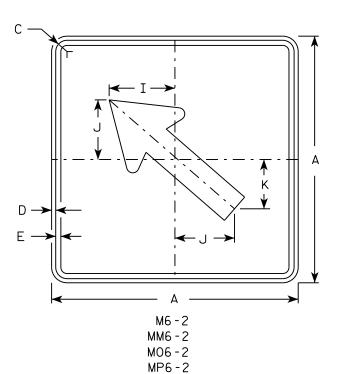
FILE NAME . C.\CAFfiles\Projects\tr stdolote\M51 DCN

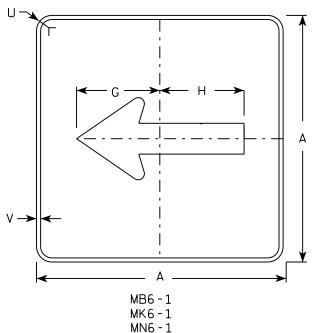
PLOT DATE . 01-DEC-2015 18:07

PINT RY . \$\$ DIOTUSET \$\$ PINT NAMF :

PLOT SCALE . 11 675051.1 000000

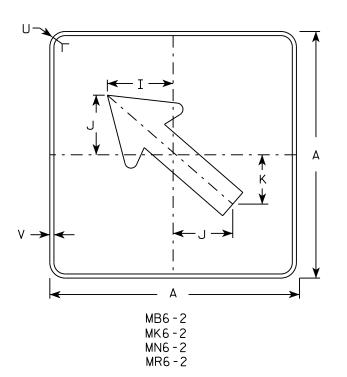






MR6-1

HWY:



NOTES

- 1. Signs are Type II Type H except as Shown
- 2. Color:

Background - See note 4 Message - See note 4

- 3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
- 4. M6-1 and M6-2 Background White

Message - Black

MB6-1 and MB6-2 Background - Blue

Message - White

MK6-1 and MK6-2 Background - Green

Message - White

MM6-1 and MM6-2 Background - White

Message - Green

MN6-1 and MN6-2 Background - Brown

Message - White

M06-1 and M06-2 Background - Orange - Type F Reflective

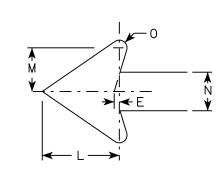
Message - Black

MP6-1 and MP6-2 Background - White

Message - Blue

MR6-1 and MR6-2 Background - Brown

Message - Yellow



SIZE	Α	В	С	D	E	F	G	Н	I	J	K	L	М	N	0	Р	٥	R	S	T	U	٧	W	Х	Y	Z	Area sq. ft.
1 1																											
2	21		1 1/8	3/8	3/8		7 1/2	7 1/8	5 %	5	4 1/4	5 1/4	3	2 %	1/2						1 1/2	1/2					3.06
3	30		1 3/8	1/2	5/8		10 3/4	10 1/4	8	7 1/4	6	7 1/2	4 1/4	3 3/4	3/4						1 1/8	1/2					6.25
4	30		1 3/8	1/2	5/8		10 3/4	10 1/4	8	7 1/4	6	7 1/2	4 1/4	3 3/4	3/4						1 1/8	1/2					6.25
5	30		1 3/8	1/2	5/8		10 3/4	10 1/4	8	7 1/4	6	7 1/2	4 1/4	3 3/4	3/4						1 1/8	1/2					6.25

COUNTY:

STANDARD SIGN M6-1 & M6-2 SERIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

Matthew & Rawl For State Traffic Engineer

Ε

DATE 10/15/15 PLATE NO. M6-1.15

SHEET NO:

FILE NAME · C·\CAFfiles\Projects\tr stdplote\M61 DCN

PROJECT NO:

PLOT DATE . 01-DEC-2015 17:57

PIOT RY . \$\$ plotuser \$\$ PIOT NAMF :

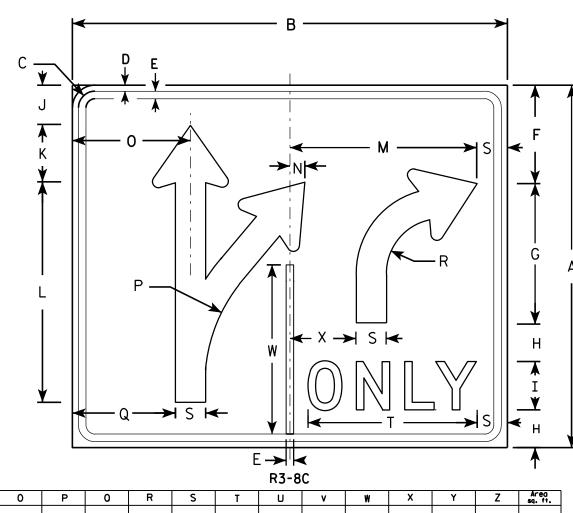
PLOT SCALE . 11 675051.1 000000



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

Background - WHITE Message - BLACK

- 3. Message Series D
- 4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
- 5. R3-8B & R3-8C is the same but reversed.



↑	
<u> </u>	
ARROW DETAIL	

R3-8B

HWY:

SIZE	Α	В	С	D	E	F	G	Н	I	J	K	L	M	N	0	Р	0	R	S	T	U	٧	W	X	Y	Z	Area sq. ft.
1																											
2S	30	36	1 3/8	1/2	5/8	8 1/8	11 5/8	3 1/8	4	3 1/4	4 3/4	18 1/4	15 1/2	1 1/4	9 3/4	13 1/4	8 1/2	4 1/2	2 1/2	14	2 %	3/8	14	5 1/4			7.5
2M	30	36	1 3/8	1/2	5/8	8 1/8	11 %	3 1/8	4	3 1/4	4 3/4	18 1/4	15 1/2	1 1/4	9 ¾	13 1/4	8 1/2	4 1/2	2 1/2	14	2 %	3/8	14	5 1/4			7.5
3																											
4	48	54	2 1/4	3/4	1	13 1/4	18 1/2	5 1/8	6	5 1/4	7 1/8	29 %	23 1/8	1 1/8	14 %	21 1/8	12 3/4	7 1/4	3 3/4	20 %	4	5/8	22 3/8	8 1/8			18.0
5	48	54	2 1/4	3/4	1	13 1/4	18 1/2	5 1/8	6	5 1/4	7 ½	29 %	23 1/8	1 1/8	14 5/8	21 1/8	12 3/4	7 1/4	3 3/4	20 %	4	5/8	22 3/8	8 1/8			18.0

COUNTY:

STANDARD SIGN R3-8B & R3-8C

WISCONSIN DEPT OF TRANSPORTATION

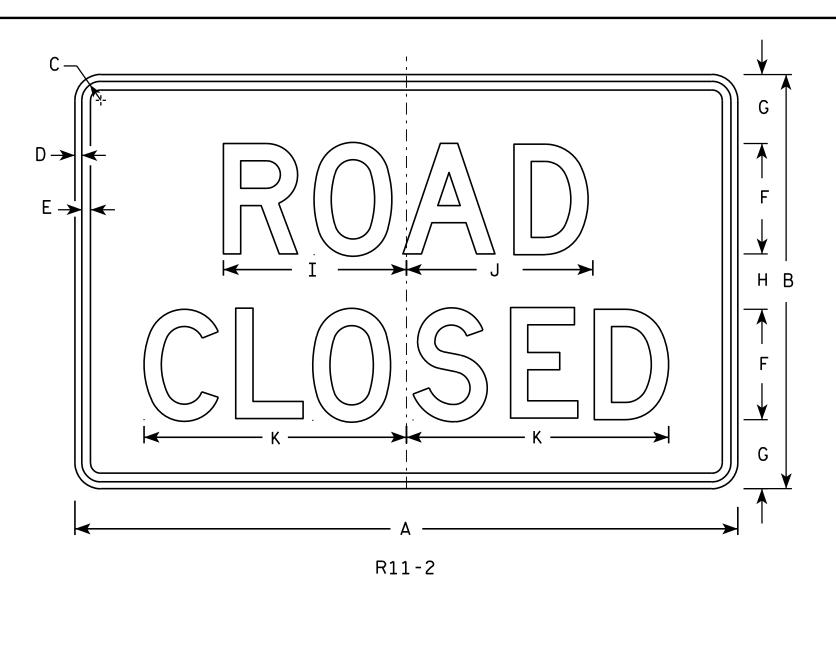
APPROVED

For State Traffic Engineer

DATE 3/18/2011 PLATE NO. R3-8B.2

SHEET NO:

PLOT BY: mscs id PLOT NAME: PLOT SCALE: 7

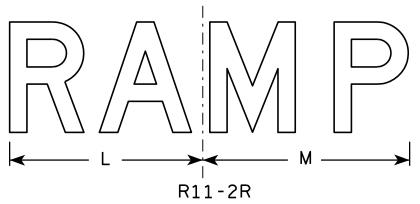


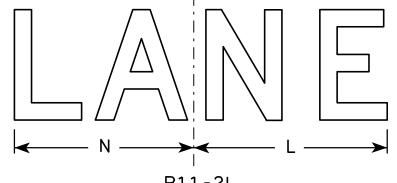
<u>NOTES</u>

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

Background - White Message - Black

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





R	1	1	-	2	L

PLOT NAME :

SIZ	Έ	A	В	С	D	Ε	F	G	Н	I	J	K	L	M	N	0	Р	0	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																												
2	S	48	30	1 3/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13													10.0
21	I	48	30	1 3/8	1/2	5/8	8	5	4	13 1/4	13 ½	19	14	15	13													10.0
3		48	30	1 3/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13													10.0
4		48	30	1 3/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13													10.0
5		48	30	1 3/8	1/2	5/8	8	5	4	13 1/4	13 ½	19	14	15	13													10.0

COUNTY:

STANDARD SIGN R11-2

WISCONSIN DEPT OF TRANSPORTATION

DATE 4/1/11 PLATE NO. R11-2.10

SHEET NO:

HWY:



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

Background - White Message - Black

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

R11-3 ** See Note 5

SIZE A В С D Е G 5/8 1 3/8 1/2 1 1/8 | 15 1/4 | 8 10 3/4 8 3/8 4 3/4 6 3/4 36 18 4 3 2 1/2 2 2 11 1/8 6 1/2 2 7 1/8 4.5 1/2 17 3/8 13 1/8 30 $1\frac{3}{8}$ 5/8 4 1/4 3 3/8 16 5/8 1 1/2 23 | 13 1/4 | 1 3/4 3 1/2 11 1/8 12.5 6 10 11 2M 4 1/4 3 3/8 16 5/8 1 1/2 23 | 13 1/4 | 1 3/4 30 17 3/8 13 1/8 10 3 1/2 12.5 3 4 5

COUNTY:

STANDARD SIGN R11-3

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

Matthew R Rauch DATE 3/15/17 PLATE NO. R11-3.8

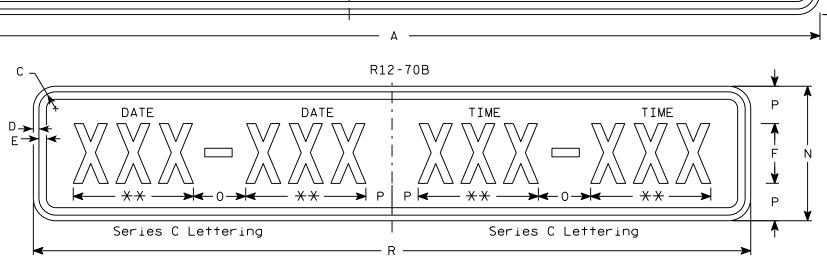
SHEET NO:

