

SHAHER, KLINE & WARREN, INC.  
 11250 Corporate Avenue  
 Lenexa, KS 66219  
 (913) 888-7800

Pettis County, MO  
 West Main Street  
 Project Number BRO-B080 (33)  
 Bridge No. 42700051  
 Bid Date: March 10, 2017

ITEM	DESCRIPTION	UNIT	QUANTITY	ENGINEER'S ESTIMATE		C&C Bridge & Concrete, Inc. 2124 Riverview Lane Pilot Grove, MO 65276		Gene Haile Excavating, Inc. 31571 Hwy 87 South California, MO 65018		Chester Brass Construction Co. P.O Box 430 Hannibal, MO 63401		Boone Construction Co. 5611 Brown Station Road Columbia, MO 65202	
				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
<b>ROADWAY ITEMS</b>													
1	Clearing & Grubbing (Approx 0.1 Acres)	L.S.	1	\$3,500.00	\$3,500.00	\$2,000.00	\$2,000.00	\$3,000.00	\$3,000.00	\$2,000.00	\$2,000.00	\$6,000.00	\$6,000.00
2	Removal of Existing Improvements	L.S.	1	\$2,500.00	\$2,500.00	\$2,000.00	\$2,000.00	\$3,000.00	\$3,000.00	\$2,000.00	\$2,000.00	\$5,000.00	\$5,000.00
3	Embankment in Place	C.Y.	381	\$20.00	\$7,620.00	\$10.00	\$3,810.00	\$12.00	\$4,572.00	\$15.00	\$5,715.00	\$34.00	\$12,954.00
4	8" Type 5 Aggregate Base	S.Y.	675	\$5.00	\$3,375.00	\$10.00	\$6,750.00	\$10.00	\$6,750.00	\$8.00	\$5,400.00	\$10.00	\$6,750.00
5	4" Asphaltic Concrete Base	S.Y.	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
6	2" Asphaltic Concrete Base	S.Y.	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
7	Crashworthy End Terminals	EACH	4	\$2,500.00	\$10,000.00	\$3,200.00	\$12,800.00	\$2,500.00	\$10,000.00	\$2,700.00	\$10,800.00	\$2,000.00	\$8,000.00
8	Fence	L.F.	203	\$10.00	\$2,030.00	\$12.00	\$2,436.00	\$15.00	\$3,045.00	\$18.00	\$3,654.00	\$15.00	\$3,045.00
9	Watergate	L.F.	50	\$200.00	\$10,000.00	\$100.00	\$5,000.00	\$120.00	\$6,000.00	\$175.00	\$8,750.00	\$160.00	\$8,000.00
10	Mobilization	L.S.	1	\$24,000.00	\$24,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$18,000.00	\$18,000.00	\$30,000.00	\$30,000.00
11	Seeding (includes Fertilizing & Mulching)	ACRE	0.2	\$3,500.00	\$700.00	\$10,000.00	\$2,000.00	\$13,000.00	\$2,600.00	\$7,500.00	\$1,500.00	\$6,500.00	\$1,300.00
12	Ditch Check	EACH	2	\$300.00	\$600.00	\$500.00	\$1,000.00	\$250.00	\$500.00	\$155.00	\$310.00	\$150.00	\$300.00
13	Silt Fence	L.F.	340	\$4.00	\$1,360.00	\$5.00	\$1,700.00	\$3.00	\$1,020.00	\$3.50	\$1,190.00	\$3.40	\$1,156.00
<b>SUBTOTAL ROADWAY</b>				<b>\$65,685.00</b>	<b>\$65,685.00</b>	<b>\$59,496.00</b>	<b>\$59,496.00</b>	<b>\$60,487.00</b>	<b>\$60,487.00</b>	<b>\$59,319.00</b>	<b>\$59,319.00</b>	<b>\$82,505.00</b>	<b>\$82,505.00</b>
<b>SIGNING ITEMS</b>													
14	Type III Moveable Barricades	EACH	6	\$375.00	\$2,250.00	\$200.00	\$1,200.00	\$250.00	\$1,500.00	\$160.00	\$960.00	\$155.00	\$930.00
