

SHAFER, KLINE & WARREN, INC.
 107 Butler Street
 Macon, MO 63552
 (660) 385-6441

Carroll County, MO
 County Road 121
 Project Number BRO-B017 (66)
 Bridge No. 15200011
 February 17, 2015

LINE	ITEM	DESCRIPTION	UNIT	QUANTITY	ENGINEER'S ESTIMATE		Chester Bros Construction Co. P.O. Box 430 Hannibal, MO 63401		C&C Bridge & Concrete, Inc. 2124 Riverview Lane Pilot Grove, MO 65276		Sharp Excavation, LLC. 41940 Highway 154 Perry, MO 63462		Boone Construction 5611 Brown Station Road Columbia, MO 65202		Select Construction Enterprises 200 S Elam Valley Park, MO		Irvinbilt Constructors, Inc. P.O. Box 1107 Chillicothe, MO 64601		
					UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE
ROADWAY ITEMS																			
1	201.1	Clearing & Grubbing (Approximately 0.51 Acres)	L.S.	1	\$5,000.00	\$5,000.00	\$1,800.00	\$1,800.00	\$5,000.00	\$5,000.00	\$2,500.00	\$2,500.00	\$6,000.00	\$6,000.00	\$5,044.00	\$5,044.00	\$2,700.00	\$2,700.00	
2	202.3	Removal of Existing Improvements	L.S.	1	\$3,000.00	\$3,000.00	\$1,000.00	\$1,000.00	\$2,500.00	\$2,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,040.00	\$1,040.00	\$3,000.00	\$3,000.00	
3	203	Embankment in Place	C.Y.	1412	\$10.00	\$14,120.00	\$8.00	\$11,296.00	\$8.00	\$11,296.00	\$11.00	\$15,532.00	\$27.00	\$38,124.00	\$19.07	\$26,926.84	\$31.00	\$43,772.00	
4	310	4" Layer Crushed Stone Surface	S.Y.	1048	\$5.00	\$5,240.00	\$5.00	\$5,240.00	\$5.00	\$5,240.00	\$3.25	\$3,406.00	\$4.50	\$4,716.00	\$10.69	\$11,203.12	\$9.00	\$9,432.00	
5	606.1	Guardrail Transition Section	EACH	4	\$500.00	\$2,000.00	\$520.00	\$2,080.00	\$100.00	\$400.00	\$250.00	\$1,000.00	\$500.00	\$2,000.00	\$162.50	\$650.00	\$615.00	\$2,460.00	
6	606.1	Type A Crashworthy End Terminal	EACH	4	\$2,000.00	\$8,000.00	\$1,750.00	\$7,000.00	\$2,800.00	\$11,200.00	\$2,500.00	\$10,000.00	\$1,700.00	\$6,800.00	\$2,509.00	\$10,036.00	\$2,100.00	\$8,400.00	
7	607.2	Fencing	L.F.	192	\$10.00	\$1,920.00	\$13.00	\$2,496.00	\$12.00	\$2,304.00	\$8.50	\$1,632.00	\$12.00	\$2,304.00	\$15.57	\$2,989.44	\$20.00	\$3,840.00	
8	609.6	Type 2 Rock Ditch Liner W/ Geotextile Fabric	C.Y.	263	\$50.00	\$13,150.00	\$50.00	\$13,150.00	\$50.00	\$13,150.00	\$65.00	\$17,095.00	\$69.00	\$18,147.00	\$72.97	\$19,191.11	\$75.00	\$19,725.00	
9	618	Mobilization	L.S.	1	\$25,000.00	\$25,000.00	\$15,000.00	\$15,000.00	\$25,000.00	\$25,000.00	\$75,000.00	\$75,000.00	\$50,000.00	\$50,000.00	\$30,875.24	\$30,875.24	\$35,000.00	\$35,000.00	
10	725	12" CMP Pipe	L.F.	40	\$15.00	\$600.00	\$25.00	\$1,000.00	\$40.00	\$1,600.00	\$24.00	\$960.00	\$45.00	\$1,800.00	\$68.57	\$2,742.80	\$14.00	\$560.00	
11	805	Seeding (includes Fertilizing & Mulching)	ACRE	0.35	\$3,000.00	\$1,050.00	\$5,100.00	\$1,785.00	\$10,000.00	\$3,500.00	\$5,000.00	\$1,750.00	\$6,000.00	\$2,100.00	\$2,359.50	\$825.83	\$3,500.00	\$1,225.00	
12	806.3	Ditch Checks	EACH	11	\$250.00	\$2,750.00	\$180.00	\$1,980.00	\$150.00	\$1,650.00	\$250.00	\$2,750.00	\$150.00	\$1,650.00	\$354.54	\$3,899.94	\$530.00	\$5,830.00	
SUBTOTAL ROADWAY						\$81,830.00		\$63,827.00		\$82,840.00		\$133,125.00		\$135,141.00		\$115,424.32		\$135,944.00	
SIGNING ITEMS																			
13	616	Type III Moveable Barricades	EACH	6	\$300.00	\$1,800.00	\$150.00	\$900.00	\$300.00	\$1,800.00	\$250.00	\$1,500.00	\$140.00	\$840.00	\$292.50	\$1,755.00	\$350.00	\$2,100.00	
