

Project: Kramme Road Bridge Replacment Federal Project #: STP-5403 (652) Bid Opening: April 19, 2016 Total Engineer's Estimate : \$388,597.50				Engineers Estimate		GERSHENSON CONSTRUCTION 2 TRUITT DR. EUREKA, MO 63025		SPENCER CONTRACTING CO. 3073 ARNOLD, MO 63010		UNITED BRIDGE BUILDERS, INC. PO BOX 510648 ST.LOUIS, MO 63151		KRUPP CONSTRUCTION INC.415 OLD STATE ROAD ELLISVILLE, MO 63021	
ITEM NUMBER	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
	ROADWAY ITEMS:												
2013000	Clearing and Grubbing	AC	0.8	\$10,000.00	\$8,000.00	\$5,000.00	\$4,000.00	\$6,382.50	\$5,106.00	\$14,800.00	\$11,840.00	\$13,750.00	\$11,000.00
2022010	Removal of Improvements	LS	1	\$1,000.00	\$1,000.00	\$6,000.00	\$6,000.00	\$6,348.00	\$6,348.00	\$8,800.00	\$8,800.00	\$24,392.00	\$24,392.00
2035000	Unclassified Excavation	CY	77	\$10.00	\$770.00	\$21.00	\$1,617.00	\$20.31	\$1,563.87	\$62.00	\$4,774.00	\$20.00	\$1,540.00
2035500	Embankment in Place	CY	970	\$10.00	\$9,700.00	\$13.00	\$12,610.00	\$19.95	\$19,351.50	\$27.00	\$26,190.00	\$15.00	\$14,550.00
3040504	Type 5 Aggregate for Base (4" Thick) (For Roadway Only)	SY	851	\$6.50	\$5,531.50	\$6.50	\$5,531.50	\$4.77	\$4,059.27	\$8.25	\$7,020.75	\$6.00	\$5,106.00
3040514	Type 5 Aggregate for Shoulders (4" Thick)	SY	242	\$12.00	\$2,904.00	\$7.00	\$1,694.00	\$8.86	\$2,144.12	\$10.30	\$2,492.60	\$6.00	\$1,452.00
3105003	Gravel (A) or Crushed Stone (B) (4") (For Driveways Only)	SY	378	\$5.00	\$1,890.00	\$9.00	\$3,402.00	\$5.48	\$2,071.44	\$7.75	\$2,929.50	\$5.00	\$1,890.00
4011209	Bituminous Pavement Mix PG64-22 (BP-1) (Surface Course) (2")	TON	96	\$70.00	\$6,720.00	\$112.00	\$10,752.00	\$104.60	\$10,041.60	\$116.00	\$11,136.00	\$180.00	\$17,280.00
4013000	Bituminous Pavement Mix PG64-22 (BASE 2-3" Lifts)	TON	287	\$80.00	\$22,960.00	\$86.00	\$24,682.00	\$91.36	\$26,220.32	\$116.00	\$33,292.00	\$90.00	\$25,830.00
6061010	Guardrail Type A (curved on 35' radius)	LF	12.5	\$30.00	\$375.00	\$40.00	\$500.00	\$46.00	\$575.00	\$40.00	\$500.00	\$40.00	\$500.00
6062301A	Transition Section, 7.5 Ft. Posts	EA	4	\$750.00	\$3,000.00	\$600.00	\$2,400.00	\$690.00	\$2,760.00	\$600.00	\$2,400.00	\$600.00	\$2,400.00
6063001	Terminal End Section	EA	4	\$1,200.00	\$4,800.00	\$1,200.00	\$4,800.00	\$1,380.00	\$5,520.00	\$1,200.00	\$4,800.00	\$1,200.00	\$4,800.00
