

SHAHER, KLINE & WARREN, INC.
 3200 Penn Terrace, Suite 100
 Columbia, MO 65202
 (573) 442-4537

Lincoln County, MO
 2015 Flood Damage-Bridge Repair
 Contract 4
 Bridge No. 0050020 - HOBART RD;
 0310001 - N CORNERSTONE CHURCH RD;
 0160020 - KUNTZ RD;
 1010003 - ST. ALPHONSUS RD;
 1070036 - NORTON RD;
 1860008 - BOHEMIAN CHURCH RD;
 1950016 N MOORE SCHOOL HOUSE RD.
 Bid Date: August 1, 2016

				ENGINEER'S ESTIMATE		Travis Hodge Hauling, LLC P.O. Box 1064 Lake Ozark, MO 65049		Kuesel Excavating Company, Inc. 854 Lone Star Dr. O'Fallon, MO 63366		L. Keeley Construction Company 500 S. Ewing Avenue, Suite G St. Louis, MO 63103		C & C Bridge & Concrete, Inc. 2124 Riverview Lane Pilot Grove, MO 65276	
ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
BRIDGE NO. 0050020 - HOBART RD													
1	Removal of Improvements	L.S.	1	\$3,000.00	\$3,000.00	\$3,450.00	\$3,450.00	\$2,600.00	\$2,600.00	\$4,000.00	\$4,000.00	\$2,500.00	\$2,500.00
2	Removal of Debris	L.S.	1	\$2,000.00	\$2,000.00	\$575.00	\$575.00	\$1,300.00	\$1,300.00	\$4,000.00	\$4,000.00	\$2,500.00	\$2,500.00
3	Excavation for Structure (Class 1 In Rock)	C.Y.	20	\$100.00	\$2,000.00	\$172.50	\$3,450.00	\$250.00	\$5,000.00	\$200.00	\$4,000.00	\$1,200.00	\$24,000.00
4	Cofferdam	L.F.	160	\$100.00	\$16,000.00	\$13.80	\$2,208.00	\$125.00	\$20,000.00	\$225.00	\$36,000.00	\$60.00	\$9,600.00
5	Water Pump	L.S.	3	\$500.00	\$1,500.00	\$690.00	\$2,070.00	\$450.00	\$1,350.00	\$1,500.00	\$4,500.00	\$1,000.00	\$3,000.00
6	Traffic Control	L.S.	1	\$3,000.00	\$3,000.00	\$1,150.00	\$1,150.00	\$1,400.00	\$1,400.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00
7	Mobilization	L.S.	1	\$2,000.00	\$2,000.00	\$2,300.00	\$2,300.00	\$1,500.00	\$1,500.00	\$2,500.00	\$2,500.00	\$9,000.00	\$9,000.00
8	Class B-1 Concrete	C.Y.	7	\$750.00	\$5,250.00	\$632.50	\$4,427.50	\$1,800.00	\$12,600.00	\$1,000.00	\$7,000.00	\$1,000.00	\$7,000.00
9	Silt Fence	L.F.	160	\$3.00	\$480.00	\$3.45	\$552.00	\$4.80	\$768.00	\$3.00	\$480.00	\$10.00	\$1,600.00
10	Reinforcing Steel (Grade 60)	LBS.	600	\$3.00	\$1,800.00	\$4.60	\$2,760.00	\$3.10	\$1,860.00	\$5.00	\$3,000.00	\$3.00	\$1,800.00
11	Seeding (Includes Fertilizer & Mulch)	ACRES	0.02	\$10,000.00	\$200.00	\$69,000.00	\$1,380.00	\$25,000.00	\$500.00	\$100,000.00	\$2,000.00	\$20,000.00	\$400.00
0050020 Subtotal					\$37,230.00		\$24,322.50		\$48,878.00		\$68,980.00		\$62,900.00
