



Wisconsin Department of Transportation

Division of Transportation Systems Development

Bureau of Project Development
4822 Madison Yards Way, 4th Floor South
Madison, WI 53705

December 7, 2023

Telephone: (608) 266-1631
Facsimile (FAX): (608) 266-8459

NOTICE TO ALL CONTRACTORS:

Proposal #09: 5992-11-11, WISC 2024060
C of Madison, Autumn Ridge Path
Milwaukee Street to Ziegler Road
Non Hwy
Dane County

Letting of December 12, 2023

This is Addendum No. 01, which provides for the following:

Special Provisions:

Revised Special Provisions	
Article No.	Description
8	Referenced Construction Specifications
20	Prefabricated Steel Truss Pedestrian Bridge LRFD B-13-898, Item 506.8006.S.01
29	Adjusting Sanitary Manhole Cover, Item SPV.0060.02

Schedule of Items:

Revised Bid Item Quantities					
Bid Item	Item Description	Unit	Proposal Total Prior to Addendum	Proposal Quantity Change (-)	Proposal Total After Addendum
204.0155	Removing Concrete Sidewalk	SY	32	125	157
208.0100	Borrow	CY	347	784	1131
514.0445	Floor Drains Type GC Modified	EACH	1	1	2

Plan Sheets:

Revised Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
24	Erosion Control (revised riprap location)
42	Miscellaneous Quantities (revised removing concrete sidewalk and earthwork schedules)
174	Quantities & Notes (revised bid item quantity)
214	Railing Tubular Screening Details (revised anchorage embedment depth)
215	Railing Tubular Screening Details (revised anchorage embedment depth)
219	Floor Drain Type 'GC' (modified grate to be ADA compliant)
225	Cantilever Truss Footing (revised dimensions of the sign structure anchor bolts)
229	Cantilever Truss Footing (revised dimensions of the sign structure anchor bolts)

The responsibility for notifying potential subcontractors and suppliers of these changes remains with the prime contractor.

Sincerely,

Mike Coleman

Proposal Development Specialist
Proposal Management Section

ADDENDUM NO. 01

5992-11-11

December 7, 2023

Special Provisions

8. Referenced Construction Specifications

Replace paragraph one with the following:

Construct the work enumerated below conforming to the City of Madison Standard Specifications for Public Works Construction, 2023 Edition. If there is a discrepancy or conflict between the referenced specification and the standard specifications regarding contract administration, part 1 of the standard specifications governs.

20. Prefabricated Steel Truss Pedestrian Bridge LRFD B-13-898, Item 506.8006.S.01.

Replace the last paragraph under section titled E Payment with the following:

Payment is full compensation for designing, manufacturing, transporting and erecting the pedestrian bridge; and furnishing bearing plates, pads, bolts, anchors bolts, concrete masonry, Concrete QMP, and grout. The department will pay separately for painting under the Painting Epoxy System Steel Truss (structure) bid item.

29. Adjusting Sanitary Manhole Cover, Item SPV.0060.02.

Replace the entire article language with the following:

A Description

Work under this item includes adjusting sanitary manhole covers and providing new concrete or HPDE adjustment rings.

B Materials

Provide precast manhole adjustment rings meeting the requirements of Article 507.3, as well as Standard Detail Drawing 5.7.2, 5.7.15, and 5.7.16 of the City of Madison Standard Specifications.

C Construction

Adjust existing sanitary manhole covers, including frames and lids, to the required elevation. Remove the existing casting and reinstall the casting. Support the casting on new concrete or HPDE adjustment rings.

Refer to manufacturer's installation recommendations for ring installation and procedures.

Adjustment items allow for a final ring adjustment range between 3 inches and 9 inches.

D Measurement

The department will measure Adjusting Sanitary Manhole Cover as each individual adjusting sanitary manhole cover, acceptably completed.

E Payment

The department will pay for measured quantities at the contract unit price under the following bid items:

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.02	Adjusting Sanitary Manhole Cover	EACH

Payment is full compensation for providing required materials, exclusive of frames or lids available and designated for adjusting; and for removing, reinstalling and adjusting the covers, and all other work incidental to the adjustment of sanitary manhole covers. Replace covers rendered unusable by the contractor's operations.

Schedule of Items

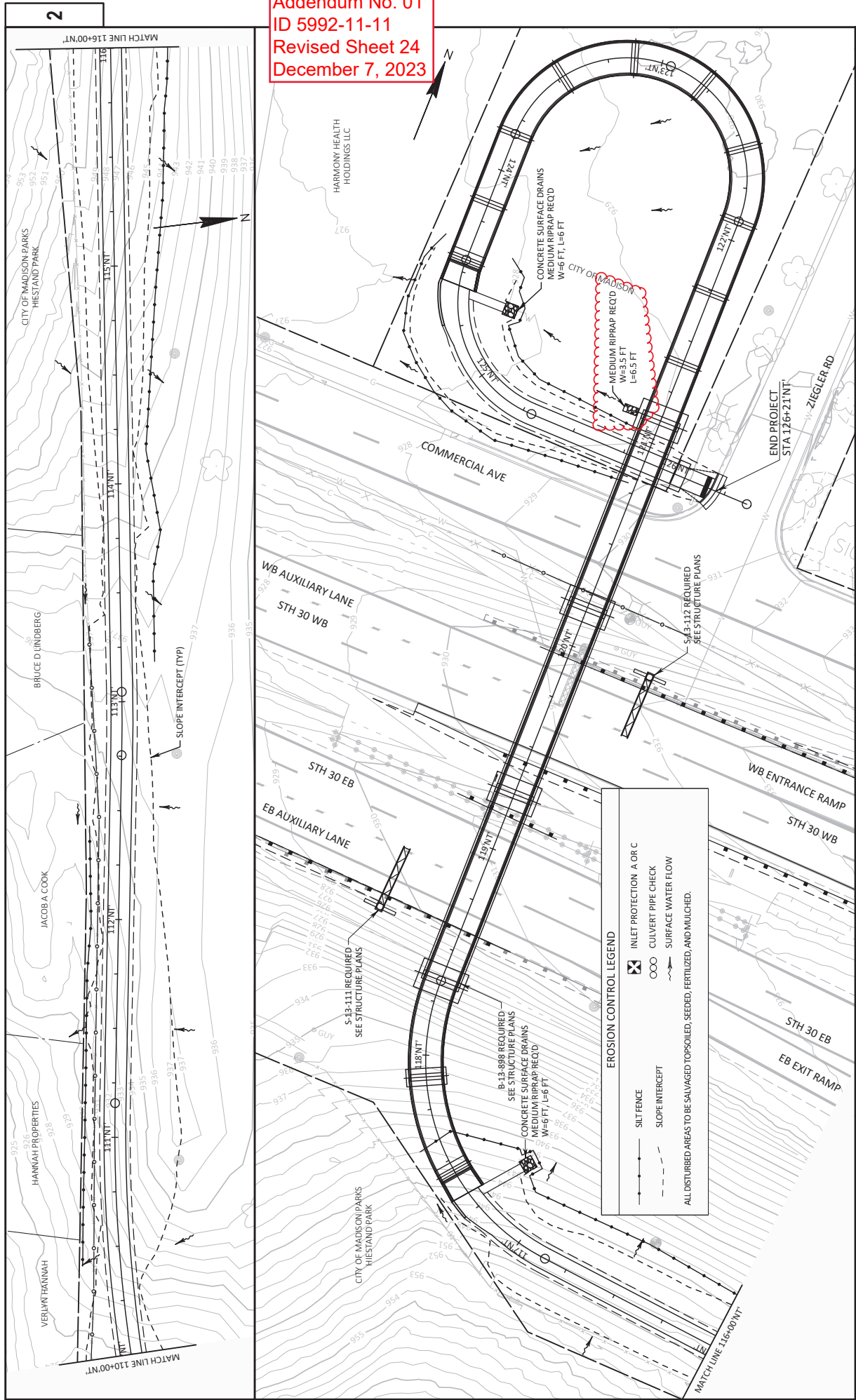
Attached, dated December 7, 2023, are the revised Schedule of Items Pages 1 and 2.

