

Project: **Old Lemay Ferry Road and Vogel Road Intersection Improvements**
Federal Project #: **STP-5403(641)**
Bid Opening: **July 14, 2015**
Engineer's Estimate: **\$381,993.60**

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ITEM NUMBER	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
ROADWAY ITEMS:											
202-20.10	REMOVAL OF IMPROVEMENTS	LS	1	\$20,813.00	\$20,813.00	\$26,992.94	\$26,992.94	\$44,697.00	\$44,697.00	\$27,633.00	\$27,633.00
203-10.00	CLASS A EXCAVATION	CUYD	1582	\$10.00	\$15,820.00	\$12.00	\$18,984.00	\$20.00	\$31,640.00	\$28.38	\$44,897.16
203-60.00	COMPACTING EXCAVATION	CUYD	607	\$2.50	\$1,517.50	\$3.40	\$2,063.80	\$12.00	\$7,284.00	\$66.28	\$34,161.96
304-01.43	TYPE 1 AGGREGATE FOR BASE (4 IN. THICK)	SOYD	937	\$6.00	\$5,622.00	\$6.50	\$6,090.50	\$9.00	\$8,433.00	\$16.98	\$15,910.26
401-01.50	TYPE A2 SHOULDER	SOYD	688	\$20.00	\$13,760.00	\$33.00	\$22,704.00	\$35.00	\$24,080.00	\$28.02	\$19,277.76
401-12.09	BITUMINOUS PAVEMENT MIXTURE PG64-22, (BP-1)	TON	565	\$85.00	\$48,025.00	\$87.00	\$49,155.00	\$83.00	\$46,895.00	\$81.00	\$45,765.00
401-12.11	BITUMINOUS PAVEMENT MIXTURE PG64-22, (BP-2)	TON	578	\$65.00	\$37,570.00	\$79.77	\$46,107.06	\$82.00	\$47,396.00	\$81.00	\$46,818.00
407-10.05	TACK COAT	GAL	253	\$2.00	\$506.00	\$4.00	\$1,012.00	\$1.00	\$253.00	\$4.88	\$1,234.64
608-10.00	CONCRETE MEDIAN	SQ YD	37	\$52.80	\$1,953.60	\$87.00	\$3,219.00	\$133.00	\$4,921.00	\$111.61	\$4,129.57
609-10.52	CURB AND GUTTER TYPE B	FT	262	\$25.00	\$6,550.00	\$33.00	\$8,646.00	\$28.00	\$7,336.00	\$28.48	\$7,461.76
616-10.05	CONSTRUCTION SIGNS	SQ FT	507	\$6.50	\$3,295.50	\$7.00	\$3,549.00	\$7.00	\$3,549.00	\$7.70	\$3,903.90
616-10.28	CHANNELIZER	EA	88	\$12.00	\$1,056.00	\$14.00	\$1,232.00	\$30.00	\$2,640.00	\$34.50	\$3,036.00
616-10.30	TYPE III MOVEABLE BARRICADE	EA	2	\$150.00	\$300.00	\$55.00	\$110.00	\$150.00	\$300.00	\$165.00	\$330.00
618-10.00	MOBILIZATION	LS	1	\$17,500.00	\$17,500.00	\$38,200.00	\$38,200.00	\$40,000.00	\$40,000.00	\$70,150.00	\$70,150.00
619-10.00	PAVEMENT EDGE TREATMENT	LF	549	\$2.60	\$1,427.40	\$4.75	\$2,607.75	\$1.00	\$549.00	\$10.67	\$5,857.83
622-10.01	COLDMILLING BITUMINOUS PAVEMENT FOR REMOVAL OF SURFACING (LESS THAN 3 IN. THICK)	SQ YD	4199	\$2.40	\$10,077.60	\$3.50	\$14,696.50	\$2.75	\$11,547.25	\$3.28	\$13,772.72