HWY:

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

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 message



											R12-70) C														Г	240 70	T 200 700
												,																R12-70C
SIZE	Α	В	С	D	E	F	G	Н	I	J	К	L	М	N	0	Р	Q	R	S	Т	U	V	W	X	Y	Z	Area sq. ft.	Area sq. ft.
1																												
2S	90	36	2 1/4	1/2	5/8	6	4	5	20 %	28 ¾	24 %	8 1/8	12	12	6	3		66									22.5	5.5
2M	90	36	2 1/4	1/2	5/8	6	4	5	20 1/8	28 %	24 %	8 1/8	12	12	6	3		66									22.5	5 . 5
3																												
4	114	42	2 1/4	3/4	1	8	5	4	34	42	39	13	14	18	7	3 1/2		96									36.75	12.0
5	114	42	2 1/4	3/4	1	8	5	4	34	42	39	13	14	18	7	3 1/2		96									36.75	12.0

COUNTY:

TYPICAL SIGN R12-70B

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

L. State Traffic Engine

SHEET NO:

DATE <u>11/10/15</u>

5 PLATE NO. R12-70B.3

PROJECT NO:

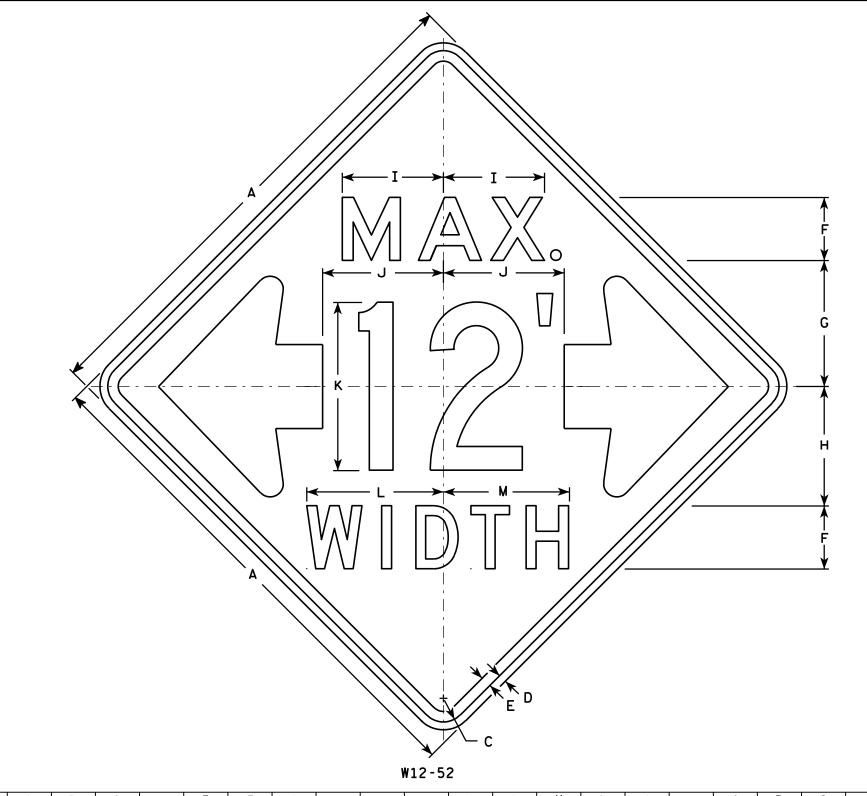
FILE NAME · C·\CAFfiles\Projects\tr stdblote\R1270R DGN

HWY:

PLOT DATE • 01-DEC-2015 18•10

PINT RY . \$\$ DIOTUSER \$\$ PINT NAMF :

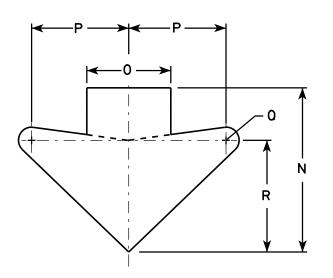
PLOT SCALE . 12 842555.1 000000



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

Background - Orange Message - Black

- 3. Message Series See note 5
- 4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
- 5. 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

CT TE			T					ш			1/		1.4	_ A.	_		_		_					· ·	·	7	Area
SIZE	Α	В	L	ט	-	F	G	Н	l I	J	K	L	M	N	U	P	U	R	>	1	U	V	W	X	T		Area sq. ft.
1																											
25	48		2 1/4	₹4	1	6	12	11 3/8	9 %	11 1/2	16	13	12	15 %	8	9 1/4	1 1/4	10 %									16.0
2M	48		2 1/4	₹4	1	6	12	11 3/8	9 %	11 1/2	16	13	12	15 5/8	8	9 1/4	1 1/4	10 %									16.0
3																											
4																											
5																											

COUNTY:

STANDARD SIGN W12-52

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

For State Traffic Engineer

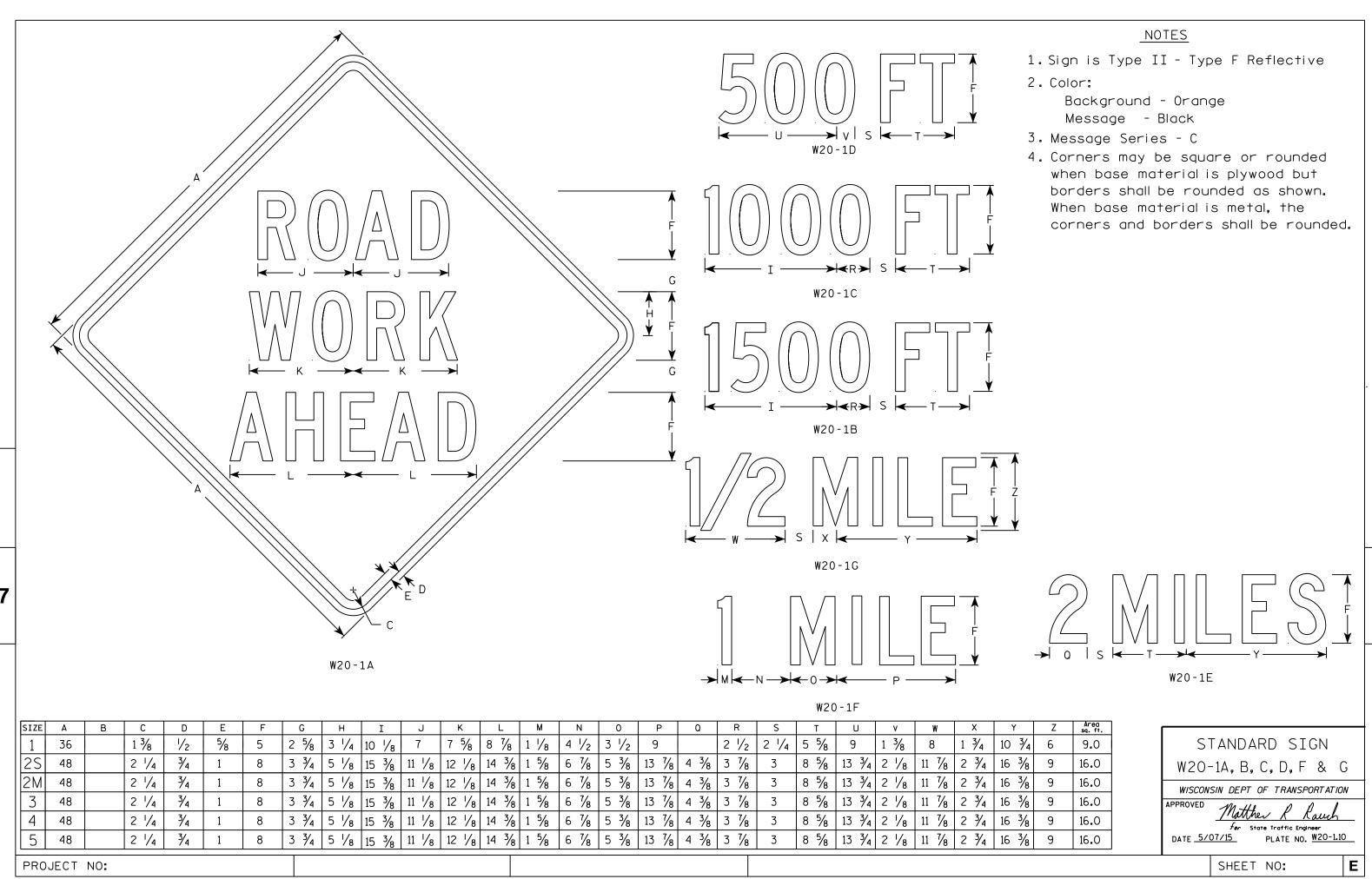
DATE 3/16/11 PLATE NO. W12-52.7

SHEET NO:

HWY:

PROJECT NO:

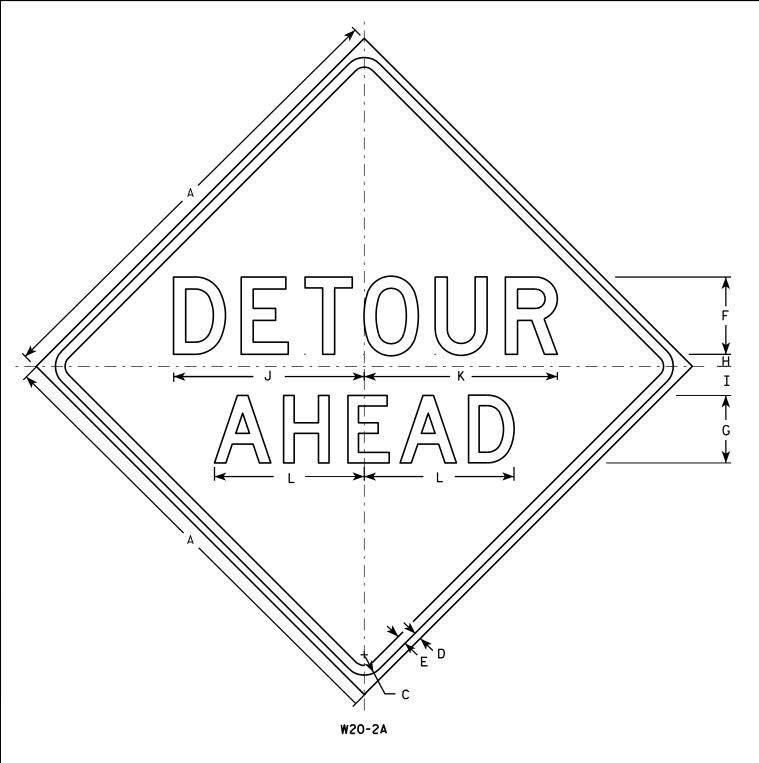
PLOT NAME :



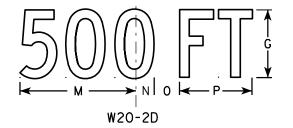
FILE NAME . C.\CAFfiles\Projects\tr stdolote\W201 DCN

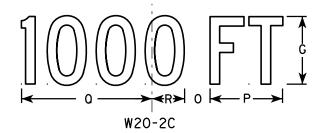
PLOT DATE . 01-DEC-2015 18.24

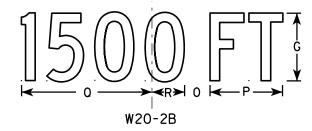
PIOT RY * \$\$ plotuser \$\$

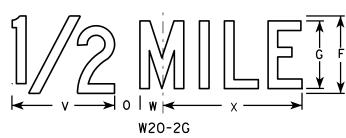


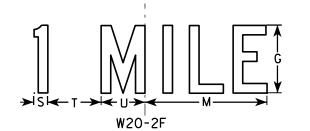
HWY:











