



Wisconsin Department of Transportation

December 3, 2025

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 #18: 4538-02-73, WISC 2026080
Brown Co, CTH KB
Neshota River Bridge
CTH KB
Brown County

Letting of December 9, 2025

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

Special Provisions:

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	7,870	710	8,580
505.0600	Bar Steel Reinforcement HS Coated Structures	LB	34,050	9,510	43,560

Plan Sheets:

Revised Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
87	Quantities, Cross Section & Notes
89	South Abutment
91	North Abutment
93	Abutment Details
96	Superstructure Details

Schedule of Items

Attached, dated December 3, 2025, 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: 87, 89, 91, 93, and 96.

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.

THE EXISTING STRUCTURE, B-5-8, IS A SINGLE SPAN STEEL DECK GIRDER BRIDGE ORIGINALLY CONSTRUCTED IN 1948. THE SUPERSTRUCTURE IS SUPPORTED ON CONCRETE ABUTMENTS ON TIMBER PILES. THE EXISTING BRIDGE HAS AN OVERALL LENGTH OF 72'-6" AND AN OVERALL WIDTH OF 29'-6". EXISTING STRUCTURE B-5-8 IS TO BE REMOVED.

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 3/4" UNLESS OTHERWISE NOTED.

THE UPPER LIMITS OF "EXCAVATION FOR STRUCTURES B-05-0485" 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 EXCAVATION 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, THE DECK EDGES, THE EXTERIOR 1'-0" OF THE UNDERSIDE OF THE DECK AND DIAPHRAGMS, THE EXPOSED TOP AND FRONT FACES OF THE WINGS TO 1'-0" PAST THE EDGE OF DECK ON THE ABUTMENTS.

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. RIPRAP SHALL NOT BE PLACED OUTSIDE OF THE LIMITS SHOWN OR BE PLACED BELOW OBSERVED HIGH WATER MARK.

THE EXISTING STREAM BED SHALL BE USED AS THE UPPER LIMITS OF EXCAVATION AT THE PIER.

AT PIER, COFFERDAM AND COFFERDAM Dewatering REQUIRED. COFFERDAM SHALL BE DEMOLISHED PRIOR TO PLACING PIER CONCRETE.

REMOVE AND SALVAGE THE EXISTING RAILINGS (INCLUDES RAILS, POSTS AND ALL ASSOCIATED HARDWARE). AFTER REMOVAL, THE RAILINGS ARE TO BE SET ASIDE AND SHALL REMAIN THE PROPERTY OF THE STATE OF WISCONSIN. THE CONTRACTOR WILL COORDINATE WITH BROWN COUNTY HIGHWAY DEPARTMENT, AS TO WHEN THE RAILING ARE READY TO BE PICKED UP. THIS SHALL BE INCIDENTAL TO "REMOVING STRUCTURE OVER WATERWAY" WITH MINIMAL DEBRIS B-05-0008.

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



12/1/2025

NO. DATE REVISION BY
A 12/1/24 ABUTMENT AND SUPER, REBAR DCH

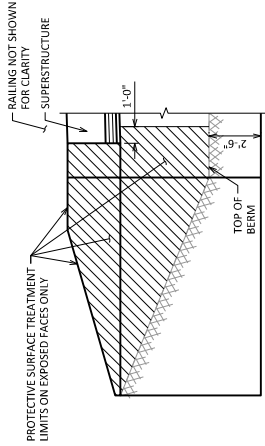
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-5-485

QUANTITIES, CROSS SECTION & NOTES

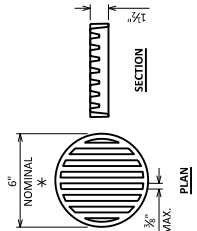
SHEET 2 OF 12

87



WING ELEVATION

SHOWING LIMITS OF PROTECTIVE SURFACE TREATMENT.
ALL WINGS SIMILAR.

