

Project: Kramme Road Bridge Replacement

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													