PLOT BY: mscj9h

NOTES

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

Background - Orange Message - Black

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

SIZ	E	Α	В	С	D	E	F	G	Н	I	J	K	L	М	N	0	Р	0	R	S	T	U	٧	W	X	Y	Z	Area sq. ft.
1		36		1 %	5/8	3/4	6	5	1	2 1/4	14 ¾	15	11 5/8	9	1 3/8	1 %	5 %	10 1/8	2 1/2	1 1/8	4 1/2	3 1/2	8	1 3/4	10 3/4			9.0
25	5 -	48		2 1/4	3/4	1	8	7	1 1/4	3	19 ¾	20	15 1/2	12	1 1/8	2 %	7 1/2	13 1/2	3 %	1 1/2	6	4 %	10 %	2 3/8	14 3/8			16.0
21	√	48		2 1/4	₹4	1	8	7	1 1/4	3	19 ¾	20	15 1/2	12	1 1/8	2 %	7 1/2	13 1/2	3 %	1 1/2	6	4 %	10 %	2 3/8	14 3/8			16.0
3		48		2 1/4	₹4	1	8	7	1 1/4	3	19 ¾	20	15 1/2	12	1 1/8	2 %	7 1/2	13 1/2	3 %	1 1/2	6	4 %	10 %	2 3/8	14 3/8			16.0
4	'	48		2 1/4	¾	1	8	7	1 1/4	3	19 ¾	20	15 1/2	12	1 1/8	2 5/8	7 1/2	13 1/2	3 %	1 1/2	6	4 %	10 %	2 3/8	14 3/8			16.0
5	'	48		2 1/4	₹4	1	8	7	1 1/4	3	19 ¾	20	15 1/2	12	1 1/8	2 %	7 1/2	13 1/2	3 %	1 1/2	6	4 %	10 %	2 3/8	14 3/8			16.0

COUNTY:

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

WISCONSIN DEPT OF TRANSPORTATION

James Tourist Tourist

SHEET NO:

W20-53F

PLOT BY: mscj9h

NOTES

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

Background - Orange Message - Black

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

SIZE	Α	В	С	D	E	F	G	Н	I	J	К	L	М	N	0	Р	0	R	S	T	U	V	W	X	Y	Z	Areo sq. ft.
1	36		1 5/8	5/8	3/4	5	3 3/8	3 ½	1 1/8	4	9 1/4	9 1/4	12 1/2	11	9	6	10 1/8	2 1/2	1 1/8	5 %	8	1 3/8	4 1/2	3 ½	10 ¾	1 3/4	9.0
2S	48		2 1/4	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	12 1/8	12 1/8	17 1/4	14 %	12	8	13 1/2	3	2 %	7 1/2	10 %	1 1/8	6	4 5%	14 3/8	2 3/8	16.0
2M	48		2 1/4	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	12 1/8	12 1/8	17 1/4	14 %	12	8	13 1/2	3	2 %	7 1/2	10 %	1 1/8	6	4 %	14 3/8	2 3/8	16.0
3	48		2 1/4	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	12 1/8	12 1/8	17 1/4	14 %	12	8	13 1/2	3 3/8	2 %	7 1/2	10 %	1 1/8	6	4 %	14 3/8	2 3/8	16.0
4	48		2 1/4	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	12 1/8	12 1/8	17 1/4	14 %	12	8	13 1/2	3	2 %	7 1/2	10 %	1 1/8	6	4 %	14 3/8	2 3/8	16.0
5	48		2 1/4	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	12 1/8	12 1/8	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 %	1 1/8	6	4 5/8	14 3/8	2 3/8	16.0

COUNTY:

W20-53A

HWY:

STANDARD SIGN W20-53A,B,C,D,F,G

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

Matthew R Rauch

For State Traffic Engineer

DATE 5/27/15 PLATE NO. W20-53.1

SHEET NO:

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\W2053.DGN

PROJECT NO:

PLOT DATE: 27-MAY-2015 19:40

PLOT NAME :

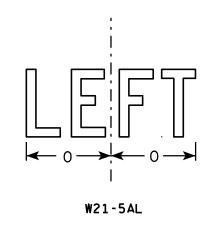
PLOT SCALE : 9.729210:1.000000

NOTES

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

Background - Orange Message - Black

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



SHOULDER -
E D

W21	- 5 ^
W / I	- ¬ Δ

SIZE	Α	В	С	D	E	F	G	Н	I	7	K	L	М	N	0	Р	0	R	S	Т	U	٧	W	X	Y	Z	Area sq. ft.
1	36		1 %	5/8	3/4	5	3 3/8	3 ½	4	7 %	7 3/4	14 1/4	10 1/4	10 1/8	6 1/4												9.0
2S	48		2 1/4	3/4	1	7	4 1/2	4 3/4	5 1/4	11	10 1/8	20	14 3/8	14 1/4	8 3/4												16.0
2M	48		2 1/4	3/4	1	7	4 1/2	4 3/4	5 1/4	11	10 1/8	20	14 3/8	14 1/4	8 3/4												16.0
3	48		2 1/4	3/4	1	7	4 1/2	4 3/4	5 1/4	11	10 1/8	20	14 3/8	14 1/4	8 3/4												16.0
4	48		2 1/4	3/4	1	7	4 1/2	4 3/4	5 1/4	11	10 1/8	20	14 3/8	14 1/4	8 3/4												16.0
5	48		2 1/4	3/4	1	7	4 1/2	4 3/4	5 1/4	11	10 %	20	14 3/8	14 1/4	8 3/4												16.0
PRO.	JECT	NO:					Н\	VY:					COL	NTY:													

STANDARD SIGN W21-5A

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

 f_{or} State Traffic Engineer

DATE 3/21/11

PLATE NO. W21-5A.3

SHEET NO:

FILE NAME : C:\Users\PROJECTS\tr_stdplate\W215A.DGN

PLOT DATE: 21-MAR-2011 09:02

PLOT NAME :

PLOT BY: mscj9h

PLOT SCALE: 9.931739:1.000000

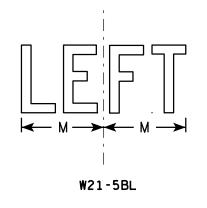
WISDOT/CADDS SHEET 42

<u>NOTES</u>

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

Background - Orange Message - Black

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



SHOULDER CLOSED FROM CLOSED FR	

W21-5B

SIZE	Α	В	С	D	E	F	G	Н	I	J	К	L	М	N	0	Р	0	R	S	Т	U	٧	W	Х	Y	Z	Area sq. ft.
1	36		1 5/8	5/8	3/4	5	2 1/4	7 3/8	14 1/4	10 1/4	10 1/8	8 %	6 1/4														9.0
2S	48		2 1/4	3/4	1	7	3	9 %	19 1/2	14 3/8	14 1/4	12 1/2	8 1/2														16.0
2M	48		2 1/4	3/4	1	7	3	9 %	19 1/2	14 3/8	14 1/4	12 1/2	8 1/2														16.0
3	48		2 1/4	3/4	1	7	3	9 %	19 1/2	14 3/8	14 1/4	12 1/2	8 1/2														16.0
4	48		2 1/4	3/4	1	7	3	9 %	19 1/2	14 3/8	14 1/4	12 1/2	8 1/2														16.0
5	48		2 1/4	3/4	1	7	3	9 %	19 1/2	14 3/8	14 1/4	12 1/2	8 1/2														16.0
PRO	JECT	NO:					Н\	VY:					coul	NTY:													

STANDARD SIGN W21-5B

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

Matther R Rauch

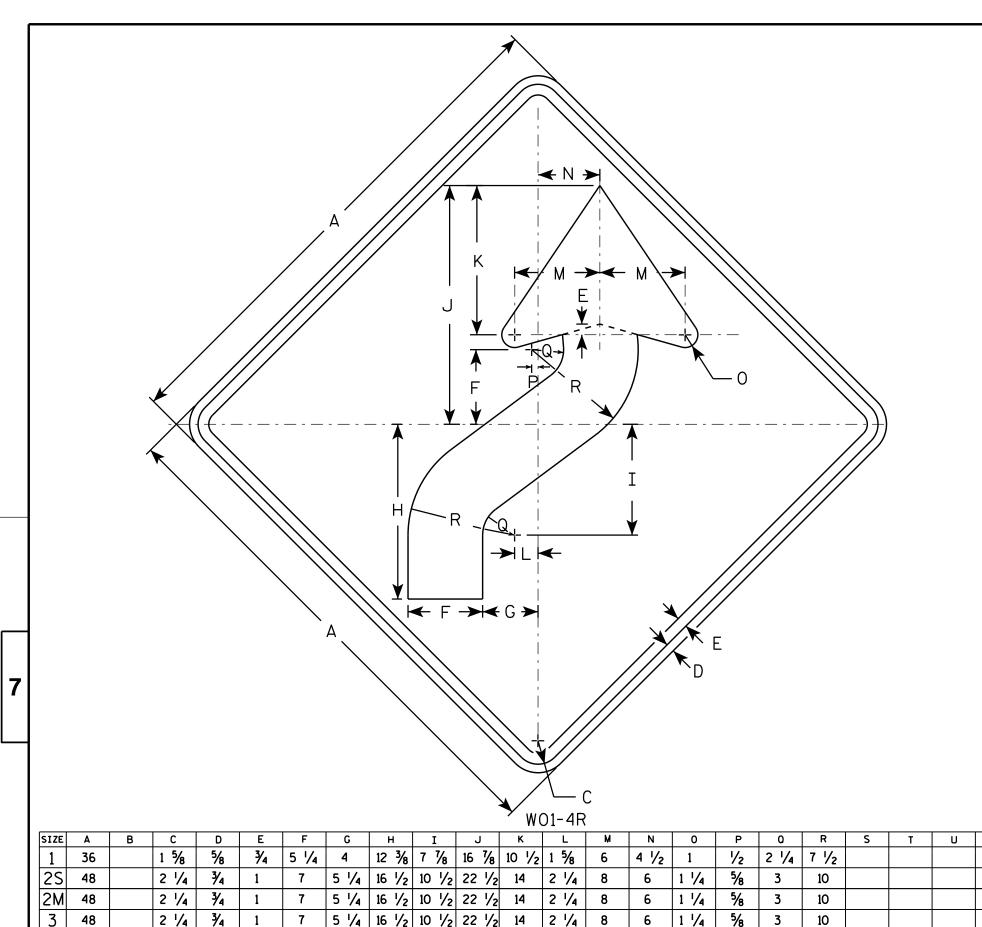
DATE 3/21/11

PLATE NO. W21-5B.3

| SH

SHEET NO:

PLOT NAME :



5 1/4 16 1/2 10 1/2 22 1/2 14

5 1/4 16 1/2 10 1/2 22 1/2 14

HWY:

2 1/4

2 1/4

NOTES

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

Background - Orange Message - Black

- 3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
- 4. W01-4L is the same as W01-4R except the arrow is reversed along the vertical centerline.

