



Lincoln County, MO
Menemeyer Road
Project Number BRO-B057 (21)
Bridge No.: 2790012
April 22, 2024

ENGINEER'S ESTIMATE					Magruder Construction Co., Inc. 243 W Outer Road Eolia, MO 63344 573-485-2161		Widel, Inc. 5700 M. Highway Blackwater, MO 65322 660-846-3791		SCE, Inc. 215 St. Mary's Road Villa Ridge, MO 63089 636-667-2461		JK Concrete & Hauling, Inc. 26460 Walnut Grove Road California, MO 65018 573-418-5905		C & C Bridge & Concrete, Inc. 2124 Riverview Lane Pilot Grove, MO 65276 660-834-3109		Sharp Excavating, LLC. 41940 Highway 154 Perry, MO 63462 573-565-2651		Gershenson Construction Co., Inc. 2 Truitt Drive Eureka, MO 63025 636-938-9595			
LINE	ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT		
ROADWAY ITEMS																				
1	201	Clearing & Grubbing (Approx 0.4 Acres)	L.S.	1	\$6,000.00	\$6,000.00	\$3,000.00	\$3,000.00	\$2,100.00	\$2,100.00	\$2,800.00	\$2,800.00	\$1,600.00	\$1,600.00	\$7,500.00	\$7,500.00	\$15,000.00	\$15,000.00	\$4,000.00	\$4,000.00
2	202.3	Removal of Existing Improvements	L.S.	1	\$3,000.00	\$3,000.00	\$9,500.00	\$9,500.00	\$3,300.00	\$3,300.00	\$5,000.00	\$5,000.00	\$14,000.00	\$14,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$15,000.00	\$15,000.00
3	203	Embankment in Place	C.Y.	1,210	\$20.00	\$24,208.00	\$17.25	\$20,879.40	\$22.00	\$26,628.80	\$28.00	\$33,891.20	\$32.00	\$38,732.80	\$25.00	\$30,260.00	\$25.00	\$30,260.00	\$41.00	\$49,626.40
4	304	Aggregate Base Course (4" Layer of MoDOT Type 1)	S.Y.	805	\$16.00	\$12,884.80	\$8.50	\$6,845.05	\$6.00	\$4,831.80	\$13.86	\$11,161.46	\$10.00	\$8,053.00	\$10.00	\$8,053.00	\$5.00	\$4,026.50	\$10.00	\$8,053.00
5	304	Aggregate Base Course (4" Layer of 3" Clean)	S.Y.	236	\$22.00	\$5,200.80	\$8.25	\$1,950.30	\$9.00	\$2,127.60	\$15.04	\$3,555.46	\$10.00	\$2,364.00	\$12.00	\$2,836.80	\$10.00	\$2,364.00	\$10.00	\$2,364.00
6	304	Aggregate Base Course (2" Layer of 1" Clean)	S.Y.	236	\$12.00	\$2,836.80	\$3.00	\$709.20	\$7.50	\$1,773.00	\$15.04	\$3,555.46	\$10.00	\$2,364.00	\$12.00	\$2,836.80	\$5.00	\$1,182.00	\$6.00	\$1,418.40
7	304	Aggregate Shoulder (9" Layer of MoDOT Type 1)	S.Y.	126	\$15.00	\$1,891.50	\$24.00	\$3,026.40	\$13.00	\$1,639.30	\$30.00	\$3,783.00	\$21.00	\$2,648.10	\$15.00	\$1,891.50	\$5.00	\$630.50	\$29.00	\$3,656.90
8	401	Plant Mix Bituminous Base (7" Layer BP-Base)	S.Y.	805	\$40.00	\$32,212.00	\$53.00	\$42,680.90	\$70.00	\$56,371.00	\$58.30	\$46,948.99	\$88.00	\$70,866.40	\$62.00	\$49,928.60	\$60.00	\$48,318.00	\$55.00	\$44,291.50
9	401	Plant Mix Bituminous Pavement (2" Layer BP-1)	S.Y.	805	\$20.00	\$16,106.00	\$23.00	\$18,521.90	\$30.00	\$24,159.00	\$25.30	\$20,374.09	\$20.00	\$16,106.00	\$28.00	\$22,548.40	\$30.00	\$24,159.00	\$23.00	\$18,521.90
10	503	Modified Bridge Approach Slab	S.Y.	133	\$320.00	\$42,656.00	\$220.00	\$29,326.00	\$150.00	\$19,995.00	\$280.00	\$37,324.00	\$305.00	\$40,656.50	\$370.00	\$49,321.00	\$175.00	\$23,327.50	\$212.00	\$28,259.60
11	606.1	Guardrail Transition Section	EACH	4	\$500.00	\$2,000.00	\$2,100.00	\$8,400.00	\$600.00	\$2,400.00	\$2,310.00	\$9,240.00	\$555.00	\$2,220.00	\$600.00	\$2,400.00	\$750.00	\$3,000.00	\$560.00	\$2,240.00
