

6-00-75

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	Section No.
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JANUARY 2023

ORDER OF SHEETS

Section No.	3	Estimate of Quantities
Section No.	3	Miscellaneous Quantities
Geetion No.	4	Right of Way Plat
Section No.	5	Plan and Profile
Section No.	6	Standard Detail Drawings
Section No.	7	Sign Plates
Section No.	8	Structure Plans
Section No.	9	Computer Earthwork Data
Section No.	9	Cross Sections

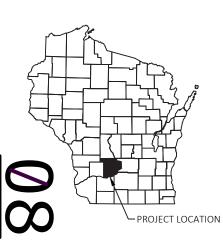
1

2

Title

Typical Sections and Details

TOTAL SHEETS = 74



DESIGN DESIGNATION 5976-00-75

A.A.D.T.	2023	=	1,130
A.A.D.T.	2043	=	1,243
D.H.V.		=	161
D.D.		=	62/38
Т.		=	7.7
DESIGN SPEED		=	60 MPH
ESALS		=	211,700

CONVENTIONAL SYMBOLS

SAUK

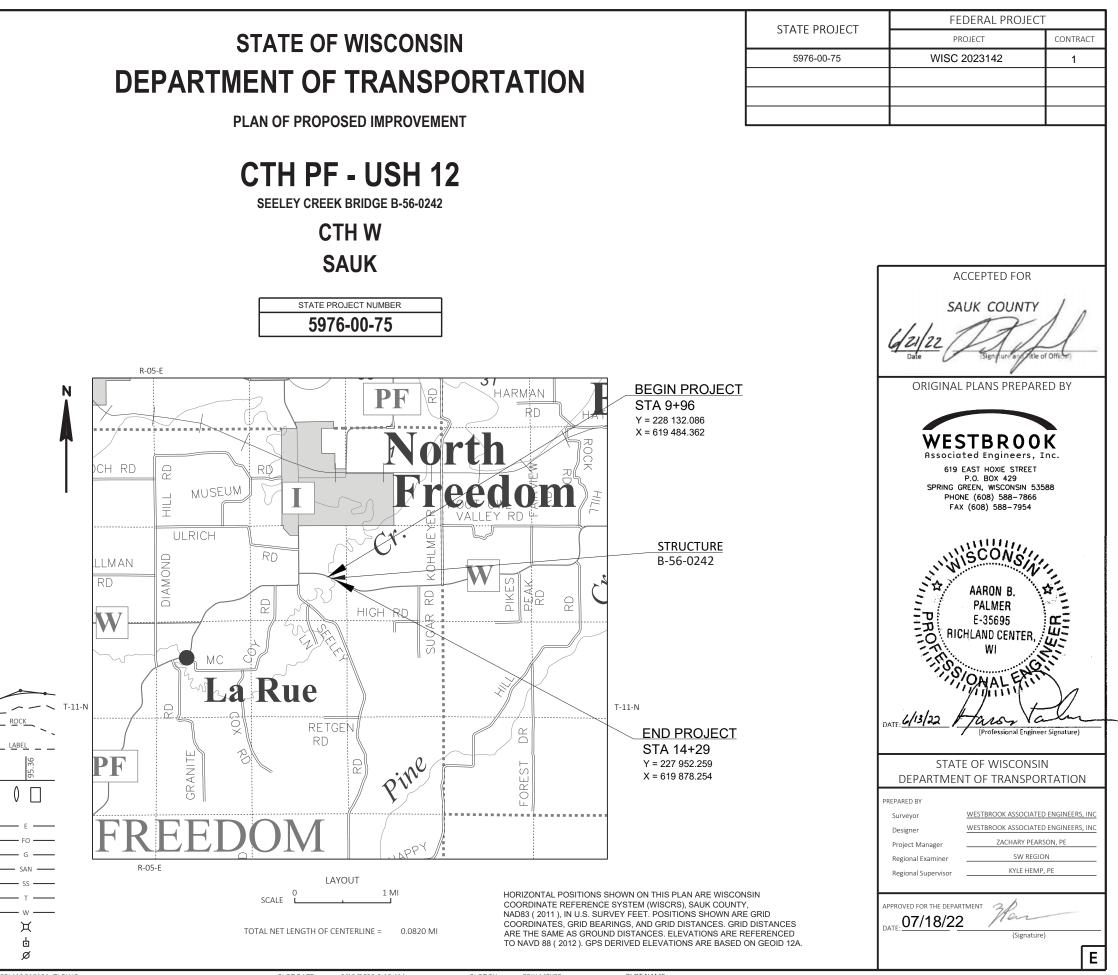
COUNTY:

