MCLURE

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

Lincoln County, MO Taylor School Road Bridge No.2260007 September 18, 2018

				ENGINEER'S ESTIMATE		Widel, inc. 5700 M HWY Blackwater MO 65322 660-846-3791		Klocke, inc. 3844 County Road 401 Palmyra, MO 63461 573-769-6900		Bleigh Construction Co. P.O. Box 957 Hannibal, MO 63401 573-221-2247		Chester Bross Construction Co. P.O. Box 430 Hannibal, MO 63401 573-221-5958		Sharp Excavating, LLC 41940 Highway 154 Perry, MO 63462 573-473-8097		Boone Construction Co. 5611 Brown Station Road Columbia, MO 65202 573-474-1011		Pace Construction Company, LLC. 1620 Woodson Road St. Louis, MO 63114 314-524-7223		
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	UNIT PRICE	AMOUNT
ROADWAY IT		Clearing & Grubbing (Approx 0.4 Acres)		1	\$10,000.00	\$10,000.00	\$4,000.00	\$4,000.00	\$2,000.00	\$2,000.00	\$15,000.00	\$15,000.00	\$4,000.00	\$4,000.00	\$7,500.00	\$7,500.00	\$7,500.00	\$7,500.00	\$20,000.00	\$20,000.00
2	201 202.3	Removal of Existing Improvements	L.S. L.S.	1	\$10,000.00	\$10,000.00	\$4,000.00	\$4,000.00	\$2,000.00	\$2,000.00	\$1,500.00	\$1,500.00	\$3,000.00	\$3,000.00	\$5,000.00	\$5,000.00	\$4,000.00	\$4,000.00	\$20,000.00	\$800.00
3	203	Embankment in Place	C.Y.	3,033	\$15.00	\$45,495.00	\$10.00	\$30,330.00	\$13.00	\$39,429.00	\$17.20	\$52,167.60	\$18.50	\$56,110.50	\$17.00	\$51,561.00	\$19.00	\$57,627.00	\$15.00	\$45,495.00
4	304	Aggregate Base Course (6" layer of 3.5" Minus)	S.Y.	1,041	\$13.00	\$13,533.00	\$5.25	\$5,465.25	\$5.00	\$5,205.00	\$6.70	\$6,974.70	\$5.00	\$5,205.00	\$4.00	\$4,164.00	\$5.00	\$5,205.00	\$6.00	\$6,246.00
5	304	Aggregate Base Course (3" layer of 1.5" Minus)	S.Y.	1,041	\$8.00	\$8,328.00	\$2.85	\$2,966.85	\$5.00	\$5,205.00	\$3.80	\$3,955.80	\$4.00	\$4,164.00	\$3.00		\$2.25	\$2,342.25	\$3.00	\$3,123.00
6	310	Aggregate Surface (2" Layer of MoDOT Type 1 aggregate	S.Y.	1,041	\$7.00	\$7,287.00	\$1.35	\$1,405.35	\$2.00	\$2,082.00	\$3.30	\$3,435.30	\$3.00	\$3,123.00	\$3.00	\$3,123.00	\$1.50	\$1,561.50	\$2.50	\$2,602.50
