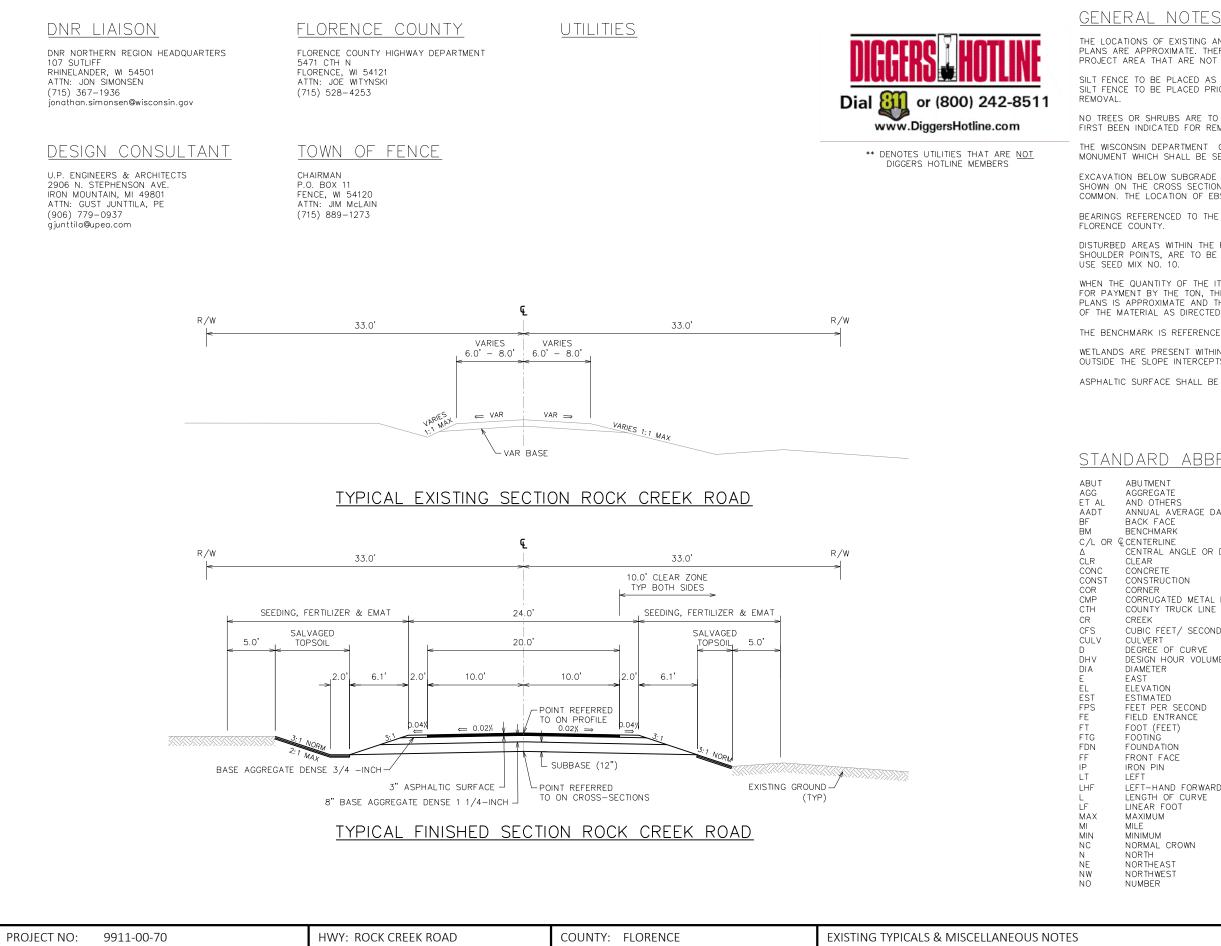
R PROJECT ID: WITH:	APRIL 2022 ORDER OF SHEETS Section No. 1 Title Section No. 2 Typical Sections and Details Section No. 3 Estimate of Quantities Section No. 3 Miscellaneous Quantities Section No. 4 Right of Way Plat	STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION PLAN OF PROPOSED IMPROVEMENT
9911-00-70	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 TOTAL SHEETS = 38 38	T FENCE, ROCK CREEK BRIDGE ROCK CREEK ROAD; FR 2383 LOCAL STEET FLORENCE COUNTY
0		T-39-N T-39-N T-39-N
COUNTY:	DESIGN DESIGNATION A.A.D.T. (2022) = 60 A.A.D.T. (2042) = 109 D.H.V. = 15 D.D. = 50/50 T. = 10% DESIGN SPEED = 55 MPH ESALS = NA CONVENTIONAL SYMBOLS	Graudman G
LORENCE	PLAN PROFILE CORPORATE UMITS GRADE UNE PROPERTY LINE OBIGINAL GRO LOT UNE (To be noted UMITED HIGHWAY EASEMENT SPECIAL DITCH EXISTING RIGHT OF WAY GRADE ELEVA PROPOSED OR NEW R/W UNE CULVERT (Pro SLOPE INTERCEPT CULVERT (Pro REFERENCE UNE MARSH	x PROFILE such] Suc
	EXISTING CULVERT FIBER OPTIC PROPOSED CULVERT (Box or Pipe) SANITARY SEV COMBUSTIBLE FLUIDS CAUTION STORM SEWE TELEPHONE WATER	Image: F0
	MARSH AREA WATER UTILITY PEDER POWER POLE POWER POLE TELEPHONE P	ARE THE SAME AS GROUND DISTANCES. ELEVATIONS ARE REFE TO NAVD 83 (2019), GPS DERIVED ELEVATIONS ARE BASED ON

ILE NAME PAFE09-00215 FENCE, TOWN OF ROCK CREEK ROAD BRIDGE DESIGNADWGS(9911-00-00 TITLE/DWG

PLOT BY LAKE ALLEN PLOT NAME





FILE NAME : P:\F109-00216 FENCE, TOWN OF-ROCK CREEK ROAD BRIDGE DESIGN\DWGS\9911-00-00 TYPICALS.DWG LAYOUT NAME - TYPICALS

2

PLOT DATE :

PLOT NAME

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.

SILT FENCE TO BE PLACED AS SHOWN ON THE PLAN OR AS DIRECTED BY THE ENGINEER. SILT FENCE TO BE PLACED PRIOR TO CONSTRUCTION AND IN PLACE PRIOR TO BRIDGE

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

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

EXCAVATION BELOW SUBGRADE (EBS) IS NOT USED TO BALANCE YARDAGE AND IS NOT SHOWN ON THE CROSS SECTIONS, BUT MEASURED AND PAID FOR AS EXCAVATION COMMON. THE LOCATION OF EBS WILL BE DETERMINED BY THE ENGINEER.

BEARINGS REFERENCED TO THE WISCONSIN COUNTY COORDINATE SYSTEM (WCCS),

DISTURBED AREAS WITHIN THE RIGHT OF WAY, EXCEPT THE AREAS WITHIN THE FINISHED SHOULDER POINTS, ARE TO BE FERTILIZED AND SEEDED AS DIRECTED BY THE ENGINEER.

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

THE BENCHMARK IS REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM (NAVD88).

WETLANDS ARE PRESENT WITHIN THE PROJECT LIMITS. DO NOT OPERATE EQUIPMENT OUTSIDE THE SLOPE INTERCEPTS.

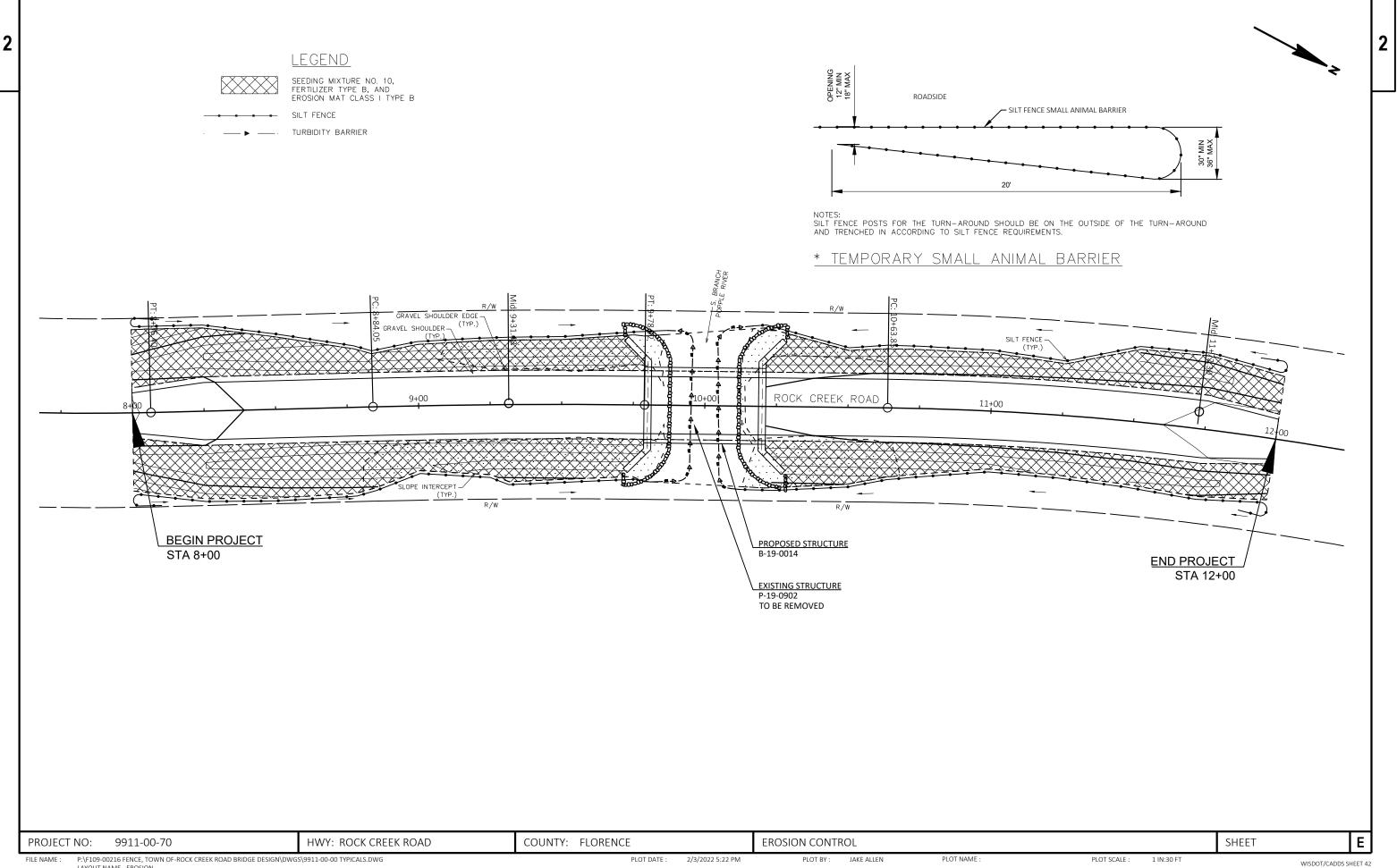
ASPHALTIC SURFACE SHALL BE COMPLETED IN TWO LIFTS, EACH 1.5" THICK.

STANDARD ABBREVIATIONS

BUTMENT GGREGATE ND OTHERS NNUAL AVERAGE DAILY TRAFFIC ACK FACE ENTERLINE ENTERLINE ENTRAL ANGLE OR DELTA LEAR ONCRETE ONSTRUCTION ORNER ORRUGATED METAL PIPE OUNTY TRUCK LINE REEK UBIC FEET/ SECOND ULVERT EGREE OF CURVE ESIGN HOUR VOLUME AST LEVATION STIMATED DET PER SECOND ELD ENTRANCE DOT (FEET) DOTING DUNDATION RONT FACE ION FOR VARD EFT - HAND FORWARD ENGTH OF CURVE NEAR FOOT AXIMUM ILE INIMUM ORMAL CROWN ORTHEAST ORTHWEST UMBER		POINT OF CURVATURE POINT OF INTERSECTION POINT OF TANGENCY POINT ON LINE PRIVATE ENTRANCE PROPORTY LINE POUNDS/ SQUARE INCH PROPOSED RADIUS RAILROAD REINFORCEMENT BAR REQUIRED RIGHT-HAND FORWARD RIGHT-HAND FORWARD RIGHT-OF-WAY ROAD SECTION SOUTH SOUTHEAST SOUTHEAST SOUTHEAST SOUTHEAST SOUTHEAST SOUTHEAST SOUTHEAST SOUTHEAST SOUTHEAST SOUTHEAST SOUTHEAST SOUTHEAST SOUTHEAST SOUTHEAST SOUTHEAST SOUTHEAST SOUTHEAST STATE TRUCK HIGHWAY STATION SUPER ELEVATION TANGENT TELEPHONE TEMPORARY INTEREST TEMPORARY LIMITED EASEMENT (LTRANSIT LINE TRUCKS TYPICAL UNDERGROUND VARIABLE VECTICAL POINT OF CURVATURE VERTICAL POINT OF INTERSECTION VERTICAL POINT OF TANGENCY WEST YARD
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SHEET

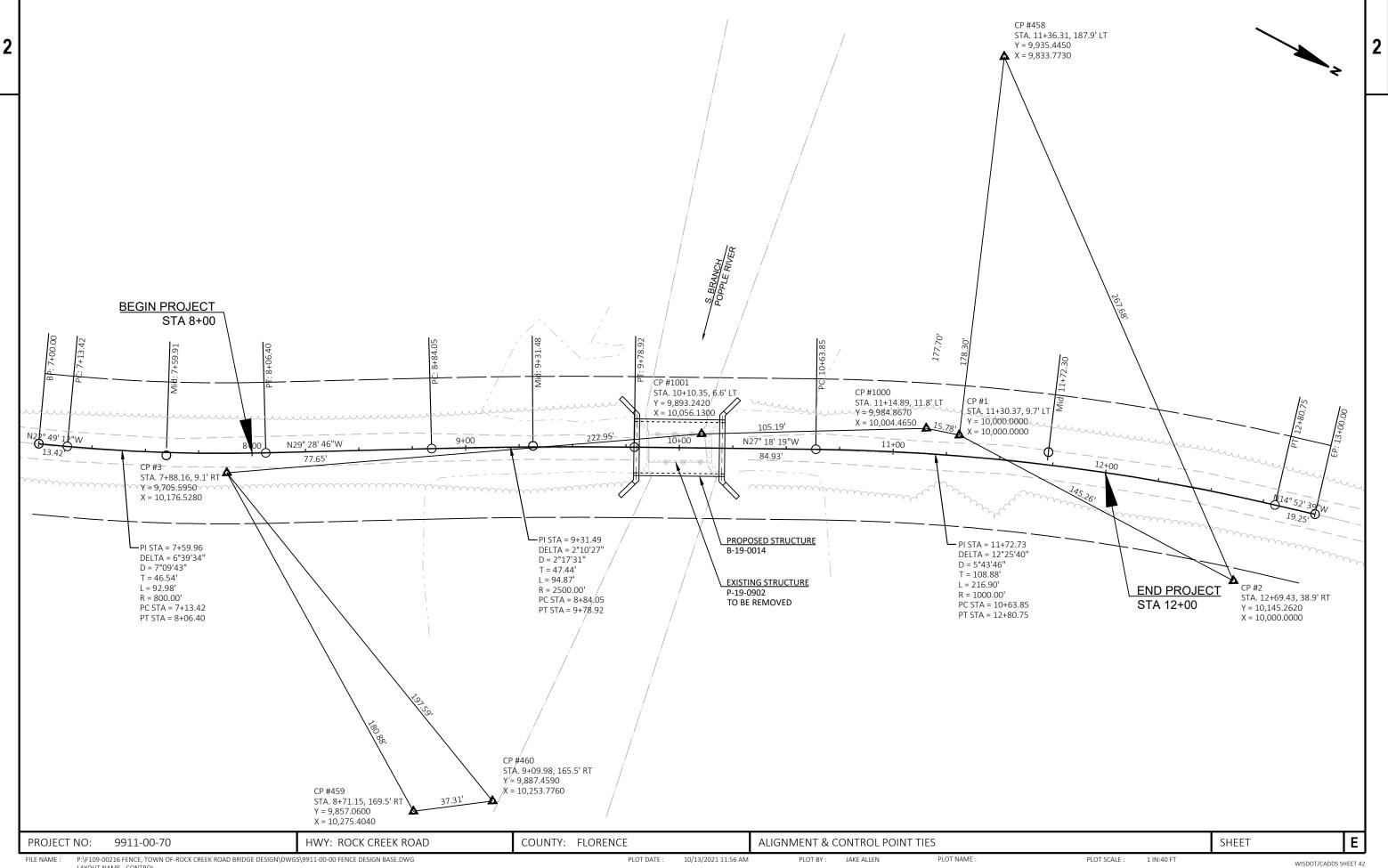
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FILE NAME : P:\F109-00216 FENCE, TOWN OF-ROCK CREEK ROAD BRIDGE DESIGN\DWGS\9911-00-00 TYPICALS.DWG LAYOUT NAME - EROSION

PLOT DATE : PLOT BY : JAKE ALLEN 2/3/2022 5:22 PM

PLOT NAME :



P:\F109-00216 FENCE, TOWN OF-ROCK CREEK ROAD BRIDGE DESIGN\DWGS\9911-00-00 FENCE DESIGN BASE.DWG FILE NAME : LAYOUT NAME - CONTROL

PLOT DATE : PLOT BY : 10/13/2021 11:56 AM

PLOT NAME :

