



Wisconsin Department of Transportation

October 30, 2024

Division of Transportation Systems Development

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

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

NOTICE TO ALL CONTRACTORS:

Proposal #07: 5780-03-61, WISC 2025026
Wauzeka - Soldiers Grove
STH 60 to 0.49 Mi E
Railway St
STH 131
Crawford County

5780-03-81, WISC 2025028
Wauzeka - Soldiers Grove
0.49m E Railway St to
Sunnyridge Rd
STH 131
Crawford County

Letting of November 12, 2024

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

Schedule of Items:

Revised Bid Item Quantities					
Bid Item	Item Description	Unit	Proposal Total Prior to Addendum	Proposal Quantity Change (-)	Proposal Total After Addendum
550.1100	Piling Steel HP 10-Inch X 42 Lb	LF	4,120	-780	3,340

Added Bid Item Quantities					
Bid Item	Item Description	Unit	Proposal Total Prior to Addendum	Quantity Added	Proposal Total After Addendum
550.1120	Piling Steel HP 12-Inch X 53 Lb	LF	0	780	780

Plan Sheets:

Revised Plan Sheets – 5780-03-81	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
266	Structure B-12-255, piling type change required for the abutments.
267	Structure B-12-255, piling type change required for the abutments.
268	Structure B-12-255, piling type change required for the abutments.
269	Structure B-12-255, piling type change required for the abutments.
271	Structure B-12-255, piling type change required for the abutments.

Schedule of Items

Attached, dated October 30, 2024, are the revised Schedule of Items Pages 6 and 17.

Plan Sheets

The following 8½ x 11-inch sheets are attached and made part of the plans for this proposal:
5780-03-81, Revised: 266, 267, 268, 269 and 271.

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

END OF ADDENDUM

DESIGN DATA

LIVE LOAD:
DESIGN LOADING: HL-93
INVENTORY RATING: RF = 1.24
OPERATING RATING: RF = 1.61
WISCONSIN STANDARD PERMIT VEHICLE (WIS-SPV): 250 (KIPS)
STRUCTURE IS DESIGNED FOR A FUTURE WEARING SURFACE OF 20 POUNDS PER SQUARE FOOT.

MATERIAL PROPERTIES:

CONCRETE MASONRY: $f_c = 4,000$ PSI
STRUCTURE: $f_c = 3,500$ PSI
ALLOTHER: $f_c = 3,500$ PSI
BAR STEEL REINFORCEMENT: $f_y = 60,000$ PSI
GRADE 60

FOUNDATION DATA

7.00 METERS TO BE SUPPORTED ON TOP OF EXISTING PILING DRIVEN TO A REQUIRED DRIVING RESISTANCE OF 180 TONS ** PER PILE AS DETERMINED BY THE MODIFIED GATES DYNAMIC FORMULA. ESTIMATED PILE LENGTH 65'-0" LONG AT BOTH ABUTMENTS.

**THE FACTORED AXIAL RESISTANCE OF PILES IN COMPRESSION USED FOR DESIGN IS THE REQUIRED DRIVING RESISTANCE MULTIPLIED BY A RESISTANCE FACTOR OF 0.5 USING MODIFIED GATES TO DETERMINE PILE CAPACITY.

HYDRAULIC DATA

10-YEAR FREQUENCY:

$Q_{100} = 1300$ C.F.S.
 $V_{100} = 9.37$ F.P.S.
 $HW_{100} = 673.23$ EL.
WATERWAY AREA = 169 SQ. FT.
DEPT. OF TRANSPORTATION
DESIGN CRITICAL CODE = 5
SCOUR CRITICAL CODE = 5

2-YEAR FREQUENCY:

$Q_2 = 255$ C.F.S.
 $V_2 = 4.2$ F.P.S.
 $HW_2 = 674.34$ EL.

TRAFFIC DATA

STH 131
RD # 720 (2024)
R.D.S. = 60 MPH

LIST OF DRAWINGS:

1. GENERAL PLAN
2. CROSS SECTIONS & QUANTITIES
3. SUBSURFACE EXPLANATION
4. SOUTH ABUTMENT
5. NORTH ABUTMENT
6. NORTH ABUTMENT DETAILS
7. SUPERSTRUCTURE
8. SUBSTRUCTURE DETAILS
9. SINGLE SLOPE PARAPET 4255
10. SINGLE SLOPE PARAPET 4255

STRUCTURE DESIGN CONTACTS:

ENGELS VARGAS 608-267-7111
DOMINIQUE BECHLE 608-261-8205

BUREAU OF STRUCTURES
ACCEPTED: *[Signature]* DATE: 08/06/24
DESIGNED BY: *[Signature]* DATE: 08/06/24
STRUCTURE: B-12-255
COUNTY: CRAWFORD TOWN: HANEY
DESIGN SPEC: STH 131 OVER SHAW HOLLOW CREEK
DESIGNED BY: *[Signature]* DATE: 08/06/24
CHECKED BY: *[Signature]* DATE: 08/06/24
EVALUATED BY: *[Signature]* DATE: 08/06/24
EVALUATED BY: *[Signature]* DATE: 08/06/24

