



# Wisconsin Department of Transportation

November 4, 2015

**Division of Transportation Systems Development**

Bureau of Project Development  
 4802 Sheboygan Avenue, Rm 601  
 P O Box 7916  
 Madison, WI 53707-7916

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

**NOTICE TO ALL CONTRACTORS:**

**Proposal #08: 6090-06-75, WISC 2015 572**  
**Main Street, City of Waupun**  
**County Park Rd. to State St.**  
**STH 49**  
**Dodge / Fond du Lac Counties**

**6090-06-76**  
**Main Street, City of Waupun**  
**County Park Rd. to State St.**  
**Sanitary Sewer and Watermain**  
**STH 49**  
**Dodge / Fond du Lac Counties**

**Letting of November 10, 2015**

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

**Schedule of Items**

Revised Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
504.0100	Concrete Masonry Culverts	CY	285	282	282
505.0410	Bar Steel Reinforcement HS Culverts	LB	50170	49950	49950
606.0300	Riprap Heavy	CY	205	270	270
645.0120	Geotextile Fabric Type 'HR'	SY	400	500	500

**Plan Sheets**

Revised Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
19	Revised C-20-155 Grading Detail in Southwest Corner to match Wing 1 now being straight.
360	Structure C-20-155, sheet 1 of 15 (revised Wing 1 to be straight in plan view, extended riprap limits at southwest side slope and inlet to facilitate grading)
361	Structure C-20-155, sheet 2 of 15 (added side slope detail at wing 1, revised total estimated quantities table)
362	Structure C-20-155, sheet 3 of 15 (revised Wing 1 to be straight in plan view)
368	Structure C-20-155, sheet 6 of 15 (revised Wing 1 to be straight, eliminated A404 bars, removed lap from A402 bars, removed lap and bar series from A405 bars, removed wing corner detail)
370	Structure C-20-155, sheet 11 of 15 (revised detail 'Reinforcement Wing 1')
372	Structure C-20-155, sheet 13 of 15 (revised bill of bars {A401 to A410, W401 to W405}, revised bar series table for apron bars {A404 & A405 removed, A606 revised}, revised bar series table for wings {W401, W602 & W404}, bar bend for A606 revised)

373	Structure C-20-155, sheet 14 of 15 (revised post spacing and base plate angle for Wing 1 railing)
468	Revised Harris Avenue Cross Section 1+43 on Left side to match revised grading around Wing 1.

**Schedule of Items**

Attached, dated November 4, 2015, are the revised Schedule of Items Pages 5, 7, and 13.

**Plan Sheets**

The following 8½ x 11-inch sheets are attached and made part of the plans for this proposal:  
Revised: 19, 360, 361, 362, 368, 370, 372, 373, and 468.

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. 02**  
**ID 6090-06-75**  
**Revised Sheet 360**  
**November 4, 2015**

STATE PROJECT NUMBER  
**6090-06-75**

**SIGN DATA:**  
 VEHICLE LOAD \_\_\_\_\_ HL-93  
 WINDY RATING FACTOR \_\_\_\_\_ LOS  
 OPERATING RATING FACTOR \_\_\_\_\_ L35  
 /SCONSIN STANDARD PERMIT VEHICLE (WIS - SP-V) \_\_\_\_\_ 255 KIPS  
 EARTH LOAD: THE STRUCTURE IS DESIGNED FOR A  
 FILL HEIGHT RANGE OF 10 TO 2.0 FEET.

**ULTIMATE DESIGN STRESSES:**  
 CONCRETE MASONRY \_\_\_\_\_  $f_c = 3,500$  psi  
 HIGH STRENGTH BAR STEEL REINFORCEMENT \_\_\_\_\_  $f_y = 60,000$  psi

**TRAFFIC DATA:**  
 ADT (2025) = 13,600 (ON STH 49)  
 ADT (2035) = 14,400 (ON STH 49)  
 DESIGN SPEED = 35 MPH

**HYDRAULIC DATA:**  
 100 YEAR FREQUENCY \_\_\_\_\_  
 VELOCITY \_\_\_\_\_ 375 cfs  
 HIGH WATER \_\_\_\_\_ 379 cfs  
 WATERWAY AREA \_\_\_\_\_ EL. 885.56  
 SCOUR CRITICAL CODE \_\_\_\_\_ 63 ft<sup>2</sup>  
 SCOUR CRITICAL CODE \_\_\_\_\_ 4.90 mi<sup>2</sup>  
 OVER TOPPING FREQUENCY \_\_\_\_\_ N/A  
 2 YEAR FREQUENCY \_\_\_\_\_  
 HIGH WATER \_\_\_\_\_ 150 cfs  
 EL. 885.15