6071041	Tubular Steel Drive Gate - 16'	EA	2	\$300.00	\$600.00	\$900.00	\$1,800.00	\$1,035.00	\$2,070.00	\$900.00	\$1,800.00	\$900.00	\$1,800.00
6072010	Fence - Woven Wire	LF	129	\$15.00	\$1,935.00	\$20.00	\$2,580.00	\$23.00	\$2,967.00	\$20.00	\$2,580.00	\$20.00	\$2,580.00
6072011	Fence - 5 Strand Barbed Wire	LF	385	\$10.00	\$3,850.00	\$20.00	\$7,700.00	\$23.00	\$8,855.00	\$20.00	\$7,700.00	\$20.00	\$7,700.00
6072012	Fence - Wooden	LF	68	\$40.00	\$2,720.00	\$40.00	\$2,720.00	\$46.00	\$3,128.00	\$40.00	\$2,720.00	\$40.00	\$2,720.00
6072013	Fence - Water Gap	LF	63	\$35.00	\$2,205.00	\$120.00	\$7,560.00	\$138.00	\$8,694.00	\$120.00	\$7,560.00	\$120.00	\$7,560.00
6181000	Mobilization	LS	1	\$23,000.00	\$23,000.00	\$28,086.15	\$28,086.15	\$25,000.00	\$25,000.00	\$45,000.00	\$45,000.00	\$14,452.00	\$14,452.00
6274000	Contractor Furnished Surveying & Staking	LS	1	\$4,000.00	\$4,000.00	\$3,500.00	\$3,500.00	\$2,070.00	\$2,070.00	\$5,000.00	\$5,000.00	\$4,000.00	\$4,000.00
7250318A	18 In. Smooth Interior HDPE	LF	25	\$50.00	\$1,250.00	\$38.00	\$950.00	\$67.85	\$1,696.25	\$78.00	\$1,950.00	\$100.00	\$2,500.00
7261324	24 In. Class III Reinforced Concrete Pipe Culvert	LF	46	\$80.00	\$3,680.00	\$47.00	\$2,162.00	\$78.90	\$3,629.40	\$109.00	\$5,014.00	\$160.00	\$7,360.00
8051000A	Seeding - Cool Season Mixtures	AC	0.5	\$4,000.00	\$2,000.00	\$4,500.00	\$2,250.00	\$6,992.00	\$3,496.00	\$4,000.00	\$2,000.00	\$7,000.00	\$3,500.00
8061019	Silt Fence	LF	448	\$3.00	\$1,344.00	\$4.50	\$2,016.00	\$4.86	\$2,177.28	\$4.35	\$1,948.80	\$2.00	\$896.00
8061005	Ditch Check	EA	3	\$150.00	\$450.00	\$200.00	\$600.00	\$452.33	\$1,356.99	\$300.00	\$900.00	\$50.00	\$150.00
8061111	Temporary Stream Crossing	EA	1	\$10,000.00	\$10,000.00	\$8,500.00	\$8,500.00	\$14,294.00	\$14,294.00	\$14,300.00	\$14,300.00	\$8,000.00	\$8,000.00
				SUBTOTAL:	\$124,684.50		\$148,412.65		\$165,195.04		\$214,647.65		\$173,958.00
	PAVEMENT MARKING:												
6161005	Construction Signs	SF	48.5	\$12.00	\$582.00	\$8.00	\$388.00	\$11.39	\$552.42	\$10.00	\$485.00	\$10.00	\$485.00
6161030	Type III Moveable Barricade with Light	EA	4	\$350.00	\$1,400.00	\$200.00	\$800.00	\$250.00	\$1,000.00	\$150.00	\$600.00	\$200.00	\$800.00
				SUBTOTAL:	\$1,982.00		\$1,188.00		\$1,552.42		\$1,085.00		\$1,285.00
	BRIDGE ITEMS:												
2061000	Class 1 Excavation	CY	315	\$50.00	\$15,750.00	\$20.00	\$6,300.00	\$43.55	\$13,718.25	\$25.00	\$7,875.00	\$30.00	\$9,450.00
