ADDENDUM NO. 1

ISSUED BY: Great River Associates

2826 S Ingram Mill Road Springfield, Missouri 65804

(417) 886-7171

(417) 886-7591 --- FAX

DATE:

December 23, 2015

FOR:

CEDAR COUNTY BRIDGE REPLACEMENT BRIDGE #0630001 OVER CEDAR CREEK

BRO-B020(17) GRA NO. 14-3368

The attached revisions hereby supersede any and all data with which they may conflict as indicated on the Drawings, Specifications and related documents issued in the original set. Each trade is responsible for changes in its work caused by changes in the work of other trades. This addendum is a part of and shall be attached to the original set of plans and specifications for the work.

ITEM 19

On the Bid Form, the Plain Neoprene Bearing Pad has changed to 124 L.F. Use the attached revised bid form.

ITEM 21

On the Bid Form, the Class B-1 Concrete (Substructure) has changed to 105 cubic yards. Use the attached revised bid form.

ITEM 22

On the Bid Form, the Structural Steel Piling (HP10X42) has changed to 158 L.F. Use the attached revised bid form.

Sheet C4

On the Construction Plans page C4, has been revised with the corrected quantities.



CONTRACTOR NAME:	
ADDRESS LINE 1:	
ADDRESS LINE 2:	
PHONE NUMBER:	
EMAIL:	

Cedar County 0630001 BRO-B020(17)

DATE:

ITEMIZED BID FORM

LINE	ITEM	DESCRIPTION	UNITS	QUANTITY	UNIT PRICE	AMOUNT
ROADWA	YITEMS					
1	201	CLEARING AND GRUBBING	L.S.	1		
2	203	EXCAVATION FOR ROADWAY - UNCLASSIFIED	C.Y.	2118		
3	203	EMBANKMENT IN PLACE W/ COMPACTION	C.Y.	441		
4	310	5" AGGREGATE ROAD SURFACE	S.Y.	1,127		
5	801/805	FERTILIZING AND SEEDING	AC.	0.62		
6	802	TYPE 1 MULCH	AC.	0.62		
7	616	MOVEABLE BARRICADES	EA.	6		
8	616	CONSTRUCTION SIGNS	EA.	4		
9	611	TYPE 2 ROCK BLANKET	C.Y.	1142	Name of the last o	
10	806	EROSION CONTROL FENCE OR SOCK	L.F.	1154		
11	806	ROCK DITCH CHECK	EA.	10		
12	607	FENCING	LF	84		
13	607	TRANSITION SECTION	EA	4		
14	606	CRASHWORTHY END TERMINAL	EA	4		
RIDGE 17	TEMS			R	OADWAY ITEMS SUBTOTAL	
15	618	MOBILIZATION	L.S.	1		
16	206	EXCAVATION FOR STRUCTURES - UNCLASSIFIED	C.Y.	91		
17	705	SLAB BEAMS (46'-7 1/2")	EA	12		
18	705	SLAB BEAMS (46' - 7")	EA	6		
19	1038	PLAIN NEOPRENE BEARING PAD	L.F.	124		
20	706	REINFORCING STEEL (SUBSTRUCTURE)	LBS	13,600		
21	703	CLASS B-1 CONCRETE (SUBSTRUCTURE)	CY	105		
22	702	STRUCTURAL STEEL PILING (HP10X42)	LF	158		
23	713	SL-1 BRIDGE RAILING	LF	280	V	