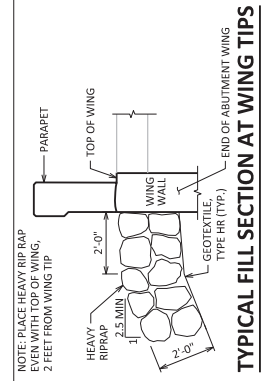
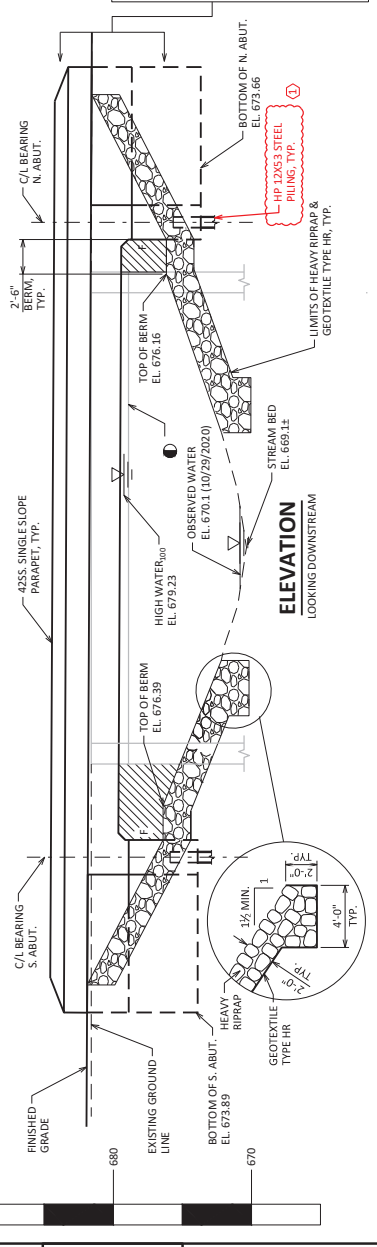
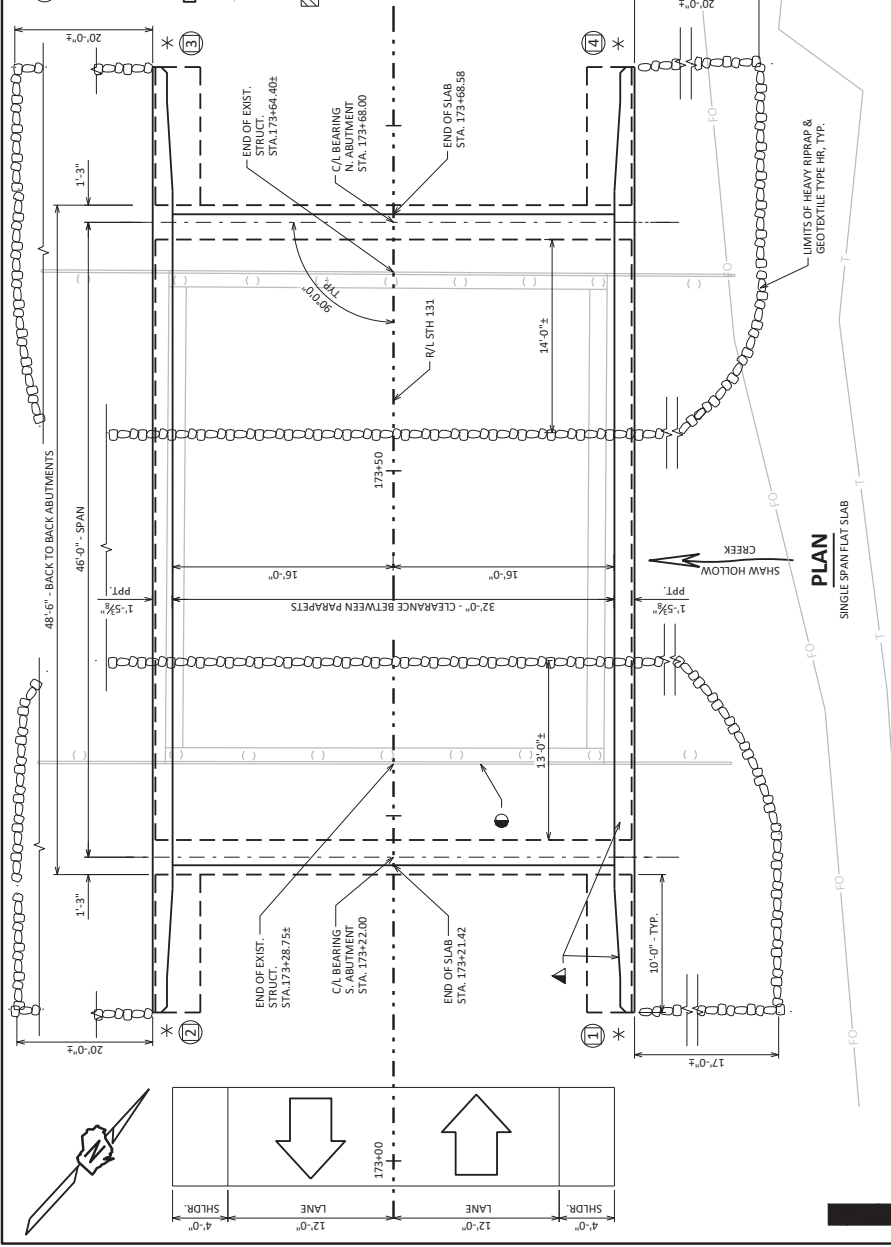
GENERAL PLAN