BRIDGE NO. 0310001 - N CORNERSTONE CHURCH RD													
1	Removal of Improvements	L.S.	1	\$3,000.00	\$3,000.00	\$1,150.00	\$1,150.00	\$1,300.00	\$1,300.00	\$5,000.00	\$5,000.00	\$2,500.00	\$2,500.00
2	Embankment in Place	C.Y.	17	\$150.00	\$2,550.00	\$46.00	\$782.00	\$75.00	\$1,275.00	\$100.00	\$1,700.00	\$50.00	\$850.00
3	Excavation for Structure (Class 1 In Rock)	C.Y.	48	\$100.00	\$4,800.00	\$172.50	\$8,280.00	\$175.00	\$8,400.00	\$200.00	\$9,600.00	\$500.00	\$24,000.00
4	Cofferdam	L.F.	120	\$100.00	\$12,000.00	\$13.80	\$1,656.00	\$125.00	\$15,000.00	\$220.00	\$26,400.00	\$80.00	\$9,600.00
5	Water Pump	L.S.	3	\$500.00	\$1,500.00	\$690.00	\$2,070.00	\$450.00	\$1,350.00	\$1,500.00	\$4,500.00	\$1,000.00	\$3,000.00
6	MoDOT Type 2 Rock Blanket	C.Y.	63	\$75.00	\$4,725.00	\$63.25	\$3,984.75	\$66.00	\$4,158.00	\$100.00	\$6,300.00	\$100.00	\$6,300.00
7	Traffic Control	L.S.	1	\$3,000.00	\$3,000.00	\$1,150.00	\$1,150.00	\$1,400.00	\$1,400.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00
8	Mobilization	L.S.	1	\$3,500.00	\$3,500.00	\$2,300.00	\$2,300.00	\$1,501.00	\$1,501.00	\$2,500.00	\$2,500.00	\$9,000.00	\$9,000.00
9	Geotextile Fabric	S.Y.	139	\$3.00	\$417.00	\$4.60	\$639.40	\$4.00	\$556.00	\$3.00	\$417.00	\$5.00	\$695.00
10	Class B-1 Concrete	C.Y.	28	\$650.00	\$18,200.00	\$632.50	\$17,710.00	\$950.00	\$26,600.00	\$850.00	\$23,800.00	\$500.00	\$14,000.00
11	Silt Fence	L.F.	120	\$3.00	\$360.00	\$3.45	\$414.00	\$5.00	\$600.00	\$3.00	\$360.00	\$10.00	\$1,200.00
12	Reinforcing Steel (Grade 60)	LBS.	700	\$3.00	\$2,100.00	\$4.60	\$3,220.00	\$3.10	\$2,170.00	\$5.00	\$3,500.00	\$3.00	\$2,100.00
13	Seeding (Includes Fertilizer & Mulch)	ACRES	0.02	\$10,000.00	\$200.00	\$69,000.00	\$1,380.00	\$25,000.00	\$500.00	\$100,000.00	\$2,000.00	\$20,000.00	\$400.00
0310001 Subtotal					\$56,352.00		\$44,736.15		\$64,810.00		\$87,577.00		\$75,145.00
BRIDGE NO. 0160020 - KUNTZ RD													
1	Removal of Improvements	L.S.	1	\$3,000.00	\$3,000.00	\$2,875.00	\$2,875.00	\$2,400.00	\$2,400.00	\$4,000.00	\$4,000.00	\$2,500.00	\$2,500.00
2	Removal of Debris	L.S.	1	\$1,500.00	\$1,500.00	\$1,150.00	\$1,150.00	\$1,200.00	\$1,200.00	\$1,000.00	\$1,000.00	\$2,500.00	\$2,500.00
3	Excavation for Structure (Class 1)	C.Y.	11	\$100.00	\$1,100.00	\$172.50	\$1,897.50	\$125.00	\$1,375.00	\$200.00	\$2,200.00	\$1,100.00	\$12,100.00
