Wisconsin Department of Transportation

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

December 24, 2020

NOTICE TO ALL CONTRACTORS:

Proposal #24: 4616-03-71, WISC 2021092
T Wrightstown, CTH ZZ
Clay Street – Mallard Road
CTH ZZ
Brown County

Letting of January 12, 2021

This is Addendum No. 02, which provides for the following:

Special Provisions:

Revised Special Provisions	
Article No.	Description
7	Work By Others
17	Steel Sheet Piling
29	Sheet Pile Wall Backfill, Item SPV.0195.01

Schedule of Items:

Revised Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
502.3200	Protected Surface Treatment	SY	370	1,490	1,860
512.0600	Piling Steel Sheet Permanent Driven	SF	38,550	29,306	67,856

Added Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
505.3210	Pigmented Surface Sealer	SY	0	370	370

Plan Sheets:

Revised Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
81	Wall Details R-5-306 Sheet 3 of 12 – updated quantities, modified general notes
83	Anchor Slab Details R-5-306 Sheet 5 of 12 – updated detail/notes for backfill limits
85	Parapet and Aesthetics Sheet 7 of 12 – updated legend

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. 02

4616-03-71

December 24, 2020

Special Provisions

7. Work by Others

Replace paragraph two with the following:

Brown County will do the fine grading of Base Aggregate dense 1 ¼-Inch for asphalt paving, shoulder gravel, pavement marking, and signing for this project starting September 20, 2021. Contractor will be responsible for supplying any additional Base Aggregate needed to fine grade and will be responsible for removal of any excess Base Aggregate.

17. Steel Sheet Piling

Add the following:

Delete the first sentence in Section 512.3.3 Painting and replace with the following:

Painting steel pile is not required.

29. Sheet Pile Wall Backfill, Item SPV.0195.01

Replace entire section titled **B.1 Backfill** *and* **B1.1 Sampling and Testing** *with the following:*

B.1 Backfill
Furnish material meeting the requirements of Subsection 310.2 of the Standard Specifications.

In addition, backfill material shall meet the following requirements:

Test	Method	Value
Angle of Internal Friction	AASHTO T-236[1]	36 degrees min. (At 90% of maximum density)

[1] Test for internal friction angle according to AASHTO T236 Standard Method of Test for Direct Shear Test of Soils under Consolidated Drained Conditions using large shear box. Maximum density to be determined according to test method ASTM D4253 – "Standard Test Methods for Maximum Index Density and Unit Weight of Soils Using a Vibratory Table".

Provide QMP as specified in Section 730 of the Standard Specifications for open graded base and as follows:

B.1.1 Sampling and Testing
Prior to placing backfill material, obtain and furnish to the engineer a certified report of test results that the backfill material complies with the requirements of this specification.
This certified report of test shall be less than 6 months old. Tests will be performed by a certified independent laboratory. In addition, when backfill characteristics change as determined by the engineer and/or sources change, provide a certified report of tests before placement for the new backfill material.

31. Excavation for Structures.

Add to subsection 206.3.13.1 of the Standard Specifications:

Compact backfill for anchor wall to 95% of the maximum dry density according to the Standard Proctor test as determined by AASHTO T-99.

Do not operate rollers or other heavy equipment within 5 ft of the anchor wall.

Perform compaction testing on the backfill. Conform to CMM 8-15 for testing and gauge monitoring methods. Conduct testing at a minimum frequency of 1 test per 150 cubic yards of backfill, or major portion thereof in each lift. A minimum of one test for every lift is required. Deliver documentation of all compaction testing results to the engineer at the time of testing.
Perform one 5-point Proctor test every 500 cubic yards of fill. Retain split samples for a minimum of seven days after sampling. Test sites shall be selected using ASTM Method D3665. Provide Proctor test results to the engineer within 48 hours of sampling.

Schedule of Items

Attached, dated December 24, 2020, are the revised Schedule of Items Pages 1, 2, and 6.