9.0 16.0 16.0 16.0 16.0 STANDARD SIGN W01-4

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

Matther R Rauch

For State Traffic Engineer

DATE <u>11/18/1</u>3

PLATE NO. WO1-4.1
SHEET NO:

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\W014.DGN

48

48

PROJECT NO:

2 1/4 3/4

2 1/4 | 3/4

PLOT DATE : 28-FEB-2014 11:35

10

1 1/4

1 1/4

COUNTY:

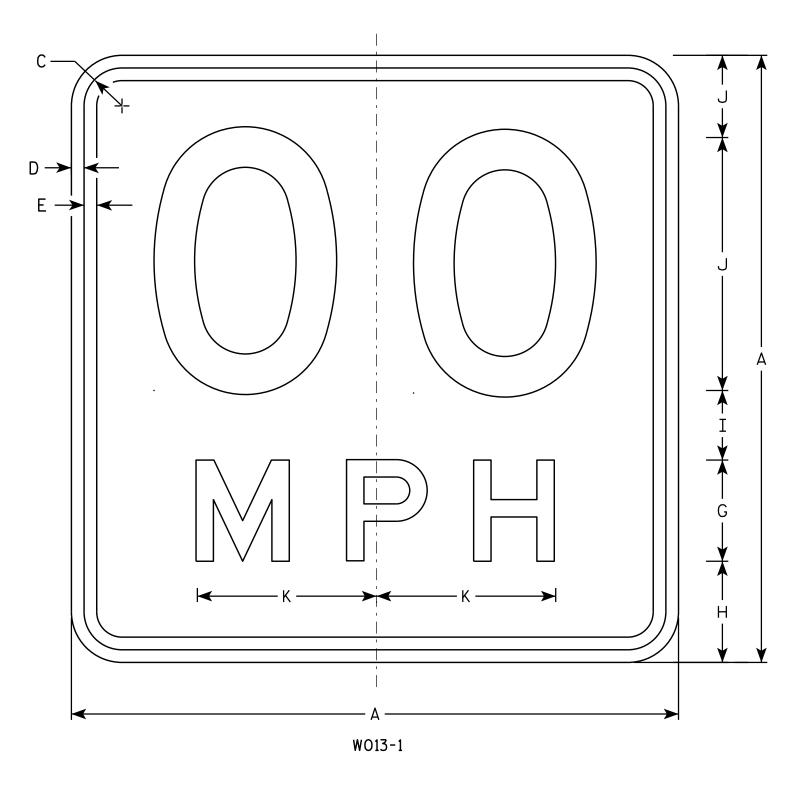
5/8

PLOT NAME :

PLOT BY: mscj9h

PLOT SCALE: 6.755110:1.000000

WISDOT/CADDS SHEET 42



<u>NOTES</u>

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

Background - Orange Message - Black

- 3. Message Series See Note 6
- 4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
- 5. Substitute appropriate numerals and optically space about centerline to achieve proper balance.
- 6. Line 1 is Series D Line 2 is Series E

SIZE	Α	В	С	D	E	F	G	Н	I	J	К	L	М	N	0	Р	0	R	S	T	U	٧	₩	Х	Y	Z	Areg sq. ft.
1	24		1 1/8	3/8	1/2	10	4	4	2 3/4	3 1/4	7 1/8																4.00
2S	36		1 5/8	5/8	₹4	16	6	5 1/2	4	4 1/2	10 %																9.00
2M	36		1 5/8	5/8	3∕4	16	6	5 1/2	4	4 1/2	10 5/8																9.00
3	36		1 %	5/8	3/4	16	6	5 ½	4	4 1/2	10 %																9.00
4	36		1 %	5/8	3/4	16	6	5 1/2	4	4 1/2	10 %																9.00
5	36		1 5/8	5/8	3/4	16	6	5 1/2	4	4 1/2	10 %																9.00

COUNTY:

STANDARD SIGN W013-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

Matthew R Rauch

For State Traffic Engineer

DATE 11/21/13 PLATE NO. WO13-1.1

SHEET NO:

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\W0131.DGN

HWY:

PROJECT NO:

PLOT DATE: 02-DEC-2013 13:55

PLOT NAME :

PLOT BY: mscsja

PLOT SCALE: 3.794391:1.000000

WISDOT/CADDS SHEET 42

NOTES

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

Background - Orange Message - Black

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

W057-52

HWY:

* See note 5

SIZE	Α	В	С	D	E	F	G	Н	I	J	K	L	М	N	0	Р	Q	R	S	T	U	٧	W	X	Y	Z	Area sq. ft.
1	36	24	1 1/8	3/8	1/2	6	4 1/2	3	4 3/4	14 %	10 %	11 3/8	2	12													6.0
25	48	36	1 3/8	1/2	5/8	8	7	6	6 3/8	19 ½	14	15	2 3/4	16 3/8													12.0
2M	48	36	1 3/8	1/2	5/8	8	7	6	6 3/8	19 ½	14	15	2 3/4	16 3/8													12.0
3	48	36	1 3/8	1/2	5/8	8	7	6	6 3/8	19 ½	14	15	2 3/4	16 3/8													12.0
4	48	36	1 3/8	1/2	5/8	8	7	6	6 3/8	19 ½	14	15	2 3/4	16 3/8													12.0
5	48	36	1 3/8	1/2	5/8	8	7	6	6	19 ½	14	15	2 3/4	16 3/8													12.0

COUNTY:

STANDARD SIGN W057-52

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

For State Traffic Engineer

SHEET NO:

DATE 3/21/17

PLATE NO. W057-52.2

....

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

PROJECT NO:

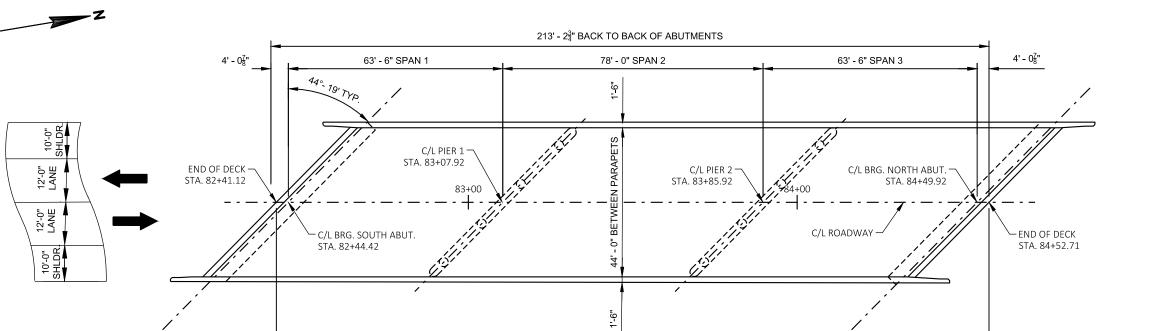
PLOT DATE: 21-MAR-2017 08:53

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

PLOT SCALE: 8.139174:1.000000



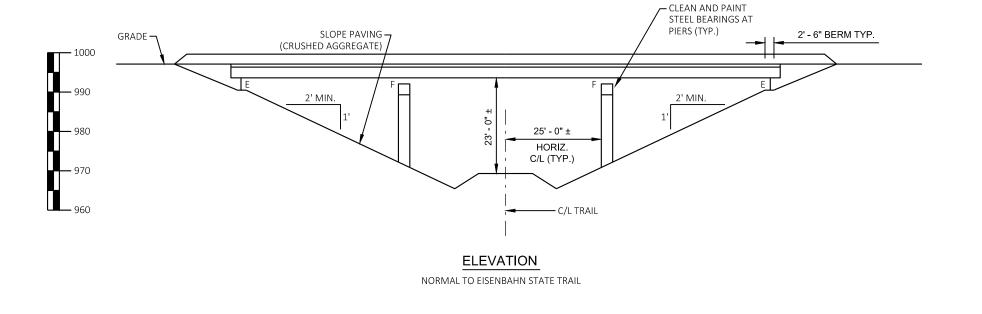
1000 - 54 - 72



PLAN

(REHAB - REPAINTING EXISTING THREE -SPAN STEEL DECK GIRDER)

211' - 6¹/₄" END TO END OF DECK



DESIGN CONTACT:

BRIDGE OFFICE CONTACT: WILLIAM DREHER (608) 266-8489

DESIGN DATA

LIVE LOAD:
DESIGN LOADING: HS-20
INVENTORY RATING: HS-19
OPERATING RATING: HS-33 WISCONSIN STANDARD PERMIT VEHICLE (WIS-SPV) = 200 KIPS NOTE: RATINGS FROM HSI

TRAFFIC DATA

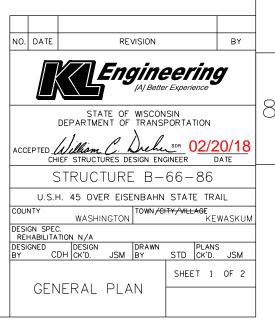
USH 45 A.A.D.T. = 7,200 (2017)

LIST OF DRAWINGS

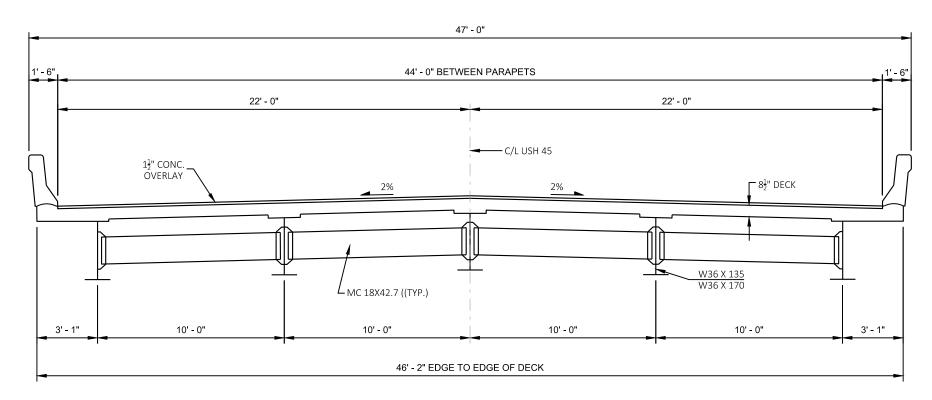
- 1. GENERAL PLAN
- 2. CROSS SECTIONS, NOTES & QUANTITIES



01-18-2018

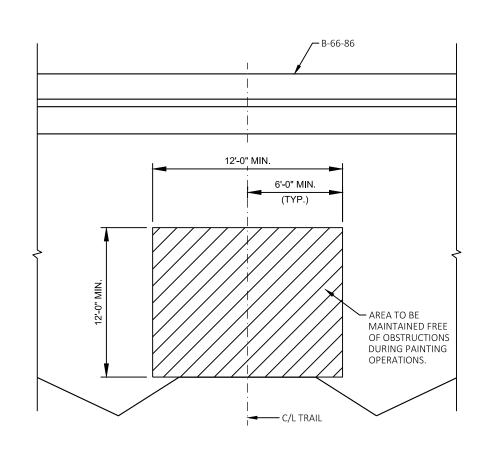


1000-54-72



CROSS SECTION THRU ROADWAY

LOOKING NORTH



TOTAL ESTIMATED QUANTITIES

ITEM NUMBER	ITEM DESCRIPTION	UNIT	TOTALS
203.0225.S.01	DEBRIS CONTAINMENT B-66-86	LS	1
517.1800.S.01	STRUCTURE REPAINTING RECYCLED ABRASIVE B-66-86	LS	1
517.4500.S.01	NEGATIVE PRESSURE CONTAINMENT AND COLLECTION OF WASTE MATERIALS B-66-86	LS	1
517.6001.S	PORTABLE DECONTAMINATION FACILITY	EACH	1
SPV.0060.01	CLEANING AND PAINTING BEARINGS	EACH	10

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

SEE ROAD PLANS FOR TRAFFIC CONTROL.

