

Steven V. Stenger
County Executive



Daniel W. Dreisewerd, P.E., PTOE
Acting Director

Stephanie Leon Streeter, P.E.
Deputy Director

July 5, 2017

ADDENDUM NO. 3

Notice to All Persons and Firms Proposing
to Submit a Bid or Furnish Materials for
Musick Avenue Bridge No. 412
St. Louis County Project No. CR-1452
Federal Project No. BRM-5572(602)

The construction contract for this project has been revised as follows:

No. 1

Revised Summary of Quantities, Sheet 2 of 53 in construction plan set as follows:

Revised quantity on Item 203-10.00 Class "A" Excavation as follows:

	<u>Subtotal</u>	<u>Total</u>
Revised Quantity:	1289.0 C.Y.	1417.9 C.Y.

Replaced pay items as follows:

Remove Items: 603-10.90 Expose Water Service House Leads (2" or greater)
603-20.35 Relocating Water Service Connections (2" or greater)

Add Items: 603-10.09 Expose Water Service House Leads (Less than 2")
603-10.10 Relocating Water Service House Leads

Deleted pay items as follows:

Remove Items: 206-60.02 Cofferdams – Bent 2
703-05.00 Graffiti Protection System

Deleted Items in the Excavation & Embankment Table as follows:

Remove the calculation at the bottom of the table which indicates that "Compacting Embankment is subtracted from "Class 'A' Excavation".

No. 2

Revised Detailed Quantities, Sheet 3 of 53 in construction plan set as follows:

Replaced pay items as follows:

Remove Items: 603-10.90 Expose Water Service House Leads (2" or greater)
603-20.35 Relocating Water Service Connections (2" or greater)

Add Items: 603-10.09 Expose Water Service House Leads (Less than 2")
603-10.10 Relocating Water Service House Leads

No. 3

Revised Estimated Quantities, Sheet 10 of 53 in construction plan set as follows:

Deleted pay items as follows:

Remove Items: Cofferdams – Bent 2
Graffiti Protection System

No. 4

Revised Substructure Quantity Table for Bent No. 2, Sheet 17 of 53 in construction plan set as follows:

Deleted pay items as follows:

Remove Items: Cofferdams – Bent 2
Graffiti Protection System

No. 5

Revised Itemized Bid Sheet, Page 1 of 8 as follows:

Revised Quantity: 203-10.00 Class "A" Excavation 1417.9 C.Y.

No. 6

Revised Itemized Bid Sheet, Page 2 of 8 as follows:

Remove Items: 603-10.90 Expose Water Service House Leads (2" or greater)
603-20.35 Relocating Water Service Connections (2" or greater)

Add Items: 603-10.09 Expose Water Service House Leads (Less than 2")
603-10.10 Relocating Water Service House Leads

No. 7

Revised Itemized Bid Sheet, Page 5 of 8 as follows:

Deleted Item: 206-60.02 Cofferdams – Bent 2

No. 8

Revised Itemized Bid Sheet, Page 6 of 8 as follows:

Deleted Item: 703-05.00 Graffiti Protection System

No. 9

Added Special Provision 1200.20.1 DEWATERING – BENT 2 as follows:

1200.20.1 DEWATERING – BENT 2

Description. The Contractor is advised that dewatering methods will likely be required to construct Bent 2. Several possible methods are outlined in Section 206 of the Standard Specifications for Road & Bridge Construction, however, other generally accepted construction means for completing this work may be considered. The Contractor shall submit the proposed means and methods for the construction of Bent 2 no later than the pre-construction meeting for review and approval by the engineer. The Contractor may only proceed with the proposed method after receiving approval from the Engineer.

Basis of Payment. Payment for all labor, materials, tools and equipment necessary to perform this item of work shall be considered incidental and completely covered by the contract unit price for other items. No direct payment will be made for this work.

REVISED CONSTRUCTION PLAN SHEETS 2, 3, 10, AND 17 OF 53 ARE ATTACHED AND SHOW THE CHANGES NOTED IN ITEM NOS. 1 - 4 ABOVE.

REVISED ITEMIZED BID SHEETS 1, 2, 5, AND 6 OF 8 REFLECT THE CHANGES NOTED IN ITEM NOS. 5, 6, 7 AND 8 ABOVE.