SHEET 1 OF 10
266

DATE: OCT. 2024

- INDICATES WING NUMBER.
- PROVIDE FOR THREE BEAM GUARD RAIL ATTACHMENT AT UNUSED ANCHOR ASSEMBLY CAULK HOLES SHUT WITH 100% SILICONE CAULK.
- BENCH MARK AND NAME PLATE FOR LOCATIONS SEE "SINGLE SLOPE PARAPET 4255" SHEET FOR DETAILS.
- INDICATES FINAL ROADWAY LANE LOCATION AND DIRECTION OF TRAVEL.
- EXISTING STRUCTURE B-12-255, SINGLE SLOPE PARAPET 4255, SUPPORTED BY TIMBER ABUTMENTS WITH TIMBER PILES, TO BE REMOVED.
- REMOVAL OF THE MATERIAL IS INCLUDED IN THE BIDDING ESTIMATION FOR STRUCTURES B-12-255.

**Addendum No. 01
ID 5788-03-81
Revised Sheet 266
October 30, 2024**

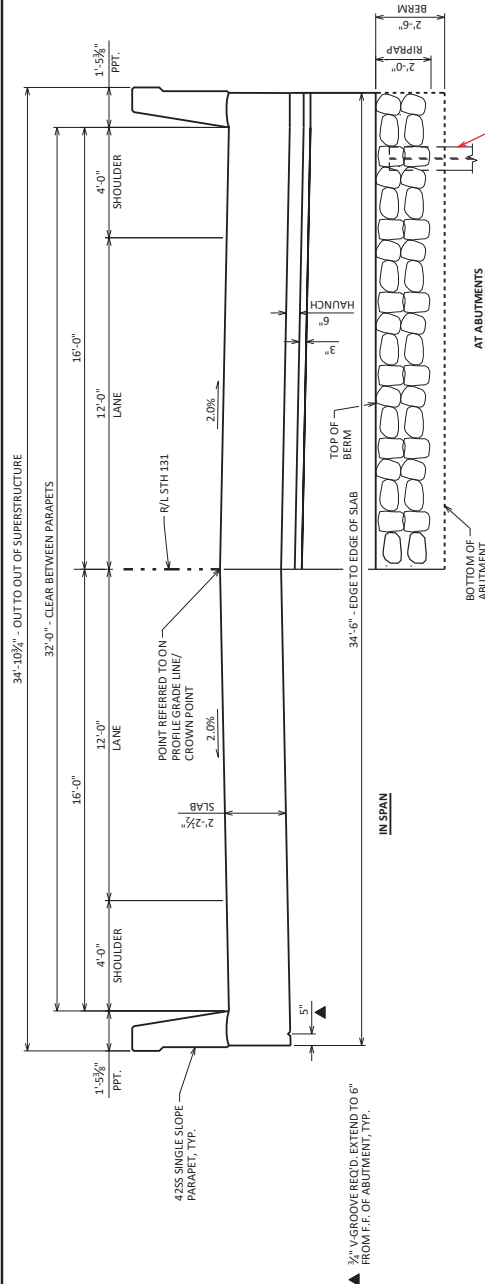


GENERAL NOTES

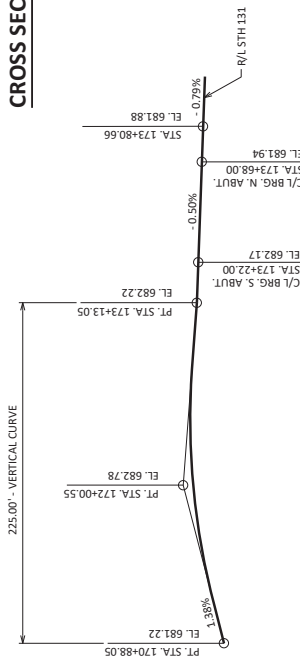
- DRAWINGS SHALL NOT BE SCALED.
- BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2" CLEAR UNLESS OTHERWISE SHOWN OR NOTED.
- THE FIRST OR FIRST TWO DIGITS OF THE BAR MARK SIGNIFIES THE BAR SIZE.
- BEVEL EXPOSED EDGES OF CONCRETE 1/4" UNLESS OTHERWISE NOTED.
- THE UPPER LIMITS OF "EXCAVATION FOR STRUCTURES B-12-255" 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.
- PROTECTIVE SURFACE TREATMENT TO BE APPLIED TO THE ENTIRE EXPOSED TOP OF DECK AND TO THE VERTICAL AND HORIZONTAL SURFACES OF THE PAVING NOTCHES AT ABUTMENT DIAPHRAGMS.
- PIGMENTED SURFACE SEALER TO BE APPLIED TO THE FRONT FACE AND THE TOP OF THE PARAPETS.
- THE SLOPE OF THE FILL IN FRONT OF THE ABUTMENTS SHALL BE COVERED WITH HEAVY GRADE AND GEOTEXTILE TYPE HR TO THE EXTENT SHOWN ON SHEET 1 AND THE ABUTMENT DETAILS.
- SLAB FALSEWORK SHALL BE SUPPORTED ON PILES OR THE SUBSTRUCTURE, UNLESS AN ALTERNATE METHOD IS APPROVED BY THE ENGINEER.
- 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.

AT ABUTMENTS HP 12X3 STEEL PILING MAY BE USED IN lieu of HP 10W42 STEEL PILING. PAYMENT SHALL BE BASED ON BID PRICE FOR HP 10W42 STEEL PILING.