Plan Sheets

The following 8½ x 11-inch sheets are attached and made part of the plans for this proposal:
Revised: 24, 42, 174, 214, 215, 219, 225, 229.

END OF ADDENDUM

Addendum No. 01
 ID 5992-11-11
 Revised Sheet 24
 December 7, 2023



EROSION CONTROL LEGEND

- SILT FENCE
- SLOPE INTERCEPT
- INLET PROTECTION A OR C
- CULVERT PIPE CHECK
- SURFACE WATER FLOW

ALL DISTURBED AREAS TO BE SALVAGED, TOPSOILED, SEEDED, FERTILIZED, AND MULCHED.

2

2

FILE NAME: P:\WORK\MADIS\151768\CD\MADIS 151768\SheetPlan\SEC.02_Typ_Sec.8_Detail\022000.ec (Erosion Control).dwg
 PLOT DATE: 12/17/2023 8:04 AM
 LAYOUT NAME: 04
 PLOT BY: SEH
 PLOT SCALE: 1.0 IN. = 40.0 FT.

<p>ALL ITEMS ARE PART OF CATEGORY 0040 UNLESS OTHERWISE NOTED</p> <p style="text-align: center;">204.0110 REMOVING ASPHALTIC SURFACE</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>STATION</th> <th>LOCATION</th> <th>SY</th> </tr> <tr> <td>299+24 'WB' - 303+70 'WB'</td> <td>LT & RT</td> <td>200</td> </tr> <tr> <td colspan="3" style="text-align: right;">PROJECT TOTAL</td> </tr> </table>	STATION	LOCATION	SY	299+24 'WB' - 303+70 'WB'	LT & RT	200	PROJECT TOTAL			<p style="text-align: center;">204.0155 REMOVING CONCRETE SIDEWALK</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>STATION</th> <th>LOCATION</th> <th>SY</th> </tr> <tr> <td>25+32'ST' - 27+05 'ST'</td> <td>L7/RT</td> <td>16</td> </tr> <tr> <td>99+83 'NT'</td> <td>L7/RT</td> <td>20</td> </tr> <tr> <td>126+20 'NT'</td> <td>L7/RT</td> <td>13</td> </tr> <tr> <td colspan="3" style="text-align: right;">ITEM TOTALS</td> </tr> <tr> <td colspan="2"></td> <td style="text-align: right;">52</td> </tr> </table>	STATION	LOCATION	SY	25+32'ST' - 27+05 'ST'	L7/RT	16	99+83 'NT'	L7/RT	20	126+20 'NT'	L7/RT	13	ITEM TOTALS					52	<p style="text-align: center;">211.0101 PREPARE FOUNDATION FOR ASPHALTIC PAVING (5992-11-11)</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>STATION</th> <th>PROJECT LENGTH</th> <th>EACH</th> </tr> <tr> <td></td> <td></td> <td>1</td> </tr> <tr> <td colspan="2" style="text-align: right;">PROJECT TOTAL</td> <td>1</td> </tr> </table>	STATION	PROJECT LENGTH	EACH			1	PROJECT TOTAL		1
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<p>601.0411 CONCRETE CURB & GUTTER 30-INCH TYPE D</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>STATION</th> <th>LOCATION</th> <th>LF</th> </tr> <tr> <td>26+89 'ST'</td> <td>L7/RT</td> <td>16</td> </tr> <tr> <td>99+84 'NT'</td> <td>L7/RT</td> <td>20</td> </tr> <tr> <td>126+00 'NT'</td> <td>L7/RT</td> <td>16</td> </tr> <tr> <td>4+00 'TD'</td> <td>RT</td> <td>20</td> </tr> <tr> <td colspan="2" style="text-align: right;">PROJECT TOTAL</td> <td>72</td> </tr> </table>	STATION	LOCATION	LF	26+89 'ST'	L7/RT	16	99+84 'NT'	L7/RT	20	126+00 'NT'	L7/RT	16	4+00 'TD'	RT	20	PROJECT TOTAL		72	<p>602.0410 CONCRETE SIDEWALK 5-INCH</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>STATION</th> <th>LOCATION</th> <th>SF</th> </tr> <tr> <td>198+00 'EB'</td> <td>2.00' LT</td> <td>20</td> </tr> <tr> <td>304+00 'WB'</td> <td>2.00' RT</td> <td>20</td> </tr> <tr> <td>195+25 'EB'</td> <td>41.00' RT</td> <td>20</td> </tr> <tr> <td>304+36.32 'WB'</td> <td>55.78' LT</td> <td>80</td> </tr> <tr> <td colspan="2" style="text-align: right;">PROJECT TOTAL</td> <td>140</td> </tr> </table>	STATION	LOCATION	SF	198+00 'EB'	2.00' LT	20	304+00 'WB'	2.00' RT	20	195+25 'EB'	41.00' RT	20	304+36.32 'WB'	55.78' LT	80	PROJECT TOTAL		140	<p>603.8000 CONCRETE BARRIER TEMPORARY PRECAST DELIVERED</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>STATION TO STATION</th> <th>LOCATION</th> <th>LF</th> <th>REMARKS</th> </tr> <tr> <td>198+00 'EB' - 204+00 'EB'</td> <td>LT</td> <td>600</td> <td>STAGE 1</td> </tr> <tr> <td>298+75 'WB' - 304+00 'WB'</td> <td>RT</td> <td>525</td> <td>STAGE 1</td> </tr> <tr> <td>195+25 'EB' - 200+64 'EB'</td> <td>LT</td> <td>550</td> <td>STAGE 2</td> </tr> <tr> <td>299+16 'WB' - 304+36 'WB'</td> <td>RT</td> <td>525</td> <td>STAGE 2</td> </tr> <tr> <td colspan="2" style="text-align: right;">PROJECT TOTAL</td> <td>2200</td> <td></td> </tr> </table>	STATION TO STATION	LOCATION	LF	REMARKS	198+00 'EB' - 204+00 'EB'	LT	600	STAGE 1	298+75 'WB' - 304+00 'WB'	RT	525	STAGE 1	195+25 'EB' - 200+64 'EB'	LT	550	STAGE 2	299+16 'WB' - 304+36 'WB'	RT	525	STAGE 2	PROJECT TOTAL		2200	
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Addendum No. 01
ID 5992-11-11
Revised Sheet 174
December 7, 2023

