



## Wisconsin Department of Transportation

November 11, 2024

### Division of Transportation Systems Development

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

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

### NOTICE TO ALL CONTRACTORS:

**Proposal #35: 6685-03-72, WISC 2025055**  
**T Spencer, Pleasant Road**  
**E Br Yellow River Bridge B-37-0477**  
**Loc Str**  
**Marathon County**

### Letting of November 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 |
| 505.0400                    | Bar Steel Reinforcement HS Structures        | LB   | 9,015                            | -5,635                       | 3,380                         |
| 505.0600                    | Bar Steel Reinforcement HS Coated Structures | LB   | 25,660                           | -2,620                       | 23,040                        |

#### Plan Sheets:

| Revised Plan Sheets |                                                          |
|---------------------|----------------------------------------------------------|
| Plan Sheet          | Plan Sheet Title (brief description of changes to sheet) |
| 37, 42, 43, 45      | Revised bar steel items                                  |

**Schedule of Items**

Attached, dated November 11, 2024, are the revised Schedule of Items Page 2.

**Plan Sheets**

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

Revised: 37, 42, 43, 45

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

## 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  $\frac{3}{8}$ " UNLESS OTHERWISE NOTED.

THE UPPER LIMITS OF "EXCAVATION FOR STRUCTURES B-37-477" 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.

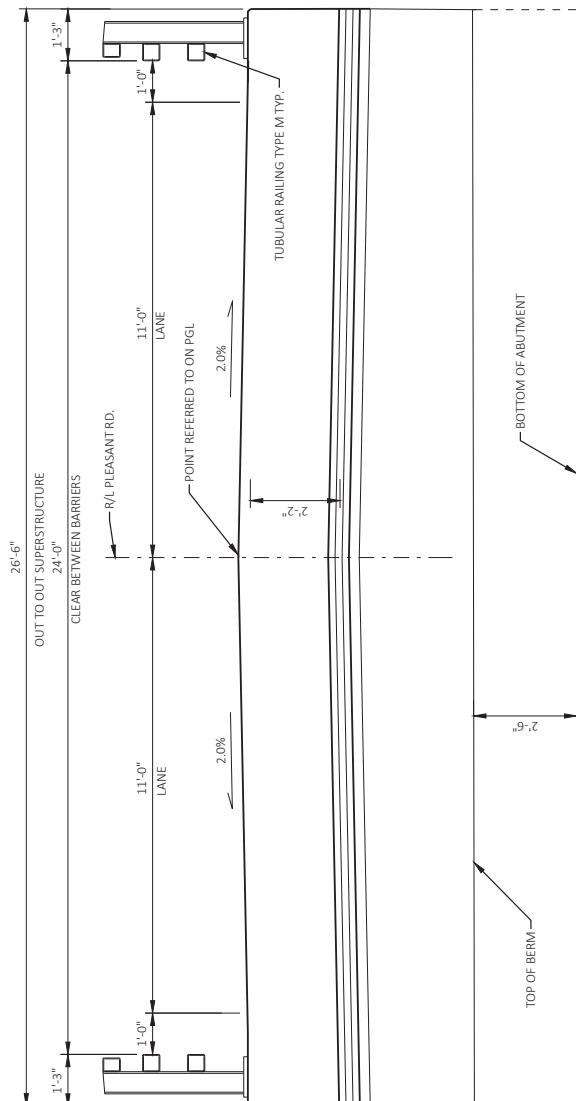
THE SLOPE OF THE FILL IN FRONT OF THE ABUTMENTS SHALL BE COVERED WITH HEAVY RIPRAP AND GEOTEXTILE TYPE HR TO THE EXTENT SHOWN ON SHEET 1 AND THE ABUTMENT DETAILS.

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.

SLAB FALSEWORK SHALL BE SUPPORTED ON PILES OR THE SUBSTRUCTURE UNLESS AN

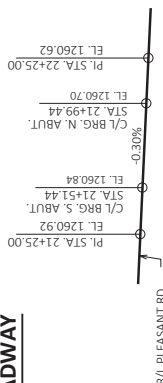
PROTECTIVE SURFACE TREATMENT TO BE APPLIED TO ENTIRE TOP OF SLAB, INCLUDING THE SLAB EDGE AND 1'-0" UNDER THE SLAB, THE TOP AND EXTERIOR EXPOSED FACE OF WINGS AND FRONT FACE OF ABUTMENT TO 1'-0" PAST THE EDGE OF SLAB.