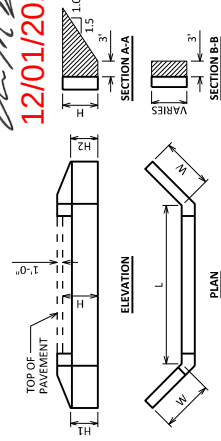


RODENT SHIELD DETAIL

* 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".

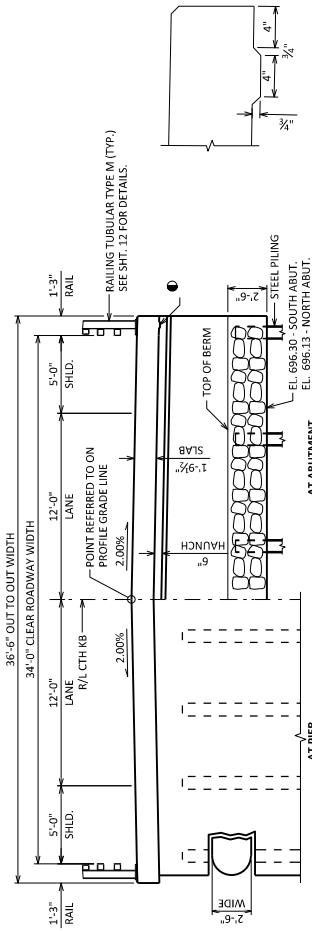
THE RODENT SHIELD SHALL BE A PVC GRATE SIMILAR TO THIS DETAIL. THE GRATE IS COMMERCIALY AVAILABLE AS A FLOOR STRAINER. A PIPE COUPLING AND SCREWS SHALL BE CONSIDERED INCIDENTAL TO THE BID ITEM "PIPE UNDERDRAIN WRAPPED 6-INCH". THE PIPE UNDERDRAIN, THE SHIELD SHALL BE FASTENED TO THE PIPE COUPLING WITH TWO OR MORE NO. 10 X 1-INCH STAINLESS STEEL SHEET METAL SCREWS.



ABUTMENT BACKFILL DIAGRAM

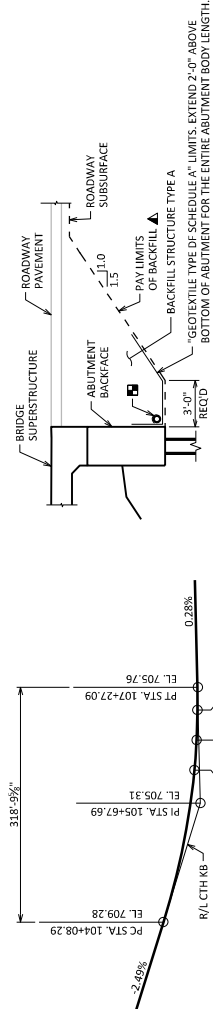
H1 = ABUTMENT BODY LENGTH AT BACKFACE (FT)
H2 = ABUTMENT BODY LENGTH AT TIP (FT)
W = WING 2 HEIGHT AT TIP (FT)
L = WING LENGTH (FT)
EF = EXPANSION FACTOR (1.20 FOR CY BID ITEMS AND 1.00 FOR TON BID ITEMS)
 $V_{CY} = V_{GE}(EF)/27$
 $V_{TON} = V_{CY}(2.0)$

Addendum No. 01
ID 4538-02-73
Revised Sheet 87
December 3, 2025



CROSS SECTION THRU ROADWAY LOOKING NORTH

SEE DRIP EDGE DETAIL



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.