622-99.05	TEMPORARY RAMPS	SOYD	95	\$20.00	\$1,900.00	\$11.00	\$1,045.00	\$67.00	\$6,365.00	\$48.42	\$4,599.90
627-40.00	CONTRACTOR FURNISHED SURVEYING AND STAKING	LS	1	\$9,000.00	\$9,000.00	\$5,540.00	\$5,540.00	\$3,500.00	\$3,500.00	\$8,300.00	\$8,300.00
				SUBTOTAL:	\$196,693.60		\$251,954.55		\$291,385.25		\$357,239.46
DRAINAGE ITEMS:											
206-30.00	CLASS 3 EXCAVATION	CU YD	135	\$25.00	\$3,375.00	\$36.00	\$4,860.00	\$33.00	\$4,455.00	\$102.22	\$13,799.70
216-35.00	PARTIAL REMOVAL OF CULVERT CONCRETE	LS	1	\$1,500.00	\$1,500.00	\$4,000.00	\$4,000.00	\$2,600.00	\$2,600.00	\$2,912.00	\$2,912.00
609-60.20	FURNISHING TYPE 2 ROCK DITCH LINER	CU YD	99	\$27.00	\$2,673.00	\$30.00	\$2,970.00	\$36.00	\$3,564.00	\$32.50	\$3,217.50
609-60.40A	FURNISHING TYPE 4 ROCK DITCH LINER	CU YD	42	\$32.00	\$1,344.00	\$38.00	\$1,596.00	\$40.00	\$1,680.00	\$32.50	\$1,365.00
609-60.42	PLACING TYPE 2 ROCK DITCH LINER	CU YD	99	\$20.00	\$1,980.00	\$35.00	\$3,465.00	\$42.00	\$4,158.00	\$55.00	\$5,445.00
609-60.44	PLACING TYPE 4 ROCK DITCH LINER	CU YD	42	\$20.00	\$840.00	\$50.00	\$2,100.00	\$49.00	\$2,058.00	\$80.50	\$3,381.00
614-11.20	CURVED VANE GRATE AND FRAME (2 FT. X 2 FT. OR 600MM X 600MM)	EA	1	\$530.00	\$530.00	\$900.00	\$900.00	\$1,200.00	\$1,200.00	\$1,360.00	\$1,360.00
614-30.11	MANHOLE FRAME AND COVER, TYPE 1B	EA	1	\$520.00	\$520.00	\$925.00	\$925.00	\$750.00	\$750.00	\$700.00	\$700.00
703-40.40	CLASS B1 CONCRETE (BRIDGES AND CULVERTS)	CU YD	19.2	\$610.00	\$11,712.00	\$1,850.00	\$35,520.00	\$1,100.00	\$21,120.00	\$1,218.00	\$23,385.60
706-10.20	REINFORCING STEEL (BRIDGES AND CULVERTS)	LBS	2930	\$1.00	\$2,930.00	\$0.01	\$29.30	\$1.22	\$3,574.60	\$2.25	\$6,592.50
720-12.00	SELECT GRANULAR BACKFILL FOR STRUCTURAL SYSTEMS	CU YD	37	\$30.00	\$1,110.00	\$45.00	\$1,665.00	\$70.00	\$2,590.00	\$62.00	\$2,294.00
726-10.18	18 IN. PIPE GROUP A	FT	63	\$40.00	\$2,520.00	\$46.00	\$2,898.00	\$61.00	\$3,843.00	\$119.00	\$7,487.00
726-10.24	24 IN. PIPE GROUP A	FT	27	\$50.00	\$1,350.00	\$50.00	\$1,350.00	\$72.00	\$1,944.00	\$322.00	\$8,694.00
726-10.42	42 IN. PIPE GROUP A	FT	37	\$100.00	\$3,700.00	\$80.00	\$2,960.00	\$110.00	\$4,070.00	\$359.00	\$13,283.00
731-00.60	PRECAST CONCRETE MANHOLE - 60 IN.	FT	7	\$350.00	\$2,450.00	\$585.00	\$4,095.00	\$625.00	\$4,375.00	\$1,197.00	\$8,379.00
731-10.22	PRECAST CONCRETE DROP INLET 2 FT X 2 FT	FT	5	\$330.00	\$1,650.00	\$360.00	\$1,800.00	\$448.00	\$2,240.00	\$1,500.00	\$7,500.00