7	310	Aggregate Surface (4" Layer of 1.5" Minus)	S.Y.	229	\$9.00	\$2,061.00	\$3.00	\$687.00	\$5.00	\$1,145.00	\$8.00	\$1,832.00	\$5.00	\$1,145.00	\$3.00	\$687.00	\$4.00	\$916.00	\$6.00	\$1,374.00
8	606.1	Guardrail Transition Section	EACH	4	\$500.00	\$2,000.00	\$435.00	\$1,740.00	\$350.00	\$1,400.00	\$360.00	\$1,440.00	\$350.00	\$1,400.00	\$300.00	\$1,200.00	\$325.00	\$1,300.00	\$325.00	\$1,300.00
9	606.1	Type A Crashworthy End Terminal	EACH	4	\$2,500.00	\$10,000.00	\$2,800.00	\$11,200.00	\$2,250.00	\$9,000.00	\$2,750.00	\$11,000.00	\$2,600.00	\$10,400.00	\$2,500.00	\$10,000.00	\$2,500.00	\$10,000.00	\$2,500.00	\$10,000.00
10	607.2	Fence	L.F.	668	\$10.00	\$6,680.00	\$1.50	\$1,002.00	\$22.50	\$15,030.00	\$13.00	\$8,684.00	\$9.00	\$6,012.00	\$7.00	\$4,676.00	\$8.00	\$5,344.00	\$7.00	\$4,676.00
11	607.2	Tubular Drive Gate (16' Single)	EACH	1	\$500.00	\$500.00	\$360.00	\$360.00	\$540.00	\$540.00	\$825.00	\$825.00	\$250.00	\$250.00	\$450.00	\$450.00	\$190.00	\$190.00	\$700.00	\$700.00
12	607.2	Tubular Drive Gate (20' Double (2-10'))	EACH	1	\$650.00	\$650.00	\$460.00	\$460.00	\$680.00	\$680.00	\$1,100.00	\$1,100.00	\$650.00	\$650.00	\$650.00	\$650.00	\$300.00	\$300.00	\$750.00	\$750.00
13	607.2	Tubular Drive Gate (24' Double (2-12'))	EACH	1	\$800.00	\$800.00	\$500.00	\$500.00	\$790.00	\$790.00	\$1,200.00	\$1,200.00	\$550.00	\$550.00	\$750.00	\$750.00	\$300.00	\$300.00	\$750.00	\$750.00
14	618	Mobilization	L.S.	1	\$40,000.00	\$40,000.00	\$25,000.00	\$25,000.00	\$18,000.00	\$18,000.00	\$21,300.00	\$21,300.00	\$23,500.00	\$23,500.00	\$50,000.00	\$50,000.00	\$35,000.00	\$35,000.00	\$25,000.02	\$25,000.02
15	627	Contractor Surveying and Staking	L.S.	1	\$3,500.00	\$3,500.00	\$2,000.00	\$2,000.00	\$3,250.00	\$3,250.00	\$3,520.00	\$3,520.00	\$3,500.00	\$3,500.00	\$3,500.00	\$3,500.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00
16	725	24" Aluminized Steel Corrugated Pipe	L.F.	40	\$60.00	\$2,400.00	\$50.00	\$2,000.00	\$45.50	\$1,820.00	\$54.00	\$2,160.00	\$55.00	\$2,200.00	\$40.00	\$1,600.00	\$46.50	\$1,860.00	\$40.00	\$1,600.00
10	805	Seeding (includes Fertilizing & Mulching)	ACRE	0.72	\$5,500.00	\$3,960.00	\$616.00	\$443.52	\$3,800.00	\$2,736.00	\$4,800.00	\$3,456.00	\$3,200.00	\$2,304.00	\$4,000.00	\$2,880.00	\$3,000.00	\$2,160.00	\$5,250.00	\$3,780.00