15	Construction Signs	EACH	6	\$200.00	\$1,200.00	\$150.00	\$900.00	\$200.00	\$1,200.00	\$130.00	\$780.00	\$125.00	\$750.00
<b>SUBTOTAL SIGNING</b>				<b>\$3,450.00</b>	<b>\$3,450.00</b>	<b>\$2,100.00</b>	<b>\$2,100.00</b>	<b>\$2,700.00</b>	<b>\$2,700.00</b>	<b>\$1,740.00</b>	<b>\$1,740.00</b>	<b>\$1,680.00</b>	<b>\$1,680.00</b>
<b>BRIDGE ITEMS</b>													
16	Excavation for Structures	C.Y.	70.7	\$50.00	\$3,535.00	\$20.00	\$1,414.00	\$30.00	\$2,121.00	\$10.00	\$707.00	\$42.00	\$2,969.40
17	Removal of Existing Bridge	L.S.	1	\$5,000.00	\$5,000.00	\$8,000.00	\$8,000.00	\$5,500.00	\$5,500.00	\$5,000.00	\$5,000.00	\$8,000.00	\$8,000.00
18	Type 2 Rock Blanket	C.Y.	258	\$60.00	\$15,480.00	\$50.00	\$12,900.00	\$45.00	\$11,610.00	\$52.00	\$13,416.00	\$41.00	\$10,578.00
19	Geotextile Fabric	S.Y.	478	\$4.00	\$1,912.00	\$3.00	\$1,434.00	\$3.50	\$1,673.00	\$2.00	\$956.00	\$1.50	\$717.00
20	HP 10X42 Structural Steel Piles	L.F.	170	\$70.00	\$11,900.00	\$60.00	\$10,200.00	\$70.00	\$11,900.00	\$65.00	\$11,050.00	\$66.00	\$11,220.00
21	Prebore Piling	L.F.	125	\$120.00	\$15,000.00	\$110.00	\$13,750.00	\$100.00	\$12,500.00	\$120.00	\$15,000.00	\$125.00	\$15,625.00
22	Pile Point Reinforcement	EACH	12	\$200.00	\$2,400.00	\$125.00	\$1,500.00	\$125.00	\$1,500.00	\$120.00	\$1,440.00	\$150.00	\$1,800.00
23	Class B-2 Concrete	C.Y.	56.5	\$700.00	\$39,550.00	\$500.00	\$28,250.00	\$550.00	\$31,075.00	\$530.00	\$29,945.00	\$660.00	\$37,290.00
24	Slab on Steel Girder	S.Y.	164.5	\$274.00	\$45,073.00	\$300.00	\$49,350.00	\$300.00	\$49,350.00	\$450.00	\$74,025.00	\$475.00	\$78,137.50
25	Fabricated Structural Steel	LBS	41,310	\$1.50	\$61,965.00	\$1.50	\$61,965.00	\$1.55	\$64,030.50	\$1.40	\$57,834.00	\$1.40	\$57,834.00
26	SL-1 Guardrail on Bridge	L.F.	134	\$50.00	\$6,700.00	\$45.00	\$6,030.00	\$60.00	\$8,040.00	\$55.00	\$7,370.00	\$54.50	\$7,303.00
27	Vertical Drain at End Bents	EACH	2	\$1,750.00	\$3,500.00	\$1,000.00	\$2,000.00	\$1,250.00	\$2,500.00	\$1,800.00	\$3,600.00	\$1,300.00	\$2,600.00
28	Plain Neoprene Bearing Pads (W/ Beveled Sole Plates)	EACH	8	\$250.00	\$2,000.00	\$700.00	\$5,600.00	\$677.00	\$5,416.00	\$400.00	\$3,200.00	\$700.00	\$5,600.00
<b>SUBTOTAL BRIDGE</b>				<b>\$214,015.00</b>	<b>\$214,015.00</b>	<b>\$202,393.00</b>	<b>\$202,393.00</b>	<b>\$207,215.50</b>	<b>\$207,215.50</b>	<b>\$223,543.00</b>	<b>\$223,543.00</b>	<b>\$239,673.90</b>	<b>\$239,673.90</b>
<b>TOTAL CONTRACTOR</b>				<b>\$283,150.00</b>	<b>\$283,150.00</b>	<b>\$263,989.00</b>	<b>\$263,989.00</b>	<b>\$270,402.50</b>	<b>\$270,402.50</b>	<b>\$284,602.00</b>	<b>\$284,602.00</b>	<b>\$323,858.90</b>	<b>\$323,858.90</b>

CALENDER DAYS = 90

LIQUIDATED DAMAGES = \$700 PER DAY