731-99.01	DOUBLE CURBE INLET AND TOP	FT	16	\$510.00	\$8,160.00	\$510.00	\$8,160.00	\$500.00	\$8,000.00	\$815.00	\$13,040.00
732-06.18A	18 IN. OR ALLOWED SUBSTITUTE GROUP A FLARED END SECTION	EA	2	\$450.00	\$900.00	\$440.00	\$880.00	\$1,000.00	\$2,000.00	\$4,830.00	\$9,660.00
732-06.42	42 IN. OR ALLOWED SUBSTITUTE GROUP A FLARED END SECTION	EA	1	\$1,200.00	\$1,200.00	\$1,750.00	\$1,750.00	\$2,200.00	\$2,200.00	\$7,130.00	\$7,130.00
				SUBTOTAL:	\$50,444.00		\$81,923.30		\$76,421.60		\$139,625.30
LANDSCAPING/STREETSCAPING:											
805-20.00A	SEEDING - WARM SEASON MIXTURES	ACRE	0.3	\$ 2,300.00	\$690.00	\$10,725.00	\$3,217.50	\$10,725.00	\$3,217.50	\$11,797.00	\$3,539.10
806-10.17	TEMPORARY SEEDING AND MULCHING	ACRE	0.3	\$ 2,300.00	\$690.00	\$5,000.00	\$1,500.00	\$5,000.00	\$1,500.00	\$5,500.00	\$1,650.00
806-10.19	SILT FENCE	LF	559	\$ 2.00	\$1,118.00	\$3.75	\$2,096.25	\$3.75	\$2,096.25	\$4.15	\$2,319.85
806-10.21	TYPE I DITCH CHECK	EA	3	\$115.00	\$345.00	\$175.00	\$525.00	\$175.00	\$525.00	\$200.00	\$600.00
806-10.22	TYPE II DITCH CHECK	EA	4	\$150.00	\$600.00	\$215.00	\$860.00	\$215.00	\$860.00	\$250.00	\$1,000.00
806-10.25	INLET CHECK	EA	4	\$120.00	\$480.00	\$215.00	\$860.00	\$215.00	\$860.00	\$250.00	\$1,000.00
				SUBTOTAL:	\$3,923.00		\$9,058.75		\$9,058.75		\$10,108.95
SIGNING ITEMS:											
903-10.10	CONCRETE FOOTING, EMBEDDED	CUYD	0.13	\$1,200.00	\$156.00	\$1,500.00	\$195.00	\$1,100.00	\$143.00	\$1,725.00	\$224.25
903-12.20	PIPE POST	LB	40	\$3.00	\$120.00	\$5.00	\$200.00	\$4.00	\$160.00	\$7.00	\$280.00
903-12.40	BREAKAWAY ASSEMBLY	EA	1	\$80.00	\$80.00	\$150.00	\$150.00	\$150.00	\$150.00	\$144.00	\$144.00
903-12.50A	U-CHANNEL POST, 3LB	LF	377	\$10.00	\$3,770.00	\$12.00	\$4,524.00	\$12.00	\$4,524.00	\$14.00	\$5,278.00
903-50.04	TYPE SHR2L-1 SIGN	SOFT	43	\$20.00	\$860.00	\$24.00	\$1,032.00	\$22.00	\$946.00	\$30.00	\$1,290.00
903-99.02a	REMOVE EXISTING SIGN	EA	14	\$37.50	\$525.00	\$50.00	\$700.00	\$50.00	\$700.00	\$60.00	\$840.00
903-99.02b	RELOCATE EXISTING SIGN	EA	5	\$75.00	\$375.00	\$100.00	\$500.00	\$150.00	\$750.00	\$240.00	\$1,200.00
				SUBTOTAL:	\$5,886.00		\$7,301.00		\$7,373.00		\$9,256.25
PAVEMENT MARKING:											
620-51.30	TYPE 2 PREFORMED MARKING TAPE (GROOVED), LEFT/RIGHT ARROW	CY	9	\$310.00	\$2,790.00	\$325.00	\$2,925.00	\$325.00	\$2,925.00	\$360.00	\$3,240.00