BID ITEM NUMBER	BID ITEMS	UNIT	SOUTH ABUT	PIER 1	PIER 2	PIER 3	PIER 4	PIER 5	PIER 6	PIER 7	PIER 8	PIER 9	PIER 10	PIER 11	PIER 12	PIER 13	PIER 14	NORTH ABUT	SUPER	TOTALS
206.001	EXCAVATION FOR STRUCTURES BRIDGES B-13-898	EACH																		1
209.000	EXCAVATION FOR STRUCTURES BRIDGES B-13-898	TON	150	42																192
210.000	GRANULAR BACKFILL GRADE 1	TON	120																	239
502.000	BACKFILL STRUCTURE TYPE A	CY	40	40	100	95	105	90	35	30	25	25	20	20	20	20	20	40	495	1,235
502.301	CONCRETE MASONRY BRIDGES	LF	4	14	14	14	14	14												84
502.320	EXPANSION DEVICE	SY	4																	4
502.320	PROTECTIVE SURFACE TREATMENT	SY	4																	4
505.0400	BAR STEEL REINFORCEMENT HS STRUCTURES	LB	390	420	1,980	1,980	1,980	1,980	1,570	1,370	1,300	1,140	1,000	940	980	760	720	530	1,119	11,27
505.0400	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	LB	3,130	6,440	15,120	15,800	14,650	30	30											19,050
506.2605	BEARING PADS ELASTOMERIC NON-LAMINATED	EACH	1																	63,390
506.8006.S	PREFABRICATED STEEL TRUSS PEDESTRIAN BRIDGE B-13-898 LIFTD	EACH																		139,160
511.200	TEMPORARY SHORING B-13-898	SF				504	572													1,076
513.0031	RAILING TUBULAR SCREENING B-13-898	LF																		552
513.0006	RAILING STEEL PEDESTRIAN TYPE C1	LF																		890
514.0445	FLOOR DRAINS TYPE CC- 400DFEVA	EACH																		35
514.2608	DOWNPOUT 8-INCH	LF						35												8
514.2625	DOWNPOUT 6-INCH	LF						8												12
516.0500	RUBBERIZED MEMBRANE WATERPROOFING	SY	6																	1
517.0500	PAINTING EPOXY SYSTEM STEEL TRUSS B-13-898	EACH																		1
517.0500.S.001	CONCRETE STAINING B-13-898	SF	132	351	915	891	974	760	646	507	504	428	370	311	288	222	204	132		7,635
517.0505.S.001	ARCHITECTURAL SURFACE TREATMENT B-13-898	SF	47	245	768	744	827	613	540	401	398	322	264	205	182	116	98	47		5,817
550.000	PILING STEEL HP 10-INCH X 42 LB	LF		210	210	210	210	210	140	140	140	140	140	140	140	140	140	210		2,310
612.0406	PIPE UNDERDRAIN WRAPPED 6-INCH	LF	70																	140
652.0125	CONDUIT RIGID METALLIC 2-INCH	LF																		300
653.0220	JUNCTION BOXES 18X6X6-INCH	EACH																		4
	NON-BID ITEMS																			
	FILLER	SIZE																		1/2" & 3/4"
	NAMEPLATE	EACH	1																	1
	BENCHMARK	EACH	1																	1
	BRIDGE SEAT PROTECTION	LS																		1

① NON-PARTICIPATING ITEM (000X CITY FUNDED)

QUANTITY NOTES

PROTECTIVE SURFACE TREATMENT TO BE APPLIED TO THE ENTIRE TOP OF SLAB SURFACE TOP OF WINGS, THE TOP AND FRONT FACE OF THE CURBS, THE PAVING NOTCHES, AND THE TOP OF CONCRETE APPROACH SLABS. THIS INCLUDES THE DECK ON THE TRUSS SPANS.

SEE SPECIFICATIONS.

ITEM "CONCRETE STAINING B-13-898" SHALL BE USED TO COLOR THE FOLLOWING SURFACES:
THE EDGE OF THE DECK, THE PIERS, ABUTMENTS AND WINDOW WALLS EXPOSED SURFACES AND THE CURBS ON THE DECK. THE COLOR SHALL BE AS SHOWN IN THE COLOR CHART. THE COLOR SHALL BE ANSI STANDARD 8594, COLOR #6622 (PEARL GRAY).

BRIDGE SEAT PROTECTION TO BE APPLIED TO SUBSTRUCTURE SEATS BELOW EXPANSION JOINTS.

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

SEE ROADWAY PLANS FOR EXISTING UTILITY LOCATIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING UTILITIES. ALL UTILITIES TO REMAIN IN SERVICE; COORDINATE WITH UTILITY COMPANIES.

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

THE FIRST OR FIRST TWO DIGITS OF THE BAR MARK SIGNIFIES THE BAR SIZE.

PROVIDE A 3/4" CHAMFER ON ALL ABOVE GRADE CORNERS.

ELASTOMERIC BEARING PADS NEED NOT BE INDIVIDUALLY MOLDED PROVIDED THE CUT EDGES ARE SMOOTH AND TRUE.

THE SLOPE OF THE FILL IN FRONT OF THE ABUTMENTS SHALL BE COVERED WITH ELASTOMERIC BEARING PADS. THE SLOPE OF THE FILL IN FRONT OF THE ABUTMENTS SHALL BE COVERED WITH ELASTOMERIC BEARING PADS AND SHOWN ON THE ROADWAY PLANS. SEE ROADWAY PLANS FOR FINISHED GRADING, MATERIALS AND QUANTITIES.

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

SEAL ALL EXPOSED HORIZONTAL AND VERTICAL SURFACES OF 1/2" FILLER WITH ASPHALTIC JOINT SEALER (1" DEEP & HOLD 1/8" BELOW SURFACE OF CONCRETE).

IN ADDITION TO VERTICAL DESIGN LOADS INDICATED, DECK AND CURBS ON THE PEDESTRIAN BRIDGES SHALL BE DESIGNED TO SUPPORT LIVE LOADS PER THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS.

STEEL TRUSS TO BE PAINTED FEDERAL COLOR #76622 (PEARL GRAY).

RAILING TO BE PAINTED FEDERAL COLOR #27039 (BLACK).

CONCRETE DECK AND REINFORCEMENT, CURBS, BEARINGS AND ANCHOR BOLTS ARE INCLUDED IN THE BID ITEM "PREFABRICATED STEEL TRUSS PEDESTRIAN BRIDGE B-13-898 LIFTD".

AT ABUTMENTS, ALL SPACES EXCAVATED AND NOT OCCUPIED BY THE NEW STRUCTURE SHALL BE BACKFILLED WITH STRUCTURE BACKFILL UNLESS OTHERWISE NOTED.

JOINT FILLER SHALL CONFORM TO THE REQUIREMENTS OF AASHTO DESIGNATION M163 TYPE 1, 2, OR 3 OR AASHTO DESIGNATION M215.

THE EXISTING GROUNDLINE SHALL BE THE UPPER LIMITS OF EXCAVATION FOR STRUCTURES.

ALL DIMENSIONS ARE IN FEET AND INCHES UNLESS OTHERWISE NOTED.

ALL STATIONS AND ELEVATION ARE IN FEET. ELEVATIONS ARE REFERENCE TO THE NAVD 88 (2007) DATUM.

TRUSSES SHALL BE DESIGNED AS SIMPLE SPANS.

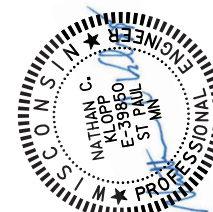
TRUSS SPANS SHALL BE CAMBERED IN ACCORDANCE WITH THE SPECIAL PROVISIONS. THE TRUSS SHALL BE ANCHORED TO THE PIERS IN A MANNER TO ALLOW THERMAL MOVEMENT OF THE SUPERSTRUCTURE PERPENDICULAR TO THE R/L.

PREVENT HORIZONTAL TRANSLATION OF THE SUPERSTRUCTURE ALONG THE R/L.

TRUSS AND CONCRETE DECK SHALL BE DESIGNED TO ACCOMMODATE A 4" STRIP SEAL JOINT AT PIERS 2 THRU 5. THE TRUSS FABRICATOR SHALL COORDINATE WITH THE JOINT MANUFACTURER TO OBTAIN NECESSARY JOINT AND ANCHORAGE DETAILS.

THE CONCRETE DECK ON THE PREFABRICATED TRUSSES SHALL BE DESIGNED AND REINFORCED TO SUPPORT DEAD AND LIVE LOADS WITHOUT CONTRIBUTION FROM THE DECK FORMING SYSTEM.

REINFORCEMENT IN THE CONCRETE DECK ON THE PREFABRICATED TRUSSES SHALL BE EPOXY COATED.