TOTAL CONTRACT

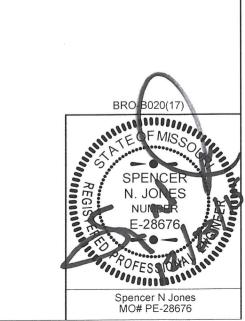
	PILE AND FOOTING	G DATA			
	BENT NO.	1	2	3	4
	PILE TYPE AND SIZE	HP10x42			HP10x42
	NUMBER	5			5
BEARING PILE	APPROXIMATE LENGTH (FT.)	15.6			16
	DESIGN BEARING (TONS)	52			52
	HAMMER ENERGY REQUIRED (FTLBS.)	15,904			15,904
	TOP ELEVATION	745			745
SPREAD	FOUNDATION MATERIAL	-	ROCK	ROCK	-
FOOTINGS	DESIGN BEARING (K/SQ. FT.)	-	36	36	-

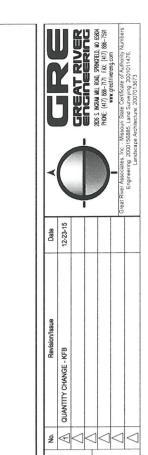
- 1. ALL PILES SHALL BE DRIVEN TO PRACTICAL REFUSAL.
- 2. MANUFACTURED PILE POINT REINFORCEMENT SHALL BE USED ON ALL PILES IN THIS STRUCTURE. COST WILL BE CONSIDERED INCIDENTAL TO CONSTRUCTION.

HYDRAULIC SUMMARY DA	ATA TABLE
DESIGN FLOOD DATA	
DRAINAGE AREA	435 SQ. MI.
DESIGN FREQUENCY	2 YR
DESIGN DISCHARGE	9,629 CFS
DESIGN HIGH WATER ELEVATION AT STRUCTURE	744.74 FEET
100 YEAR DISCHARGE	40,411 CFS
100 YEAR HIGH WATER ELEVATION AT STRUCTURE	756.58 FEET
100 YEAR BACKWATER	0.02 FEET
APPROACH ROADWAY OVERTOPPING FREQUENCY	2 YR.

ROADWAY QUAN	TITIES	
ITEM	TOTAL	UNITS
CLEARING AND GRUBBING	1	L.S.
EXCAVATION FOR ROADWAY-UNCLASSIFIED	2,118	C.Y.
EMBANKMENT IN PLACE W/ COMPACTION	441	C.Y.
5" AGGREGATE ROAD SURFACE (INCL. FIELD ENTRANCE)	1,127	S.Y.
FERTILIZING AND SEEDING	0.62	ACRES
TYPE I MULCH	0.62	ACRES
MOVEABLE BARRICADES	6	EACH
CONSTRUCTION SIGNS	4	EACH
TYPE 2 ROCK BLANKET	1,142	C.Y.
EROSION CONTROL FENCE OR SOCK	1,154	L.F.
ROCK DITCH CHECKS	10	EA.
FENCING	84	L.F.
TRANSITION SECTION	4	EACH
CRASHWORTHY END TERMINAL	4	EACH

	BRIDGE QUANT	TITIES		
ITEM	SUBSTRUCTURE	SUPERSTRUCTURE	TOTAL	UNIT
MOBILIZATION			1	L.S.
EXCAVATION FOR STRUCTURE-UNCLASSIFIED			91	C.Y.
SLAB BEAMS (46'-7 1/2")		12	12	EACH
SLAB BEAMS (46'-7")		6	6	EACH
PLAIN NEOPRENE BEARING PAD		(124) 1	(124) 🛕	L.F.
REINFORCING STEEL (SUBSTRUCTURE)	13,600		13,600	LBS.
CLASS B-1 CONCRETE (SUBSTRUCTURE)	105		105	C.Y.
STRUCTURAL STEEL PILING (HP10x42)	158		158	L.F.
SL-1 RAILING		280'-0"	280'-0"	L.F.





COUNTY ROAD 1201 BRIDGE #0630001 OVER CEDAR CREEK CEDAR COUNTY, MISSOURI CHECKED BY: SJ
DRAWN BY: KFT
JOB NUMBER: 14-3368
FILE NAME: 14-3368_Civil
SCALE: NTS
ISSUE DATE: 07 01 2015

BRIDGE QUANTITIES