**LIST OF DRAWINGS**

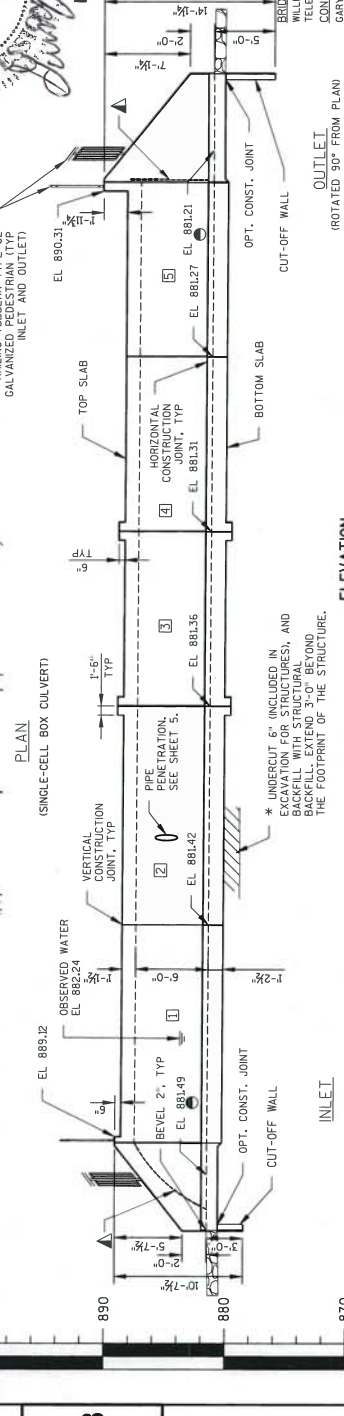
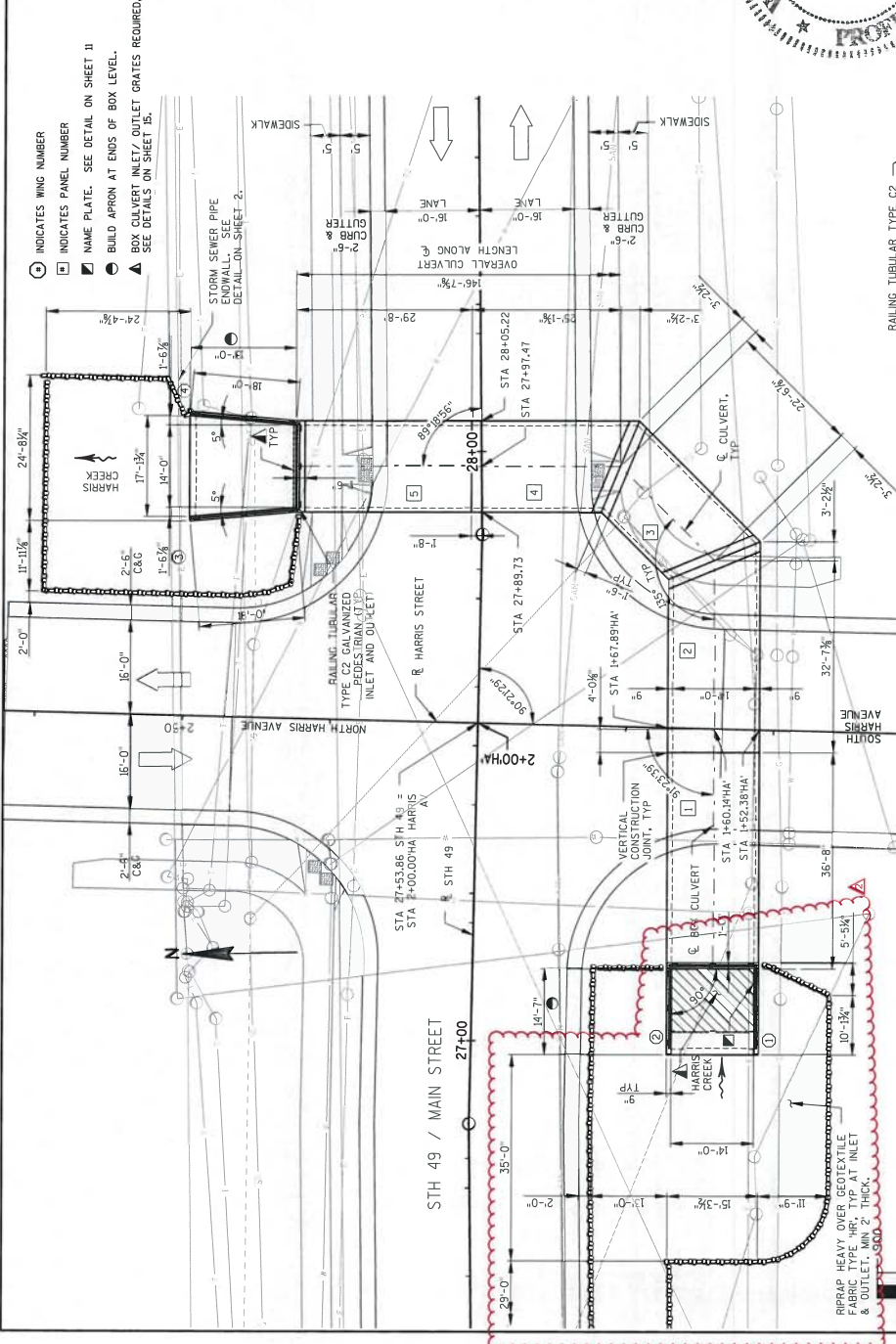
- | NO. | DESCRIPTION                               |
|-----|---|
| 1   | GENERAL PLAN - GENERAL NOTES & QUANTITIES |
| 2   | GENERAL PLAN - SURFACE ELEVATIONS         |
| 3   | BOX DETAILS - PANEL 1                     |
| 4   | BOX DETAILS - PANEL 2                     |
| 5   | BOX DETAILS - PANEL 3                     |
| 6   | BOX DETAILS - PANEL 4                     |
| 7   | BOX DETAILS - PANEL 5                     |
| 8   | BOX DETAILS - PANEL 6                     |
| 9   | INLET APRON DETAILS                       |
| 10  | OUTLET APRON DETAILS                      |
| 11  | WINGWALLS 3 & 4 DETAILS                   |
| 12  | BILL OF BARS                              |
| 13  | RAILING DETAILS                           |
| 14  | GRATE DETAILS                             |
| 15  |   |

*William C. Decker*  
 11/04/15

**Mead & Hunt**  
 STATE OF WISCONSIN  
 DEPARTMENT OF TRANSPORTATION

ACCEPTED \_\_\_\_\_ DATE \_\_\_\_\_  
 CHIEF STRUCTURES DESIGN ENGINEER  
**STRUCTURE C-20-155**  
 COUNTY \_\_\_\_\_ TOWNSHIP/CITY/VILLAGE \_\_\_\_\_ WAUPUN  
 DESIGN SPEC. \_\_\_\_\_ BRIDGE DESIGN SPECIFICATION  
 DESIGN USER \_\_\_\_\_ RCP BR/AV/JAK LCK/D. GAR  
 BY \_\_\_\_\_  
**GENERAL PLAN**  
 SHEET 1 OF 15  
**360**

- ① INDICATES WING NUMBER
- ② INDICATES PANEL NUMBER
- ▣ NAME PLATE. SEE DETAIL ON SHEET 11
- ▣ BUILD APRON AT ENDS OF BOX LEVEL.
- ▣ BOX CULVERT INLET/OUTLET GRATES REQUIRED. SEE DETAILS ON SHEET 15.



BRIDGE OFFICE CONTACT  
 WILLIAM DECKER, P.E.  
 TELEPHONE: 608/265-6489  
 CONSULTANT CONTACT  
 GARY A. RUCHTI  
 TELEPHONE: 608/273-6380

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**ELEVATION**

PLAN

(SINGLE-CELL BOX CULVERT)

VERTICAL JOINT, TYP.