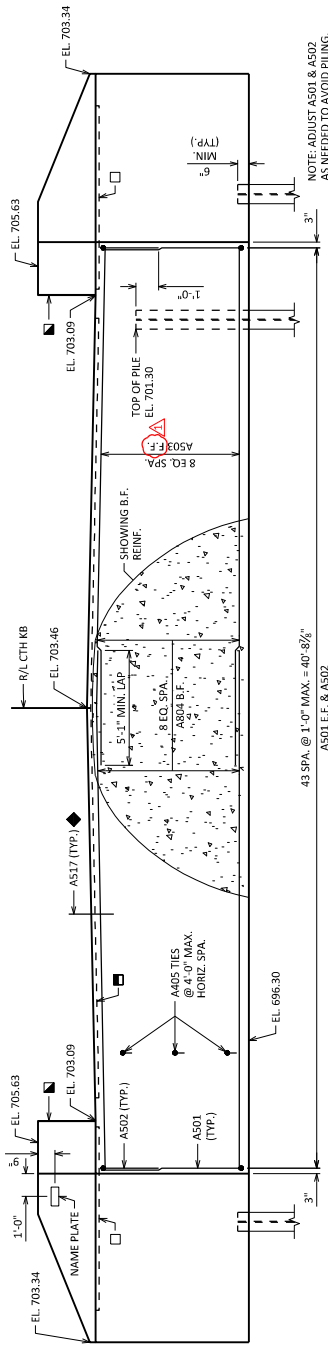
* PIPE UNDERDRAIN WRAPPED (6-INCH). SLOPE 0.5% MIN. TO SUITABLE DRAINAGE. ATTACH RODENT SHIELD AT ENDS OF PIPE UNDERDRAIN.

TOTAL ESTIMATED QUANTITIES

BID ITEM NUMBER	BID ITEMS	UNIT	SOUTH ABUT.	PIER 1	NORTH ABUT.	SUPER.	TOTALS
202.0711.5	ABATEMENT OF ASBESTOS CONTAINING MATERIAL STRUCTURE B-05-0008	EACH					1
203.0260	REMOVING STRUCTURE OVER WATERWAY WITH MINIMAL DEBRIS B-05-0008	EACH					1
206.1001	EXCAVATION FOR STRUCTURES BRIDGES B-05-0485	EACH					1
206.5001	COFFERDAMS B-05-0485	EACH					1
210.1500	BACKFILL STRUCTURE TYPE A	TON	290	280	211	353	570
502.0100	CONCRETE MASONRY BRIDGES	CY	40	63	39	211	353
502.3200	PROTECTIVE SURFACE TREATMENT	SY	20	20	395	435	435
502.9000.5	UNDERWATER SUBSTRUCTURE INSPECTION B-05-0485	EACH					1
505.0400	BAR STEEL REINFORCEMENT HS STRUCTURES	LB	2,770	3,040	2,770	8,580	8,580
505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	LB	1,510	80	1,510	40,460	43,560
513.0601	RAILING TUBULAR TYPE M	LF				169	169
550.0500	RUBBERIZED MEMBRANE WATERPROOFING	SY	10	116	10	20	20
550.0600	PRE-BORING ROCK OR CONSOLIDATED MATERIALS	LF	230	240	230	700	116
606.0300	PIPING STEEL HP 10-INCH X 42 LB	CY	210	200	200	610	410
612.0406	PIPE UNDERDRAIN WRAPPED 6-INCH	LF	65	65	65	130	130
645.0111	GEOTEXTILE TYPE DF SCHEDULE A	SY	40	40	40	80	80
645.0120	GEOTEXTILE TYPE HR	SY	350	350	350	680	680
SPV.0060.01	SUPERSTRUCTURE 3/4" X 5' 1/2" DRIP EDGES B-05-0485	EACH					1
	NON-BID ITEMS						
	FILLER	SIZE					1/2" & 3/4"