Addendum No. 02  
ID 6685-03-72  
Revised Sheet 37  
November 11, 2024



### CROSS SECTION THRU ROADWAY

LOOKING UP STATION  
PILES OMITTED FOR CLARITY)



## TOTAL ESTIMATED QUANTITIES

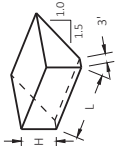
| BID ITEM NO. | BID ITEMS                                                | UNIT | S ABUT. | N ABUT. | SUPER  | TOTAL                 |
|--------------|----------------------------------------------------------|------|---------|---------|--------|-----------------------|
| 203.0260     | REMOVING STRUCTURE OVER WATERWAY MINIMAL DEBRIS P-37-916 | EACH | -       | -       | -      | 1                     |
| 206.1001     | EXCAVATION FOR STRUCTURES BRIDGES B-37-477               | EACH | -       | -       | -      | 1                     |
| 210.1500     | BACKFILL STRUCTURE TYPE A                                | TON  | 140     | 140     | -      | 280                   |
| 502.0100     | CONCRETE MASONRY BRIDGES                                 | CY   | 30.1    | 30.0    | 112.8  | 173                   |
| 502.3200     | PROTECTIVE SURFACE TREATMENT                             | SY   | 11      | 11      | 186    | 208                   |
| 505.0400     | BAR STEEL REINFORCEMENT HIS STRUCTURES                   | LB   | 1,690   | 1,690   | -      | 3,380                 |
| 505.0600     | BAR STEEL REINFORCEMENT HIS COATED STRUCTURES            | LB   | 1,400   | 1,400   | 20,240 | 23,040                |
| 506.0105     | STRUCTURAL STEEL CARBON                                  | LB   | -       | -       | 510    | 510                   |
| 513.4061     | RAILINGS TUBULAR TYPE M                                  | LF   | -       | -       | 155    | 155                   |
| 515.0500     | RUBBERIZED MEMBRANE WATERPROOFING                        | SY   | 11      | 11      | -      | 22                    |
| 516.0500     | PILING STEEL HP 10-INCH X 42 LB                          | LF   | 95      | 95      | -      | 190                   |
| 606.0300     | RIPRAP HEAVY                                             | CY   | 45      | 45      | -      | 90                    |
| 612.0406     | PIPE UNDERDRAIN WRAPPED 6-INCH                           | LF   | 90      | 90      | -      | 180                   |
| 645.0111     | GEOTEXTILE TYPE OF SCHEDULE A                            | SY   | 50      | 50      | -      | 100                   |
| 645.0120     | GEOTEXTILE TYPE HR                                       | SY   | 65      | 65      | -      | 130                   |
|              | NON-BID ITEMS                                            |      |         |         |        |                       |
|              | FILLER                                                   | SIZE | -       | -       | -      | 1/2", 3/4",<br>1 1/2" |

### ABUTMENT BACKFILL DIAGRAM

= OUT TO OUT OF ABUTMENT BODY

- AVERAGE ABUTMENT ELL HEIGHT (FT)  
INCLUDING WINGS (FT)

= EXPANSION FACTOR (1.20 FOR CY BID)

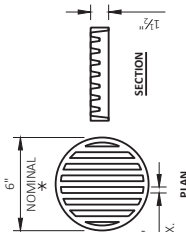
$$1/\sigma^2 = (L)(3.0')(H) + (L)(0.5)(1.5H)(H)$$
$$V_{CF}(EF)/2I$$