Addendum No. 01
ID 5788-03-81
Revised Sheet 267
October 30, 2024



CROSS SECTION THRU ROADWAY



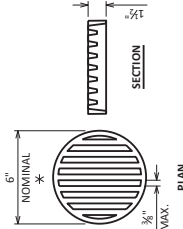
PROFILE GRADE LINE - STH 131

TOTAL ESTIMATED QUANTITIES

BID ITEM NUMBER	BID ITEMS	UNIT	SUPER.	S. ABUT.	N. ABUT.	TOTALS
203.0260	REMOVING STRUCTURE OVER WATERWAY MINIMAL DEBRIS (B-12-698)	EACH	--	--	--	1
206.1001	EXCAVATION FOR STRUCTURES BRIDGES (B-12-256)	EACH	--	--	--	1
210.1500	BACKFILL STRUCTURE TYPE A	TON	--	108	108	216
502.0100	CONCRETE MASONRY BRIDGES	CY	153.0	37.1	37.0	228
502.3200	PROTECTIVE SURFACE TREATMENT	SY	180	--	--	180
502.3210	PIGMENTED SURFACE SEALER	SY	67	--	--	67
505.0400	BAR STEEL REINFORCEMENT HS STRUCTURES	LB	--	2,000	2,000	4,000
505.0400	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	LB	29,650	2,010	2,010	33,660
516.0500	RUBBERIZED MEMBRANE WATERPROOFING	SY	--	10	10	20
550.1120	PILING STEEL HP 12-INCH X 53 LB	LF	--	390	390	780
606.0300	RIPRAP HEAVY	CY	--	165	175	340
612.0406	PIPE UNDERDRAIN WRAPPED 6-INCH	LF	--	95	95	190
614.0150	ANCHOR ASSEMBLIES FOR STEEL PLATE BEAM GUARD	EACH	--	2	2	4
645.0111	GEOTEXTILE TYPE OF SCHEDULE A	SY	--	28	28	56
645.0120	GEOTEXTILE TYPE HR	SY	--	255	276	531
NON-BID ITEMS						
FILLER		SIZE	--	--	--	117'- 3/4"

ABUTMENT BACKFILL DIAGRAM

L = OUT TO OUT OF ABUTMENT BODY INCLUDING WINGS (FT)
H = AVERAGE ABUTMENT FILL HEIGHT (FT)
EF = EXPANSION FACTOR (1.20 FOR CY BID ITEMS AND 1.00 FOR TON BID ITEMS)
 $V_{EF} = (L)(H)(H) + (L)(0.5)(1.5H)(H)$
 $V_{CY} = V_{EF}(1.27)$
 $V_{TON} = V_{EF}(2.0)$

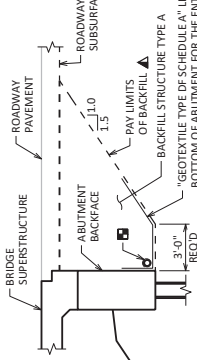


RODENT SHIELD DETAIL

* 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 UNDERDRAIN WRAPPED 6-INCH".

THE RODENT SHIELD SHALL BE A PVC GRATE SIMILAR TO THIS DETAIL. THE GRATE IS COMMERCIALY 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.



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.

NO.	DATE	REVISION	BY
1	10/14/24	REVISED	EV

STRUCTURE B-12-255

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

CROSS SECTION & QUANTITIES

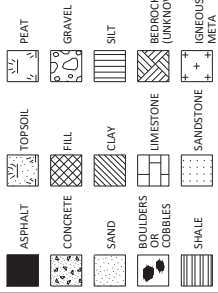
SHEET 2

267

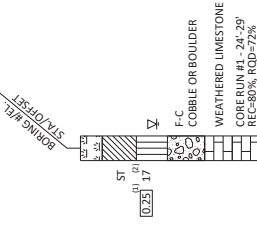
STATE PROJECT NUMBER

5780-03-81

MATERIAL SYMBOLS



LEGEND OF BORING



UNCONFINED STRENGTH, AS DETERMINED BY A POCKET PENETROMETER (150)

UNLESS OTHERWISE SPECIFIED THE SPT 'N' VALUE IS BASED ON THE STANDARD CORRECTION. STANDARD TEST THE SPT 'N' VALUE PRESENTED HAS NOT BEEN CORRECTED FOR OVERBURDEN PRESSURE OR HAMMER EFFICIENCY.

GROUND WATER ELEVATION



ABBREVIATIONS

F-FINE M-MEDIUM C-COARSE ST-SHELBY TUBE

SUBSURFACE EXPLORATION FOR FOUNDATION DESIGN AND BIDDERS INFORMATION

BORINGS WERE COMPLETED AT POINTS APPROXIMATELY AS SHOWN. THE CHARACTER OF SUBSURFACE MATERIALS FOUND AT THE SITE, BECAUSE THE INVESTIGATED DEPTHS ARE LIMITED AND THE AREA OF THE BORINGS IS VERY SMALL, IS NOT GUARANTEED TO BE REPRESENTATIVE OF THE ENTIRE AREA. THE DEPARTMENT OF TRANSPORTATION DOES NOT WARRANT SIMILAR SUBSURFACE CONDITIONS BELOW, BETWEEN, OR BEYOND THESE BORINGS. VARIATIONS IN SOIL CONDITIONS AND GROUND WATER LEVELS MAY OCCUR.

