Clay County, MO - NE 188th Street Stream Bank Stabilization Bid Date: November 30, 2017

				ENGINEER'S ESTIMA	ТЕ	id Construction, Inc. 13-764-6225	Amino Brothers Co., Inc 913-334-2330		Midwest Heavy Construction , LLC 816-623-9680	Tri-Smith Construction, LLC 660-542-2738		Lehman Construction, LLC 573-796-8101		She Digs It, LLC 816-295-1100		Linaweaver Construction Inc. 913-351-3474		Clarkson Construction Company 816-483-8800		Primetime Contracting Corp. 816-394-3915		Kissick Construction Co. 816-363-5530		Travis Hodge Hauling, LLC 573-793-6600		Earthworks Excavation and Associates, LLC 660-584-5020	
ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE AMOU	IT UNIT P	RICE AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE AMOUNT	UNIT PRICE	AMOUNT	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	ITEMS		-																								
1	MOBILIZATION (10%)	L.S.	1	\$37,400.00 \$37,40	. ,	00.00 \$10,000.00	\$30,370.00	\$30,370.00	\$34,500.00 \$34,500.0	0 \$34,140.00	\$34,140.00	\$38,863.00	\$38,863.00	\$40,000.00	\$40,000.00	\$20,000.00	\$20,000.00	\$72,000.00	\$72,000.00	\$25,975.00	\$25,975.00	\$7,000.00	\$7,000.00	\$40,000.00	\$40,000.00	\$62,129.66	\$62,129.66
2	CLEARING & GRUBBING	L.S.	1	\$12,000.00 \$12,00).00 \$15,0	00.00 \$15,000.00	\$6,965.00	\$6,965.00	\$7,585.00 \$7,585.0	0 \$7,210.00	\$7,210.00	\$18,000.00	\$18,000.00	\$69,011.00	\$69,011.00	\$15,000.00	\$15,000.00	\$12,000.00	\$12,000.00	\$10,000.00	\$10,000.00	\$49,900.00	\$49,900.00	\$5,000.00	\$5,000.00	\$61,356.96	\$61,356.96
3	EXCAVATION (CUT)	C.Y.	2,175	\$20.00 \$43,50	0.00	\$6.50 \$14,137.50	\$21.34	\$46,414.50	\$8.60 \$18,705.0	0 \$9.27	\$20,162.25	\$18.00	\$39,150.00	\$6.00	\$13,050.00	\$20.00	\$43,500.00	\$23.50	\$51,112.50	\$26.00	\$56,550.00	\$25.90	\$56,332.50	\$25.00	\$54,375.00	\$33.45	\$72,753.75
4	EMBANKMENT (FILL)	C.Y.	70	\$50.00 \$3,50	0.00	25.00 \$1,750.00	\$4.88	\$341.60	\$74.00 \$5,180.0	0 \$20.60	\$1,442.00	\$9.00	\$630.00	\$60.00	\$4,200.00	\$10.00	\$700.00	\$1.00	\$70.00	\$23.00	\$1,610.00	\$70.00	\$4,900.00	\$25.00	\$1,750.00	\$892.81	\$62,496.70
5	2" ASPHALTIC CONCRETE SURFACE COURSE	S.Y.	372	\$20.00 \$7,44	0.00	17.00 \$6,324.00	\$21.62	\$8,042.64	\$20.75 \$7,719.0	0 \$20.60	\$7,663.20	\$15.50	\$5,766.00	\$17.50	\$6,510.00	\$21.00	\$7,812.00	\$18.80	\$6,993.60	\$18.00	\$6 <i>,</i> 696.00	\$17.00	\$6,324.00	\$22.00	\$8,184.00	\$43.55	\$16,200.60
