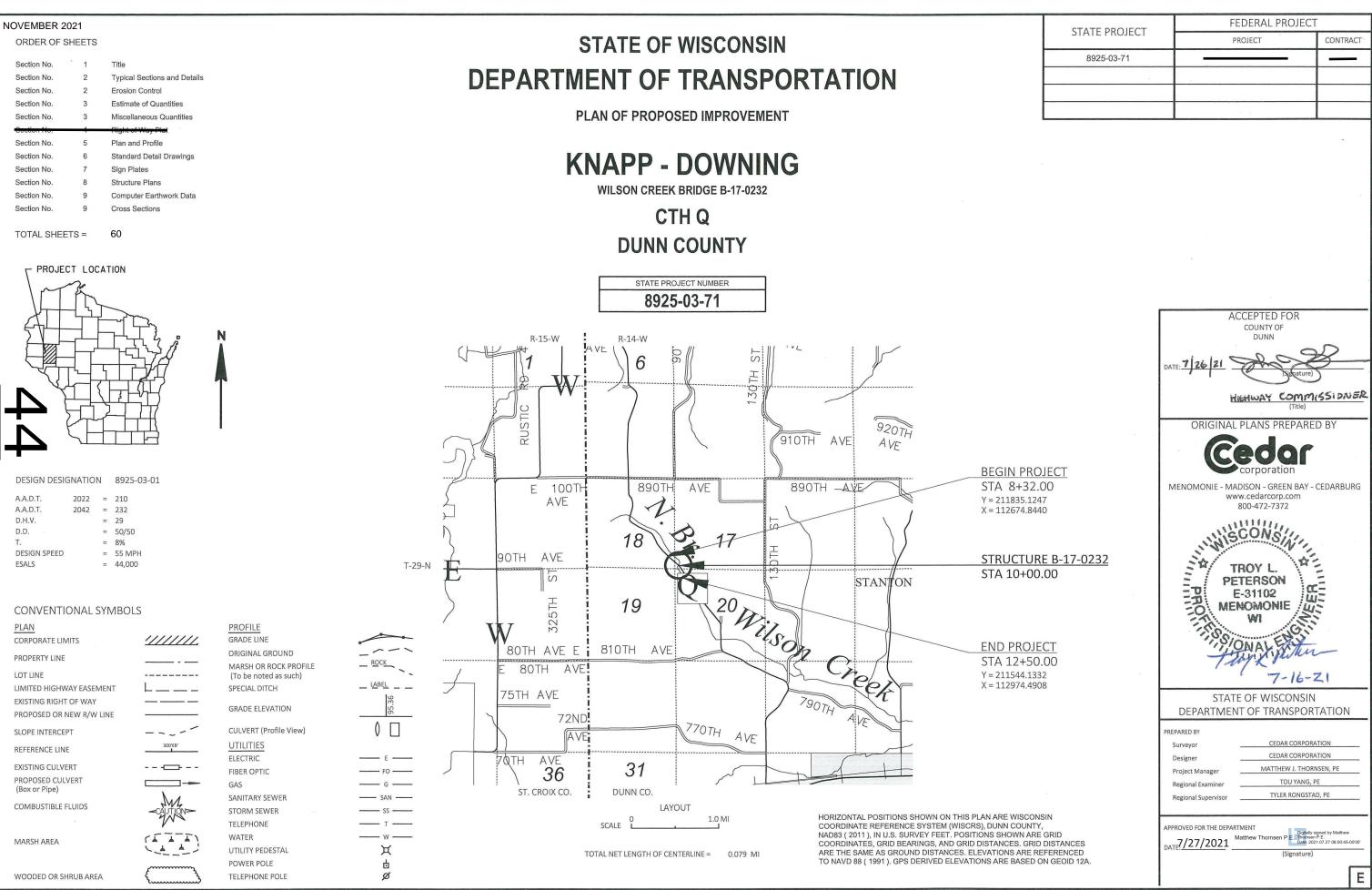
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WISDOT/CADDS SHEET 42

www.DiggersHotline.com
**DENOTES UTILITIES THAT ARE NOT DIGGERS HOTLINE MEMBERS.

GENERAL NOTES

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

NO TREES OR SHRUBS ARE TO BE REMOVED UNLESS SUCH TREES OR SHRUBS HAVE FIRST BEEN INDICATED FOR REMOVAL BY THE ENGINEER IN THE FIELD.

THE 4" OF ASPHALTIC SURFACE SHALL BE CONSTRUCTED WITH A 2.25" LOWER LAYER (3LT 58-28S) AND A 1.75" UPPER LAYER (4LT 58-28S).

DISTURBED AREAS WITHIN THE RIGHT OF WAY ARE TO BE SALVAGED TOPSOIL, FERTILIZED, SEEDED, AND COVERED WITH EROSION MAT.

WETLANDS ARE PRESENT WITHIN THE PROJECT LIMITS. DO NOT OPERATE EQUIPMENT OUTSIDE OF THE SLOPE INTERCEPTS. DO NOT STORE OR STOCKPILE MATERIALS IN WETLANDS

WHEN THE QUANTITY OF ITEM BASE LAYER OR SURFACE LAYER IS MEASURED FOR PAYMENT BY THE TON, THE THICKNESS OF THE MATERIAL THAT IS SHOWN ON THE PLANS IS APPROXIMATE AND THE ACTUAL THICKNESS WILL DEPEND ON THE DISTRIBUTION OF MATERIAL AS DIRECTED BY THE ENGINEER.

THE WISCONSIN DEPARTMENT OF TRANSPORTATION WILL FURNISH THE CONTRACTOR A MONUMENT WHICH SHALL BE SET IN THE STRUCTURE AS DESIGNATED BY ENGINEER.

STANDARD ABBREVIATIONS

ABUT	ABUTMENT	OFF	OFFSET
AGG	AGGREGATE	PC	POINT OF CURVATURE
ET AL	AND OTHERS	PI	POINT OF INTERSECTION
AADT	ANNUAL AVERAGE DAILY TRAFFIC	PT	POINT OF TANGENCY
BF	BACK FACE	POL	POINT ON LINE
BM	BENCHMARK	PE	PRIVATE ENTRANCE
C/L OR &	CENTERLINE	PL	PROPERTY LINE
Δ	CENTRAL ANGLE OR DELTA	PSI	POUNDS/SQUARE INCH
CLR	CLEAR	PROP	PROPOSED
CONC	CONCRETE	R	RADIUS
CONST	CONSTRUCTION	RR	RAILROAD
COR	CORNER	REBAR	REINFORCEMENT BAR
CMP	CORRUGATED METAL PIPE	REQ'D	REQUIRED
CTH	COUNTY TRUNK HIGHWAY	RT	RIGHT
CR	CREEK	RHF	RIGHT-HAND FORWARD
CFS		R/W	RIGHT-OF-WAY
CL2	CUBIC FEET/SECOND CULVERT	RD RD	ROAD
		SEC	
D	DEGREE OF CURVE		SECTION
DHV	DESIGN HOUR VOLUME	S	SOUTH
DIA	DIAMETER	SE	SOUTHEAST
E.	EAST	SW	SOUTHWEST
EL	ELEVATION	STH	STATE TRUNK HIGHWAY
EST	ESTIMATED	STA	STATION
FPS	FEET PER SECOND	SE	SUPER ELEVATION
FE	FIELD ENTRANCE	T	TANGENT
FT	FOOT (FEET)	TEL	TELEPHONE
FTG	FOOTING	TEMP	TEMPORARY
FDN	FOUNDATION	TI	TEMPORARY INTEREST
FF	FRONT FACE	TLE	TEMPORARY LIMITED EASEMENT
IP	IRON PIN	TL OR T/L	TRANSIT LINE
LT	LEFT	T	TRUCKS
LHF	LEFT-HAND FORWARD	TYP	TYPICAL
L	LENGTH OF CURVE	U/G	UNDERGROUND
LF	LINEAR FOOT	USH	UNITED STATES HIGHWAY
MAX	MAXIMUM	VAR	VARIABLE
MI	MILE	V	VELOCITY
MIN	MINIMUM	VPC	VERTICAL POINT OF CURVATURE
NC	NORMAL CROWN	VPI	VERTICAL POINT OF INTERSECTION
N	NORTH	VPT	VERTICAL POINT OF TANGENCY
NE	NORTHEAST	W	WEST
NW	NORTHWEST	YB	YARD
NO	NUMBER	. 2	···· -

DNR CONTACT

DNR WEST CENTRAL REGION HEADQUARTERS 1300 WEST CLAIREMONT AVENUE EAU CLAIRE, WI 54701-5108

DESIGN CONSULTANT CONTACT

ATTN: AMY L. LESIK (715) 836-6571 PH:

CEDAR CORPORATION

604 WILSON AVENUE

MENOMONIE, WI 54751

ATTN: TROY L. PETERSON, P.E.

(715) 235-9081

EMAIL: troy.peterson@cedarcorp.com

EMAIL: AmyL.Les'k@wisconsin.gov

MUNICIPALITY

DUNN COUNTY PUBLIC WORKS 3303 HIGHWAY 12 EAST MENOMONIE, WI 54751-5575

ATTN: JOHN J. SWORSKI, HIGHWAY COMMISSIONER PII: (715) 232-2181

EMAIL: jsworski@co.dunn.wi.us

UTILITY CONTACTS

COMMUNICATION LUMEN (CENTURYLINK) 20 SOUTH WILSON AVENUE RICE LAKE, WI 54868

ATTN: KYLE SCHLAMPP, CONSTRUCTION DETAILER

(715) 475 2029

FMAIL: kyle.schlampp@lumen.com

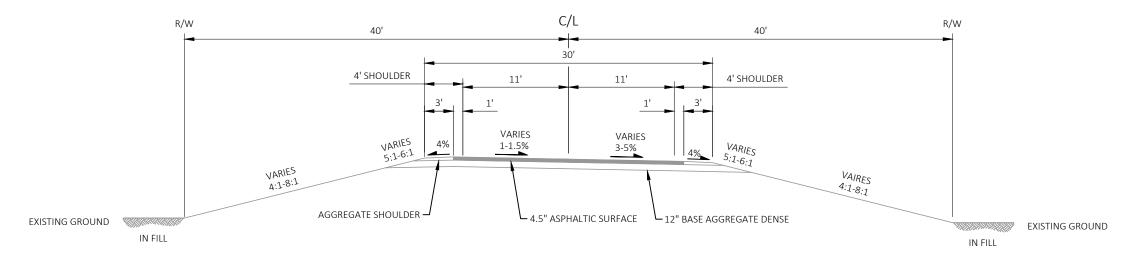
RUNOFF COEFFICIENT TABLE

				H	IYDROLOGIC	SOIL GROU	JP				
	А			В			С			D	
SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)		
0 - 2	2 - 6	6 & OVER	0 - 2	2 - 6	6 & OVER	0 - 2	2 - 6	6 & OVER	0 - 2	2 - 6	6 & OVER
.08	.16	.22	.12	.20	.27	.15	.24	.33	.19	.28	.38
.22	.30	.38	.26	.34	.44	.30	.37	.50	.34	.41	.56
.19	.20	.24	.19	.22	.26	.20	.23	.30	.20	.25	.30
.24	.26	.30	.25	.28	.33	.26	.30	.37	.27	.32	.40
		.25			.27			.28			.30
		.32			.34			.36			.38
	•			•							
					.70 -	.95					
					.80	.95					
					.70 -	.80					
.7585											
.7595											
RS: .4060											
	0 - 2 .08 .22 .19	SLOPE RANGE (PE 0 - 2	SLOPE RANGE (PERCENT) 0 - 2	SLOPE RANGE (PERCENT) SLOPE 0 - 2 2 - 6 6 & OVER 0 - 2 .08 .16 .22 .12 .22 .30 .38 .26 .19 .20 .24 .19 .24 .26 .30 .25 .25 .25	A B SLOPE RANGE (PERCENT) SLOPE RANGE (PE 0 - 2 2 - 6 6 & OVER 0 - 2 2 - 6 .08 .16 .22 .12 .20 .22 .30 .38 .26 .34 .19 .20 .24 .19 .22 .24 .26 .30 .25 .28	A B SLOPE RANGE (PERCENT) SLOPE RANGE (PERCENT) 0 - 2	A B SLOPE RANGE (PERCENT) SLOPE RANGE (PERCENT) SLOPE 0 - 2	SLOPE RANGE (PERCENT) SLOPE RANGE (PERCENT) SLOPE RANGE (PERCENT) 0 - 2 2 - 6 6 & OVER 0 - 2 2 - 6 6 & OVER 0 - 2 2 - 6 .08 .16 .22 .12 .20 .27 .15 .24 .22 .30 .38 .26 .34 .44 .30 .37 .19 .20 .24 .19 .22 .26 .20 .23 .24 .26 .30 .25 .28 .33 .26 .30 .25 .32 .34 .44 .30 .30 .30 .25 .28 .33 .26 .30 .25 .32 .34 .44 .30 .37 .34 .30	A B C SLOPE RANGE (PERCENT) SLOPE RANGE (PERCENT) SLOPE RANGE (PERCENT)	SLOPE RANGE (PERCENT) SLOP	SLOPE RANGE (PERCENT) SLOP

TOTAL PROJECT AREA = 0.81 ACRES

TOTAL AREA EXPECTED TO BE DISTURBED BY CONSTRUCTION ACTIVITIES = 0.50 ACRES

PROJECT NO: 8925-03-71 HWY: CTH Q COUNTY: DUNN **GENERAL NOTES** SHEET FILE NAME :

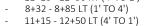


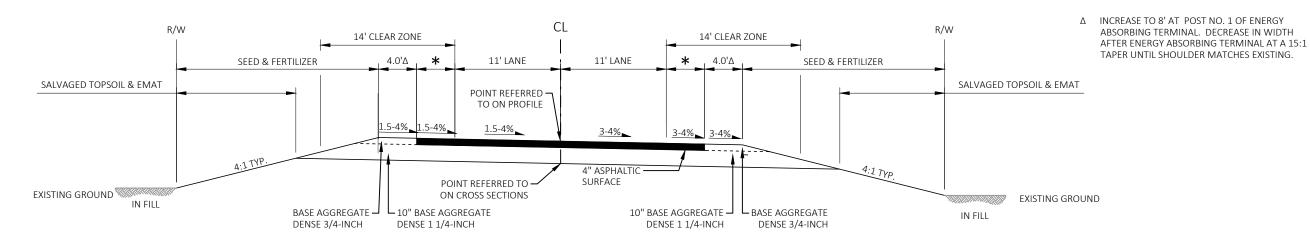
EXISTING TYPICAL SECTION - CTH Q

STA 8+32 TO STA 12+50

Ε TYPICAL SECTIONS - EXISTING SHEET PROJECT NO: 8925-03-71 HWY: CTH Q COUNTY: DUNN I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\023 8925-03-01 KNAPP - DOWNING WILSON CREEK BRIDGE B-17-0232 CTH Q DUNN COUNTY\89250301\SHEETSPLAN\020301-TS.DWG PLOT DATE : LAYOUT NAME - TS-1 FILE NAME : 7/14/2021 2:16 PM PLOT BY: MIKE LAPEAN PLOT NAME : PLOT SCALE : 1 IN:10 FT

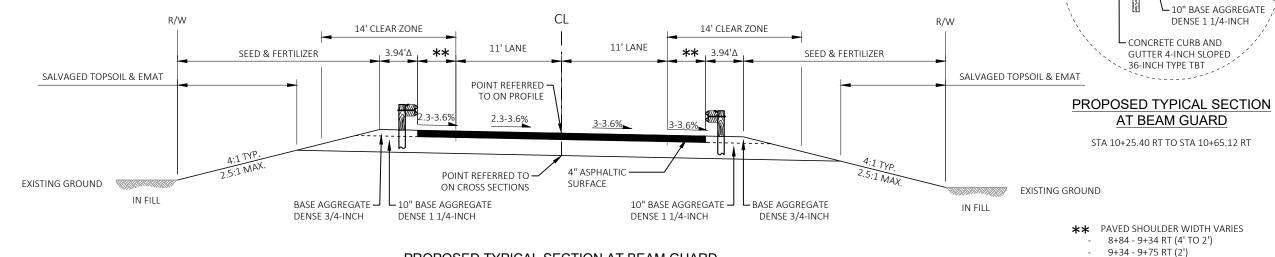
WISDOT/CADDS SHEET 42





PROPOSED TYPICAL SECTION - CTH Q

STA 8+32.00 RT TO STA 8+84.34 RT STA 8+32.00 LT TO STA 8+84.53 LT STA 11+15.88 RT TO STA 12+50.00 RT STA 11+15.23 LT TO STA 12+50.00 LT



PROPOSED TYPICAL SECTION AT BEAM GUARD

STA 8+84.34 RT TO STA 9+74.64 RT STA 8+84.53 LT TO STA 9+74.85 LT STA 10+25.40 RT TO STA 11+15.88 RT STA 10+25.09 LT TO STA 11+15.23 LT

9+35 - 9+75 LT (2') 10+25 - 10+65 LT (2')

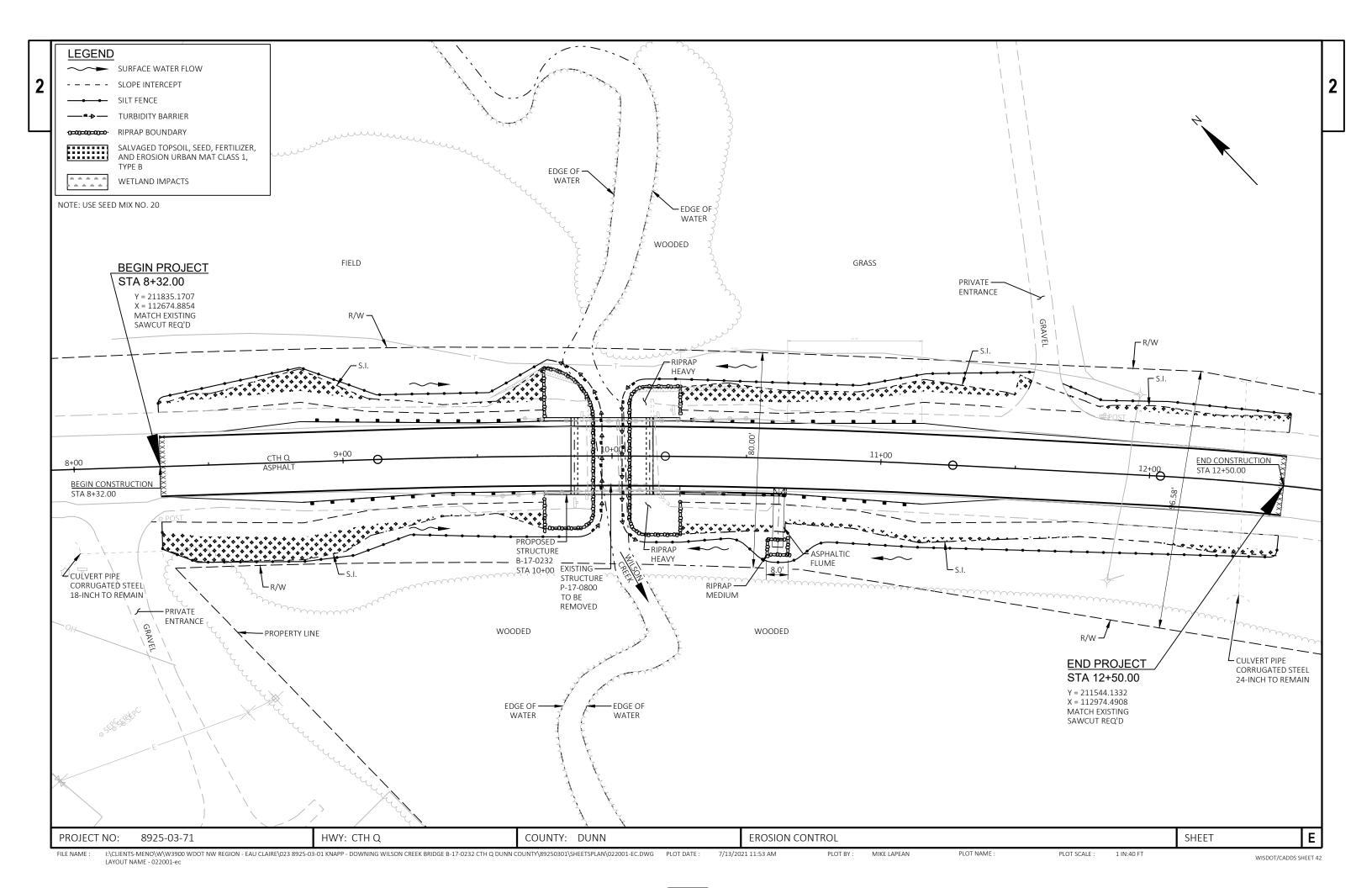
VARIES

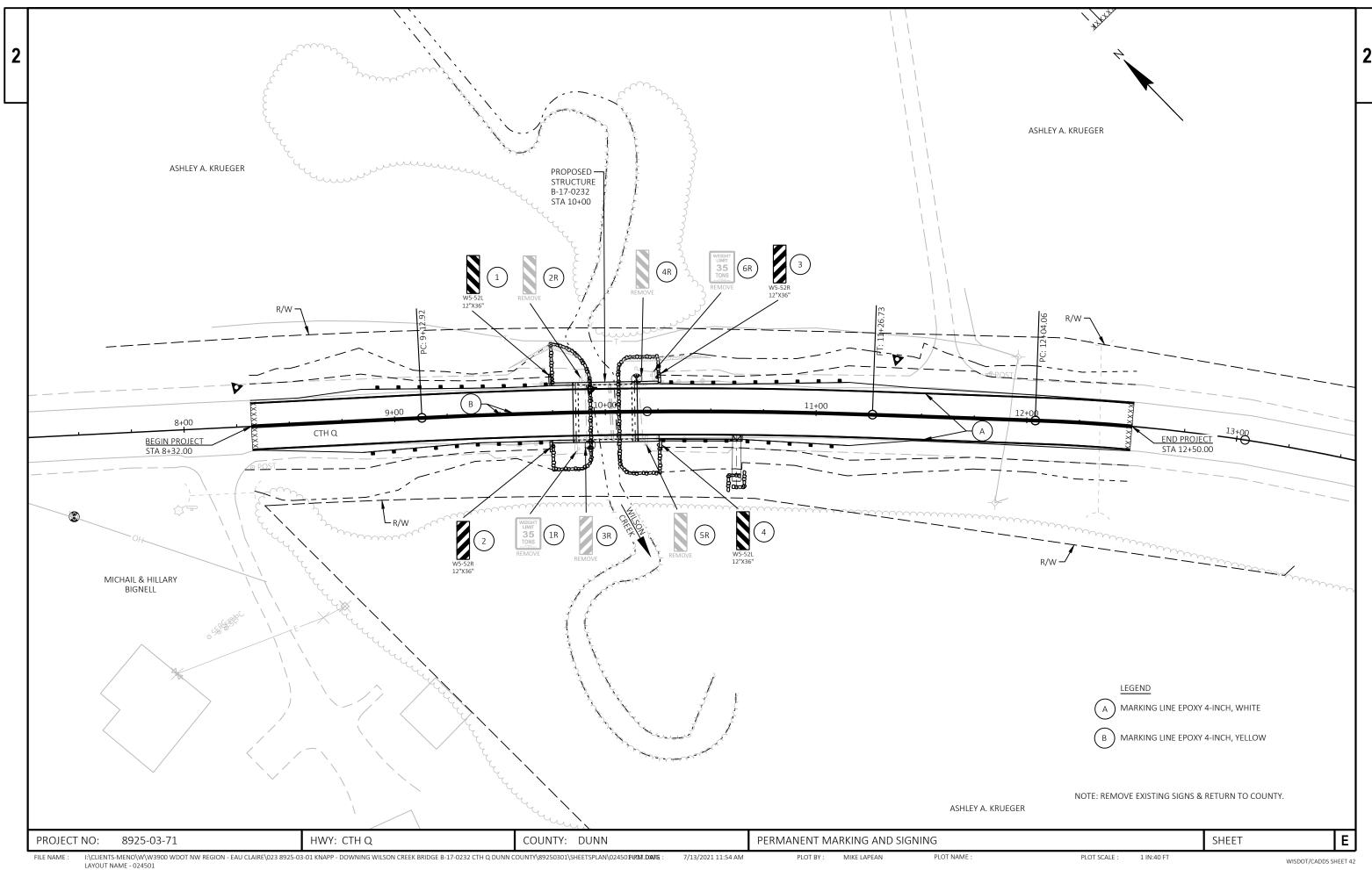
10+65 -11+15 LT (2' TO 4')

10+25 - 10+66 RT (2') 10+66 - 11+16 RT (2' TO 4')

8+85 - 9+35 LT (4' TO 2')

Ε PROJECT NO: 8925-03-71 HWY: CTH Q COUNTY: DUNN **TYPICAL SECTIONS - PROPOSED** SHEET I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\023 8925-03-01 KNAPP - DOWNING WILSON CREEK BRIDGE B-17-0232 CTH Q DUNN COUNTY\89250301\SHEETSPLAN\020301-TS.DWG PLOT DATE : PLOT NAME : PLOT BY: MIKE LAPEAN PLOT SCALE : 1 IN:10 FT FILE NAME :





WISDOT/CADDS SHEET 42

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85	925-	-03-	- / 1

					8925-03-71	
Line	Item	Item Description	Unit	Total	Qty	
0002	203.0260	Removing Structure Over Waterway Minimal Debris (structure) 01. P-17-0800	EACH	1.000	1.000	
0004	204.0165	Removing Guardrail	LF	180.000	180.000	
006	205.0100	Excavation Common	CY	515.000	515.000	
800	206.1000	Excavation for Structures Bridges (structure) 01. B-17-232	LS	1.000	1.000	
010	210.1500	Backfill Structure Type A	TON	274.000	274.000	
012	213.0100	Finishing Roadway (project) 01. 8925-03-71	EACH	1.000	1.000	
014	305.0110	Base Aggregate Dense 3/4-Inch	TON	127.000	127.000	
016	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	1,058.000	1,058.000	
018	455.0605	Tack Coat	GAL	78.000	78.000	
)20	465.0105	Asphaltic Surface	TON	256.000	256.000	
022	465.0315	Asphaltic Flumes	SY	8.000	8.000	
)24	502.0100	Concrete Masonry Bridges	CY	126.000	126.000	
26	502.3200	Protective Surface Treatment	SY	88.000	88.000	
)28	502.3210	Pigmented Surface Sealer	SY	50.000	50.000	
030	505.0400	Bar Steel Reinforcement HS Structures	LB	3,380.000	3,380.000	
032	505.0600	Bar Steel Reinforcement HS Coated Structures	LB	14,690.000	14,690.000	
)34	516.0500	Rubberized Membrane Waterproofing	SY	18.000	18.000	
)36	550.1100	Piling Steel HP 10-Inch X 42 Lb	LF	140.000	140.000	
)38	601.0588	Concrete Curb & Gutter 4-Inch Sloped 36-Inch Type TBT	LF	40.000	40.000	
040	606.0200	Riprap Medium	CY	2.000	2.000	
42	606.0300	Riprap Heavy	CY	105.000	105.000	
144	612.0406	Pipe Underdrain Wrapped 6-Inch	LF	180.000	180.000	
46	614.0150	Anchor Assemblies for Steel Plate Beam Guard	EACH	4.000	4.000	
)48	614.2500	MGS Thrie Beam Transition	LF	157.600	157.600	
50	614.2610	MGS Guardrail Terminal EAT	EACH	4.000	4.000	
)52	618.0100	Maintenance And Repair of Haul Roads (project) 01. 8925-03-71	EACH	1.000	1.000	
)54	619.1000	Mobilization	EACH	1.000	1.000	
)56	624.0100	Water	MGAL	18.000	18.000	
58	625.0500	Salvaged Topsoil	SY	228.000	228.000	
60	628.1504	Silt Fence	LF	1,010.000	1,010.000	
62	628.1520	Silt Fence Maintenance	LF	1,010.000	1,010.000	
64	628.1905	Mobilizations Erosion Control	EACH	3.000	3.000	
66	628.1910	Mobilizations Emergency Erosion Control	EACH	3.000	3.000	
68	628.2008	Erosion Mat Urban Class I Type B	SY	228.000	228.000	
70	628.6005	Turbidity Barriers	SY	148.000	148.000	
)72	629.0210	Fertilizer Type B	CWT	0.400	0.400	
)74	630.0120	Seeding Mixture No. 20	LB	17.000	17.000	
076	630.0200	Seeding Temporary	LB	17.000	17.000	
78	630.0500	Seed Water	MGAL	7.000	7.000	
080	634.0612	Posts Wood 4x6-Inch X 12-FT	EACH	4.000	4.000	
82	637.2230	Signs Type II Reflective F	SF	12.000	12.000	
84	638.2602	Removing Signs Type II	EACH	6.000	6.000	
36	638.3000	Removing Small Sign Supports	EACH	6.000	6.000	
88	642.5001	Field Office Type B	EACH	1.000	1.000	
90	643.0300	Traffic Control Drums	DAY	70.000	70.000	
92	643.0420	Traffic Control Barricades Type III	DAY	1,260.000	1,260.000	
094	643.0705	Traffic Control Warning Lights Type A	DAY	1,960.000	1,960.000	
096	643.0900	Traffic Control Signs	DAY	980.000	980.000	
098	643.1050	Traffic Control Signs PCMS	DAY	14.000	14.000	