18	806.3	Ditch Check	EACH	4	\$250.00	\$1,000.00	\$48.55	\$194.20	\$200.00	\$800.00	\$165.00	\$660.00	\$160.00	\$640.00	\$150.00	\$600.00	\$200.00	\$800.00	\$275.00	\$1,100.00
19	806.7	Silt Fence	L.F.	284	\$4.00	\$1,136.00	\$0.70	\$198.80	\$2.30	\$653.20	\$3.50	\$994.00	\$5.00	\$1,420.00	\$0.50	-	\$3.00	\$852.00	\$5.50	\$1,562.00
15	000.7				Ş4.00	\$161,330.00	90.70	\$93,952.97	Ş2.50	\$111,765.20	Ş5.50	\$141,204.40	Ş3.00	\$129,573.50		\$151,606.00	\$5.00	\$140,257.75		\$133,858.52
						<i><i><i>ϕ</i>101,000.00</i></i>		<i>\$30,502.37</i>		<i>↓</i> 111 ,705120		<i><i><i></i></i></i>		<i><i><i><i><i><i><i></i></i></i></i></i></i></i>		<i><i><i></i></i></i> <i></i>		<i><i><i><i><i></i></i></i></i></i>		\$100,000.02
SIGNING ITER	MS																			
20	616	Type III Moveable Barricades	EACH	6	\$375.00	\$2,250.00	\$280.00	\$1,680.00	\$130.00	\$780.00	\$170.00	\$1,020.00	\$170.00	\$1,020.00	\$275.00	\$1,650.00	\$155.00	\$930.00	\$155.00	\$930.00
21	616	Construction Signs	EACH	6	\$200.00	\$1,200.00	\$272.00	\$1,632.00	\$150.00	\$900.00	\$110.00	\$660.00	\$120.00	\$720.00	\$125.00		\$100.00	\$600.00	\$100.00	\$600.00
				TAL SIGNING	+	\$3,450.00	<i> </i>	\$3,312.00	+20000	\$1,680.00	+=====	\$1,680.00	+	\$1,740.00	+=====	\$2,400.00	<i>+</i> 20000	\$1,530.00	+20000	\$1,530.00
										. ,		. ,		.,				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		,
BRIDGE ITEM	IS		-	-]															
22	216.1	Removal of Existing Bridge	L.S.	1	\$1,500.00	\$1,500.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1.00	\$1.00	\$1,500.44	\$1,500.44	\$5,000.00	\$5,000.00	\$2,000.00	\$2,000.00	\$1.00	\$1.00
23	611.3	Type 2 Rock Blanket	C.Y.	547	\$60.00	\$32,820.00	\$55.00	\$30,085.00	\$45.00	\$24,615.00	\$43.00	\$23,521.00	\$42.00	\$22,974.00	\$55.00	\$30,085.00	\$47.00	\$25,709.00	\$50.00	\$27,350.00
24 25	624 702	Geotextile Fabric HP 10X42 Structural Steel Piles	S.Y.	978 327	\$3.00 \$60.00	\$2,934.00 \$19,620.00	\$1.60 \$45.00	\$1,564.80 \$14,715.00	\$2.00 \$45.50	\$1,956.00 \$14,878.50	\$2.60 \$62.00	\$2,542.80 \$20,274.00	\$1.00 \$55.00	\$978.00 \$17.985.00	\$3.00 \$35.00	\$2,934.00 \$11,445,00	\$2.50 \$46.75	\$2,445.00 \$15,287.25	\$2.00 \$80.00	\$1,956.00 \$26,160.00
