JUNE 2021 FEDERAL PROJECT STATE PROJECT STATE OF WISCONSIN ORDER OF SHEETS PROJECT CONTRACT PROJECT ID: 6140-01-65 WISC 2021410 Section No. **DEPARTMENT OF TRANSPORTATION** Section No. Typical Sections and Details Estimate of Quantities Section No PLAN OF PROPOSED IMPROVEMENT Section No. **ADAMS - WISCONSIN RAPIDS ADAMS BRIDGES B-1-17,36** -01-65 **STH 13** TOTAL SHEETS = 78 **ADAMS** STATE PROJECT NUMBER STRUCTURE B-1-36 6140-01-65 STH 13 OVER CARTER CREEK CYPRESS ROCHE DESIGN DESIGNATION STRUCTURE B-1-17
STH 13 OVER LITTLE ROCHE A CRI RIVER A.A.D.T. 2018 A.A.D.T. D.H.V. D.D. DESIGN SPEED ESALS **ADAMS** CONVENTIONAL SYMBOLS CORPORATE LIMITS GRADE LINE PROPERTY LINE MARSH OR ROCK PROFILE LOT LINE (To be noted as such) LIMITED HIGHWAY EASEMENT AVE DEERBORN EXISTING RIGHT OF WAY STATE OF WISCONSIN GRADE ELEVATION DEPARTMENT OF TRANSPORTATION PROPOSED OR NEW R/W LINE CULVERT (Profile View) SLOPE INTERCEPT REPARED BY UTILITIES REFERENCE LINE EXISTING CULVERT FIBER OPTIC PROPOSED CULVERT (Box or Pipe) COMBUSTIBLE FLUIDS STORM SEWER HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN TELEPHONE SCALE COORDINATE REFERENCE SYSTEM (WISCRS), NAD83 (2011), IN U.S. SURVEY FEET. POSITIONS SHOWN ARE GRID MARSH AREA COORDINATES, GRID BEARINGS, AND GRID DISTANCES, GRID DISTANCES UTILITY PEDESTAL TOTAL NET LENGTH OF CENTERLINE = ARE THE SAME AS GROUND DISTANCES. ELEVATIONS ARE REFERENCED POWER POLE TO NAVD 88 (2012), GPS DERIVED ELEVATIONS ARE BASED ON GEOID 12A. TELEPHONE POLE WOODED OR SHRUB AREA FILE NAME: N:\PD\$\C3D\61400135\\$HEET\$PLAN\010101-Tf.DWG 9/25/2018 9:35 AM WIGAND, JUSTIN R PLOT NAME : PLOT DATE:

2

2

GENERAL NOTES

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

TOPSOIL SHALL BE PLACED 1" BELOW THE TOP OF ADJACENT CONCRETE CURBS OR SIDEWALKS.

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

Runoff Coefficient Table

		Hydrologic Soil Group										
		А			В		С		D			
					Slop	e Rang	ge (Perc	ent)				
	0 - 2	2 - 6	6 &	0 - 2	2 - 6	6 &	0 - 2	2 - 6	6 &	0 - 2	2 6	6 &
Land Use	0 - 2	2-6	Over	0 - 2	2-0	Over	0 - 2	2-6	Over	0 - 2	2 - 6	Over
Row Crops	0.08	0.16	0.22	0.12	0.20	0.27	0.15	0.24	0.33	0.19	0.28	0.38
Now Crops	0.22	0.30	0.38	0.26	0.34	0.44	0.30	0.37	0.50	0.34	0.41	0.56
Median Strip-Turf	0.19	0.20	0.24	0.19	0.22	0.26	0.20	0.23	0.30	0.20	0.25	0.30
Wiedian Strip-Turi	0.24	0.26	0.30	0.25	0.28	0.33	0.26	0.30	0.37	0.27	0.32	0.40
Side Slope Turf			0.25			0.27			0.28			0.30
Side Slope Tull			0.32			0.34			0.36			0.38
Pavement												
Asphalt						0.70	- 0.95					
Concrete						0.80	- 0.95					
Brick	0.70 - 0.80											
Drives, Sidewalks	0.75 - 0.85											
Roofs						0.75	- 0.95					
Gravel Roads, Shoulders						0.40	- 0.60					

Total Project Area = 1 Acres

Total Area Expected To Be Disturbed By Construction Activities = 0.025 Acres

UTILITIES

FRONTIER COMMUNICATIONS - COMMUNICATION LINE

JENNY MOORE

2222 WEST WISCONSIN STREET

PORTAGE, WI 53901

PHONE: (608) 742-9507 WORK PHONE: (608) 346-0353 MOBILE

E-MAIL: JERALD.R.MOORE@FTR.COM

ALLIANT ENERGY - ELECTRICITY

PETER FRITZ

338 EAST STATE STREET MAUTSON. WI 53948

PHONE: (608) 847-1317 WORK PHONE: (608) 963-5676 MOBILE

E-MAIL: PETERFRITZ@ALLIANTENERGY.COM

ATC MANAGEMENT - ELECTRICITY

CHRIS DAILEY

W 234 N 2000 RIDGEVIEW PARKWAY CT

PO BOX 47

WAUKESHA, WI 53187

PHONE: (262) 506-6884 WORK E-MAIL: CDAILEY@ATCLLC.COM

DNR

BRAD BETTHAUSER

473 GRIFFITH AVENUE WISCONSIN RAPIDS,WI 54494

PHONE: (715) 421-7851

E-MAIL: BRADLEY.BETTHAUSER@WISCONSIN.GOV

WE ENERGIES - GAS/PETROLEUM

RYAN MIENTKE

1921 8TH STREET SOUTH

WISCONSIN RAPIDS, WI 54494 PHONE: (715) 421-7249 WORK

PHONE: (715) 421-9293 MOBILE

E-MAIL: RYAN.MIENTKE@WE-ENERGIES.COM

VILLAGE OF FRIENDSHIP - SEWER

BOB KIERSTYN

507 WEST LAKE STREET

PO BOX 206

FRIENDSHIP, WI 53934

PHONE: (608) 339-3243 WORK PHONE: (608) 548-8575 MOBILE

E-MAIL: VOFPUBLICWORKS@MAQS.NET

VILLAGE OF FRIENDSHIP - WATER

BOB KIERSTYN

507 WEST LAKE STREET

PO BOX 206

FRIENDSHIP, WI 53934

PHONE: (608) 339-3243 WORK

PHONE: (608) 548-8575

E-MAIL: VOFPUBLICWORKS@MAQS.NET



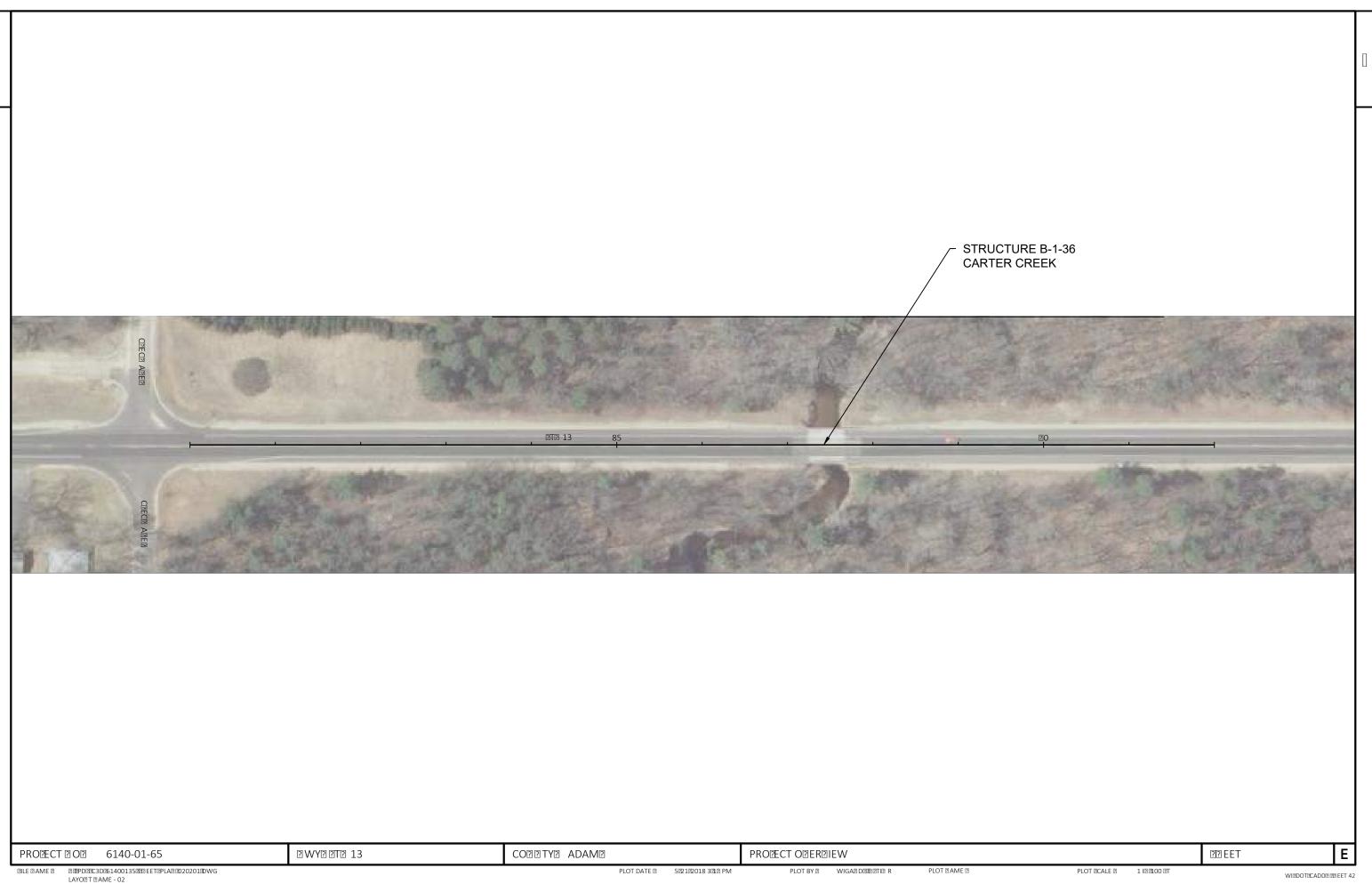
PROJECT NO: 6140-01-65 HWY: STH 13 COUNTY: ADAMS GENERAL NOTES SHEET: **E**

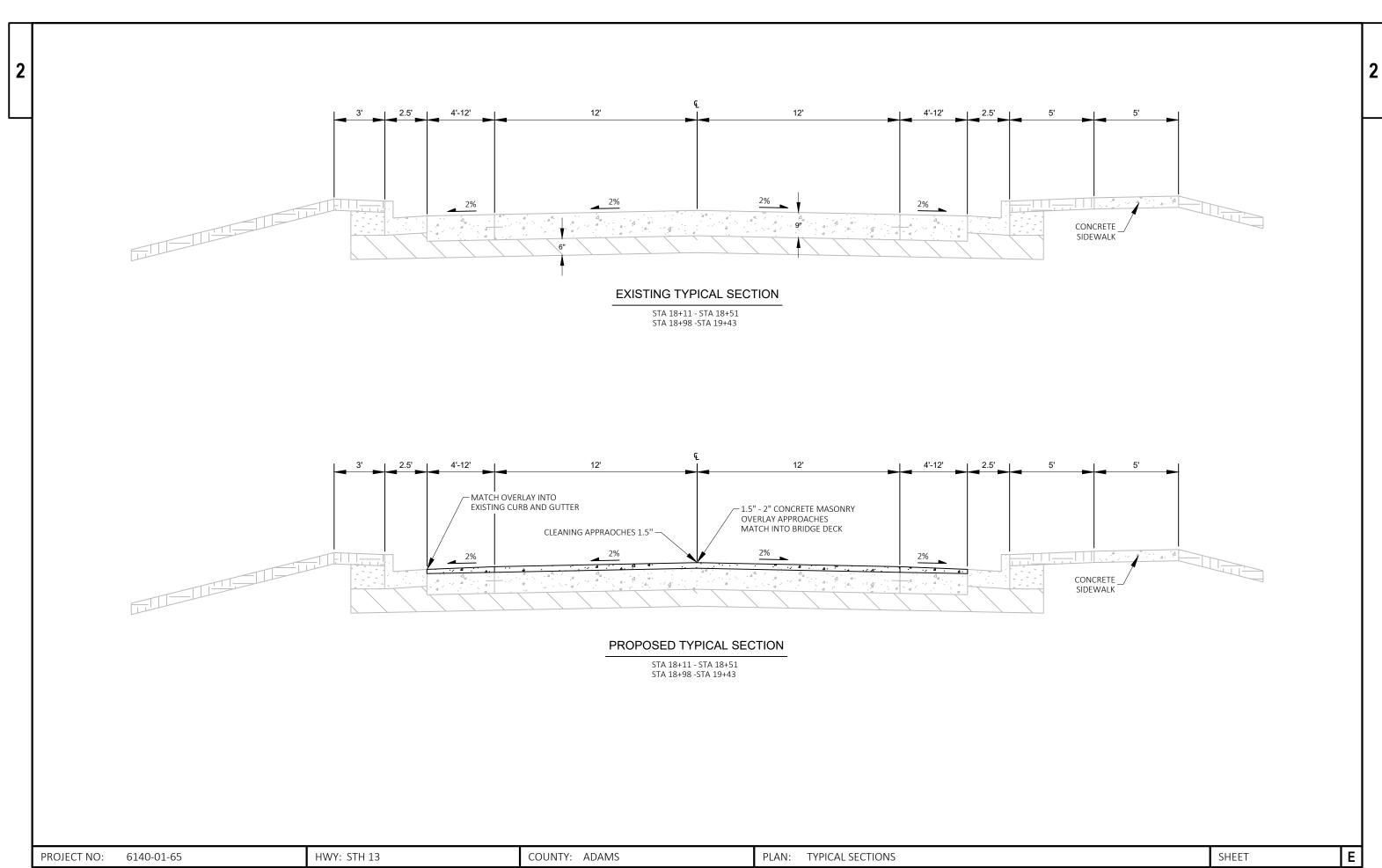
NAME : ______ PLOT DATE : _____ PLOT BY : _____ PLOT NAME : _____ PLOT NAME : _____ PLOT SCALE : 1:1

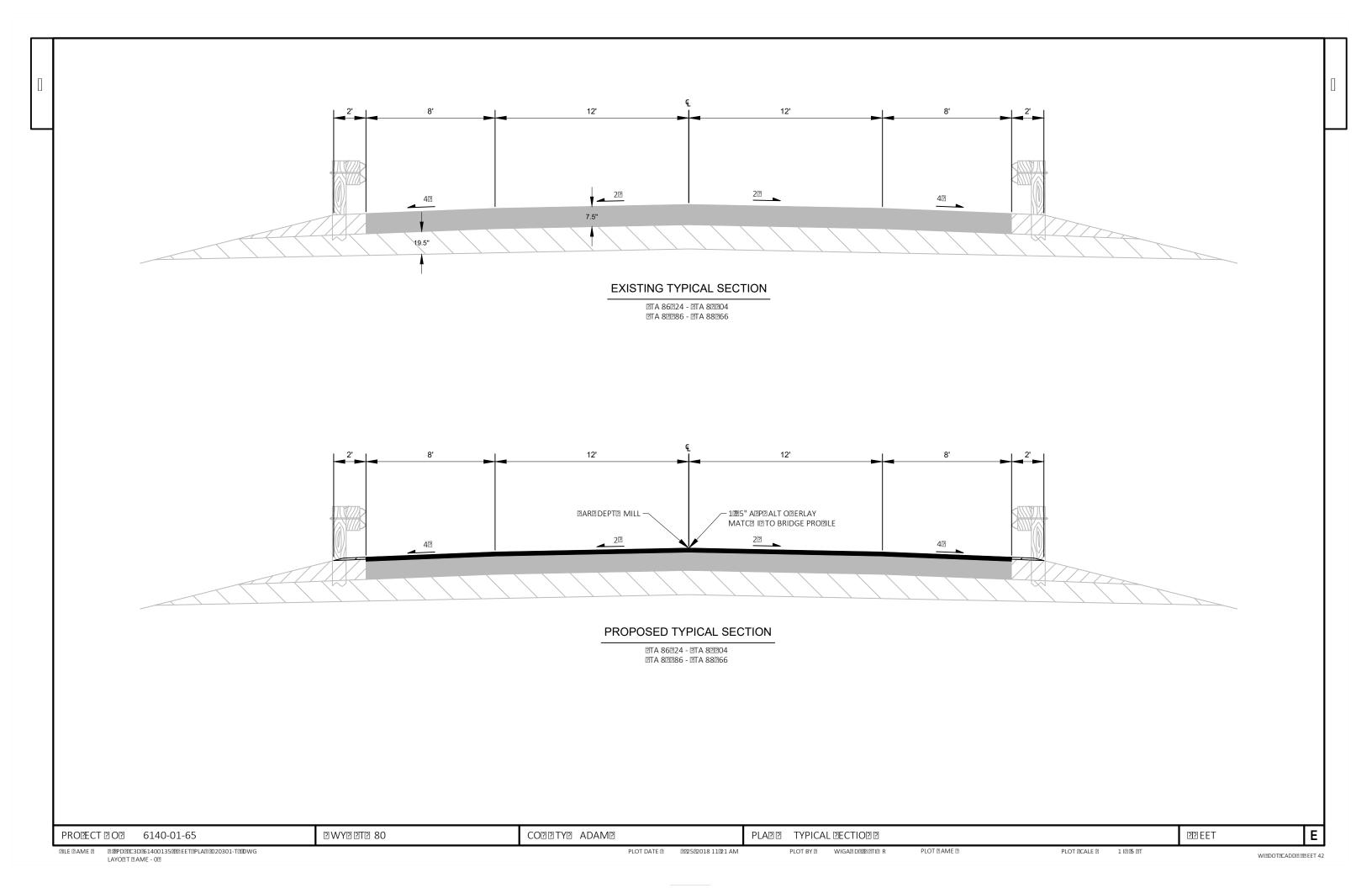
STRUCTURE B-1-17 LITTLE ROCHE A CRI CREEK

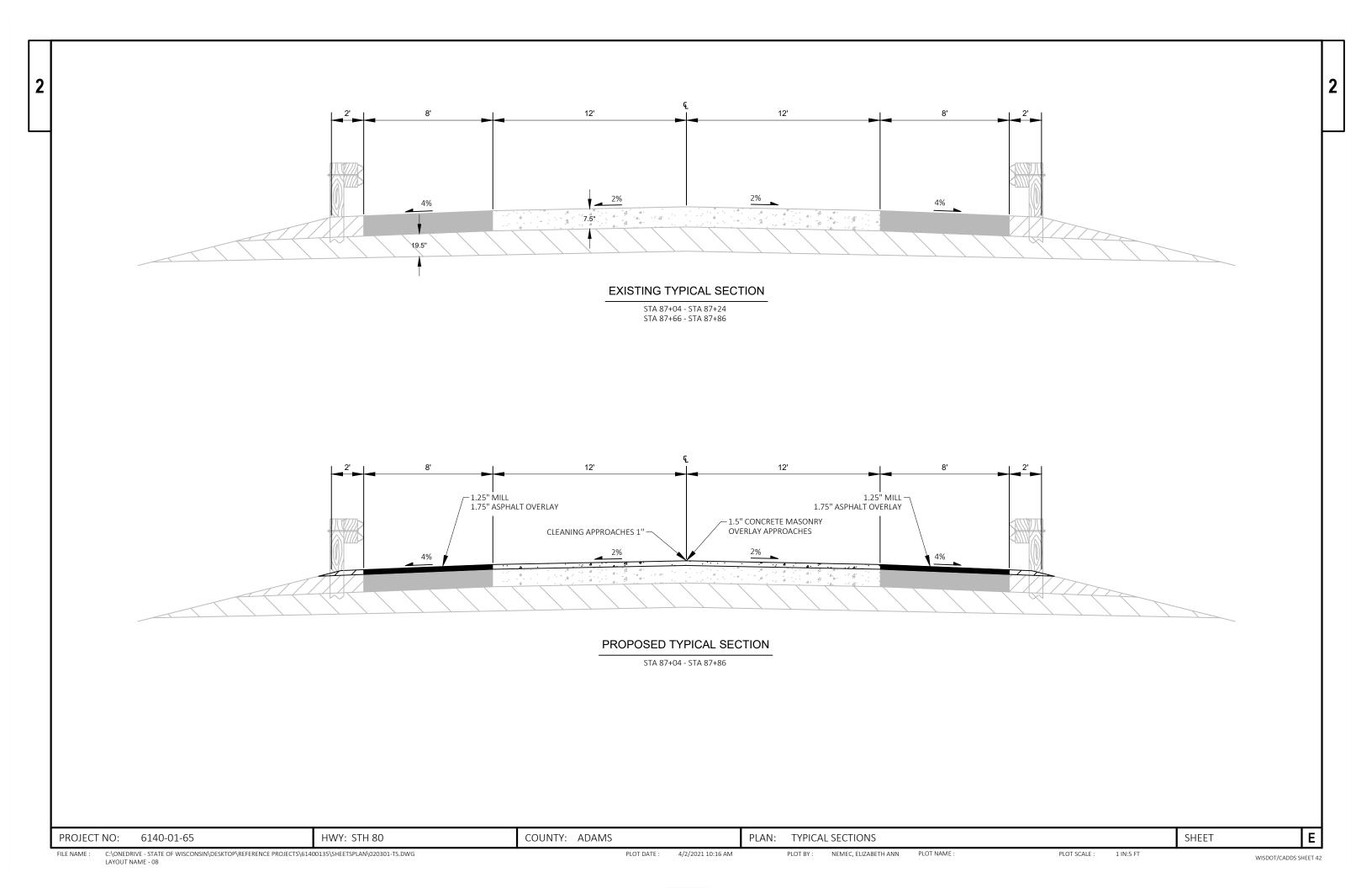


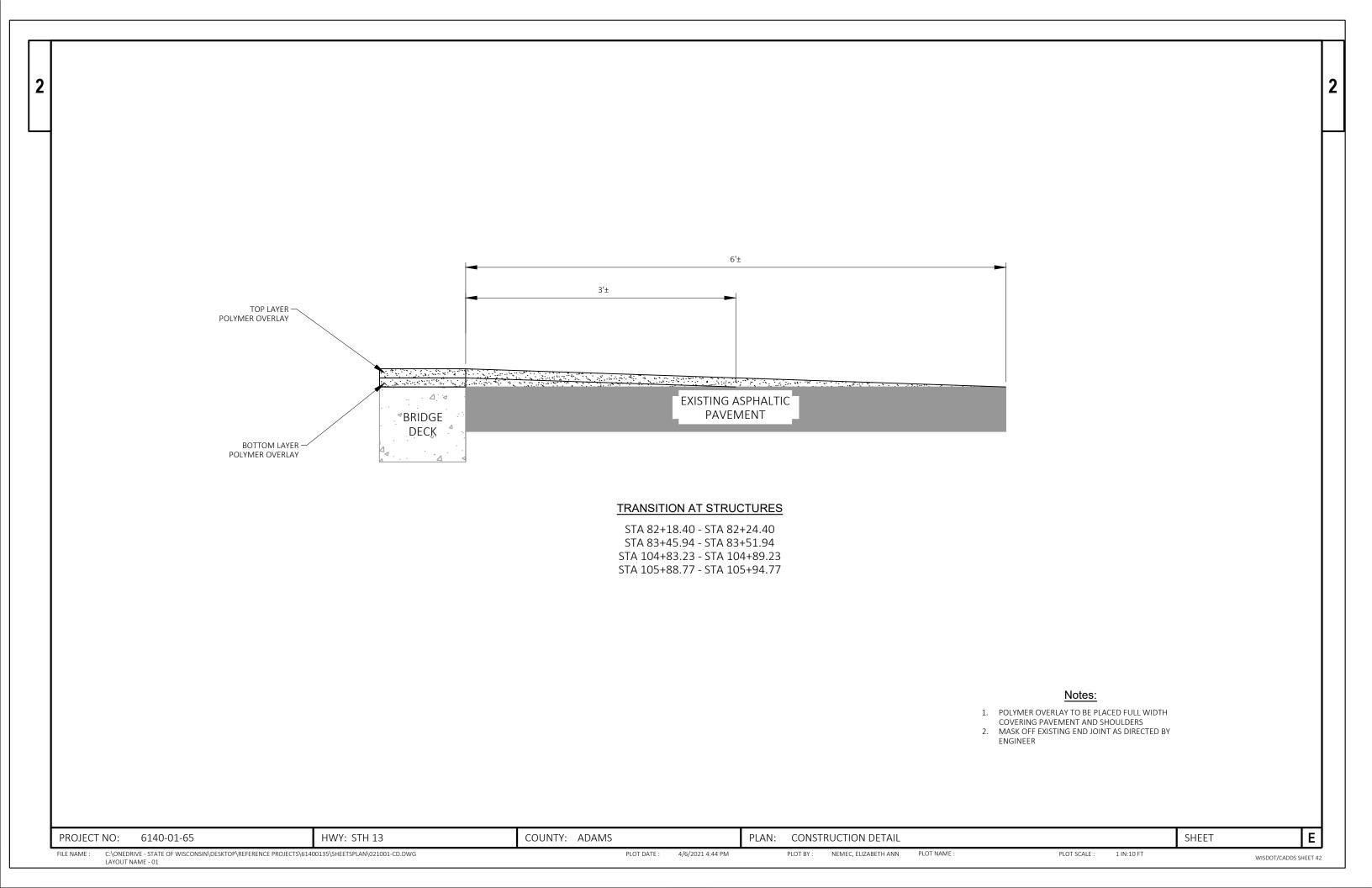
?WY??T? 13 CO??TY? ADAM? ??? EET PROÆCT ? O? 6140-01-65 PROŒCT OZERZIEW PLOT BY 2 WIGA2 D222 2T12 R PLOT DATE 2 572172018 3717 PM PLOT 2 AME 2 PLOT @CALE @ 1 I2 2100 2T WIZDOTZCADDZ ZZ EET 42