Estimate Of Quantities

8925-03-71

Page 2

Line	Item	Item Description	Unit	Total	Qty	
0100	643.5000	Traffic Control	EACH	1.000	1.000	
0102	645.0111	Geotextile Type DF Schedule A	SY	42.000	42.000	
0104	645.0120	Geotextile Type HR	SY	206.000	206.000	
0106	646.1020	Marking Line Epoxy 4-Inch	LF	1,675.000	1,675.000	
0108	650.4500	Construction Staking Subgrade	LF	388.000	388.000	
0110	650.5000	Construction Staking Base	LF	388.000	388.000	
0112	650.6500	Construction Staking Structure Layout (structure) 01. B-17-232	LS	1.000	1.000	
0114	650.9910	Construction Staking Supplemental Control (project) 01. 8925-03-71	LS	1.000	1.000	
0116	650.9920	Construction Staking Slope Stakes	LF	388.000	388.000	
0118	690.0150	Sawing Asphalt	LF	47.000	47.000	
0120	715.0502	Incentive Strength Concrete Structures	DOL	760.000	760.000	
0122	999.2000.S	Installing and Maintaining Bird Deterrent System (Station) 01, 10+00	EACH	1.000	1.000	

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				0100 EXCAVATION 1)	SALVAGED/UNUSABLE	AVAILABLE		EXPANDED FILL (13)		
DIVISION	FROM/TO STATION	LOCATION	CUT (2)	EBS EXCAVATION	PAVEMENT MATERIAL (4)	MATERIAL (5)	UNEXPANDED FILL	FACTOR 1.35	MASS ORDINATE +/- (14)	WASTE
DIVISION 1	01111011	Loomiton	121	127	,,,	(-)	1722	1103	(±1)	1111312
стн о	08+32/12+50		515	0	124	391	62	84	307	307
DIVISION 1 SUBTOTAL	•		515	٥	124	391	62	84	307	307
GRAND TOTAL			515	0	124	391	62	84	307	307
	TOTAL CO	OMMON EXC	5	15					_	

(1) COMMON EXCAVATION IS THE SUM OF THE CUT AND EBS EXCAVATION COLUMNS, ITEM NUMBER 205.0100

(2) SALVAGED/UNSUABLE PAVEMENT MATERIAL IS INCLUDED IN CUT.

(3) EBS EXCAVATION TO BE BACKFILLED WITH BASE AGGREGATE DENSE 1 1/4-INCH.

(4) SALVAGED/UNUSABLE PAVEMENT MATERIAL

(5) AVAILABLE MATERIAL = CUT - SALVAGED/UNUSUABLE PAVEMENT MATERIAL

(13) EXPANDED FILL FACTOR = 1.35

DEPENDING ON SELECTIONS:

EXPANDED FILL = (UNEXPANDED FILL - EXPANDED ROCK - REDUCED MARSH - REDUCED EBS) * FILL FACTOR

EXPANDED FILL = (UNEXPANDED FILL - EXPANDED ROCK - REDUCED EBS) * FILL FACTOR OR OR EXPANDED FILL = (UNEXPANDED FILL - EXPANDED ROCK - REDUCED MARSH) * FILL FACTOR

FXPANDED FILL = (UNFXPANDED FILL - FXPANDED ROCK) * FILL FACTOR OR

(14) THE MASS ORDINATE + OR - QTY CALCULATED FOR THE DIVISION. PLUS QUANTITY INDICATES AN EXCESS OF MATERIAL WITHIN THE DIVISION. MINUS INDICATES A SHORTAGE OF MATERIAL WITHIN THE DIVISION.

(15) FACTORS USED TO COMPUTE ANTICIPATED WASTE AND THE COMPUTED WASTE VOLUME IDENTIFIED ARE FOR GENERAL INFORMATION ONLY.

EXCAVATION

											205.0100 EXCAVATION COMMON	
						CATEGORY	STATION	TO	STATION	LOCATION	CY	REMARKS
]	<u>REMOVIN</u>	<u>G GUARD RAIL</u>								
						0010	8+32		9+74.75	RT	50	
						0010	8+54.51	-	9+74.75	LT	37	
					204.0165	0010	9+34.75	-	9+84.75	MAINLINE	35	
					REMOVING	0010	10+15.25	-	10+65.25	MAINLINE	35	
					GUARDRAIL	0010	10+25.25	-	11+45.86	RT	41	
CATEGORY	STATION TO) S	STATION	LOCATION	LF	0010	10+25.25	-	12+04.61	LT	62	
0010	9+53 -		10+43	RT	90					TOTAL 0010	260	
0010	9+66 -		10+55	LT	90							
						0030	8+32		8+54.51	LT	8	
				TOTAL 0010	180	0030	8+32		9+34.75	MAINLINE	71	
						0030	10+65.25		12+50	MAINLINE	126	
						0030	11+45.86	-	12+50	RT	35	
						0030	12+04.61	-	12+50	LT	15	
										TOTAL 0030	255	
										PROJECT TOTAL	515	

PROJECT NO: 8925-03-71 HWY: CTH Q COUNTY: DUNN MISCELLANEOUS QUANTITIES SHEET

		BASE AGGR	<u>REGATES</u>			CO	NCRETE CURB 8	<u>R GUTTER</u>				<u>BE</u> .	EAM GUARD		
			305.0110 BASE AGGREGATE	305.0120 BASE AGGREGATE DENSE 1 1/4-	624.0100			CO { ING	601.0588 NCRETE CURB & GUTTER 4- CH SLOPED 36-	CATEGORY	STATION TO S	STATION	LOCATION	614.2500 MGS THRIE BEAM TRANSITION LF	614.2610 MGS GUARDR TERMINAL EA EACH
CATEGOI	ry station to station	N LOCATION	DENSE 3/4-INCH TON	INCH TON	WATER MGAL	CATECORY STATION TO STA	TION		CH TYPE TBT						
CATEGO	IN STATION TO STATION	LOCATION	1011	1011	WIGAL	CATEGORY STATION TO STA	HON	LOCATION	<u>LF</u>	0010		9+77	RT	39.4	1
0010	8+32 - 9+74.75	5 R⊤	25	107	2	0010 10+25.40 - 10+0	55.12	RT	40	0010 0010		9+77 11+16	LT RT	39.4 39.4	1
0010			17	78	1					0010		11+15	LT	39.4	1
0010			0	68	1			TOTAL 0010	40						
0010			0	68	1							٦	TOTAL 0010	157.6	4
0010			17	88	2										
0010	10+25.25 - 12+04.6	1 LT	33	135	3										
		TOTAL 0010	92	544	10	-					RIPRAP				
0030	0,33 0.34 7	NAMES OF THE PARTY	0	140	า										
0030			0	140	2								606.0200		
0030			5	16 251	0 4										
0030			0 20	251 74									RIPRAP MEDIL		
0030 0030			20 10	33	1 1			CATEGORY	STATION		LOCATION	<u> </u>	CY	REM	1ARKS
0030	12+04.61 - 12+50	LI	10	33	1			0010	10,62,50		DΤ		2	END OF ACC	
		TOTAL 0030	35	514	8	-		0010	10+62.50		R⊤		2	END OF ASE	PHALTFLUME
		PROJECT TOTAL	127	1058	18						TOTAL 0010	0	2		
										<u>ERO:</u>	SION CONTROL				
			<u>ASPHALTIC</u>	<u>ITEMS</u>						628.15	504 628.1	1520	628.1905	628.1910	628.60
														MOBILIZATION:	S
			455.0605 TACK COAT	465.0105 ASPHALTIC SURFACE	465.0315 ASPHALTIC FLUMES		CATEGORY	STATION TO STATION	LOCATION	SILT FEN LF		N ENCE NANCE	MOBILIZATIONS EROSION CONTROL EACH	MOBILIZATION: EMERGENCY EROSION CONTROL EACH	TURBIE BARRII
FGORY	STATION TO STATION	LOCATION	TACK COAT	ASPHALTIC SURFACE	ASPHALTIC FLUMES	RFMARKS	CATEGORY			LF	nce maintei Lf	M ENCE NANCE =	EROSION	EMERGENCY EROSION	TURBIE BARRII SY
EGORY	STATION TO STATION	LOCATION		ASPHALTIC	ASPHALTIC	REMARKS	0010	8+32 - 9+75	RT	LF 167	NCE MAINTER LF	N ENCE NANCE =	EROSION CONTROL	EMERGENCY EROSION CONTROL	TURBIE BARRII
	STATION TO STATION 8+32 9+34.75	LOCATION LT & RT	TACK COAT	ASPHALTIC SURFACE	ASPHALTIC FLUMES	REMARKS PAVED SHOULDERS	0010	8+32 - 9+75 8+55 - 9+75	RT LT	LF 167 128	NCE MAINTEN LF 16 12	N ENCE NANCE = 7 8	EROSION CONTROL	EMERGENCY EROSION CONTROL	TURBIE BARRII SY
010			TACK COAT	ASPHALTIC SURFACE TON	ASPHALTIC FLUMES SY		- 0010 0010 0010	8+32 - 9+75 8+55 - 9+75 10+25 - 11+46	RT LT RT	LF 167 128 136	NCE MAINTEI LF 16 12 13	N ENCE NANCE = -7 8 6	EROSION CONTROL EACH 1 - 1	EMERGENCY EROSION CONTROL	TURBIE BARRII SY
010 010	8+32 9+34.75	LT & RT	TACK COAT GAL 4	ASPHALTIC SURFACE TON 13	ASPHALTIC FLUMES SY	PAVED SHOULDERS	0010 0010 0010 0010	8+32 - 9+75 8+55 - 9+75	RT LT RT LT	LF 167 128 136 185	NCE MAINTEI LF 16 12: 13: 18:	N/ENCE NANCE = -7 8 6 6	EROSION CONTROL	EMERGENCY EROSION CONTROL	TURBII BARRI SY - - - -
010 010 010	8+32 9+34.75 9+34.75 - 9+84.75	LT & RT MAINLINE	TACK COAT GAL 4 10	ASPHALTIC SURFACE TON 13 33	ASPHALTIC FLUMES SY - -	PAVED SHOULDERS ROADWAY & PAVED SHOULDERS	0010 0010 0010 0010 0010	8+32 - 9+75 8+55 - 9+75 10+25 - 11+46	RT LT RT LT UNDISTRIBUTED	167 128 136 185 154	NCE MAINTEI LF 16 12 13 185	MENCE NANCE 7 8 6 5 4	EROSION CONTROL EACH 1 - 1 - 1	EMERGENCY EROSION CONTROL	TURBII BARRI SY - - - -
010 010 010 010	8+32 9+34.75 9+34.75 - 9+84.75 10+15.25 - 10+65.25	LT & RT MAINLINE MAINLINE	TACK COAT GAL 4 10 9	ASPHALTIC SURFACE TON 13 33 31	ASPHALTIC FLUMES SY	PAVED SHOULDERS ROADWAY & PAVED SHOULDERS ROADWAY & PAVED SHOULDERS	0010 0010 0010 0010	8+32 - 9+75 8+55 - 9+75 10+25 - 11+46	RT LT RT LT	LF 167 128 136 185 154	NCE MAINTEI LF 16 12: 13: 18:	MENCE NANCE 7 8 6 5 4	EROSION CONTROL EACH 1 - 1	EMERGENCY EROSION CONTROL	TURBII BARRI SY - - - - - 79
010 010 010 010	8+32 9+34.75 9+34.75 - 9+84.75 10+15.25 - 10+65.25 10+60	LT & RT MAINLINE MAINLINE RT	TACK COAT GAL 4 10 9	ASPHALTIC SURFACE TON 13 33 31	ASPHALTIC FLUMES SY - - - - 8	PAVED SHOULDERS ROADWAY & PAVED SHOULDERS ROADWAY & PAVED SHOULDERS ASPHALT FLUME	0010 0010 0010 0010 0010 0010	8+32 - 9+75 8+55 - 9+75 10+25 - 11+46	RT LT RT LT UNDISTRIBUTED WEST ABUTMENT EAST ABUTMENT	LF 167 128 136 185 154 F -	NCE MAINTEI LF 16 123 130 189	PENCE NANCE 7 8 6 5 4	EROSION CONTROL EACH 1 - 1 - 1 - 1	EMERGENCY EROSION CONTROL EACH 1 - 1 - 1 - 1	TURBI BARRI SY - - - - - 79 69
010 010 010 010 010 010	8+32 9+34.75 9+34.75 - 9+84.75 10+15.25 - 10+65.25 10+60 10+65.25 - 12+04.61	LT & RT MAINLINE MAINLINE RT LT & RT TOTAL 0010	TACK COAT GAL 4 10 9 - 4	ASPHALTIC SURFACE TON 13 33 31 - 14	ASPHALTIC FLUMES SY 8 - 8	PAVED SHOULDERS ROADWAY & PAVED SHOULDERS ROADWAY & PAVED SHOULDERS ASPHALT FLUME PAVED SHOULDERS	0010 0010 0010 0010 0010 0010	8+32 - 9+75 8+55 - 9+75 10+25 - 11+46	RT LT RT LT UNDISTRIBUTED WEST ABUTMEN	LF 167 128 136 185 154	NCE MAINTEI LF 16 123 130 185	PENCE NANCE 7 8 6 5 4	EROSION CONTROL EACH 1 - 1 - 1 - 1	EMERGENCY EROSION CONTROL EACH 1 - 1 - 1 - 1	TURBII BARRI SY - - - - - 79 69
010 010 010 010 010 010	8+32 9+34.75 9+34.75 - 9+84.75 10+15.25 - 10+65.25 10+60 10+65.25 - 12+04.61	LT & RT MAINLINE MAINLINE RT LT & RT TOTAL 0010 MAINLINE	TACK COAT GAL 4 10 9 - 4 27 18	ASPHALTIC SURFACE TON 13 33 31 - 14 91 58	ASPHALTIC FLUMES SY 8 - 8 -	PAVED SHOULDERS ROADWAY & PAVED SHOULDERS ROADWAY & PAVED SHOULDERS ASPHALT FLUME PAVED SHOULDERS ROADWAY	0010 0010 0010 0010 0010 0010 0010	8+32 - 9+75 8+55 - 9+75 10+25 - 11+46 10+25 - 12+05	RT LT RT LT UNDISTRIBUTED WEST ABUTMENT EAST ABUTMENT TOTAL 0010	167 128 136 185 154 7 - 770	NCE MAINTEI 16 12: 130 18: 15 770 28	MENCE =	EROSION CONTROL EACH 1 - 1 - 1 - 1	EMERGENCY EROSION CONTROL EACH 1 - 1 - 1 - 1	TURBIE BARRII SY - - - - 79 69
010 010 010 010 010 010	8+32 9+34.75 9+34.75 - 9+84.75 10+15.25 - 10+65.25 10+60 10+65.25 - 12+04.61	LT & RT MAINLINE MAINLINE RT LT & RT TOTAL 0010	TACK COAT GAL 4 10 9 - 4	ASPHALTIC SURFACE TON 13 33 31 - 14	ASPHALTIC FLUMES SY 8 - 8	PAVED SHOULDERS ROADWAY & PAVED SHOULDERS ROADWAY & PAVED SHOULDERS ASPHALT FLUME PAVED SHOULDERS	0010 0010 0010 0010 0010 0010 0010	8+32 - 9+75 8+55 - 9+75 10+25 - 11+46 10+25 - 12+05 8+32 - 8+55 11+46 - 12+50	RT LT RT LT UNDISTRIBUTED WEST ABUTMENT EAST ABUTMENT TOTAL 0010 LT RT	167 128 136 185 154 770 28 110	NCE MAINTEI 16 12 13 13 18 15 770 28 110	7 8 6 5 4	EROSION CONTROL EACH 1 - 1 - 1 - 1	EMERGENCY EROSION CONTROL EACH 1 - 1 - 1 - 1	TURBIE BARRI SY - - - - - 79 69
010 010 010 010 010 010	8+32 9+34.75 9+34.75 - 9+84.75 10+15.25 - 10+65.25 10+60 10+65.25 - 12+04.61	LT & RT MAINLINE MAINLINE RT LT & RT TOTAL 0010 MAINLINE MAINLINE	TACK COAT GAL 4 10 9 - 4 27 18 33	ASPHALTIC SURFACE TON 13 33 31 - 14 91 58 107	ASPHALTIC FLUMES SY 8 - 8 8	PAVED SHOULDERS ROADWAY & PAVED SHOULDERS ROADWAY & PAVED SHOULDERS ASPHALT FLUME PAVED SHOULDERS ROADWAY	0010 0010 0010 0010 0010 0010 0010 0030 0030 0030	8+32 - 9+75 8+55 - 9+75 10+25 - 11+46 10+25 - 12+05	RT LT RT LT UNDISTRIBUTED WEST ABUTMENT EAST ABUTMENT TOTAL 0010 LT RT LT	167 128 136 185 154 770 28 110 54	NCE MAINTEN LF 16 12 13 18 15 - 770 28 111 54	MENCE NANCE =	EROSION CONTROL EACH 1 - 1 - 1 - 1	EMERGENCY EROSION CONTROL EACH 1 - 1 - 1 - 1	TURBII BARRI SY - - - - - 79 69
10 10 10 10 10	8+32 9+34.75 9+34.75 - 9+84.75 10+15.25 - 10+65.25 10+60 10+65.25 - 12+04.61	LT & RT MAINLINE MAINLINE RT LT & RT TOTAL 0010 MAINLINE	TACK COAT GAL 4 10 9 - 4 27 18	ASPHALTIC SURFACE TON 13 33 31 - 14 91 58	ASPHALTIC FLUMES SY 8 - 8 -	PAVED SHOULDERS ROADWAY & PAVED SHOULDERS ROADWAY & PAVED SHOULDERS ASPHALT FLUME PAVED SHOULDERS ROADWAY	0010 0010 0010 0010 0010 0010 0010	8+32 - 9+75 8+55 - 9+75 10+25 - 11+46 10+25 - 12+05 8+32 - 8+55 11+46 - 12+50	RT LT RT LT UNDISTRIBUTED WEST ABUTMENT EAST ABUTMENT TOTAL 0010 LT RT	167 128 136 185 154 770 28 110 54	NCE MAINTEI 16 12 13 13 18 15 770 28 110	MENCE NANCE =	EROSION CONTROL EACH 1 - 1 - 1 - 1	EMERGENCY EROSION CONTROL EACH 1 - 1 - 1 - 1	TURBII BARRI SY - - - - - 79 69
010 010 010 010 010 010	8+32 9+34.75 9+34.75 - 9+84.75 10+15.25 - 10+65.25 10+60 10+65.25 - 12+04.61	LT & RT MAINLINE MAINLINE RT LT & RT TOTAL 0010 MAINLINE MAINLINE	TACK COAT GAL 4 10 9 - 4 27 18 33	ASPHALTIC SURFACE TON 13 33 31 - 14 91 58 107	ASPHALTIC FLUMES SY 8 - 8 8	PAVED SHOULDERS ROADWAY & PAVED SHOULDERS ROADWAY & PAVED SHOULDERS ASPHALT FLUME PAVED SHOULDERS ROADWAY	0010 0010 0010 0010 0010 0010 0010 0030 0030 0030	8+32 - 9+75 8+55 - 9+75 10+25 - 11+46 10+25 - 12+05 8+32 - 8+55 11+46 - 12+50	RT LT RT LT UNDISTRIBUTED WEST ABUTMENT EAST ABUTMENT TOTAL 0010 LT RT LT	167 128 136 185 154 770 28 110 54	NCE MAINTEI LF 16 123 130 185 - 770 28 110 54 48	0 8 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	EROSION CONTROL EACH 1 - 1 - 1 - 1	EMERGENCY EROSION CONTROL EACH 1 - 1 - 1 - 1	TURBIE BARRI SY - - - - 79 69 148 - - -
010 010 010 010 010 010	8+32 9+34.75 9+34.75 - 9+84.75 10+15.25 - 10+65.25 10+60 10+65.25 - 12+04.61	LT & RT MAINLINE MAINLINE RT LT & RT TOTAL 0010 MAINLINE MAINLINE TOTAL 0030	TACK COAT GAL 4 10 9 - 4 27 18 33	ASPHALTIC SURFACE TON 13 33 31 - 14 91 58 107	ASPHALTIC FLUMES SY 8 - 8 - 0	PAVED SHOULDERS ROADWAY & PAVED SHOULDERS ROADWAY & PAVED SHOULDERS ASPHALT FLUME PAVED SHOULDERS ROADWAY	0010 0010 0010 0010 0010 0010 0010 0030 0030 0030	8+32 - 9+75 8+55 - 9+75 10+25 - 11+46 10+25 - 12+05 8+32 - 8+55 11+46 - 12+50	RT LT RT LT UNDISTRIBUTED WEST ABUTMENT EAST ABUTMENT TOTAL 0010 LT RT LT UNDISTRIBUTED	167 128 136 185 154 770 28 110 54	NCE MAINTEI 16 123 130 185 - 770 28 110 54 48	MENCE NANCE =	EROSION CONTROL EACH 1 - 1 - 1 - 3 3	EMERGENCY EROSION CONTROL EACH 1 - 1 - 1 - 3	TURBIC BARRIE SY - - - -
010 010 010 010 010	8+32 9+34.75 9+34.75 - 9+84.75 10+15.25 - 10+65.25 10+60 10+65.25 - 12+04.61 8+32 - 9+34.75 10+65.25 - 12+50	LT & RT MAINLINE MAINLINE RT LT & RT TOTAL 0010 MAINLINE MAINLINE TOTAL 0030	TACK COAT GAL 4 10 9 - 4 27 18 33	ASPHALTIC SURFACE TON 13 33 31 - 14 91 58 107	ASPHALTIC FLUMES SY 8 - 8 - 0 8	PAVED SHOULDERS ROADWAY & PAVED SHOULDERS ROADWAY & PAVED SHOULDERS ASPHALT FLUME PAVED SHOULDERS ROADWAY	0010 0010 0010 0010 0010 0010 0010	8+32 - 9+75 8+55 - 9+75 10+25 - 11+46 10+25 - 12+05 8+32 - 8+55 11+46 - 12+50	RT LT RT UNDISTRIBUTED WEST ABUTMENT EAST ABUTMENT TOTAL 0010 LT RT LT UNDISTRIBUTED TOTAL 0030 PROJECT TOTAL	167 128 136 185 154 770 28 110 54 48	NCE MAINTEI 16 123 131 185 - 770 28 110 54 48	MENCE NANCE =	EROSION CONTROL EACH 1 - 1 - 1 - 3 0	EMERGENCY EROSION CONTROL EACH 1 - 1 - 1 - 3 0	TURBIE BARRI SY

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								RESTORATION													
CATEGORY	S T/	ATION	TO S	STATION	LOCATION	SA	25.0500 LVAGED OPSOIL SY	628.2008 EROSION MAT URBAN CLASS I TYPE B SY	629.0210 FERTILIZER TYPE B CWT	630.0120 SEEDING MIXTURE NO. 1	630.0200 SEEDING 20 TEMPORARY LB	630.0 SEED W MG	VATER				PA	AVEMENT MARKING	i		
CATEGORY	317	ATION	10 3	STATION	LOCATION		31	31	CVVI	LD	LD	IVIO	JAL								
0010 0010 0010 0010	8 10		-	9+75 9+75 11+46 12+05	RT LT RT LT		84 44 25 62	84 44 25 62	0.10 0.06 0.07 0.09	4 3 3 4	4 3 3 4	2 1 1 2	-							6.1020 NE EPOXY 4-INCH WHITE	
0010		0.23		12.03	2.			02					-		CATEGORY	STATION	TO STATION	LOCATION	LF	LF	— .
0020	0			0.55	TOTAL 0010		215	215	0.32	14	14	6			0010 0010	9+34.75 9+34.75	- 10+65.25 - 10+65.25		- 261	131	
0030 0030		3+32 1+46		8+55 12+50	LT RT		4 2	4 2	0.01 0.05	0 2	0 2	0)		0010		- 10+65.25		-	131	
0030				12+50	LT		7	7	0.02	1	1	0)					CLIDTOTAL 001/) 261	262	_
					TOTAL 0020		12	12	0.00									SUBTOTAL 0010) 261	262	
					TOTAL 0030		13	13	0.08	3	3	1	-					TOTAL 0010		523	
					PROJECT TOTAL	-	228	228 TYPE II SIGNS	0.40	17	17	7	7		0030 0030 0030	8+32 8+32 8+32	9+34.759+34.759+34.75	CENTERLINE RT EDGELINE	206 -	103 - 103	
								<u> </u>							0030	10+65.25		LT EDGE LINE		185	
									624.0612	627 2220					0030 0030	10+65.25 10+65.25		CENTERLINE RT EDGELINE	370 -	- 185	
								ĺ	634.0612 POSTS WOOD	637.2230											_
									X6-INCH X 12-	SIGNS TYPE II								SUBTOTAL 0030	576	576	
		CAT	GORY	' STATIO	ON LOCATION	SIGN NUMBER	R SIGN CODE	SIZE	FT EACH	REFLECTIVE F SF	REMARKS							TOTAL 0030	1	1,152	
		0	010 010 010 010	9+74 9+74 10+2 10+2	4 RT 6 LT	1 2 3 4	W5-52L W5-52R W5-52R W5-52L	12X36 12X36 12X36 12X36	1 1 1	3.0 3.0 3.0 3.0	BRIDGE HASH MAR BRIDGE HASH MAR BRIDGE HASH MAR BRIDGE HASH MAR	KS KS						PROJECT TOTAL		1675	
								TOTAL 0010	4	12.0											
							<u>Re</u> î	MOVING SIGN ITEN	M <u>S</u>												
								638.2602 REMOVING	REMOVIN	G .						TRA	AFFIC CONTROL IT	TEMS			
				CATEGORY	STATION	LOCATIO	SIGN ON NUMBER	SIGNS TYPE I		S	1ARKS				643.03		643.0420 TRAFFIC	643.0705 TRAFFIC	643.0900	643.1050	643.5000
				0010 0010	9+87 9+90	RT LT	1R 2R	1 1	1 1		MIT 35 TONS ASH MARKS				TRAFF CONTR DRUN	OL B	CONTROL ARRICADES TYPE III	CONTROL WARNING LIGHTS TYPE A	TRAFFIC CONTROL SIGNS	TRAFFIC CONTROL SIGNS PCMS	TRAFFIC CONTROL
				0010	9+91	RT		1	1			CATEGORY		LOCATION	DAY		DAY	DAY	DAY	DAY	EACH
				0010	10+16	LT	4R	1	1		ASH MARKS	0040	7 5 47	ADVANCED MARRIES	70					1.4	
				0010 0010	10+18 10+22	RT LT	5R 6R	1 1	1 1		ASH MARKS MIT 35 TONS	0010 0010	/-DAY	ADVANCED WARNING PROJECT	70 -		- 1,260	- 1,960	- 980	14 -	- 1
						TOTAL 00	010	6	6					TOTAL 0010	70		1,260	1,960	980	14	1
PROJECT NO:	892	25-03-	71			HW	Y: CTH Q			COUNTY: DU	NN		М	ISCELLANEOUS QU	IANTITIES					SHEET	