25	702	Pile Point Reinforcement	L.F. EACH	14	\$60.00	\$19,820.00 \$2,100.00	\$230.00	\$3,220.00	\$45.50 \$125.00	\$1,750.00	\$82.00 \$121.00	\$20,274.00 \$1,694.00	\$55.00 \$100.00	\$17,985.00 \$1,400.00	\$35.00 \$300.00	\$11,445.00 \$4,200.00	\$46.75 \$90.00	\$1,260.00	\$115.00	\$26,180.00 \$1,610.00
27	703	Class B-2 Concrete	C.Y.	37.2	\$650.00	\$24,180.00	\$195.00	\$7,254.00	\$525.00	\$19,530.00	\$565.00	\$21,018.00	\$725.00	\$26,970.00	\$600.00	\$22,320.00	\$525.00	\$19,530.00	\$750.00	\$27,900.00
28	703	Slab on Steel Girder	S.Y.	223.2	\$300.00	\$66,960.00	\$245.00	\$54,684.00	\$114.50	\$25,556.40	\$300.00	\$66,960.00	\$360.00	\$80,352.00	\$275.00	\$61,380.00	\$400.00	\$89,280.00	\$450.00	\$100,440.00
29	712	Fabricated Structural Steel	LBS	63,023	\$1.75	\$110,290.25	\$1.41	\$88,862.43	\$1.68	\$105,878.64	\$1.29	\$81,299.67	\$1.22	\$76,888.06	\$1.35	\$85,081.05	\$1.20	\$75,627.60	\$1.50	\$94,534.50
30	713	SL-1 Guardrail on Bridge	L.F.	183	\$60.00	\$10,980.00	\$59.00	\$10,797.00	\$48.00	\$8,784.00	\$62.00	\$11,346.00	\$59.00	\$10,797.00	\$50.00	\$9,150.00	\$63.00	\$11,529.00	\$56.06	\$10,258.98
31	715	Vertical Drain at End Bents	EACH	2	\$1,500.00	\$3,000.00	\$1,120.00	\$2,240.00	\$799.50 \$160.00	\$1,599.00 \$1,280.00	\$1,600.00	\$3,200.00	\$1,900.00 \$100.00	\$3,800.00	\$1,000.00	\$2,000.00	\$1,925.00	\$3,850.00	\$625.00 \$105.00	\$1,250.00
32	716.1	Plain Neoprene Bearing Pads	EACH	TAL BRIDGE	\$150.00	\$1,200.00 \$275,584.25	\$105.00	\$840.00 \$214,262.23	\$160.00	\$1,280.00 \$205,827.54	\$115.00	\$920.00 \$232,776.47	\$100.00	\$800.00 \$244,444.50	\$100.00	\$800.00 \$234,395.05	\$150.00	\$1,200.00 \$247,717.85	\$105.00	\$840.00 \$292,300.48
				CONTRACTOR	1	\$440,364.25		\$311,527.20		\$205,827.54		\$232,778.47		\$375,758.00		\$388,401.05		\$389,505.60		\$427,689.00
			IUTAL	JOINT ACTOR		J440,304.23		<i>4311,321</i> .20		<i>4313,212.1</i> 4		4373,000,07		<i>4373,73</i> 0.00		9300,401.03		990 <i>9</i> ,909,00		JA51002.00

