



**DANE COUNTY DEPT. OF  
PUBLIC WORKS, HIGHWAY &  
TRANSPORTATION**

1919 Alliant Energy Center Way  
Madison, Wisconsin 53713  
Office: 608/266-4018 ♦ Fax: 608/267-1533  
Public Works Engineering Division

# **ADDENDUM**

JANUARY 12, 2021

**ATTENTION ALL REQUEST FOR BID (RFB) HOLDERS**

**RFB NO. 320041 - ADDENDUM NO. 1**

**COUNTY TRUNK HIGHWAYS N & J BRIDGE REPLACEMENTS**

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**BIDS DUE: TUESDAY, JANUARY 19, 2021, 2:00 PM. DUE DATE AND  
TIME ARE NOT CHANGED BY THIS ADDENDUM.**

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This Addendum is issued to modify, explain or clarify the original Request for Bid (RFB) and is hereby made a part of the RFB. Please attach this Addendum to the RFB.

**PLEASE MAKE THE FOLLOWING CHANGES:**

**1. Section 00 41 13 - Bid Form**

Page 2 - Highway N - Roadway Work: Item 628.2008:

Change: “ 1,770.00 ”, to: “ 1,910.00 ”

Page 5 - Highway J - Roadway Work: Item 628.2008:

Change: “ 1,390.00 ”, to: “ 1,560.00 ”

Page 6 - Highway J - Bridge Work: Item 502.0100:

Change: “ 220.00 ”, to: “ 170.00 ”

**2. Section 2000**

Page 6 - Item 3.6.: After the second paragraph, insert the following:

“ Temporarily stabilize all disturbed areas with slopes 4:1 and flatter within 14 days of last disturbance.

Temporarily stabilize all disturbed areas with slopes steeper than 4:1 within 7 days of last disturbance.

Temporarily stabilize all stockpiles within 7 days of last use.

Stabilize all disturbed areas within 7 days of reaching final grade.

Temporarily stabilize 1.5:1 slopes of excavation behind bridge abutments by placing Erosion Mat Urban Class I Type B. ”

**3. Sheet CTH N / MISCELLANEOUS QUANTITIES / SHEET E**

Delete this current Sheet; replace with new Sheet, issued with this Addendum. It is Sheet 9 in the CTH N drawing set & Sheet 9 in the 142 page original pdf document “RFB 320041-2 Drawings”.

**4. Sheet CTH J / MISCELLANEOUS QUANTITIES / SHEET E**

Delete this current Sheet; replace with new Sheet, issued with this Addendum. It is Sheet 9 in the CTH J drawing set & Sheet 78 in the 142 page original pdf document “RFB 320041-2 Drawings”.

**5. Sheet STRUCTURE B-13-875 / CROSS SECTION AND QUANTITIES**

Delete this current Sheet; replace with new Sheet, issued with this Addendum. It is Sheet 51 in the CTH J drawing set & Sheet 120 in the 142 page original pdf document “RFB 320041-2 Drawings”.

If any additional information about this Addendum is needed, please call Jeffery Otto at 608/283-1416, otto.jeffery@countyofdane.com.

Sincerely,



Project Manager

Enclosures:

Sheet CTH N / MISCELLANEOUS QUANTITIES / SHEET E

Sheet CTH J / MISCELLANEOUS QUANTITIES / SHEET E

Sheet STRUCTURE B-13-875 / CROSS SECTION AND QUANTITIES

H:\Shared\ENGINEERING DIVISION\Scott Carlson\320041 - Hwys N&J Bridges Construction\04 - Addenda\Addm1\320041-Addendum 1.docx

CLEARING & GRUBBING

STATION - STATION	LOCATION	201.0105 CLEARING (STA)	201.0205 GRUBBING (STA)
9+50 - 12+50	MAINLINE	3	3
TOTALS =		3	3

FINISHING ROADWAY

STATION - STATION	LOCATION	213.0100 (EACH)
-	CTHN	1
TOTAL =		1

BASE AGGREGATE DENSE

STATION - STATION	LOCATION	305.0110 BASE AGGREGATE DENSE 3/4-INCH (TON)	305.0120 BASE AGGREGATE DENSE 1 1/4-INCH (TON)
9+45 - 13+43	MAINLINE	110	1420
TOTALS =		110	1420

