



# Wisconsin Department of Transportation

## Division of Transportation Systems Development

Bureau of Project Development  
4822 Madison Yards Way, 4<sup>th</sup> Floor South  
Madison, WI 53705

February 29, 2024

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

### NOTICE TO ALL CONTRACTORS:

**Proposal #18: 1130-66-83, WISC 2024318**  
**Appleton – De Pere**  
**Rose Hill Rd/CTH CC Overpass**  
**IH 41**  
**Outagamie County**

### Letting of March 12, 2024

This is Addendum No. 02, 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
502.0100	Concrete Masonry Bridges	CY	282	-30	252
SPV.0035.01	High Performance Concrete (HPC) Masonry Structures	CY	466	30	496

#### Plan Sheets:

Revised Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
257	Revised general note to clarify use of High-Performance Concrete
258	Revised Total Estimated Quantities table

**Schedule of Items**

Attached, dated February 29, 2024, are the revised Schedule of Items Pages 3 and 10.

**Plan Sheets**

The following 8½ x 11-inch sheets are attached and made part of the plans for this proposal:  
Revised: 257 and 258.

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

Addendum No. 01  
 ID 1130-66-83  
 Revised Sheet 257  
 February 29, 2024

STATE PROJECT NUMBER  
**1130-66-83**

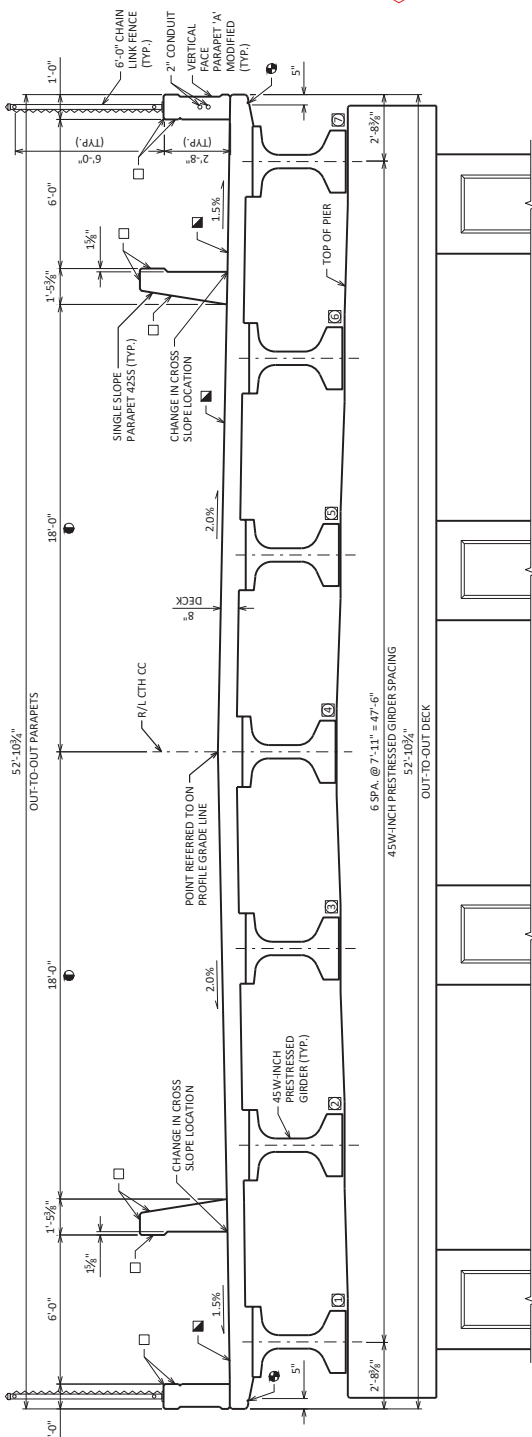
**GENERAL NOTES**

- DRAWINGS SHALL NOT BE SCALED.
- ALL STATIONS AND ELEVATIONS ARE IN FEET.
- 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.
- BAR DIMENSIONS FOR BENDING ARE OUT-TO-OUT OF BARS.
- BEVEL EXPOSED EDGES OF CONCRETE  $\frac{3}{4}$ " UNLESS OTHERWISE NOTED.
- THE UPPER LIMITS OF EXCAVATION FOR STRUCTURES BRIDGES B-44-333" SHALL BE THE EXISTING GROUNDLINE.
- AT THE BACK FACE OF ABUTMENTS, ALL VOLUME WHICH CANNOT BE PLACED BEFORE ABUTMENT CONSTRUCTION AND IS NOT OCCUPIED BY THE NEW STRUCTURES SHALL BE BACKFILLED WITH STRUCTURE BACKFILL TYPE A.