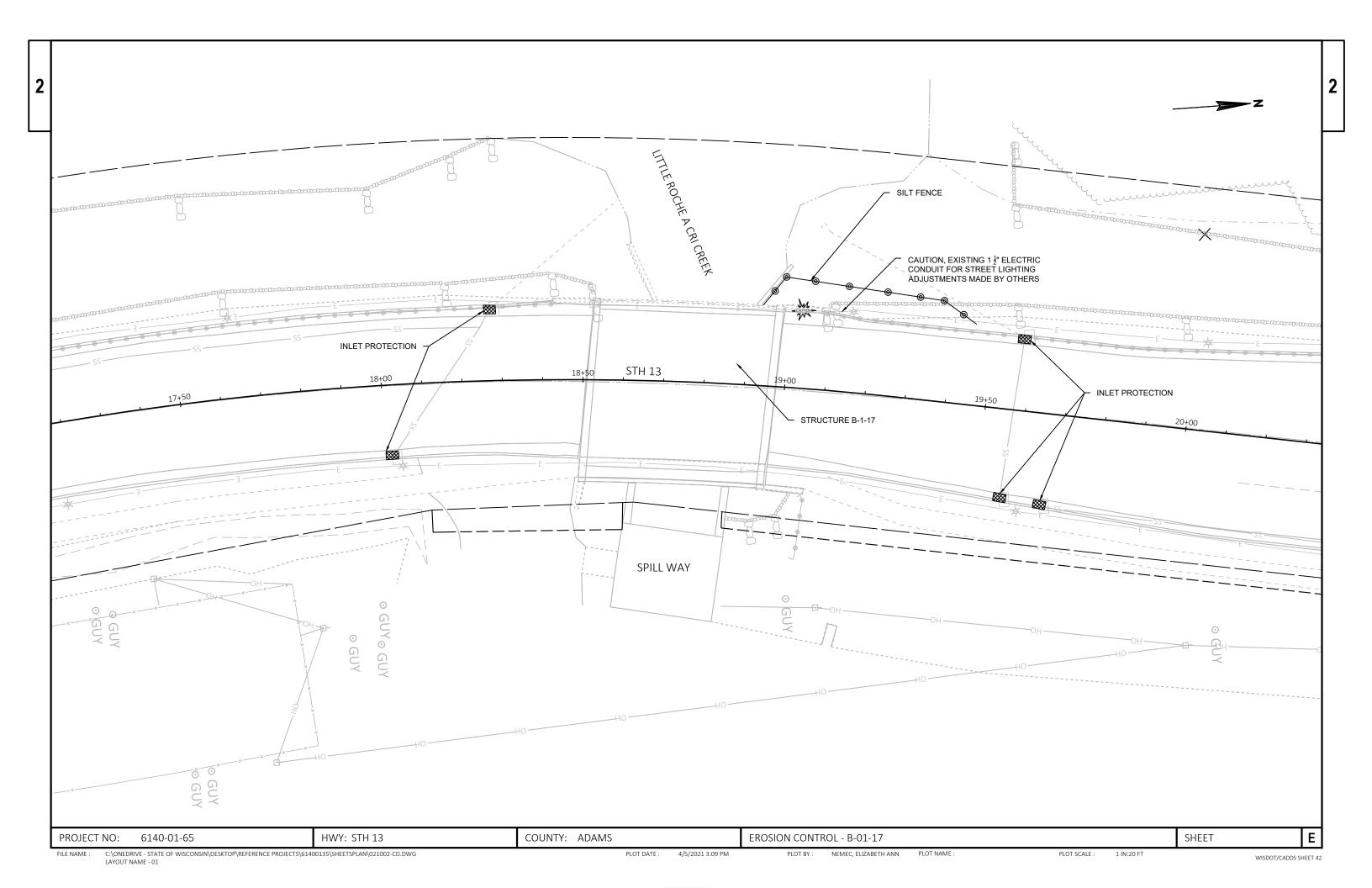


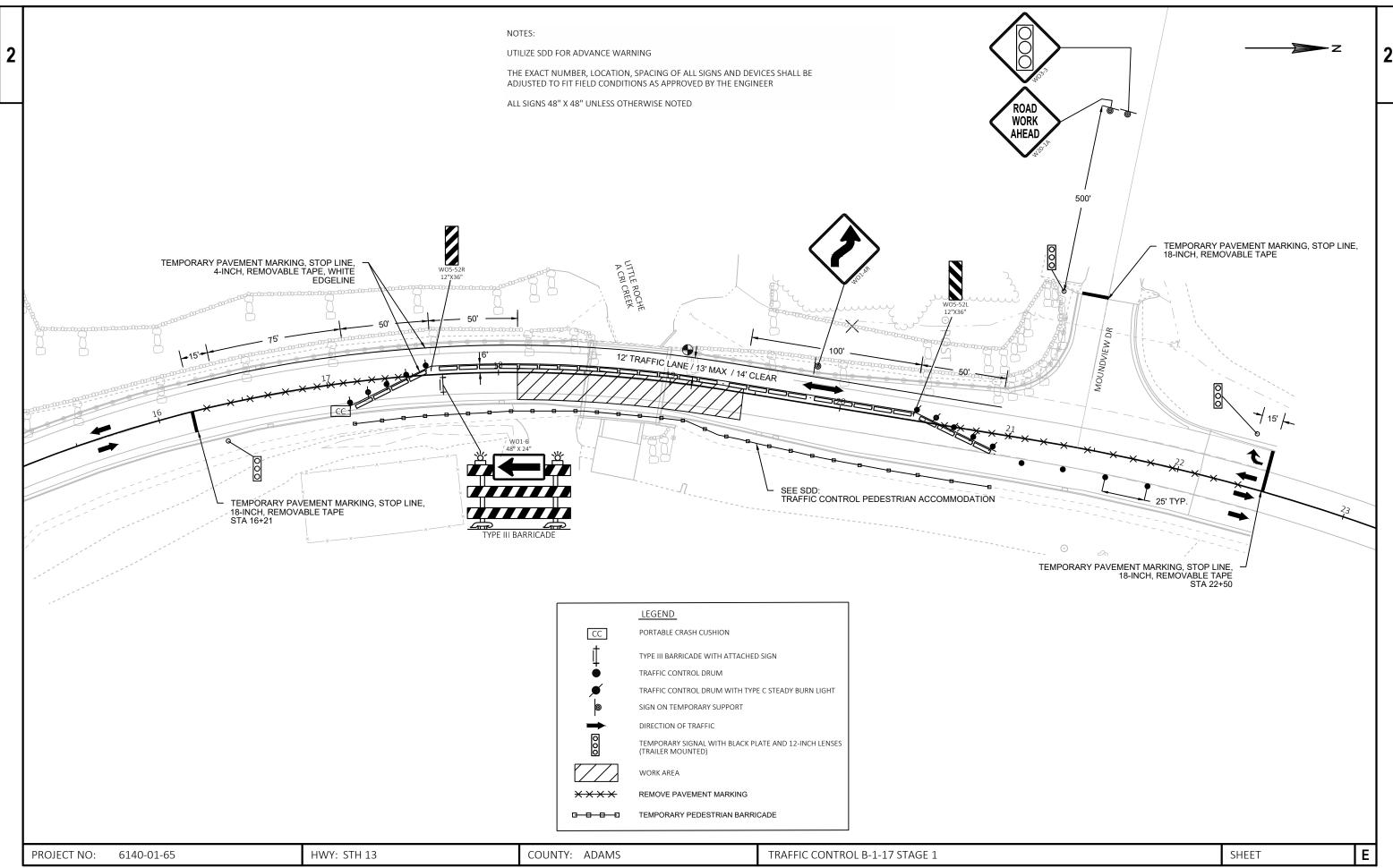


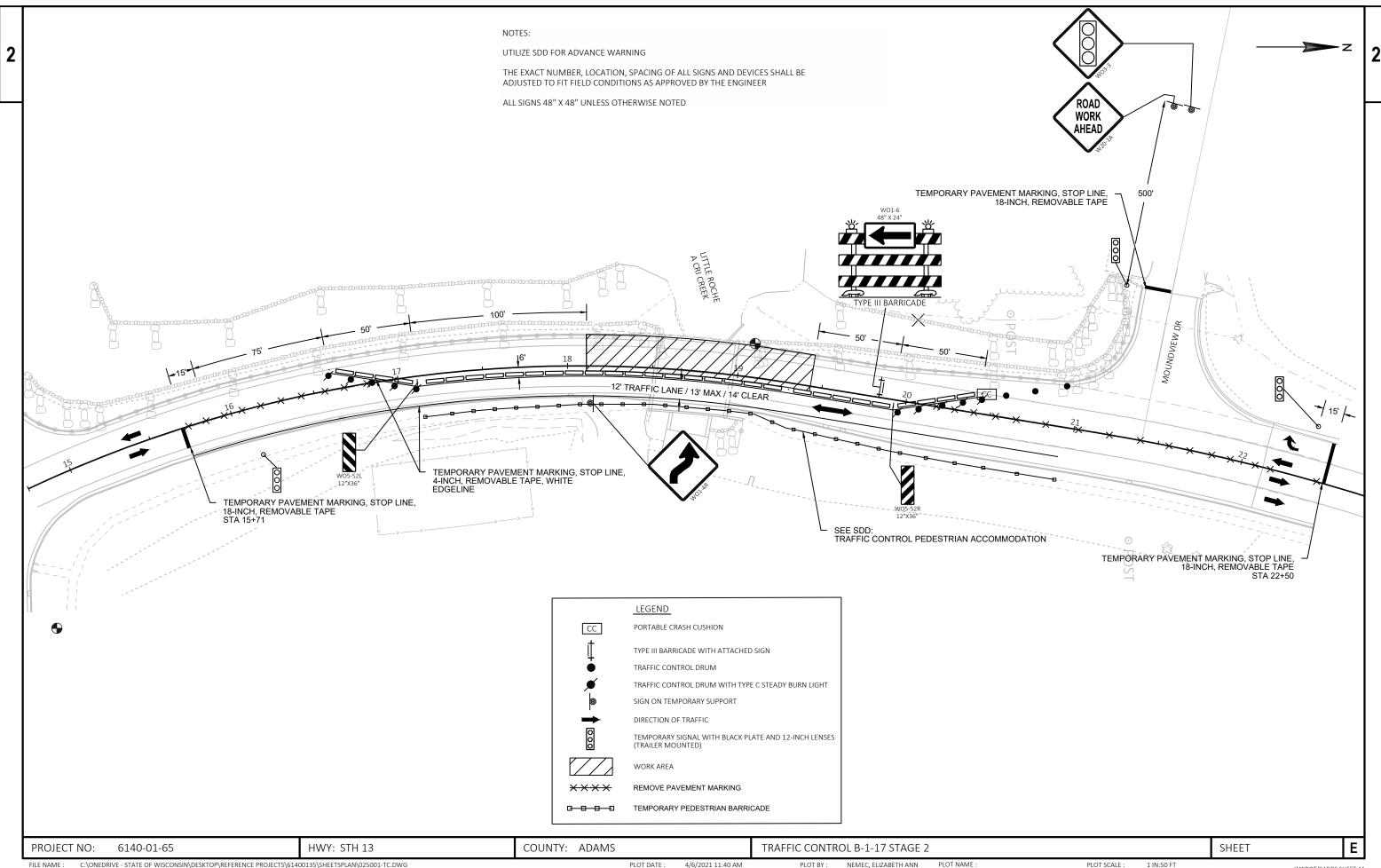












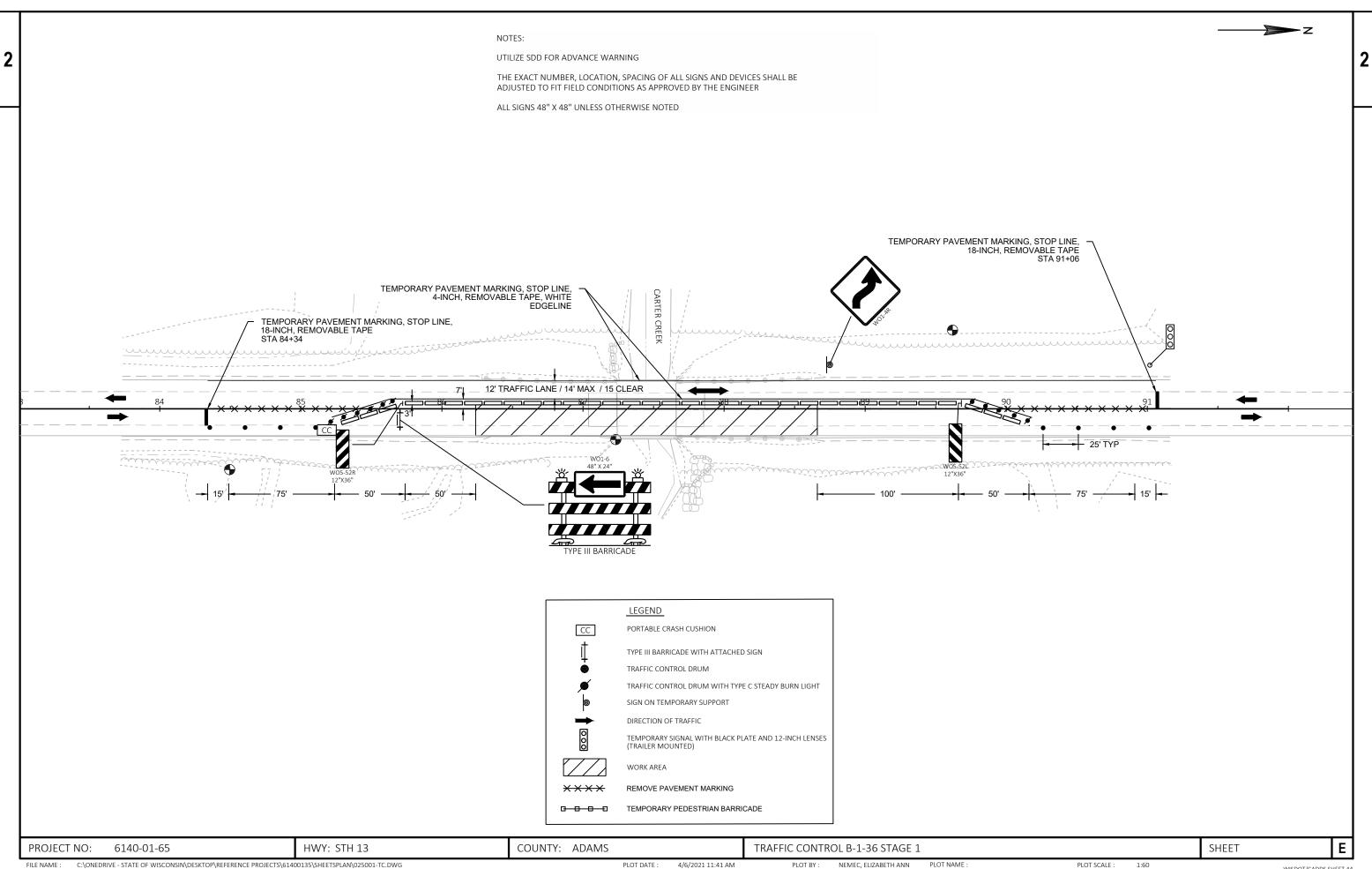
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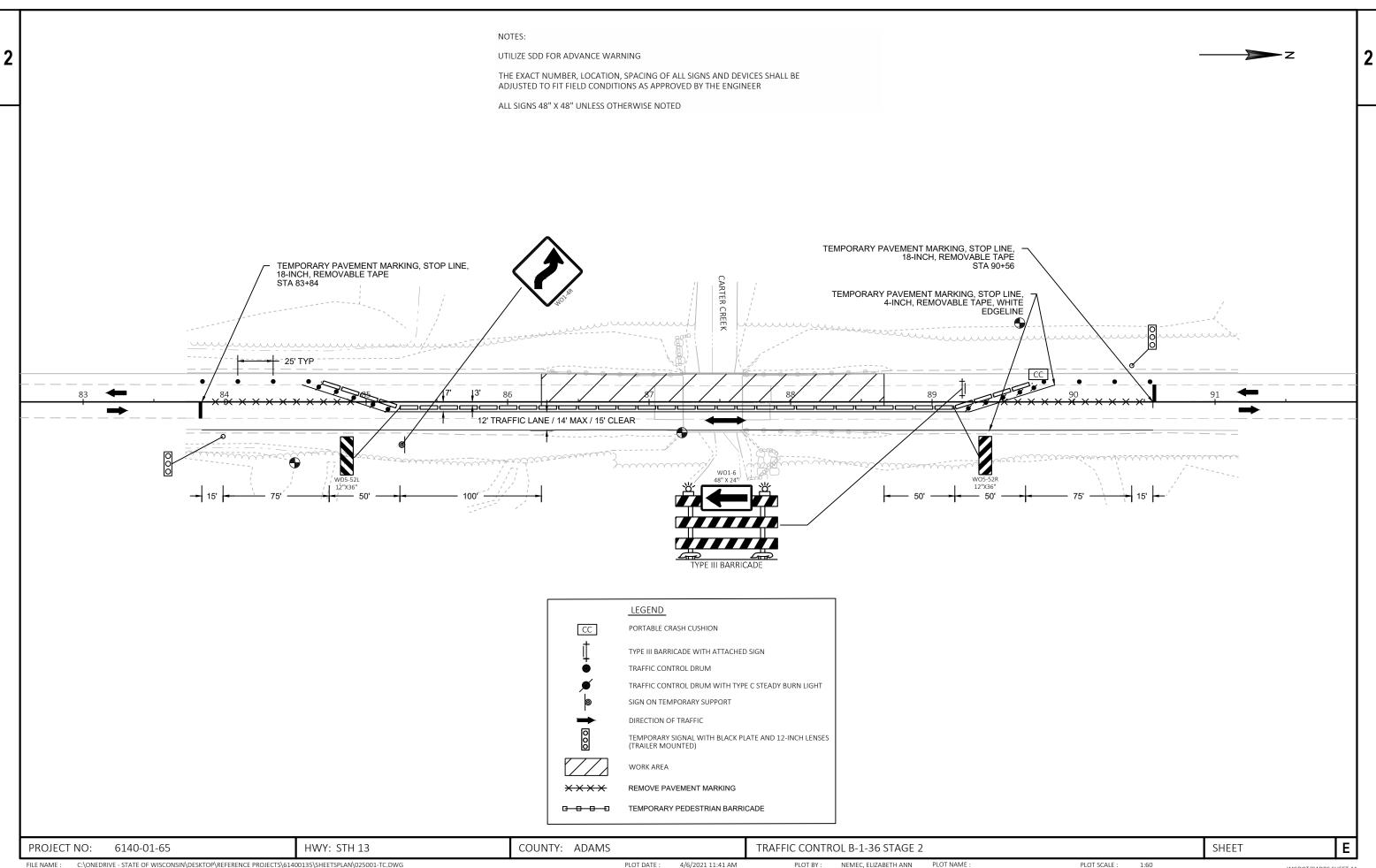
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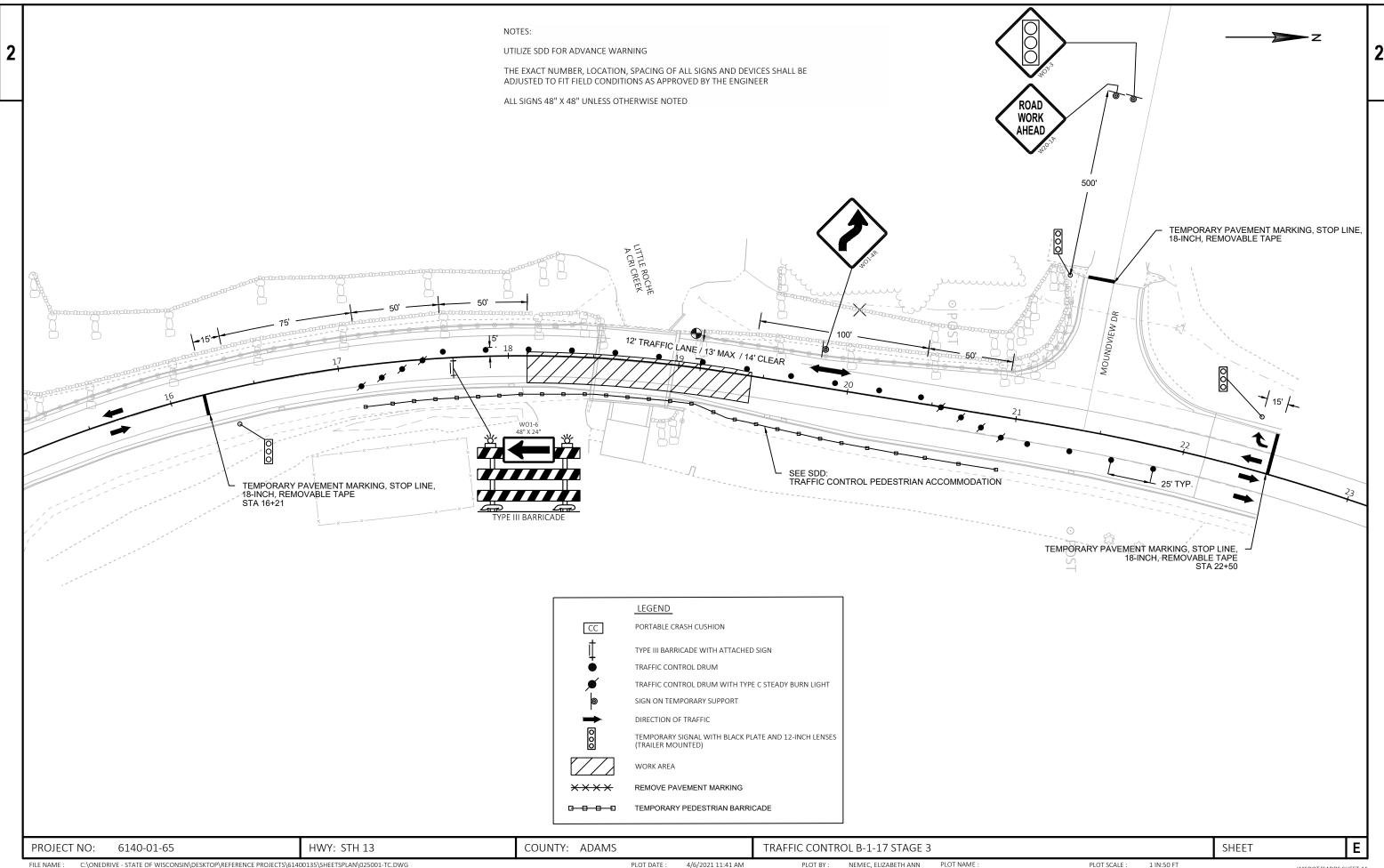
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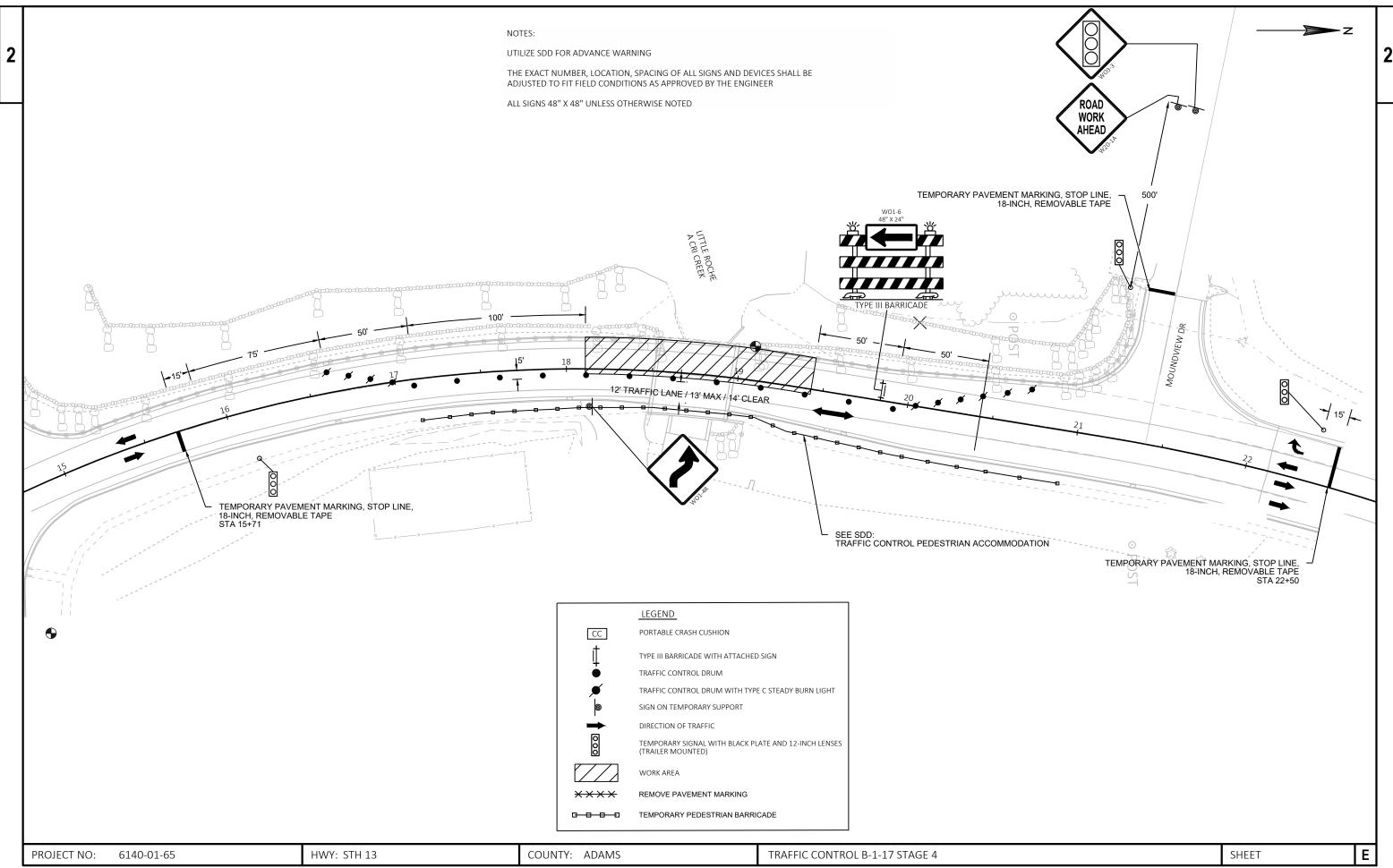
PLOT BY: NEMEC, ELIZABETH ANN

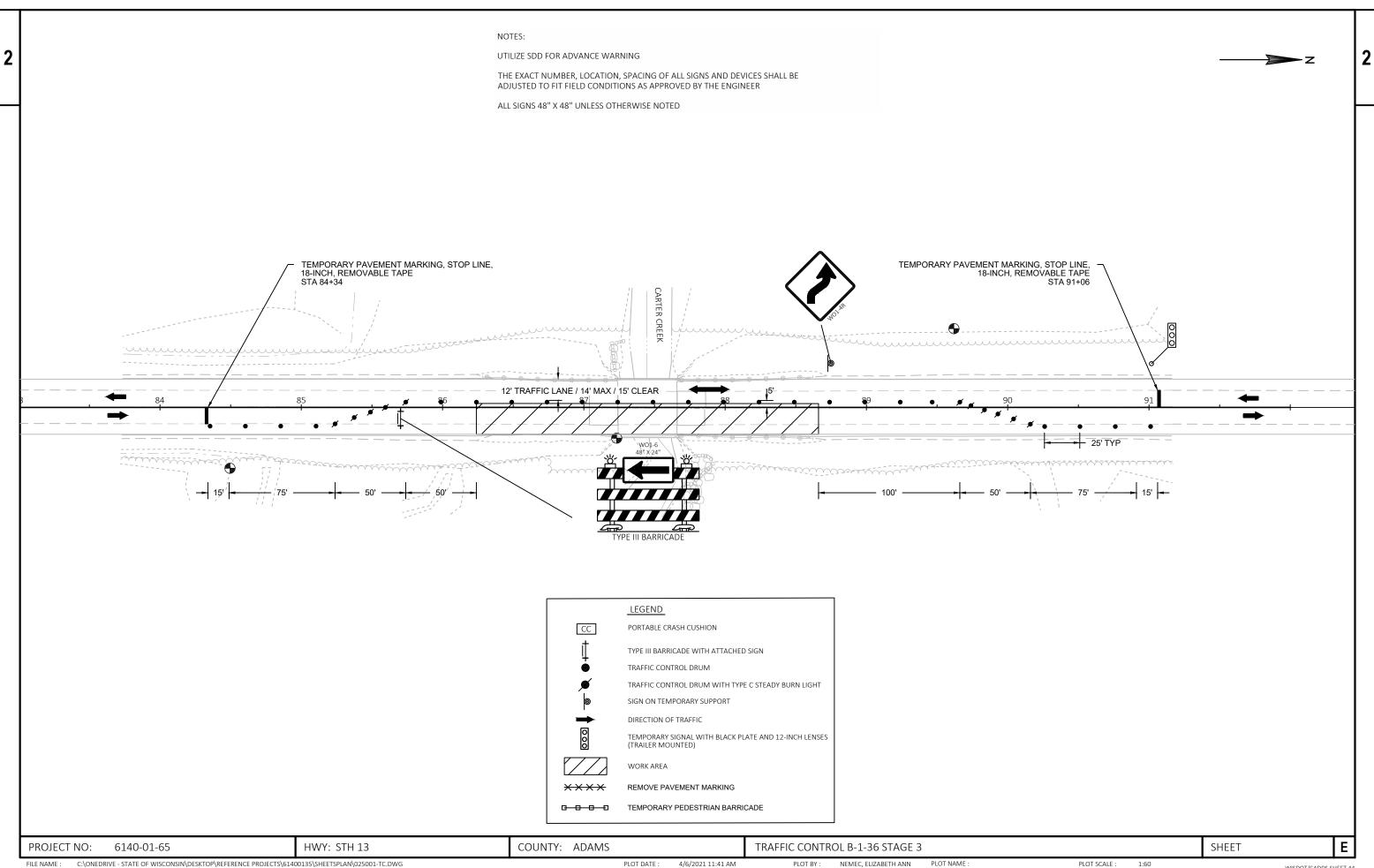
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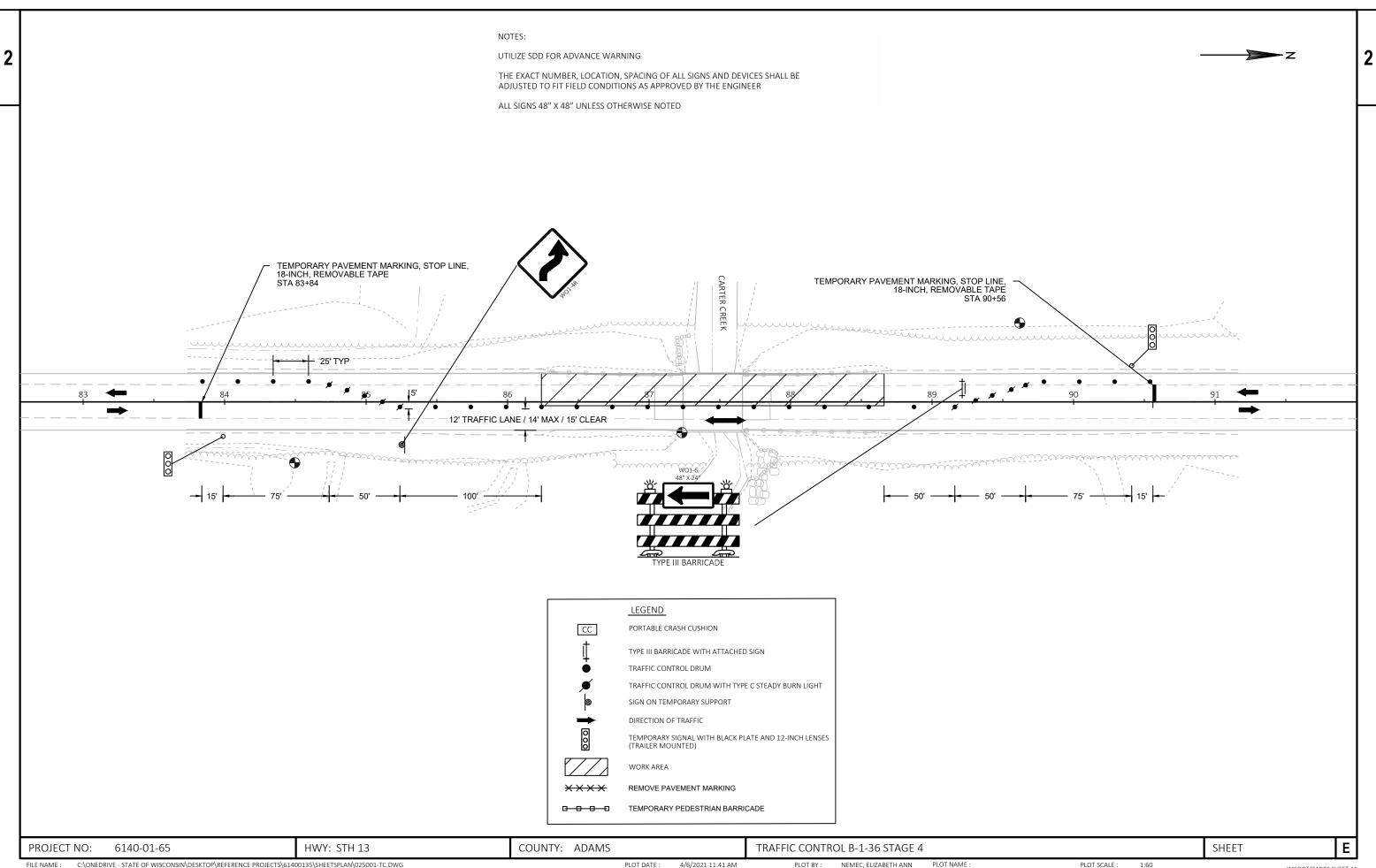