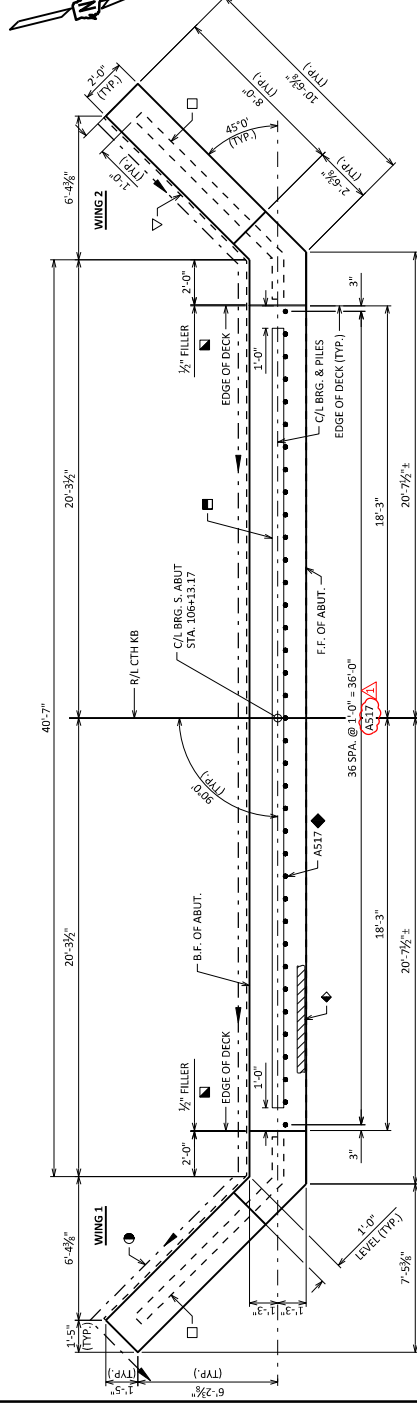
LEGEND

- ☆ SUPPORT ABUTMENTS ON PILING STEEL HP 10-INCH X 42 LB. SEE FOUNDATION DATA ON THIS SHEET AND PILE SPACE DETAIL ON SHEET 6.
 - PIPE UNDERDRAIN WRAPPED (6-INCH), SLOPE 0.5% MIN. TO SUITABLE DRAINAGE. DRAIN BOTH ABUTMENTS TO DOWNSTREAM SIDE OF BRIDGE. ATTACH RODENT SHIELD AT ENDS OF PIPE. SEE SHEET 2.
 - 1/2" FILLER TO EXTEND AS SHOWN. SEAL ALL EXPOSED HORIZONTAL AND VERTICAL SURFACES OF 1/2" FILLER WITH NON-STAINING GRAY NON-BITUMINOUS JOINT SEALER (1" DEEP AND HOLD 1/2" BELOW SURFACE OF CONCRETE).
 - ◆ AS17 AT 1'-0". BARS MAY BE PLACED AFTER CONCRETE HAS BEEN POURED BUT PRIOR TO ITS INITIAL SET. EMBED 1'-0".
 - ▽ 18" RUBBERIZED MEMBRANE WATERPROOFING. SEAL ALL HORIZONTAL AND VERTICAL JOINTS ON BACK FACE.
 - ◆ 4" X 1/2" FILLER TO EXTEND BETWEEN EDGES OF SLAB AT ABUTMENTS AND AROUND ENTIRE PERIMETER AT TOP OF PIER.
 - KEYED CONSTRUCTION JOINT FORMED BY BEVELED 2" X 6".
 - OPTIONAL CONSTRUCTION JOINT KEYWAY FORMED BY BEVELED 2" X 6", WITH RUBBERIZED MEMBRANE WATERPROOFING ON BACKFACE. (COST INCIDENTAL TO BID ITEM "CONCRETE MASONRY BRIDGES")
- B.F. = BACK FACE
F.F. = FRONT FACE
E.F. = EACH FACE