Nathan C. Klopp
12/06/23

11/30/2023

1	12/07/23	NAME AND QUANTITY	C&B
NO.	DATE	REVISION	BY
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION STRUCTURES DESIGN SECTION			
STRUCTURE		B-13-898	NCK
DRAWN BY		NCM/RAD	PLANS
SHEET		5	OF 52
QUANTITIES & NOTES		174	

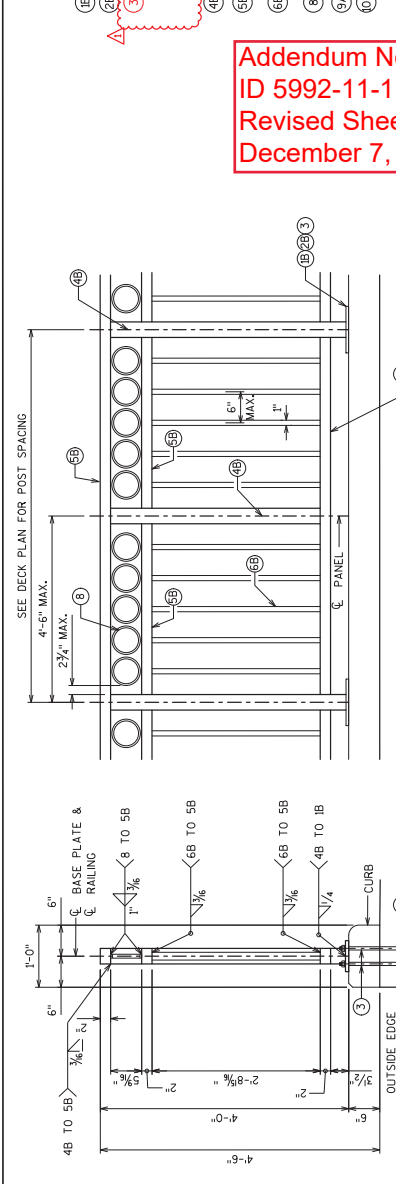
LEGEND

- (1B) PLATE $\frac{5}{16}$ " X 6" X 10" WITH $\frac{3}{4}$ " X $\frac{1}{2}$ " SLOTTED HOLES.
- (2B) $\frac{1}{4}$ " X 5" X 9" ANCHOR PLATE WITH $\frac{1}{4}$ " DIA. HOLES FOR THRD. RODS NO. 3.
- (3) $\frac{3}{4}$ " DIA. X $13\frac{1}{2}$ " LONG, TYPE 316 STAINLESS STEEL THREADED RODS (MIN. TENSILE STRENGTH = 70 KSI) WITH NUTS AND WASHERS OF SAME ALLOY GROUP. ALL ANCHORS SHALL BE EMBEDDED IN CONCRETE TO THE FULL DEPTH. ADHESIVE ANCHORS SHALL CONFORM TO SECTION 502.2.12 OF THE STANDARD SPECIFICATIONS.
- (4B) STRUCTURAL TUBING 3" X 3" X $\frac{3}{16}$ " PLATE VERTICAL, WELD TO NO. 1 & 5.
- (5B) STRUCTURAL TUBING 3" X 2" X $\frac{3}{16}$ " RAILS, WELD TO NO. 1 & NO. 4, INSIDE OF TUBE TO BE PAINTED AT ALL FIELD ERECTION & EXPANSION JOINTS.
- (6B) BAR 1" X $\frac{1}{2}$ " PICKETS, WELD TO NO. 5. (SPACE AT 6" MAX. @ TO & SPACING) PLACE VERTICAL.
- (7) STRUCTURAL TUBING 5" DIA. (STANDARD SIZE) 16.563" O.D. 1/2" LONG SLICES, WELD TO NO. 5A.
- (9A) RECTANGULAR SLEEVE FABRICATED FROM $\frac{3}{8}$ " PLATES, PROVIDE "SLIDING FIT".
- (9B) RECTANGULAR SLEEVE FABRICATED FROM $\frac{3}{8}$ " PLATES, (1'-4" @ FIELD ERECTION JTS.) (1'-8" @ STMP SEAL EXP. JTS.)

NOTES

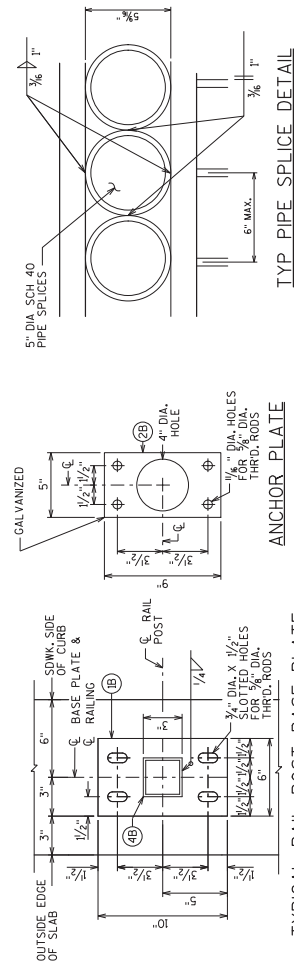
- ALL PLATES, BARS AND RECTANGULAR SLEEVES SHALL CONFORM TO ASTM A709 GRADE 36. ALL STRUCTURAL TUBING SHALL CONFORM TO ASTM A500 GRADE B.
- RAILING SHALL BE FABRICATED IN LENGTHS THAT INCLUDE 3 OR 4 POSTS.
- BID ITEM SHALL BE "RAILING STEEL TYPE C", WHICH SHALL INCLUDE ALL STEEL ITEMS SHOWN.
- POST BASE 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 CUTS.
- ANCHORAGES SHALL BE ACCURATELY PLACED TO PROVIDE CORRECT ALIGNMENT OF RAILING. SET NORMAL TO GRADE.
- CUT BOTTOM OF POST TO MAKE POST VERTICAL IN BOTH TRANSVERSE AND LONGITUDINAL DIRECTION.
- STEEL SHIMS SHALL BE PROVIDED & USED UNDER BASE PLATES WHERE REQUIRED FOR ALIGNMENT, AND SHALL BE GALVANIZED.
- CALLK AROUND PERIMETER OF BASE PLATES, NO. 1, AND FILL BOLT SLOT OPENINGS IN SHIMS AND BASE PLATES WITH NON-STAINING GRAY NON-BITUMINOUS JOINT SEALER.
- ALL JOINTS AND RECESSES IN CONCRETE PARAPET ARE TO BE VERTICAL.
- ALL MATERIAL (EXCEPT NO. 3 & 12) SHALL BE GALVANIZED AFTER FABRICATION. PRIOR TO GALVANIZING, THE STEEL RAILING SHALL BE GIVEN A NO. 6 BLAST CLEANING PER SSPC SPECIFICATIONS. PAINT OVER GALVANIZING WITH AN APPROVED CONCRETE REPAIR FILLER. ALL SURFACES SHALL BE PAINTED FEDERAL COLOR #27039 (BLACK).
- VENT HOLES SHALL BE DRILLED IN POST AND RAIL MEMBERS AS REQUIRED TO FACILITATE GALVANIZING AND DRAINAGE.
- TOUCHUP PAINTING TO BE DONE AT COMPLETION OF STEEL RAILING INSTALLATION TO THE SATISFACTION OF THE ENGINEER AT NO EXTRA COST.

Addendum No. 01
ID 5992-11-11
Revised Sheet 214
December 7, 2023



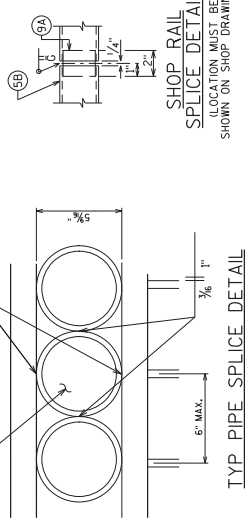
SECTION THRU CURB ON BRIDGE

TYPICAL ELEVATION RAILING ON CURB



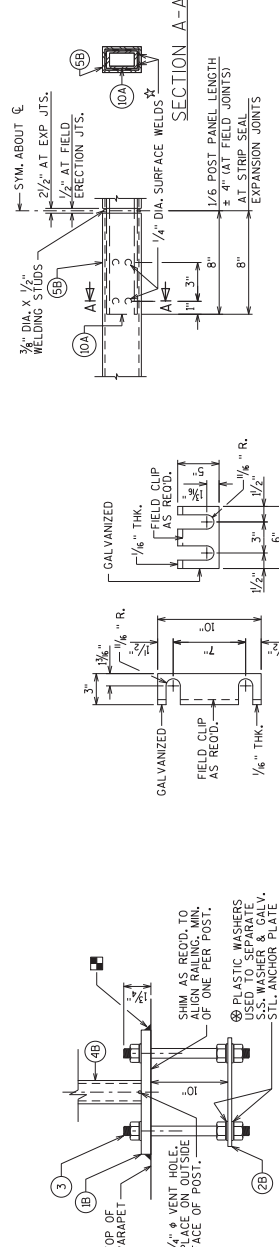
ANCHOR PLATE

TYPICAL RAIL POST BASE PLATE



SHOP RAIL SPLICE DETAIL

TYPICAL PIPE SPLICE DETAIL

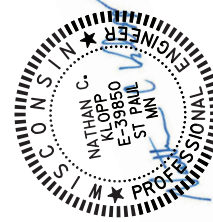


RAIL POST SHIM DETAIL

FIELD ERECTION JOINT DETAIL

NOTE: ANCHOR PLATE NOT REQUIRED WHEN ADHESIVE ANCHORS ARE USED.