DIMENSIONS AND STATIONING SHOWN ARE BASED ON THE ORIGINAL PLANS.

VERTICAL CLEARANCES TAKEN FROM HSI.

THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS ARE NOT SHOWN.

IMPROVEMENTS INCLUDE REPAINTING ALL EXISTING STRUCTURAL STEEL AREAS AND CLEANING AND PAINTING THE STEEL BEARINGS AT THE PIERS.

THIS PROJECT WILL PAINT THE EXISTING STRUCTURE, B-66-86, A THREE SPAN, 213.2 FOOT LONG AND STEEL DECK GIRDER BRIDGE.

ESTIMATED STRUCTURAL STEEL SURFACE AREA = 11,200 S.F.

THE COLOR OF THE FINISH EPOXY TOP COAT FOR ALL STRUCTURAL STEEL AREAS SHALL BE GRAYLIGHT GRAY (FEDERAL COLOR NO. 26293).

TRAIL CLEARANCE DIAGRAM

NO. DATE REVISION BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-66-86

DRAWN
BY

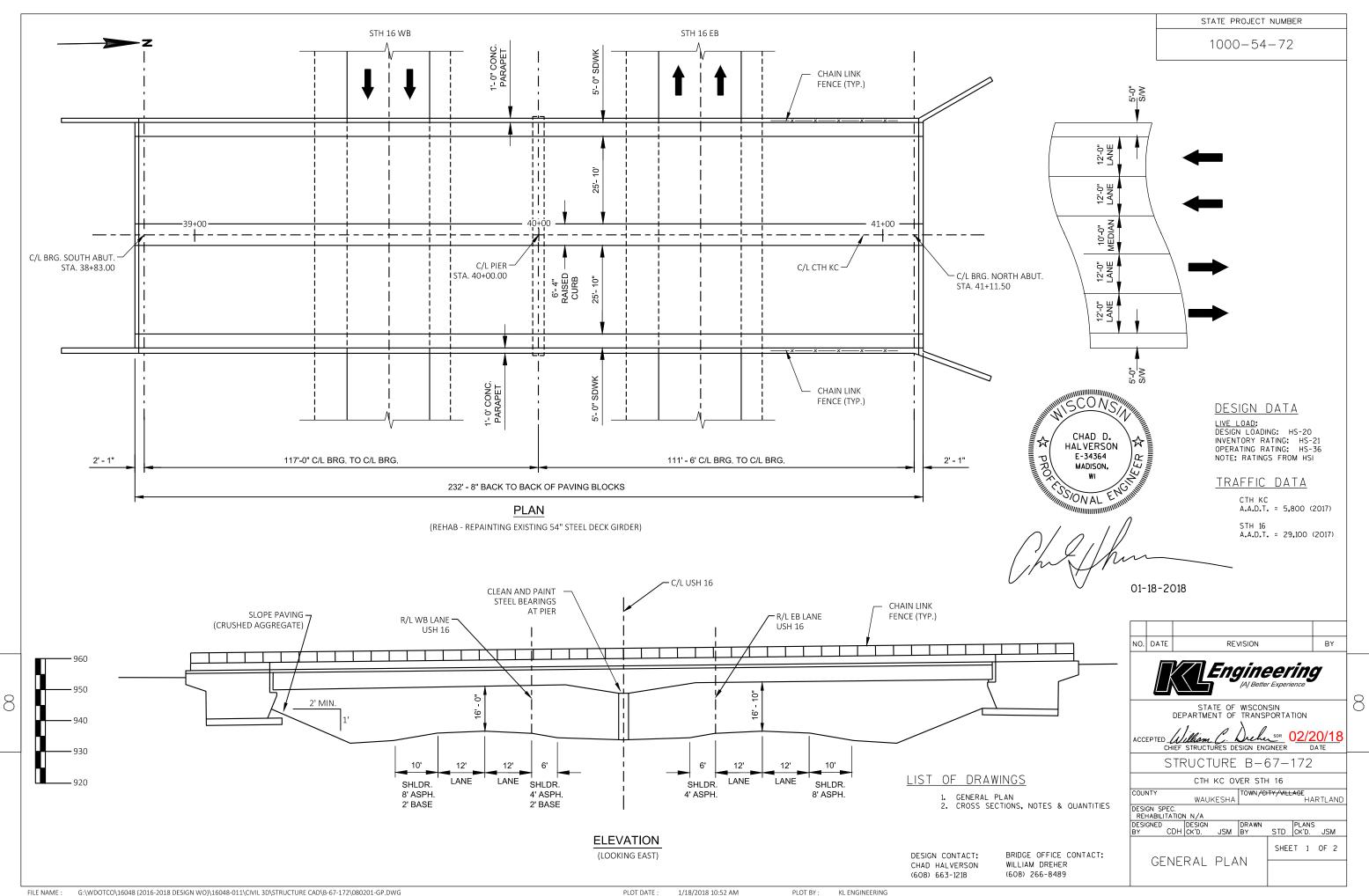
CROSS SECTIONS,
NOTES &
QUANTITIES

FILE NAME : G:\WDOTCO\16048 (2016-2018 DESIGN WO)\16048-011\CIVIL 3D\STRUCTURE CAD\B-66-86\080102-GN.DWG

PLOT DATE :

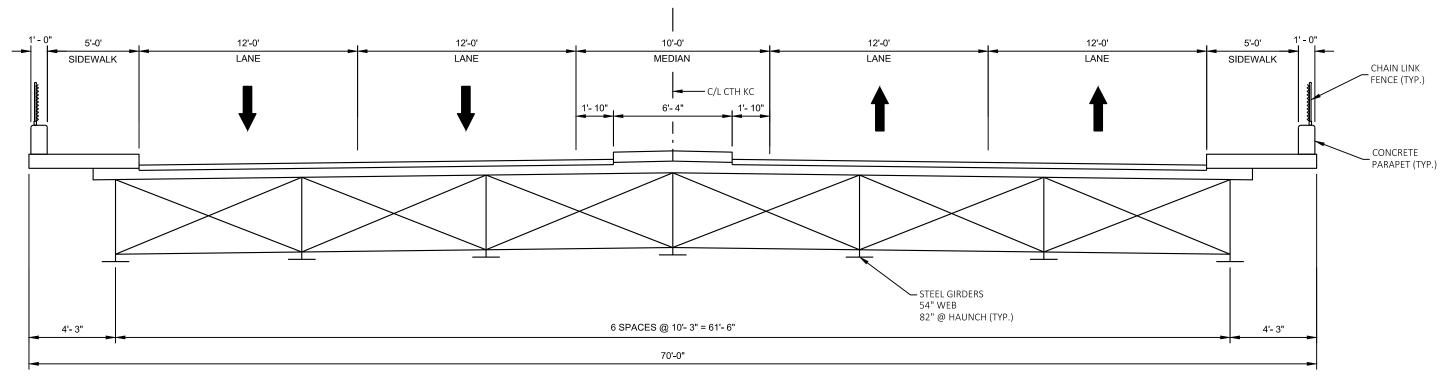
1/18/2018 9:48 AM

LOT BY: KL ENGINEERING





1000-54-72



CROSS SECTION

(LOOKING NORTH)

TOTAL ESTIMATED QUANTITIES

ITEM NUMBER	ITEM DESCRIPTION	UNIT	TOTALS
517.1800.S.02	STRUCTURE REPAINTING RECYCLED ABRASIVE B-67-172	LS	1
517.4500.S.02	NEGATIVE PRESSURE CONTAINMENT AND COLLECTION OF WASTE MATERIALS B-67-172	LS	1
517.6001.S	PORTABLE DECONTAMINATION FACILITY	EACH	1
SPV.0060.01	CLEANING AND PAINTING BEARINGS	EACH	7

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

SEE ROAD PLANS FOR TRAFFIC CONTROL.

DIMENSIONS AND STATIONING SHOWN ARE BASED ON THE ORIGINAL PLANS.

VERTICAL CLEARANCES TAKEN FROM HSI.

THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS ARE NOT SHOWN.

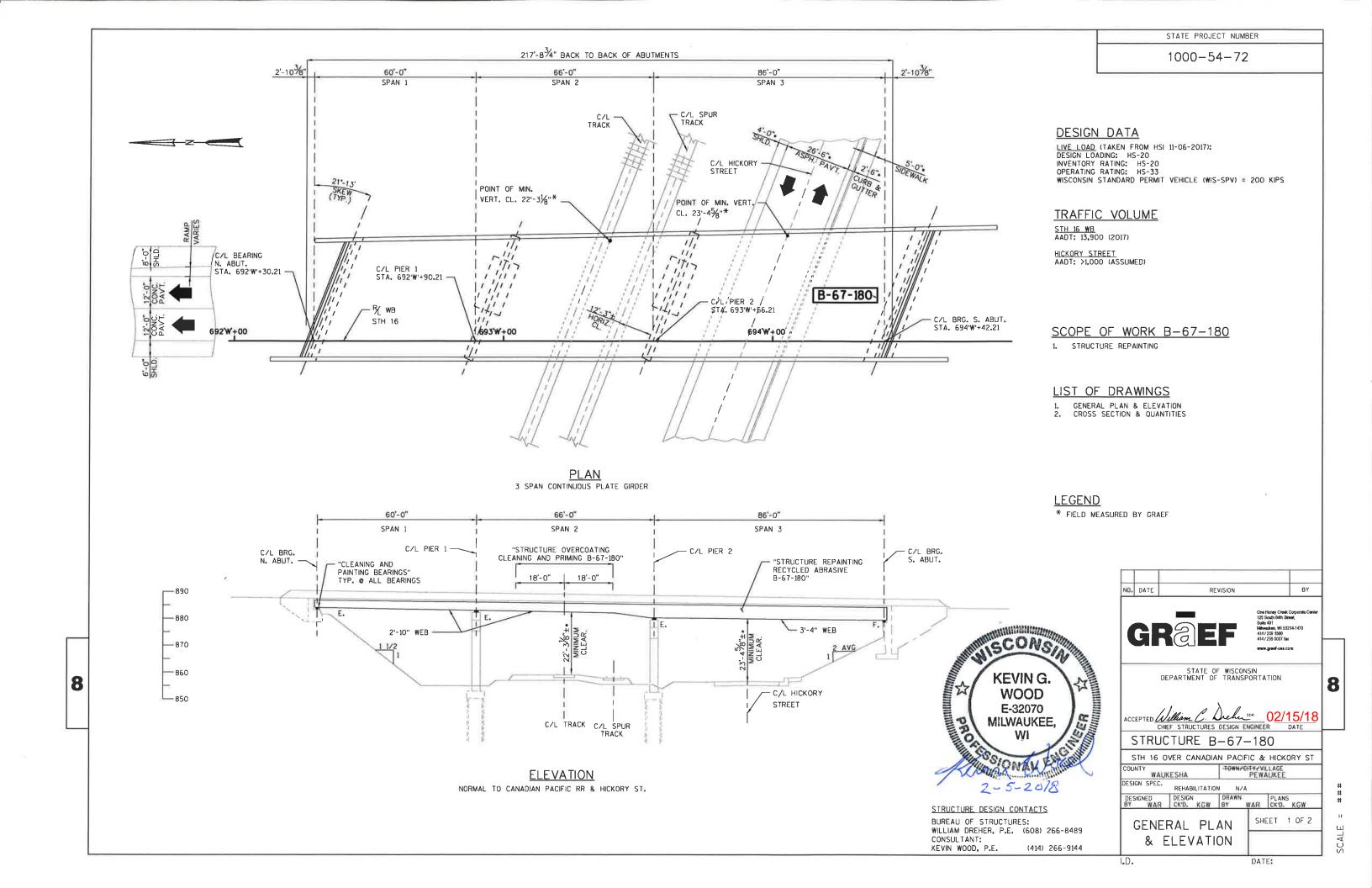
IMPROVEMENTS INCLUDE REPAINTING ALL EXISTING STRUCTURAL STEEL AREAS AND CLEANING AND PAINTING THE STEEL BEARINGS AT THE PIER.