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

///.	PROFILE GRADE LINE
	ORIGINAL GROUND
	MARSH OR ROCK PROFILE (To be noted as such)
	SPECIAL DITCH
	GRADE ELEVATION
	CULVERT (Profile View)
	UTILITIES FLECTRIC
	FIBER OPTIC
	GAS
	SANITARY SEWER
N-	STORM SEWER
•	TELEPHONE
<u>آ</u>	WATER
L'	UTILITY PEDESTAL
~~~~	POWER POLE

TELEPHONE POLE

STATE PROJECT NUMBER 5976-00-75



FILE NAME : G:\00-PROJECT FILES\2021\21015 CTH W OVER SEELEY CREEK, SAUK COUNTY 5976-00-75\0-CAD\SHEETSPLAN\010101_TI.DWG

PLOT DATE : 6/13/2022 8:18 AM PLOT BY : ERIK MEYER PLOT NAME

#### **GENERAL NOTES**

2

WETLANDS EXIST IN THE PROJECT AREA.	NO DISTURBANCES SHALL OCCUR OUTSIDE OF THE SLOPE INTERCEPTS IN
WETLAND AREAS.	

EROSION CONTROL ITEMS TO BE PLACED AS SHOWN ON THE PLAN OR AS DIRECTED BY THE ENGINEER. SILT FENCE AND TURBIDITY BARRIER SHALL BE IN PLACE PRIOR TO CONSTRUCTION.

EROSION CONTROL FEATURES AS SHOWN ON THE PLANS ARE SUGGESTED LOCATIONS. EXACT LOCATIONS WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.

DISTURBED AREAS WITHIN THE RIGHT-OF-WAY. EXCEPT THE AREAS WITHIN THE FINISHED SHOULDER POINTS. SHALL BE FERTILIZED, SEEDED, TEMPORARY SEEDED, AND MULCHED AS DIRECTED BY THE ENGINEER.

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

SLOPES STEEPER THAN 2.5:1 REQUIRE EROSION MAT.

REMOVAL OF ASPHALTIC SURFACES WHERE AN ABUTTING ASPHALTIC SURFACE IS TO REMAIN IN PLACE SHALL REQUIRE A SAWCUT MEETING THE APPROVAL OF THE ENGINEER IN THE FIELD.

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.

D.O.T. MONUMENT IS TO BE FURNISHED BY THE STATE AND PLACED BY THE CONTRACTOR IN THE SAME WING THAT THE PROPOSED NAME PLATE WILL BE PLACED, AS DIRECTED BY THE ENGINEER.

COORDINATES ON THIS PLAN ARE REFERENCED TO THE WISCONSIN COUNTY COORDINATE SYSTEM (WCCS), SAUK COUNTY, HORIZONTAL DATUM NAD83 (2011), ELEVATION DATUM NAVD88 (2012).

THE 4.5-INCH ASPHALTIC SURFACE SHALL BE CONSTRUCTED USING A 2 1/4-INCH LOWER LAYER OF 19 MM NOMINAL SIZE AGGREGATE AND A 2 1/4-INCH UPPER LAYER OF 12.5 MM NOMINAL SIZE AGGREGATE.

ASPHALTIC SURFACE CALCULATIONS ARE BASED ON 112 LB/SY/IN.

MAINTAIN ACCESS TO FIELD ENTRANCES FOR THE DURATION OF THE PROJECT.

#### ORDER OF DETAIL SHEETS

GENERAL NOTES TYPICAL SECTIONS SIGNING AND PAVEMENT MARKING ALIGNMENT DETAILS AND CONTROL POINTS

					HYDR	DLOGIC SOIL	GROUI	C				
			A			В			С			D
			ERANGE CENT)			ERANGE CENT)			RANGE CENT)			E RANGE RCENT)
LAND USE	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER
ROW CROPS	.08 .22	.16 .30	.22 .38	.12 .26	.20 .34	.27 .44	.15 .30	.24 .37	.33 .50	.19 .34	.28 .41	.38 .56
MEDIAN STRIP- TURF	.19 .24	.20 .26	.24 .30	.19 .25	.22 .28	.26 .33	.20 .26	.23 .30	.30 .37	.20 .27	.25 .32	.30 .40
SIDE SLOPE- TURF			.25 .32			.27 .34			.28 .36			.30 .38
PAVEMENT:												
ASPHALT						.7095						
CONCRETE						.8095						
BRICK						.7080						
DRIVES,WALKS						.7585						
ROOFS						.7595	-					
GRAVEL ROADS, SHO	JULDE	KS				.4060	)					

TOTAL PROJECT AREA = 1.00 ACRES TOTAL AREA EXPECTED TO BE DISTURBED BY CONSTRUCTION ACTIVITIES = 0.66 ACRES

CONSULTANT LIAISON	
WESTBROOK ASSOCIATED ENGINEERS, INC. 619 EAST HOXIE ST SPRING GREEN, WI 53588	
ATTN: AARON PALMER, P.E. PH: (608) 588-7866 FAX: (608) 588-7954 apalmer@westbrookeng.com	

UTILITIES		AADT AAG. B.M. C OR CL CR. C.T.H.	ANNUAL AVERAGE DAILY TRAFFIC AGGREGATE BENCH MARK CENTERLINE CRUSHED COUNTY TRUNK HIGHWAY	L.F. L.H.F. L.S. LT. MAX. MIN.	LINEAR FEET LEFT HAND FORWARD LUMP SUM LEFT MAXIMUM MINIMUM	REQ'D RT. R/W RD. RDWY. S.	REQUIRED RIGHT RIGHT-OF-WAY ROAD ROADWAY SOUTH
ELECTRICCOMMUNICATIONALLIANT ENERGYLUMENMICHAEL LONGSTEVE BISHOP520 COMMERCE AVE130 4TH STBARABOO, WI 53913BARABOO, WI 5391PHONE: (608) 356-0608PHONE: (608) 355-7EMAIL: MichaelLong@alliantenergy.comEMAIL: Steven.Bishop	Dial Sin or (800)242-8511	CWT. C.Y. D.H. D.H.V. DIR. E. COR. EL. OR ELEV. F.E. FT. GAL. H.W. IN. K L.	HUNDREDWEIGHT CUBIC YARD DOUBLE HEADED DESIGN HOURLY VOLUME DIRECTED EAST CORNER ELEVATION FIELD ENTRANCE FOOT (FEET) GALLON HIGH WATER INCHES SIGHT DISTANCE LENGTH OF CURVE	N. NOR. PAV'T. P.C. P.I. P.E. P.K. POR PL P.P. PROJ. P.T. PVMT. R. R. REINF.	NORTH NORMAL PAVEMENT POINT OF CURVE POINT OF INTERSECTION PRIVATE ENTRANCE PARKER-KALON NAIL PROPERTY LINE POWER POLE PROJECT POINT OF TANGENCY PAVEMENT RADIUS RAILROAD REINFORCED	SE SHRK. S.R. STD. S.T.H. S.T.A. S.T.A. T T UNCL. V. V.C. VAR. W.	SOUTHEAST SHRINKAGE SIDE ROAD STANDARD STATE TRUNK HIGHWAY STATION SQUARE YARD TANGENT LENGTH OF CURVE TRANSIT LINE UNCLASSIFIED EXCAVATION DESIGN SPEED VERTICAL CURVE VARIABLE WEST
PROJECT NO: 5976-00-75 H	WY: CTH W COUNTY: SAUK	GENERAL NOTES				SH	EET <b>E</b>

G:\00-PROJECT FILES\2021\21015 CTH W OVER SEELEY CREEK, SAUK COUNTY 5976-00-75\0-CAD\SHEETSPLAN\020101 GN.DWG FILE NAME : LAYOUT NAME - 020101_gn

PLOT DATE : 7/15/2022 2:32 PM PLOT BY : ERIK MEYER

PLOT NAME :

# RUNOFF COEFFICIENT TABLE

# CONTACTS

#### WDNR LIAISON

DNR SOUTH CENTRAL REGION HEADQUARTERS 3911 FISH HATCHERY ROAD FITCHBURG, WI 53711

ATTN: ANDY BARTA PH: (608) 235-2955 Andrew.Barta@wisconsin.gov

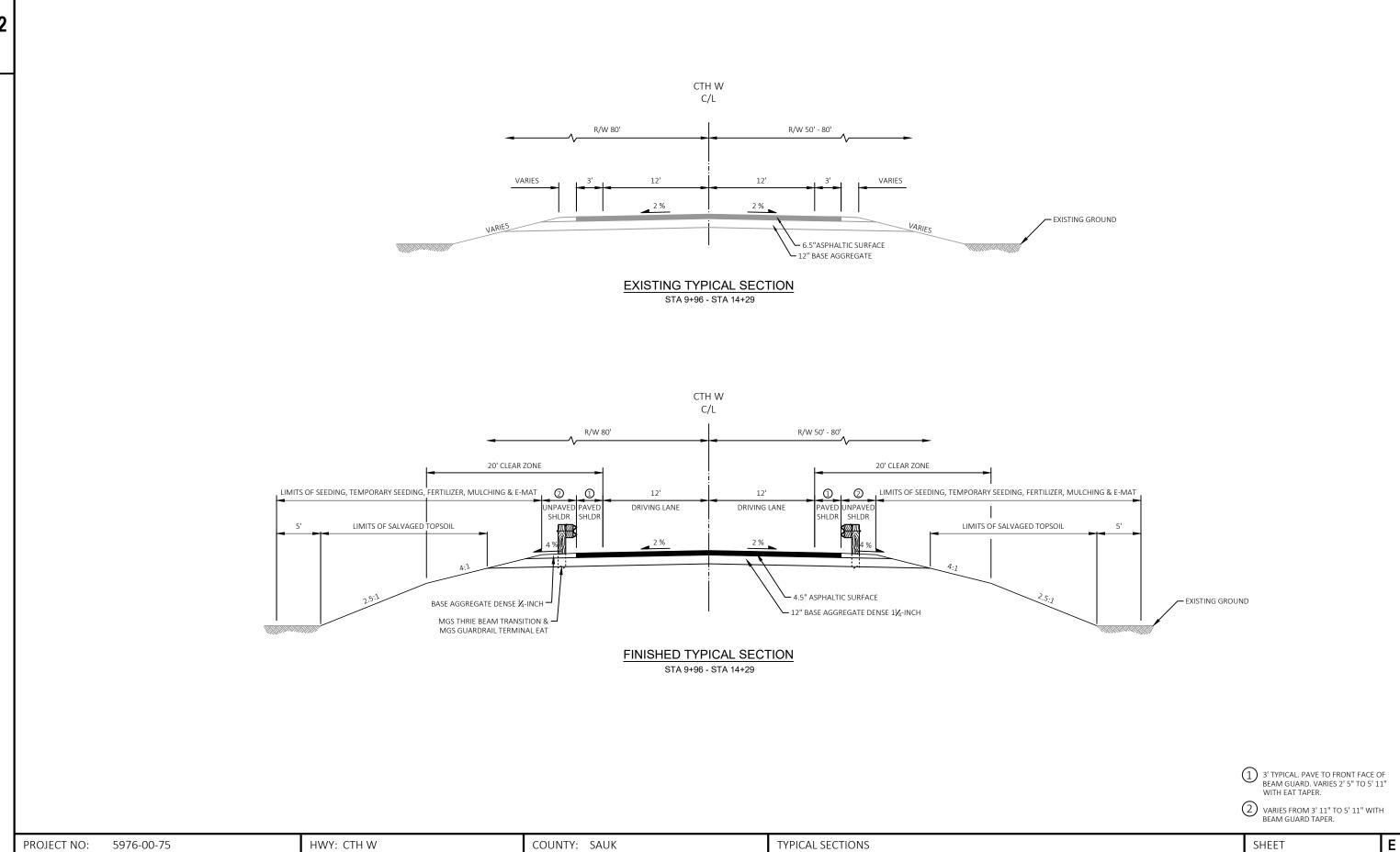
#### COUNTY LIAISON

SAUK COUNTY HIGHWAY DEPARTMENT 620 LINN STREET WEST BARABOO, WI 53913

ATTN: PATRICK GAVINSKI PH: (608) 574-2935 Patrick.Gavinski@saukcountywi.gov

# STANDARD ABBREVIATIONS

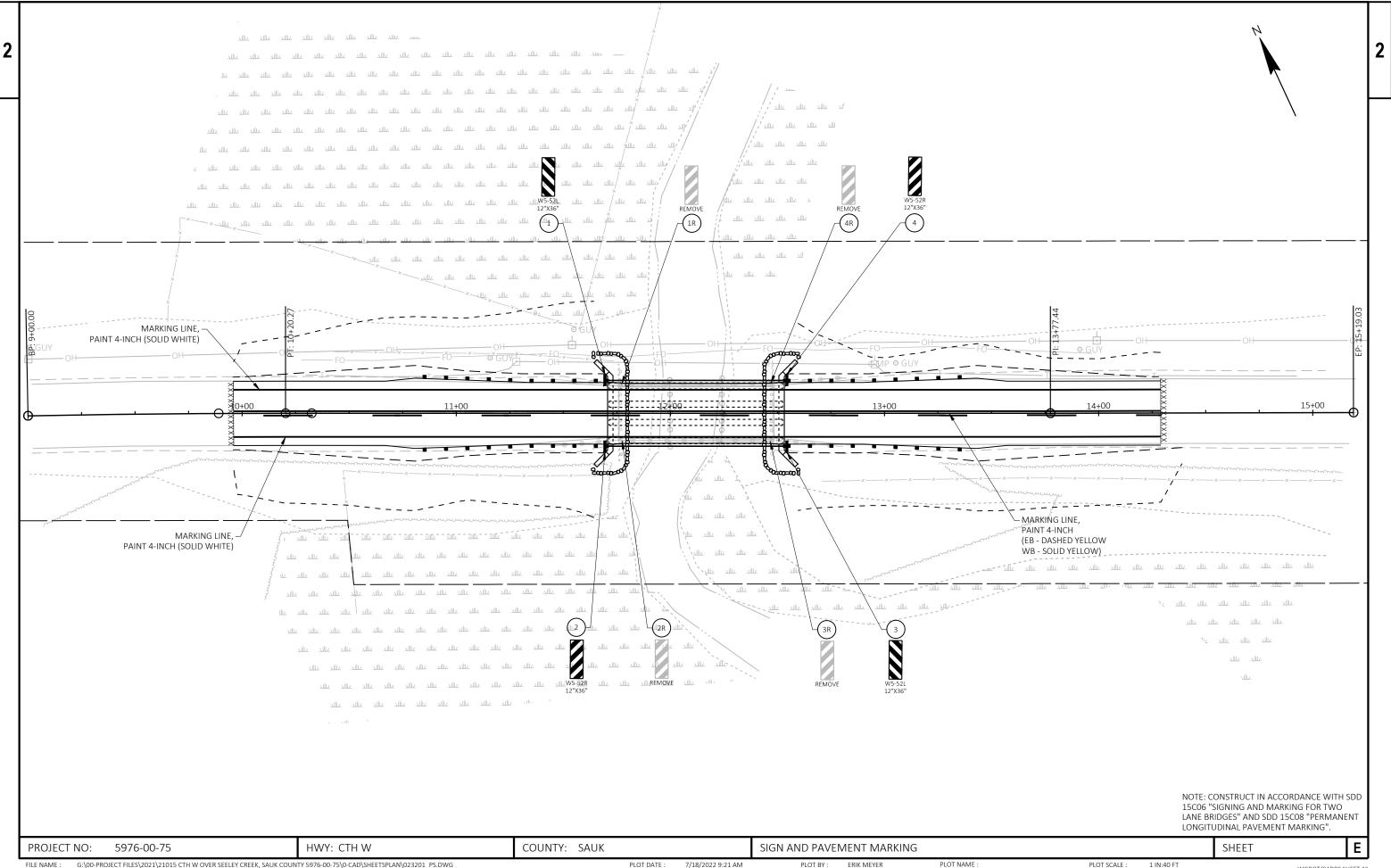
WISDOT/CADDS SHEET 42



PF	ROJECT NO:	5976-00-75	HWY: CIH W	COUNTY: SAUK			TYPICAL SECTION	NS	
FILE		0-PROJECT FILES\2021\21015 CTH W OVER SEELEY CREEK, SAUK COUN DUT NAME - 020301 ts	TY 5976-00-75\0-CAD\SHEETSPLAN\020301_TS.DWG		PLOT DATE :	7/8/2022 10:44 AM	PLOT BY :	ERICA BAUER	

PLOT NAME :

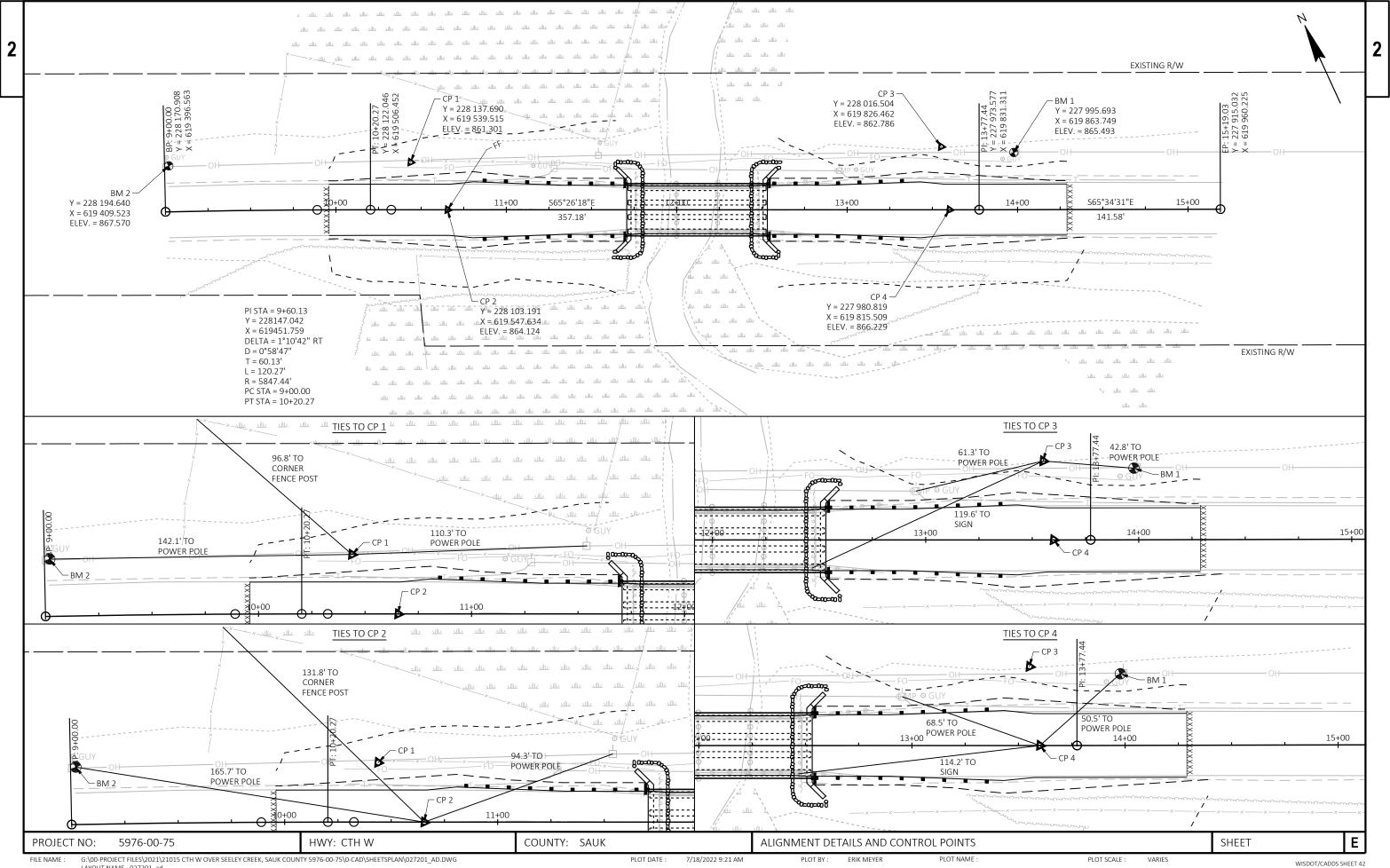
WISDOT/CADDS SHEET 42



G:\00-PROJECT FILES\2021\21015 CTH W OVER SEELEY CREEK, SAUK COUNTY 5976-00-75\0-CAD\SHEETSPLAN\023201_PS.DWG LAYOUT NAME - 023201_ps FILE NAME :

PLOT NAME :

WISDOT/CADDS SHEET 42



G:\00-PROJECT FILES\2021\21015 CTH W OVER SEELEY CREEK, SAUK COUNTY 5976-00-75\0-CAD\SHEETSPLAN\027201_AD.DWG LAYOUT NAME - 027201_ad

PLOT DATE : 7/18/2022 9:21 AM

**Estimate Of Quantities** 

					5976-00-75
Line	Item	Item Description	Unit	Total	Qty
0002	201.0205	Grubbing	STA	5.000	5.000
0004	203.0260	Removing Structure Over Waterway Minimal Debris (structure) 01. B-56-0789	EACH	1.000	1.000
0006	204.0165	Removing Guardrail	LF	128.000	128.000
8000	204.0170	Removing Fence	LF	323.000	323.000
0010	205.0100	Excavation Common	CY	403.000	403.000
0012	206.1001	Excavation for Structures Bridges (structure) 01.B-56-0242	EACH	1.000	1.000
0014	208.0100	Borrow	CY	677.000	677.000
0016	210.1500	Backfill Structure Type A	TON	560.000	560.000
0018	213.0100	Finishing Roadway (project) 01. 5976-00-75	EACH	1.000	1.000
0020	305.0110	Base Aggregate Dense 3/4-Inch	TON	89.000	89.000
0022	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	1,190.000	1,190.000
0024	455.0605	Tack Coat	GAL	82.000	82.000
0026	465.0105	Asphaltic Surface	TON	297.000	297.000
0028	502.0100	Concrete Masonry Bridges	CY	163.000	163.000
0030	502.3200	Protective Surface Treatment	SY	354.000	354.000
