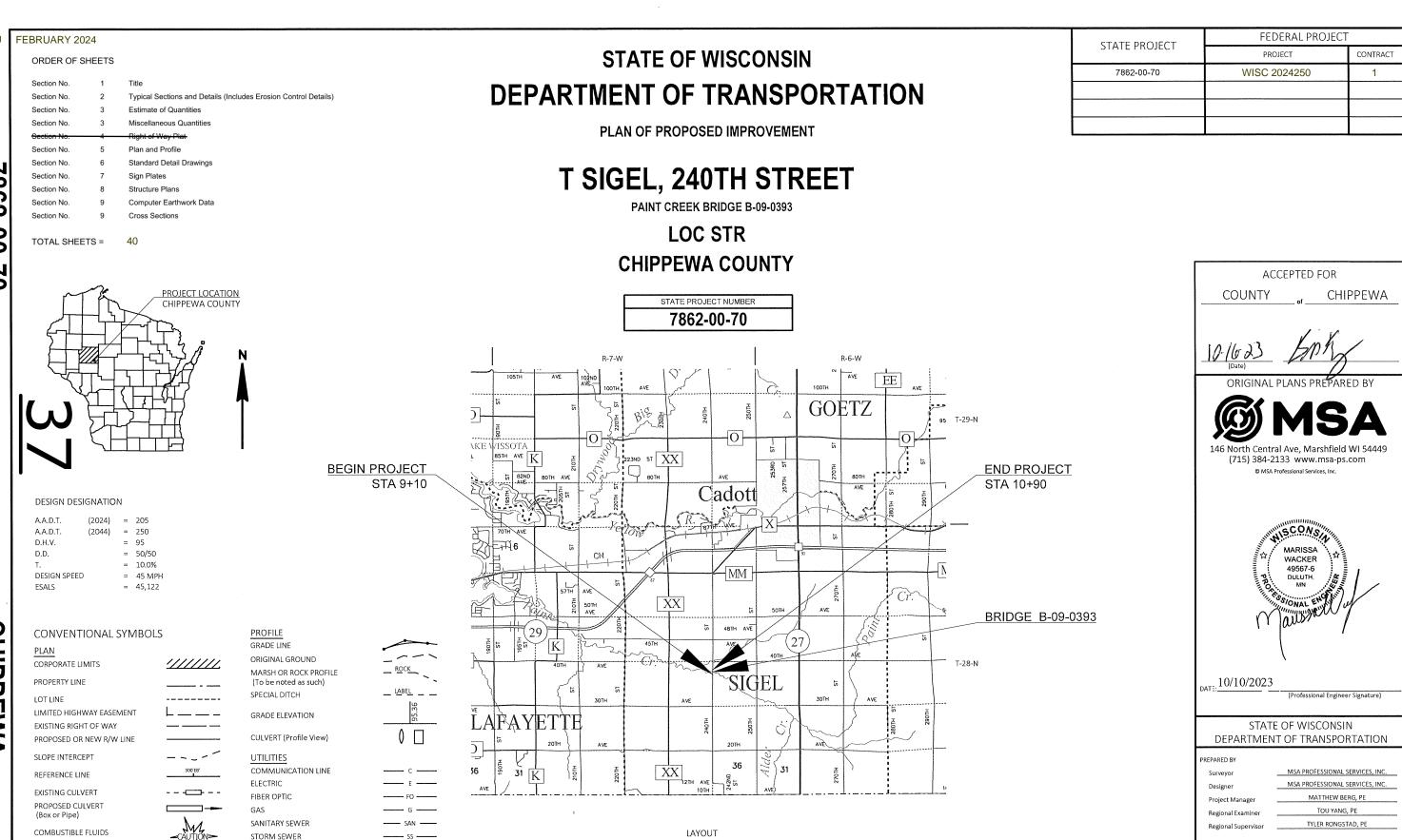
ဓ

MARSH AREA

WOODED OR SHRUB AREA



TELEPHONE

UTILITY PEDESTAL

TELEPHONE POLE

POWER POLE

0.034 MI

TOTAL NET LENGTH OF CENTERLINE =

SCALE

COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES

ARE THE SAME AS GROUND DISTANCES. ELEVATIONS ARE REFERENCED

TO NAVD 88 (2012), GPS DERIVED ELEVATIONS ARE BASED ON GEOID 12A

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN

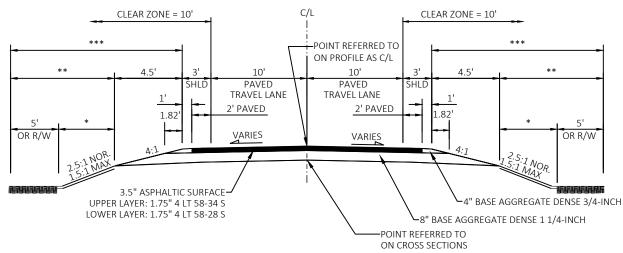
COORDINATE REFERENCE SYSTEM (WISCRS), CHIPPEWA COUNTY

NAD83 (2011), IN U.S. SURVEY FEET, POSITIONS SHOWN ARE GRID

APPROVED FOR THE DEPARTMENT

DATE: 10/25/2023

EXISTING TYPICAL SECTION STA 9+10 - STA 10+90



- * LIMITS OF TOPSOIL
- ** LIMITS OF EROSION MAT URBAN CLASS I TYPE B *** LIMITS OF SEEDING MIXTURE NO. 20. SEEDING TEMPORARY & FERTILIZER TYPE B

FINISHED TYPICAL SECTION

STA 9+10 - STA 10+90

RUNOFF COEFFICIENT TABLE

		HYDROLOGIC SOIL GROUP											
		A	4	В			С			D			
	SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			
LAND USE:	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER		2-6	6 & OVER	0-2	2-6	6 & OVER	
MEDIAN STRIP TURF	0.19	0.20	0.24	0.19	0.22	0.26	0.20	0.23	0.30	0.20	0.25 0.32	0.30 0.40	
SIDE SLOPE TURF			0.25			0.27			0.28			0.30 0.38	
PAVEMENT:					•	0.40 - 0.60				l .			
ASPHALT:						0.70 - 0.95							
CONCRETE:						0.80 - 0.95							
BRICK:						0.70 - 0.80							
DRIVES, WALKS:	ES, WALKS: 0.75												
ROOFS:	5: 0.75 - 0.95												
GRAVEL ROADS, SH	HOULDER	S	-			0.40 - 0.60			-				

TOTAL PROJECT AREA = 0.27 ACRES

LAYOUT NAME - 020101-gn

TOTAL AREA EXPECTED TO BE DISTURBED BY CONSTRUCTION ACTIVITIES = 0.16 ACRES

EROSION CONTROL NOTES

RUNOFF COEFFICIENTS FOR THIS PROJECT: EXISTING SIDE SLOPES 0.30, PROPOSED SIDE SLOPES 0.30, EXISTING PAVEMENT 0.95, PROPOSED PAVEMENT 0.95.

PROJECT NO: 7862-00-70 HWY: 240TH STREET **UTILITY CONTACTS**

MSA DESIGN CONTACT

MSA PROFESSIONAL SERVICES, INC. MARISSA WACKER 332 W SUPERIOR ST, SUITE 600 DULUTH, MN 55812 218-499-3185 MWACKER@MSA-PS.COM

DNR LIAISON

WISCONSIN DEPARTMENT OF NATURAL RESOURCES LEAH NICOL DNR WEST CENTRAL REGION HEADQUARTERS 1300 WEST CLAIREMONT AVENUE EAU CLAIRE. WI 54701 715-934-9014 LEAH.NICOL@WISCONSIN.GOV

COUNTY CONTACT

CHIPPEWA COUNTY HIGHWAY DEPARTMENT FRED ANDERSON 801 EAST GRAND AVENUE CHIPPEWA FALLS, WI 54729 715-738-2610 FANDERSON@CO.CHIPPEWA.WI.US

WISDOT CONTACT

WISDOT LOCAL PROGRAM NW REGION MATTHEW BERG 718 W. CLAIREMONT AVE. EAU CLAIRE, WI 54701 920-492-4147 MATTHEW.BERG@DOT.WI.GOV

ELECTRIC

EAU CLAIRE ENERGY COOPERATIVE ARIK ARNEVIK P.O. BOX 368 FALL CREEK, WI 54742 715-836-6485 AARNEVIK@ECEC.COM

COMMUNICATIONS

BRIGHTSPEED **BRIAN HUHN** P.O. BOX 78 HAWKINS, WI 54530 608-615-7347 BRIAN.HUHN@BRIGHTSPEED.COM



GENERAL NOTES

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

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

RIGHT OF WAY LOCATIONS ARE BASED ON AVAILABLE ASBUILTS AND GIS.

COUNTY: CHIPPEWA **GENERAL NOTES & TYPICAL SECTIONS** SHEET G:\05\05653\05653026\CADD\SHEETSPLAN\020101-GN.DWG PLOT BY: MARISSA WACKER 1/2/2024 3:33 PM PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 42

7862-00-70			
	7060	Δ	70

					7862-00-70	
Line	Item	Item Description	Unit	Total	Qty	
0002	203.0260	Removing Structure Over Waterway Minimal Debris (structure) 01. P-09-176	EACH	1.000	1.000	
0004	205.0100	Excavation Common	CY	84.000	84.000	
0006	206.1001	Excavation for Structures Bridges (structure) 01. B-09-393	EACH	1.000	1.000	
8000	206.5001	Cofferdams (structure) 01. B-09-393	EACH	1.000	1.000	
0010	208.0100	Borrow	CY	6.000	6.000	
0012	210.1500	Backfill Structure Type A	TON	292.000	292.000	
0014	213.0100	Finishing Roadway (project) 01. 7862-00-70	EACH	1.000	1.000	
0016	305.0110	Base Aggregate Dense 3/4-Inch	TON	22.000	22.000	
0018	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	212.000	212.000	
0020	455.0605	Tack Coat	GAL	20.000	20.000	
0022	465.0105	Asphaltic Surface	TON	54.000	54.000	
0024	465.0315	Asphaltic Flumes	SY	7.000	7.000	
0026	502.0100	Concrete Masonry Bridges	CY	236.000	236.000	
0028	502.3200	Protective Surface Treatment	SY	296.000	296.000	
0030	502.9000.S	Underwater Substructure Inspection (structure) 01. B-09-393	EACH	1.000	1.000	
0032	505.0400	Bar Steel Reinforcement HS Structures	LB	5,145.000	5,145.000	
0034	505.0600	Bar Steel Reinforcement HS Coated Structures	LB	28,555.000	28,555.000	
0036	513.4061	Railing Tubular Type M	LF	206.000	206.000	
0038	516.0500	Rubberized Membrane Waterproofing	SY	18.000	18.000	
0040	550.1100	Piling Steel HP 10-Inch X 42 Lb	LF	840.000	840.000	
0042	606.0300	Riprap Heavy	CY	55.000	55.000	
0044	606.0400	Riprap Extra-Heavy	CY	260.000	260.000	
0046	612.0406	Pipe Underdrain Wrapped 6-Inch	LF	220.000	220.000	
0048	618.0100	Maintenance and Repair of Haul Roads (project) 01. 7862-00-70	EACH	1.000	1.000	
0050	619.1000	Mobilization	EACH	1.000	1.000	
0052	624.0100	Water	MGAL	6.000	6.000	
0054	625.0100	Topsoil	SY	85.000	85.000	
0056	628.1504	Silt Fence	LF	280.000	280.000	
0058	628.1520	Silt Fence Maintenance	LF	280.000	280.000	
0060	628.1905	Mobilizations Erosion Control	EACH	4.000	4.000	
0062	628.1910	Mobilizations Emergency Erosion Control	EACH	2.000	2.000	
0064	628.2008	Erosion Mat Urban Class I Type B	SY	122.000	122.000	
0066	628.6005	Turbidity Barriers	SY	200.000	200.000	
0068	629.0210	Fertilizer Type B	CWT	0.400	0.400	
0070	630.0120	Seeding Mixture No. 20	LB	10.000	10.000	
0072	630.0200	Seeding Temporary	LB	10.000	10.000	
0074	630.0500	Seed Water	MGAL	12.000	12.000	
0076	634.0612	Posts Wood 4x6-Inch X 12-FT	EACH	4.000	4.000	
0078	637.2230	Signs Type II Reflective F	SF	12.000	12.000	
0800	638.2602	Removing Signs Type II	EACH	2.000	2.000	
0082	638.3000	Removing Small Sign Supports	EACH	2.000	2.000	
0084	642.5001	Field Office Type B	EACH	1.000	1.000	
0086	643.0420	Traffic Control Barricades Type III	DAY	810.000	810.000	
8800	643.0705	Traffic Control Warning Lights Type A	DAY	1,260.000	1,260.000	
0090	643.0900	Traffic Control Signs	DAY	630.000	630.000	
0092	643.5000	Traffic Control	EACH	1.000	1.000	
0094	645.0111	Geotextile Type DF Schedule A	SY	40.000	40.000	
0096	645.0120	Geotextile Type HR	SY	495.000	495.000	
0098	650.4500	Construction Staking Subgrade	LF	160.000	160.000	
0100	650.5000	Construction Staking Base	LF	160.000	160.000	

12/13/2023 11:47:47

Page 2

Estimate Of Q	uantities
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					7862-00-70
Line	Item	Item Description	Unit	Total	Qty
0102	650.6501	Construction Staking Structure Layout (structure) 01. B-09-393	EACH	1.000	1.000
0104	650.9911	Construction Staking Supplemental Control (project) 01. 7862-00-70	EACH	1.000	1.000
0106	650.9920	Construction Staking Slope Stakes	LF	160.000	160.000
0108	690.0150	Sawing Asphalt	LF	40.000	40.000
0110	715.0502	Incentive Strength Concrete Structures	DOL	1,500.000	1,500.000
0112	ASP.1T0A	On-the-Job Training Apprentice at \$5.00/HR	HRS	300.000	300.000
0114	ASP.1T0G	On-the-Job Training Graduate at \$5.00/HR	HRS	300.000	300.000
0116	SPV.0090	Special 01. Flashing Stainless Steel	LF	153.000	153.000

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				205.0100				208.0100				305.0110	305.0120	455.0605	465.0105	465.0315	624.0100
CTATION	TO	STATION	LOCATION	EXCAVATION COMMON	UNEXPANDED FILL CY	EXPANDED FILL (1)	MASS ORDINATE +/- (2)	BORROW				BASE AGGREGATE DENSE 3/4-INCH	BASE AGGREGATE DENSE 1 1/4-INCH	TACK COAT	ASPHALTIC SURFACE	ASPHALTIC FLUMES	WATER
STATION	10	STATION	LOCATION	CY	CY	CY	CY	CY	STATION TO STA	ATION	LOCATION	TON	TON	GAL	TON	SY	MGAL
9+10	-	9+50	LT & RT	40	9	12	28	-28	9+10 - 9-	+60	LT & RT	11	106	10	27		3
10+50	-	10+90	LT & RT	44	42	54	-10	10	10+40 - 10	0+90	LT & RT	11	106	10	27		3
			UNUSABLE PAVEMENT (3)					24	10	0+55	LT					7	
			TOTAL	84	•		18	6			TOTAL	22	212	20	54	7	6