4	Cofferdam	L.F.	50	\$100.00	\$5,000.00	\$13.80	\$690.00	\$125.00	\$6,250.00	\$250.00	\$12,500.00	\$200.00	\$10,000.00
5	Water Pump	L.S.	2	\$500.00	\$1,000.00	\$690.00	\$1,380.00	\$500.00	\$1,000.00	\$1,000.00	\$2,000.00	\$1,500.00	\$3,000.00
6	Traffic Control	L.S.	1	\$3,000.00	\$3,000.00	\$1,150.00	\$1,150.00	\$1,400.00	\$1,400.00	\$1,000.00	\$1,000.00	\$1,500.00	\$1,500.00
7	Mobilization	L.S.	1	\$1,500.00	\$1,500.00	\$2,300.00	\$2,300.00	\$1,500.00	\$1,500.00	\$2,500.00	\$2,500.00	\$9,000.00	\$9,000.00
8	Class B-1 Concrete	C.Y.	4	\$800.00	\$3,200.00	\$632.60	\$2,530.40	\$2,000.00	\$8,000.00	\$1,000.00	\$4,000.00	\$2,000.00	\$8,000.00
9	Reinforcing Steel (Grade 60)	LBS.	200	\$3.00	\$600.00	\$5.75	\$1,150.00	\$3.10	\$620.00	\$5.00	\$1,000.00	\$5.00	\$1,000.00
10	Silt Fence	L.F.	50	\$3.00	\$150.00	\$3.45	\$172.50	\$5.50	\$275.00	\$3.00	\$150.00	\$10.00	\$500.00
11	Seeding (Includes Fertilizer & Mulch)	ACRES	0.02	\$10,000.00	\$200.00	\$69,000.00	\$1,380.00	\$25,000.00	\$500.00	\$100,000.00	\$2,000.00	\$20,000.00	\$400.00
0160020 Subtotal					\$20,250.00		\$16,675.40		\$24,520.00		\$32,350.00		\$50,500.00
BRIDGE NO. 1010003 - ST. ALPHONSUS RD													
1	Removal of Improvements	L.S.	1	\$1,000.00	\$1,000.00	\$1,725.00	\$1,725.00	\$1,600.00	\$1,600.00	\$5,000.00	\$5,000.00	\$2,500.00	\$2,500.00
2	Embankment in Place	C.Y.	9	\$150.00	\$1,350.00	\$115.00	\$1,035.00	\$135.00	\$1,215.00	\$200.00	\$1,800.00	\$50.00	\$450.00
3	MoDOT Type 2 Rock Blanket	C.Y.	31	\$75.00	\$2,325.00	\$80.50	\$2,495.50	\$75.00	\$2,325.00	\$100.00	\$3,100.00	\$100.00	\$3,100.00
4	Traffic Control	L.S.	1	\$3,000.00	\$3,000.00	\$575.00	\$575.00	\$1,400.00	\$1,400.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00
5	Mobilization	L.S.	1	\$800.00	\$800.00	\$2,300.00	\$2,300.00	\$1,000.00	\$1,000.00	\$2,500.00	\$2,500.00	\$2,000.00	\$2,000.00
6	Geotextile Fabric	S.Y.	68	\$3.00	\$204.00	\$5.75	\$391.00	\$4.75	\$323.00	\$3.00	\$204.00	\$5.00	\$340.00
7	Seeding (Includes Fertilizer & Mulch)	ACRES	0.02	\$10,000.00	\$200.00	\$69,000.00	\$1,380.00	\$25,000.00	\$500.00	\$100,000.00	\$2,000.00	\$20,000.00	\$400.00
1010003 Subtotal					\$8,879.00		\$9,901.50		\$8,363.00		\$16,104.00		\$10,290.00

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 Bid Date: August 1, 2016