12	606.3	Type A Crashworthy End Terminal	EACH	4	\$3,000.00	\$12,000.00	\$3,800.00	\$15,200.00	\$3,200.00	\$12,800.00	\$4,180.00	\$16,720.00	\$2,960.00	\$11,840.00	\$3,000.00	\$12,000.00	\$4,500.00	\$18,000.00	\$3,000.00	\$12,000.00
13	607.2	Fence	L.F.	385	\$50.00	\$19,250.00	\$15.50	\$5,967.50	\$20.00	\$7,700.00	\$33.00	\$12,705.00	\$20.00	\$7,700.00	\$25.00	\$9,625.00	\$10.00	\$3,850.00	\$26.00	\$10,010.00
14	607.2	Drive Gate (2 Tubular Gates 16' Wide)	L.F.	32	\$42.00	\$1,344.00	\$78.00	\$2,496.00	\$225.00	\$7,200.00	\$50.00	\$1,600.00	\$38.00	\$1,216.00	\$100.00	\$3,200.00	\$30.00	\$960.00	\$45.00	\$1,440.00
15	607.2	Water Gate	L.F.	50	\$225.00	\$11,250.00	\$90.00	\$4,500.00	\$75.00	\$3,750.00	\$200.00	\$10,000.00	\$172.00	\$8,600.00	\$300.00	\$15,000.00	\$35.00	\$1,750.00	\$380.00	\$19,000.00
16	618	Mobilization	L.S.	1	\$55,000.00	\$55,000.00	\$31,000.00	\$31,000.00	\$60,000.00	\$60,000.00	\$27,365.36	\$27,365.36	\$65,000.00	\$65,000.00	\$25,000.00	\$25,000.00	\$195,000.00	\$195,000.00	\$75,000.00	\$75,000.00
17	627	Contractor Surveying & Staking	L.S.	1	\$4,000.00	\$4,000.00	\$1,650.00	\$1,650.00	\$10,500.00	\$10,500.00	\$5,000.00	\$5,000.00	\$7,400.00	\$7,400.00	\$8,500.00	\$8,500.00	\$9,500.00	\$9,500.00	\$5,000.00	\$5,000.00
18	725	24" Aluminized Corrugated Metal Pipe	L.F.	56	\$90.00	\$5,040.00	\$115.00	\$6,440.00	\$70.00	\$3,920.00	\$101.36	\$5,676.16	\$85.00	\$4,760.00	\$100.00	\$5,600.00	\$65.00	\$3,640.00	\$77.00	\$4,312.00
19	732	Flared End Section	EACH	2	\$560.00	\$1,120.00	\$800.00	\$1,600.00	\$550.00	\$1,100.00	\$777.70	\$1,555.40	\$940.00	\$1,880.00	\$1,050.00	\$2,100.00	\$750.00	\$1,500.00	\$680.00	\$1,360.00
20	805	Seeding (includes Fertilizing & Mulching)	ACRE	0	\$15,000.00	\$3,000.00	\$17,000.00	\$3,400.00	\$33,000.00	\$6,600.00	\$9,000.00	\$1,800.00	\$7,000.00	\$1,400.00	\$35,000.00	\$7,000.00	\$10,000.00	\$2,000.00	\$5,000.00	\$1,000.00
21	806.3	Ditch Check	EACH	4	\$300.00	\$1,200.00	\$180.00	\$720.00	\$400.00	\$1,600.00	\$250.00	\$1,000.00	\$300.00	\$1,200.00	\$400.00	\$1,600.00	\$250.00	\$1,000.00	\$200.00	\$800.00
22	806.7	Silt Fence	L.F.	240	\$5.00	\$1,200.00	\$5.50	\$1,320.00	\$9.00	\$2,160.00	\$3.00	\$720.00	\$9.00	\$2,160.00	\$8.50	\$2,040.00	\$1.00	\$240.00	\$4.00	\$960.00
SUBTOTAL ROADWAY						\$263,399.90		\$219,132.65		\$262,655.50		\$261,775.57		\$312,766.80		\$279,241.10		\$399,707.50		\$308,313.70
SIGNING ITEMS																				
23	616	Type III Moveable Barricades	EACH	6	\$325.00	\$1,950.00	\$155.00	\$930.00	\$170.00	\$1,020.00	\$170.50	\$1,023.00	\$125.00	\$750.00	\$250.00	\$1,500.00	\$250.00	\$1,500.00	\$200.00	\$1,200.00
24	616	Construction Signs	EACH	7	\$225.00	\$1,575.00	\$125.00	\$875.00	\$140.00	\$980.00	\$137.50	\$962.50	\$250.00	\$1,750.00	\$200.00	\$1,400.00	\$175.00	\$1,225.00	\$200.00	\$1,400.00
SUBTOTAL SIGNING						\$3,525.00		\$1,805.00		\$2,980.00		\$1,985.50		\$2,500.00		\$2,900.00		\$2,725.00		\$2,600.00
BRIDGE ITEMS																				
25	206	Excavation for Structures (Class 1 Excavation)	C.Y.	87.1	\$60.00	\$5,226.00	\$67.00	\$5,835.70	\$22.00	\$1,916.20	\$28.00	\$2,438.80	\$51.00	\$4,442.10	\$100.00	\$8,710.00	\$50.00	\$4,355.00	\$150.00	\$13,065.00