OPT. CONST. JOINT

CUT-OFF WALL

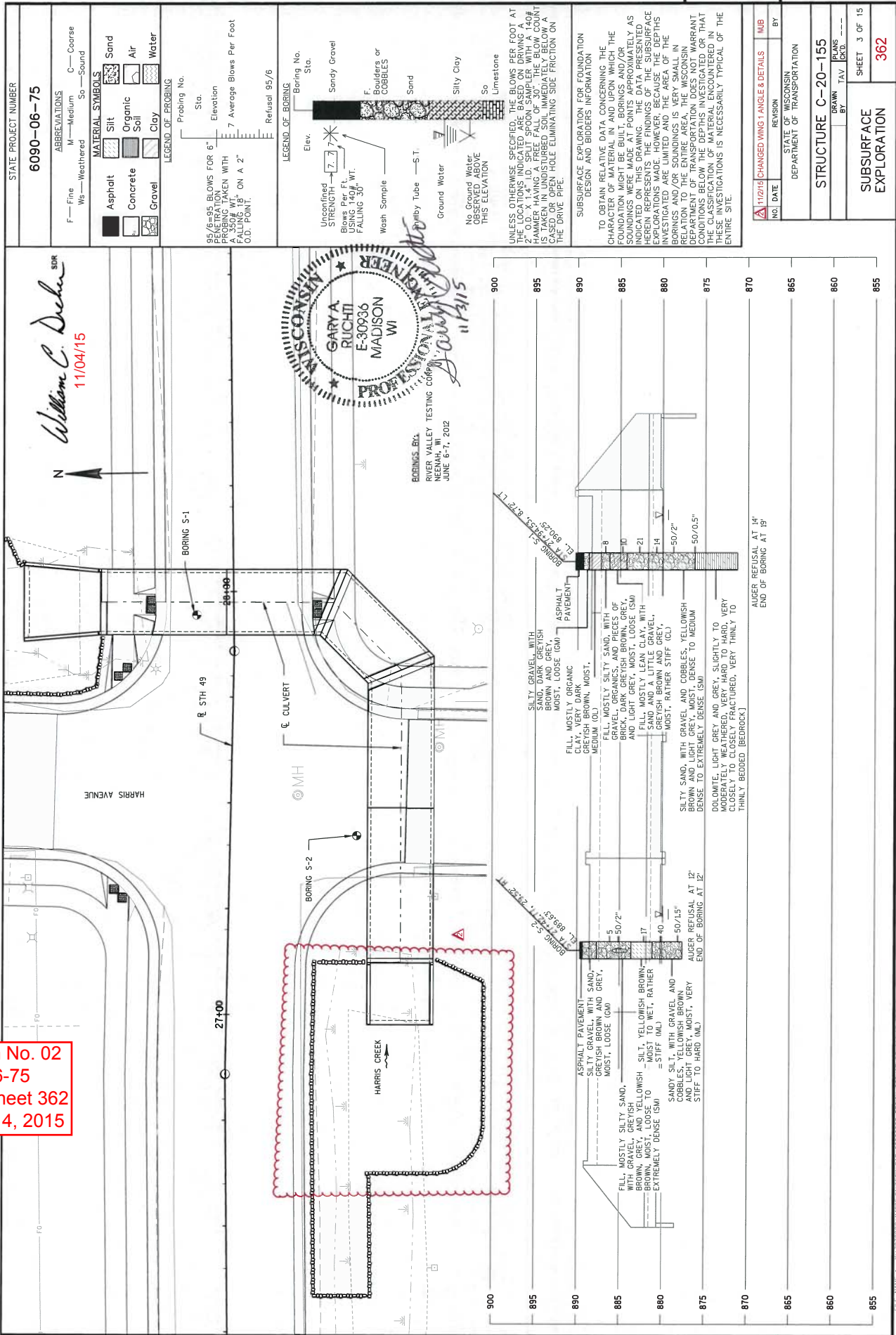
INLET

OUTLET (ROTATED 90° FROM PLAN)

870

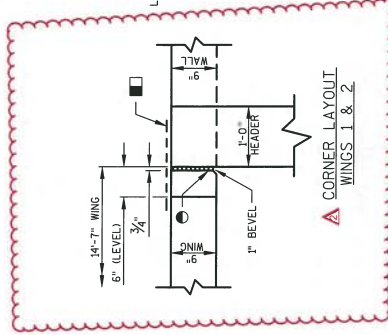
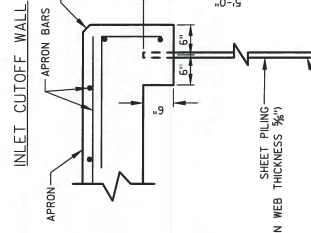
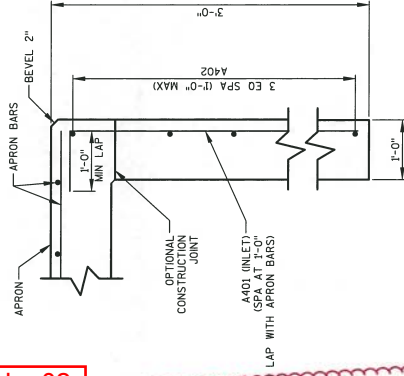


Addendum No. 02  
 ID 6090-06-75  
 Revised Sheet 362  
 November 4, 2015



STATE PROJECT NUMBER  
6090-06-75

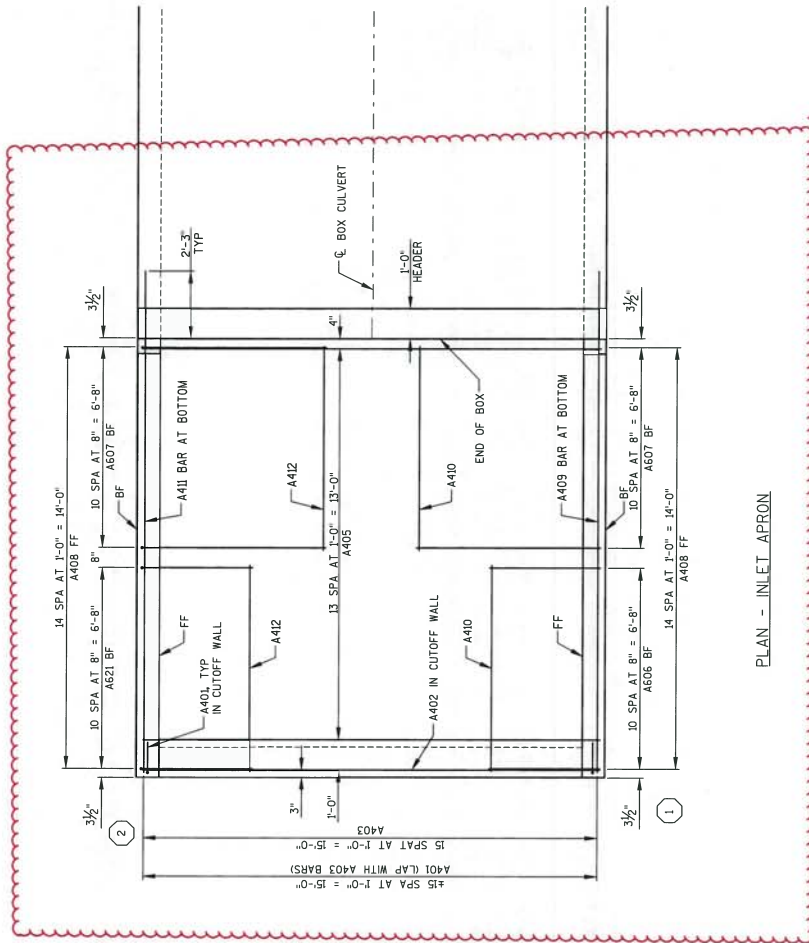
Addendum No. 02  
ID 6090-06-75  
Revised Sheet 368  
November 4, 2015