				606.0300	645.0120
					GEOTEXTILE TYPE
				RIPRAP HEAVY	HR
STATION	TO	STATION	LOCATION	CY	SY
10+50	-	10+90	LT	30	65
10+50	-	10+90	RT	25	60
			TOTAL 0010	55	125

				625.0100	628.1504	628.1520	628.1905	628.1910 MOBILIZATIONS	628.2008	628.6005
							MOBILIZATIONS	EMERGENCY	EROSION MAT	
						SILTFENCE	EROSION	EROSION	URBAN CLASS I	TURBIDITY
				TOPSOIL	SILT FENCE	MAINTENANCE	CONTROL	CONTROL	TYPEB	BARRIERS
STATION	TO	STATION	LOCATION	SY	LF	LF	EACH	EACH	SY	SY
9+10	-	9+50	LT	31	65	65			53	
9+10	-	9+50	RT	34	70	70			56	
9+71	-	9+77	LT & RT							100
9+96	-	10+04	LT & RT							
10+23	-	10+33	LT & RT							100
10+50	-	10+90	LT	10	75	75			6	
10+50	-	10+90	RT	10	70	70			7	
			PROJECT 7862-00-70				4	2		
			TOTAL	85	280	280	4	2	122	200

PROJECT NO: 7862-00-70 HWY: 240TH STREET COUNTY: CHIPPEWA MISCELLANEOUS QUANTITIES SHEET **E**

STATION	TO	STATION	LOCATION	629.0210 FERTILIZER TYPE B CWT	630.0120 SEEDING MIXTURE NO. 20 LB	630.0200 SEEDING TEMPORARY LB	630.0500 SEED WATER MGAL
9+10	_	9+50	LT	0.1	3	3	4
9+10	_	9+50	RT	0.1	3	3	4
10+50	-	10+90	LT	0.1	2	2	2
10+50	-	10+90	RT	0.1	2	2	2
	-		TOTAL	0.4	10	10	12

	634.0612	637.2230	638.2602	638.3000
	POSTS WOOD			REMOVING
	4X6-INCH X 12-	SIGNS TYPE II	REMOVING	SMALL SIGN
	FT	REFLECTIVE F	SIGNS TYPE II	SUPPORTS
LOCATION	EACH	SF	EACH	EACH
PROJECT ID 7862-00-70	4	12	2	2
TOTAL	4	12	2	2

	643.0420 TRAFFIC CONTROL	643.0705 TRAFFIC CONTROL	643.0900	643.5000
	BARRICADES TYPE III	WARNING LIGHTS TYPE A	TRAFFIC CONTROL SIGNS	TRAFFIC CONTROL
LOCATION	DAY	DAY	DAY	EACH
PROJECT ID 7862-00-70	810	1,260	630	1
TOTAL	810	1,260	630	1

		690.0150 SAWING ASPHALT
STATION	LOCATION	LF
9+10	BEGIN PROJECT 7862-00-70	20
10+90	END PROJECT 7862-00-70	20
	TOTAL 0010	40

COUNTY: CHIPPEWA SHEET Ε HWY: 240TH STREET PROJECT NO: 7862-00-70 MISCELLANEOUS QUANTITIES

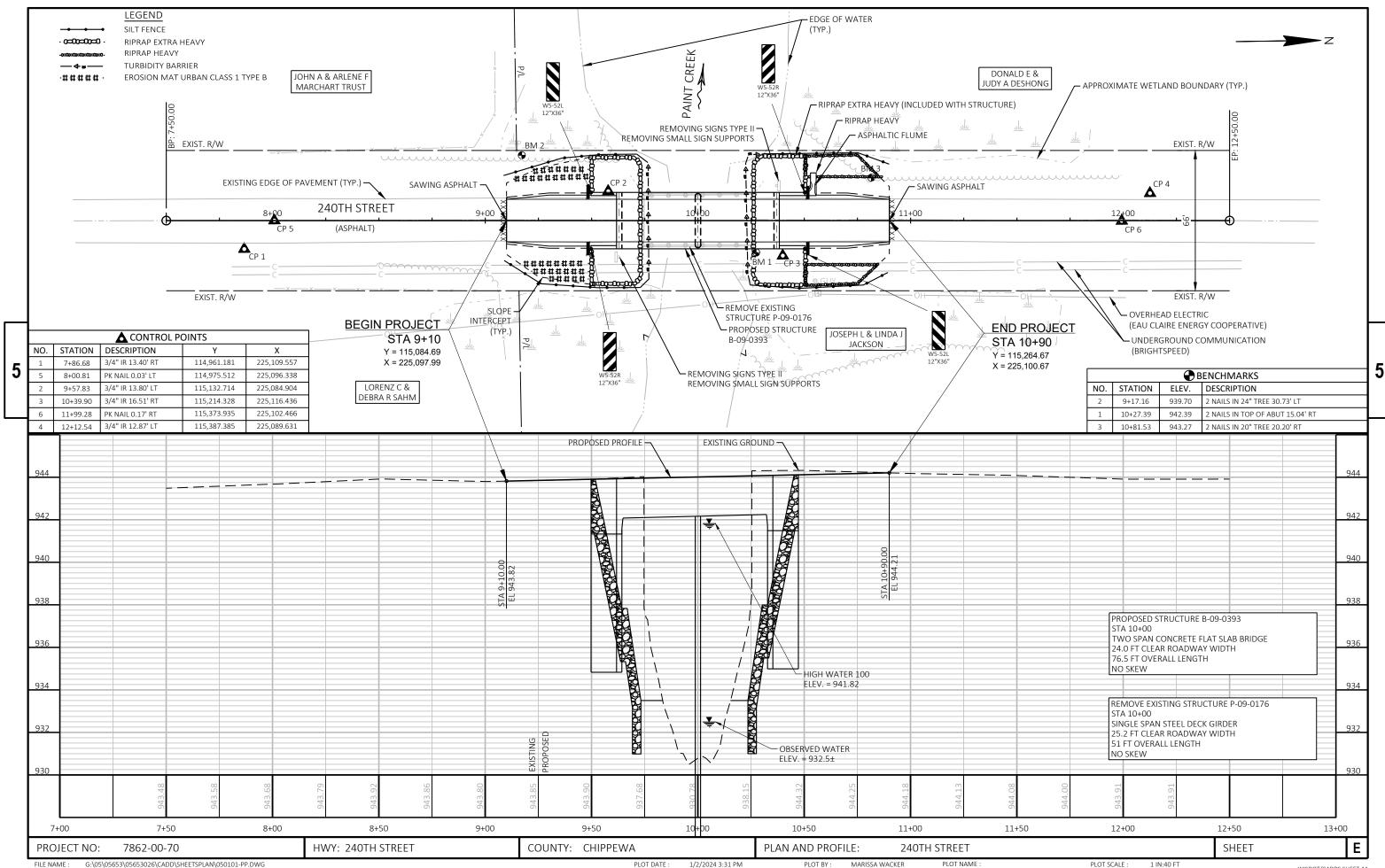
FILE NAME : G:\05\05653\05653026\CALCULATIONS\MQ\MQ BORDER.DWG LAYOUT NAME - 030201_mq

PLOT DATE : 11/18/2021 3:30 PM

PLOT BY: MARISSA WACKER

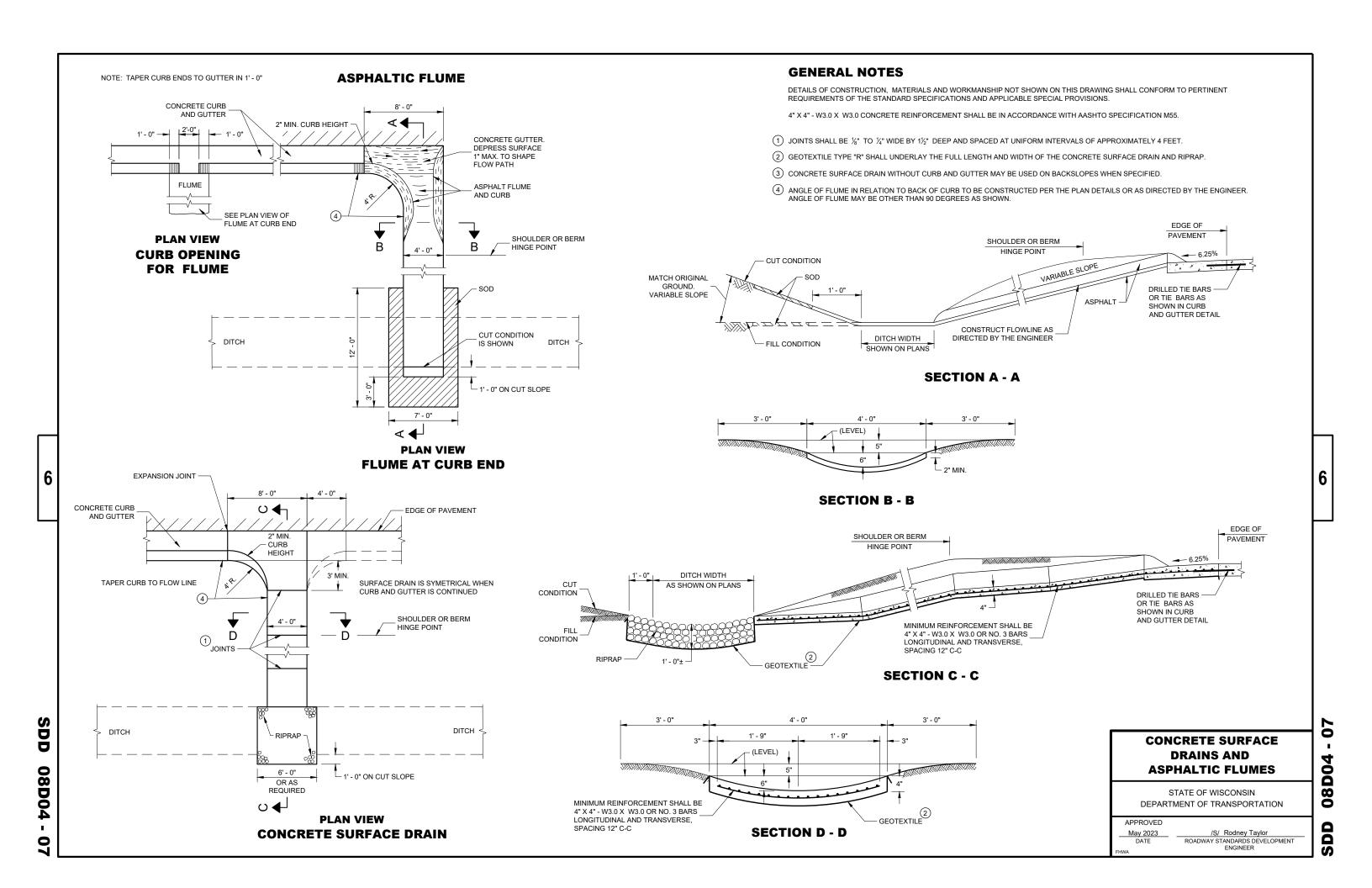
PLOT NAME :

WISDOT/CADDS SHEET 42

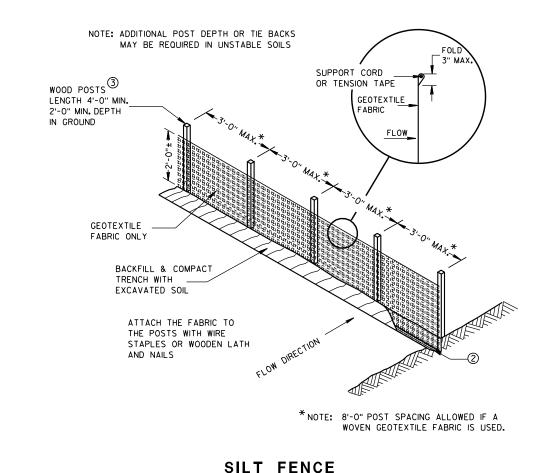


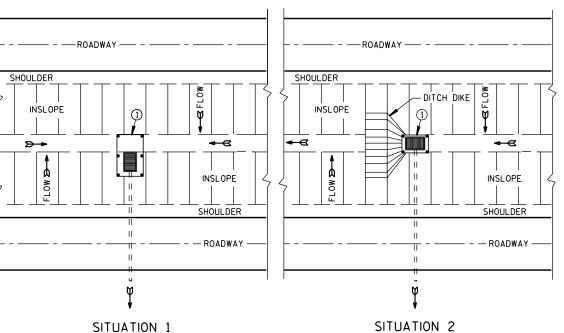
Standard Detail Drawing List

08D04-07	CONCRETE SURFACE DRAINS & ASPHALTIC FLUMES
08E09-06	SILT FENCE
08E11-02	TURBI DI TY BARRI ER
12A03-10	NAME PLATE (STRUCTURES)
15C02-09A	BARRICADES AND SIGNS FOR MAINLINE CLOSURES
15C02-09B	BARRICADES AND SIGNS FOR VARIOUS CLOSURES
15C06-12	SIGNING & MARKING FOR TWO LANE BRIDGES
15C11-10B	CHANNELIZING DEVICES DRUMS, CONES, BARRICADES AND VERTICAL PANELS

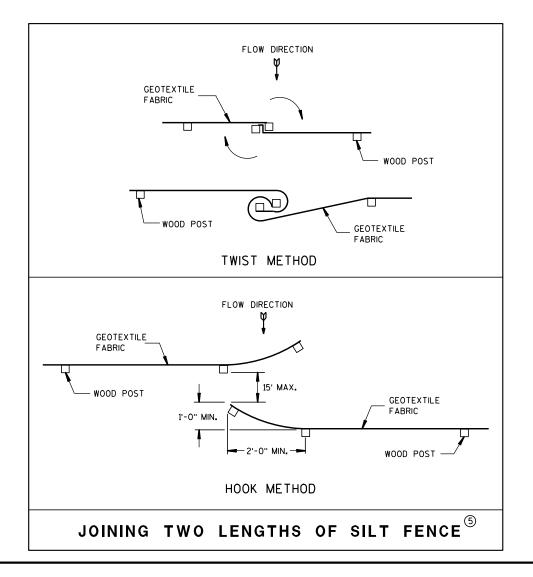


TYPICAL APPLICATION OF SILT FENCE





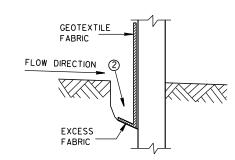
PLAN VIEW SILT FENCE AT MEDIAN SURFACE DRAINS



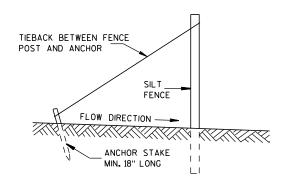
GENERAL NOTES

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

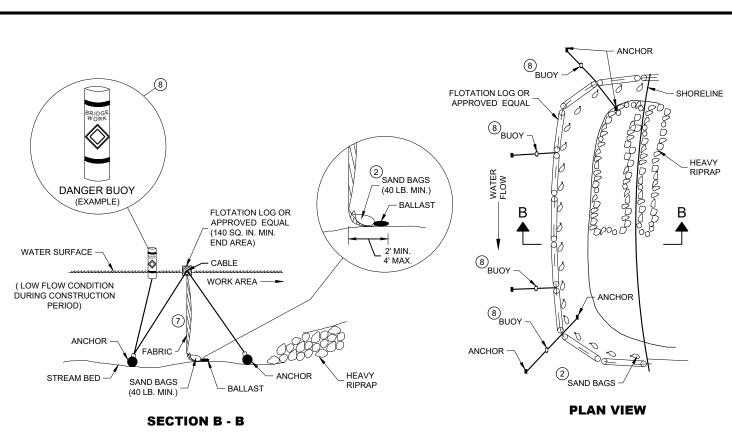


SILT FENCE TIE BACK (WHEN REQUIRED BY THE ENGINEER)