CONCRETE PAVEMENT APPROACH SLAB

STATION - STATION	LOCATION	415.0410 CONCRETE PAVEMENT APPROACH SLAB (SY)
10+99 - 11+21	MAINLINE	61.2
11+67 - 11+89	MAINLINE	61.2
TOTAL =		122.4

ASPHALTIC SURFACE

STATION - STATION	LOCATION	455.0605 TACK COAT (GAL)	465.0105 ASPHALTIC SURFACE (TON)
9+45 - 13+43	MAINLINE	75	240
TOTALS =		75	240

SILT FENCE

STATION - STATION	LOCATION	628.1504 SILT FENCE (LF)	628.1520 SILT FENCE MAINTENANCE (LF)
9+44 - 11+33	MAINLINE, RT.	224	448
11+41 - 11+47	MAINLINE, LT.	38	76
11+43 - 13+42	MAINLINE, RT.	240	480
11+55 - 13+41	MAINLINE, LT.	218	436
-	UNDISTRIBUTED	180	360
TOTALS =		900	1,800

EARTHWORK SUMMARY

FROM/TO STA	LOCATION	205.0100 EXCAVATION COMMON	AVAILABLE MATERIAL (CY) (1)	UNEXPANDED FILL (CY)	EXPANDED FILL (CY) FACTOR 1.25 (2)	MASS ORDINATE +/- (CY) (3)	WASTE (CY)	208.0100 BORROW (CY)
		CUT (CY)						
9+45-13+43	MAINLINE	760.0	760.0	768.0	960.0	-200.0	-200.0	200
TOTALS =		760.0	760.0	768.0	960.0	-200.0	-200.0	200

NOTES:

- 1.) AVAILABLE MATERIAL = CUT
- 2.) EXPANDED FILL FACTOR 1.25: EXPANDED FILL = (UNEXPANDED FILL)\*1.25
- 3.) THE MASS ORDINATE+ OR - QTY CALCULATED FOR THE DIVISION. PLUS QUANTITY INDICATES AN EXCESS OF MATERIAL WITHIN THE CATEGORY. MINUS INDICATES A SHORTAGE OF MATERIAL WITHIN THE CATEGORY.

FINISHING ITEMS

STATION - STATION	LOCATION	625.0500 SALVAGED TOPSOIL (SY)	628.2008 EROSION MAT URBAN CLASS I TYPE B (SY)	629.0210 FERTILIZER TYPE B (CWT)	630.0120 SEEDING MIXTURE NO. 20 (LB)	*630.0160 SEEDING MIXTURE NO. 60 (LB)	630.0200 SEEDING TEMPORARY (LB)	630.0300 SEEDING BORROW PIT (LB)	630.0500 SEED WATER (MGAL)
9+45 - 13+43	MAINLINE	1,410	1,410	0.8	38	3	38	1.7	32
	EXCAVATION AT ABUTMENTS UNDISTRIBUTED	-	140	-	-	-	-	-	-
		360	360	0.2	10	1	10	0.4	8
TOTALS =		1,770	1,910	1.0	48	4	48	2.1	40

\*ALL AREAS ADJACENT TO EXISTING WETLANDS (STA. 9+48 - STA. 10+00, RT; STA. 10+00 - STA. 11+48, LT; STA. 11+59 - STA. 12+87 LT; STA. 12+29 - STA. 12+68, RT)

REMOVING GUARDRAIL

STATION - STATION	LOCATION	204.0165 (LF)
10+64 - 11+23	MAINLINE, LT.	60
10+70 - 11+17	MAINLINE, RT.	50
11+68 - 12+25	MAINLINE, RT.	60
11+74 - 12+27	MAINLINE, LT.	55
TOTALS =		225

MOBILIZATION

PROJECT	619.1000 (EACH)
CTHN	0.5
TOTAL =	0.5

WATER

STATION - STATION	LOCATION	624.0100 (MGAL)
9+45 - 13+43	MAINLINE	23
TOTAL =		23

MOBILIZATION EROSION CONTROL

PROJECT	628.1905 MOBILIZATIONS EROSION CONTROL (EACH)	628.1910 MOBILIZATIONS EMERGENCY EROSION CONTROL (EACH)
CTHN	6	3
TOTALS =	6	3

TEMPORARY DITCH CHECKS

STATION	LOCATION	628.7504 (LF)
10+60	MAINLINE, LT.	12
11+44	MAINLINE, RT.	12
11+47	MAINLINE, LT.	12
12+00	MAINLINE, RT.	12
-	UNDISTRIBUTED	12
TOTAL =		60