0032	503.0137	Prestressed Girder Type I 36W-Inch	LF	324.000	324.000
0034	505.0400	Bar Steel Reinforcement HS Structures	LB	4,750.000	4,750.000
0036	505.0600	Bar Steel Reinforcement HS Coated Structures	LB	19,610.000	19,610.000
0038	506.2605	Bearing Pads Elastomeric Non-Laminated	EACH	8.000	8.000
0040	506.4000	Steel Diaphragms (structure) 01. B-56-0242	EACH	3.000	3.000
0042	513.4061	Railing Tubular Type M	LF	170.000	170.000
0044	516.0500	Rubberized Membrane Waterproofing	SY	14.000	14.000
0046	550.1100	Piling Steel HP 10-Inch X 42 Lb	LF	1,280.000	1,280.000
0048	606.0300	Riprap Heavy	CY	82.000	82.000
0050	612.0406	Pipe Underdrain Wrapped 6-Inch	LF	170.000	170.000
0052	614.2500	MGS Thrie Beam Transition	LF	157.600	157.600
0054	614.2610	MGS Guardrail Terminal EAT	EACH	4.000	4.000
0056	618.0100	Maintenance And Repair of Haul Roads (project) 01. 5976-00-75	EACH	1.000	1.000
0058	619.1000	Mobilization	EACH	1.000	1.000
0060	624.0100	Water	MGAL	12.900	12.900
0062	625.0500	Salvaged Topsoil	SY	1,390.000	1,390.000
0064	627.0200	Mulching	SY	1,260.000	1,260.000
0066	628.1504	Silt Fence	LF	1,150.000	1,150.000
0068	628.1520	Silt Fence Maintenance	LF	1,900.000	1,900.000
0000	628.1905	Mobilizations Erosion Control	EACH	3.000	3.000
0072	628.1910	Mobilizations Emergency Erosion Control	EACH	2.000	2.000
0072	628.2008	Erosion Mat Urban Class I Type B	SY	1,180.000	1,180.000
0076	628.6005	Turbidity Barriers	SY	233.000	233.000
0078	629.0210	Fertilizer Type B	CWT	1.500	1.500
0080	630.0130	Seeding Mixture No. 30	LB	50.000	50.000
0082	630.0200	Seeding Temporary	LB	65.000	65.000
0082	630.0200	Seed Water	MGAL	40.000	40.000
0086	634.0612	Posts Wood 4x6-Inch X 12-FT	EACH	40.000	40.000
	637.2230		SF	12.000	12.000
0088		Signs Type II Reflective F			
0090	638.2602	Removing Signs Type II	EACH	4.000	4.000
0092	638.3000	Removing Small Sign Supports	EACH	4.000	4.000
0094	642.5001	Field Office Type B	EACH	1.000	1.000
0096	643.0420	Traffic Control Barricades Type III	DAY	2,024.000	2,024.000
0098	643.0705	Traffic Control Warning Lights Type A	DAY	4,048.000	4,048.000

# 10/24/2022 10:42:42 Page 1 3

			I	Estimate Of C	uantities
					5976-00-75
Line	Item	Item Description	Unit	Total	Qty
0100	643.0900	Traffic Control Signs	DAY	1,584.000	1,584.000
0102	643.5000	Traffic Control	EACH	1.000	1.000
0104	645.0111	Geotextile Type DF Schedule A	SY	68.000	68.000
0106	645.0120	Geotextile Type HR	SY	166.000	166.000
0108	646.1005	Marking Line Paint 4-Inch	LF	1,412.000	1,412.000
0110	650.4500	Construction Staking Subgrade	LF	351.000	351.000
0112	650.5000	Construction Staking Base	LF	351.000	351.000
0114	650.6501	Construction Staking Structure Layout (structure) 01. B-56-0242	EACH	1.000	1.000
0116	650.9911	Construction Staking Supplemental Control (project) 01. 5976-00-75	EACH	1.000	1.000
0118	650.9920	Construction Staking Slope Stakes	LF	351.000	351.000
0120	690.0150	Sawing Asphalt	LF	60.000	60.000
0122	715.0502	Incentive Strength Concrete Structures	DOL	978.000	978.000
0124	999.2000.S	Installing and Maintaining Bird Deterrent System (station) 01. 12+12	EACH	1.000	1.000
0126	ASP.1T0A	On-the-Job Training Apprentice at \$5.00/HR	HRS	300.000	300.000
0128	ASP.1T0G	On-the-Job Training Graduate at \$5.00/HR	HRS	250.000	250.000

# 10/24/2022 10:42:42

Page 2

	NOTE: ALL ITEMS CATEGORY 0010 UNLESS OTHERWISE NOTED.			EARTHWORK S	UMMARY
_	GRUBBING 201.0205 STATION - STATION LOCATION (STA)	REMOVING GUARDRAIL 204.0165	STATION - STATION LOCATIO		AVAILABLE UNEXPANDED MATERIAL (4) FILL (5) FACTOR (6) EXPANDED FILL MASS ORDINATE +/- (6)
	10+00 - 14+50 RT 5	REMOVING	9+96 - 11+71 SOUTH APPF		86 428 535 -449 449
3	TOTALS 5	GUARDRAIL	12+53 - 14+29 NORTH APP		111 271 339 -228 228
	REMOVING FENCE       STATION     -     STATION     LOCATION     (LF)       10+47     -     11+69     RIGHT     145       12+70     -     14+48     RIGHT     178       TOTAL     323	LOCATION(LF)NW QUADRANT31.0SW QUADRANT31.0NE QUADRANT33.0SE QUADRANT33.0TOTALS128.0	1) COMMON EXCAVATION IS THE CUT. I 2) SALVAGED/UNUSABLE MATERIAL IS I 3) SALVAGED/UNUSABLE MATERIAL ING 4) AVAILABLE MATERIAL = CUT - SALVAG 5) EXPANDED FILL FACTOR = 1.25: EXP/ 6) THE MASS ORDINATE + OR - CALCULA MATERIAL IN THE DIVISION. 7) BORROW = ABSOLUTE VALUE OF MAS	ITEM # 205.0100. INCLUDED IN CUT. CLUDES ASPHATLIC PAVEMENT. GED/UNUSABLE MATERIAL ANDED FILL = (UNEXPANDED FILL)*1.25 ATED FOR THE DIVISION. PLUS QUANTITY INDICATES AN	197 699 874 -677 677
	BASE AGGREGATE DEM 305.01	110 305.0120	ASPHAL	<u>TIC ITEMS</u> 455.0600 465.0105 TACK ASPHALTIC	MGS GUARDRAIL 614.2610 614.2500 MGS MGS GUARDRAIL THRIE BEAM TERMINAL
	3/4-IN BASI	E BASE WATER		COAT SURFACE	TRANSIITION EAT
	STATION - STATION LOCATION (TON		STATION - STATION LO	OCATION (GAL) (TON)	LOCATION (LF) (EACH)
	9+96 - 11+71 MAINLINE 44 12+53 - 14+29 MAINLINE 45			AINLINE 41 148 AINLINE 41 149	NW QUADRANT 39.40 1 SW QUADRANT 39.40 1
	TOTALS 89	1190 12.9		TOTALS 82 297	NE QUADRANT 39.40 1
			,	01AL3 62 297	SEQUADRANT     39.40     1       TOTALS     157.60     4
	<u>SILT FENCE</u> 628.1504 628.1520	0	5 EROSION CONTROL 628.1910	EROSION MAT URBAN CLASS I TYPE B	TURBIDITY BARRIER
	SILT SILT FENC	628	8.1905 MOBILIZATIONS	628.2008	628.6005
	FENCE MAINTENAM STATION - STATION LOCATION (LF) (LF)	MOBIL	IZATIONS EMERGENCY	LOCATION (SY)	LOCATION (SY)
	9+92 - 11+86 EASTAPPROACH 475 950		N CONTROL EROSION CONTROL ACH) (EACH)	NW QUADRANT 308 SW QUADRANT 299	WEST APPROACH 147
	12+30 - 14+33 WEST APPROACH 475 950			NE QUADRANT 20	EASTAPPROACH 86
	UNDISTRIBUTED 200		3 2	SE QUADRANT 317	TOTALS 233
	TOTALS 1150 1900	TOTALS	3 2	UNDISTRIBUTED 236	

COUNTY: SAUK HWY: CTH W MISCELLANEOUS QUANTITIES

FILE NAME : G:\00-PROJECT FILES\2021\21015 CTH W OVER SEELEY CREEK, SAUK COUNTY 5976-00-75\0-CAD\SHEETSPLAN\030201_MQ.DWG LAYOUT NAME - 030201_mq

PROJECT NO: 5976-00-75

PLOT DATE : 7/26/2022 8:49 AM

PLOT BY : ERIK MEYER

TOTALS

PLOT NAME :

1180

3

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S	IG	N	IN
-			

NOTE: ALL ITEMS CATEGORY 0010 UNLESS OTHERWISE NOTED.

3

STATION	LOCATION	SIGN NUMBER	SIGN CODE	POSTS WOOD 4X6-INCH X 12-FT (EACH)	SIGNS TYPE II REFLECTIVE TYPE F (SF)	REMOVING SIGN TYPE II (EACH)	REMOVING SMALL SIGN SUPPORTS (EACH)	NOTES
11+71	LT	1	W5-52L	1	3		_	BRIDGE HASH MA
11+71	RT	2	W5-52R	1	3			BRIDGE HASH MA
11+77	LT	1R	W5-52L			1	1	BRIDGE HASH MA
11+77	RT	2R	W5-52R			1	1	BRIDGE HASH MA
12+47	RT	3R	W5-52R			1	1	BRIDGE HASH MA
12+47	LT	4 R	W5-52L			1	1	BRIDGE HASH MA
12+53	RT	3	W5-52R	1	3		—	BRIDGEHASH MA
12+53	LT	4	W5-52L	1	3		-	BRIDGE HASH MA
			TOTAL	4	12	4	4	

#### FINISHING ITEMS

STATION	-	STATION	LOCATION	625.0500 SALVAGED TOPSOIL (SY)	627.0200 MULCHING (SY)	629.0210 FERTILIZER TYPE B (CWT)	630.0130 SEEDING MIX NO. 30 (LB)	630.0200 SEEDING TEMPORARY (LB)	630.0500 SEED WATER (MGAL)
9+96	-	11+71	MAINLINE, LT	340	239	0.34	10	15	9.2
10+56	-	12+58	MAINLINE, RT	330	241	0.34	10	15	9.1
13+51		15+48	MAINLINE, LT	78	261	0.18	5	8	4.7
13+51		15+52	MAINLINE, RT	364	270	0.37	11	16	9.9
			UNDISTRIBUTED	278	249	0.27	14	11	7.1
			TOTALS	1390	1260	1.50	50	65	40.0

		64	3.0420	64	3.0705			
		TRAFFI	C CONTROL	TRAFFI	CONTROL	64	3.0900	643.5000