- EXCAVATION BELOW 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 SLOPE OF THE FILL IN FRONT OF THE ABUTMENTS SHALL BE COVERED WITH SLOPE PAVING MATERIAL TO THE EXTENT SHOWN ON SHEET 1 AND THE ABUTMENT DETAILS.
- THE HAUNCH CONCRETE QUANTITY IS BASED ON THE AVERAGE HAUNCH SHOWN ON THE PRESTRESSED GIRDER DETAIL SHEET.
- 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.
- THE EXISTING STRUCTURE B-44-39, A 4-SPAN PRESTRESSED GIRDER BRIDGE 210' LONG BY 32' WIDE IS TO BE REMOVED.

ALL CAST-IN-PLACE SUPERSTRUCTURE CONCRETE SHALL BE HIGH PERFORMANCE CONCRETE. THIS INCLUDES THE DECK, PARAPETS, PIER DIAPHRAGM, AND ABUTMENT DIAPHRAGMS. ALL OTHER CAST-IN-PLACE CONCRETE, INCLUDING PARAPET FOOTINGS, SHALL BE PAID FOR UNDER BID ITEM CONCRETE MASONRY BRIDGES.

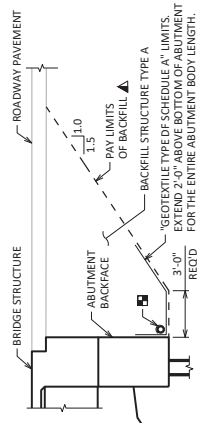
**LEGEND**

- $\frac{3}{4}$ " V-GROOVE RECD. EXTEND TO 6" FROM F.F. OF ABUTMENT DIAPHRAGMS.
- PROTECTIVE SURFACE TREATMENT SHALL BE APPLIED TO THE TOP OF DECK AND HORIZONTAL AND VERTICAL SURFACES OF PAVING NOTCH.
- BACKFILL PAY LIMITS. BACKFILL BEYOND BACKFILL PAY LIMITS SHALL BE INCIDENTAL TO EXCAVATION FOR STRUCTURES. LIMITS OF EXCAVATION SHALL BE DETERMINED BY THE CONTRACTOR.
- PIRE UNDERDRAIN WRAPPED 6-INCH SLOPE 0.5% MIN. TO SUITABLE DRAINAGE ATTACH ROBERT SHIELD AT ENDS OF PIPE UNDERDRAIN. SEE DETAIL ON "SOUTH ABUTMENT" SHEET.
- PIGMENTED SURFACE SEALER SHALL BE APPLIED TO THE INSIDE FACE, TOP AND ENDS OF THE VERTICAL FACE PARAPET "A" MODIFIED CONCRETE PARAPETS AND BOTH FACES, TOP AND ENDS OF THE SINGLE SLOPE PARAPET 4255 CONCRETE PARAPETS.
- INDICATES GIRDER NUMBER.
- LONGITUDINAL GROOVING GIRDER DECK

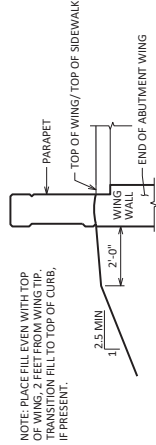


**CROSS SECTION THRU SUPERSTRUCTURE**  
 (LOOKING NORTH)

02/28/24  
 SPR



**TYPICAL SECTION THRU ABUTMENT**



**TYPICAL FILL SECTION AT WING TIPS**

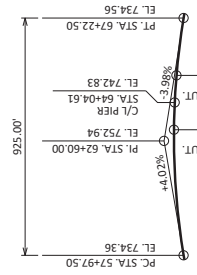
**ABUTMENT BACKFILL DIAGRAM**

- 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<sub>G</sub> = (L)(3.0)(H) = (L)(10.5)(1.5)(H)
- V<sub>W</sub> = V<sub>G</sub>(1.27)
- V<sub>TOT</sub> = V<sub>G</sub>(1.0)