FIELD OFFICE TYPE B

PROJECT	642.5001 (EACH)
CTHN	0.5
TOTAL =	0.5

TRAFFIC CONTROL

LOCATION	TRAFFIC CONTROL			
	643.0420 BARRICADES TYPE III (DAY)	643.0705 WARNING LIGHTS TYPE A (DAY)	643.0900 SIGNS (DAY)	643.5000 TRAFFIC CONTROL (EACH)
PROJECT	1190	1820	6300	0.5
TOTALS =	1190	1820	6300	0.5

MARKING LINE EPOXY 4-INCH

STATION - STATION	LOCATION	TYPE	646.1020 (LF)
9+48 - 13+40	MAINLINE, RT	WHITE EDGE LINE	392
9+48 - 13+40	MAINLINE, LT	WHITE EDGE LINE	392
9+48 - 13+40	MAINLINE	DOUBLE YELLOW	784
TOTALS =			1,568

**CLEARING & GRUBBING**

STATION	LOCATION	201.0105 CLEARING (STA)	201.0205 GRUBBING (STA)
11+00 - 13+00	MAINLINE	2	2
TOTALS =		2	2

**EARTHWORK SUMMARY**

FROM/TO STA	LOCATION	205.0100 EXCAVATION COMMON	AVAILABLE MATERIAL (CY) (1)	UNEXPANDED FILL (CY)	EXPANDED FILL (CY) FACTOR 1.25 (2)	MASS ORDINATE +/- (CY) (3)	WASTE (CY)
		CUT (CY)					
9+92 - 13+10	MAINLINE	760.0	760.0	536.0	670.0	90.0	90.0
TOTALS =		760.0	760.0	536.0	670.0	90.0	90.0

3

**FINISHING ROADWAY**

STATION-STATION	LOCATION	213.0100 (EACH)
-	CTH J	1
TOTAL =		1

NOTES:

- 1.) AVAILABLE MATERIAL = CUT
- 2.) EXPANDED FILL FACTOR 1.25: EXPANDED FILL = (UNEXPANDED FILL)\*1.25
- 3.) THE MASS ORDINATE+ OR - QTY CALCULATED FOR THE DIVISION. PLUS QUANTITY INDICATES AN EXCESS OF MATERIAL WITHIN THE CATEGORY. MINUS INDICATES A SHORTAGE OF MATERIAL WITHIN THE CATEGORY.

3

**BASE AGGREGATE DENSE**

STATION - STATION	LOCATION	305.0110 BASE AGGREGATE DENSE 3/4-INCH (TON)	305.0120 BASE AGGREGATE DENSE 1 1/4-INCH (TON)
		9+92 - 13+10	MAINLINE
TOTALS =		85	1110

**FINISHING ITEMS**

STATION - STATION	LOCATION	625.0500 SALVAGED TOPSOIL (SY)	628.2008 EROSION MAT URBAN CLASS I TYPE B (SY)	629.0210 FERTILIZER TYPE B (CWT)	630.0120 SEEDING MIXTURE NO. 20 (LB)	*630.0160 SEEDING MIXTURE NO. 60 (LB)	630.0200 SEEDING TEMPORARY (LB)	630.0500 SEED WATER (MGAL)
		9+92 - 13+10	MAINLINE	1,110	1,110	0.6	30	2
UNDISTRIBUTED	EXCAVATION AT ABUTMENTS UNDISTRIBUTED	-	170	-	-	-	-	-
UNDISTRIBUTED	UNDISTRIBUTED	280	280	0.2	8	1	8	7
TOTALS =		1,390	1,560	0.8	38	3	38	35

**CONCRETE PAVEMENT APPROACH SLAB**

STATION - STATION	LOCATION	415.0410 CONCRETE PAVEMENT APPROACH SLAB (SY)
		10+96 - 11+27
11+74 - 12+06	MAINLINE	77
TOTALS =		154

**RIPRAP MEDIUM**

STATION - STATION	LOCATION	606.0200 RIPRAP MEDIUM (CY)	645.0120 GEOTEXTILE TYPE HR (SY)
		11+94 - 13+10	MAINLINE
TOTALS =		70	125