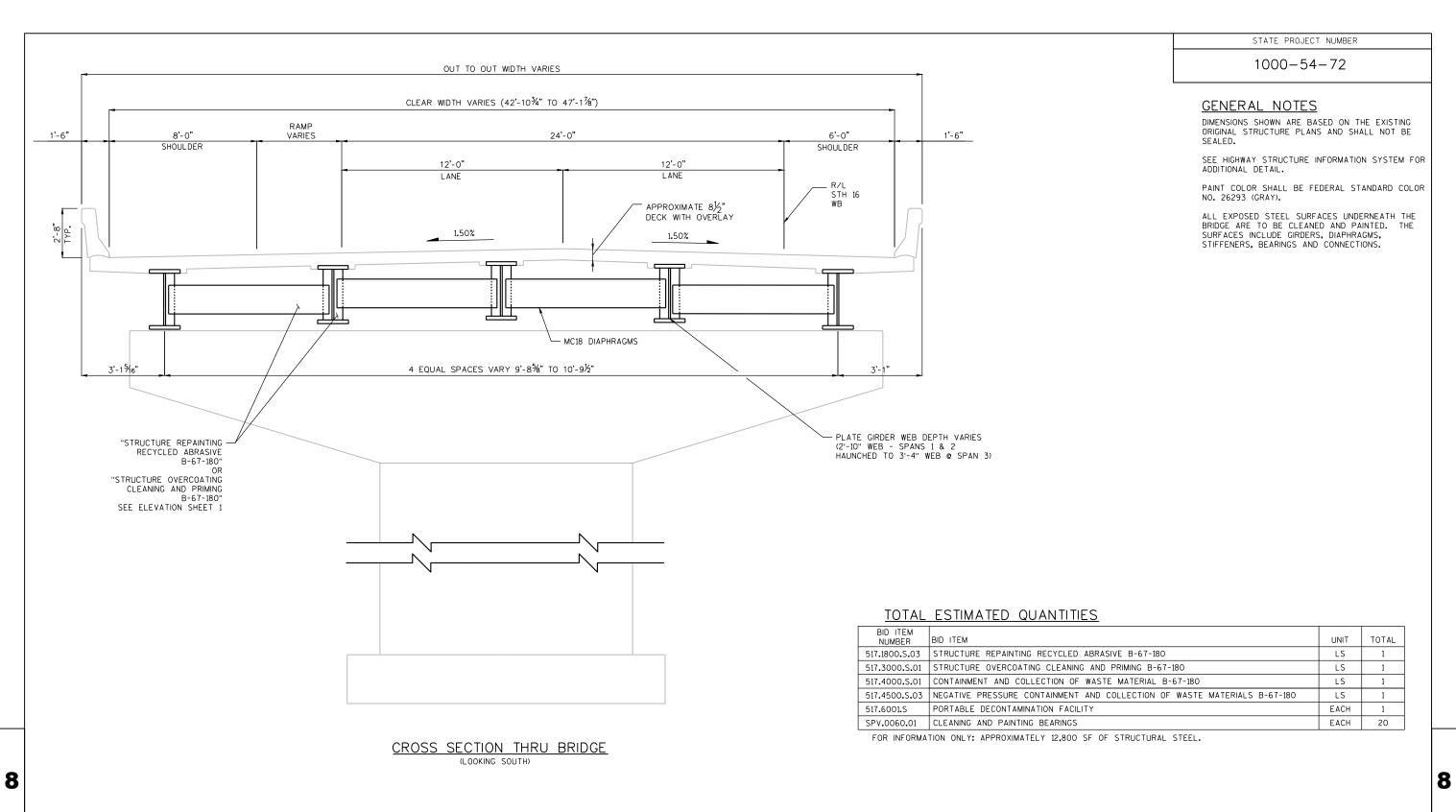
THIS PROJECT WILL PAINT THE EXISTING STRUCTURE, B-67-172, A TWO SPAN, 232 FOOT LONG STEEL DECK GIRDER BRIDGE.

ESTIMATED STRUCTURAL STEEL SURFACE AREA = 26,900 S.F.

THE COLOR OF THE FINISH EPOXY TOP COAT FOR ALL STRUCTURAL STEEL AREAS SHALL BE GRAY -LIGHT GRAY (FEDERAL COLOR NO. 26293).

NO.	DATE	REVISION	BY
		STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
	S	STRUCTURE B-67-172	
		DRAWN JAL CK'D.	JSM
C	1	S SECTIONS, SHEET 2 (NOTES & JANTITIES	DF 2





NO. DATE REVISION BY

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

STRUCTURE B-67-180

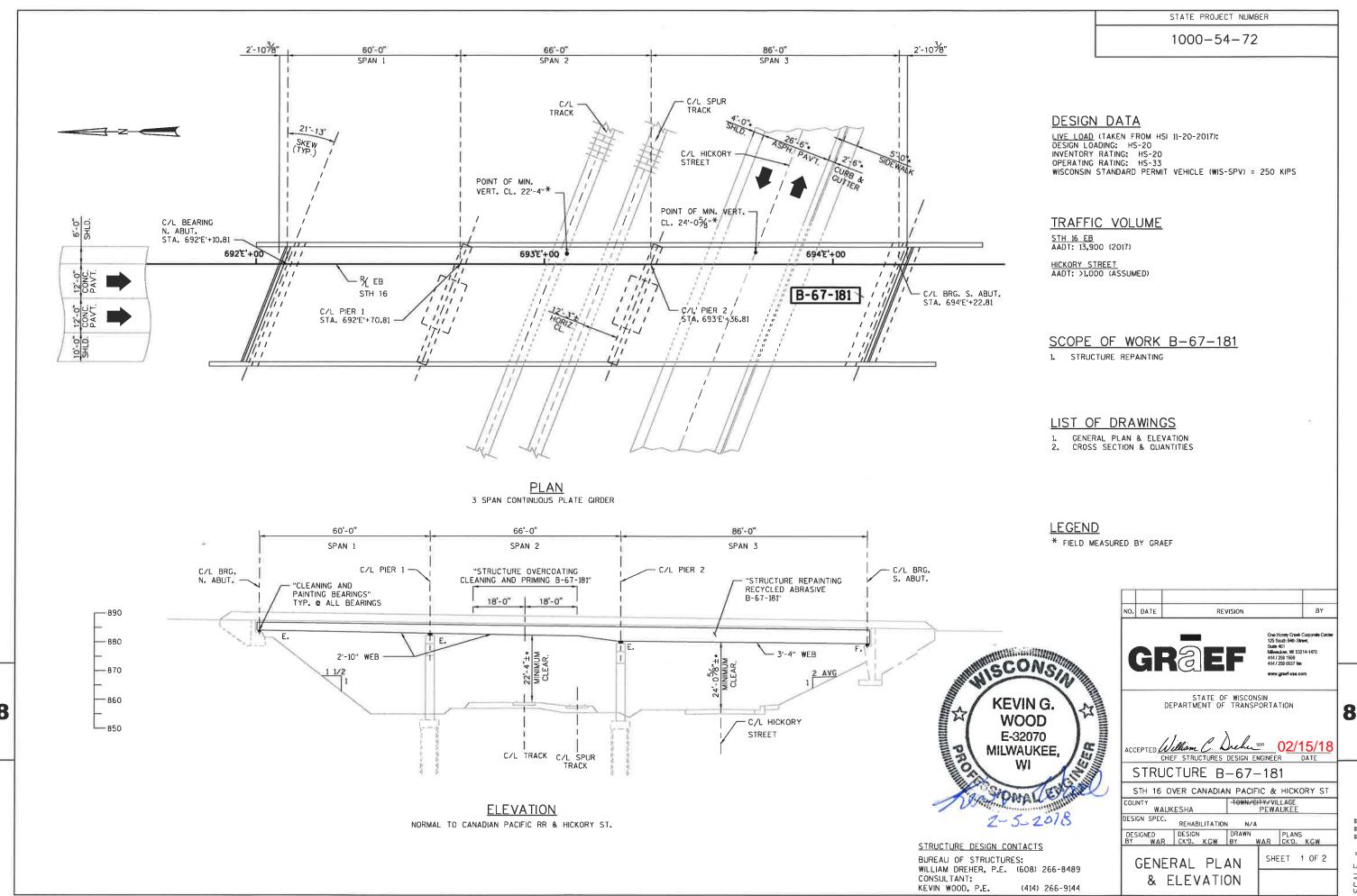
DRAWN WAR PLANS CK'D. KWG

CROSS SECTION

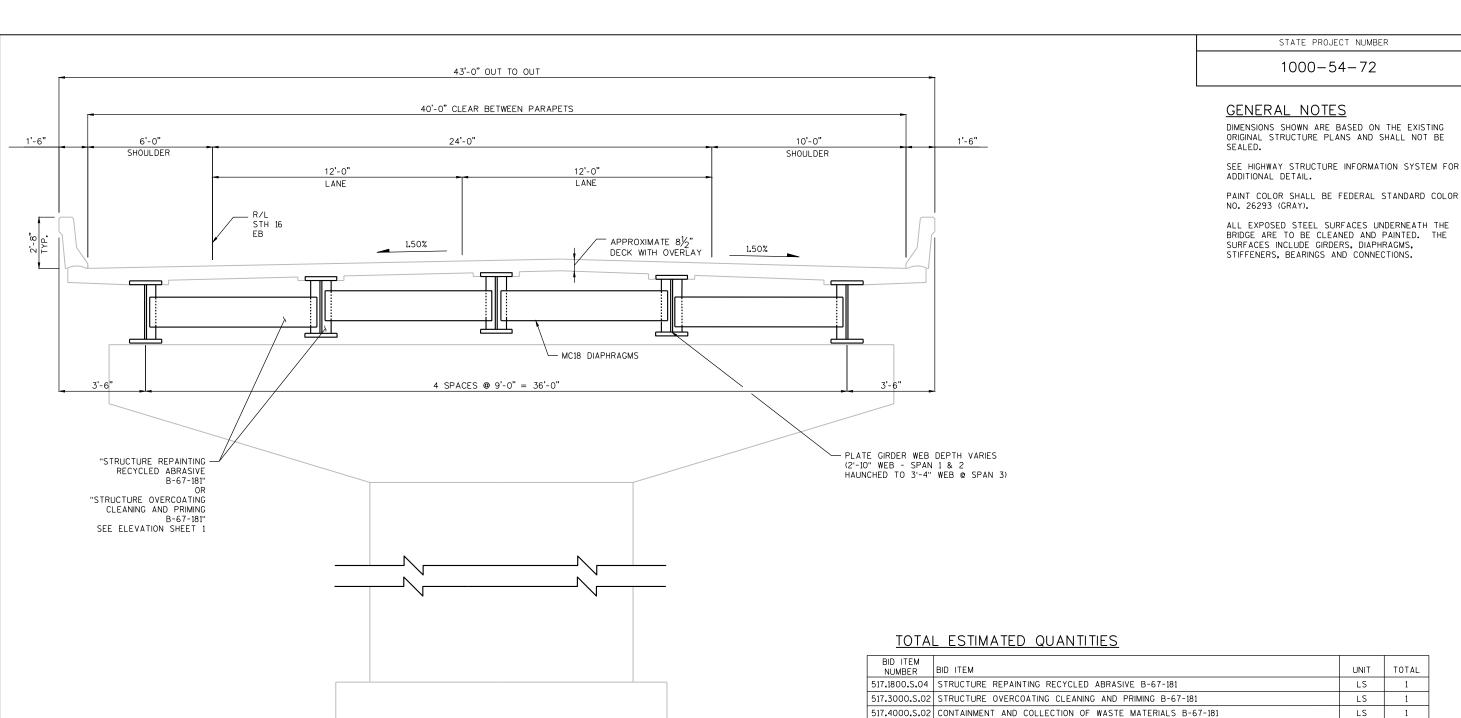
& QUANTITIES

I.D.