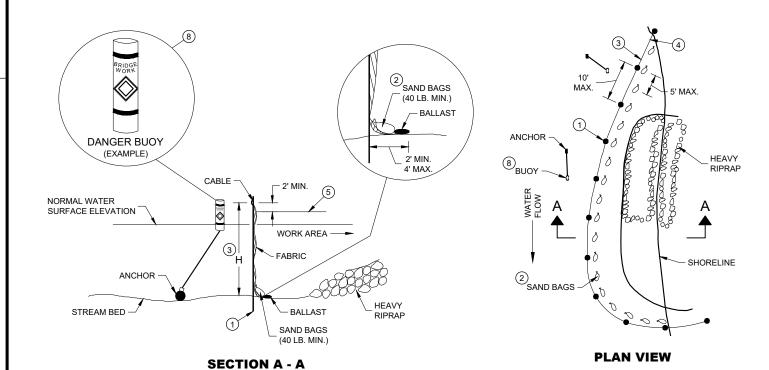
SILT FENCE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION APPROVED 4-29-05 /S/ Beth Cannestra CHIEF ROADWAY DEVELOPMENT ENGINEER

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TURBIDITY BARRIER - FLOAT ALTERNATIVE CAUTION - SEE NOTE 6



TURBIDITY BARRIER - STANDARD POST INSTALLATION

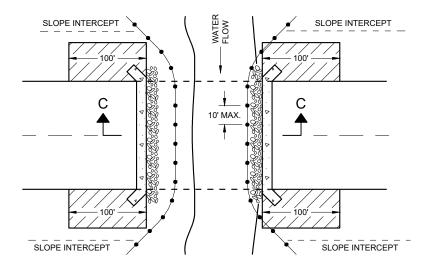
TURBIDITY BARRIER PLACEMENT DETAILS

GENERAL NOTES

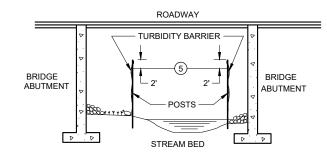
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

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 WATER ELEVATIONS.
- (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 THE UPSTREAM END.
- (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

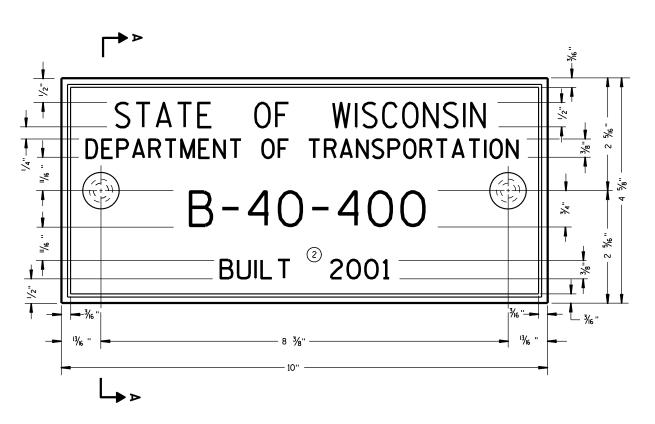
TURBIDITY BARRIER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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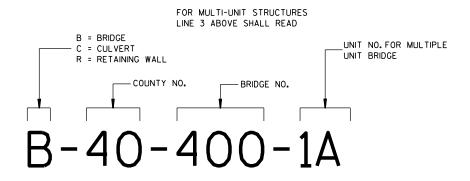
APPROVED	
6/4/02	/S/ Beth Cannestra
DATE	CHIEF ROADWAY DEVELOPMENT
FHWA	ENGINEER





TYPICAL NAME PLATE

(BRIDGES, CULVERTS, AND RETAINING WALLS)



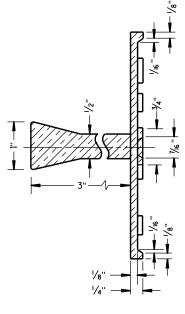
NUMBERING DESIGNATION MULTI-UNIT STRUCTURES

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.

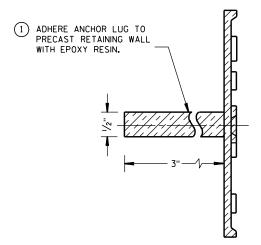
- 1 EPOXY RESIN SHALL BE FROM AN APPROVED MANUFACTURER AND USED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
- REHABILITATION OF AN EXISTING STRUCTURE SHOULD USE THE DATE OF ORIGINAL STRUCTURE CONSTRUCTION.



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)

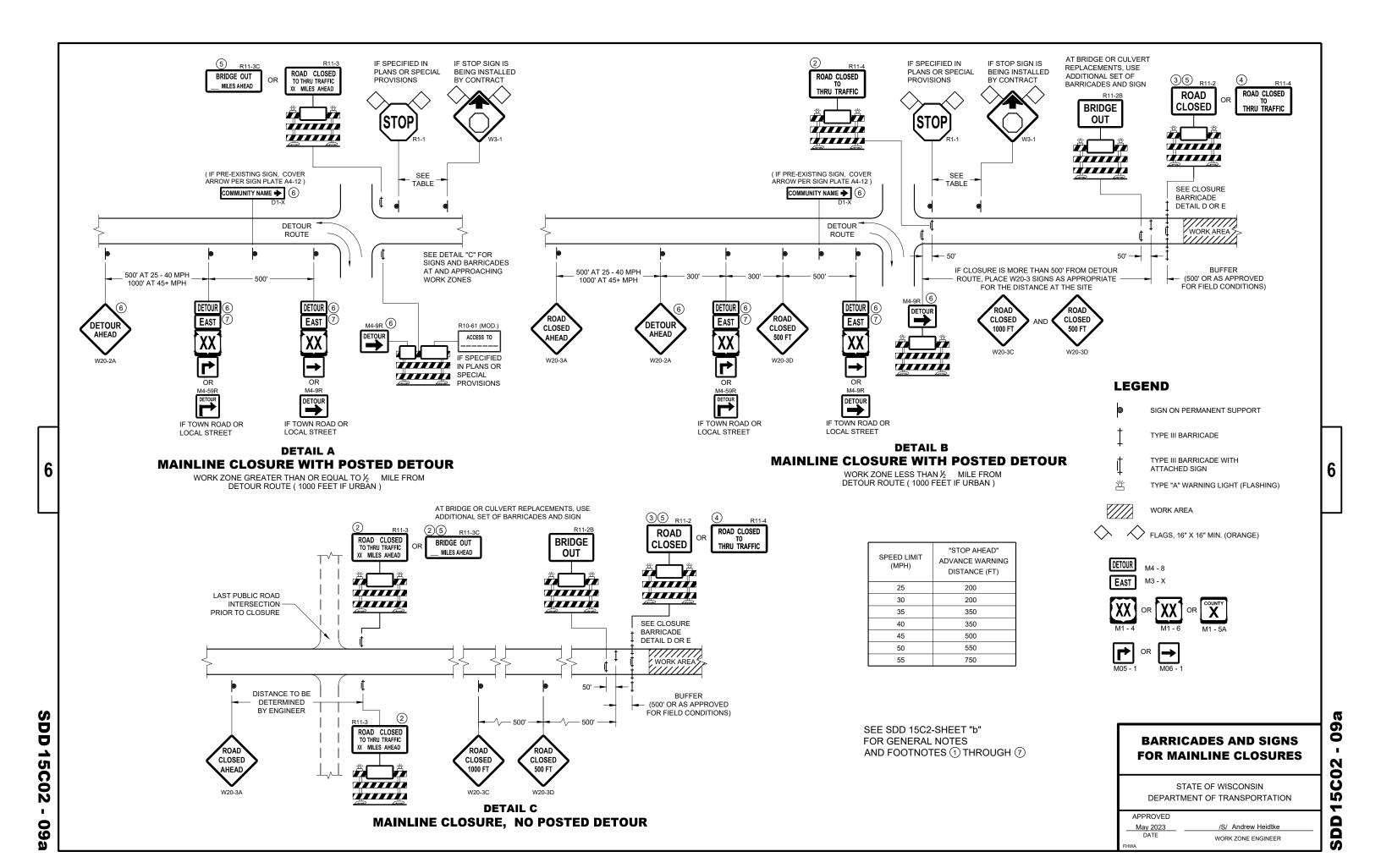
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

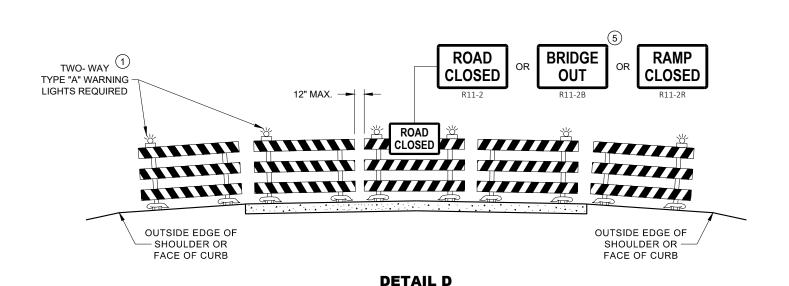
3-10

APPROVED

3/26/IO /S/ SCOT BECKET

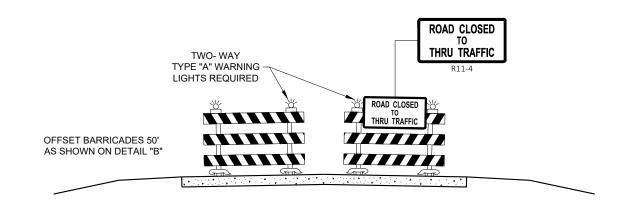
CHIEF STRUCTURAL DEVELOPMENT ENGINEER





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

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"

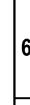
- TWO WARNING LIGHTS SHALL BE PROVIDED ON THE CENTER BARRICADE AND A MINIMUM OF ONE WARNING LIGHT SHALL BE PROVIDED ON EACH OF THE OTHER BARRICADES WITHIN THE ROADWAY LIMITS. SPACING OF THE WARNING LIGHTS SHALL BE UNIFORM TO THE EDGE OF ROADWAY AS SHOWN (APPROX. 8 FOOT LIGHT **SPACING**
- THESE SIGNS AND BARRICADES ARE NOT REQUIRED IF ROAD CLOSURE BEGINS AT AN INTERSECTION.
- (3) FOR ROAD CLOSURE <u>WITHOUT</u> 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
- "EAST" CARDINAL DIRECTION MARKERS AND RIGHT TURN ARROWS ARE SHOWN. USE OTHER CARDINAL DIRECTIONS AND ARROWS AS APPROPRIATE.

BARRICADES AND SIGNS FOR **VARIOUS CLOSURES**

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

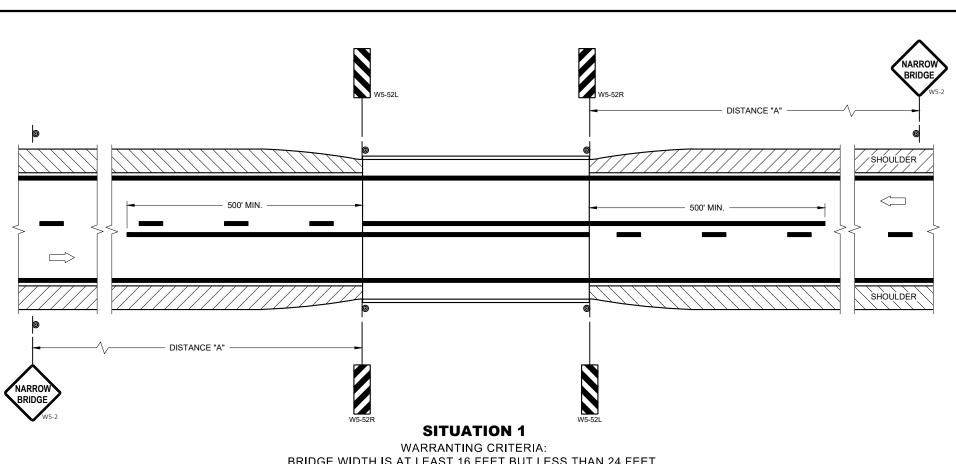
APPROVED May 2023 DATE WORK ZONE ENGINEER

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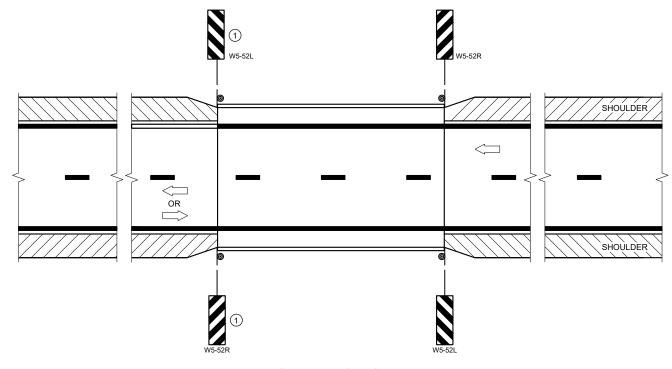


-90 5

SD



BRIDGE WIDTH IS AT LEAST 16 FEET BUT LESS THAN 24 FEET.



SITUATION 2

WARRANTING CRITERIA:

15C06-12

- 1. BRIDGE WIDTH IS AT LEAST 24 FEET AND
- 2. BRIDGE SHOULDER WIDTH IS LESS THAN 6 FEET

GENERAL NOTES

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

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

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

ON BRIDGE ONLY PROJECTS, PLACE 300 FEET OF EDGELINE.

OMIT EDGELINES ON ROADWAYS WITHOUT EXISTING EDGELINES.

(1) OMIT ON ONE-WAY TRAVELED WAYS.