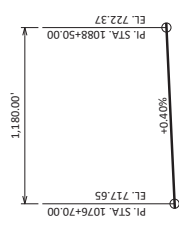
NO.	DATE	REVISION	BY
2	2/21/24	CONCRETE QUANTITIES	KRB
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION			
STRUCTURE		B-44-333	
DESIGNED BY		FORSMAN	KRB
CHECKED BY		ZHC	KRB
CROSS SECTION, NOTES & DETAILS			SHEET 2
			257

SCALE =

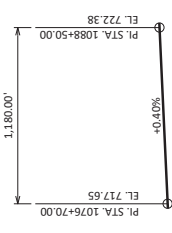
STATE PROJECT NUMBER  
**1130-66-83**



**PROFILE GRADE LINE CTH CC**



**PROFILE GRADE LINE  
IH 41 NB**



**PROFILE GRADE LINE  
IH 41 SB**

Addendum No. 01  
ID 1130-66-83  
Revised Sheet 258  
February 29, 2024

**TOTAL ESTIMATED QUANTITIES**

BID NUMBER	BID ITEM	UNIT	S. ABUT.	PIER	N. ABUT.	SUPER.	TOTAL
203.0220	REMOVING STRUCTURE B-44-39	EACH	---	---	---	---	1
203.0330	DEBRIS CONTAINMENT B-44-39	EACH	---	---	---	---	1
206.1001	EXCAVATION FOR STRUCTURES BRIDGES B-44-333	EACH	---	---	---	---	1
210.1500	BACKFILL STRUCTURE TYPE A	TON	516	---	312	---	828
501.1000.S	ICE HOT WEATHER CONCRETING	LB	②	---	②	3,495	② 3,495
502.0100	CONCRETE MASONRY BRIDGES	CY	95.2	95.4	61.5	---	252
502.3200	PROTECTIVE SURFACE TREATMENT	SY	---	---	---	1,125	1,125
502.3210	PIGMENTED SURFACE SEALER	SY	95	---	91	533	719
503.0146	PRESTRESSED GIRDER TYPE 1 45W-INCH	LF	---	---	---	1,433	1,433
505.0400	BAR STEEL REINFORCEMENT HS STRUCTURES	LB	4,760	2,490	3,590	---	10,840
505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	LB	7,840	15,520	5,950	107,630	136,940
506.2605	BEARING PADS ELASTOMERIC NON-LAMINATED	EACH	7	14	7	---	28
506.4000	STEEL DIAPHRAGMS B-44-333	EACH	---	---	---	24	24
511.1200	TEMPORARY SHORING B-44-333	SF	---	480	---	---	480
516.0500	RUBBERIZED MEMBRANE WATERPROOFING	SY	22	---	18	---	40
550.0010	PRE-BORING UNCONSOLIDATED MATERIALS	LF	48	---	40	---	88
550.1120	PIILING STEEL HP 12-INCH X 53 LB	LF	1,040	1,680	1,040	---	3,760
604.0400	SLOPE PAVING CONCRETE	SY	173	---	173	---	346
604.0600	SLOPE PAVING SELECT CRUSHED MATERIAL	SY	48	---	48	---	96
612.0406	PIPE UNDERDRAIN WRAPPED 6-INCH	LF	300	---	290	---	590
614.0150	ANCHOR ASSEMBLIES FOR STEEL PLATE BEAM GUARD	EACH	2	---	2	---	4
645.0111	GEOTEXTILE TYPE DF SCHEDULE A	SY	51	---	51	---	102
652.0125	CONDUIT RIGID METALLIC 2-INCH	LF	6	---	6	12	24
652.0225	CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH	LF	36	---	24	404	464
653.0222	JUNCTION BOXES 18X12X6-INCH	EACH	②	---	②	1	② 1
SPV.0035.01	HIGH PERFORMANCE CONCRETE (HPC) MASONRY STRUCTURES	CY	15.4	---	14.3	466.4	496
SPV.0060.01	EXISTING FOOTING OPENING	EACH	4	---	4	---	8
SPV.0090.01	FENCE CHAIN LINK POLYMER-COATED 6-FT B-44-333	LF	39	---	27	416	482
SPV.0165.01	LONGITUDINAL GROOVING BRIDGE DECK	SF	---	---	---	7,434	7,434
NON-BID ITEMS							
	NAME PLATE	EACH					1
	FILLER	SIZE					1/2", 3/4", & 1"