		BAR	RICADES	WARN	ING LIGHTS	TRAFFI	CCONTROL	TRAFFIC
		Т	YPE III	т	YPEA	S	IGNS	CONTROL
LOCATION	DURATION	(NO.)	(DAY)	(NO.)	(DAY)	(NO.)	(DAY)	(EACH)
WESTAPPROACH	88	9	792	18	1584	7	616	_
EASTAPPROACH	88	9	792	18	1584	7	616	
UNDISTRIBUTED	88	5	440	10	880	4	352	
PROJECT								1
	TOTAL	23	2024	46	4048	18	1584	1

TRAFFIC CONTROL

PLACE TRAFFIC CONTROL IN ACCORDANCE WITH SDD 15C02 "BARRICADES AND SIGNS FOR MAINLINE, DETOUR, ON RAMP, OFF RAMP AND ADVANCED WIDTH RESTRICTIONS".

PLACEMENT SUBJECT TO ENGINEER APPROVAL.

SUBGRADE   BASE   01. B-56-0242   CONTROL   STAKES     STATION   STATION   LOCATION   (LF)   (EACH)   (LF)     9+96   -   11+71   MAINLINE   175     175     12+53   -   14+29   MAINLINE   176    176					CONST	RUCTIO	N STAKING							
STATION - STATION LOCATION (LF) (LF) CONTROL STAKES   9+96 - 11+71 MAINLINE 175 175   175   12+53 - 14+29 MAINLINE 176 176  176   PROJECT   1 1    TOTALS 351 351 1* 1 351							650.6501	650.9911	650.9920			SAV	VING ASPHA	
9+96   11+71   MAINLINE   175   175     175   14+29   MAINLINE   30     12+53   -   14+29   MAINLINE   176     176     12+53   -   14+29   MAINLINE   176     176     PROJECT   -   -   1   1     176     TOTALS   351   351   1*   1   351   351   351					SUBGRADE	BASE	01. B-56-0242	CONTROL	STAKES			STATION	LOCATION	690.01 (LF)
PROJECT      1     1      10TAL     60       TOTALS     351     351     1     351     351     1     351     351     351     351     351     351     351     351     351     351     351     351     351     351     351     351     351     351     351     351     351     351     351     351     351     351     351     351     351     351     351     351     351     351     351     351     351     351     351     351     351     351     351     351     351     351     351     351     351     351     351     351     351     351     351     351     351     351     351     351     351     351     351     351     351     351     351     351     351     351     351     351     351     351     351     351     351     351     351     351     351     351						and a second second								30 30
	12+53	- 14-	+29				1	1					TOTAL	60
	★ CATEGO	RY 0020	-	TOTALS	351	351	1 <b>*</b>	1	351					

G:\00-PROJECT FILES\2021\21015 CTH W OVER SEELEY CREEK, SAUK COUNTY 5976-00-75\0-CAD\SHEETSPLAN\030201_MQ.DWG LAYOUT NAME - 030202_mq FILE NAME :

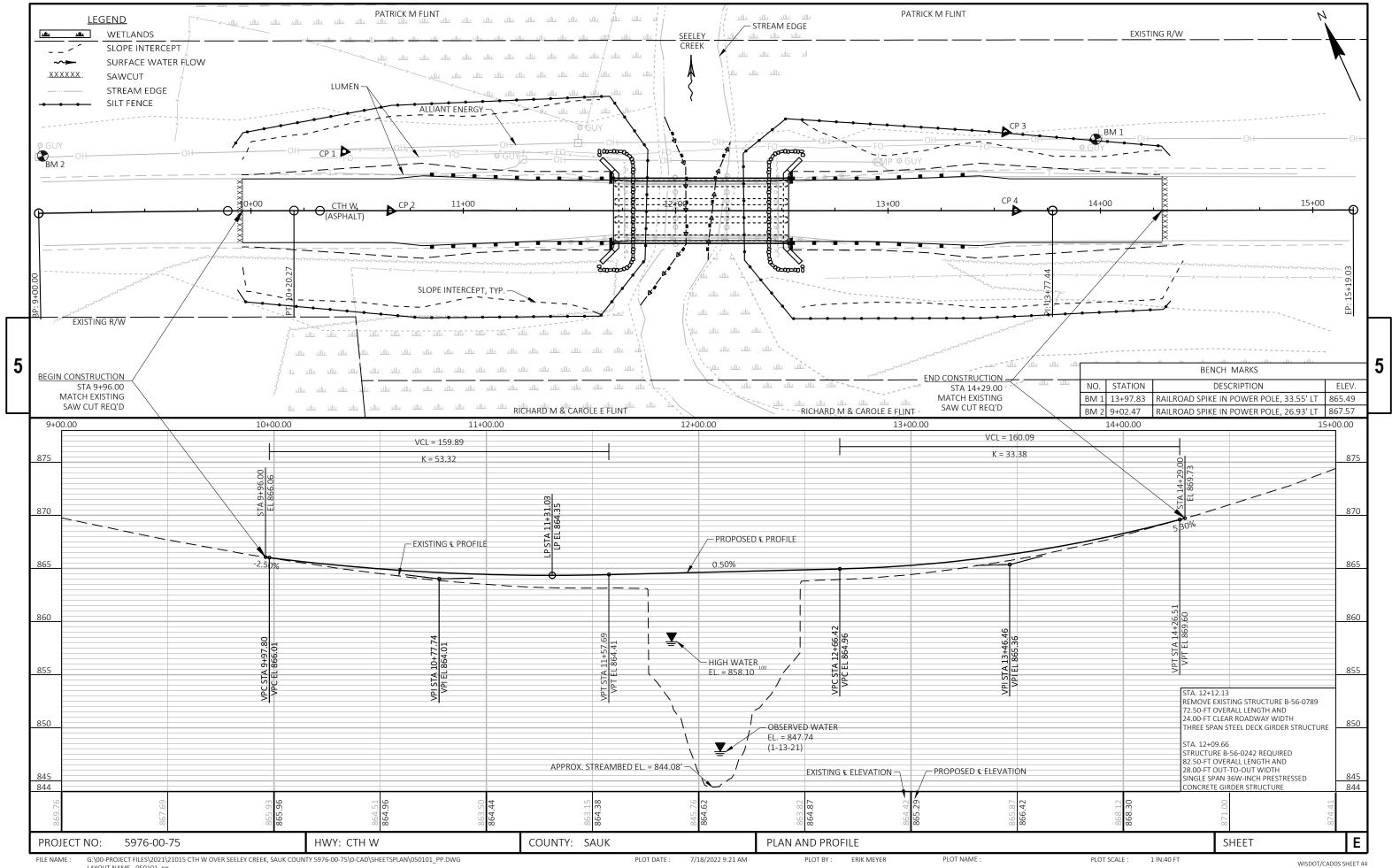
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### MARKING LINE PAINT 4-INCH

STATION	-	STATION	LOCATION	646.1005 (LF)	NOTES
9+96	-	14+29	CENTERLINE	433	WB - SOLID YELLOW
9+96	-	14+29	CENTERLINE	113	EB - DASHED YELLOW
9+96	-	14+29	EDGELINE, LT	433	SOLID WHITE
9+96	-	14+29	EDGELINE, RT	433	SOLID WHITE
		-	TOTAL	1412	

SHEET

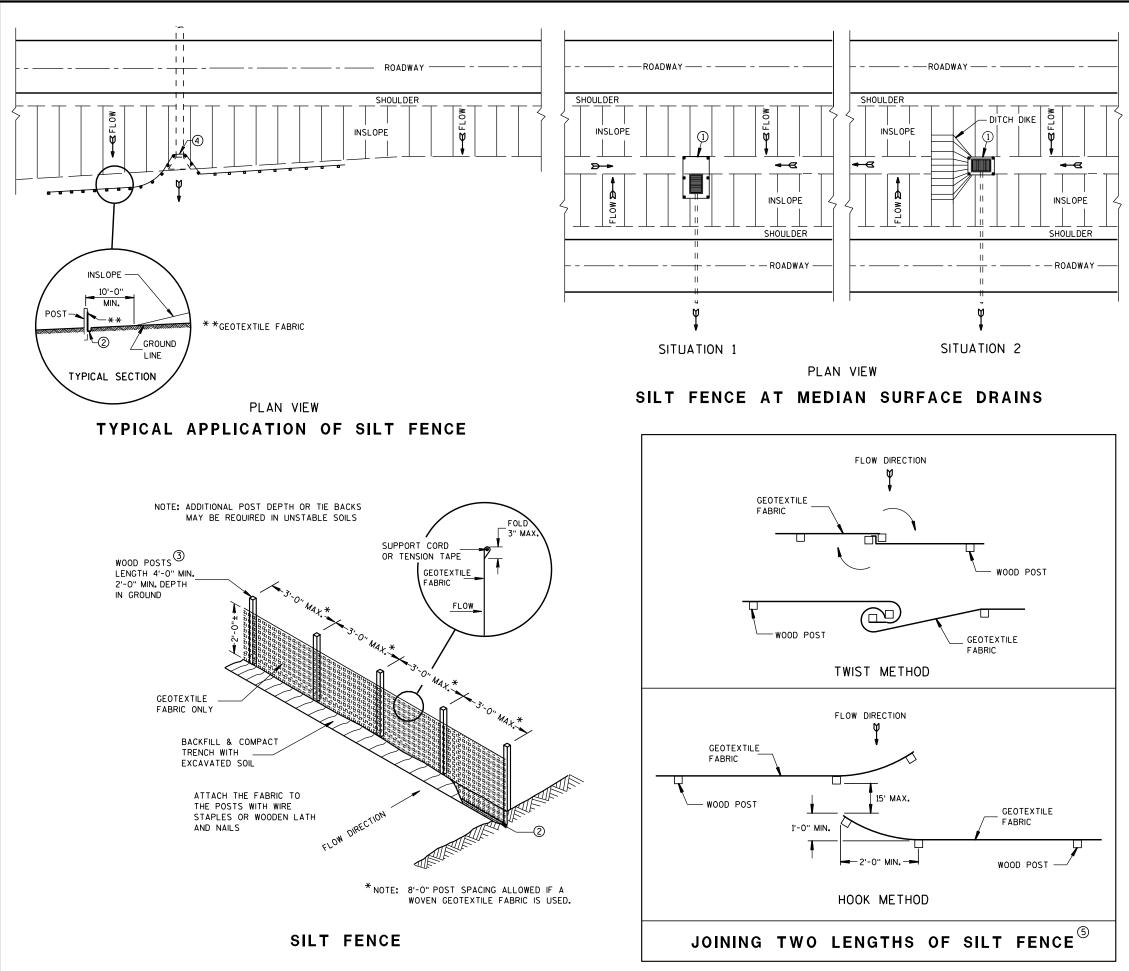
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LAYOUT NAME - 050101_pp

# Standard Detail Drawing List

08E09-06 08E11-02	SILT FENCE TURBIDITY BARRIER
12A03-10	NAME PLATE (STRUCTURES)
14B42-07A	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B42-07B	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B42-07C	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B42-07D	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B44-04A	MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)
14B44-04B	MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)
14B44-04C	MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)
14B45-05A	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05B	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05C	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05H	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
15C02-08A	BARRICADES AND SIGNS FOR MAINLINE CLOSURES
15C02-08B	BARRICADES AND SIGNS FOR VARIOUS CLOSURES
15C06-10	SIGNING & MARKING FOR TWO LANE BRIDGES
15C08-21A	LONGI TUDI NAL MARKI NG (MAI NLI NE)
15C11-09B	CHANNELIZING DEVICES DRUMS, CONES, BARRICADES AND VERTICAL PANELS
13011-070	CHANNELTZING DEVICES DROMS, CONES, DARRICADES AND VERTICAE FAMLES



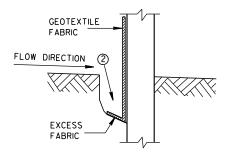
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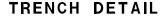
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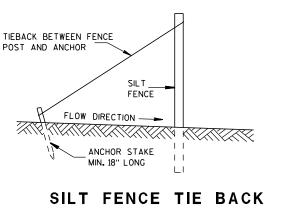
#### **GENERAL NOTES**

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

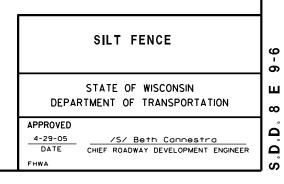
- $\bigcirc$  horizontal brace required with 2" x 4" wooden frame or equivalent at top of posts.
- (2) FOR MANUAL INSTALLATIONS THE TRENCH SHALL BE A MINIMUM OF 4" WIDE & 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL & COMPACT TRENCH WITH EXCAVATED SOIL.
- (3) WOOD POSTS SHALL BE A MINIMUM SIZE OF  $1/_8$ " X  $1/_8$ " 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.

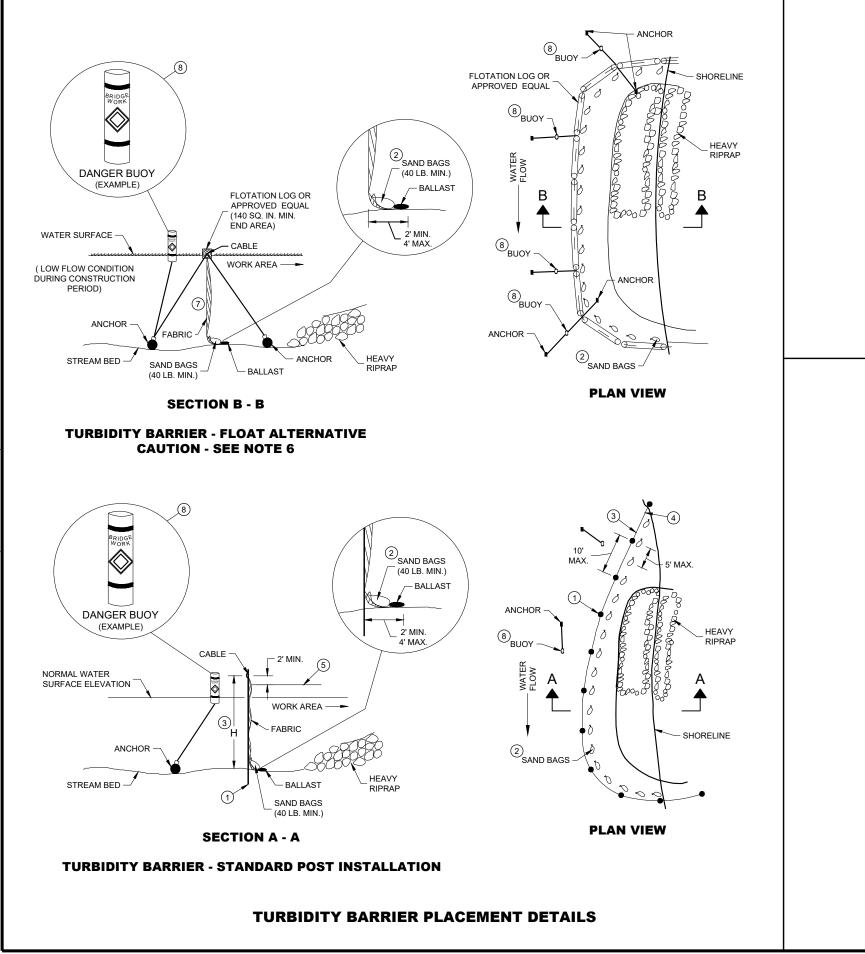




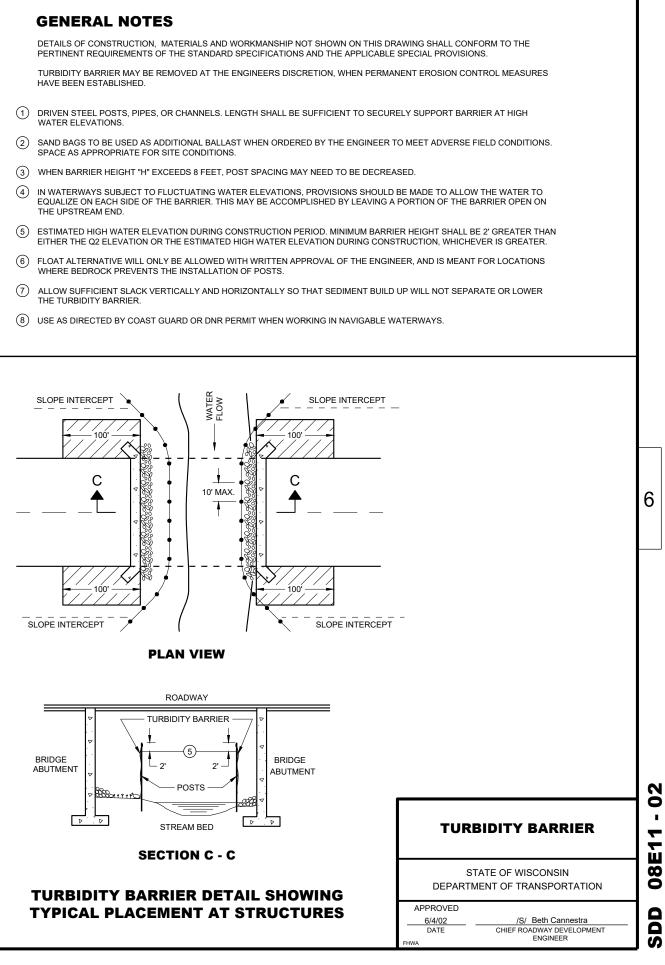


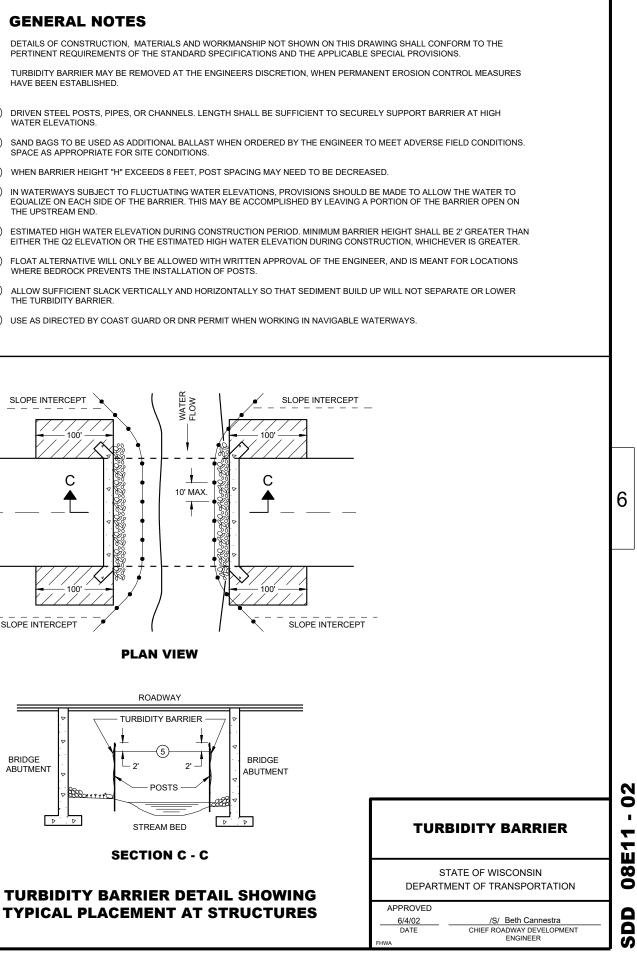
(WHEN REQUIRED BY THE ENGINEER)



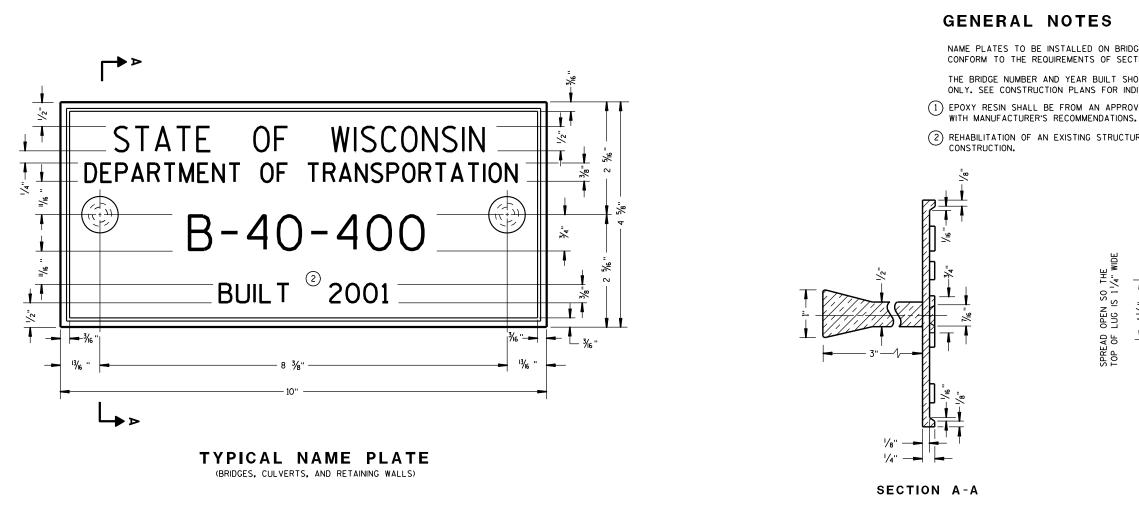


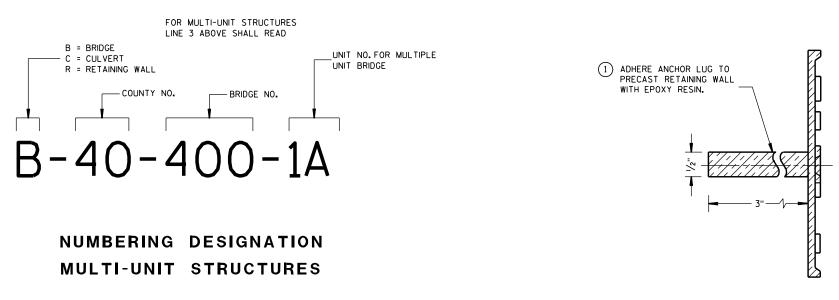
- WATER ELEVATIONS.





SDD 08E -02



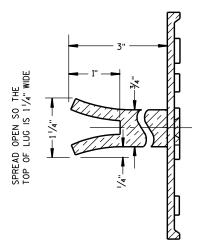


ALTERNATE LUG (FOR ATTACHMENT TO PRECAST STRUCTURES)

NAME PLATES TO BE INSTALLED ON BRIDGES, CULVERTS, AND RETAINING WALLS SHALL CONFORM TO THE REQUIREMENTS OF SECTION 502.3.11 OF THE STANDARD SPECIFICATIONS.

THE BRIDGE NUMBER AND YEAR BUILT SHOWN ON THIS DRAWING ARE EXAMPLES ONLY. SEE CONSTRUCTION PLANS FOR INDIVIDUAL NUMBERING AND YEAR BUILT. (1) EPOXY RESIN SHALL BE FROM AN APPROVED MANUFACTURER AND USED IN ACCORDANCE

(2) REHABILITATION OF AN EXISTING STRUCTURE SHOULD USE THE DATE OF ORIGINAL STRUCTURE



#### ALTERNATE LUG

#### NAME PLATE (STRUCTURES)

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

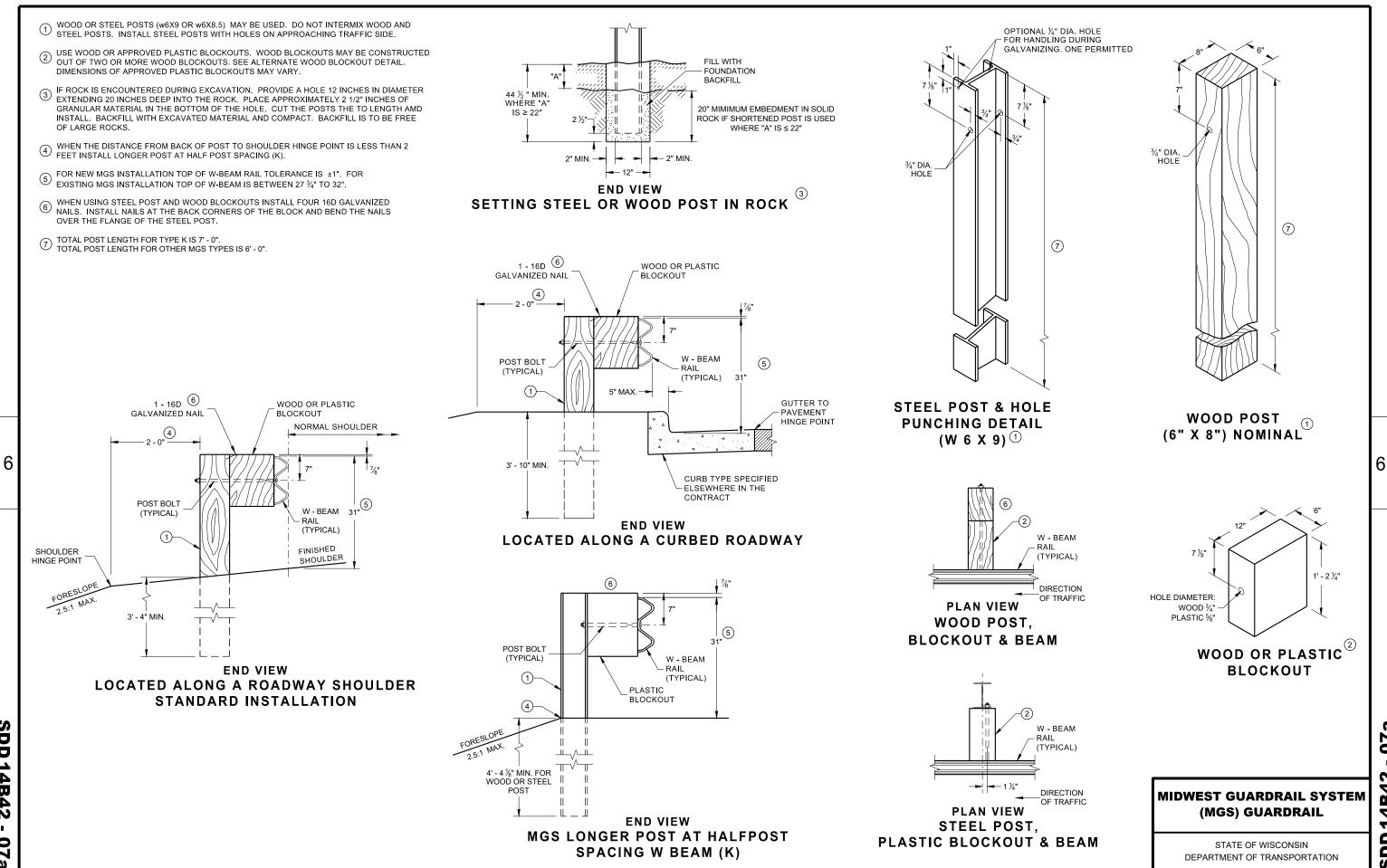
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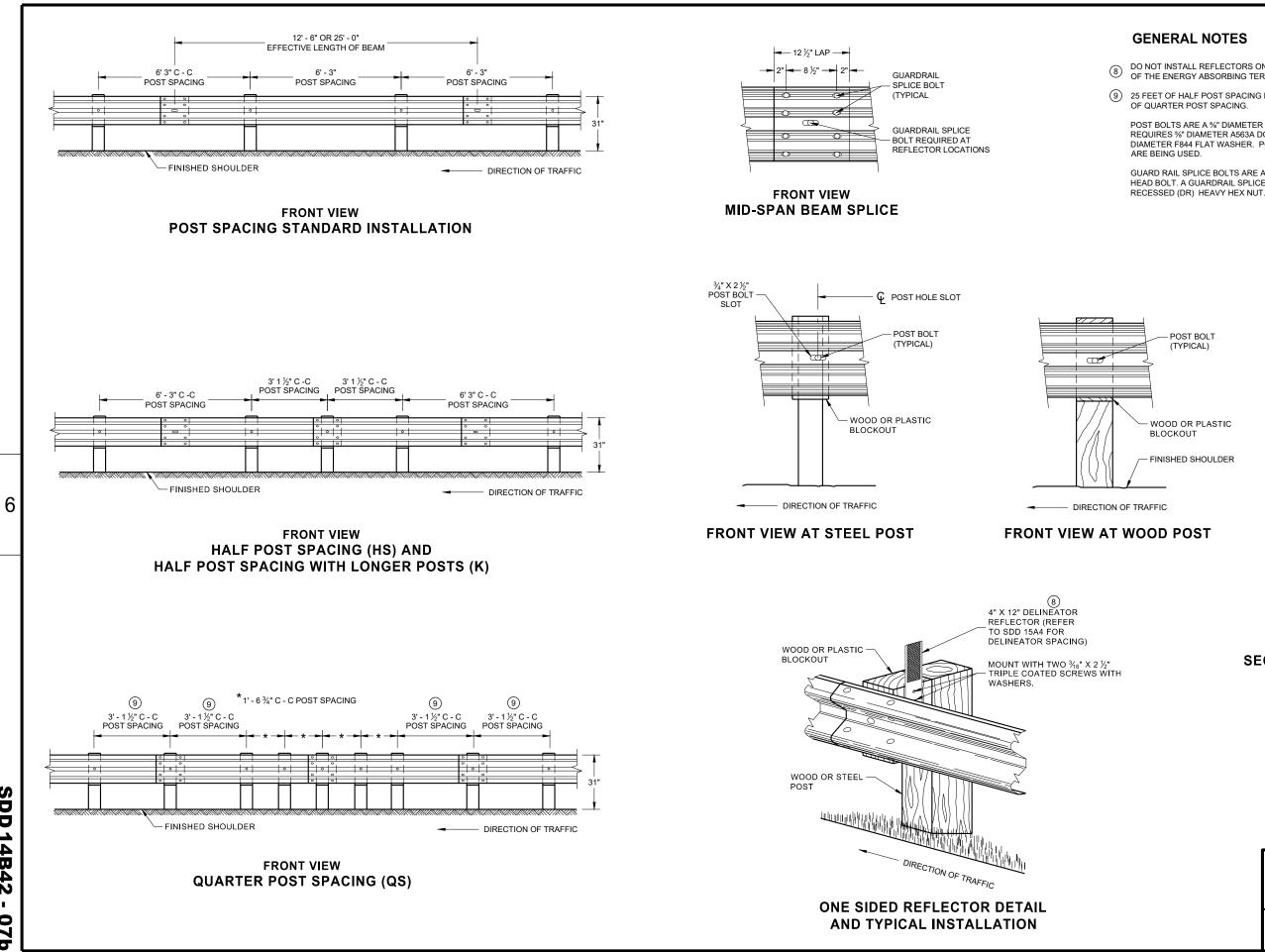
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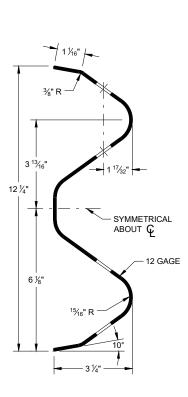
**SDD 14B42** 0 ð

DO NOT INSTALL REFLECTORS ON THE FIRST 50 FEET OF THE APPROACH END OF THE ENERGY ABSORBING TERMINAL.

(9) 25 FEET OF HALF POST SPACING IS REQUIRED ON APPROACH AND DEPARTURE ENDS

POST BOLTS ARE A %" DIAMETER ASTM A307 GUARDRAIL BOLT. A POST BOLT REQUIRES %" DIAMETER A563A DOUBLE RECESSED (DR) HEAVY HEX NUT AND %" DIAMETER F844 FLAT WASHER. POST BOLTS MAY BE LONGER IF MULTIPLE BLOCKOUTS

GUARD RAIL SPLICE BOLTS ARE A 5/8" DIAMETER ASTM A307 GUARDRAIL HEAD BOLT. A GUARDRAIL SPLICE BOLT REQUIRES 5%" DIAMETER A563A DOUBLE



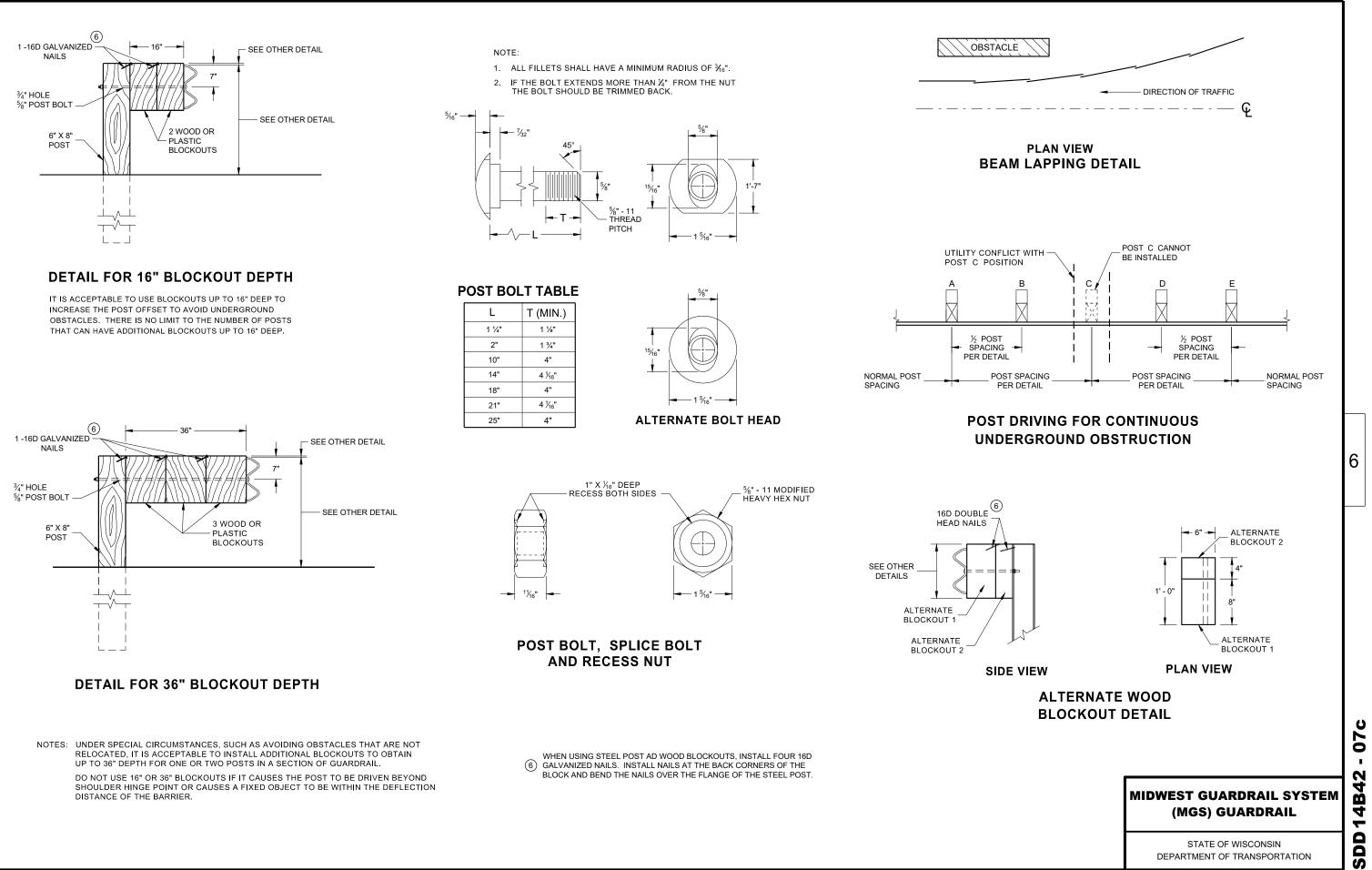
SECTION THRU W-BEAM RAIL

# 07b . N 4 à 4 ~ SDD

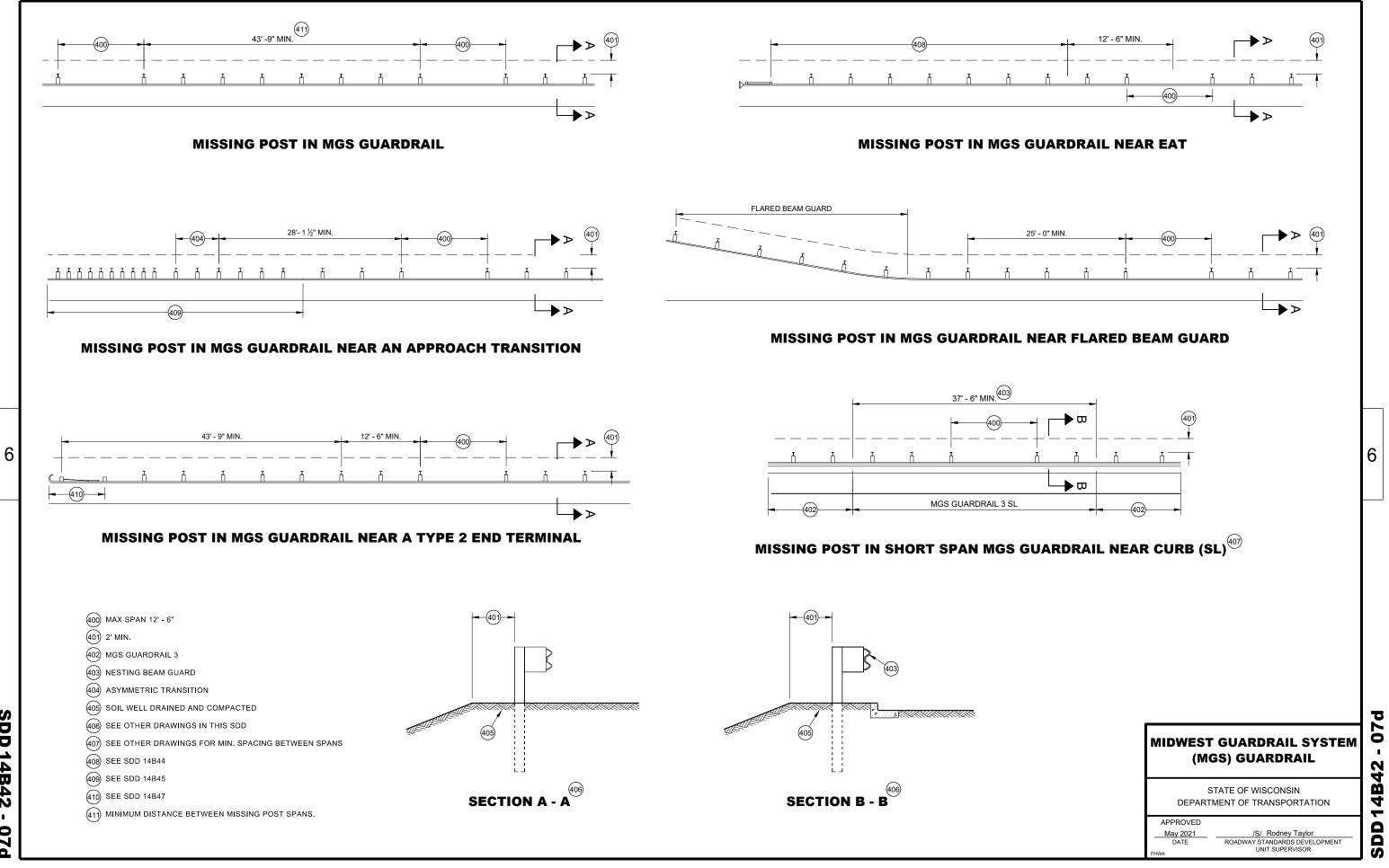
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#### **MIDWEST GUARDRAIL SYSTEM** (MGS) GUARDRAIL

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION



**SDD 14B42** 0 **n** 



**SDD 14B42** 07d

#### **GENERAL NOTES**

- (A) THE SLOPE IN THE AREA BOUNDED BY THE GRADELINE, THE HINGE POINT LINE (HPL) AND THE CLEAR ZONE LIMITS (CZL) SHALL BE 4:1 OR FLATTER.
- (B) AFTER FINAL ASSEMBLY, RECHECK CABLE TO BE SURE IT IS TAUT AND HAS NOT RELAXED