NO.	DATE	REVISION	BY
1	10/14/24	UPDATED FILE SIZE	EV

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURES DESIGN SECTION

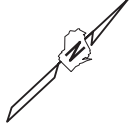
STRUCTURE B-12-255

DESIGNED BY	CHKD BY
TJN	TJN

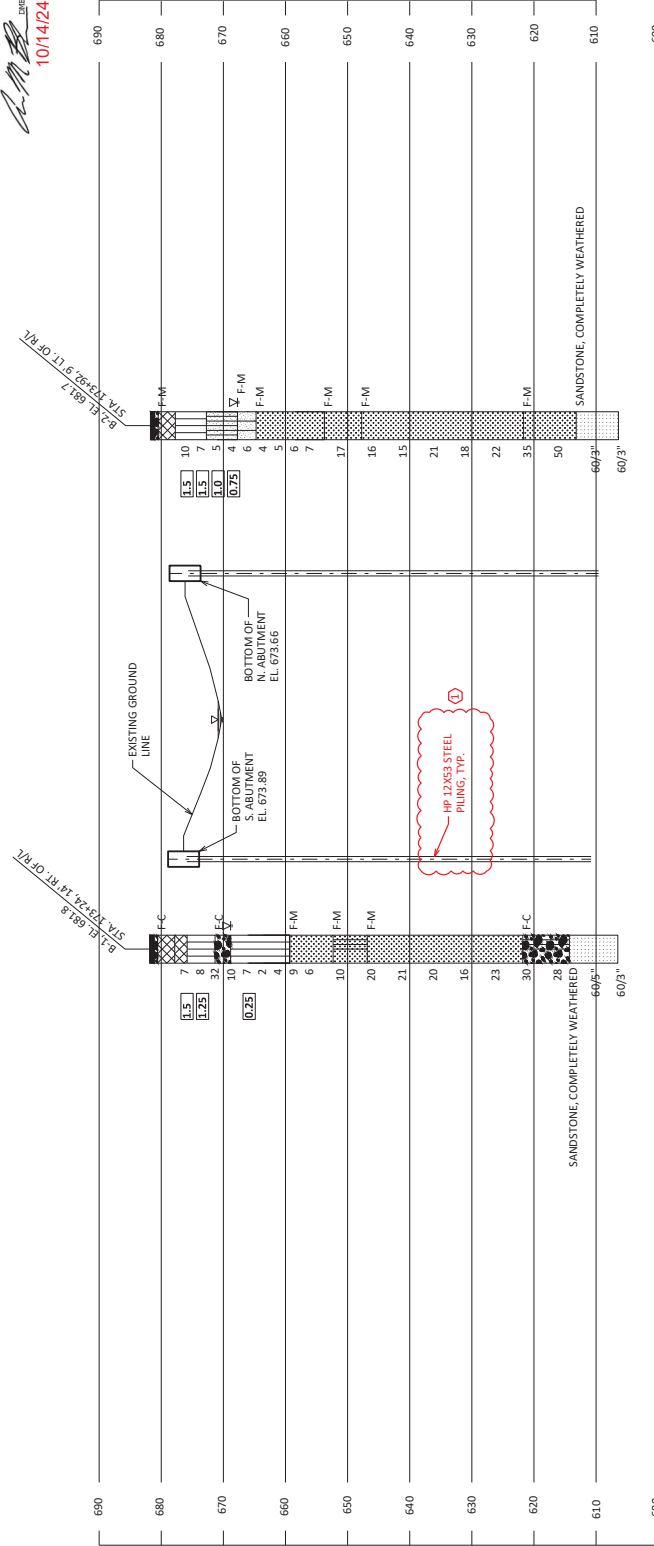
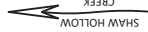
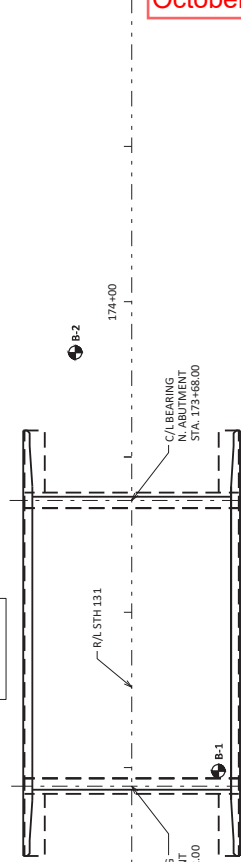
SUBSURFACE
EXPLORATION