DATE:



DATE:



CROSS SECTION THRU BRIDGE (LOOKING SOUTH)

8

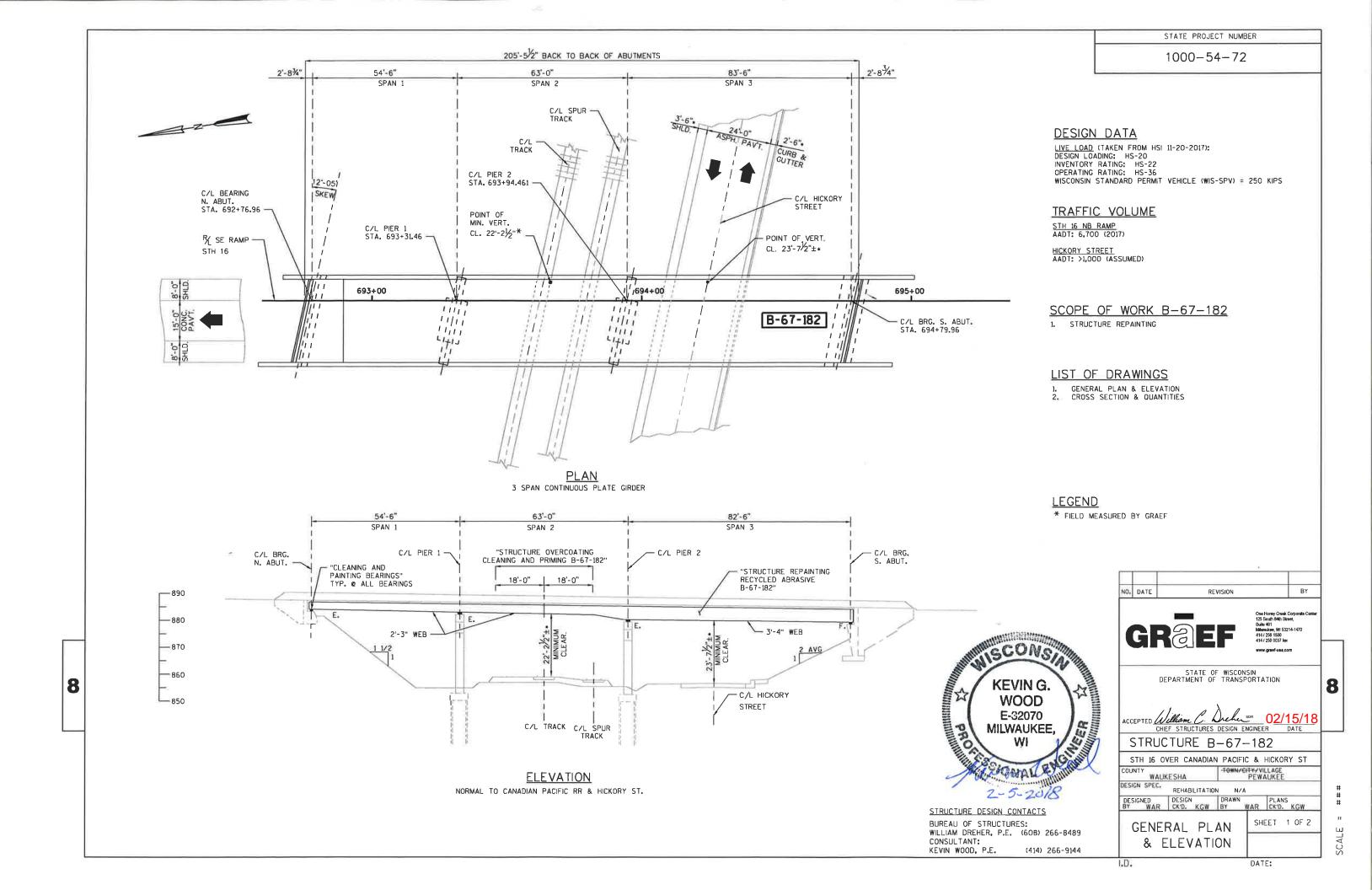
BID ITEM NUMBER	BID ITEM	UNIT	TOTAL
517.1800.5.04	STRUCTURE REPAINTING RECYCLED ABRASIVE B-67-181	LS	1
517 . 3000 . S . 02	STRUCTURE OVERCOATING CLEANING AND PRIMING B-67-181	LS	1
517 . 4000 . S . 02	CONTAINMENT AND COLLECTION OF WASTE MATERIALS B-67-181	LS	1
517 . 4500 . S . 04	NEGATIVE PRESSURE CONTAINMENT AND COLLECTION OF WASTE MATERIALS B-67-181	LS	1
517 . 6001 . S	PORTABLE DECONTAMINATION FACILITY	EACH	1
SPV.0060.01	CLEANING AND PAINTING BEARINGS	EACH	20

FOR INFORMATION ONLY: APPROXIMATELY 12,100 SF OF STRUCTURAL STEEL.

NO.	DATE		F	REVISION			В	Υ
	D	S EPARTM	TATE MENT (OF WISCON OF TRANSE	ISIN PORTAT	ION		
(STRU	JCTU	RE	B-67-	-181			
				DRAWN BY WAF	2	PLAN CK'D.	SKWG	
	CR	OSS	SE	CTION	SHEE	T 2	OF	2
	&	QUA	TNA	ITIES				

I.D.

DATE:



1000-54-72

GENERAL NOTES

DIMENSIONS SHOWN ARE BASED ON THE EXISTING ORIGINAL STRUCTURE PLANS AND SHALL NOT BE SEALED.

SEE HIGHWAY STRUCTURE INFORMATION SYSTEM FOR ADDITIONAL DETAIL.

PAINT COLOR SHALL BE FEDERAL STANDARD COLOR NO. 26293 (GRAY).

ALL EXPOSED STEEL SURFACES UNDERNEATH THE BRIDGE ARE TO BE CLEANED AND PAINTED. THE SURFACES INCLUDE GIRDERS, DIAPHRAGMS, STIFFENERS, BEARINGS AND CONNECTIONS.

31'-0" CLEAR BETWEEN PARAPETS 8'-0" 15'-0" 8'-0" 15'-0" 8'-0" 15'-0" 8'-0" 15'-0" 8'-0" 15'-

34'-0" OUT TO OUT

TOTAL ESTIMATED QUANTITIES

BID ITEM NUMBER	BID ITEM	UNIT	TOTAL
517.1800.5.05	STRUCTURE REPAINTING RECYCLED ABRASIVE B-67-182	LS	1
517 . 3000 . S . 03	STRUCTURE OVERCOATING CLEANING AND PRIMING B-67-182	LS	1
517 . 4000 . S . 03	CONTAINMENT AND COLLECTION OF WASTE MATERIALS B-67-182	LS	1
517.4500.S.05	NEGATIVE PRESSURE CONTAINMENT AND COLLECTION OF WASTE MATERIALS B-67-182	LS	1
517.6001.5	PORTABLE DECONTAMINATION FACILITY	EACH	1
SPV.0060.01	CLEANING AND PAINTING BEARINGS	EACH	16

FOR INFORMATION ONLY: APPROXIMATELY 8,800 SF OF STRUCTURAL STEEL.

CROSS SECTION THRU BRIDGE (LOOKING SOUTH)

8

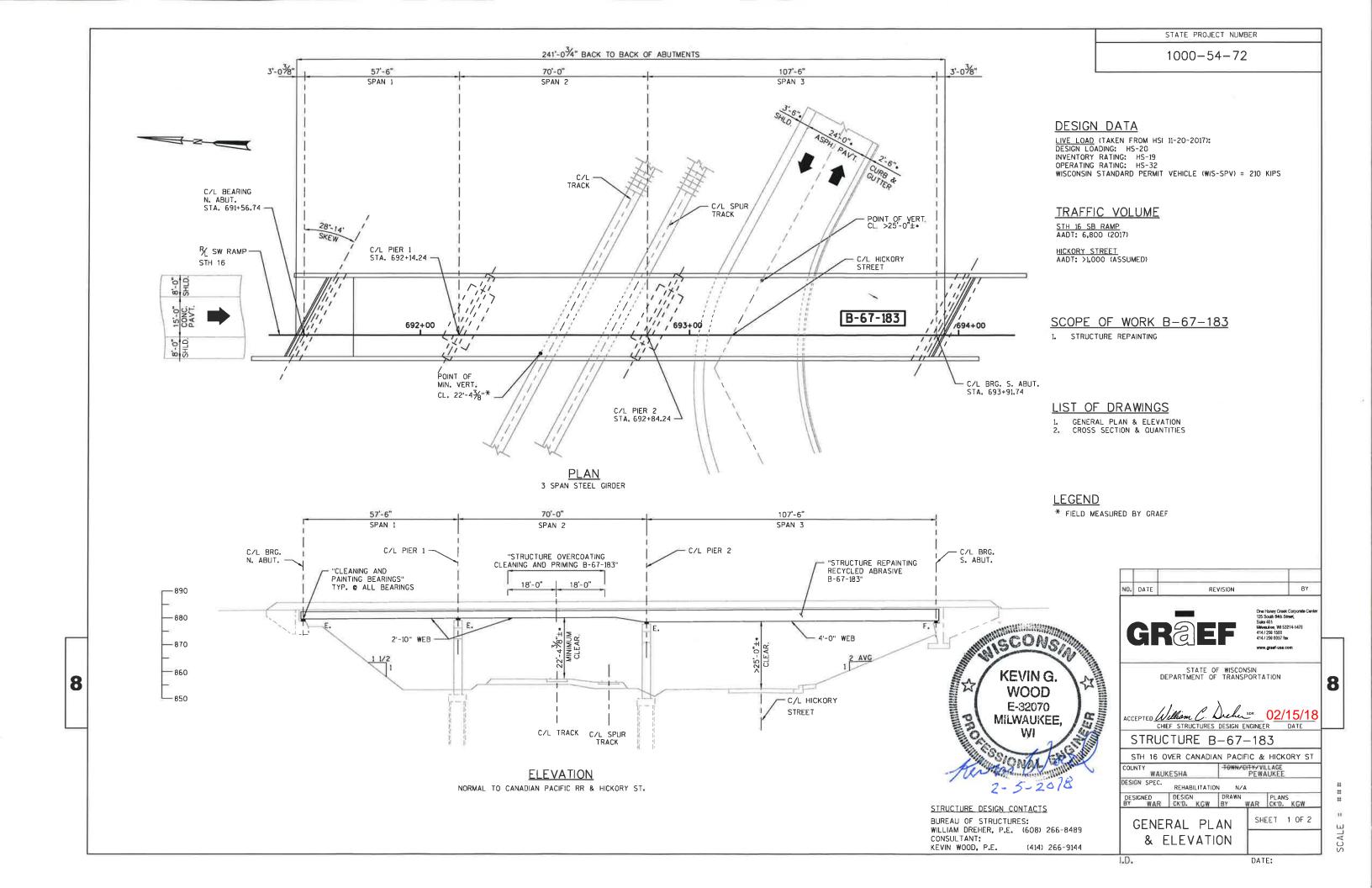
NO. DATE REVISION	BY				
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION					
STRUCTURE B-67-182					
DRAWN BY WAR CK'D. KWG					
CROSS SECTION SHEET 2	OF 2				

& QUANTITIES

.D.