**WATER**

STATION-STATION	LOCATION	624.0100 (MGAL)
		9+92 - 13+10
TOTAL =		18

**ASPHALTIC SURFACE**

STATION - STATION	LOCATION	455.0605 TACK COAT (GAL)	465.0105 ASPHALTIC SURFACE (TON)
		9+92 - 13+10	MAINLINE
TOTALS =		55	175

**MOBILIZATION EROSION CONTROL**

PROJECT	628.1905 MOBILIZATIONS EROSION CONTROL (EACH)	628.1910 MOBILIZATIONS EMERGENCY EROSION CONTROL (EACH)
	CTH J	6
TOTALS =	6	3

**TEMPORARY DITCH CHECKS**

STATION	LOCATION	628.7504 (LF)
		11+14
-	UNDISTRIBUTED	12
TOTALS =		24

**SILT FENCE**

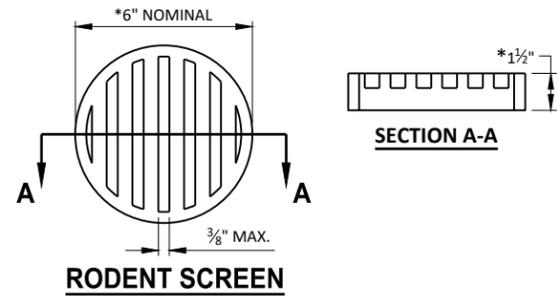
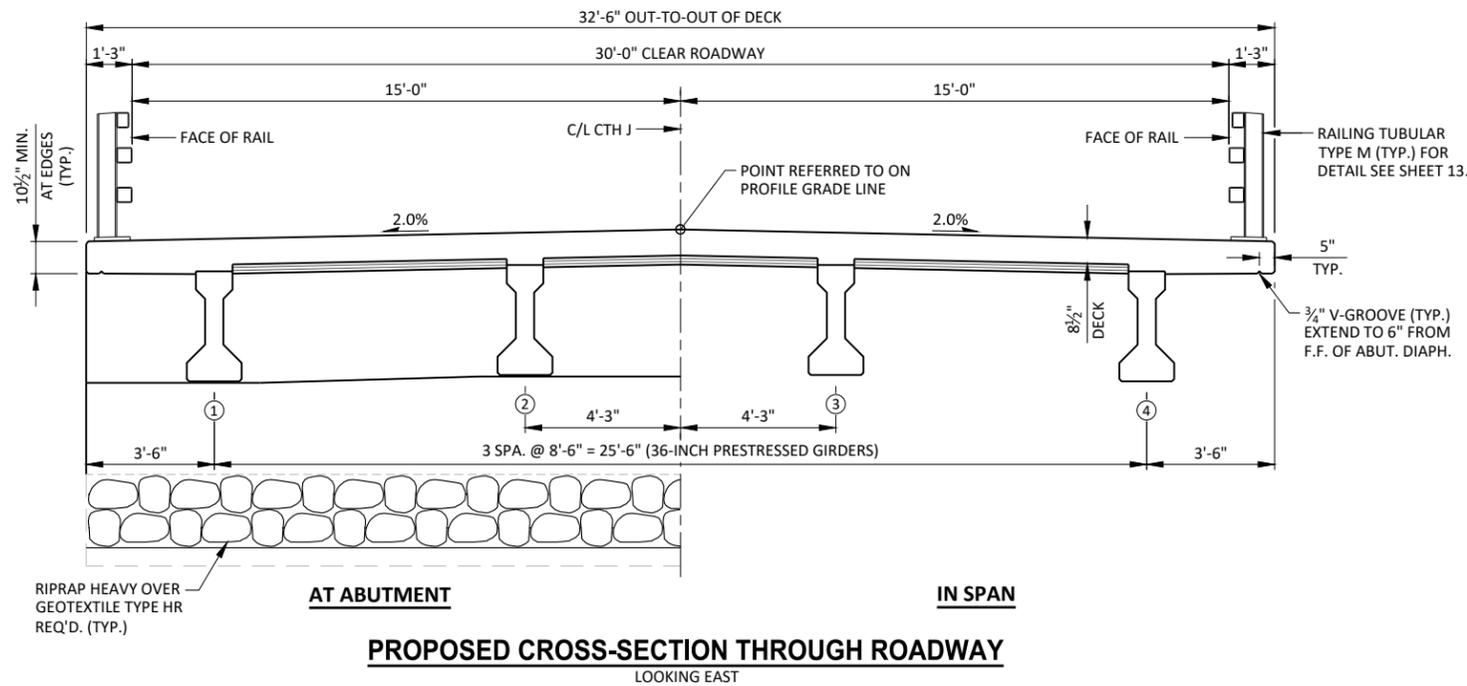
STATION - STATION	LOCATION	628.1504 SILT FENCE (LF)	628.1520 SILT FENCE MAINTENANCE (LF)
		9+75 - 11+56	MAINLINE, RT.
9+91 - 11+27	MAINLINE, LT.	176	352
11+46 - 13+28	MAINLINE, LT.	236	472
11+75 - 12+49	MAINLINE, RT.	125	250
-	UNDISTRIBUTED	194	388
TOTALS =		970	1,940