- © DIFFERENT MANUFACTURERS REQUIRE DIFFERENT PERFORATED W - BEAM RAIL END PANELS. SEE MANUFACTURER'S INFORMATION.
- D ATTACH ALUMINUM SHEET TO E.A.T. HEAD USING 4 STAINLESS STEEL SELF - TAPPING SCREWS. ONE SCREW PER CORNER.
- E HARDWARE MAY VARY BETWEEN MANUFACTURER SEE MANUFACTURER'S DRAWING FOR INFORMATION.

DIMENSIONS MAY VARY, MANUFACTURER'S INFORMATION.

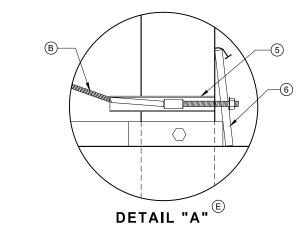
SEE SDD 14B42 FOR MORE INFORMATION.

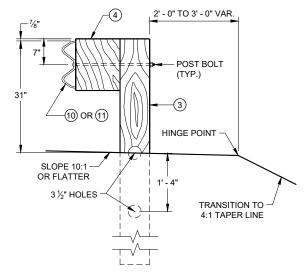
★ DO NOT ATTACH BLOCKOUTS TO POST 1 AND 2.

DO NOT INSTALL REFLECTORS ON THE FIRST 50 FEET OF THE APPROACH END OF THE ENERGY ABSORBING TERMINAL

SEE MANUFACTURER'S DRAWING FOR SPLICE LOCATION, HARDWARE DIMENSIONS AND INSTALLATION INSTRUCTIONS.

THE CENTER OF THE UPPER 3  $\frac{1}{2}$ " DIAMETER HOLE ON POST NUMBER 3 THROUGH POST 9 IS TO BE FLUSH WITH THE GROUND LINE UP TO A MAXIMUM OF 2" ABOVE GROUND LINE. WOOD BLOCKS ON POSTS NUMBERED 3 THROUGH 9 MAY BE ADJUSTED UP TO 3" ABOVE THE TOP OF POST.

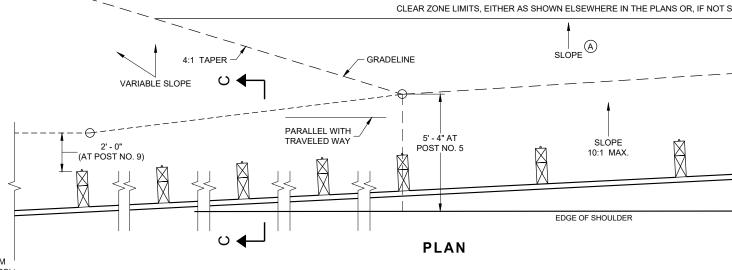


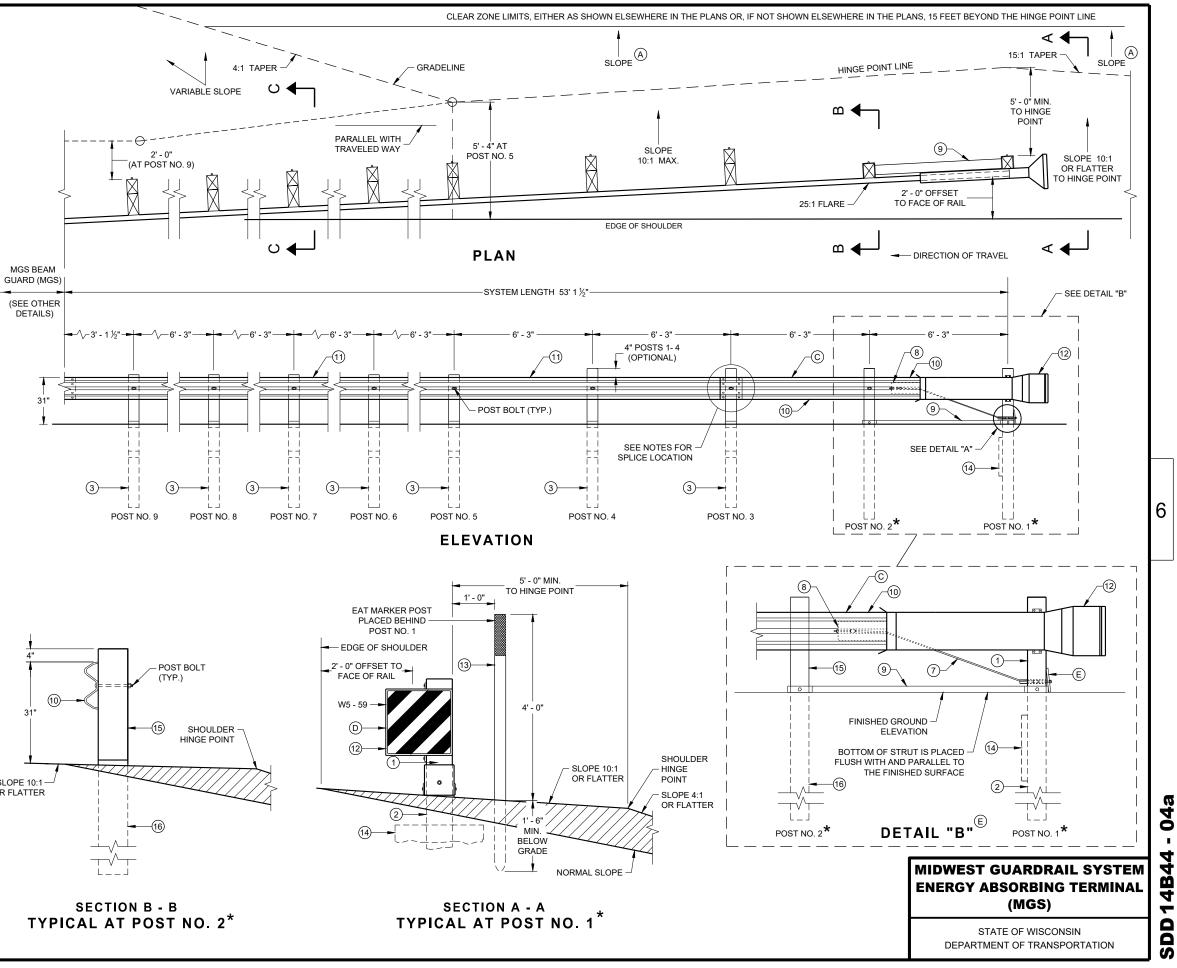


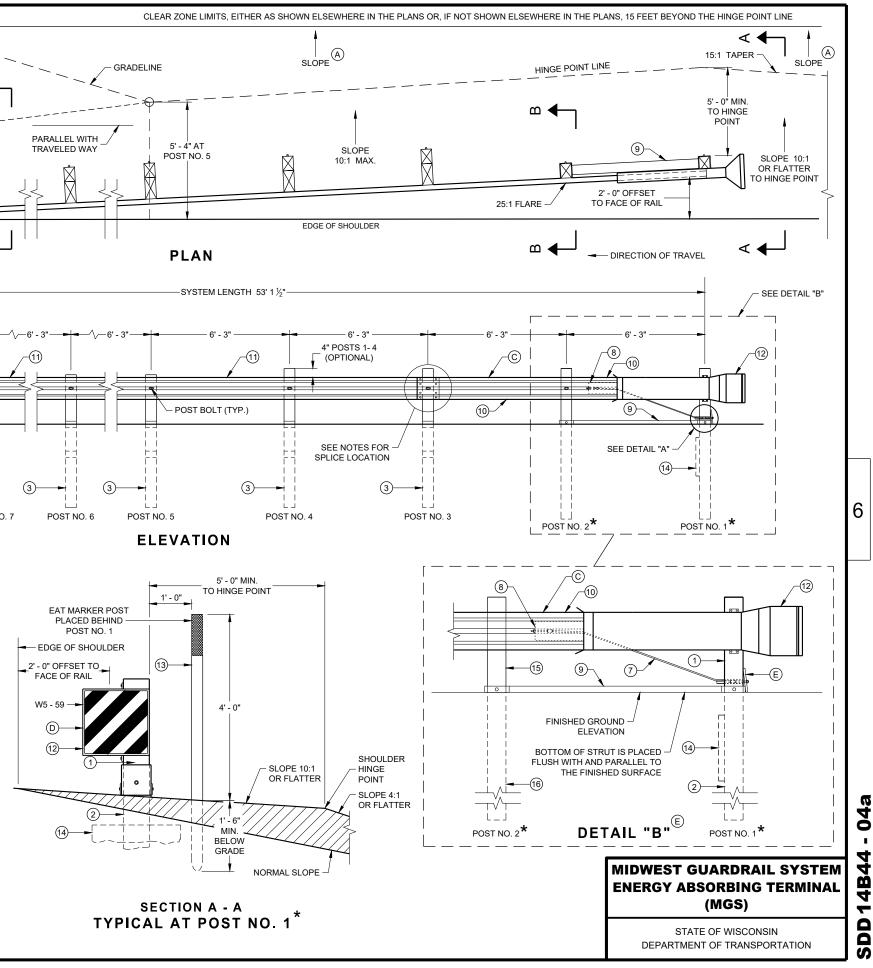
31 -(15) SHOULDER HINGE POINT SLOPE 10:1-OR FLATTER

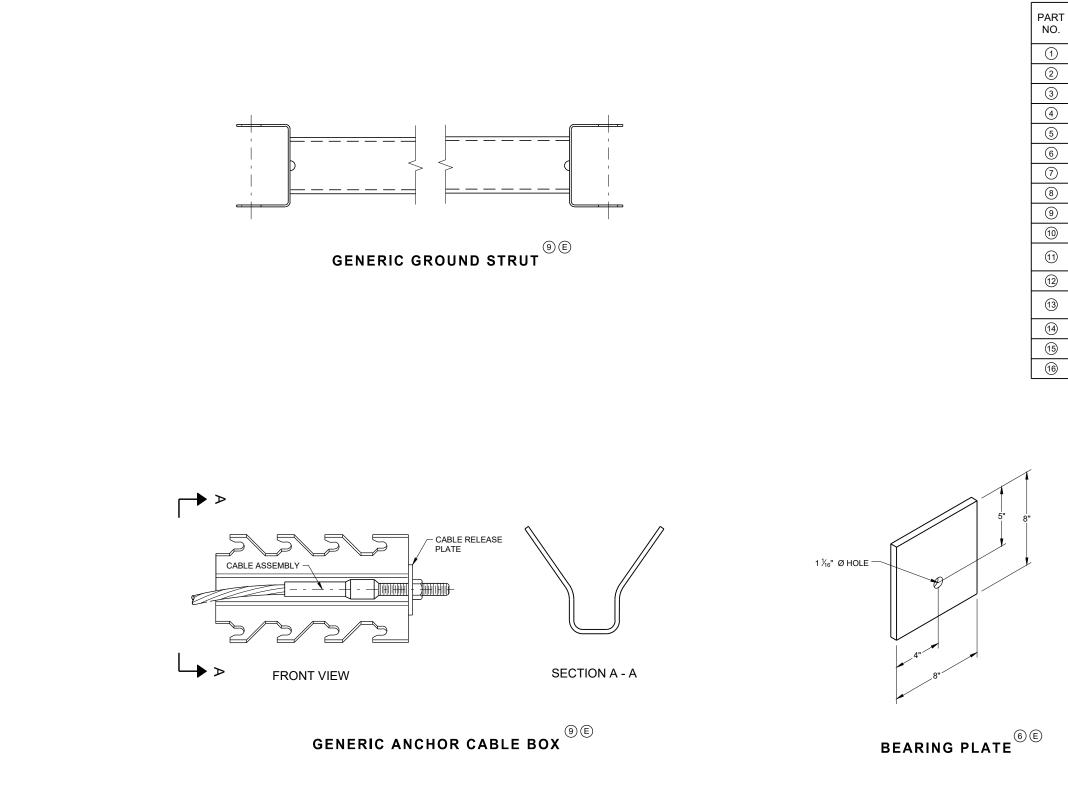
SECTION C - C **TYPICAL AT POST NOS. 3 - 9** 

SECTION B - B TYPICAL AT POST NO. 2*









# BILL OF MATERIALS

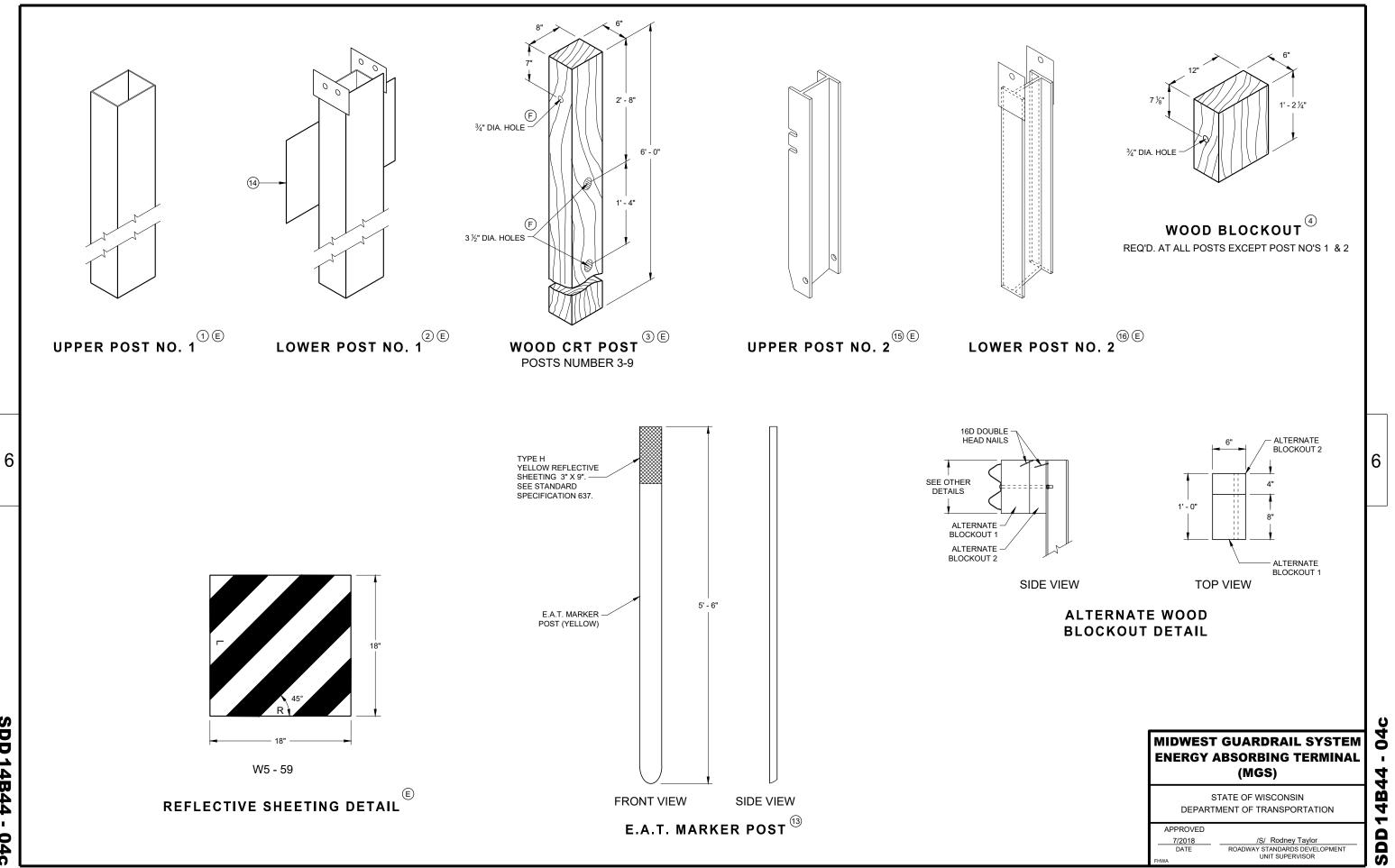
DESCRIPTION MATERIALS PROVIDED BY MGS EAT MANUFACTURER. SEE MANUGACTURER'S DETAILS FOR MORE INFORMATION.
UPPER POST NO. 1 6" X 6" TUBE
LOWER POST NO. 1
WOOD CRT
WOOD BLOCKOUT
PIPE SLEEVE
BEARING PLATE
BCT CABLE ASSEMBLY
ANCHOR CABLE BOX
GROUND STRUT
PERFORATED W-BEAM RAIL END PANEL, 12'-6" LONG.
STANDARD W-BEAM RAIL. MULTIPLE SECTIONS REQUIRED. SECTIONS VARY IN LENGTH.
IMPACT HEAD
EAT MARKER POST - YELLOW (SEE APPROVED PRODUCTS LIST)
SOIL PLATE
UPPER POST NO. 2
LOWER POST NO. 2

6

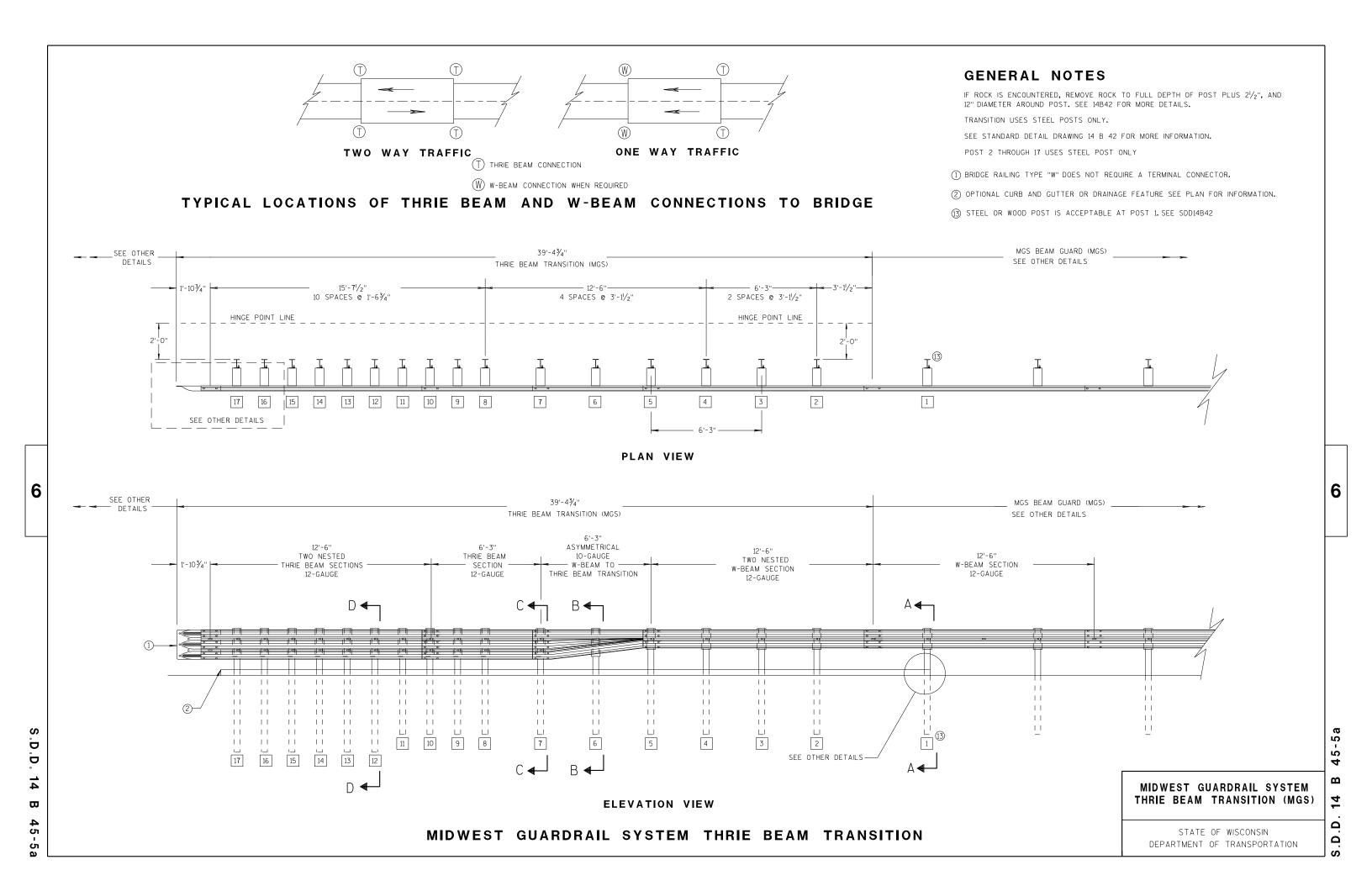
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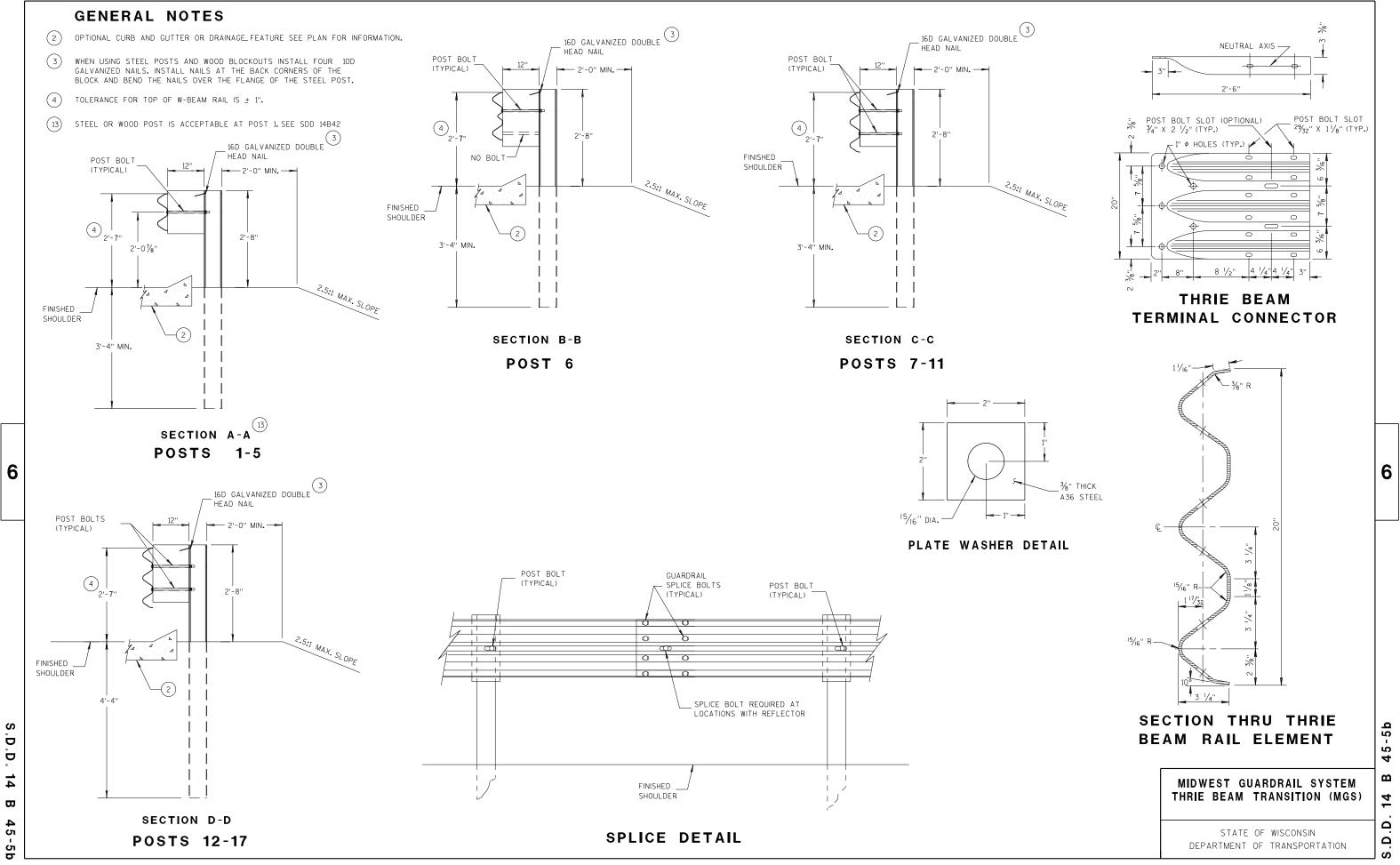
# MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION



SDD 14B44 - 04c



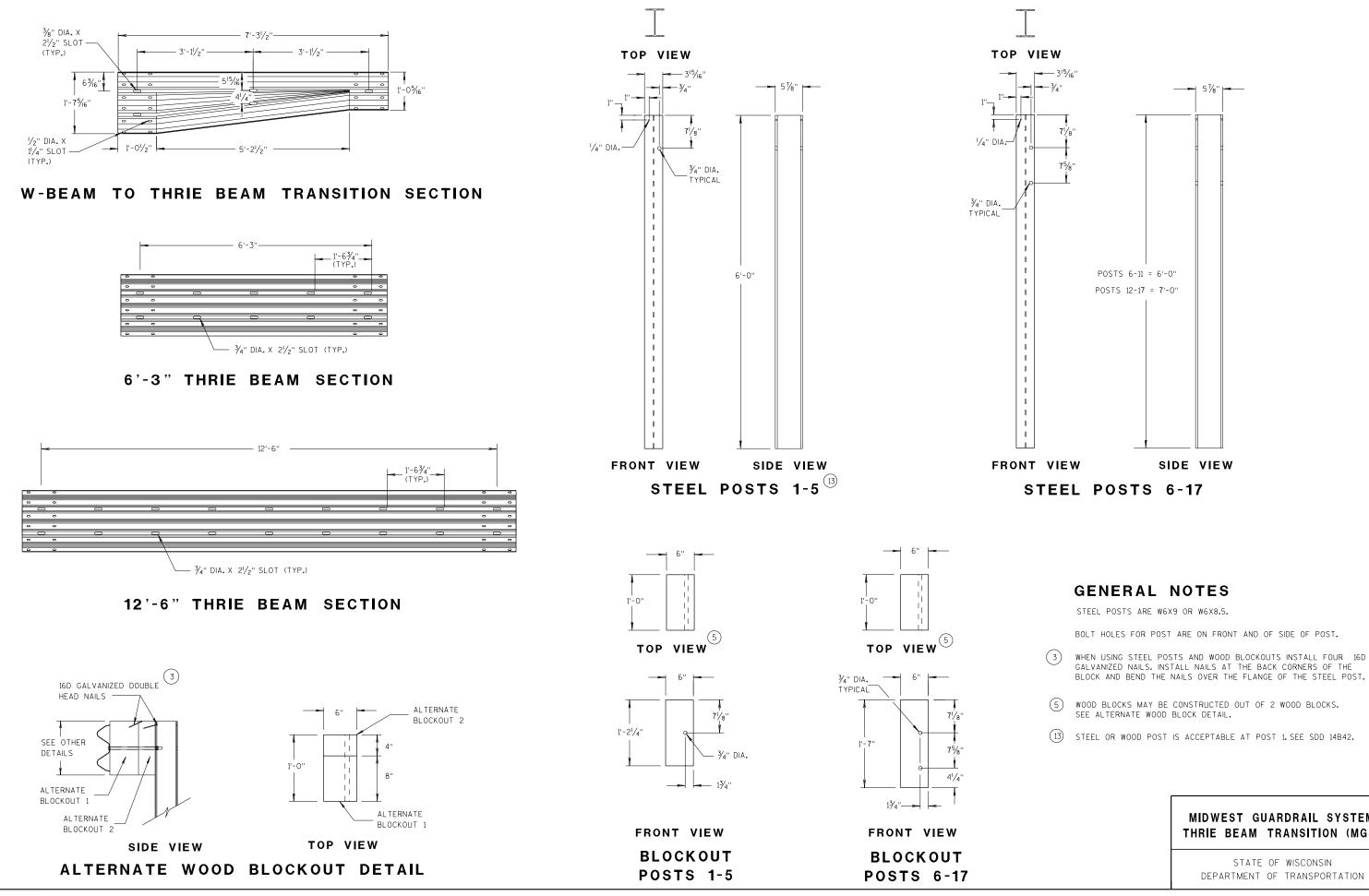


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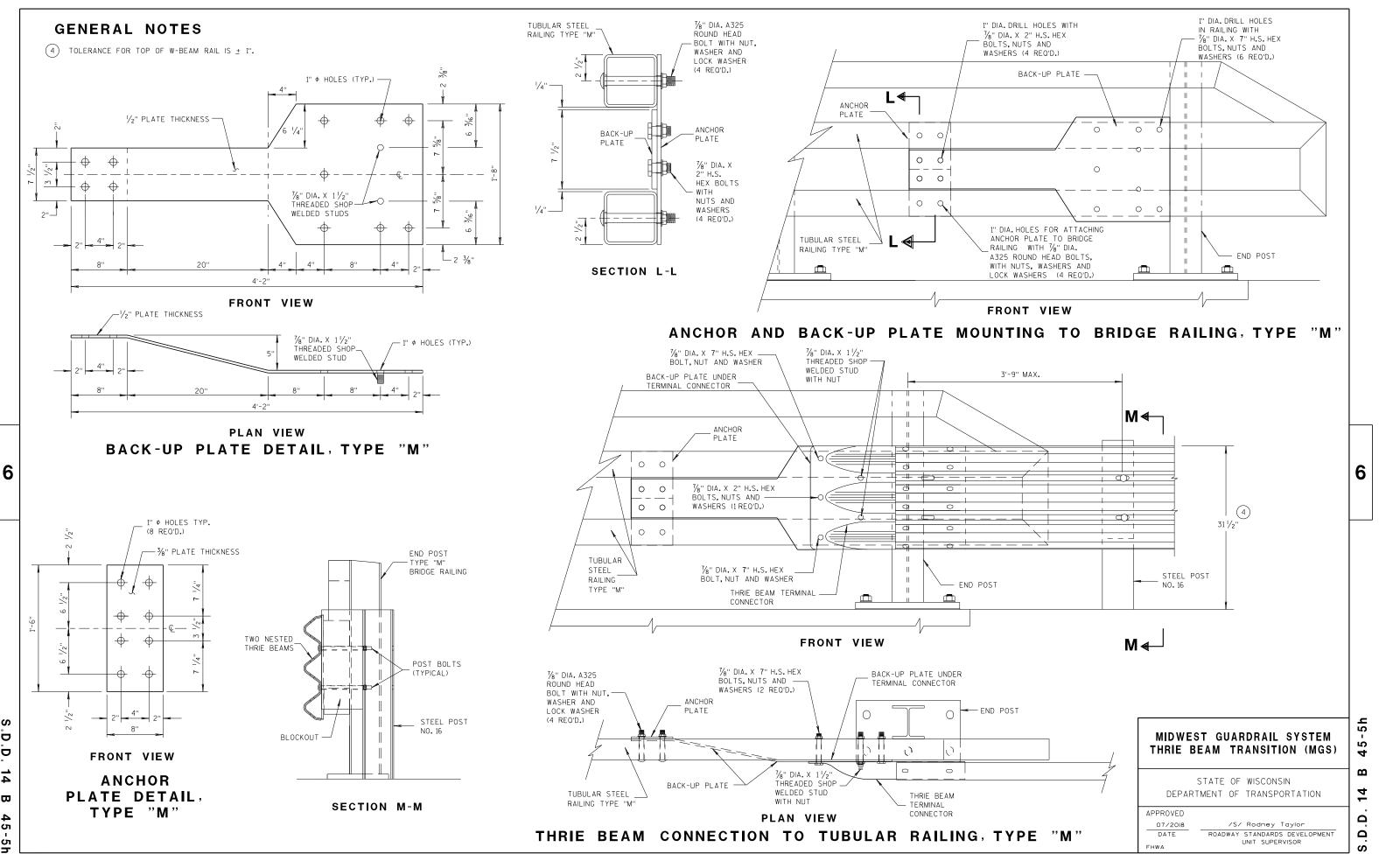
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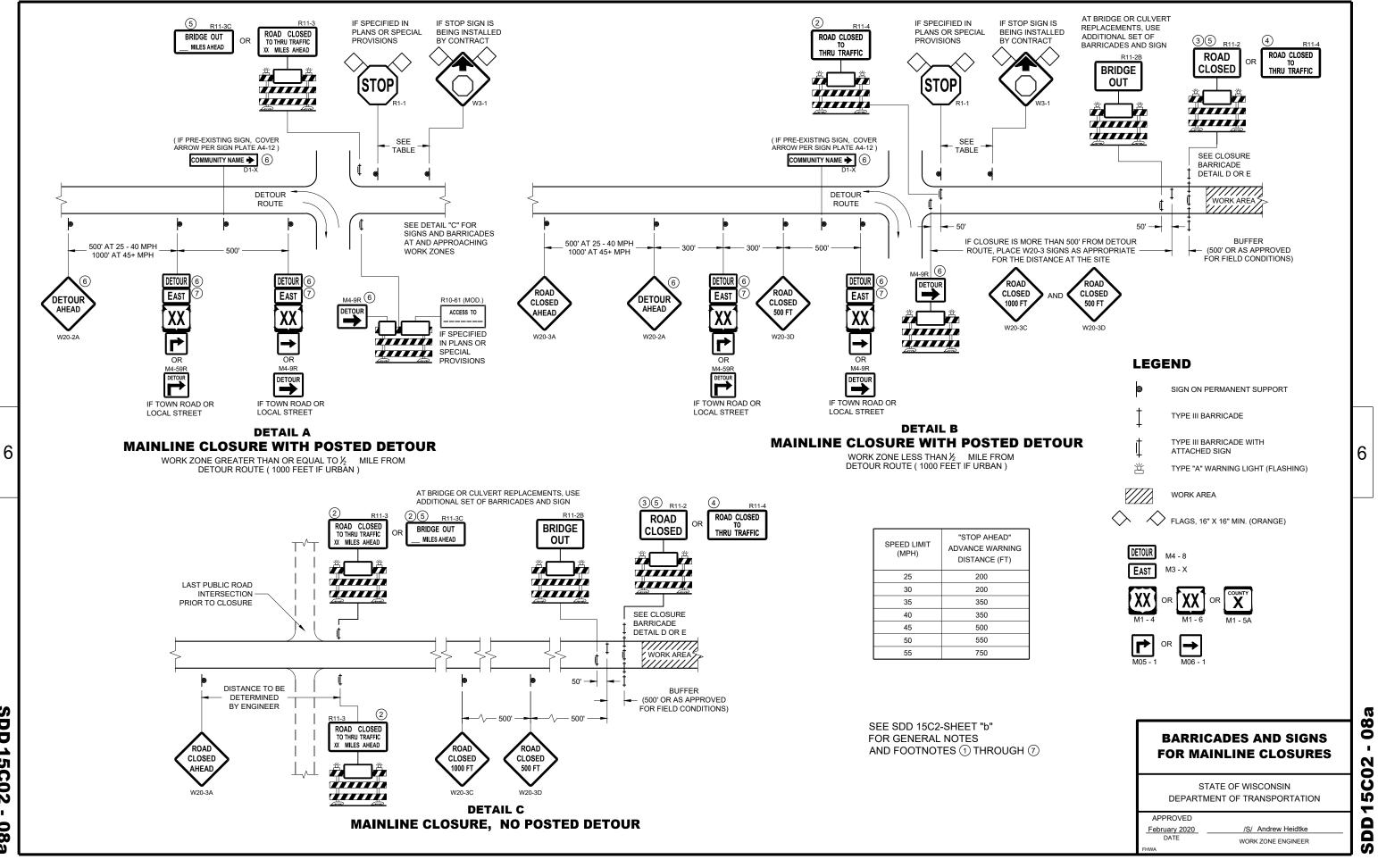
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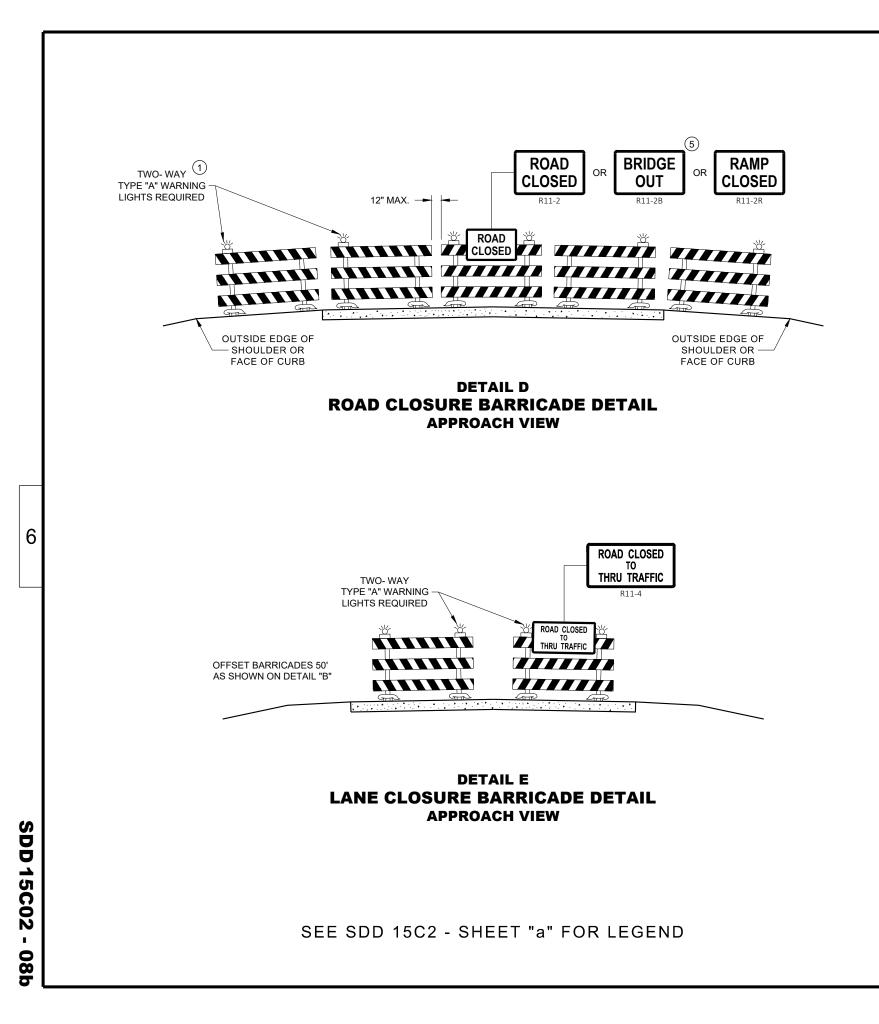
#### MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION



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#### **GENERAL NOTES**

FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

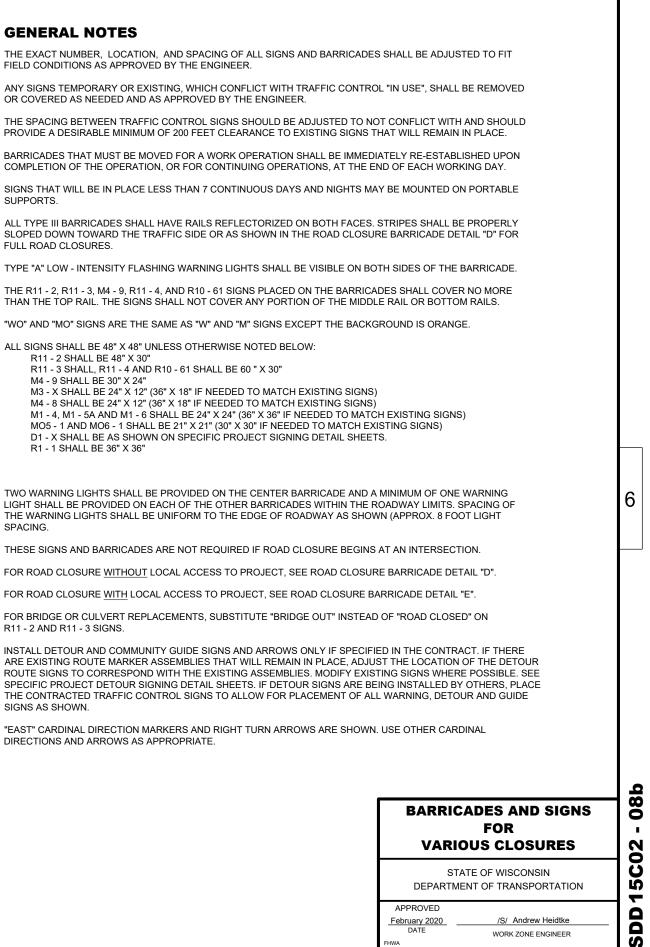
SUPPORTS.

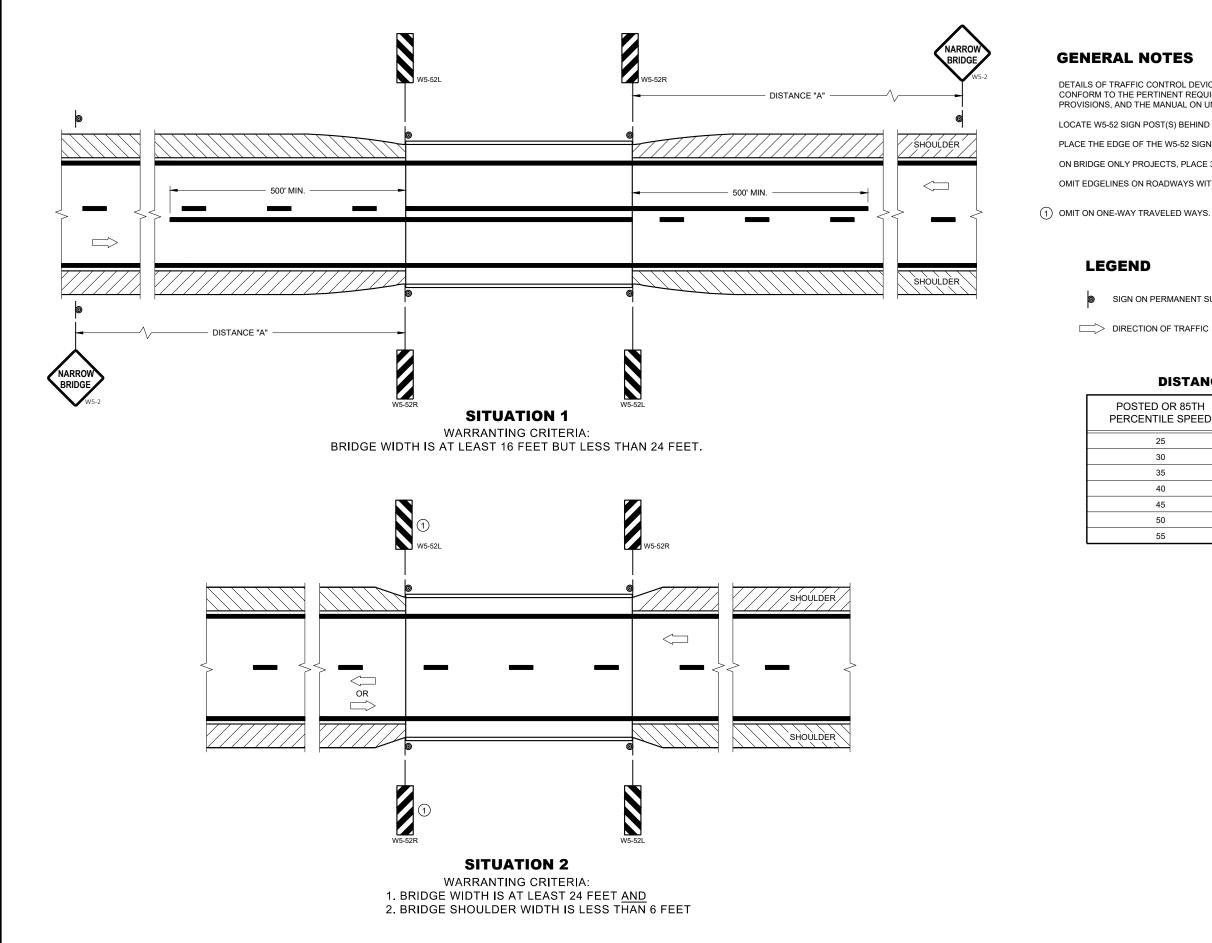
FULL ROAD CLOSURES.

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

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

- ALL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED BELOW: R11 - 2 SHALL BE 48" X 30"
  - R11 3 SHALL, R11 4 AND R10 61 SHALL BE 60 " X 30" M4 - 9 SHALL BE 30" X 24"
  - M3 X SHALL BE 24" X 12" (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS)
  - M4 8 SHALL BE 24" X 12" (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS)
  - 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)THE WARNING LIGHTS SHALL BE UNIFORM TO THE EDGE OF ROADWAY AS SHOWN (APPROX. 8 FOOT LIGHT SPACING
- (2) THESE SIGNS AND BARRICADES ARE NOT REQUIRED IF ROAD CLOSURE BEGINS AT AN INTERSECTION.
- (3) FOR ROAD CLOSURE WITHOUT LOCAL ACCESS TO PROJECT, SEE ROAD CLOSURE BARRICADE DETAIL "D".
- (4) FOR ROAD CLOSURE WITH LOCAL ACCESS TO PROJECT, SEE ROAD CLOSURE BARRICADE DETAIL "E".
- (5) FOR BRIDGE OR CULVERT REPLACEMENTS, SUBSTITUTE "BRIDGE OUT" INSTEAD OF "ROAD CLOSED" ON R11 - 2 AND R11 - 3 SIGNS.
- (6) INSTALL DETOUR AND COMMUNITY GUIDE SIGNS AND ARROWS ONLY IF SPECIFIED IN THE CONTRACT. IF THERE SIGNS AS SHOWN.
- (7)"EAST" CARDINAL DIRECTION MARKERS AND RIGHT TURN ARROWS ARE SHOWN. USE OTHER CARDINAL DIRECTIONS AND ARROWS AS APPROPRIATE.





DETAILS OF TRAFFIC CONTROL DEVICES AND INSTALLATION NOT SHOWN ON THE DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS, THE SPECIAL PROVISIONS, AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

LOCATE W5-52 SIGN POST(S) BEHIND GUARDRAIL WHEN PRESENT.

PLACE THE EDGE OF THE W5-52 SIGN IN LINE WITH FACE OF CURB OR PARAPET.

ON BRIDGE ONLY PROJECTS, PLACE 300 FEET OF EDGELINE.

OMIT EDGELINES ON ROADWAYS WITHOUT EXISTING EDGELINES.

SIGN ON PERMANENT SUPPORT

DIRECTION OF TRAFFIC

#### DISTANCE TABLE

OSTED OR 85TH RCENTILE SPEED	DISTANCE "A"
25	150'
30	200'
35	250'
40	300'
45	400'
50	550'
55	700'

6

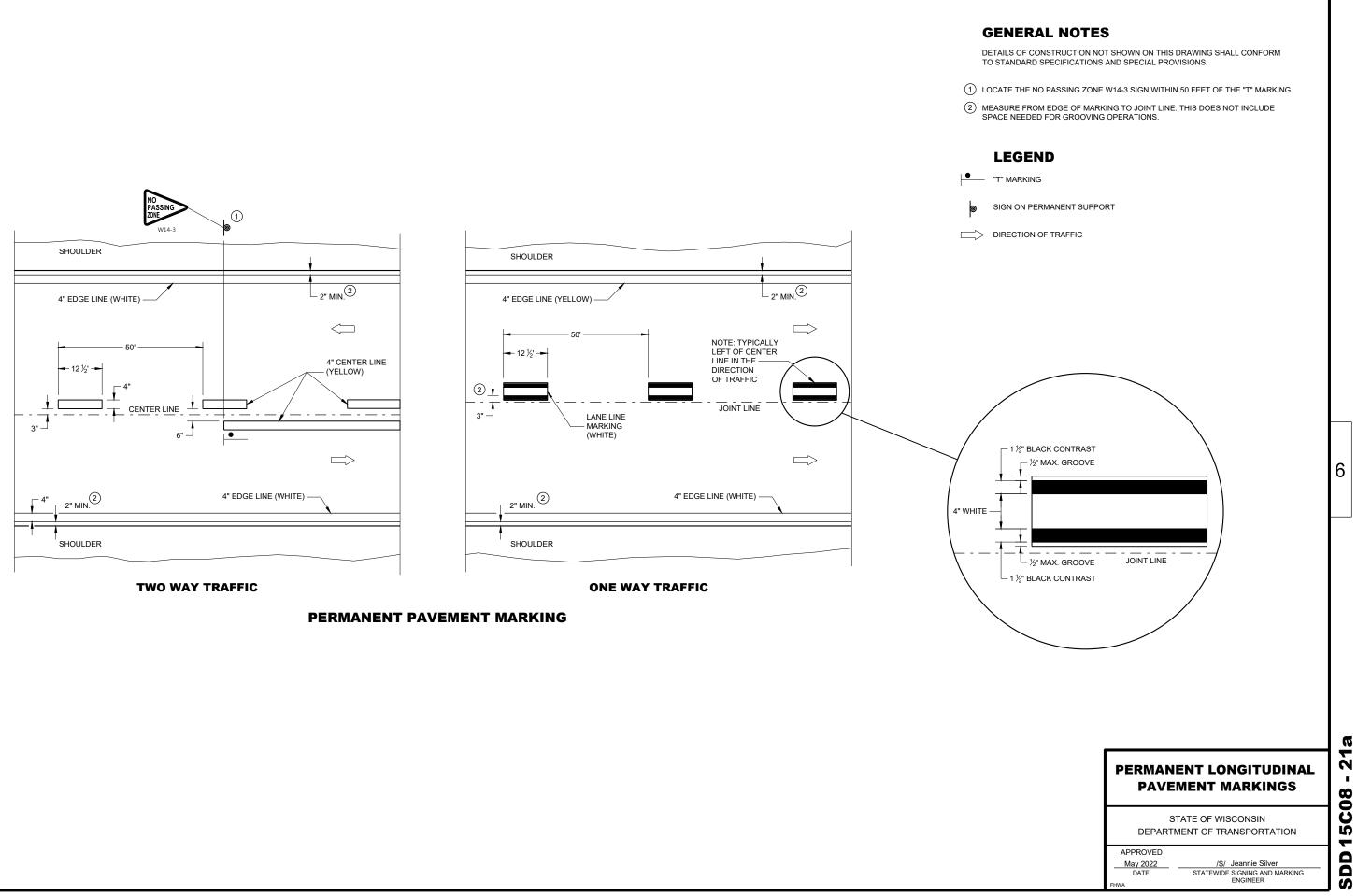
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# SIGNING AND MARKING FOR TWO LANE BRIDGES

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVED May 2022 DATE

/S/ Jeannie Silver STATE SIGNING AND MARKING ENGINEER

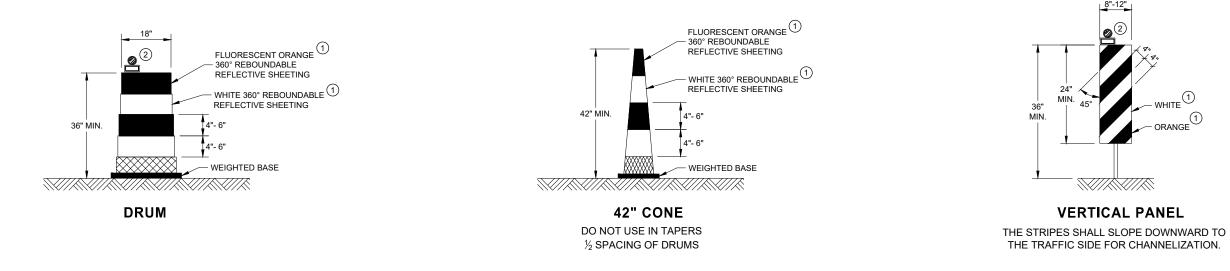


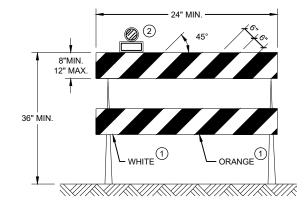




#### **GENERAL NOTES**

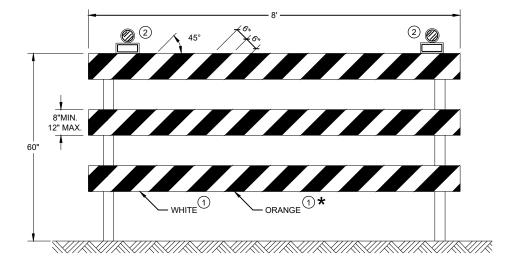
- (2) LOCATION OF WARNING LIGHTS WHEN SHOWN ON THE PLAN.





**TYPE II BARRICADE** 

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



#### **TYPE III BARRICADE**

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

★ IF USED FOR A PERMANENT APPLICATION USE RED SHEETING.

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

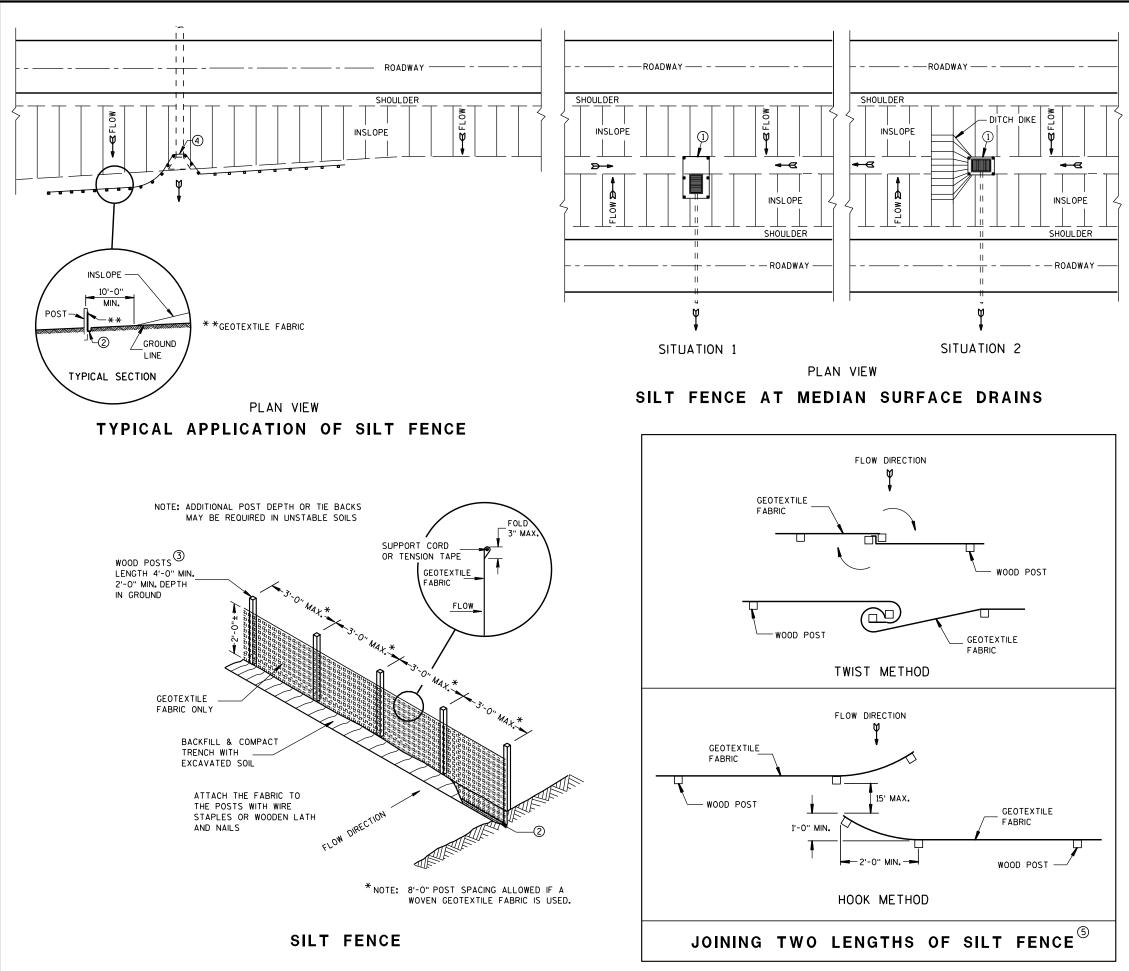
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# **CHANNELIZING DEVICES DRUMS, CONES, BARRICADES** AND VERTICAL PANELS

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVED May 2021 DATE

/S/ Andrew Heidtke WORK ZONE ENGINEER



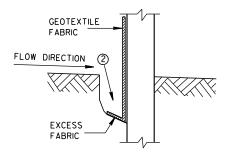
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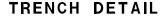
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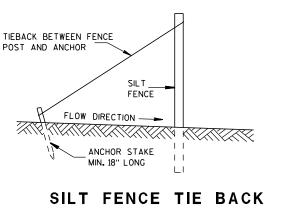
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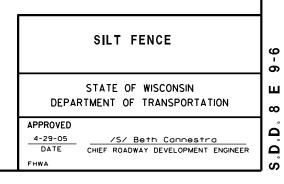
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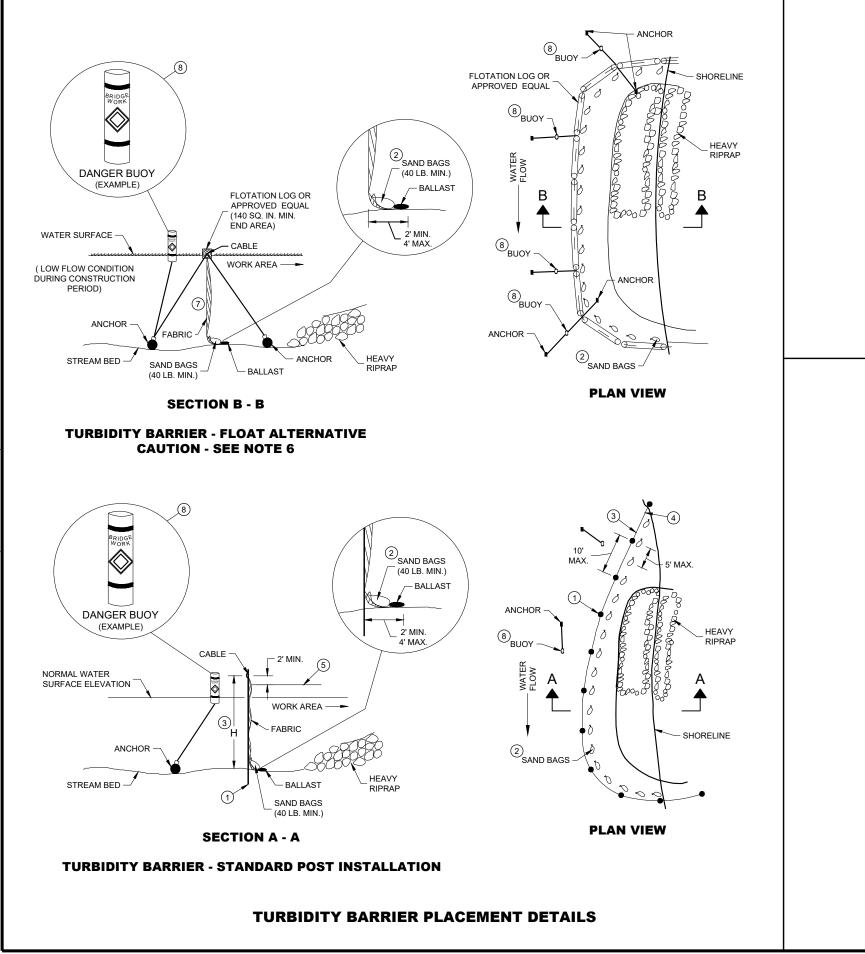




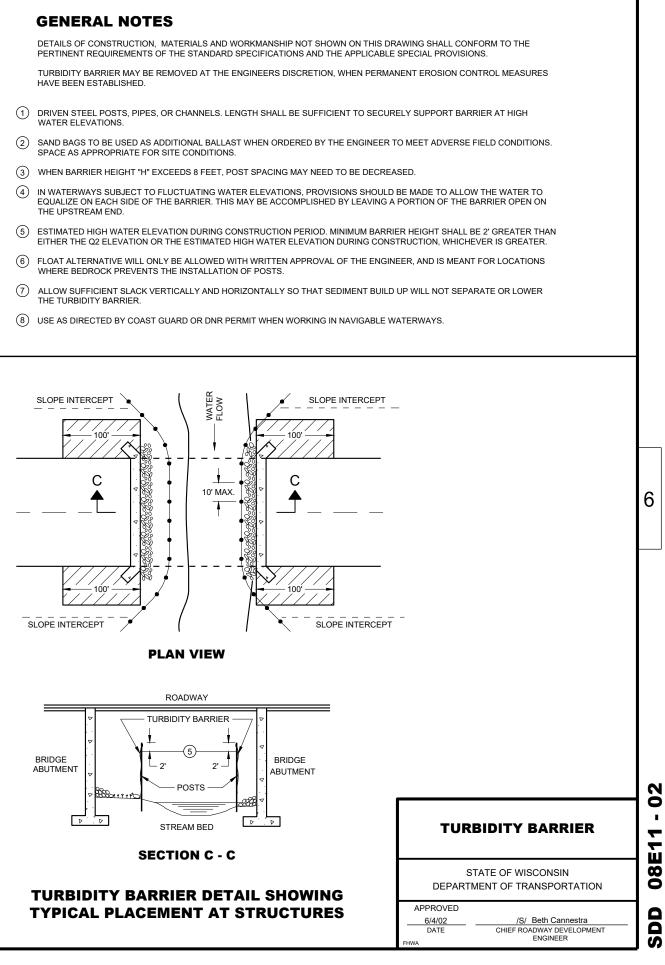


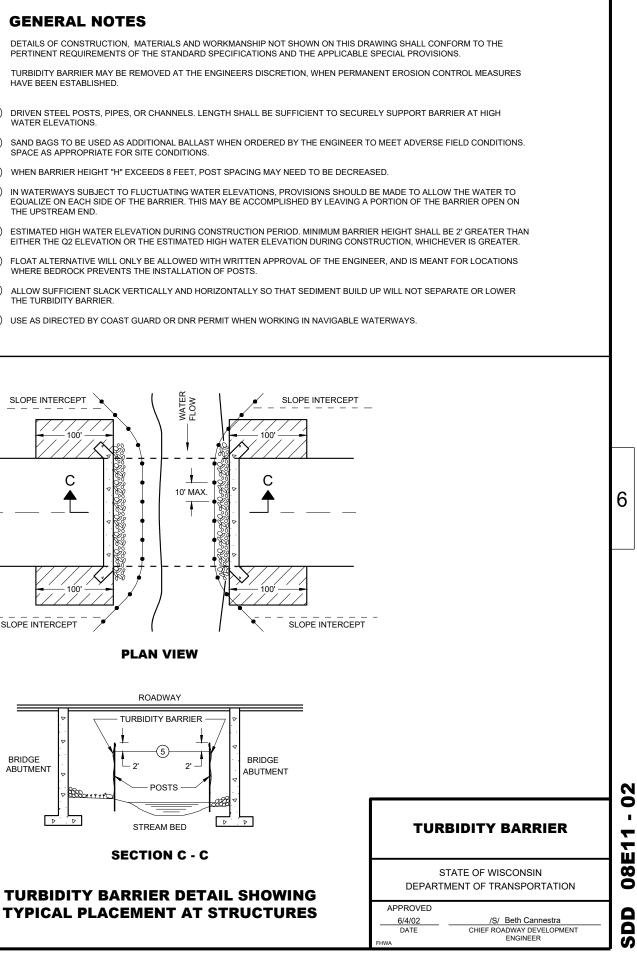
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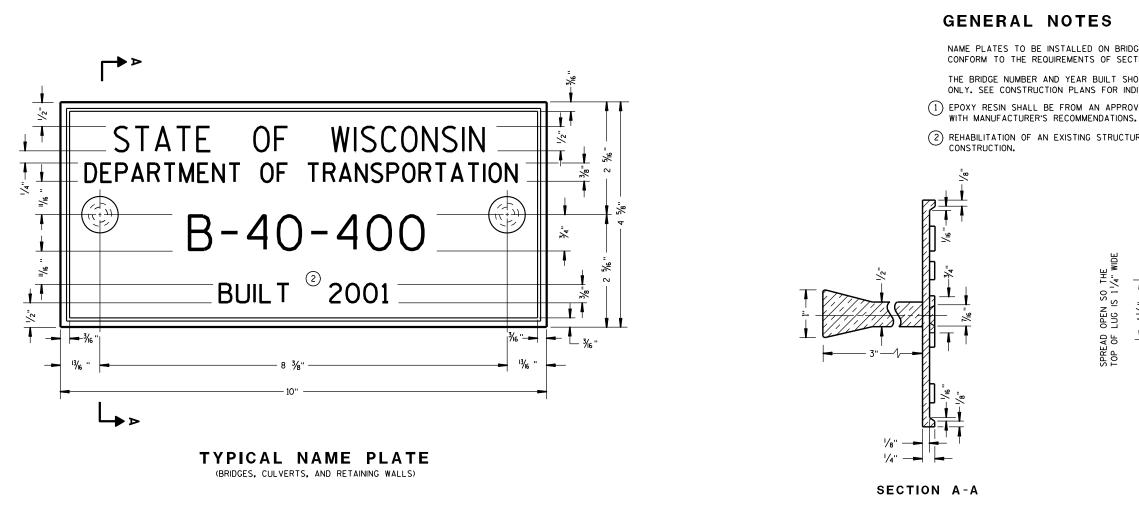


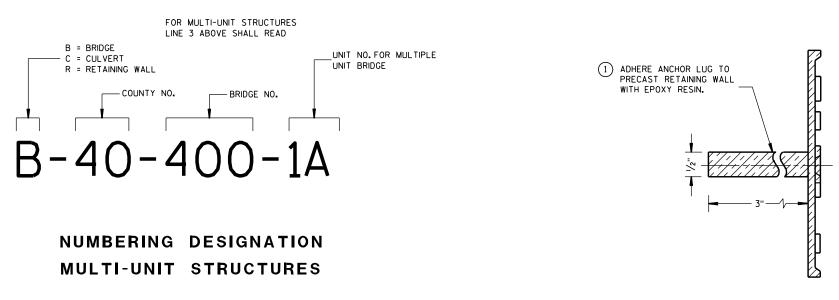
- WATER ELEVATIONS.





SDD 08E -02



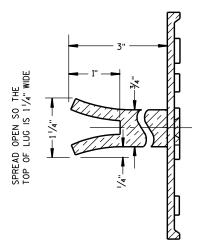


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(2) REHABILITATION OF AN EXISTING STRUCTURE SHOULD USE THE DATE OF ORIGINAL STRUCTURE



#### ALTERNATE LUG

#### NAME PLATE (STRUCTURES)

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

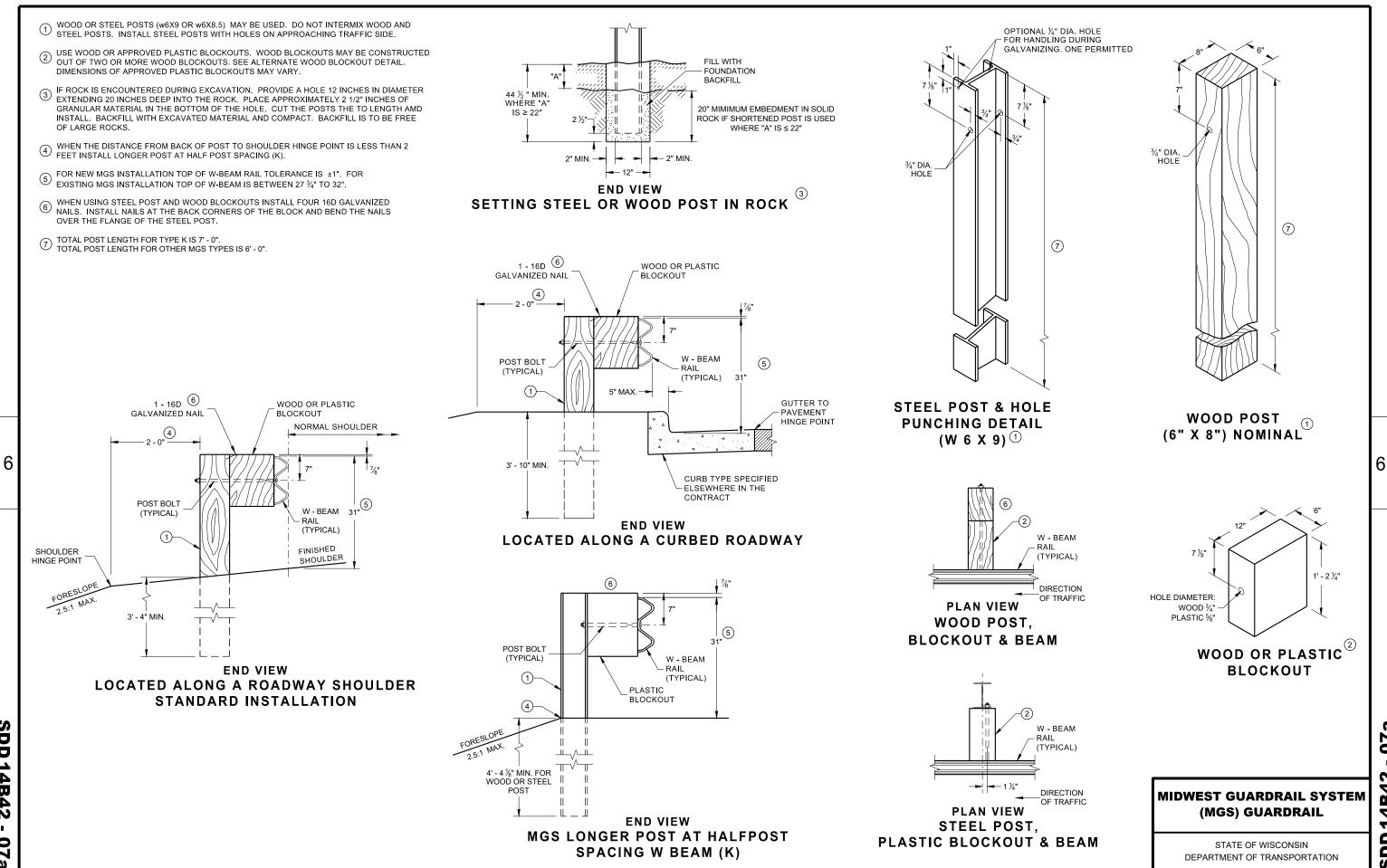
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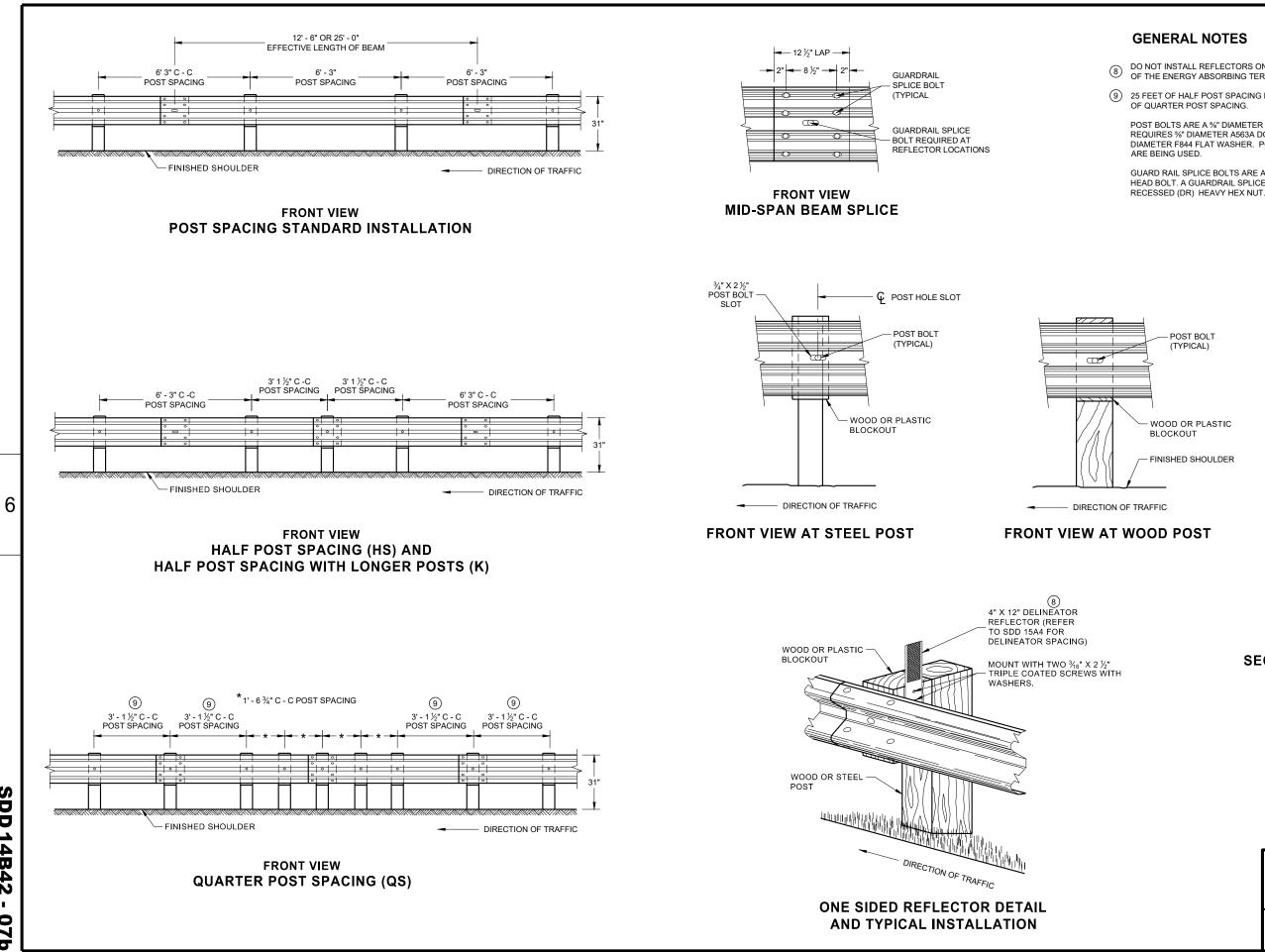
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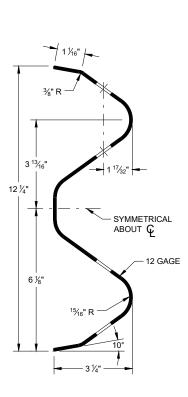
**SDD 14B42** 0 ð

DO NOT INSTALL REFLECTORS ON THE FIRST 50 FEET OF THE APPROACH END OF THE ENERGY ABSORBING TERMINAL.

(9) 25 FEET OF HALF POST SPACING IS REQUIRED ON APPROACH AND DEPARTURE ENDS