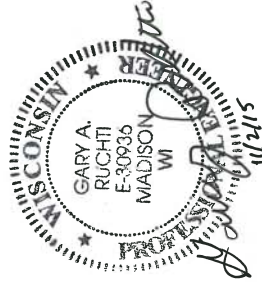
- 18\"/>

FF = FRONT FACE  
BF = BACK FACE

PLAN - INLET APRON



*William C. Dehn*  
SRP  
11/04/15

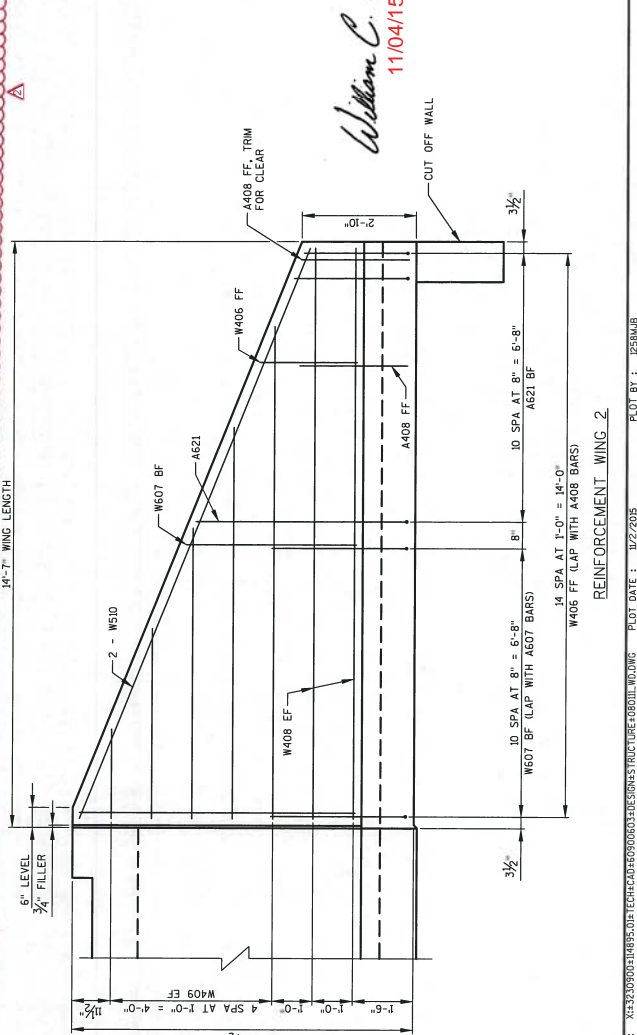
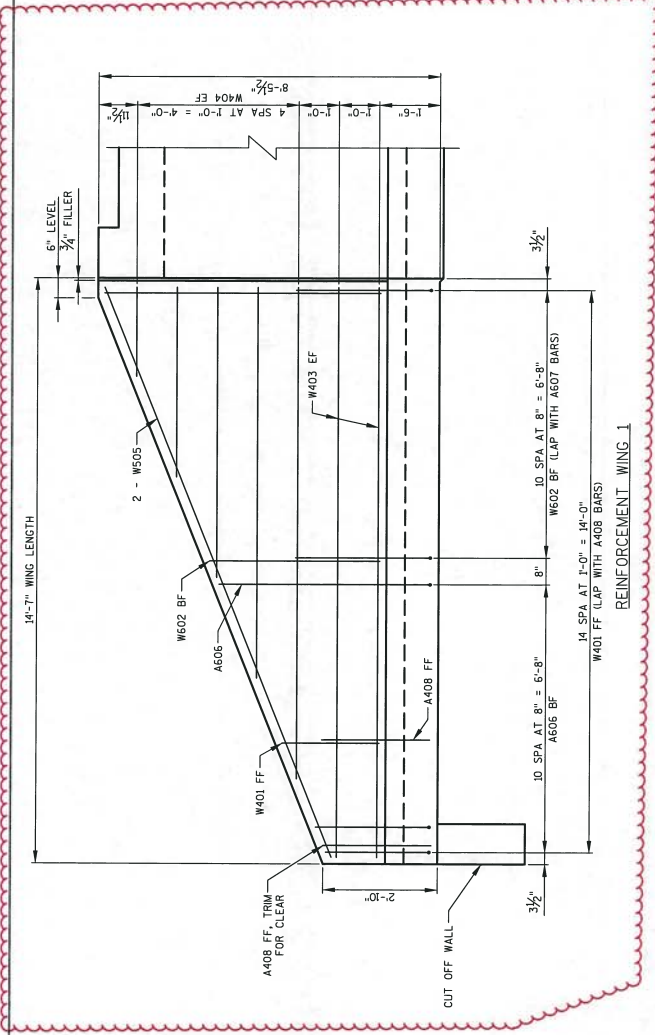
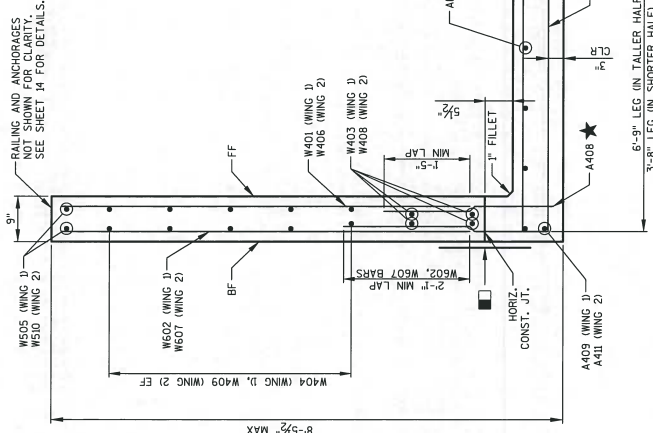
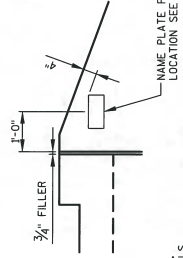


NO. DATE	REVISION	BY
A11/2/15	CHANGED WING 1 ANGLE & DETAILS	IMB

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
STRUCTURE C-20-155	PLANS
INLET APRON DETAILS	DRAWN BY: JAK BCKB GAB
SHEET 9 OF 15	368

STATE PROJECT NUMBER  
6090-06-75



*William C. Dehn*  
11/04/15

Addendum No. 02  
ID 6090-06-75  
Revised Sheet 370  
November 4, 2015

NO.	DATE	REVISION	BY
1	11/2/15	CHANGED WING 1 ANGLE & DETAILS	MIB

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
STRUCTURE C-20-155	
DRAWN BY: JAK LCK	PLANS
GAR	SHEET 11 OF 15
WINGWALLS 1 & 2 DETAILS	
370	



Addendum No. 02  
 ID 6090-06-75  
 Revised Sheet 372  
 November 4, 2015

STATE PROJECT NUMBER  
 6090-06-75

COATED=0 LBS.  
 UNCOATED=4950 LBS.