**TRAFFIC CONTROL**

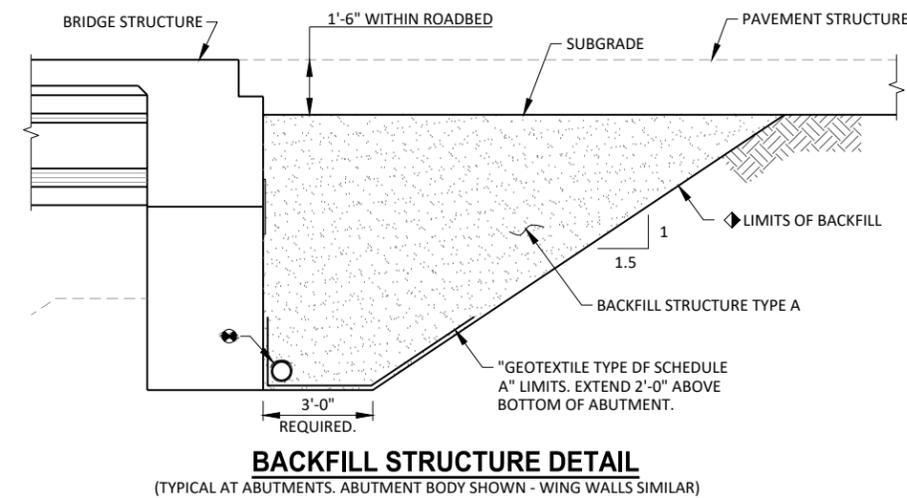
LOCATION	TRAFFIC CONTROL			
	643.0420 BARRICADES TYPE III (DAY)	643.0705 WARNING LIGHTS TYPE A (DAY)	643.0900 SIGNS (DAY)	643.5000 TRAFFIC CONTROL (EACH)
PROJECT	1260	1400	8190	0.5
TOTALS =	1260	1400	8190	0.5

**MARKING LINE EPOXY 4-INCH**

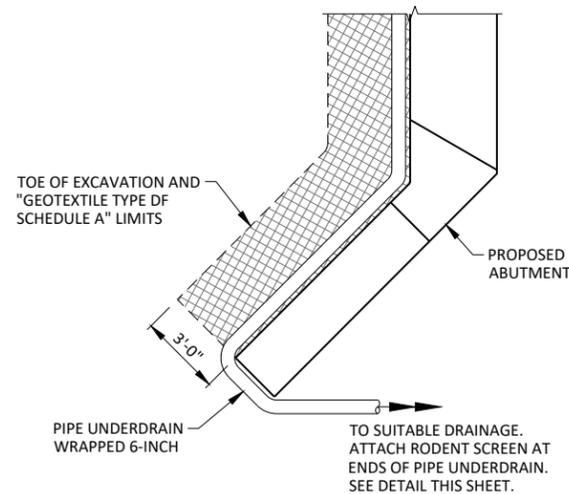
STATION - STATION	LOCATION	TYPE	646.1020 (LF)
			9+92 - 13+10
9+92 - 13+10	MAINLINE, LT	WHITE EDGE LINE	318
9+92 - 13+10	MAINLINE	DOUBLE YELLOW	636
TOTAL =			1,272