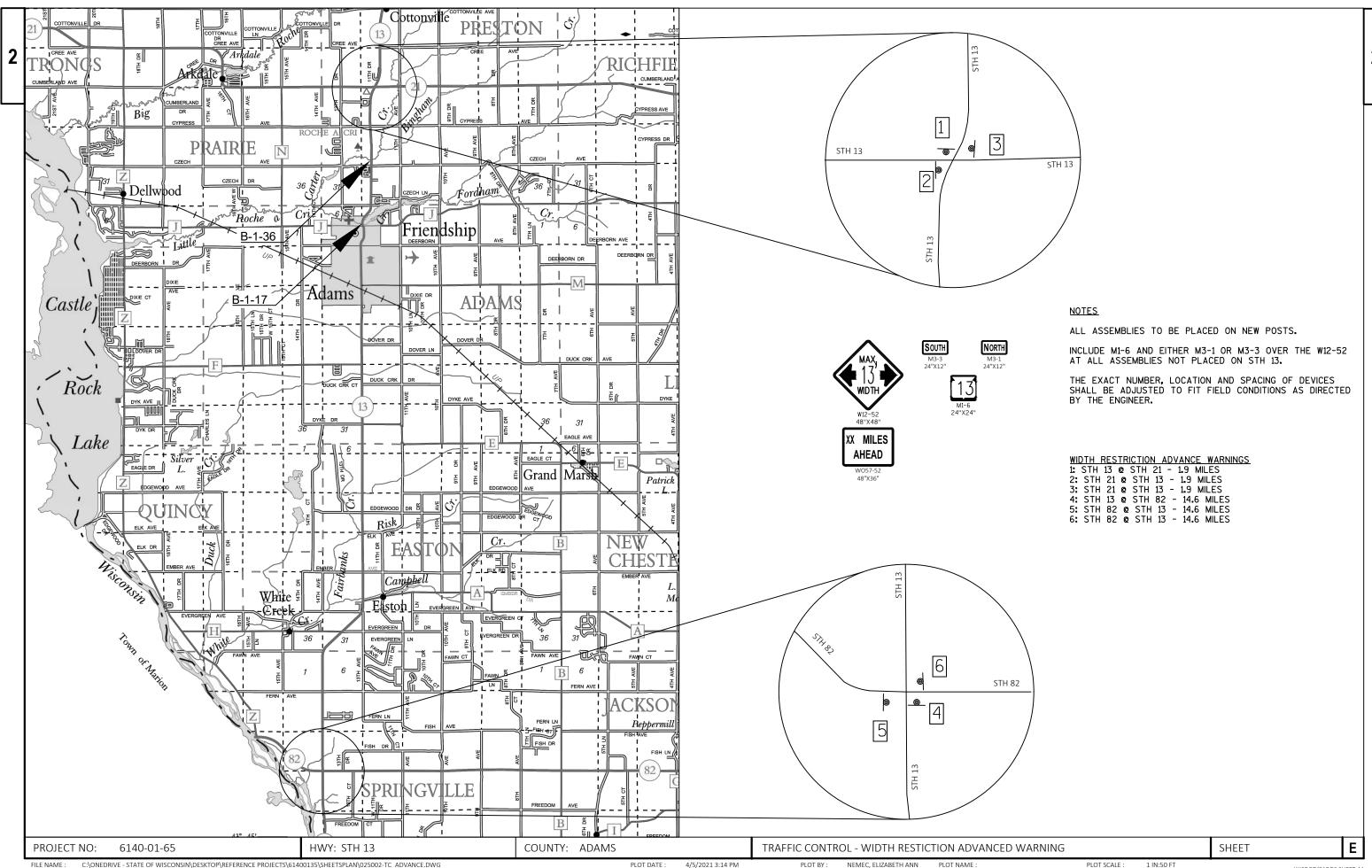






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WISDOT/CADDS SHEET 44



TEMPORARY SIGNAL TIMING B-1-17

SIGNAL TIMING PROVIDED BY NC REGION TRAFFIC SECTION

STAGE 1 AND STAGE 3

6:00 AM T	O 8:00 PM	8:00 PM T	O 6:00 AM
NB S	TH 13	NB S	TH 13
GREEN	29 SEC	GREEN	24 SEC
YELLOW	3 SEC	YELLOW	3 SEC
RED	21 SEC	RED	21 SEC
SB STH 13		SB S	TH 13
GREEN	29 SEC	GREEN	24 SEC
YELLOW	3 SEC	YELLOW	3 SEC
RED	6 SEC	RED	6 SEC
EB MOUNDVIEW DR		EB MOUN	DVIEW DR
GREEN	5 SEC	GREEN	4 SEC
YELLOW	3 SEC	YELLOW	6 SEC
RED	20 SEC	RED	20 SEC

STAGE 2 AND STAGE 4

OTAGE ZAND GIAGE 4									
6:00 AM T	O 8:00 PM		8:00 PM T	O 6:00 AM					
NB S	TH 13		NB S	TH 13					
GREEN	30 SEC		GREEN	24 SEC					
YELLOW	3 SEC		YELLOW	3 SEC					
RED	22 SEC		RED	22 SEC					
SB S	TH 13		SB STH 13						
GREEN	30 SEC		GREEN	24 SEC					
YELLOW	3 SEC		YELLOW	3 SEC					
RED	6 SEC		RED	6 SEC					
EB MOUN	DVIEW DR		EB MOUN	DVIEW DR					
GREEN	5 SEC		GREEN	4 SEC					
YELLOW	3 SEC		YELLOW	6 SEC					
RED	21 SEC		RED	21 SEC					

PHASES SHALL GO IN ORDER AS PRESENTED. PHASES SHALL NOT BE SKIPPED. SIGNAL TIMING IS BASED ON STOP BAR DISTANCE. DISTANCE BETWEEN STOP BARS ON STH 13 IS 629 FEET AND DISTANCE BETWEEN STOP BAR ON STH 13 AND MOUNDVIEW DR IS 504 FT.

TEMPORARY SIGNAL TIMING B-1-36

SIGNAL TIMING PROVIDED BY NC REGION TRAFFIC SECTION

STAGE 1 AND STAGE 3

6:00 AM TO 8:00 PM						
NB S	TH 13					
GREEN	26 SEC					
YELLOW	5 SEC					
RED	22 SEC					
SB S	TH 13					
GREEN	26 SEC					
YELLOW	5 SEC					
RED	22 SEC					

8:00 PM TO 6:00 AM								
NB STH 13								
GREEN	21 SEC							
YELLOW	5 SEC							
RED	22 SEC							
SB S	TH 13							
GREEN	21 SEC							
YELLOW	5 SEC							
RED	22 SEC							

STAGE 2 AND STAGE 4

6:00 AM TO 8:00 PM									
NB STH 13									
GREEN 30 SEC									
YELLOW	3 SEC								
RED	22 SEC								
SB S	TH 13								
GREEN	30 SEC								
YELLOW	3 SEC								
RED	6 SEC								

8:00 PM TO 6:00 AM									
NB STH 13									
GREEN	24 SEC								
YELLOW	3 SEC								
RED	22 SEC								
SB S	TH 13								
GREEN	24 SEC								
YELLOW	3 SEC								
RED	6 SEC								

PHASES SHALL GO IN ORDER AS PRESENTED. PHASES SHALL NOT BE SKIPPED. SIGNAL TIMING IS BASED ON STOP BAR DISTANCE. DISTANCE BETWEEN STOP BARS ON STH 13 IS 672 FT.

6140-01-65 HWY: STH 13 COUNTY: ADAMS SHEET PROJECT NO: TRAFFIC CONTROL - SIGNAL TIMING FILE NAME :

					6140-01-65	
Line	Item	Item Description	Unit	Total	Qty	
0002	203.0200	Removing Old Structure (station) 01. B-1-17 Wingwall	LS	1.000	1.000	
0004	204.0120	Removing Asphaltic Surface Milling	SY	760.000	760.000	
0006	206.1000	Excavation for Structures Bridges (structure) 01. B-1-17 Wingwall	LS	1.000	1.000	
8000	210.1500	Backfill Structure Type A	TON	13.000	13.000	
0010	213.0100	Finishing Roadway (project) 01. 6140-01-65	EACH	1.000	1.000	
0012	305.0110	Base Aggregate Dense 3/4-Inch	TON	70.000	70.000	
0014	450.4000	HMA Cold Weather Paving	TON	75.000	75.000	
0016	455.0605	Tack Coat	GAL	16.000	16.000	
0018	460.2000	Incentive Density HMA Pavement	DOL	50.000	50.000	
0020	460.5224	HMA Pavement 4 LT 58-28 S	TON	75.000	75.000	
0022	502.0100	Concrete Masonry Bridges	CY	3.000	3.000	
0024	502.3200	Protective Surface Treatment	SY	385.000	385.000	
0026	502.3210	Pigmented Surface Sealer	SY	25.000	25.000	
0028	502.4205	Adhesive Anchors No. 5 Bar	EACH	26.000	26.000	
0030	505.0600	Bar Steel Reinforcement HS Coated Structures	LB	540.000	540.000	
0032	509.0200	Preparation Approaches	SY	420.000	420.000	
0034	509.0301	Preparation Decks Type 1	SY	53.000	53.000	
0036	509.0302	Preparation Decks Type 2	SY	23.000	23.000	
0038	509.0500	Cleaning Decks	SY	385.000	385.000	
0040	509.0600	Cleaning Approaches	SY	420.000	420.000	
0042	509.1500	Concrete Surface Repair	SF	160.000	160.000	
0044	509.2000	Full-Depth Deck Repair	SY	2.000	2.000	
0046	509.2500	Concrete Masonry Overlay Decks	CY	26.000	26.000	
0048	509.2600	Concrete Masonry Overlay Approaches	CY	19.000	19.000	
0050	509.5100.S	Polymer Overlay	SY	385.000	385.000	
0052	509.9050.S	Cleaning Parapets	LF	67.000	67.000	
0054	517.1800.S	Structure Repainting Recycled Abrasive (structure) 01. B-1-36	LS	1.000	1.000	
0056	517.4500.S	Negative Pressure Containment and Collection of Waste Materials (structure) 01. B-1-36	LS	1.000	1.000	
0058	517.6001.S	Portable Decontamination Facility	EACH	1.000	1.000	
0060	603.8000	Concrete Barrier Temporary Precast Delivered	LF	877.000	877.000	
0062	603.8125	Concrete Barrier Temporary Precast Installed	LF	1,754.000	1,754.000	
0064	614.0150	Anchor Assemblies for Steel Plate Beam Guard	EACH	1.000	1.000	
0066	614.0905	Crash Cushions Temporary	EACH	4.000	4.000	
0068	618.0100	Maintenance And Repair of Haul Roads (project) 01. 6140-01-65	EACH	1.000	1.000	
0070	619.1000	Mobilization	EACH	1.000	1.000	
0072	625.0100	Topsoil	SY	100.000	100.000	
0074	627.0200	Mulching	SY	100.000	100.000	

					6140-01-65
Line	Item	Item Description	Unit	Total	Qty
0076	628.1504	Silt Fence	LF	45.000	45.000
0078	628.1520	Silt Fence Maintenance	LF	45.000	45.000
0800	628.1905	Mobilizations Erosion Control	EACH	2.000	2.000
0082	628.1910	Mobilizations Emergency Erosion Control	EACH	2.000	2.000
0084	628.7010	Inlet Protection Type B	EACH	10.000	10.000
0086	628.7570	Rock Bags	EACH	30.000	30.000
8800	629.0210	Fertilizer Type B	CWT	6.000	6.000
0090	630.0120	Seeding Mixture No. 20	LB	2.000	2.000
0092	630.0500	Seed Water	MGAL	1.000	1.000
0094	642.5001	Field Office Type B	EACH	1.000	1.000
0096	643.0300	Traffic Control Drums	DAY	1,600.000	1,600.000
0098	643.0420	Traffic Control Barricades Type III	DAY	75.000	75.000
0100	643.0715	Traffic Control Warning Lights Type C	DAY	1,050.000	1,050.000
0102	643.0900	Traffic Control Signs	DAY	3,450.000	3,450.000
0104	643.5000	Traffic Control	EACH	1.000	1.000
0106	644.1810	Temporary Pedestrian Barricade	LF	380.000	380.000
0108	646.1020	Marking Line Epoxy 4-Inch	LF	1,500.000	1,500.000
0110	646.6464	Cold Weather Marking Epoxy 4-Inch	LF	1,232.000	1,232.000
0112	646.9000	- · ·	LF	1,500.000	1,500.000
0114	649.0150	· · · · · · · · · · · · · · · · · · ·	LF	4,112.000	4,112.000
0116	649.0850	Temporary Marking Stop Line Removable Tape 18-Inch	LF	192.000	192.000
0118	650.6500	Construction Staking Structure Layout (structure) 01. B-1-17		1.000	1.000
0120	650.9910	Construction Staking Supplemental Control (project) 01. 6140-01-65	LS	1.000	1.000
0122	661.0100	Temporary Traffic Signals for Bridges (structure) 01. B-1-17	LS	1.000	1.000
0124	661.0100	Temporary Traffic Signals for Bridges (structure) 02. B-1-36	LS	1.000	1.000
0126	690.0150	Sawing Asphalt	LF	80.000	80.000
0128	690.0250	Sawing Concrete	LF	67.000	67.000
0130	715.0502	Incentive Strength Concrete Structures	DOL	500.000	500.000
0132	ASP.1T0A	On-the-Job Training Apprentice at \$5.00/HR	HRS	150.000	150.000
0134	ASP.1T0G	On-the-Job Training Graduate at \$5.00/HR	HRS	300.000	300.000
0136	SPV.0090	Special 01. Remove and Replace Guardrail	LF	50.000	50.000

			APPROACI	HES					ITEMS	N CAT 0010 U	NLESS OTHER	RWISE NOTED
STATION - STATION	204.0120 REMOVE ASPHALTIC SURFACE MILLING SY	450.4000 HMA COLD WEATHER TON	460.5224 4 LT 58-28 S TON	455.0605 TACK COAT GAL	509.0200 PREPARATION SY	509.0600 CLEANING SY	509.2600 CONCRETE MASO OVERLAY CY	DNRY	<u>FI</u>	INISHING RO	213.0100	
18+11 - 18+51 18+97.73 - 19+42.73 86+24 - 87+24 87+66 - 88+66	 378 382 760	 37 38	 37 38	 8 8	141 171 54 54	141 171 54 54	6 7 3 3				FINISHING ROADWAY EACH	
	ASE AGGREGATE DENSE	<u>:</u> 05.0110 4-INCH	/ARKS		ENANCE AND REP	AIR OF HAUL ROAI 618.0100 MAINTENANACE		<u>MC</u>	DBILIZATIONS ER 628.1905 MOBILIZATIONS	62 MOBII EME	28.1910 LIZATIONS ERGENCY	
86+24 - 87+24 86+24 - 87+24 87+66 - 88+66 87+66 - 88+66	STH 13 LT STH 13 RT STH 13 LT	18 B- 19 B- 16 B-	-1-17 -1-17 -1-36 -1-36	-	A	AND REPAIR OF HAUL ROADS EACH 1	18+	ON - STATION -11 - 19+42 JECT TOTALS	EROSION CONTROL EACH 2 2	CC	ROSION DNTROL EACH 2 2	REMARKS
SILT FENCE SILT FENCE SILT FENC												

MISCELLANEOUS QUANTITIES

SHEET:

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

COUNTY: ADAMS

HWY: STH 13

PROJECT NO: 6140-01-65

ITEMS IN CAT 0010 UNLESS OTHERWISE NOTED

CRASH CUSHIONS

(SEE TRAFFIC CONTROL SCHEDULE SHEETS FOR LOCATION)

	614.0905 CRASH CUSHIONS TEMPORARY EACH	BACK WIDTH FT	OBJECT MARKING PATTERN	CRASH TEST LEVEL	TRAFFIC DIRECTION	TRAFFIC LOCATION	CRASH CUSHION SHIELDS
			OM-3R				Blunt end of the temporary
B-1-17 STAGE 1 TOTALS	1	2	(W05-58R)	TL-3	Bidirectional	L	barrier
			OM-3R				Blunt end of the temporary
B-1-17 STAGE 2 TOTALS	1	2	(W05-58R)	TL-3	Bidirectional	L	barrier
			OM-3R				Blunt end of the temporary
B-1-36 STAGE 1 TOTALS	1	2	(W05-58R)	TL-3	Bidirectional	L	barrier
			OM-3R				Blunt end of the temporary
B-1-36 STAGE 2 TOTALS	1	2	(W05-58R)	TL-3	Bidirectional	L	barrier
PROJECT TOTALS	4						

INLET PROTECTION

STATION	LOCATION	628.7010 TYPE B EACH	628.7570 ROCK BAGS EACH
18+02 RT	CURB	2	6
18+27 LT	CURB	2	6
19+56 RT	CURB	2	6
19+58 LT	CURB	2	6
19+66 RT	9+66 RT CURB		6
PROJ	ECT TOTALS	10	30

TRAFFIC CONTROL

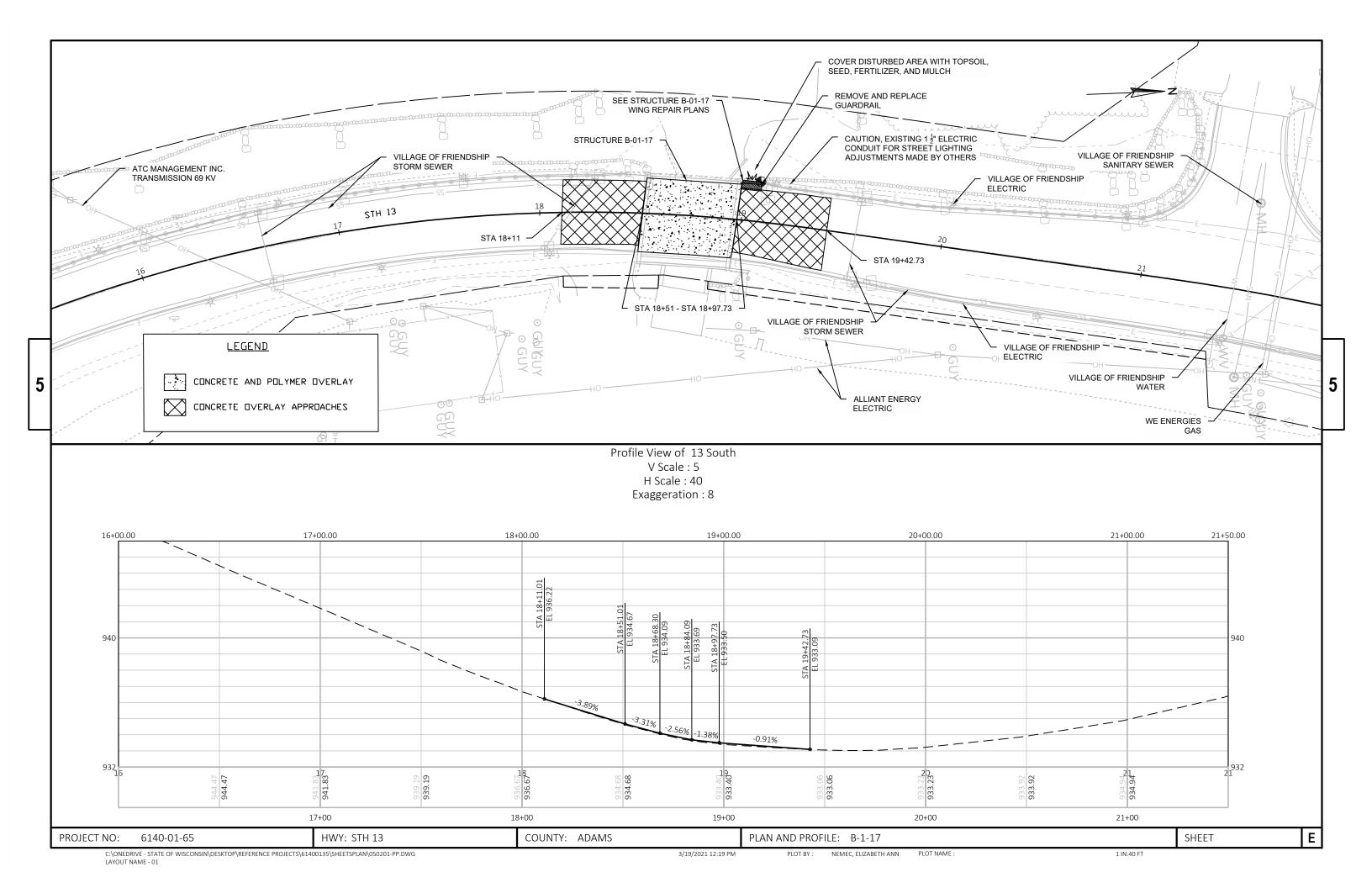
(SEE TRAFFIC CONTROL SCHEDULE SHEETS FOR LOCATION AND QUANTITY BREAKDOWN)

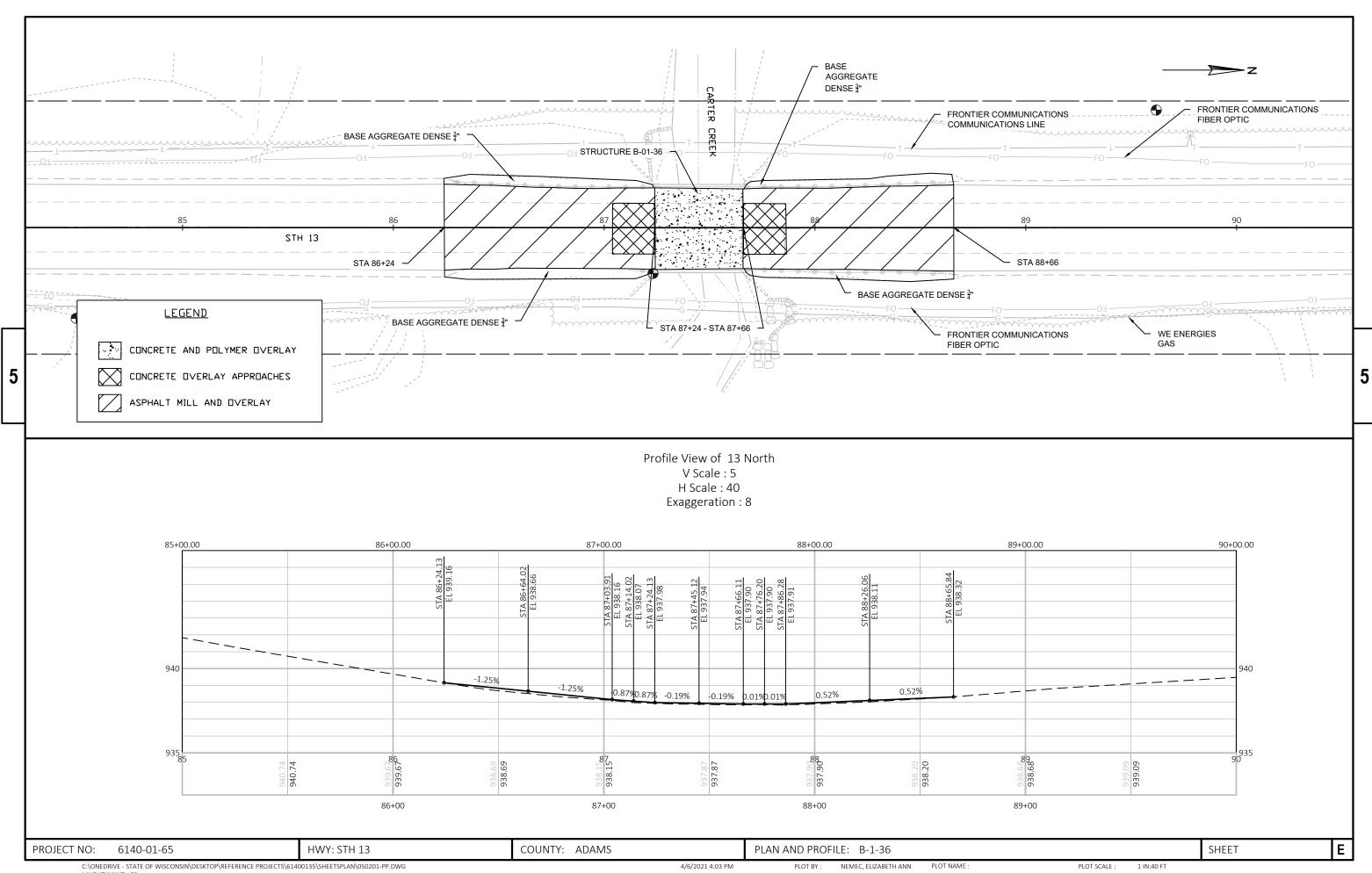
	STAGE DAYS	603.8000 CONCRETE BARRIER PRECAST DELIVERED LF	603.8125 CONCRETE BARRIER PRECAST INSTALLED LF	DRUMS QTY	643.0300 DRUMS DAYS	BARRICADES TYPE III QTY	643.0420 BARRICADES TYPE III DAYS	TYPE C LIGHTS QTY	643.0715 WARNING LIGHTS TYPE C DAYS	SIGNS QTY	643.0900 SIGNS DAYS	646.9000 MARKING REMOVAL 4-INCH LF	649.0150 TEMPORARY MARKING LINE 4-INCH TAPE LF	649.0850 TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH LF
ADVANCED WARNING	75									24	1800			
B-1-17 STAGE 1 TOTALS	12	385	385	20	240	1	12	14	168	22	264	510	892	36
B-1-17 STAGE 2 TOTALS	19		385	16	304	1	19	14	266	22	418	722	892	12
B-1-36 STAGE 1 TOTALS	14	492	492	20	280	1	14	14	196	22	308		1164	24
B-1-36 STAGE 2 TOTALS	14		492	20	280	1	14	14	196	22	308		1164	24
B-1-17 STAGE 3 TOTALS	4			30	120	1	4	14	56	22	88			36
B-1-17 STAGE 4 TOTALS	4			26	104	1	4	14	56	22	88			12
B-1-36 STAGE 3 TOTALS	4			34	136	1	4	14	56	22	88	100		24
B-1-36 STAGE 4 TOTALS	4			34	136	11	4	14	56	22	88	168	<u></u>	24
PROJECT TOTALS		877	1754		1600		75		1050		3450	1500	4112	192
PROJECT NO: 6140-01-65		HWY: ST	 H 13		COUNTY:	ADAMS	MISO	CELLANEOUS	QUANTITIES				SHEE	T: [

FILE NAME : ______ PLOT BY : _____ PLOT BY : _____ PLOT NAME : _____ PLOT SCALE : 1:1

FIELD OFFICE 642.5001	PEDESTRIAN BARRICADE 644.1810 STATION - STATION LOCATION LF REMARKS 17+13 - 20+93 SIDEWALK 380 PROJECT TOTAL 380	STATION - STATION 18+11 - 19+43 86+24 - 88+66 18+11 - 19+43 86+24 - 88+66	STAGE 2 STAGE 2 STAGE 4 STAGE 4 STAGE 4 STAGE 4	LINE EPOXY LI 4-INCH	646.1020 646.6464 INE EPOXY 4-INCH MARKING EPOXY 4-INCH LF LF 264 264 484 968 100 84 932 0 1232
TRAFFIC CONTROL 643.5000 PROJECT EACH 6140-01-65 1 PROJECT TOTAL 1	CONSTRUCTION STAKING 650.6500 650.9910 STRUCTURE SUPPELMENTAL LAYOUT CONTROL LOCATION LS LS PROJECT 1 B-1-17 1 PROJECT TOTAL 1 1 1	STATION - STATION 15+86 - 20+97 83+84 - 91+06 PRO	LOCATION B-1-17 B-1-36 DJECT TOTAL	661.0100.01 FOR BRIDGES (STRUCTURE B-1: LS 1	661.0100.02 FOR BRIDGES
SAWING ASPHALT 690.0150 STATION LOCATION LF REMAR 86+24 40 88+66 40 PROJECT TOTAL 80	SAWING CONCRETE 690.0250	IARKS	SPV.0090.01 REMOVE AND REMOVE AND REPLACE GUARDRAIL LOCATION LF B-1-17 NW WINGWALL 50 PROJECT TOTAL 50		

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





Standard Detail Drawing List

08E09-06	SILT FENCE
08E10-02	INLET PROTECTION TYPE A, B, C AND D
09G02-05A	BRIDGE TEMPORARY TRAFFIC SIGNAL INSTALLATION
09G02-05B	BRIDGE TEMPORARY TRAFFIC SIGNAL INSTALLATION
09G02-05C	BRIDGE TEMPORARY TRAFFIC SIGNAL INSTALLATION
14B07-15A	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-15B	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-15C	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-15D	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-15E	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-15F	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-15G	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-15H	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-15I	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B08-02A	CRASH CUSHION/SAND BARREL ARRAY AND OTHER TEMPORARY BARRIER LAYOUT DETAILS
14в08-02в	CRASH CUSHION/SAND BARREL ARRAY AND OTHER TEMPORARY BARRIER LAYOUT DETAILS
14B08-02C	CRASH CUSHION/SAND BARREL ARRAY AND OTHER TEMPORARY BARRIER LAYOUT DETAILS
14B08-02D	CRASH CUSHION/SAND BARREL ARRAY AND OTHER TEMPORARY BARRIER LAYOUT DETAILS
14B08-02E	CRASH CUSHION/SAND BARREL ARRAY AND OTHER TEMPORARY BARRIER LAYOUT DETAILS
15C02-08F	ADVANCED WIDTH RESTRICTION SIGNING
15C08-20A	LONGITUDINAL MARKING (MAINLINE)
15C11-08B	CHANNELIZING DEVICES DRUMS, CONES, BARRICADES AND VERTICAL PANELS
15C19-06A	MOVING PAVEMENT MARKING OPERATION TWO-LANE TWO-WAY ROADWAY
15D30-06A	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-06B	TRAFFIC CONTROL, TEMPORARY ADA COMPLIANT PEDESTRIAN ACCOMMODATION
15D30-06C	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D33-06	TRAFFIC CONTROL, ONE LANE ROAD WITH TEMPORARY SIGNALS
15D38-02A	TEMPORARY TRAFFIC CONTROL SIGN MOUNTING
15D38-02B	ATTACHMENT OF SIGNS TO POSTS

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)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
4-29-05 /S/ Beth Cannestra

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

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INLET PROTECTION, TYPE A

GENERAL NOTES

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

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

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

- 1) FINISHED SIZE, INCLUDING FLAP POCKETS WHERE REQUIRED, SHALL EXTEND A MINIMUM OF 10" AROUND THE PERIMETER TO FACILITATE MAINTENANCE OR REMOVAL.
- (2) FOR INLET PROTECTION, TYPE C (WITH CURB BOX), AN ADDITIONAL 18" OF FABRIC IS WRAPPED AROUND THE WOOD AND SECURED WITH STAPLES. THE WOOD SHALL NOT BLOCK THE ENTIRE HEIGHT OF THE CURB BOX OPENING.
- (3) FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2X4.



