



# 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

August 29, 2022

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

### NOTICE TO ALL CONTRACTORS:

**Proposal #22: 7834-00-70**  
**T Reseburg, Broek Road**  
**Br S Fk Eau Claire River Br B100390**  
**Loc Str**  
**Clark County**

### Letting of September 13, 2022

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

#### Special Provisions:

Deleted Special Provisions	
Article No.	Description
15	Flashing Stainless Steel, Item SPV.0090.01

#### Schedule of Items:

Deleted Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
SPV.0090.01	Flashing Stainless Steel	LF	93.8	-93.8	0

#### Plan Sheets:

Revised Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of why sheet was added)
25	Structure Plan (removed flashing)
26	Quantities and Notes (removed flashing item)
27	Structure Details (removed flashing details)
35	Superstructure (removed flashing)

**Schedule of Items**

Attached, dated August 29, 2022, are the revised Schedule of Items Page 4.

**Plan Sheets**

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

Revised: 25, 26, 27, and 35.

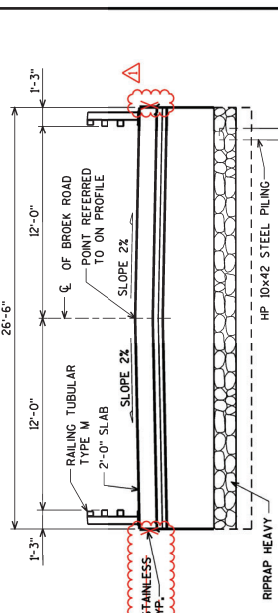
The responsibility for notifying potential subcontractors and suppliers of these changes remains with the prime contractor.

Sincerely,

*Mike Coleman*

Proposal Development Specialist  
Proposal Management Section

END OF ADDENDUM



**TYPICAL SECTION THRU BRIDGE**

DESIGN DATA  
LIVE LOAD: HS-20  
DESIGN LOAD: HL-93  
OPERATING RATING FACTOR: 1.38  
WISCONSIN STANDARD PERMIT VEHICLE (WIS-SPV) = 250 KIPS  
STRUCTURE IS DESIGNED FOR A FUTURE WEARING SURFACE OF 20' x 5' F.

MATERIAL PROPERTIES:  
CONCRETE MASONRY SUPERSTRUCTURE  $f_c = 4,000$  P.S.I.  
OTHER CONCRETE  $f_c = 3,500$  P.S.I.  
HIGH STRENGTH BAR STEEL REINFORCEMENT (GRADE 60)  $f_y = 60,000$  P.S.I.

HYDRAULIC DATA:  
100 YEAR FREQUENCY  
 $Q_{100} = 1,080$  C.F.S.  
 $VEL_{100} = 7.7$  F.P.S.  
 $HW_{100} = EL. 1156.19$   
WATERWAY AREA = 140 SQ. FT.  
DRAINAGE AREA = 6.2 SQ. MI.  
SCOUR CRITICAL CODE = 5  
DATUM = NAVD88 (2012)

FOUNDATION DATA:  
ABUTMENTS TO BE SUPPORTED ON HP 10 X 42 STEEL PILING DRIVEN TO A REQUIRED DRIVING RESISTANCE OF 140 TONS \* PER PILE AS DETERMINED BY THE MODIFIED GATES DYNAMIC FORMULA, ESTIMATED LENGTH 30'-0\"/>

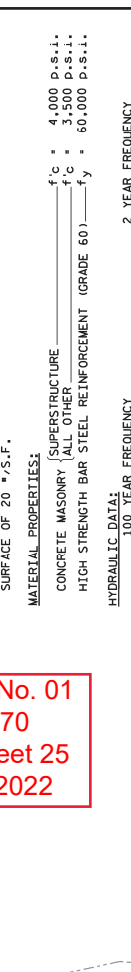
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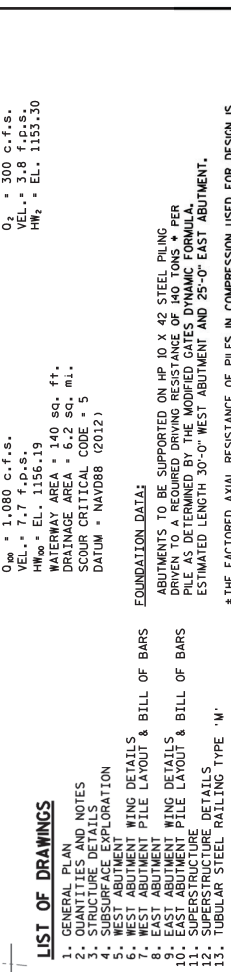
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ABUTMENTS TO BE SUPPORTED ON HP 10 X 42 STEEL PILING DRIVEN TO A REQUIRED DRIVING RESISTANCE OF 140 TONS \* PER PILE AS DETERMINED BY THE MODIFIED GATES DYNAMIC FORMULA, ESTIMATED LENGTH 30'-0\"/>