Estimate Of Quantities

					9911-00-70
Line	Item	Item Description	Unit	Total	Qty
0002	201.0105	Clearing	STA	4.000	4.000
0004	201.0205	Grubbing	STA	4.000	4.000
0006	203.0260	Removing Structure Over Waterway Minimal Debris (structure) 01. P-19-0902	EACH	1.000	1.000
8000	205.0100	Excavation Common	CY	532.000	532.000
010	206.1000	Excavation for Structures Bridges (structure) 01. B-19-0014	LS	1.000	1.000
0012	210.1500	Backfill Structure Type A	TON	292.000	292.000
0014	213.0100	Finishing Roadway (project) 01. 9911-00-70	EACH	1.000	1.000
0016	305.0110	Base Aggregate Dense 3/4-Inch	TON	30.000	30.000
0018	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	430.000	430.000
0020	350.0102	Subbase	CY	430.000	430.000
0022	455.0605	Tack Coat	GAL	60.000	60.000
0024	465.0105	Asphaltic Surface	TON	135.000	135.000
0026	502.0100	Concrete Masonry Bridges	CY	131.000	131.000
0028	502.3200	Protective Surface Treatment	SY	180.000	180.000
0030	505.0400	Bar Steel Reinforcement HS Structures	LB	3,940.000	3,940.000
0032	505.0600	Bar Steel Reinforcement HS Coated Structures	LB	18,710.000	18,710.000
0034	513.4061	Railing Tubular Type M	LF	90.000	90.000
0036	516.0500	Rubberized Membrane Waterproofing	SY	10.000	10.000
0038	550.0500	Pile Points	EACH	12.000	12.000
0040	550.1100	Piling Steel HP 10-Inch X 42 Lb	LF	330.000	330.000
0042	606.0300	Riprap Heavy	CY	94.000	94.000
0042	612.0406	Pipe Underdrain Wrapped 6-Inch	LF	142.000	142.000
0046	619.1000	Mobilization	EACH	1.000	1.000
0048	624.0100	Water	MGAL	4.000	4.000
0050	625.0500	Salvaged Topsoil	SY	1,000.000	1,000.000
0052	628.1504	Silt Fence	LF	900.000	900.000
0054	628.1520	Silt Fence Maintenance	LF	900.000	900.000
0056	628.1905	Mobilizations Erosion Control	EACH	2.000	2.000
0058	628.1910	Mobilizations Energency Erosion Control	EACH	2.000	2.000
0060	628.2004	Erosion Mat Class I Type B	SY	1,000.000	1,000.000
0062	628.6005	Turbidity Barriers	SY	85.000	85.000
0064	629.0210	Fertilizer Type B	CWT	0.375	0.375
0066	630.0110	Seeding Mixture No. 10	LB	7.500	7.500
0068	630.0500	Seed Water	MGAL	1.000	1.000
0070	634.0612	Posts Wood 4x6-Inch X 12-FT	EACH	4.000	4.000
0070	637.2230	Signs Type II Reflective F	SF	12.000	12.000
0072 0074	638.2602	Removing Signs Type II	EACH	4.000	4.000
0074	638.3000	Removing Small Sign Supports	EACH	4.000	4.000
078	642.5001	Field Office Type B	EACH	4.000	4.000
080	643.0420	Traffic Control Barricades Type III	DAY	360.000	360.000
0080	643.0420	Traffic Control Warning Lights Type A	DAY	240.000	240.000
0082 0084	643.0705	Traffic Control Signs	DAY	120.000	120.000
0084 0086	643.5000	Traffic Control	EACH	1.000	120.000
086	645.0111	Geotextile Type DF Schedule A	SY	58.000	58.000
0088	645.0111	Geotextile Type HR	SY	190.000	190.000
	650.4500	Construction Staking Subgrade	LF	360.000	360.000
0092 0094	650.5000	Construction Staking Subgrade	LF	360.000	360.000
094 0096	650.6500	Construction Staking Base Construction Staking Structure Layout (structure) 01. B-19-0014	LF	1.000	1.000
	000.0000	CONSTRUCTION STATUTE LAVOUR (STRUCTURE) 01. D-19-0014	LO	1.000	1.000

3

02/07/2022 10:42:58 3 Page 1

		Estimate Of Quantities							
					9911-00-70				
Line	Item	Item Description	Unit	Total	Qty				
0100	650.9920	Construction Staking Slope Stakes	LF	375.000	375.000				
0102	715.0502	Incentive Strength Concrete Structures	DOL	1,000.000	1,000.000				
0104	ASP.1T0A	On-the-Job Training Apprentice at \$5.00/HR	HRS	150.000	150.000				
0106	ASP.1T0G	On-the-Job Training Graduate at \$5.00/HR	HRS	300.000	300.000				
0108	SPV.0195	Special 01. Select Crushed Material for Travel Corridor	TON	40.000	40.000				

02/07/2022 10:42:58 Page 2 3

		630.0110 SEEDING	630.0500	628.1504	628.1520 SILT FENCE	629.0210 FERTILIZER	625.0500 SALVAGED	628.2004 EROSION MAT	628.1905 MOBILIZATIONS	628.1910 MOBILIZATIONS EMERGENCY
		MIXTURE NO. 10	SEED WATER	SILT FENCE	MAINTENANCE	TYPE B	TOPSOIL	CLASS I TYPE B	EROSION CONTROL	EROSION CONTROL
STATION - STATION	LOCATION	LB	MGAL	LF	LF	CWT	SY	SY	EACH	EACH
8+00 - 9+79	MAINLINE, LT	1.5	0.25	215	215	0.075	240	240		
8+00 - 9+79	MAINLINE, RT	1.5	0.25	210	210	0.075	310	310		
10+22 - 12+00	MAINLINE, LT	1.5	0.25	215	215	0.075	204	204		
10+22 - 12+00	MAINLINE, RT	1.5	0.25	210	210	0.075	216	216		
8+00 - 12+00	MAINLINE								2	2
8+00 - 12+00	UNDISTRIBUTED	1.5		50	50	0.075	- - 30	30		
TOTAL		7.5	1	900	900	0.375	1000	1000	2	2

BASE AGGREC	GATE DENSE 1 1/4	INCH		SUBBASE						
		305.0120			WATER					
STATION - STATION	LOCATION	TON	ROADWAY	LOCATION	350.0102 CY	_	_	PROJECT	LOCATION	624.0100 MGAL
8+00 - 9+79	MAINLINE	215	8+00 - 9+79	MAINLINE SOUTH	1 215			9911-00-70	MAINLINE	4
10+22 - 12+00	MAINLINE	215	10+22 - 12+00) MAINLINE NORTH	1 215		=	9911-00-70	MAINLINE	4
TOTAL		430		TOTAL	430	=		TOTAL		4
									PAVEME	NT
BASE AGGI	REGATE DENSE 3/4	4 INCH								465.0105
				CLEARING & GRUBB	ING					ASPHALTIC
		305.0120			004 0405	004 0005				SURFACE
STATION - STATION	LOCATION	TON			201.0105 CLEARING	201.0205 GRUBBING		STATION - STATION	LOCATION	TON
			STATION - STATION	LOCATION	STA.	STA.		8+00 - 9+79	MAINLINE SOUT	H 67.5
8+00 - 9+79	SHLDRS	15						10+22 - 12+00	MAINLINE NORT	H 67.5
10+22 - 12+00	SHLDRS	15	8+00-9+80, 10+20-12+0	0 MAINLINE, LT & RT	4	4				

EROSION CONTROL ITEMS

PROJECT NO: 9911-00-70 HWY: ROCK CREEK ROAD COUNTY: FLORENCE MISCELLANEOUS QUANTITIES

4

4

TOTAL

TOTAL

30

455.0605		
TACK		
COAT		
GAL		
30		
30		
60	ALL ITEMS ARE CATEGORY 0010	_
	UNLESS OTHERWISE NOTED.	
	SHEET	Ε

TOTAL

135

ALL ITEMS ARE CATEGORY 0010 ED.

3

	Division	From/to Station	Location	205.0100 Common Excavation (CYD)	Salvaged Unusable Pavement Material (1)	Available Material (2)	Unexpanded Fill	Expanded Fill	Mass Ordinate + / - (3)	Waste (CYD)	Comment
				Cut (1)				Factor 1.25			
	1	8+00 - 9+79	Mainline South Approach	280	0	280	157	196.25	84	84	
			Division 1 Subtotal =	280	0	280	157	196.25	84	84	
	2	10+22 - 12+00	Mainline North Approach	252	0	252	80	100	152	152	
			Division 2 Subtotal =	252	0	252	80	100	152	152	
			Grand Total =	532	0	532	237	296.25	236	236	Waste total is excess material not used for fill.

1. Salvaged/Unusable Pavement Material is included in the cut (excavation).

2. Available Material = cut (excavation) - salvaged unusable pavement material

3. Mass Ordinate can be a positive or negative value. Positive indicates excess material for the division, negative indicates a shortage of material for the division.

TRAFFIC CONTROL

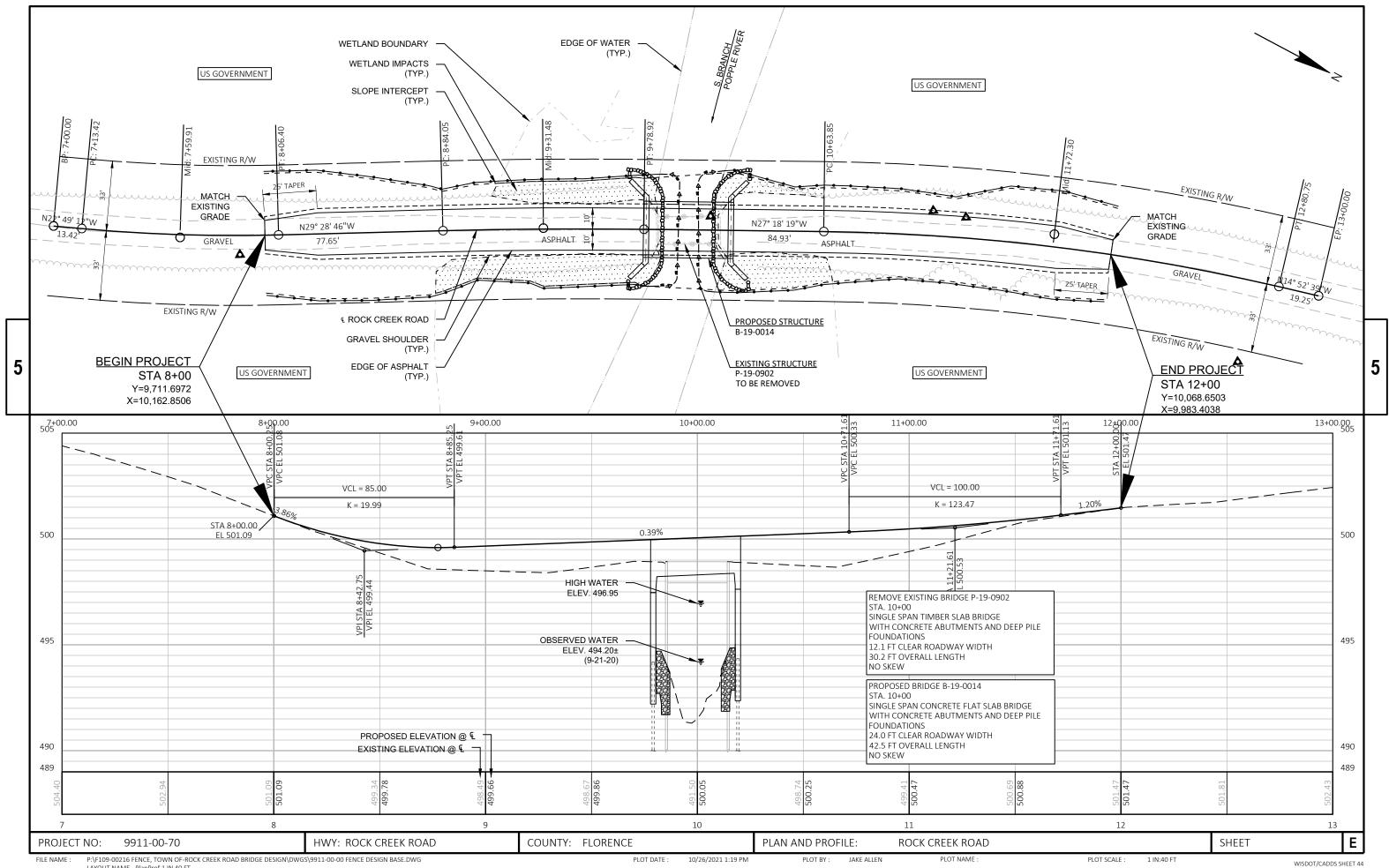
	643.0420	643.0705						
	TRAFFIC CONTROL	TRAFFIC CONTROL	643.0900	643.5000		FIEL		
	BARRICADES	WARNING LIGHTS	TRAFFIC CONTROL	TRAFFIC CONTROL				C40 5004
	TYPE III	TYPE A	SIGNS	9911-00-70				642.5001
LOCATION	DAY	DAY	DAY	EACH	_	PROJECT	LOCATION	EACH
PROJECT 9911-00-70	360	240	120	1	_	9911-00-70	MAINLINE	1
						TOTAL		1
TOTAL	360	240	120	1				

	SIGNING QUANTITIES								CONSTRUCTION STAKING						
		637.2230 SIGNS TYPE II REFLECTIVE F	634.0612 POSTS WOOD 4X6-INCH X 12-FT	638.2602 REMOVING SIGNS TYPE II	638.3000 S REMOVING SMALL SIGN SUPPORTS						650.9910 SUPPLEMENTAL		CATEGORY 0020 650.6500		
	LOCATION	SF	EACH	EACH	EACH	DESCRIPTION			650.4500 SUBGRADE	650.5000 BASE	CONTROL 9911-00-70	650.9920 SLOPE STAKES	STRUCTURE LAYOUT B-19-0014		
	NW BRIDGE CORNER	3.00	1	1	1	W5-52 L	STATION - STAT	ON LOCATION	LF	LF	LS	LF	LS		
	SW BRIDGE CORNER	3.00	1	1	1	W5-52 R									
	NE BRIDGE CORNER	3.00	1	1	1	W5-52 R	8+00 - 12+00	MAINLINE	360	360	1	375	1		
	SE BRIDGE CORNER	3.00	1	1	1	W5-52 L									
	TOTAL	12.00	4	4	4		TO	AL	360	360	1	375	1		
PROJECT NO: 9911-00-70		HWY: ROCK	CREEK ROAD	CC	UNTY: FLOREN	ICE	ROADV	AY QUANTITI	ES			SHEET			

3

TURBIDITY BARRIER

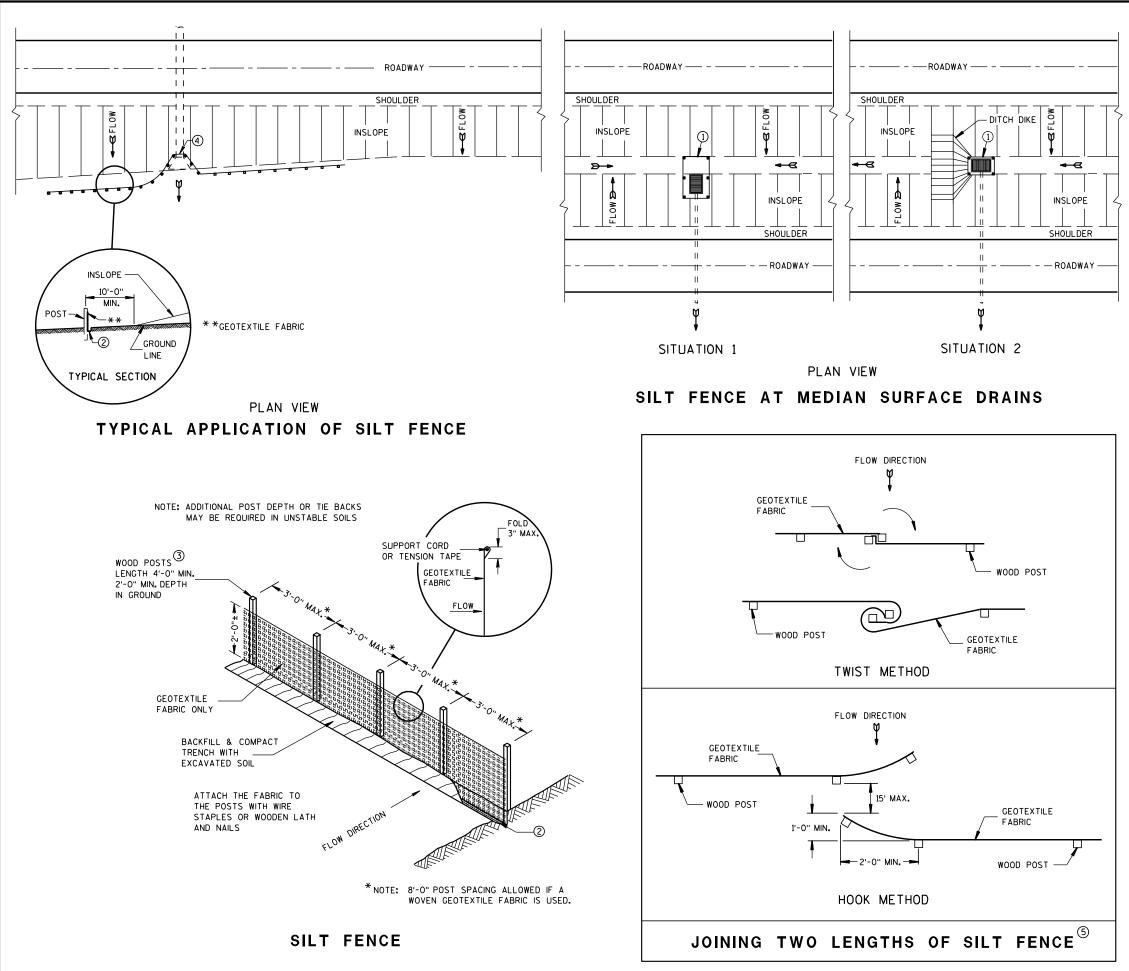
		628.6005		
LOCATION	ABUTMENT	SY		
9+95	SOUTH	42.5		
10+05	NORTH	42.5		
TOTAL		85		



LAYOUT NAME - PlanProf 1 IN 40 FT

Standard Detail Drawing List

08E09-06	SILT FENCE
08E11-02	TURBIDITY BARRIER
12A03-10	NAME PLATE (STRUCTURES)
15C02-08A	BARRICADES AND SIGNS FOR MAINLINE CLOSURES
15С02-08в	BARRICADES AND SIGNS FOR VARIOUS CLOSURES
15C06-09	SIGNING & MARKING FOR TWO LANE BRIDGES
15С11-09в	CHANNELIZING DEVICES DRUMS, CONES, BARRICADES AND VERTICAL PANELS



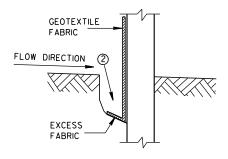
S.D.D. 8 E 9

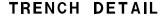
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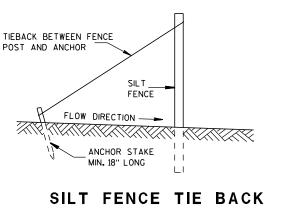
GENERAL NOTES

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

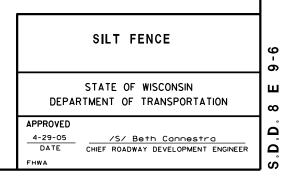
- \bigcirc horizontal brace required with 2" x 4" wooden frame or equivalent at top of posts.
- (2) FOR MANUAL INSTALLATIONS THE TRENCH SHALL BE A MINIMUM OF 4" WIDE & 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL & COMPACT TRENCH WITH EXCAVATED SOIL.
- (3)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