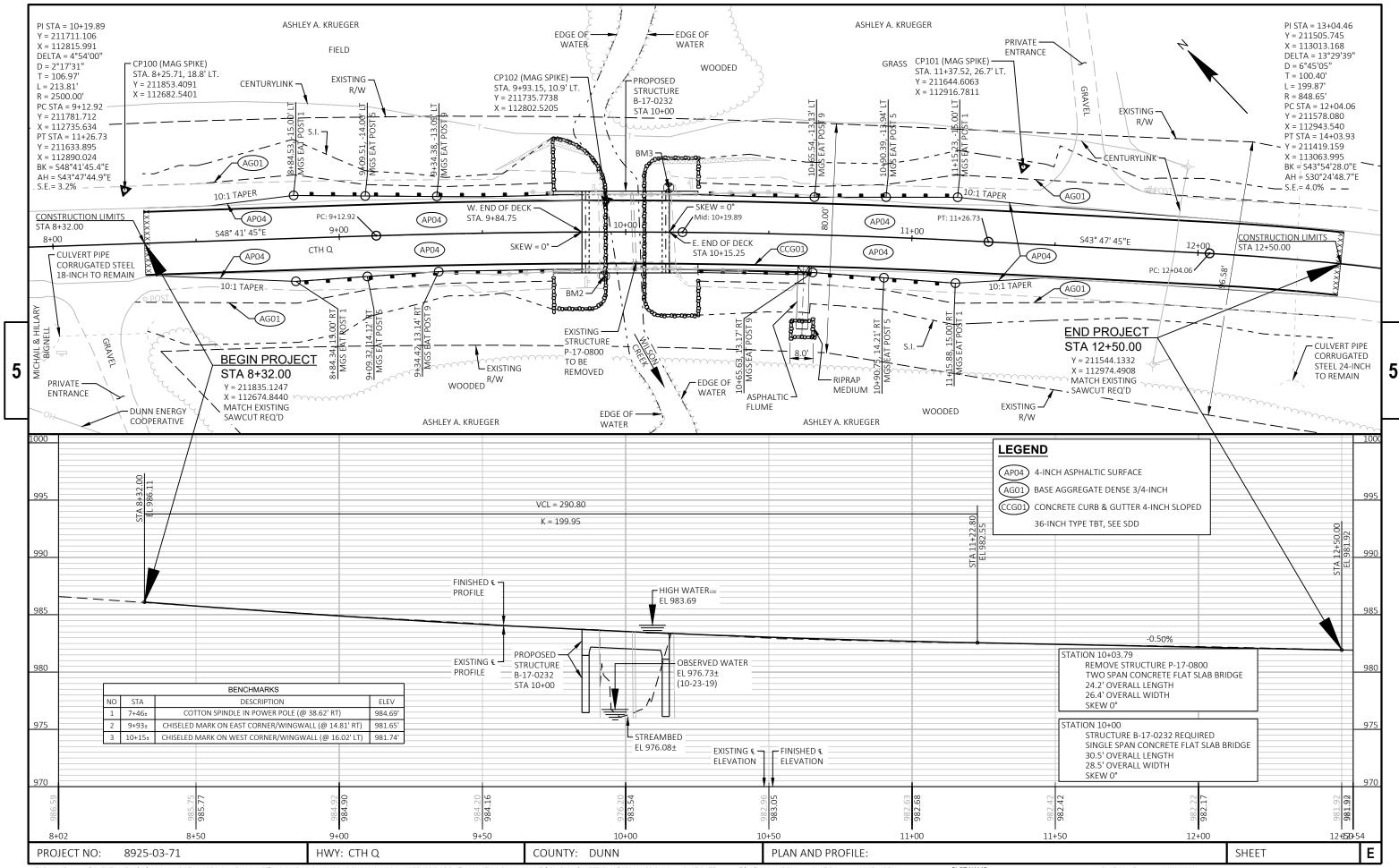
CONSTRUCTION STAKING

					650.4500	650.5000	650.9910.01 CONSTRUCTION STAKING SUPPLEMENTAL	650.9920
					CONSTRUCTION		CONTROL	CONSTRUCTION
					STAKING	CONSTRUCTION	(PROJECT) (01.	STAKING SLOPE
					SUBGRADE	STAKING BASE	8925-03-71)	STAKES
CATEGORY	STATION	ТО	STATION	LOCATION	LF	LF	LS	LF
0010	8+32	-	9+84.75	MAINLINE	-	-	-	153
0010	9+34.75	-	9+84.75	MAINLINE	50	50	-	-
0010	10+15.25	-	10+65.25	MAINLINE	50	50	-	-
0010	10+15.25	-	12+04.61	MAINLINE	=	=	-	189
0010				PROJECT	-	-	1	-
				TOTAL 0010	100	100	1	342
0030	8+32	-	9+34.75	MAINLINE	103	103	-	-
0030	10+65.25	-	12+50	MAINLINE	185	185	-	-
0030	12+04.61	-	12+50	MAINLINE	-	-	-	46
				TOTAL 0030	288	288	0	46
				PROJECT TOTAL	388	388	1	388

<u>SAWCUT</u>

			690.0150
			SAWING
			ASPHALT
CATEGORY	STATION	LOCATION	LF
0010	8+32.00	CTH Q	24
0010	12+50.00	CTH Q	23
		TOTAL 0010	47

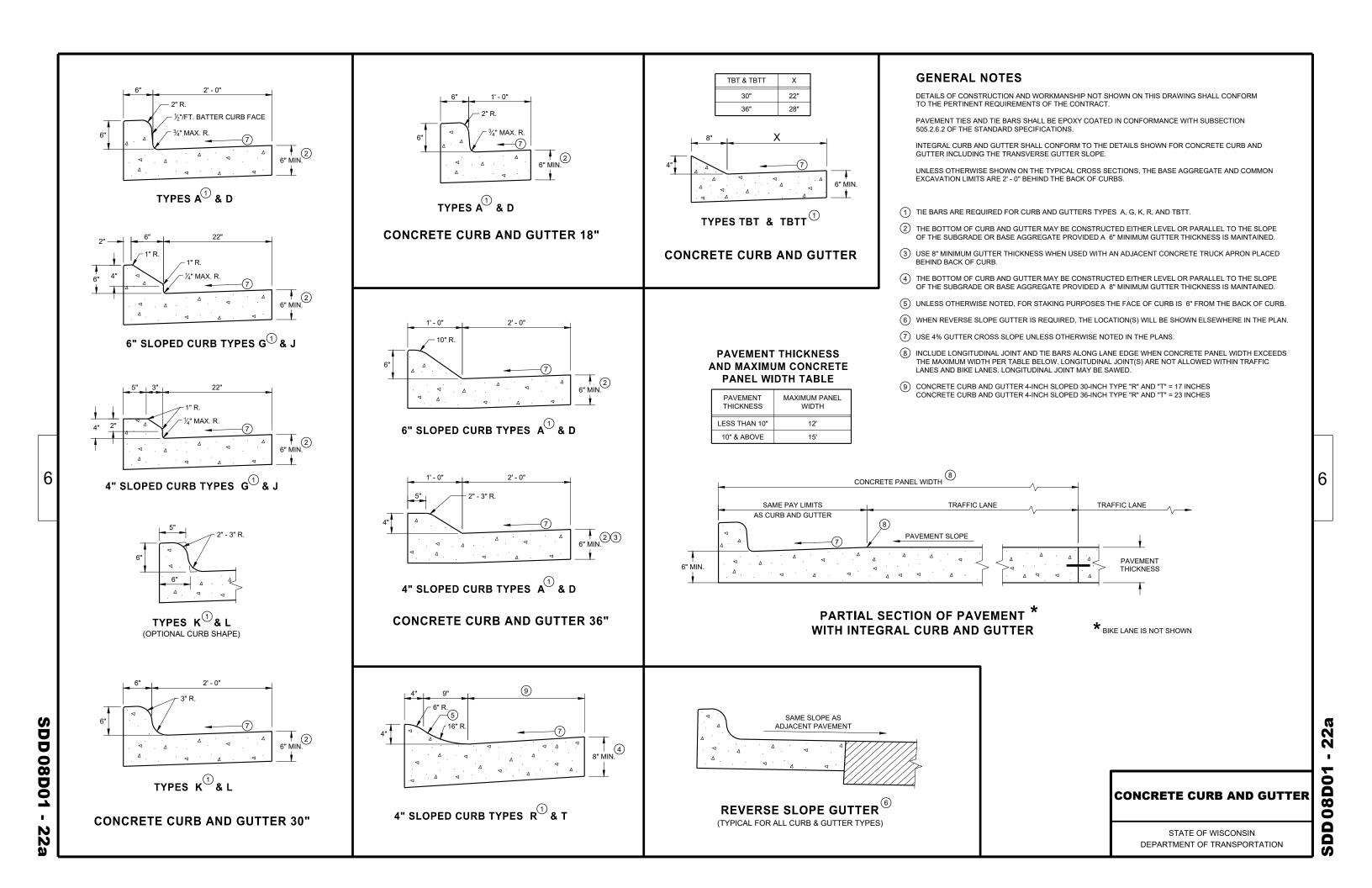
SHEET E HWY: CTH Q COUNTY: DUNN PROJECT NO: 8925-03-71 MISCELLANEOUS QUANTITIES



Standard Detail Drawing List

08D01-22A	CONCRETE CURB & GUTTER
08D01-22B	CONCRETE CURB, TIES AND CURB AND GUTTER APPLICATIONS
08D04-05	CONCRETE SURFACE DRAINS & ASPHALTIC FLUMES
08E09-06	SILT FENCE
08E11-02	TURBI DI TY BARRI ER
12A03-10	NAME PLATE (STRUCTURES)
14B42-07A	
14B42-07B	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B42-07C	
14B42-07D	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B44-04A	MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)
14B44-04B	
14B44-04C	
14B45-05A	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05B	
14B45-05C	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05D	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
15C02-08A	
15C02-08B	BARRICADES AND SIGNS FOR VARIOUS CLOSURES
15C08-20A	
	TEMPORARY TRAFFIC CONTROL SIGN MOUNTING
15D38-02B	ATTACHMENT OF SIGNS TO POSTS

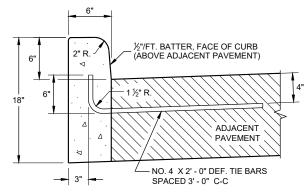
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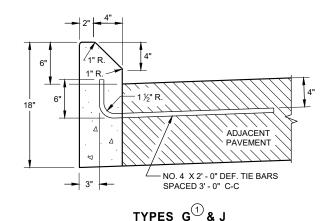
DEPRESS BELOW NORMAL FLOWLINE TO MATCH GRATE ELEVATION GRATE ELEVATION AS SHOWN ON STORM SEVER DETAILS CURB AND GUTTER TYPE A ANDREWS AND ANDREWS AND ANDREWS AND ANDREWS ANDREWS AND A

DETAIL OF CURB AND GUTTER AT INLETS

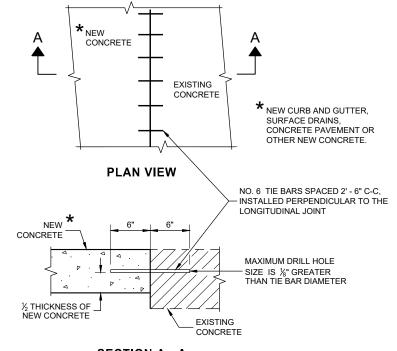
(TYPICAL H INLET COVER SHOWN)



TYPES A D



CONCRETE CURB



SECTION A - A

TIE BARS DRILLED INTO EXISTING PAVEMENT

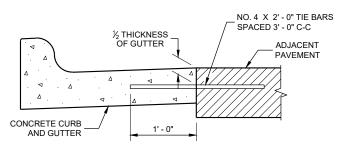
GENERAL NOTES

DETAILS OF CONSTRUCTION AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

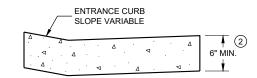
PAVEMENT TIES AND TIE BARS SHALL BE EPOXY COATED IN CONFORMANCE WITH SUBSECTION 505.2.6.2 OF THE STANDARD SPECIFICATIONS.

UNLESS OTHERWISE SHOWN ON THE TYPICAL CROSS SECTIONS, THE BASE AGGREGATE AND COMMON EXCAVATION LIMITS ARE 2'- 0" BEHIND THE BACK OF CURBS.

- 1) TIE BARS ARE REQUIRED FOR CURB AND GUTTERS TYPES A, G, K, R, AND TBTT.
- (2) THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.
- 9 REFER TO SDD 08D18 AND 08D19 FOR ADDITIONAL DRIVEWAY ENTRANCE CURB DETAILS.



TYPICAL TIE BAR LOCATION $^{\scriptsize{\scriptsize{\scriptsize{\scriptsize{\scriptsize{1}}}}}}$



DRIVEWAY ENTRANCE CURB (WHEN DIRECTED BY THE ENGINEER)

CONCRETE CURB, TIES AND CURB AND GUTTER APPLICATIONS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

 APPROVED
 /s/ Rodnery Taylor

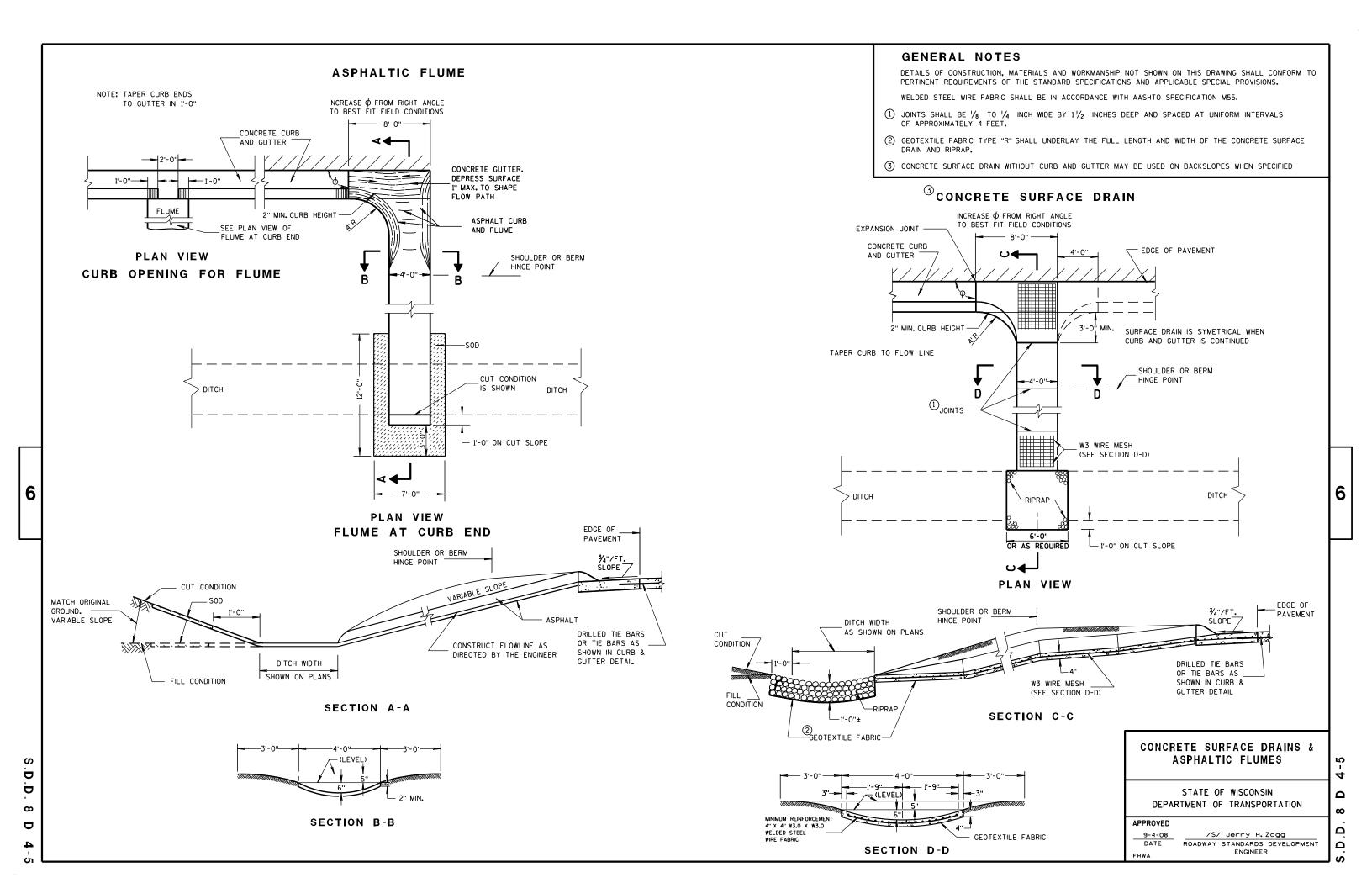
 February 2021
 /s/ Rodnery Taylor

 DATE
 ROADWAY STANDARDS DEVELOPMENT

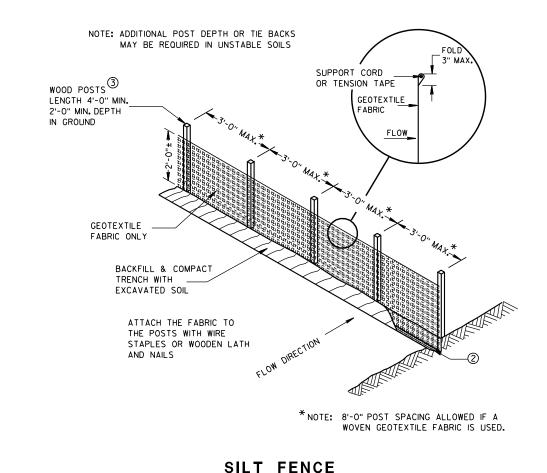
 EHWIA
 ENGINEER

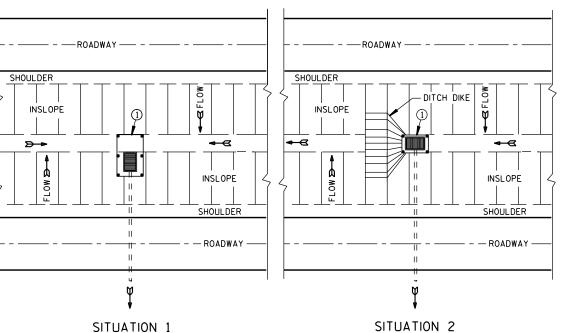
SDD 08D01 - 22I

SDD 08D01 - 22

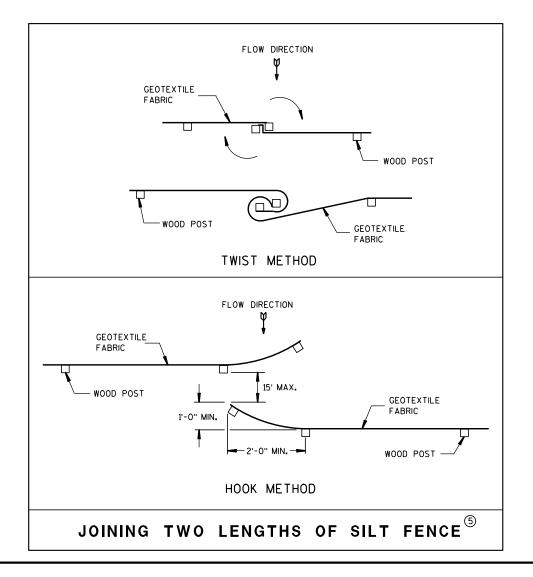


TYPICAL APPLICATION OF SILT FENCE





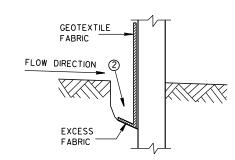
PLAN VIEW SILT FENCE AT MEDIAN SURFACE DRAINS



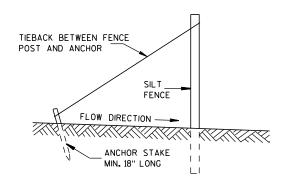
GENERAL NOTES

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

- ① 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



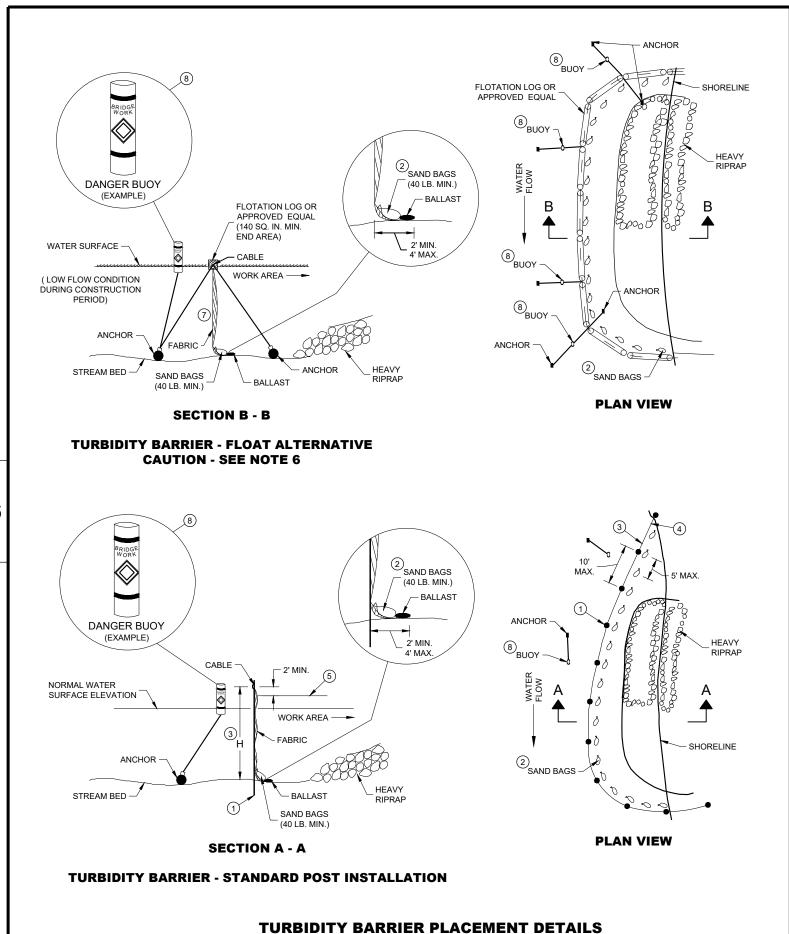
SILT FENCE TIE BACK (WHEN REQUIRED BY THE ENGINEER)

SILT FENCE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION APPROVED 4-29-05 /S/ Beth Cannestra CHIEF ROADWAY DEVELOPMENT ENGINEER

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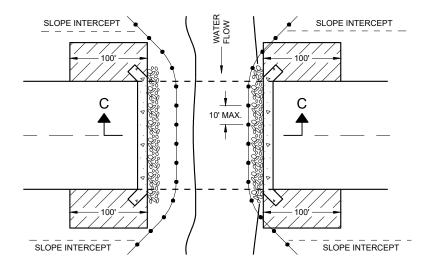


GENERAL NOTES

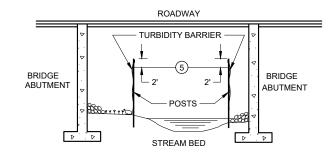
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

TURBIDITY BARRIER MAY BE REMOVED AT THE ENGINEERS DISCRETION, WHEN PERMANENT EROSION CONTROL MEASURES HAVE BEEN ESTABLISHED.

- ① DRIVEN STEEL POSTS, PIPES, OR CHANNELS. LENGTH SHALL BE SUFFICIENT TO SECURELY SUPPORT BARRIER AT HIGH
- (2) SAND BAGS TO BE USED AS ADDITIONAL BALLAST WHEN ORDERED BY THE ENGINEER TO MEET ADVERSE FIELD CONDITIONS. SPACE AS APPROPRIATE FOR SITE CONDITIONS.
- (3) WHEN BARRIER HEIGHT "H" EXCEEDS 8 FEET, POST SPACING MAY NEED TO BE DECREASED.
- (4) IN WATERWAYS SUBJECT TO FLUCTUATING WATER ELEVATIONS, PROVISIONS SHOULD BE MADE TO ALLOW THE WATER TO EQUALIZE ON EACH SIDE OF THE BARRIER. THIS MAY BE ACCOMPLISHED BY LEAVING A PORTION OF THE BARRIER OPEN ON
- (5) ESTIMATED HIGH WATER ELEVATION DURING CONSTRUCTION PERIOD. MINIMUM BARRIER HEIGHT SHALL BE 2' GREATER THAN EITHER THE Q2 ELEVATION OR THE ESTIMATED HIGH WATER ELEVATION DURING CONSTRUCTION, WHICHEVER IS GREATER.
- (6) FLOAT ALTERNATIVE WILL ONLY BE ALLOWED WITH WRITTEN APPROVAL OF THE ENGINEER, AND IS MEANT FOR LOCATIONS WHERE BEDROCK PREVENTS THE INSTALLATION OF POSTS.
- (7) ALLOW SUFFICIENT SLACK VERTICALLY AND HORIZONTALLY SO THAT SEDIMENT BUILD UP WILL NOT SEPARATE OR LOWER THE TURBIDITY BARRIER.
- (8) USE AS DIRECTED BY COAST GUARD OR DNR PERMIT WHEN WORKING IN NAVIGABLE WATERWAYS.