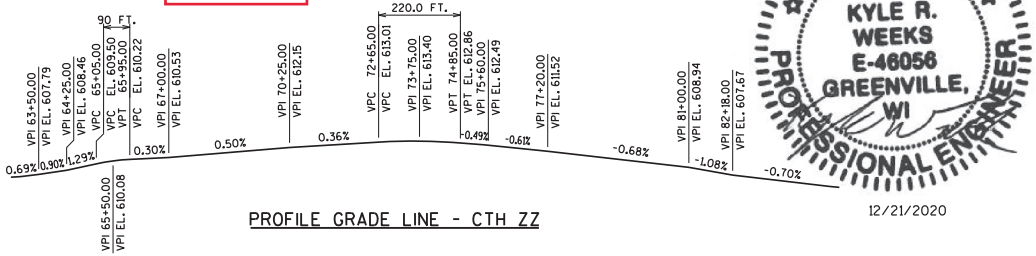
Plan Sheets
The following 8½ x 11-inch sheets are attached and made part of the plans for this proposal:
Revised: 81, 83, and 85

END OF ADDENDUM

Addendum No. 02
ID 4616-03-71
Revised Sheet 81
December 24, 2020

SDR
12/22/20

WISCONSIN
KYLE R. WEEKS
E-46058
GREENVILLE, WI
PROFESSIONAL ENGINEER
12/21/2020



PROFILE GRADE LINE - CTH ZZ

SOIL PARAMETERS

Table 1: Soil Parameters - Sheet Pile Walls

Soil Description	Friction Angle (Degrees)	Cohesion (Psf)	Unit Weight (Pcf)
Soil Behind Wall in Short and Long Term Condition			
Anchor Slab and Base Course: Within the Wall in the Reinforcing Zone.	40	0	150
Granular Structural Backfill: Required along entire wall from Bottom of Anchor Slab Base Course to Finished Grade Line.	36	0	120
Natural Existing Clay: Beneath Backfill at Finished Grade Line to Depth of Sheeting.	0	600	130
Soil in Front of Wall in Short and Long Term Condition			
River Muck: Toe of Wall to 2.0 ft depth.	0	200	120
Natural Existing Clay: Beneath Backfill at Finished Grade Line to Depth of Sheeting.	0	600	130

GENERAL NOTES

STATE PROJECT NUMBER 4616-03-71

DRAWINGS SHALL NOT BE SCALED.

EXCAVATION FOR STRUCTURES INCLUDES ORGANIC MATERIAL AND TOP SOIL (ASSUMED TO BE 1' DEEP) FROM THE SHEET PILE WALL TO THE LIMIT OF STRUCTURE BACKFILL AREA AS SHOWN ON SHEET 5. SEE ROADWAY CROSS SECTIONS FOR BACKFILL LIMITS.

LENGTH OF RETAINING WALL IS MEASURED ALONG THE FRONT FACE AT THE REFERENCE LINE.

ALL SPACES EXCAVATED AND NOT OCCUPIED BY THE NEW STRUCTURE SHALL BE BACKFILLED WITH SHEET PILE WALL BACKFILL AS SHOWN IN THE PLANS.

ALL RETAINING WALL STATIONS AND OFFSETS ARE MEASURED ALONG THE REFERENCE LINE FOR CTH ZZ.

OFFSETS ARE MEASURED TO THE FRONT FACE OF RETAINING WALLS.

2 APPLY PROTECTIVE SURFACE TREATMENT TO TOP OF ANCHOR SLAB. APPLY PIGMENTED SURFACE SEALER TO TOP AND INSIDE FACES OF PARAPET THAT ARE NOT STAINED (SEE SHEET 7).

BEVEL EXPOSED EDGES OF CONCRETE 1" UNLESS OTHERWISE NOTED.

BENDING DIMENSIONS FOR REINFORCING BARS ARE OUT TO OUT.

ALL BAR STEEL IS TO BE EPOXY COATED.

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

THE FIRST DIGIT OF A THREE DIGIT BAR MARK OR FIRST TWO DIGITS OF A FOUR DIGIT BAR MARK INDICATE THE SIZE OF BAR.

THE QUANTITY OF CONCRETE MASONRY FOR THE CAST-IN-PLACE ANCHOR SLAB AND PARAPETS IS INCLUDED IN THE BID ITEM "CONCRETE MASONRY RETAINING WALLS".