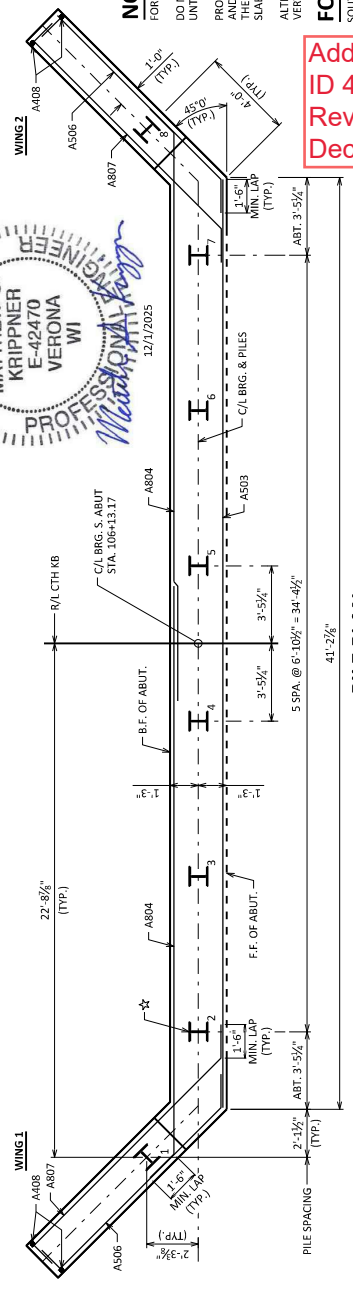


ELEVATION

(LOOKING SOUTH AT SOUTH ABUTMENT)



PLAN



TYPICAL SECTION THRU BODY

NOTES

- FOR WING DETAILS AND ELEVATIONS, SEE SHEET 5.
- DO NOT PLACE FILL ABOVE 3'-0" FROM BOTTOM OF ABUTMENT UNTIL SUPERSTRUCTURE IS IN PLACE.
- PROTECTIVE SURFACE TREATMENT TO BE APPLIED TO THE TOP AND EXTERIOR FACE OF WINGS; AND TO THE FRONT FACE OF THE ABUTMENT FROM THE WINGS TO 1'-0" PAST THE EDGE OF SLAB.
- ALTERNATE THE POSITION OF THE 90° AND 180° HOOKS AT EACH VERTICAL LAYER OF TIES.

FOUNDATION DATA

SOUTH ABUTMENT TO BE SUPPORTED ON PILING STEEL HP 10-INCH X 42 LB. DRIVING RESISTANCE OF 120 TONS, ESTIMATED 30 FEET LONG.

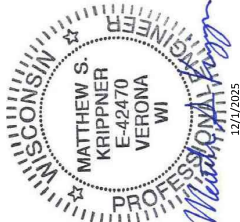
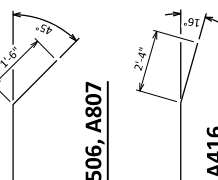
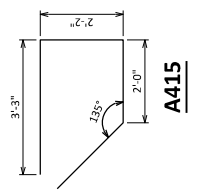
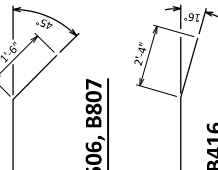
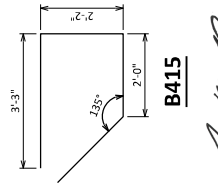
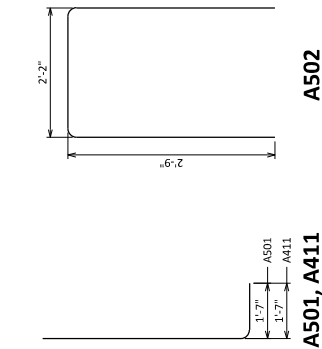
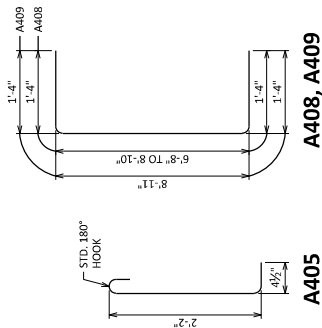
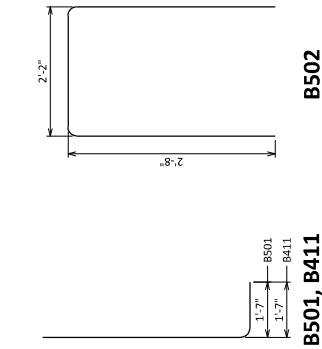
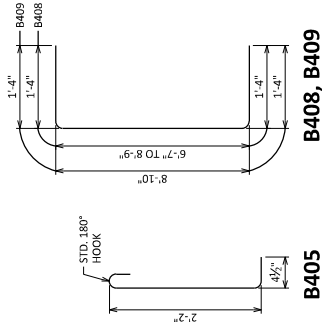
Addendum No. 01
ID 4538-02-73
Revised Sheet 89
December 3, 2025