INLET PROTECTION, TYPE C (WITH CURB BOX)

INSTALLATION NOTES

TYPE B & C

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

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

TYPE D

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

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

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

INLET PROTECTION TYPE A, B, C, AND D

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVED

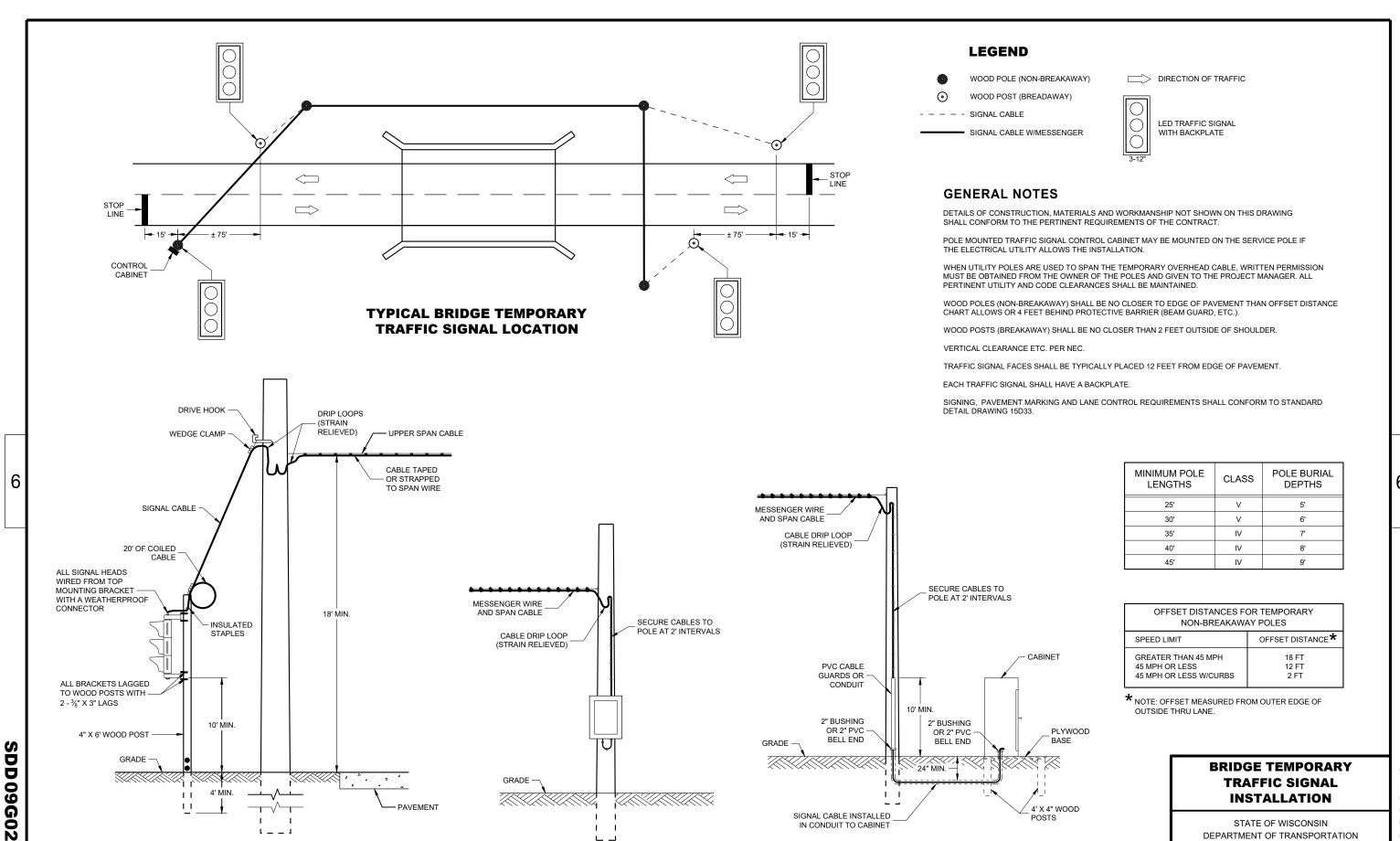
10/16/02

/S/ Beth Cannestra CHIEF ROADWAY DEVELOPMENT ENGINEER 6

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POLE MOUNT

CABINET INSTALLATION

GRADE

- PAVEMENT

4' MIN.

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TYPICAL DROP TO

TRAFFIC SIGNAL FACE

24" MIN.

GROUND MOUNT

CABINET INSTALLATION

SIGNAL CABLE INSTALLED IN CONDUIT TO CABINET

4' X 4" WOOD

BRIDGE TEMPORARY TRAFFIC SIGNAL **INSTALLATION**

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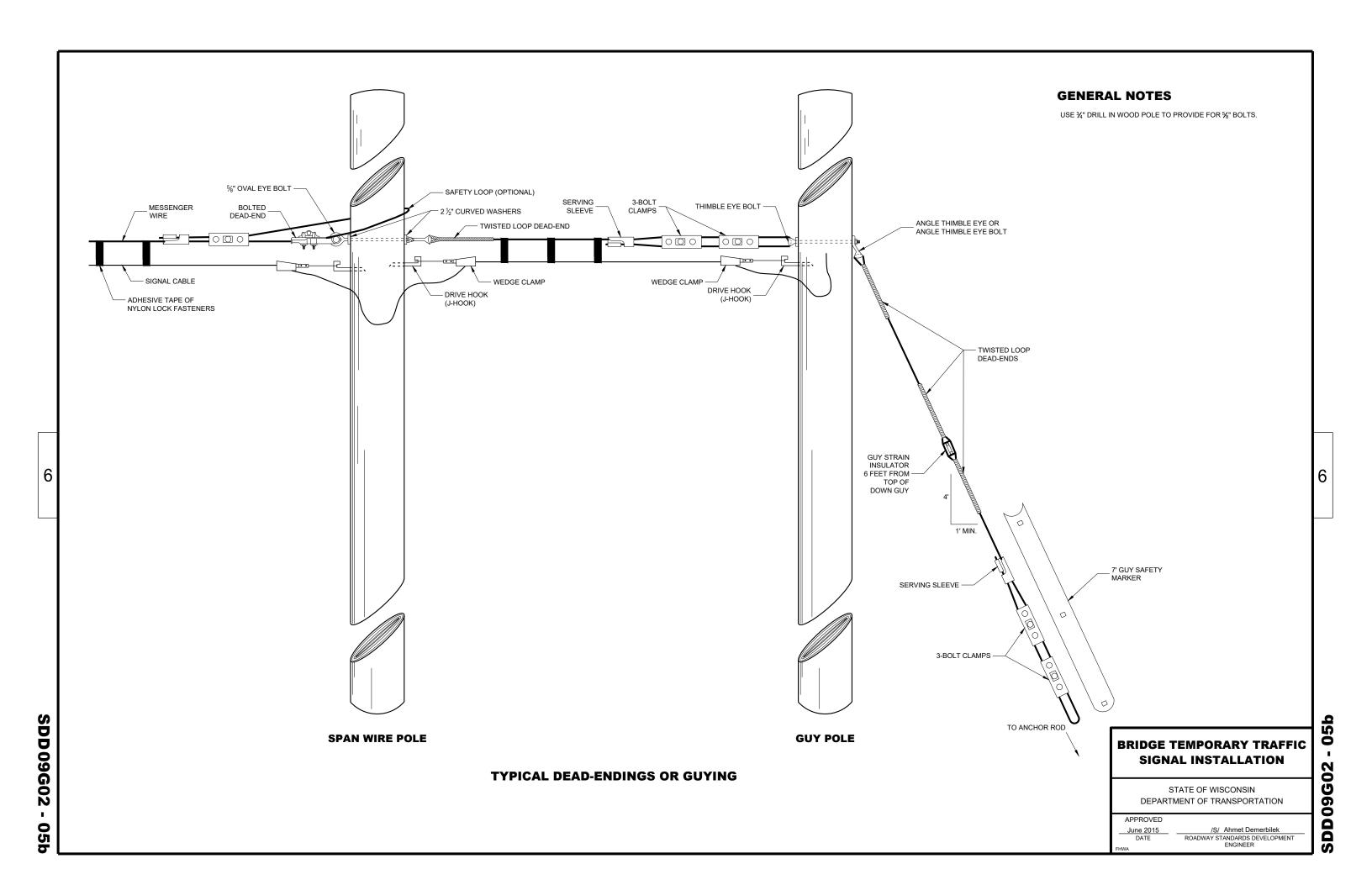
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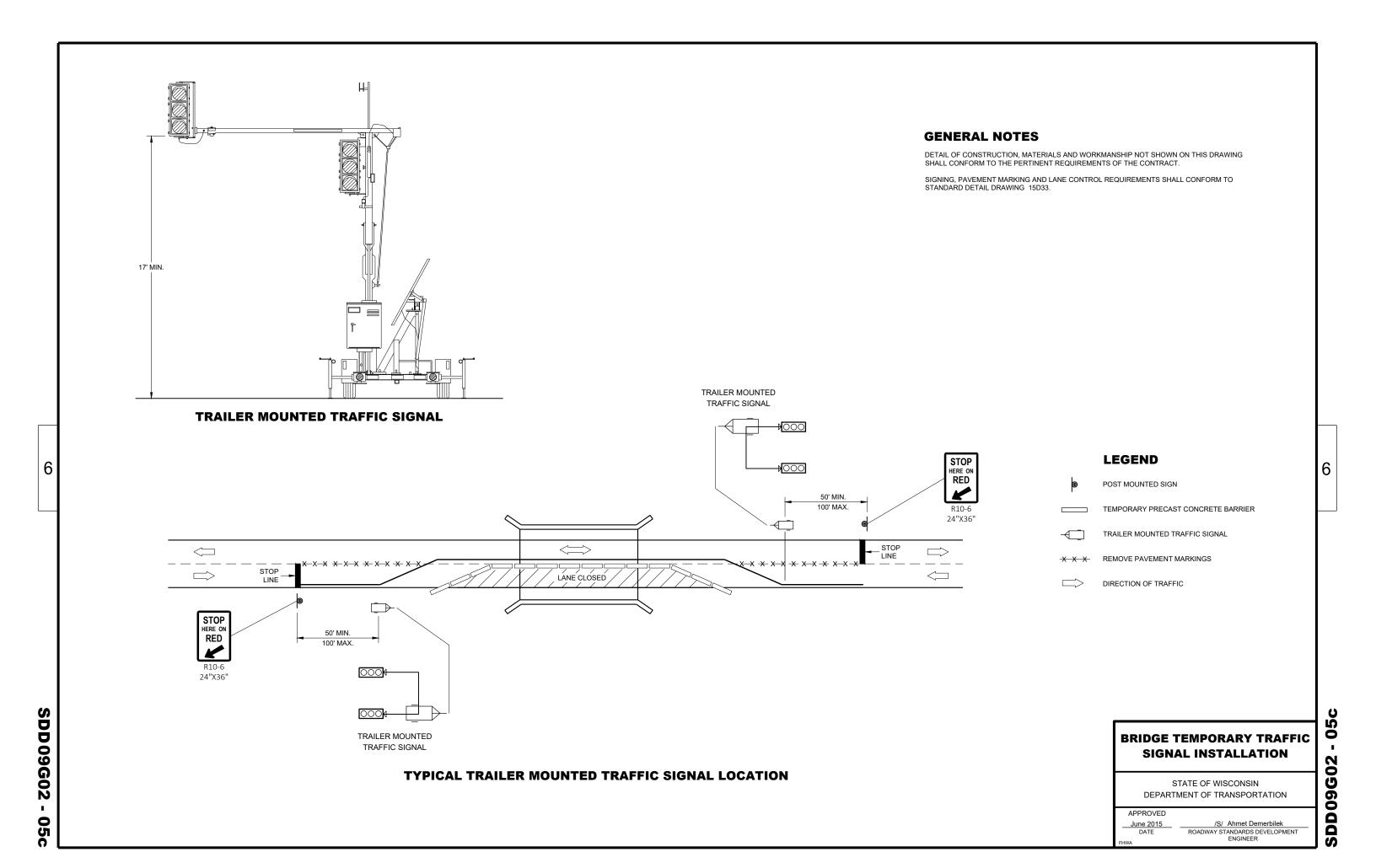
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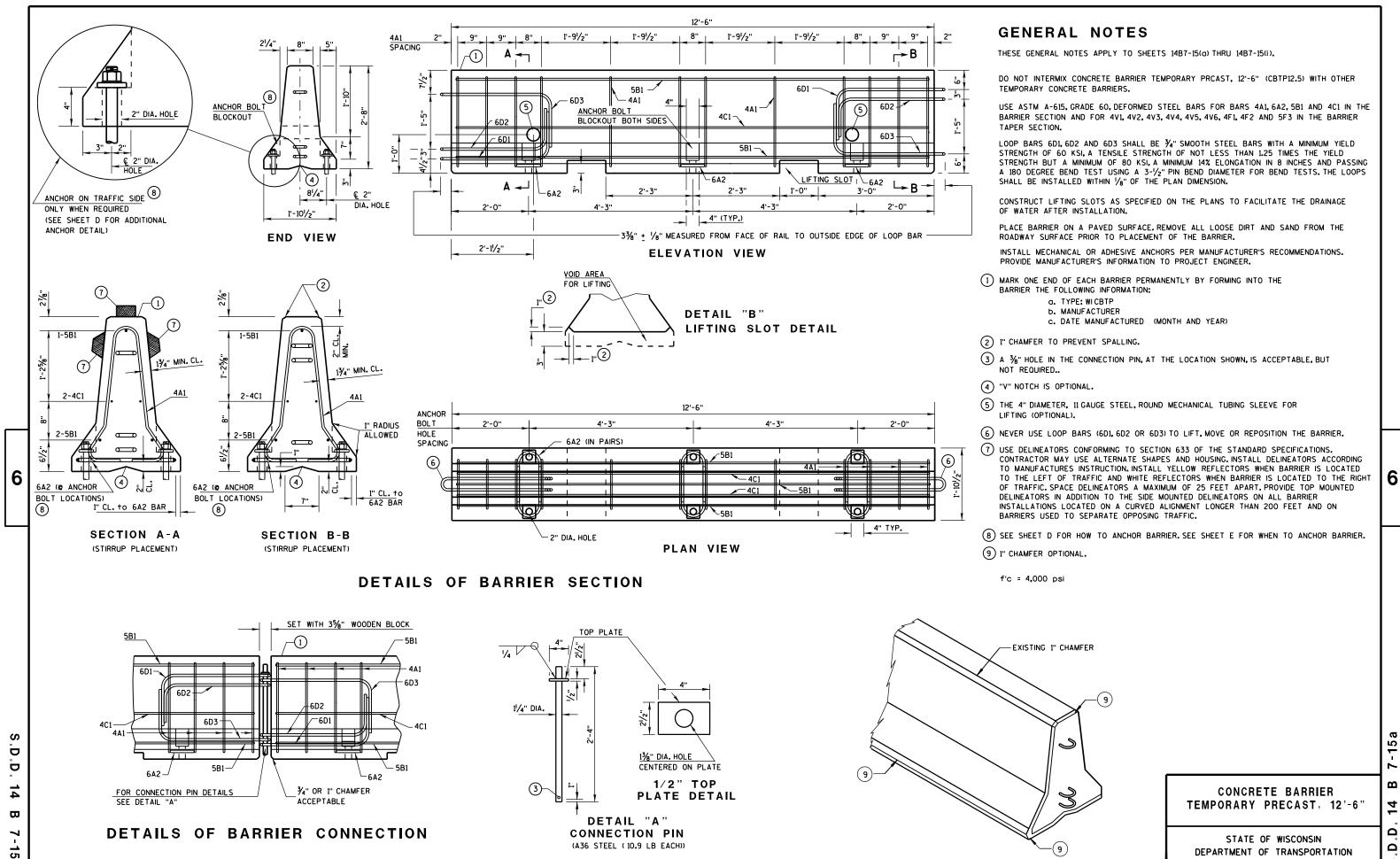
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVED March 2018

DATE ROADWAY STANDARDS DEVELOPMENT ENGINEER

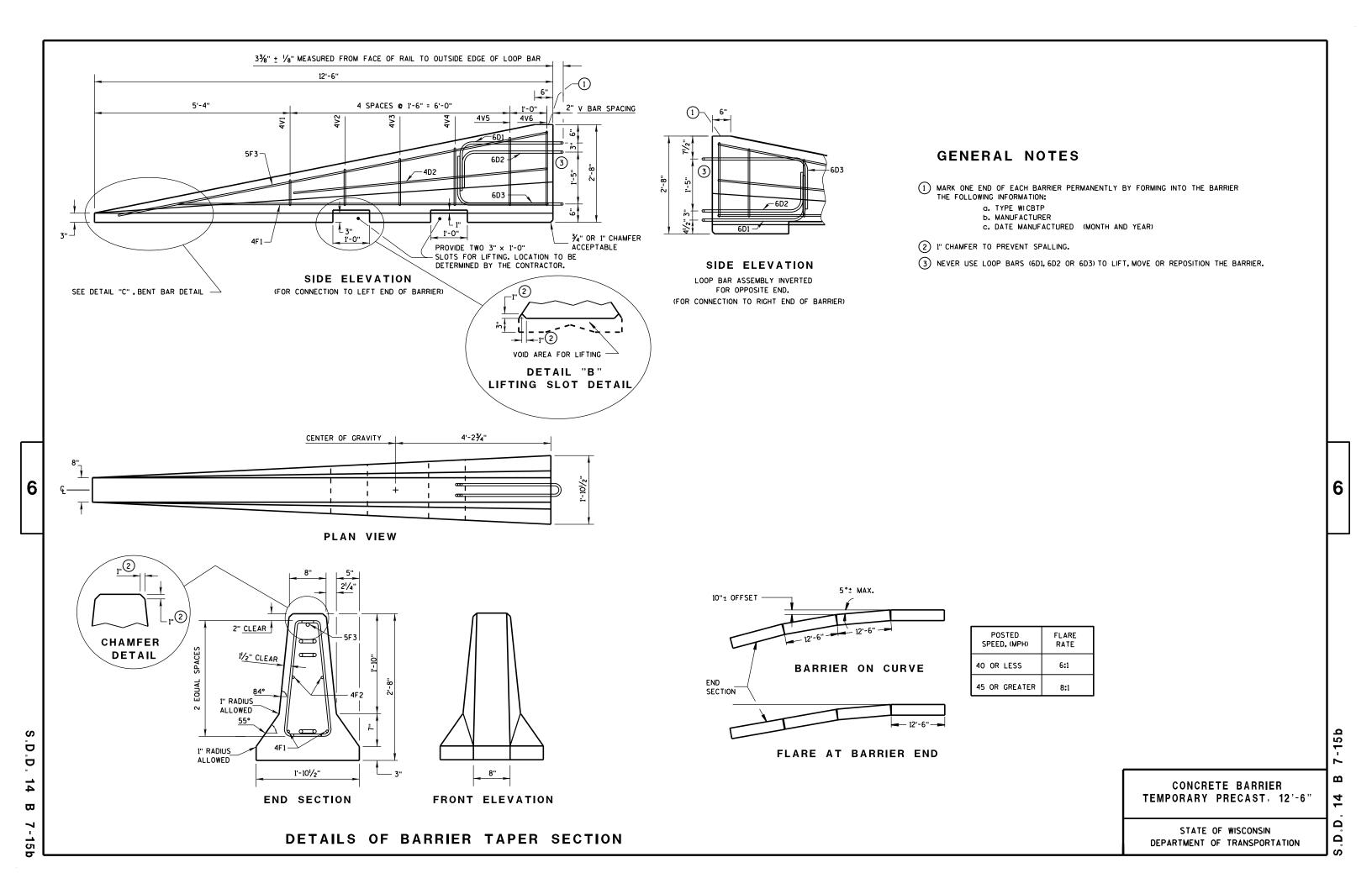






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DEPARTMENT OF TRANSPORTATION

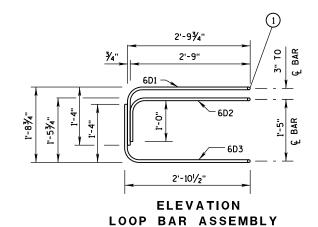


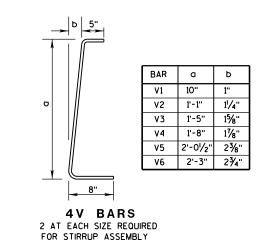
1) NEVER USE LOOP BARS (6D1, 6D2 OR 6D3) TO LIFT, MOVE OR REPOSITION THE BARRIER.

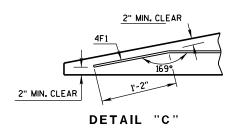
BARRIER TAPER SECTION BILL OF MATERIALS

(PER 12'-6" BARRIER TAPER SECTION)

TEN IE O BANNEN TAI EN SECTION							
BAR	BAR SIZE	NO. OF BARS	LENGTH FT.				
4V1	4	2	1'-11"				
4V2	4	2	2'-2"				
4٧3	4	2	2'-6"				
4V4	4	2	2'-9"				
4V5	4	2	3'-2"				
4V6	4	2	3'-4"				
4F1	4	2	12'-0"				
4F2	4	2	7'-6"				
5F3	5	1	11'-9"				
LOOP ASSEMBLY							
6D1	6	1	8'-5"				
6D2	6	1	7'-7"				
6D3	6	1	8'-6"				
		•	•				





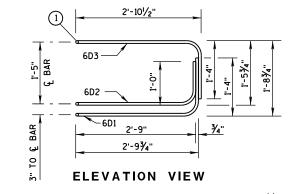


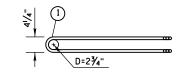
BENT BAR DETAIL

TAPER BARRIER SECTION



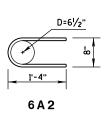
BAR	BAR SIZE	NO. OF BARS	LENGTH FT.						
4A1	4	12	6'-0"						
6A2	6	6	2'-11"						
5B1	5	3	12'-2"						
4C1	4	2	12'-2"						
LOOP ASSEMBLY									
6D1	6	2	8'-5"						
6D2	6	2	7'-7"						
6D3	6	2	8'-6"						

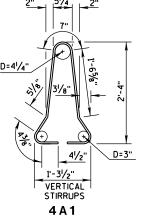




PLAN VIEW LOOP BAR ASSEMBLY

(MARKED END SHOWN, INVERT FOR OTHER END)





BARRIER SECTION

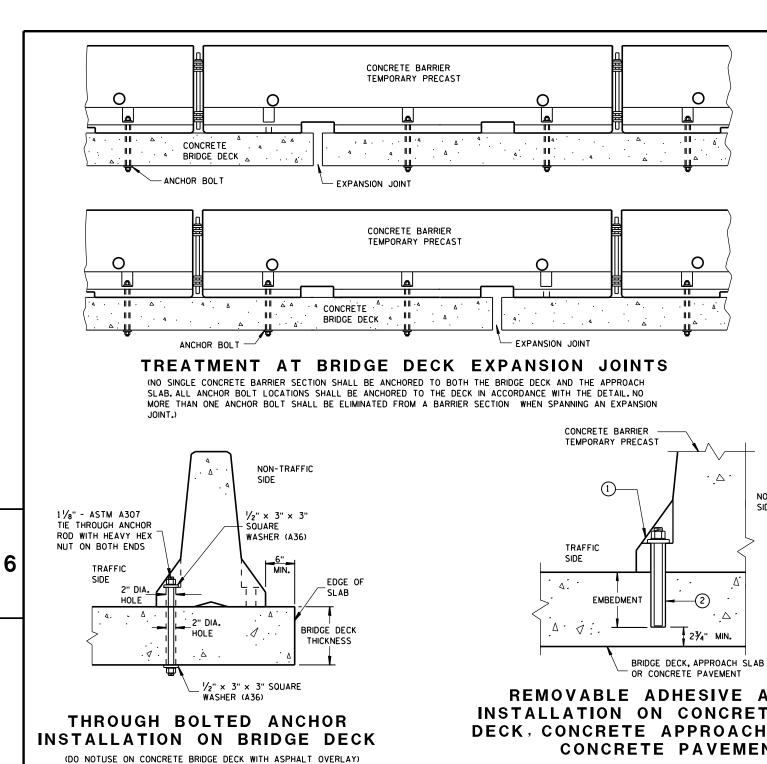
CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

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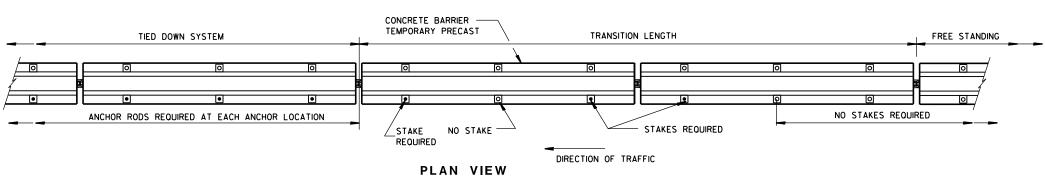
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REMOVABLE ADHESIVE ANCHOR INSTALLATION ON CONCRETE BRIDGE DECK, CONCRETE APPROACH SLAB, OR **CONCRETE PAVEMENT**

NON-TRAFFIC

(DO NOT USE ON CONCRETE WITH AN ASPHALTIC OVERLAY)



FREE STANDING TRANSITION TO TIED-DOWN SYSTEM

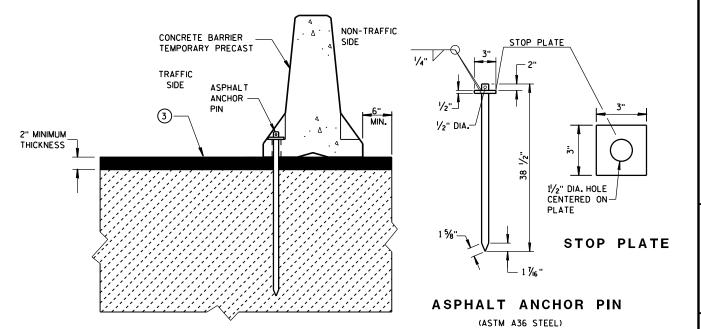
(PLACE TRANSITION IN A TANGENT SECTION OF BARRIER PARALLEL TO THE ROADWAY. IF TRANSITION OCCURS ON STRUCTURAL SLAB, ANCHOR AS SHOWN,)

GENERAL NOTES

SEE SHEET E FOR WHEN TO ANCHOR. OTHER PARTS OF THE PLAN MAY SHOW ADDITIONAL LOCATIONS REQUIRING ANCHORING.

REMOVE ALL ANCHORS WHEN NO LONGER NEEDED. FILL CONCRETE PAVEMENTS, DECKS AND APPROACH SLABS WITH NON-SHRINK COMMERICAL GROUT FROM THE APPROVED PRODUCT LIST. FILL ASPHALT PAVEMENTS WITH ASTM D6690 TYPE II RUBBERIZED CRACK FILLER.