MIN. $\frac{5}{8}$ " FLAT SURFACE DIA. PUNCHINGS OR STUDS MAY BE USED AS AN ALTERNATE.

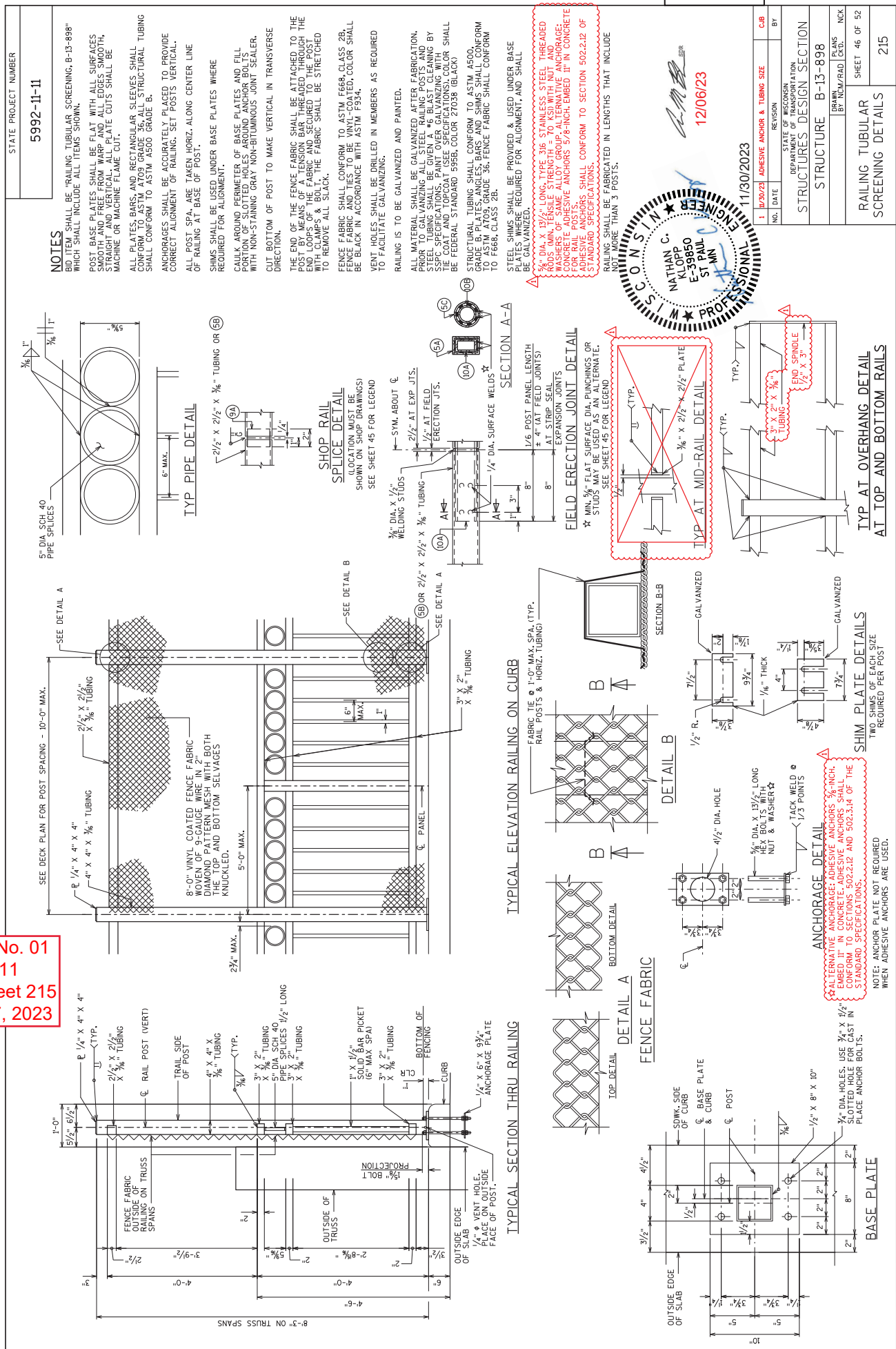


12/06/23

11/30/2023

1	12/06/23	ADHESIVE ANCHOR LENGTH	C&B
No.	DATE	REVISION	BY
STATE OF WISCONSIN REPAIRS DIVISION STRUCTURES DESIGN SECTION			
STRUCTURE		B-13-898	NCK
DRAWN BY		PLANS	
RAILING		TUBULAR/STEEL	
DETAILS		SHEET 46 OF 52	
		214	

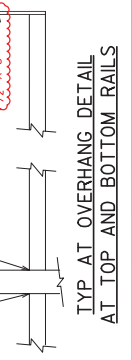
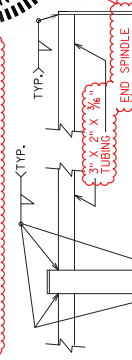
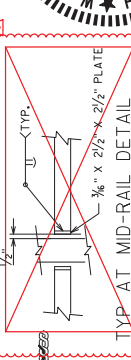
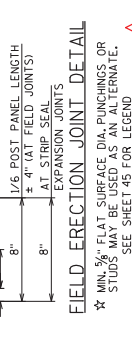
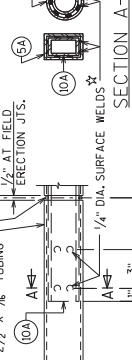
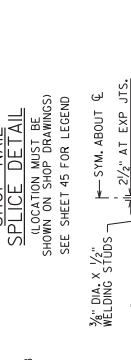
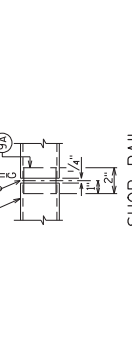
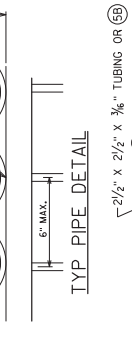
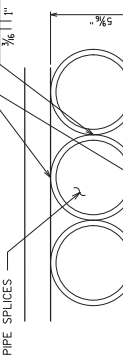
Addendum No. 01
 ID 5992-11-11
 Revised Sheet 215
 December 7, 2023