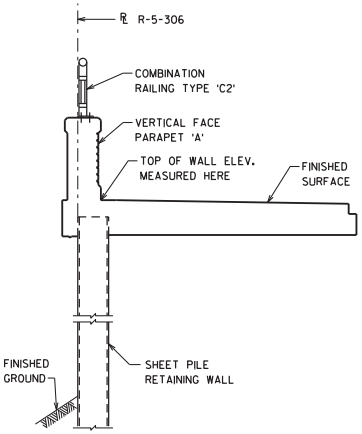
BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
14	84+48, 10'RT	HYDRANT TAG BOLT AT HOUSE #75	605.78
15	74+55, 35'RT	HYD TAG BOLT SW COR WW TREATMENT	614.74
16	63+23, 23'LT	HYDRANT TAG BOLT SW QUAD CLAY ST	609.39

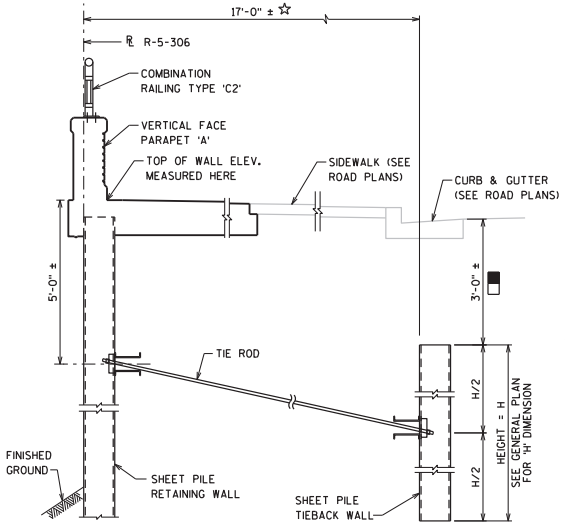
☆ REDUCE OFFSET FROM STA 14+75 TO STA 15+00 TO AVOID CONFLICT WITH STORM SEWER.

■ TO ACCOMMODATE PROPOSED STORM SEWER CATCH BASINS INSTALL TIEBACK WALL TO DEPTH OF 6'-0" BELOW PROPOSED ROADWAY SURFACE FOR MIN. LATERAL DISTANCE OF 3'-0" BOTH UP-STATION AND DOWN-STATION OF CATCH BASIN. TIEBACK WALL WALER PERMITTED TO REMAIN CONTINUOUS AND LEVEL.

REQUIRED AT ROADWAY STATIONS: STA 66+60
STA 66+75
STA 68+20
STA 70+00
STA 71+63.50
STA 75+94.40
STA 78+96.50
STA 81+20



CANTILEVER SHEET PILE WALL
STA. 13+50 TO STA. 14+75
STA. 32+75 TO STA. 33+00



TIEBACK SHEET PILE WALL
STA. 14+75 TO STA. 32+75

SHEET PILE WALL ANALYSIS

Table 2: Results of Sheet Pile Wall External Stability Evaluation

Wall Type	Cantilever	Tieback		
Soil Parameter Term Condition	Short & Long			
Backfill Type	Structural			
Dimensions				
Maximum Exposed Wall Height (feet)	6.0	15.0	16.0	17.0
Required Wall Embedment (feet)	5.4	12.0	18.1	30.4
Factored Wall Embedment (feet) [1]	**6.5**	**15.0**	**21.7**	**36.5**
Safety Factors				
Embedment (CDR > 1.0) [2]	1.00	1.00	1.00	1.00
Global Stability, South Wall(FS_{req} > 1.5) [3]	3.0	2.00		
Global Stability, North Wall (FS_{req} > 1.5) [3]	3.0	2.81		
Design Results				
Max Factored Bending Moment (Lb_ft)	4,949	23,002	34,104	52,603
Section Modulus Required (in.^{3}/ft)	1.32	6.13	9.09	14
Wall Deflection (in./ft) [4]	1/4	1/2	3/4	2
Tieback Force (LB/ft.)	N/A	7,303	8,640	10,518

1. Since the w all embedment depth uses the Simplified Method w ith continuous vertical elements, a 20% increase in embedment w ill be included.
2. CDR (Capacity to Demand Ratio) given in Chapter 14 of the WisDOT Bridge Manual.
3. FS_{req} (Safety Factor Required) determined from *WinStabl* program.
4. Wall Deflection using moment of inertia of 184.20 in.4/ft, property of PZ27 sheet pile.