FOR CLARIFICATION, ITEMIZED BID SHEETS NO. 1 THROUGH 8 OF 8 ARE ATTACHED. BIDDERS MUST USE ITEMIZED BID SHEETS 1 THROUGH 8 OF 8 FROM ADDENDUM NO. 3 WITH THE BID SUBMITTAL. FAILURE TO SUBSTITUTE THE ITEMIZED BID SHEETS MAY RESULT IN REJECTION OF THE BID.

ATTENTION BIDDERS: THE ADDENDUM ACKNOWLEDGEMENT IN THE BID DOCUMENTS MUST BE COMPLETED AND SUBMITTED WITH ALL BID PROPOSALS.




Joseph Kulesa, P.E.
Acting Division Manager, Design

JK/PRT

SUB-TOTALS	TOTALS	UNIT	ITEM NO.	DESCRIPTION	REMARKS
				ROADWAY ITEMS	
1	1	LS	201-20.10	CLEARING AND GRUBBING	
1	1	LS	202-20.10	REMOVAL OF IMPROVEMENTS	
1289.0	1417.9	CY	203-10.00	CLASS "A" EXCAVATION	INCLUDES 10% EXTRA FOR CONTINGENCY
1	1	LS	203-10.30	LAND DISTURBANCE PERMIT	
1300.0	1430.0	SY	304-05.04	TYPE 5 AGGREGATE BASE (4 IN. THICK)	INCLUDES 10% EXTRA FOR CONTINGENCY
104.0	114.4	TON	405-30.10	TYPE "C" BITUMINOUS CONCRETE (PAVEMENT)	INCLUDES 10% EXTRA FOR CONTINGENCY EST. OF 0.06 TONS/SY/INCH
454.0	499.4	TON	405-30.30	TYPE "X" BITUMINOUS CONCRETE (BASE)	INCLUDES 10% EXTRA FOR CONTINGENCY EST. OF 0.06 TONS/SY/INCH
100	110	GAL	407-10.27	TACK-EMULSIFIED ASPHALT (SS-1H)	INCLUDES 10% EXTRA FOR CONTINGENCY EST. OF 0.10 TONS/SY/INCH
330	370	GAL	408-10.15	PRIME-LIQUID ASPHALT (MC30)	INCLUDES 10% EXTRA FOR CONTINGENCY EST. OF 0.10 TONS/SY/INCH
304.5	304.5	SY	504-10.20	CONCRETE APPROACH PAVEMENT	
1	1	EA	603-10.35	ADJUSTING WATER SERVICE VALVE BOX TO GRADE	
1	1	EA	603-10.40	ADJUST WATER SERVICE METER BOX TO GRADE	
1	1	EA	603-10.09	EXPOSE WATER SERVICE HOUSE LEADS (LESS THAN 2")	
100	100	LF	603-10.10	RELOCATING WATER SERVICE HOUSE LEADS	
3	3	EA	604-14.01	AREA INLET, SINGLE, OPEN 1 SIDE, UNTRAPPED	
1	1	EA	604-20.30	ADJUSTING MANHOLE TO GRADE	
2	2	EA	604-40.12	PIPE COLLAR, TYPE "B" (CONCRETE)	
110	110	LF	605-10.10	CLASS "A" UNDERDRAIN	
25	25	LF	606-10.10	GUARDRAIL, TYPE "A"	
3	3	EA	606-23.00	TRANSITION SECTION	
4	4	EA	606-30.95	CRASHWORTHY GUARDRAIL TERMINAL	
22.6	22.6	SY	608-50.07	PAVED APPROACH (7")	
172	172	LF	609-10.53	CURB & GUTTER, VERTICAL	
127	127	LF	609-20.11	INTEGRAL CURB (6" HEIGHT AND UNDER)	
8.0	8.0	CY	609-70.10	ROCK LINING	
800	840	TON	611-30.20	FURNISHING TYPE 2 ROCK BLANKET	INCLUDES 5% EXTRA FOR CONTINGENCY
800	840	TON	611-30.40	PLACING TYPE 2 ROCK BLANKET	INCLUDES 5% EXTRA FOR CONTINGENCY
1	1	LS	612-30.15	TRAFFIC CONTROL (ALL INCLUSIVE)	
1	1	LS	619-00.00	MOBILIZATION	
40	40	LF	725-10.18	18" CORRUGATED GALVANIZED METAL PIPE	
113	113	LF	726-23.12	12" CLASS III REINFORCED CONCRETE PIPE CULVERT (GASKET TYPE)	
50	50	LF	726-23.15	15" CLASS III REINFORCED CONCRETE PIPE CULVERT (GASKET TYPE)	
189	189	LF	726-54.08	8" POLYVINYL CHLORIDE PIPE	
5	5	EA	731-00.42	PRECAST CONCRETE MANHOLE (42")	
4	4	EA	732-00.15	15" FLARED END SECTION	
1171	1171	SY	803-10.00	SODDING	
1	1	LS	806-00.00	EROSION CONTROL MEASURES (SITES LESS THEN 1 ACRE)	
				STRUCTURAL ITEMS	
1	1	LS	202-10.20	REMOVAL OF BRIDGES	
417.0	417.0	CY	206-10.00	CLASS 1 EXCAVATION	
36.5	36.5	CY	206-20.03	CLASS 2 EXCAVATION IN ROCK	
1	1	LS	206-40.10	TEMPORARY EARTH RETENTION SYSTEM	
354	354	CY	206-45.05	SELECTED GRANULAR BACKFILL	
2	2	LS	206-50.02	CONCRETE BENT	
214.4	214.4	SY	503-10.00	BRIDGE APPROACH SLAB	
3	3	EA	606-20.00	BRIDGE ANCHOR SECTION	
15	15	LF	607-10.50	CHAIN LINK FENCE (RETAINING WALLS)	
103	103	LF	607-10.60	PEDESTRIAN FENCE (STRUCTURE)	
36	36	LF	701-12.01	ROCK SOCKETS (1 FT 6 IN DIA)	
69	69	LF	702-10.12	STRUCTURAL STEEL PILES (12 IN)	
1	1	EA	702-50.02	PILE WAVE ANALYSIS	
24	24	LF	702-60.10	PRE-BORE FOR PILING	
6	6	EA	702-70.00	PILE POINT REINFORCEMENT	
2876	2876	SF	703-03.00	BRIDGE DECK SURFACE PENETRATION SEALER	
2	2	LS	703-20.03	CONCRETE BENT	
140.9	140.9	CY	703-20.03	CLASS "B" CONCRETE (SUBSTRUCTURE)	
211	211	LF	703-42.15	SAFETY BARRIER CURB (BRIDGES, CAST-IN-PLACE)	
287	287	SY	703-45.01	CLASS "B-2" CONCRETE (SUPERSTRUCTURE ON CONCRETE "NU" GIRDER)	
10	10	EA	703-71.50	LAMINATED NEOPRENE BEARING PADS (TAPERED)	
306	306	LF	705-60.23	PRESTRESSED CONCRETE MEMBERS, NU GIRDERS	
13080	13080	LBS	706-10.60	REINFORCING STEEL (BRIDGES)	
6	6	EA	712-36.10	SLAB DRAIN	
2	2	EA	715-10.00	VERTICAL DRAIN AT END BENTS	
				PEDESTRIAN/BICYCLE ITEMS	
142.3	142.3	SY	608-60.04	CONCRETE SIDEWALK (4" THICK)	
6.3	6.3	SF	608-60.07	CONCRETE SIDEWALK, CURB RAMP (7" THICK)	
10	10	SY	608-60.98	TRUNCATED DOMES FOR CURB RAMPS (NEW CONSTRUCTION)	

[illegible]