PILE PLAN

NO.	DATE	REVISION	BY
12/1/25		ABUTMENT AND SUPER REBAR	DCH
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION			
STRUCTURE B-5-485			
DESIGNER	BY	DATE	MSK
DCH	MSK		
SHEET 4 OF 12			
89			

SOUTH ABUTMENT

Addendum No. 01
ID 4538-02-73
Revised Sheet 93
December 3, 2025



NORTH ABUTMENT BILL OF BARS

MARK	REQ'D	NO.	LENGTH	BENT	BAR SERIES	LOCATION	
NON-COATED BARS							
B501	88	7'-8"	X		N. ABUTMENT E.F.	TOTAL WEIGHT = 2,770 LBS VERT	
B502	24	7'-3"	X		N. ABUTMENT TOP		VERT
B503	9	41'-1"	X		N. ABUTMENT E.F.		HORIZ
B504	18	25'-6"	X		N. ABUTMENT B.F.		HORIZ
B405	33	3'-0"	X		N. ABUTMENT TIE		HORIZ
COATED BARS							
B506	18	11'-9"	X		WINGS 3 & 4 BODY F.F.	TOTAL WEIGHT = 1,510 LBS HORIZ	
B507	18	13'-4"	X		WINGS 3 & 4 BODY B.F.		HORIZ
B408	44	10'-2"	X	X	WINGS 3 & 4 E.F.		VERT
B409	8	11'-4"	X		WINGS 3 & 4 E.F.		VERT
B410	4	8'-9"	X		WINGS 3 & 4 E.F.		VERT
B411	12	5'-9"	X		WINGS 3 & 4 E.F.		VERT
B412	4	9'-3"	X		WINGS 3 & 4 UPPER E.F.		HORIZ
B413	4	7'-1"	X		WINGS 3 & 4 UPPER E.F.		HORIZ
B414	4	4'-10"	X		WINGS 3 & 4 UPPER E.F.		HORIZ
B415	8	9'-5"	X	X	WINGS 3 & 4 UPPER TIE		HORIZ
B416	4	10'-6"	X		WINGS 3 & 4 UPPER E.F.		HORIZ
B517	37	2'-0"	X		N. ABUTMENT DOWEL	VERT	

SOUTH ABUTMENT BILL OF BARS

MARK	NO.	REQ'D	LENGTH	BENT	BAR SERIES	LOCATION	
NON-COATED BARS							
A501	88	7'-8"	X		S. ABUTMENT E.F.	TOTAL WEIGHT = 2,770 LBS	
A502	44	7'-3"	X		S. ABUTMENT TOP		VERT.
A503	9	41'-1"	X		S. ABUTMENT E.F.		HORIZ.
A504	18	25'-6"	X		S. ABUTMENT B.F.		HORIZ.
A505	33	3'-0"	X		S. ABUTMENT TIE		HORIZ.
COATED BARS							
A506	18	11'-9"	X		WINGS 1 & 2 BODY F.F.	TOTAL WEIGHT = 1,510 LBS	
A507	18	13'-4"	X		WINGS 1 & 2 BODY B.F.		HORIZ.
A408	44	10'-3"	X	X	WINGS 1 & 2 E.F.		VERT.
A409	8	11'-5"	X		WINGS 1 & 2 E.F.		VERT.
A410	4	8'-11"	X		WINGS 1 & 2 E.F.		VERT.
A411	12	5'-9"	X	X	WINGS 1 & 2 E.F.		VERT.
A412	4	9'-3"	X		WINGS 1 & 2 UPPER E.F.		HORIZ.
A413	4	7'-1"	X		WINGS 1 & 2 UPPER E.F.		HORIZ.
A414	4	4'-10"	X		WINGS 1 & 2 UPPER E.F.		HORIZ.
A415	8	9'-5"	X	X	WINGS 1 & 2 UPPER TIE		HORIZ.
A416	4	10'-6"	X		WINGS 1 & 2 UPPER E.F.		HORIZ.
A517	37	2'-0"	X		S. ABUTMENT DOWEL	VERT.	