				ENGINEER'S ESTIMATE		Travis Hodge Hauling, LLC P.O. Box 1064 Lake Ozark, MO 65049		Kuesel Excavating Company, Inc. 854 Lone Star Dr. O'Fallon, MO 63366		L. Keeley Construction Company 500 S. Ewing Avenue, Suite G St. Louis, MO 63103		C & C Bridge & Concrete, Inc. 2124 Riverview Lane Pilot Grove, MO 65276	
ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
BRIDGE NO. 1070036 - NORTON RD													
1	Removal of Improvements	L.S.	1	\$3,000.00	\$3,000.00	\$2,300.00	\$2,300.00	\$1,000.00	\$1,000.00	\$4,000.00	\$4,000.00	\$2,500.00	\$2,500.00
2	Embankment in Place	C.Y.	18	\$150.00	\$2,700.00	\$69.00	\$1,242.00	\$75.00	\$1,350.00	\$100.00	\$1,800.00	\$50.00	\$900.00
3	Excavation for Structure (Class 1)	C.Y.	20	\$100.00	\$2,000.00	\$115.00	\$2,300.00	\$130.00	\$2,600.00	\$200.00	\$4,000.00	\$1,200.00	\$24,000.00
4	Cofferdam	L.F.	80	\$100.00	\$8,000.00	\$18.40	\$1,472.00	\$125.00	\$10,000.00	\$250.00	\$20,000.00	\$125.00	\$10,000.00
5	Water Pump	L.S.	3	\$500.00	\$1,500.00	\$690.00	\$2,070.00	\$500.00	\$1,500.00	\$1,000.00	\$3,000.00	\$1,000.00	\$3,000.00
6	Traffic Control	L.S.	1	\$3,000.00	\$3,000.00	\$1,725.00	\$1,725.00	\$1,400.00	\$1,400.00	\$1,000.00	\$1,000.00	\$1,500.00	\$1,500.00
7	Mobilization	L.S.	1	\$2,200.00	\$2,200.00	\$3,450.00	\$3,450.00	\$1,500.00	\$1,500.00	\$2,000.00	\$2,000.00	\$9,000.00	\$9,000.00
8	Class B-1 Concrete	C.Y.	8	\$800.00	\$6,400.00	\$632.50	\$5,060.00	\$1,600.00	\$12,800.00	\$1,000.00	\$8,000.00	\$1,000.00	\$8,000.00
9	Reinforcing Steel (Grade 60)	LBS	400	\$3.00	\$1,200.00	\$4.60	\$1,840.00	\$3.10	\$1,240.00	\$5.00	\$2,000.00	\$5.00	\$2,000.00
10	Silt Fence	L.F.	80	\$3.00	\$240.00	\$3.45	\$276.00	\$5.50	\$440.00	\$3.00	\$240.00	\$10.00	\$800.00
10	Seeding (Includes Fertilizer & Mulch)	ACRES	0.02	\$10,000.00	\$200.00	\$69,000.00	\$1,380.00	\$25,000.00	\$500.00	\$100,000.00	\$2,000.00	\$20,000.00	\$400.00
1070036 Subtotal					\$30,440.00		\$23,115.00		\$34,330.00		\$48,040.00		\$62,100.00
BRIDGE NO. 1860008 - BOHEMIAN CHURCH RD													
1	Removal of Improvements	L.S.	1	\$3,000.00	\$3,000.00	\$2,875.00	\$2,875.00	\$3,700.00	\$3,700.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00
2	Embankment in Place	C.Y.	48	\$50.00	\$2,400.00	\$57.50	\$2,760.00	\$60.00	\$2,880.00	\$100.00	\$4,800.00	\$50.00	\$2,400.00
3	Fence	L.F.	100	\$8.00	\$800.00	\$13.80	\$1,380.00	\$11.00	\$1,100.00	\$10.00	\$1,000.00	\$15.00	\$1,500.00