**ADDENDUM NO. 01**  
**ID 7834-00-70**  
**REVISED SHEET 25**  
**AUGUST 29, 2022**



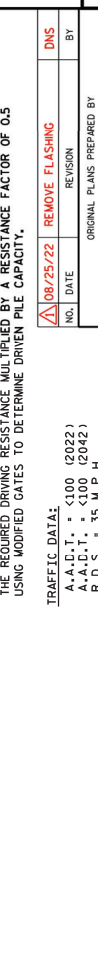
**LIST OF DRAWINGS**

- GENERAL PLAN
- QUANTITIES AND NOTES
- STRUCTURE DETAILS
- ABUTMENT DETAILS
- WEST ABUTMENT EXPLORATION
- WEST ABUTMENT
- WEST ABUTMENT PILE LAYOUT & BILL OF BARS
- WEST ABUTMENT WING DETAILS
- EAST ABUTMENT
- EAST ABUTMENT WING DETAILS
- EAST ABUTMENT PILE LAYOUT & BILL OF BARS
- SUPERSTRUCTURE DETAILS
- SUPERSTRUCTURE DETAILS
- TUBULAR STEEL RAILING TYPE 'M'



**ELEVATION**  
(NORMAL TO  $\epsilon$  OF RIVER)

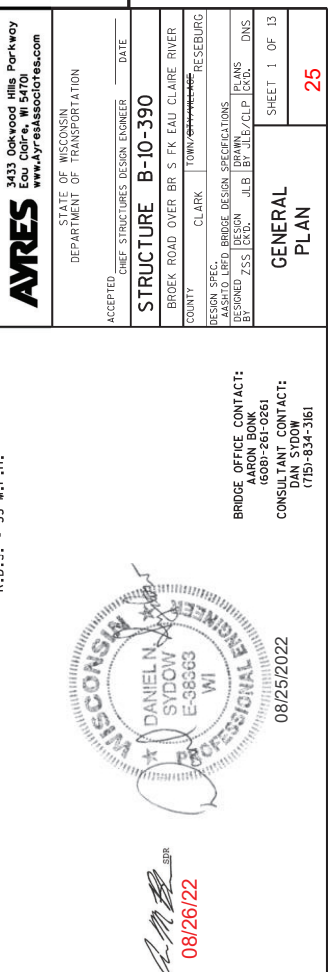
REMOVE EXISTING SUBSTRUCTURE AS NEEDED. COST ITEM TYPICAL AT ALL SUBSTRUCTURES.



**TRAFFIC FLASHING**

NO. DATE REVISION BY

ORIGINAL PLANS PREPARED BY  
**AVRES**  
3411 Okwood Hills Parkway  
Eau Claire, WI 54601  
www.avresassociates.com



**GENERAL PLAN**

STATE OF WISCONSIN  
DEPARTMENT OF TRANSPORTATION  
ACCEPTED: CHIEF STRUCTURES DESIGN ENGINEER DATE

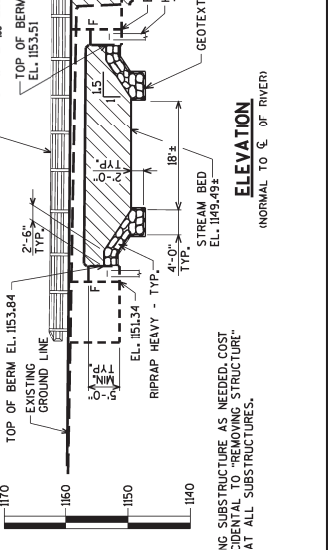
**STRUCTURE B-10-390**

COUNTY CLARK TOWNSHIP RESEBURG

DESIGN SPEC. AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS  
APPROVED FOR CONSTRUCTION BY SIGNED ZSS (JLB BY WJL/CLP/CND) DNS