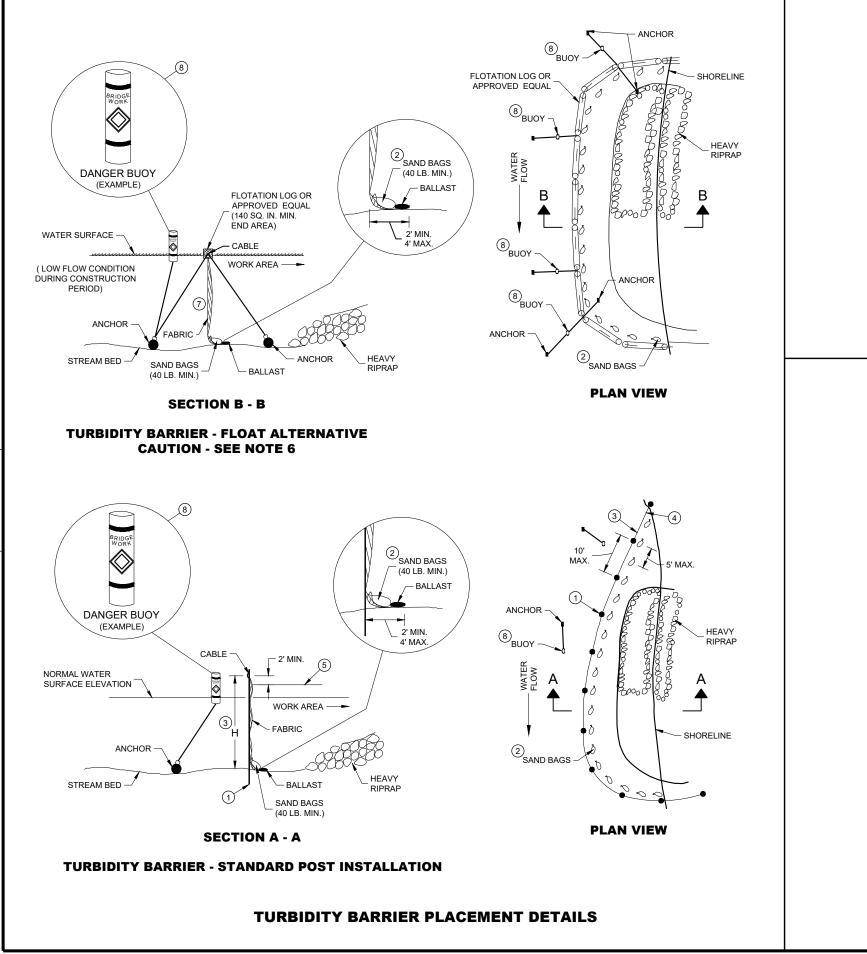




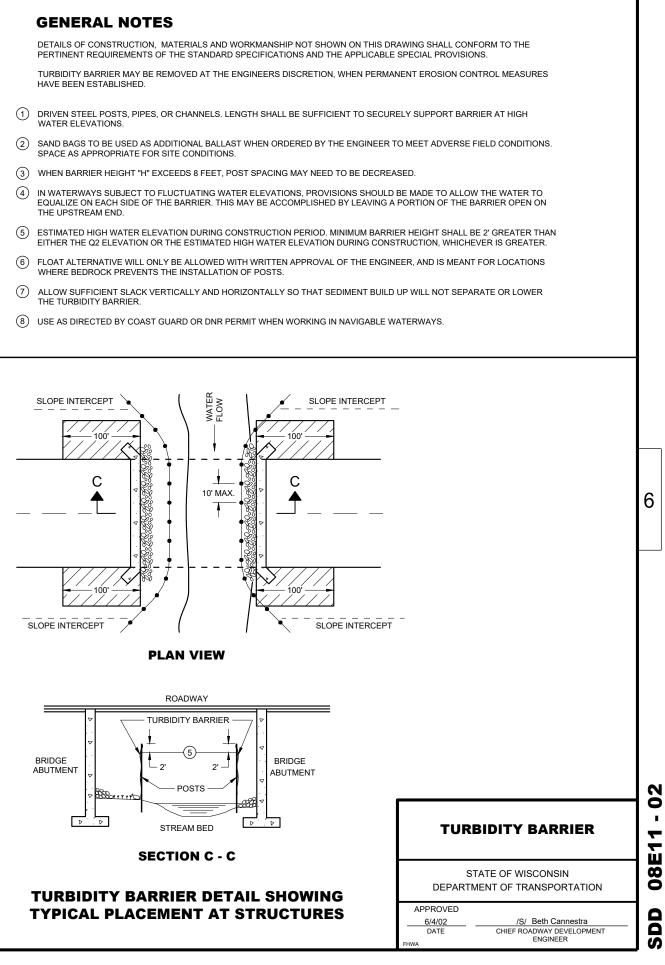


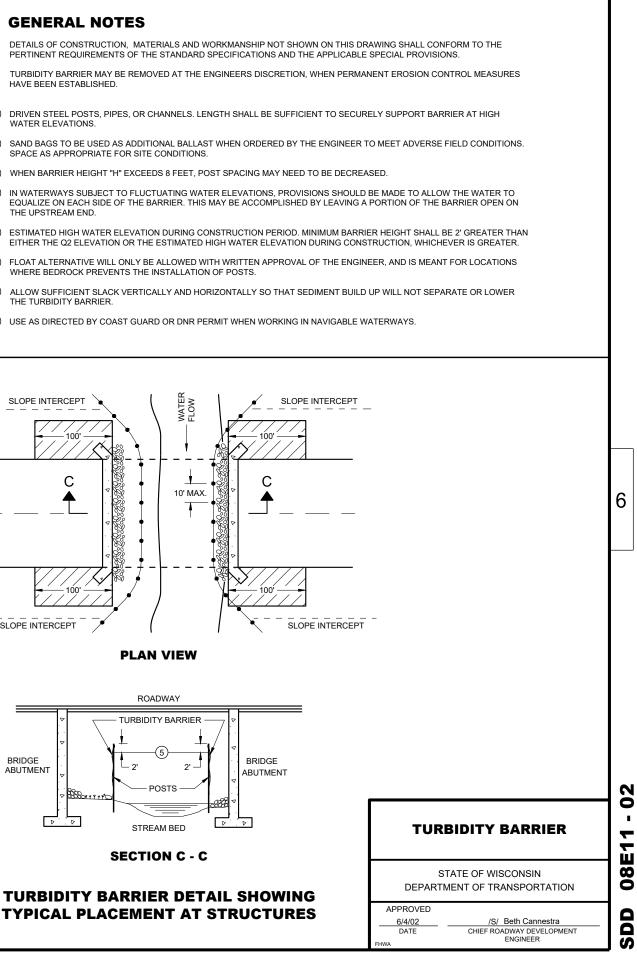
(WHEN REQUIRED BY THE ENGINEER)



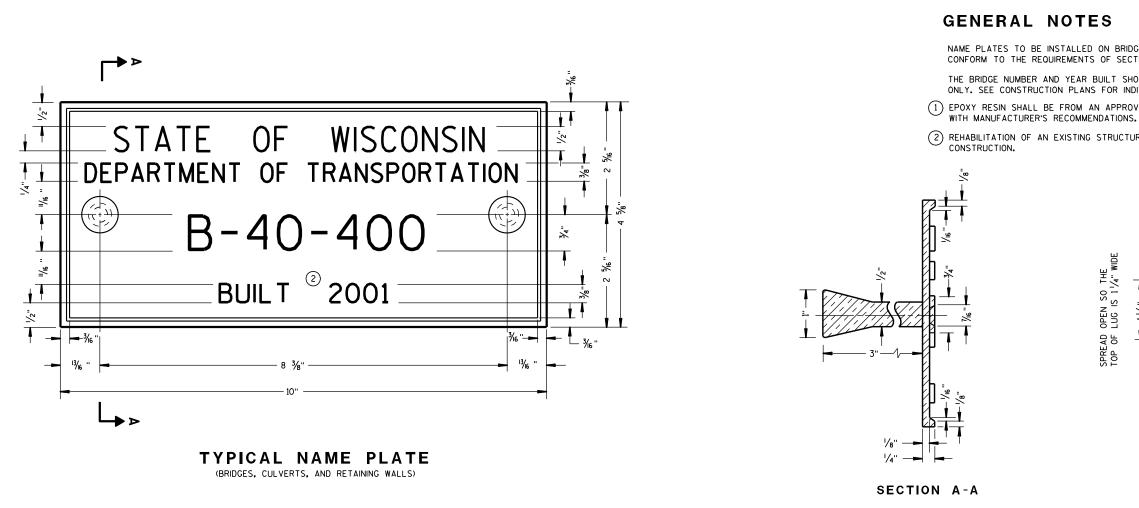


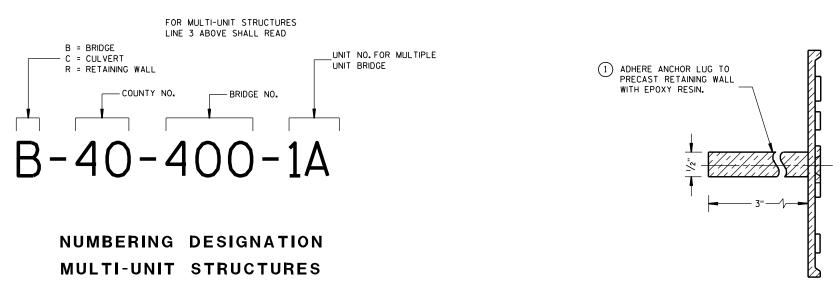
- WATER ELEVATIONS.





SDD 08E -. 02



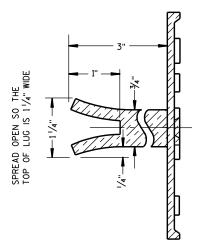


ALTERNATE LUG (FOR ATTACHMENT TO PRECAST STRUCTURES)

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)

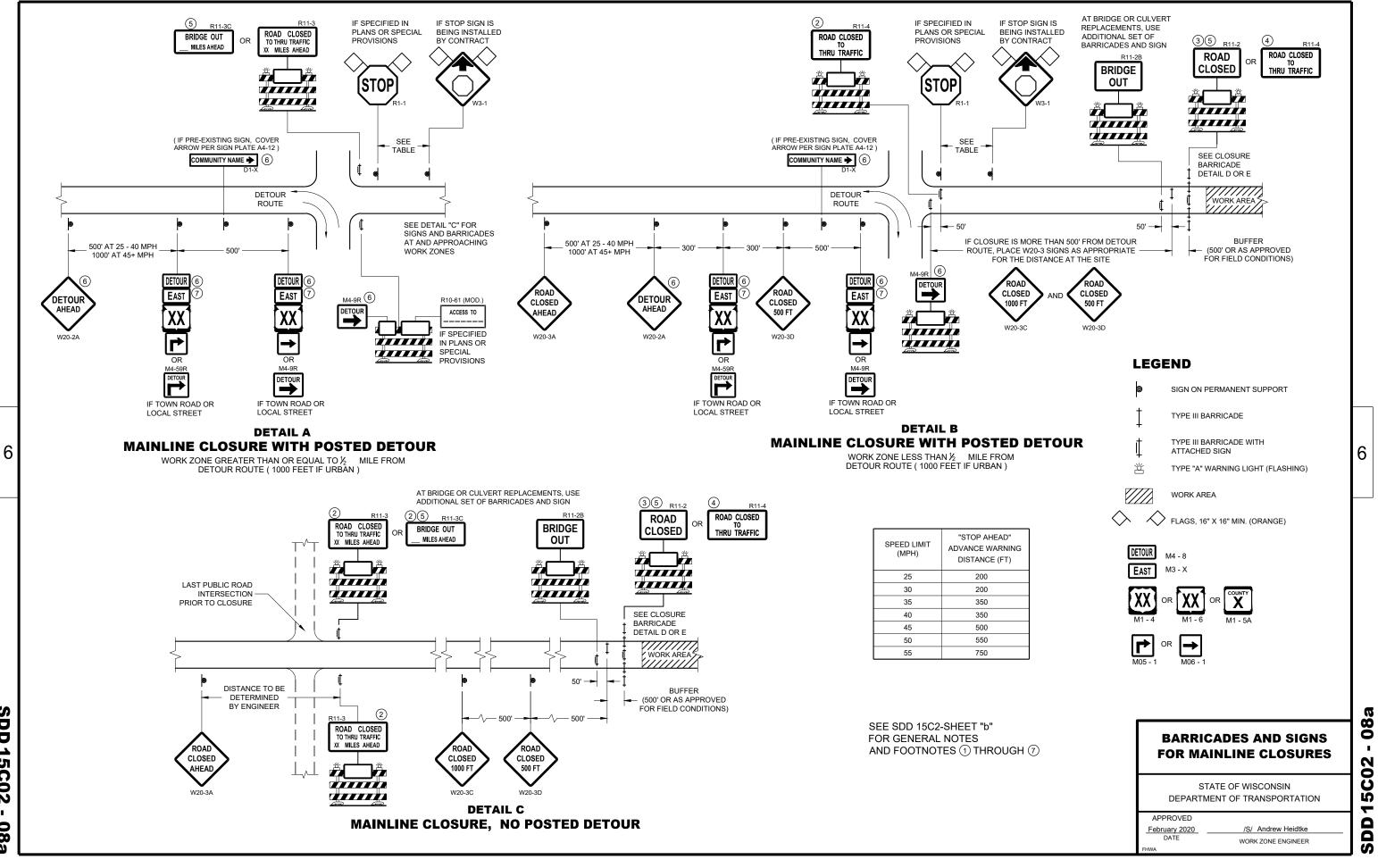
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

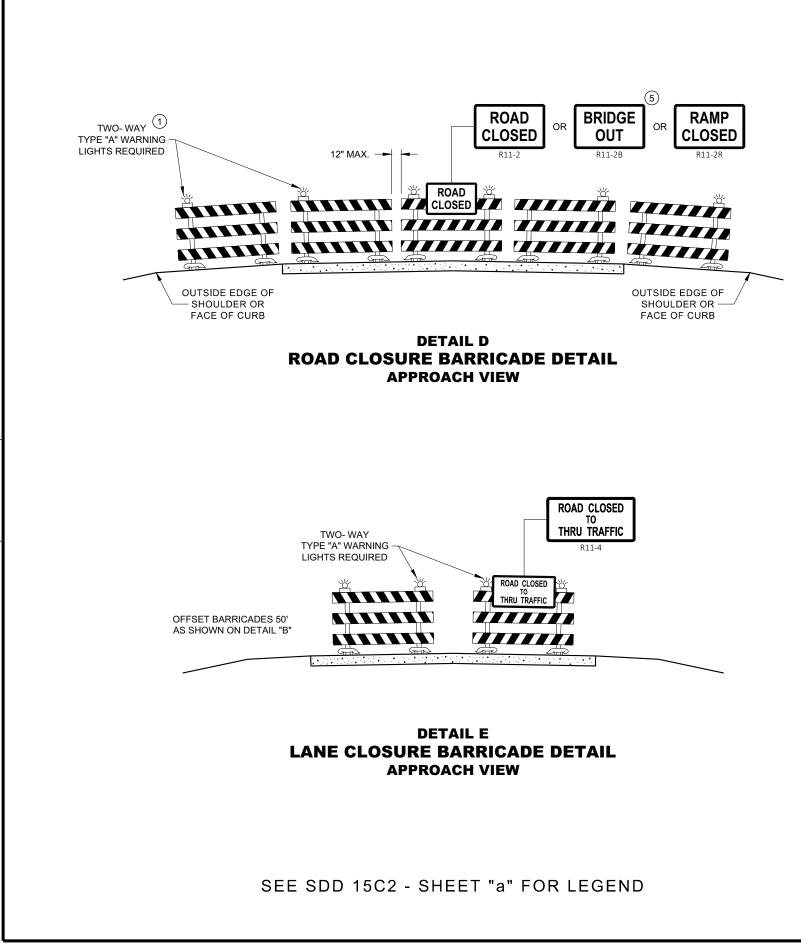
APPROVED

3/26/10 DATE FHWA

/S/ Scot Becker CHIEF STRUCTURAL DEVELOPMENT ENGINEER 6

3-10 ∢ 2 Δ Δ ഗ





GENERAL NOTES

FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

SUPPORTS.

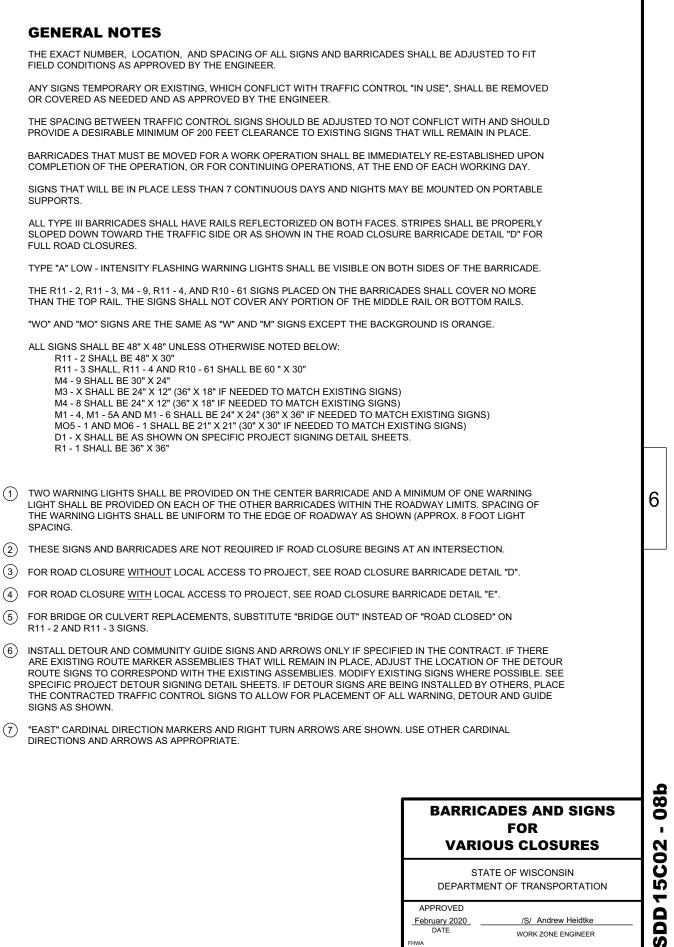
FULL ROAD CLOSURES.

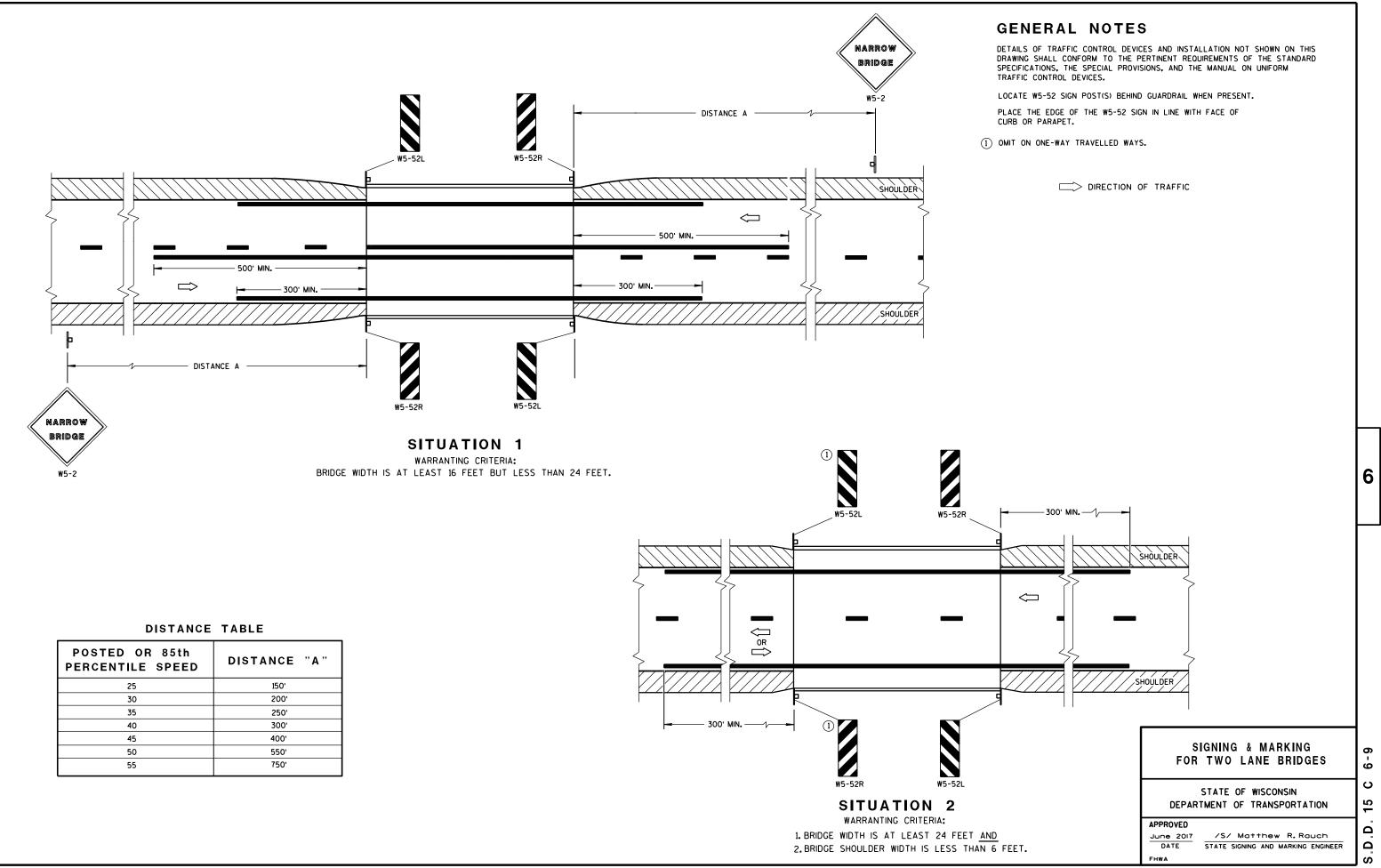
THAN THE TOP RAIL. THE SIGNS SHALL NOT COVER ANY PORTION OF THE MIDDLE RAIL OR BOTTOM RAILS.