6	8" ASPHALTIC CONCRETE BASE COURSE	S.Y.	372	\$60.00 \$22,32	.00	43.00 \$15,996.00	\$53.13	\$19,764.36	\$50.75 \$18,879.0	0 \$30.90	\$11,494.80	\$35.00	\$13,020.00	\$47.00	\$17,484.00	\$52.00	\$19,344.00	\$46.20	\$17,186.40	\$48.00	\$17,856.00	\$45.00	\$16,740.00	\$50.00	\$18,600.00	\$61.97	\$23,052.84
7	6" COMPACTED SUBGRADE (95%)	S.Y.	372	\$10.00 \$3,72	0.00	\$7.00 \$2,604.00	\$5.68	\$2,112.96	\$4.50 \$1,674.0	0 \$24.98	\$9,292.56	\$14.00	\$5,208.00	\$5.00	\$1,860.00	\$10.00	\$3,720.00	\$7.30	\$2,715.60	\$3.00	\$1,116.00	\$20.00	\$7,440.00	\$20.00	\$7,440.00	\$35.51	\$13,209.72
8	24" DIA. x 14' DRILLED SHAFTS @ 12' SPACING (18)	V.F.	252	\$400.00 \$100,80).00 \$3	40.00 \$85,680.00	\$260.04	\$65,530.08	\$252.00 \$63,504.0	0 \$324.97	\$81,892.44	\$235.00	\$59,220.00	\$350.00	\$88,200.00	\$465.00	\$117,180.00	\$360.00	\$90,720.00	\$222.00	\$55,944.00	\$375.00	\$94,500.00	\$325.00	\$81,900.00	\$646.50	\$162,918.00
9	TYPE 2 ROCK BLANKET ALONG ROADSIDE DITCH (D ₅₀ =6")	TONS	50	\$20.00 \$1,00	0.00	68.00 \$3,400.00	\$40.00	\$2,000.00	\$75.00 \$3,750.0	0 \$39.14	\$1,957.00	\$47.00	\$2,350.00	\$38.00	\$1,900.00	\$42.00	\$2,100.00	\$57.00	\$2 <i>,</i> 850.00	\$57.00	\$2,850.00	\$75.00	\$3,750.00	\$75.00	\$3,750.00	\$278.81	\$13,940.50
10	TYPE 2 ROCK BLANKET CHANNEL SLOPE (D ₅₀ =12")	TONS	3,652	\$30.00 \$109,56	.00	37.00 \$135,124.00	\$32.00	\$116,864.00	\$42.00 \$153,384.0	0 \$39.14	\$142,939.28	\$47.00	\$171,644.00	\$36.00	\$131,472.00	\$42.00	\$153,384.00	\$41.00	\$149,732.00	\$62.00	\$226,424.00	\$51.00	\$186,252.00	\$75.00	\$273,900.00	\$29.58	\$108,026.16
11	TYPE 2 ROCK BLANKET BENDWAY WEIRS ($D_{50}=18''$)	TONS	147	\$100.00 \$14,70	0.00	42.00 \$6,174.00	\$65.50	\$9,628.50	\$55.00 \$8,085.0	0 \$41.20	\$6,056.40	\$62.00	\$9,114.00	\$40.00	\$5,880.00	\$42.00	\$6,174.00	\$65.50	\$9,628.50	\$90.00	\$13,230.00	\$57.00	\$8,379.00	\$75.00	\$11,025.00	\$205.60	\$30,223.20
12	GEOTEXTILE FABRIC	S.Y.	1,420	\$8.00 \$11,36	0.00	\$2.00 \$2,840.00	\$9.25	\$13,135.00	\$3.25 \$4,615.0	0 \$6.18	\$8,775.60	\$1.00	\$1,420.00	\$2.00	\$2,840.00	\$2.50	\$3,550.00	\$3.75	\$5,325.00	\$2.50	\$3,550.00	\$2.00	\$2,840.00	\$5.00	\$7,100.00	\$5.38	\$7,639.60
13	SILT FENCE	L.F.	185	\$5.00 \$92		\$7.60 \$1,406.00	\$7.50	\$1,387.50	\$8.50 \$1,572.5		\$571.65	\$10.00	\$1,850.00	\$4.00	\$740.00	\$3.00		\$1.40	\$259.00	\$7.00	\$1,295.00	\$7.00	\$1,295.00	\$6.00	\$1,110.00	\$25.54	\$4,724.90
14	WATTLES	L.F.	860	\$5.00 \$4,30	0.00	\$4.90 \$4,214.00	\$8.05	\$6,923.00	\$5.50 \$4,730.0	0 \$9.27	\$7,972.20	\$6.00	\$5,160.00	\$6.00	\$5,160.00	\$3.50	\$3,010.00	\$3.50	\$3,010.00	\$3.00	\$2,580.00	\$6.00	\$5,160.00	\$6.00	\$5,160.00	\$3.38	\$2,906.80