STATE PROJECT NUMBER
 5992-11-11

NOTES

BID ITEM SHALL BE "RAILING TUBULAR SCREENING, B-13-898" WHICH SHALL INCLUDE ALL ITEMS SHOWN.
 POST BASE PLATES SHALL BE FLAT WITH ALL SURFACES SMOOTH AND FREE FROM WARP AND ALL EDGES SMOOTH, MACHINE OR MACHINE FLAME CUT.
 ALL PLATES, BARS, AND RECTANGULAR SLEEVES SHALL CONFORM TO ASTM A500 GRADE B. ALL TUBULAR TUBING SHALL CONFORM TO ASTM A500 GRADE B. TUBULAR TUBING ANCHORAGES SHALL BE ACCURATELY PLACED TO PROVIDE CORRECT ALIGNMENT OF RAILING. SET POSTS VERTICAL.
 ALL POST SPA. ARE TAKEN HORIZ. ALONG CENTER LINE OF RAILING AT BASE OF POST.
 SHIMS SHALL BE USED UNDER BASE PLATES WHERE REQUIRED FOR ALIGNMENT.
 CAULK AROUND PERIMETER OF BASE PLATES AND FILL PORTION OF SLOTTED HOLES AROUND ANCHOR BOLTS WITH NON-STAINING GRAY NON-BITUMINOUS JOINT SEALER.
 CUT BOTTOM OF POST TO MAKE VERTICAL IN TRANSVERSE DIRECTION.
 THE END OF THE FENCE FABRIC SHALL BE ATTACHED TO THE POST BY MEANS OF A TENSION BAR THREADED THROUGH THE END OF POST & THE FABRIC AND SECURED TO THE POST TO REMOVE ALL SLACK.
 FENCE FABRIC SHALL CONFORM TO ASTM F668 CLASS 2B. FENCE FABRIC AND TIES TO BE VINYL-COATED, COLOR SHALL BE BLACK IN ACCORDANCE WITH ASTM F934.
 VENT HOLES SHALL BE DRILLED IN MEMBERS AS REQUIRED TO FACILITATE GALVANIZING.
 RAILING IS TO BE GALVANIZED AND PAINTED.
 ALL MATERIAL SHALL BE GALVANIZED AFTER FABRICATION. PRIOR TO GALVANIZING ALL STEEL RAILING POSTS AND BY SPECIFICATIONS. PAINT OVER GALVANIZING WITH THE COAT AND TOPCOAT (SEE SPECIFICATIONS). COLOR SHALL BE FEDERAL STANDARD 595B (BLACK).
 STRUCTURAL TUBING SHALL CONFORM TO ASTM A500, GRADE B, PLATES, ANGLES, BARS, AND SHIMS SHALL CONFORM TO ASTM A500 GRADE 36. FENCE FABRIC SHALL CONFORM TO F668, CLASS 2B.
 STEEL SHIMS SHALL BE PROVIDED & USED UNDER BASE PLATES REQUIRED FOR ALIGNMENT, AND SHALL BE GALVANIZED.
 3/4" DIA. X 13 1/2" LONG, TYPE 316 STAINLESS STEEL THREADED WASHERS OF SAME ALLOY GROUP, ALTERNATIVE ANCHORAGE: CONCRETE ADHESIVE ANCHORS 5/8-INCH EMBED 1" IN CONCRETE FOR THE POSTS. SHALL CONFORM TO SECTION 502.2.12 OF STANDARD SPECIFICATIONS.
 ALL DIMENSIONS BE INDICATED IN LENGTHS THAT INCLUDE NOT MORE THAN 3 POSTS.



PROFESSIONAL ENGINEER
 NATHAN C. KLOPP
 5-33850
 5T PAUL
 12/06/23

NO. DATE REVISION BY
 1 11/30/2023 ADHESIVE ANCHOR & TUBING SIZE CCB

STATE OF WISCONSIN
 REPAIRS TO EXISTING STRUCTURES DESIGN SECTION
 STRUCTURE B-13-898
 DRAWN BY NCM/RAD/CKD
 PLANS SHEET 46 OF 52
 RAILING TUBULAR SCREENING DETAILS 215

NOTES

ALL MATERIAL FOR TYPE 'GC' CASTING, EXCLUDING GRATE HOLD DOWN SCREWS, SHALL BE GRAY IRON CONFORMING TO ASTM A48, CLASS 30.

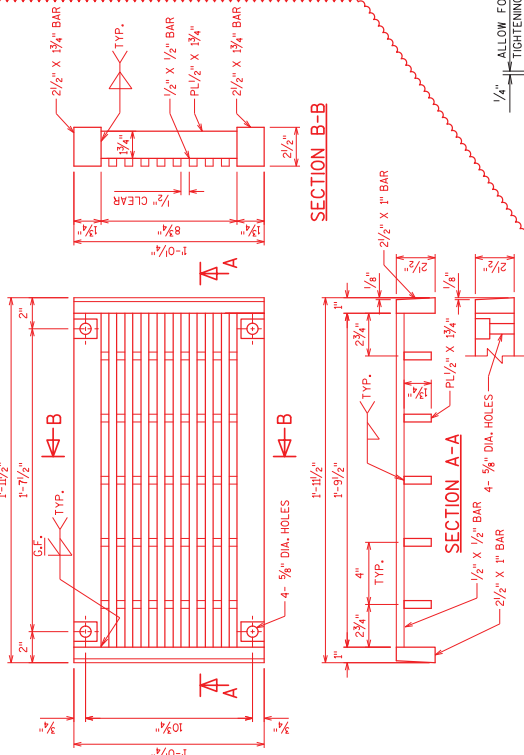
MATERIAL FOR BRACKETS AND GRATE SHALL CONFORM TO ASTM A53.

ALL MATERIAL FOR FLOOR DRAINS TO BE INCLUDED IN THE BID ITEM "FLOOR DRAINS TYPE GC", MODIFIED ALL MATERIAL FOR DOWNSPOUTS, DOWNSPOUT CONNECTIONS, AND BRACKETS TO BE INCLUDED IN THE BID ITEM "DOWNSPOUT 6-INCH".

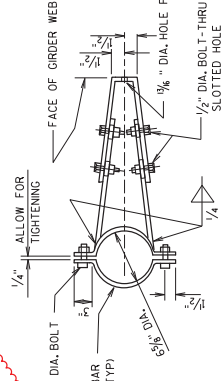
ALTERNATE BRACKETS ARE NOT ALLOWED.

FLANGED 6" DIA. DOWNSPOUTS SHALL BE RECEIVED THROUGH THE CURB USING PIPE (RFR) OR GALVANIZED STANDARD PIPE CONFORMING TO ASTM A53.

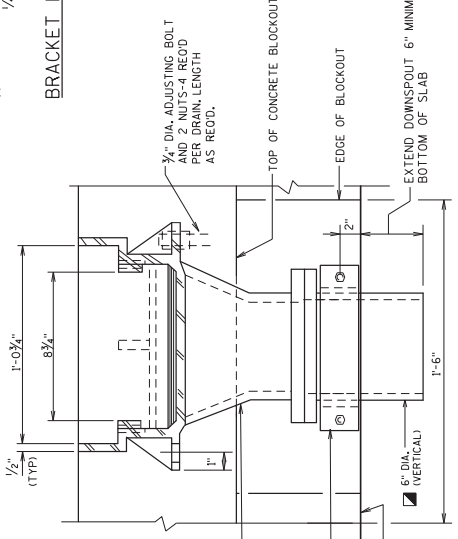
ALL MATERIALS SHALL BE MADE WITH LOW HYDROGEN ELECTRODES. PRIOR TO GALVANIZING A NO. 6 BLAST CLEANING IS RECD.



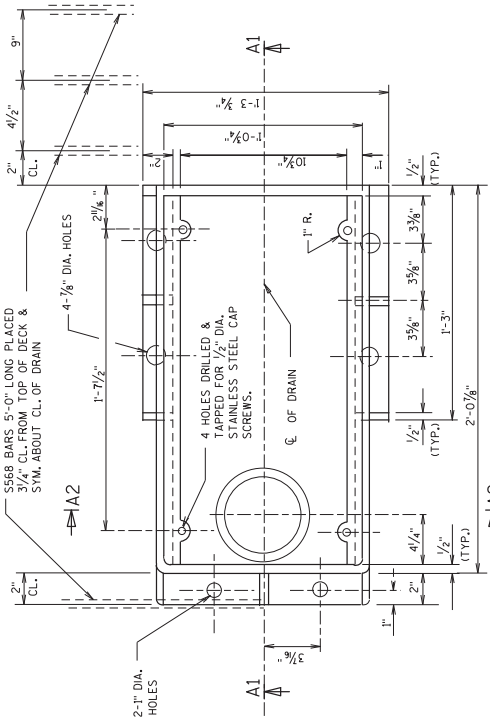
GRATE DETAIL ATTACH GRATE TO FRAME FOR SHIPMENT