MARK	NUMBER	LENGTH		BENT	BAR SERIES	LOCATION
		COATED	UNCOATED			
B 7 01	102	9 - 3	X			BOX CORNERS - TOP & BOTTOM - ALL PANELS
B 7 03	230	15 - 2				BOX - TOP & BOTTOM SLAB - ALL PANELS
B 7 04	224	11 - 2				BOX - TOP & BOTTOM SLAB - ALL PANELS
B 4 05	506	2 - 8				BOX DOWELS - WALLS - ALL PANELS
B 4 06	506	6 - 4				BOX - WALLS - ALL PANELS
B 4 07	54	36 - 4				BOX - TOP & BOTTOM SLAB AND WALLS - PANEL 1
B 3 08	21	2 - 5	X			BOX - INLET HEADER - STIRRUP
B 4 08	2	15 - 2				BOX - INLET HEADER
B 7 10	82	8 - 3				BOX DOWELS AT SQUARE VERT. CONST. JOINT
B 7 11	82	32 - 3				BOX DOWELS AT SQUARE VERT. CONST. JOINT
B 4 12	32	32 - 3	X			BOX - TOP & BOTTOM SLAB - PANEL 2
B 4 13	9	35 - 3				BOX - LONG WALL - PANEL 2
B 4 14	9	29 - 1				BOX - SHORT WALL - PANEL 2
B 4 15	2	33 - 9				BOX - TOP & BOTTOM SLAB - PANEL 2
B 3 17	84	5 - 1	X			BOX - ANGLED JOINT BOTTOM HEADER - STIRRUP
B 3 18	84	5 - 5	X			BOX - ANGLED JOINT TOP HEADER - STIRRUP
B 9 19	48	16 - 5				BOX - ANGLED JOINT TOP & BOTTOM HEADER
B 5 20	52	4 - 0	X			BOX DOWELS - AT ANGLED VERT. CONST. JOINT
B 4 21	32	22 - 3	X			BOX - TOP & BOTTOM SLAB - PANEL 3
B 4 22	2	28 - 2				BOX - LONG WALL - PANEL 3
B 4 23	2	16 - 2				BOX - SHORT WALL - PANEL 3
B 4 24	2	19 - 3				BOX - TOP & BOTTOM SLAB - PANEL 3
B 4 25	2	19 - 3				BOX - TOP & BOTTOM SLAB - PANEL 3
B 4 26	32	24 - 9	X			BOX - TOP & BOTTOM SLAB - PANEL 4
B 4 27	9	21 - 7				BOX - LONG WALL - PANEL 4
B 4 28	9	21 - 7				BOX - SHORT WALL - PANEL 4
B 4 29	2	26 - 3				BOX - TOP & BOTTOM SLAB - PANEL 4
B 4 30	2	23 - 3				BOX - TOP & BOTTOM SLAB - PANEL 4
B 4 31	54	29 - 4				BOX - TOP & BOTTOM SLAB AND WALLS - PANEL 5
B 3 32	21	4 - 11	X			BOX - OUTLET HEADER - BOTTOM STIRRUP
B 3 33	21	8 - 5	X			BOX - OUTLET HEADER - TOP STIRRUP
B 0 34	16	15 - 2				BOX - OUTLET HEADER
B 4 35	2	3 - 2				BOX - PIPE PENETRATION - PANEL 2 - EF
B 4 36	2	3 - 2				BOX - PIPE PENETRATION - PANEL 2 - INSIDE FACE
B 4 37	8	3 - 4				BOX - PIPE PENETRATION - PANEL 2 - INSIDE FACE
A 4 01	6	3 - 6	X			INLET APRON & CUTOFF WALL
A 4 02	16	18 - 2				INLET CUTOFF WALL
A 4 03	16	18 - 2				INLET CUTOFF WALL
A 4 04	14	15 - 2				INLET APRON - NOT USED
A 4 05	14	15 - 2	X			INLET APRON - WINGWALL 1 TIE-IN BF
A 6 06	22	9 - 11	X			INLET APRON - WINGWALLS 1 & 2 TIE-IN BF
A 4 07	68	2 - 8				INLET & OUTLET APRON - WINGWALL TIE-IN FF
A 4 08	1	14 - 2				INLET APRON - WING 1
A 4 09	2	6 - 10				INLET APRON - WING 1
A 4 10	2	6 - 10				INLET APRON - WING 2
A 4 11	2	6 - 10				INLET APRON - WING 2
A 4 12	2	6 - 10				INLET APRON - WING 2
A 4 13	18	5 - 6	X			OUTLET APRON & CUTOFF WALL
A 4 14	2	10 - 2				OUTLET APRON - WING 3 & 4
A 4 15	36	9 - 5	X			OUTLET APRON - WINGWALLS 3 & 4 TIE-IN BF
A 4 16	28	10 - 10	X			OUTLET APRON - WINGWALLS 3 & 4 TIE-IN BF
A 6 18	28	10 - 10	X			OUTLET APRON - WINGWALLS 3 & 4
A 4 19	4	8 - 10				OUTLET APRON - WING 3 & 4
A 4 20	2	17 - 6	X			INLET APRON - WINGWALL 2 TIE-IN BF
A 6 21	11	7 - 4	X			INLET APRON - WINGWALL 2 TIE-IN BF
A 4 22	16	20 - 1				OUTLET APRON
W 4 01	15	4 - 1	X			WING 1 - FF
W 5 02	11	5 - 7	X			WING 1 - BF
W 4 03	4	14 - 2	X			WING 1 - EF AT BOTTOM
W 4 04	10	7 - 3	X			WING 1 - EF
W 5 05	2	15 - 0				WING 1 - TOP
W 4 06	15	4 - 1	X			WING 2 - FF
W 5 07	11	5 - 7	X			WING 2 - BF
W 4 08	4	14 - 2	X			WING 2 - EF AT BOTTOM
W 4 09	4	14 - 2	X			WING 2 - EF
W 5 10	2	15 - 0				WING 3 & 4 - TOP
W 4 11	36	4 - 11	X			WINGS 3 & 4 - EF
W 5 12	28	6 - 7	X			WINGS 3 & 4 - BF
W 4 13	8	17 - 7	X			WINGS 3 & 4 - EF AT BOTTOM
W 4 14	28	8 - 11	X			WINGS 3 & 4 - EF
W 5 15	4	18 - 10	X			WINGS 3 & 4 - TOP