SHEET 3

268

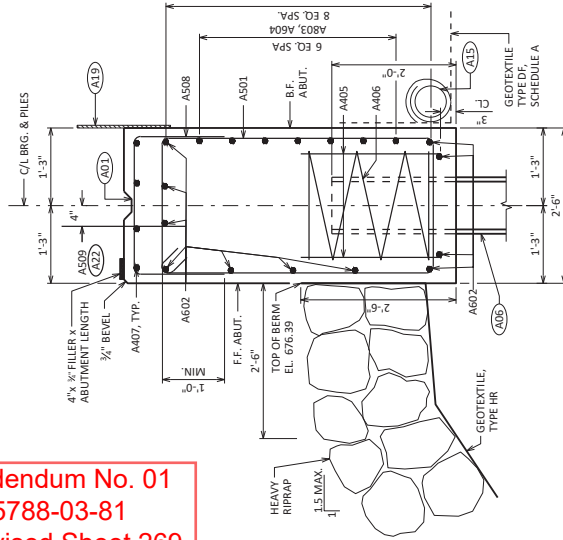


B-12-255

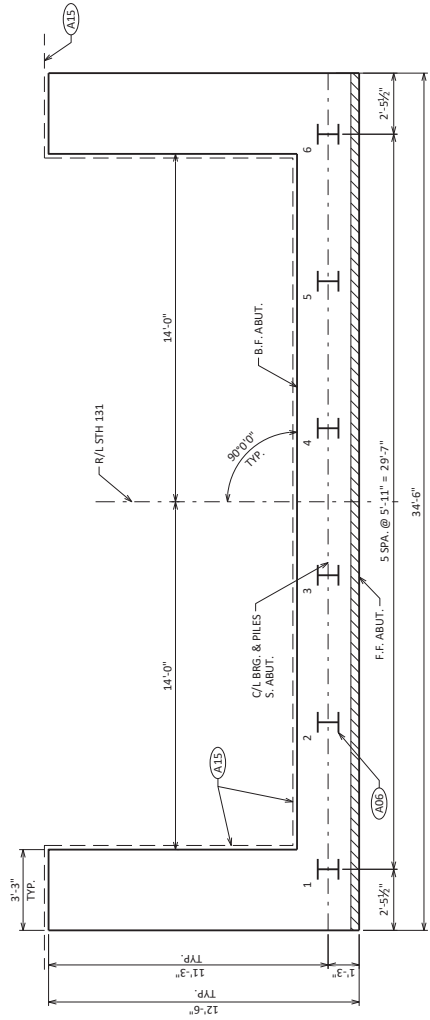
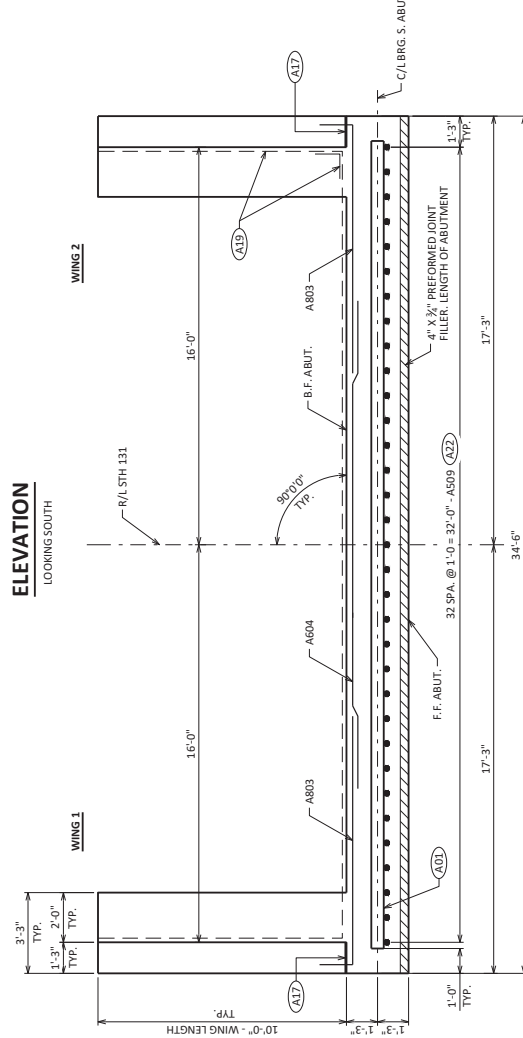
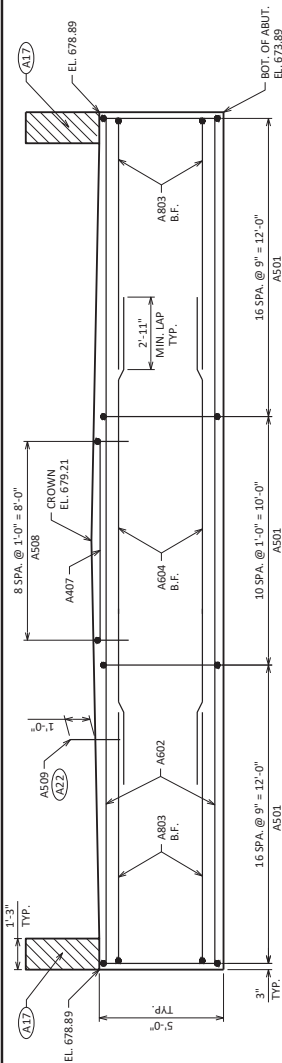


Addendum No. 01
ID 5788-03-81
Revised Sheet 268
October 30, 2024

10/14/24



Addendum No. 01
ID 5788-03-81
Revised Sheet 269
October 30, 2024



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 UNDERDRAIN WRAPPED 6-INCH".

THE RODENT SHIELD SHALL BE A PVC GRATE SIMILAR TO THIS DETAIL. THE GRATE IS COMMERCIALY 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.

(A01) CONST. JOINT: KEYWAY FORMED BY A BEVELED 2 x 6.

A06 SUPPORT ABUTMENT ON HP 12X53 STEEL PILING, ESTIMATED 65'-0" LONG WITH A REQUIRED DRIVING RESISTANCE OF 180 TONS PER PILE.

