

Steven V. Stenger
County Executive



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

Stephanie Leon Streeter, P.E.
Deputy Director

June 28, 2017

ADDENDUM NO. 2

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 Pay item number for Class "B" Concrete (Substructure) on Sheet 2 of 53 in the construction plan set as follows:

Previous pay item number was shown as 703-20.02. Corrected pay item number is
703-20.03.

No. 2

Revised Itemized Bid Sheet, Page 3 of 8 as follows:

Remove Item:	609-10.10	Concrete Curb, Type "S"	172 L.F.
Add Item:	<u>609-10.53</u>	<u>Curb & Gutter, Vertical</u>	<u>172 L.F.</u>

No. 3

Corrected Quantity on Item 803-10.00 "Sodding" on Itemized Bid Sheet, Page 4 of 8 as follows:

Remove this Quantity:	1172 S.Y.
Replace with this Quantity:	<u>1171 S.Y.</u>

REVISED CONSTRUCTION PLAN SHEET 2 OF 53 IS ATTACHED AND SHOWS THE CHANGES NOTED IN ITEM NO. 1 ABOVE.

REVISED ITEMIZED BID SHEET NOS. 3 OF 8 AND 4 OF 8 ARE ATTACHED AND REFLECT THE CHANGES NOTED IN ITEM NOS. 2 AND 3 ABOVE. 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

**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					
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		

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* Revised Per Addendum #2

**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		

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* Revised Per Addendum #2

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	
974.0	1071.4	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	603-10.90	EXPOSE WATER SERVICE HOUSE LEADS (2" OR GREATER)	
100	100	LF	603-20.35	RELOCATING WATER SERVICE CONNECTIONS (2" OR GREATER)	
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	
1	1	LS	206-60.02	COFFERDAMS - BENT 2	
214.4	214.4	SY	503-10.00	BRIDGE APPROACH SLAB	
3	3	EA	606-20.00	BRIDGE ANCHOR SECTION	
15	15	LF	607-10.15	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	
1	1	LS	703-05.00	GRAFFITI PROTECTION SYSTEM	
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	SY	608-60.07	CONCRETE SIDEWALK, CURB RAMP (7" THICK)	
10	10	SF	608-60.98	TRUNCATED DOMES FOR CURB RAMPS (NEW CONSTRUCTION)	

[illegible]

COUNTY PROJECT NO. CR-1452			
FEDERAL PROJECT NO. BRM-5572(602)			
E-W GATEWAY TIP NO. 6358-15			
MSD: P-0030707-00			
MSD BASE MAP: 27K			
REV. DATE		BY APP	
DESCRIPTION		REVISIONS	
ADDITIONAL 2-PAY ITEM CORRECTION		JMM	
6/26/17		6/26/17	
Δ		Δ	
DISCLAIMER OF RESPONSIBILITY			
I, the undersigned, hereby certify that the documents submitted to be authorized by my seal are true and correct, and that I am duly qualified to practice engineering in the State of Missouri. I hereby disclaim any responsibility for all other documents, reports or other instruments of service submitted by others, and I disclaim any responsibility for the use of any part of the engineering project or survey.			
			
DATE: 09/07/2016			
		J. MUES PROFESSIONAL ENGINEER LICENSE NO. 2000162446	
425 SOUTH WOODS MILL ROAD CHESTERFIELD, MISSOURI 63017 ENG. 000165		St. Louis COUNTY TRANSPORTATION PUBLIC WORKS Nicholas D. Gardner, Ph.D., P.E. Director	
MUSICK AVENUE BRIDGE NO. 412 OVER SAPPINGTON CREEK		SUMMARY OF QUANTITIES	
DESIGNED: J. MUES			
DRAWN: D. MICKÉ			
CHECKED: K. RESTOFF			
SHEET SEQUENCE: 2 OF 53			