4	Temporary Fence	L.F.	100	\$8.00	\$800.00	\$11.50	\$1,150.00	\$7.25	\$725.00	\$10.00	\$1,000.00	\$15.00	\$1,500.00
5	MoDOT Type 2 Rock Blanket	C.Y.	178	\$50.00	\$8,900.00	\$69.00	\$12,282.00	\$48.00	\$8,544.00	\$50.00	\$8,900.00	\$150.00	\$26,700.00
6	Traffic Control	L.S.	1	\$3,000.00	\$3,000.00	\$1,150.00	\$1,150.00	\$1,400.00	\$1,400.00	\$1,000.00	\$1,000.00	\$1,500.00	\$1,500.00
7	Mobilization	L.S.	1	\$3,000.00	\$3,000.00	\$2,300.00	\$2,300.00	\$1,500.50	\$1,500.50	\$1,500.00	\$1,500.00	\$9,000.00	\$9,000.00
8	Geotextile Fabric	S.Y.	339	\$3.00	\$1,017.00	\$4.60	\$1,559.40	\$4.50	\$1,525.50	\$3.00	\$1,017.00	\$5.00	\$1,695.00
9	Class B-1 Concrete (Flowable Fill) - Abutment	C.Y.	16	\$700.00	\$11,200.00	\$690.00	\$11,040.00	\$950.00	\$15,200.00	\$500.00	\$8,000.00	\$1,500.00	\$24,000.00
10	Seeding (Includes Fertilizer & Mulch)	ACRES	0.02	\$10,000.00	\$200.00	\$69,000.00	\$1,380.00	\$25,000.00	\$500.00	\$100,000.00	\$2,000.00	\$20,000.00	\$400.00
1860008 Subtotal					\$34,317.00		\$37,876.40		\$37,075.00		\$33,217.00		\$72,695.00
BRIDGE NO. 1950016 N MOORE SCHOOL HOUSE RD													
1	Removal of Improvements	L.S.	1	\$1,500.00	\$1,500.00	\$2,875.00	\$2,875.00	\$1,300.00	\$1,300.00	\$3,800.00	\$3,800.00	\$2,500.00	\$2,500.00
2	Removal of Debris	L.S.	1	\$2,000.00	\$2,000.00	\$1,150.00	\$1,150.00	\$1,300.00	\$1,300.00	\$2,000.00	\$2,000.00	\$2,500.00	\$2,500.00
3	Embankment in Place	C.Y.	7	\$100.00	\$700.00	\$57.50	\$402.50	\$135.00	\$945.00	\$200.00	\$1,400.00	\$50.00	\$350.00
4	MoDOT Type 2 Rock Blanket	C.Y.	26	\$75.00	\$1,950.00	\$69.00	\$1,794.00	\$75.00	\$1,950.00	\$150.00	\$3,900.00	\$115.00	\$2,990.00
5	Traffic Control	L.S.	1	\$3,000.00	\$3,000.00	\$1,150.00	\$1,150.00	\$1,400.00	\$1,400.00	\$1,000.00	\$1,000.00	\$1,500.00	\$1,500.00
6	Mobilization	L.S.	1	\$1,000.00	\$1,000.00	\$2,300.00	\$2,300.00	\$1,503.00	\$1,503.00	\$1,500.00	\$1,500.00	\$2,000.00	\$2,000.00
7	Geotextile Fabric	S.Y.	58	\$3.00	\$174.00	\$5.75	\$333.50	\$4.00	\$232.00	\$3.00	\$174.00	\$5.00	\$290.00
8	Seeding (Includes Fertilizer & Mulch)	ACRES	0.02	\$10,000.00	\$200.00	\$69,000.00	\$1,380.00	\$25,000.00	\$500.00	\$100,000.00	\$2,000.00	\$20,000.00	\$400.00
1950016 Subtotal					\$10,524.00		\$11,385.00		\$9,130.00		\$15,774.00		\$12,530.00
Total Contractor					\$197,992.00		\$168,011.95		\$227,106.00		\$302,042.00		\$346,160.00

CALENDER DAYS = 75

LIQUIDATED DAMAGES = \$500 PER DAY