BAR SERIES TABLE

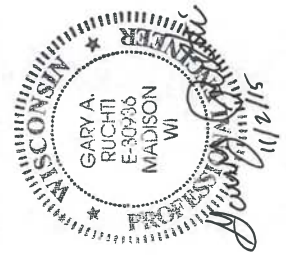
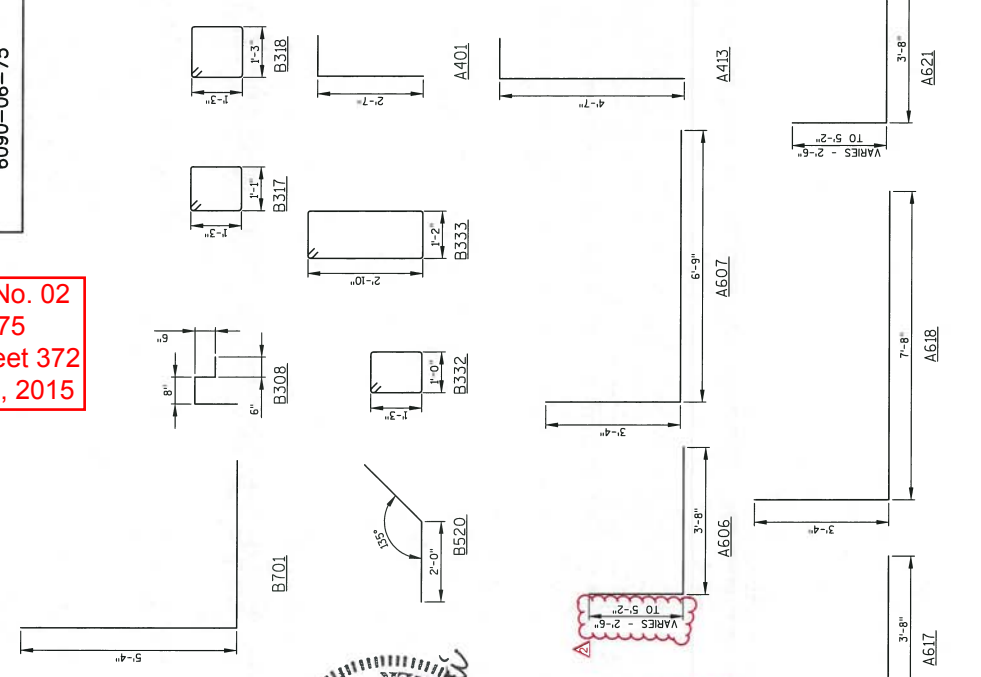
MARK	NO. RECD	LENGTHS FOR EACH SERIES
B311	8 SERIES OF 11	14'-4" TO 16'-2"
B421	2 SERIES OF 16	29'-3" TO 35'-3"
B421	2 SERIES OF 16	16'-3" TO 28'-2"
B426	2 SERIES OF 16	21'-9" TO 27'-9"

BAR SERIES TABLE

MARK	NO. RECD	LENGTHS FOR EACH SERIES
A404	NOT USED	
A606	1 SERIES OF 11	6'-0" TO 8'-8"
A617	2 SERIES OF 13	6'-0" TO 8'-8"
A621	1 SERIES OF 11	6'-0" TO 8'-8"

BAR SERIES TABLE

MARK	NO. RECD	LENGTHS FOR EACH SERIES
W401	1 SERIES OF 15	1'-3" TO 6'-10"
W602	1 SERIES OF 11	4'-3" TO 6'-10"
W404	2 SERIES OF 5	2'-2" TO 12'-3"
W406	1 SERIES OF 15	1'-3" TO 6'-10"
W409	2 SERIES OF 11	4'-3" TO 6'-10"
W411	2 SERIES OF 5	2'-2" TO 12'-3"
W612	2 SERIES OF 14	1'-4" TO 8'-3"
W414	4 SERIES OF 7	1'-6" TO 16'-3"



William C. Decker  
 11/04/15

NO. DATE	REVISION	MJB
	11/02/15 CHANGED WING ANGLE & DETAILS	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION		
STRUCTURE C-20-155		
DRAWN BY: JAV. BKS. GARS		
BILL OF BARS		
SHEET 13 OF 15		
372		

BAR DIMENSIONS IN BENDING ARE OUT TO OUT OF BARS.  
 ALL REINFORCING BARS ARE ENGLISH.  
 THE FIRST OR FIRST TWO DIGITS OF THE BAR MARK SIGNIFIES THE BAR SIZE.  
 ▲ EXIST. SHOWN IS AN AVERAGE LENGTH FOR USE IN CALCULATING BAR WEIGHT ONLY. SEE BARS SERIES TABLES FOR ACTUAL LENGTH.  
 TAG AND BUNDLE EACH SERIES SEPARATELY.

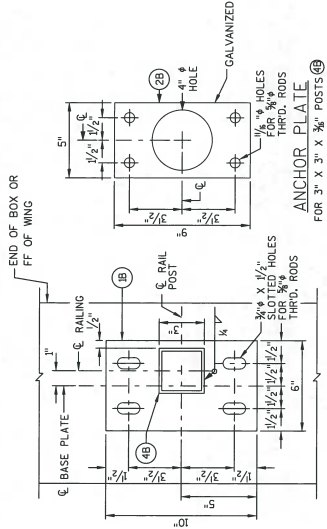
Addendum No. 02  
 ID 6090-06-75  
 Revised Sheet 373  
 November 4, 2015

STATE PROJECT NUMBER  
 6090-06-75

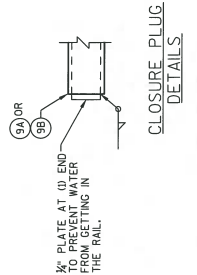
NOTES

- BID ITEM SHALL BE "RAILING STEEL TYPE C2 GALVANIZED PEDESTRIAN C-20-155," WHICH SHALL INCLUDE ALL STEEL ITEMS SHOWN.
- POST BASE PLATES SHALL BE FLAT WITH ALL SURFACES SMOOTH AND FREE FROM PROTRUSIONS, BURRS, AND DEFECTS. ALL PLATE CUTS SHALL BE MACHINE OR MACHINE FLAME CUTS.
- ALL PLATES, BARS, AND RECTANGULAR SLEEVES SHALL CONFORM TO ASTM A709 GRADE 50. STRUCTURAL TUBING SHALL CONFORM TO ASTM A500 GRADE B.
- ANCHORAGES SHALL BE ACCURATELY PLACED TO PROVIDE CORRECT ALIGNMENT OF RAILING. SET NORMAL TO GRADE OR AS SHOWN OTHERWISE.
- CUT BOTTOM OF POST TO MAKE POST VERTICAL IN BOTH TRANSVERSE AND LONGITUDINAL DIRECTION.
- STEEL SHIMS SHALL BE PROVIDED & USED UNDER BASE PLATES WHERE REQUIRED FOR ALIGNMENT, AND SHALL BE GALVANIZED.
- VENT HOLES SHALL BE DRILLED IN RAIL MEMBERS AND POSTS AS REQUIRED TO FACILITATE GALVANIZING AND DRAINAGE. LOCATE TOWARD OUTLET APRON OF CULVERT.
- RAILING SHALL BE FABRICATED IN LENGTHS THAT INCLUDE 3 OR 4 POSTS.
- ALL MATERIAL (EXCEPT NO. 3) SHALL BE GALVANIZED AFTER FABRICATION, PRIOR TO GALVANIZING. THE STEEL RAILING SHALL BE GIVEN A NO. 6 BLAST CLEANING PER SSPC SPECIFICATIONS.