## 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 SET SCREWS.

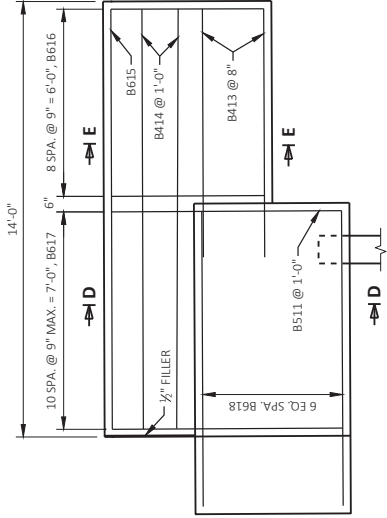


## TYPICAL SECTION THRU ABUTMENT

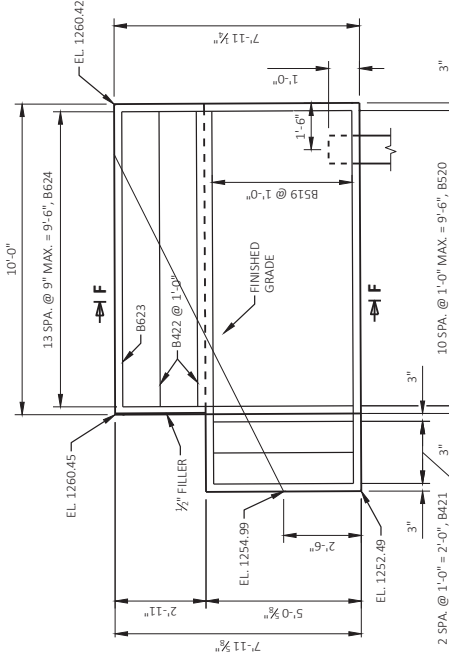
▲ BACKFILL PAY LIMITS, BACKFILL BEYOND PAY LIMITS SHALL BE INCIDENT TO EXCAVATION FOR STRUCTURES. LIMITS OF EXCAVATION SHALL BE DETERMINED BY THE CONTRACTOR

 PIPE UNDERDRAIN WRAPPED (6-INCH). SLOPE 0.5% MIN. TO SUITABLE DRAINAGE. ATTACH RODENT SHIELD AT ENDS OF PIPE UNDERDRAIN.

|                                                                                             |                    |                     |
|---------------------------------------------------------------------------------------------|--------------------|---------------------|
|  11/8/24 | REBAR QUANTITY     | JRM                 |
|                                                                                             | QUANTITY REVISION  | JRM                 |
| NO.                                                                                         | DATE               | BY                  |
| REVISION<br>STATE OF WISCONSIN<br>DEPARTMENT OF TRANSPORTATION                              |                    |                     |
| STRUCTURE B-37-477                                                                          |                    |                     |
| JRM<br>CDD<br>ALCO                                                                          | JRM<br>CDD<br>ALCO | JRM<br>CDD<br>ALCO  |
| TYPICAL SECTION &<br>QUANTITIES                                                             |                    | SHEET 2 OF 11<br>37 |



**WING 3 ELEVATION**  
(FRONT FACE)



**WING 4 ELEVATION**  
(FRONT FACE)

 SLOPE SAME AS SUPERSTRUCTURE:

 3/4" "V" GROOVE ON FRONT FACE OF WINGWALL.

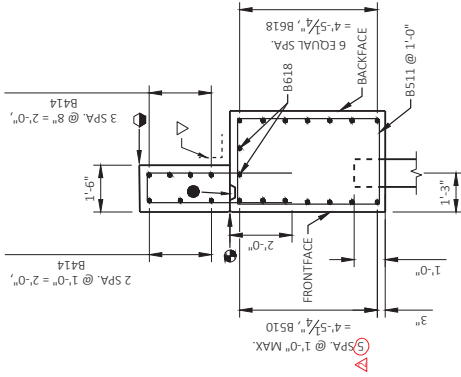
● OPT. KEYED CONST. JOINT - FORMED BY A SURFACED BEVELED 2" X 6".

18" RUBBERIZED MEMBRANE WATERPROOFING ON BACK FACE. NOT

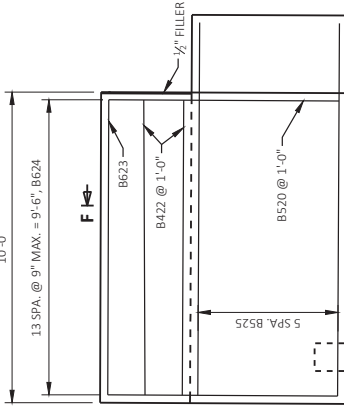
REQUIRED IF CONST. JT. IS NOT USED.

FOR PILE SPICE DETAIL SEE "ABUTMENT DETAILS" SHEET.