"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)

 - R1 1 SHALL BE 36" X 36"
- (1)TWO WARNING LIGHTS SHALL BE PROVIDED ON THE CENTER BARRICADE AND A MINIMUM OF ONE WARNING 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.
- (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.



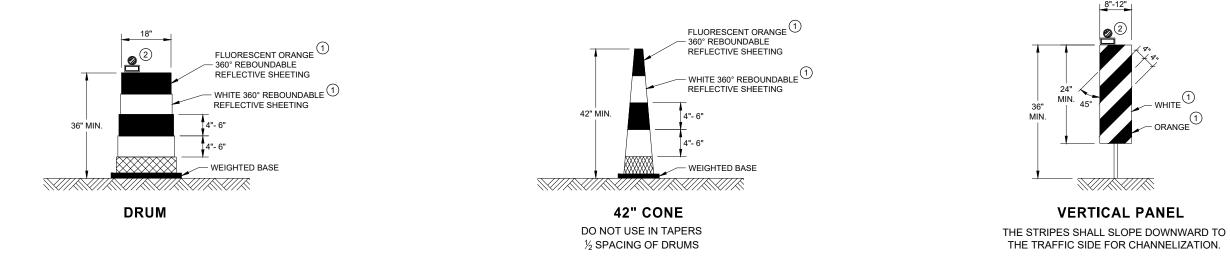


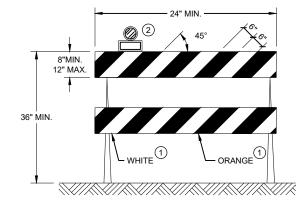
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GENERAL NOTES

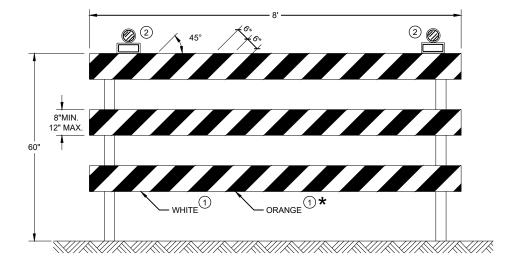
- (2) LOCATION OF WARNING LIGHTS WHEN SHOWN ON THE PLAN.





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.

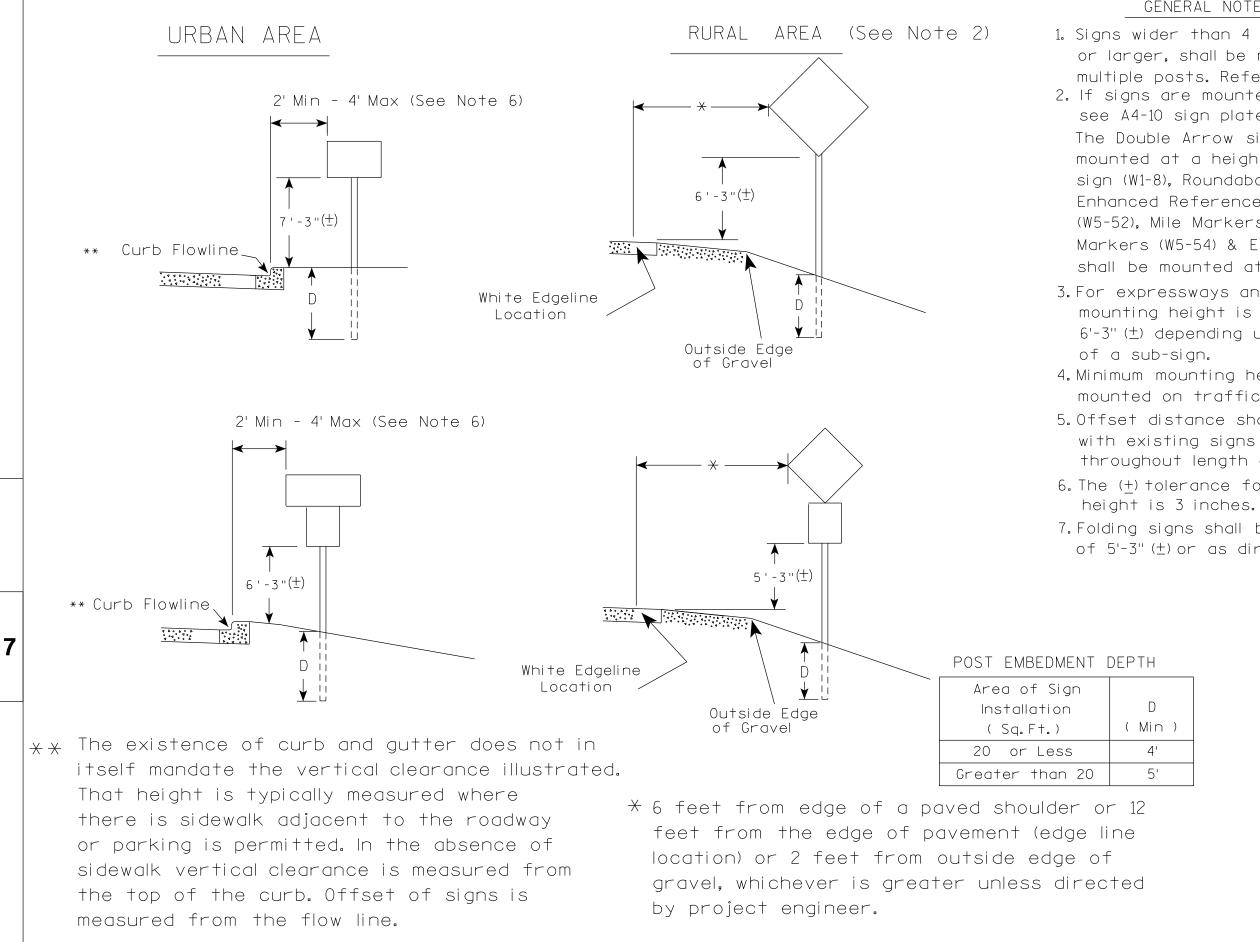
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CHANNELIZING DEVICES DRUMS, CONES, BARRICADES AND VERTICAL PANELS

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVED May 2021 DATE

/S/ Andrew Heidtke WORK ZONE ENGINEER

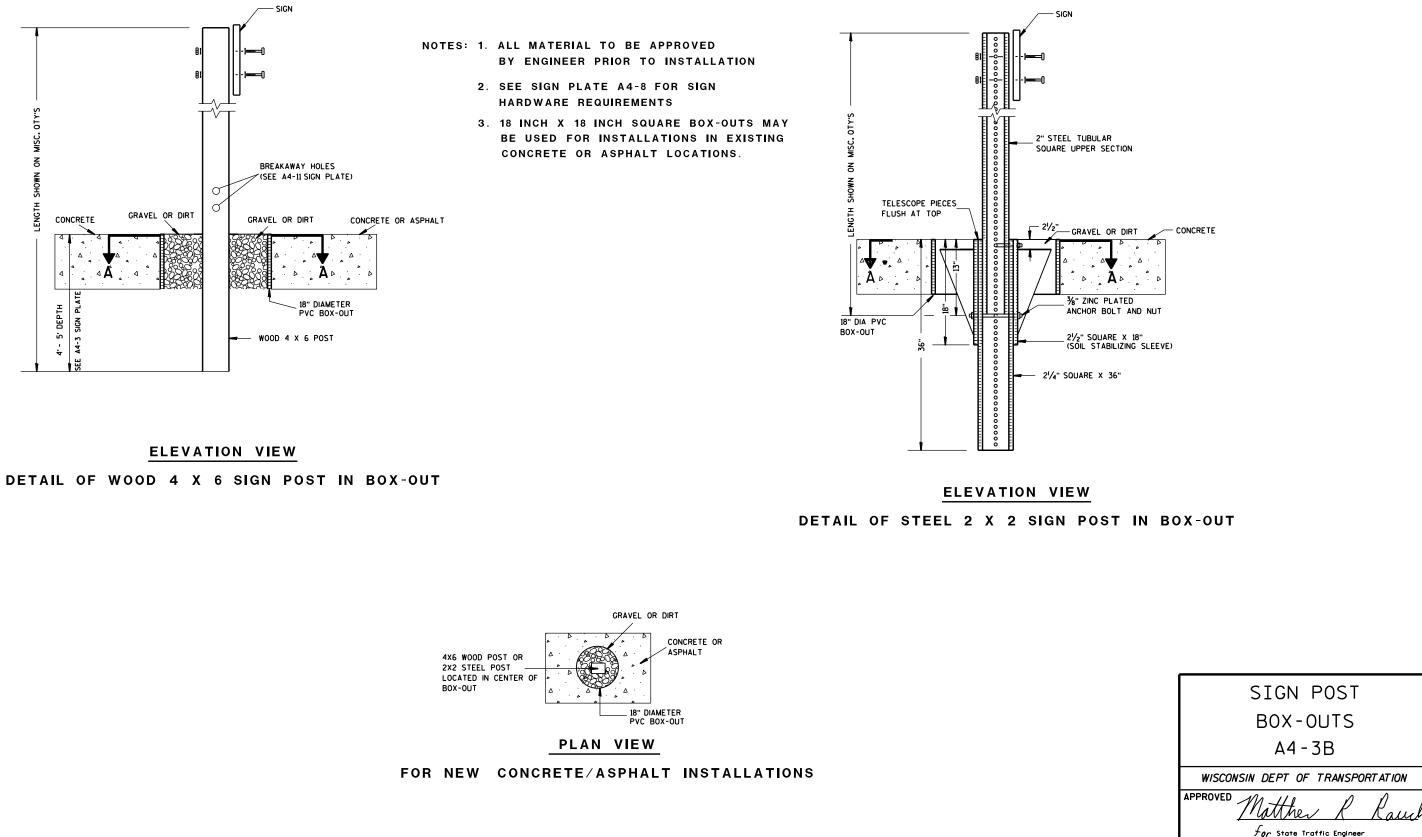


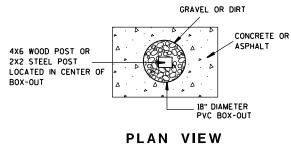
PROJECT NO:	HWY:	COUNTY:			
		DUAT DATE AT MAN AND A A	A DI OT DY O	DLOT NAME -	

GENERAL NOTES

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

)	
	TYPICAL INSTALLATION
	OF PERMANENT TYPE II
	SIGNS ON SINGLE POSTS
	WISCONSIN DEPT OF TRANSPORTATION
	APPROVED Matthew & Rauch For state Traffic Engineer
	DATE <u>5/13/202</u> 0 PLATE NO. <u>A4-3.22</u>
	SHEET NO: E
PLOT SCALE : \$\$	WISDOT/CADDS SHEET 42





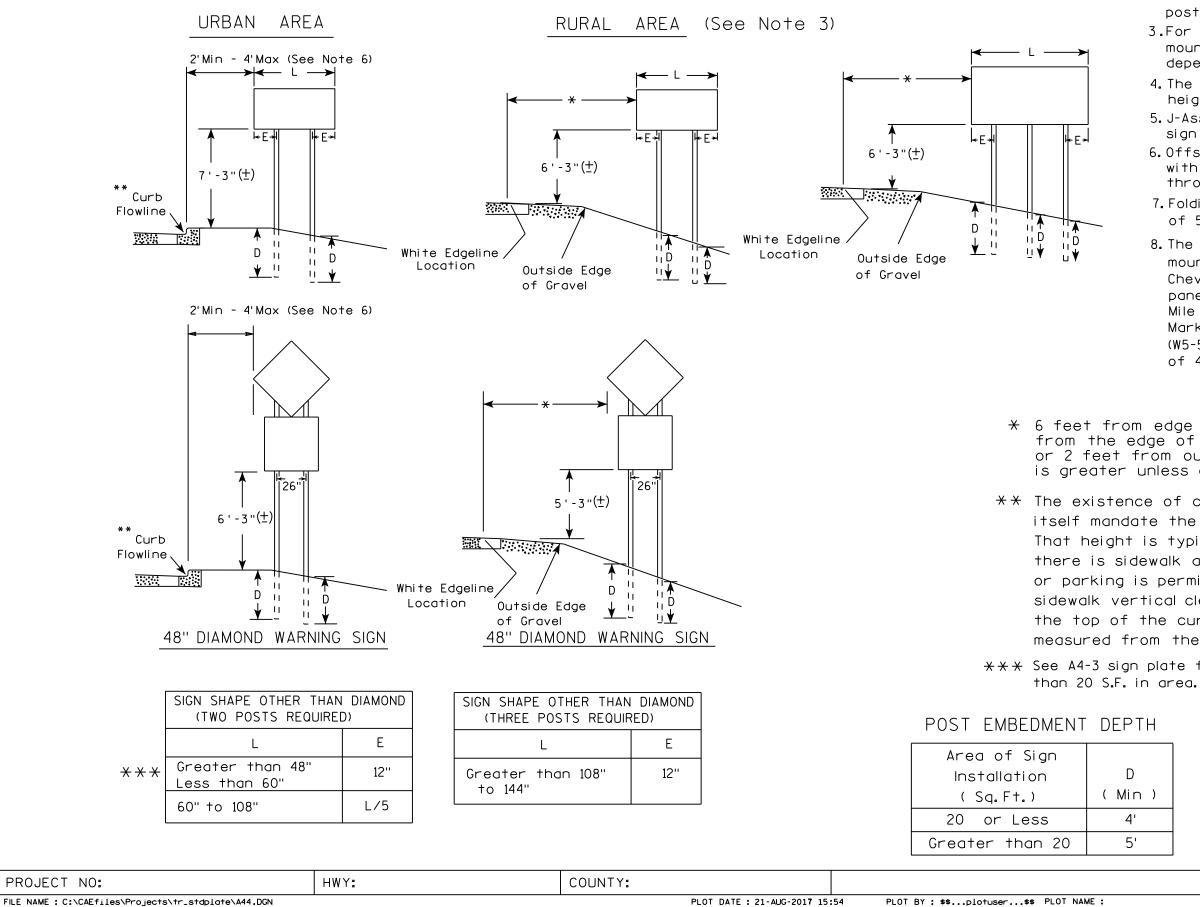
PROJECT NO:	HWY:	COUNTY:				
FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A43B.DGN			PLOT DATE : 27-JAN-2014 09:4	8	PLOT BY : mscsja	PLOT NAME :

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

SHEET NO:

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

Ε



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

7

GENERAL NOTES

- 1. For 3 or 4 post installations, individual post spacing shall be greater than 3'-6".
- 2. See tables below for required number of posts.
- 3.For expressways and freeways, mounting height is $7'-3''(\pm)$ or $6'-3''(\pm)$ depending upon existence of sub-sign.
- 4. The (±) tolerance for mounting height is 3 inches.
- 5. J-Assemblies are considered to be one sign for mounting height.
- 6. Offset distance shall be consistent with existing signs or consistent throughout length of project.
- 7. Folding signs shall be mounted at a height of 5'-3" (\pm) or as directed by the engineer.
- 8. The Double Arrow sign (W12-1) shall be mounted at a height of 2'-3'' (±). The Chevron sign (W1-8), Roundabout Chevron panel (R6-4B), Clearance Markers (W5-52), Mile Markers (D10 series), In Road Object Markers (W5-54) & End of Road Markers (W5-56) shall be mounted at a height of 4"-3" (±).