2 DELETED

COUNTY PROJECT NO. CR-1452																		
FEDERAL PROJECT NO. BRM-5572(602)																		
E-WAY GATEWAY TIP NO. 6358-15																		
MSD:		P-0030707-00																
MSD BASE MAP:		27K																
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 15%;">REV.</th> <th style="width: 15%;">DATE</th> <th style="width: 15%;">BY</th> <th style="width: 15%;">APP.</th> <th style="width: 40%;">DESCRIPTION</th> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>ADDED 2 - PAY ITEM CORRECTION</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>ADDED 3 - PAY ITEM CORRECTION</td> </tr> </table>				REV.	DATE	BY	APP.	DESCRIPTION					ADDED 2 - PAY ITEM CORRECTION					ADDED 3 - PAY ITEM CORRECTION
REV.	DATE	BY	APP.	DESCRIPTION														
				ADDED 2 - PAY ITEM CORRECTION														
				ADDED 3 - PAY ITEM CORRECTION														
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>DISCLAIMER OF RESPONSIBILITY:</p> <p>I hereby certify that the documents intended to be published by my seal are true and correct and I hereby disclaim any responsibility for all other documents or instruments. Estimates, Reports or other documents or instruments used for any part of the engineering project or survey.</p> </div> <div style="width: 50%; text-align: right;"> <p>STATE OF MISSOURI</p> <p>JEFFREY B. MUES</p> <p>PROFESSIONAL ENGINEER</p> <p>NUMBER 5-2001052446</p> </div> </div>																		
DATE: 09/07/2016																		
 <p>BURNS & MCDONNELL</p> <p>425 SOUTH WOODS MILL ROAD CHESTERFIELD, MISSOURI 63017 ENG. 000165</p>		<p>J. MUES</p> <p>PROFESSIONAL ENGINEER LICENSE NO. 20001052446</p>																
<p>St. Louis</p> <p>COUNTY</p> <p>TRANSPORTATION</p> <p>PUBLIC WORKS</p> <p>Nicholas D. Gardner, Ph.D., P.E. Director</p>																		
<p>MUSICK AVENUE BRIDGE NO. 412</p> <p>OVER SAPPINGTON CREEK</p>		<p>SUMMARY OF QUANTITIES</p>																
DESIGNED: J. MUES																		
DRAWN: D. MICKE																		
CHECKED: K. RESTOFF																		
SHEET SEQUENCE: 2 OF 53																		