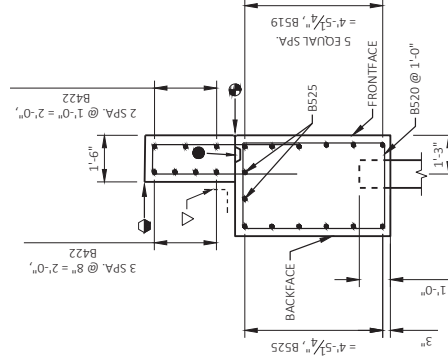
**WING 3 ELEVATION**  
(BACK FACE)



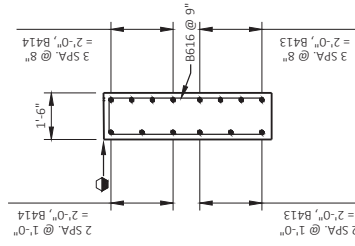
## SECTION D-D



**WING 4 ELEVATION**  
(BACK FACE)



## SECTION F-F



## SECTION E-E

|                                                    |                |               |
|----------------------------------------------------|----------------|---------------|
| 11/8/24                                            | REBAR QUANTITY | JRM           |
| NO.                                                | DATE           | BY            |
| STATE OF WISCONSIN<br>DEPARTMENT OF TRANSPORTATION |                |               |
| STRUCTURE B-37-477                                 |                |               |
| DRAWN BY                                           |                | DATE          |
| AMR GVO                                            |                | AJC           |
| NORTH ABUTMENT<br>DETAILS                          |                | SHEET 7 OF 11 |
|                                                    |                | 42            |

Addendum No. 02  
ID 6685-03-72  
Revised Sheet 42  
November 11, 2024

11/11/24

11/8/2024

11/8/2024

42

## NORTH ABUTMENT BILL OF BARS

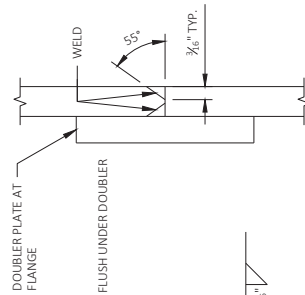
| BAR MARK | COAT | NO. | LENGTH  | BENT | LOCATION                 |
|----------|------|-----|---------|------|--------------------------|
| B401     |      | 7   | 28'-0"  | X    | ABOUT PILES - 1 PER PILE |
| B402     |      | 14  | 2'-3"   |      | ABOUT PILES - 2 PER PILE |
| B603     |      | 11  | 30'-2"  |      | ABOUT BODY - HORIZ       |
| B504     |      | 6   | 15'-10" |      | ABOUT BODY - HORIZ BF    |
| B805     |      | 6   | 16'-9"  | X    | ABOUT BODY - HORIZ BF    |
| B506     |      | 39  | 13'-8"  | X    | ABOUT BODY STIRRUPS      |
| B407     |      | 2   | 30'-2"  |      | ABOUT BODY HORIZ. TOP    |
| B408     |      | 21  | 3'-9"   | X    | ABOUT BODY STIRRUPS      |
| B510     | X    | 6   | 9'-4"   |      | WING 3 LOWER HORIZ FF    |
| B511     | X    | 8   | 15'-8"  | X    | WING 3 LOWER STIRRUP     |
| B412     |      | 3   | 4'-6"   |      | ABOUT FF - VERT          |
| B413     | X    | 7   | 7'-9"   |      | WING 3 UPPER HORIZ       |
| B414     | X    | 5   | 13'-6"  |      | WING 3 UPPER HORIZ FF    |
| B615     | X    | 2   | 13'-6"  |      | WING 3 UPPER HORIZ FF    |
| B616     | X    | 9   | 10'-8"  | X    | WING 3 UPPER VERT.       |
| B617     | X    | 11  | 10'-4"  | X    | WING 3 UPPER VERT.       |
| B618     | X    | 9   | 10'-5"  |      | WING 3 LOWER HORIZ BF    |
| B519     | X    | 6   | 13'-2"  |      | WING 4 LOWER HORIZ FF    |
| B520     | X    | 11  | 15'-6"  | X    | WING 4 LOWER STIRRUP     |
| B421     |      | 3   | 4'-6"   |      | ABOUT FF - VERT          |
| B422     | X    | 5   | 9'-6"   |      | WING 4 UPPER HORIZ FF    |
| B623     | X    | 2   | 9'-6"   |      | WING 4 UPPER HORIZ       |
| B624     | X    | 14  | 10'-4"  | X    | WING 4 UPPER VERT.       |
| B525     | X    | 8   | 10'-7"  |      | WING 4 LOWER HORIZ BF    |

11/8/2024

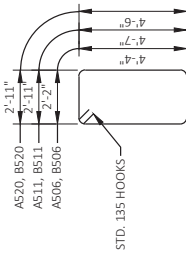
Anthony J. Castle  
E-43345  
OAK CREEK  
WI