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

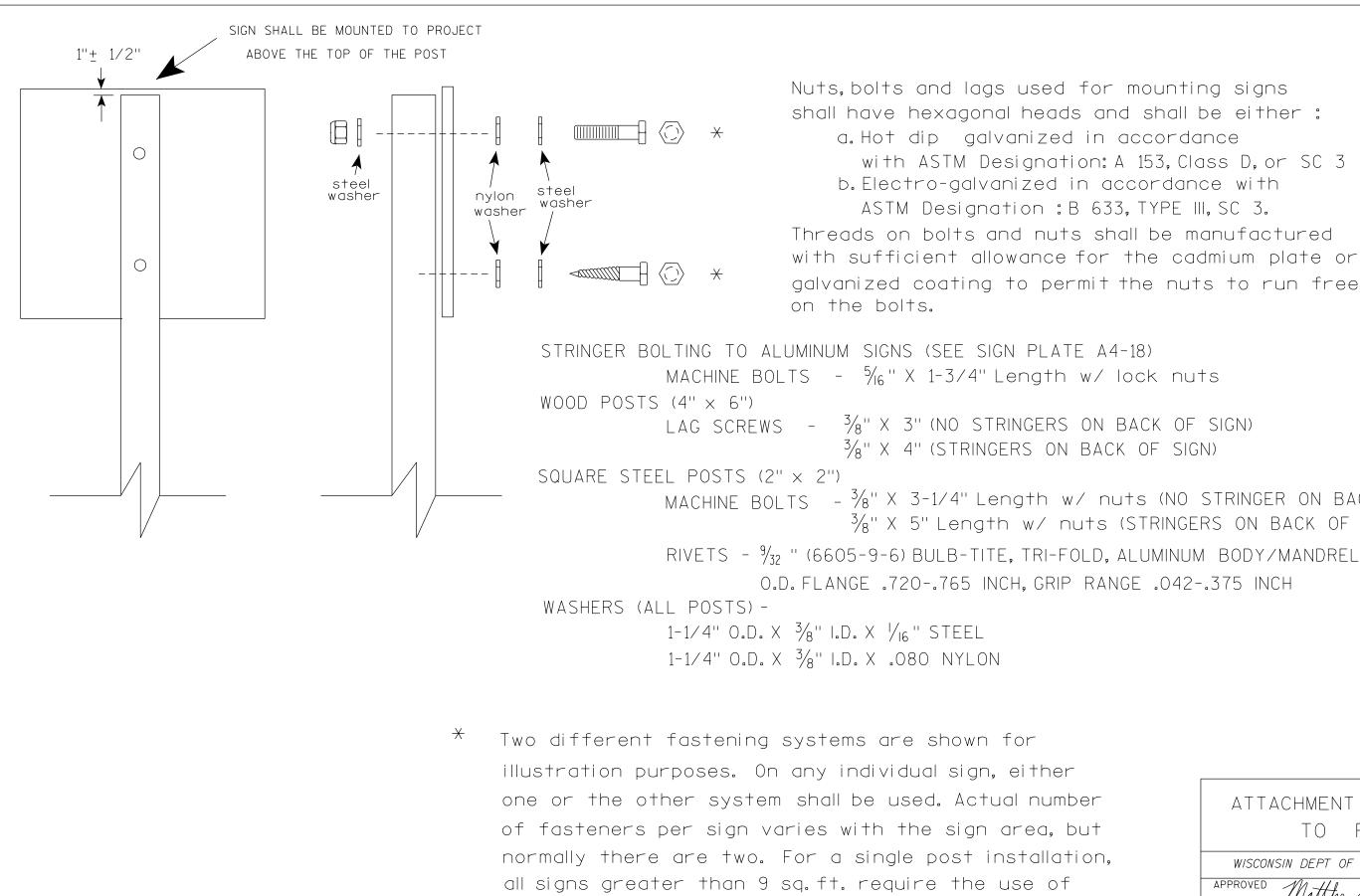
** The existence of curb and gutter does not in itself mandate the vertical clearance illustrated. That height is typically measured where there is sidewalk adjacent to the roadway or parking is permitted. In the absence of sidewalk vertical clearance is measured from the top of the curb. Offset of signs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

 \times \times See A4-3 sign plate for signs 4' or less in width and less

H	TYPICAL INSTALLATION OF TYPE II SIGNS ON MULTIPLE POSTS
)	WISCONSIN DEPT OF TRANSPORTATION
,	APPROVED Matther & Rauch
	For State Traffic Engineer
	DATE 8/21/17 PLATE NO. 44-4.15
	SHEET NO: E
DI AT. CA	L 5 - 100 100007-1 00000

PLOT SCALE : 108.188297:1.000000

WISDOT/CADDS SHEET 42



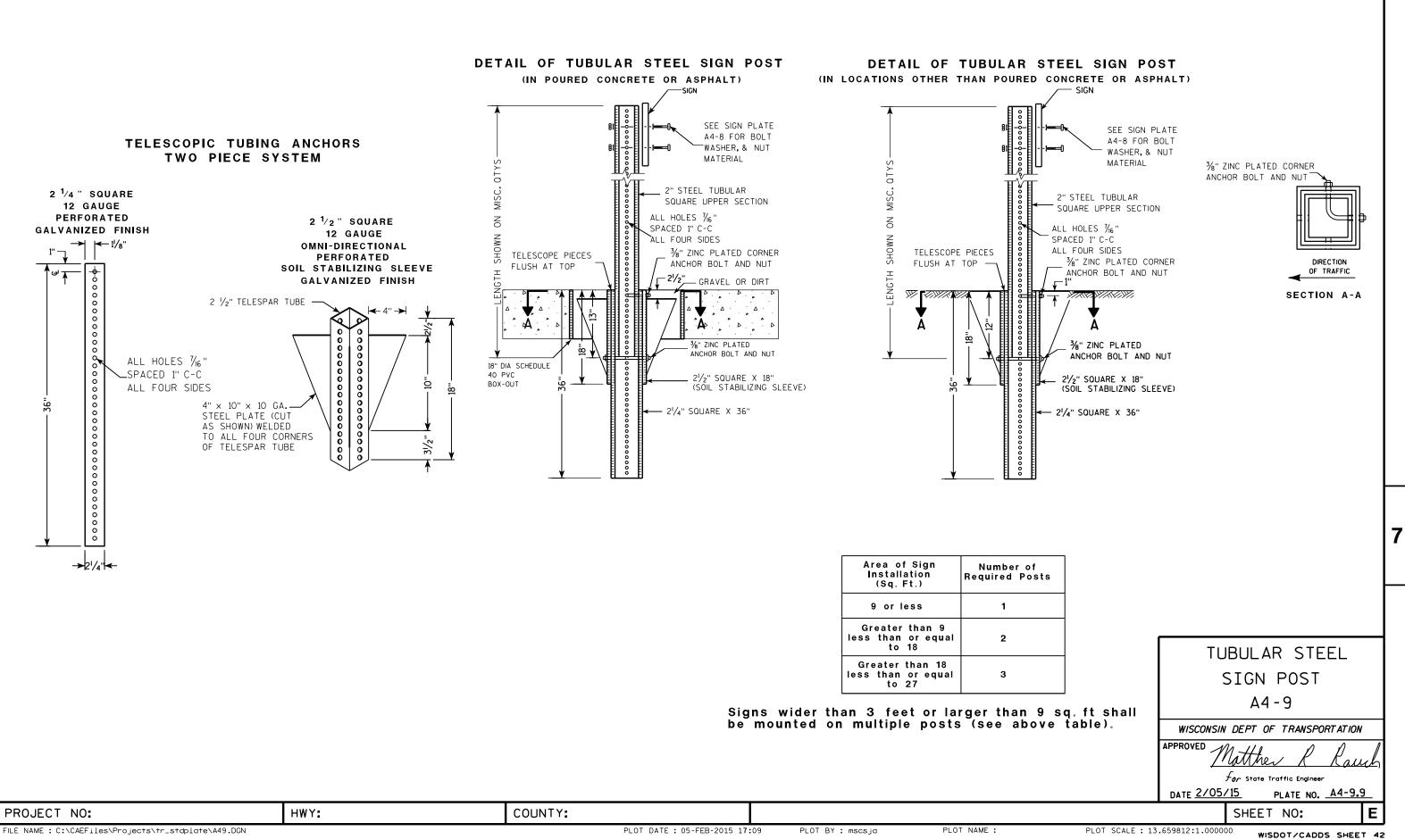
3 fasteners.

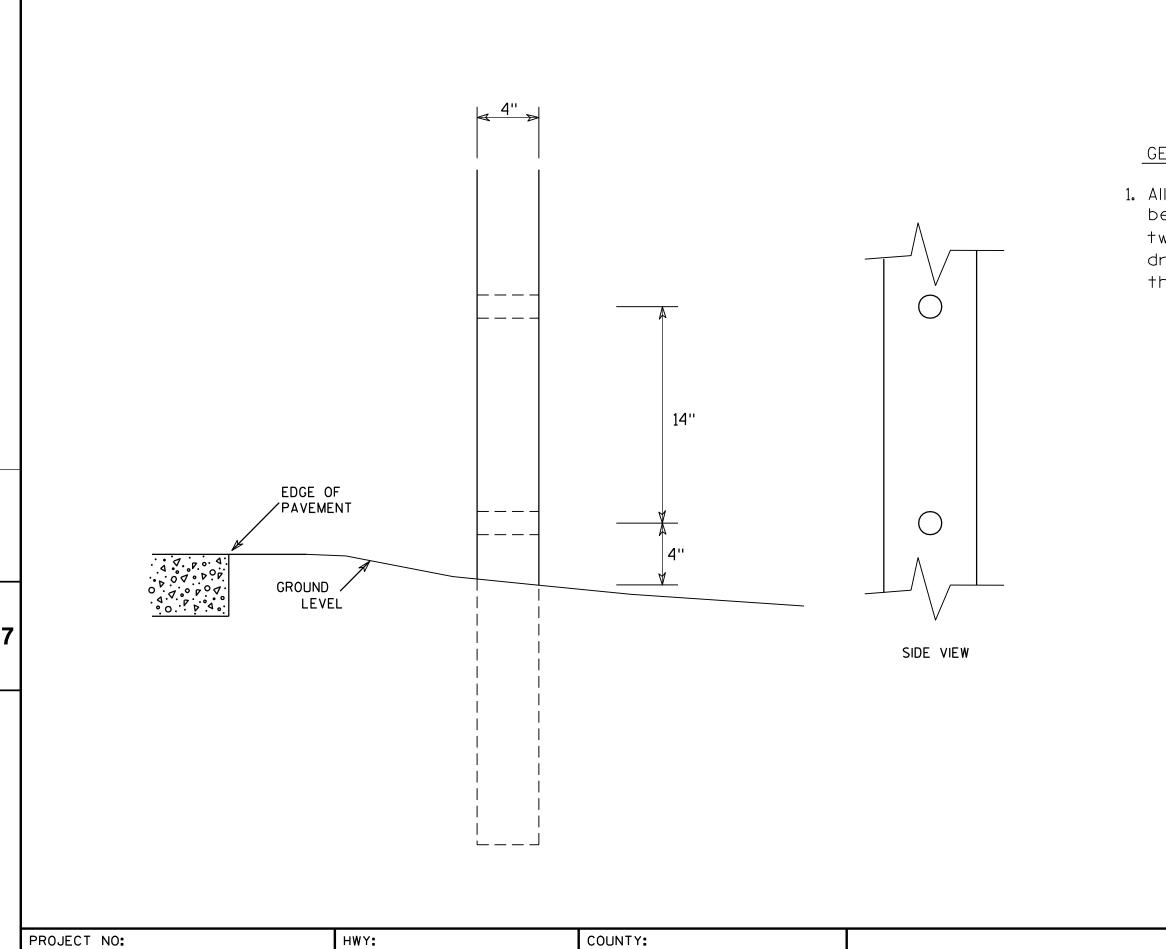
Nuts, bolts and lags used for mounting signs shall have hexagonal heads and shall be either : a. Hot dip galvanized in accordance with ASTM Designation: A 153. Class D. or SC 3 b. Electro-galvanized in accordance with ASTM Designation : B 633, TYPE III, SC 3. Threads on bolts and nuts shall be manufactured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

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

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

ATTACHMENT OF SIGNS TO POSTS
WISCONSIN DEPT OF TRANSPORTATION
APPROVED Matthew R Rauch
<i>+or</i> State Traffic Engineer
DATE <u>4/1/202</u> 0 plate no. <u>44-8.9</u>
SHEET NO: E



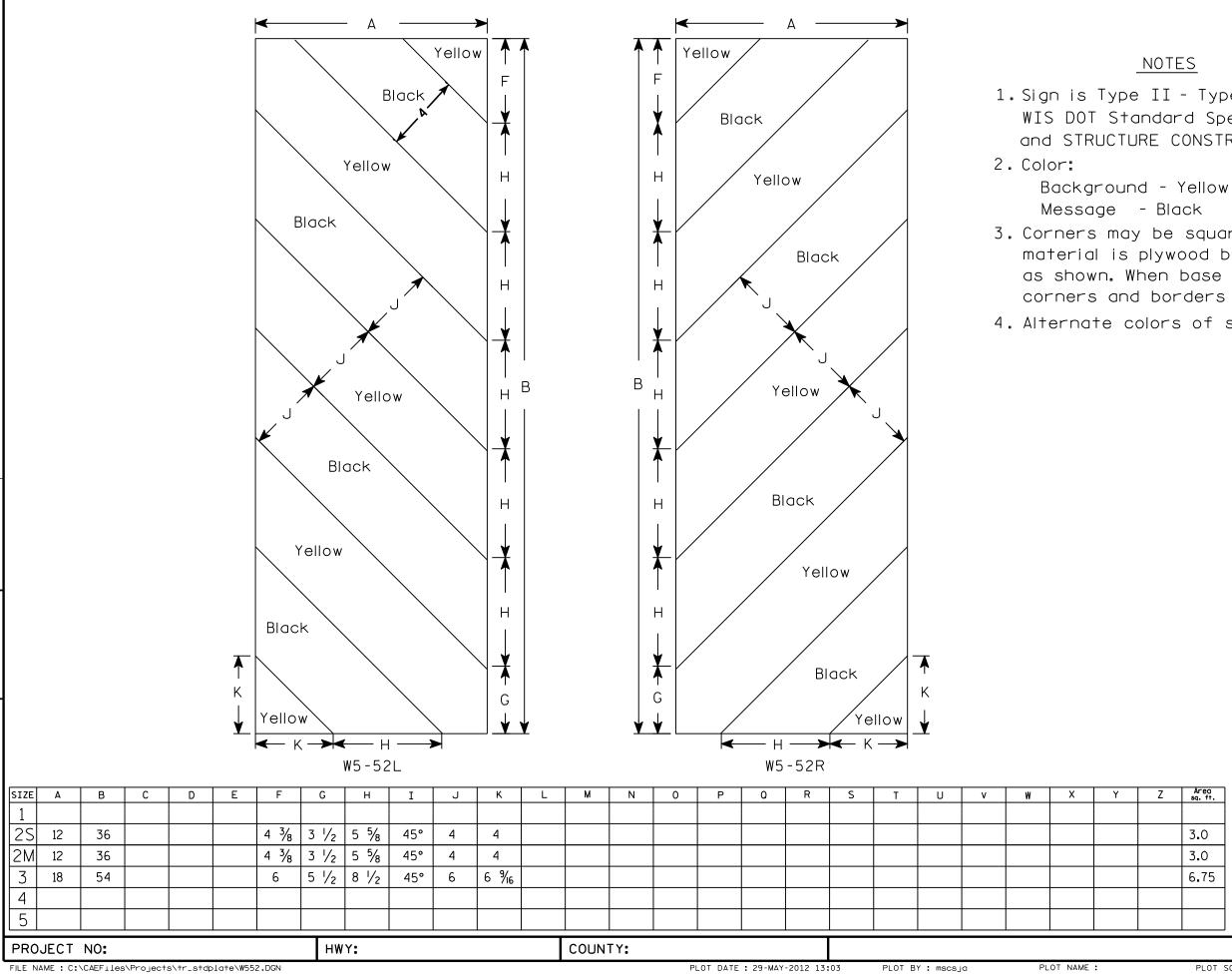


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GENERAL NOTES

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	Х	6	WOO	DF	POST		
	MODIFICATIONS							
	WISCONSIN DEPT OF TRANSPORTATION							
	APPROVED J Spane							
			tor	State Tr	affic E	ngineer		
	DATE 3	/27/9	<u>17</u>	PLA	TE N	D. <u>44-11</u>	2	
				SHEET	N0:		E	
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FILE NAME : C:\CAEFiles\Projects\tr_stdplate\W552.DGN

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PLOT DATE : 29-MAY-2012 13:03

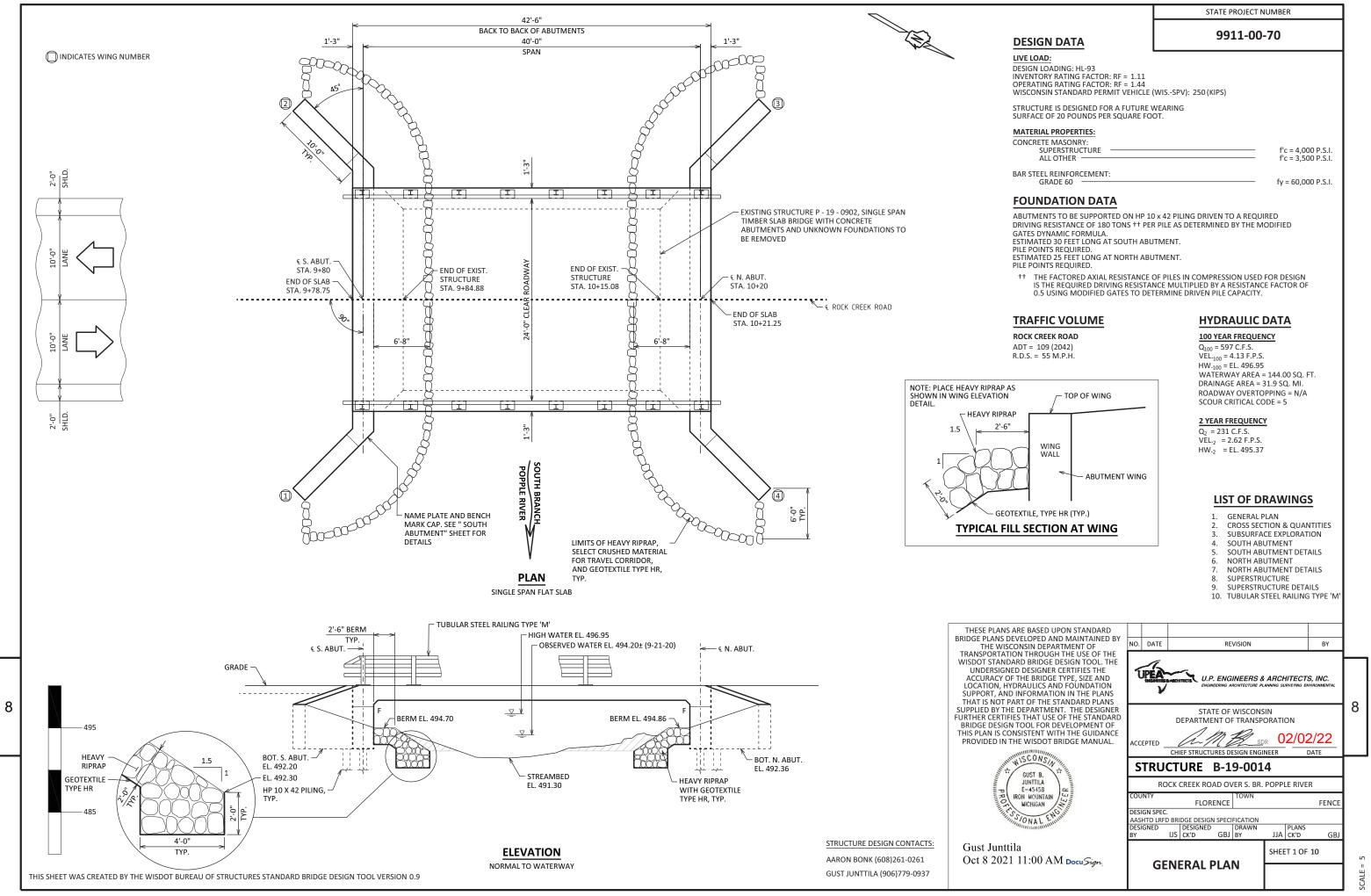
PLOT NAME :

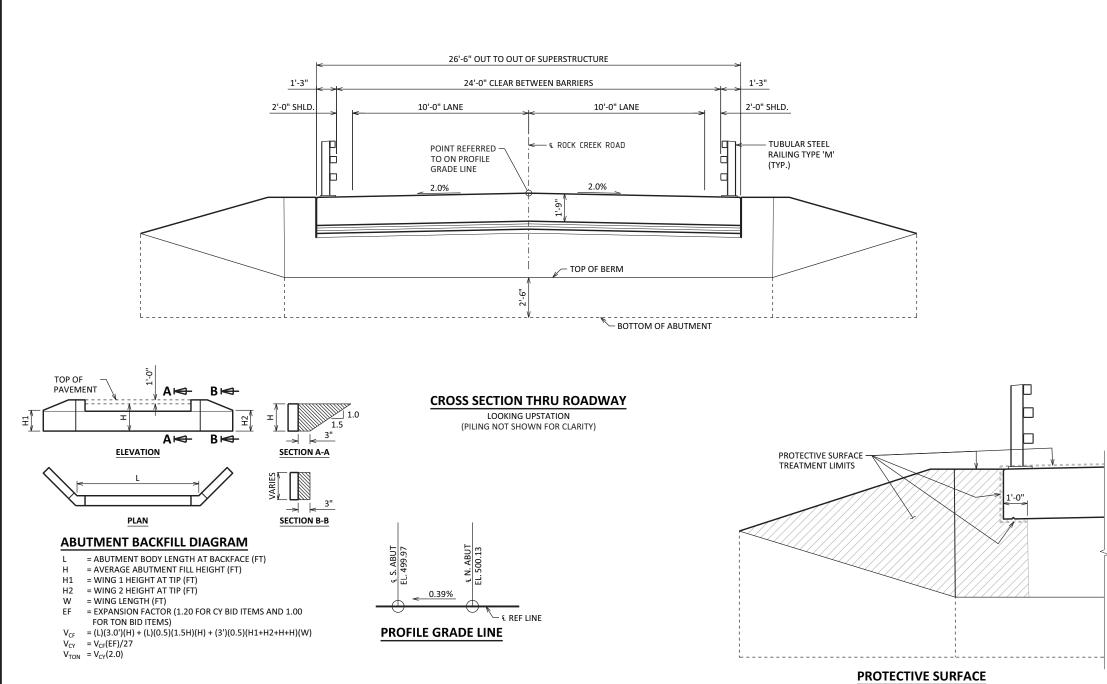
NOTES

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

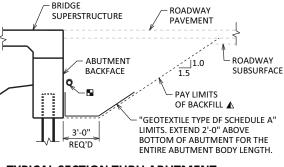
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded. 4. Alternate colors of stripes as shown.