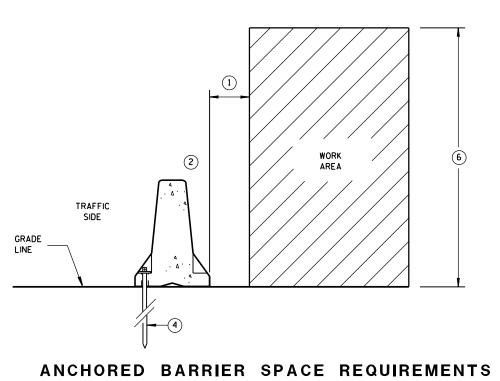
- 1 1/8" DIAMENTER A307 THREADED ROD, 1/2" X 3" X 3" SOUARE PLATE WASHER WITH ASTM A36 STEEL, ASTM A563A HEAVY HEX NUT.
- 2 ADHESIVE ANCHORS WITH A MINIMUM BOND STRENGTH OF 1,800 PSI AND 51/4" EMBEDMENT. SEE 603.2 AND 603.3.1.2 OF THE WISCONSIN STANDARD SPECIFICATIONS FOR MORE INFORMATION ON ADHESIVE ANCHORS.
- (3) ASPHALT SURFACE SHOWN. CONTRACTOR MAY DRILL THROUGH CONCRETE PAVEMENT AND THAN DRIVE ASPHALT ANCHOR PIN.



STAKE DOWN INSTALLATION FOR **ASPHALTIC SURFACE**

CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION -15d $\mathbf{\omega}$ Ω



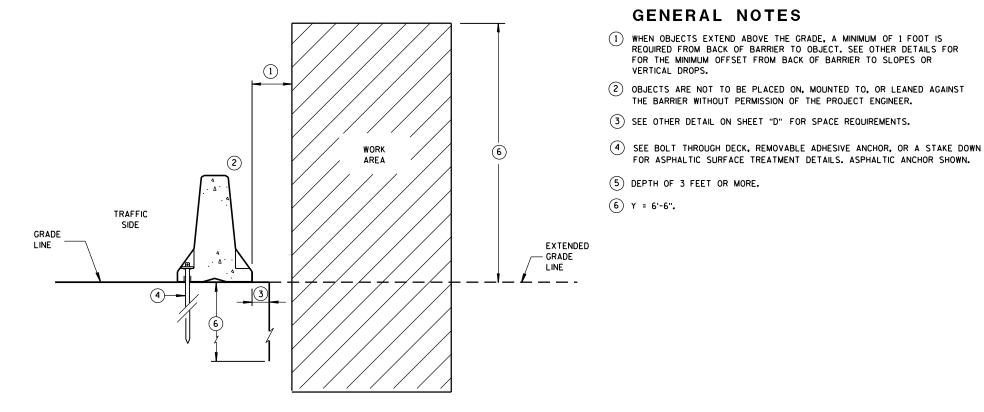
FOR HAZARDS EXTENDED ABOVE THE GRADE LINE

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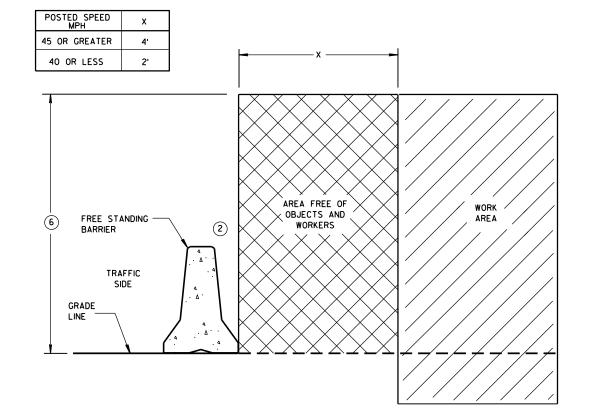
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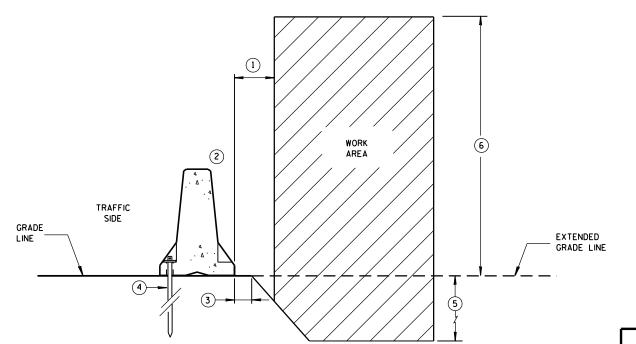
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ANCHORED BARRIER SPACE REQUIREMENTS ON VERTICAL DROP OFFS



FREE STANDING BARRIER SPACE REQUIREMENTS



ANCHORED BARRIER SPACE REQUIREMENTS ON SLOPES

CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"

GENERAL NOTES

FOR THE MINIMUM OFFSET FROM BACK OF BARRIER TO SLOPES OR

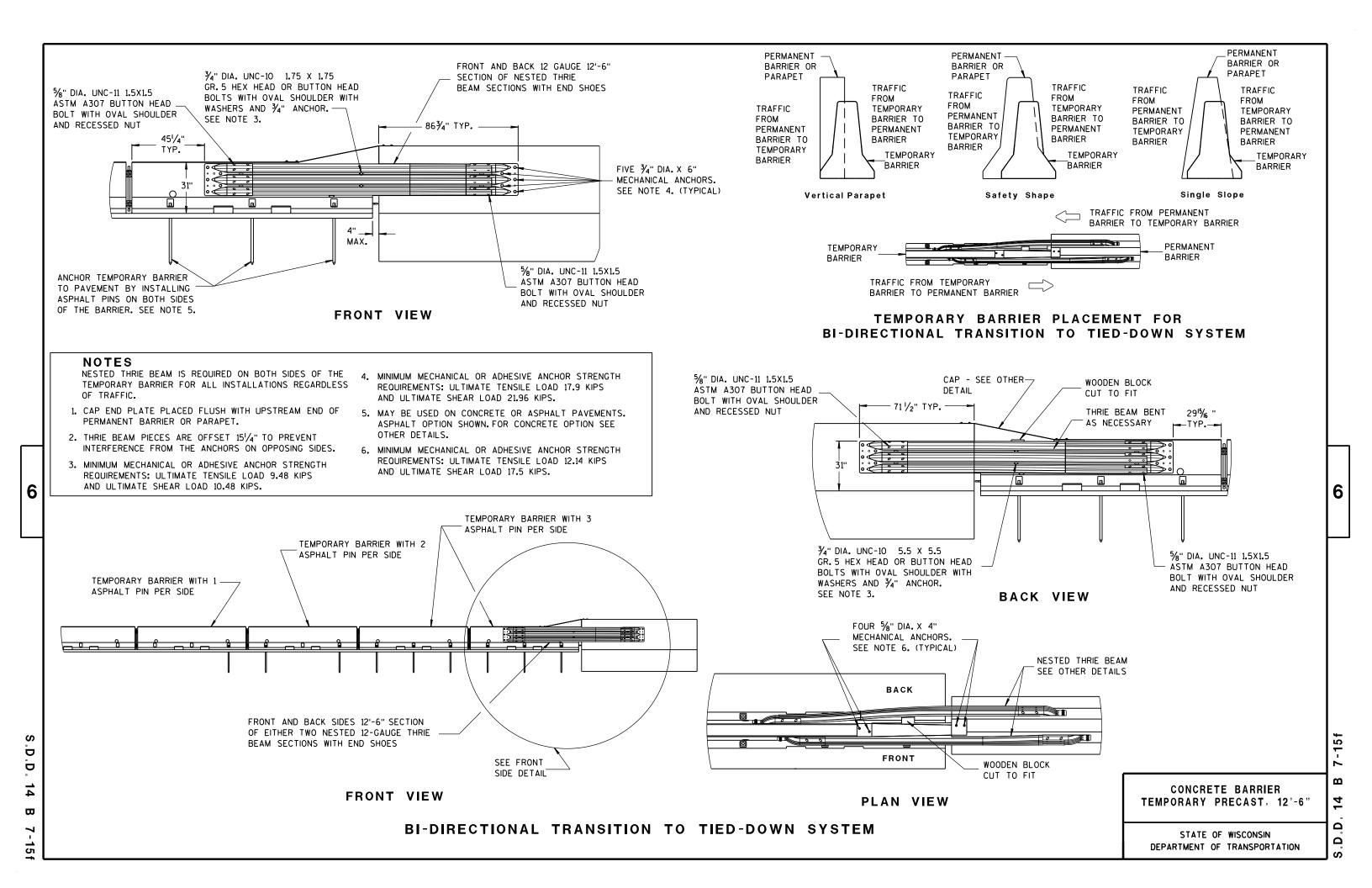
FOR ASPHALTIC SURFACE TREATMENT DETAILS. ASPHALTIC ANCHOR SHOWN.

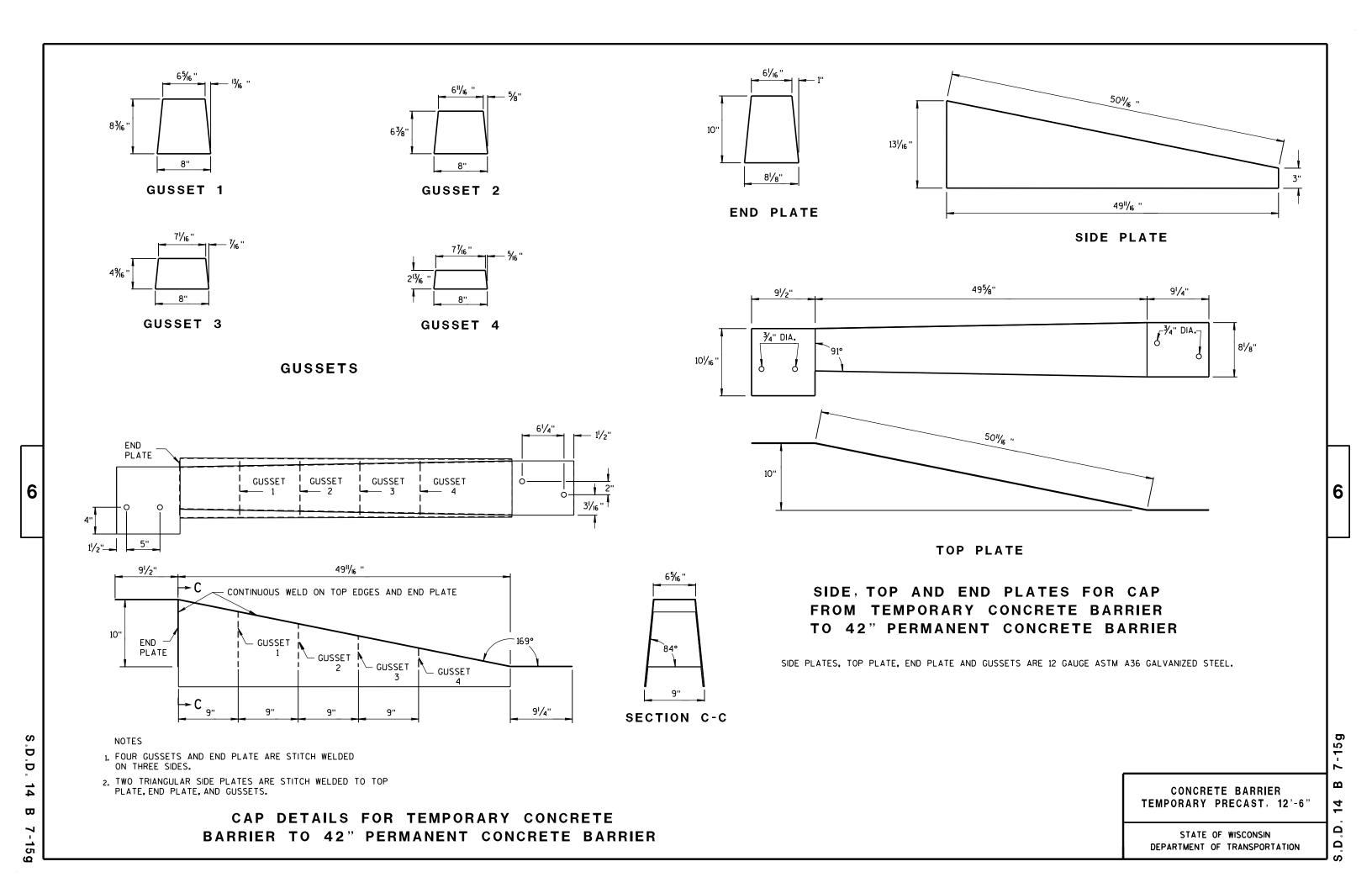
THE BARRIER WITHOUT PERMISSION OF THE PROJECT ENGINEER.

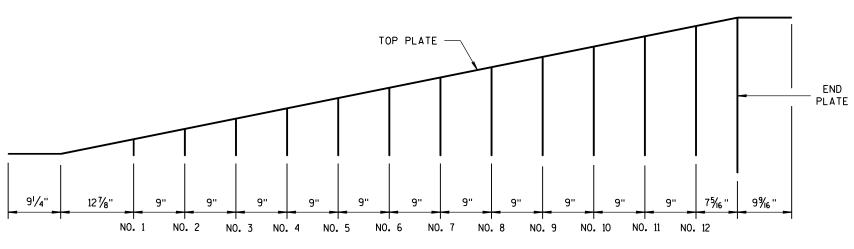
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION 6

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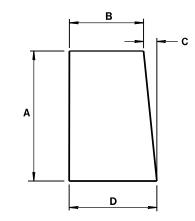




GUSSET LOCATION

CAP DETAILS FOR TEMPORARY CONCRETE

BARRIER TO 56" PERMANENT CONCRETE BARRIER



GUSSETS 1 - 12

ALL GUSSETS 1/8" STEEL PLATE

GU	SSET	DIMEN	ISIONS	6		
GUSSET No.	A	В	С	D		
1	21/8"	73/4"	1/4"	8		
2	4"/16 "	7% "	1/2"	8		
3	61/2"	73/8"	11/16 "	81/16"		
4	85/6"	73//6"	7∕8"	8½ ₆ "		
5	101/8"	7''	1 ½ ₆ "	81/16"		
6	11 ¹⁵ / ₁₆ ''	6 ¹³ // ₆ "	1 1/4"	81/16"		
7	13¾"	65%"	1 1/6"	81/16"		
8	15% "	6¾6"	1 % "	81/16"		
9	173/8"	6 ¹ /4"	1 ¹³ / ₁₆ "	8½ ₆ "		
10	193/6"	6½ ₆ "	1 15/16 "	81/16"		
11	21"	5 1/8"	23/6"	81/16"		
12	22 ¹³ / ₁₆ "	5 ¹¹ / ₁₆ "	2% "	8½ ₆ "		

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

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

> CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"

DEPARTMENT OF TRANSPORTATION

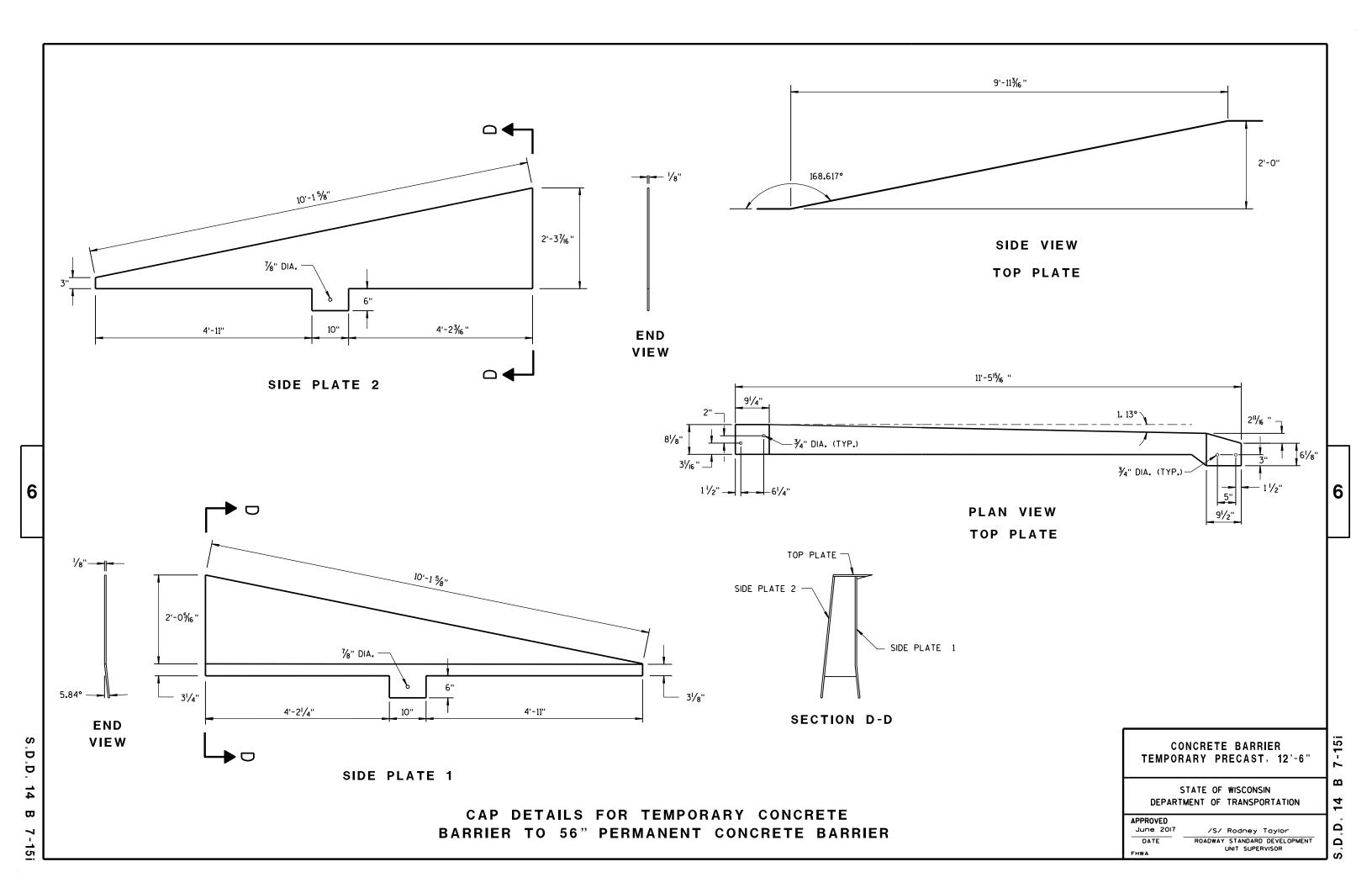
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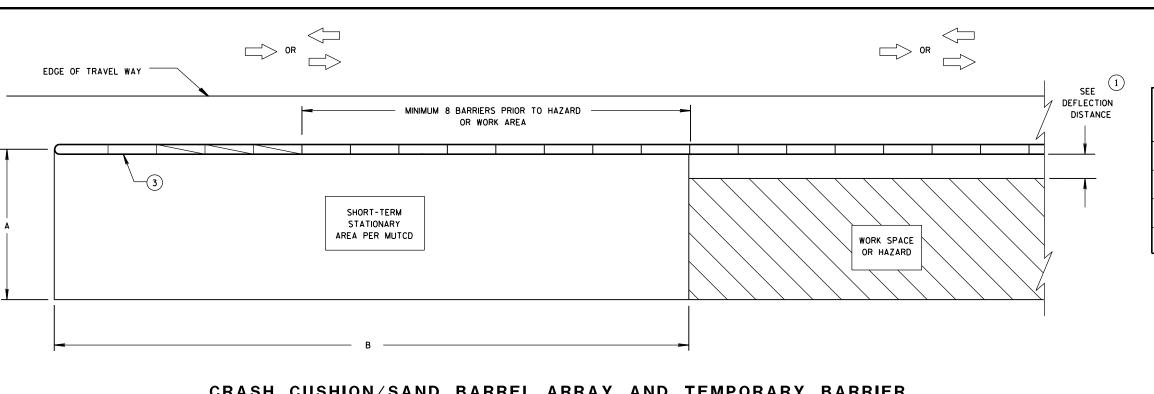
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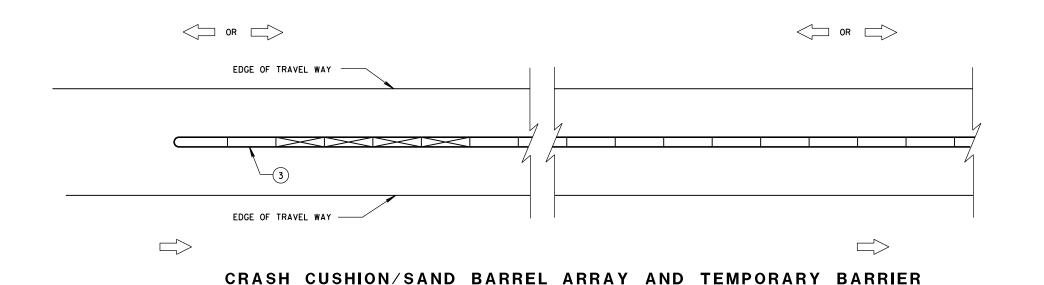
DIMENSION A TABLE (2)

		DIMENSION A			
FACILITY	POSTED SPEED MPH	MIN. FT	MAX. FT		
FREEWAY/EXPRESSWAY	ALL	15	20		
NON-FREEWAY/EXPRESSWAY	GREATER THAN OR EQUAL TO 45	10	15		
NON-FREEWAY/EXPRESSWAY	LESS THAN 45	8	10		
AADT LESS THAN 1,500	ALL	8	10		

DIMENSION B TABLE (2)

POSTED	DIMENSION
SPEEDS	В
MPH	FT
20	115
25	155
30	200
35	250
40	305
45	360
50	425
55	495
60	570
65	645

CRASH CUSHION/SAND BARREL ARRAY AND TEMPORARY BARRIER INSTALLATION FOR TRAFFIC ON ONE SIDE OF BARRIER



INSTALLATION FOR TRAFFIC ON BOTH SIDES OF BARRIER

DIRECTION OF TRAVEL

CRASH CUSHION OR SAND BARREL ARRAY

SEE FREE STANDING TRANSITION TO TIED-DOWN SYSTEM DETAILS

SEE BI-DIRECTIONAL TRANSITION TO TIED-DOWN SYSTEM DETAILS

3 PINS PLACED ON TRAFFIC SIDE OF BARRIER

OR CONCRETE PARAPET

FREE STANDING TEMPORARY BARRIER

LEGEND

PERMANENT CONCRETE BARRIER

GENERAL NOTES

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SEE STANDARD DETAIL DRAWING 14B7 FOR MORE INFORMATION.

DETAILS PROVIDE A GENERAL LAYOUT OF TEMPORARY CONCRETE BARRIER, CRASH CUSHIONS, SAND BARREL ARRAYS AND TIE DOWN TRANSITIONS. DETAILS PROVIDED MAY NOT FIT ALL POSSIBLE SITUATIONS OR SITE CONDITIONS. SEE OTHER SECTIONS OF THE CONTRACT OR PROJECT ENGINEER FOR MORE DETAILS.

ADDITIONAL TEMPORARY BARRIER MAY BE REQUIRED TO PROTECT TRAVELING PUBLIC FROM HAZARDS, CONTRACTOR'S OPERATIONS OR TO CONTROL TRAFFIC.

TEMPORARY BARRIER MAY BE REQUIRED TO BE ANCHORED TO PAVEMENT OR BRIDGE DECK.

FOR DETAILS ON CRASH CUSHION OR SAND BARREL ARRAYS SEE OTHER SECTIONS OF THE PLAN AND MANUFACTURE'S DETAILS.

SLOPES LEADING TO TEMPORARY BARRIER, CRASH CUSHION OR SAND BARREL ARRAY ARE 10:1 OR LESS.

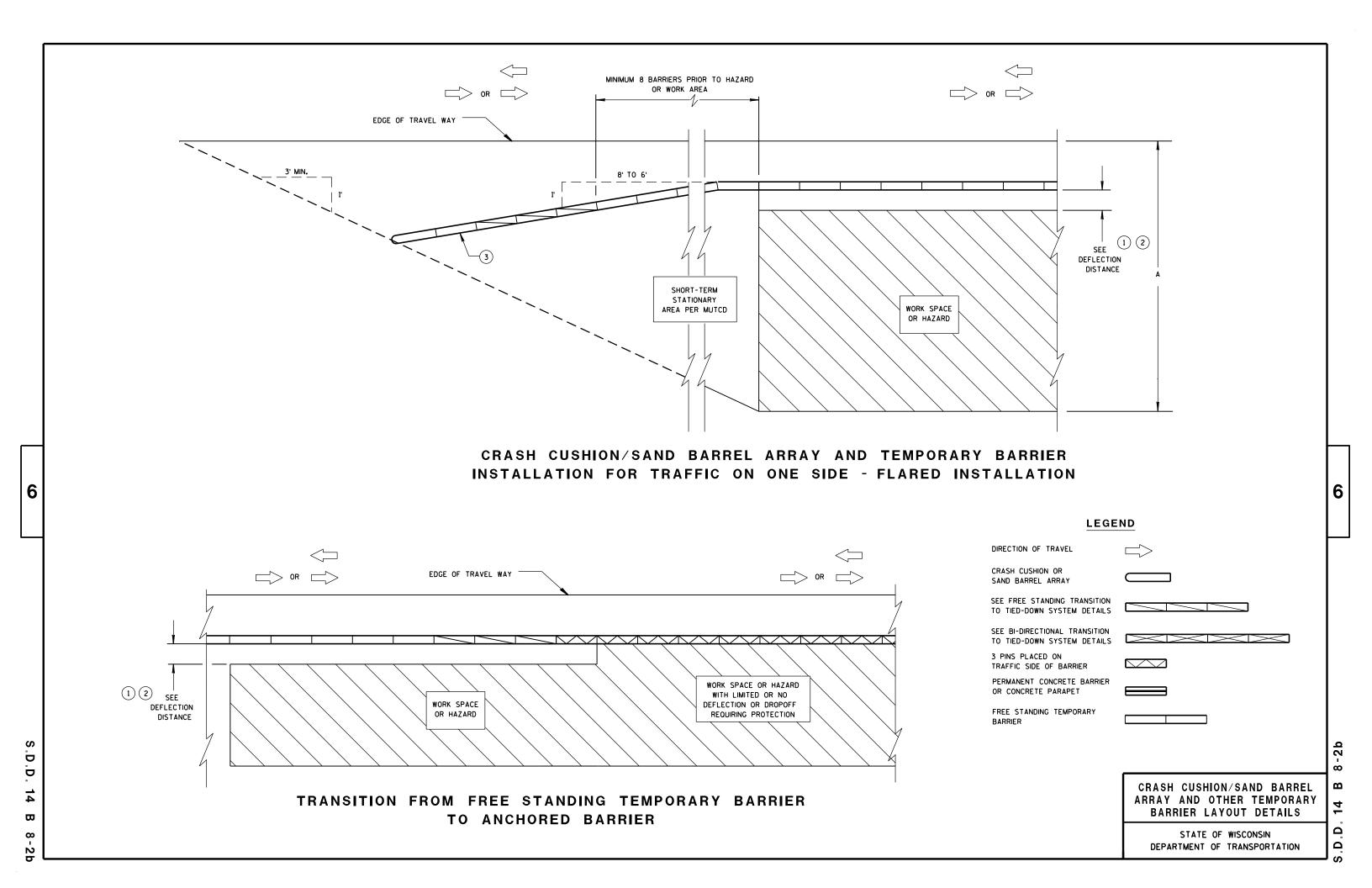
- (1) FOR DEFLECTION INFORMATION SEE STANDARD DETAIL DRAWING 14B7.
- (2) VALUES PROVIDED MAY NOT FIT ALL POSSIBLE SITUATIONS OR SITE CONDITIONS. SEE OTHER SECTIONS OF THE CONTRACT OR PROJECT ENGINEER FOR MORE DETAILS.
- (3) ANCHOR TEMPORARY BARRIER ACCORDING TO CRASH CUSHION OR SAND BARREL MANUFACTURER'S RECOMMENDATIONS. IF MANUFACTURER'S RECOMMENDATIONS ARE NOT PROVIDED, ANCHOR 3 PINS ON TRAFFIC SIDE.