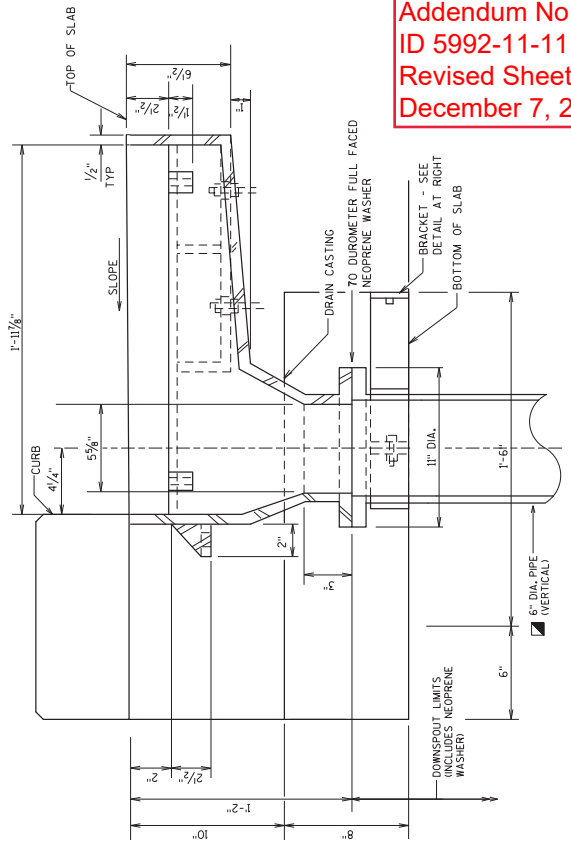
BRACKET DETAIL



SECTION A2

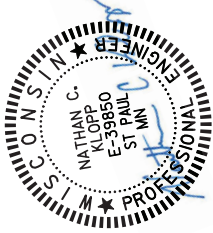


PLAN



SECTION A1

Addendum No. 01 ID 5992-11-11 Revised Sheet 219 December 7, 2023



11/30/2023

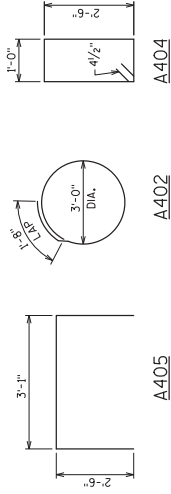
Revision table with columns for NO., DATE, REVISION, and BY. Includes entries for GRATE DETAILS and FLOOR DRAIN TYPE 'GC' MODIFIED.

Signature and date 12/06/23

Addendum No. 01
 ID 5992-11-11
 Revised Sheet 225
 December 7, 2023

BILL OF BARS

BAR MARK	NO. OF BARS	NO. REQ'D.	LENGTH	BENT	BAR SERIES	LOCATION
A701	X	12	18'-6"	X		FOOTING - COLUMN/TOP
A402	X	19	11'-2"	X		FOOTING - COLUMN/TOP
A703	X	12	15'-0"	X		FOOTING - WINGS
A404	X	12	7'-6"	X		FOOTING - TOP
A405	X	10	7'-11"	X		FOOTING - TOP - COLUMNS
A406	X	4	3'-6"	X		FOOTING - TOP - COLUMNS

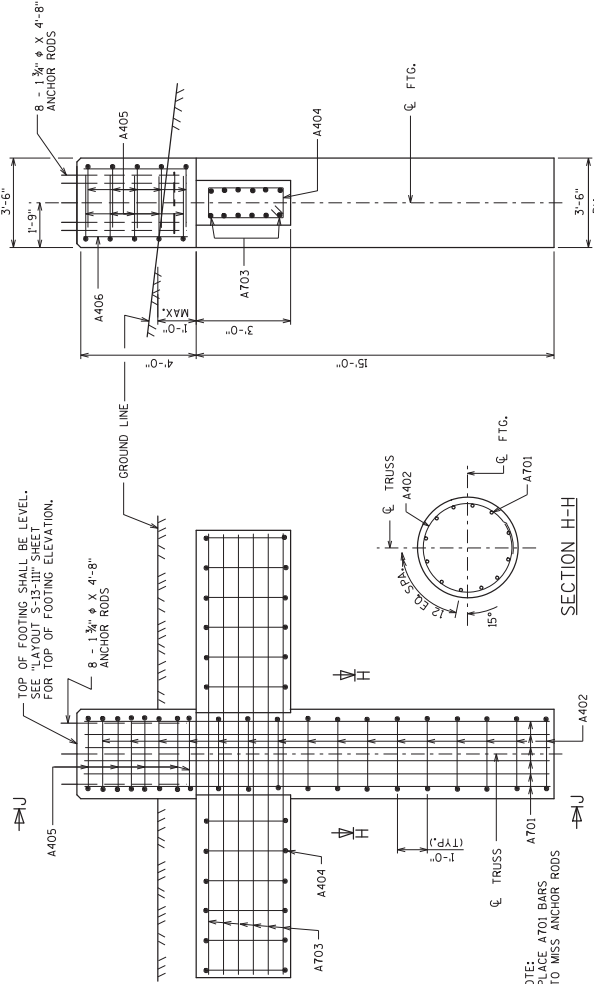


NOTES

DRAWINGS SHALL NOT BE SCALED.
 THE FIRST OR FIRST TWO DIGITS OF A BAR MARK SIGNIFIES THE BAR SIZE.
 BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 3" CLEAR UNLESS DETAILED OTHERWISE.
 CENTER ANCHOR ROD ASSEMBLY TO MISS BAR STEEL REINFORCEMENT AND MAKE SURE IT IS PLUMB. MAINTAIN ANCHOR ROD PROJECTION ABOVE FOOTING AS DETAILED ON PLAN. ANCHOR ROD ASSEMBLY SHALL BE RIGIDLY SECURE IN POSITION DURING AND AFTER CONCRETE PLACEMENT.
 DO NOT WELD THE ANCHOR RODS.



1	12/04/23	ANCHOR BOLT REVISION	CJB
NO.	DATE	REVISION	BY
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION STRUCTURES DESIGN SECTION STRUCTURE S-13-111			
DRAWN BY		PLANS RAD/CKD	NCK
SHEET 4 OF 4		225	

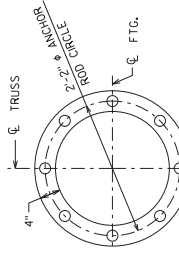


ELEVATION

SECTION H-H

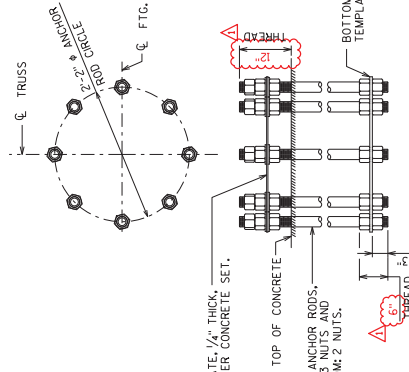
SECTION J-J

SHOWING WING AND CAP STEEL ONLY



TOP VIEW

TOP & BOTTOM TEMPLATES



ANCHOR ROD ASSEMBLY DETAILS

TOP TEMPLATE, 1/2" THICK, REMOVE AFTER CONCRETE SET.

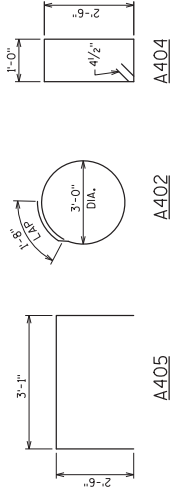
8 - 1 3/8" x 4'-8" ANCHOR RODS, ASTM F1554, 2 WASHERS AND 2 NUTS. BOTTOM: 2 NUTS.