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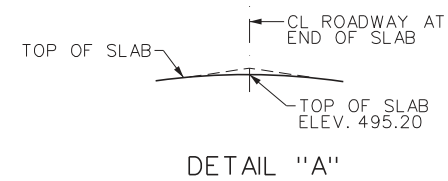
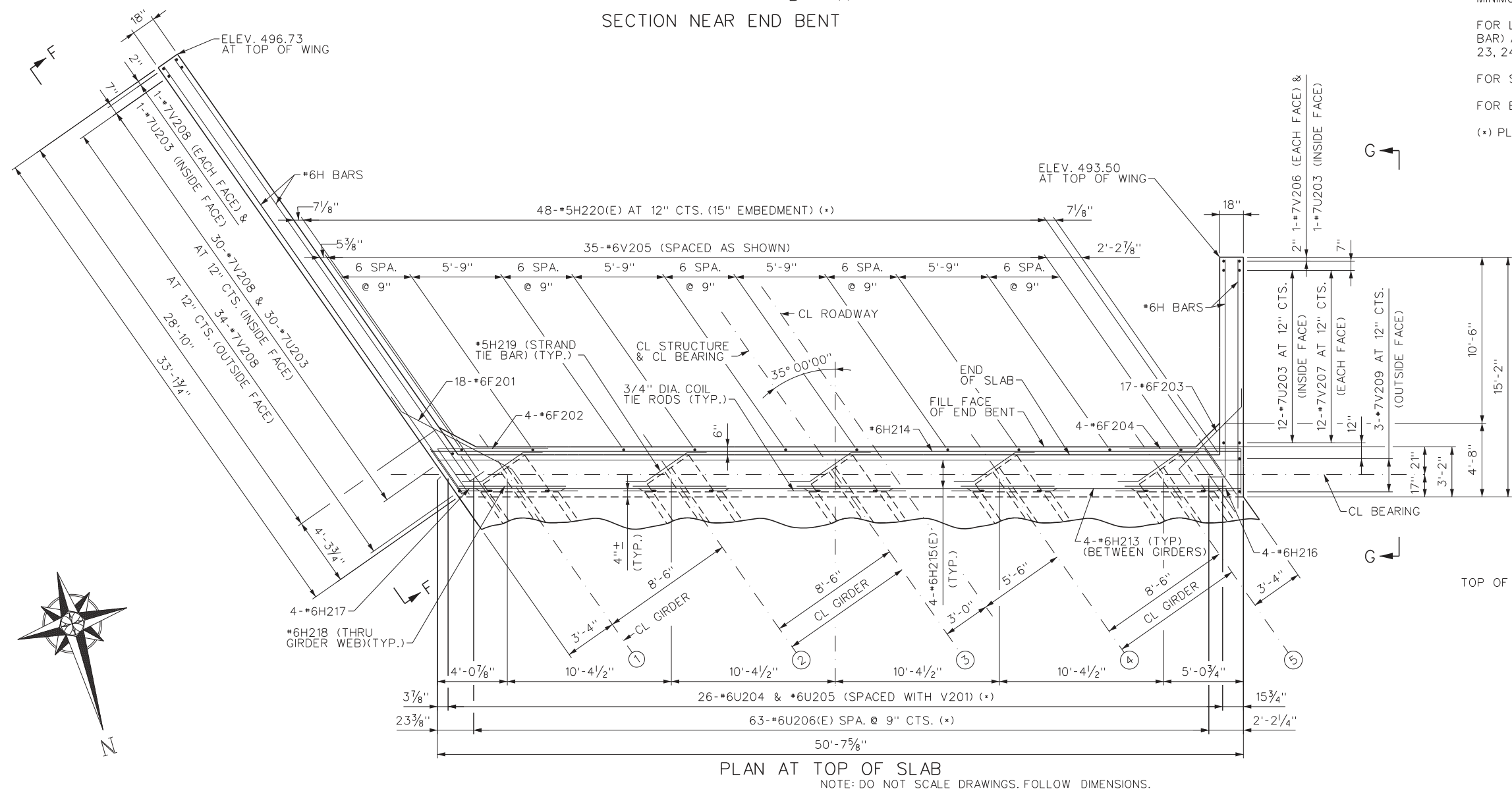
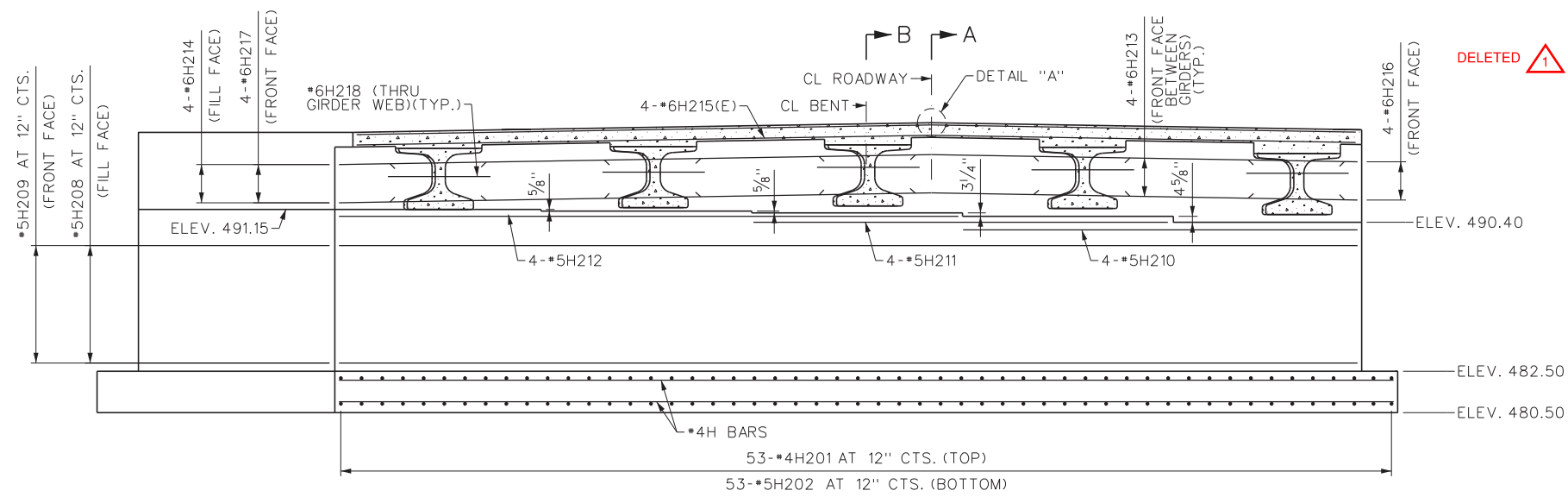
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ESTIMATED QUANTITIES				
ITEM		SUBSTR.	SUPERSTR.	TOTAL
REMOVAL OF BRIDGES (BRIDGE NO. 412)	LUMP SUM			1
CLASS 1 EXCAVATION	CU. YARD	417.0		417.0
CLASS 2 EXCAVATION IN ROCK	CU. YARD	36.5		36.5
TEMPORARY EARTH RETENTION SYSTEM	LUMP SUM	1		1
SELECTED GRANULAR BACKFILL	CU. YARD	354		354
COFFERDAMS - BENT 2	LUMP SUM	1		1
BRIDGE APPROACH SLAB	SQ. YARD		214.4	214.4
BRIDGE ANCHOR SECTION	EACH			3
CHAIN-LINK FENCE (RETAINING WALLS)	LINEAR FOOT		15	15
PEDESTRIAN FENCE (STRUCTURE)	LINEAR FOOT		103	103