BAR SERIES

MARK	NO. REQ'D	LENGTH
A408	4 SETS OF 11	9'-2" TO 11'-4"
B408	4 SETS OF 11	9'-1" TO 11'-3"

NOTES

DIMENSIONS IN BENDING DETAILS ARE OUT OF BAR.
LENGTHS SHOWN FOR BAR IS AN AVERAGE LENGTH AND SHOULD ONLY BE USED
FOR BAR WEIGHT CALCULATIONS. SEE BAR SERIES TABLE FOR ACTUAL LENGTHS.

STRUCTURE B-5-485

DESIGNED BY DCH
CHECKED BY MSK

SHEET 8 OF 12

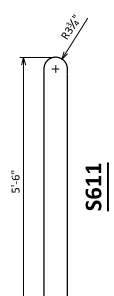
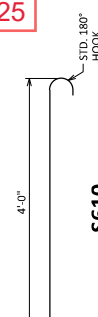
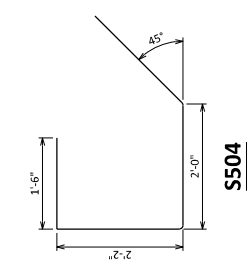
ABUTMENT
DETAILS

93

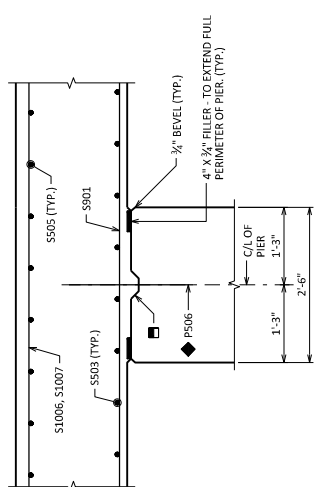
SUPERSTRUCTURE BILL OF BARS

MARK	REQ'D	NO.	LENGTH	BENT	BAR SERIES	LOCATION
		COATED BARS				(TOTAL WEIGHT = 40,460 LBS.)
S501	74	45'-4"			SLAB BOTTOM	LONGIT.
S502	72	31'-1"			SLAB BOTTOM	TRANSV.
S503	107	36'-2"			SLAB AT ABUTMENT	LONGIT.
S504	74	7'-5"		X	SLAB AT ABUTMENT	TRANSV.
S505	85	36'-2"			SLAB TOP	LONGIT.
S506	37	48'-0"			SLAB TOP OVER PIER	LONGIT.
S507	36	22'-0"			SLAB TOP	LONGIT.
S508	74	20'-8"			SLAB AT INTERIOR RAIL POSTS	LONGIT.
S509	56	6'-0"		X	SLAB AT END RAIL POSTS	LONGIT.
S510	16	4'-8"			SLAB AT RAIL POSTS	TRANSV.
S511	56	11'-4"		X	SLAB AT RAIL POSTS	TRANSV.

LENGTH SHOW FOR BAR IS AN AVERAGE LENGTH AND SHOULD ONLY BE USED FOR BAR WEIGHT CALCULATIONS. SEE BAR SERIES TABLE FOR ACTUAL LENGTHS.