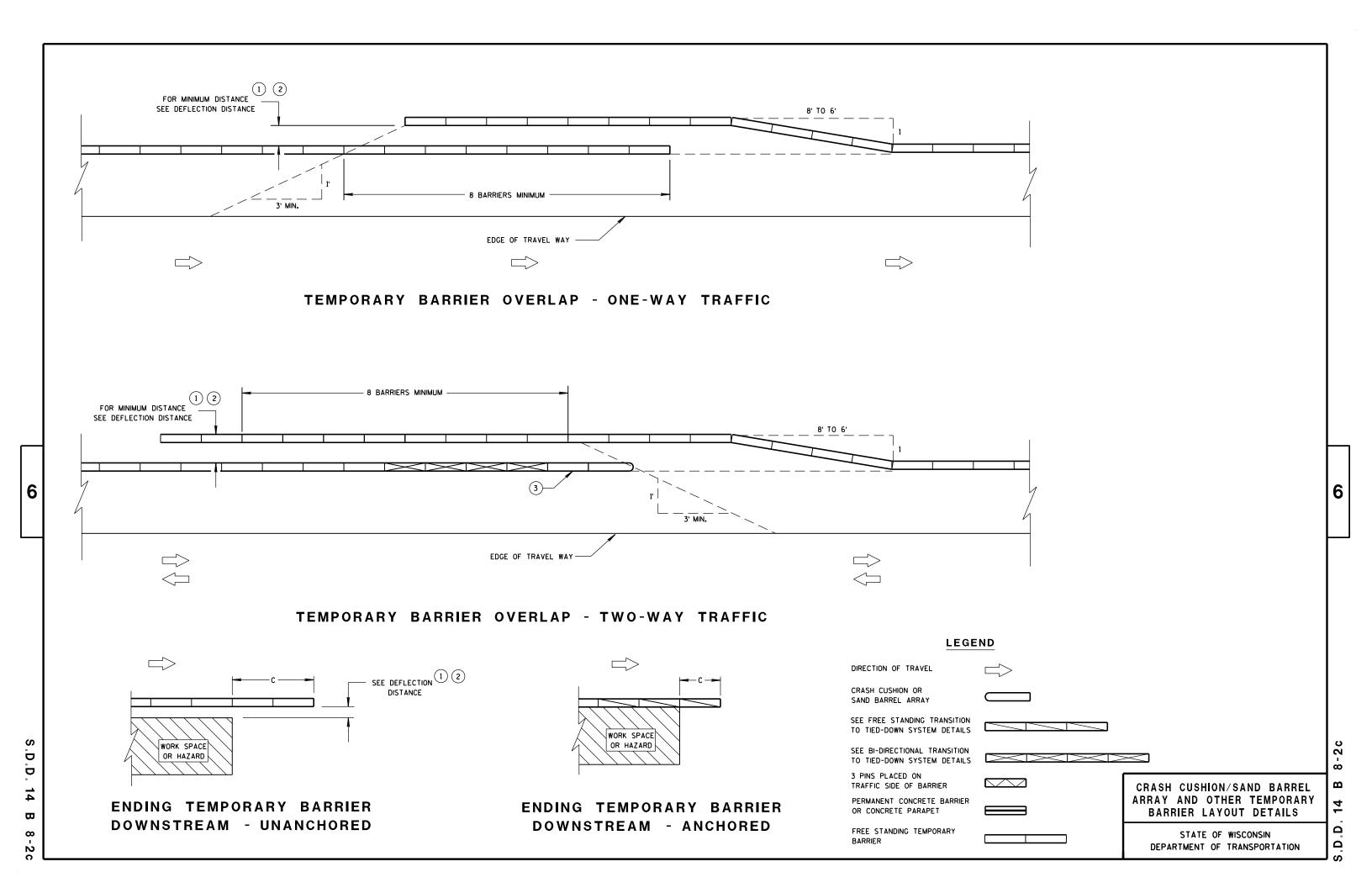
CRASH CUSHION/SAND BARREL ARRAY AND OTHER TEMPORARY BARRIER LAYOUT DETAILS

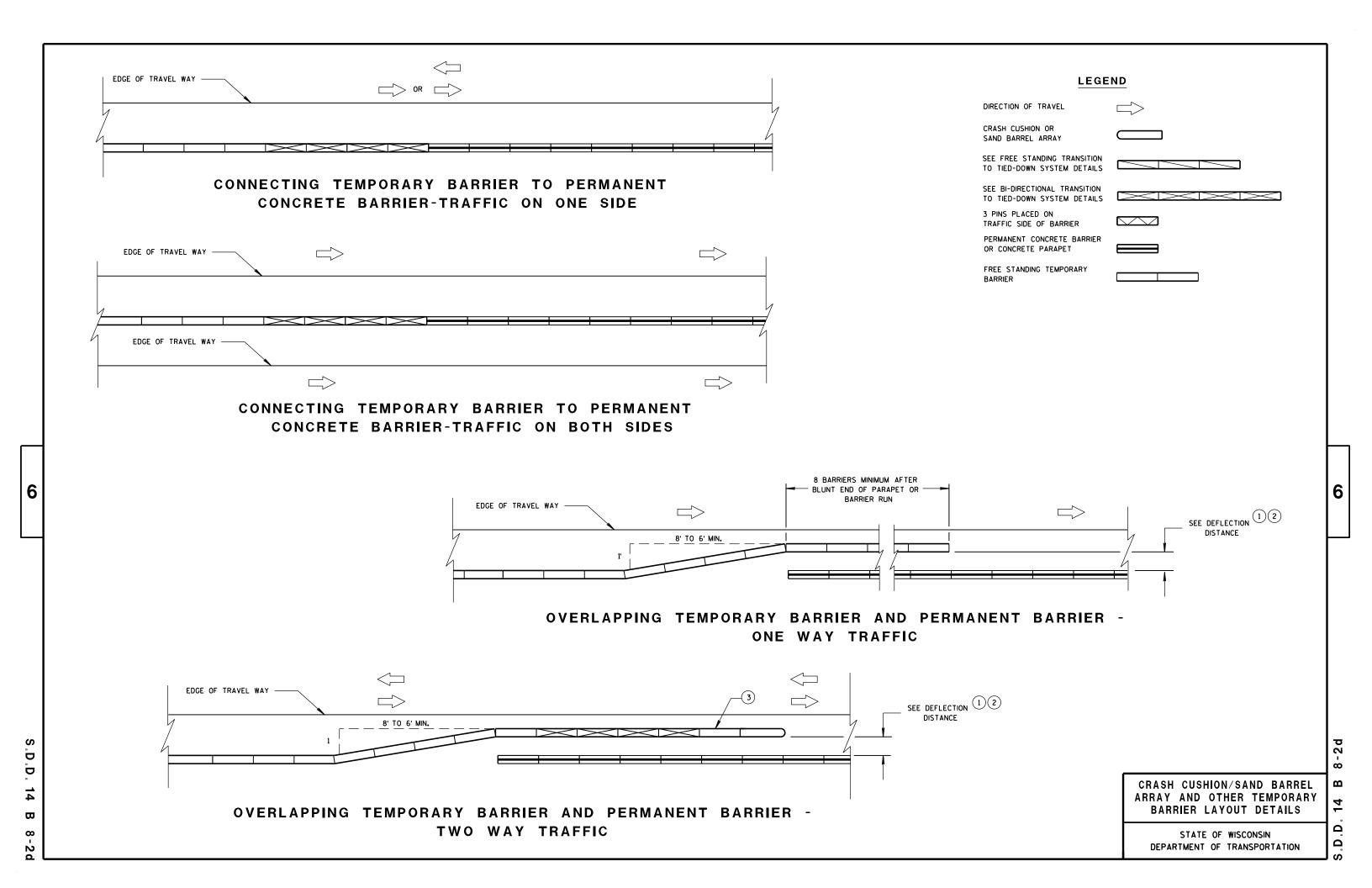
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION 6

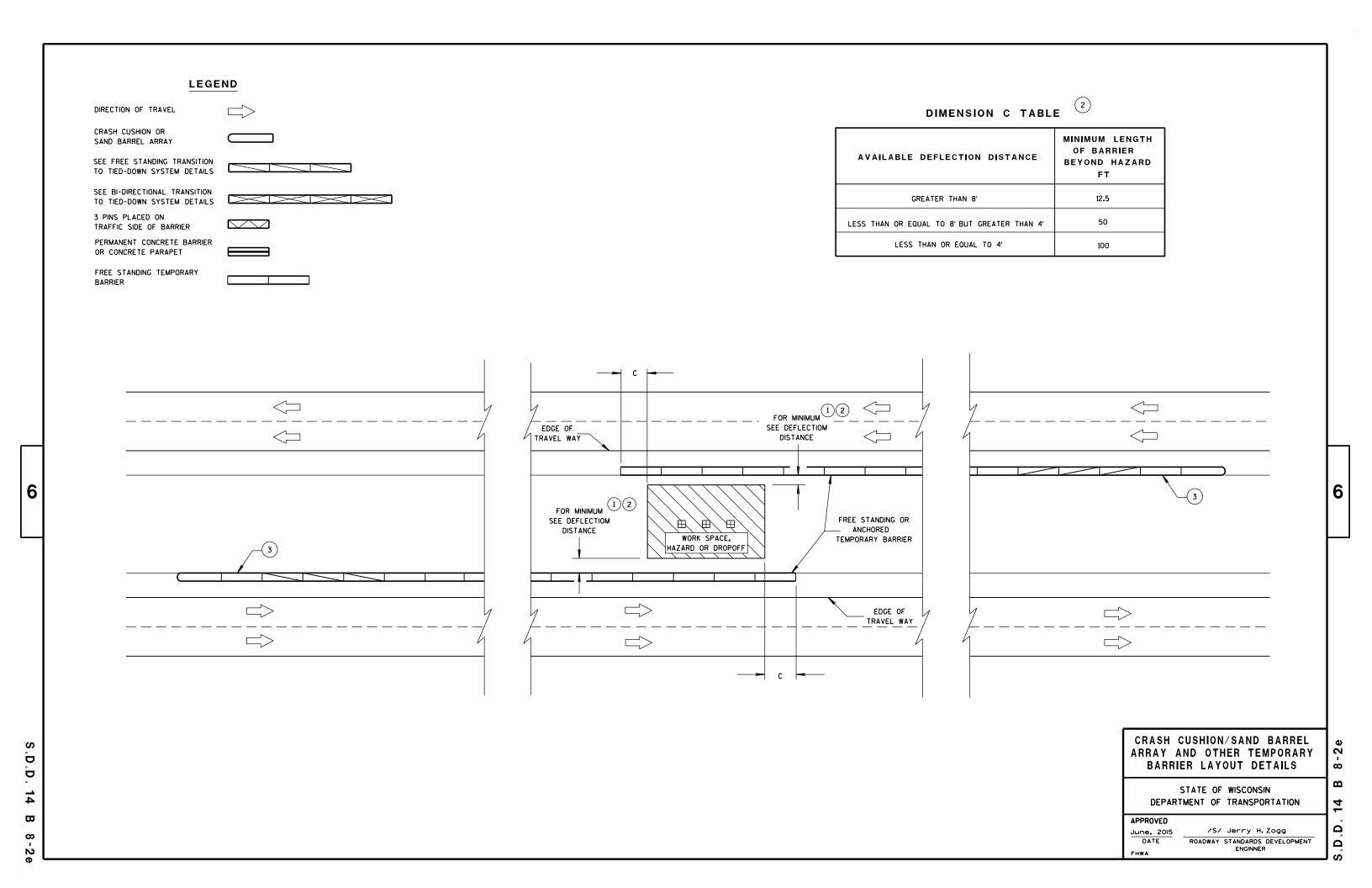
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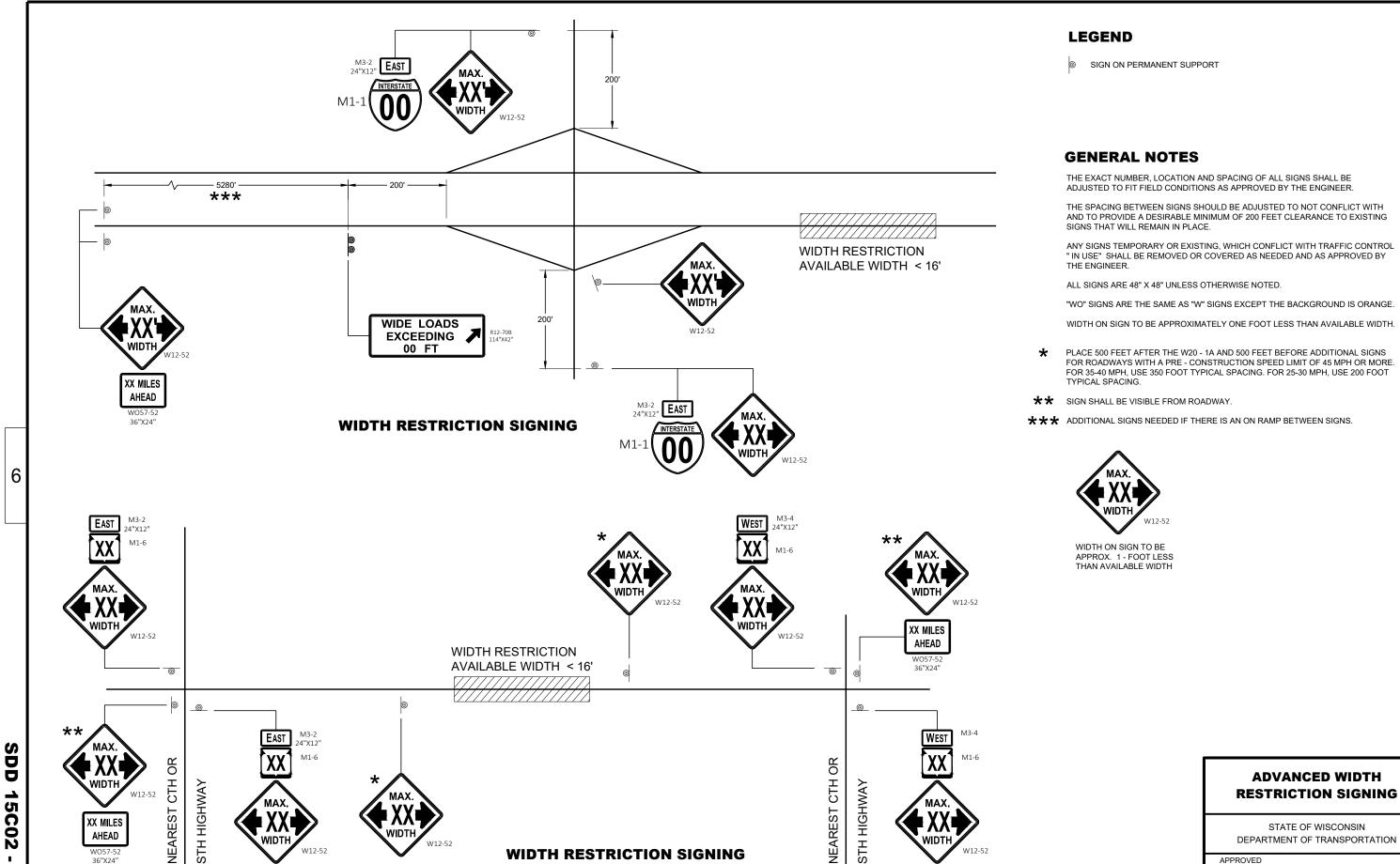
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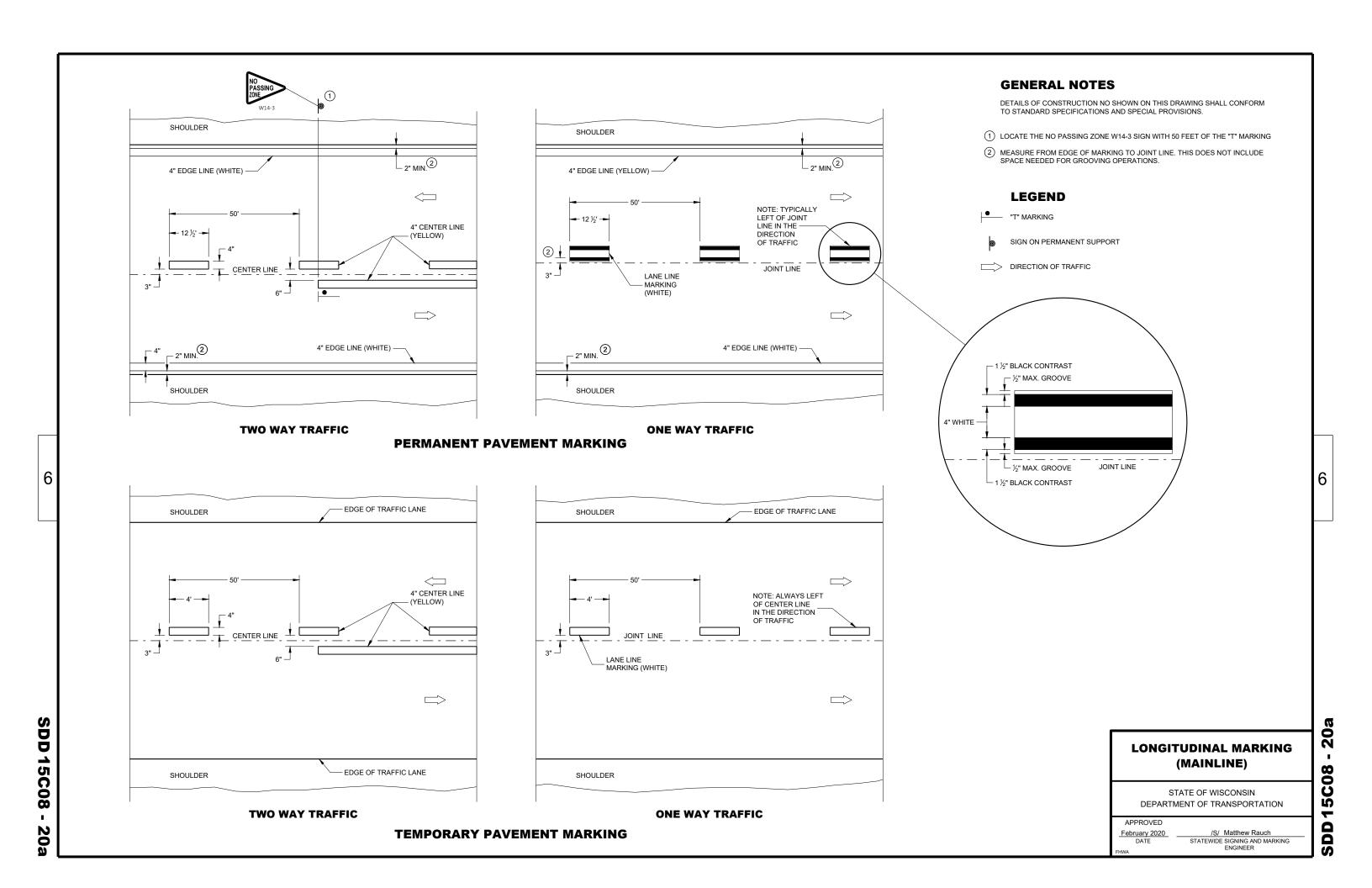
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/S/ Andrew Heidtke

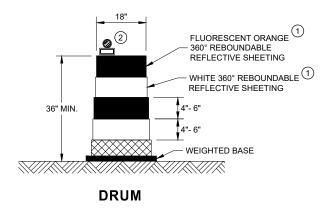
WORK ZONE ENGINEER

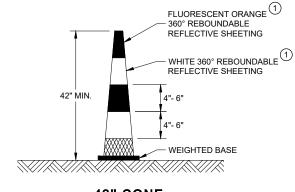
February 2020 DATE

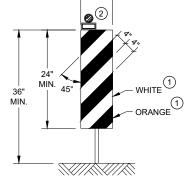


GENERAL NOTES

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



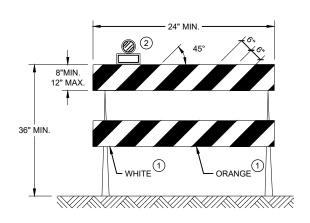




42" CONE DO NOT USE IN TAPERS ½ SPACING OF DRUMS

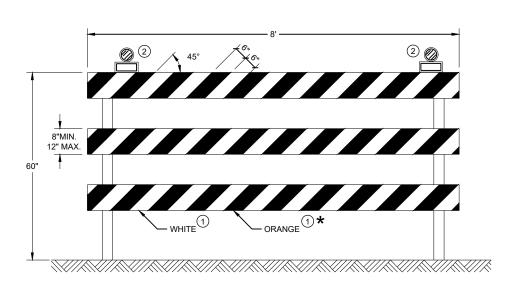
VERTICAL PANEL

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



TYPE II BARRICADE

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



TYPE III BARRICADE

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

* IF USED FOR A PERMANENT APPLICATION USE RED SHEETING.

CHANNELIZING DEVICES DRUMS, CONES, BARRICADES AND VERTICAL PANELS

08

SDD 15C

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

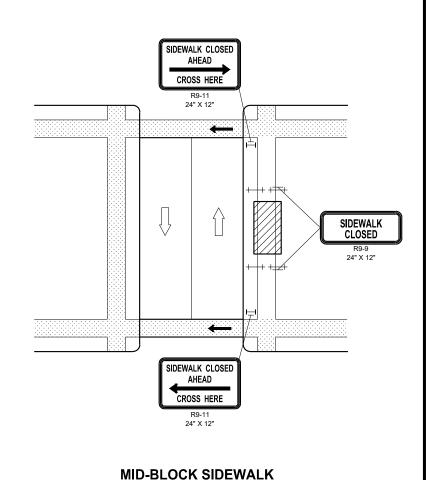
APPROVED	
November 2020	/S/ Andrew Heidtke
DATE	WORK ZONE ENGINEER

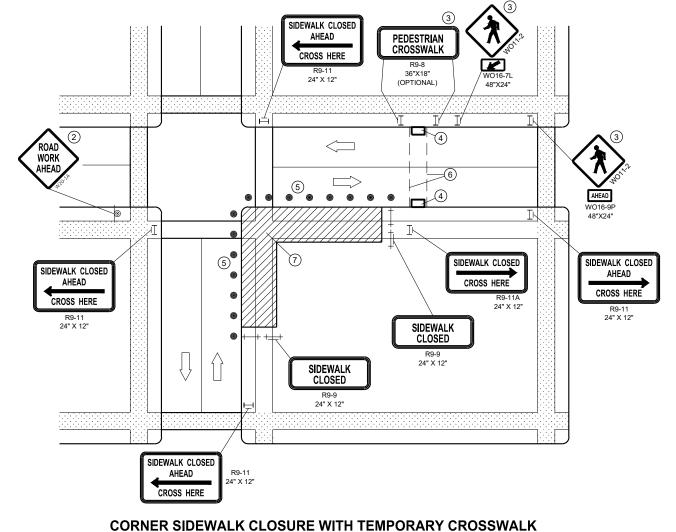
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WORK ZONE ENGINEER

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62





GENERAL NOTES

WHEN CLOSING OR RELOCATING CROSSWALKS OR SIDEWALKS, PROVIDE DETECABLE TEMPORARY FACILITIES AND INCLUDE ACCESSIBILITY FEATURES CONSISTENT WITH EXISTING PEDESTRIAN FACILITIES.

CLOSURE

TEMPORARY TRAFFIC CONTROL DEVICES FOR PEDESTRIANS ARE SHOWN. OTHER DEVICES MAY BE NECESSARY TO CONTROL VEHICULAR TRAFFIC. STAGE WORK AS NECESSARY, TO PROVIDE A TEMPORARY PEDESTRIAN ACCESS ROUTE AT ALL TIMES. FOR ROADWAYS WITH NO AVAILABLE DETOURS, MAINTAIN ONE OPEN SIDEWALK AT ALL TIMES.

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

FOR NIGHTIME CLOSURE, USE TYPE "A" FLASHING WARNING LIGHTS ON BARRICADES, SUPPORTING SIGNS AND CLOSING SIDEWALK. USE TYPE "C" STEADY BURN LIGHTS ON CHANNELIZING DEVICES SEPARATING THE WORK AREA FROM VEHICULAR TRAFFIC.

PEDESTRIAN TRAFFIC SIGNAL DISPLAY CONTROLLING CLOSED CROSSWALK SHALL BE COVERED OR DEACTIVATED.

POST MOUNTED SIGNS LOCATED ADJACENT TO A SIDEWALK SHALL HAVE A 7 FOOT MINIMUM CLEARANCE FROM THE BOTTOM OF THE SIGN TO THE SIDEWALK SURFACE.

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

- 1 IF SIDEWALK CLOSURE AFFECTS AN ACCESSIBLE AND DETECTABLE FACILITY, MAINTAIN ACCESSIBILITY AND DETECTABILITY ALONG THE ALTERNATE PEDESTRIAN ROUTE
- (2) "ROAD WORK AHEAD" SIGNS ARE NOT REQUIRED IF THE SIDEWALK CLOSURE OCCURS WITHIN A LARGER WORK ZONE WHERE ADVANCE WARNING SIGNS ARE ALREADY PRESENT, OR IF THE WORK AREA AND EQUIPMENT ARE MORE THAN 2 FEET BEHIND THE CURB.
- (3) IF TEMPORARY PEDESTRIAN CROSSWALK IS NOT PROVIDED, OMIT R9-8 AND WO11-2 SIGN ASSEMBLIES. IF PROVIDED INCLUDE ON BOTH SIDES OF THE CROSSWALK
- (4) TEMPORARY CURB RAMPS. SEE SDD 15D30 SHEET "b'.
- (5) DRUMS OR BARRICADES AT 25 FOOT SPACING. STREET PARKING SHALL BE PROHIBITED FOR AT LEAST 50 FEET IN ADVANCE OF THE MID-BLOCK CROSSWALK.
- 6 TEMPORARY PAVEMENT MARKING FOR CROSSWALK LINES.
- (7) LIMIT WORK TO ONE QUADRANT AT A TIME TO MINIMIZE PEDESTRIAN DISRUPTION.

LEGEND

SIGN ON PERMANENT SUPPORT

TRAFFIC CONTROL DRUM

TYPE II BARRICADE WITH/WITHOUT SIGN (ALL WITH ONE WARNING LIGHT, TYPE A, LOW INTENSITY FLASHING)

+ / + TYPE III BARRICADE WITH/WITHOUT SIGN (ALL WITH ONE

WARNING LIGHT, TYPE A, LOW INTENSITY FLASHING)

UNDER PEDESTRIAN TRAFFIC

WORK AREA

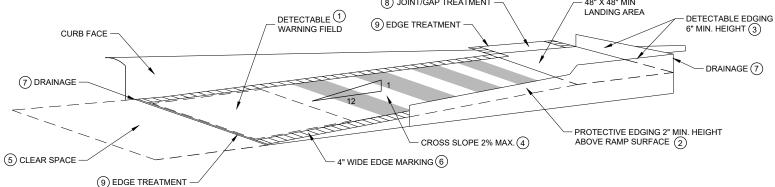
PEDESTRIAN CHANNELIZATION DEVICE

DIRECTION OF TRAFFIC

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

2 015D30 - 06a



TEMPORARY CURB RAMP PARALLEL TO CURB

9 EDGE TREATMENT 9 EDGE TREATMENT PROTECTIVE EDGING 8 JOINT/GAP TREATMENT (8) JOINT/GAP TREATMENT 2" MIN. HEIGHT (2) CURB -FACE DRAINAGE CURB FACE (2) PROTECTIVE EDGING -2" MIN. HEIGHT ABOVE RAMP SURFACE 4" WIDE EDGE -4" WIDE EDGE -9 45° EDGE CUT -9 45° EDGE CUT -6 MARKING (6) MARKING 1 DETECTABLE -1 DETECTABLE WARNING FIELD WARNING FIELD

WITH PROTECTIVE EDGE

TEMPORARY CURB RAMP PERPENDICULAR TO CURB

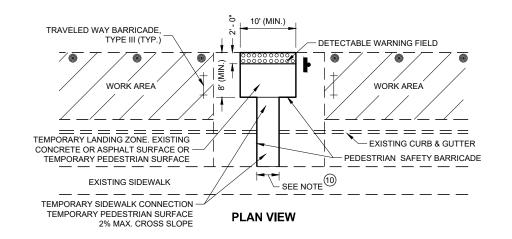
WITH SIDE APRON

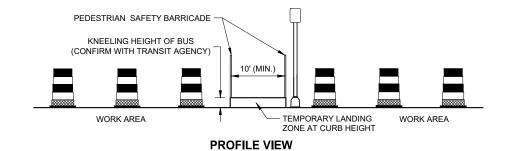
GENERAL NOTES

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

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

- (1) CURB RAMPS SHALL BE 48" MIN. WIDTH WITH A A FIRM, STABLE AND SLIP RESISTANT SURFACE. INSTALL CONTRASTING DETECTABLE WARNING FIELD AT PEDESTRIAN STREET CROSSINGS. REFER TO SDD 08D05, SHEET "e".
- (2) PROTECTIVE EDGING WITH A 2" MIN. HEIGHT SHALL BE INSTALLED WHEN A CURB RAMP OR LANDING PLATFORM HAS A VERTICAL DROP OF 6" OR GREATER OR HAS A SIDE APRON SLOPE STEEPER THAN 1:3 (33%), PROTECTIVE EDGING SHOULD BE CONSIDERED WHEN CURB RAMPS OR LANDING PLATFORMS HAVE A VERTICAL DROP OF 3" OR MORE.
- (3) DETECTABLE EDGING WITH 6" MIN. HEIGHT AND CONTRASTING COLOR SHALL BE INSTALLED ON ALL CURB RAMP LANDINGS WHERE THE WALKWAY CHANGES DIRECTION (TURNS).
- (4) CURB RAMPS AND LANDINGS SHALL HAVE A 1:50 (2%) MAX. CROSS-SLOPE.
- (5) CLEAR SPACE OF 48" X 48" SHALL BE PROVIDED ABOVE AND BELOW THE CURB RAMP.
- (6) THE CURB RAMP WALKWAY EDGE SHALL BE MARKED WITH A YELLOW COLOR, 4" WIDE MARKING, UNLESS A CONTRASTING DETECTABLE WARNING FIELD IS PROVIDED.
- 7) DO NOT RESTRICT WATER FLOW IN THE GUTTER SYSTEM.
- (8) LATERAL JOINTS OR GAPS BETWEEN SURFACES SHALL BE LESS THAN ½" WIDTH.
- (9) CHANGES BETWEEN SURFACE HEIGHTS SHALL NOT EXCEED ½". LATERAL EDGES SHALL BE VERTICAL UP TO ¼" HIGH AND BEVELED AT 1:2 BETWEEN ¼" AND ½".
- (10) 5" WIDE MIN. WITH PEDESTRIAN SAFETY BARRICADE, 10' WIDE MIN. WITHOUT PEDESTRIAN SAFETY BARRICADE.