PLAN VIEW



SECTION C - C

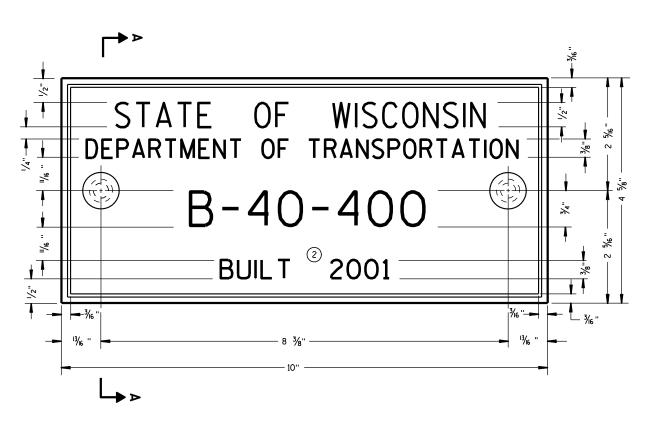
TURBIDITY BARRIER DETAIL SHOWING TYPICAL PLACEMENT AT STRUCTURES

TURBIDITY BARRIER

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION ∞

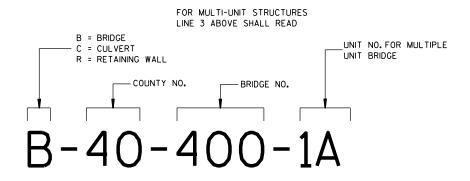
APPROVED	
6/4/02	/S/ Beth Cannestra
DATE	CHIEF ROADWAY DEVELOPMENT
F1 04/4	ENGINEER





TYPICAL NAME PLATE

(BRIDGES, CULVERTS, AND RETAINING WALLS)



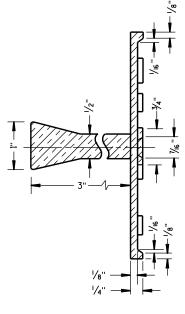
NUMBERING DESIGNATION MULTI-UNIT STRUCTURES

GENERAL NOTES

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.

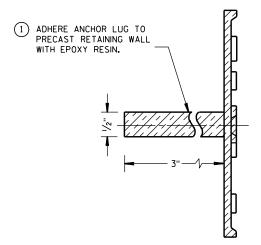
- 1 EPOXY RESIN SHALL BE FROM AN APPROVED MANUFACTURER AND USED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
- REHABILITATION OF AN EXISTING STRUCTURE SHOULD USE THE DATE OF ORIGINAL STRUCTURE CONSTRUCTION.



SPREAD OPEN SO THE
TOP OF LUG IS 11/4" WIDE

SECTION A-A

ALTERNATE LUG



ALTERNATE LUG

(FOR ATTACHMENT TO PRECAST STRUCTURES)

NAME PLATE (STRUCTURES)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

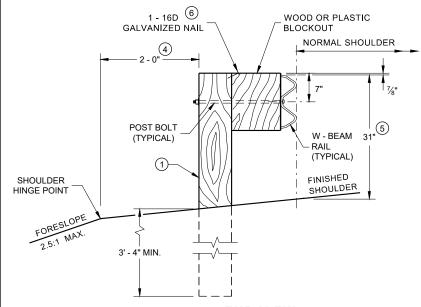
3-10

APPROVED

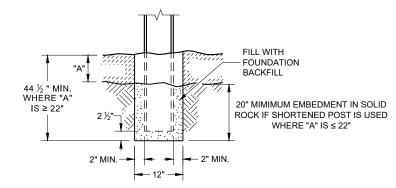
3/26/IO /S/ SCOT BECKET

CHIEF STRUCTURAL DEVELOPMENT ENGINEER

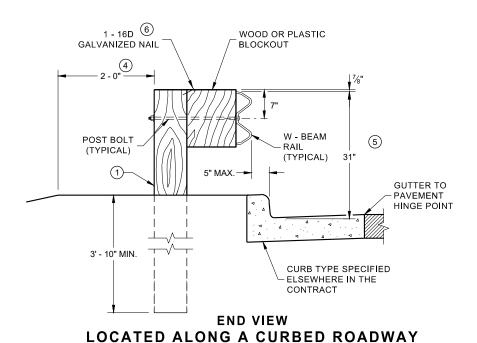
- ② USE WOOD OR APPROVED PLASTIC BLOCKOUTS. WOOD BLOCKOUTS MAY BE CONSTRUCTED OUT OF TWO OR MORE WOOD BLOCKOUTS. SEE ALTERNATE WOOD BLOCKOUT DETAIL. DIMENSIONS OF APPROVED PLASTIC BLOCKOUTS MAY VARY.
- (3) IF ROCK IS ENCOUNTERED DURING EXCAVATION, PROVIDE A HOLE 12 INCHES IN DIAMETER EXTENDING 20 INCHES DEEP INTO THE ROCK. PLACE APPROXIMATELY 2 1/2" INCHES OF GRANULAR MATERIAL IN THE BOTTOM OF THE HOLE. CUT THE POSTS THE TO LENGTH AMD INSTALL. BACKFILL WITH EXCAVATED MATERIAL AND COMPACT. BACKFILL IS TO BE FREE OF LARGE ROCKS.
- 4 WHEN THE DISTANCE FROM BACK OF POST TO SHOULDER HINGE POINT IS LESS THAN 2 FEET INSTALL LONGER POST AT HALF POST SPACING (K).
- $\fill \ensuremath{\texttt{5}}$ FOR NEW MGS INSTALLATION TOP OF W-BEAM RAIL TOLERANCE IS \$\pm1". FOR EXISTING MGS INSTALLATION TOP OF W-BEAM IS BETWEEN 27 % " TO 32".
- (6) WHEN USING STEEL POST AND WOOD BLOCKOUTS INSTALL FOUR 16D GALVANIZED NAILS. INSTALL NAILS AT THE BACK CORNERS OF THE BLOCK AND BEND THE NAILS OVER THE FLANGE OF THE STEEL POST.
- \bigcirc TOTAL POST LENGTH FOR TYPE K IS 7' 0". TOTAL POST LENGTH FOR OTHER MGS TYPES IS 6' 0".

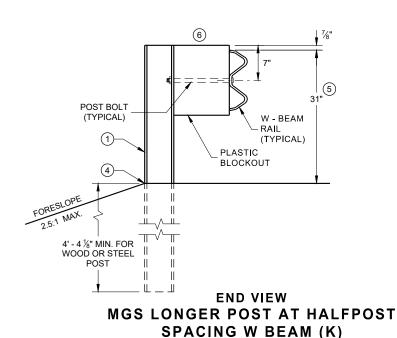


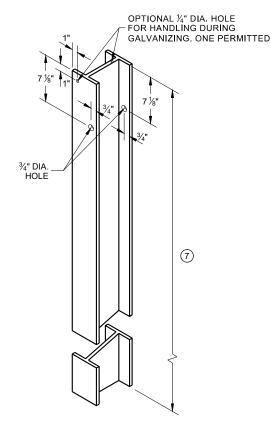
END VIEW
LOCATED ALONG A ROADWAY SHOULDER
STANDARD INSTALLATION



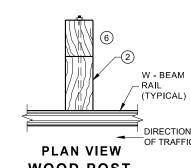
SETTING STEEL OR WOOD POST IN ROCK



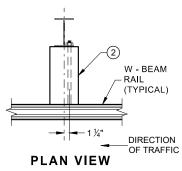




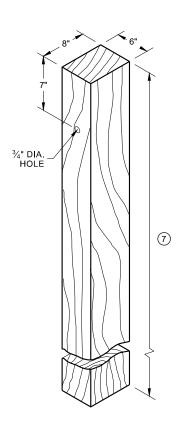
STEEL POST & HOLE PUNCHING DETAIL (W 6 X 9) (1)



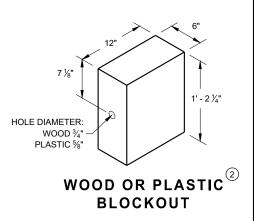
PLAN VIEW
WOOD POST,
BLOCKOUT & BEAM



PLAN VIEW
STEEL POST,
PLASTIC BLOCKOUT & BEAM



WOOD POST (6" X 8") NOMINAL



MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

SDD 14B42 - 0

FRONT VIEW HALF POST SPACING (HS) AND HALF POST SPACING WITH LONGER POSTS (K)

3' 1½" C -C 3' 1½" C - C POST SPACING POST SPACING

6' 3" C - C

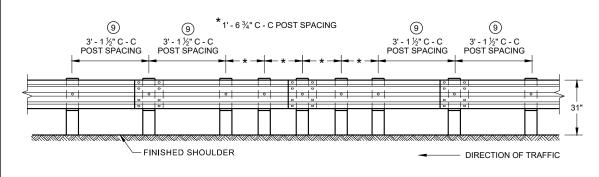
POST SPACING

DIRECTION OF TRAFFIC

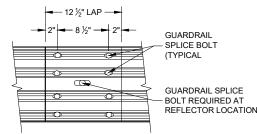
6' - 3" C -C

POST SPACING

FINISHED SHOULDER



FRONT VIEW **QUARTER POST SPACING (QS)**



FRONT VIEW MID-SPAN BEAM SPLICE

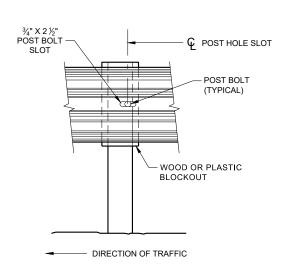
REFLECTOR LOCATIONS

GENERAL NOTES

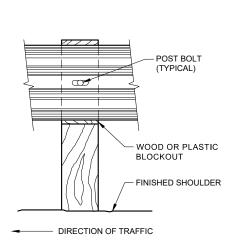
- DO NOT INSTALL REFLECTORS ON THE FIRST 50 FEET OF THE APPROACH END OF THE ENERGY ABSORBING TERMINAL.
- (9) 25 FEET OF HALF POST SPACING IS REQUIRED ON APPROACH AND DEPARTURE ENDS OF QUARTER POST SPACING.

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

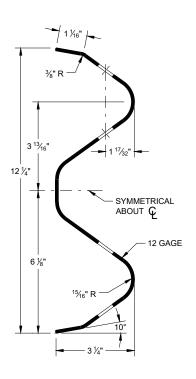
GUARD RAIL SPLICE BOLTS ARE A %" DIAMETER ASTM A307 GUARDRAIL HEAD BOLT. A GUARDRAIL SPLICE BOLT REQUIRES %" DIAMETER A563A DOUBLE RECESSED (DR) HEAVY HEX NUT.



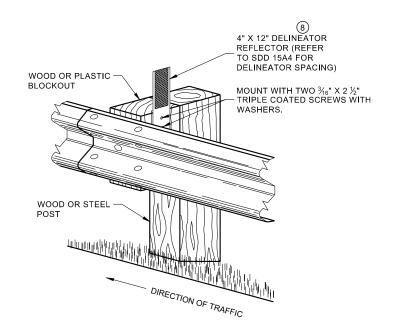
FRONT VIEW AT STEEL POST



FRONT VIEW AT WOOD POST



SECTION THRU W-BEAM RAIL



ONE SIDED REFLECTOR DETAIL AND TYPICAL INSTALLATION

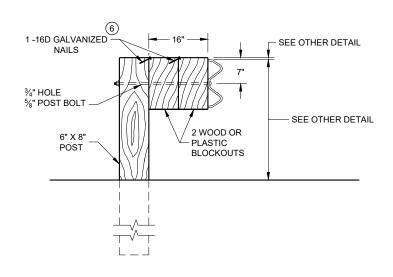
MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL

07b

SDD

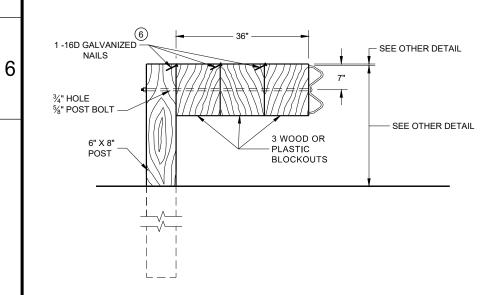
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

6



DETAIL FOR 16" BLOCKOUT DEPTH

IT IS ACCEPTABLE TO USE BLOCKOUTS UP TO 16" DEEP TO INCREASE THE POST OFFSET TO AVOID UNDERGROUND OBSTACLES. THERE IS NO LIMIT TO THE NUMBER OF POSTS THAT CAN HAVE ADDITIONAL BLOCKOUTS UP TO 16" DEEP.



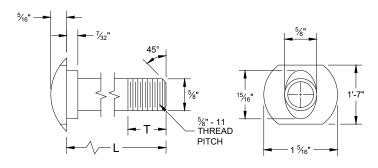
DETAIL FOR 36" BLOCKOUT DEPTH

NOTES: UNDER SPECIAL CIRCUMSTANCES, SUCH AS AVOIDING OBSTACLES THAT ARE NOT RELOCATED, IT IS ACCEPTABLE TO INSTALL ADDITIONAL BLOCKOUTS TO OBTAIN UP TO 36" DEPTH FOR ONE OR TWO POSTS IN A SECTION OF GUARDRAIL.

DO NOT USE 16" OR 36" BLOCKOUTS IF IT CAUSES THE POST TO BE DRIVEN BEYOND SHOULDER HINGE POINT OR CAUSES A FIXED OBJECT TO BE WITHIN THE DEFLECTION DISTANCE OF THE BARRIER.

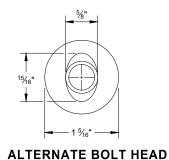
NOTE:

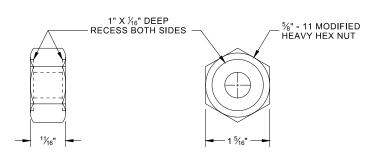
- 1. ALL FILLETS SHALL HAVE A MINIMUM RADIUS OF $\frac{3}{16}$ ".
- 2. IF THE BOLT EXTENDS MORE THAN $\mbox{\ensuremath{\mbox{\sc M}}}\mbox{\sc "}\mbox{\sc FROM THE NUT THE BOLT SHOULD BE TRIMMED BACK.}$



POST BOLT TABLE

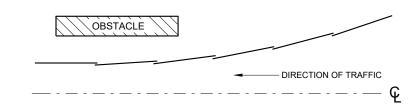
L	T (MIN.)
1 1⁄4"	1 1/4"
2"	1 3/4"
10"	4"
14"	4 1/16"
18"	4"
21"	4 1/16"
25"	4"



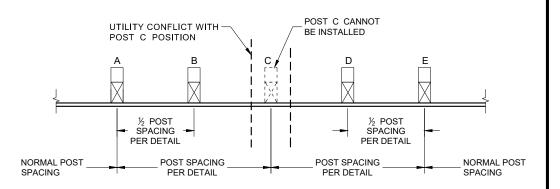


POST BOLT, SPLICE BOLT **AND RECESS NUT**

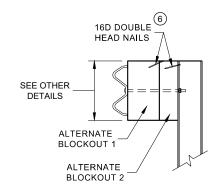
WHEN USING STEEL POST AD WOOD BLOCKOUTS, INSTALL FOUR 16D (6) GALVANIZED NAILS. INSTALL NAILS AT THE BACK CORNERS OF THE BLOCK AND BEND THE NAILS OVER THE FLANGE OF THE STEEL POST.

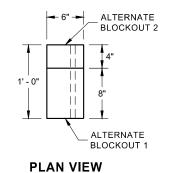


PLAN VIEW BEAM LAPPING DETAIL



POST DRIVING FOR CONTINUOUS UNDERGROUND OBSTRUCTION





SIDE VIEW

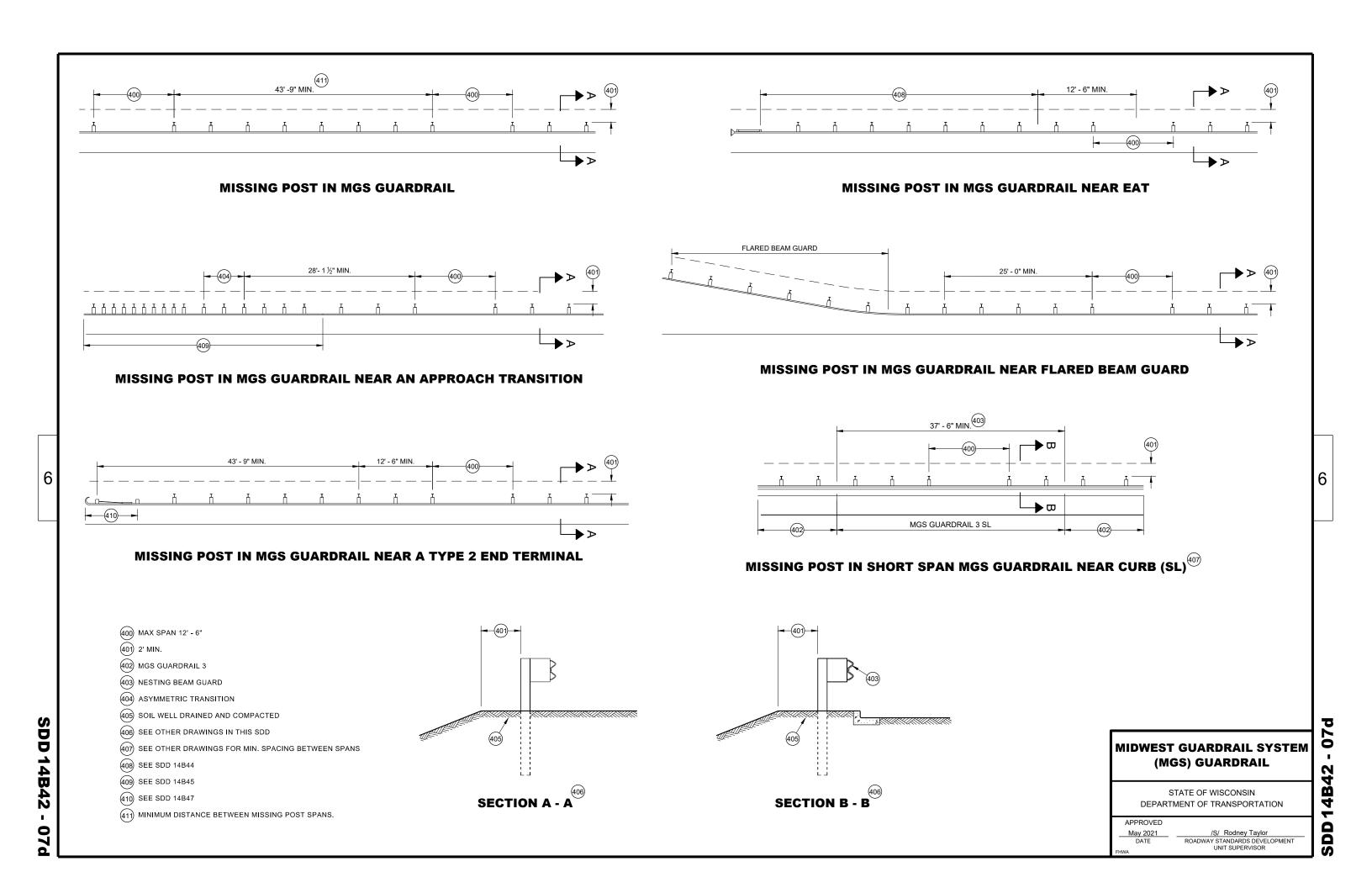
ALTERNATE WOOD BLOCKOUT DETAIL

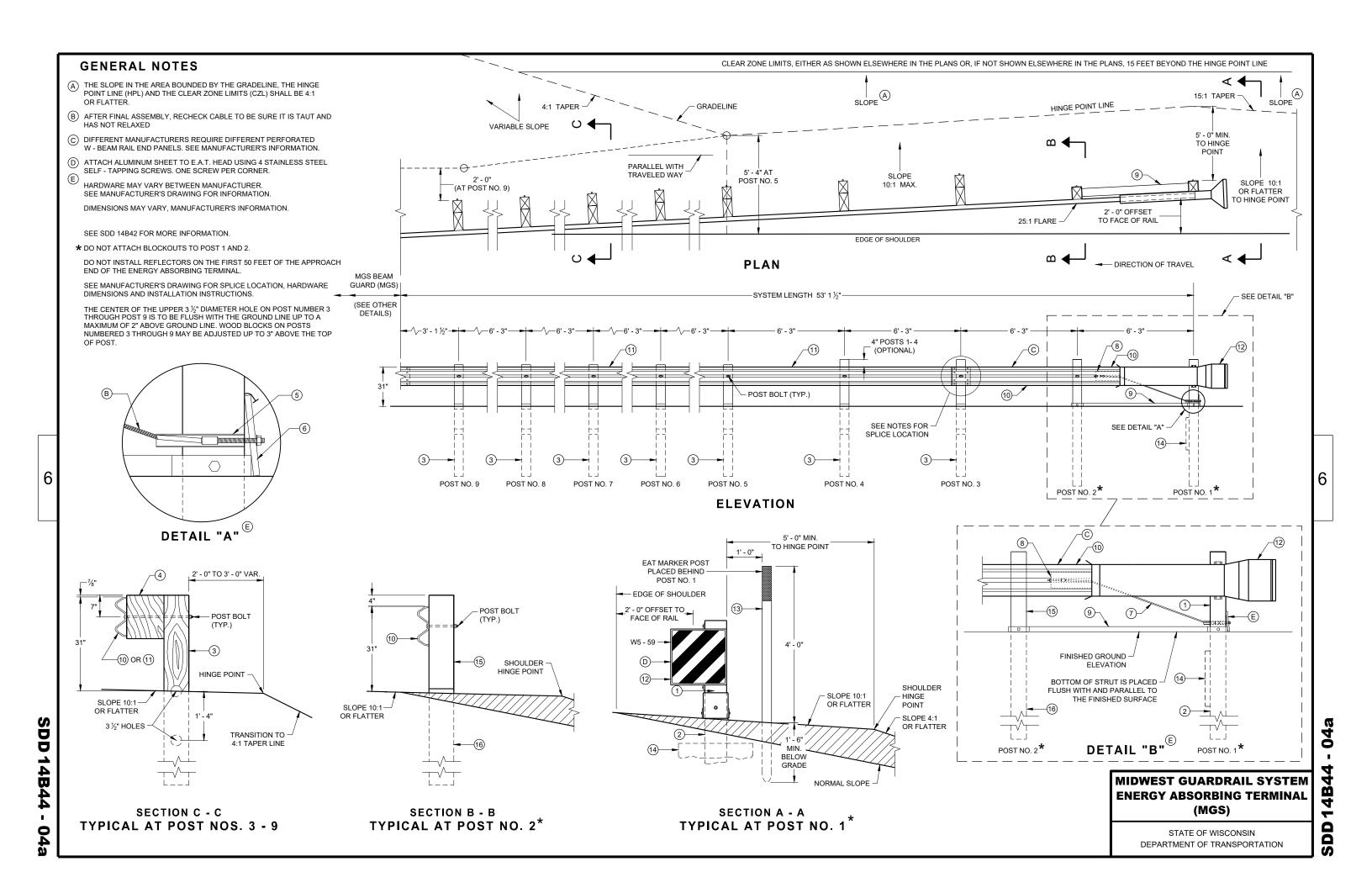
MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL

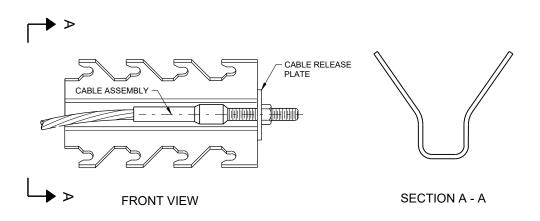
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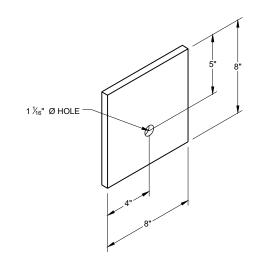
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION







GENERIC ANCHOR CABLE BOX ^{(9) (E)}



BEARING PLATE

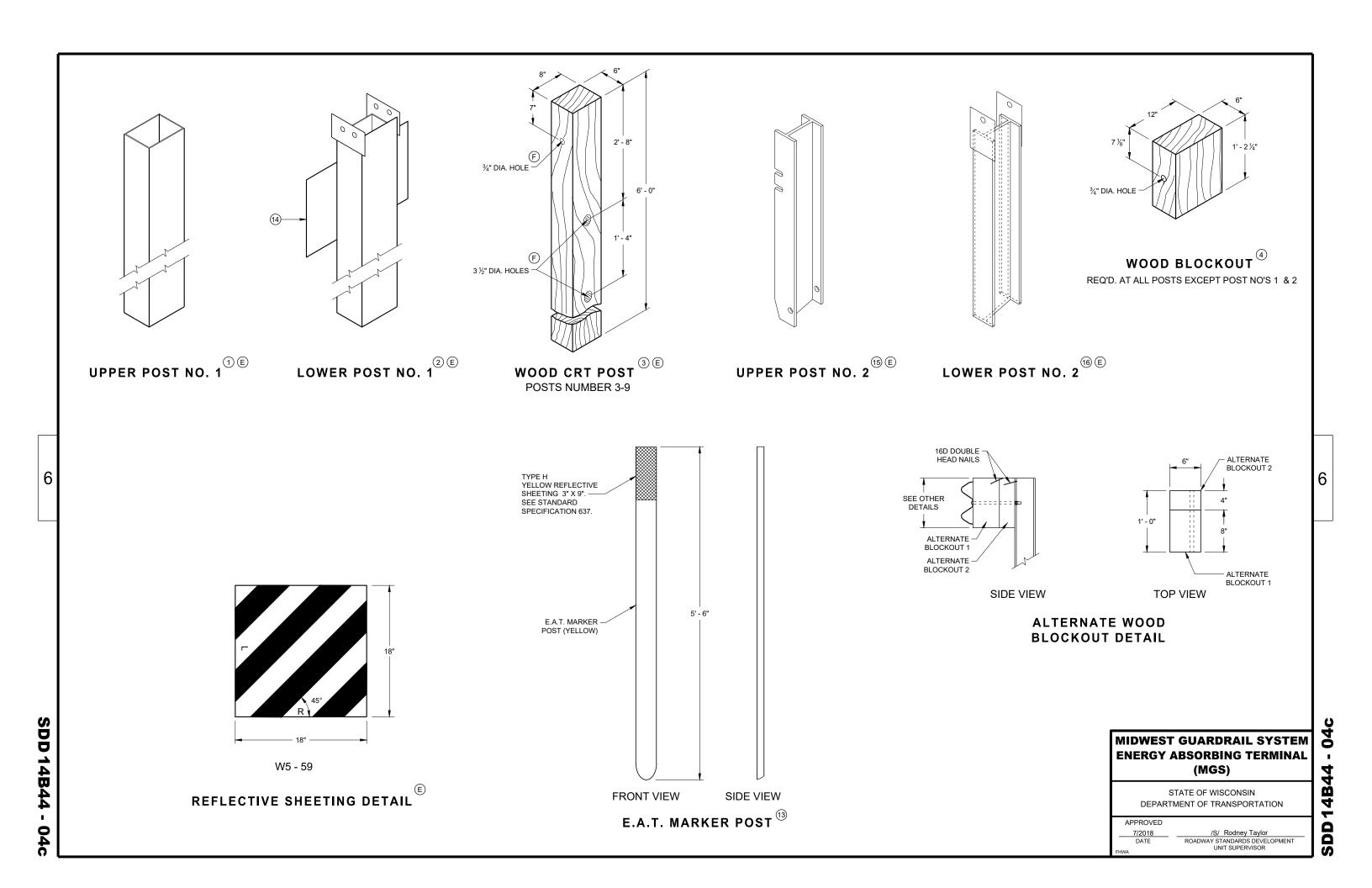
MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)