POST BOLTS ARE A %" DIAMETER ASTM A307 GUARDRAIL BOLT. A POST BOLT REQUIRES %" DIAMETER A563A DOUBLE RECESSED (DR) HEAVY HEX NUT AND %" DIAMETER F844 FLAT WASHER. POST BOLTS MAY BE LONGER IF MULTIPLE BLOCKOUTS

GUARD RAIL SPLICE BOLTS ARE A 5/8" DIAMETER ASTM A307 GUARDRAIL HEAD BOLT. A GUARDRAIL SPLICE BOLT REQUIRES 5%" DIAMETER A563A DOUBLE



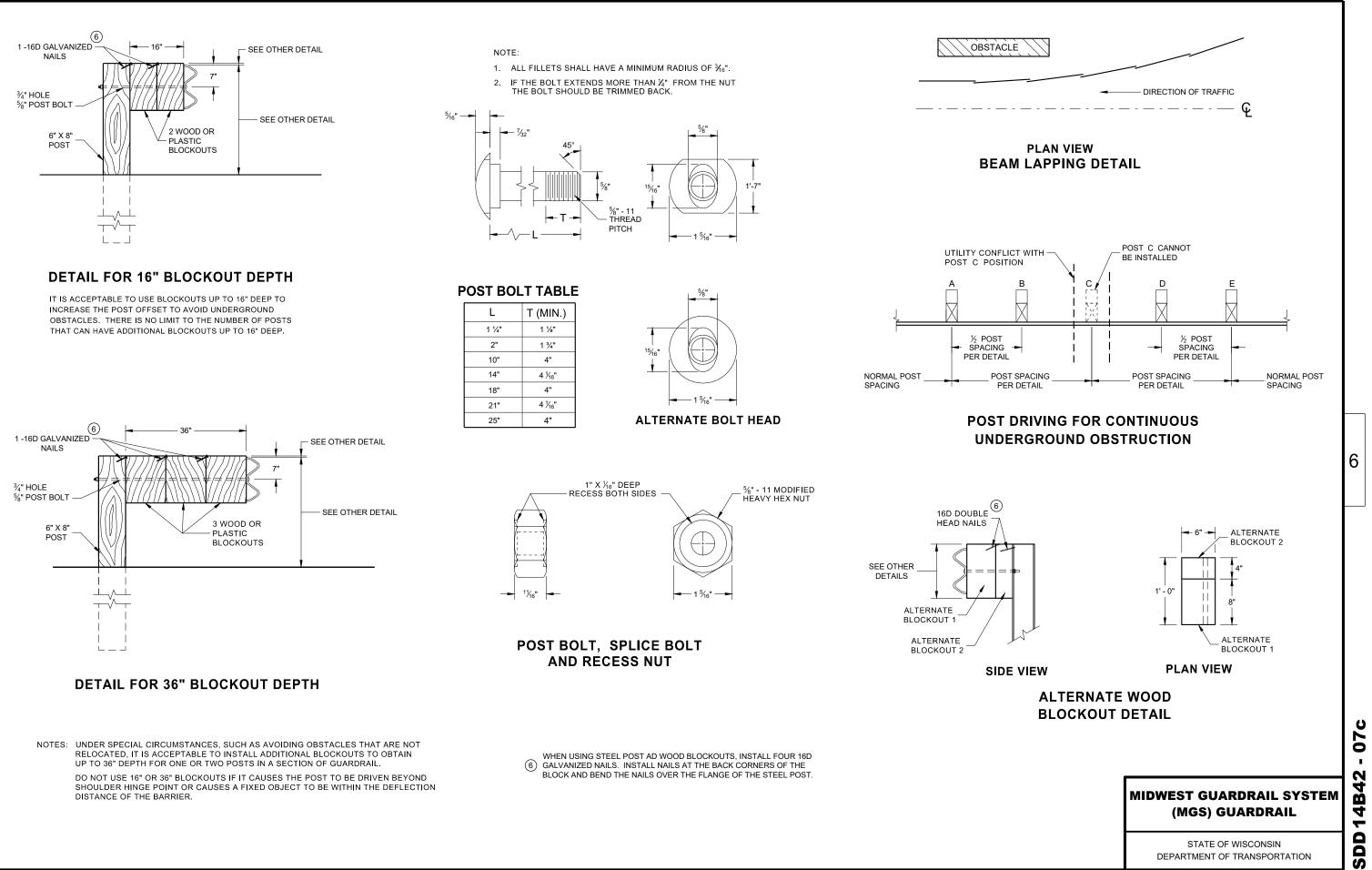
SECTION THRU W-BEAM RAIL

# 07b . N 4 à 4 ~ SDD

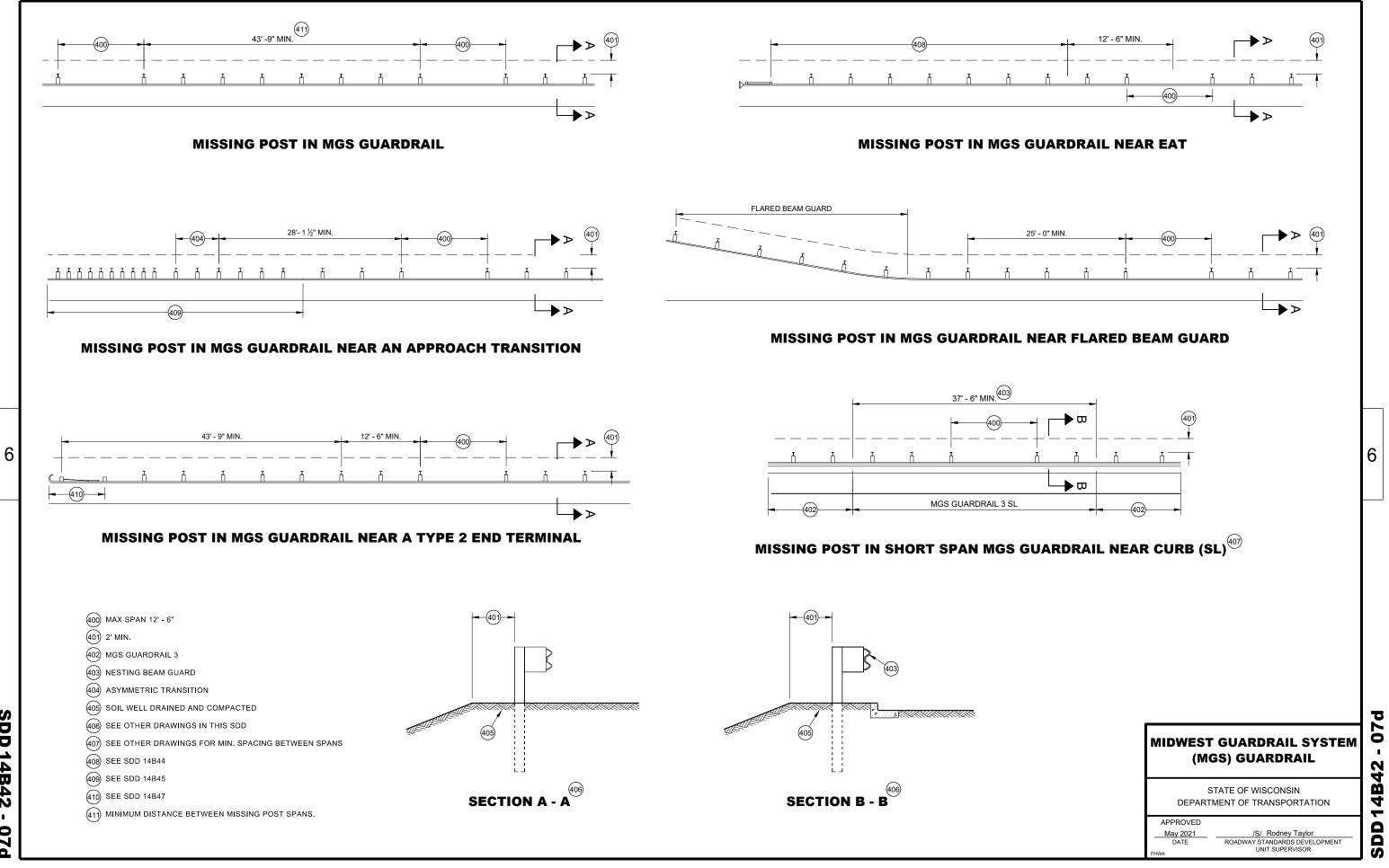
6

#### **MIDWEST GUARDRAIL SYSTEM** (MGS) GUARDRAIL

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION



**SDD 14B42** 0 **n** 



**SDD 14B42** 07d

### **GENERAL NOTES**

- (A) THE SLOPE IN THE AREA BOUNDED BY THE GRADELINE, THE HINGE POINT LINE (HPL) AND THE CLEAR ZONE LIMITS (CZL) SHALL BE 4:1 OR FLATTER.
- (B) AFTER FINAL ASSEMBLY, RECHECK CABLE TO BE SURE IT IS TAUT AND HAS NOT RELAXED
- © DIFFERENT MANUFACTURERS REQUIRE DIFFERENT PERFORATED W - BEAM RAIL END PANELS. SEE MANUFACTURER'S INFORMATION.
- D ATTACH ALUMINUM SHEET TO E.A.T. HEAD USING 4 STAINLESS STEEL SELF - TAPPING SCREWS. ONE SCREW PER CORNER.
- E HARDWARE MAY VARY BETWEEN MANUFACTURER SEE MANUFACTURER'S DRAWING FOR INFORMATION.

DIMENSIONS MAY VARY, MANUFACTURER'S INFORMATION.

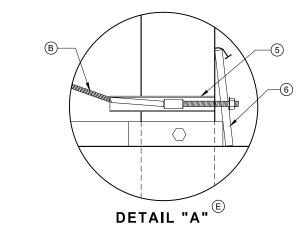
SEE SDD 14B42 FOR MORE INFORMATION.

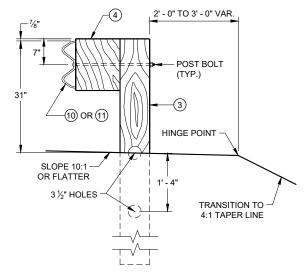
★ DO NOT ATTACH BLOCKOUTS TO POST 1 AND 2.

DO NOT INSTALL REFLECTORS ON THE FIRST 50 FEET OF THE APPROACH END OF THE ENERGY ABSORBING TERMINAL

SEE MANUFACTURER'S DRAWING FOR SPLICE LOCATION, HARDWARE DIMENSIONS AND INSTALLATION INSTRUCTIONS.

THE CENTER OF THE UPPER 3  $\frac{1}{2}$ " DIAMETER HOLE ON POST NUMBER 3 THROUGH POST 9 IS TO BE FLUSH WITH THE GROUND LINE UP TO A MAXIMUM OF 2" ABOVE GROUND LINE. WOOD BLOCKS ON POSTS NUMBERED 3 THROUGH 9 MAY BE ADJUSTED UP TO 3" ABOVE THE TOP OF POST.

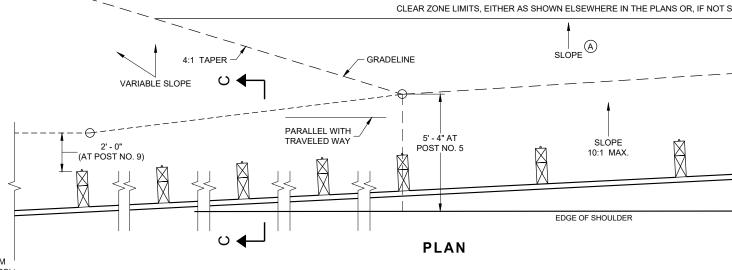


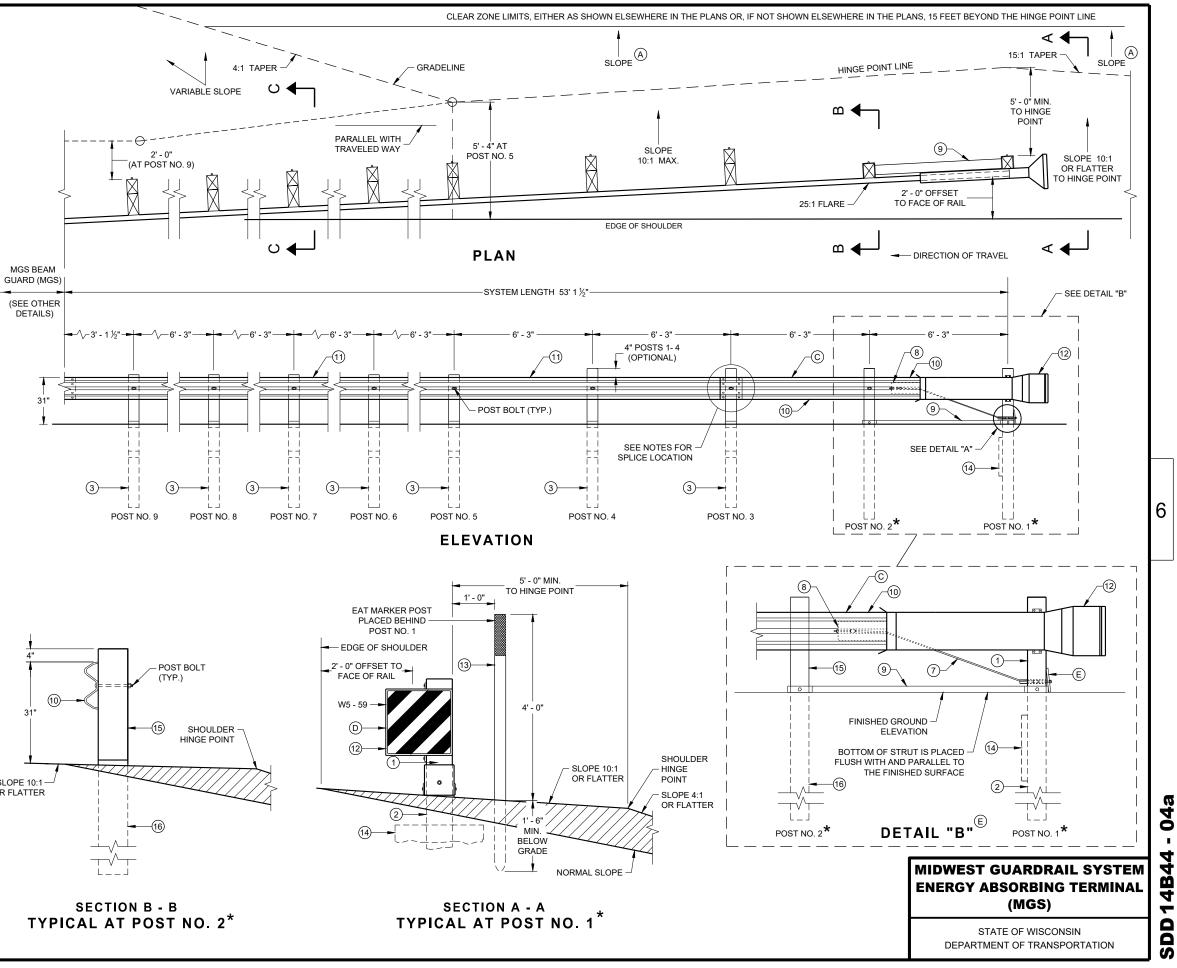


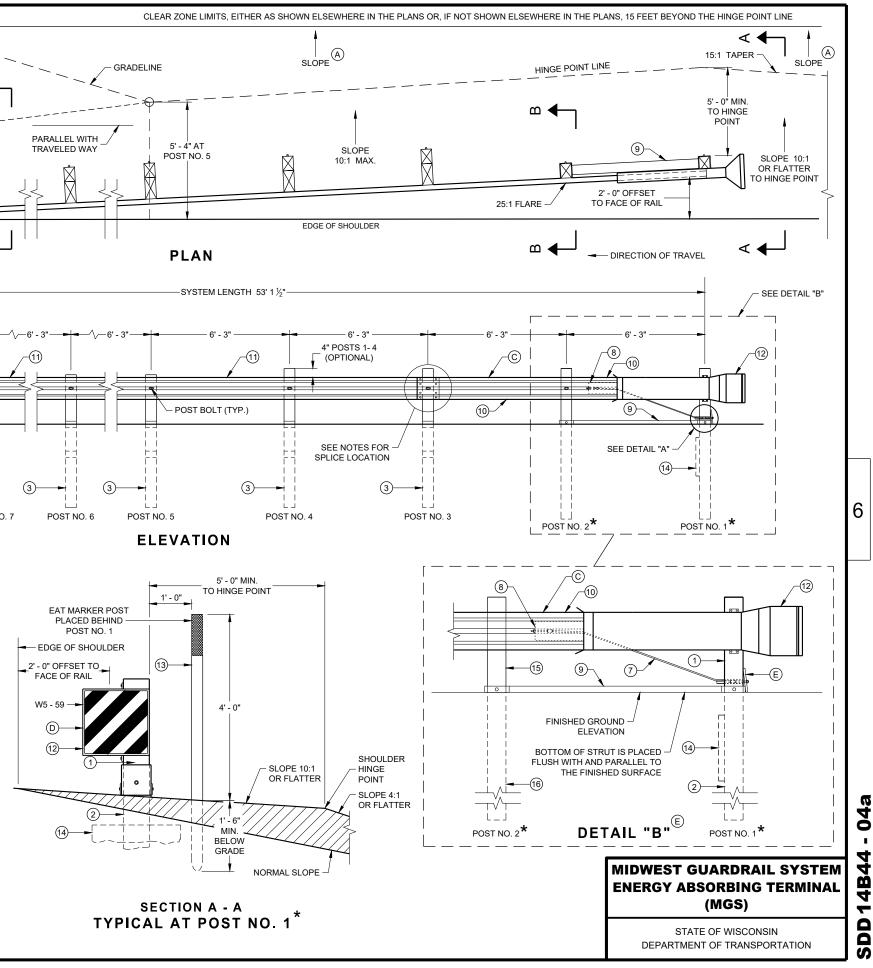
31 -(15) SHOULDER HINGE POINT SLOPE 10:1-OR FLATTER

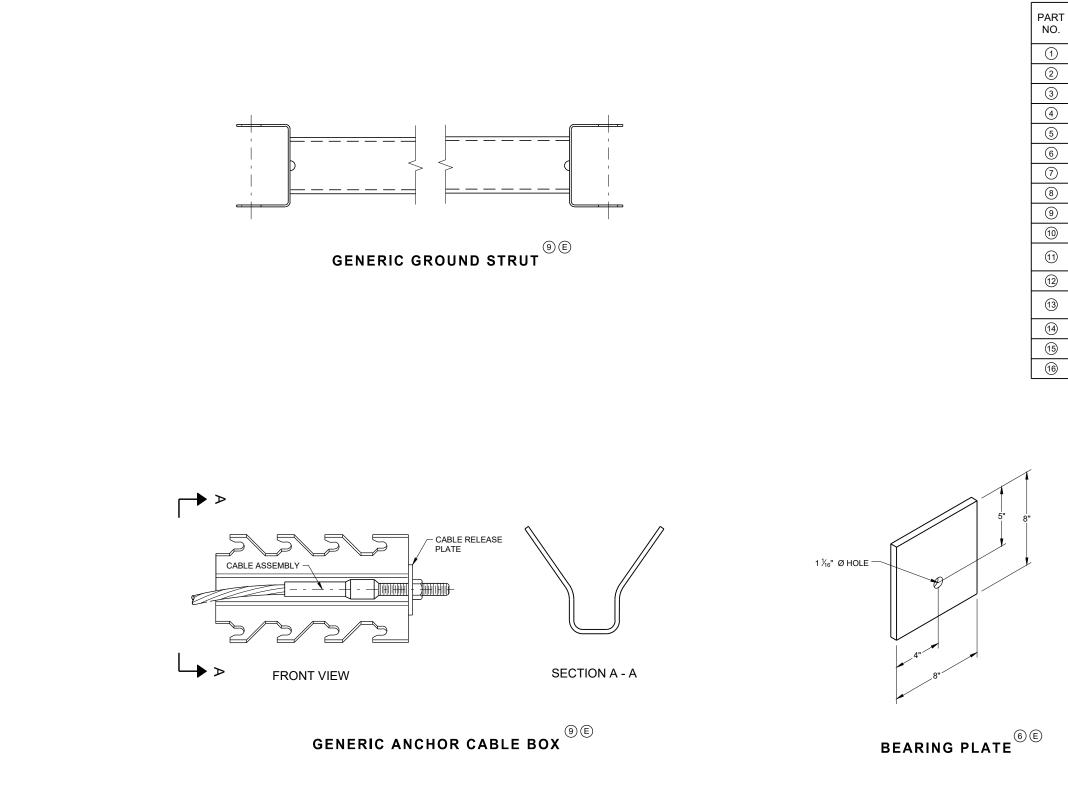
SECTION C - C **TYPICAL AT POST NOS. 3 - 9** 

SECTION B - B TYPICAL AT POST NO. 2*









# BILL OF MATERIALS

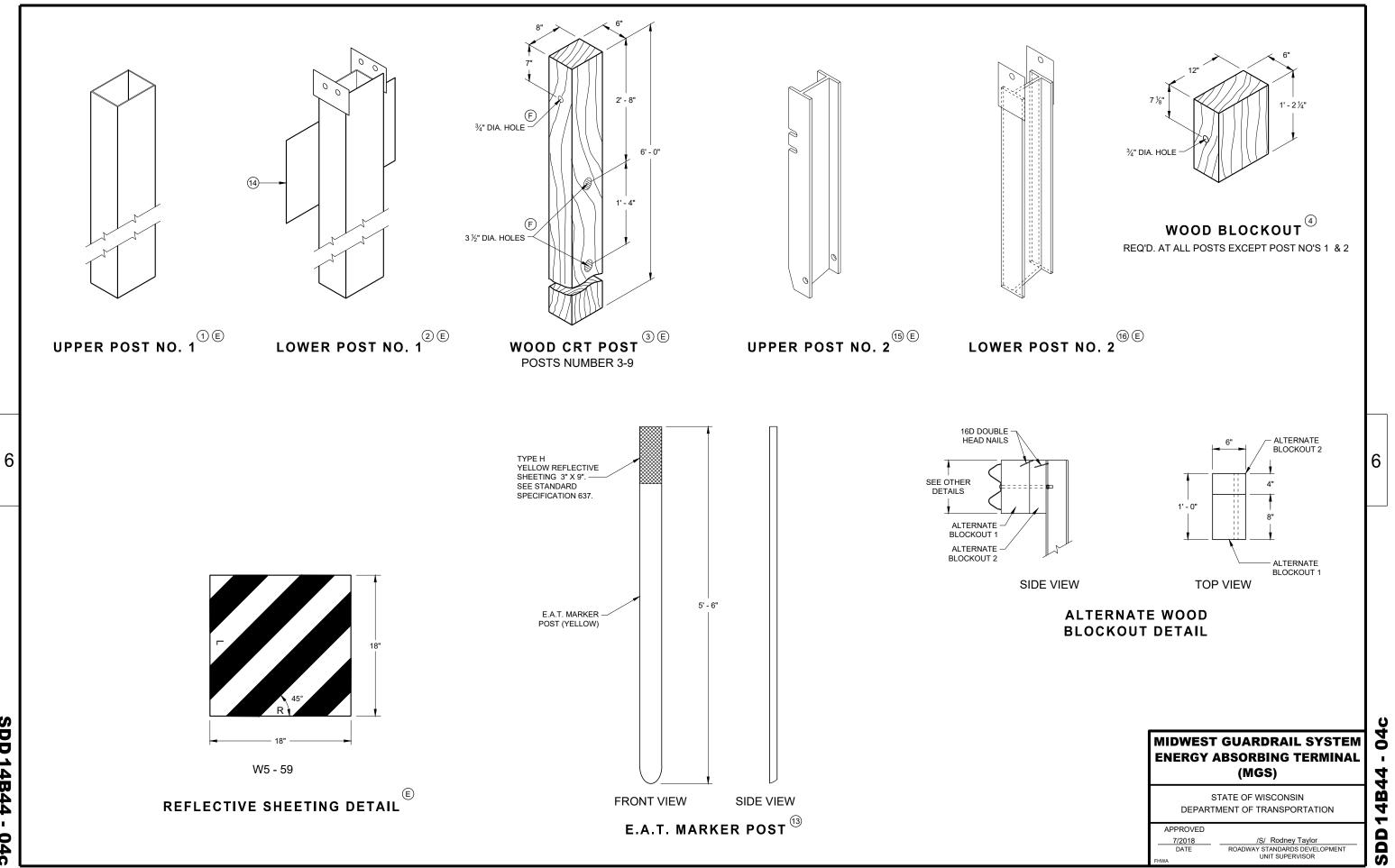
DESCRIPTION MATERIALS PROVIDED BY MGS EAT MANUFACTURER. SEE MANUGACTURER'S DETAILS FOR MORE INFORMATION.
UPPER POST NO. 1 6" X 6" TUBE
LOWER POST NO. 1
WOOD CRT
WOOD BLOCKOUT
PIPE SLEEVE
BEARING PLATE
BCT CABLE ASSEMBLY
ANCHOR CABLE BOX
GROUND STRUT
PERFORATED W-BEAM RAIL END PANEL, 12'-6" LONG.
STANDARD W-BEAM RAIL. MULTIPLE SECTIONS REQUIRED. SECTIONS VARY IN LENGTH.
IMPACT HEAD
EAT MARKER POST - YELLOW (SEE APPROVED PRODUCTS LIST)
SOIL PLATE
UPPER POST NO. 2
LOWER POST NO. 2

6

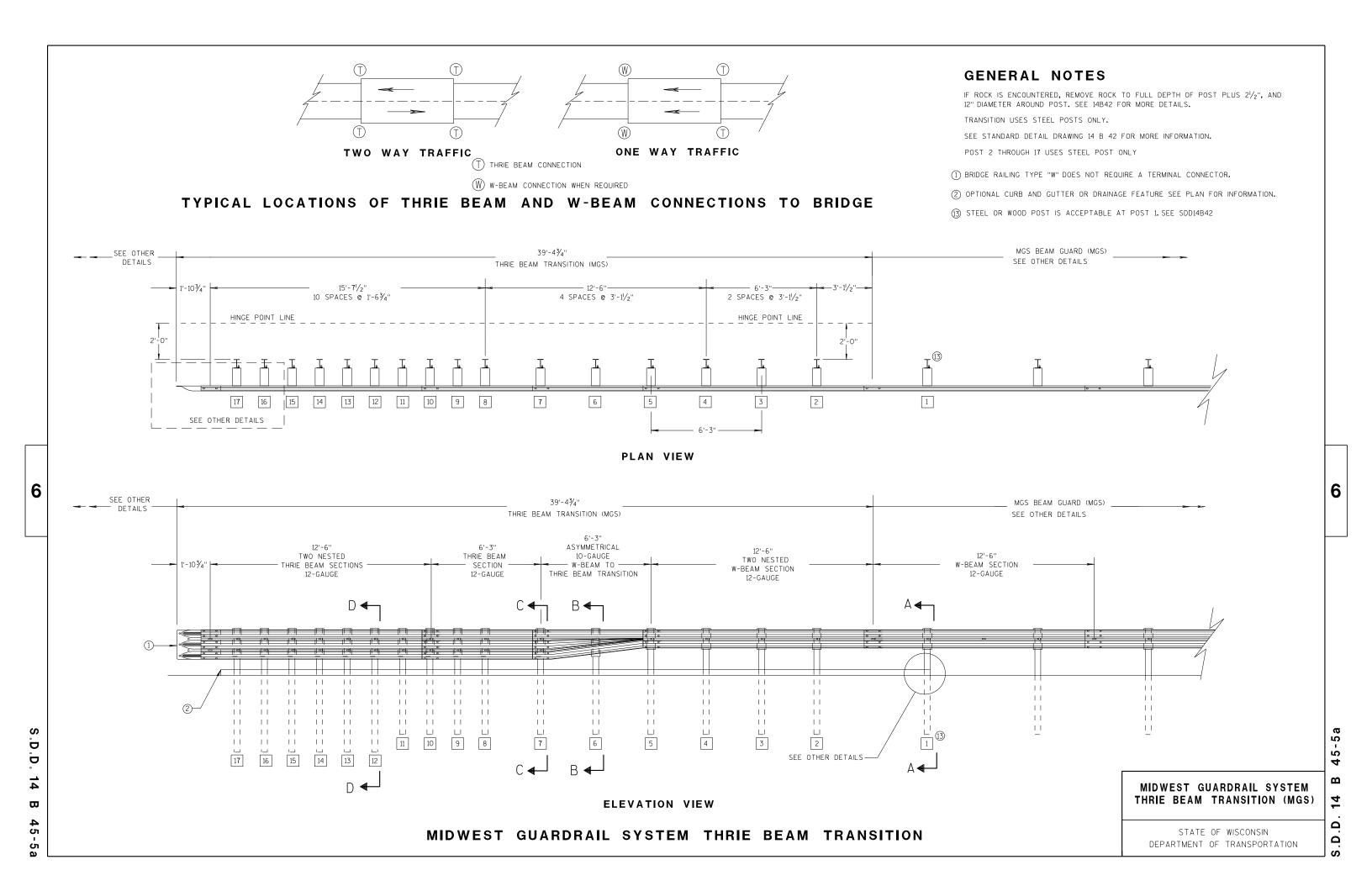
# SDD14B44 - 04b

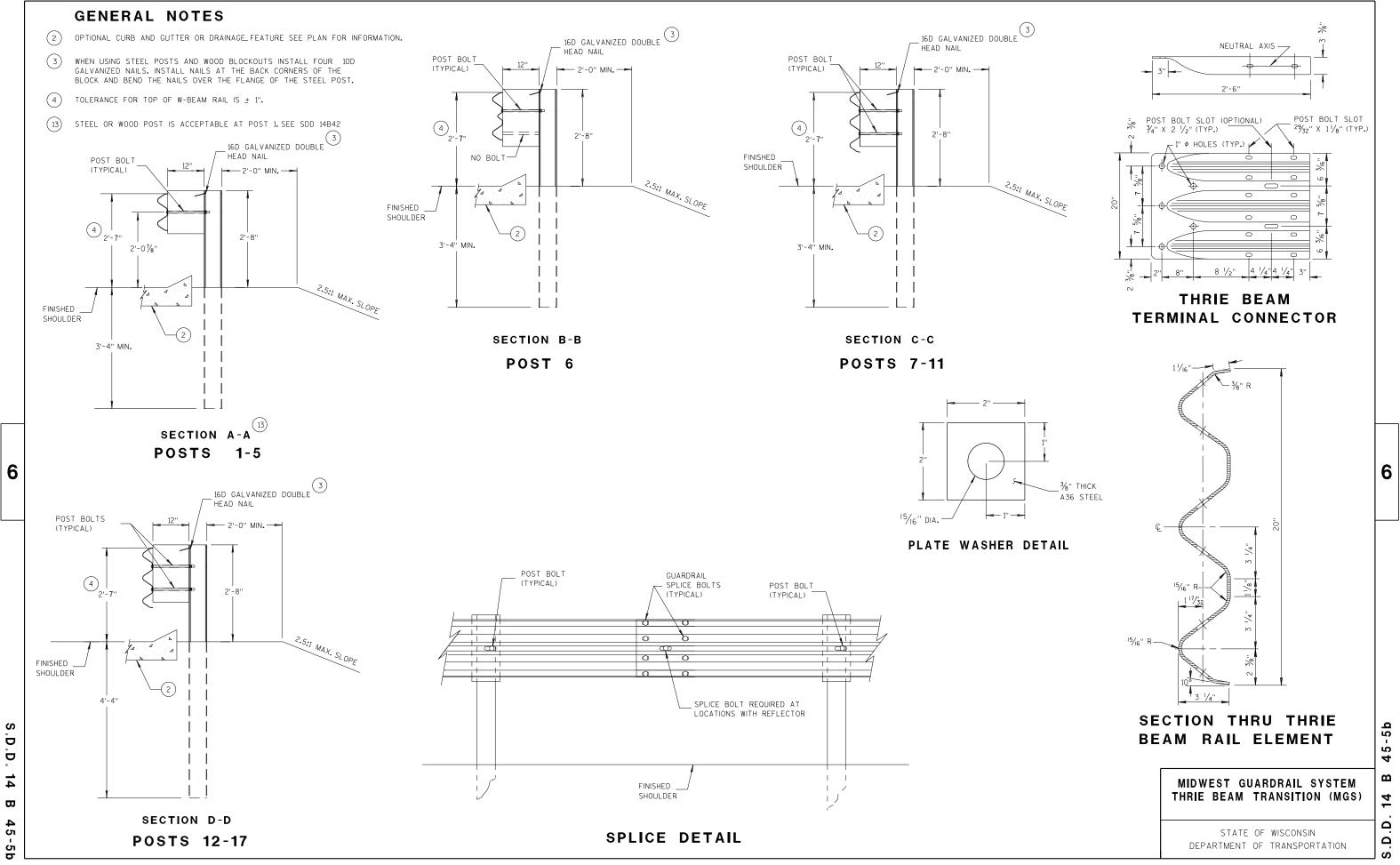
## MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION



SDD 14B44 - 04c



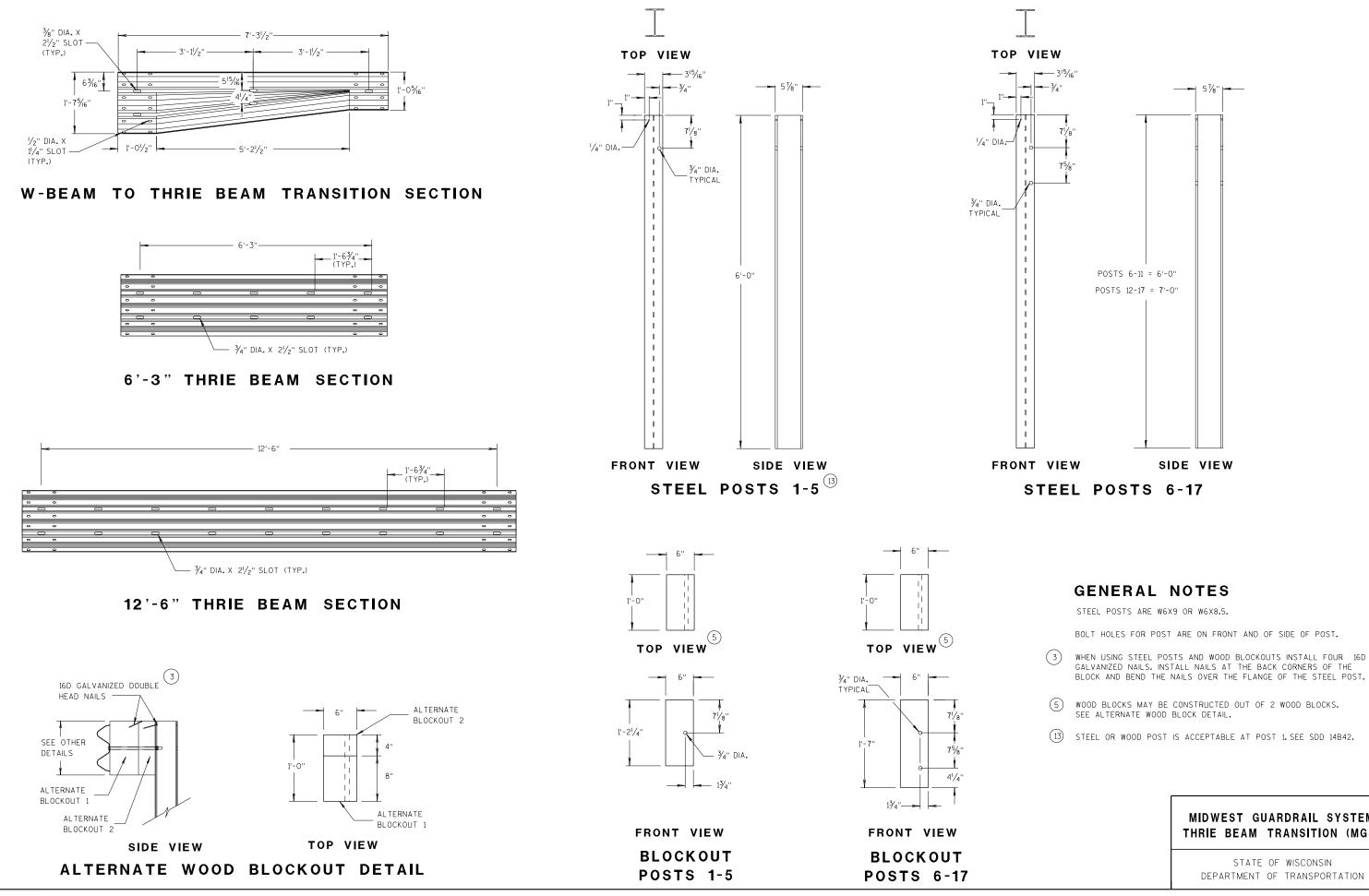


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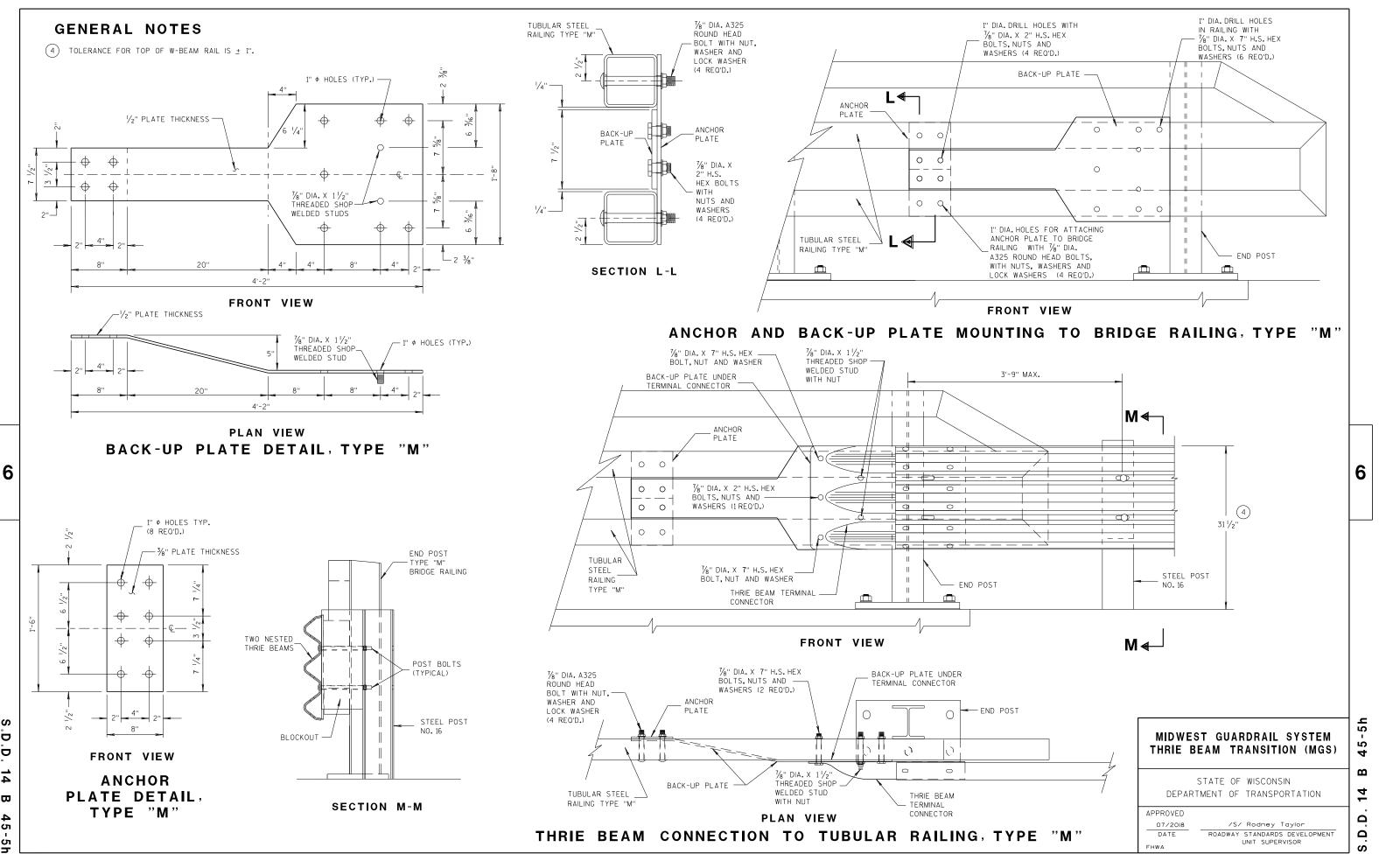
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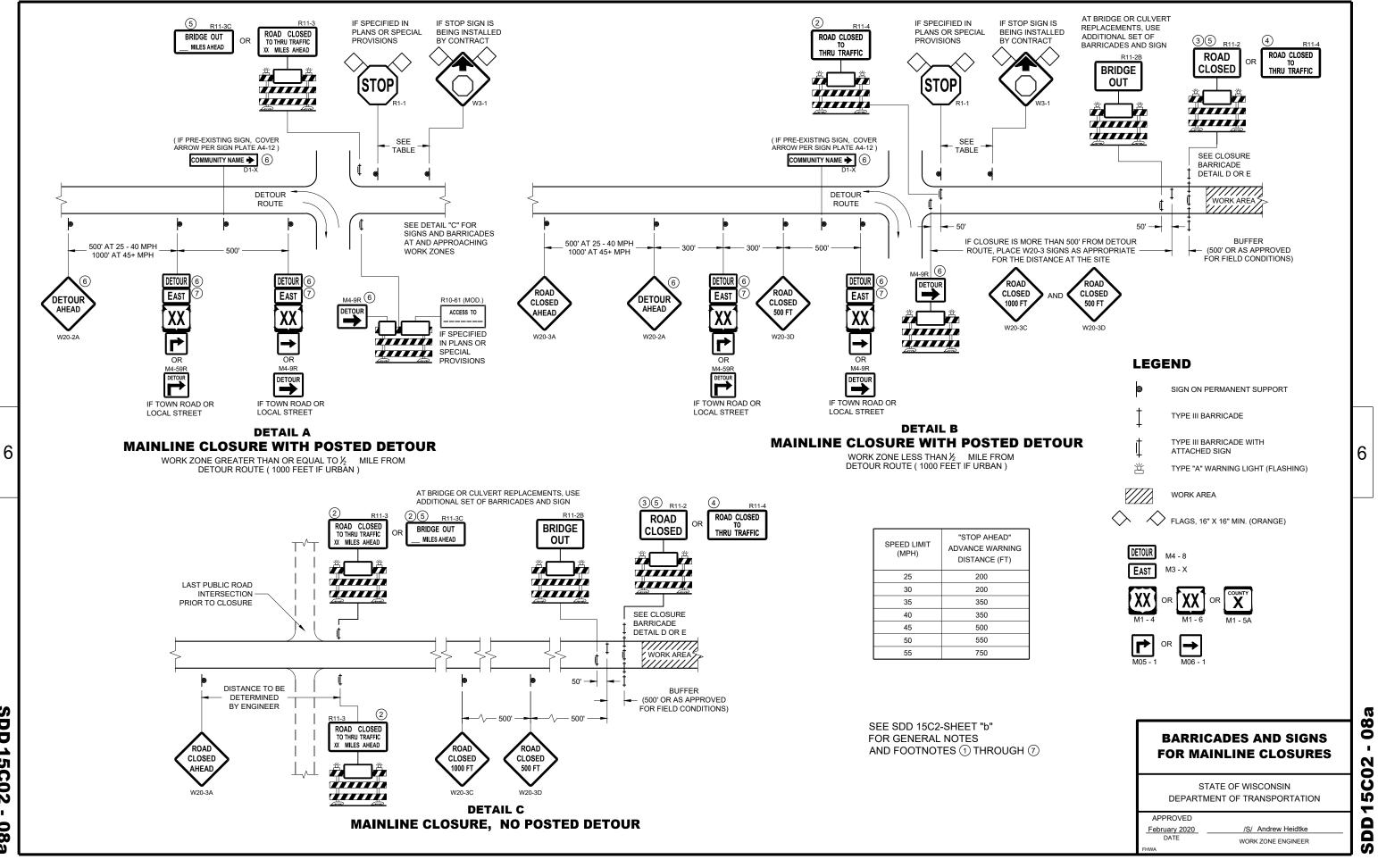
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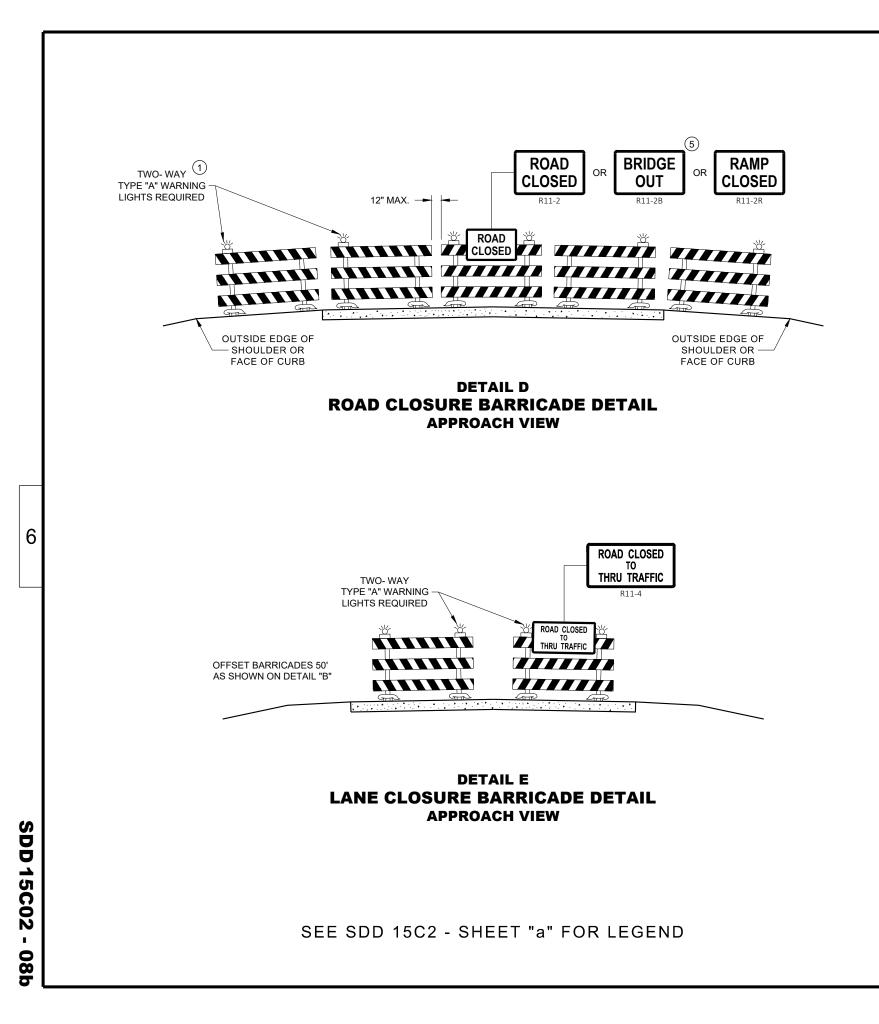
### MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION



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### **GENERAL NOTES**

FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

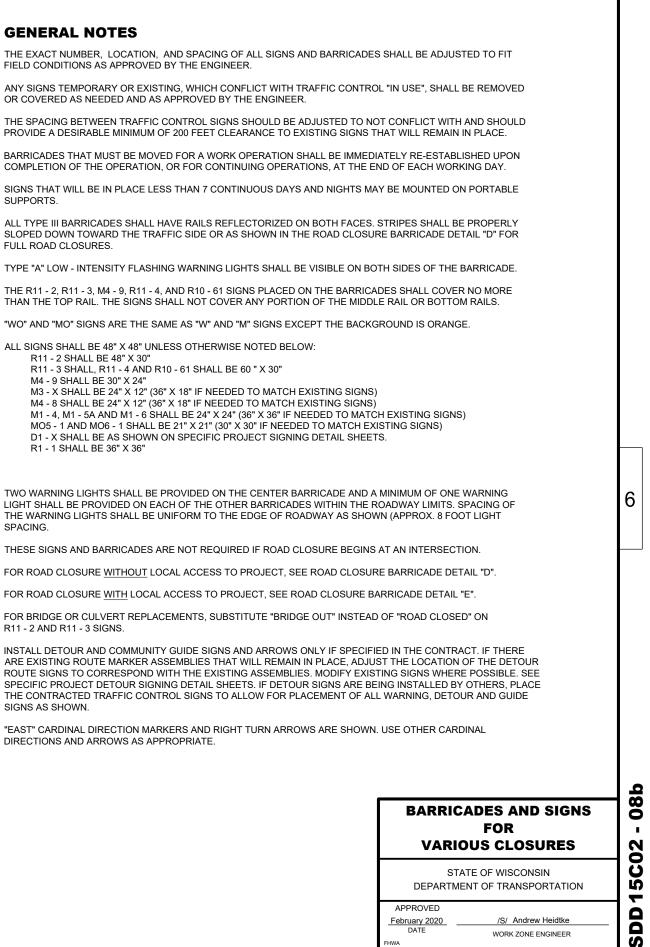
SUPPORTS.

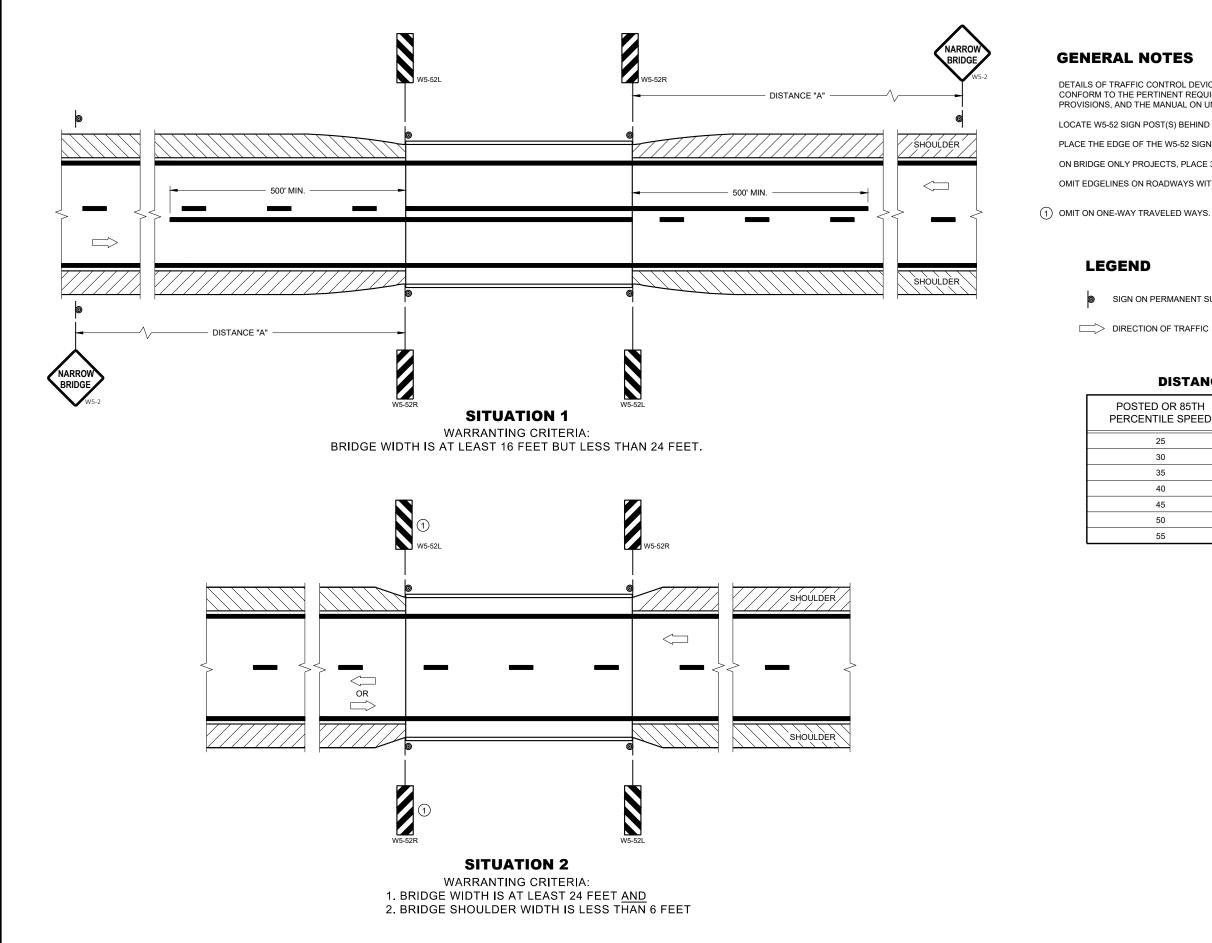
FULL ROAD CLOSURES.

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

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

- ALL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED BELOW: R11 - 2 SHALL BE 48" X 30"
  - R11 3 SHALL, R11 4 AND R10 61 SHALL BE 60 " X 30" M4 - 9 SHALL BE 30" X 24"
  - M3 X SHALL BE 24" X 12" (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS)
  - M4 8 SHALL BE 24" X 12" (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS)
  - 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)THE WARNING LIGHTS SHALL BE UNIFORM TO THE EDGE OF ROADWAY AS SHOWN (APPROX. 8 FOOT LIGHT SPACING
- (2) THESE SIGNS AND BARRICADES ARE NOT REQUIRED IF ROAD CLOSURE BEGINS AT AN INTERSECTION.
- (3) FOR ROAD CLOSURE WITHOUT LOCAL ACCESS TO PROJECT, SEE ROAD CLOSURE BARRICADE DETAIL "D".
- (4) FOR ROAD CLOSURE WITH LOCAL ACCESS TO PROJECT, SEE ROAD CLOSURE BARRICADE DETAIL "E".
- (5) FOR BRIDGE OR CULVERT REPLACEMENTS, SUBSTITUTE "BRIDGE OUT" INSTEAD OF "ROAD CLOSED" ON R11 - 2 AND R11 - 3 SIGNS.
- (6) INSTALL DETOUR AND COMMUNITY GUIDE SIGNS AND ARROWS ONLY IF SPECIFIED IN THE CONTRACT. IF THERE SIGNS AS SHOWN.
- (7)"EAST" CARDINAL DIRECTION MARKERS AND RIGHT TURN ARROWS ARE SHOWN. USE OTHER CARDINAL DIRECTIONS AND ARROWS AS APPROPRIATE.





DETAILS OF TRAFFIC CONTROL DEVICES AND INSTALLATION NOT SHOWN ON THE DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS, THE SPECIAL PROVISIONS, AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

LOCATE W5-52 SIGN POST(S) BEHIND GUARDRAIL WHEN PRESENT.

PLACE THE EDGE OF THE W5-52 SIGN IN LINE WITH FACE OF CURB OR PARAPET.

ON BRIDGE ONLY PROJECTS, PLACE 300 FEET OF EDGELINE.

OMIT EDGELINES ON ROADWAYS WITHOUT EXISTING EDGELINES.

SIGN ON PERMANENT SUPPORT

DIRECTION OF TRAFFIC

### DISTANCE TABLE

OSTED OR 85TH RCENTILE SPEED	DISTANCE "A"
25	150'
30	200'
35	250'
40	300'
45	400'
50	550'
55	700'

6

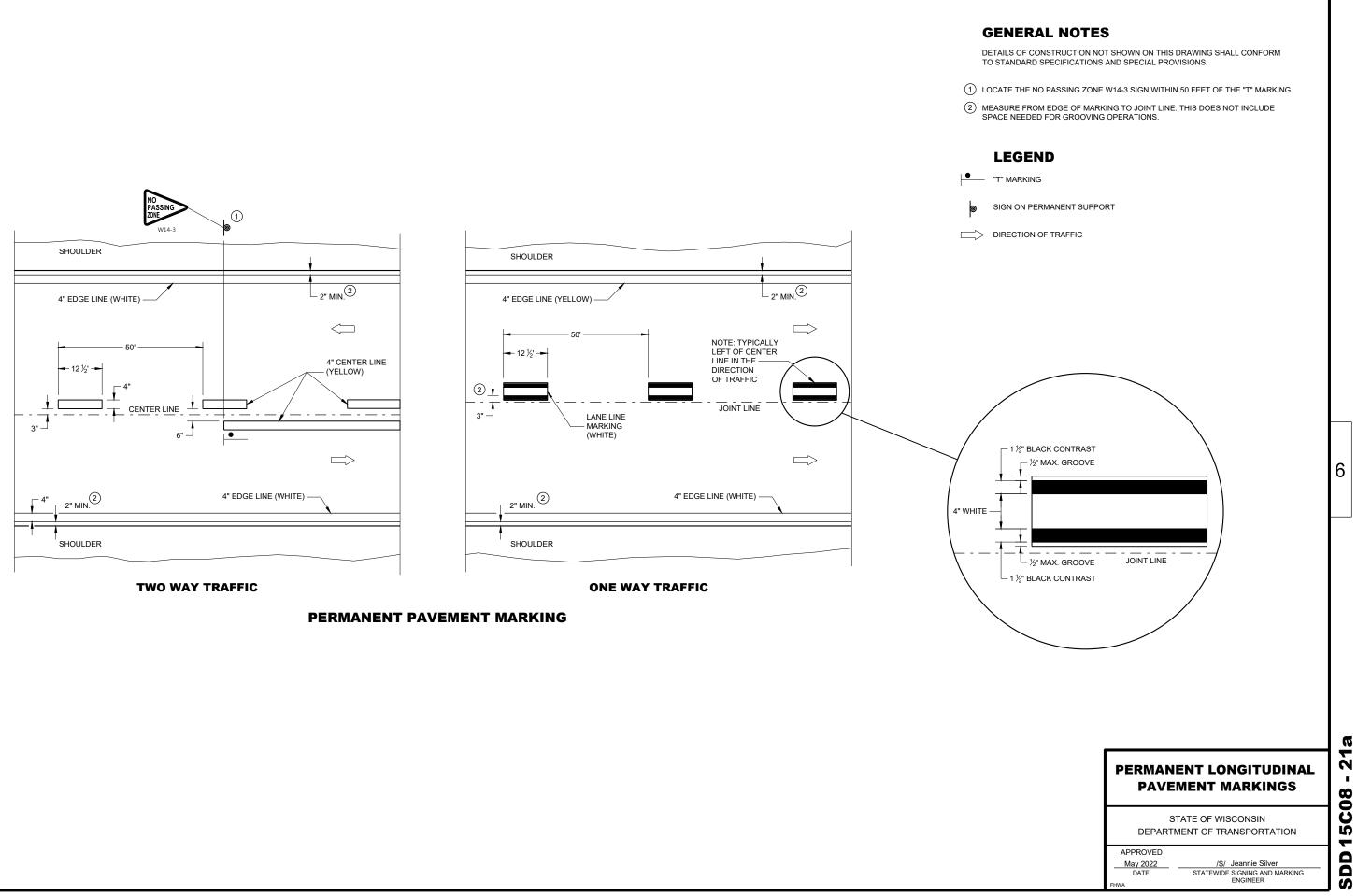
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## SIGNING AND MARKING FOR TWO LANE BRIDGES

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVED May 2022 DATE

/S/ Jeannie Silver STATE SIGNING AND MARKING ENGINEER

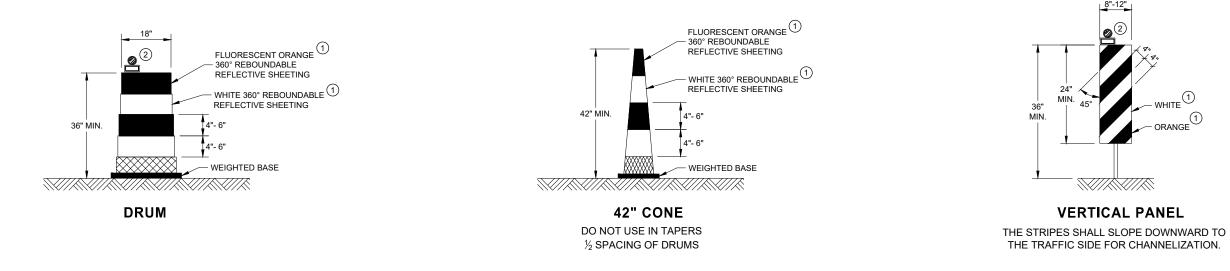


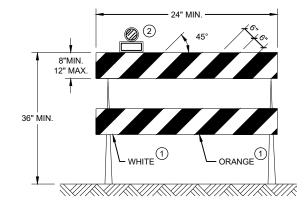




### **GENERAL NOTES**

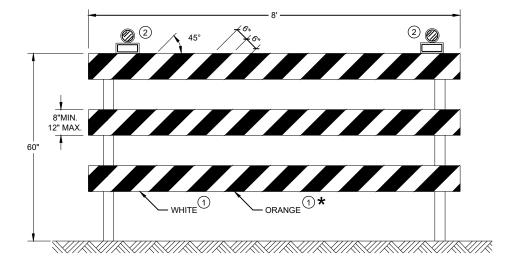
- (2) LOCATION OF WARNING LIGHTS WHEN SHOWN ON THE PLAN.





**TYPE II BARRICADE** 

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



### **TYPE III BARRICADE**

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

★ IF USED FOR A PERMANENT APPLICATION USE RED SHEETING.

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

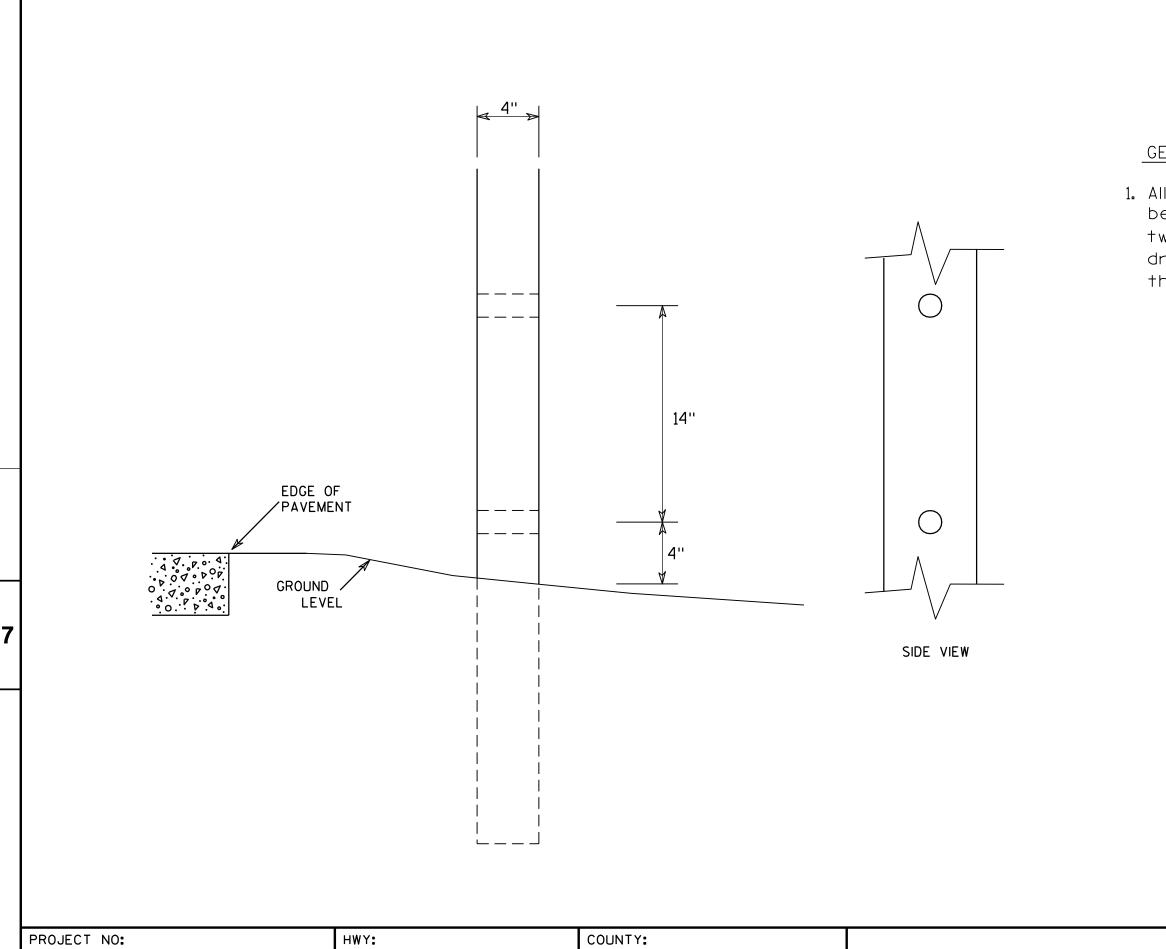
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# **CHANNELIZING DEVICES DRUMS, CONES, BARRICADES** AND VERTICAL PANELS

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVED May 2021 DATE

/S/ Andrew Heidtke WORK ZONE ENGINEER

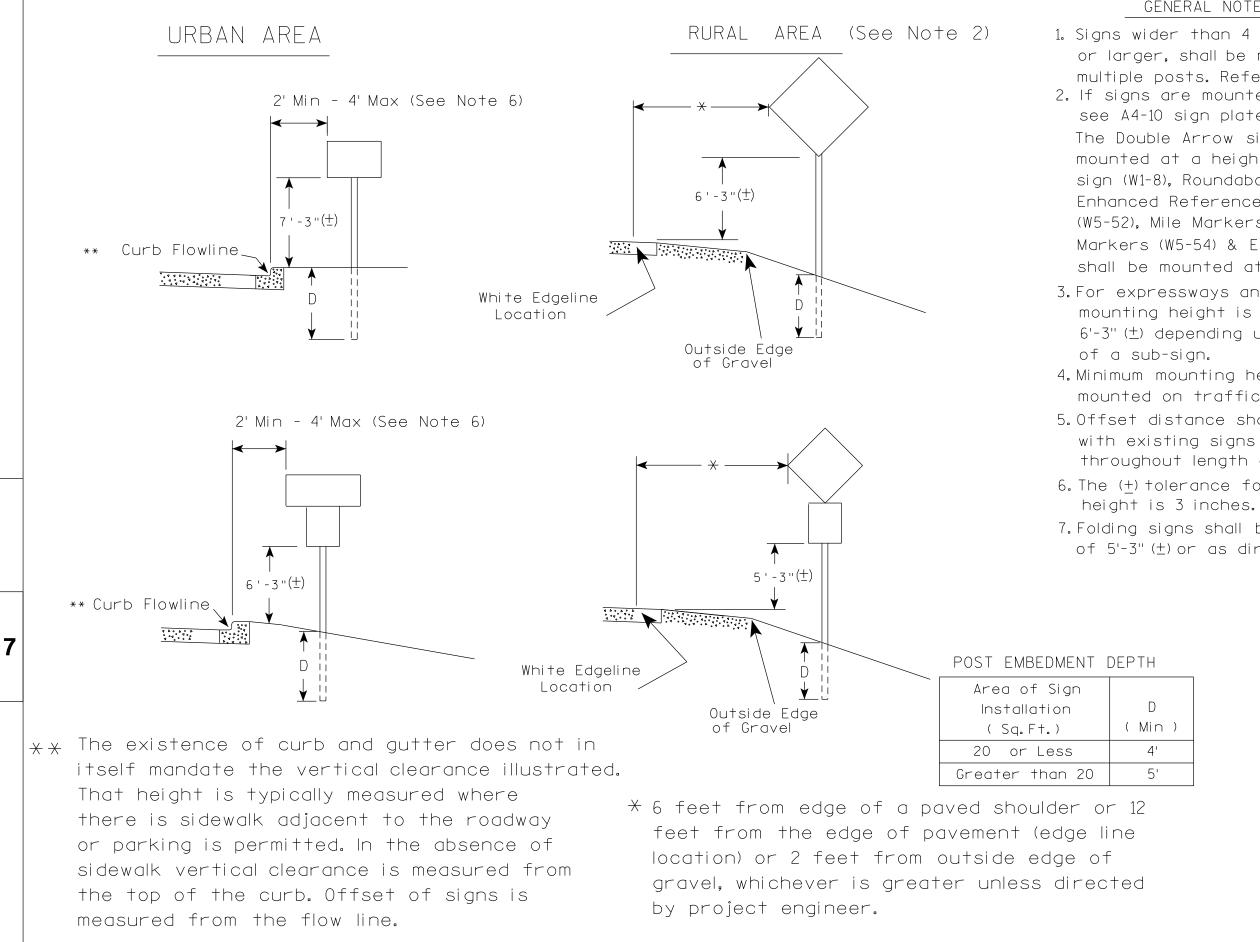


FILE NAME : C:\Users\Projects\tr_stdplate\A411.DGN

# GENERAL NOTES

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

	4	Хe	ô	WOO	DF	POST	
		MOD	IF	FICA	TI	SNC	
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	APPROVE	D		hester .	Γέ	Spang	
			tor	State Tr	affic Er	ngineer	
	DATE 3	/27/9	<u>17</u>	PLA	TE NO	<u>A4-11.2</u>	2
			9	SHEET	N0:		Ε
OT SCALE	E:6.20 <b>7</b> 33	8:1.0000	000	WISD	от/с	ADDS SHEE	т 42

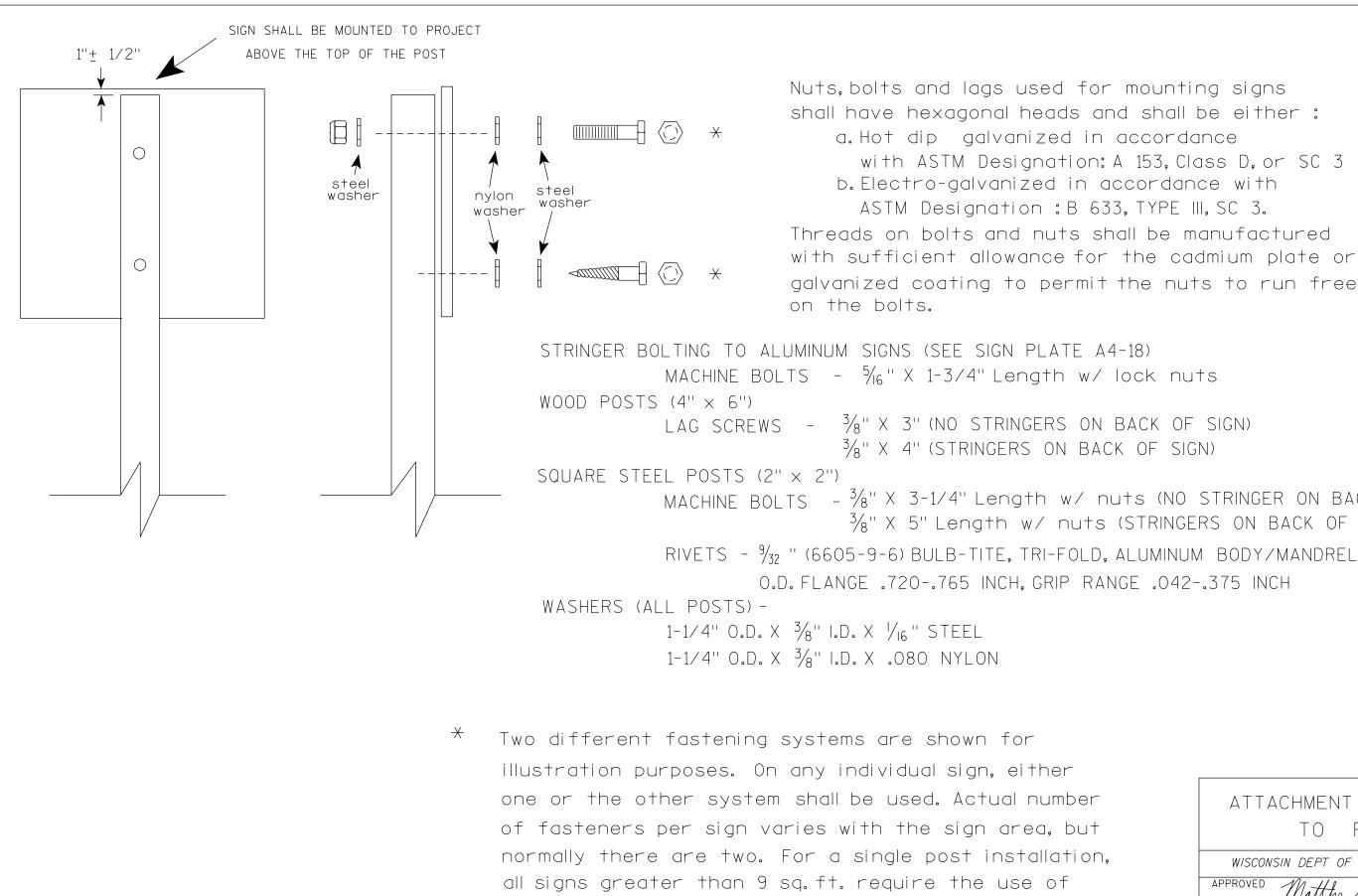


PROJECT NO:	HWY:	COUNTY:			
			DI AT DITE : 47 HUN 0000 4 0	DI OT DY IN IO	DLOT NAME -