12/04/23

Addendum No. 01
 ID 5992-11-11
 Revised Sheet 229
 December 7, 2023

BILL OF BARS

BAR MARK	NO. OF BARS	NO. REQ'D.	LENGTH	BENT	BAR SERIES	LOCATION
A701	X	12	15'-6"	X		FOOTING - COLUMN/TOP
A402	X	16	11'-2"	X		FOOTING - COLUMN/TOP
A703	X	12	15'-0"	X		FOOTING - WINGS
A404	X	12	7'-6"	X		FOOTING - TOP
A405	X	10	7'-11"	X		FOOTING - TOP - COLUMNS
A406	X	4	3'-6"			



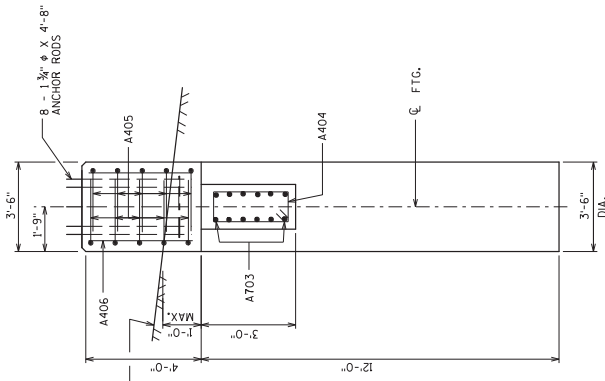
NOTES

DRAWINGS SHALL NOT BE SCALED.
 THE FIRST OR FIRST TWO DIGITS OF A BAR MARK SIGNIFIES THE BAR SIZE.
 BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 3" CLEAR UNLESS DETAILED OTHERWISE.
 CENTER ANCHOR ROD ASSEMBLY TO MISS BAR STEEL REINFORCEMENT AND MAKE SURE IT IS PLUMB. MAINTAIN ANCHOR ROD PROJECTION ABOVE FOOTING AS DETAILED ON PLAN. ANCHOR ROD ASSEMBLY SHALL BE RIGIDLY SECURE IN POSITION DURING AND AFTER CONCRETE PLACEMENT. DO NOT WELD THE ANCHOR RODS.



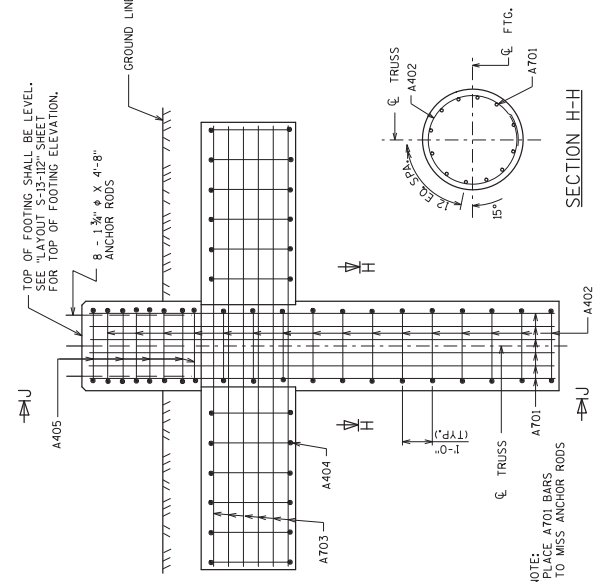
NO.	DATE	REVISION	C.B.
1	10/20/23	ANCHOR BOLT REVISION	BY

STATE OF WISCONSIN
 DEPARTMENT OF TRANSPORTATION
 STRUCTURES DESIGN SECTION
 STRUCTURE S-13-112
 DRAWN BY: RAD/CED/NCK
 SHEET 4 OF 4
 229



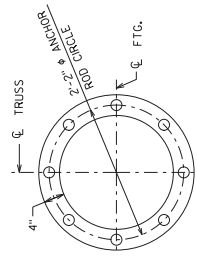
SECTION J-J

SHOWING WING AND CAP STEEL ONLY



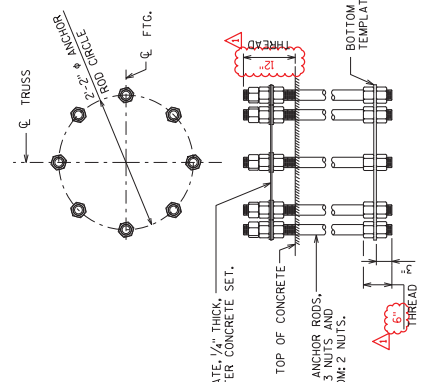
SECTION H-H

ELEVATION

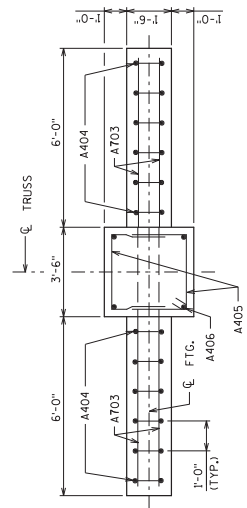


TOP VIEW

TOP & BOTTOM TEMPLATES



ANCHOR ROD ASSEMBLY DETAILS



PLAN



Proposal Schedule of Items

Proposal ID: 20231212009 Project(s): 5992-11-11

Federal ID(s): WISC 2024060

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0002	201.0120 Clearing	1,223.000 ID	_____.	_____.
0004	201.0220 Grubbing	1,223.000 ID	_____.	_____.
0006	203.0100 Removing Small Pipe Culverts	1.000 EACH	_____.	_____.
0008	204.0110 Removing Asphaltic Surface	200.000 SY	_____.	_____.
0010	204.0150 Removing Curb & Gutter	52.000 LF	_____.	_____.
0012	204.0155 Removing Concrete Sidewalk	157.000 SY	_____.	_____.
0014	204.0170 Removing Fence	50.000 LF	_____.	_____.
0016	204.0195 Removing Concrete Bases	2.000 EACH	_____.	_____.
0018	205.0100 Excavation Common	1,886.000 CY	_____.	_____.
0020	206.1001 Excavation for Structures Bridges (structure) 01. B-13-898	1.000 EACH	_____.	_____.
0022	208.0100 Borrow	1,131.000 CY	_____.	_____.
0024	209.1500 Backfill Granular Grade 1	192.000 TON	_____.	_____.
0026	210.1500 Backfill Structure Type A	239.000 TON	_____.	_____.
0028	211.0101 Prepare Foundation for Asphaltic Paving (project) 01. 5992-11-11	1.000 EACH	_____.	_____.
0030	213.0100 Finishing Roadway (project) 01. 5992-11-11	1.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20231212009 Project(s): 5992-11-11

Federal ID(s): WISC 2024060

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0032	305.0110 Base Aggregate Dense 3/4-Inch	268.000 TON	_____.	_____.
0034	305.0120 Base Aggregate Dense 1 1/4-Inch	2,685.000 TON	_____.	_____.
0036	465.0105 Asphaltic Surface	789.000 TON	_____.	_____.
0038	502.0100 Concrete Masonry Bridges	1,235.000 CY	_____.	_____.
0040	502.3101 Expansion Device	84.000 LF	_____.	_____.
0042	502.3200 Protective Surface Treatment	1,127.000 SY	_____.	_____.
0044	505.0400 Bar Steel Reinforcement HS Structures	19,050.000 LB	_____.	_____.
0046	505.0600 Bar Steel Reinforcement HS Coated Structures	139,160.000 LB	_____.	_____.
0048	506.2605 Bearing Pads Elastomeric Non-Laminated	9.000 EACH	_____.	_____.
0050	506.8006.S Prefabricated Steel Truss Pedestrian Bridge LRFD (structure) 01. B-13-898	1.000 EACH	_____.	_____.
0052	511.1200 Temporary Shoring (structure) 01. B-13-898	1,076.000 SF	_____.	_____.
0054	513.4091 Railing Tubular Screening	552.000 LF	_____.	_____.
0056	513.8006 Railing Steel Pedestrian Type C1	921.000 LF	_____.	_____.
0058	514.0445 Floor Drains Type GC	2.000 EACH	_____.	_____.
0060	514.2608 Downspout 8-Inch	35.000 LF	_____.	_____.