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								





TREATMENT DETAILS



TYPICAL SECTION THRU ABUTMENT

▲ BACKFILL PAY LIMITS. BACKFILL BEYOND 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 PIPE UNDERDRAIN.

TOTAL ESTIMATED QUANTITIES

		BID ITEM NUMBER	BID ITEM DESCRITION	UNIT	SUPER	NORTH ABUT.	SOUTH ABUT.	TOTALS
8		203.0260	REMOVING STRUCTURE OVER WATERWAY MINIMAL DEBRIS P-19-0902	EACH				1
		206.1000	EXCAVATION FOR STRUCTURES BRIDGES B-19-0014	LS				1
		210.1500	BACKFILL STRUCTURE TYPE A	TON		146	146	292
		502.0100	CONCRETE MASONRY BRIDGES	CY	77	27	27	131
		502.3200	PROTECTIVE SURFACE TREATMENT	SY	148	16	16	180
		505.0400	BAR STEEL REINFORCEMENT HS STRUCTURES	LB		1,970	1,970	3,940
		505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	LB	15,510	1,600	1,600	18,710
		513.4061	RAILING TUBULAR TYPE M	LF	90			90
		516.0500	RUBBERIZED MEMBRANE WATERPROOFING	SY		5	5	10
		550.0500	PILE POINTS	EACH		6	6	12
		550.1100	PILING STEEL HP 10-INCH X 42 LB	LF		150	180	330
		606.0300	RIPRAP HEAVY	CY		47	47	94
		612.0406	PIPE UNDERDRAIN WRAPPED 6-INCH	LF		71	71	142
		645.0111	GEOTEXTILE TYPE DF SCHEDULE A	SY		29	29	58
		645.0120	GEOTEXTILE TYPE HR	SY		95	95	190
		SPV.0195.01	SELECT CRUSHED MATERIAL FOR TRAVEL CORRIDOR	TON		20	20	40
	[NON-BID ITEMS					
	[FILLER	SIZE				¹ ⁄ ₂ ", ³ ⁄ ₄ "

THIS SHEET WAS CREATED BY THE WISDOT BUREAU OF STRUCTURES STANDARD BRIDGE DESIGN TOOL VERSION 0.9

GENERAL NOTES

STATE PROJECT NUMBER

9911-00-70

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 THE BAR MARK SIGNIFIES THE BAR SIZE.

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

THE UPPER LIMITS OF "EXCAVATION FOR STRUCTURES B-19-0014" SHALL BE THE EXISTING GROUNDLINE.

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

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.

THE QUANTITY FOR BACKFILL STRUCTURE IS CALCULATED BASED ON THE DETAIL SHOWN IN THE PLANS.

THE SLOPE OF THE FILL IN FRONT OF THE ABUTMENTS SHALL BE COVERED WITH HEAVY RIPRAP AND GEOTEXTILE TYPE HR TO THE EXTENT SHOWN ON SHEET 1 AND THE ABUTMENT DETAILS.

THE RIPRAP VOIDS SHALL BE FILLED WITH SELECT CRUSHED MATERIAL FOR TRAVEL CORRIDOR.

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

PROTECTIVE SURFACE TREATMENT TO BE APPLIED TO ENTIRE EXPOSED TOP OF SLAB, INCLUDING THE SLAB EDGE AND 1'-0" UNDER THE SLAB, THE TOP AND EXTERIOR EXPOSED FACE OF WINGS AND FRONT FACE OF ABUTMENT TO 1'-0" PAST THE EDGE OF SLAB.

6"	
NOMINAL	
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<i>V</i> /11111111111N	ועסססססטו <u>*</u>
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11/8"	SECTION
MAX.	
PLAN	

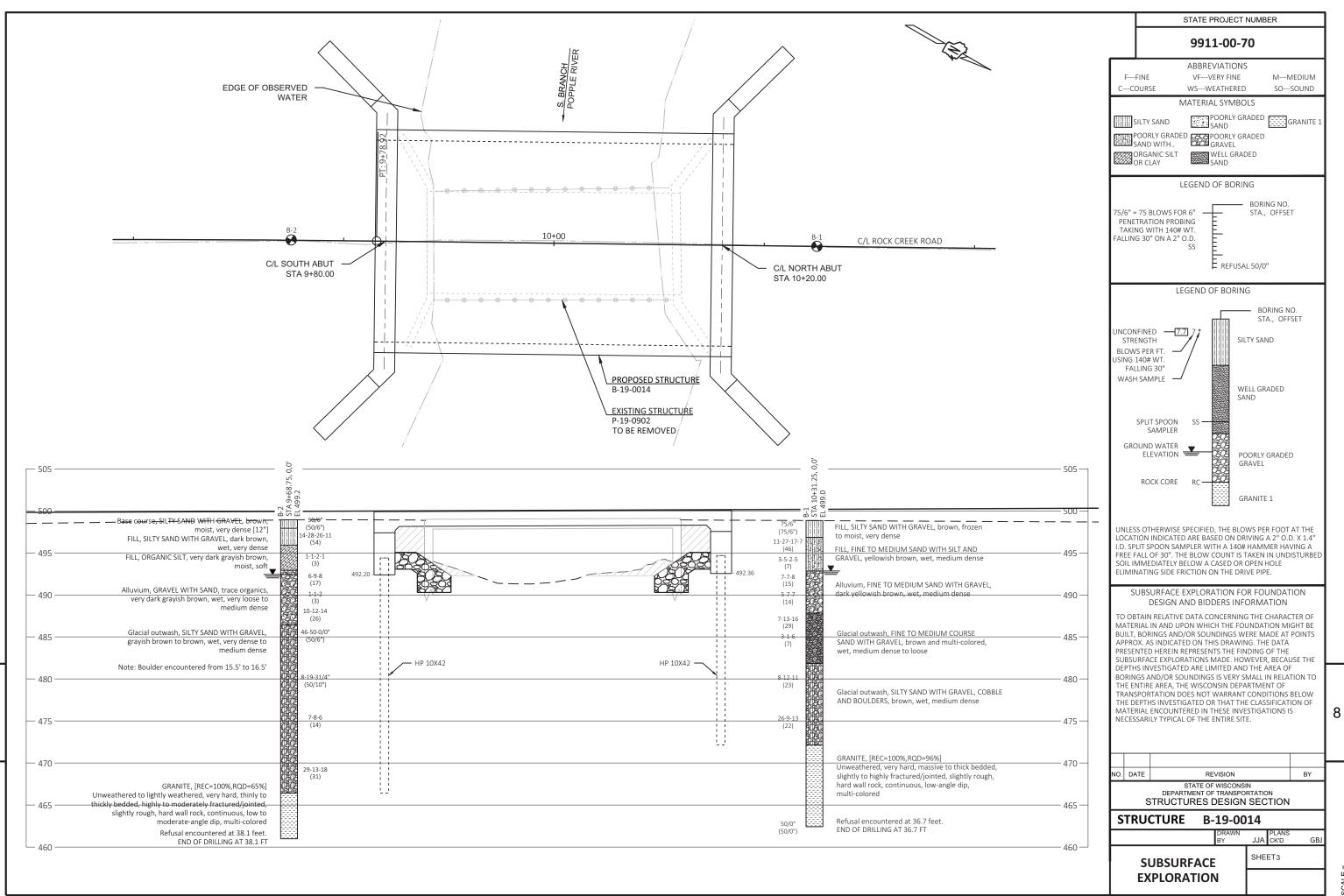
RODENT SHIELD DETAIL

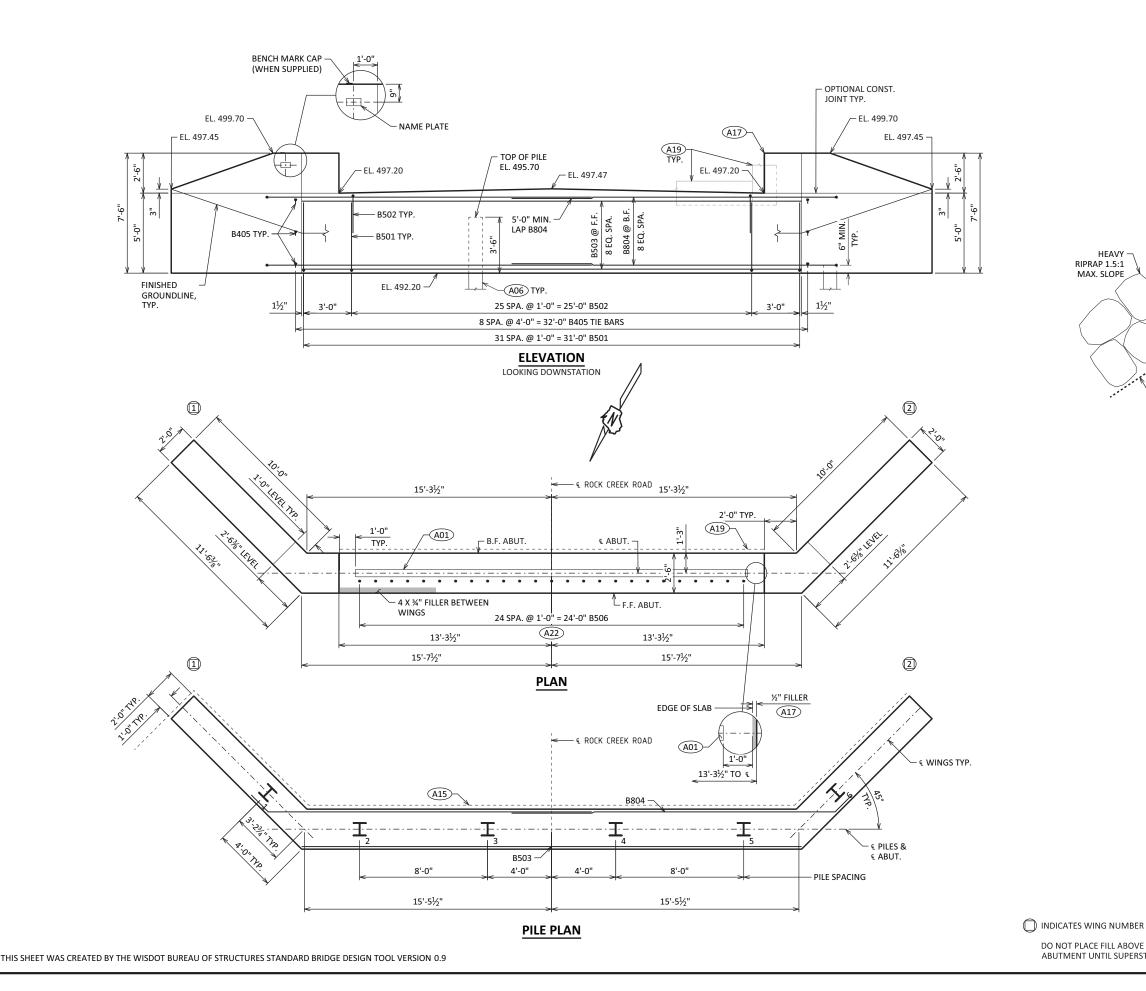
* DIMENSIONS ARE APPROXIMATE. THE GRATE IS SIZED TO FIT INTO A PIPE COUPLING. ORIENT SO SLOTS ARE VERTICAL.

THE RODENT SHIELD, PIPE COUPLING AND SCREWS SHALL BE CONSIDERED INCIDENTAL TO THE BID ITEM "PIPE UNDERDRAING WRAPPED 6-INCH".

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

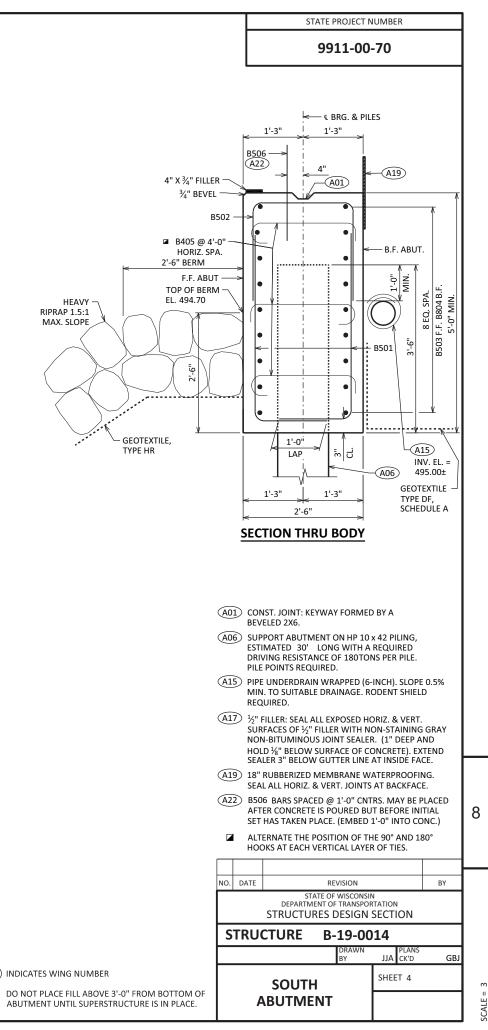
NO.	DATE		BY						
	STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION STRUCTURES DESIGN SECTION								
STRUCTURE B-19-0014									
			DRAWN BY	JJA	PLANS CK'D	GBJ			
	CR	OSS SEC	SHEE						
	&	QUANTI							