SHEET 1 OF 13  
**25**

DATE: \_\_\_\_\_



**PLAN**

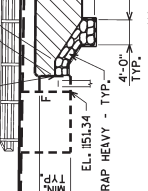
SINGLE SPAN CONCRETE FLAT SLAB BRIDGE

PROPOSED CHANNEL REALIGNMENT

COST OF EXCAVATION OR FILL IN THE HATCHED AREA SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. COST SUM PRICE FOR EXCAVATION FOR STRUCTURES BRIDGES B-10-390.



**ELEVATION**  
(NORMAL TO  $\epsilon$  OF RIVER)



08/26/22

08/25/2022

BRIDGE OFFICE CONTACT:  
1609-261-0261

CONSULTANT CONTACT:  
DAN SYDOW  
(715)-834-3161

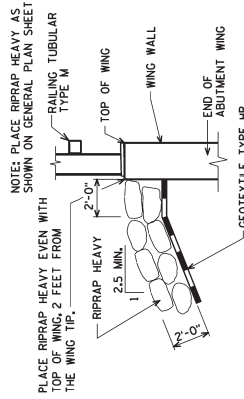
**TOTAL ESTIMATED QUANTITIES**

BID ITEM NUMBER	BID ITEMS	UNIT	W. ABUT.	E. ABUT.	SUPER.	TOTAL
203-0260	REMOVING STRUCTURE OVER WATERWAY MINIMAL DEBITS P-10-917	EACH	-----	-----	-----	1
206-1000	EXCAVATION FOR STRUCTURES BRIDGES B-10-390	L.S.	-----	-----	-----	1
206-5000	COFFERDAMS B-10-390	L.S.	-----	-----	-----	1
210-1500	BACKFILL STRUCTURE TYPE 4	TON	130	130	-----	260
202-0300	CONCRETE MASONRY BRIDGES	CY	33.2	33	96.6	163
202-3200	PROTECTIVE SURFACE TREATMENT	SY	110	110	-----	220
502-0200	BAR STEEL REINFORCEMENT HS STRUCTURES	LB	1,900	1,900	-----	3,800
502-0800	STRUTTING AND BRACING HS COATED STRUCTURES	LB	1,560	1,560	-----	3,120
506-0100	STEEL TYPE W	LB	522	522	-----	1,044
513-4050	RAILING TUBULAR	LF	24.5	24.5	93.8	142.8
516-0500	RUBBERIZED MEMBRANE WATERPROOFING	SY	10	10	-----	20
550-1300	PILING STEEL HP 10-INCH X 42 LB	LF	150	125	-----	275
606-0300	RIPRAP HEAVY	CY	135	155	-----	290
612-0400	PIPE UNDERDRAIN WRAPPED 6-INCH	LF	75	75	-----	150
645-0111	GEOTEXTILE TYPE DF SCHEDULE A	SY	55	55	-----	110
645-0120	GEOTEXTILE TYPE HR	SY	265	320	-----	585
SPV-0010-01	FLASHING STAINLESS STEEL	LF	-----	-----	93.8	93.8
	NON-BID ITEMS	SIZE	-----	-----	-----	1/2" & 3/4"
	FILLER	SIZE	-----	-----	-----	-----