ROCK SOCKETS (1 FT. 6 IN. DIA.)	LINEAR FOOT	36		36
STRUCTURAL STEEL PILES (12 IN.)	LINEAR FOOT	69		69
PILE WAVE ANALYSIS	EACH	1		1
PRE-BORE FOR PILING	LINEAR FOOT	24		24
PILE POINT REINFORCEMENT	EACH	6		6
BRIDGE DECK SURFACE PENETRATION SEALER	SQ. FOOT		2876	2876
GRAFFITI PROTECTION SYSTEM	LUMP SUM	1		1
CLASS B CONCRETE (SUBSTRUCTURE)	CU. YARD	140.9		140.9
SAFETY BARRIER CURB (BRIDGES, CAST-IN-PLACE)	LINEAR FOOT		211	211
CLASS B-2 CONCRETE (SUPERSTRUCTURE ON CONCRETE "NU" GIRDER)	SQ. YARD		287	287
LAMINATED NEOPRENE BEARING PADS (TAPERED)	EACH		10	10
PRESTRESSED CONCRETE MEMBERS, NU GIRDERS	LINEAR FOOT		306	306
REINFORCING STEEL (BRIDGES)	POUND	13080		13080
SLAB DRAIN	EACH		6	6
VERTICAL DRAIN AT END BENTS	EACH	2		2