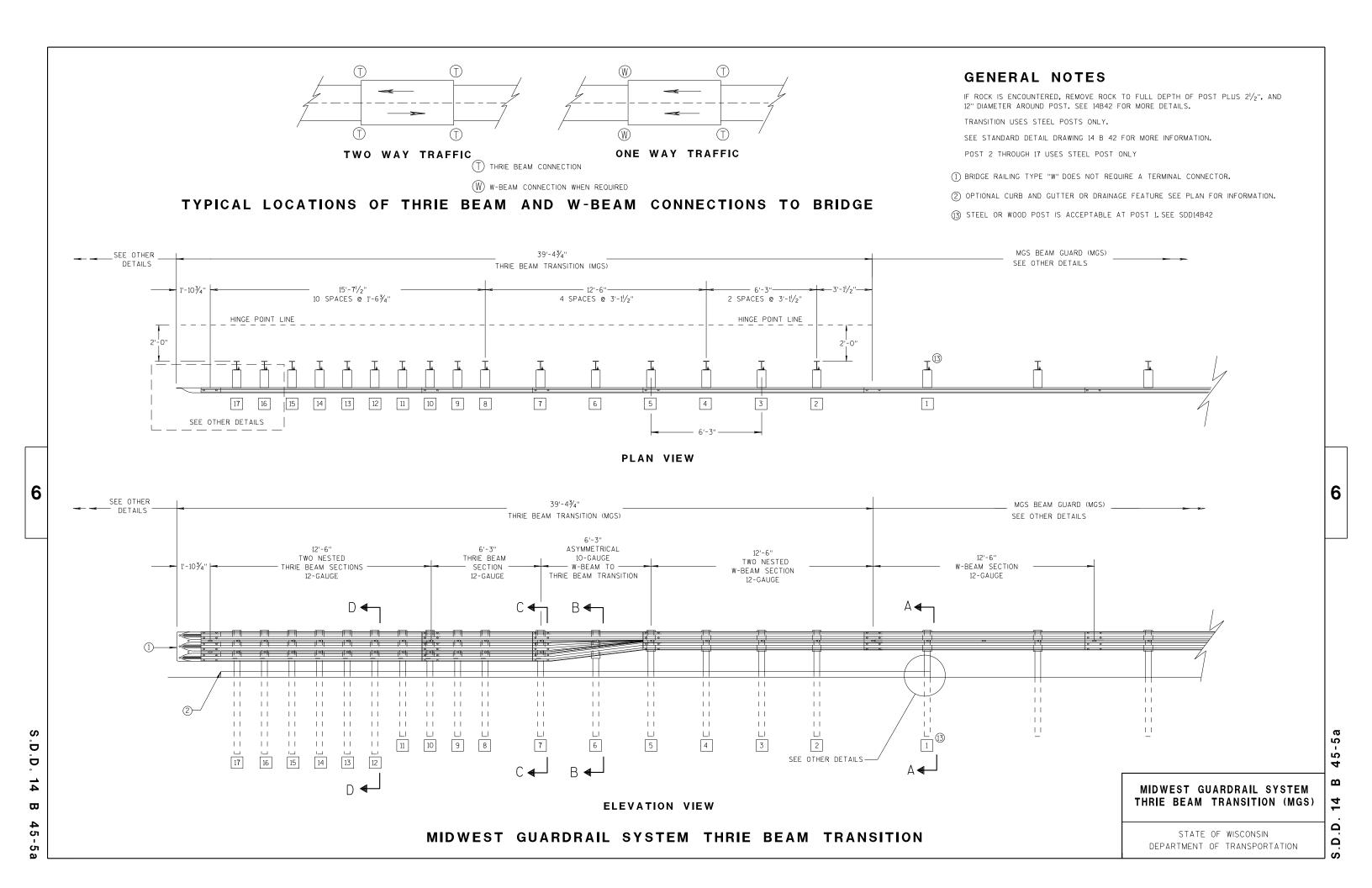
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

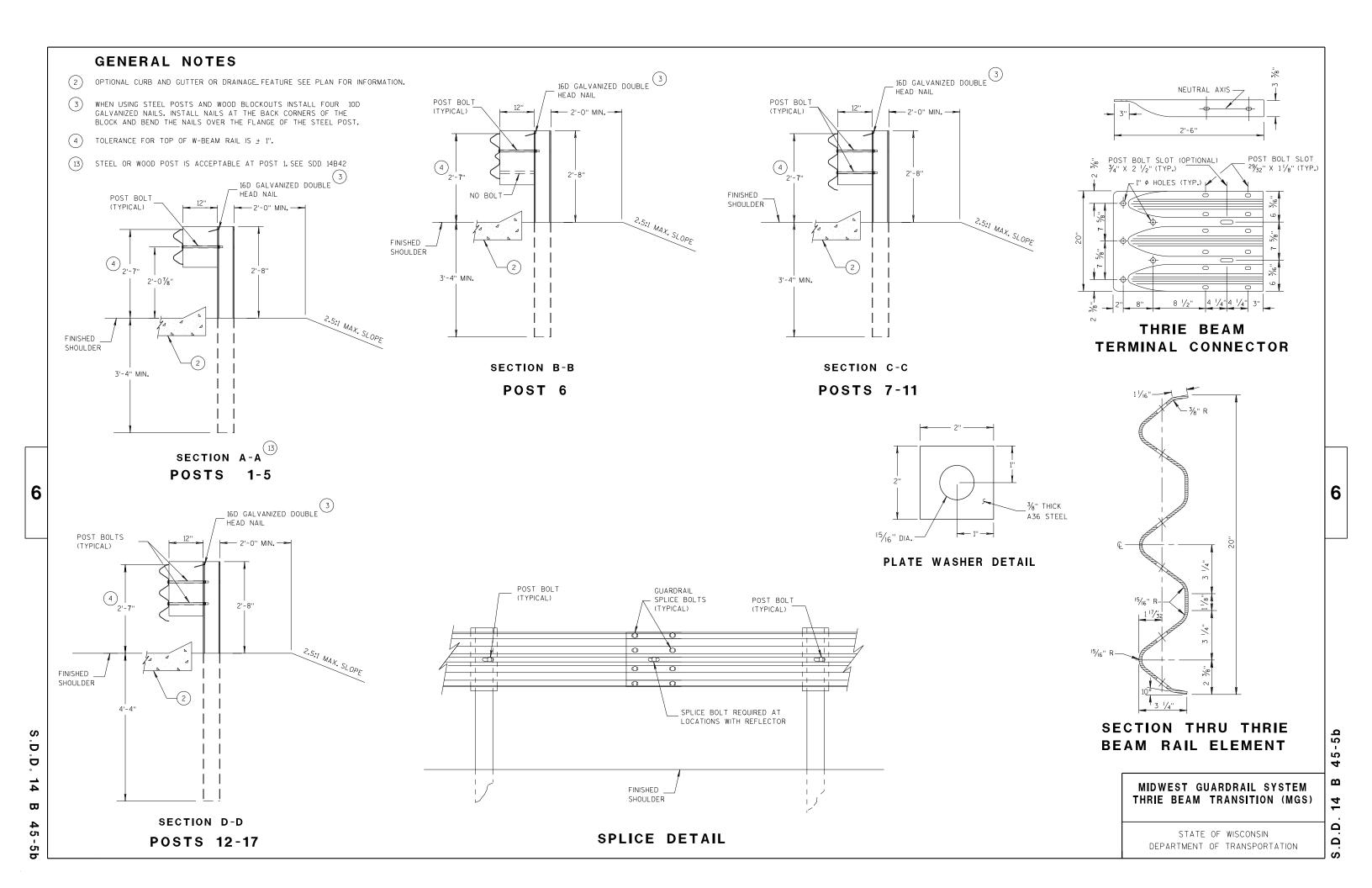
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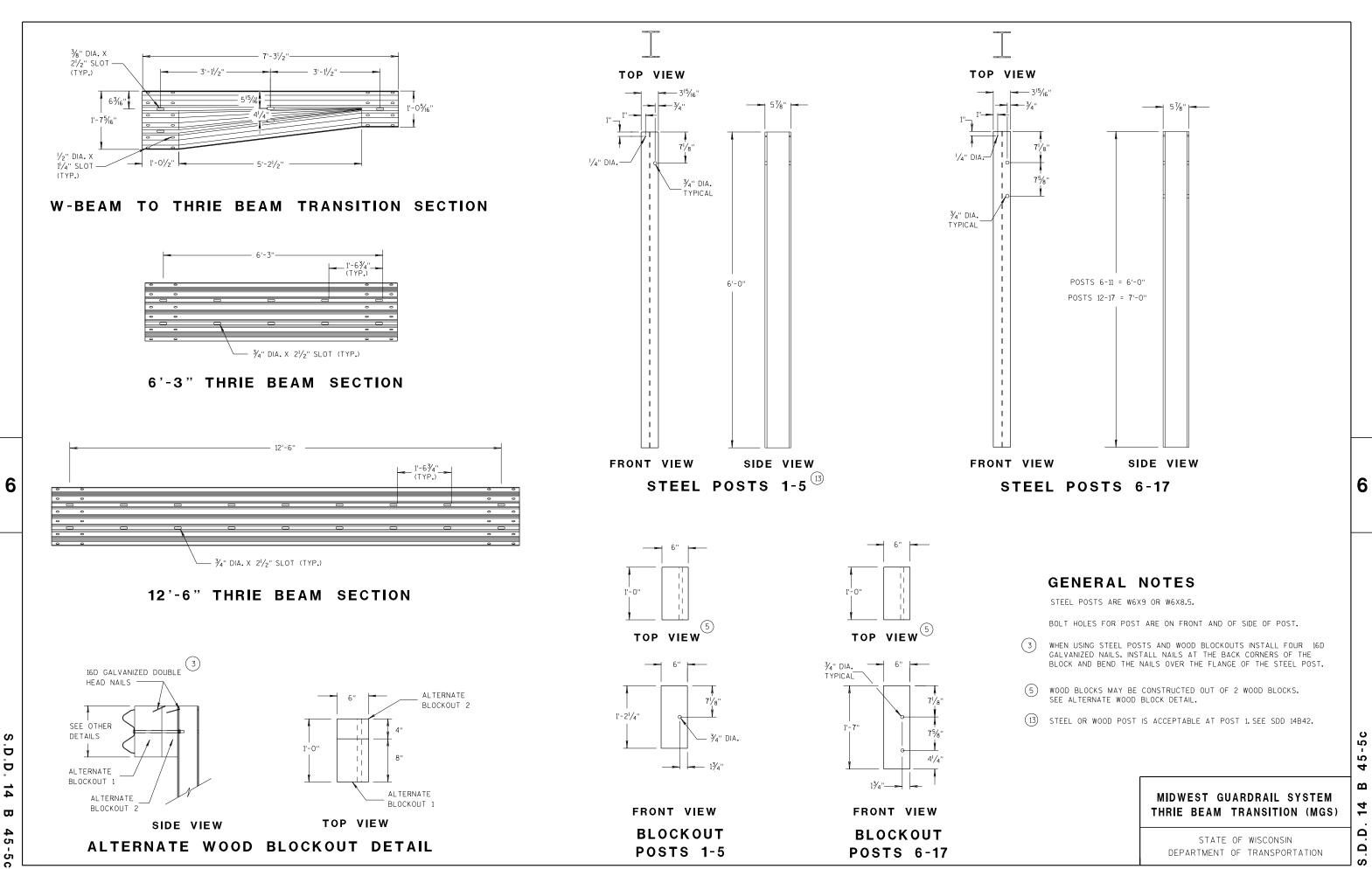
SDD 14B44

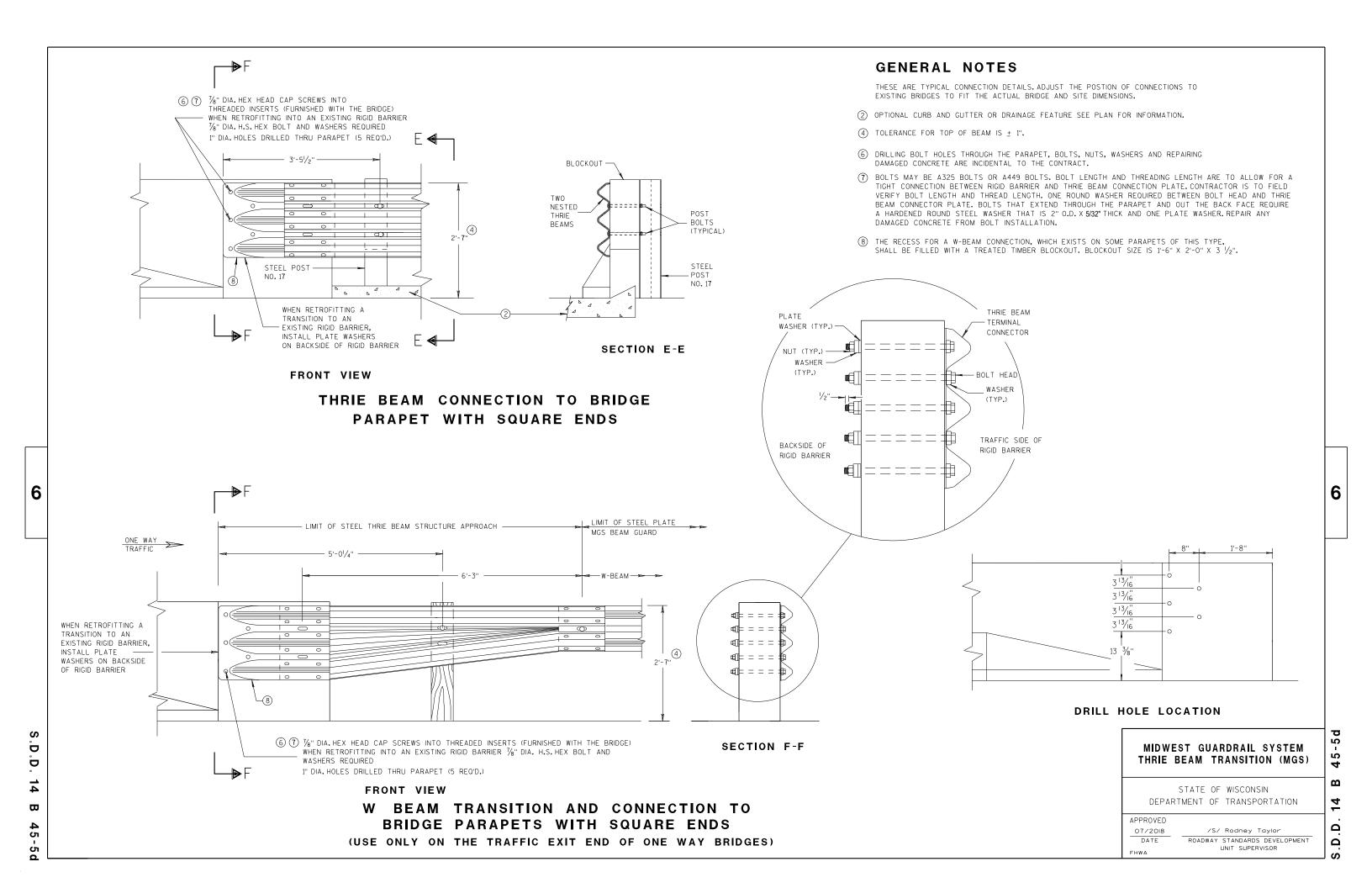
SDD 14B44

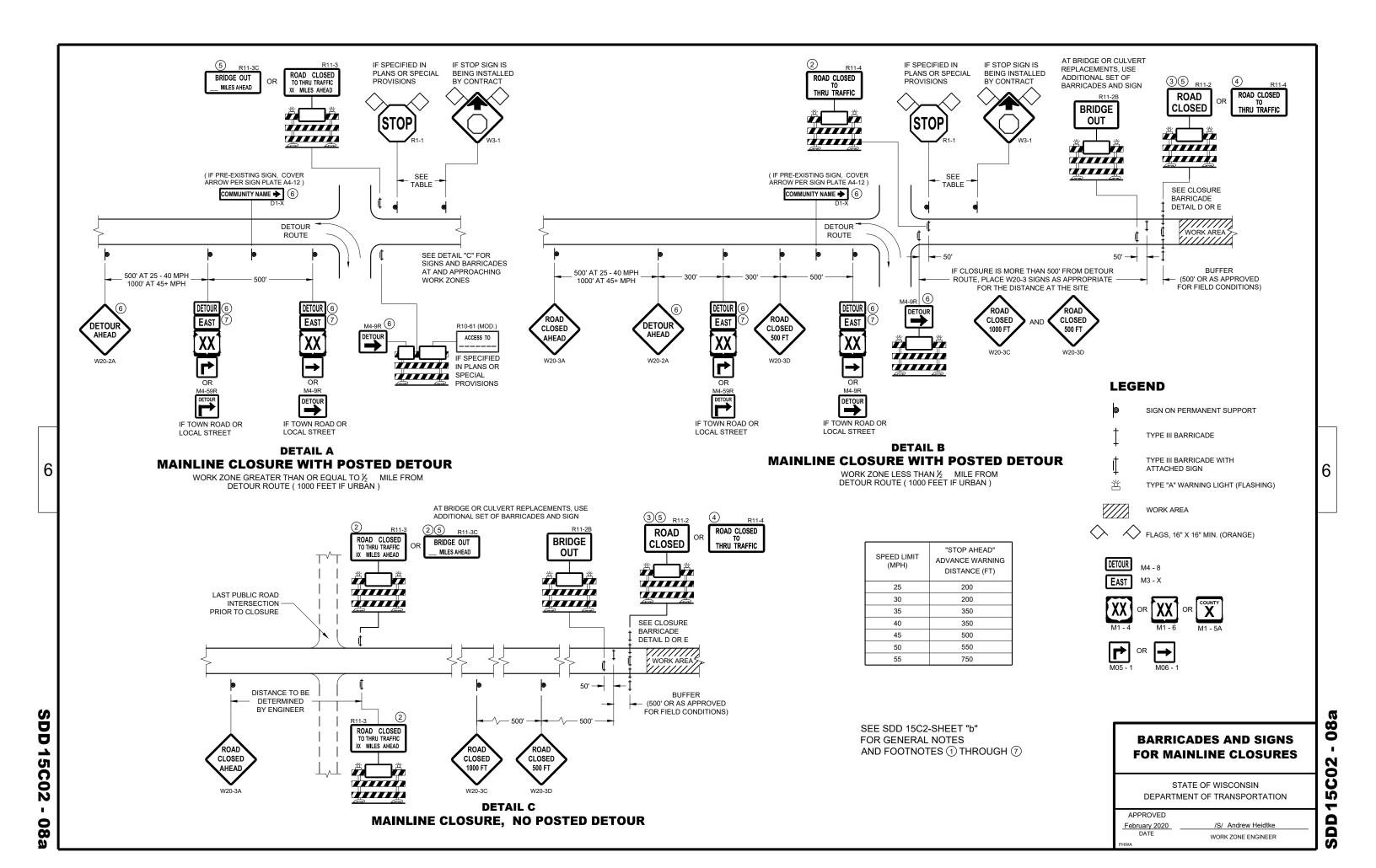


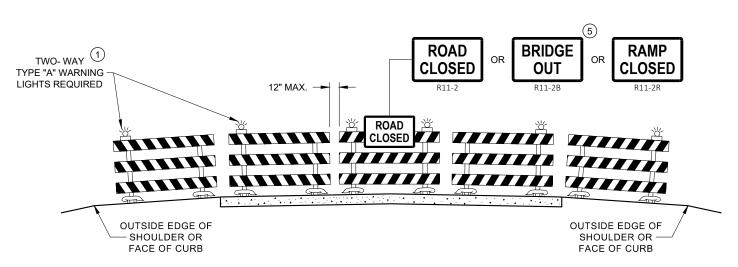




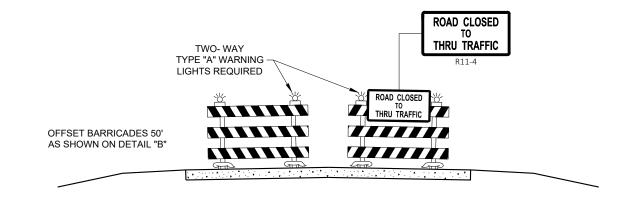








DETAIL D ROAD CLOSURE BARRICADE DETAIL APPROACH VIEW



DETAIL E LANE CLOSURE BARRICADE DETAIL APPROACH VIEW

SEE SDD 15C2 - SHEET "a" FOR LEGEND

GENERAL NOTES

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

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

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

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

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

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

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

THE R11 - 2, R11 - 3, M4 - 9, R11 - 4, AND R10 - 61 SIGNS PLACED ON THE BARRICADES SHALL COVER NO MORE 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)

M1 - 4, M1 - 5A AND M1 - 6 SHALL BE 24" X 24" (36" X 36" IF NEEDED TO MATCH EXISTING SIGNS)

MO5 - 1 AND MO6 - 1 SHALL BE 21" X 21" (30" X 30" IF NEEDED TO MATCH EXISTING SIGNS) D1 - X SHALL BE AS SHOWN ON SPECIFIC PROJECT SIGNING DETAIL SHEETS.

R1 - 1 SHALL BE 36" X 36"

- 1 TWO WARNING LIGHTS SHALL BE PROVIDED ON THE CENTER BARRICADE AND A MINIMUM OF ONE WARNING LIGHT SHALL BE PROVIDED ON EACH OF THE OTHER BARRICADES WITHIN THE ROADWAY LIMITS. SPACING OF THE WARNING LIGHTS SHALL BE UNIFORM TO THE EDGE OF ROADWAY AS SHOWN (APPROX. 8 FOOT LIGHT SPACING.
- 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 ARE EXISTING ROUTE MARKER ASSEMBLIES THAT WILL REMAIN IN PLACE, ADJUST THE LOCATION OF THE DETOUR ROUTE SIGNS TO CORRESPOND WITH THE EXISTING ASSEMBLIES. MODIFY EXISTING SIGNS WHERE POSSIBLE. SEE SPECIFIC PROJECT DETOUR SIGNING DETAIL SHEETS. IF DETOUR SIGNS ARE BEING INSTALLED BY OTHERS, PLACE THE CONTRACTED TRAFFIC CONTROL SIGNS TO ALLOW FOR PLACEMENT OF ALL WARNING, DETOUR AND GUIDE SIGNS AS SHOWN.
- (7) "EAST" CARDINAL DIRECTION MARKERS AND RIGHT TURN ARROWS ARE SHOWN. USE OTHER CARDINAL DIRECTIONS AND ARROWS AS APPROPRIATE.

FOR VARIOUS CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

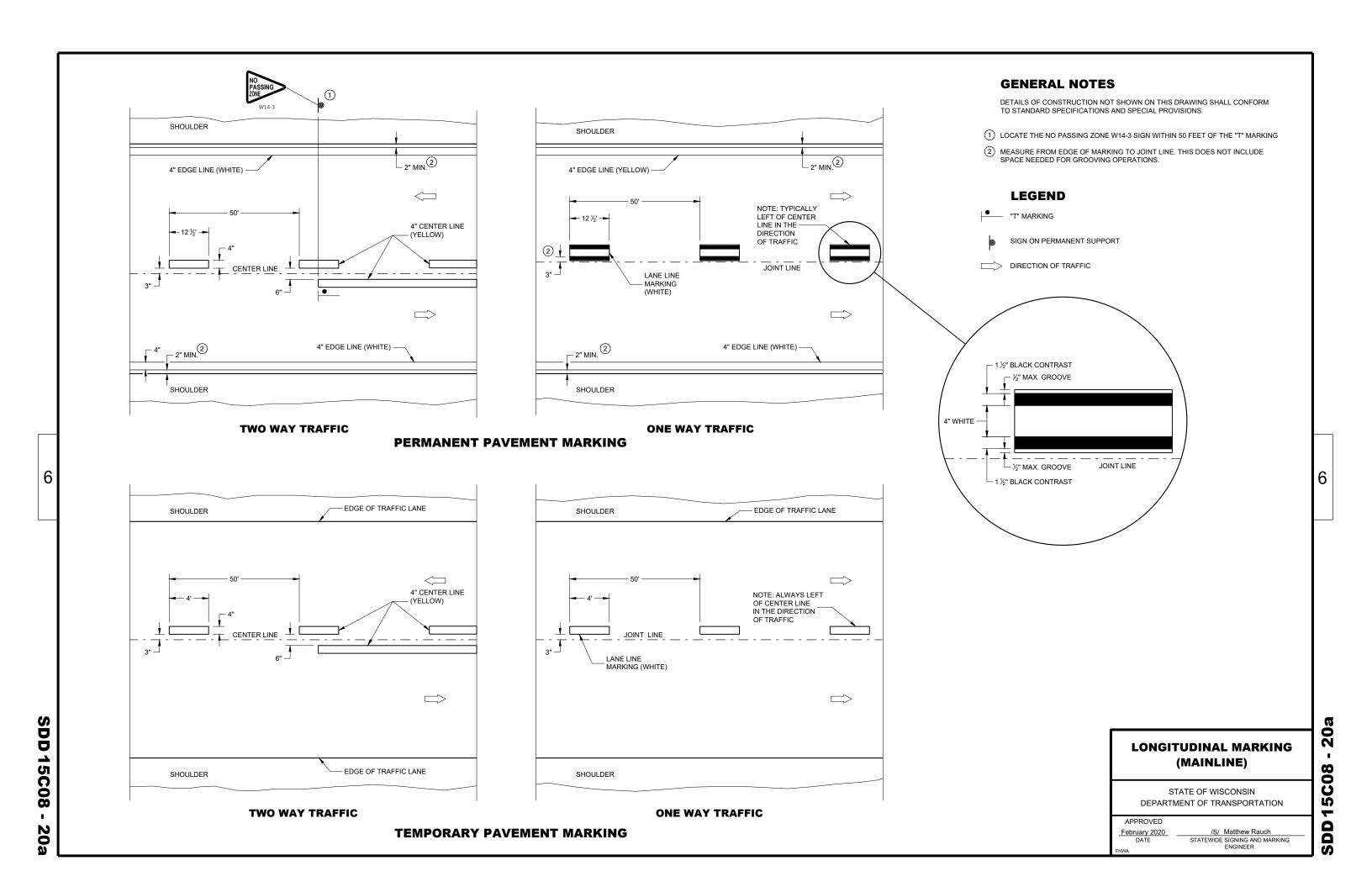
APPROVED

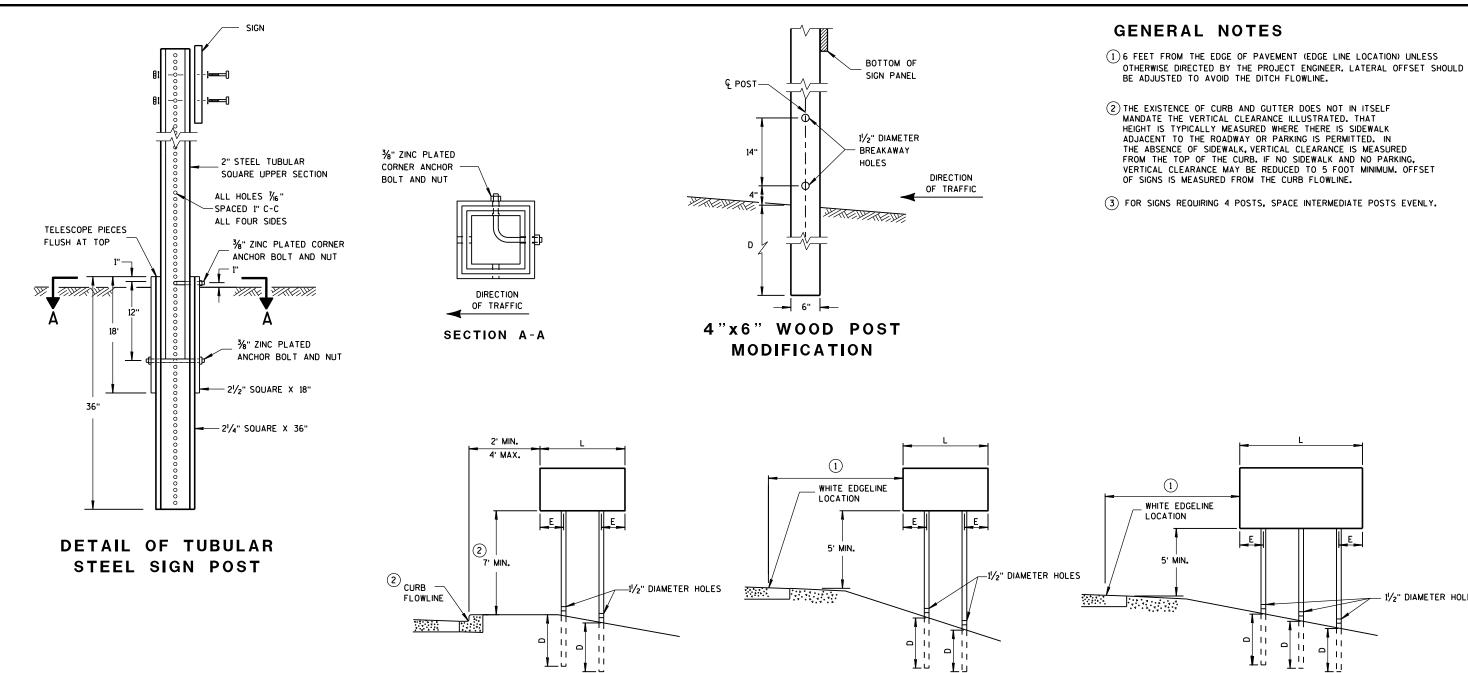
February 2020 ____

/S/ Andrew Heidtke
WORK ZONE ENGINEER

D15C0

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TUBULAR STEEL POSTS

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

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

URBAN AREA

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 REQUIREMENTS		NUMBER OF	
Ĺ	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

- 11/2" DIAMETER HOLES

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

> /S/ Andrew Heidtke WORK ZONE ENGINEER

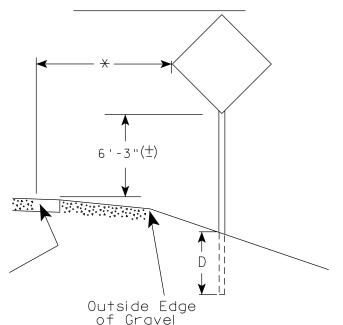
APPROVED

June 2017 DATE

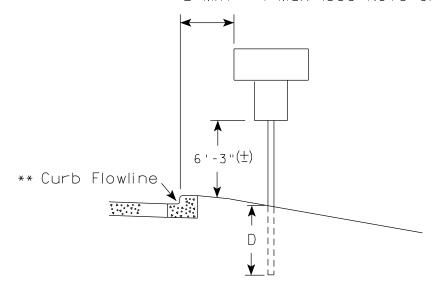
2' Min - 4' Max (See Note 6)

The state of t

White Edgeline Location



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



White Edgeline Location

geline

Outside Edge
of Gravel

** 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

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.