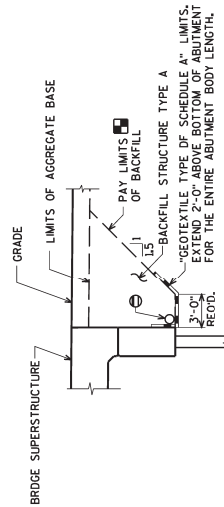
**GENERAL NOTES**

- DRAWINGS SHALL NOT BE SCALED.
- BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2" CLEAR UNLESS SHOWN OR NOTED OTHERWISE.
- THE FIRST DIGIT OF A THREE DIGIT BAR NO. AND THE FIRST TWO DIGITS OF A FOUR DIGIT BAR NO. SIGNIFIES THE BAR SIZE.
- CONCRETE DIMENSIONS OF THE STRUCTURES OF A.A.S.H.T.O. DESIGNATION W 153, TYPE 1, 11 OR 111 OR A.A.S.H.T.O. DESIGNATION M 213.
- THE SLOPE OF THE FILL IN FRONT OF THE ABUTMENTS SHALL BE COVERED WITH RIPRAP HEAVY AND GEOTEXTILE PLAIN SHEET AND IN THE ABUTMENT DETAILS.
- SLAB FALSEWORK SHALL BE SUPPORTED ON PILES OR THE SUBSTRUCTURE UNLESS AN ALTERNATE METHOD IS APPROVED BY THE ENGINEER.
- THE UPPER LIMITS OF EXCAVATION FOR STRUCTURES BRIDGES SHALL BE THE EXISTING FINISH GRADE.
- THE EXISTING STRUCTURE P-10-917 TO BE REMOVED, IS A 23.7-FT. LONG SINGLE-SPAN NAIL-LAMINATED TIMBER FLAT CLEAR BRIDGE ON TIMBER ABUTMENTS WITH A 22.2-FT. CLEAR ROADWAY WIDTH.
- QUANTITIES ARE BASED ON THE PAY LIMITS SHOWN ON THE PLAN AND MAY NOT REFLECT ACTUAL PLACES QUANTITIES. BACKFILL STRUCTURE TYPE A\* REQUIRED DIRECTLY BEHIND ABUTMENTS AND ABUTMENTS WINGS FOR 3 FEET.
- BACKFILL PLACED BEYOND PAY LIMITS OR EXCEEDING PLAN QUANTITIES SHALL BE INCIDENTAL TO EXCAVATION FOR STRUCTURES. THIS STATEMENT IS TO BE APPLIED AS SHOWN IN DETAIL ON THIS SHEET.
- BEVEL EXPOSED EDGES OF CONCRETE 3/4" UNLESS NOTED OTHERWISE.
- 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 THE BOTTOM OF EXCAVATION.
- EXTENT OF BELOW GRADE SUBSTRUCTURES ARE NOT KNOWN. REMOVE EXISTING SUBSTRUCTURES AS NEEDED TO BUILD NEW SUBSTRUCTURES. COST OF SUBSTRUCTURE REMOVAL IS CONSIDERED INCIDENTAL TO "REMOVING STRUCTURE" BID ITEM.
- ALLOW ABUTMENTS TO BE FLOODED UNDER WATER WILL BE INCIDENTAL TO EXCAVATION FOR STRUCTURE WITH SECTION 502.3.5.3 OF THE STANDARD SPECIFICATIONS.

Addendum No. 01  
ID 7834-00-70  
Revised Sheet 25  
August 29, 2022

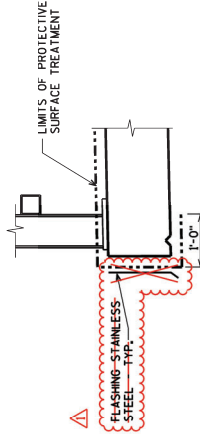


**TYPICAL FILL SECTION AT WING TIPS**

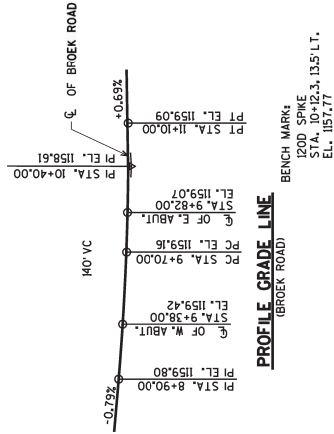


**BACKFILL STRUCTURE LIMITS THRU ABUTMENT**

- BACKFILL PAY LIMITS. BACKFILL BEYOND BACKFILL 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% SHALL BE INCIDENTAL TO EXCAVATION FOR STRUCTURES. PAYMENT SHALL BE FOR THE UNDERDRAIN AS DETAILED ON SHEET 3.