### GENERAL NOTES

1. Signs wider than 4 feet or 20 sq.ft or larger, shall be mounted on multiple posts. Refer to plate A4-4. 2. If signs are mounted on or behind barrier wall. see A4-10 sian plate. The Double Arrow sign (W12-1D) shall be mounted at a height of  $2'-3''(\pm)$ . The Chevron sign (W1-8), Roundabout Chevron panel (R6-4B), Enhanced Reference Markers, Clearance Markers (W5-52). Mile Markers (D10 series). In Road Object Markers (W5-54) & End of Road Markers (W5-56) shall be mounted at a height of 4'-3'' (+). 3. For expressways and freeways, mounting height is 7'- 3" ( $\pm$ ) or  $6'-3''(\pm)$  depending upon existence 4. Minimum mounting height for signs mounted on traffic signal poles is 5' - 3'' (+). 5. Offset distance shall be consistent with existing signs or consistent throughout length of project. 6. The (+) tolerance for mounting 7. Folding signs shall be mounted at a height of 5'-3"  $(\pm)$  or as directd by the Engineer.

)	
	TYPICAL INSTALLATION
	OF PERMANENT TYPE II
	SIGNS ON SINGLE POSTS
	WISCONSIN DEPT OF TRANSPORTATION
	APPROVED Matthew & Rauch For state Traffic Engineer
	DATE <u>5/13/202</u> 0 PLATE NO. <u>44-3.22</u>
	SHEET NO: E
PLOT SCALE : \$\$	WISDOT/CADDS SHEET 42



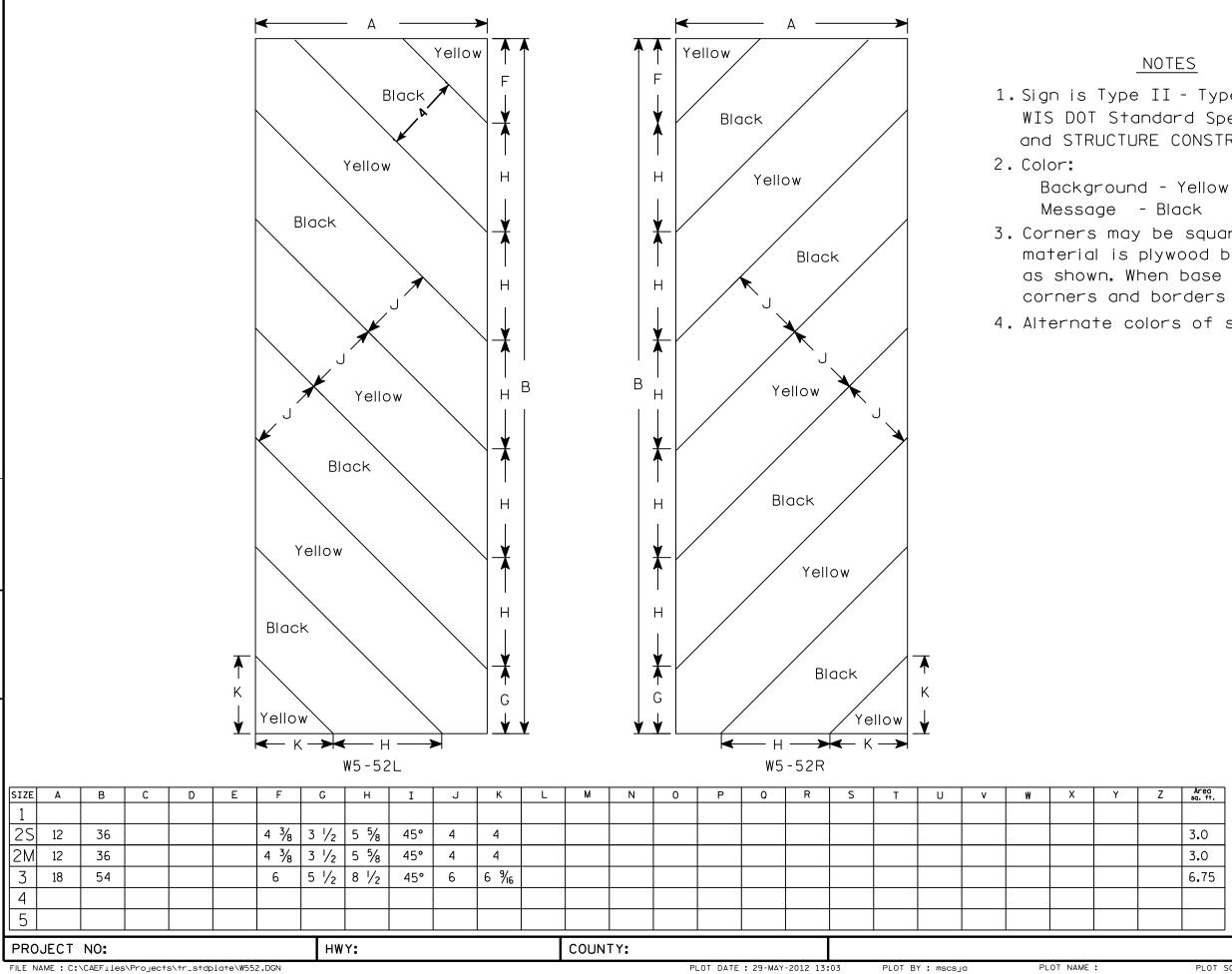
3 fasteners.

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

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

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

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



FILE NAME : C:\CAEFiles\Projects\tr_stdplate\W552.DGN

7

PLOT NAME :

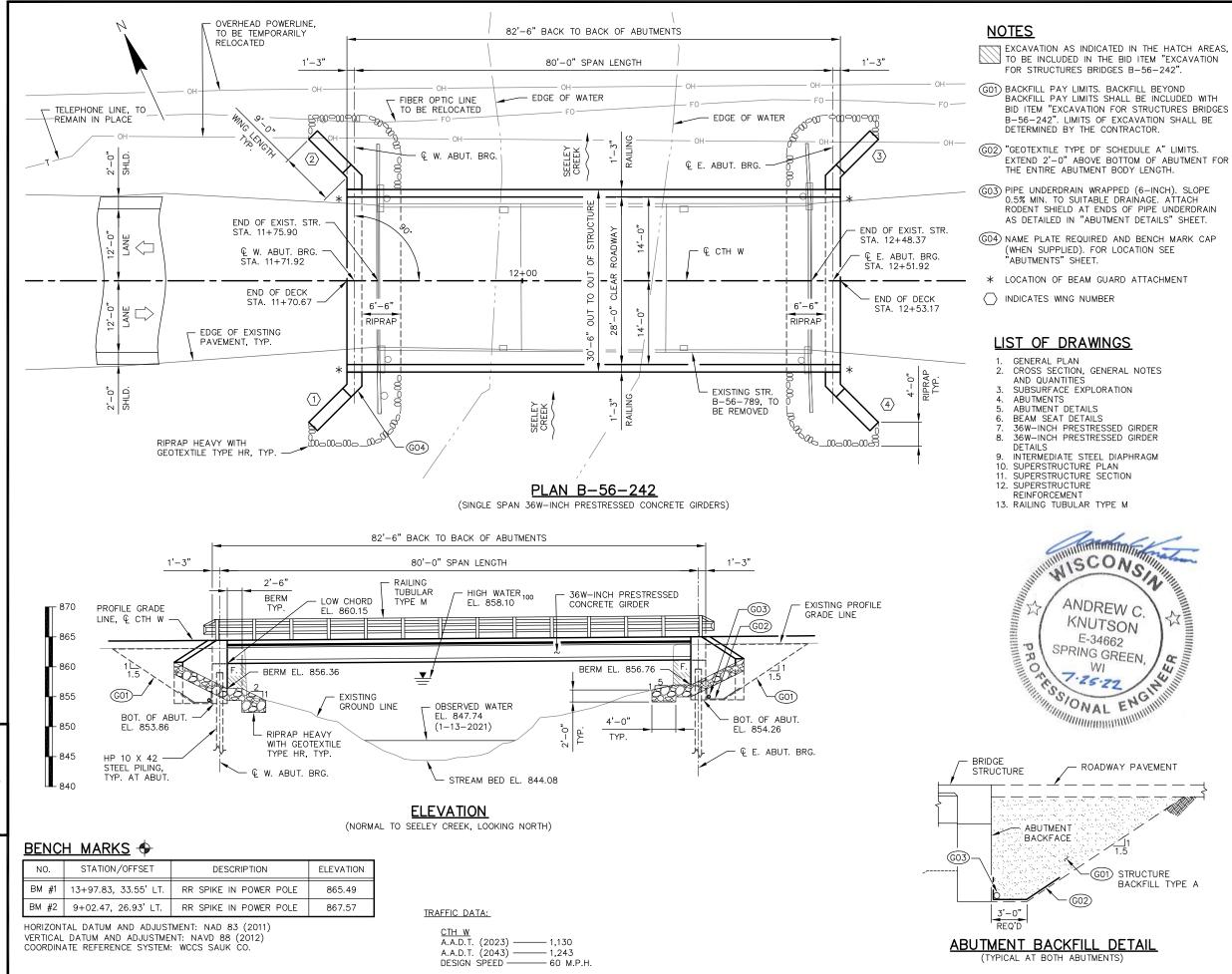
# NOTES

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

3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded. 4. Alternate colors of stripes as shown.

Z	Area sq. ft.	STANDARD SIGN
		W5-52L & W5-52R
	3.0	
	3.0	WISCONSIN DEPT OF TRANSPORTATION
	6.75	APPROVED Matthew R Rauch
		for State Traffic Engineer
		DATE 5/29/12 PLATE NO. W5-52.9
		SHEET NO: E
	PLOT	SCALE : 4.961899:1.000000 WISDOT/CADDS SHEET 42

PLOT DATE : 29-MAY-2012 13:03



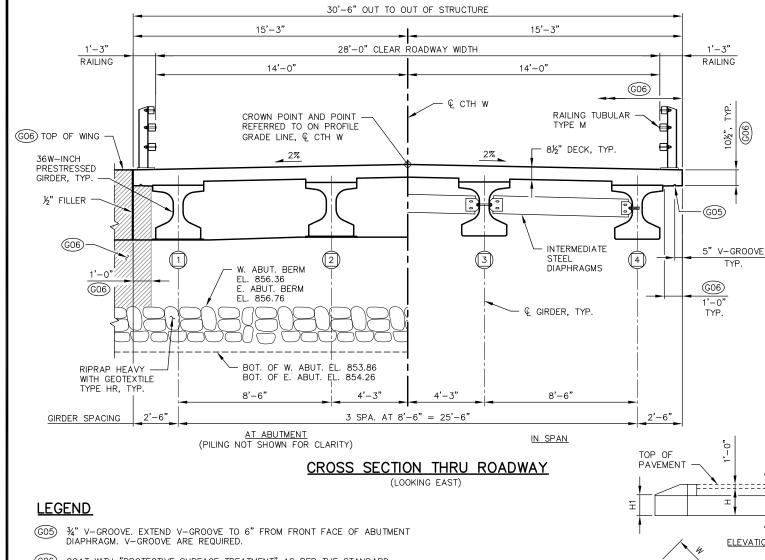
STATE PROJECT NUMBER

5976-00-75

# DESIGN DATA

LIVE LOAD:

LIVE LOAD.	
DESIGN LOADING — HL-93 INVENTORY RATING FACTOR — RF=1.27 OPERATING RATING FACTOR — RF=1.65 WISCONSIN STANDARD PERMIT VEHICLE RATING (WISSPV): — 250 KIPS	
STRUCTURE IS DESIGNED FOR A FUTURE WEARING SURFACE OF 20 POUNDS PER SQUARE FOOT.	
MATERIAL PROPERTIES:	
$\begin{array}{llllllllllllllllllllllllllllllllllll$	
FOUNDATION DATA:	
ABUTMENTS TO BE SUPPORTED ON HP 10 X 42 PILING DRIVEN TO A REQUIRED DRIVING RESISTANCE OF 160 TONS PER PILE** AT W. ABUT. AND 160 TONS PER PILE** AT E. ABUT. AS DETERMINED BY THE MODIFIED GATES DYNAMIC FORMULA. ESTIMATED 85 FT PILE LENGTHS AT W. ABUT. AND 75 FT PILE LENGTHS AT E. ABUT.	
**THE FACTORED AXIAL RESISTANCE OF PILES IN COMPRESSION USED FOR DESIGN IS THE REQUIRED DRIVING RESISTANCE MULTIPLIED BY A RESISTANCE FACTOR OF 0.5 USING MODIFIED GATES DYNAMIC FORMULA TO DETERMINE DRIVEN PILE CAPACITY.	
HYDRAULIC DATA:	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	
BRIDGE OFFICE CONTACTCONSULTANT CONTACTAARON BONK, P.E.ANDY KNUTSON, P.E., S.E.(608) 261-0261(608) 588-7866	
NO. DATE REVISION BY	┝─┓
WESTBROOK Associated Engineers, Inc.619 EAST HOXE STREET P.O. BOX 429 SPRING GREEN, WI 53588 PHONE (608) 588-7866 FAX (608) 588-7954	ß
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION ACCEPTED USE DESIGN ENGINEER 09/14/22 CHIEF STRUCTURES DESIGN ENGINEER	
STRUCTURE B-56-242	
CTH W OVER SEELEY CREEK	бмр
COUNTY SAUK TOWN/CHTY/AULLAGE FREEDOM FREEDOM	-gen
AASHTO LRFD DESIGN SPEC.	- 6
GENERAL PLAN	LE: B560242_01_gen.dwg .OT SCALE:
P76-00-75 PLOT DATE: Jul 25 2022	



GO6 COAT WITH "PROTECTIVE SURFACE TREATMENT" AS PER THE STANDARD SPECIFICATIONS. PROTECTIVE SURFACE TREATMENT TO BE APPLIED TO ENTIRE EXPOSED TOP OF DECK, INCLUDING THE DECK EDGES AND 1'-O" UNDER THE DECK, THE TOP AND EXTERIOR EXPOSED FACE OF WINGS, AND THE FRONT FACE OF THE ABUTMENTS AND CONCRETE DIAPHRAGMS TO 1'-O" PAST THE EDGE OF DECK.

(#) INDICATES GIRDER LINE DESIGNATION

### TOTAL ESTIMATED QUANTITIES

8

ITEM NO.	BID ITEMS	UNIT	W. ABUT.	E. ABUT.	SUPER.	TOTALS
203.0260	REMOVING STRUCTURE OVER WATERWAY MINIMAL DEBRIS B-56-789	EACH				1
206.1001	EXCAVATION FOR STRUCTURES BRIDGES B-56-242	EACH				1
210.1500	BACKFILL STRUCTURE TYPE A	TON	280	280		560
502.0100	CONCRETE MASONRY BRIDGES	CY	34.8	34.8	92.6	163
502.3200	PROTECTIVE SURFACE TREATMENT	SY	20	20	314	354
503.0137	PRESTRESSED GIRDER TYPE I 36W-INCH	LF			324	324
505.0400	BAR STEEL REINFORCEMENT HS STRUCTURES	LB	2,375	2,375		4,750
505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	LB	1,495	1,495	16,620	19,610
506.2605	BEARING PADS ELASTOMERIC NON-LAMINATED	EACH	4	4		8
506.4000	STEEL DIAPHRAGMS B-56-242	EACH			3	3
513.4061	RAILING TUBULAR TYPE M	LF			170	170
516.0500	RUBBERIZED MEMBRANE WATERPROOFING	SY	7	7		14
550.1100	PILING STEEL HP 10-INCH X 42 LB	LF	680	600		1,280
606.0300	RIPRAP HEAVY	CY	43	39		82
612.0406	PIPE UNDERDRAIN WRAPPED 6-INCH	LF	85	85		170
645.0111	GEOTEXTILE TYPE DF SCHEDULE A	SY	34	34		68
645.0120	GEOTEXTILE TYPE HR	SY	83	83		166
(NON-BID ITEM)	FILLER	SIZE				1/2"

### **GENERAL NOTES**

DRAWINGS SHALL NOT BE SCALED.

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

THE FIRST OR FIRST TWO DIGITS OF A FOUR DIGIT BAR MARK SIGNIFIES THE BAR SIZE.

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

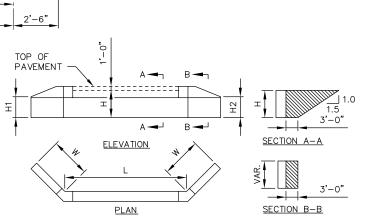
AT THE BACK FACE OF THE ABUTMENT ALL VOLUME WHICH CANNOT BE PLACED BEFORE ABUTMENT CONSTRUCTION AND IS NOT OCCUPIED BY THE NEW STRUCTURE SHALL BE BACKFILLED WITH BACKFILL STRUCTURE TYPE

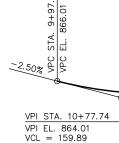
THE BACKFILL QUANTITIES ARE BASED ON THE PAY LIMITS SHOWN ON THE PLANS AND MAY NOT REFLECT ACTUAL PLACED QUANTITIES. "BACKFILL STRUCTURE TYPE A" REQUIRED DIRECTLY BEHIND ABUTMENTS AND ABUTMENT WINGS FOR 3 FEET. BACKFILL PLACED BEYOND PAY LIMITS OR EXCEEDING PLAN QUANTITIES SHALL BE INCLUDED WITH BID ITEM "EXCAVATION FOR STRUCTURES BRIDGES B-56-242"

EXCAVATION BELOW THE ABUTMENT AND ABUTMENT BEDDING MATERIALS REQUIRES ENGINEER APPROVAL. GEOTEXTILE SHALL BE SET AT THE BOTTOM OF EXCAVATION AND EXTEND 2'-0" ABOVE BOTTOM OF ABUTMENT

DO NOT PLACE FILL ABOVE 3'-0" FROM BOTTOM OF ABUTMENT UNTIL SUPERSTRUCTURE IS IN PLACE.

AT SUBSTRUCTURES, CONCRETE POURED UNDER WATER WILL BE ALLOWED AND SHALL BE DONE IN ACCORDANCE WITH SECTION 502.3.5.3 OF THE STANDARD SPECIFICATIONS.



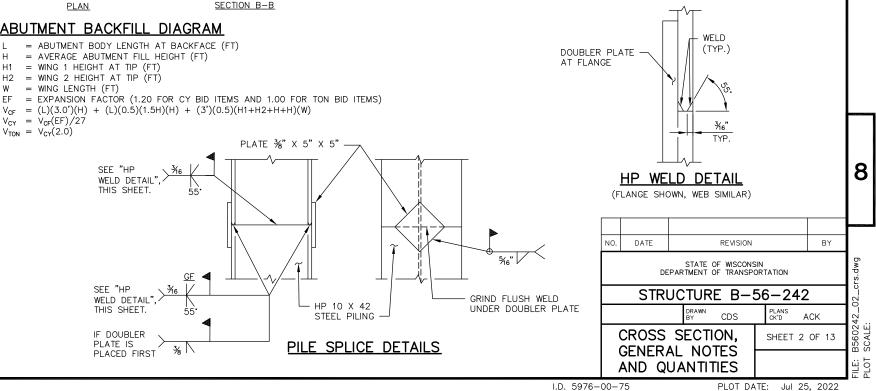


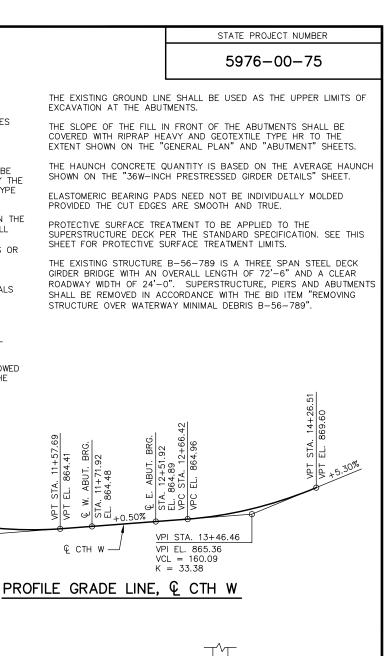
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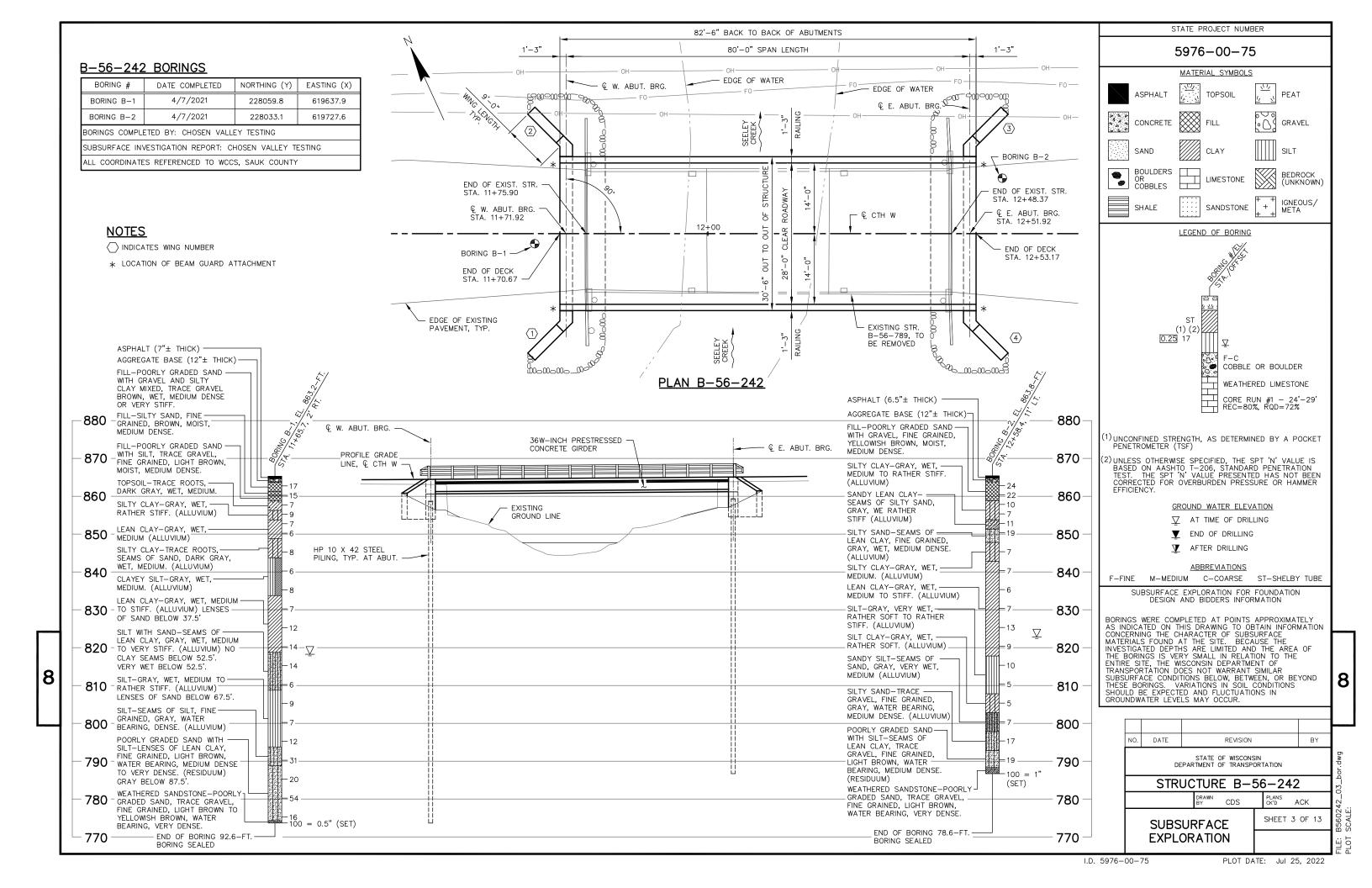


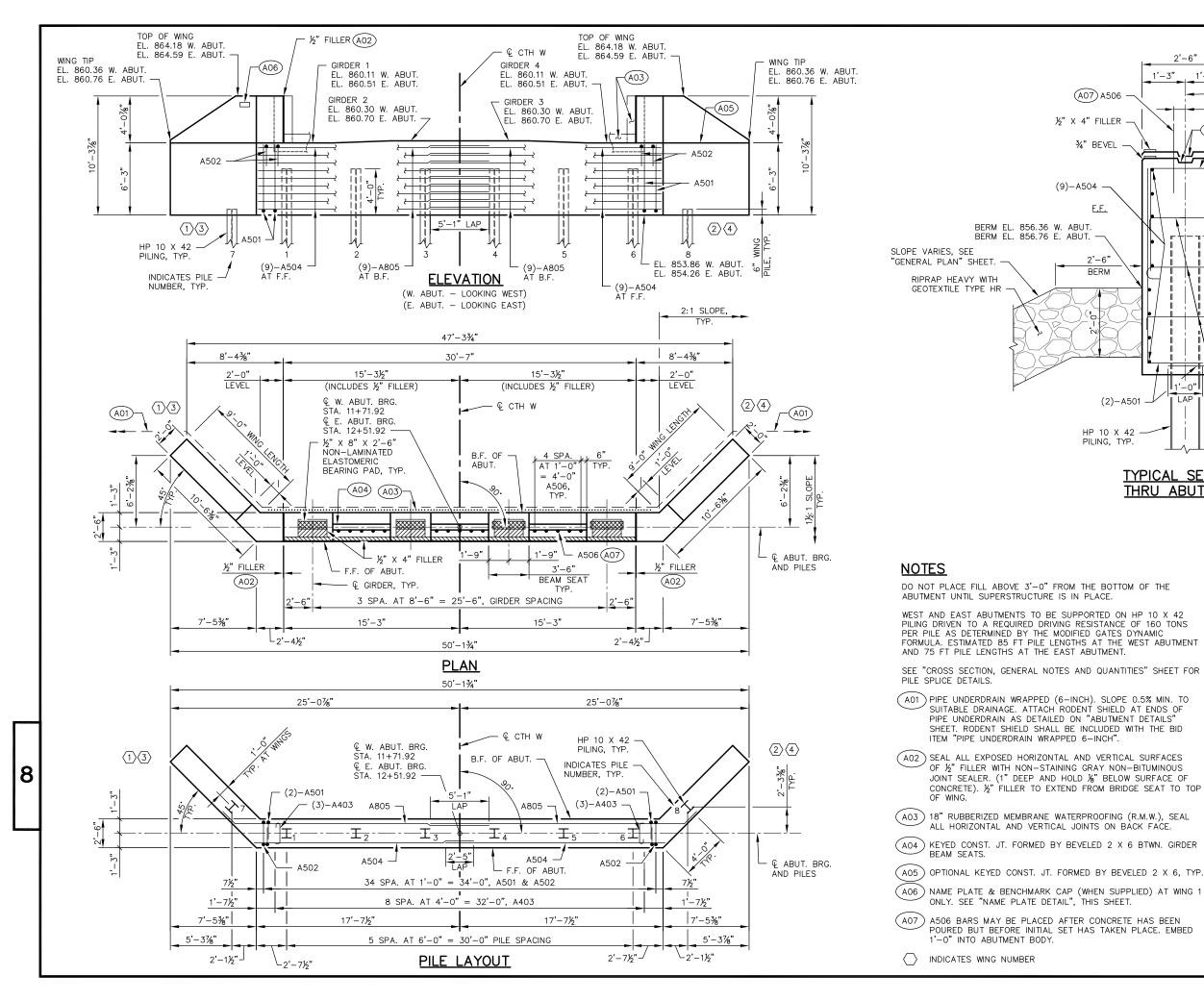
### ABUTMENT BACKFILL DIAGRAM

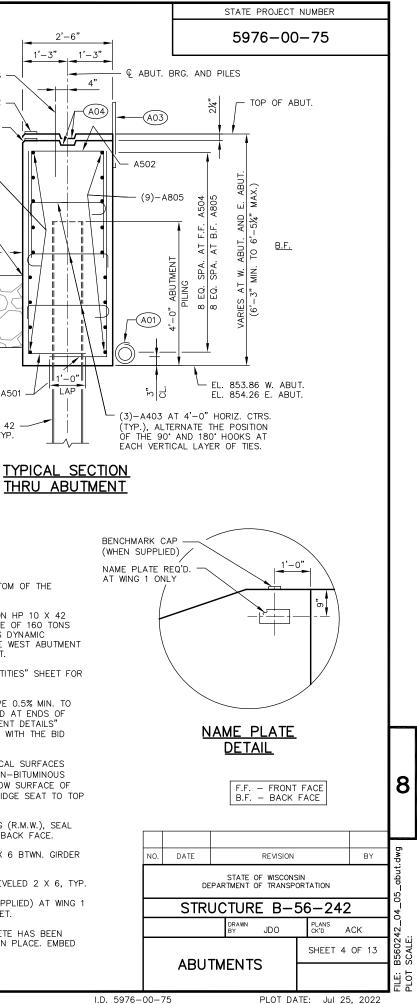
- = ABUTMENT BODY LENGTH AT BACKFACE (FT)
- = AVERAGE ABUTMENT FILL HEIGHT (FT)
- H1 = WING 1 HEIGHT AT TIP (FT)
- = WING 2 HEIGHT AT TIP (FT) H2
- W = WING LENGTH (FT)
- EF
- $V_{CY} = V_{CF}(EF)/27$
- $V_{TON} = V_{CY}(2.0)$

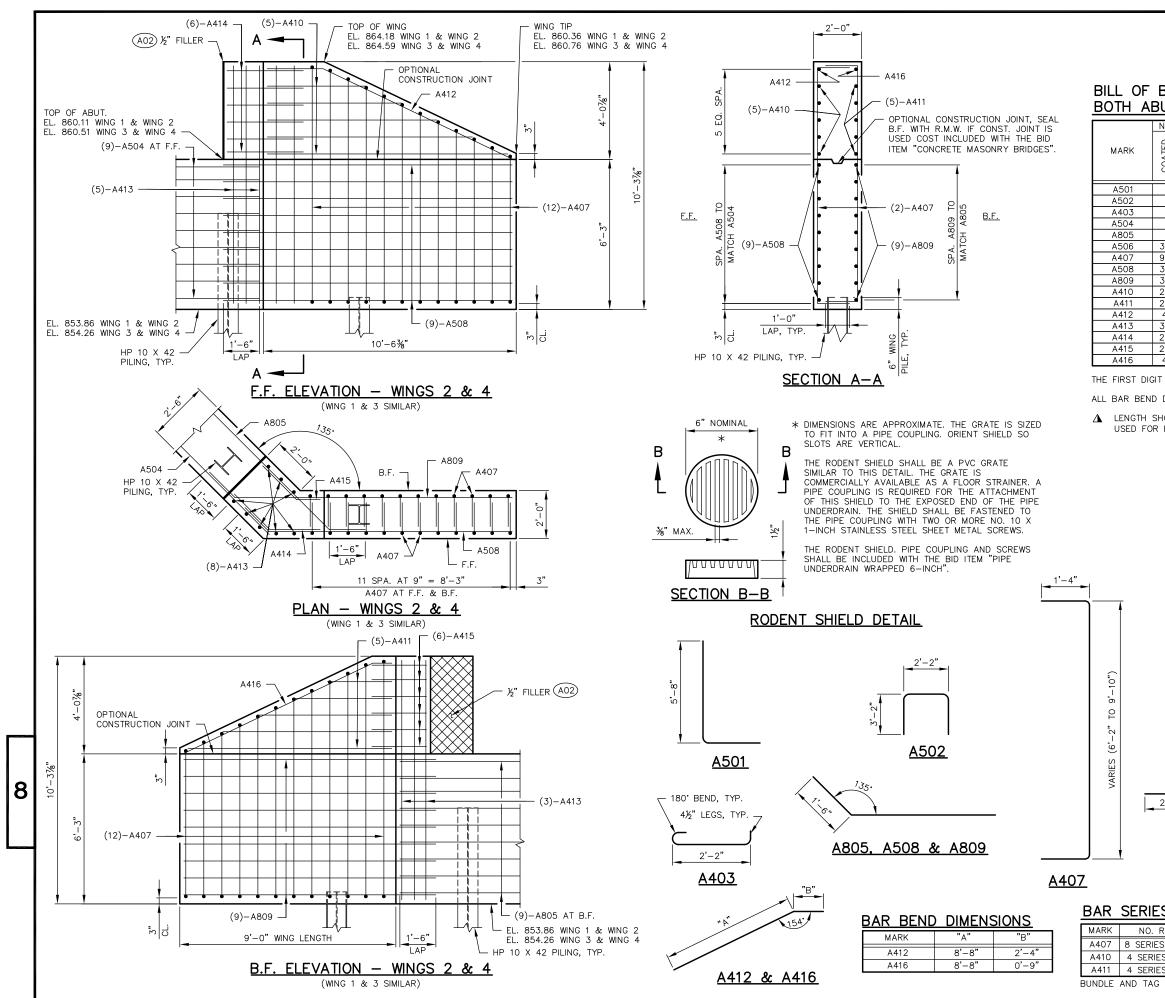








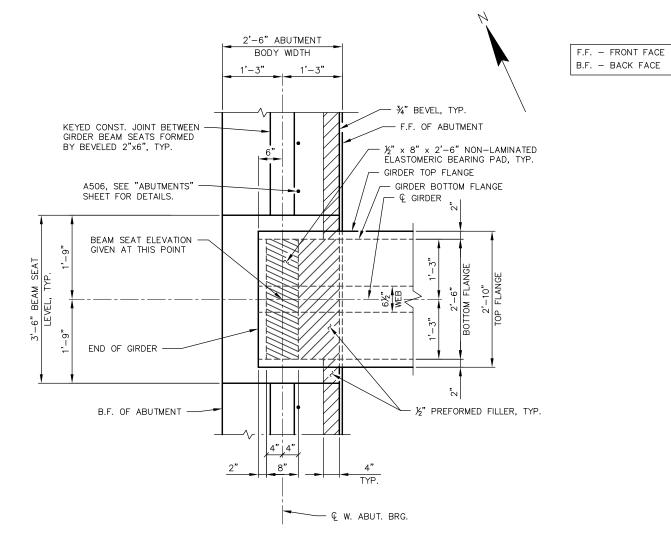




STATE PROJECT NUMBER

5976-00-75

							29/6-	-00	-/5			