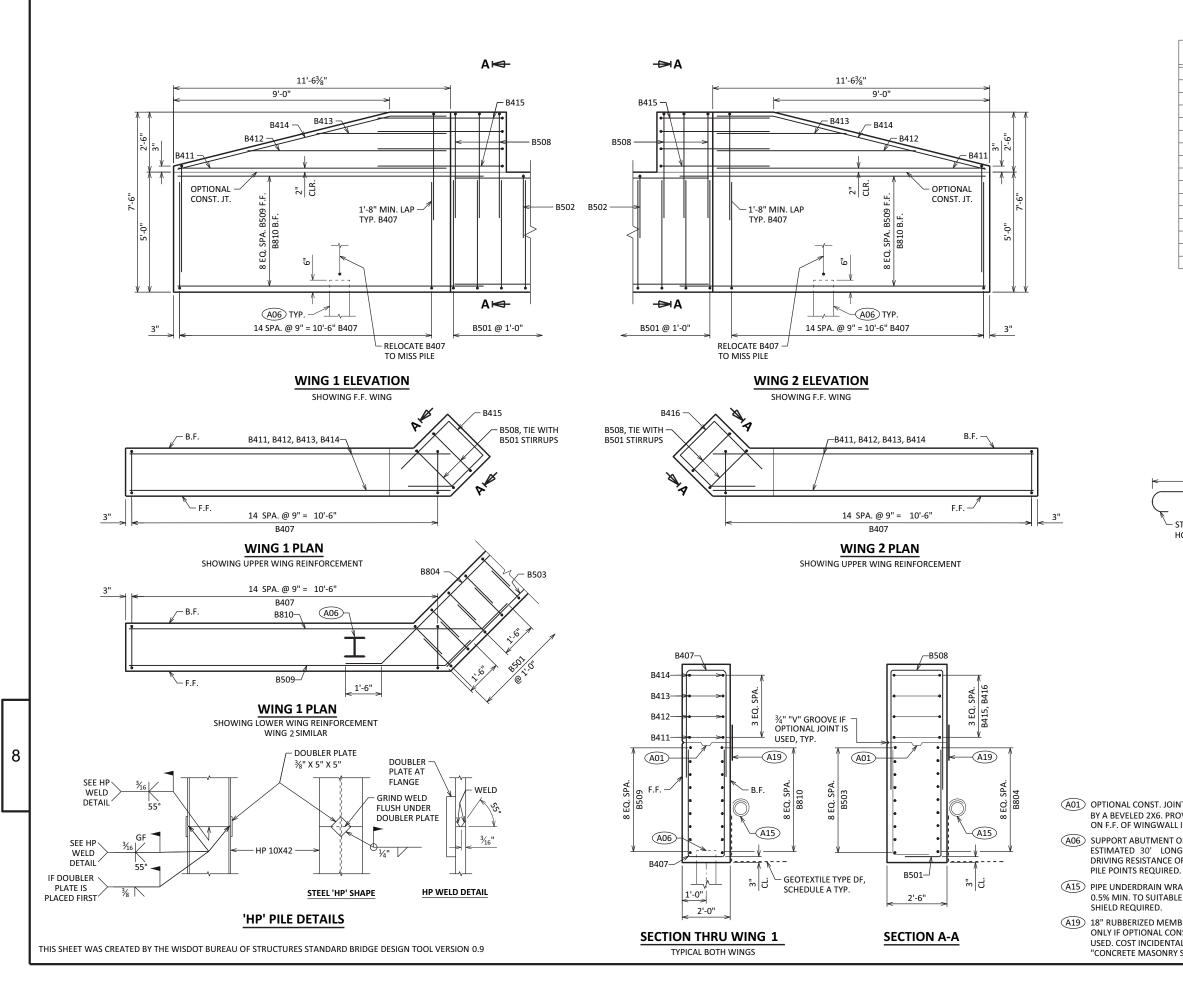


RIPRAP 1.5:1 MAX. SLOPE

8

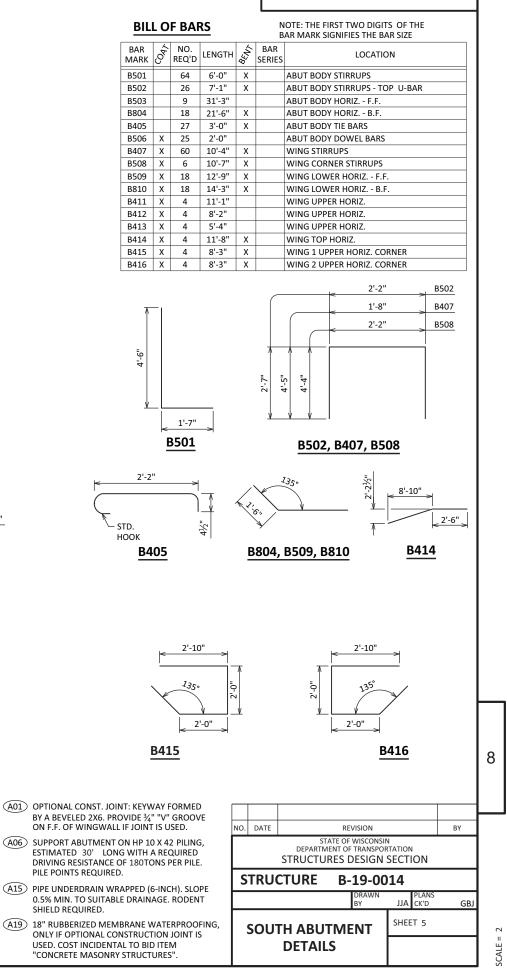


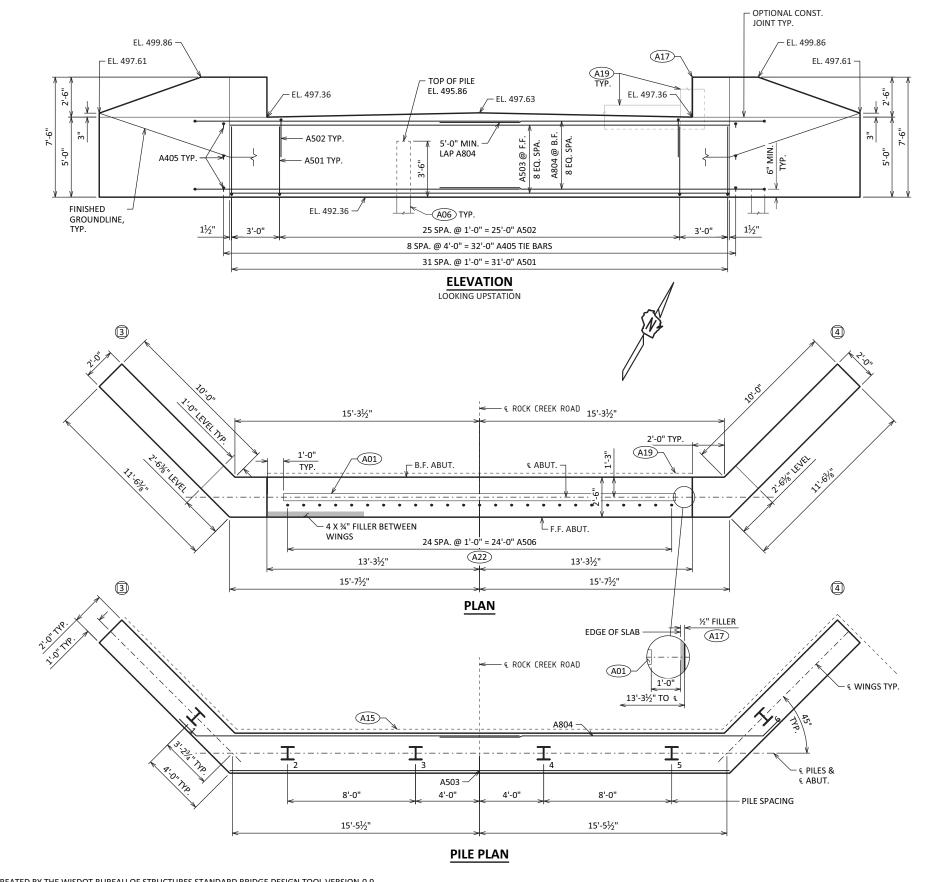
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STATE PROJECT NUMBER

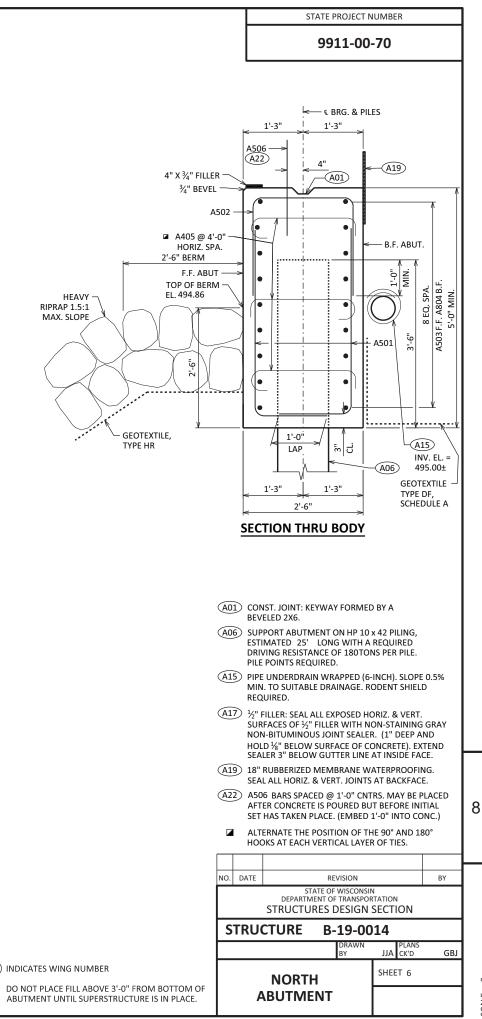
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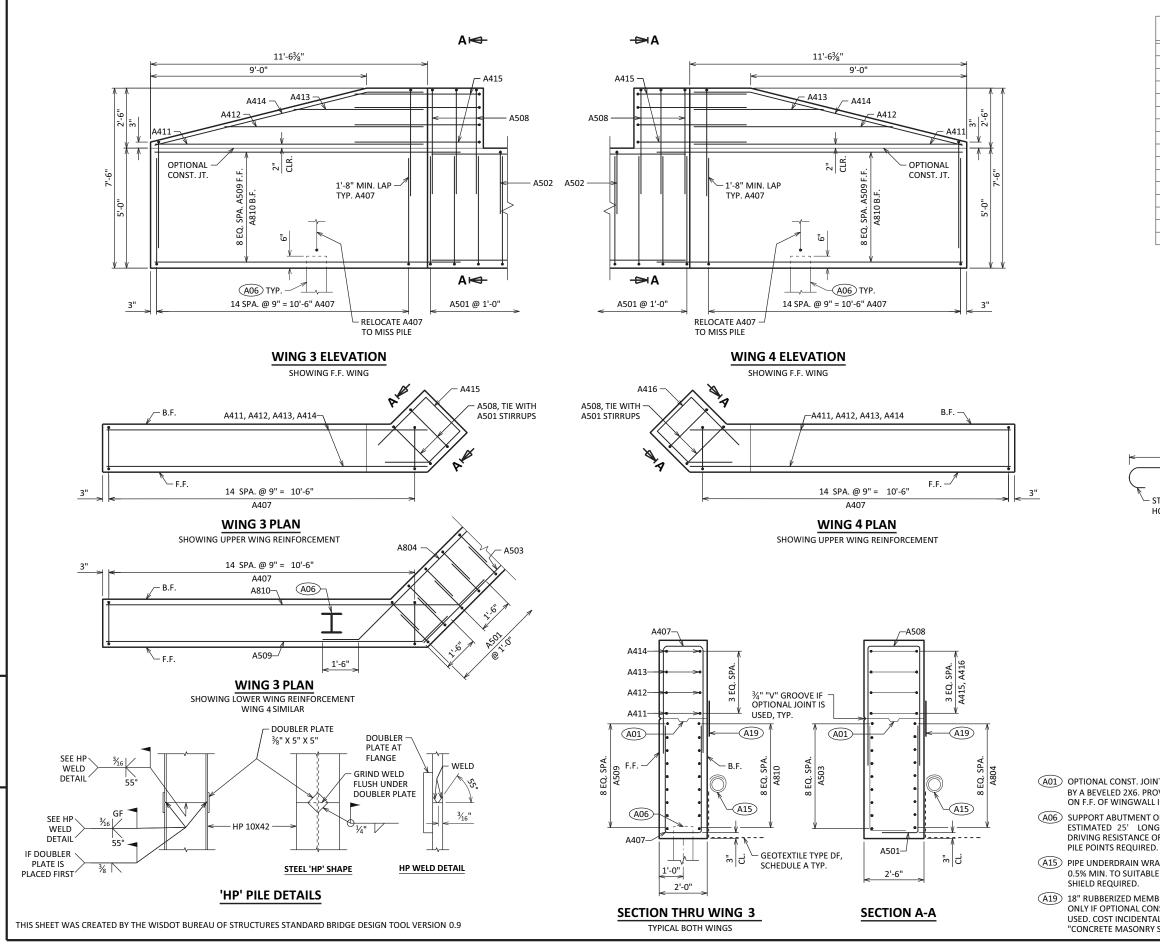


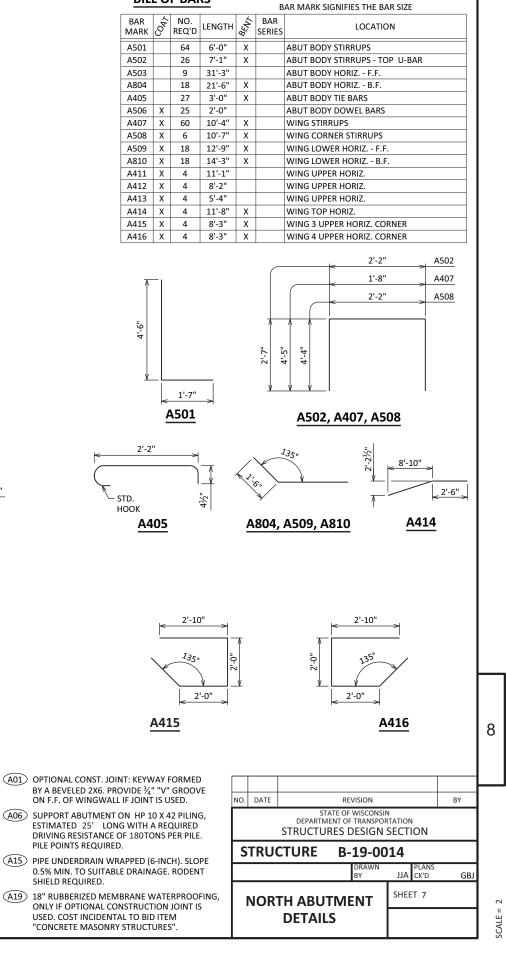
THIS SHEET WAS CREATED BY THE WISDOT BUREAU OF STRUCTURES STANDARD BRIDGE DESIGN TOOL VERSION 0.9

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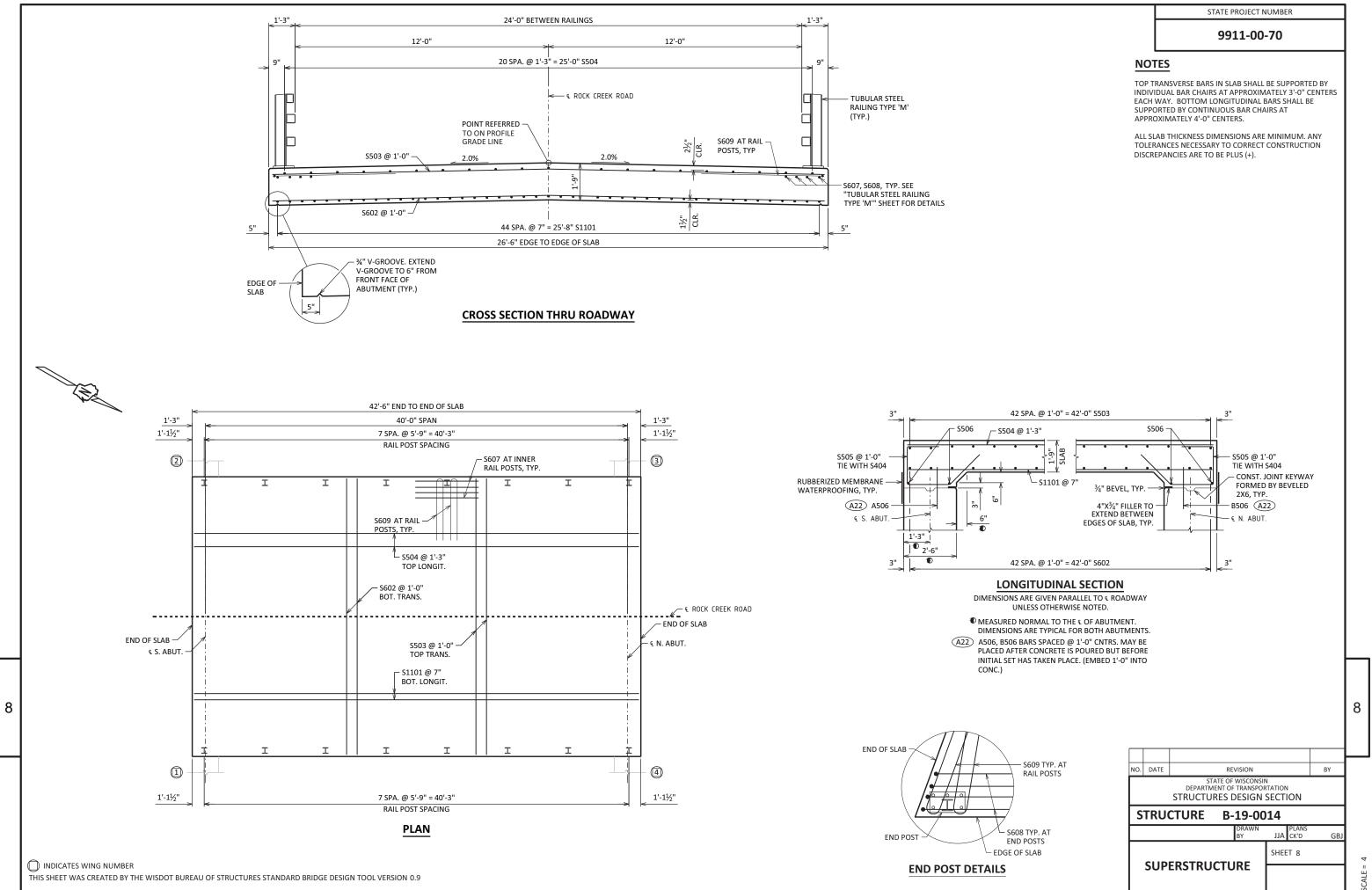


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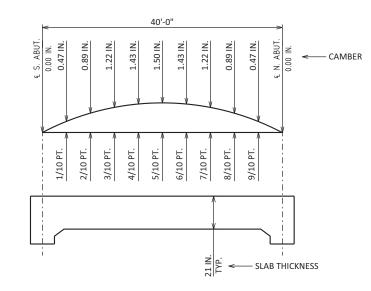
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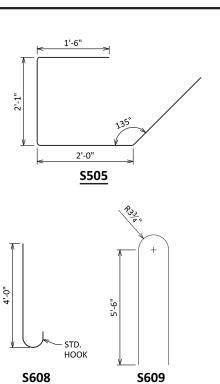
NOTE: THE FIRST TWO DIGITS OF THE

BILL OF BARS









CAMBER AND SLAB THICKNESS DIAGRAM

CAMBER SHOWN IS BASED ON 3 TIMES DEAD LOAD DEFLECTIONS. CAMBER SPANS AS SHOWN TO PROVIDE FOR DEAD LOAD DEFLECTION AND FUTURE CREEP. CAMBER DOES NOT INCLUDE ALLOWANCE FOR FORM SETTLEMENT. PARAPETS, SIDEWALKS AND MEDIANS PLACED ON TOP OF THE SLAB SHALL BE POURED AFTER FALSEWORK HAS BEEN RELEASED, EXCEPT FOR STAGED CONSTRUCTION.

TO DETERMINE FALSEWORK ELEVATION AT EDGE OF SLAB, CROWN OR REFERENCE LINE FOLLOW THIS PROCEDURE:

- TOP OF SLAB ELEVATION AT FINAL GRADE SLAB THICKNESS
- LESS
- PLUS
 CAMBER

 PLUS
 FORM SETTLEMENT/DEFLECTION DUE TO PLACEMENT OF SLAB CONCRETE (TO BE COMPUTED BY THE CONTRACTOR)

 EQUALS
 TOP OF SLAB FALSEWORK ELEVATION

TOP OF SLAB ELEVATIONS

	€ BRG. S. ABUT.	1/10	2/10	3/10	4/10	5/10	6/10	7/10	8/10	9/10	€ BRG. N. ABUT.
W EDGE OF DECK	499.70	499.72	499.73	499.75	499.76	499.78	499.79	499.81	499.82	499.84	499.86
CROWN OR 🗉	499.97	499.99	500.00	500.02	500.03	500.05	500.06	500.08	500.09	500.11	500.13
E EDGE OF DECK	499.70	499.72	499.73	499.75	499.76	499.78	499.79	499.81	499.82	499.84	499.86

STATE PROJECT NUMBER

9911-00-70

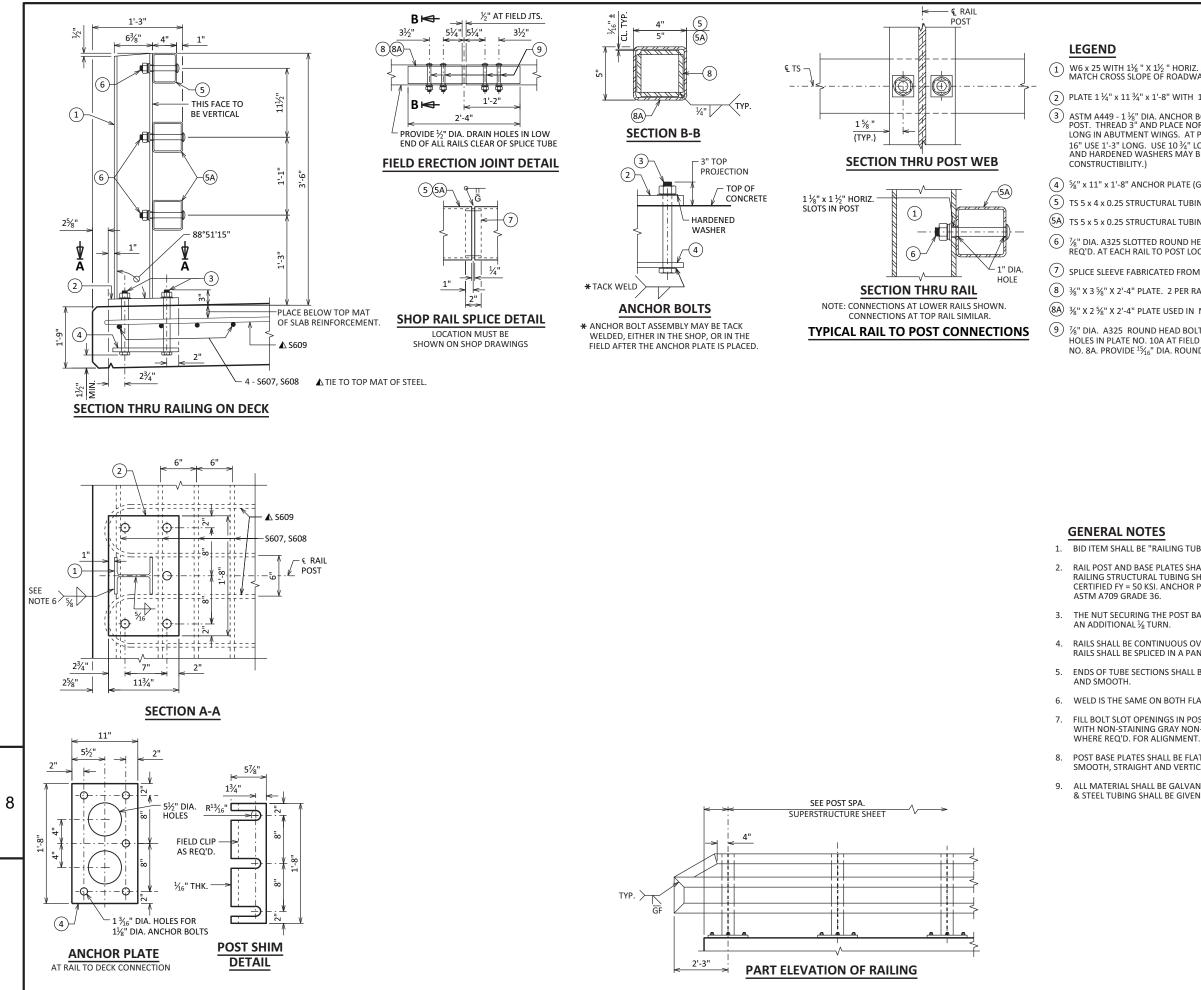
BILL OF BARS

NOTE: THE FIRST TWO DIGITS OF THE BAR MARK SIGNIFIES THE BAR SIZE

					D	
bar Mark	COAN	NO. REQ'D	LENGTH	BENT	BAR SERIES	LOCATION
S1101	Х	45	42'-2"			SLAB BOTTOM LONGITUDINAL
S602	Х	43	26'-2"			SLAB BOTTOM TRANSVERSE
S503	Х	43	26'-2"			SLAB TOP TRANSVERSE
S504	Х	21	42'-2"			SLAB TOP LONGITUDINAL
S505	Х	54	7'-4"	Х		ABUTMENT DIAPHRAGM STIRRUPS
S506	Х	4	26'-2"			ABUTMENT DIAPHRAGM LONGITUDINAL
S607	Х	48	6'-0"			SLAB TOP LONGIT. UNDER RAIL POSTS
S608	Х	16	4'-8"	Х		SLAB TOP LONGIT. UNDER RAIL END POSTS
S609	Х	32	12'-0"	Х		SLAB TOP HOOKS UNDER RAIL POSTS