**PROTECTIVE SURFACE TREATMENT DETAIL**



**PROFILE GRADE LINE (BROEK ROAD)**

BENCH MARK:  
1200 SPIKE  
STA. 10+12+3, 135' LT.  
EL. 1157.77

NO.	DATE	REVISION	BY
1	08/25/22	REMOVE FLASHING	DNS

STATE OF WISCONSIN  
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-10-390

DESIGNED BY	PLANNED BY
JULIAN J. LEPP	ZSS

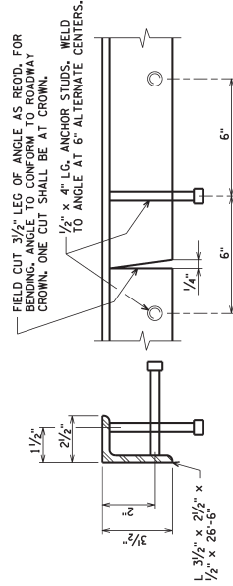
QUANTITIES AND NOTES	SHEET 2 OF 13
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ORIGINAL PLANS PREPARED BY  
3433 Oakwood Hills Parkway  
Eau Claire, WI 54601  
www.avresinc.com



26

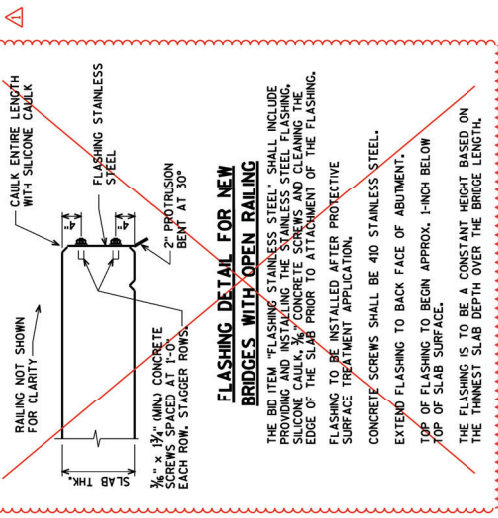
Addendum No. 01  
ID 7834-00-70  
Revised Sheet 25  
August 29, 2022



NO SPICE SHALL BE PERMITTED IN ANGLES

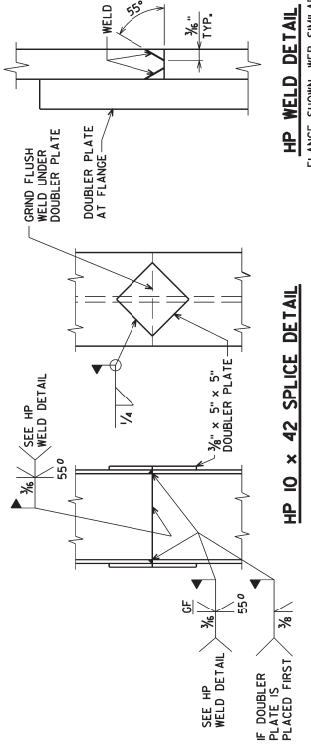
**PROTECTION ANGLE DETAIL**

ANGLE AND STUDS TO BE PAID FOR AT THE UNIT PRICE BID FOR "STRUCTURAL STEEL CARBON", (NO PAINT REQD.) SANDBLAST PROTECTION ANGLE AFTER FABRICATION TO BE PAID FOR AT THE UNIT PRICE BID FOR "CONCRETE CLEANING", AFTER BLAST CLEANING, THE PROTECTION ANGLE SHALL BE HOT DIPPED GALVANIZED.



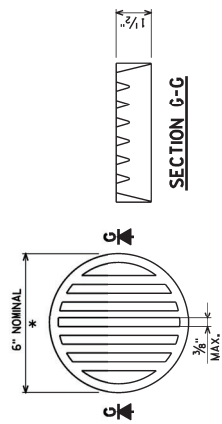
**FLASHING DETAIL FOR NEW BRIDGES WITH OPEN RAILING**

THE BID ITEM "FLASHING STAINLESS STEEL" SHALL INCLUDE PROVIDING AND INSTALLING THE STAINLESS STEEL FLASHING, SILICONE CAULK, 3/8" CONCRETE SCREWS AND CLEANING THE EDGE OF THE SLAB PRIOR TO ATTACHMENT OF THE FLASHING. FLASHING TO BE INSTALLED AFTER PROTECTIVE SURFACE TREATMENT APPLICATION. CONCRETE SCREWS SHALL BE 400 STAINLESS STEEL. EXTEND FLASHING TO BACK FACE OF ABUTMENT. TOP OF FLASHING TO BEGIN APPROX. 1-INCH BELOW TOP OF SLAB SURFACE. THE FLASHING IS TO BE A CONSTANT HEIGHT BASED ON THE THINNEST SLAB DEPTH OVER THE BRIDGE LENGTH.