TEMPORARY BUS STOP PAD

LEGEND

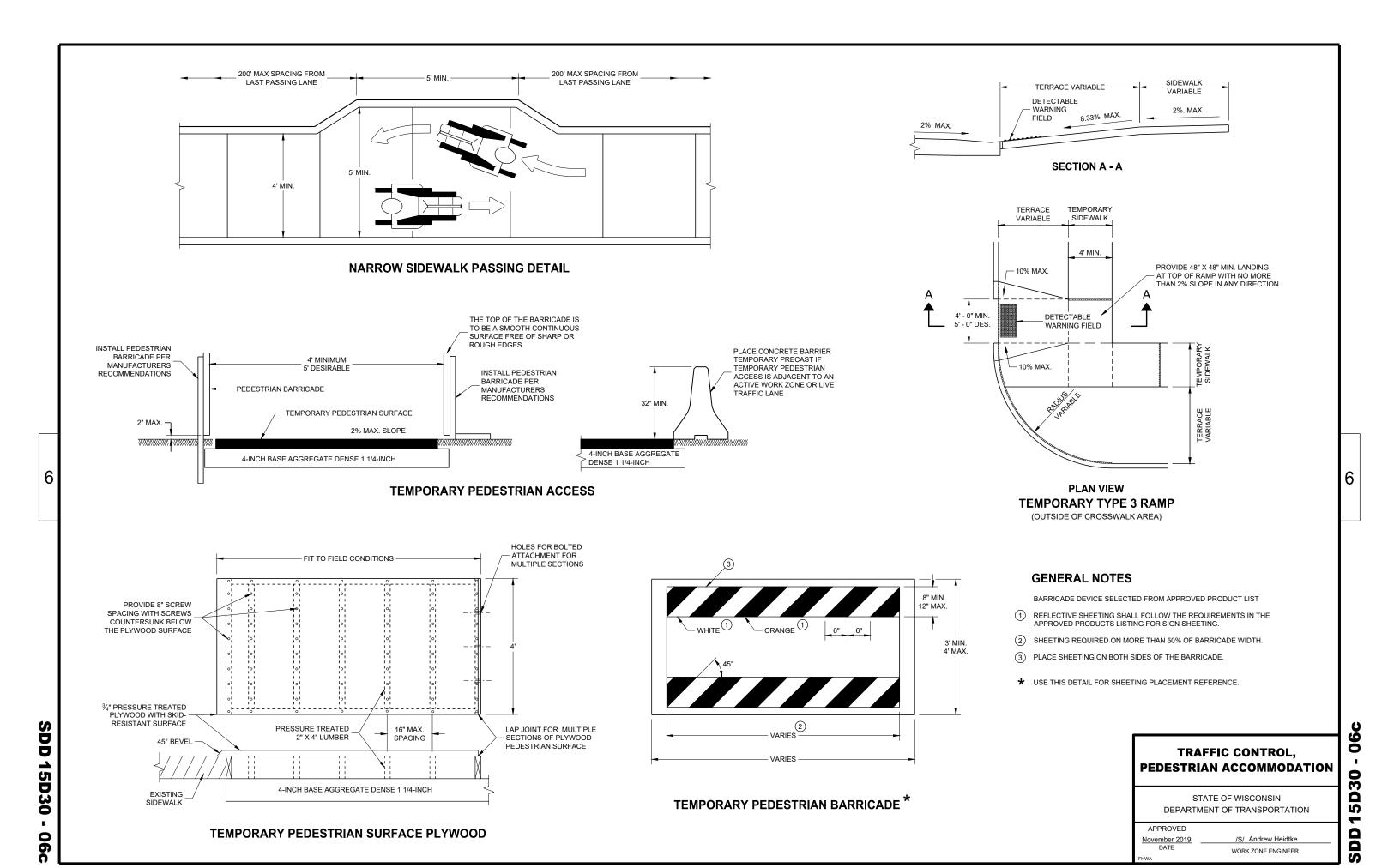


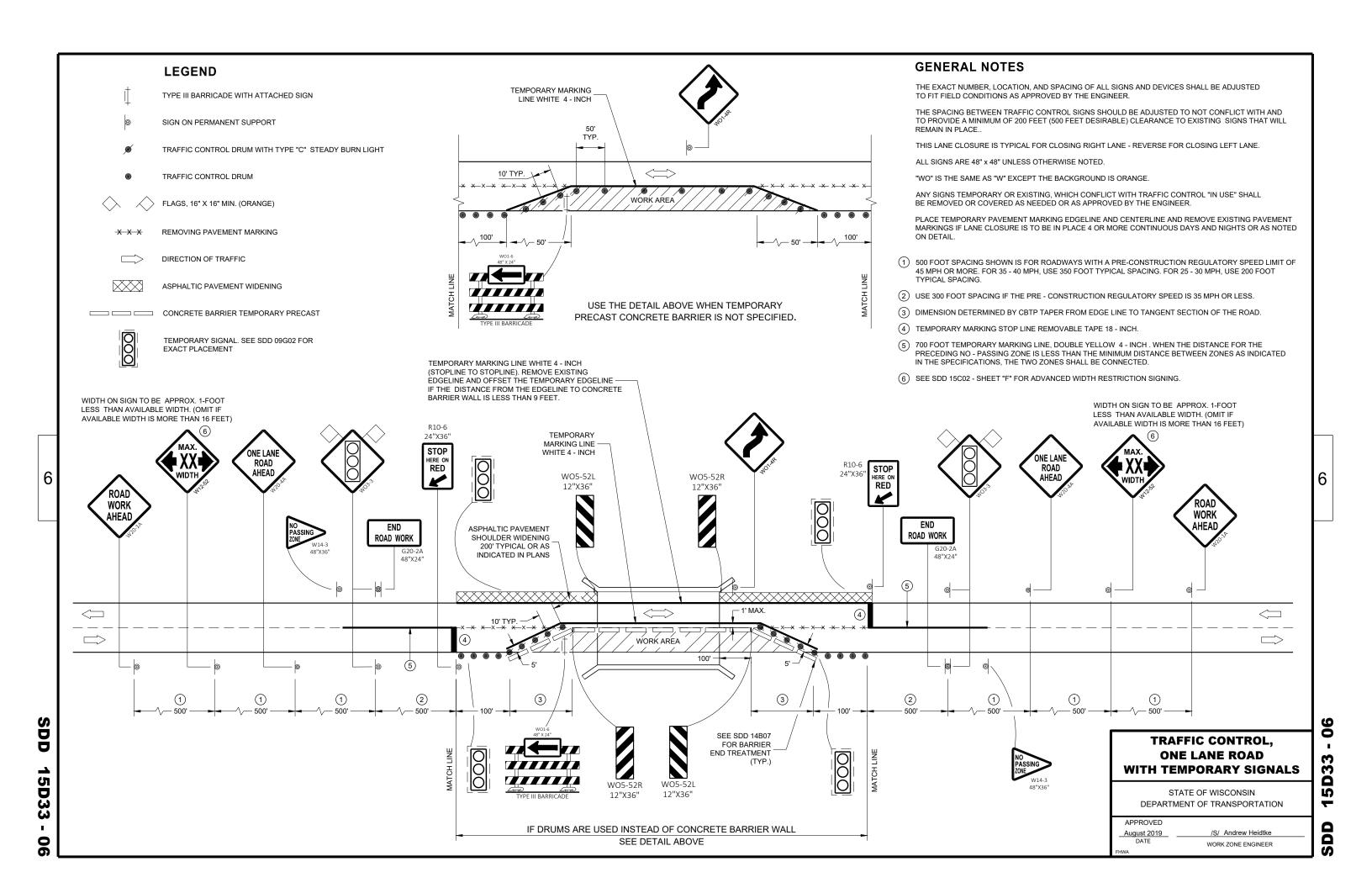
TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

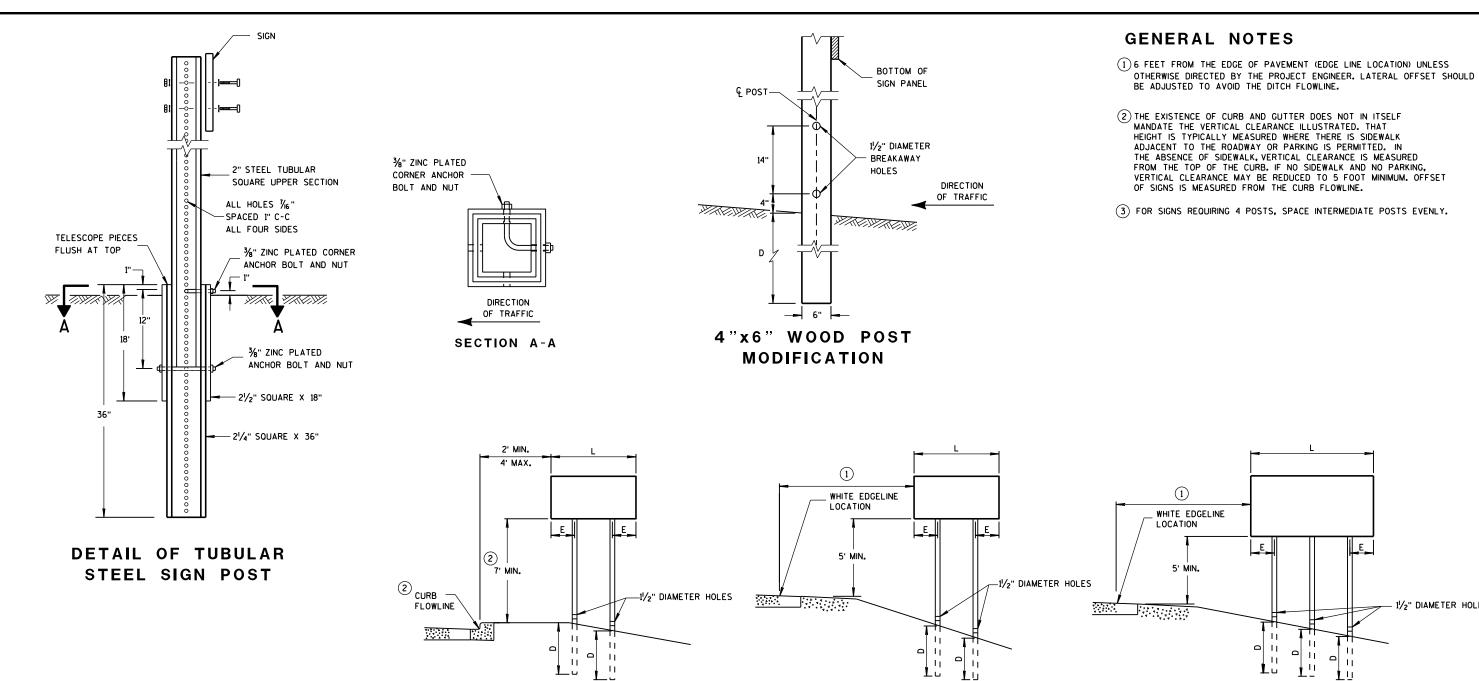
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

SDD 15D30 - 06I

SDD 15D30 - 06b







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 EOUAL TO 18	2
GREATER THAN 18 LESS THAN OR EOUAL 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

RURAL AREA

POST MOUNTING DETAIL FOR TEMPORARY TRAFFIC CONTROL FIXED MESSAGE SIGNS

WOOD POST **EMBEDMENT DEPTH**

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

4" X 6" WOOD POST

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

SEE NOTE (3)

TEMPORARY TRAFFIC CONTROL SIGN MOUNTING

-11

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

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6

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6

- 11/2" DIAMETER HOLES

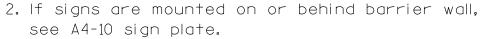
0 ∞ **2**D

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

> /S/ Andrew Heidtke WORK ZONE ENGINEER

APPROVED

June 2017 DATE



The Double Arrow sign (W12-1D) shall be mounted at a height of 2'-3" (\pm). The Chevron sign (W1-8), Roundabout Chevron panel (R6-4B), Enhanced Reference Markers, Clearance Markers (W5-52), Mile Markers (D10 series), In Road Object Markers (W5-54) & End of Road Markers (W5-56) shall be mounted at a height of 4'-3" (\pm).

- 3. For expressways and freeways, mounting height is 7'- 3" (±) or 6'-3" (±) depending upon existence of a sub-sign.
- 4. Minimum mounting height for signs mounted on traffic signal poles is $5'-3''(\frac{+}{2})$.
- 5. Offset distance shall be consistent with existing signs or consistent throughout length of project.
- 6. The (±) tolerance for mounting height is 3 inches.
- 7. Folding signs shall be mounted at a height of 5'-3'' (\pm) or as directd by the Engineer.

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

** Curb Flowline

D
White Edgeline Location

*

6'-3"(±)

D |

Outside Edge

of Gravel

White Edgeline
Location

Outside Edge
of Gravel

d.

POST EMBEDMENT DEPTH

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

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

HWY:

* 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.

TYPICAL INSTALLATION
OF PERMANENT TYPE II
SIGNS ON SINGLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

Matther & Rawk For State Traffic Engineer

DATE 5/13/2020 PLATE NO. _A4-3.22

SHEET NO:

Ε

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\A43.dgn

PROJECT NO:

PLOT DATE: 13-MAY 2020 1:04

COUNTY:

PLOT BY : mscj9h

PLOT NAME :

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

APPROVED



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

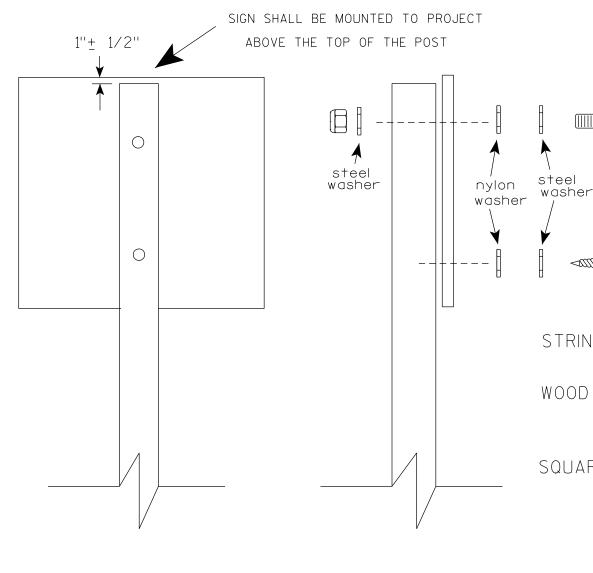
WISDOT/CADDS SHEET 42

OF TYPE II SIGNS ON MULTIPLE POSTS

TYPICAL INSTALLATION

SHEET NO:

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



Nuts, bolts and lags used for mounting signs shall have hexagonal heads and shall be either:

- a. Hot dip galvanized in accordance with ASTM Designation: A 153, Class D, or SC 3
- b. Electro-galvanized in accordance with ASTM Designation: B 633, TYPE III, SC 3.

Threads on bolts and nuts shall be manufactured with sufficient allowance for the cadmium plate or galvanized coating to permit the nuts to run freely on the bolts.

STRINGER BOLTING TO ALUMINUM SIGNS (SEE SIGN PLATE A4-18)

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

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

LAG SCREWS - 3/8" X 3" (NO STRINGERS ON BACK OF SIGN)
3/8" X 4" (STRINGERS ON BACK OF SIGN)

SQUARE STEEL POSTS (2" x 2")

MACHINE BOLTS - 3/8" X 3-1/4" Length w/ nuts (NO STRINGER ON BACK OF SIGN) 3/8" X 5" Length w/ nuts (STRINGERS ON BACK OF SIGN)

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

WASHERS (ALL POSTS) -

1-1/4" O.D. X $\frac{3}{8}$ " I.D. X $\frac{1}{16}$ " STEEL 1-1/4" O.D. X $\frac{3}{8}$ " I.D. X .080 NYLON

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

ATTACHMENT OF SIGNS
TO POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew

For State Traffic Engineer

SHEET NO:

DATE <u>4/1/202</u>0

PLATE NO. <u>44-8.9</u>

PROJECT NO:

PLOT DATE: 01-APRIL-2020

PLOT BY : dotc4c

WISDOT/CADDS SHEET 42

Ε

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



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

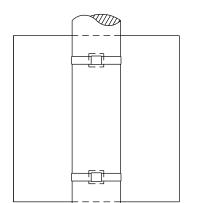
DATE 2/05/15

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

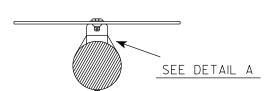
For State Traffic Engineer

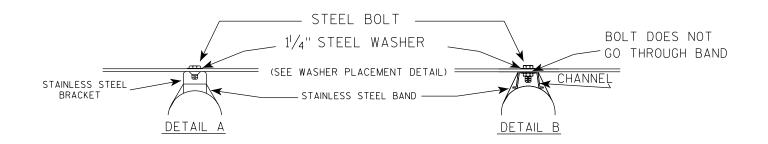


BANDING

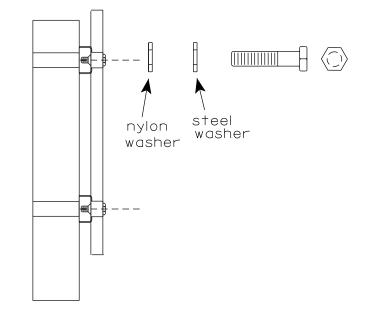


SINGLE SIGN





WASHER PLACEMENT



HWY:

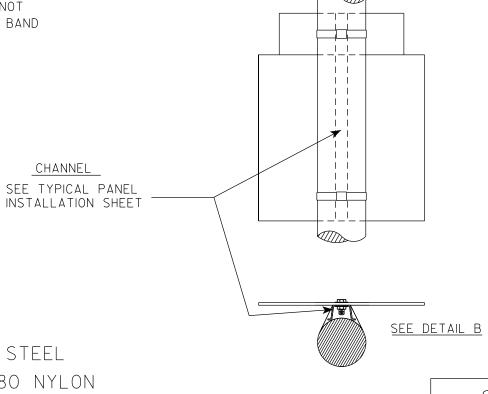
WASHERS (ALL POSTS) -

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

GENERAL NOTES

- 1. Any sign over 3 feet in width shall use the V-Block banding method. See A5-10 standard plate.
- 2. Signs 3 feet or greater in height shall have three bracket bands installed. Signs less than 3 feet in height shall have two bracket bands installed.
- 3. Banding and assembly bracket shall be stainless steel. All bands shall be $\frac{3}{4}$ " in width and 0.025" thickness.
- 4. ALL SIGN MOUNTING BOLTS AND WASHERS SHALL BE EITHER:
 - a. Hot dip or mechanically galvanized in accordance with ASTM Designation: A 153, Class D
 - b. Electro-galvanized in accordance with ASTM designation: B 633, Type III, SC 3

"J" ASSEMBLY



STANDARD SIGN SIGN BANDING DETAILS

WISCONSIN DEPT OF TRANSPORTATION

SHEET NO:

State Traffic Engineer

Ε

APPROVED

DATE 6/10/19 PLATE NO. A5-9.4

COUNTY:

PLOT DATE: 10-JUN 2019 4:10

PLOT NAME :

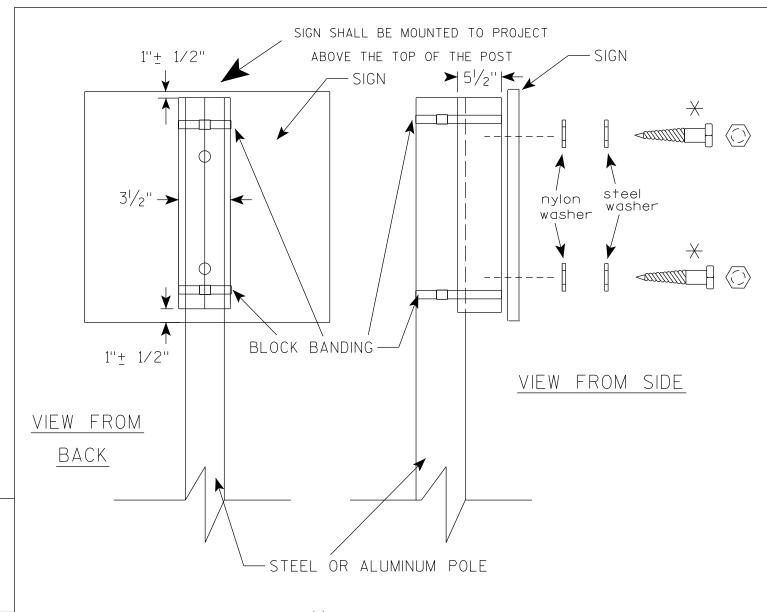
PLOT SCALE: \$\$.....plotscale.....\$\$ WISDOT/CADDS SHEET 42

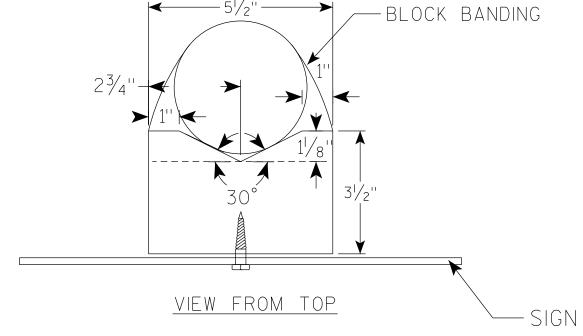
FILE NAME : C:\CAEfiles\Projects\tr_stdplate\A59.dgn

PROJECT NO:

PLOT BY: mscj9h

CHANNEL





GENERAL NOTES

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

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

 \rightarrow LAG BOLTS SHALL BE $\frac{3}{8}$ " X $2\frac{1}{2}$ "

BLOCK BANDING DETAIL (V-BLOCK OPTION)

WISCONSIN DEPT OF TRANSPORTATION

| APPROVED

For State Traffic Engineer

SHEET NO:

Matthew R

DATE 6/10/19

PLATE NO. _A5-10.2

PROJECT NO:

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

PLOT DATE: 10-JUN 2019 4:15

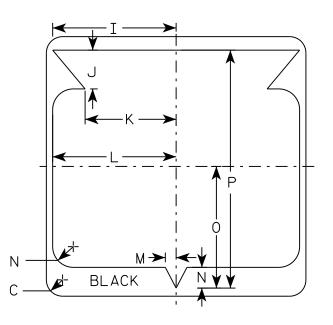
PLOT BY: mscj9h

- 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

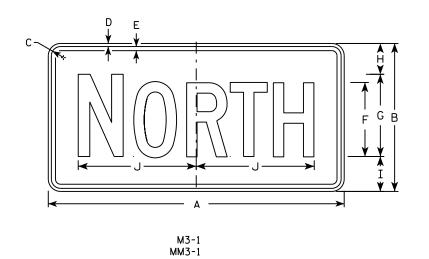
HWY:

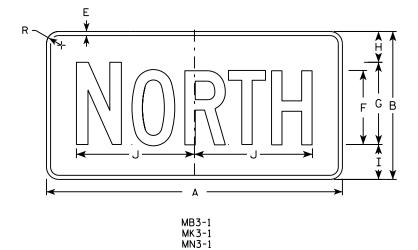
PROJECT NO:

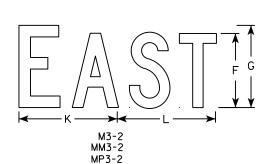
PLOT DATE: 16-MAR-2018 14:11

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

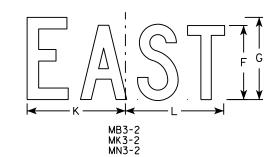
PLOT SCALE : 6.655277:1.000000

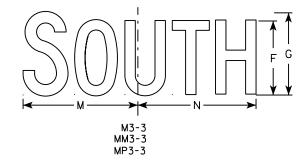


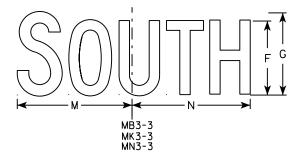


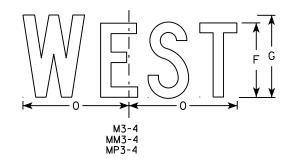


MP3-1

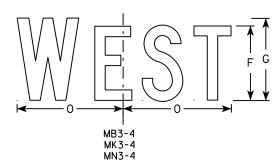








HWY:



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	Q	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:

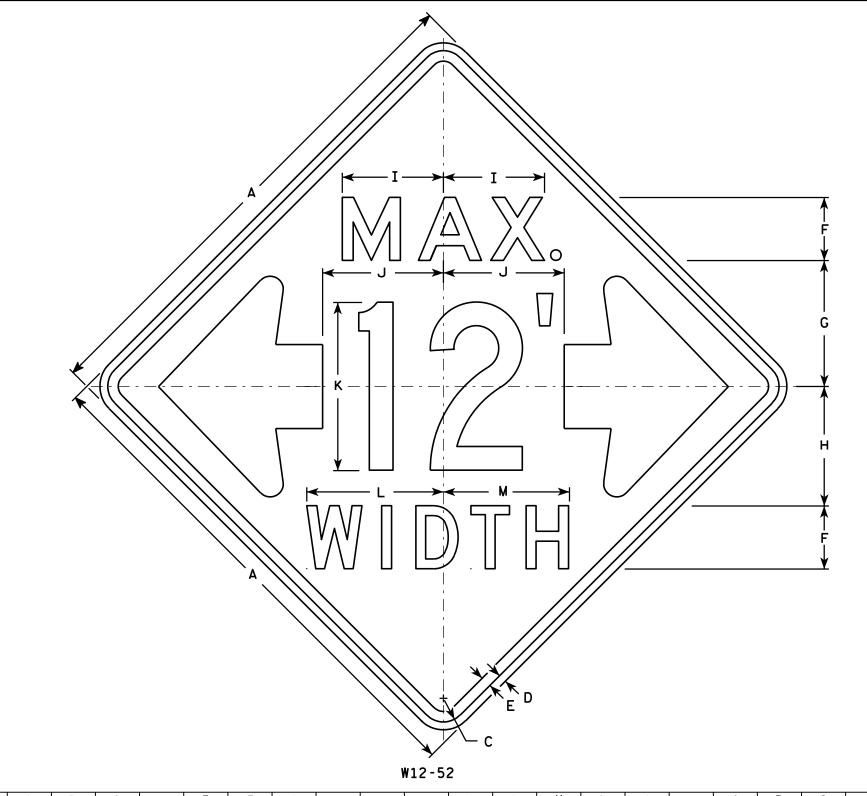
FILE NAME · C·\CAFfiles\Projects\tr stdolote\M31 DCN

PROJECT NO:

PLOT DATE . 01-DEC-2015 17:54

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

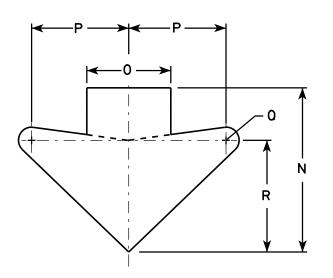
PLOT SCALE . 11 675051.1 000000



- 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 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 ^ T					ш			1/		1.4		_		_		_					· ·	· ·	7	Area
SIZE	Α	В	L L	ט	-	F	G	Н	l I	J	K	L	M	N	U	P	U	R	>	l	U	V	W	X	Y		Areg sq. ft.
1																											
2S	48		2 1/4	¾	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	3∕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:

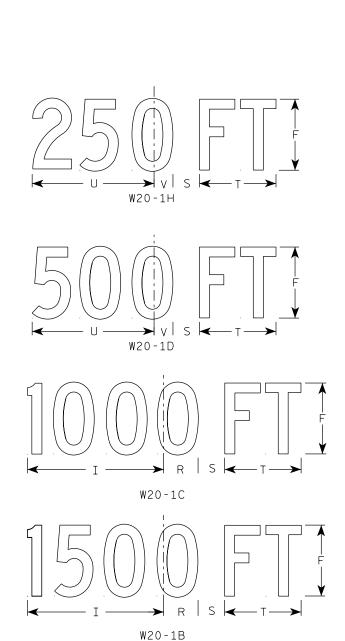
PROJECT NO:

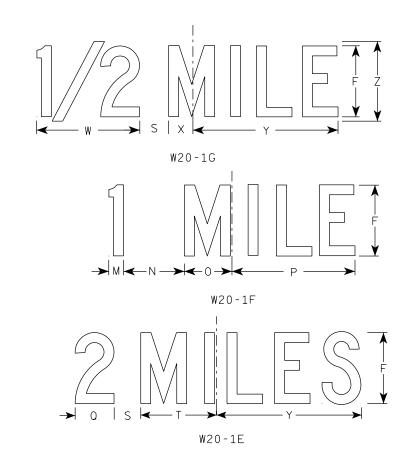
PLOT NAME :