15	SEEDING	ACRE	0.120	\$4,000.00 \$48).00 \$18,4	00.00 \$2,208.00	\$17,950.00	\$2,154.00	\$20,250.00 \$2,430.0	0 \$3,216.67	\$386.00	\$18,400.00	\$2,208.00	\$11,000.00	\$1,320.00	\$18,000.00	\$2,160.00	\$8,333.33	\$1,000.00	\$14,200.00	\$1,704.00	\$5,000.00	\$600.00	\$20,000.00	\$2,400.00	\$76,912.08	\$9,229.45
16	TYPE A GUARDRAIL (INCLUDES TERMINALS)	L.F.	473	\$60.00 \$28,38	.00	32.00 \$15,136.00	\$33.99	\$16,077.27	\$33.50 \$15,845.5	0 \$31.49	\$14,894.77	\$42.00	\$19,866.00	\$33.00	\$15,609.00	\$32.50	\$15,372.50	\$29.56	\$13,981.88	\$32.00	\$15,136.00	\$38.00	\$17,974.00	\$38.00	\$17,974.00	\$38.21	\$18,073.33
17	TRAFFIC CONTROL SIGNS (ASSEMBLIES S-1)	EACH	2	\$500.00 \$1,00	0.00	90.00 \$180.00	\$103.50	\$207.00	\$100.00 \$200.0	0 \$93.00	\$186.00	\$325.00	\$650.00	\$100.00	\$200.00	\$55.00	\$110.00	\$200.00	\$400.00	\$100.00	\$200.00	\$110.00	\$220.00	\$700.00	\$1,400.00	\$561.66	\$1,123.32
18	TRAFFIC CONTROL SIGNS (ASSEMBLY B-1 THRU B-2)	EACH	4	\$400.00 \$1,60).00 \$2	75.00 \$700.00	\$201.25	\$805.00	\$195.00 \$780.0	0 \$180.25	\$721.00	\$325.00	\$1,300.00	\$200.00	\$800.00	\$100.00	\$400.00	\$100.00	\$400.00	\$180.00	\$720.00	\$200.00	\$800.00	\$1,000.00	\$4,000.00	\$410.83	\$1,643.32
19	TRAFFIC CONTROL SIGNS (ASSEMBLIES SP-1 & SP-2)	EACH	5	\$400.00 \$2,00).00 \$2	25.00 \$1,125.00	\$258.75	\$1,293.75	\$250.00 \$1,250.0	0 \$232.00	\$1,160.00	\$325.00	\$1,625.00	\$250.00	\$1,250.00	\$440.00	\$2,200.00	\$250.00	\$1,250.00	\$230.00	\$1,150.00	\$250.00	\$1,250.00	\$1,000.00	\$5 <i>,</i> 000.00	\$556.67	\$2,783.35
20	TYPE III BARRICADES	EACH	6	\$300.00 \$1,80).00 \$3	75.00 \$1,050.00	\$201.25	\$1,207.50	\$200.00 \$1,200.0	0 \$180.17	\$1,081.02	\$300.00	\$1,800.00	\$200.00	\$1,200.00	\$165.00	\$990.00	\$300.00	\$1,800.00	\$180.00	\$1,080.00	\$200.00	\$1,200.00	\$500.00	\$3 <i>,</i> 000.00	\$350.55	\$2,103.30
21	CONTRACTOR CONSTRUCTION STAKING	L.S.	1	\$4,000.00 \$4,00).00 \$3,	00.00 \$3,500.00	\$4,255.00	\$4,255.00	\$6,500.00 \$6,500.0	0 \$16,243.00	\$16,243.00	\$4,000.00	\$4,000.00	\$4,500.00	\$4,500.00	\$4,000.00	\$4,000.00	\$5,400.00	\$5,400.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$7,423.33	\$7,423.33
		TOTAL C	ONTRACTO	R \$411,78	5.00	\$328,548.50		\$355,478.66	\$362,088.0	0 1-	\$376,241.17		\$402,844.00		\$413,186.00		\$421,261.50		\$447,834.48		\$450,666.00		\$477,856.50		\$558,068.00	2-	\$683,958.79

CALENDER DAYS = 60

LIQUIDATED DAMAGES = \$700 PER DAY Bid #10 - Quanity Error

1- Tri-Smith Construction, LLC - Calculation Errors

2- Earthworks Excavation and Associates, LLC - Calculation Errors