**HP WELD DETAIL**  
FLANGE SHOWN, WEB SIMILAR

**HP 10 x 42 SPLICE 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 PVC GRATE SIMILAR TO THIS DETAIL. THE GRATE IS COMMERCIALY AVAILABLE AS A FLOOR STRAINER. A PIPE COUPLING SHALL BE INSTALLED 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 SHEET METAL SCREWS.

**RODENT SHIELD DETAIL**



08/25/2022

NO.	DATE	REVISION	DNS
1	08/25/22	REMOVE FLASHING	
BY			
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION			
STRUCTURE B-10-390			
DESIGNED BY	CLIP	PLANS	ZSS
STRUCTURE DETAILS			SHEET 3 OF 13
			27

08/26/22

ORIGINAL PLANS PREPARED BY  
3433 Oakwood Hills Parkway  
Eau Claire, WI 54601  
www.avresinc.com



STATE PROJECT NUMBER

7834-00-70

**BILL OF BARS.**

BAR NO.	COATED BAR	NO. REQ'D.	LENGTH	BAR SERIES	LOCATION
S501	X	54	6'-3"	X	SLAB @ ABUT.
S502	X	54	3'-9"	X	SLAB @ ABUT.
S1103	X	48	41'-0"	X	SLAB LONG. BOT.
S504	X	66	30'-2"	X	SLAB TRANS. BOT.
S505	X	47	30'-2"	X	SLAB TRANS. TOP
S406	X	66	24'-1"	X	SLAB LONG. TOP
S607	X	32	12'-0"	X	SLAB @ RAIL POSTS
S608	X	48	6'-0"	X	SLAB @ INT. RAIL POSTS
S609	X	16	6'-0"	X	SLAB @ END RAIL POSTS

BENDING DIMENSIONS ARE OUT TO OUT OF BARS.

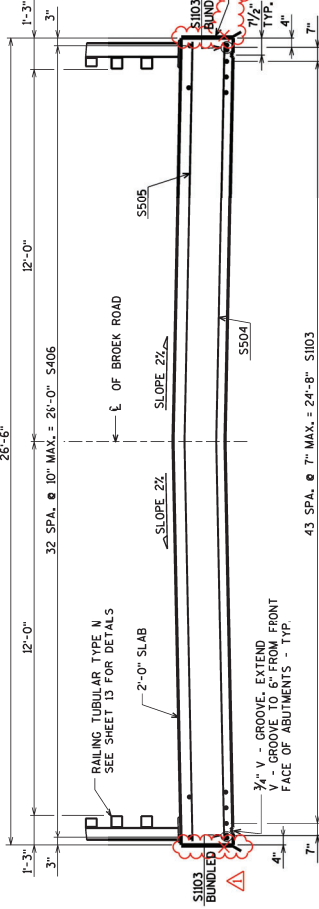
TOP TRANSVERSE BARS IN SLAB SHALL BE AT APPROXIMATELY 3'-0" CENTERS EACH WAY. LONGITUDINAL BARS SHALL BE SUPPORTED BY CONTINUOUS BAR CHAIRS AT APPROXIMATELY 4'-0" CENTERS.

ALL SLAB THICKNESS DIMENSIONS ARE MINIMUM. ANY TOLERANCES NECESSARY TO CORRECT CONSTRUCTION DISCREPANCIES ARE TO BE PLUS (+).