TOTAL ESTIMATED QUANTITIES

BID ITEMS

206.3000	EXCAVATION FOR STRUCTURES RETAINING WALLS R-5-306	1	LS
2 502.3200	PROTECTIVE SURFACE TREATMENT	1,860	SY
2 502.3210	PIGMENTED SURFACE SEALER	370	SY
504.0500	CONCRETE MASONRY RETAINING WALLS	344	CY
505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	100,990	LB
506.0105	STRUCTURAL STEEL CARBON	256,284	LB
506.0605	STRUCTURAL STEEL HS	23,310	LB
2 512.0500	PILING STEEL SHEET PERMANENT DELIVERED	67,856	SF
512.0600	PILING STEEL SHEET PERMANENT DRIVEN	67,856	SF
513.7011	RAILING STEEL TYPE C2 R-5-306	1,950	LF
517.1010.S	CONCRETE STAINING R-5-306	956	SF
517.1015.S	CONCRETE STAINING MULTI-COLOR R-5-306	3,276	SF
517.1050.S	ARCHITECTURAL SURFACE TREATMENT R-5-306	3,276	SF
645.0140	GEOTEXTILE TYPE SAS	5,219	SY
SPV.0195.01	SHEET PILE WALL BACKFILL	14,770	TON

NON-BID ITEMS

PREFORMED JOINT FILLER, 1-INCH

DESIGN DATA

LIVE LOAD:

LIVE LOAD SURCHARGE (CONSTRUCTION) — 100 P.S.F.

MATERIAL PROPERTIES:

ANCHOR SLAB
CONCRETE MASONRY
RETAINING WALLS — f'c = 3,500 P.S.I.
HIGH STRENGTH BAR STEEL
REINFORCEMENT, GRADE 60 — fy = 60,000 P.S.I.

2 ~~CANTILEVER SHEET PILE~~
~~PERMANENT STEEL SHEET~~
~~PILING (ASTM A572) fy = 50,000 P.S.I.~~
~~DESIGN SECTION MODULUS~~
~~PER LINEAL FOOT OF WIDTH 60.7 IN.^{3}~~
~~TIEBACK WALL~~ SHEET PILE
PERMANENT STEEL SHEET
PILING (ASTM A572) — fy = 50,000 P.S.I.
DESIGN SECTION MODULUS
PER LINEAL FOOT OF WIDTH — 30.2 IN.^{3}

PAID FOR UNDER STRUCTURAL STEEL CARBON
C15X33.9 CHANNELS
DOUBLE WALER
CHANNELS (ASTM A709) — fy = 50,000 P.S.I.
STEEL PLATES
SPLICE PLATES, WASHER
PLATES, ETC. (A709) — fy = 36,000 P.S.I.
BOLTS
VARIOUS SIZE BOLTS (A325) — fy = 90,000 P.S.I.

PAID FOR UNDER STRUCTURAL STEEL HS
ANCHOR RODS
THREADED TIE RODS (A722) — fu = 150,000 P.S.I.

NO.	DATE	REVISION	BY
2	12/21/20	NOTES & QUANTITIES	BRE
1	12/1/20	REMOVED MATERIAL PROPERTY	BRE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE R-5-306

DRAWN BY BRE | PLANS CK'D. KRO

WALL DETAILS

SHEET 3 OF 12

81

8 8

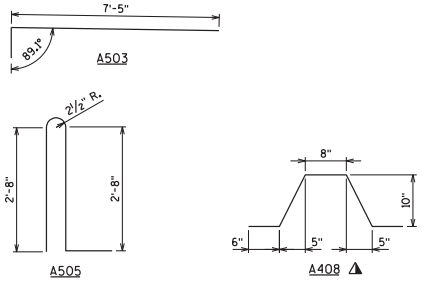
FILE NAME : F:±TR±JOBS±E2166A15±Sheets±Retaining Walls±R-05-0306 STA 63+50 - 82+75 SHEET PILE±R-05-0306 03 wall details.dgn
PLOT BY : BREpley PLOT DATE: 12/21/2020 1:55:51 PM

STATE PROJECT NUMBER
4616-03-71

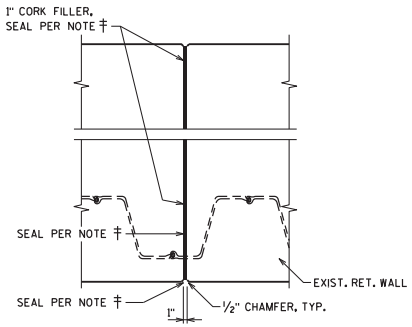
BILL OF BARS

(BILL OF BARS FOR ONE ANCHOR SLAB PANEL, 78 PANELS REQ'D.)