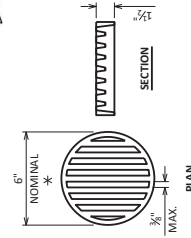
(A15) PIPE UNDERDRAIN WRAPPED (6-INCH). SLOPE 0.5% MIN. TO SUITABLE DRAINAGE. RODENT SHIELD REQUIRED

(A17) ½" FILLER (INCLUDED IN WING LENGTH): SEAL ALL EXPOSED HORIZ. & VERT. SURFACES OF ½" FILLER WITH NON-STAINING GRAY/ NON-BITUMINOUS JOINT SEALER. (1" DEEP AND HOLD ½" BELOW SURFACE OF CONCRETE). EXTEND SEALER 3" BELOW GUTTER LINE AT INSIDE FACE.

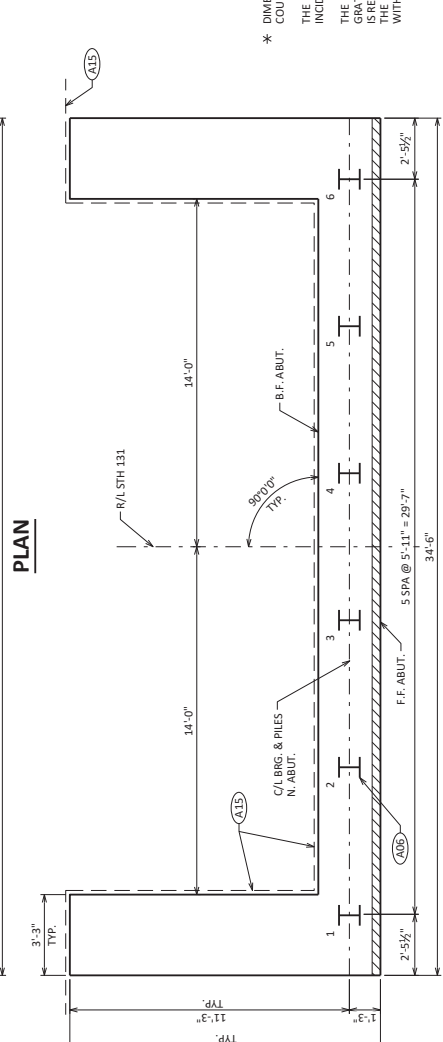
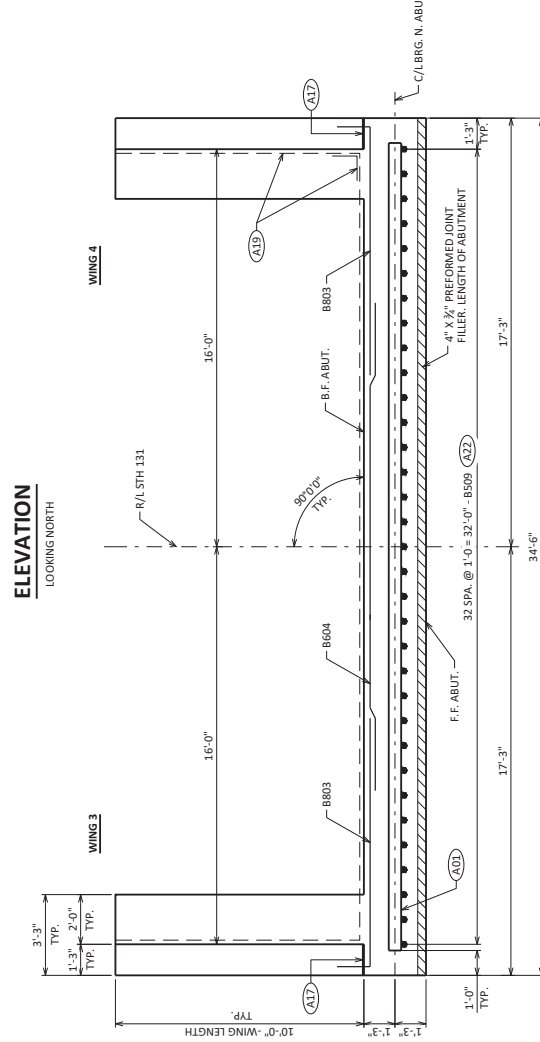
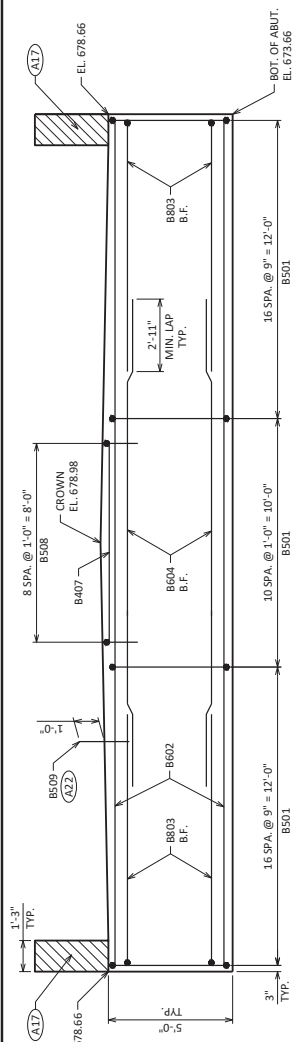
A19 18" (RMW) RUBBERIZED MEMBRANE WATERPROOFING SEAL ALL HORIZ. & VERT. JOINTS AT BACKFACE.