ALL CONCRETE AND REINFORCEMENT ABOVE THE BEARING SEAT CONSTRUCTION JOINT IN THE END BENTS IS INCLUDED IN THE ESTIMATED QUANTITIES FOR "CLASS B-2 CONCRETE (SUPERSTRUCTURE ON CONCRETE "NU" GIRDER)".

COST OF CHANNEL SHEAR CONNECTORS C4X5.4 (ASTM A709 GR 36) IN PLACE TO BE INCLUDED IN CONTRACT UNIT PRICE FOR "STRUCTURAL STEEL PILES (12 IN.)".

"PEDESTRIAN FENCE (STRUCTURE)" SHALL INCLUDE ALL FENCE INDICATED AS STD C607.15 ON THE GENERAL PLAN AND ELEVATION SHEET.



SUBSTRUCTURE QUANTITY TABLE FOR BENT NO. 2		
ITEM		QUANTITY
CLASS 1 EXCAVATION	CU. YARD	349.0
CLASS 2 EXCAVATION IN ROCK	CU. YARD	36.5
TEMPORARY EARTH RETENTION SYSTEM	LUMP SUM	1
SELECTED GRANULAR BACKFILL	CU. YARD	354
COFFEEDAMS BENT 2	LUMP SUM	1
GRAVELL PROTECTION SYSTEM	LUMP SUM	1
CLASS B CONCRETE (SUBSTRUCTURE)	CU. YARD	118.7
REINFORCING STEEL (BRIDGES)	LB.	9530
VERTICAL DRAIN AT END BENTS	EACH	1

NOTE: THESE QUANTITIES ARE INCLUDED IN THE ESTIMATED QUANTITIES TABLE ON SHEET NO. 10.

NOTES:

FOR DETAILS OF VERTICAL DRAIN AT END BENT, SEE SHEET NO. 21.

BEND F201 & F203 BARS IN FIELD TO CLEAR GIRDERS.

ALL CONCRETE IN THE END BENT ABOVE TOP OF BEARING
SEAT AND BELOW TOP OF SLAB SHALL BE CLASS B-2.