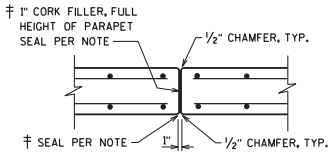
BAR MARK	COAT	NO. REQ'D.	LENGTH	BENT	LOCATION
A401	X	14	24'-7"		ANCHOR SLAB TOP & BOTTOM
A503	X	38	9'-7"	X	ANCHOR SLAB TOP
A505	X	31	6'-9"	X	PARAPET - VERTICAL
A506	X	8	24'-7"		PARAPET - HORIZONTAL
A407	X	21	6'-2"		ANCHOR SLAB BOTTOM
⚠ A408	X	15	3'-3"	X	ANCHOR SLAB AT SHEET PILE



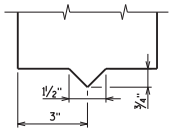
BAR BEND DIAGRAMS



ANCHOR SLAB EXPANSION JOINT DETAIL

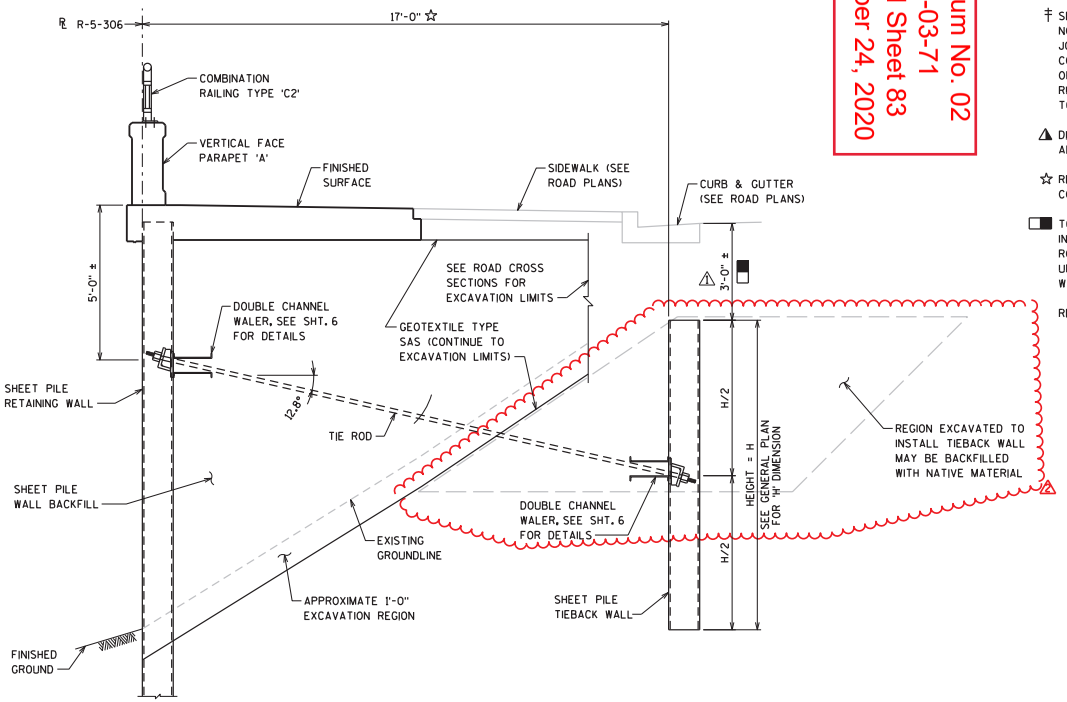


PARAPET EXPANSION JOINT DETAIL



¾" DRIP EDGE DETAIL

Addendum No. 02
ID 4616-03-71
Revised Sheet 83
December 24, 2020



TYPICAL SECTION THRU WALL WITH TIEBACK WALL

NOTES

‡ SEAL ALL EXPOSED HORIZ. & VERT. SURFACES OF FILLER WITH NON-STAINING COLOR TO MATCH STAIN OF NON-BITUMINOUS JOINT SEALER. (1" DEEP AND HOLD ⅛" BELOW SURFACE OF CONCRETE). EXPANSION JOINTS TO BE SPACED AT A MINIMUM OF 25'. LOCATE EXPANSION JOINTS OVER WALL JOINTS. DO NOT RUN BAR STEEL THRU JOINT, EXCEPT FOR DOWEL BARS. JOINT TO EXTEND FULL DEPTH OF PARAPET AND ANCHOR SLAB.

