

SHAFER, KLINE & WARREN, INC.
 107 Butler Street
 Macon, MO 63552
 (573) 442-4537

Linn County, MO - Armor Road
 Project Number BRO-B058 (39)
 Low Water Crossing
 Bid Date: June 6, 2017

ITEM	DESCRIPTION	UNIT	QUANTITY	ENGINEER'S ESTIMATE		C & C Bridge & Concrete, Inc. 2124 Riverview Lane Pilot Grove, MO 65276		Brookfield Box & Bridge 200 N. Pershing Brookfield, MO 64628		MS Contracting 25857 Highway M Brookfield, MO 64628		Sharp Excavating, LLC 41940 Highway 154 Perry, MO 63462		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	UNIT PRICE	AMOUNT
ROADWAY ITEMS															
1	Clearing & Grubbing (0.3 Acres)	L.S.	1	\$3,000.00	\$3,000.00	\$1,500.00	\$1,500.00	\$5,000.00	\$5,000.00	\$3,500.00	\$3,500.00	\$3,300.00	\$3,300.00	\$7,000.00	\$7,000.00
2	Removal of Existing Improvements	L.S.	1	\$2,000.00	\$2,000.00	\$1,500.00	\$1,500.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$1,000.00	\$1,000.00	\$2,000.00	\$2,000.00
3	Embankment in Place	C.Y.	5,340	\$10.00	\$53,400.00	\$6.25	\$33,375.00	\$8.00	\$42,720.00	\$8.20	\$43,788.00	\$8.00	\$42,720.00	\$10.00	\$53,400.00
4	Aggregate Base Course (2" Layer of 2" Clean)	S.Y.	1,378	\$4.00	\$5,512.00	\$2.50	\$3,445.00	\$4.50	\$6,201.00	\$6.50	\$8,957.00	\$3.00	\$4,134.00	\$3.00	\$4,134.00
5	4" Crushed Stone Surface	S.Y.	1,378	\$5.00	\$6,890.00	\$3.50	\$4,823.00	\$4.50	\$6,201.00	\$6.25	\$8,612.50	\$4.50	\$6,201.00	\$4.75	\$6,545.50
6	End Terminal	EACH	4	\$300.00	\$1,200.00	\$200.00	\$800.00	\$300.00	\$1,200.00	\$300.00	\$1,200.00	\$250.00	\$1,000.00	\$375.00	\$1,500.00
7	Fence	L.F.	457	\$6.00	\$2,742.00	\$9.00	\$4,113.00	\$10.00	\$4,570.00	\$12.00	\$5,484.00	\$7.00	\$3,199.00	\$9.00	\$4,113.00
8	Mobilization	L.S.	1	\$40,000.00	\$40,000.00	\$25,000.00	\$25,000.00	\$17,500.00	\$17,500.00	\$20,000.00	\$20,000.00	\$50,000.00	\$50,000.00	\$38,500.00	\$38,500.00
9	Seeding (includes Fertilizing & Mulching)	ACRE	1	\$3,000.00	\$3,000.00	\$4,000.00	\$4,000.00	\$3,250.00	\$3,250.00	\$3,200.00	\$3,200.00	\$3,000.00	\$3,000.00	\$2,200.00	\$2,200.00
10	Ditch Checks	EACH	12	\$75.00	\$900.00	\$270.00	\$3,240.00	\$200.00	\$2,400.00	\$140.00	\$1,680.00	\$250.00	\$3,000.00	\$150.00	\$1,800.00
11	Type III Object Marker	EACH	8	\$125.00	\$1,000.00	\$150.00	\$1,200.00	\$150.00	\$1,200.00	\$200.00	\$1,600.00	\$125.00	\$1,000.00	\$115.00	\$920.00
SUBTOTAL ROADWAY					\$119,644.00		\$82,996.00		\$92,242.00		\$100,021.50		\$118,554.00		\$122,112.50
SIGNING ITEMS															
12	Type III Moveable Barricades	EACH	6	\$300.00	\$1,800.00	\$200.00	\$1,200.00	\$200.00	\$1,200.00	\$250.00	\$1,500.00	\$130.00	\$780.00	\$150.00	\$900.00
13	Construction Signs	EACH	6	\$200.00	\$1,200.00	\$200.00	\$1,200.00	\$250.00	\$1,500.00	\$200.00	\$1,200.00	\$145.00	\$870.00	\$100.00	\$600.00
SUBTOTAL SIGNING					\$3,000.00		\$2,400.00		\$2,700.00		\$2,700.00		\$1,650.00		\$1,500.00
BRIDGE ITEMS															
14	Type 2 Rock Blanket	C.Y.	1,050	\$55.00	\$57,750.00	\$47.00	\$49,350.00	\$50.00	\$52,500.00	\$56.00	\$58,800.00	\$55.00	\$57,750.00	\$56.00	\$58,800.00
15	Geotextile Fabric	S.Y.	1,718	\$3.00	\$5,154.00	\$2.00	\$3,436.00	\$2.00	\$3,436.00	\$3.00	\$5,154.00	\$2.00	\$3,436.00	\$2.00	\$3,436.00
16	Cast In Place Concrete Piles (12")	L.F.	1,010	\$50.00	\$50,500.00	\$40.00	\$40,400.00	\$43.00	\$43,430.00	\$52.00	\$52,520.00	\$30.00	\$30,300.00	\$40.00	\$40,400.00
17	Class B-2 Concrete	C.Y.	34	\$650.00	\$21,840.00	\$600.00	\$20,160.00	\$500.00	\$16,800.00	\$520.00	\$17,472.00	\$650.00	\$21,840.00	\$550.00	\$18,480.00
18	Slab on Concrete I Girder	S.Y.	242.3	\$275.00	\$66,632.50	\$300.00	\$72,690.00	\$280.00	\$67,844.00	\$135.00	\$32,710.50	\$250.00	\$60,575.00	\$375.00	\$90,862.50
19	Prestressed Concrete I-Girder (87'-4")	EACH	4	\$20,000.00	\$80,000.00	\$20,250.00	\$81,000.00	\$19,500.00	\$78,000.00	\$22,100.00	\$88,400.00	\$20,000.00	\$80,000.00	\$18,500.00	\$74,000.00
20	SL-1 Rail on Bridge	L.F.	183	\$50.00	\$9,150.00	\$48.00	\$8,784.00	\$55.00	\$10,065.00	\$60.00	\$10,980.00	\$50.00	\$9,150.00	\$60.00	\$10,980.00
21	Vertical Drain at End Bents	EACH	2	\$1,000.00	\$2,000.00	\$1,200.00	\$2,400.00	\$500.00	\$1,000.00	\$1,200.00	\$2,400.00	\$865.00	\$1,730.00	\$1,500.00	\$3,000.00
22	Plain Neoprene Bearing Pads	EACH	8	\$200.00	\$1,600.00	\$100.00	\$800.00	\$125.00	\$1,000.00	\$250.00	\$2,000.00	\$125.00	\$1,000.00	\$145.00	\$1,160.00
SUBTOTAL BRIDGE					\$294,626.50		\$279,020.00		\$274,075.00		\$270,436.50		\$265,781.00		\$301,118.50
TOTAL CONTRACTOR					\$417,270.50		\$364,416.00		\$369,017.00		\$373,158.00		\$385,985.00		\$424,731.00

CALENDER DAYS = 90

LIQUIDATED DAMAGES = \$700 PER DAY