PROFESSIONAL ENGINEER  
WISCONSIN

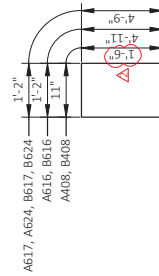
 SDR  
11/11/24



## HP WELD DETAIL

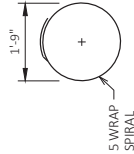


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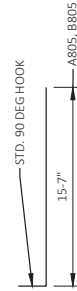
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## A805, B805

A401, B401



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Revised Sheet 43  
November 11, 2024



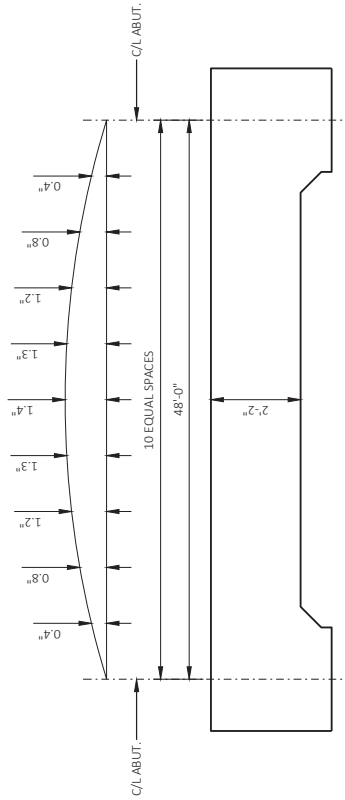
|                                                    |                |            |
|----------------------------------------------------|----------------|------------|
| 11/8/24                                            | REBAR QUANTITY | JRM        |
| NO.                                                | REVISION       | BY         |
| STATE OF WISCONSIN<br>DEPARTMENT OF TRANSPORTATION |                |            |
| STRUCTURE B-37-477                                 |                |            |
| DRAWN BY                                           |                | TRANS. AUC |
| AMR                                                |                | 8 OF 11    |
| SHEET                                              |                | 43         |
| ABUTMENT<br>DETAILS                                |                |            |

BILL OF BARS

| BAR MARK | COAT | NO. | LENGTH | BENT | LOCATION             |
|----------|------|-----|--------|------|----------------------|
| S1101    | X    | 54  | 44'-0" |      | SLAB LONG. BOT.      |
| S502     | X    | 77  | 30'-3" |      | SLAB TRANS. BOT.     |
| S503     | X    | 52  | 30'-3" |      | SLAB TRANS. TOP      |
| S504     | X    | 78  | 50'-6" |      | SLAB LONG. TOP       |
| S505     | X    | 62  | 7'-9"  | X    | END OF SLAB STIRRUP  |
| S506     | X    | 4   | 30'-0" |      | SLAB TRANS. BOT.     |
| S507     | X    | 56  | 6'-0"  |      | RAIL POST LONG. INT. |
| S508     | X    | 16  | 4'-7"  | X    | RAIL POST LONG. EXT. |
| S509     | X    | 36  | 12'-0" |      | RAIL POST TRANS.     |
| S410     | X    | 48  | 3'-3"  | X    | ABUT DIA U-BAR       |
| S411     | X    | 4   | 26'-2" |      | ABUT DIA TRANS.      |

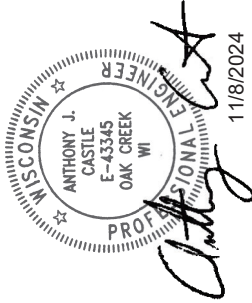
TOP OF SLAB ELEVATIONS

| LOCATION     | CL BRG. S. ABUT. | 0.1 PT | 0.2 PT | 0.3 PT | 0.4 PT | 0.5 PT | 0.6 PT | 0.7 PT | 0.8 PT | 0.9 PT | CL BRG. S. ABUT. |
|--------------|------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|------------------|
| W. EDGE DECK | 785.95           | 786.17 | 786.38 | 786.59 | 786.79 | 787.00 | 787.19 | 787.39 | 787.57 | 787.76 | 787.94           |
| E. EDGE DECK | 786.92           | 787.14 | 787.35 | 787.55 | 787.75 | 787.95 | 788.14 | 788.33 | 788.52 | 788.70 | 788.88           |