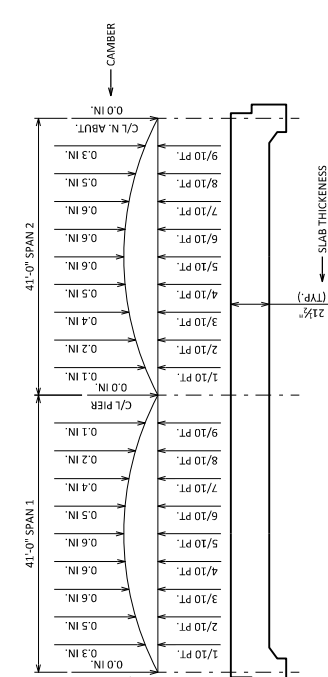


Addendum No. 01
ID 4538-02-73
Revised Sheet 96
December 3, 2025



PIER DETAIL

PARTIAL LONGITUDINAL SECTION



CAMBER AND SLAB THICKNESS DIAGRAM

CAMBER SHOWN IS BASED ON 3 TIMES DEAD LOAD DEFLECTIONS. CAMBER DOES NOT INCLUDE ALLOWANCE FOR FORM SETTLEMENT.

TO DETERMINE FALSEWORK ELEVATION AT EDGE OF SLAB, CROWN OR REFERENCE LINE FOLLOW THIS PROCEDURE:

- LESS SLAB THICKNESS
- PLUS CAMBER
- EQUALS TOP OF SLAB FALSEWORK ELEVATION

TOP OF DECK ELEVATIONS

	CL BRG. S. ABUT.	21/10 PT.	31/10 PT.	41/10 PT.	51/10 PT.	61/10 PT.	71/10 PT.	81/10 PT.	91/10 PT.	CL BRG. N. ABUT.
WEST EDGE OF DECK	705.63	705.58	705.55	705.53	705.51	705.48	705.47	705.45	705.43	705.34
R/L CTH KB	705.00	705.97	705.95	705.90	705.88	705.85	705.84	705.82	705.80	705.71
EAST EDGE OF DECK	705.63	705.60	705.55	705.53	705.51	705.48	705.47	705.45	705.43	705.34

NO.	DATE	REVISION	BY
A 12/1/25		ABUTMENT AND SUPER. REBAR	DCH

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-5-485	
DESIGNED BY	REVIEWED BY
DCH	MSK
SHEET 11 OF 12	
SUPERSTRUCTURE DETAILS	



Proposal Schedule of Items

Page 2 of 6

Proposal ID: 20251209018 Project(s): 4538-02-73

Federal ID(s): WISC 2026080

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	155.000 TON	_____.	_____.
0034	305.0120 Base Aggregate Dense 1 1/4-Inch	545.000 TON	_____.	_____.
0036	311.0110 Breaker Run	1,115.000 TON	_____.	_____.
0038	455.0605 Tack Coat	80.000 GAL	_____.	_____.
0040	460.2000 Incentive Density HMA Pavement	260.000 DOL	1.00000	260.00
0042	460.6223 HMA Pavement 3 MT 58-28 S	220.000 TON	_____.	_____.
0044	460.6224 HMA Pavement 4 MT 58-28 S	180.000 TON	_____.	_____.
0046	502.0100 Concrete Masonry Bridges	353.000 CY	_____.	_____.
0048	502.3200 Protective Surface Treatment	435.000 SY	_____.	_____.
0050	502.9000.S Underwater Substructure Inspection (structure) 01. B-05-0485	1.000 EACH	_____.	_____.
0052	505.0400 Bar Steel Reinforcement HS Structures	8,580.000 LB	_____.	_____.
0054	505.0600 Bar Steel Reinforcement HS Coated Structures	43,560.000 LB	_____.	_____.
0056	513.4061 Railing Tubular Type M	169.000 LF	_____.	_____.
0058	516.0500 Rubberized Membrane Waterproofing	20.000 SY	_____.	_____.
0060	520.1024 Apron Endwalls for Culvert Pipe 24-Inch	2.000 EACH	_____.	_____.