620-51.40	TYPE 2 PREFORMED MARKING TAPE (GROOVED), 24 IN. WHITE, YIELD LINE TRIANGLES	LS	5	\$35.00	\$175.00	\$35.00	\$175.00	35	\$175.00	\$38.50	\$192.50
620-60.01B	4 IN. WHITE ACRYLIC WATERBORNE PAVEMENT MARKING PAINT	CY	132.0	\$0.50	\$66.00	\$0.35	\$46.20	\$0.35	\$46.20	\$0.40	\$52.80
620-60.01B	4 IN. YELLOW ACRYLIC WATERBORNE PAVEMENT MARKING PAINT	CY	2940.0	\$0.50	\$1,470.00	\$0.35	\$1,029.00	\$0.35	\$1,029.00	\$0.40	\$1,176.00
620-61.06	ACRYLIC WATERBORNE PAVEMENT MARKING PAINT, 6 IN., WHITE	CY	2438	\$1.00	\$2,438.00	\$0.40	\$975.20	\$0.40	\$975.20	\$0.45	\$1,097.10
620-61.22	ACRYLIC WATERBORNE PAVEMENT MARKING PAINT, 12 IN., WHITE	LS	43	\$2.00	\$86.00	\$4.00	\$172.00	\$4.00	\$172.00	\$4.50	\$193.50
620-61.24	ACRYLIC WATERBORNE PAVEMENT MARKING PAINT, 12 IN., WHITE	CY	130.0	\$20.00	\$2,600.00	\$6.00	\$780.00	\$6.00	\$780.00	\$6.75	\$877.50
620-99.02	ACRYLIC WATERBORNE PAVEMENT MARKING PAINT, COMBINATION STRAIGHTLEFT/RIGHT ARROW	LBS	9	\$600.00	\$5,400.00	\$75.00	\$675.00	\$75.00	\$675.00	\$82.50	\$742.50
620-99.03	ACRYLIC WATERBORNE PAVEMENT MARKING PAINT, 12 IN., YELLOW	LBS	58	\$2.00	\$116.00	\$4.00	\$232.00	\$4.00	\$232.00	\$4.50	\$261.00
				SUBTOTAL:	\$15,141.00		\$7,009.40		\$7,009.40		\$7,832.90
LIGHTING:											
901-99.03	CONDUIT, 1.5 IN. RIGID, IN TRENCH (AMEREN UE STD)	LF	439	\$20.00	\$8,780.00	\$14.00	\$6,146.00	\$35.00	\$15,365.00	\$15.50	\$6,804.50
				SUBTOTAL:	\$8,780.00		\$6,146.00		\$15,365.00		\$6,804.50
SIGNALS:											
902-05.13	SIGNAL HEAD, TYPE 3B, LED	EA	5.00	\$1,100.00	\$5,500.00	\$913.00	\$4,565.00	\$913.00	\$4,565.00	\$1,004.00	\$5,020.00
902-05.15	SIGNAL HEAD, TYPE 5B, LED	EA	3.00	\$2,200.00	\$6,600.00	\$1,169.00	\$3,507.00	\$1,169.00	\$3,507.00	\$1,286.00	\$3,858.00
902-32.35	POST, TYPE C, 35 FT.	EA	1.00	\$7,000.00	\$7,000.00	\$4,504.00	\$4,504.00	\$4,504.00	\$4,504.00	\$4,954.00	\$4,954.00
902-32.40	POST, TYPE C, 40 FT.	EA	2.00	\$7,500.00	\$15,000.00	\$6,044.00	\$12,088.00	\$6,044.00	\$12,088.00	\$6,648.00	\$13,296.00
902-32.42	POST, TYPE C, 42 FT.	EA	1.00	\$8,000.00	\$8,000.00	\$6,419.00	\$6,419.00	\$6,419.00	\$6,419.00	\$7,061.00	\$7,061.00
902-42.83	CONTROLLER ASSEMBLY HOUSING, NEMA TS2 CONTROLLER	EA	1.00	\$12,500.00	\$12,500.00	\$12,669.00	\$12,669.00	\$12,669.00	\$12,669.00	\$13,935.00	\$13,935.00
902-50.20	CONDUIT, 1", LOOP DETECTOR	LF	178.00	\$10.00	\$1,780.00	\$7.2					