14	616	Construction Signs	EACH	6	\$200.00	\$1,200.00	\$150.00	\$900.00	\$200.00	\$1,200.00	\$150.00	\$900.00	\$140.00	\$840.00	\$173.33	\$1,039.98	\$200.00	\$1,200.00	
SUBTOTAL SIGNING						\$3,000.00		\$1,800.00		\$3,000.00		\$2,400.00		\$1,680.00		\$2,794.98		\$3,300.00	
BRIDGE ITEMS																			
15	206	Excavation of Structures	C.Y.	62.1	\$25.00	\$1,552.50	\$20.00	\$1,242.00	\$40.00	\$2,484.00	\$22.50	\$1,397.25	\$25.00	\$1,552.50	\$50.66	\$3,145.99	\$82.00	\$5,092.20	
16	216.1	Removal of Existing Bridge	L.S.	1	\$6,000.00	\$6,000.00	\$4,000.00	\$4,000.00	\$8,000.00	\$8,000.00	\$2,000.00	\$2,000.00	\$13,000.00	\$13,000.00	\$5,902.00	\$5,902.00	\$8,000.00	\$8,000.00	
17	611.3	Type 2 Rock Blanket	C.Y.	522	\$50.00	\$26,100.00	\$48.00	\$25,056.00	\$45.00	\$23,490.00	\$60.00	\$31,320.00	\$60.00	\$31,320.00	\$72.67	\$37,933.74	\$61.00	\$31,842.00	
18	624	Goetextile Fabric	S.Y.	921	\$3.00	\$2,763.00	\$2.00	\$1,842.00	\$3.00	\$2,763.00	\$2.00	\$1,842.00	\$2.00	\$1,842.00	\$1.76	\$1,620.96	\$4.00	\$3,684.00	
19	702	HP10x42 Structural Steel Piles	L.F.	295	\$50.00	\$14,750.00	\$46.00	\$13,570.00	\$50.00	\$14,750.00	\$35.00	\$10,325.00	\$55.50	\$16,372.50	\$65.26	\$19,251.70	\$51.00	\$15,045.00	
20	702	Pile Point Reinforcement	EACH	10	\$200.00	\$2,000.00	\$120.00	\$1,200.00	\$150.00	\$1,500.00	\$150.00	\$1,500.00	\$180.00	\$1,800.00	\$137.80	\$1,378.00	\$130.00	\$1,300.00	
21	703	Class B-2 Concrete	C.Y.	28	\$750.00	\$21,000.00	\$610.00	\$17,080.00	\$600.00	\$16,800.00	\$650.00	\$18,200.00	\$720.00	\$20,160.00	\$863.10	\$24,166.80	\$705.00	\$19,740.00	
22	703	Slab on Steel Girder	S.Y.	215.1	\$275.00	\$59,152.50	\$275.00	\$59,152.50	\$335.00	\$72,058.50	\$225.00	\$48,397.50	\$330.00	\$70,983.00	\$366.73	\$78,883.62	\$332.00	\$71,413.20	
23	703	Fabricated Structural Steel	LBS	56,880	\$1.40	\$79,632.00	\$1.15	\$65,412.00	\$1.30	\$73,944.00	\$1.33	\$75,650.40	\$1.25	\$71,100.00	\$1.42	\$80,769.60	\$1.40	\$79,632.00	
24	713	SL-1 Guardrail	L.F.	167	\$50.00	\$8,350.00	\$48.00	\$8,016.00	\$50.00	\$8,350.00	\$45.00	\$7,515.00	\$54.00	\$9,018.00	\$48.21	\$8,051.07	\$56.50	\$9,435.50	
25	716.1	Plain Neoprene Bearing Pads	EACH	8	\$200.00	\$1,600.00	\$685.00	\$5,480.00	\$1,000.00	\$8,000.00	\$600.00	\$4,800.00	\$700.00	\$5,600.00	\$783.25	\$6,266.00	\$920.00	\$7,360.00	
SUBTOTAL BRIDGE						\$222,900.00		\$202,050.50		\$232,139.50		\$202,947.15		\$242,748.00		\$267,369.48		\$252,543.90	
1- TOTAL CONTRACTOR						\$307,730.00		\$267,677.50		\$317,979.50		\$338,472.15		\$379,569.00		\$385,588.77		\$391,787.90	

CALENDAR DAYS = 90

LIQUIDATED DAMAGES = \$700 PER DAY

1- As Read Bid for Chester Bros had Clerical Error for \$59,125.00 for item 22. This amount reflects the change.

2- As Read Bid for Select Construction had Clerical Errors for \$26,936.00 for item 23, \$11,206.00 for item 4, \$19,193.00 for item 8, \$1,430.00 for item 11, \$1,622.40 for item 18, \$80,977.00 for item 23 and \$8,052.20 for item 24.

2- As Read Bid for Select Construction rounded amounts up for \$2,743.00 for item 10, \$3,900.00 for item 12, \$1,040.00 for item 14, \$1,430.00 for item 11, \$3,146.00 for item 15, \$37,934.00 for item 17, \$24,167.00 for item 21, and \$78,884.00 for item 22. These amounts reflect the change.