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

Background – Orange Message – Black

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





SIZE	А	В	С	D	E	F	G	H I	J	K	_ M	N	0	Р	Q	R	S	Т	U	٧	W	X	Y	Z	Area sq. ft.
1	36		1 5/8	5/8	3/4	5	2 5/8	3 1/4 10 1/8	7	7 % 8	7/8 1 1/8	4 1/2	3 1/2	9	3 1/4	2 1/2	2 1/4	5 %	9	1 3/8	8	1 3/4	10 3/4	6	9.0
25	48		2 1/4	3/4	1	8	3 3/4	5 1/8 15 3/8	11 1/8	12 1/8 14	3/8 1 5/8	6 1/8	5 3/8	13 1/8	4 3/8	3 1/8	3	8 %	13 3/4	2 1/8	11 1/8	2 3/4	16 3/8	9	16.0
2M	48		2 1/4	3/4	1	8	3 3/4	5 1/8 15 3/8	11 1/8	12 1/8 14	3/8 1 5/8	6 1/8	5 3/8	13 1/8	4 3/8	3 1/8	3	8 %	13 3/4	2 1/8	11 1/8	2 3/4	16 3/8	9	16.0
3	48		2 1/4	3/4	1	8	3 3/4	5 1/8 15 3/8	11 1/8	12 1/8 14	3/8 1 5/8	6 1/8	5 3/8	13 1/8	4 3/8	3 1/8	3	8	13 3/4	2 1/8	11 1/8	2 3/4	16 3/8	9	16.0
4	48		2 1/4	3/4	1	8	3 3/4	5 1/8 15 3/8	11 1/8	12 1/8 14	3/8 1 5/8	6 1/8	5 3/8	13 1/8	4 3/8	3 1/8	3	8 %	13 3/4	2 1/8	11 1/8	2 3/4	16 3/8	9	16.0
5	48		2 1/4	3/4	1	8	3 3/4	5 1/8 15 3/8	11 1/8	12 1/8 14	³ / ₈ 1 ⁵ / ₈	6 %	5 3/8	13 1/8	4 3/8	3 1/8	3	8 %	13 ¾	2 1/8	11 1/8	2 3/4	16 3/8	9	16.0

STANDARD SIGN W20-1A, B, C, D, E, F, G & H

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch

 f_{or} State Traffic Engineer DATE 3/25/2020 PLATE NO. W20-1.11

SHEET NO:

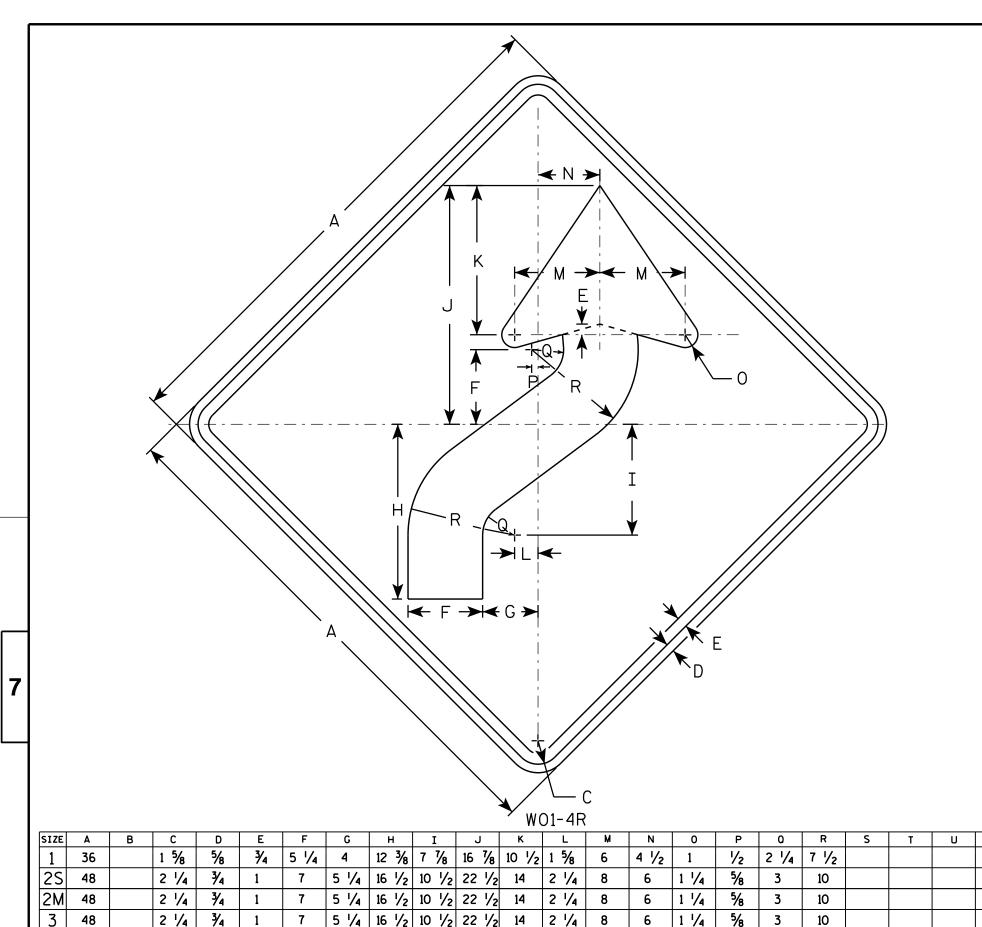
FILE NAME : C:\CAEfiles\Projects\tr_stdplate\W201.DGN

PROJECT NO:

W20-1A

PLOT DATE: 25-MARCH-2020

PLOT BY : dotc4c



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

- 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.

	G
	_ ¥ B
W01-6	₩

SIZE	Α	В	С	D	E	F	G	Н	I	J	К	L	M	N	0	Р	0	R	S	Т	U	٧	W	Х	Y	Z	Areg sq. ft.
1																											
2S	48	24	1 3/8	1/2	5/8		12	13 1/4	1	7 1/2	6 1/2	3 1/4	19 1/2	39													8.0
2M	48	24	1 3/8	1/2	5/8		12	13 1/4	1	7 1/2	6 1/2	3 1/4	19 1/2	39													8.0
3	60	30	1 3/8	1/2	5/8		15	16 1/4	1 1/4	9 1/4	8	4	24 3/8	48 3/4													12.5
4	60	30	1 3/8	1/2	5/8		15	16 1/4	1 1/4	9 1/4	8	4	24 3/8	48 ¾													12.5
5	60	30	1 3/8	1/2	5/8		15	16 1/4	1 1/4	9 1/4	8	4	24 3/8	48 ¾													12.5

COUNTY:

STANDARD SIGN WO1-6

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

Matther R Rauch
For State Traffic Engineer

For State Traffic Engineer

13 PLATE NO. <u>W01-6.1</u>

DATE <u>11/18/13</u>

SHEET NO:

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\W016.DGN

HWY:

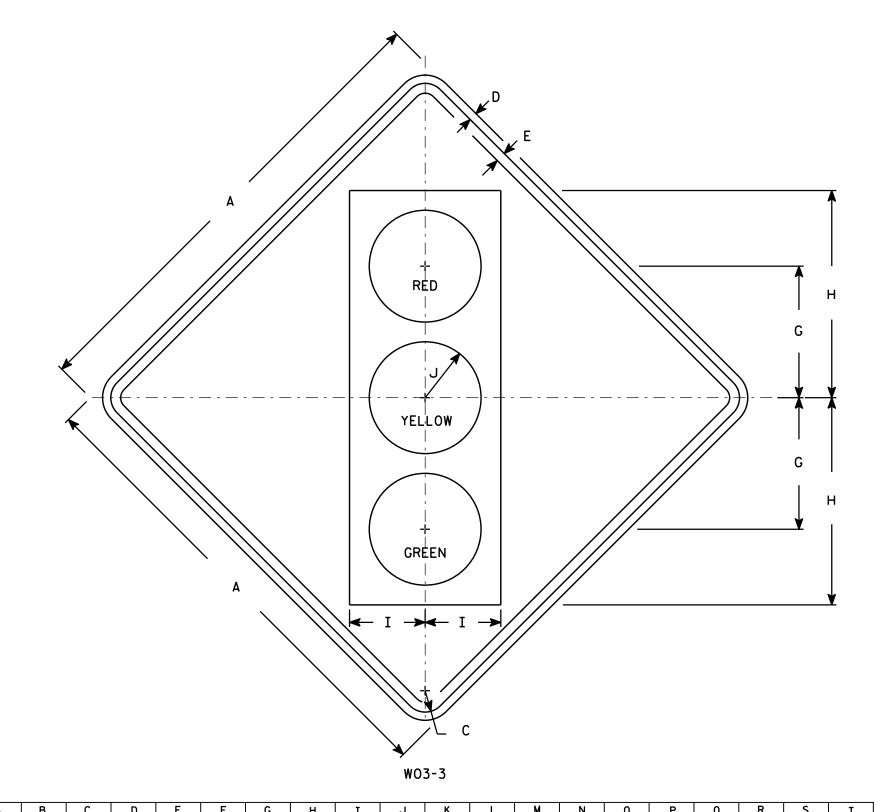
PROJECT NO:

PLOT DATE: 28-FEB-2014 11:37

PLOT NAME :

PLOT BY: mscj9h

PLOT SCALE: 5.837526:1.000000



- 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 - 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. Symbol and border are non-reflective black. Top circle - Type H Reflectorized Red Center circle - Same as background Bottom circle - Type H Reflectorized Green

1																											
SIZE	Α	В	С	D	Е	F	G	Н	I	J	K	L	М	N	0	Р	0	R	S	Т	U	٧	W	X	Y	Z	Area sq. ft.
1	36		1 5/8	5/8	3/4		10	15 ¾	5 3/4	4 1/4																	9.0
2S	48		2 1/4	3/4	1		12 1/2	20	7 1/2	5																	16.0
2M	48		2 1/4	3/4	1		12 1/2	20	7 1/2	5																	16.0
3	48		2 1/4	3/4	1		12 1/2	20	7 1/2	5																	16.0
4	48		2 1/4	3∕4	1		12 1/2	20	7 1/2	5																	16.0
5	48		2 1/4	3∕4	1		12 1/2	20	7 1/2	5																	16.0

COUNTY:

STANDARD SIGN WO3 - 3

WISCONSIN DEPT OF TRANSPORTATION

DATE 11/20/13 PLATE NO. WO3-3.1

SHEET NO:

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\W033.DGN

HWY:

PROJECT NO:

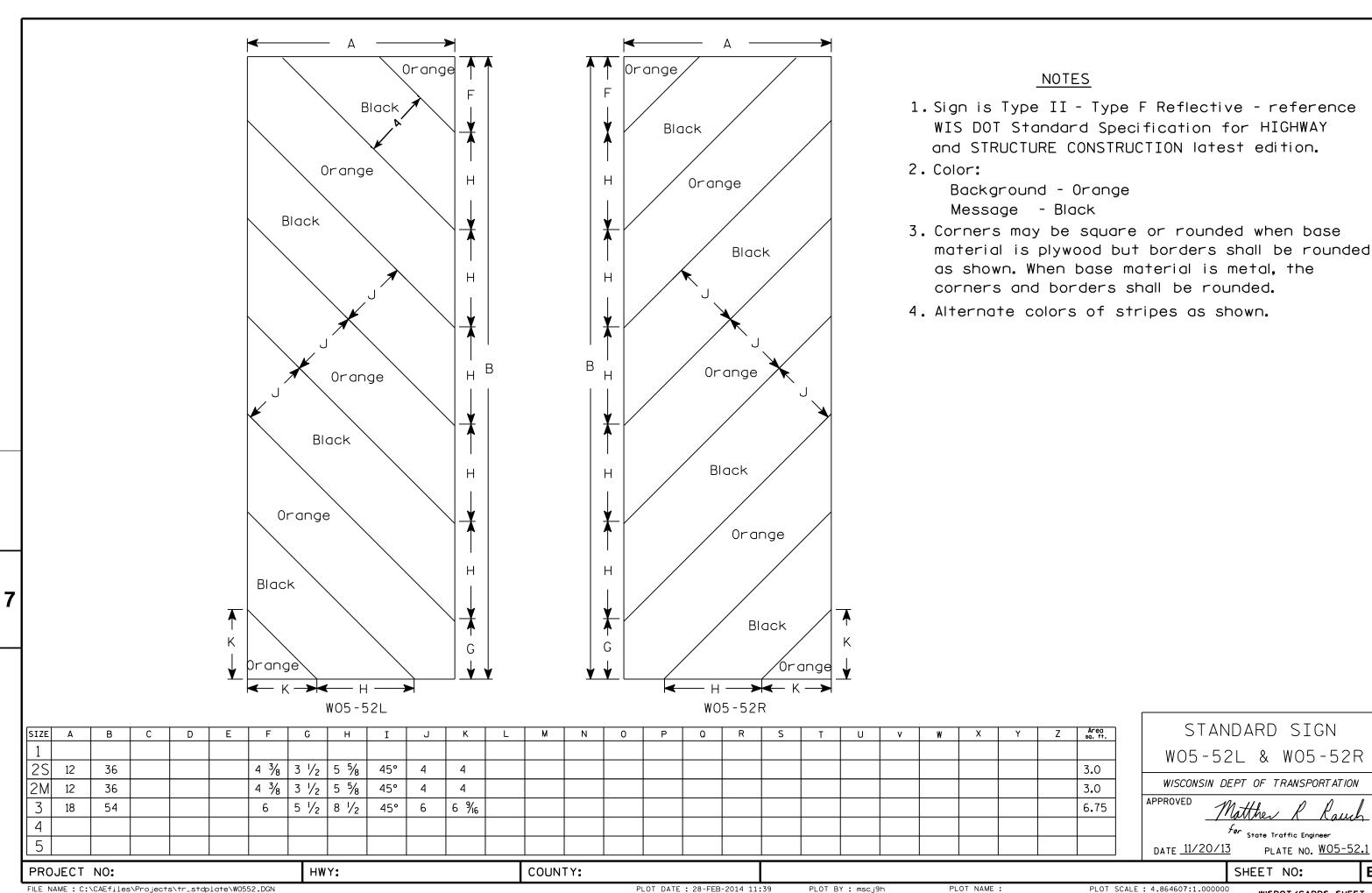
PLOT DATE: 20-NOV-2013 11:26

PLOT NAME :

PLOT BY: mscsja

WISDOT/CADDS SHEET 42

PLOT SCALE: 7.296908:1.000000



PLOT NAME : PLOT SCALE: 4.864607:1.000000

- 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	Ε	F	G	Н	I	J	K	L	М	N	0	Р	Q	R	S	Т	U	٧	W	X	Y	Z	Area sq. ft.
1	36	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 3/8	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

....

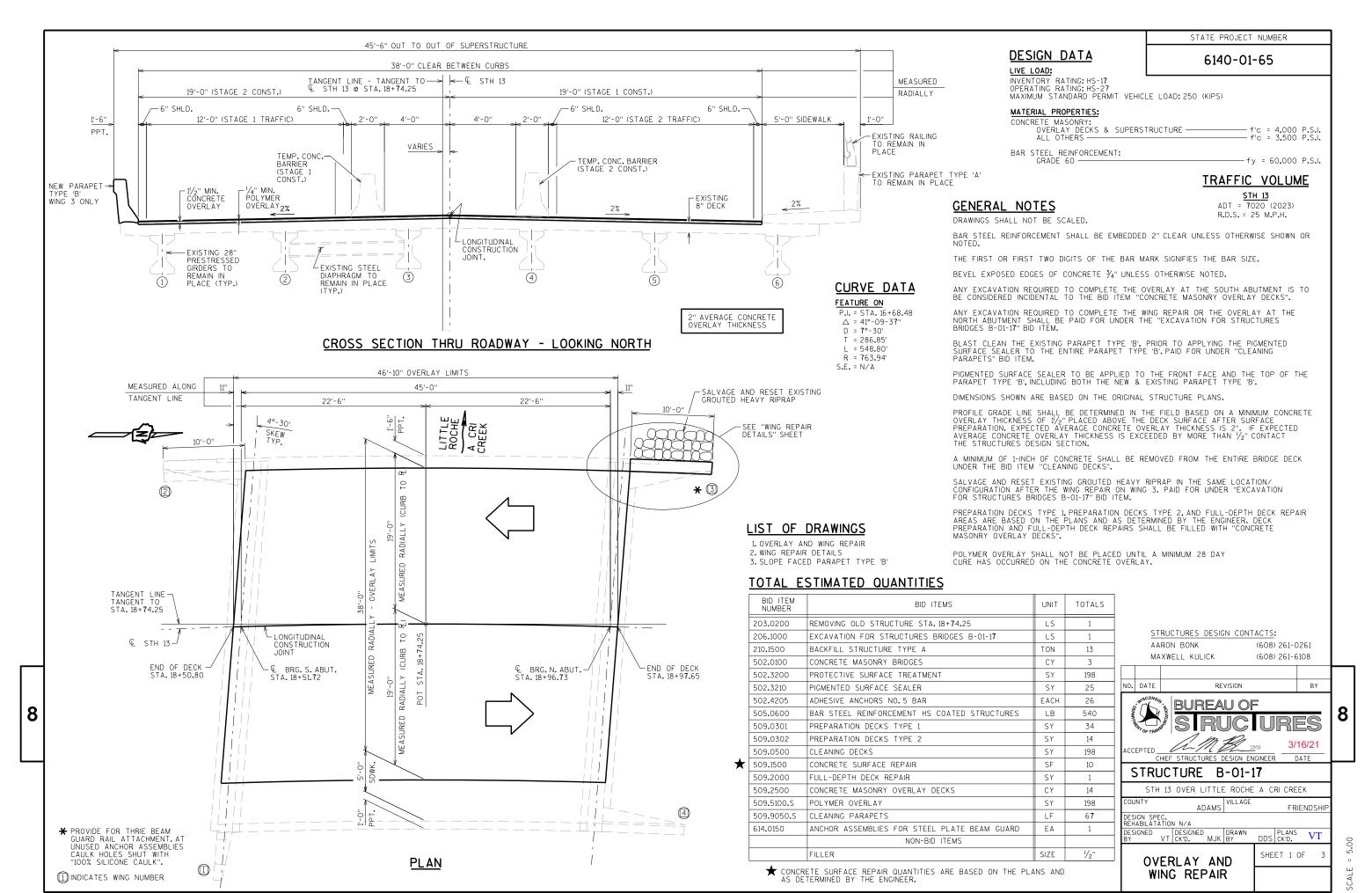
FILE NAME : C:\CAEfiles\Projects\tr_stdplate\W05752.DGN

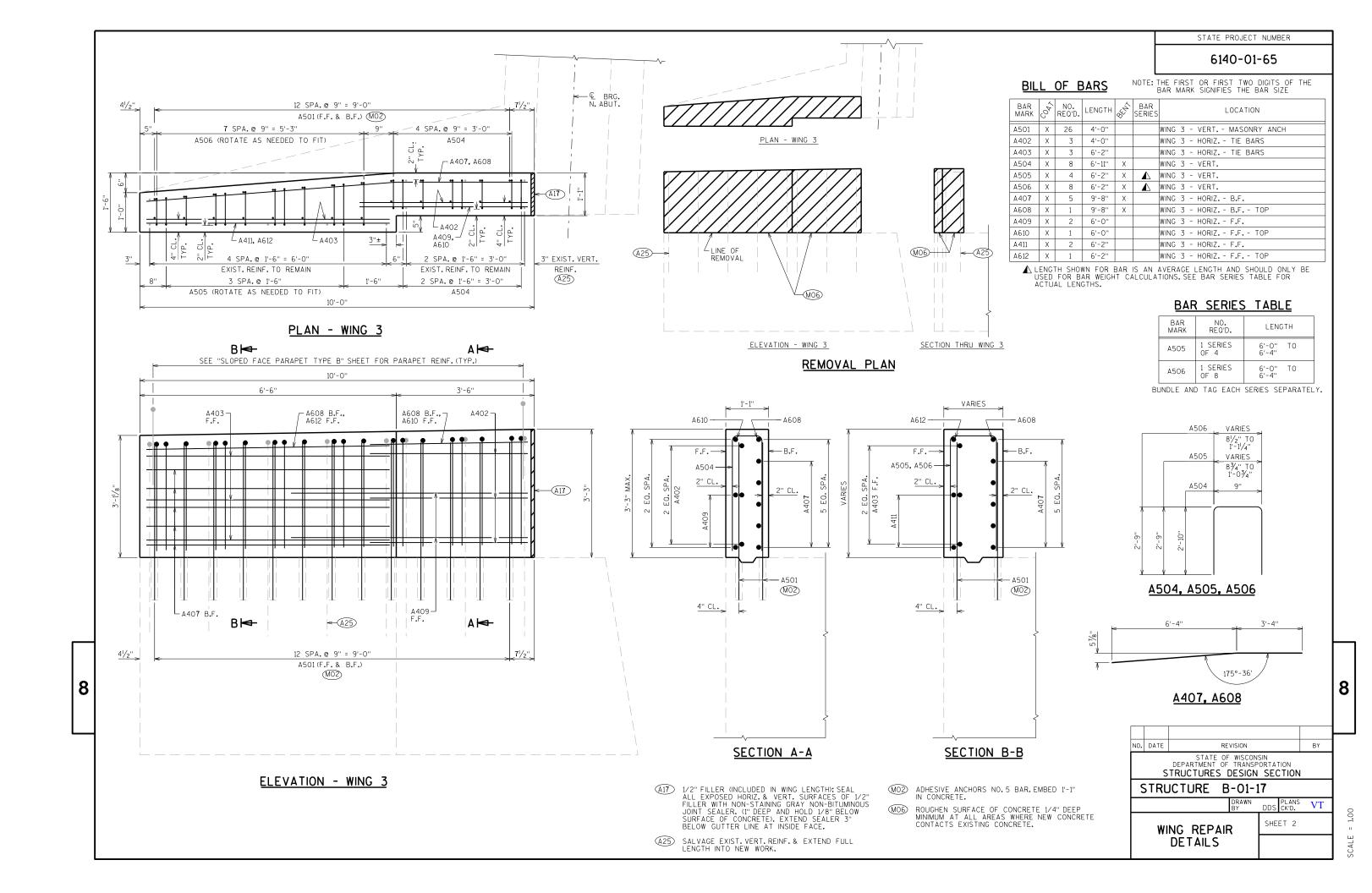
PROJECT NO:

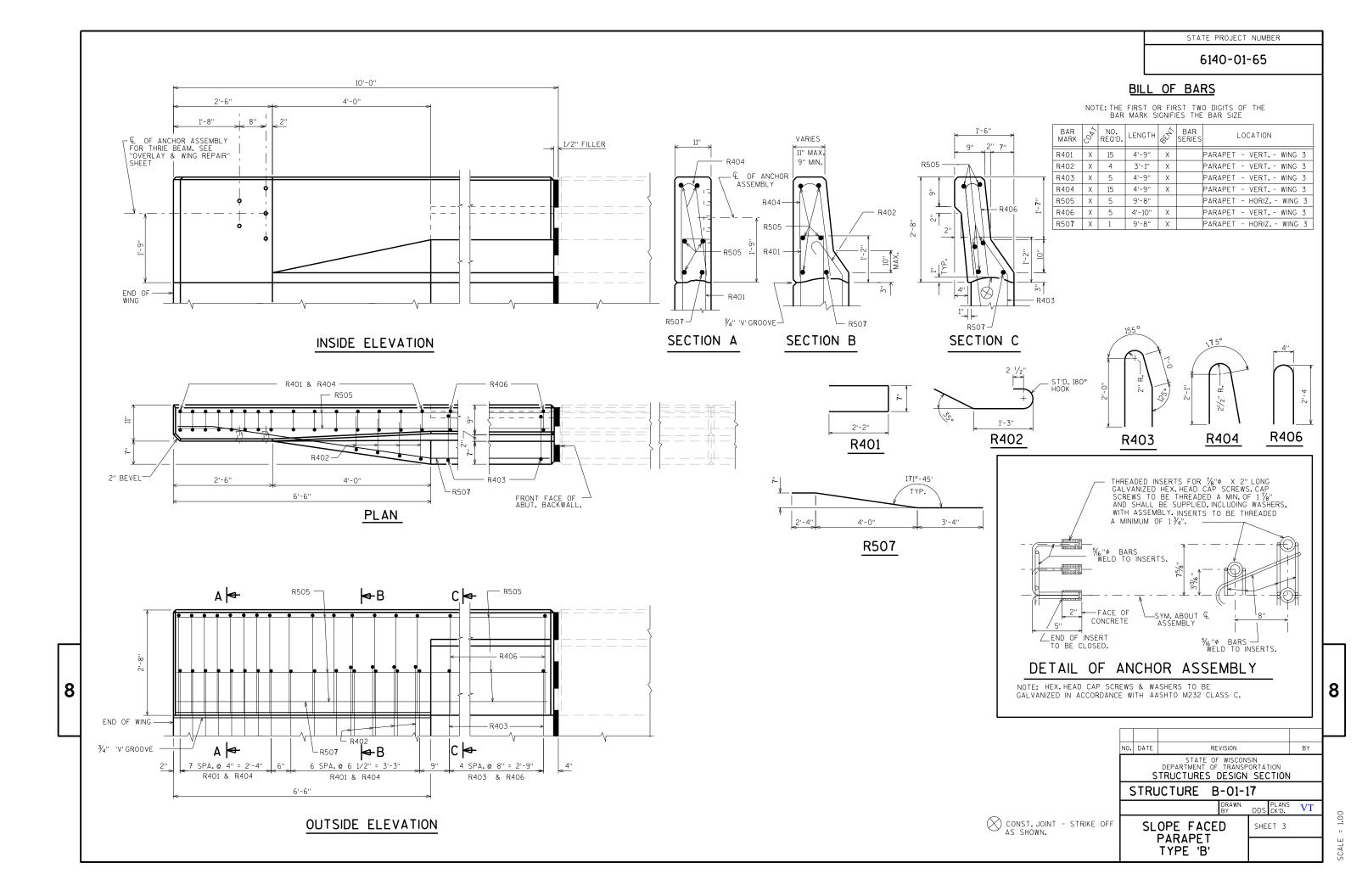
PLOT DATE: 21-MAR-2017 08:53

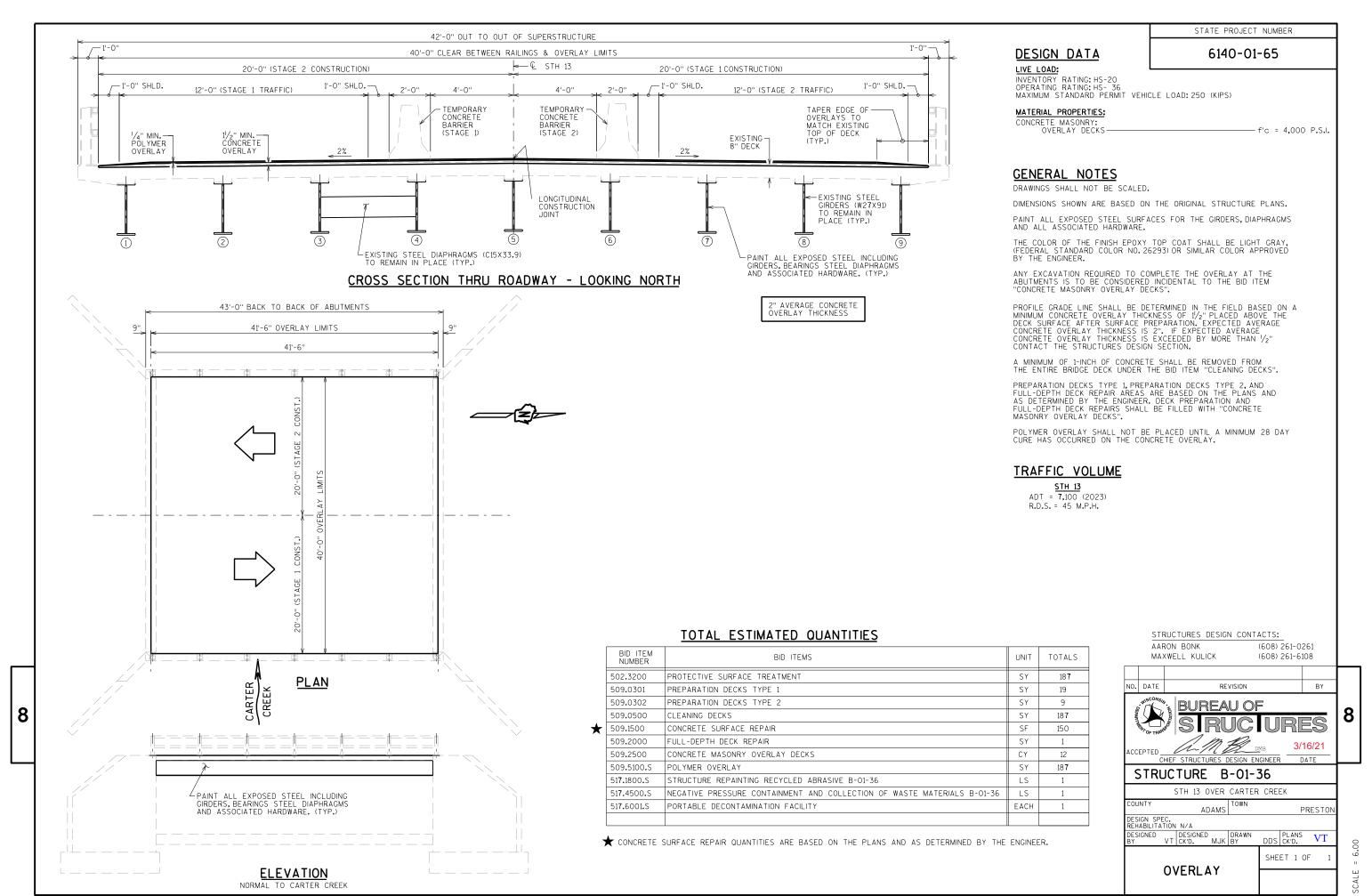
PLOT BY: \$\$...plotuser...\$\$ PLOT NAME:

PLOT SCALE: 8.139174:1.000000











Wisconsin Department of Transportation

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