(A22) A509 BARS @ 1'-0" CTRS. BETWEEN BEAM SEATS, MAY BE PLACED AFTER CONCRETE IS POURED BUT BEFORE INITIAL SET HAS TAKEN PLACE. (EMBED 1'-0" INTO CONC.)

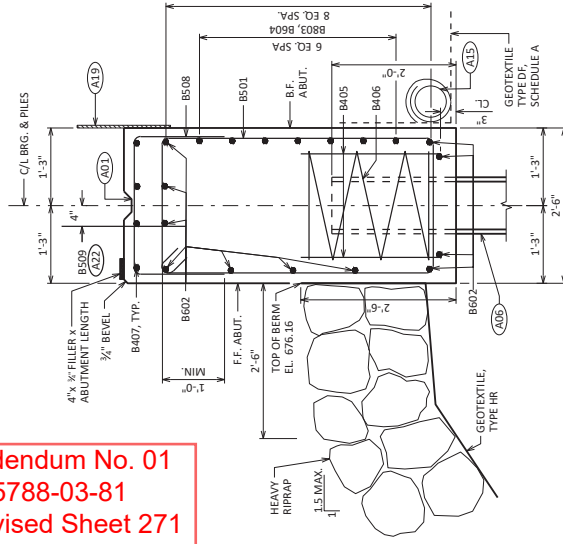
10/14/24



Addendum No. 01
ID 5788-03-81
Revised Sheet 271
October 30, 2024



SECTION THRU BODY



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 UNDERDRAIN WRAPPED 6-INCH".

THE RODENT SHIELD SHALL BE A PVC GRATE SIMILAR TO THIS DETAIL. THE GRATE IS COMMERCIALY 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.

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(A15) PIPE UNDERDRAIN WRAPPED (6-INCH). SLOPE 0.5% MIN. TO SUITABLE DRAINAGE. RODENT SHIELD REQUIRED.

A17 ½" FILLER (INCLUDED IN WING LENGTH): SEAL ALL EXPOSED HORIZ. & VERT. SURFACES OF ½" FILLER WITH NON-STAINING GRAY-NON-BITUMINOUS JOINT SEALER. (1" DEEP AND HOLD ½" BELOW SURFACE OF CONCRETE). EXTEND SEALER 3" BELOW GUTTER LINE AT INSIDE FACE.

A19 18" (RMW) RUBBERIZED MEMBRANE WATERPROOFING
SEAL ALL HORIZ. & VERT. JOINTS AT BACKFACE.

A22 B509 BARS @ 1'-0" CTRS. BETWEEN BEAM SEATS, MAY BE PLACED AFTER CONCRETE IS POURED BUT BEFORE INITIAL SET HAS TAKEN PLACE. (EMBED 1'-0" INTO CONC.)

 DMB
10/11/21

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Q	W0170204	UPDATED FILE SIZE		EIV
NO.	DATE	REVISION	BY	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION STRUCTURES DESIGN SECTION				
STRUCTURE		B-12-255		PLANS EIV (CVD) TJN
DRAWN BY		SHEET 6		
NORTH ABUTMENT		271		



Proposal Schedule of Items

Page 6 of 17

Proposal ID: 20241112007 Project(s): 5780-03-61, 5780-03-81

Federal ID(s): WISC 2025026, WISC 2025028

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0148	521.3124 Culvert Pipe Corrugated Steel 24-Inch	1,204.000 LF	_____.	_____.
0150	521.3130 Culvert Pipe Corrugated Steel 30-Inch	86.000 LF	_____.	_____.
0152	521.3136 Culvert Pipe Corrugated Steel 36-Inch	206.000 LF	_____.	_____.
0154	522.1024 Apron Endwalls for Culvert Pipe Reinforced Concrete 24-Inch	1.000 EACH	_____.	_____.
0156	522.1030 Apron Endwalls for Culvert Pipe Reinforced Concrete 30-Inch	1.000 EACH	_____.	_____.
0158	522.1500 Pipe Cattle Pass Reinforced Concrete	44.000 LF	_____.	_____.
0160	550.1100 Piling Steel HP 10-Inch X 42 Lb	3,340.000 LF	_____.	_____.
0162	601.0411 Concrete Curb & Gutter 30-Inch Type D	1,724.000 LF	_____.	_____.
0164	601.0576 Concrete Curb & Gutter 4-Inch Sloped 30-Inch Type J	25,710.000 LF	_____.	_____.
0166	601.0600 Concrete Curb Pedestrian	25.000 LF	_____.	_____.
0168	602.0405 Concrete Sidewalk 4-Inch	5,235.000 SF	_____.	_____.
0170	602.0415 Concrete Sidewalk 6-Inch	1,080.000 SF	_____.	_____.
0172	602.0515 Curb Ramp Detectable Warning Field Natural Patina	60.000 SF	_____.	_____.
0174	602.0810 Concrete Driveway 6-Inch	136.000 SY	_____.	_____.
0176	602.1500 Concrete Steps	20.000 SF	_____.	_____.



Proposal Schedule of Items

Page 17 of 17

Proposal ID: 20241112007 Project(s): 5780-03-61, 5780-03-81

Federal ID(s): WISC 2025026, WISC 2025028

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0478	SPV.0195 Special 02. Reclaimed Asphalt	2,445.000 TON	_____.	_____.
0480	550.1120 Piling Steel HP 12-Inch X 53 Lb	780.000 LF	_____.	_____.
Section: 0001			Total:	_____.
			Total Bid:	_____.