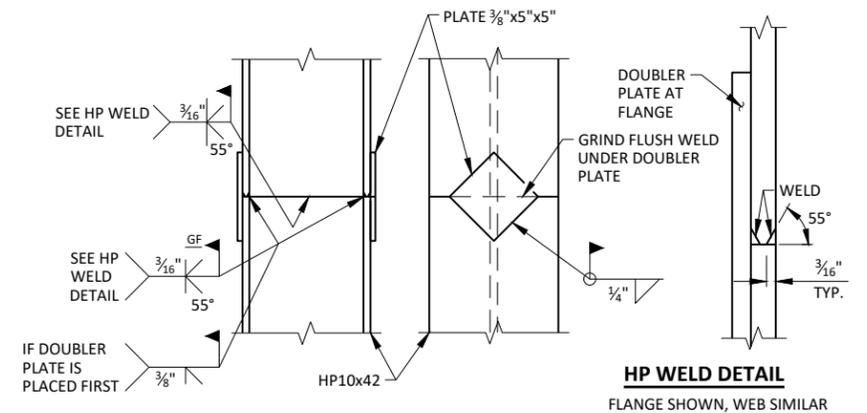
NOTES:  
 \* DIMENSIONS ARE APPROXIMATE. THE GRATE IS SIZED TO FIT INTO A PIPE COUPLING.  
 ORIENT SHIELD SO SLOTS ARE VERTICAL.  
 THE RODENT SCREEN, PIPE COUPLING AND SCREWS SHALL BE CONSIDERED INCIDENTAL TO THE BID ITEM "PIPE UNDERDRAIN WRAPPED 6-INCH".  
 THE RODENT SCREEN SHALL BE A PVC GRATE SIMILAR TO THIS DETAIL. THE GRATE IS COMMERCIALY AVAILABLE AS A FLOOR STRAINER. A PIPE COUPLING IS REQUIRED FOR THE ATTACHMENT OF THIS SCREEN TO THE EXPOSED ENDS OF THE PIPE UNDERDRAIN. THE SCREEN SHALL BE FASTENED TO THE PIPE COUPLING WITH TWO OR MORE NO. 10 X 1-INCH STAINLESS STEEL SHEET METAL SCREWS.



◆ BACKFILL STRUCTURE TYPE A PAY LIMITS. BACKFILL BEYOND PAY LIMITS SHALL BE INCIDENTAL TO THE BID ITEM "EXCAVATION FOR STRUCTURES B-13-875". LIMITS OF EXCAVATION SHALL BE DETERMINED BY THE CONTRACTOR.  
 ● PIPE UNDERDRAIN WRAPPED (6-INCH), SLOPED 0.5% MIN. TO SUITABLE DRAINAGE. ATTACH RODENT SCREEN AT ENDS OF PIPE UNDERDRAIN AS DETAILED ON THIS SHEET. RODENT SCREEN TO BE INCLUDED IN THE BID ITEM "PIPE UNDERDRAIN WRAPPED 6-INCH."

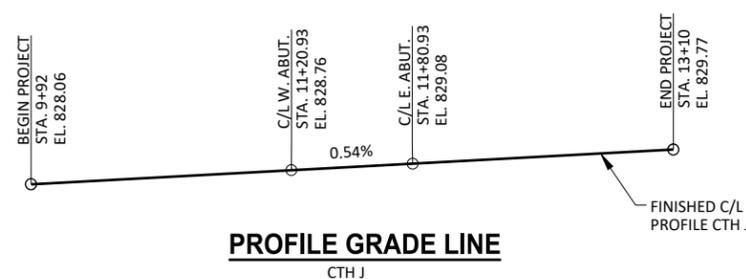


PIPE UNDERDRAIN DETAIL



PILE SPLICE DETAIL

STEEL "HP" PILE MATERIAL SHALL BE ASTM A 572 GRADE 50.