2061003	Class 1 Excavation in Rock	CY	26	\$300.00	\$7,800.00	\$100.00	\$2,600.00	\$295.46	\$7,681.96	\$92.00	\$2,392.00	\$150.00	\$3,900.00
2160500	Removal of Bridges	EA	1	\$10,000.00	\$10,000.00	\$7,000.00	\$7,000.00	\$6,194.00	\$6,194.00	\$12,400.00	\$12,400.00	\$39,291.00	\$39,291.00
5031010	Bridge Approach Slab	SY	109.2	\$230.00	\$25,116.00	\$258.00	\$28,173.60	\$232.88	\$25,430.50	\$248.00	\$27,081.60	\$326.00	\$35,599.20
6113020	Furnishing Type 2 Rock Blanket (24" Thick)	CY	134	\$28.00	\$3,752.00	\$44.00	\$5,896.00	\$37.17	\$4,980.78	\$50.00	\$6,700.00	\$38.00	\$5,092.00
6113040	Placing Type 2 Rock Blanket (24" Thick)	CY	134	\$22.00	\$2,948.00	\$20.00	\$2,680.00	\$24.02	\$3,218.68	\$29.00	\$3,886.00	\$14.00	\$1,876.00
7032003	Class B Concrete (Substructure)(Footings)	CY	26	\$400.00	\$10,400.00	\$540.00	\$14,040.00	\$356.05	\$9,257.30	\$510.00	\$13,260.00	\$730.00	\$18,980.00
7034003	Class B1 Concrete (Substructure)(Walls)	CY	91.1	\$500.00	\$45,550.00	\$575.00	\$52,382.50	\$651.38	\$59,340.72	\$490.00	\$44,639.00	\$800.00	\$72,880.00
7034209	Class B2 Concrete (Superstructure)(Slab)	CY	34.5	\$725.00	\$25,012.50	\$1,050.00	\$36,225.00	\$1,138.13	\$39,265.49	\$941.00	\$32,464.50	\$1,000.00	\$34,500.00
7056042	18" Prestressed Concrete Voided Slab Beam	LF	352	\$225.00	\$79,200.00	\$251.00	\$88,352.00	\$272.33	\$95,860.16	\$305.00	\$107,360.00	\$300.00	\$105,600.00
7101000	Reinforcing Steel (Epoxy coated) Grade 60	LB	17335	\$1.50	\$26,002.50	\$1.15	\$19,935.25	\$1.20	\$20,802.00	\$1.08	\$18,721.80	\$1.20	\$20,802.00
7135000	Bridge Guard Rail - SL1 Thrie Beam	LF	100	\$50.00	\$5,000.00	\$80.00	\$8,000.00	\$92.00	\$9,200.00	\$80.00	\$8,000.00	\$80.00	\$8,000.00
7135000	Bridge Guard Rail - SL1 Thrie Beam (curved on 50' radius)	LF	25	\$50.00	\$1,250.00	\$85.00	\$2,125.00	\$97.75	\$2,443.75	\$85.00	\$2,125.00	\$85.00	\$2,125.00
7161000	Plain Neoprene Bearing Pads	EA	16	\$100.00	\$1,600.00	\$150.00	\$2,400.00	\$152.75	\$2,444.00	\$177.00	\$2,832.00	\$150.00	\$2,400.00
9014502	Conduit, 2 In. Rigid on Structure	LF	102	\$25.00	\$2,550.00	\$5.00	\$510.00	\$30.00	\$3,060.00	\$13.00	\$1,326.00	\$30.00	\$3,060.00
				SUBTOTAL:	\$261,931.00		\$276,619.35		\$302,897.59		\$291,062.90		\$363,555.20
	KRAMME ROAD BRIDGE REPLACEMENT TOTAL:				\$388,597.50		\$426,220.00		\$469,645.05		\$506,795.55		\$538,798.20