BA BUT		NTS					OATED = OATED =					
COATED Z		LENGTH	BENT	BAR SERIES			LOCATION					
	140	7'-2"	X		BODY - S	STIRRUP -	F.F. & B.F.	-		V	ERT.	
	70	8'-3"	X			STIRRUP -					ERT.	
	54	3'-1"	X		BODY - 1						DRIZ.	
	36	18'-11"			BODY - F	F.F.				НC	DRIZ.	
	36	23'-8"	Х		BODY — E	3.F.				НC	DRIZ.	
30		2'-0"				TOP DOWEL					ERT.	
96		10'-6"	X				STIRRUP -	F.F. 8	k B.F.		ERT.	
36		11'-9"	X			THRU 4 –					DRIZ.	
36 20		13'-2" 7'-1"	X			THRU 4 – THRU 4 –					DRIZ. DRIZ.	
20		5'-7"				THRU 4 $-$					DRIZ.	
4		11'-0"	X				F.F TOP				DRIZ.	
32		9'-10"					F.F. & B.F.				ERT.	
24		4'-2"	X				F.F. CORNER	2			DRIZ.	
24		2'-9"	X		WINGS 1 1	THRU 4 -	B.F. CORNER	2		HC	DRIZ.	
4		9'-5"	X		WINGS 1 1	THRU 4 -	B.F. – TOP			HC	DRIZ.	
		AR MARK :										
DIM	ENSIO	NS ARE O	JT T	0 0	JT OF BAR	R.						
ном		RARISA		VER	AGE LENG	TH AND SI	HOULD ONLY	BE				
							TABLE" FOR		AL LEN	GTHS		
	лот	Ē										
Ī	TON	<u>L</u> 3										
		)T PLACE F SUPERSTR					BOTTOM OF	THE	ABUTME	ΝT		
T	TO A BY TH	REQUIRED E MODIFIED	DRIV ) GA	'ING TES	RESISTANO DYNAMIC	CE OF 160 FORMULA.	ED ON HP 10 TONS PER F ESTIMATED &	PILE / 85 FT	AS DETE PILE L	RMIN ENGT	IED HS	
ç	SEE "(						QUANTITIES"					
Ģ	A02	FILLER WIT (1" DEEP	Ή Ν AND	ON- HOL	STAINING .D %" BEL	GRAY NON OW SURFA	VERTICAL SU I-BITUMINOUS CE OF CONCI P OF WING.	S JOIN	IT SEAL	ĒR.		
11"	3" A4 A419 <b>414</b>	$\frac{135}{14}$		A A A	> >			ONT F				8
										-+		Ð
					NO.	DATE	REV	/ISION			ΒY	.dv
						DEP	STATE OF WI					B560242_04_05_abut.dwg SCALE:
S	TAE	BLE				CTDU		<u> </u>	56 0	10		-05
			TI 1	_		21KU		3-3	56-2	<del>4</del> 2		6
REQ		LENG					DRAWN BY JDO	0	PLANS CK'D	AC	CK	2
S 0		8'-8" TO					1		0.00		- • •	ы 24
ES O			10'-						SHEE	50	DF 13	B560 SCAL
ES O		2'-8" TO	8'–	-	ABL	JTMEN	T DETAI	LS				мщ
EA	CH SE	ERIES SEPA	RAT	ELY.				-				FILE: PLOT
												. 문 목
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# ABUTMENT BEAM SEAT DETAIL

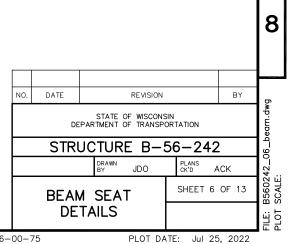
(WEST ABUTMENT SHOWN, EAST ABUTMENT SIMILAR)

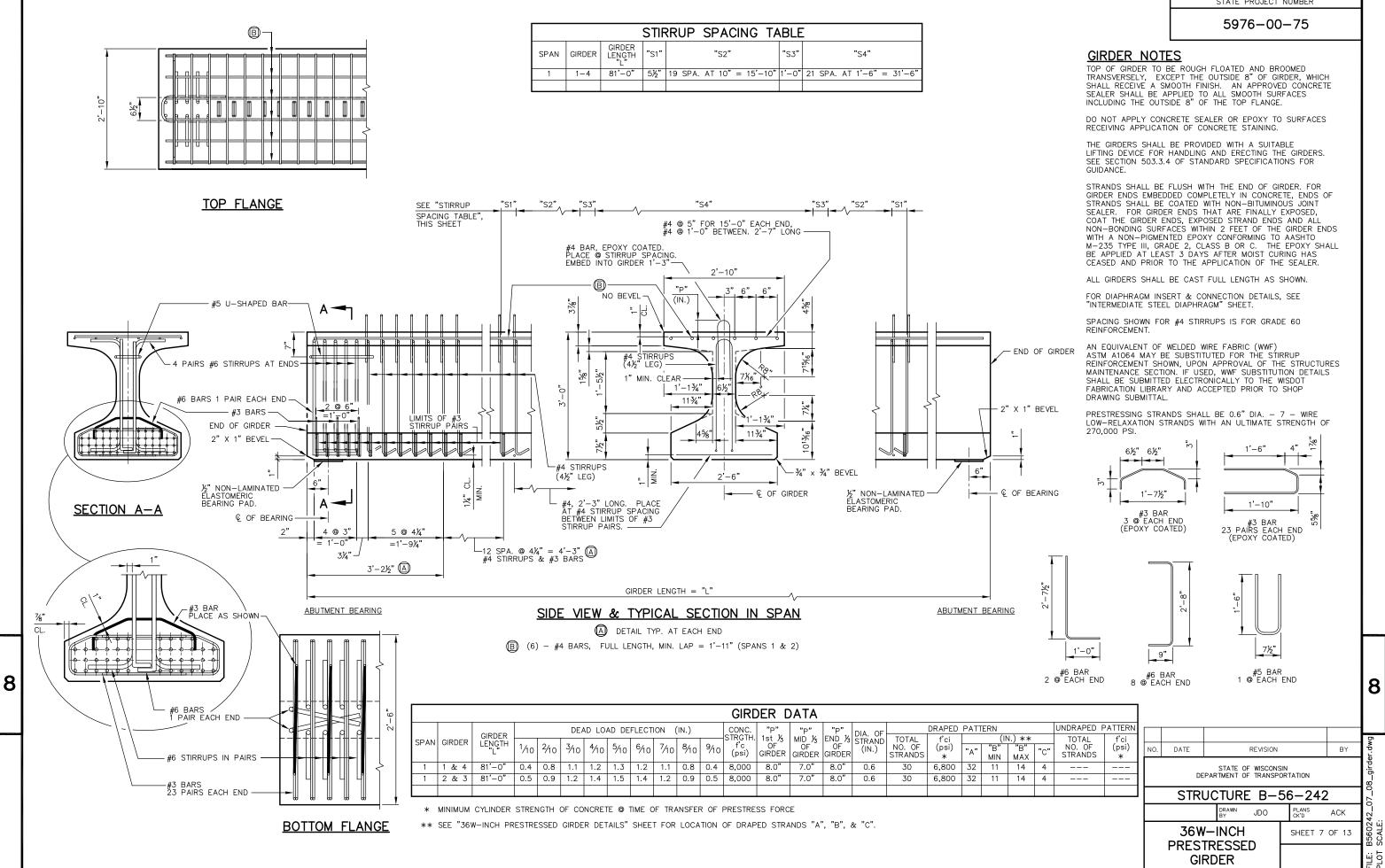
### TOP OF DECK ELEVATIONS

<u>SPAN 1</u>											
	€ W. ABUT. BRG.	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	€ E. ABUT. BRG.
N. DECK EDGE	864.18	864.22	864.26	864.30	864.34	864.38	864.42	864.47	864.51	864.55	864.59
GIRDER 1	864.23	864.27	864.31	864.35	864.39	864.43	864.47	864.52	864.56	864.60	864.64
GIRDER 2	864.40	864.44	864.48	864.52	864.56	864.60	864.64	864.69	864.73	864.77	864.81
CROWN POINT	864.48	864.52	864.56	864.60	864.64	864.68	864.72	864.77	864.81	864.85	864.89
GIRDER 3	864.40	864.44	864.48	864.52	864.56	864.60	864.64	864.69	864.73	864.77	864.81
GIRDER 4	864.23	864.27	864.31	864.35	864.39	864.43	864.47	864.52	864.56	864.60	864.64
S. DECK EDGE	864.18	864.22	864.26	864.30	864.34	864.38	864.42	864.47	864.51	864.55	864.59

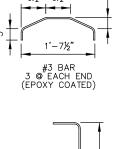
STATE PROJECT NUMBER

# 5976-00-75

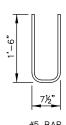


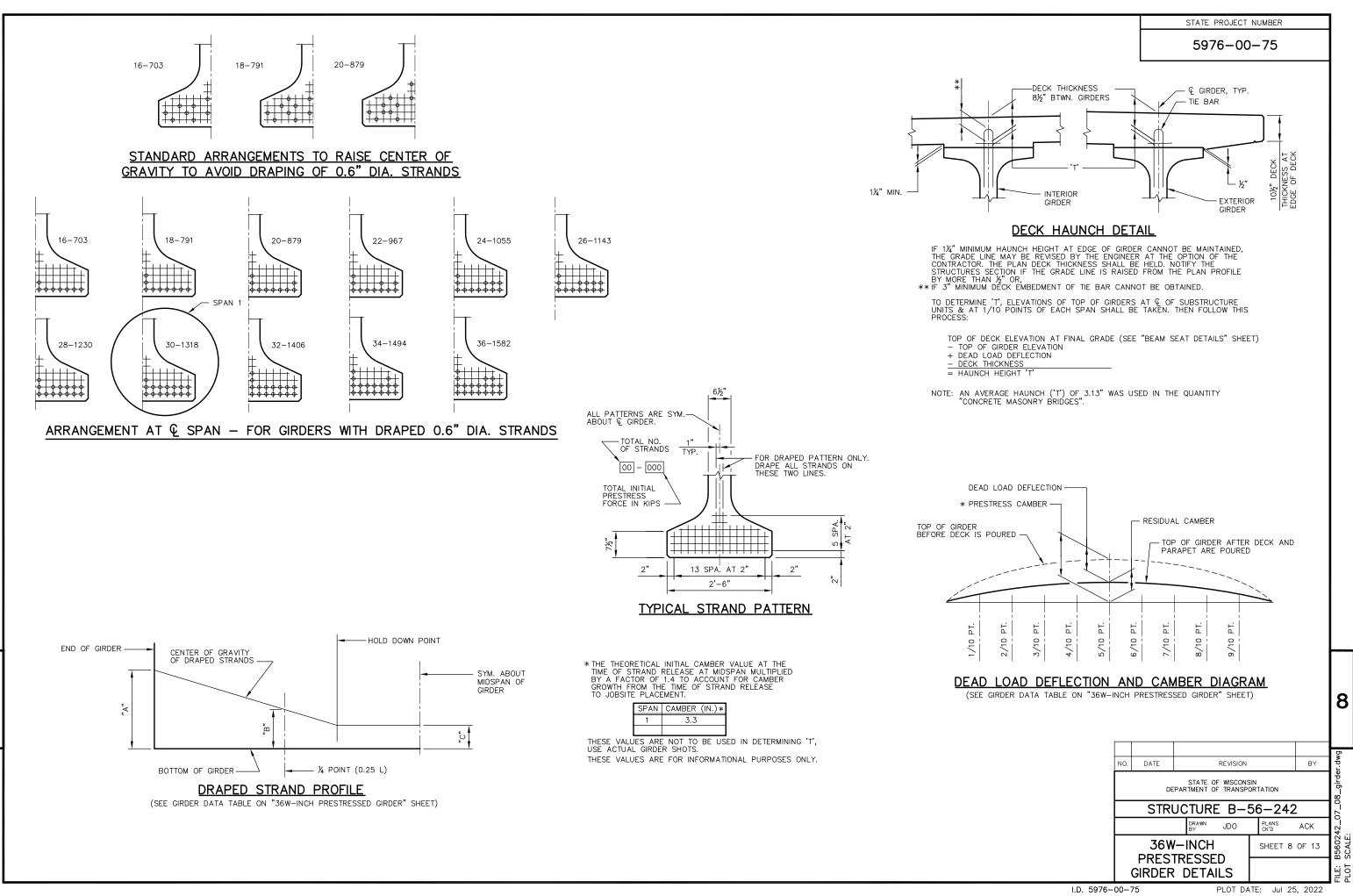


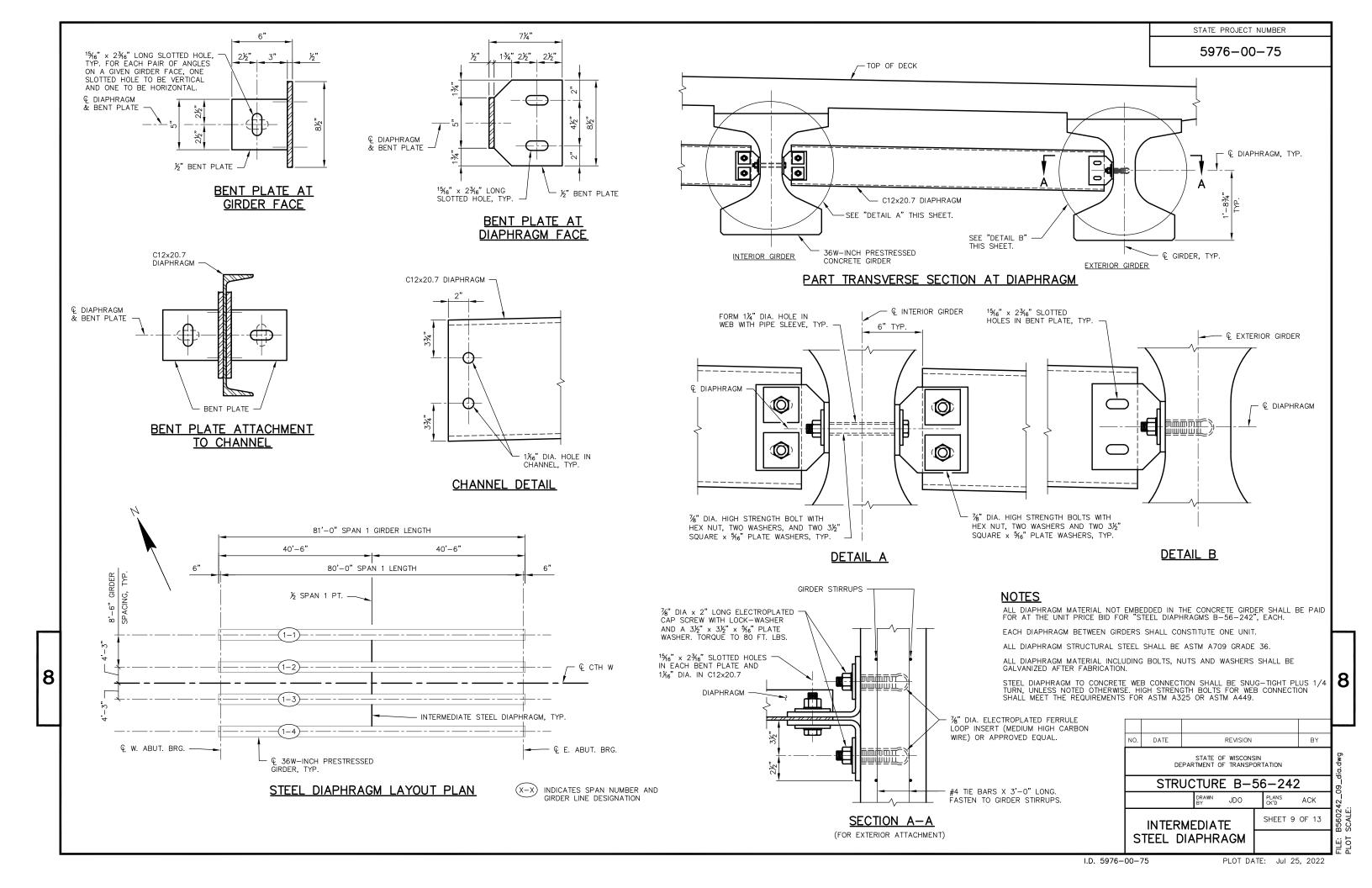
STATE PROJECT NUMBER

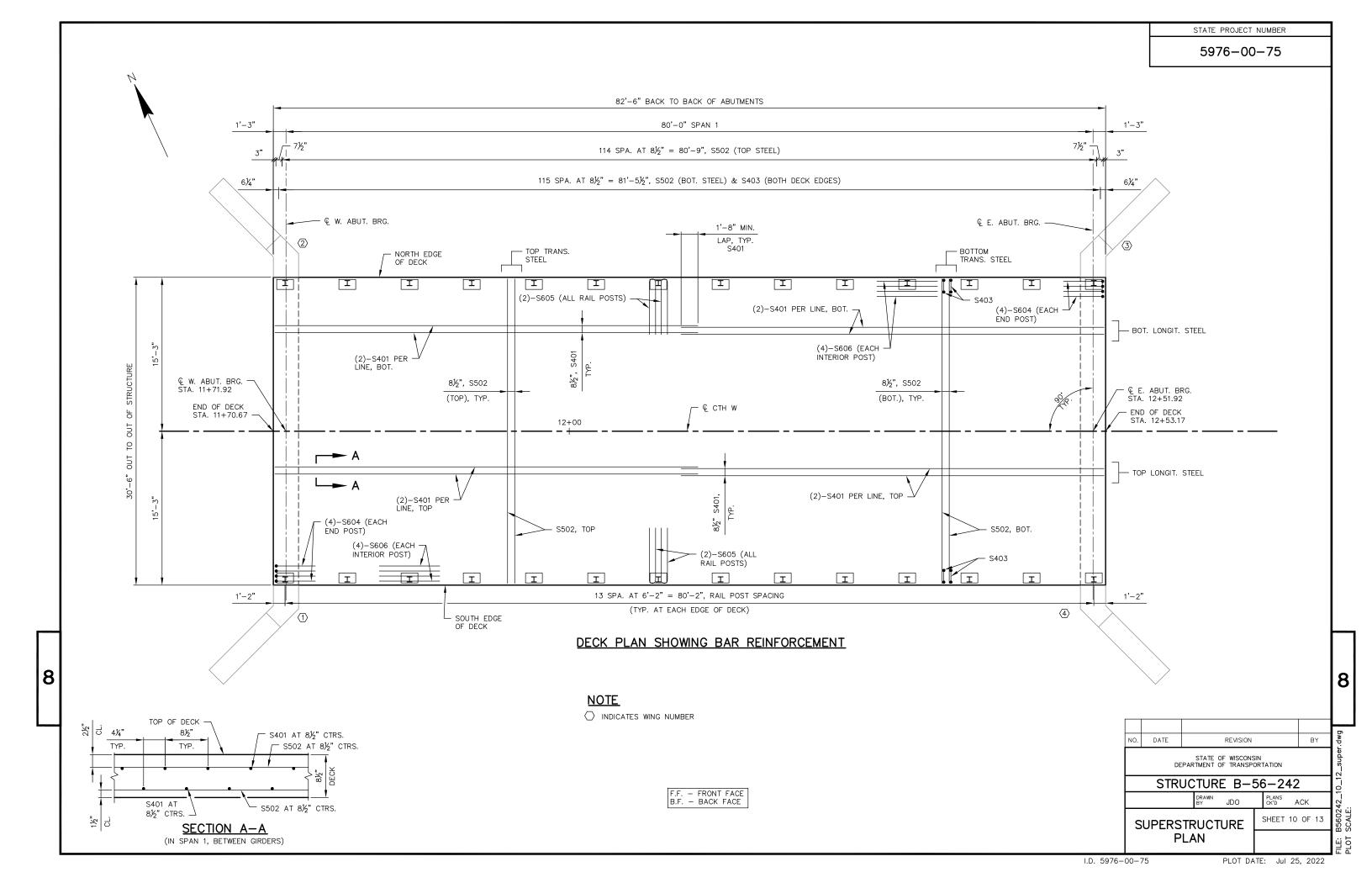


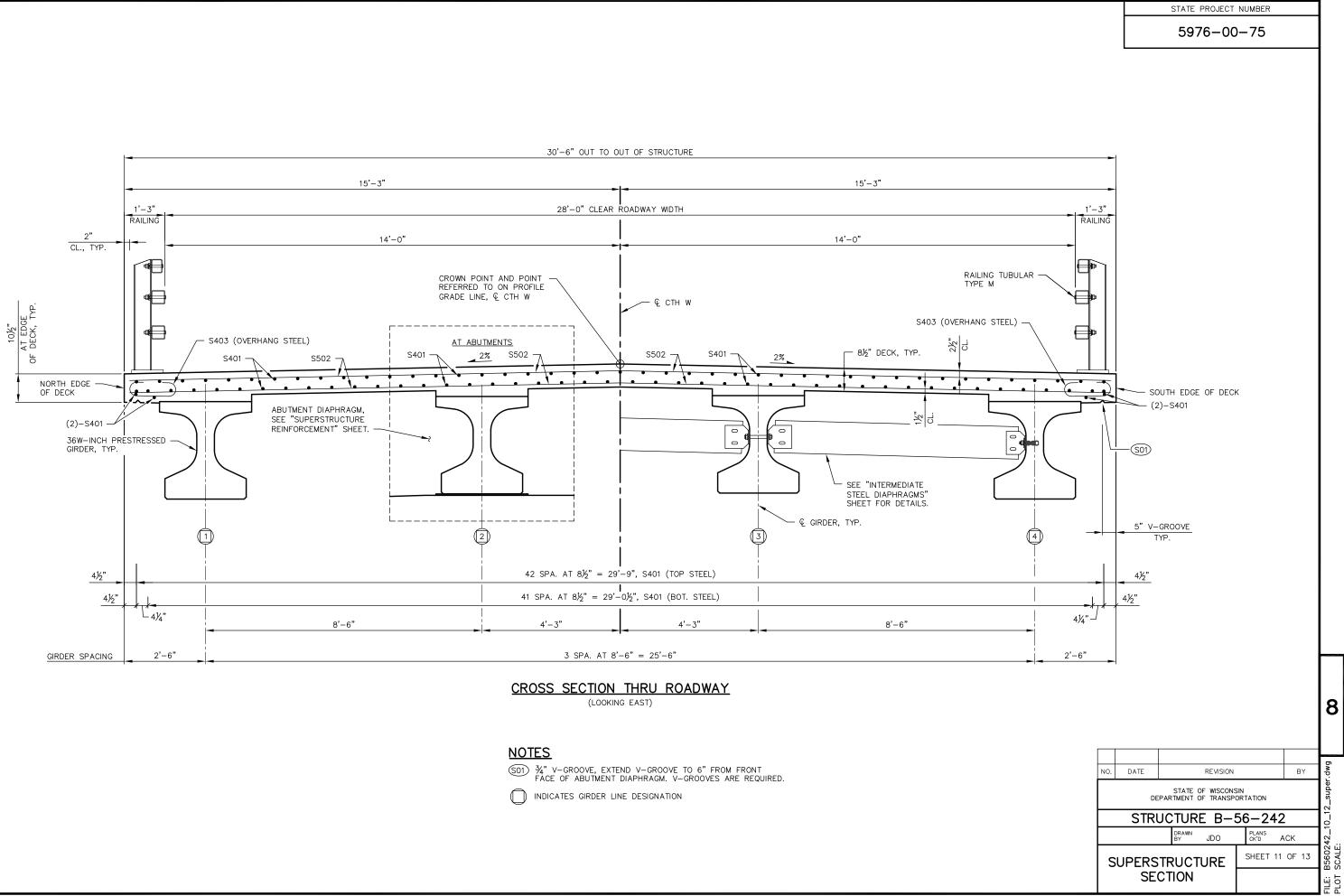






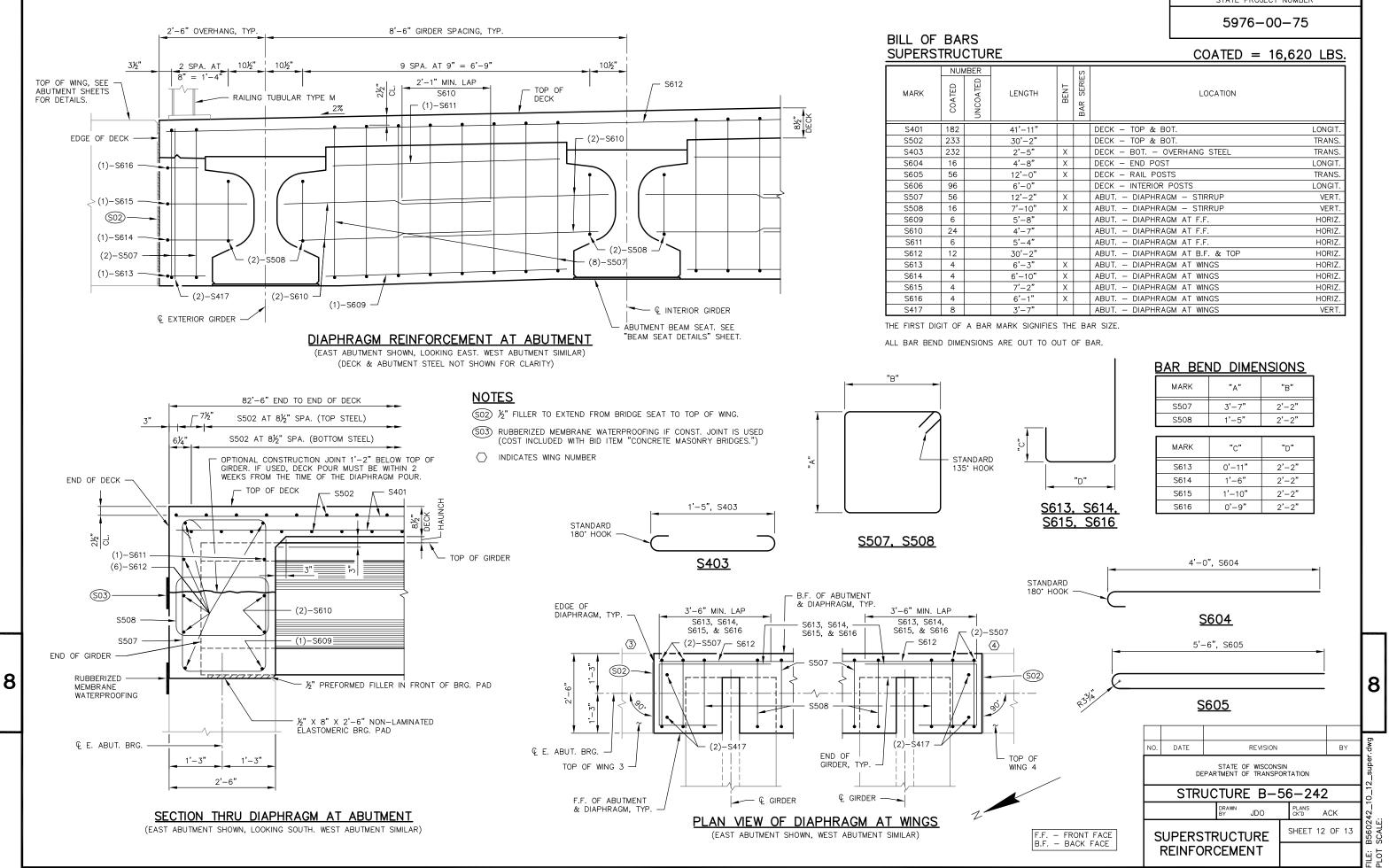






I.D. 5976-00-75

PLOT DATE: Jul 25, 2022

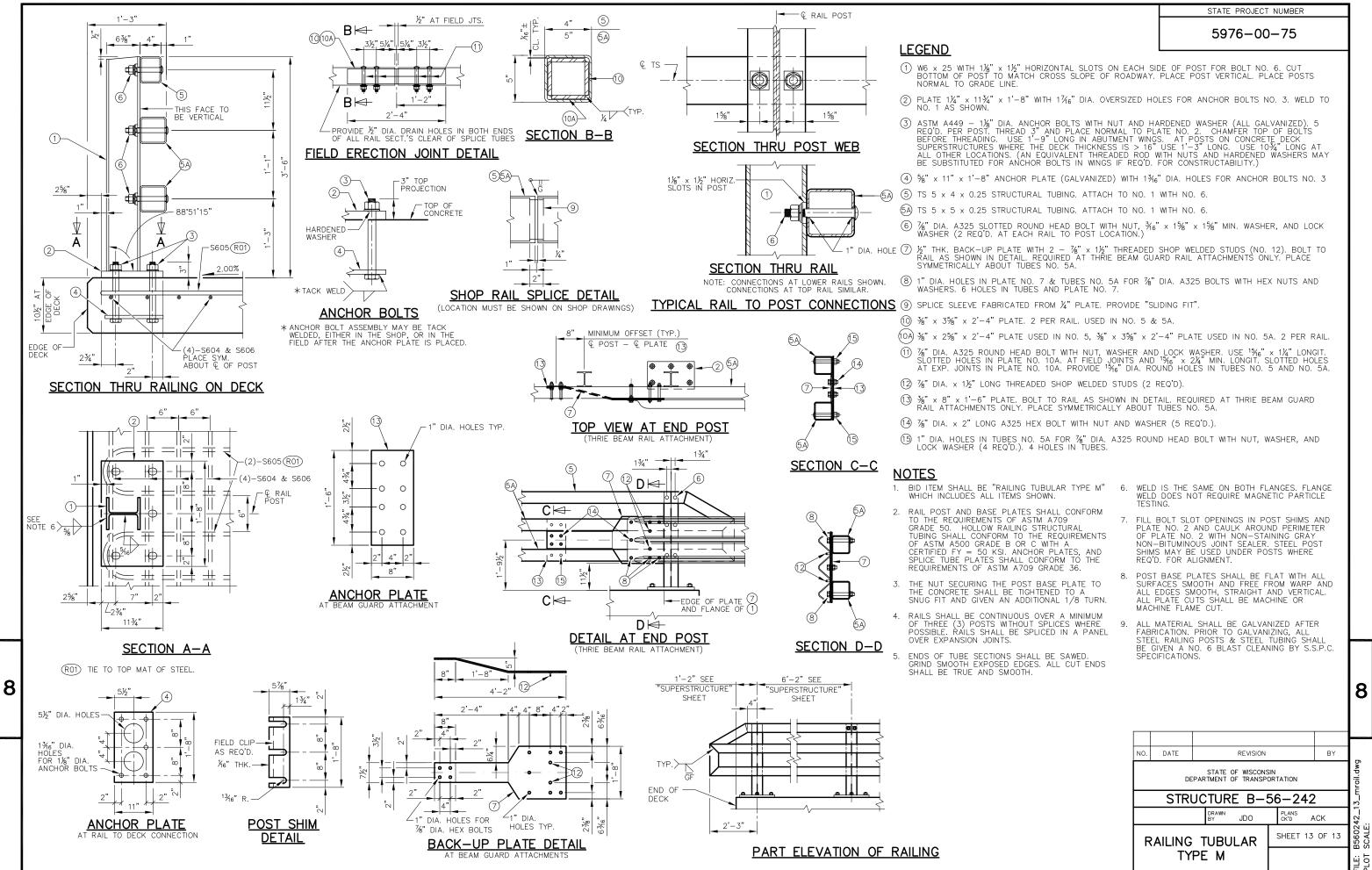


STATE PROJECT NUMBER

NGTH	BENT	BAR SERIES	LOCATION	
		<u> </u>		
'—11"			DECK - TOP & BOT.	LONGIT.
)'-2"			DECK – TOP & BOT.	TRANS.
-5"	X		DECK – BOT. – OVERHANG STEEL	TRANS.
-8"	X		DECK - END POST	LONGIT.
'-0"	X		DECK – RAIL POSTS	TRANS.
-0"			DECK - INTERIOR POSTS	LONGIT.
·	X		ABUT. – DIAPHRAGM – STIRRUP	VERT.
-10"	X		ABUT. – DIAPHRAGM – STIRRUP	VERT.
-8"			ABUT. – DIAPHRAGM AT F.F.	HORIZ.
'-7"			ABUT. – DIAPHRAGM AT F.F.	HORIZ.
′-4"			ABUT. – DIAPHRAGM AT F.F.	HORIZ.
)'-2"			ABUT. – DIAPHRAGM AT B.F. & TOP	HORIZ.
'-3"	X		ABUT. – DIAPHRAGM AT WINGS	HORIZ.
-10"	X		ABUT. – DIAPHRAGM AT WINGS	HORIZ.
-2"	X		ABUT. – DIAPHRAGM AT WINGS	HORIZ.
'−1"	X		ABUT. – DIAPHRAGM AT WINGS	HORIZ.
<b>'</b> -7"			ABUT. – DIAPHRAGM AT WINGS	VERT.

MARK	"A"	"В"			
S507	3'-7"	2'-2"			
S508	1'-5"	2'-2"			
MARK	"C"	"D"			
S613	0'-11"	2'-2"			
S614	1'-6"	2'-2"			
S615	1'-10"	2'-2"			
S616	0'-9"	2'-2"			

I.D. 5976-00-75



PLOT DATE: Jul 25, 2022

STATION	DISTANCE	AREA (SF)			INCREM	IENTAL VOL (CY) (UNADJ	CUMUL			
		CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT Note 1	SALVAGED/UNUSABLE PAVEMENT MATERIAL Note 2	FILL Note 3	CUT 1.00 Note 1	EXPANDED FILL 1.25	MASS ORDINATE Note 4
09+96.00	-	56.83	16.37	1.26	0	0	0	0	0	0
10+00.00	4.00	55.29	16.36	8.85	8	2	1	8	1	5
10+50.00	50.00	36.95	16.36	53.84	85	30	58	93	74	-12
10+80.69	30.69	24.76	16.38	77.82	35	19	75	128	168	-90
11+00.00	19.31	19.69	16.17	64.10	16	12	51	144	231	-150
11+05.67	5.67	19.57	16.09	63.01	4	3	13	148	248	-165
11+30.65	24.98	16.93	15.41	94.65	17	15	73	165	339	-254
11+50.00	19.35	16.20	14.66	124.40	12	11	78	177	436	-351
11+64.30	14.30	14.56	13.66	157.51	8	7	75	185	530	-443
11+64.31	0.01	14.60	13.66	26.16	0	0	0	185	530	-443
11+70.67	6.37	13.78	13.21	4.94	3	3	4	188	535	-448
				ST	RUCTURE	B-56-0242				
DIVISION 1 TOTALS				188	102	428				

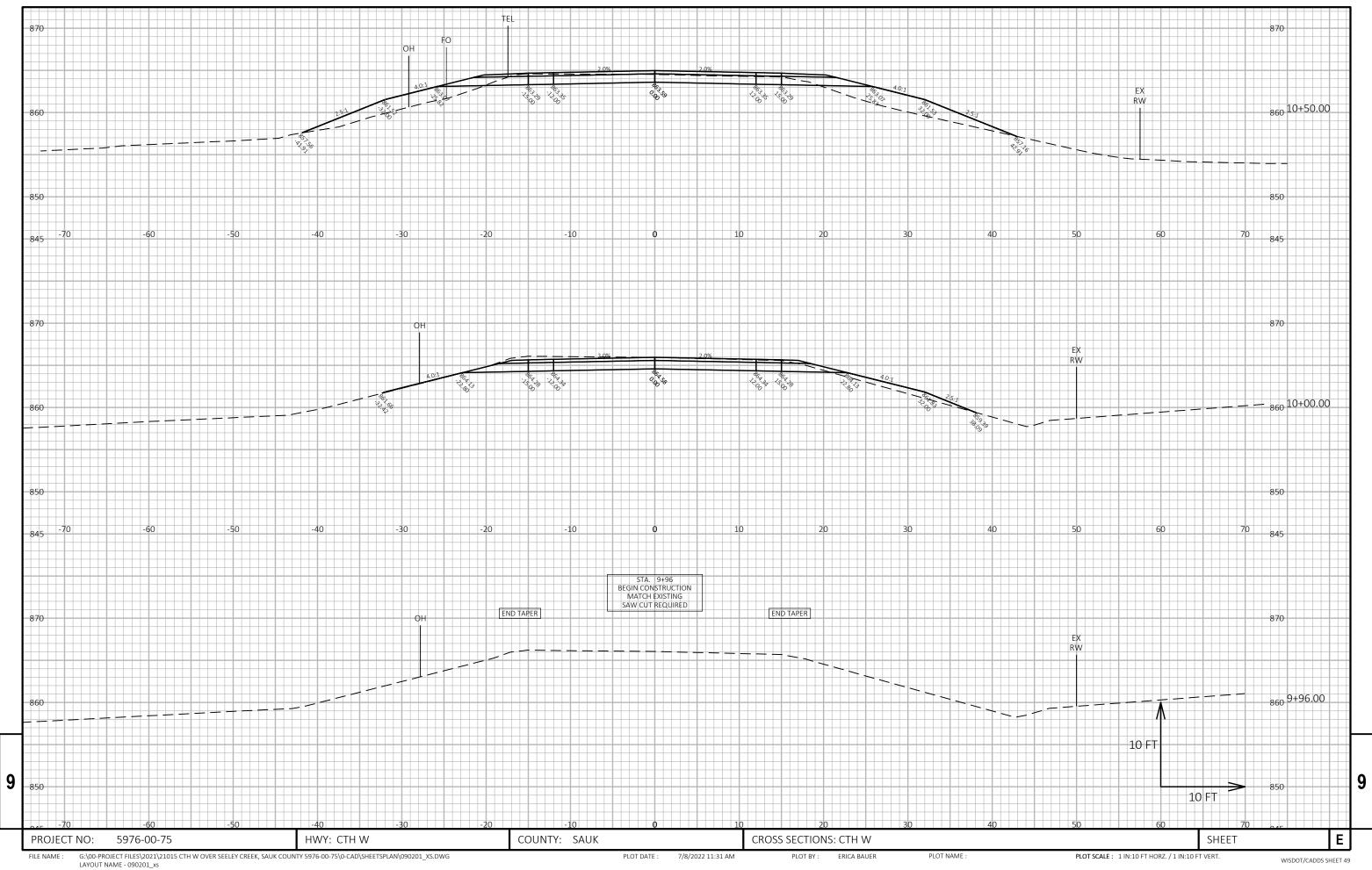
		AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMUI			
STATION	DISTANCE	СИТ	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT Note 1	SALVAGED/UNUSABLE PAVEMENT MATERIAL Note 2	FILL Note 3	CUT 1.00 Note 1	EXPANDED FILL 1.25	MASS ORDINATE Note 4	
				ST	RUCTURE	B-56-0242					
12+53.17	-	14.57	13.68	3.54	0	0	0	0	0	0	
12+59.54	6.37	15.42	14.25	25.68	4	3	3	4	4	-3	
12+59.55	0.01	15.41	14.25	132.33	0	0	0	4	4	-3	
12+93.19	33.64	19.72	16.22	35.01	22	19	104	26	134	-130	
13+00.00	6.81	21.01	16.09	33.48	5	4	9	31	145	-140	
13+18.17	18.17	26.65	16.52	32.48	16	11	22	47	173	-163	
13+43.16	24.99	31.24	16.52	44.13	27	15	35	74	216	-195	
13+50.00	6.84	32.87	16.52	43.61	8	4	11	82	230	-204	
14+00.00	50.00	47.91	16.40	24.94	75	30	63	157	309	-238	
14+28.99	28.99	56.34	16.36	14.97	56	18	21	213	335	-227	
14+29.00	0.01	7.14	0.00	13.42	0	0	0	213	335	-227	
14+38.89	9.89	3.84	0.00	0.34	2	0	3	215	339	-228	
	DIVISION 2 TOTALS		215	104	271						
			PROJECT TOTALS		403	206	699				

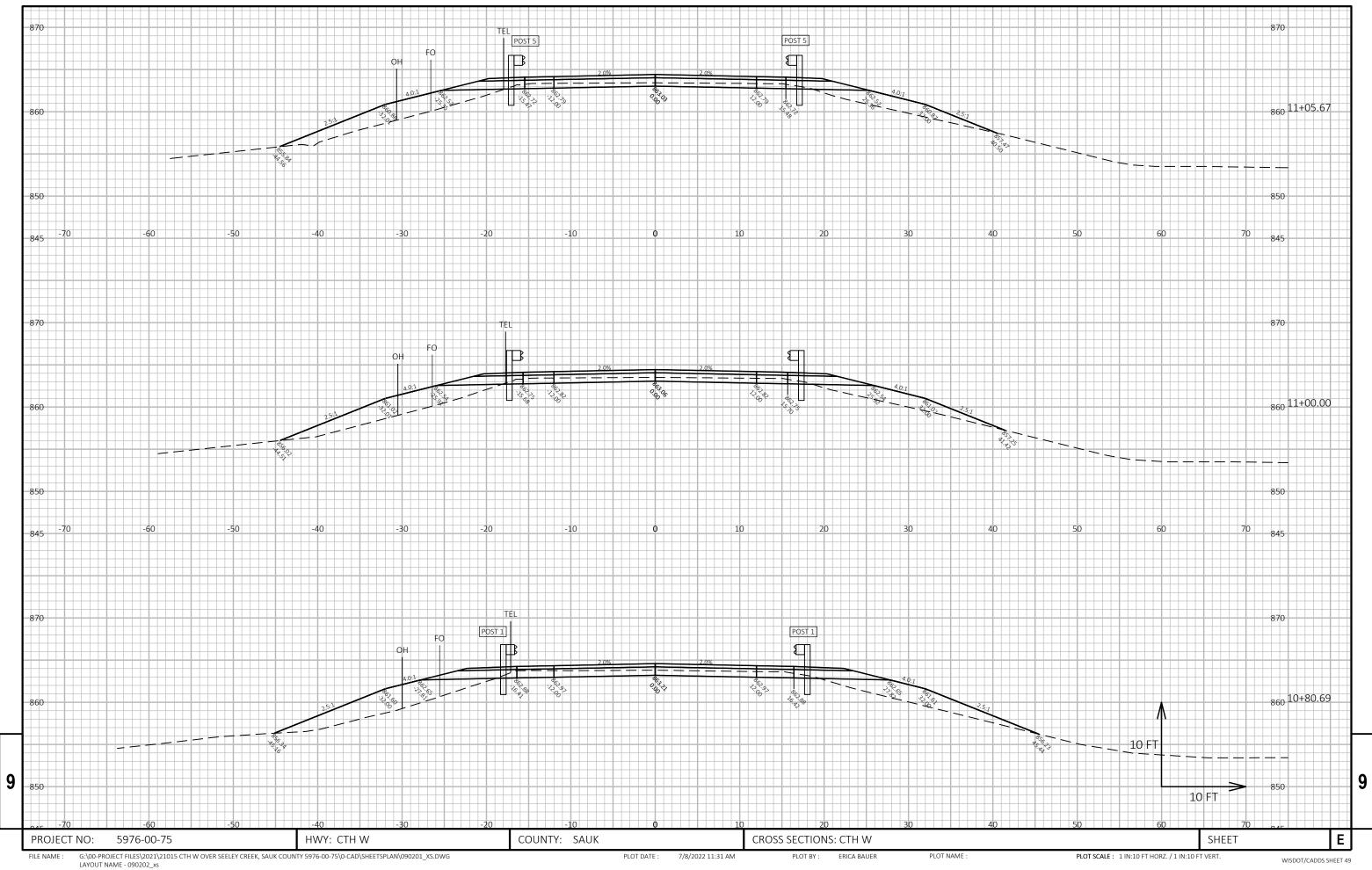
NOTES:	
1-CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
2 - SALVAGED/UNUSABLE PAVEMENT MATERIAL	THIS DOES NOT SHOW UP IN CROSS SECTIONS
3 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME
4 - MASS ORDINATE	[(CUT) - (FILL * FILL FACTOR) - (SALVAGED/UNUSABLE PAVEMENT MATERIAL)]

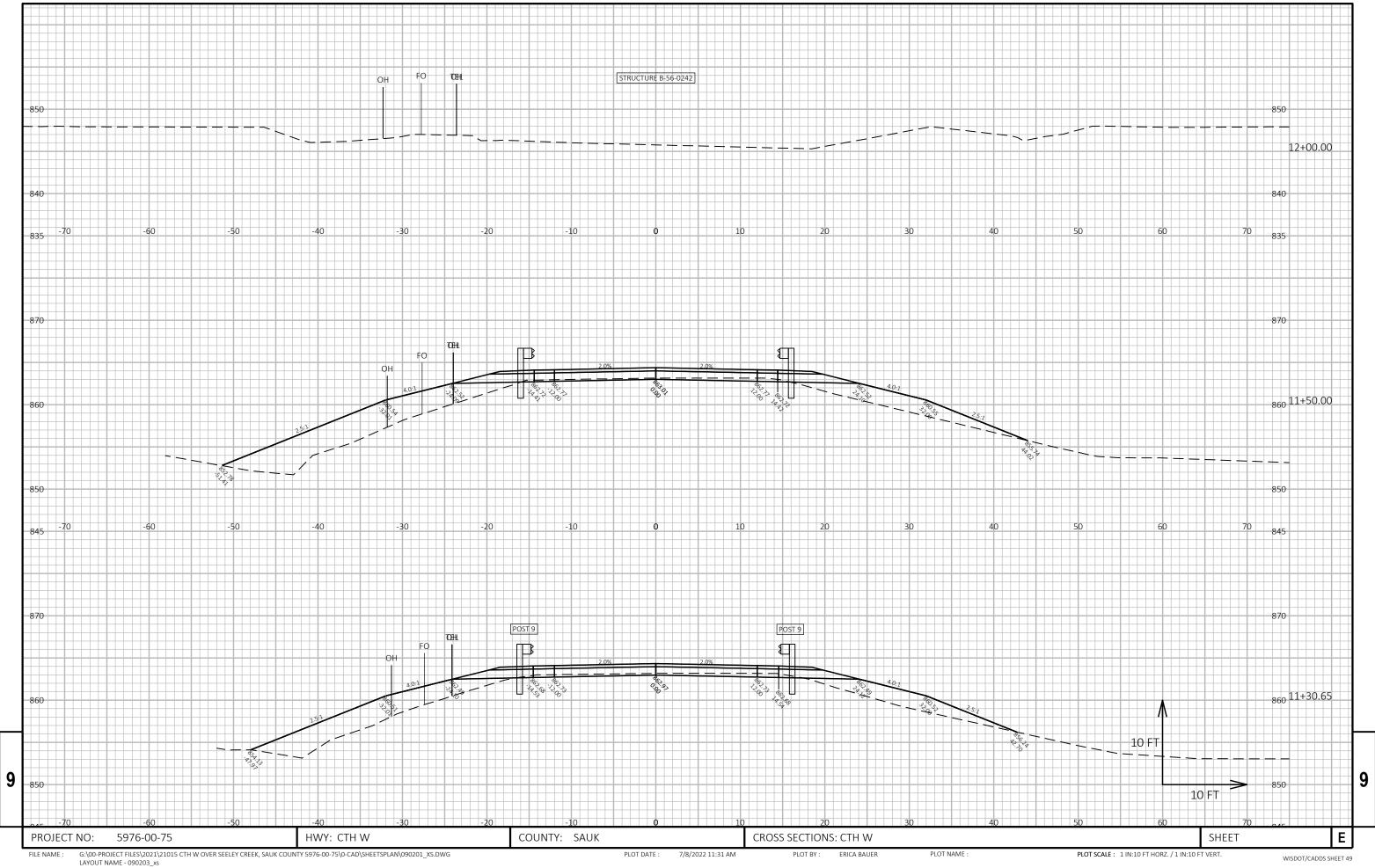
PROJEC	T NO: 5976-00-75	HWY: CTH W	COUNTY: SAUK			EARTHWORK DA	٩ΤΑ	
FILE NAME :	G:\00-PROJECT FILES\2021\21015 CTH W OVER SEELEY CREEK, SAUK COU LAYOUT NAME - 090101_ew		PLOT DATE :	6/13/2022 2:10 PM	PLOT BY :	ERIK MEYER	PLOT NAME :	

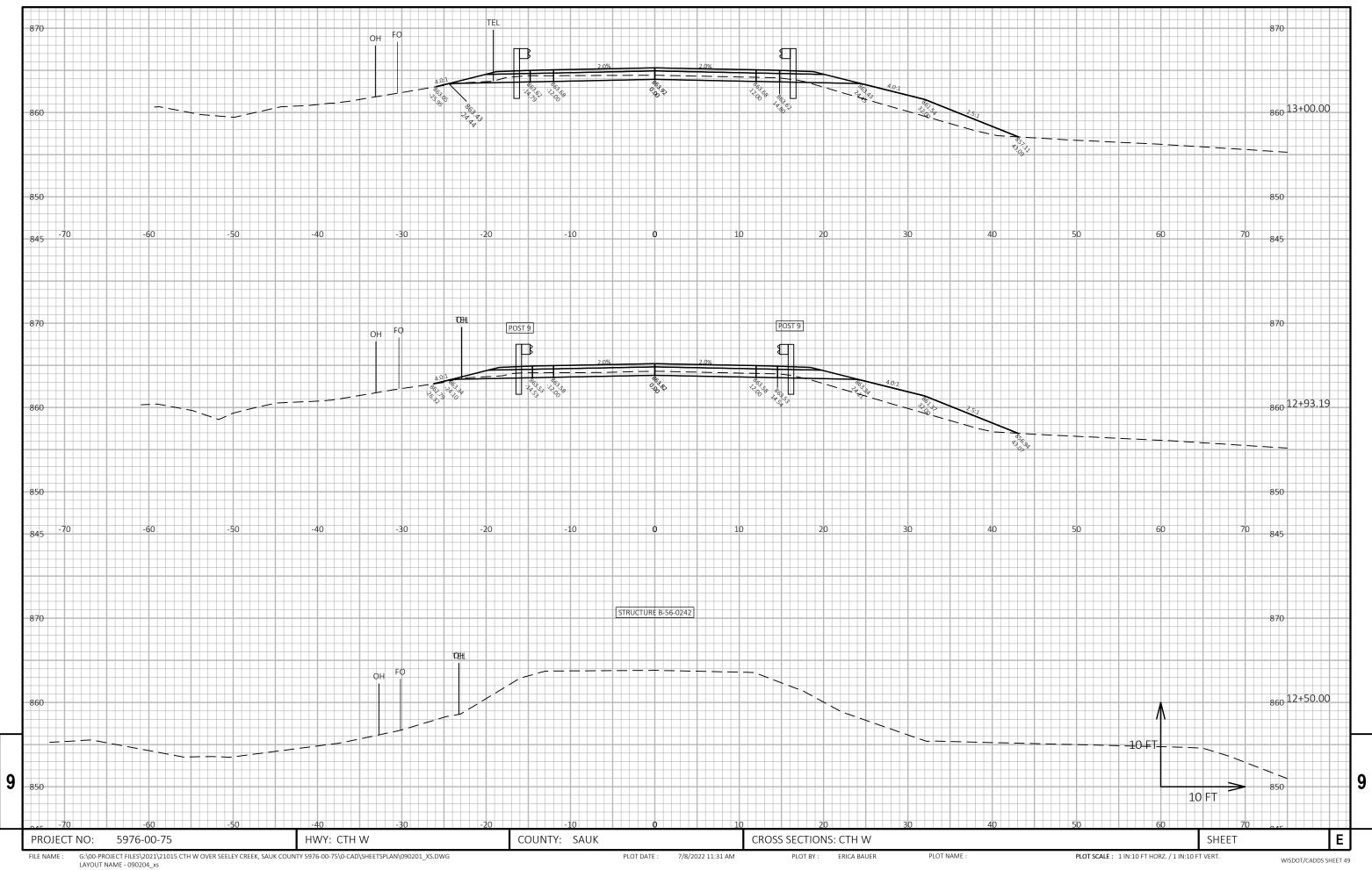
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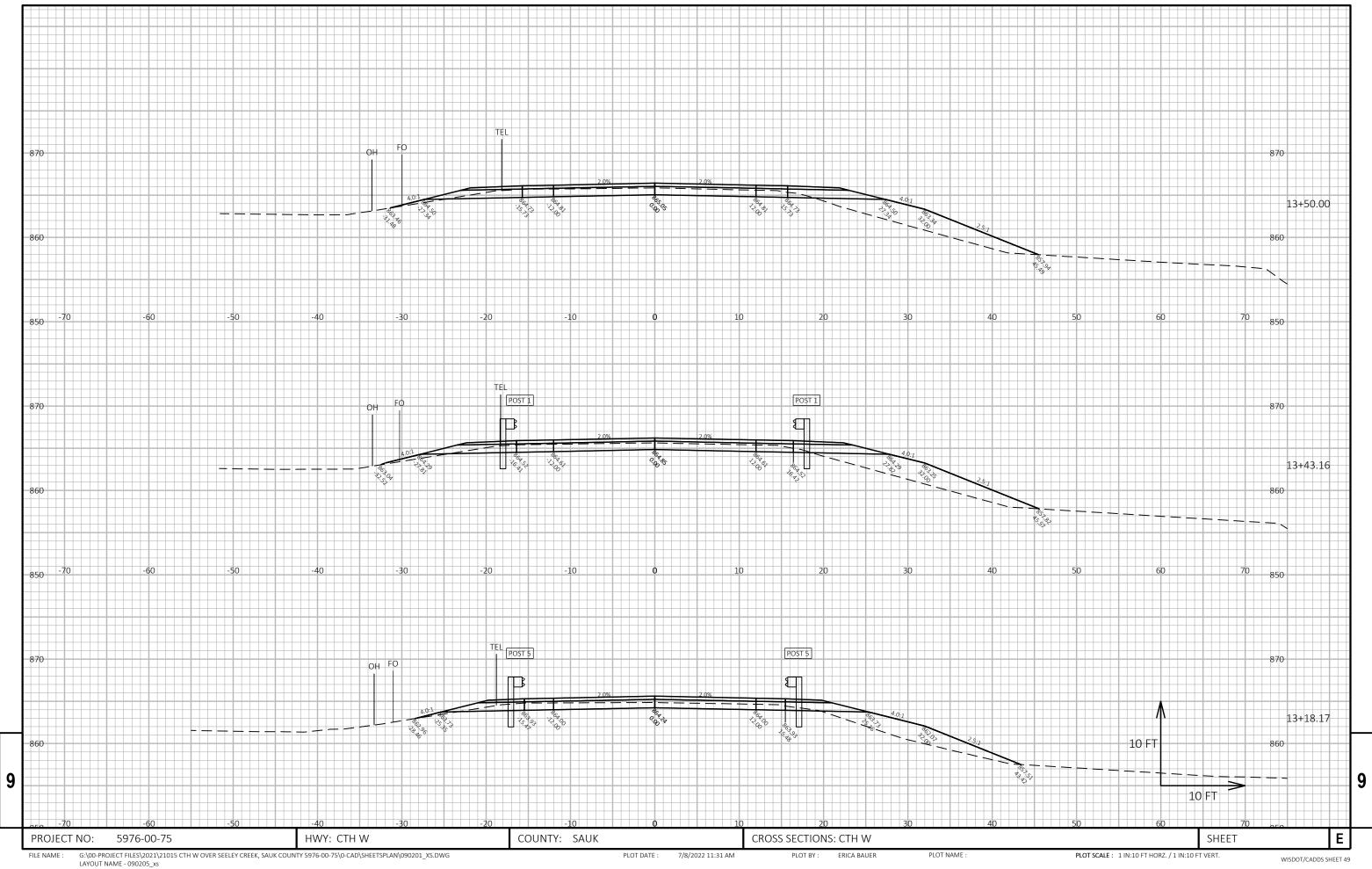
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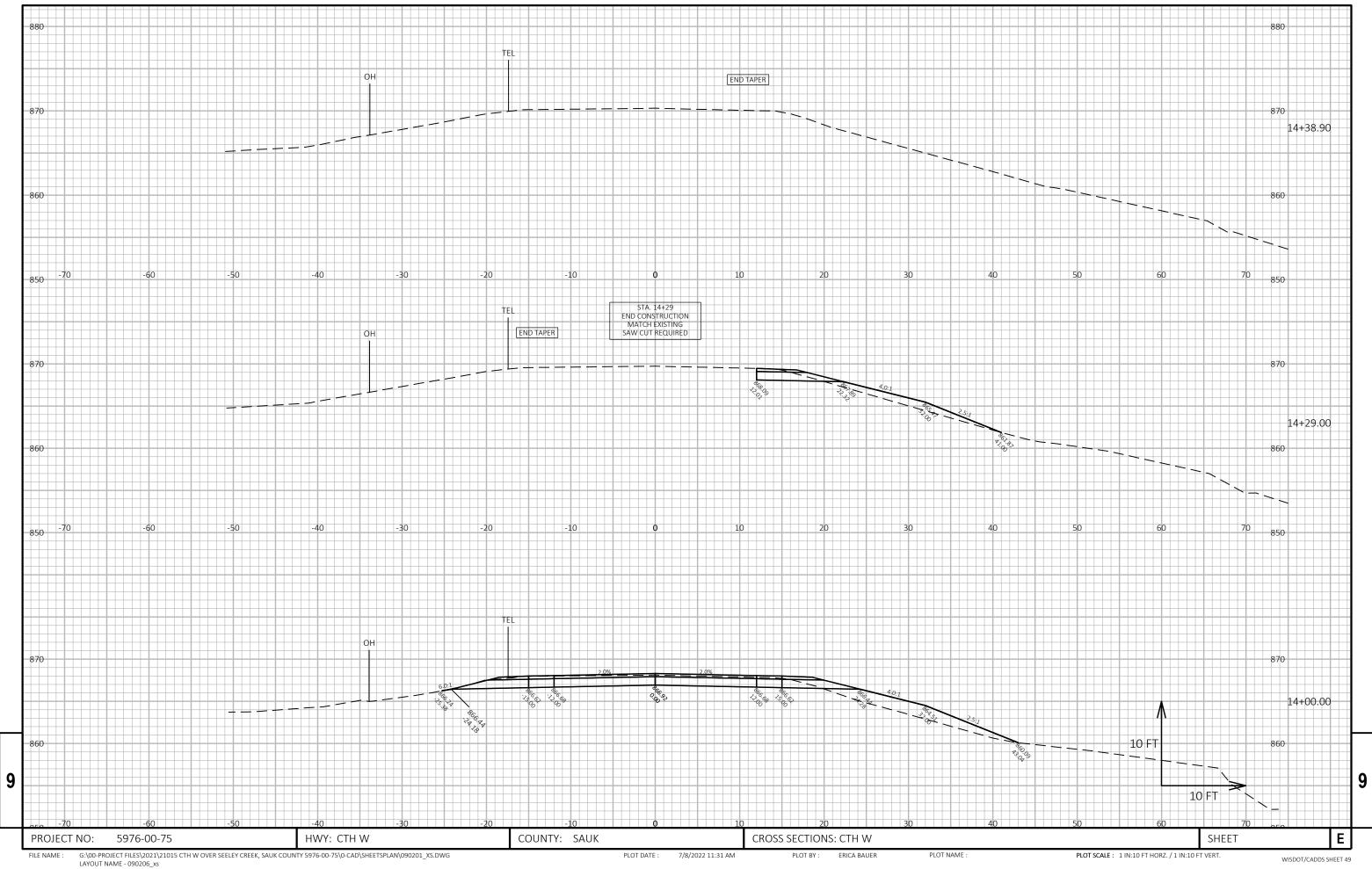


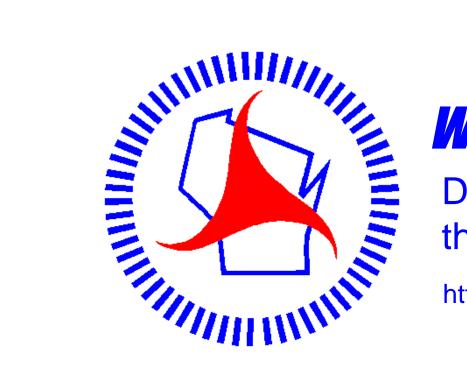












# Wisconsin Department of Transportation

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