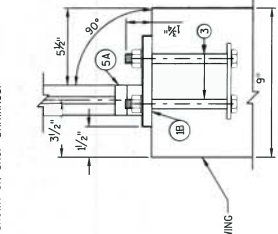
- LEGEND
- (B) PLATE  $\frac{3}{8}$ " X 6" X 10" WITH  $\frac{3}{8}$ " X  $\frac{1}{2}$ " SLOTTED HOLES.
  - (C)  $\frac{1}{2}$ " X 5" X 9" ANCHOR PLATE WITH  $\frac{3}{8}$ " HOLES FOR THRD. RODS NO. 3
  - (3)  $\frac{3}{8}$ " DIA. X 9" LONG TYPE 316 STAINLESS STEEL THREADED RODS, MIN. TENSILE STRENGTH 70,000 PSI. USE EPOXY TO ANCHOR TO 4 EQUIV. STAINLESS STEEL CONCRETE MASONRY ANCHORS, TYPE S (EPOXY,  $\frac{3}{8}$ " DIA., EMBED A MIN. OF 7" FOR RAIL POSTS).
  - (4B) STRUCTURAL TUBING 3" X 3" X  $\frac{3}{8}$ " POSTS. PLACE VERTICAL. WELD TO NO. 1 & NO. 5.
  - (5A) STRUCTURAL TUBING 3" X  $\frac{1}{2}$ " X  $\frac{3}{8}$ " RAILS. WELD TO NO. 4. INSIDE OF TUBE TO BE PAINTED AT ALL FIELD ERECTION AND EXPANSION JOINTS.
  - (5B) STANDARD SIZED RAIL (2.875" O.D.) WELD TO NO. 4 & NO. 5A. INSIDE OF PIPE TO BE PAINTED AT ALL FIELD ERECTION & EXPANSION JOINTS.
  - (6) BAR 1" X 1" PICKETS. WELD TO NO. 5. SPACE AT 6". MAX.  $\phi$  TO  $\phi$  SPACING. PLACE VERTICAL.
  - (6A) RECTANGULAR SLEEVE FABRICATED FROM  $\frac{3}{8}$ " PLATES. PROVIDE "SLIDING FIT".
  - (6B) CIRCULAR SLEEVE FABRICATED FROM STRUCTURAL TUBING 2"  $\phi$  (STANDARD SIZE) (2.375" O.D.)



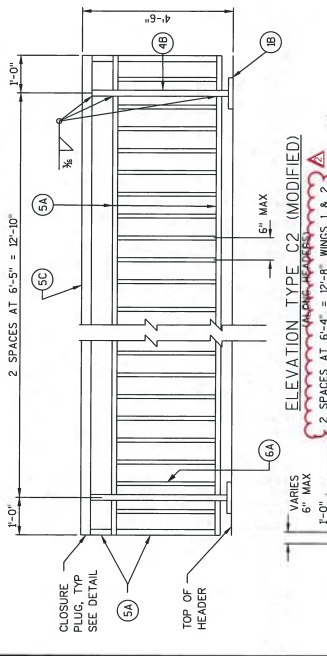
TYPICAL RAIL POST BASE PLATE  
 FOR 3" X 3" X  $\frac{3}{8}$ " POSTS (4B)



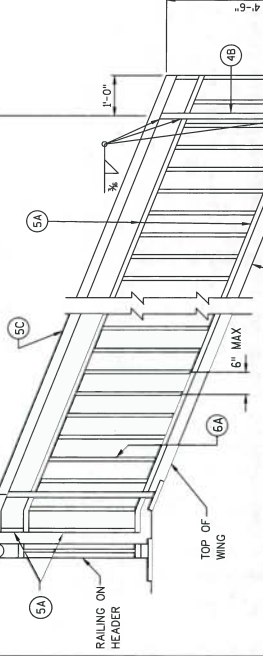
SHOP RAIL SPlice DETAIL  
 LOCATION MUST BE SHOWN ON SHOP DRAWINGS



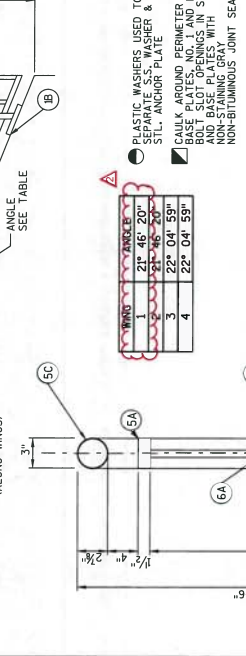
SECTION THRU RAILING IN WING



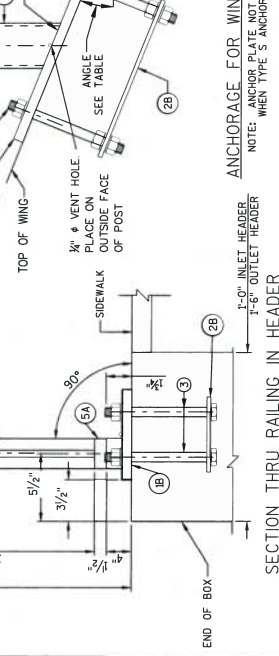
ELEVATION TYPE C2 (MODIFIED)  
 (ALONG WINGS)



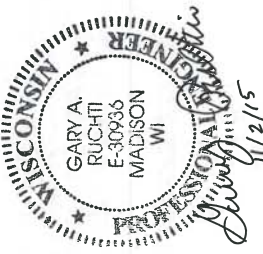
SECTION THRU RAILING IN HEADER



ANCHORAGE FOR WING RAIL POSTS  
 NOTE: ANCHOR PLATE NOT REQUIRED WHEN TYPE S ANCHORS ARE USED.



ANCHORAGE FOR RAIL POSTS  
 NOTE: ANCHOR PLATE NOT REQUIRED WHEN TYPE S ANCHORS ARE USED.