SURVEY TOP OF SLAB ELEVATIONS

	ABUT	MENT	5,	/10 PT.		<u>I</u>	
W GUTTER							
CROWN OR €							
E GUTTER							
THE € OF ABUT	MENTS, € ONG GUT	OF PIER: TER LINE	S AND AT 5/ S AND CRO	10 PTS. TO VE WN OR €. REC	K ELEVATIONS A RIFY CAMBER. CORD ELEVATIO	TAKE	8
							\square
	NO.	DATE		REVISION		BY	1
			DEPART	TATE OF WISCOM MENT OF TRANSI JRES DESIG	PORTATION		
	S	TRUC	CTURE	B-19-0	0014		
				DRAWI BY	N PLANS JJA CK'D	GBJ]
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THIS SHEET WAS CREATED BY THE WISDOT BUREAU OF STRUCTURES STANDARD BRIDGE DESIGN TOOL VERSION 0.9

9911-00-70

1 W6 x 25 WITH 1½ " X 1½ " HORIZ. SLOTS ON EACH SIDE OF POST FOR BOLT NO. 6. CUT BOTTOM OF POST TO MATCH CROSS SLOPE OF ROADWAY. PLACE POST VERTICAL. PLACE POSTS NORMAL TO GRADE LINE.

(2) PLATE $1\frac{1}{4}$ " x $11\frac{3}{4}$ " x 11-8" WITH $1\frac{1}{16}$ " OVERSIZED HOLES FOR ANCHOR BOLTS NO. 3. WELD TO NO. 1 AS SHOWN.

ASTM A449 - 1 ½" DIA. ANCHOR BOLTS WITH NUT AND HARDENED WASHER (ALL GALVANIZED). 5 REQ'D. PER POST. THREAD 3" AND PLACE NORMAL TO PLATE NO. 2. CHAMFER TOP OF BOLTS BEFORE THREADING. USE 1'-9" LONG IN ABUTMENT WINGS. AT POSTS ON CONCRETE SLAB SUPERSTRUCTURES WHERE THE SLAB THICKNESS IS > 16" USE 1'-3" LONG. USE 10 ³/₄" LONG AT ALL OTHER LOCATIONS. (AN EQUIVALENT THREADED ROD WITH NUTS AND HARDENED WASHERS MAY BE SUBSTITUTED FOR ANCHOR BOLTS IN WINGS IF REQ'D. FOR

(4) $\frac{5}{8}$ " x 11" x 1'-8" ANCHOR PLATE (GALVANIZED) WITH $1\frac{3}{16}$ " DIA. HOLES FOR ANCHOR BOLTS NO. 3

(5) TS 5 x 4 x 0.25 STRUCTURAL TUBING. ATTACH TO NO. 1 WITH NO. 6.

(5A) TS 5 x 5 x 0.25 STRUCTURAL TUBING. ATTACH TO NO. 1 WITH NO. 6

(6) $\frac{7}{8}$ " DIA. A325 SLOTTED ROUND HEAD BOLT WITH NUT, $\frac{3}{16}$ " X 1 $\frac{5}{8}$ " X 1 $\frac{5}{8}$ " MIN. WASHER, AND LOCK WASHER (2 REQ'D. AT EACH RAIL TO POST LOCATION.)

(7) SPLICE SLEEVE FABRICATED FROM ¹/₄" PLATE. PROVIDE "SLIDING FIT".

(8) ⅔" X 3 ⅔" X 2'-4" PLATE. 2 PER RAIL. USED IN NO. 5 & 5A.

(8A) ¾" X 2 ½" X 2'-4" PLATE USED IN NO. 5, ¾" X 3 ½" X 2'-4" PLATE USED IN NO. 5A. 2 PER RAIL.

(9) %" DIA. A325 ROUND HEAD BOLT WITH NUT, WASHER, AND LOCK WASHER. USE ¹%6" x 1 %" LONGIT. SLOTTED HOLES IN PLATE NO. 10A AT FIELD JOINTS AND ¹⁵%6" X 2 %" MIN. LONGIT. SLOTTED HOLES AT EXP. JOINTS IN PLATE

1. BID ITEM SHALL BE "RAILING TUBULAR TYPE M" WHICH INCLUDES ALL ITEMS SHOWN.

2. RAIL POST AND BASE PLATES SHALL CONFORM TO THE REQUIREMENTS OF ASTM A709 GRADE 50. HOLLOW RAILING STRUCTURAL TUBING SHALL CONFORM TO THE REQUIREMENTS OF ASTM A500 GRADE B OR C WITH A CERTIFIED FY = 50 KSI. ANCHOR PLATES, AND SPLICE TUBE PLATES SHALL CONFORM TO THE REQUIREMENTS OF

3. THE NUT SECURING THE POST BASE PLATE TO THE CONCRETE SHALL BE TIGHTENED TO A SNUG FIT AND GIVEN

4. RAILS SHALL BE CONTINUOUS OVER A MINIMUM OF THREE (3) POSTS WITHOUT SPLICES WHERE POSSIBLE. RAILS SHALL BE SPLICED IN A PANEL OVER EXPANSION JOINTS.

5. ENDS OF TUBE SECTIONS SHALL BE SAWED. GRIND SMOOTH EXPOSED EDGES. ALL CUT ENDS SHALL BE TRUE

6. WELD IS THE SAME ON BOTH FLANGES. FLANGE WELD DOES NOT REQUIRE MAGNETIC PARTICLE TESTING.

7. FILL BOLT SLOT OPENINGS IN POST SHIMS AND PLATE NO. 2 AND CAULK AROUND PERIMETER OF PLATE NO. 2 WITH NON-STAINING GRAY NON-BITUMINOUS JOINT SEALER. STEEL POST SHIMS MAY BE USED UNDER POSTS

8. POST BASE PLATES SHALL BE FLAT WITH ALL SURFACES SMOOTH AND FREE FROM WARP AND ALL EDGES SMOOTH, STRAIGHT AND VERTICAL. ALL PLATE CUTS SHALL BE MACHINE OR MACHINE FLAME CUT.

9. ALL MATERIAL SHALL BE GALVANIZED AFTER FABRICATION. PRIOR TO GALVANIZING, ALL STEEL RAILING POSTS & STEEL TUBING SHALL BE GIVEN A NO. 6 BLAST CLEANING BY SSPC SPECIFICATIONS.

NO.	DATE	RE	VISION		BY	
		STATE OF DEPARTMENT OF STRUCTURES		RTATION		
S	TRU	CTURE B-	19-00	14		
			DRAWN BY	PLANS JJA CK'D	GBJ	
	τu	BULAR STE	EL	SHEET 10		
	RAII	LING TYPE '	M'			

			Area (SFT)		١	olume Unadjusted (CYD))	Volur	ne Adjusted (CYD)	
Station	Distance (1)	Cut	Salvaged/Unusable Pavement Material	Fill	Cut	Salvaged/Unusable Pavement Material	Fill	Cut	Expanded Fill (Factor 1.25)	Mass Ordinate (2)
8+00	0	114	0	0	0	0	0	0	0	0
8+25	25	109	0	0	101	0	0	101	0	101
8+50	25	82	0	0	76	0	0	76	0	177
8+75	25	42	0	3	39	0	3	39	3	212
9+00	25	14	0	14	13	0	13	13	16	209
9+25	25	8	0	41	7	0	38	7	47	169
9+50	25	28	0	53	26	0	49	26	61	134
9+75	25	17	0	50	16	0	46	16	58	91
9+79	4	18	0	53	3	0	8	3	10	84

			Area (SFT)		١	olume Unadjusted (CYD/))	Volur	ne Adjusted (CYD)	
Station	Distance (1)	Cut	Salvaged/Unusable Pavement Material	Fill	Cut	Salvaged/Unusable Pavement Material	Fill	Cut	Expanded Fill (Factor 1.25)	Mass Ordinate (2)
10+22	0	14	0	70	0	0	0	0	0	0
10+50	28	6	0	47	6	0	49	6	61	-55
10+75	25	6	0	28	6	0	26	6	32	-82
11+00	25	18	0	6	17	0	6	17	7	-72
11+25	25	37	0	0	34	0	0	34	0	-38
11+50	25	65	0	0	60	0	0	60	0	23
11+75	25	75	0	0	69	0	0	69	0	92
12+00	25	64	0	0	59	0	0	59	0	151

1. Distance is measured between sequential stations. If the value is zero, it represents the starting point.

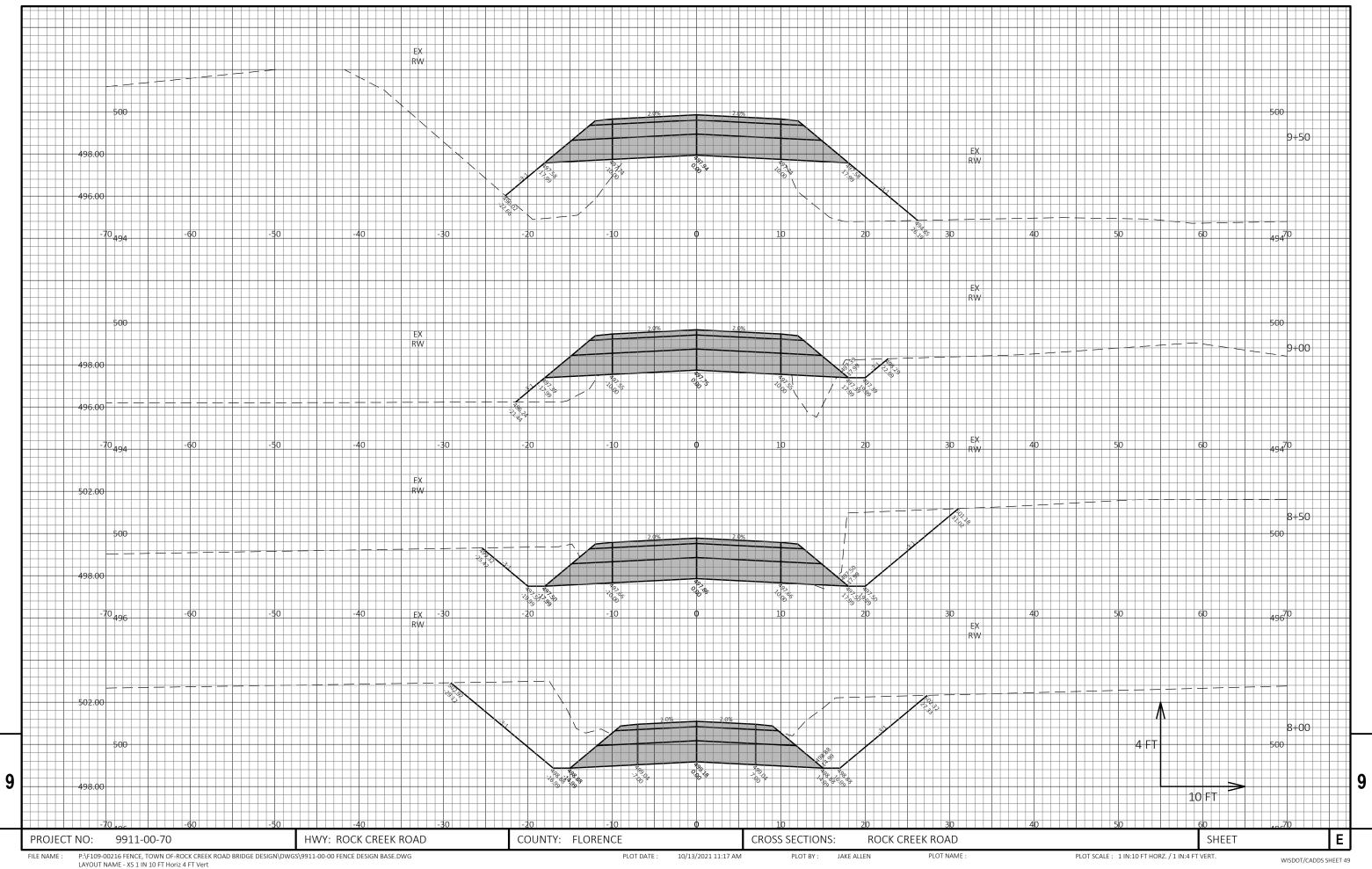
9

2. Mass Ordinate can be a positive or negative value. Positive indicates excess material in that section of roadway, negative indicates a shortage of material for the section.

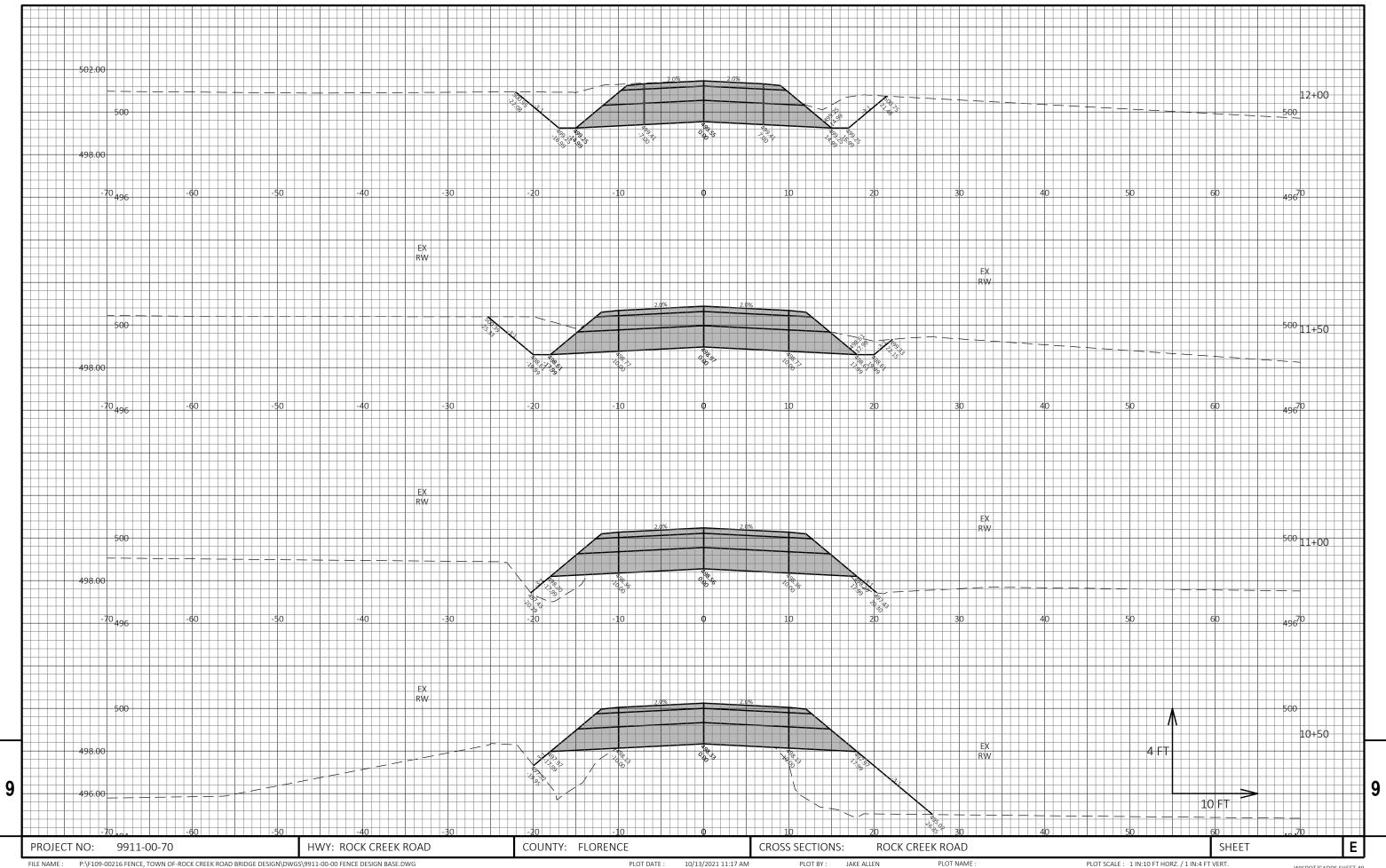
Mass ordinate is cumulative from station to station and separated on each side of the bridge. Totals shown above.

PROJECT NO: 9911-00-70	HWY: ROCK CREEK ROAD	COUNTY: FLORENCE	EARTHWORK - MAINLINE
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9		
d		



WISDOT/CADDS SHEET 49

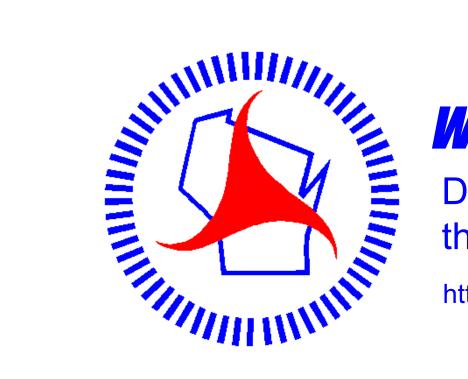


P:\F109-00216 FENCE, TOWN OF-ROCK CREEK ROAD BRIDGE DESIGN\DWGS\9911-00-00 FENCE DESIGN BASE.DWG LAYOUT NAME - XS 1 IN 10 FT Horiz 4 FT Vert (2)

PLOT DATE : 10/13/2021 11:17 AM

PLOT SCALE: 1 IN:10 FT HORZ. / 1 IN:4 FT VERT.

WISDOT/CADDS SHEET 49



Wisconsin Department of Transportation

Dedicated people creating transportation solutions through innovation and exceptional service.

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