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 sign 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" (\pm).

- 3. For expressways and freeways, mounting height is 7'- 3" (\pm) or 6'-3" (\pm) 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.

POST EMBEDMENT DEPTH

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

TYPICAL INSTALLATION
OF PERMANENT TYPE II
SIGNS ON SINGLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

Matthew R Rawh

For State Traffic Engineer

DATE 5/13/2020 PLATE NO. A4-3.22

SHEET NO:

Ε

PROJECT NO:

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

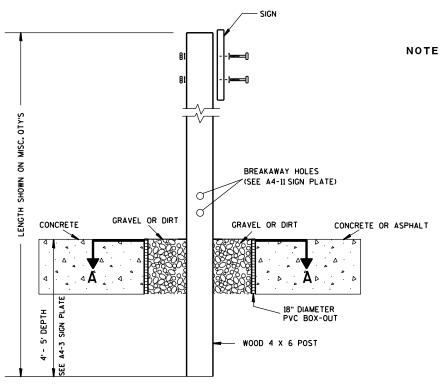
measured from the flow line.

COUNTY: PLOT DATE: 13-MAY 2020 1:04

PLOT BY : mscj9h

PLOT NAME :

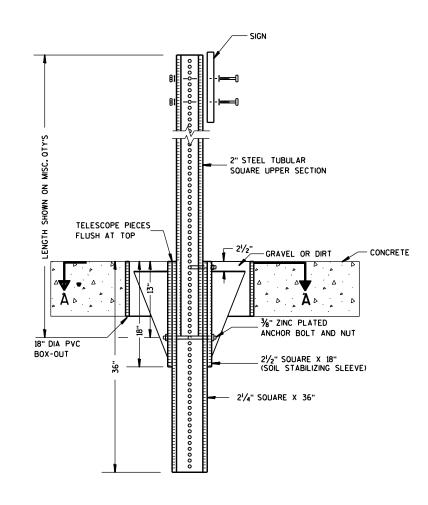
PLOT SCALE: \$\$.....plotscale.....\$\$ WISDOT/CADDS SHEET 42



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.



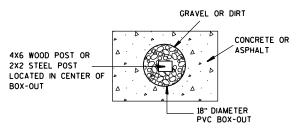
ELEVATION VIEW

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

ELEVATION VIEW

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

- 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.
- $\star\star\star$ 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'

OF TYPE II SIGNS
ON MULTIPLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

APPROVED

TYPICAL INSTALLATION

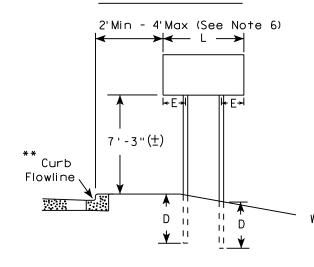
For State Traffic Engineer

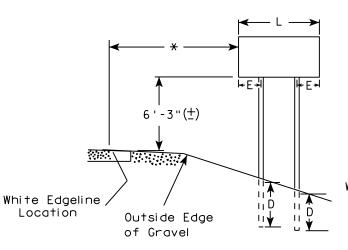
DATE 8/21/17 PLATE NO. 44-4.15

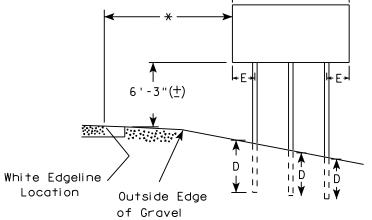
SHEET NO:

URBAN AREA

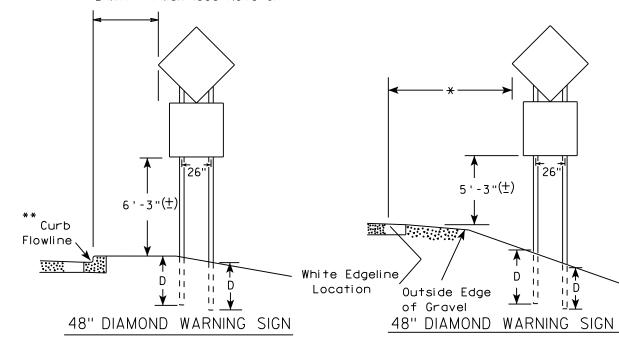
RURAL AREA (See Note 3)







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



	SIGN SHAPE OTHER THAN DIAMON (TWO POSTS REQUIRED)							
***	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:

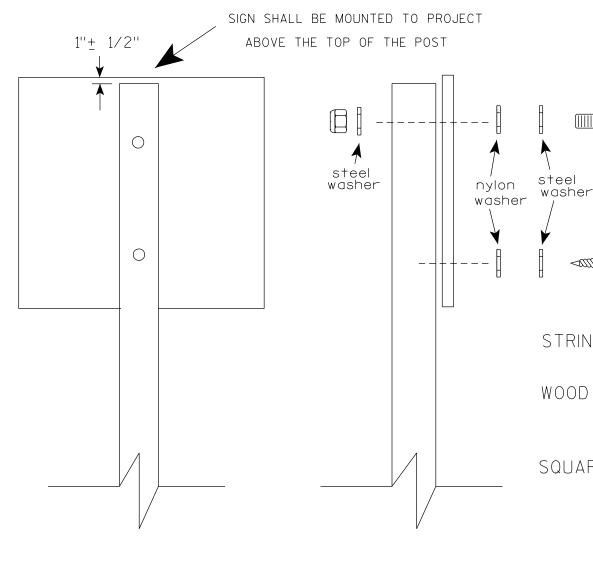
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PROJECT NO:

PLOT DATE: 21-AUG-2017 15:54

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

PLOT SCALE: 108.188297:1.000000



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 - 3/32 " (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 Matther

≠or State Traffic Engineer

SHEET NO:

DATE 4/1/2020

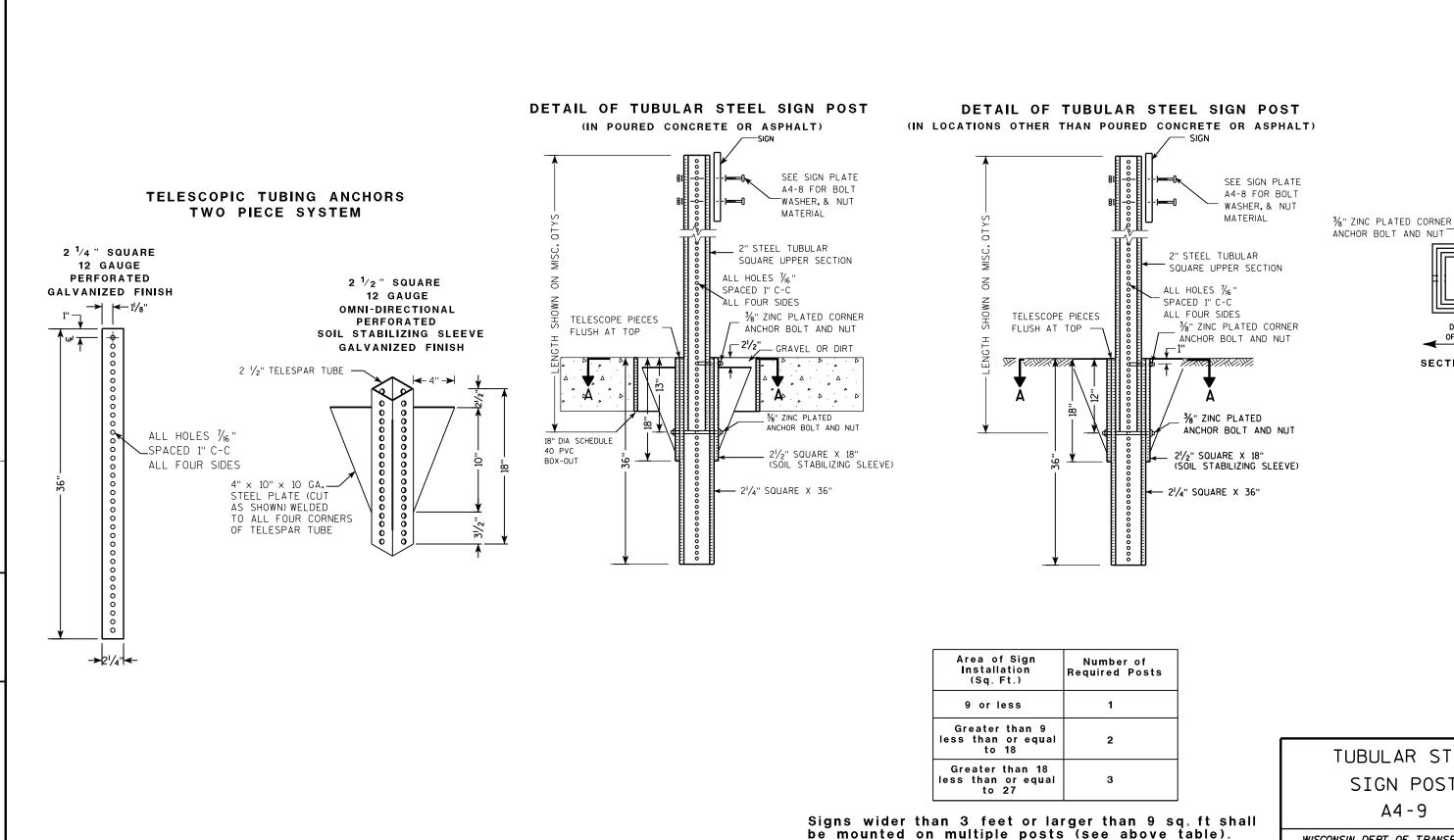
PLATE NO. <u>A4-8.9</u>

PROJECT NO:

PLOT DATE: 01-APRIL-2020

PLOT BY : dotc4c

Ε



TUBULAR STEEL SIGN POST A4-9

WISCONSIN DEPT OF TRANSPORTATION

For State Traffic Engineer DATE 2/05/15 PLATE NO. <u>A4-9.9</u>

SHEET NO:

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A49.DGN

HWY:

PROJECT NO:

PLOT DATE: 05-FEB-2015 17:09

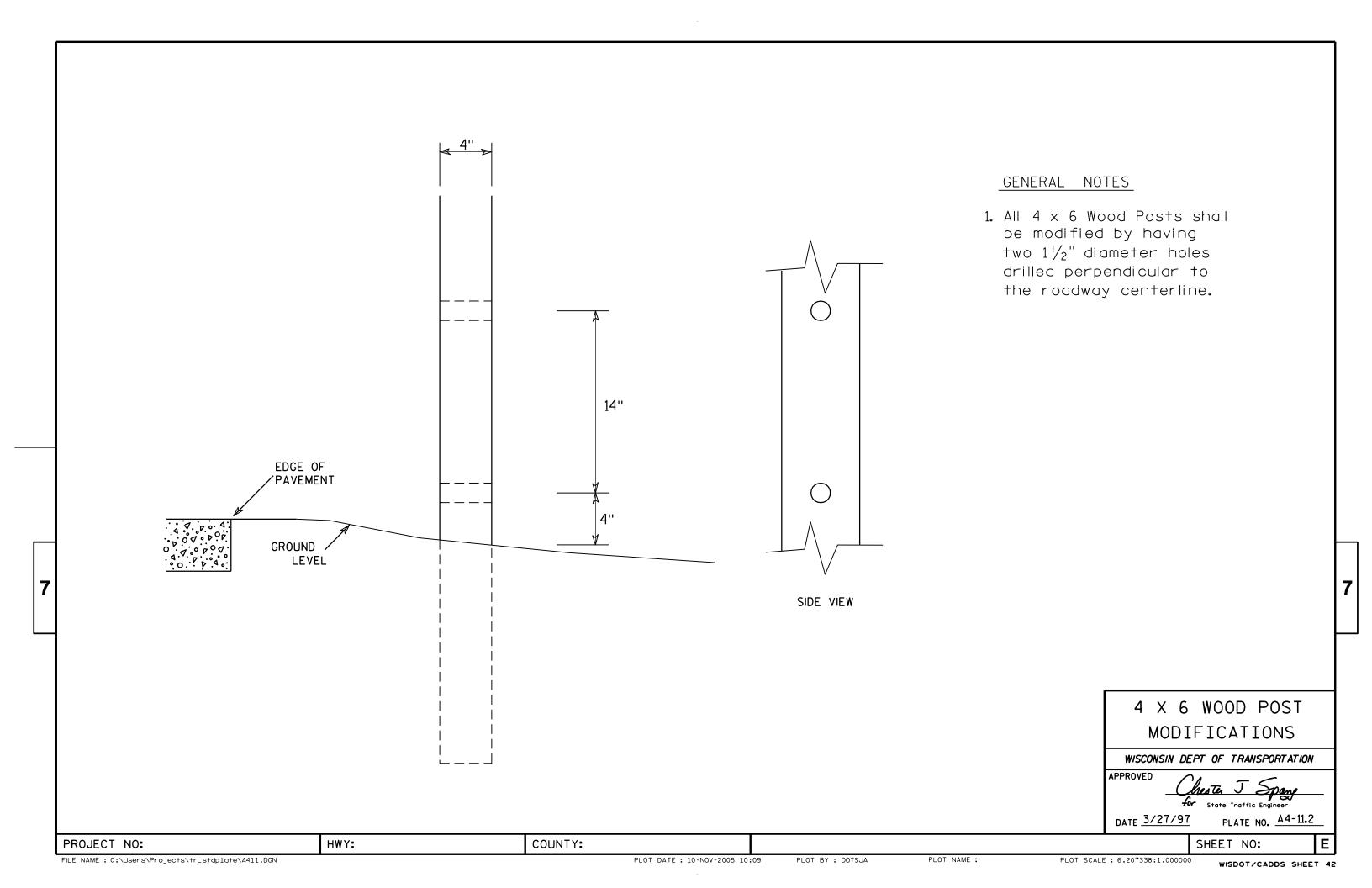
COUNTY:

PLOT NAME :

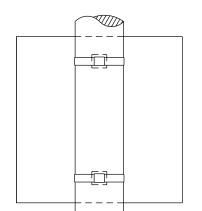
PLOT BY: mscsja

PLOT SCALE: 13.659812:1.000000

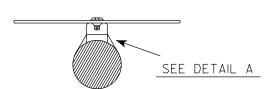
SECTION A-A

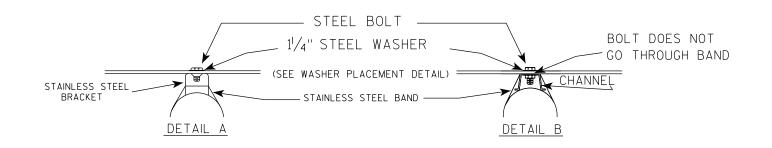


BANDING

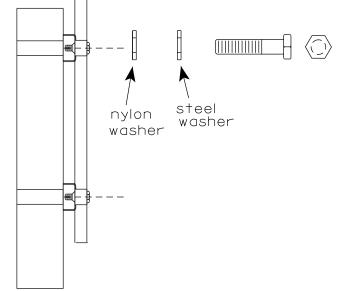


SINGLE SIGN





WASHER PLACEMENT



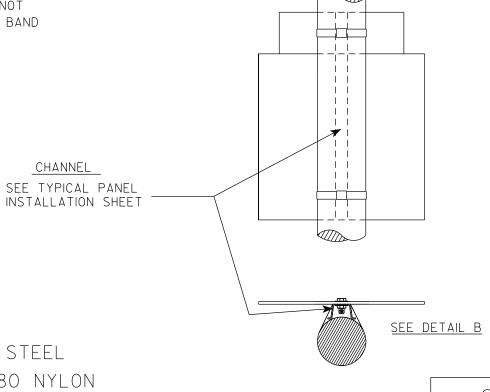
WASHERS (ALL POSTS) -

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:

APPROVED

State Traffic Engineer DATE 6/10/19

PLATE NO. A5-9.4

Ε

HWY:

COUNTY:

PLOT DATE: 10-JUN 2019 4:10

PLOT NAME :

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

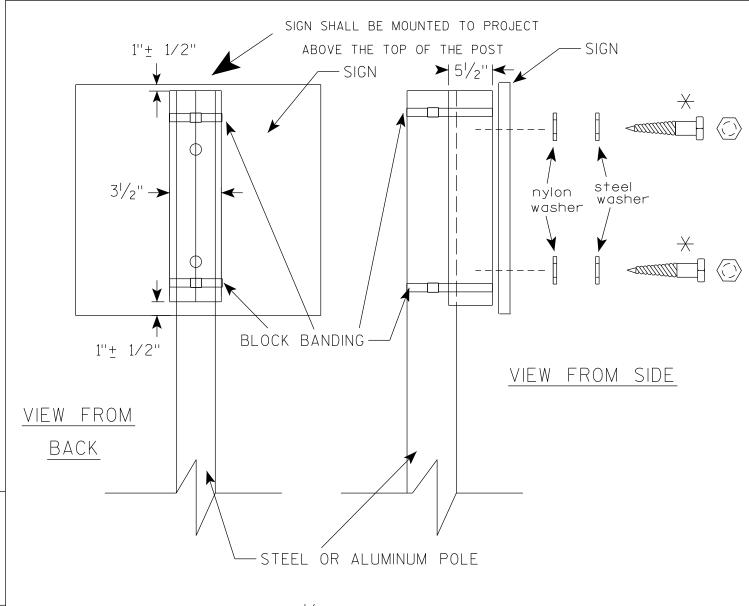
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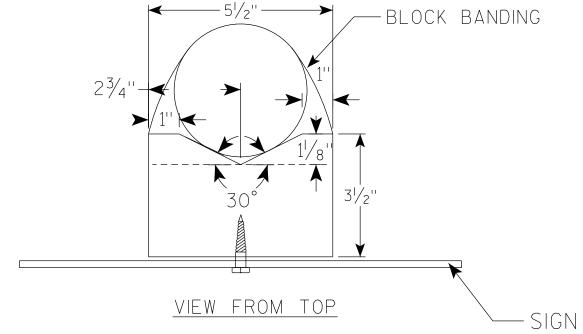
PROJECT NO:

PLOT BY: mscj9h

CHANNEL

SEE TYPICAL PANEL





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 $1^{1}/_{4}$ " O.D. X $\frac{3}{8}$ " I.D. X $\frac{1}{16}$ "
- 8. NYLON WASHERS SHALL BE $1^{1}/_{4}$ " O.D. X $3/_{8}$ " 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

Matthew R

APPROVED

For State Traffic Engineer

SHEET NO:

DATE <u>6/10/19</u>

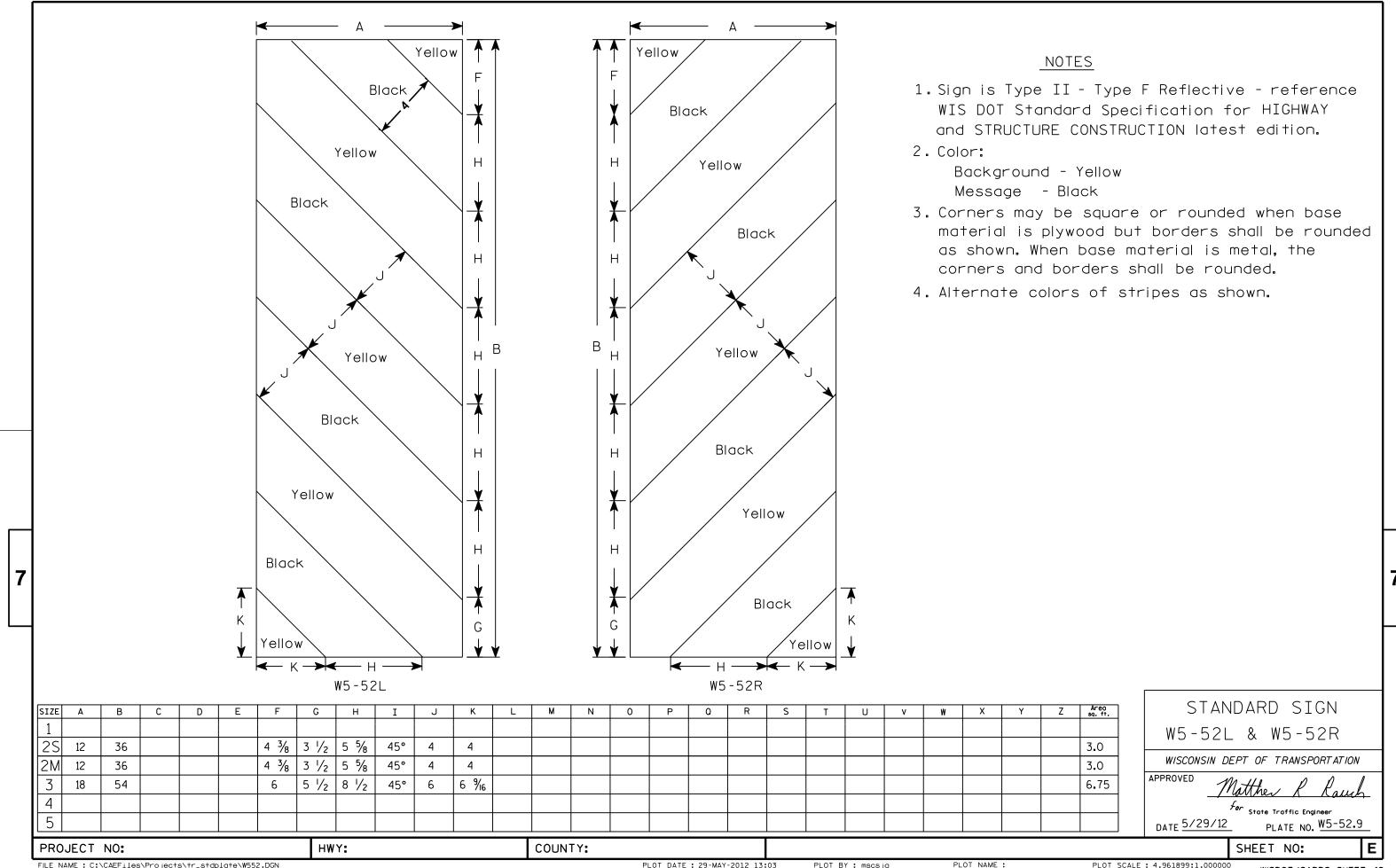
PLATE NO. <u>A5-10.2</u>

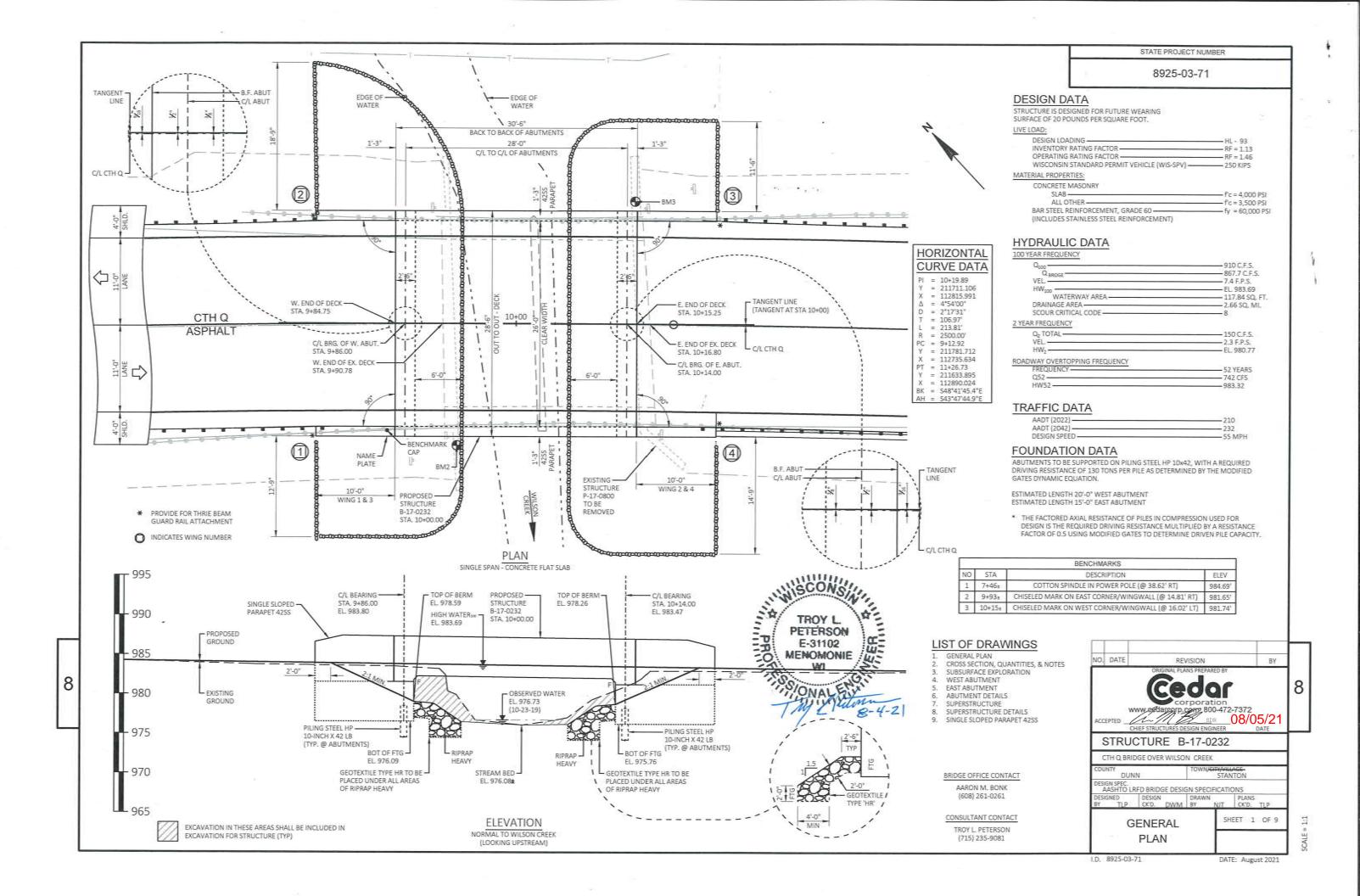
PROJECT NO:

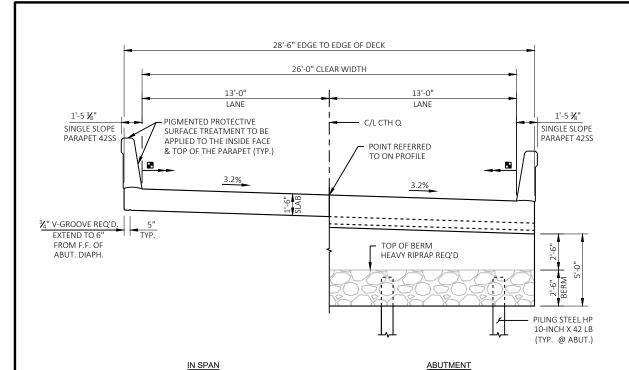
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PLOT DATE: 10-JUN 2019 4:15

PLOT BY: mscj9h

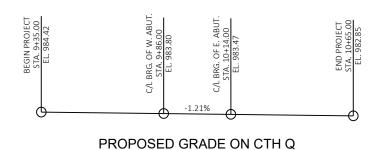




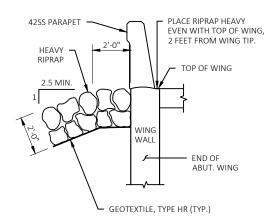


CROSS SECTION THRU STRUCTURE

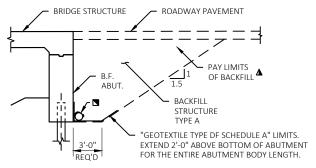
(LOOKING EAST)



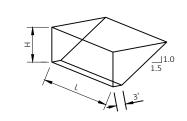
TOTAL ESTIMATED QUANTITIES EAST TOTALS BID ITEMS UNIT SUPER NUMBER ABUT. REMOVING STRUCTURE OVER WATERWAY MINIMAL DEBRIS (P-17-0800) 03.0260.01 FACH 1 206.1000.01 EXCAVATION FOR STRUCTURES BRIDGES B-17-0232 LS BACKFILL STRUCTURE TYPE A TON 137.0 137.0 274 210.1500 CONCRETE MASONRY BRIDGES CY 32.5 32.5 61.0 126 ROTECTIVE SURFACE TREATMENT 88 502.3210 IGMENTED SURFACE SEALER SY 50.0 50 505.0400 BAR STEEL REINFORCEMENT HS STRUCTURES LB 1690 1690 3380 BAR STEEL REINFORCEMENT HS COATED STRUCTURES LB 1280 1270 12140 14690 9.0 9.0 516.0500 UBBERIZED MEMBRANE WATERPROOFING SY 18 550.1100 PILING STEEL HP 10-INCH X 42 LB LF 80 60 140 606.0300 RIPRAP HEAVY CY 53 52 105 612.0406 PIPE UNDERDRAIN WRAPPED 6-INCH LE 90 90 180 ANCHOR ASSEMBLIES FOR STEEL PLATE BEAM GUARD EACH 4 614.0150 GEOTEXTILE TYPE DF SCHEDULE A 21.0 21.0 42 645.0120 GEOTEXTILE TYPE HR SY 103 103 206 NON-BID ITEMS FILLER SIZE 1/2" X 3/4'



TYPICAL FILL SECTION AT WING TIPS



STRUCTURE BACKFILL & LIMITS

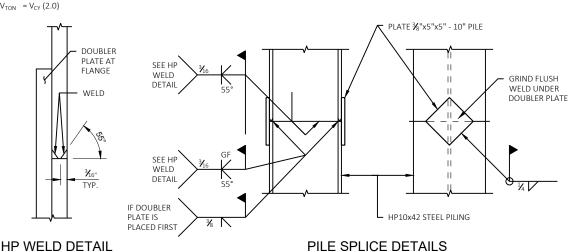


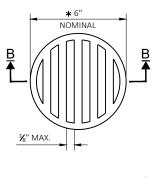
ABUTMENT BACKFILL DIAGRAM FOR WINGS PARALLEL TO ROADWAY

- = OUT TO OUT OF ABUTMENT, INCLUDING WINGS (FT)
- = AVERAGE ABUTMENT FILL HEIGHT (FT)
- = EXPANSION FACTOR (1.20 FOR CY BID ITEMS & 1.00 FOR TON BID ITEMS)
- = (L)(3.0')(H) + (L)(0.5)(1.5H)(H)

FLANGE SHOWN, WEB SIMILAR

 $V_{CY} = V_{CF} (EF)/27$ V_{TON}

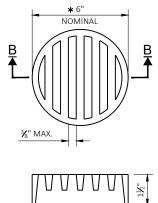




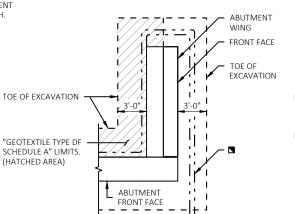
RODENT SHIELD DETAIL

* DIMENSION IS APPROXIMATE. THE GRATE IS SIZED TO FIT INTO A PIPE COUPLING. ORIENT SO SLOTS ARE VERTICAL. THE RODENT SHIELD, PIPE COUPLING AND SCREWS SHALL BE CONSIDERED INCIDENTAL TO THE BID ITEM "PIPE UNDERDRAIN WRAPPED 6-INCH".

THE RODENT SHIELD SHALL BE A PVC GRATE SIMILAR TO THIS DETAIL. THE GRATE IS COMMERCIALLY AVAILABLE NO. 10 X 1-INCH STAINLESS STEEL SHEET METAL SCREWS.



AS A FLOOR STRAINER A PIPE COUPLING IS REQUIRED. FOR THE ATTACHMENT OF THIS SHIELD TO THE EXPOSED END OF THE PIPE UNDERDRAIN. THE SHIELD SHALL BE FASTENED TO THE PIPE COUPLING WITH TWO OR MORE



ABUTMENT PLAN WITH WING

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

ALL STATIONS AND ALL ELEVATIONS ARE IN FEET.

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

STATE PROJECT NUMBER

8925-03-71

ALL REINFORCING BARS ARE ENGLISH. THE FIRST DIGIT OF A THREE-DIGIT BAR MARK OR THE FIRST TWO DIGITS OF A FOUR-DIGIT BAR MARK SIGNIFIES THE BAR SIZE.

JOINT FILLER SHALL CONFORM TO THE REQUIREMENTS OF A.A.S.H.T.O. DESIGNATION M 153, TYPE I, II OR III OR A.A.S.H.T.O. DESIGNATION M 213.

THE SLOPE OF THE FILL IN FRONT OF THE ABUTMENTS SHALL BE COVERED WITH RIPRAP HEAVY AND GEOTEXTILE TYPE 'HR TO THE EXTENT SHOWN ON SHEETS 1 AND 2 AND IN THE

THE EXISTING STRUCTURE (P-17-0800) IS A 24.2' LONG BY 26.4' WIDTH TWO SPAN CONCRETE FLAT SLAB BRIDGE.

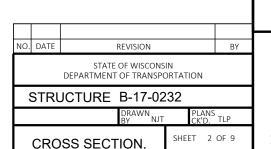
THE UPPER LIMITS OF "EXCAVATION FOR STRUCTURES BRIDGES B-17-0232" SHALL BE THE EXISTING GRADE LINE

AT THE BACK FACE OF ABUTMENT ALL VOLUME WHICH CANNOT BE IN PLACE BEFORE ABUTMENT CONSTRUCTION AND NOT OCCUPIED BY THE NEW STRUCTURE SHALL BE BACKFILLED WITH BACKFILL STRUCTURE.

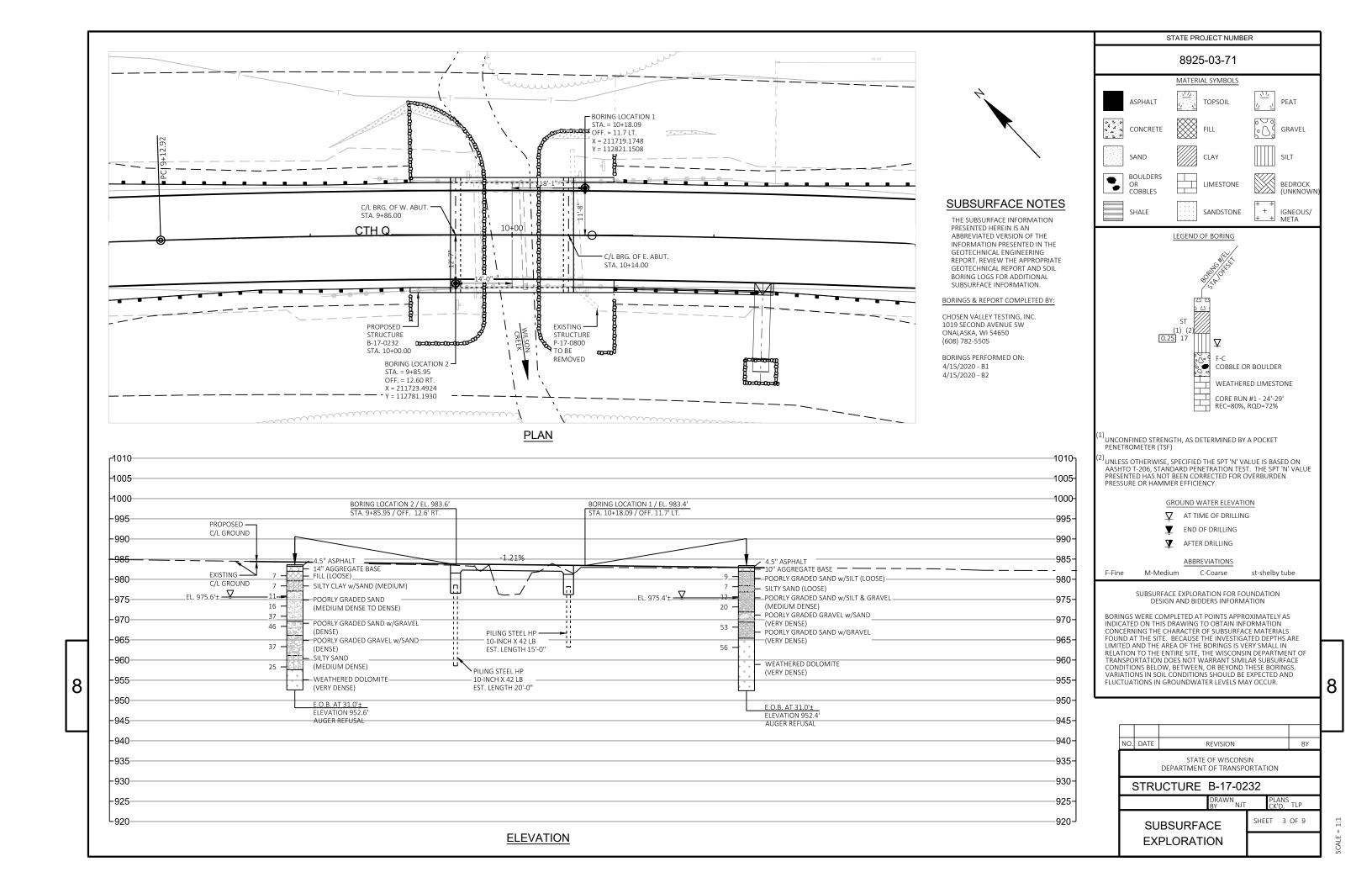
AT ABUTMENTS, CONCRETE POURED UNDERWATER WILL BE ALLOWED AND SHALL BE DONE IN ACCORDANCE WITH SECTION 502.3.5.3 OF THE STANDARD SPECIFICATIONS.

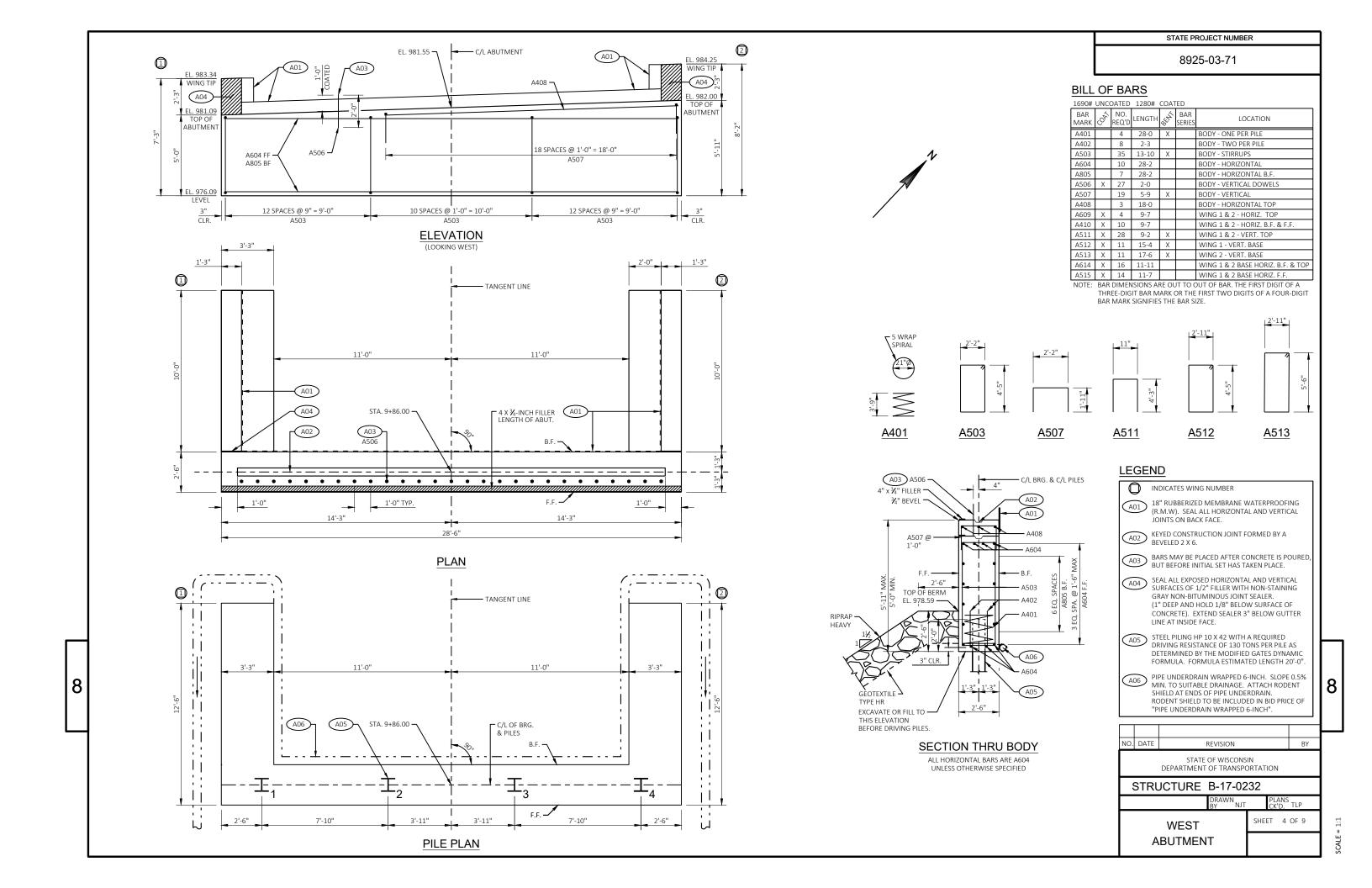
SLAB FALSE WORK SHALL BE SUPPORTED ON PILES OR THE SUBSTRUCTURE UNLESS AN ALTERNATE METHOD IS APPROVED BY THE ENGINEER.

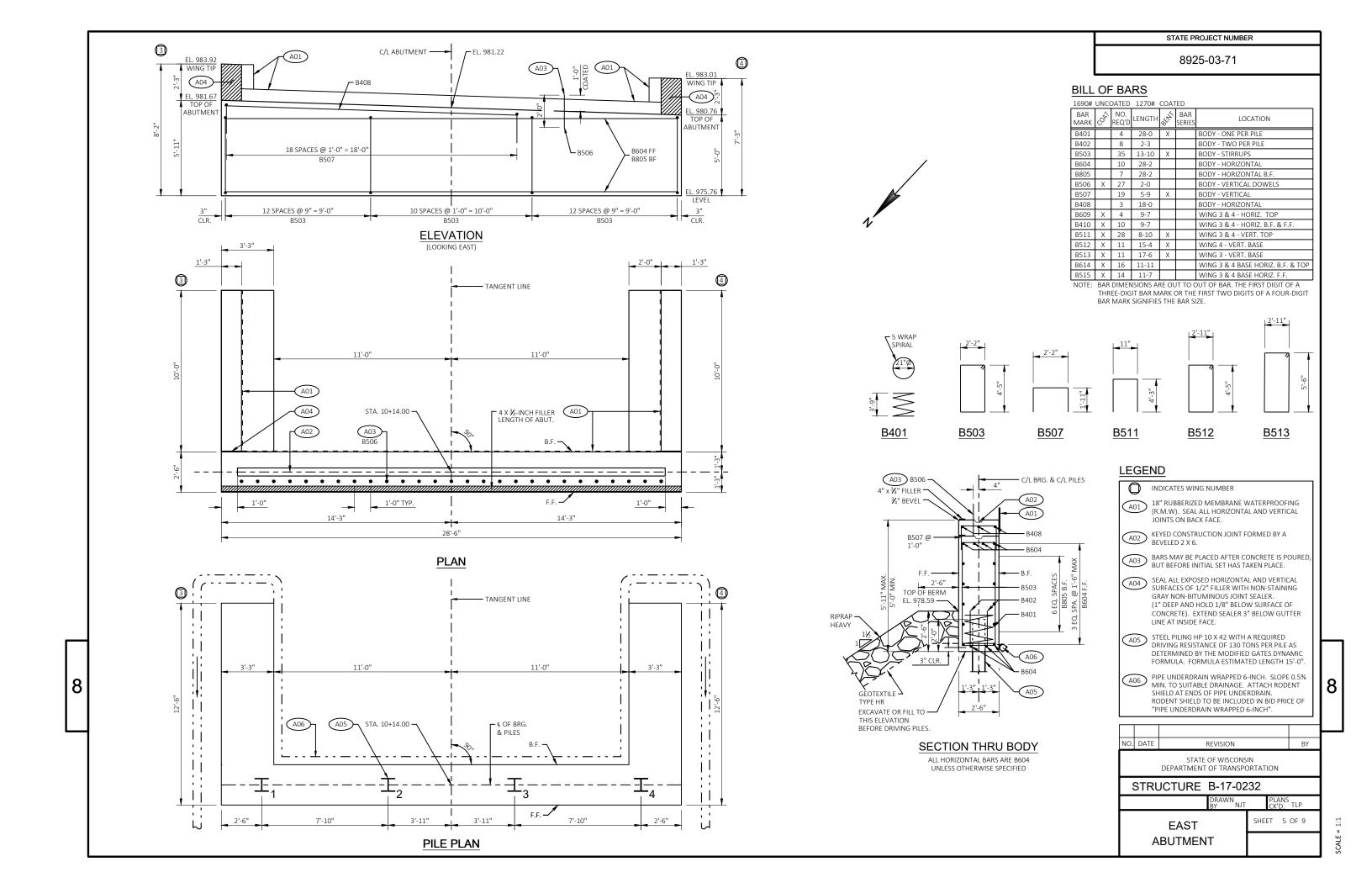
- ▲ BACKFILL PAY LIMITS, BACKFILL BEYOND BACKFILL PAY LIMITS SHALL BE INCIDENTAL TO EXCAVATION FOR STRUCTURES. LIMITS OF EXCAVATION SHALL BE DETERMINED BY THE CONTRACTOR.
- PIPE UNDERDRAIN WRAPPED (6-INCH). SLOPE 0.5% MIN. TO SUITABLE DRAINAGE. ATTACH RODENT SHIELD AT ENDS OF
- PROTECTIVE SURFACE TREATMENT SHALL BE APPLIED TO THE BRIDGE DECK.

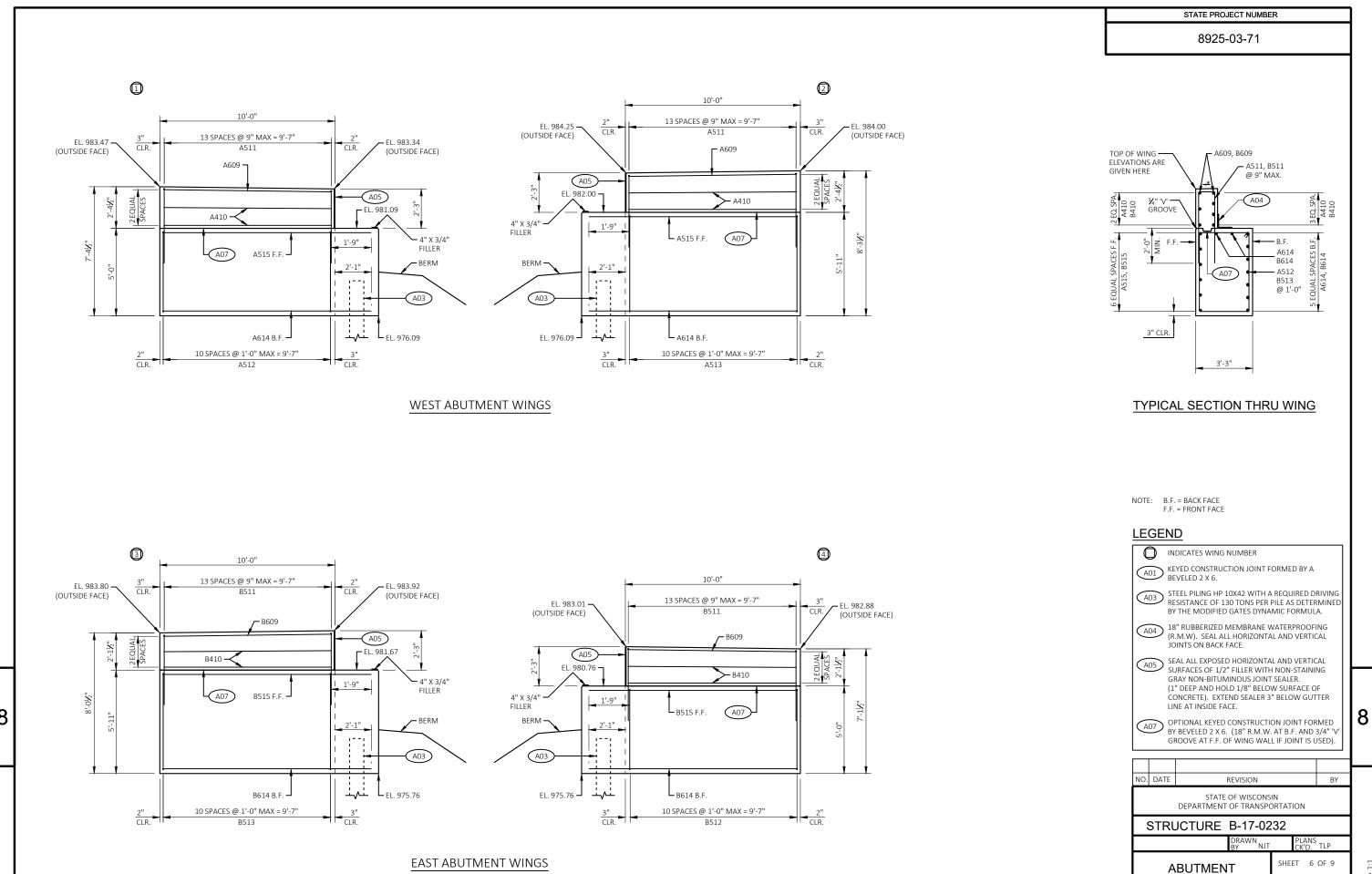


QUANTITIES, & NOTES



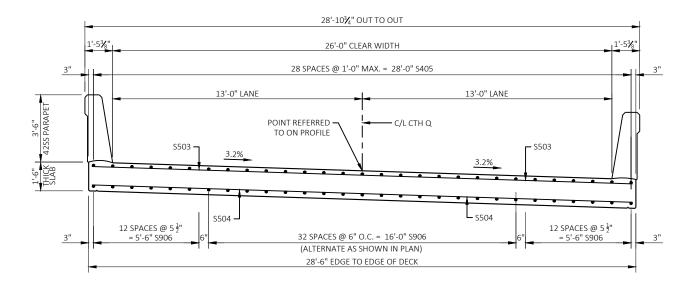






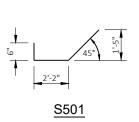
SCALE = 1

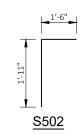
DETAILS

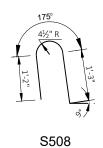


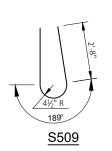
CROSS SECTION THRU RDWY

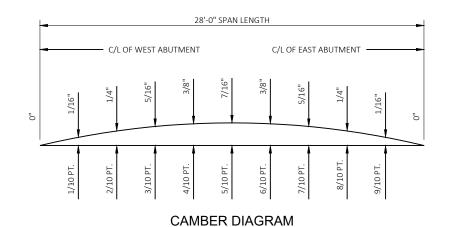
(LOOKING EAST)











STATE PROJECT NUMBER

8925-03-71

BILL OF BARS

12140# COATED

BAR MARK	OR	NO. REQ'D	LENGTH	SUN	BAR SERIES	LOCATION	
S501	Х	58	4-5	Х		AT END OF DECK	
S502	Х	58	3-3	Х		AT END OF DECK	
S503	Х	37	28-2			SLAB, TOP, TRANSVERSE	
S504	Х	39	28-2			SLAB BOTTOM, TRANSVERSE	
S405	Х	29	30-2			SLAB, TOP, LONGITUDINAL	
S906	Х	59	27-7			SLAB, BOTTOM, LONGITUDINAL	
S507	Х	60	5-0			TRANS EDGE OF DECK	
S508	Х	92	4-5	Х		PARAPET VERT	
S509	Х	92	6-8	Х		PARAPET VERT	
S510	Х	16	30-2			PARAPET HORIZ	

NOTE: BAR DIMENSIONS ARE OUT TO OUT OF BAR. THE FIRST DIGIT OF A THREE-DIGIT BAR MARK OR THE FIRST TWO DIGITS OF A FOUR-DIGIT BAR MARK SIGNIFIES THE BAR SIZE.