FOR DETAILS OF APPROACH SLAB, SEE SHEET NO. 33.

STRANDS AT END OF THE GIRDER SHALL BE FIELD BENT
OR, IF NECESSARY, CUT IN FIELD TO MAINTAIN 1 1/2"
MINIMUM CLEARANCE TO FILL FACE OF END BENT.

FOR LOCATION OF COIL TIE RODS, #5H219 (STRAND TIE BAR) AND #6H218 (THRU GIRDER WEB) SEE SHEET NO. 23, 24 & 27.

FOR SECTIONS A-A & B-B, SEE SHEET NO. 19.

FOR ELEVATIONS F-F & G-G, SEE SHEET NO. 20.

(x) PLACED PARALLEL TO CL ROADWAY

NOTE: All Pages 1-8 of 8 are included with Addendum #3 for clarity.
Bidders must use Pages 1-8 of 8 from Addendum #3 in their bid submittal.

**ITEMIZED BID
BID OPTION 1 OF 1**

PAGE 1 OF 8

FEDERAL PROJECT NO. BRM-5572(602)

COUNTY PROJECT NO. CR-1452

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
ROADWAY ITEMS					
201-20.10	Clearing and Grubbing	L.S.	1		
202-20.10	Removal of Improvements	L.S.	1		
203-10.00	Class "A" Excavation	C.Y.	1417.9		
203-10.30	Land Disturbance Permits	L.S.	1		
304-05.04	Type 5 Aggregate Base (4" Thick)	S.Y.	1430		
405-30.10	Type "C" Bituminous Concrete (Pavement)	TON	114.4		
405-30.30	Type "X" Bituminous Concrete (Base)	TON	499.4		
407-10.27	Tack-Emulsified Asphalt (SS-1H)	GAL.	110		
408-10.15	Prime-Liquid Asphalt (MC30)	GAL.	370		

**** Revised Per Addendum #3**

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ITEMIZED BID
BID OPTION 1 OF 1

PAGE 2 OF 8

FEDERAL PROJECT NO. BRM-5572(602)
COUNTY PROJECT NO. CR-1452

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
ROADWAY ITEMS					
504-10.20	Concrete Approach Pavement	S.Y.	304.5		
** 603-10.09	Expose Water Service House Leads (Less than 2")	EACH	1		
** 603-10.10	Relocating House Water Service Lead	L.F.	100		
603-10.35	Adjust Water Service Valve Box to Grade	EACH	1		
603-10.40	Adjust Water Service Meter Box to Grade	EACH	1		
604-14.01	Area Inlet, Single, Open 1 Side, Untrapped	EACH	3		
604-20.30	Adjusting Manhole to Grade	EACH	1		
604-40.12	Pipe Collar, Type "B" (Concrete)	EACH	2		
605-10.10	Class "A" Underdrain	L.F.	110		

** Revised Per Addendum #3

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ITEMIZED BID BID OPTION 1 OF 1

PAGE 3 OF 8

FEDERAL PROJECT NO. BRM-5572(602)

COUNTY PROJECT NO. CR-1452

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
ROADWAY ITEMS					
606-10.10	Guardrail, Type "A"	L.F.	25		
606-23.00	Transition Section	EACH	3		
606-30.95	Crashworthy Guardrail Terminal	EACH	4		
608-50.07	Paved Approach (7")	S.Y.	22.6		
* 609-10.53	Curb and Gutter, Vertical	L.F.	172		
609-20.11	Integral Curb (6" Height and Under)	L.F.	127		
609-70.10	Rock Lining	C.Y.	8		
611-30.20	Furnishing Type 2 Rock Blanket	TON	840		
611-30.40	Placing Type 2 Rock Blanket	TON	840		

* Revised Per Addendum #2

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ITEMIZED BID
BID OPTION 1 OF 1