WORKING DAYS = 100

LIQUIDATED DAMAGES = \$700 PER DAY

Average 9 bidders = \$413,724.74 Note: Text in Red is Bidders error.

MCLURE

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

Lincoln County, MO Taylor School Road Bridge No.2260007 September 18, 2018

_					951 West of Arnold,	/agner, Inc. Outer Road MO 6310 96-2012	Wehmeyer Farms, Inc. 600 Himmel Rd Moscow Mills, MO 63362 314-574-5517		
LINE	ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	
ROADWAY IT									
1 2	201 202.3	Clearing & Grubbing (Approx 0.4 Acres)	L.S. L.S.	1 1	\$15,100.00 \$1,970.00	\$15,100.00 \$1,970.00	\$28,000.00	\$28,000.00	
2	202.5	Removal of Existing Improvements Embankment in Place	L.S. C.Y.	3,033	\$1,970.00	\$1,970.00 \$57,627.00	\$25,200.00 \$12.27	\$25,200.00 \$37,214.91	
З 4	304	Aggregate Base Course (6" layer of 3.5" Minus)	S.Y.	1,041	\$6.49	\$6,756.09	\$24.85	\$25,868.85	
5	304 304	Aggregate Base Course (3" layer of 1.5" Minus)	S.Y.	1,041	\$5.11	\$5,319.51	\$24.85	\$25,868.85	
6			S.Y.				-		
-	310	Aggregate Surface (2" Layer of MoDOT Type 1 aggregate		1,041	\$4.63	\$4,819.83	\$24.85	\$25,868.85	
7	310	Aggregate Surface (4" Layer of 1.5" Minus)	S.Y.	229	\$6.08	\$1,392.32	\$21.25	\$4,866.25	
8	606.1	Guardrail Transition Section	EACH	4	\$325.00	\$1,300.00	\$2,000.00	\$8,000.00	
9	606.1	Type A Crashworthy End Terminal	EACH	4	\$2,500.00	\$10,000.00	\$7,500.00	\$30,000.00	
10	607.2	Fence	L.F.	668	\$15.00	\$10,020.00	\$88.00	\$58,784.00	
11	607.2	Tubular Drive Gate (16' Single)	EACH	1	\$800.00	\$800.00	\$12,000.00	\$12,000.00	
12	607.2	Tubular Drive Gate (20' Double (2-10'))	EACH	1	\$1,100.00	\$1,100.00	\$15,000.00	\$15,000.00	
13	607.2	Tubular Drive Gate (24' Double (2-12'))	EACH	1	\$1,300.00	\$1,300.00	\$17,000.00	\$17,000.00	
14	618	Mobilization	L.S.	1	\$22,300.00	\$22,300.00	\$50,000.00	\$50,000.00	
15	627	Contractor Surveying and Staking	L.S.	1	\$3,430.00	\$3,430.00	\$18,000.00	\$18,000.00	
16	725	24" Aluminized Steel Corrugated Pipe	L.F.	40	\$66.00	\$2,640.00	\$135.00	\$5,400.00	
17	805	Seeding (includes Fertilizing & Mulching)	ACRE	0.72	\$12,000.00	\$8,640.00	\$5 <i>,</i> 000.00	\$3,600.00	
18	806.3	Ditch Check	EACH	4	\$200.00	\$800.00	\$3,375.00	\$13,500.00	
19	806.7	Silt Fence	L.F.	284	\$3.50	\$994.00	\$12.00	\$3,408.00	
			SUBTOTA	ROADWAY		\$156,308.75		\$407,579.71	
SIGNING ITEN	vis								
20	616	Type III Moveable Barricades	EACH	6	\$150.00	\$900.00	\$1,000.00	\$6,000.00	
21	616	Construction Signs	EACH	6	\$150.00	\$900.00	\$1,000.00	\$6,000.00	
				AL SIGNING	,	\$1,800.00	,	\$12,000.00	
						. ,		, ,	
BRIDGE ITEM	S								
22	216.1	Removal of Existing Bridge	L.S.	1	\$2,640.00	\$2,640.00	\$56,794.00	\$56,794.00	
23	611.3	Type 2 Rock Blanket	C.Y.	547	\$56.00	\$30,632.00	\$60.00	\$32,820.00	
24	624	Geotextile Fabric	S.Y.	978	\$5.50	\$5,379.00	\$6.00	\$5,868.00	
25	702	HP 10X42 Structural Steel Piles	L.F.	327	\$75.00	\$24,525.00	\$82.24	\$26,892.48	
26	702	Pile Point Reinforcement	EACH	14	\$100.00	\$1,400.00	\$1,500.00	\$21,000.00	
27 28	703 703	Class B-2 Concrete Slab on Steel Girder	C.Y.	37.2 223.2	\$925.00	\$34,410.00	\$236.59	\$8,801.15	
28 29	703 712	Fabricated Structural Steel	S.Y. LBS	63,023	\$346.00 \$1.70	\$77,227.20 \$107,139.10	\$47.99 \$0.54	<mark>\$10,711.37</mark> \$34,032.42	
30	712	SL-1 Guardrail on Bridge	LBS L.F.	183	\$56.00	\$10,248.00	\$220.00	\$40,260.00	
31	715	Vertical Drain at End Bents	EACH	2	\$2,560.00	\$5,120.00	\$5,000.00	\$10,000.00	
32	716.1	Plain Neoprene Bearing Pads	EACH	8	\$265.00	\$2,120.00	\$1,250.00	\$10,000.00	
				TAL BRIDGE		\$300,840.30			
			TOTAL C	ONTRACTOR		\$458,949.05		\$676,759.13	

WORKING DAYS = 100

LIQUIDATED DAMAGES = \$700 PER DAY