LEGEND

SIGN ON PERMANENT SUPPORT

DIRECTION OF TRAFFIC

DISTANCE TABLE

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

SIGNING AND MARKING FOR TWO LANE BRIDGES

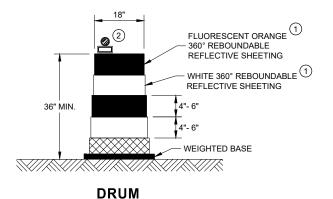
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVED	
May 2023	/S/ Jeannie Silver
DATE	STATE SIGNING AND MARKING
	ENGINEER

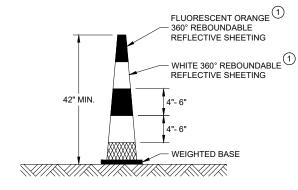
SDD 15C11

GENERAL NOTES

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

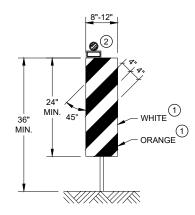


BALLAST WIDTHS RANGE FROM 24"-36"



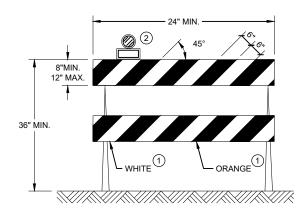
42" CONE

DO NOT USE IN TAPERS ½ SPACING OF DRUMS BALLAST WIDTHS RANGE FROM 14"-20"



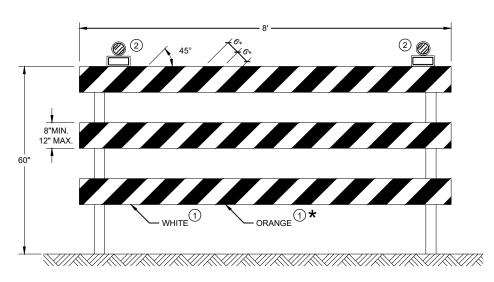
VERTICAL PANEL

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



TYPE II BARRICADE

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



TYPE III BARRICADE

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

* IF USED FOR A PERMANENT APPLICATION USE RED SHEETING.

CHANNELIZING DEVICES DRUMS, CONES, BARRICADES AND VERTICAL PANELS

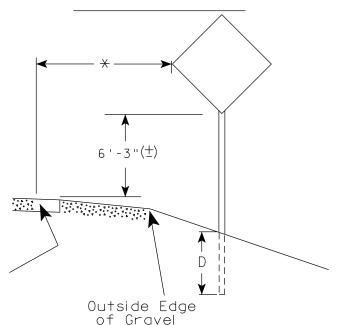
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION 15C

APPROVED	
November 2022	/S/ Andrew Heidtke
DATE	WORK ZONE ENGINEER
FHWA	

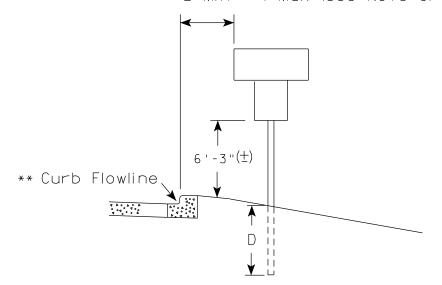
2' Min - 4' Max (See Note 6)

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

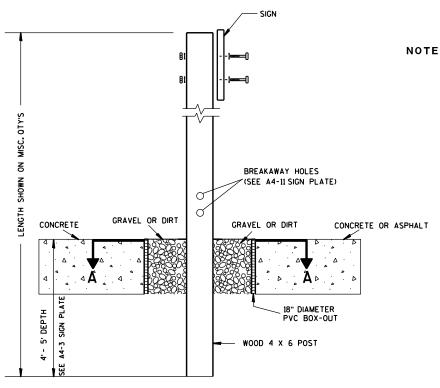
measured from the flow line.

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

PLOT BY : mscj9h

PLOT NAME :

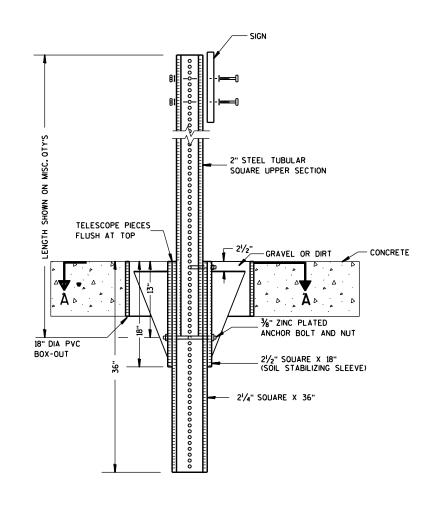
PLOT SCALE: \$\$.....plotscale.....\$\$ WISDOT/CADDS SHEET 42



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.



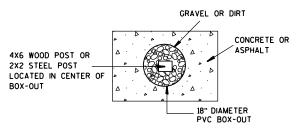
ELEVATION VIEW

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

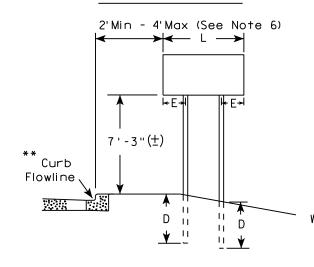
For State Traffic Engineer

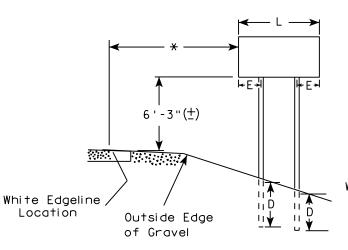
DATE 8/21/17 PLATE NO. 44-4.15

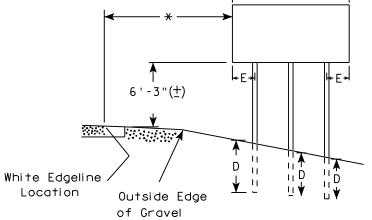
SHEET NO:

URBAN AREA

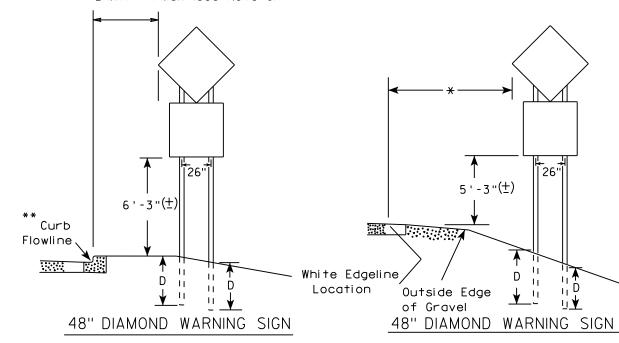
RURAL AREA (See Note 3)







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



	SIGN SHAPE OTHER THAN DIAMOND (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:

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

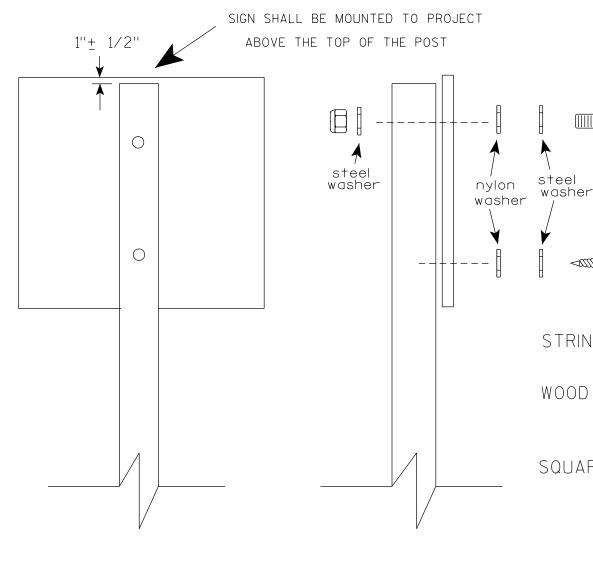
PROJECT NO:

PLOT DATE: 21-AUG-2017 15:54

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

PLOT SCALE: 108.188297:1.000000

WISDOT/CADDS SHEET 42



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

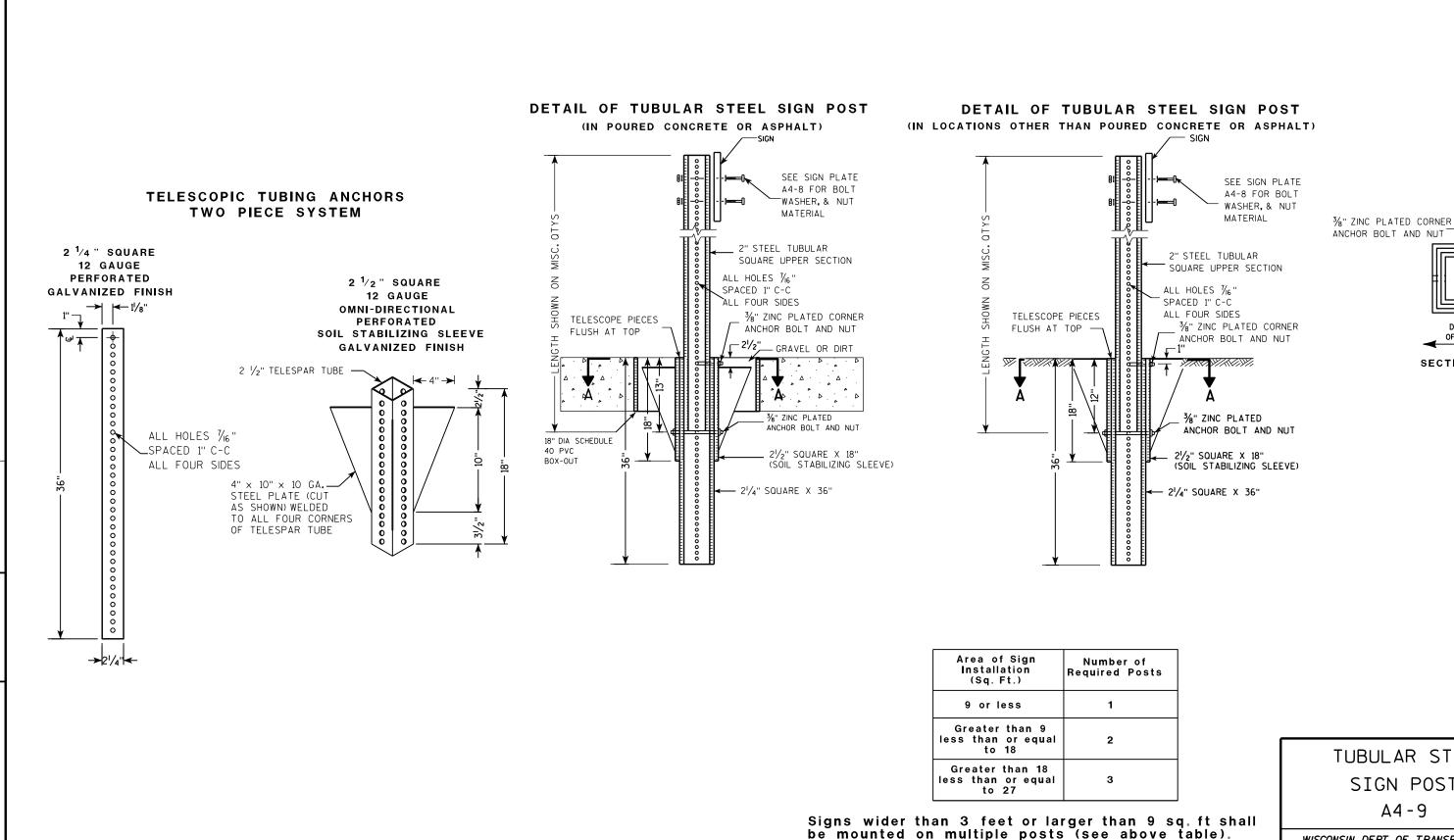
PLATE NO. <u>A4-8.9</u>

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

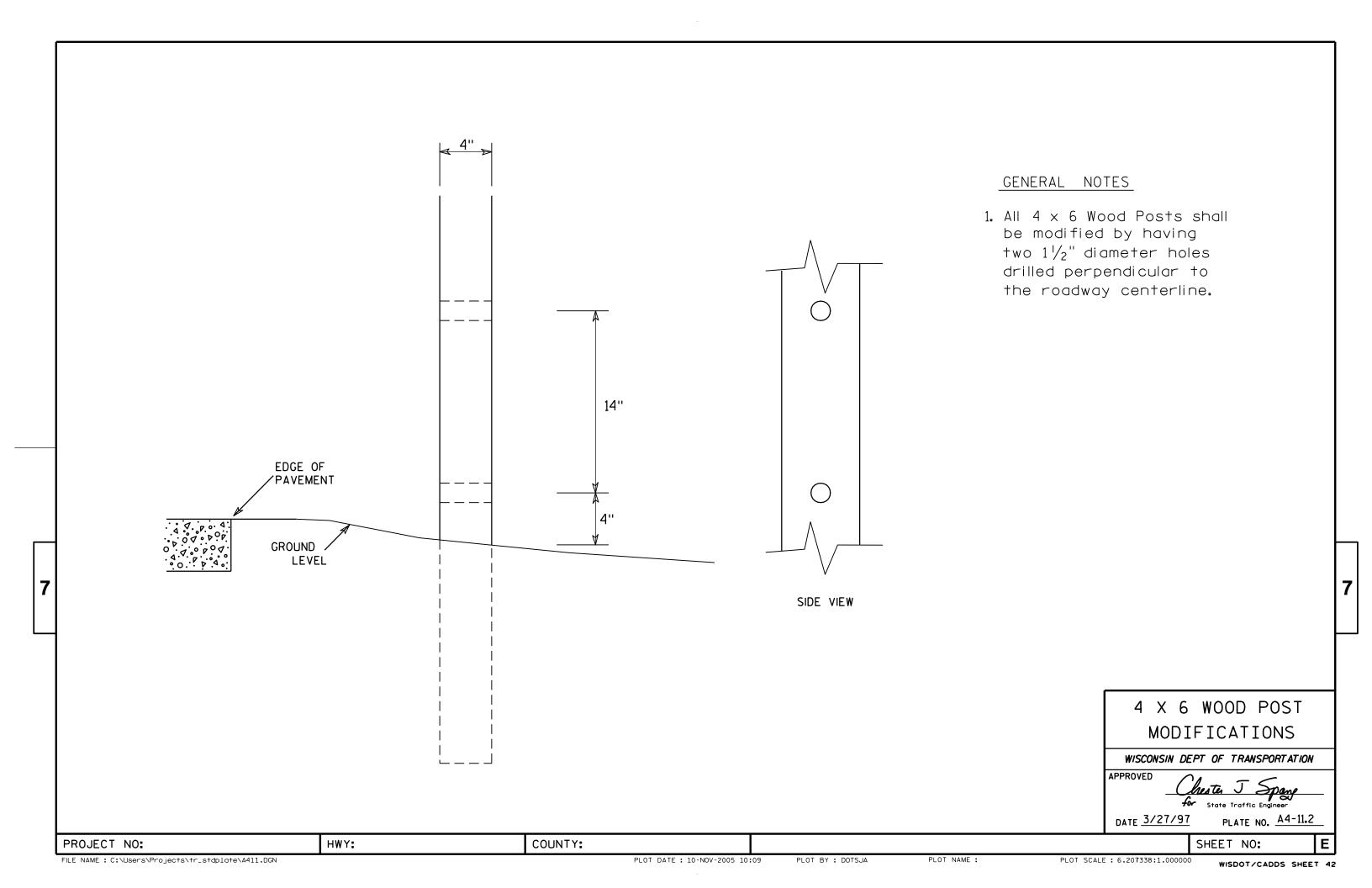
COUNTY:

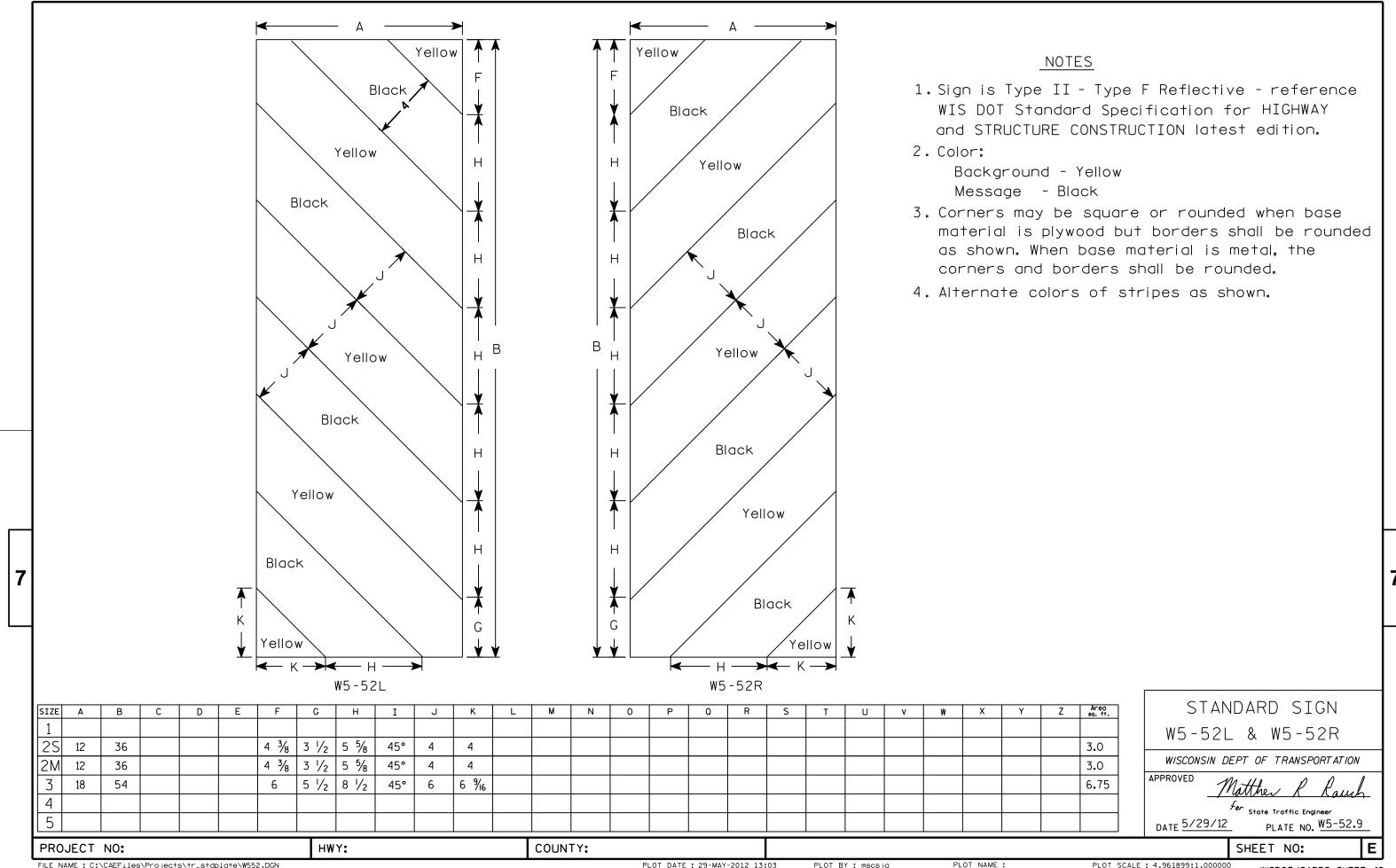
PLOT NAME :

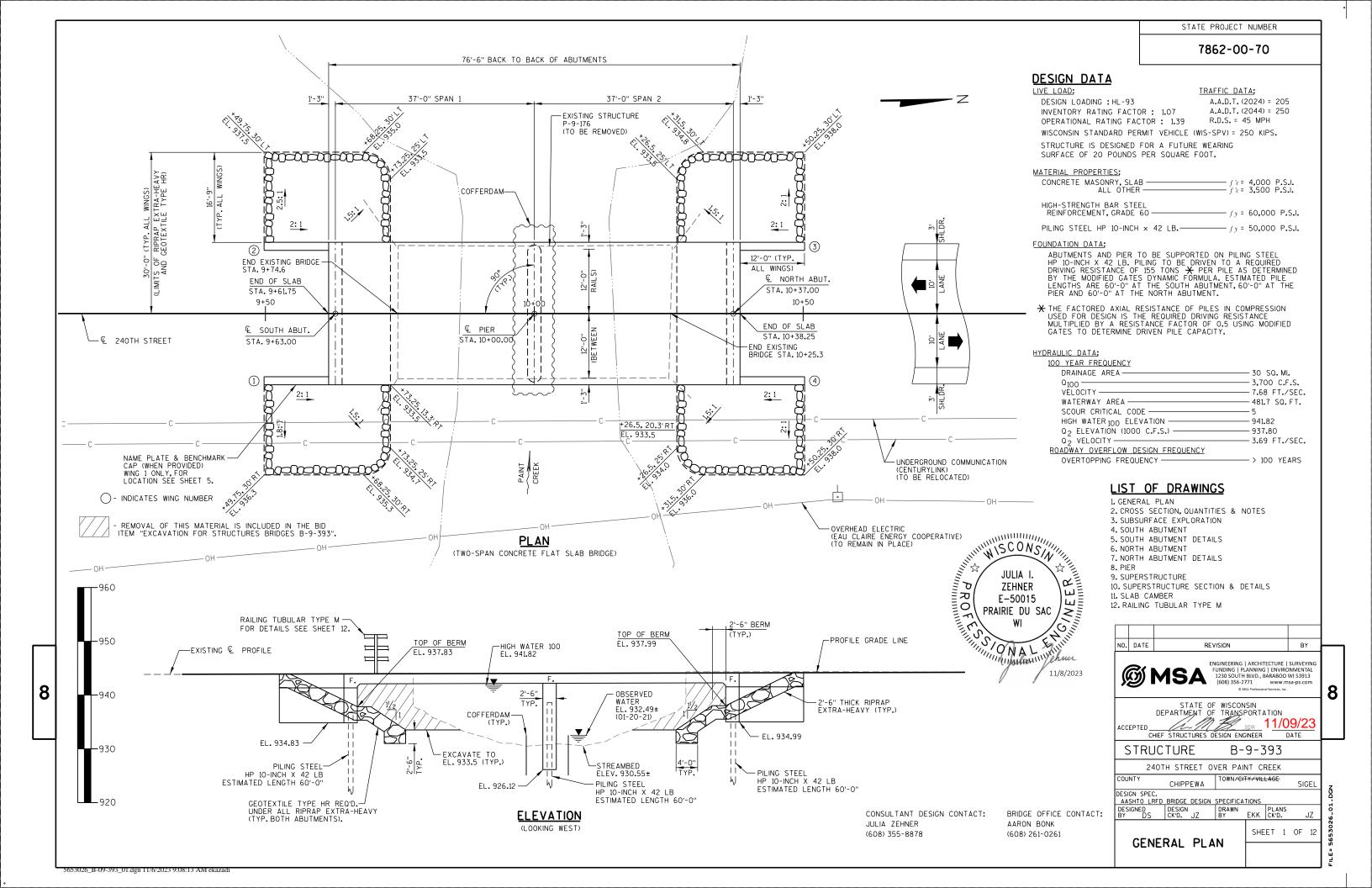
PLOT BY: mscsja

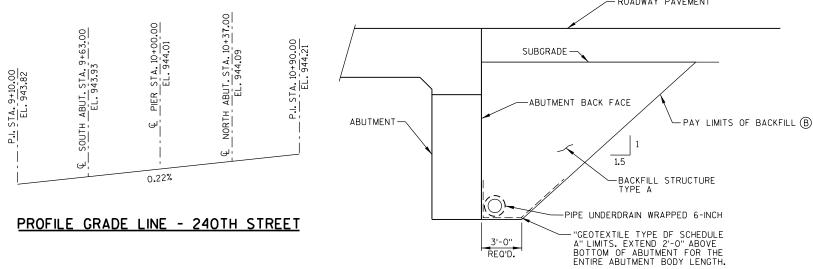
PLOT SCALE: 13.659812:1.000000

SECTION A-A









STRUCTURE BACKFILL DETAIL

TOTAL ESTIMATED QUANTITIES

ITEM NUMBER	BID ITEM	UNIT	SOUTH ABUT.	PIER	NORTH ABUT.	SUPER	TOTAL
203.0260.01	REMOVING STRUCTURE OVER WATERWAY MINIMAL DEBRIS P-9-176	EACH	-	-	-	-	1
206.1001.01	EXCAVATION FOR STRUCTURES BRIDGES B-9-393	EACH	-	-	-	-	1
206.5001.01	COFFERDAMS B-9-393	EACH	-	1	-	-	1
210.1500	BACKFILL STRUCTURE TYPE A	TON	146	-	146	-	292
502.0100	CONCRETE MASONRY BRIDGES	CY	38.2	36.5	38.2	122.8	236
502.3200	PROTECTIVE SURFACE TREATMENT	SY	13	-	13	270	296
502 . 9000 . S . 01	UNDERWATER SUBSTRUCTURE INSPECTION B-9-393	EACH	-	1	-	-	1
505.0400	BAR STEEL REINFORCEMENT HS STRUCTURES	LB	1,700	1,745	1,700	-	5,145
505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	LB	1,775	50	1,775	24 , 955	28,555
513.4061	RAILING TUBULAR TYPE M	LF	-	-	-	206	206
516.0500	RUBBERIZED MEMBRANE WATERPROOFING	SY	9	-	9	-	18
550.1100	PILING STEEL HP 10-INCH X 42 LB	LF	240	360	240	-	840
606.0400	RIPRAP EXTRA-HEAVY	CY	130	-	130	-	260
612.0406	PIPE UNDERDRAIN WRAPPED 6-INCH	LF	110	-	110	-	220
645.0111	GEOTEXTILE TYPE DF SCHEDULE A	SY	20	-	20	-	40
645.0120	GEOTEXTILE TYPE HR	SY	185	-	185	-	370
SPV.0090.01	FLASHING STAINLESS STEEL	LF	-	-	-	153	153
	NON-BID ITEMS						
	PREFORMED FILLER	SIZE					1/2" & 3/4"

GENERAL NOTES

7862-00-70

STATE PROJECT NUMBER

DRAWINGS SHALL NOT BE SCALED.

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

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

THE SLOPE OF THE FILL IN FRONT OF THE ABUTMENTS SHALL BE COVERED WITH RIPRAP EXTRA-HEAVY AND GEOTEXTILE TYPE HR TO THE LIMITS SHOWN ON SHEET 1 AND ON THE ABUTMENT SHEETS OR AS DIRECTED BY THE ENGINEER.

THE EXISTING GROUNDLINE SHALL BE THE UPPER LIMITS OF "EXCAVATION FOR STRUCTURES" FOR THE ABUTMENTS AND PIER.

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

THIS STRUCTURE WILL REPLACE THE EXISTING STRUCTURE, P-9-176, A 51.0 FT. LONG, SINGLE SPAN STEEL DECK GIRDER BRIDGE ON FULL RETAINING TIMBER BACKED ABUTMENTS WITH TIMBER PILING.

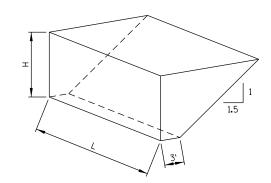
(B)-BACKFILL PAY LIMITS, BACKFILL BEYOND BACKFILL PAY LIMITS SHALL BE INCIDENTAL TO EXCAVATION FOR STRUCTURES. LIMITS OF EXCAVATION SHALL BE DETERMINED BY THE CONTRACTOR.

THE BACKFILL QUANTITIES ARE BASED ON THE PAY LIMITS SHOWN ON THE PLANS AND MAY NOT REFLECT ACTUAL PLACED QUANTITIES. "BACKFILL STRUCTURE TYPE A" REQUIRED DIRECTLY BEHIND ABUTMENTS AND ABUTMENT WINGS FOR 3 FEET. BACKFILL PLACED BEYOND PAY LIMITS OR EXCEEDING PLAN QUANTITIES SHALL BE INCIDENTAL TO EXCAVATION FOR STRUCTURES.

PROTECTIVE SURFACE TREATMENT SHALL BE APPLIED TO THE TOP AND EDGES OF SLAB, TO THE OUTSIDE 1'-O" OF THE UNDERSIDE OF SLAB, TO THE TOPS OF WINGS, TO THE EXPOSED FRONT FACES OF WINGS, AND TO THE END 1'-O" OF THE FRONT FACE OF ABUTMENTS.

ELEVATIONS SHOWN ON THIS PLAN ARE REFERENCED TO USGS NAVD 88 (2012 ADJUSTED), BENCHMARK REFERENCES AT THE PROJECT SITE WERE SET BY THE CONSULTANT USING GPS TECHNOLOGY.

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

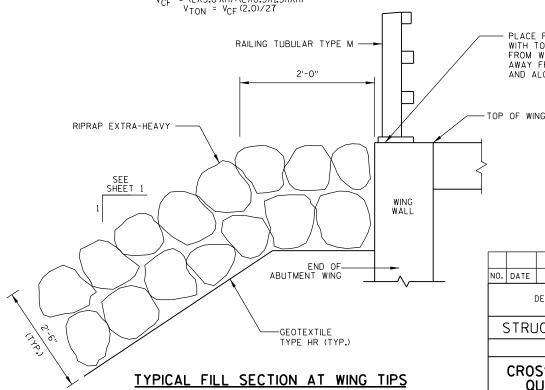


ABUTMENT BACKFILL DIAGRAM

L = OUT-TO-OUT OF ABUTMENT (FT) H = AVERAGE ABUTMENT FILL HEIGHT (FT)

V_{CF} = (L)(3.0')(H)+(L)(0.5)(1.5H)(H)

V_{TON} = V_{CF} (2.0)/27



PLACE RIPRAP EXTRA-HEAVY EVEN WITH TOP OF WINGS, 2 FEET FROM WING TIP, BOTH DIRECTIONS AWAY FROM WING FRONT FACE AND ALONG WING LENGTH.