PROFILE GRADE LINE  
CTH J

**GENERAL NOTES**

DRAWINGS SHALL NOT BE SCALED.  
 ELEVATIONS SHOWN ON THE PLAN ARE REFERENCED TO THE NORTH AMERICA VERTICAL DATUM OF 1988 (NAVD 88).  
 BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2" CLEAR UNLESS OTHERWISE SHOWN OR NOTED.  
 JOINT FILLER SHALL CONFORM TO A.A.S.H.T.O. DESIGNATION M153, TYPE I, II OR III OR A.A.S.H.T.O. DESIGNATION M213.  
 THE HAUNCH CONCRETE QUANTITY IS BASED ON THE AVERAGE HAUNCH SHOWN ON THE PRESTRESSED GIRDER DETAILS SHEET, WHICH IS THE MAXIMUM HAUNCH QUANTITY FOR WHICH THE CONTRACTOR WILL BE PAID.  
 THE SLOPE OF FILL IN FRONT OF THE ABUTMENTS SHALL BE COVERED WITH RIPRAP HEAVY AND GEOTEXTILE TYPE HR TO THE EXTENT SHOWN ON SHEET 1 AND IN THE ABUTMENT DETAILS, OR AS DIRECTED BY THE ENGINEER IN THE FIELD.  
 AT THE BACK FACE OF ABUTMENTS, ALL VOLUME WHICH CANNOT BE PLACED BEFORE ABUTMENT CONSTRUCTION AND IS NOT OCCUPIED BY THE NEW STRUCTURE SHALL BE BACKFILLED WITH BACKFILL STRUCTURE TYPE A. SEE THIS SHEET FOR DETAIL.  
 ANY EXCAVATION BELOW THE ABUTMENT AND ASSOCIATED ABUTMENT BEDDING MATERIALS REQUIRE THE APPROVAL OF THE ENGINEER IN THE FIELD.  
 APPLY PROTECTIVE SURFACE TREATMENT TO THE TOP OF THE DECK, THE SIDES OF THE DECK AND EXTERIOR 12" OF THE UNDERSIDE OF THE DECK (CONCRETE MATERIAL ONLY).  
 THE EXISTING STRUCTURE (B-13-178) IS A STEEL DECK GIRDER STRUCTURE WITH A CONCRETE DECK SUPPORTED ON STEEL PILE BENT ABUTMENTS WITH A REINFORCED CONCRETE CAP AND TIMBER BACKING. THE STRUCTURE HAS A ROADWAY WIDTH BETWEEN RAILINGS OF 26.1 FEET AND SHALL BE REMOVED.  
 ALL STATIONS AND ELEVATIONS SHOWN ARE IN FEET.  
 THE EXISTING GROUNDLINE SHALL BE THE UPPER LIMITS OF EXCAVATION FOR STRUCTURES.  
 THE FIRST DIGIT OF A BAR MARK SIGNIFIES THE BAR SIZE.

**TOTAL ESTIMATED QUANTITIES**

ITEM NUMBER	ITEM DESCRIPTION	UNIT	W. ABUT.	SUPER.	E. ABUT.	TOTALS
203.0600.S	REMOVING OLD STRUCTURE OVER WATERWAY WITH MIN. DEBRIS STA. 11+51	LS	--	--	--	1
206.1000	EXCAVATION FOR STRUCTURES BRIDGES B-13-875	LS	--	--	--	1
210.1500	BACKFILL STRUCTURE TYPE A	TON	215	--	215	430
502.0100	CONCRETE MASONRY BRIDGES	CY	40	90	40	170
502.3200	PROTECTIVE SURFACE TREATMENT	SY	--	260	--	260
503.0136	PRESTRESSED GIRDER TYPE I 36-INCH	LF	--	244	--	244
505.0400	BAR STEEL REINFORCEMENT HS STRUCTURES	LB	2,710	--	2,710	5,420
505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	LB	1,570	15,020	1,570	18,160
506.2605	BEARING PADS ELASTOMERIC NON-LAMINATED	EACH	4	--	4	8
506.4000	STEEL DIAPHRAGMS B-13-875	EACH	--	3	--	3
513.4061	RAILING TUBULAR TYPE M	LF	--	131	--	131
516.0500	RUBBERIZED MEMBRANE WATERPROOFING	SY	8	--	8	16
550.0500	PILE POINTS	EACH	8	--	8	16
550.1100	PILING STEEL HP 10-INCH X 42 LB	LF	280	--	280	560
606.0300	RIPRAP HEAVY	CY	105	--	85	190
612.0406	PIPE UNDERDRAIN WRAPPED 6-INCH	LF	100	--	100	200
645.0111	GEOTEXTILE TYPE DF SCHEDULE A	SY	65	--	65	130
645.0120	GEOTEXTILE TYPE HR	SY	170	--	140	310
NON-BID ITEMS						
	FILLER	SIZE	--	--	--	1/2" & 3/4"
	NAME PLATE					

NO.	DATE	REVISION	BY
<b>STRUCTURE B-13-875</b>			
DRAWN BY		DJT	PLANS CK'D. PTB
<b>CROSS SECTION AND QUANTITIES</b>			SHEET 2 OF 13