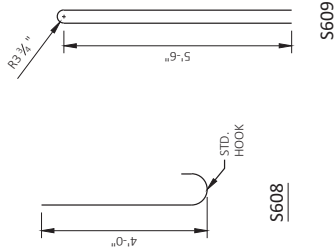
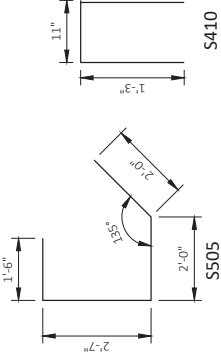
CAMBER AND SLAB THICKNESS DIAGRAM

CAMBER SHOWN IS BASED ON 3 TIMES DEAD LOAD DEFLECTION.  
CAMBER SPANS AS SHOWN TO PROVIDE FOR DEAD LOAD DEFLECTION AND FUTURE CREEP. CAMBER DOES NOT INCLUDE ALLOWANCE FOR FORM SETTLEMENT.  
PARAPETS PLACED ON TOP OF THE SLAB SHALL BE POURED AFTER FALSEWORK HAS BEEN REMOVED.



11/11/24

STATE PROJECT NUMBER  
6685-03-72



SURVEY TOP OF SLAB ELEVATIONS

| LOCATION     | CL N. ABUT. | 5/10 PTS. | CL S. ABUT. |
|--------------|-------------|-----------|-------------|
| W. EDGE DECK |             |           |             |
| E. EDGE DECK |             |           |             |
| CROWN        |             |           |             |

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

Addendum No. 02  
ID 6685-03-72  
Revised Sheet 45  
November 11, 2024

|                        |          |                              |     |
|------------------------|----------|------------------------------|-----|
| DATE                   | 11/8/24  | REBAR QUANTITY               | JRM |
| NO.                    |          | REVISION                     | BY  |
|                        |          | STATE OF WISCONSIN           |     |
|                        |          | DEPARTMENT OF TRANSPORTATION |     |
| STRUCTURE              | B-37-477 | DESIGNED BY                  | AMR |
|                        |          | CHECKED BY                   | AJC |
| SUPERSTRUCTURE DETAILS |          | SHEET 10 OF 11               |     |
|                        |          | 45                           |     |



## Proposal Schedule of Items

Page 2 of 5

Proposal ID: 20241112035 Project(s): 6685-03-72

Federal ID(s): WISC 2025055

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                 | 505.0400<br>Bar Steel Reinforcement HS Structures                         | 3,380.000<br>LB                | _____.     | _____.     |
| 0034                 | 505.0600<br>Bar Steel Reinforcement HS Coated Structures                  | 23,040.000<br>LB               | _____.     | _____.     |
| 0036                 | 506.0105<br>Structural Steel Carbon                                       | 510.000<br>LB                  | _____.     | _____.     |
| 0038                 | 513.4061<br>Railing Tubular Type M                                        | 155.000<br>LF                  | _____.     | _____.     |
| 0040                 | 516.0500<br>Rubberized Membrane Waterproofing                             | 22.000<br>SY                   | _____.     | _____.     |
| 0042                 | 521.1024<br>Apron Endwalls for Culvert Pipe Steel 24-Inch                 | 2.000<br>EACH                  | _____.     | _____.     |
| 0044                 | 521.3124<br>Culvert Pipe Corrugated Steel 24-Inch                         | 52.000<br>LF                   | _____.     | _____.     |
| 0046                 | 550.1100<br>Piling Steel HP 10-Inch X 42 Lb                               | 190.000<br>LF                  | _____.     | _____.     |
| 0048                 | 606.0300<br>Riprap Heavy                                                  | 90.000<br>CY                   | _____.     | _____.     |
| 0050                 | 612.0406<br>Pipe Underdrain Wrapped 6-Inch                                | 180.000<br>LF                  | _____.     | _____.     |
| 0052                 | 618.0100<br>Maintenance and Repair of Haul Roads (project) 01. 6685-03-72 | 1.000<br>EACH                  | _____.     | _____.     |
| 0054                 | 619.1000<br>Mobilization                                                  | 1.000<br>EACH                  | _____.     | _____.     |
| 0056                 | 624.0100<br>Water                                                         | 6.000<br>MGAL                  | _____.     | _____.     |
| 0058                 | 625.0100<br>Topsoil                                                       | 855.000<br>SY                  | _____.     | _____.     |
| 0060                 | 628.1504<br>Silt Fence                                                    | 630.000<br>LF                  | _____.     | _____.     |