FEDERAL PROJECT NO. BRM-5572(602)
COUNTY PROJECT NO. CR-1452

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
ROADWAY ITEMS					
612-30.15	Traffic Control (All Inclusive)	L.S.	1		
619-00.00	Mobilization	L.S.	1		
725-10.18	18" Corrugated Galvanized Metal Pipe	L.F.	40		
726-23.12	12" Class III Reinforced Concrete Pipe Culvert (Gasket Type)	L.F.	113		
726-23.15	15" Class III Reinforced Concrete Pipe Culvert (Gasket Type)	L.F.	50		
726-54.08	8" Polyvinyl Chloride Pipe	L.F.	189		
731-00.42	Precast Concrete Manhole (42")	EACH	5		
732-00.15	15" Flared End Section	EACH	4		
* 803-10.00	Sodding	S.Y.	1171		

* Revised Per Addendum #2

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ITEMIZED BID
BID OPTION 1 OF 1

FEDERAL PROJECT NO. BRM-5572(602)
COUNTY PROJECT NO. CR-1452

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
ROADWAY ITEMS					
806-00.00	Erosion Control Measures (Sites less than 1 acre)	L.S.	1		
SUBTOTAL - ROADWAY ITEMS					
STRUCTURAL ITEMS					
202-10.20	Removal of Bridges	L.S.	1		
206-10.00	Class 1 Excavation	C.Y.	417		
206-20.03	Class 2 Excavation in Rock	C.Y.	36.5		
206-40.10	Temporary Earth Retention System	L.S.	1		
206-45.05	Selected Granular Backfill	C.Y.	354		
503-10.00	Bridge Approach Slab	S.Y.	214.4		

**** Deleted Per Addendum #3 - Item 206-60.02 Cofferdams - Bent 2**

NOTE: All Pages 1-8 of 8 are included with Addendum #3 for clarity.
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ITEMIZED BID
BID OPTION 1 OF 1

FEDERAL PROJECT NO. BRM-5572(602)
COUNTY PROJECT NO. CR-1452

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
STRUCTURAL ITEMS					
606-20.00	Bridge Anchor Section	EACH	3		
607-10.50	Chain Link Fence (Retaining Walls)	L.F.	15		
607-10.60	Pedestrian Fence (Structure)	L.F.	103		
701-12.01	Rock Sockets (1 Ft. 6 In. Dia.)	L.F.	36		
702-10.12	Structural Steel Piles (12")	L.F.	69		
702-50.02	Pile Wave Analysis	EACH	1		
702-60.10	Pre-Bore for Piling	L.F.	24		
702-70.00	Pile Point Reinforcement	EACH	6		
703-03.00	Bridge Deck Surface Penetration Sealer	S.F.	2876		

**** Deleted Per Addendum #3 - Item 703-05.00 Graffiti Protection System**

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ITEMIZED BID
BID OPTION 1 OF 1

FEDERAL PROJECT NO. BRM-5572(602)
COUNTY PROJECT NO. CR-1452

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
STRUCTURAL ITEMS					
703-20.03	Class "B" Concrete (Substructure)	C.Y.	140.9		
703-42.15	Safety Barrier Curb (Bridges, Cast-in-Place)	L.F.	211		
703-45.01	Class "B-2" Concrete (Superstructure on Concrete "NU" Girder)	S.Y.	287		
703-71.50	Laminated Neoprene Bearing Pads (Tapered)	EACH	10		
705-60.23	Prestressed Concrete Members, NU Girders	L.F.	306		
706-10.60	Reinforcing Steel (Bridges)	LBS.	13080		
712-36.10	Slab Drain	EACH	6		
715-10.00	Vertical Drain at End Bents	EACH	2		
SUBTOTAL - STRUCTURAL ITEMS					

NOTE: All Pages 1-8 of 8 are included with Addendum #3 for clarity.
Bidders must use Pages 1-8 of 8 from Addendum #3 in their bid submittal.

ITEMIZED BID
BID OPTION 1 OF 1

PAGE 8 OF 8

FEDERAL PROJECT NO. BRM-5572(602)
COUNTY PROJECT NO. CR-1452

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
PEDESTRIAN AND BICYCLE ITEMS					
608-60.04	Concrete Sidewalk (4" Thick)	S.Y.	142.3		
608-60.07	Concrete Sidewalk, Curb Ramp (7" Thick)	S.Y.	6.3		
608-60.98	Truncated Domes for Curb Ramps (New Construction)	S.F.	10		
SUBTOTAL - PEDESTRIAN AND BICYCLE ITEMS					
PROJECT TOTAL - BID OPTION 1 OF 1					