26	216.1	Removal of Existing Bridge	L.S.	1	\$20,000.00	\$20,000.00	\$11,000.00	\$11,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$20,000.00	\$20,000.00	\$10,000.00	\$10,000.00	\$15,000.00	\$15,000.00	\$20,000.00	\$20,000.00
27	611.3	Type 2 Rock Blanket	C.Y.	471	\$60.00	\$28,260.00	\$64.00	\$30,144.00	\$60.00	\$28,260.00	\$50.00	\$23,550.00	\$65.00	\$30,615.00	\$70.00	\$32,970.00	\$74.00	\$34,854.00	\$90.00	\$42,390.00
28	624	Geotextile Fabric	S.Y.	833	\$3.15	\$2,623.95	\$3.00	\$2,499.00	\$5.00	\$4,165.00	\$3.00	\$2,499.00	\$3.00	\$2,499.00	\$4.00	\$3,332.00	\$3.00	\$2,499.00	\$2.50	\$2,082.50
29	702	HP 10X42 Structural Steel Piles	L.F.	225	\$120.00	\$27,000.00	\$104.00	\$23,400.00	\$90.00	\$20,250.00	\$70.52	\$15,867.00	\$120.00	\$27,000.00	\$100.00	\$22,500.00	\$55.00	\$12,375.00	\$130.00	\$29,250.00
30	702	Prebore Piling	L.F.	150	\$125.00	\$18,750.00	\$201.00	\$30,150.00	\$130.00	\$19,500.00	\$173.84	\$26,076.00	\$174.00	\$26,100.00	\$185.00	\$27,750.00	\$175.00	\$26,250.00	\$240.00	\$36,000.00
31	702	Pile Point Reinforcement	EACH	15	\$225.00	\$3,375.00	\$117.00	\$1,755.00	\$130.00	\$1,950.00	\$132.00	\$1,980.00	\$150.00	\$2,250.00	\$200.00	\$3,000.00	\$500.00	\$7,500.00	\$130.00	\$1,950.00
32	703	Class B-2 Concrete	C.Y.	79.9	\$700.00	\$55,930.00	\$925.00	\$73,907.50	\$800.00	\$63,920.00	\$1,262.89	\$100,904.91	\$830.00	\$66,317.00	\$1,000.00	\$79,900.00	\$800.00	\$63,920.00	\$1,125.00	\$89,887.50
33	703	Slab on Steel Girder	S.Y.	190.6	\$350.00	\$66,710.00	\$385.00	\$73,381.00	\$425.00	\$81,005.00	\$425.00	\$81,005.00	\$660.00	\$125,796.00	\$400.00	\$76,240.00	\$425.00	\$81,005.00	\$750.00	\$142,950.00
34	712	Fabricated Structural Steel	LBS	46600	\$2.10	\$97,860.00	\$3.10	\$144,460.00	\$2.60	\$121,160.00	\$2.55	\$118,830.00	\$2.50	\$116,500.00	\$3.00	\$139,800.00	\$3.00	\$139,800.00	\$3.00	\$139,800.00
35	707	Conduit system on Structure	L.S.	1	\$2,500.00	\$2,500.00	\$1,525.00	\$1,525.00	\$8,000.00	\$8,000.00	\$1,000.00	\$1,000.00	\$4,800.00	\$4,800.00	\$6,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$7,500.00	
36	713	Thrie Beam Guardrail on Bridge	L.F.	150	\$100.00	\$15,000.00	\$115.00	\$17,250.00	\$135.00	\$20,250.00	\$220.00	\$33,000.00	\$123.00	\$18,450.00	\$125.00	\$18,750.00	\$100.00	\$15,000.00	\$125.00	\$18,750.00
37	715	Vertical Drain at End Bents	EACH	2	\$2,250.00	\$4,500.00	\$4,400.00	\$8,800.00	\$1,300.00	\$2,600.00	\$2,000.00	\$4,000.00	\$2,800.00	\$5,600.00	\$3,100.00	\$6,200.00	\$2,500.00	\$5,000.00	\$3,200.00	\$6,400.00
38	716.1	Tapered Laminated Steel Reinforced Elastomeric Brg. P	EACH	10	\$450.00	\$4,500.00	\$810.00	\$8,100.00	\$1,500.00	\$15,000.00	\$1,493.10	\$14,931.00	\$1,640.00	\$16,400.00	\$1,500.00	\$15,000.00	\$1,500.00	\$15,000.00	\$700.00	\$7,000.00
SUBTOTAL BRIDGE						\$352,234.95		\$432,207.20		\$397,976.20		\$436,081.71		\$466,769.10		\$450,652.00		\$425,058.00		\$557,025.00
TOTAL CONTRACTOR						\$619,159.85		\$653,144.85		\$662,631.70		\$699,842.78		\$782,035.90		\$732,793.10		\$827,490.50		\$867,938.70

LIQUIDATED DAMAGES = \$700 PER DAY
AVERAGE 9 BIDDERS = \$746,553.93

(CORRECTION MADE TO TOTAL)