*Keith R. Behrend*  
02/28/24

NO.	DATE	REVISION	BY
②	2/27/24	CONCRETE QUANTITIES	KRB

STATE OF WISCONSIN  
DEPARTMENT OF TRANSPORTATION

STRUCTURE **B-44-333**

DESIGNED BY: KRB  
DRAWN BY: ZHC

QUANTITIES AND  
PROFILE GRADE LINES

SHEET 3  
**258**

SCALE =



Proposal Schedule of Items

Proposal ID: 20240312018 Project(s): 1130-66-83

Federal ID(s): WISC 2024318

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0062	460.5224 HMA Pavement 4 LT 58-28 S	200.000 TON	_____.	_____.
0064	465.0315 Asphaltic Flumes	45.000 SY	_____.	_____.
0066	465.0510 Asphaltic Rumble Strips, Shoulder Divided Roadway	2,640.000 LF	_____.	_____.
0068	501.1000.S Ice Hot Weather Concreting	3,495.000 LB	_____.	_____.
0070	502.0100 Concrete Masonry Bridges	252.000 CY	_____.	_____.
0072	502.3200 Protective Surface Treatment	1,125.000 SY	_____.	_____.
0074	502.3210 Pigmented Surface Sealer	719.000 SY	_____.	_____.
0076	503.0146 Prestressed Girder Type I 45W-Inch	1,433.000 LF	_____.	_____.
0078	505.0400 Bar Steel Reinforcement HS Structures	10,840.000 LB	_____.	_____.
0080	505.0600 Bar Steel Reinforcement HS Coated Structures	136,940.000 LB	_____.	_____.
0082	506.2605 Bearing Pads Elastomeric Non-Laminated	28.000 EACH	_____.	_____.
0084	506.4000 Steel Diaphragms (structure) 01. B-44-333	24.000 EACH	_____.	_____.
0086	511.1200 Temporary Shoring (structure) 01. B-44-333	480.000 SF	_____.	_____.
0088	516.0500 Rubberized Membrane Waterproofing	40.000 SY	_____.	_____.
0090	522.1012 Apron Endwalls for Culvert Pipe Reinforced Concrete 12-Inch	7.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20240312018 Project(s): 1130-66-83

Federal ID(s): WISC 2024318

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0276	ASP.1T0A On-the-Job Training Apprentice at \$5.00/HR	2,400.000 HRS	5.00000	12,000.00
0278	ASP.1T0G On-the-Job Training Graduate at \$5.00/HR	2,100.000 HRS	5.00000	10,500.00
0280	SPV.0035 Special 01. High Performance Concrete (HPC) Masonry Structures	496.000 CY	_____.	_____.
0282	SPV.0045 Special 01. Digital Speed Reduction System (DSRS)	300.000 DAY	_____.	_____.
0284	SPV.0060 Special 01. Existing Footing Opening (EFO)	8.000 EACH	_____.	_____.
0286	SPV.0090 Special 01. Fence Chain Link Polymer-Coated 6-Ft. B-44-333	482.000 LF	_____.	_____.
0288	SPV.0165 Special 01. Longitudinal Grooving Bridge Deck	7,434.000 SF	_____.	_____.
0290	SPV.0090 Special 02. Salvage Temporary Precast Concrete Barrier and Crash Cushion Left In Place	220.000 LF	_____.	_____.
<b>Section: 0001</b>			<b>Total:</b>	_____.
			<b>Total Bid:</b>	_____.