REVISION STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

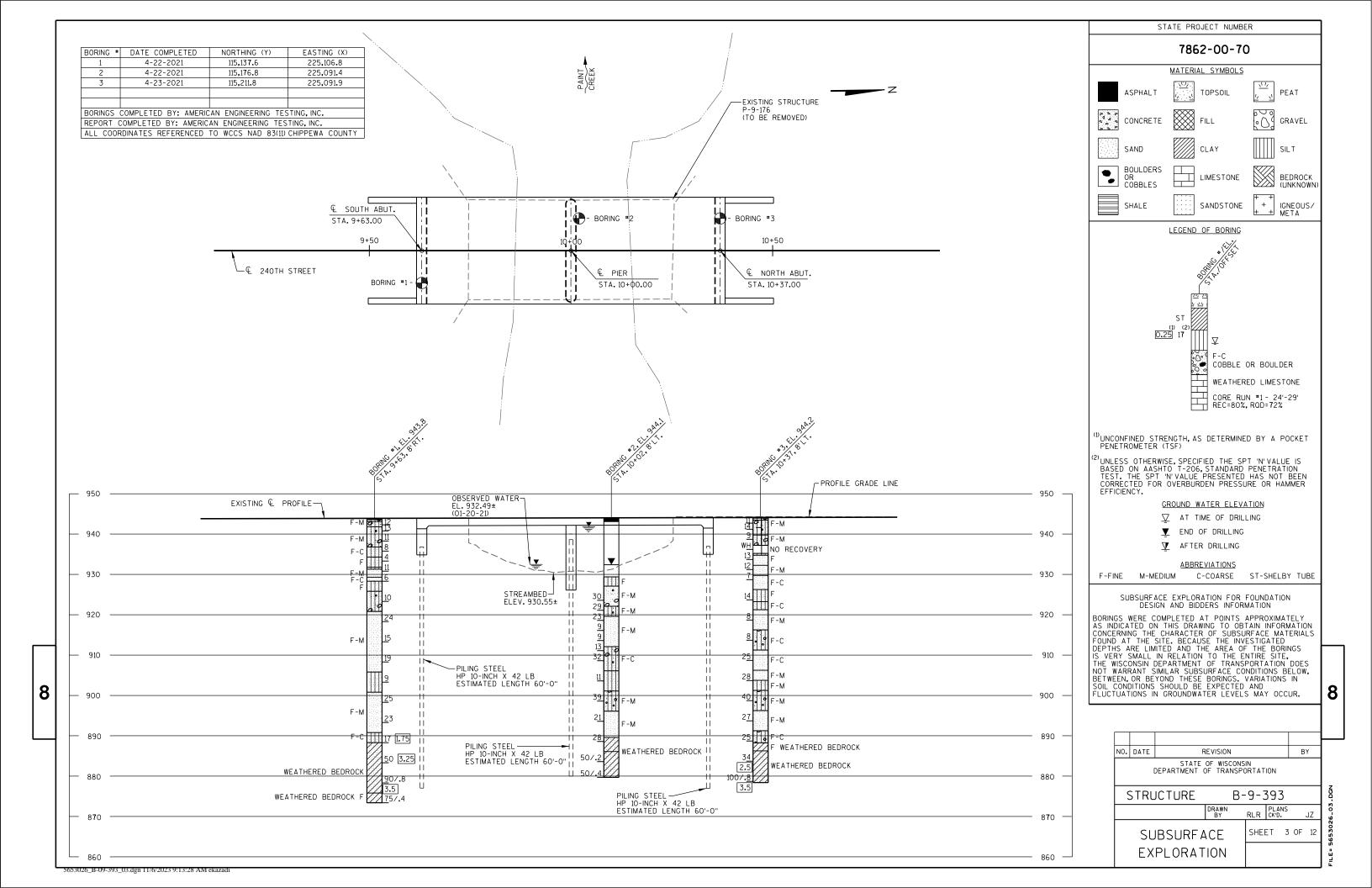
STRUCTURE B-9-393

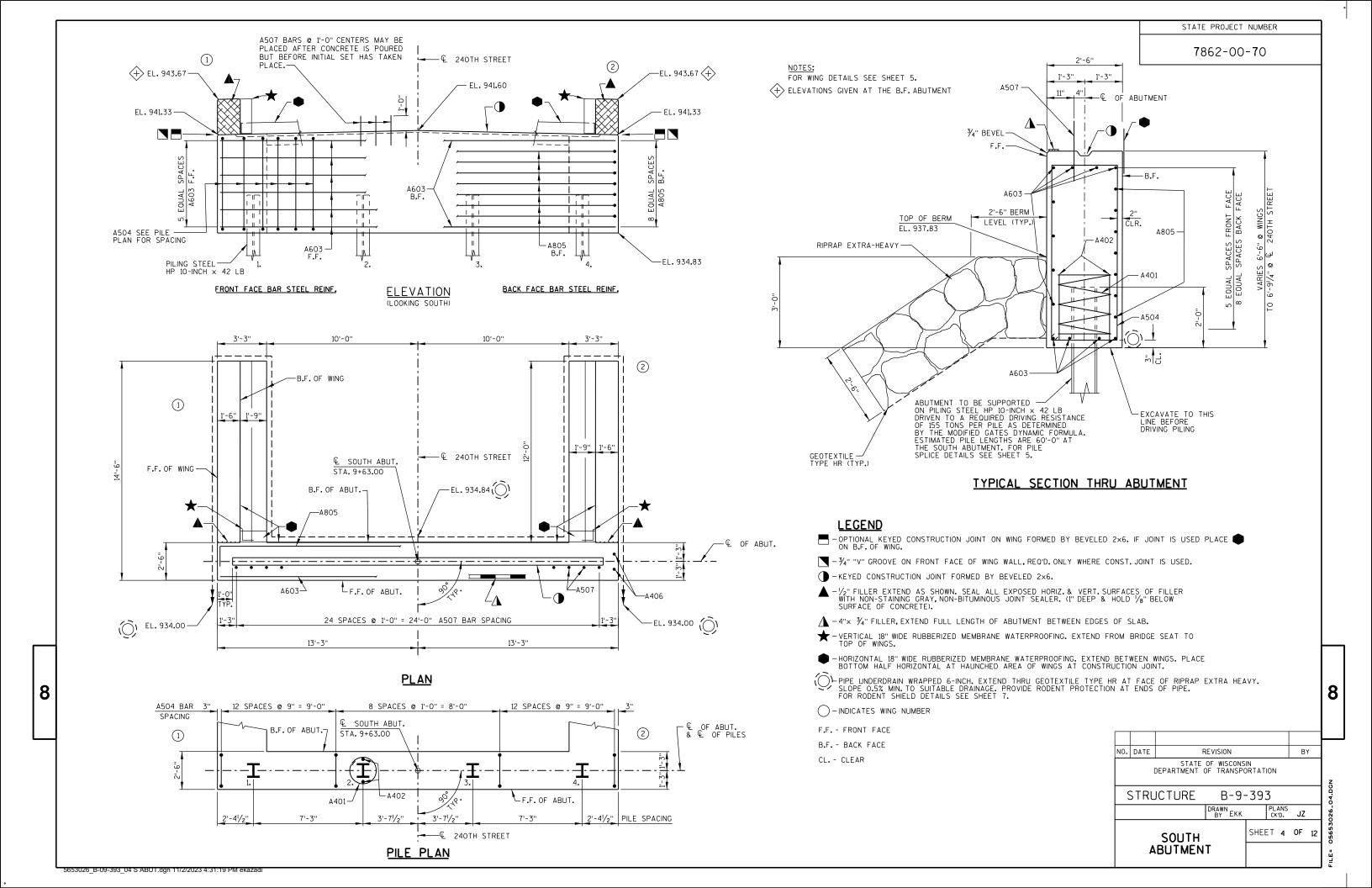
DRAWN BY RLR CROSS SECTION, QUANTITIES

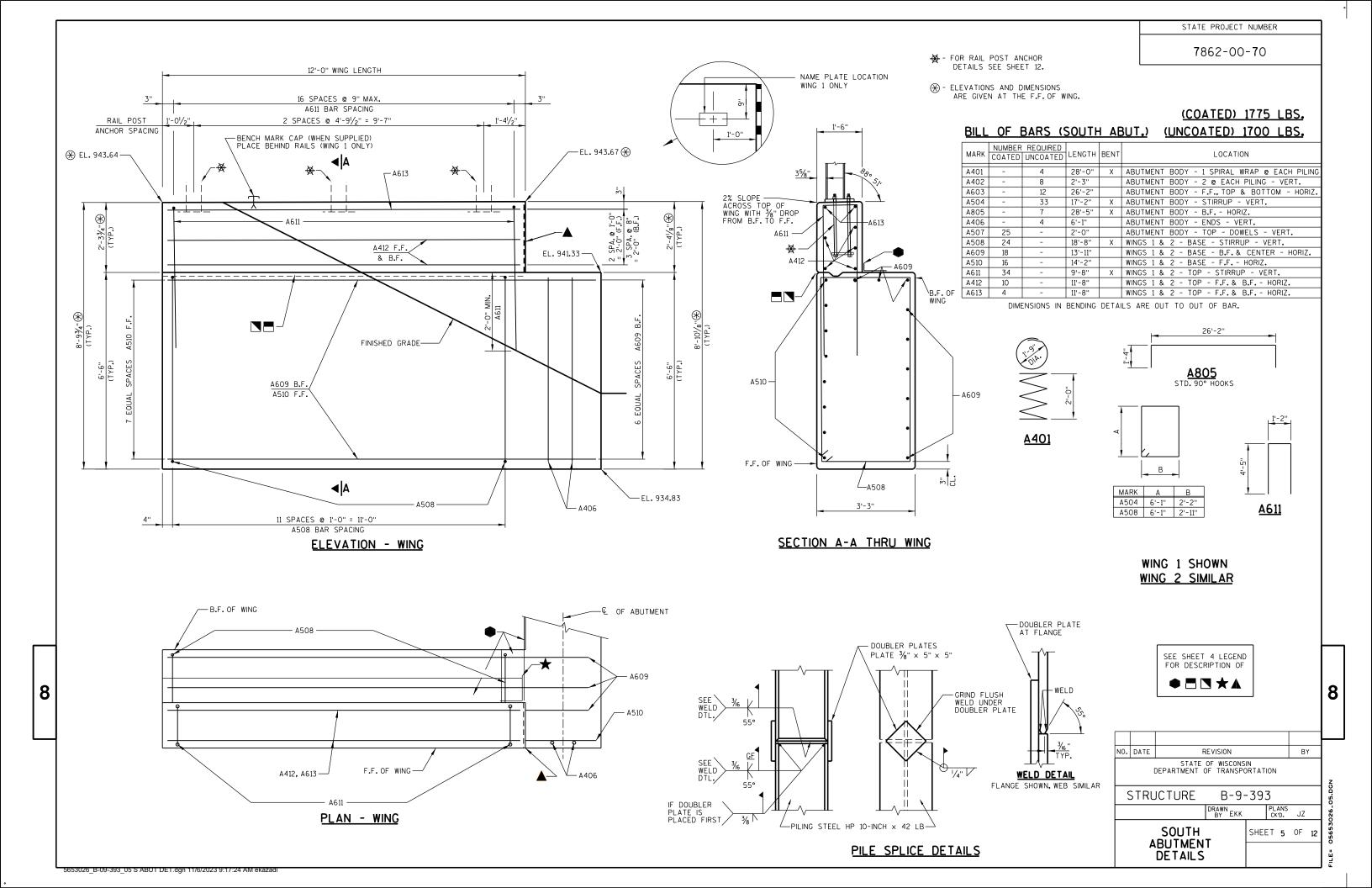
& NOTES

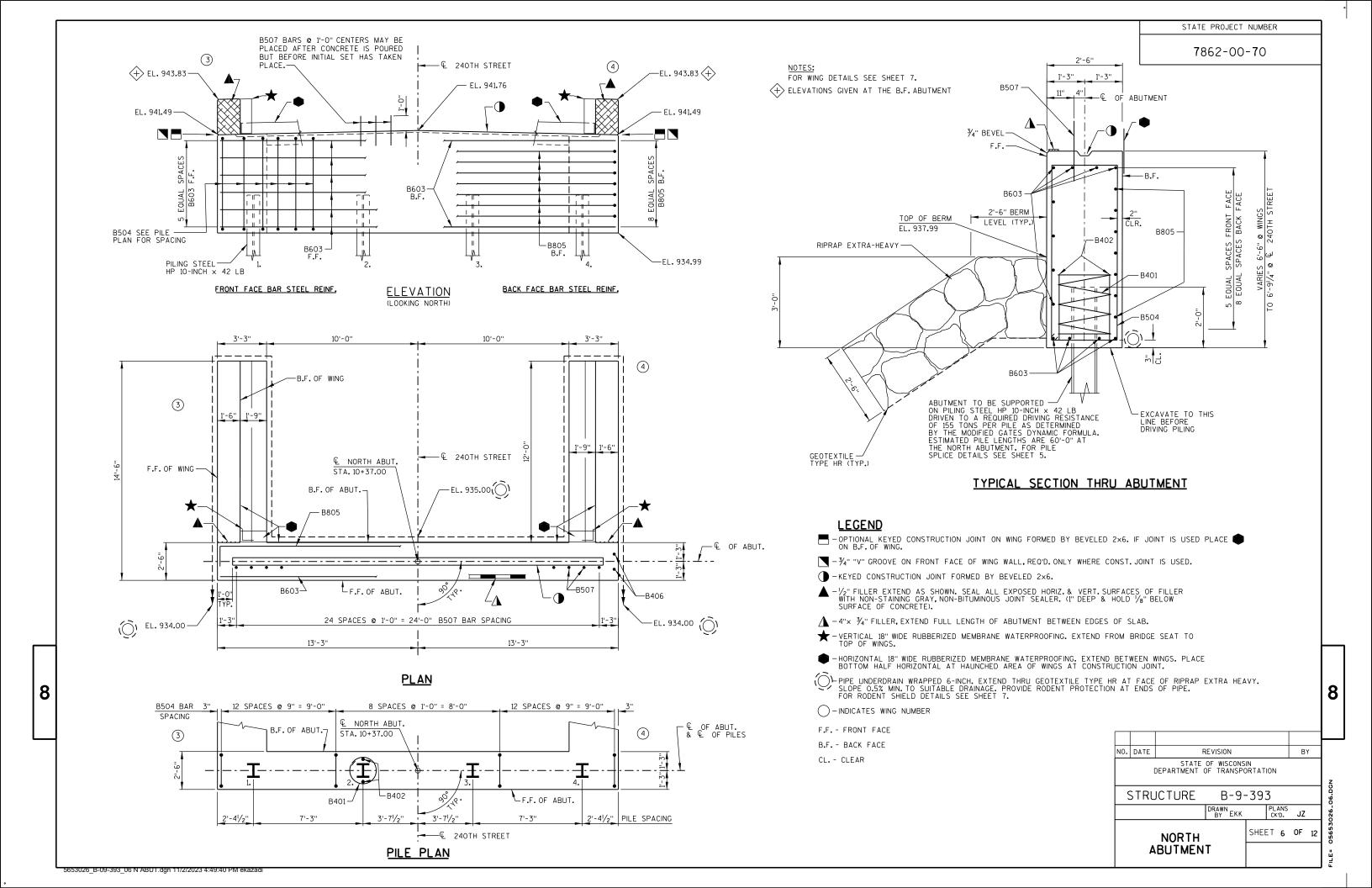
PLANS CK'D. **JZ**

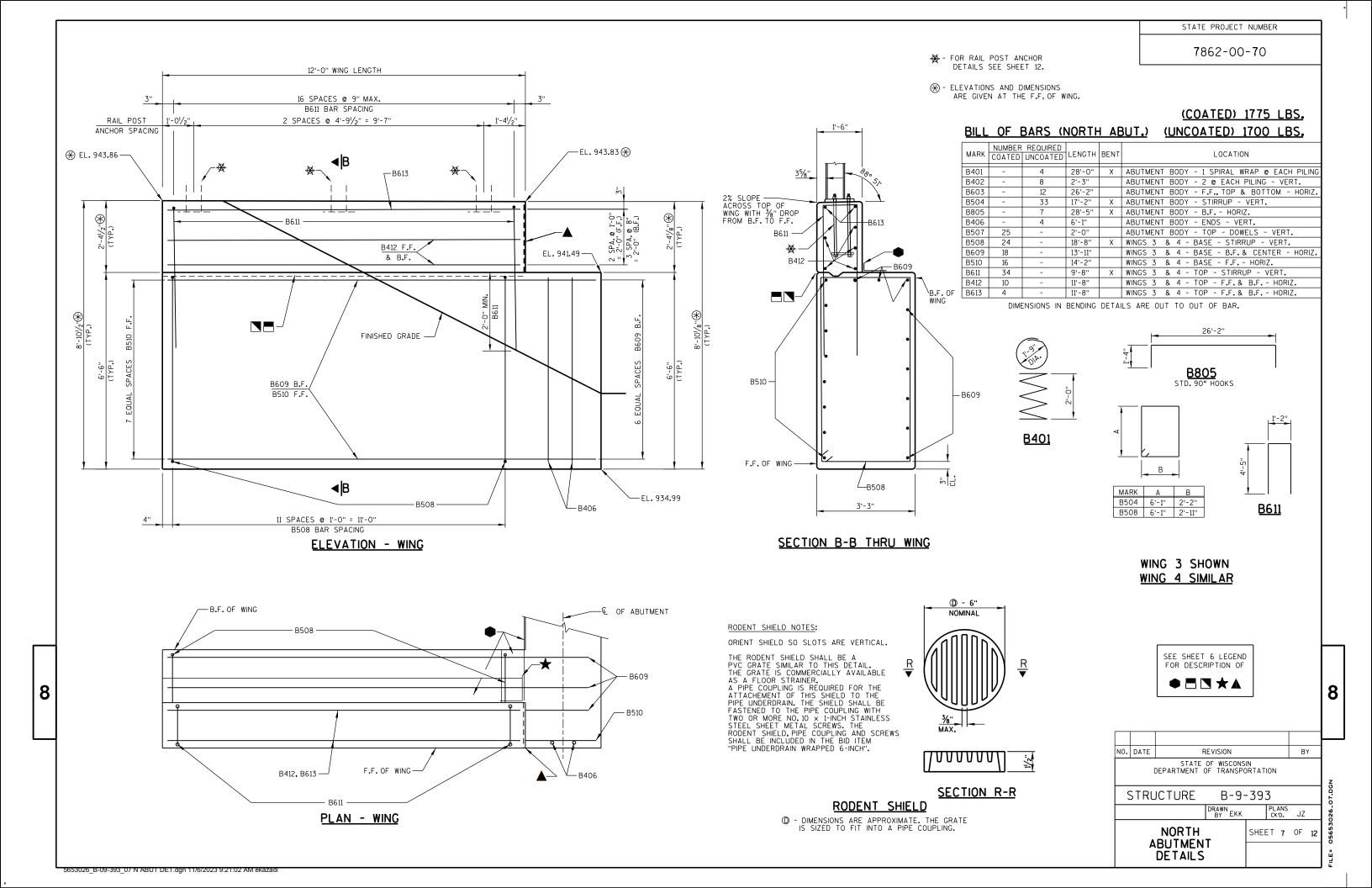
SHEET 2 OF

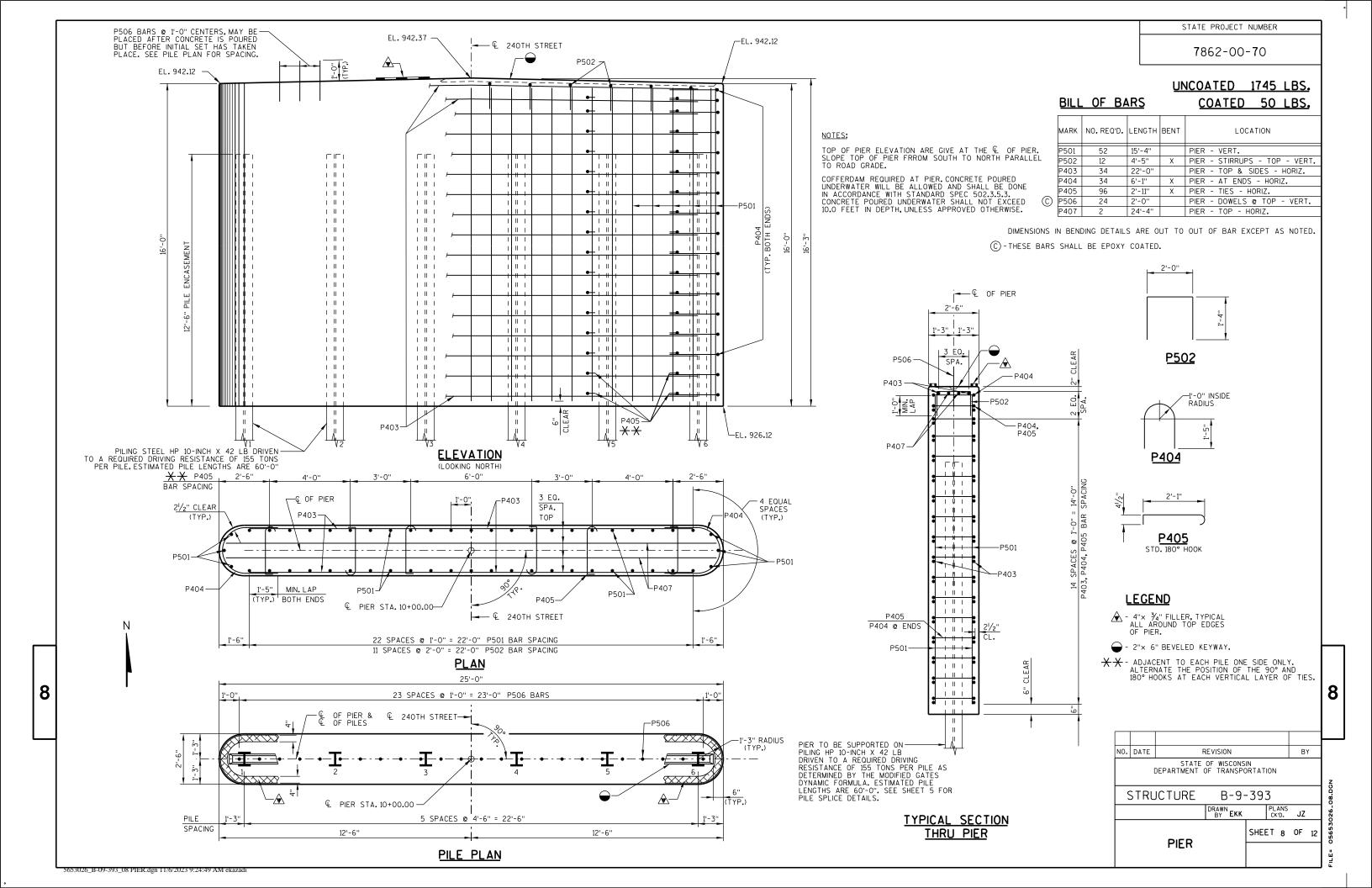