⚠ DIMENSIONS GIVEN MAY NOT FIT CHOOSEN SHEET PILE SECTION. ADJUST DIMENSIONS AS NECESSARY TO ALLOW PROPER FIT.

☆ REDUCE OFFSET FROM STA 14+50 TO STA 15+00 TO AVOID CONFLICT WITH STORM SEWER.

■ TO ACCOMMODATE PROPOSED STORM SEWER CATCH BASINS INSTALL ANCHOR WALL TO DEPTH OF 6'-0" BELOW PROPOSED ROADWAY SURFACE FOR MIN. LATERAL DISTANCE OF 3'-0" BOTH UP-STATION AND DOWN-STATION OF CATCH BASIN. TIEBACK WALL WALER PERMITTED TO REMAIN CONTINUOUS AND LEVEL.

REQUIRED AT ROADWAY STATIONS: STA 66+60
STA 66+75
STA 68+20
STA 70+00
STA 71+63.50
STA 75+94.40
STA 78+96.50
STA 81+20

SDR
12/22/20

WISCONSIN
KYLE R. WEEKS
E-46056
GREENVILLE, WI
PROFESSIONAL ENGINEER
12/21/2020

NO.	DATE	REVISION	BY
2	12/21/20	ADDED BACKFILL NOTE	BRE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE R-5-306

DRAWN BY BRE | PLANS CK'D. KRO

ANCHOR SLAB DETAILS

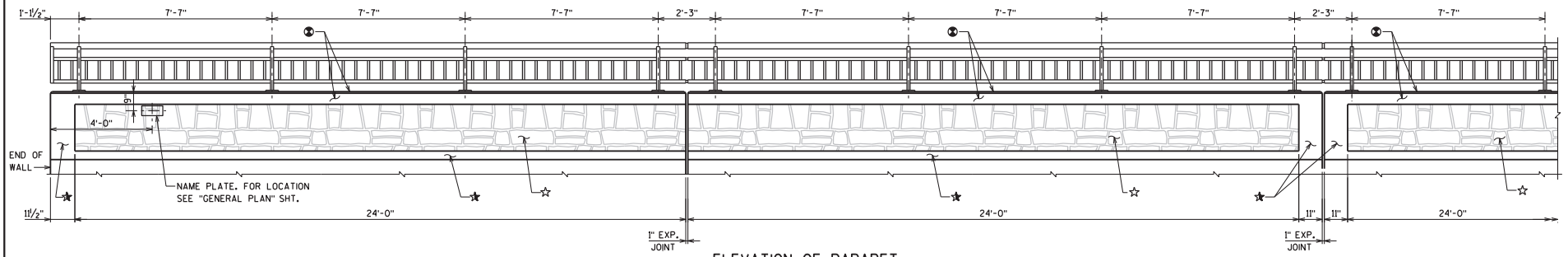
SHEET 5 OF 12

83

8

8

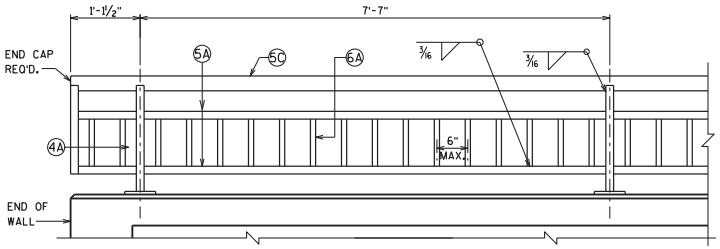
STATE PROJECT NUMBER
4616-03-71



ELEVATION OF PARAPET

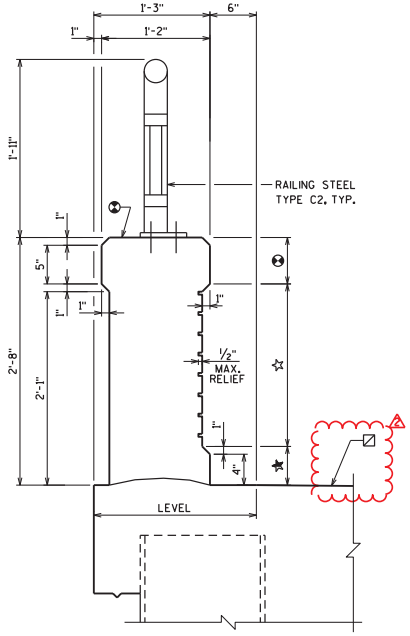
SDR
12/22/20

WISCONSIN
KYLE R. WEEKS
E-46056
GREENVILLE, WI
PROFESSIONAL ENGINEER
12/21/2020

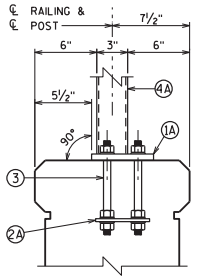


ELEVATION OF STEEL RAIL TYPE 'C2'

NOTE: SEE SHEET 8 FOR RAILING DETAILS

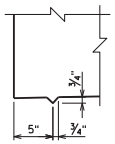


SECTION THRU PARAPET

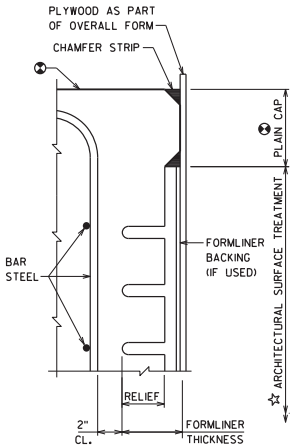


RAILING BASE PLATE DETAIL

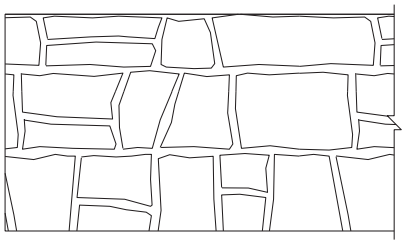
NOTE: SEE SHEET 13 FOR RAILING DETAILS.



¾" V-DRIP EDGE DETAIL



SECTION THRU FORMLINER



DRYSTACK STONE FORMLINER

FORMLINER THICKNESS = 3"
SIZE = 3" TO 24"
MAX. RELIEF = ½"

LEGEND

4 PIGMENTED SURFACE SEALER

PROTECTIVE SURFACE TREATMENT

☆ "ARCHITECTURAL SURFACE TREATMENT" AND "CONCRETE STAINING MULTI-COLOR" MATCH B-5-381 STH 96 OVER THE FOX RIVER.

