

McClure  
 1901 Pennsylvania Drive  
 Columbia, MO 65202  
 (573) 234-2632

Lincoln County, MO  
 Zumwalt Road  
 Project Number BRO-B057 (15)  
 Low Water Crossing Replacement  
 March 5, 2019

					ENGINEER'S ESTIMATE		Klocke, Inc. 3844 County Road 401 Palmyra, MO 63461 573-769-6900		Bleigh Construction Company P.O. Box 957 Hannibal, MO 63401 573-221-2247		Kozney-Wagner, Inc. 951 West Outer Road Arnold, MO 63010 636-296-2012	
LINE	ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
<b>ROADWAY ITEMS</b>												
1	201	Clearing & Grubbing (Approx 0.2 Acres)	L.S.	1	\$6,000.00	\$6,000.00	\$1,800.00	\$1,800.00	\$5,500.00	\$5,500.00	\$7,200.00	\$7,200.00
2	202.3	Removal of Existing Improvements	L.S.	1	\$2,500.00	\$2,500.00	\$3,200.00	\$3,200.00	\$9,000.00	\$9,000.00	\$2,800.00	\$2,800.00
3	203	Embankment in Place	C.Y.	1987	\$15.00	\$29,805.00	\$12.50	\$24,837.50	\$16.00	\$31,792.00	\$22.00	\$43,714.00
4	304	Aggregate Base Course (6" Layer of 3.5" Minus)	S.Y.	775	\$13.00	\$10,075.00	\$5.00	\$3,875.00	\$6.70	\$5,192.50	\$8.00	\$6,200.00
5	304	Aggregate Base Course (3" Layer of 1.5" Minus)	S.Y.	775	\$7.00	\$5,425.00	\$3.00	\$2,325.00	\$4.30	\$3,332.50	\$4.30	\$3,332.50
6	310	Aggregate Surface (2" Layer of MoDOT Type 1 Aggregat	S.Y.	775	\$5.00	\$3,875.00	\$2.00	\$1,550.00	\$3.70	\$2,867.50	\$3.00	\$2,325.00
7	310	Aggregate Surface (4" Layer of 1.5" Minus)	S.Y.	317	\$6.00	\$1,902.00	\$3.00	\$951.00	\$7.10	\$2,250.70	\$7.40	\$2,345.80
8	606.1	Guardrail Transition Section	EACH	4	\$500.00	\$2,000.00	\$320.00	\$1,280.00	\$660.00	\$2,640.00	\$600.00	\$2,400.00
9	606.1	Type A Guardrail	L.F.	19	\$50.00	\$950.00	\$45.00	\$855.00	\$50.00	\$950.00	\$45.00	\$855.00
10	606.1	Type A End Section	EACH	1	\$150.00	\$150.00	\$80.00	\$80.00	\$440.00	\$440.00	\$400.00	\$400.00
11	606.3	Type A Crashworthy End Terminal	EACH	3	\$2,800.00	\$8,400.00	\$3,200.00	\$9,600.00	\$3,500.00	\$10,500.00	\$3,200.00	\$9,600.00
12	607.2	Temporary Fence	L.F.	470	\$7.00	\$3,290.00	\$8.00	\$3,760.00	\$9.00	\$4,230.00	\$6.50	\$3,055.00
13	607.2	Tubular Gate 16' (1 Gate 16' Wide)	EACH	1	\$600.00	\$600.00	\$700.00	\$700.00	\$300.00	\$300.00	\$250.00	\$250.00
14	607.2	Tubular Gate 24' (2 Gates 12' Wide)	EACH	1	\$800.00	\$800.00	\$1,025.00	\$1,025.00	\$450.00	\$450.00	\$400.00	\$400.00
15	607.2	Fence	L.F.	494	\$10.00	\$4,940.00	\$22.50	\$11,115.00	\$16.50	\$8,151.00	\$15.00	\$7,410.00
16	607.2	Water Gate (50 L.F.)	EACH	2	\$6,000.00	\$12,000.00	\$3,590.00	\$7,180.00	\$6,250.00	\$12,500.00	\$1,800.00	\$3,600.00
17	618	Mobilization	L.S.	1	\$25,000.00	\$25,000.00	\$18,950.00	\$18,950.00	\$29,700.00	\$29,700.00	\$46,951.55	\$46,951.55
18	627	Construction Surveying and Staking	L.S.	1	\$3,500.00	\$3,500.00	\$3,300.00	\$3,300.00	\$3,700.00	\$3,700.00	\$2,050.00	\$2,050.00
19	725	24" Aluminized Corrugated Metal Pipe	L.F.	80	\$60.00	\$4,800.00	\$50.00	\$4,000.00	\$44.00	\$3,520.00	\$66.50	\$5,320.00