GENERAL NOTES

TOP TRANSVERSE BARS IN SLAB SHALL BE SUPPORTED BY INDIVIDUAL BAR CHAIRS AT APPROXIMATELY 3'-0" CENTERS EACH WAY. BOTTOM LONGITUDINAL BARS TO BE SUPPORTED BY CONTINUOUS BAR CHAIRS AT APPROXIMATELY 4'-0" CENTERS.

TRANSVERSE BARS SHALL BE PLACED PARALLEL TO THE C/L OF SUBSTRUCTURE UNITS.

ALL SLAB THICKNESS DIMENSIONS ARE MINIMUM. ANY TOLERANCES NECESSARY TO CORRECT CONSTRUCTION DISCREPANCIES ARE TO BE PLUS (+).

CAMBER SPAN AS SHOWN TO PROVIDE FOR DEAD LOAD DEFLECTION & FUTURE CREEP. CAMBER DOES NOT INCLUDE ALLOWANCE FOR FORM SETTLEMENT. DEAD LOAD DEFLECTIONS ONLY EQUAL APPROXIMATELY 1/3 OF CAMBER VALUES SHOWN

PRIOR TO RELEASING SLAB FALSEWORK, TAKE TOP OF SLAB ELEVATION AT THE C/L OF ABUTMENTS, AND AT 5/10 PTS. TO VERIFY CAMBER, TAKE ELEVATIONS ALONG GUTTER LINES, AND CROWN OR C/L .

TOP OF DECK ELEVATIONS

8

LOCATION	WEST ABUT.	1/10	2/10	3/10	4/10	5/10	6/10	7/10	8/10	9/10	EAST ABUT.
NORTH EDGE OF DECK	984.25	984.23	984.19	984.16	984.12	984.09	984.06	984.02	983.99	983.95	983.42
C/L OF BRIDGE DECK	983.80	983.77	983.73	983.70	983.67	983.64	983.60	983.57	983.54	983.50	983.47
SOUTH EDGE OF DECK	983.34	983.31	983.28	983.25	983.22	983.19	983.16	983.13	983.10	983.07	983.01

ELEVATIONS SHOWN ARE FINISHED DECK AND DO NOT INCLUDE ALLOWANCES OF DEAD LOAD DEFLECTION AND FUTURE CREEP.

SURVEY TOP OF SLAB ELEVATIONS

LOCATION	WEST ABUT.	5/10 PT.	EAST ABUT
NORTH GUTTER			
CENTERLINE			
SOUTH GUTTER			

NO. DATE REVISION BY

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

STRUCTURE B-17-0232

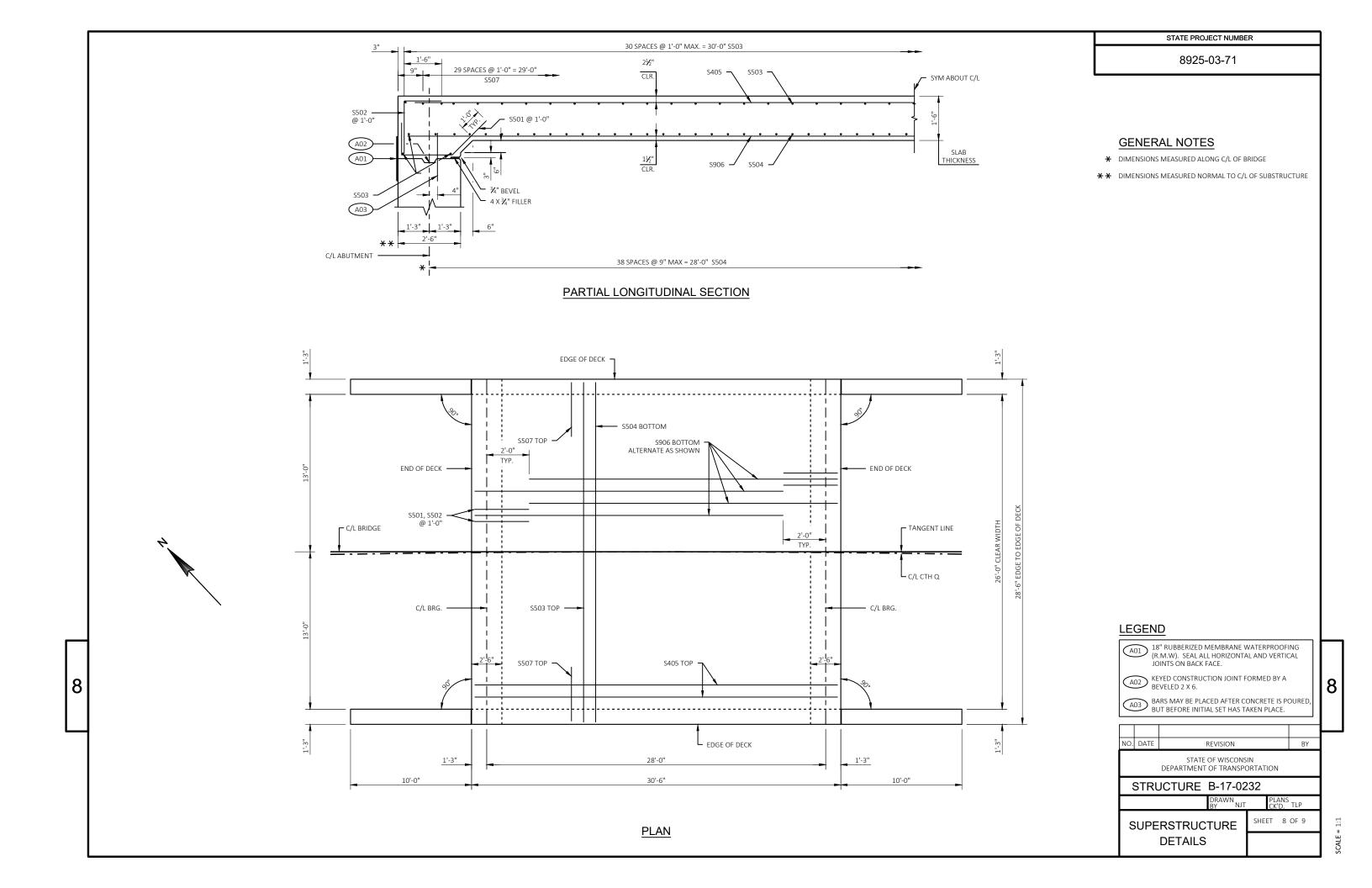
DRAWN NJT PLANS TLP CK'D.

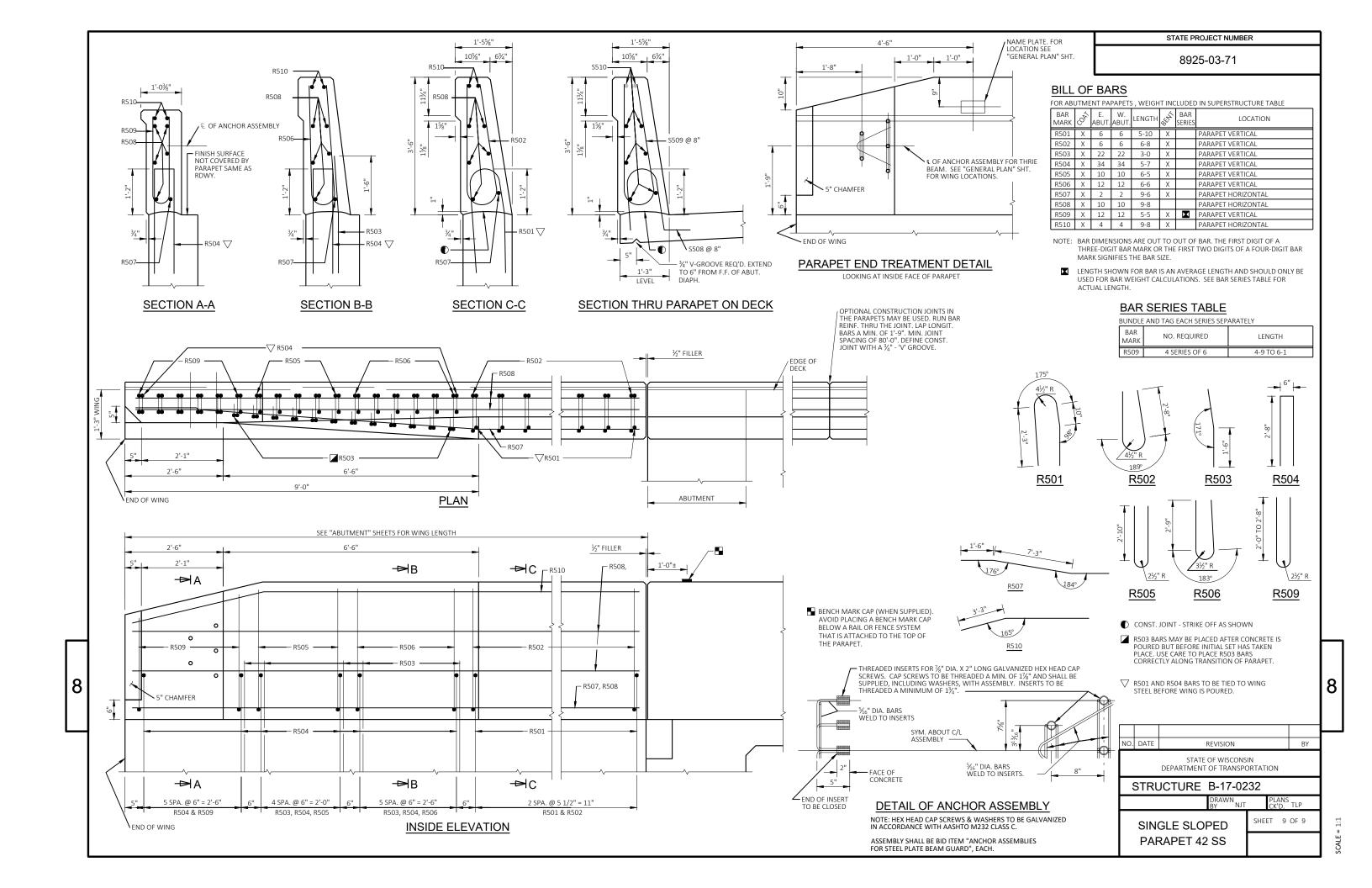
SHEET 7 OF 9

SUPERSTRUCTURE

8

SCALE = 1:1





DIVISION 1 - CTH Q PROPOSED											
			AREA (SF)			INCREM	MENTAL VOL (CY) (UNAD.	JUSTED)	CUMULATIVE VOL (CY)		
STATION	REAL STATION	DISTANCE	SUT.	SALVAGED/UNUSABLE		CUT	SALVAGED/UNUSABLE	FILL	СИТ	EXPANDED FILL	MASS ORDINATE
			CUT	PAVEMENT MATERIAL	FILL		PAVEMENT MATERIAL		1.00	1.35	
						NOTE 1	NOTE 2	NOTE 3	NOTE 1		NOTE 8
08+32	832.00	0.00	42.63	9.00	2.97	0	0	0	0	0	0
08+50	850.00	18.00	41.06	9.00	15.92	28	6	6	28	8	14
09+00	900.00	50.00	41.01	9.00	6.14	76	17	20	104	35	46
09+50	950.00	50.00	38.29	9.00	0.12	73	17	6	177	43	94
09+74	974.00	24.00	24.11	9.00	16.15	28	8	7	205	53	104
09+75	975.00	1.00	23.81	9.00	17.14	1	0	1	206	54	104
10+25	1025.00	50.00	27.39	9.00	3.08	0	0	0	206	54	104
10+26	1026.00	1.00	27.44	9.00	15.83	1	0	0	207	54	105
10+50	1050.00	24.00	29.70	9.00	4.76	25	8	9	232	66	110
11+00	1100.00	50.00	34.92	9.00	2.98	60	17	7	292	76	143
11+50	1150.00	50.00	39.97	9.00	1.68	69	17	4	361	81	190
12+00	1200.00	50.00	41.35	9.00	0.45	75	17	2	436	84	245
12+50	1250.00	50.00	43.57	9.00	0.00	79	17	0	515	84	307
				COLUMN TOTALS		515	124	62		_	

NOTES:

- (1) COMMON EXCAVATION IS THE SUM OF THE CUT AND EBS EXCAVATION COLUMNS. ITEM NUMBER 205.0100
- (2) SALVAGED/UNSUABLE PAVEMENT MATERIAL IS INCLUDED IN CUT.
- (3) EBS EXCAVATION TO BE BACKFILLED WITH BASE AGGREGATE DENSE 1 1/4-INCH.
- (4) SALVAGED/UNUSABLE PAVEMENT MATERIAL
- $\mbox{(5) AVAILABLE MATERIAL} = \mbox{CUT-SALVAGED/UNUSUABLE PAVEMENT MATERIAL}$
- (13) FXPANDED FILL FACTOR = 1.35

DEPENDING ON SELECTIONS: EXPANDED FILL = {UNEXPANDED FILL - EXPANDED ROCK - REDUCED MARSH - REDUCED EBS} * FILL FACTOR

OR EXPANDED FILL = (UNEXPANDED FILL - EXPANDED ROCK - REDUCED EBS) * FILL FACTOR
OR EXPANDED FILL = (UNEXPANDED FILL - EXPANDED ROCK - REDUCED MARSH) * FILL FACTOR
OR EXPANDED FILL = (UNEXPANDED FILL - EXPANDED ROCK) * FILL FACTOR

(14) THE MASS ORDINATE + OR - QTY CALCULATED FOR THE DIVISION. PLUS QUANTITY INDICATES AN EXCESS OF MATERIAL WITHIN THE DIVISION. MINUS INDICATES A SHORTAGE OF MATERIAL WITHIN THE DIVISION.

(15) FACTORS USED TO COMPUTE ANTICIPATED WASTE AND THE COMPUTED WASTE VOLUME IDENTIFIED ARE FOR GENERAL INFORMATION ONLY.

9

9

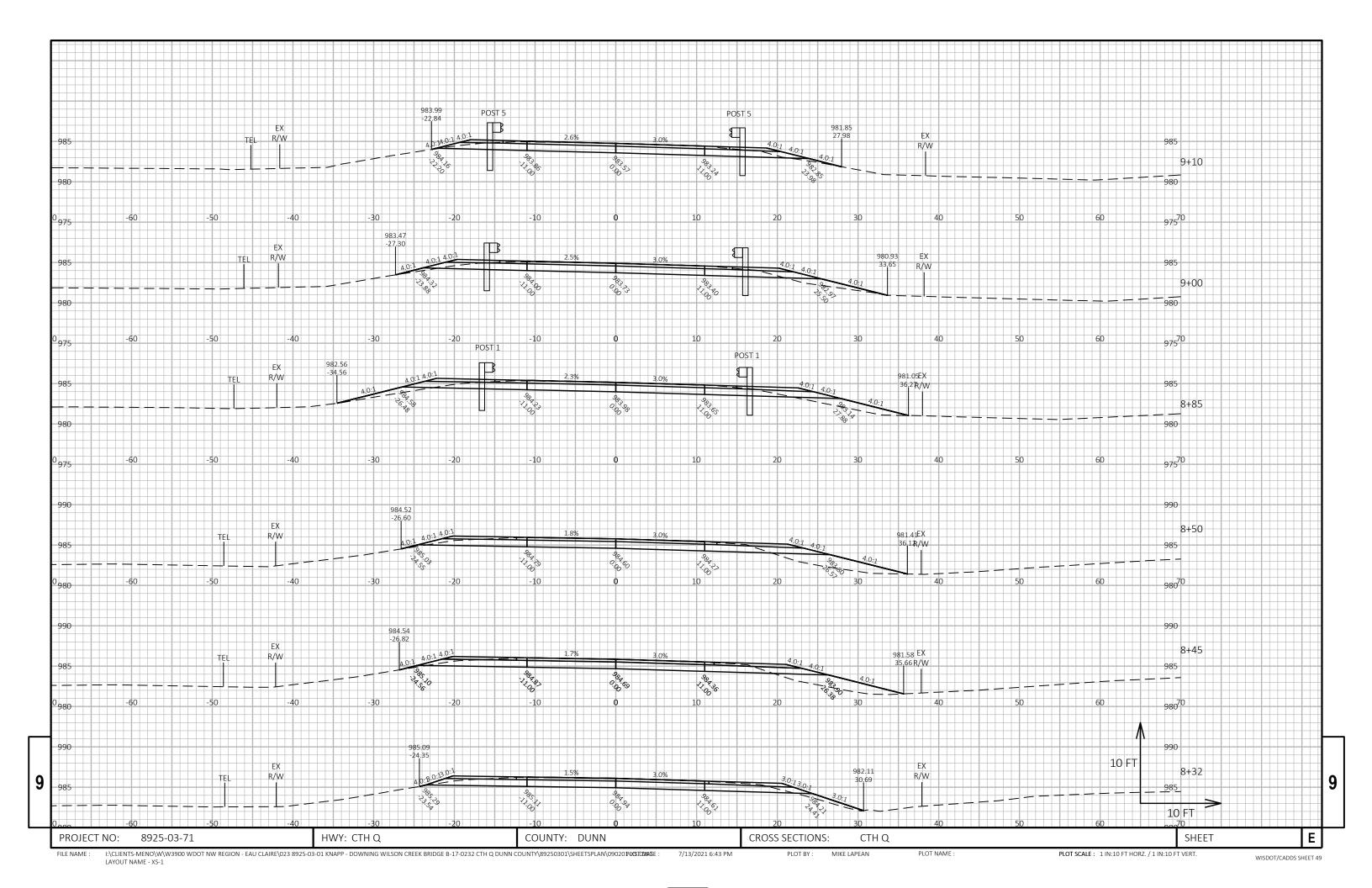
WISDOT/CADDS SHEET 42

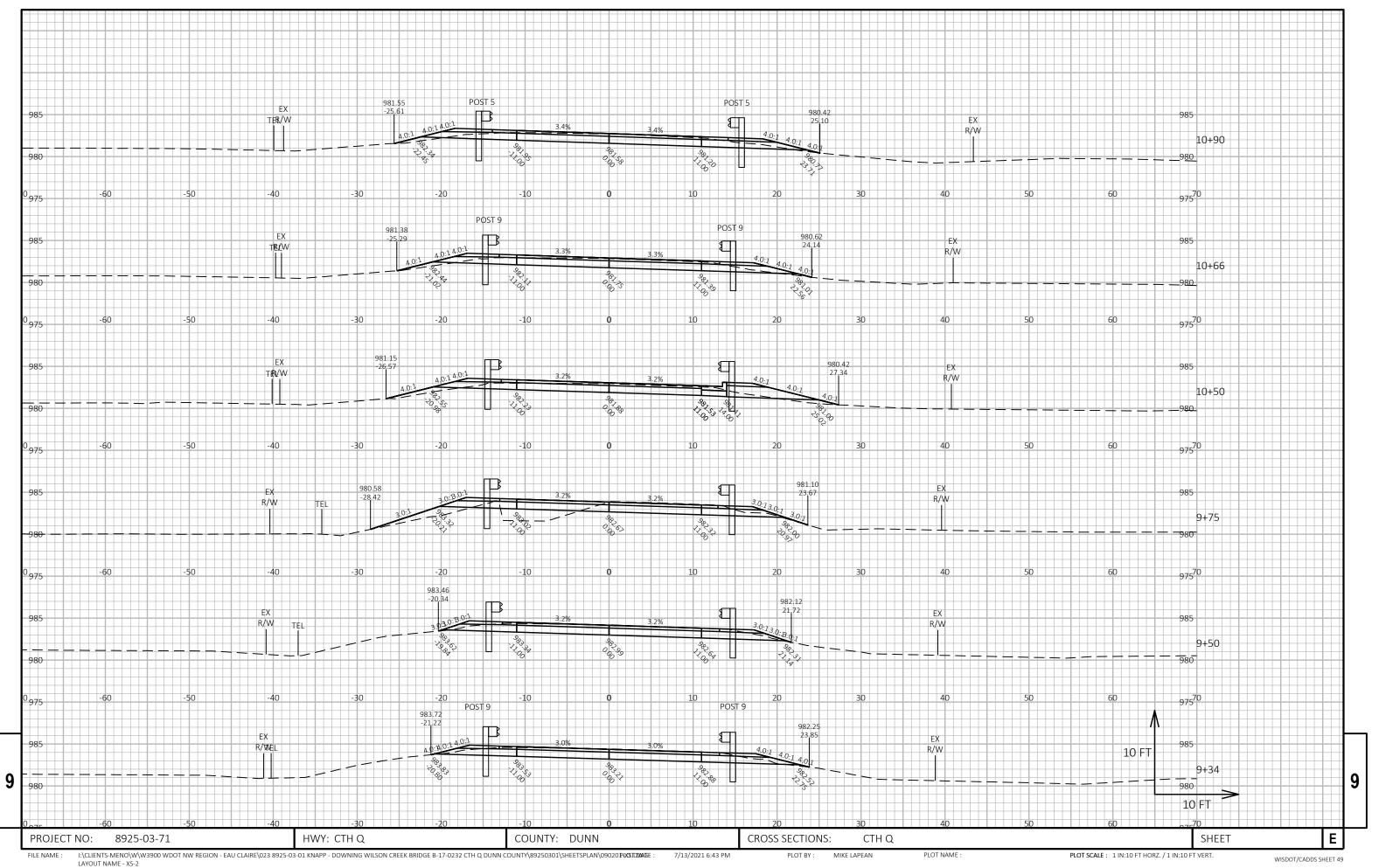
PROJECT NO: 8925-03-71 HWY: CTH Q COUNTY: DUNN EARTHWORK: CTH Q SHEET **E**

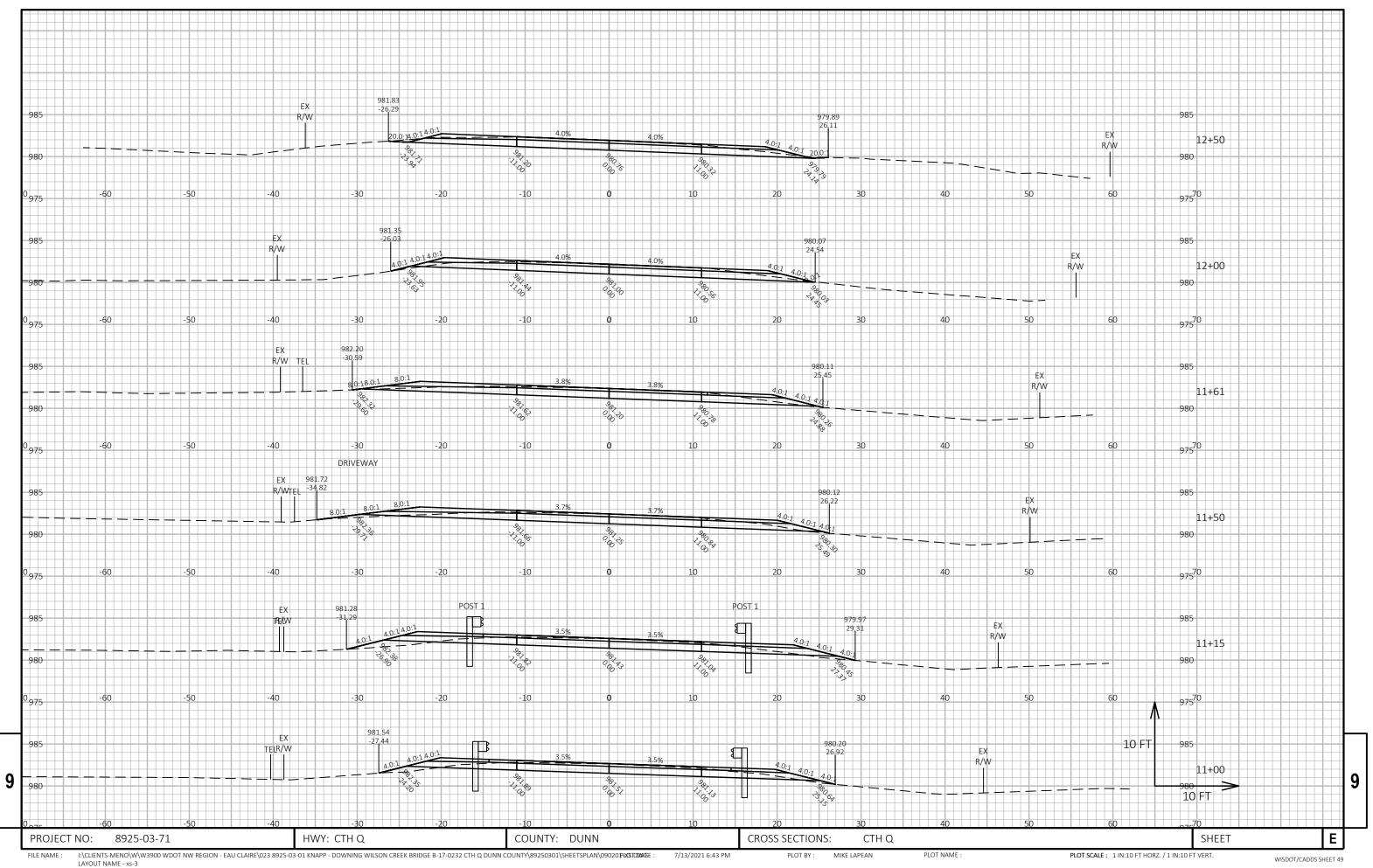
PLOT BY: MIKE LAPEAN

PLOT NAME :

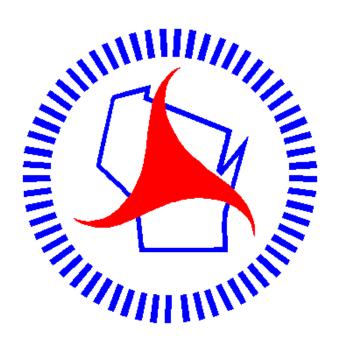
PLOT SCALE :







Notes



Wisconsin Department of Transportation

Dedicated people creating transportation solutions through innovation and exceptional service.

http://www.dot.wisconsin.gov