DATE:

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1000-54-72

GENERAL NOTES

DIMENSIONS SHOWN ARE BASED ON THE EXISTING ORIGINAL STRUCTURE PLANS AND SHALL NOT BE SEALED.

SEE HIGHWAY STRUCTURE INFORMATION SYSTEM FOR ADDITIONAL DETAIL.

PAINT COLOR SHALL BE FEDERAL STANDARD COLOR NO. 26293 (GRAY).

ALL EXPOSED STEEL SURFACES UNDERNEATH THE BRIDGE ARE TO BE CLEANED AND PAINTED. THE SURFACES INCLUDE GIRDERS, DIAPHRAGMS, STIFFENERS, BEARINGS AND CONNECTIONS.

34'-0" OUT TO OUT 31'-0" CLEAR BETWEEN PARAPETS 1'-6" 8'-0" 15'-0" 8'-0" 1'-6" - R/L SW RAMP STH 16 1.50% ─ MC18 DIAPHRAGMS 3 EQUAL SPACES @ 9'-0" = 27'-0" "STRUCTURE REPAINTING — RECYCLED ABRASIVE B-67-183" PLATE GIRDER WEB DEPTH VARIES (2'-10" WEB - SPAN 1 & 2 HAUNCHED TO 4'-0" WEB @ SPAN 3) "STRUCTURE OVERCOATING CLEANING AND PRIMING SEE ELEVATION SHEET 1

TOTAL ESTIMATED QUANTITIES

BID ITEM NUMBER	BID ITEM	UNIT	TOTAL
517.1800.5.06	STRUCTURE REPAINTING RECYCLED ABRASIVE B-67-183	LS	1
517.3000.5.04	STRUCTURE OVERCOATING CLEANING AND PRIMING B-67-183	LS	1
517 . 4000 . S . 04	CONTAINMENT AND COLLECTION OF WASTE MATERIALS B-67-183	LS	1
517.4500.S.06	NEGATIVE PRESSURE CONTAINMENT AND COLLECTION OF WASTE MATERIALS B-67-183	LS	1
517.6001.5	PORTABLE DECONTAMINATION FACILITY	EACH	1
SPV.0060.01	CLEANING AND PAINTING BEARINGS	EACH	16

FOR INFORMATION ONLY: APPROXIMATELY 11,600 SF OF STRUCTURAL STEEL.

CROSS SECTION THRU BRIDGE (LOOKING SOUTH)

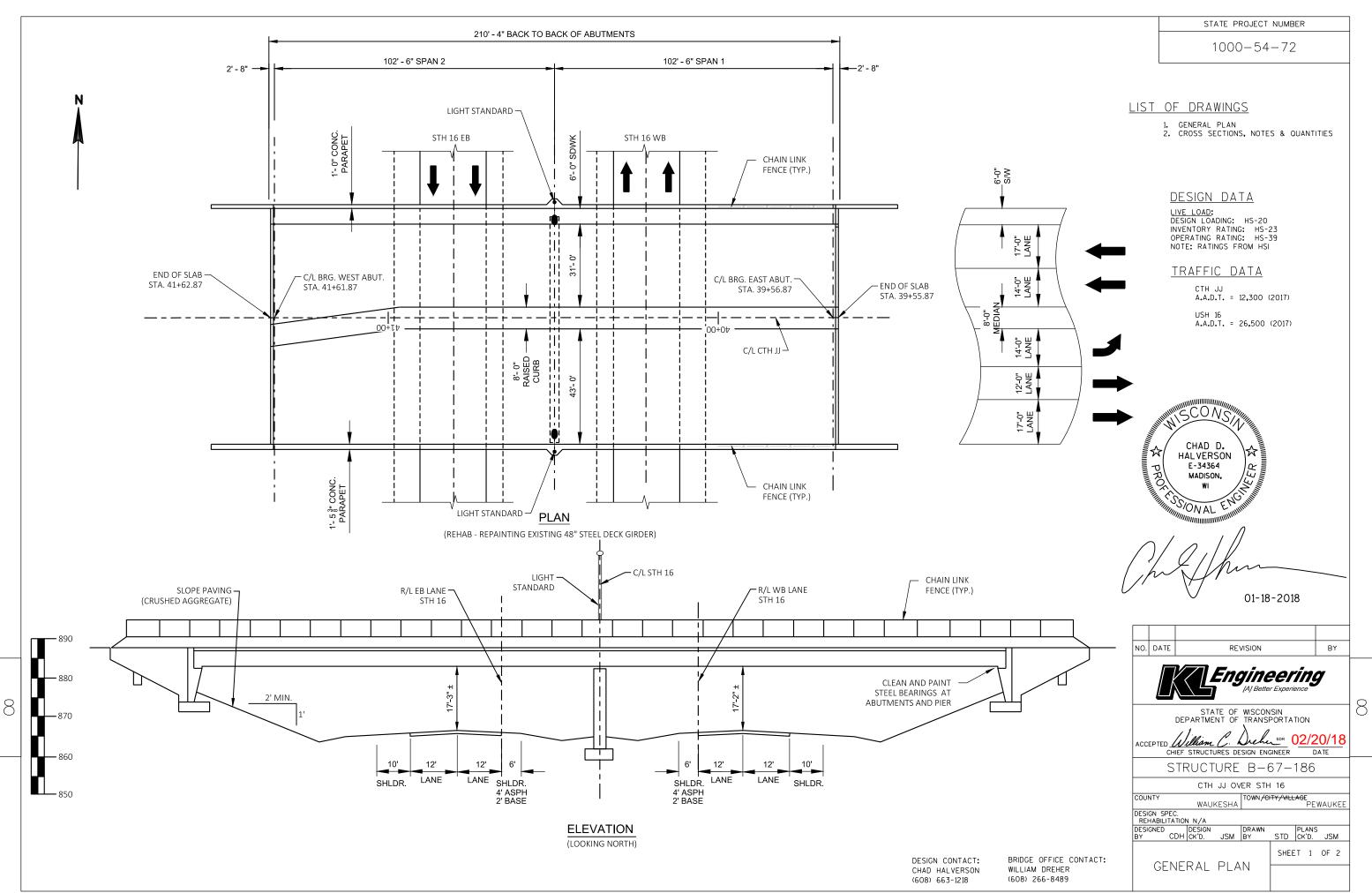
8

NO.	DATE	F	REVISION		BY	
	STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION					
(STRUCTURE B-67-183					
	DRAWN BY WAR CK'D. KWG					
	CROSS SECTION		SHEET 2	OF 2		
& QUANTITIES						

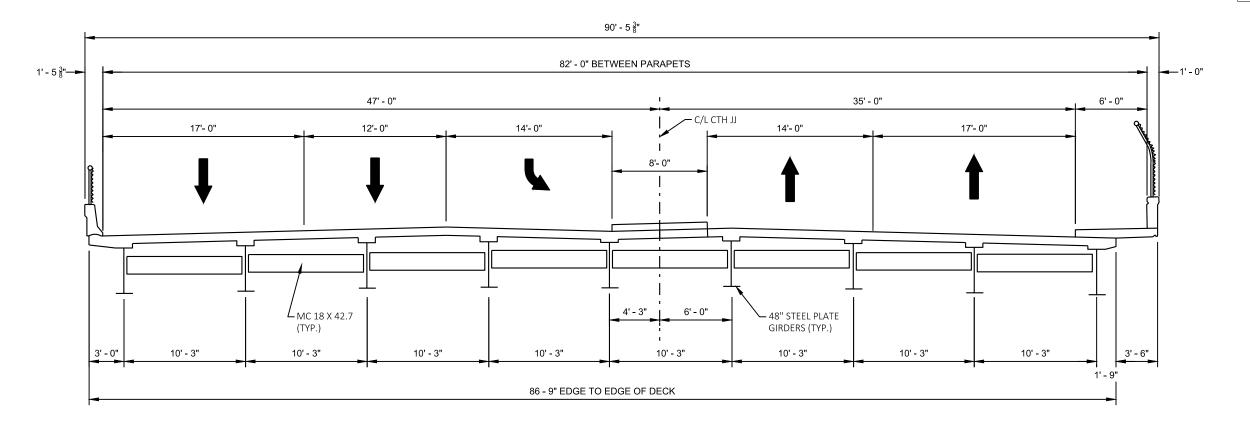
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DATE:

SCALE = #:



1000-54-72



CROSS SECTION THRU ROADWAY

LOOKING WEST

TOTAL ESTIMATED QUANTITIES

ITEI	M NUMBER	ITEM DESCRIPTION	UNIT	TOTALS
51	.7.1800.S.07	STRUCTURE REPAINTING RECYCLED ABRASIVE B-67-186	LS	1
517	7.4500.S.07	NEGATIVE PRESSURE CONTAINMENT AND COLLECTION OF WASTE MATERIALS B-67-186	LS	1
5	17.6001.S	PORTABLE DECONTAMINATION FACILITY	EACH	1
SF	PV.0060.01	CLEANING AND PAINTING BEARINGS	EACH	27

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

SEE ROAD PLANS FOR TRAFFIC CONTROL.

DIMENSIONS AND STATIONING SHOWN ARE BASED ON THE ORIGINAL PLANS.

VERTICAL CLEARANCES TAKEN FROM HSI.

THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS ARE NOT SHOWN.

IMPROVEMENTS INCLUDE REPAINTING ALL EXISTING STRUCTURAL STEEL AREAS AND CLEANING AND PAINTING THE STEEL BEARINGS AT THE ABUTMENTS AND PIER.

THIS PROJECT WILL PAINT THE EXISTING STRUCTURE, B-67-186, A TWO SPAN, 210.0 FOOT LONG STEEL DECK GIRDER BRIDGE.

ESTIMATED STRUCTURAL STEEL SURFACE AREA = 28,600 S.F.

THE COLOR OF THE FINISH EPOXY TOP COAT FOR ALL STRUCTURAL STEEL AREAS SHALL BE GRAY-LIGHT GRAY (FEDERAL COLOR NO. 26293).

NO.	DATE	REVISION BY	,		
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION					
	STRUCTURE B-67-186				
DRAWN PLANS BY JAL CK'D. JSM					
C	1	S SECTIONS, SHEET 2 OF 2 NOTES & JANTITIES			

FILE NAME : G:\WDOTCO\16048 (2016-2018 DESIGN WO)\16048-011\CIVIL 3D\STRUCTURE CAD\B-67-186\080302-GN.DWG

OT DATE : 1/18

1/18/2018 9:53 AM

OT BY: KL ENGINEERING

Notes



Wisconsin Department of Transportation

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