20	805	Seeding (includes Fertilizing & Mulching)	ACRE	0.2	\$18,000.00	\$3,600.00	\$8,500.00	\$1,700.00	\$13,700.00	\$2,740.00	\$20,000.00	\$4,000.00
21	806.3	Ditch Checks	EACH	3	\$250.00	\$750.00	\$200.00	\$600.00	\$140.00	\$420.00	\$250.00	\$750.00
22	806.7	Silt Fence	L.F.	418	\$4.00	\$1,672.00	\$3.50	\$1,463.00	\$3.30	\$1,379.40	\$5.00	\$2,090.00
23	806.1	Temporary Stream Crossing	L.S.	1	\$2,500.00	\$2,500.00	\$3,000.00	\$3,000.00	\$3,700.00	\$3,700.00	\$5,000.00	\$5,000.00
<b>SUBTOTAL ROADWAY</b>						<b>\$134,534.00</b>		<b>\$107,146.50</b>		<b>\$145,255.60</b>		<b>\$162,048.85</b>
<b>SIGNING ITEMS</b>												
24	616	Type III Moveable Barricades	EACH	6	\$375.00	\$2,250.00	\$115.00	\$690.00	\$165.00	\$990.00	\$90.00	\$540.00
25	616	Construction Signs	EACH	5	\$200.00	\$1,000.00	\$115.00	\$575.00	\$165.00	\$825.00	\$90.00	\$450.00
<b>SUBTOTAL SIGNING</b>						<b>\$3,250.00</b>		<b>\$1,265.00</b>		<b>\$1,815.00</b>		<b>\$990.00</b>
<b>BRIDGE ITEMS</b>												
26	216.1	Removal of Existing Bridge	L.S.	1	\$3,500.00	\$3,500.00	\$5,200.00	\$5,200.00	\$2,000.00	\$2,000.00	\$3,200.00	\$3,200.00
27	611.3	Type 2 Rock Blanket	C.Y.	245	\$60.00	\$14,700.00	\$33.50	\$8,207.50	\$51.50	\$12,617.50	\$49.00	\$12,005.00
28	624	Geotextile Fabric	S.Y.	445	\$3.00	\$1,335.00	\$1.20	\$534.00	\$3.50	\$1,557.50	\$1.50	\$667.50
29	702	HP 10X42 Structural Steel Piles	L.F.	135	\$60.00	\$8,100.00	\$58.00	\$7,830.00	\$78.00	\$10,530.00	\$94.00	\$12,690.00
30	702	Pile Point Reinforcement	EACH	10	\$150.00	\$1,500.00	\$120.00	\$1,200.00	\$120.00	\$1,200.00	\$100.00	\$1,000.00
31	702.4.3	Prebore for Piling	L.F.	125	\$200.00	\$25,000.00	\$151.00	\$18,875.00	\$138.00	\$17,250.00	\$150.00	\$18,750.00
32	703	Class B-2 Concrete	C.Y.	25.6	\$650.00	\$16,640.00	\$525.00	\$13,440.00	\$685.00	\$17,536.00	\$958.00	\$24,524.80
33	703	Slab on Concrete P/C Box Girder	S.Y.	138.3	\$250.00	\$34,575.00	\$228.00	\$31,532.40	\$258.00	\$35,681.40	\$307.50	\$42,527.25
34	705	Precast Concrete Box Girders (47'-0")	EACH	9	\$8,000.00	\$72,000.00	\$8,250.00	\$74,250.00	\$7,590.00	\$68,310.00	\$10,362.03	\$93,258.27
35	713	Thrie Beam Rail on Bridge	L.F.	83	\$60.00	\$4,980.00	\$60.00	\$4,980.00	\$100.00	\$8,300.00	\$90.00	\$7,470.00
36	715	Vertical Drain at End Bents	EACH	2	\$1,500.00	\$3,000.00	\$620.00	\$1,240.00	\$1,650.00	\$3,300.00	\$1,870.00	\$3,740.00
37	716.1	Plain Neoprene Bearing Pads	EACH	18	\$150.00	\$2,700.00	\$98.00	\$1,764.00	\$105.00	\$1,890.00	\$187.00	\$3,366.00
<b>SUBTOTAL BRIDGE</b>						<b>\$188,030.00</b>		<b>\$169,052.90</b>		<b>\$180,172.40</b>		<b>\$223,198.82</b>
<b>TOTAL CONTRACTOR</b>						<b>\$325,814.00</b>		<b>\$277,464.40</b>		<b>\$327,243.00</b>		<b>\$386,237.67</b>

LIQUIDATED DAMAGES = \$700 PER DAY  
 END CONSTRUCTION DATE = June 14, 2019  
 AVERAGE 3 BIDDERS = \$330,315.02

Note: Red text is corrected bidder error.