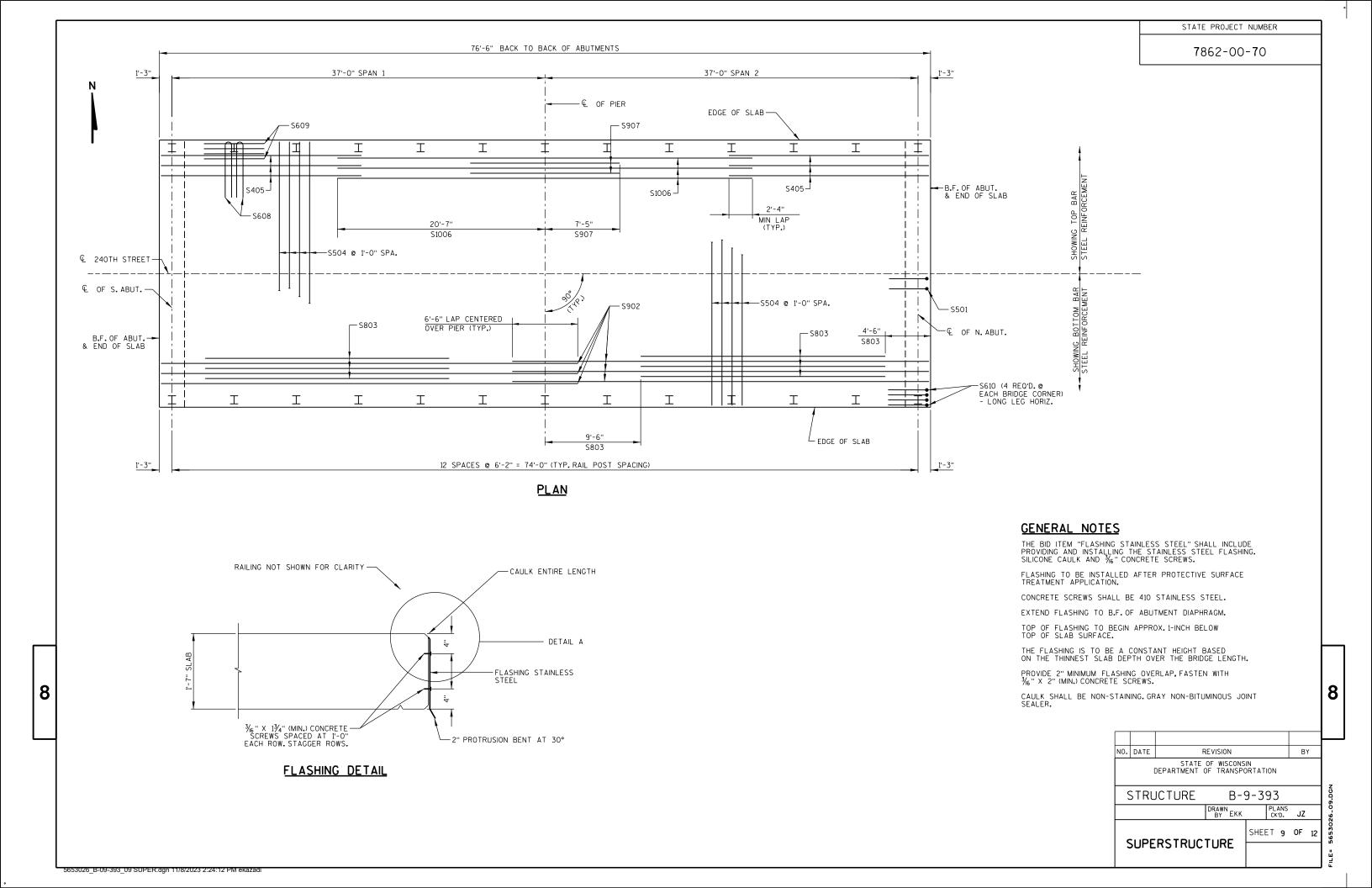


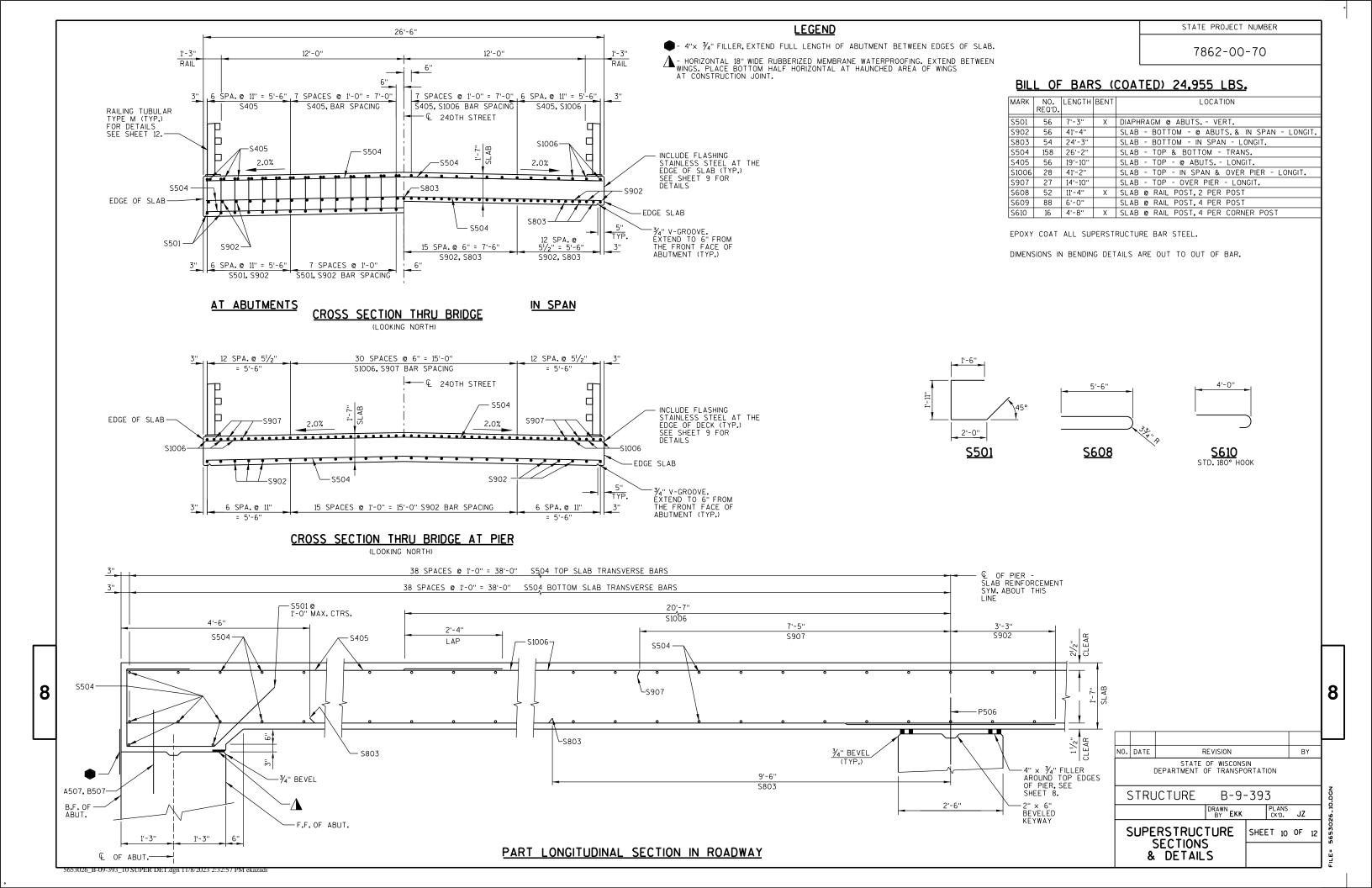












7862-00-70

37'-0" SPAN 1 37-0" SPAN 2 <--CAMBER P. ≪SLAB THICKNESS

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 CENTER LINE FOLLOW THIS PROCEDURE:

TOP OF SLAB ELEVATION AT FINAL GRADE SLAB THICKNESS CAMBER

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

EQUALS TOP OF SLAB FALSEWORK ELEVATION.