★ "CONCRETE STAINING" REQ'D FEDERAL COLOR NO. 33522

ARCHITECTURAL SURFACE TREATMENT

NO.	DATE	REVISION	BY
2	12/21/20	ADDED NOTE & SYMBOL	BRE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE R-5-306

DRAWN BY BRE | PLANS CK'D. KRO

PARAPET AND AESTHETICS

SHEET 7 OF 12

85

Addendum No. 02
ID 4616-03-71
Revised Sheet 85
December 24, 2020

8

8

Proposal ID: 20210112024 Project(s): 4616-03-71

Federal ID(s): WISC 2021092

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	201.0205 Grubbing	21.000 STA	_____.____	_____.____
0004	204.0100 Removing Concrete Pavement	67.000 SY	_____.____	_____.____
0006	204.0150 Removing Curb & Gutter	1,005.000 LF	_____.____	_____.____
0008	204.0155 Removing Concrete Sidewalk	49.000 SY	_____.____	_____.____
0010	204.0180 Removing Delineators and Markers	17.000 EACH	_____.____	_____.____
0012	204.0220 Removing Inlets	3.000 EACH	_____.____	_____.____
0014	204.0245 Removing Storm Sewer (size) 01. 12 to 24-Inch	255.000 LF	_____.____	_____.____
0016	204.9060.S Removing (item description) 01. Dock	5.000 EACH	_____.____	_____.____
0018	205.0100 Excavation Common	5,148.000 CY	_____.____	_____.____
0020	206.3000 Excavation for Structures Retaining Walls (structure) 01. R-05-306	LS	LUMP SUM	_____.____
0022	213.0100 Finishing Roadway (project) 01. 4616-03-71	1.000 EACH	_____.____	_____.____
0024	305.0120 Base Aggregate Dense 1 1/4-Inch	3,773.000 TON	_____.____	_____.____
0026	310.0110 Base Aggregate Open-Graded	17.000 TON	_____.____	_____.____
0028	311.0110 Breaker Run	7,140.000 TON	_____.____	_____.____
0030	416.0160 Concrete Driveway 6-Inch	65.000 SY	_____.____	_____.____
0032	502.3200 Protective Surface Treatment	1,860.000 SY	_____.____	_____.____