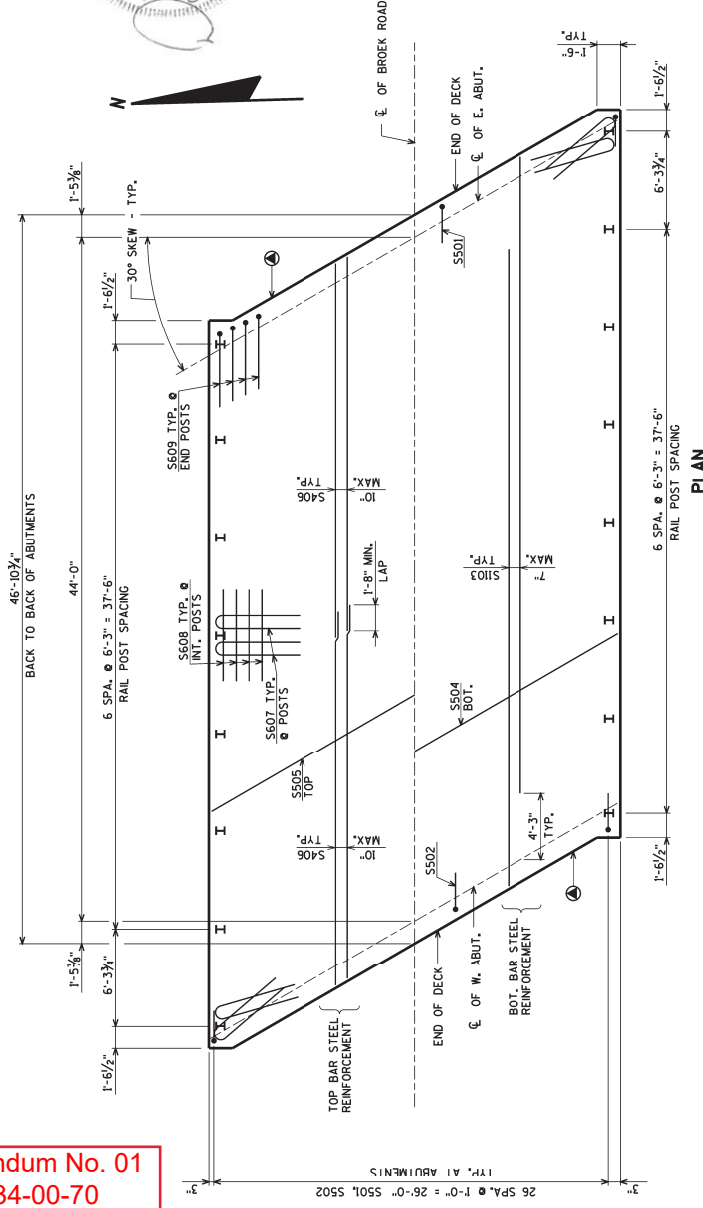
FLASHING- STAINLESS-STEEL - TYP. SEE SHEET 1 FOR DETAILS.

WIRE BARS TOGETHER @ 2'-0" CENTERS

**BUNDLING DETAIL**



**TYPICAL SECTION THRU BRIDGE**



**PLAN**

08/26/22



08/25/2022

PROTECTION ANGLE - FOR DETAIL SEE SHEET 3

NO.	DATE	REVISION	DNS
1	08/25/22	REMOVE FLASHING	

STATE OF WISCONSIN  
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-10-390

DESIGNED BY: JAWAY  
CHECKED BY: CLP  
DRAWN BY: ZSS

ORIGINAL PLANS PREPARED BY:  
3433 Oakwood Hills Parkway  
Eau Claire, WI 54601  
www.dyns.com

**AVRES**

SUPERSTRUCTURE

SHEET 11 OF 13

35



Proposal Schedule of Items

Proposal ID: 20220913022 Project(s): 7834-00-70

Federal ID(s): N/A

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0100	650.6500 Construction Staking Structure Layout (structure) 01. B-10-0390	LS	LUMP SUM	_____.
0102	650.9910 Construction Staking Supplemental Control (project) 01. 7834-00-70	LS	LUMP SUM	_____.
0104	650.9920 Construction Staking Slope Stakes	437.000 LF	_____.	_____.
0106	715.0502 Incentive Strength Concrete Structures	948.000 DOL	1.00000	948.00
0108	999.2000.S Installing and Maintaining Bird Deterrent System (station) 01. 10+00	1.000 EACH	_____.	_____.
Section: 0001			Total:	_____.
			Total Bid:	_____.