SURVEY TOP OF SLAB ELEVATIONS

	S. ABUTMENT	5/10 PT.	PIER	5/10 PT.	N. ABUTMENT
E.EDGE OF SLAB					
CROWN OR &					
W. EDGE OF SLAB					

PRIOR TO RELEASING SLAB FALSEWORK, TAKE TOP OF SLAB ELEVATIONS AT THE Q. OF ABUTMENTS, THE Q. OF PIERS AND AT 5/10 PTS. TO VERIFY CAMBER. TAKE ELEVATIONS ALONG EDGE OF SLAB AND CROWN OR Q. RECORD THE ELEVATIONS IN THE ABOVE TABLE FOR THE "AS BUILT" PLANS.

TOP OF SLAB ELEVATIONS

	SOUTH ABUT.	1/10	2/10	3/10	4/10	5/10	6/10	7/10	8/10	9/10	PIER 1	1/10	2/10	3/10	4/10	5/10	6/10	7/10	8/10	9/10	NORTH ABUT.
E. EDGE OF SLAB	943.67	943.68	943.68	943.69	943.70	943.71	943.72	943.72	943.73	943.74	943.75	943.76	943.76	943.77	943.78	943.79	943.80	943.80	943.81	943.82	943.83
C/L 240TH STREET	943.93	943.94	943.95	943.96	943.97	943.97	943.98	943.99	944.00	944.01	944.01	944.02	944.03	944.04	944.05	944.05	944.06	944.07	944.08	944.09	944.09
W. EDGE OF SLAB	943.67	943.68	943.68	943.69	943.70	943.71	943.72	943.72	943.73	943.74	943.75	943.76	943.76	943.77	943.78	943.79	943.80	943.80	943.81	943.82	943.83

NOTES

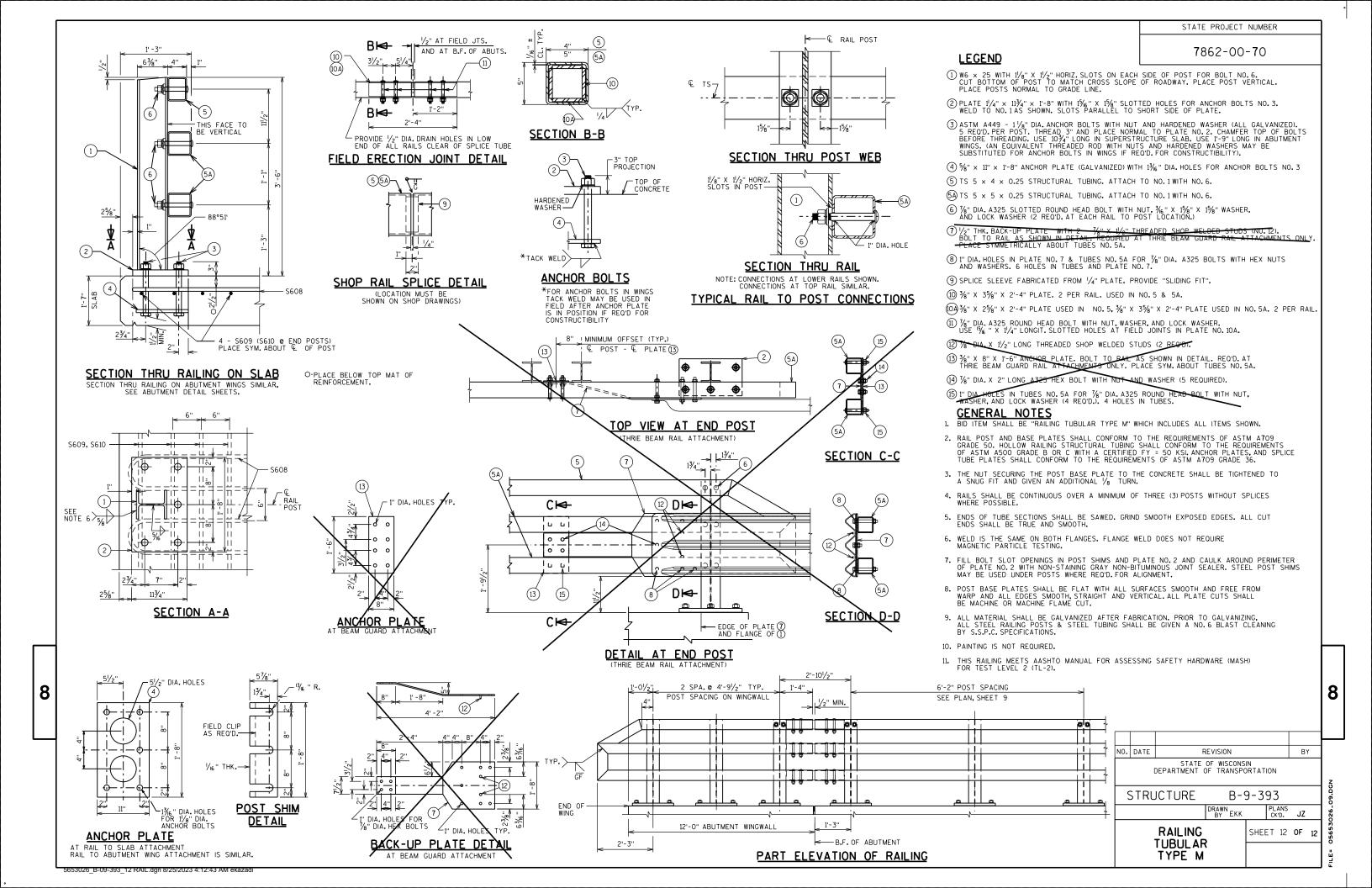
FILL IN THE TABLE OF "SURVEY TOP OF SLAB ELEVATIONS" FOR EACH SPAN ON ASBUILTS PLANS.

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

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

-				REVISION			_	
۱۰۰۱	DATE		BY					
	[DEPAF		OF WISCONS OF TRANSPO		ION		
5	STRL	JCT	URE	B-9-39	3			
				DRAWN BY	EKK	PLANS CK'D.	JZ	
	SLA	4B	CAM	BER	SHE	ET 11 (DF 12	

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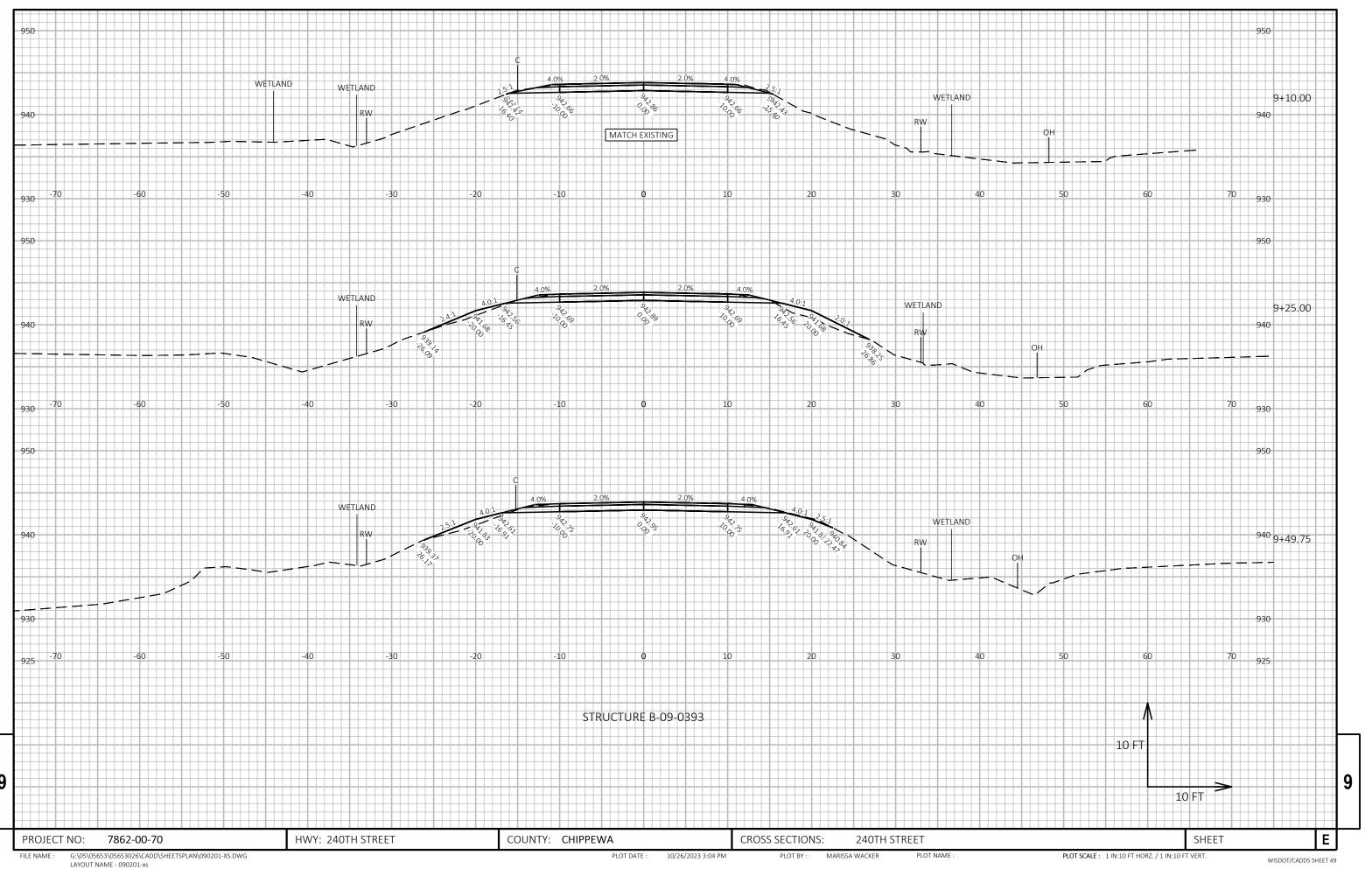


PROJECT I.D. 7862-00-70 EARTHWORK SUMMARY

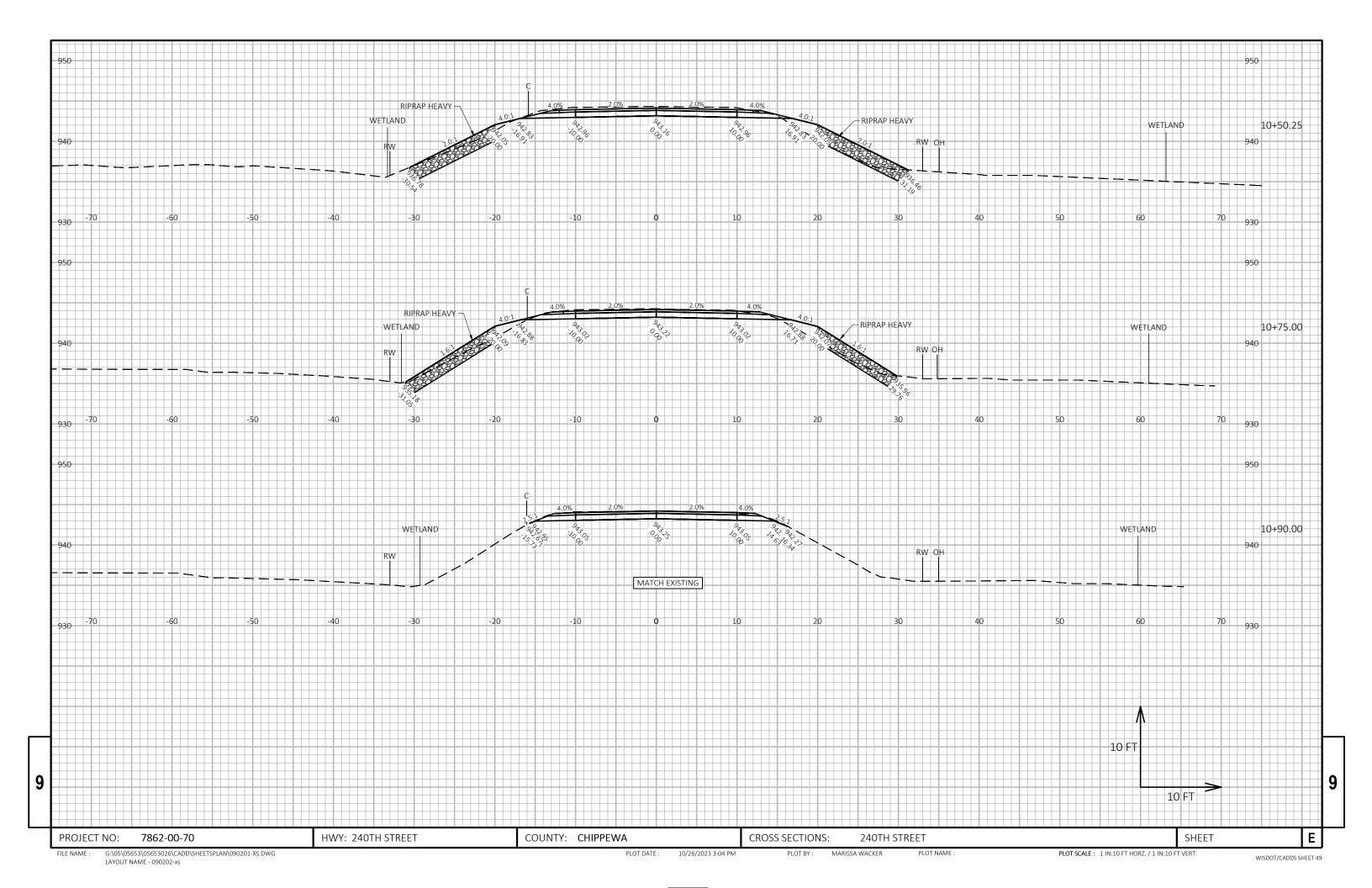
	EXCAVATION	EXCAVATION		EXPANDED		
	COMMON	ROCK	FILL (1)	FILL (2)	WASTE	BORROW
STA	CY	CY	CY	CY	CY	CY
9+10.00						
	15	0	3	4	11	-11
9+25.00						
	25	0	6	8	17	-17
9+49.75						
STRUCTURE B-09	-0393					
10+50.25						
	29	0	31	40	-11	11
10+75.00						
	15	0	11	14	1	-1
10+90.00						
SUBTOTALS	84	0	51	66	18	-18
UNUSABLE						24
PAVEMENT (3)						24
	84	0	51	66	18	l 6

HWY: 240TH STREET COUNTY: CHIPPEWA SHEET E PROJECT NO: 7862-00-70 EARTHWORK DATA FILE NAME : G:\05\05653\05653026\CADD\SHEETSPLAN\090101-EW.DWG LAYOUT NAME - 01

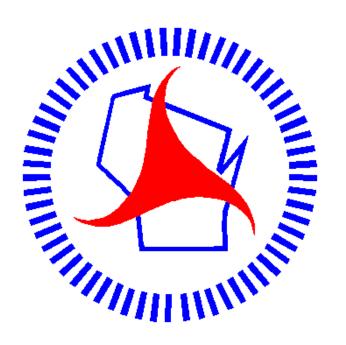
PLOT SCALE : 1" = 1' PLOT DATE : 10/26/2023 2:56 PM PLOT BY: MARISSA WACKER PLOT NAME : WISDOT/CADDS SHEET 49



LAYOUT NAME - 090201-xs



Notes



Wisconsin Department of Transportation

Dedicated people creating transportation solutions through innovation and exceptional service.

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