William C. Decker  
 11/04/15

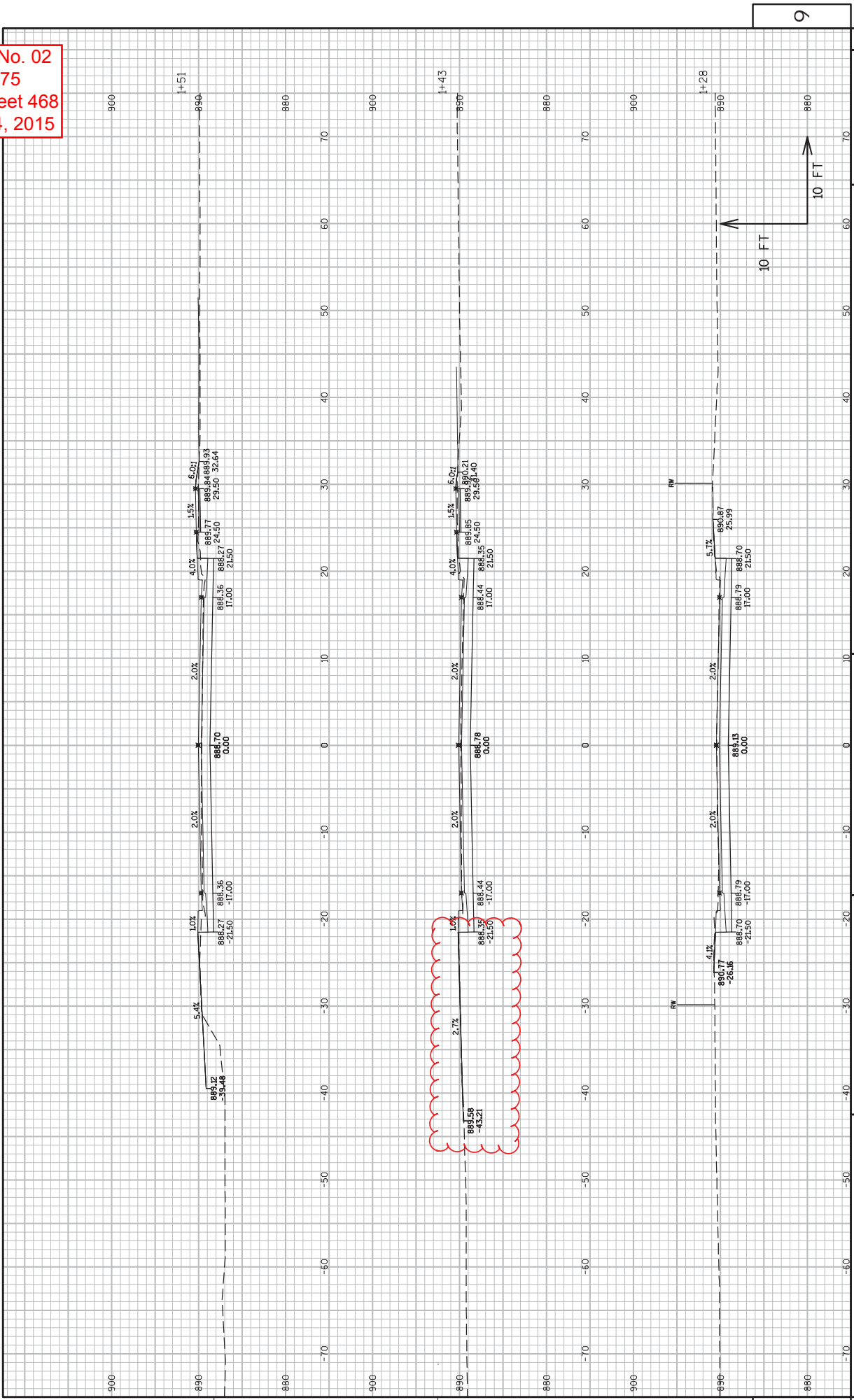
NO. DATE	REVISION	BY
A 11/2/15	CHANGED WING ANGLE DETAILS	MB

STATE OF WISCONSIN  
 DEPARTMENT OF TRANSPORTATION

STRUCTURE C-20-155  
 DRAWN BY: JAK  
 CHECKED BY: GAR

RAILING DETAILS  
 SHEET 14 OF 15  
 373

Addendum No. 02  
 ID 6090-06-75  
 Revised Sheet 468  
 November 4, 2015



## SCHEDULE OF ITEMS

REVISED:

CONTRACT:  
20151110008PROJECT(S):  
6090-06-75  
6090-06-76FEDERAL ID(S):  
WISC 2015572  
N/A

CONTRACTOR : \_\_\_\_\_

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0410	455.0120 Asphaltic Material PG64-28	64.000 TON	.		.	
0420	455.0605 Tack Coat	537.000 GAL	.		.	
0430	460.1110 HMA Pavement Type E-10	1,150.000 TON	.		.	
0440	460.2000 Incentive Density HMA Pavement	740.000 DOL	1.00000		740.00	
0450	465.0105 Asphaltic Surface	182.000 TON	.		.	
0460	465.0120 Asphaltic Surface Driveways and Field Entrances	396.000 TON	.		.	
0470	504.0100 Concrete Masonry Culverts	282.000 CY	.		.	
0480	505.0410 Bar Steel Reinforcement HS Culverts	49,950.000 LB	.		.	
0490	516.0500 Rubberized Membrane Waterproofing	39.000 SY	.		.	
0500	520.8000 Concrete Collars for Pipe	9.000 EACH	.		.	
0510	521.0118 Culvert Pipe Corrugated Steel 18-Inch	80.000 LF	.		.	

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WISC 2015572  
N/A

CONTRACTOR : \_\_\_\_\_

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0620	606.0200 Riprap Medium	37.000 CY	.		.	
0630	606.0300 Riprap Heavy	270.000 CY	.		.	
0640	608.0312 Storm Sewer Pipe Reinforced Concrete Class III 12-Inch	2,533.000 LF	.		.	
0650	608.0315 Storm Sewer Pipe Reinforced Concrete Class III 15-Inch	25.000 LF	.		.	
0660	608.0318 Storm Sewer Pipe Reinforced Concrete Class III 18-Inch	984.000 LF	.		.	
0670	608.0324 Storm Sewer Pipe Reinforced Concrete Class III 24-Inch	2,927.000 LF	.		.	
0680	608.0330 Storm Sewer Pipe Reinforced Concrete Class III 30-Inch	352.000 LF	.		.	
0690	608.0336 Storm Sewer Pipe Reinforced Concrete Class III 36-Inch	727.000 LF	.		.	
0700	608.0342 Storm Sewer Pipe Reinforced Concrete Class III 42-Inch	78.000 LF	.		.	
0710	610.0138 Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 38x60-Inch	561.000 LF	.		.	

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WISC 2015572  
N/A

CONTRACTOR : \_\_\_\_\_

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
1260	643.0920 Traffic Control Covering Signs Type II	1.000 EACH	.		.	
1270	643.1000 Traffic Control Signs Fixed Message	468.000 SF	.		.	
1280	643.1050 Traffic Control Signs PCMS	105.000 DAY	.		.	
1290	643.2000 Traffic Control Detour (project) 01. 6090-06-75	1.000 EACH	.		.	
1300	643.3000 Traffic Control Detour Signs	33,206.000 DAY	.		.	
1310	645.0120 Geotextile Fabric Type HR	500.000 SY	.		.	
1320	646.0106 Pavement Marking Epoxy 4-Inch	24,386.000 LF	.		.	
1330	646.0126 Pavement Marking Epoxy 8-Inch	1,137.000 LF	.		.	
1340	646.0600 Removing Pavement Markings	275.000 LF	.		.	
1350	647.0166 Pavement Marking Arrows Epoxy Type 2	10.000 EACH	.		.	