Proposal ID: 20210112024 Project(s): 4616-03-71

Federal ID(s): WISC 2021092

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0034	504.0500 Concrete Masonry Retaining Walls	944.000 CY	_____.____	_____.____
0036	505.0600 Bar Steel Reinforcement HS Coated Structures	100,990.000 LB	_____.____	_____.____
0038	506.0105 Structural Steel Carbon	256,284.000 LB	_____.____	_____.____
0040	506.0605 Structural Steel HS	23,310.000 LB	_____.____	_____.____
0042	512.0500 Piling Steel Sheet Permanent Delivered	67,856.000 SF	_____.____	_____.____
0044	512.0600 Piling Steel Sheet Permanent Driven	67,856.000 SF	_____.____	_____.____
0046	513.7011 Railing Steel Type C2 01. R-05-306	1,950.000 LF	_____.____	_____.____
0048	517.1010.S Concrete Staining (structure) 01. R-05-306	956.000 SF	_____.____	_____.____
0050	517.1015.S Concrete Staining Multi-Color (structure) 01. R-05-306	3,276.000 SF	_____.____	_____.____
0052	517.1050.S Architectural Surface Treatment (structure) 01. R-05-306	3,276.000 SF	_____.____	_____.____
0054	520.8000 Concrete Collars for Pipe	1.000 EACH	_____.____	_____.____
0056	522.1024 Apron Endwalls for Culvert Pipe Reinforced Concrete 24-Inch	1.000 EACH	_____.____	_____.____
0058	601.0411 Concrete Curb & Gutter 30-Inch Type D	2,850.000 LF	_____.____	_____.____
0060	602.0405 Concrete Sidewalk 4-Inch	15,650.000 SF	_____.____	_____.____
0062	606.0300 Riprap Heavy	20.000 CY	_____.____	_____.____

Proposal ID: 20210112024 Project(s): 4616-03-71

Federal ID(s): WISC 2021092

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0162	650.5500 Construction Staking Curb Gutter and Curb & Gutter	2,875.000 LF	_____.____	_____.____
0164	650.6500 Construction Staking Structure Layout (structure) 01. R-5-306	 LS	 LUMP SUM	 _____.____
0166	650.9910 Construction Staking Supplemental Control (project) 01. 4616-03-71	 LS	 LUMP SUM	 _____.____
0168	650.9920 Construction Staking Slope Stakes	2,075.000 LF	_____.____	_____.____
0170	690.0150 Sawing Asphalt	236.000 LF	_____.____	_____.____
0172	690.0250 Sawing Concrete	84.000 LF	_____.____	_____.____
0174	715.0502 Incentive Strength Concrete Structures	5,664.000 DOL	 1.00000	 5,664.00
0176	SPV.0060 Special 01. Adjusting Sanitary Manhole Covers	7.000 EACH	_____.____	_____.____
0178	SPV.0060 Special 03. Adjusting Water Valve Box	8.000 EACH	_____.____	_____.____
0180	SPV.0090 Special 02. Concrete Curb and Gutter Special 24-Inch	25.000 LF	_____.____	_____.____
0182	SPV.0165 Special 01. Insulation Board 4-Inch	100.000 SF	_____.____	_____.____
0184	SPV.0195 Special 01. Sheet Pile Wall Backfill	14,770.000 TON	_____.____	_____.____
0186	999.1500.S Crack and Damage Survey	 LS	 LUMP SUM	 _____.____
0188	502.3210 Pigmented Surface Sealer	370.000 SY	_____.____	_____.____

Section: 0001 Total: _____.____

Total Bid: _____.____