



PROJECT: PRIDE PARKWAY/SAWMILL DRIVE TRAFFIC SIGNAL PROJECT
 CITY OF TAYLOR MILL, KENTON COUNTY, KY
 PROJECT: 160150

PRELIMINARY OPINION OF CONSTRUCTION COST

Bid Date 12/8/2016

ENGINEER'S ESTIMATE

BLUEGRASS ELECTRICAL

BANSAL CONSTRUCTION

DAVIS H. ELLIOT

ATKINS & STANG

NEW TRAFFIC SIGNALS														
ITEM NO.	SPEC. NO.	ITEM	Estimated Quantity	Unit of Measure	Unit Cost Total	Total Amount Bid	Unit Cost Total	Total Amount Bid	Unit Cost Total	Total Amount Bid	Unit Cost Total	Total Amount Bid	Unit Cost Total	Total Amount Bid
1	2562	SIGNS (CONTRACTOR TO SUPPLY SIGNS)	45	SF	\$77.00	\$3,465.00	\$37.00	\$1,665.00	\$8.00	\$360.00	\$25.00	\$1,125.00	\$17.10	\$769.50
2	2650	MAINTAIN & CONTROL TRAFFIC (5%)	1	LS	\$10,000.00	\$10,000.00	\$8,000.00	\$8,000.00	\$2,500.00	\$2,500.00	\$12,500.00	\$12,500.00	\$13,896.50	\$13,896.50
3	2775	FLASHING ARROW	2	EA	\$500.00	\$1,000.00	\$300.00	\$600.00	\$450.00	\$900.00	\$100.00	\$200.00	\$430.00	\$860.00
4	4761	LIGHTING CONTROL EQUIPMENT	1	EA	\$2,000.00	\$2,000.00	\$3,500.00	\$3,500.00	\$750.00	\$750.00	\$2,500.00	\$2,500.00	\$2,290.00	\$2,290.00
5	4780	FUSED CONNECTOR KIT	3	EA	\$150.00	\$450.00	\$95.00	\$285.00	\$100.00	\$300.00	\$100.00	\$300.00	\$75.00	\$225.00
6	4792	CONDUIT - 1 INCH	80	LF	\$8.00	\$640.00	\$7.00	\$560.00	\$4.25	\$340.00	\$2.50	\$200.00	\$12.60	\$1,008.00
7	4794	CONDUIT - 1 1/2 INCH	500	LF	\$9.00	\$4,500.00	\$9.70	\$4,850.00	\$5.60	\$2,800.00	\$3.75	\$1,875.00	\$5.25	\$2,625.00
8	4795	CONDUIT - 2 INCH	735	LF	\$10.00	\$7,350.00	\$10.00	\$7,350.00	\$6.40	\$4,704.00	\$4.75	\$3,491.25	\$5.50	\$4,042.50
9	4797	CONDUIT - 3 INCH	30	LF	\$15.00	\$450.00	\$15.00	\$450.00	\$12.15	\$364.50	\$10.00	\$300.00	\$39.95	\$1,198.50
10	4799	CONDUIT - 4 INCH	235	LF	\$18.50	\$4,347.50	\$20.00	\$4,700.00	\$16.90	\$3,971.50	\$13.75	\$3,231.25	\$19.80	\$4,653.00
11	4820	TRENCHING AND BACKFILLING	1570	LF	\$4.00	\$6,280.00	\$3.50	\$5,495.00	\$9.75	\$15,307.50	\$5.00	\$7,850.00	\$52.70	\$82,739.00
12	4830	LOOP WIRE	3210	LF	\$1.00	\$3,210.00	\$1.00	\$3,210.00	\$1.35	\$4,333.50	\$0.25	\$802.50	\$3.90	\$12,519.00
13	4835	WIRE - NO. 4	2020	LF	\$1.80	\$3,636.00	\$1.85	\$3,737.00	\$1.90	\$3,838.00	\$1.00	\$2,020.00	\$1.60	\$3,232.00
14	4842	CABLE - NO. 14 / 3C	1050	LF	\$1.50	\$1,575.00	\$1.50	\$1,575.00	\$1.50	\$1,575.00	\$0.50	\$525.00	\$1.60	\$1,680.00
15	4844	CABLE - NO. 14 / 5C	4100	LF	\$1.50	\$6,150.00	\$1.50	\$6,150.00	\$1.65	\$6,765.00	\$0.75	\$3,075.00	\$1.70	\$6,970.00
16	4850	CABLE - NO. 14 / 1 PAIR	3500	LF	\$1.50	\$5,250.00	\$1.50	\$5,250.00	\$1.95	\$6,825.00	\$1.00	\$3,500.00	\$1.45	\$5,075.00
17	4895	LOOP SAW SLOT AND FILL	1500	LF	\$10.00	\$15,000.00	\$10.00	\$15,000.00	\$13.00	\$19,500.00	\$10.00	\$15,000.00	\$14.50	\$21,750.00
18	4931	INSTALL SIG CONTROLLER - TYPE 170	1	EA	\$3,000.00	\$3,000.00	\$3,500.00	\$3,500.00	\$4,590.00	\$4,590.00	\$12,333.75	\$12,333.75	\$4,035.00	\$4,035.00
19	20093NS835	INSTALL PEDESTRIAN HEAD LED	8	EA	\$300.00	\$2,400.00	\$250.00	\$2,000.00	\$225.00	\$1,800.00	\$750.00	\$6,000.00	\$180.00	\$1,440.00
20	20188NS835	INSTALL SIGNAL - 3 SECTION LED	10	EA	\$300.00	\$3,000.00	\$250.00	\$2,500.00	\$540.00	\$5,400.00	\$500.00	\$5,000.00	\$255.00	\$2,550.00
21	20391NS835	ELECTRICAL JUNCTION BOX TYPE A	13	EA	\$600.00	\$7,800.00	\$750.00	\$9,750.00	\$750.00	\$9,750.00	\$1,000.00	\$13,000.00	\$900.00	\$11,700.00
22	21743NN	INSTALL PEDESTRIAN DETECTOR	8	EA	\$100.00	\$800.00	\$75.00	\$600.00	\$275.00	\$2,200.00	\$125.00	\$1,000.00	\$210.00	\$1,680.00



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23	22631INN	MAST ARM POLE	4	EA	\$30,000.00	\$120,000.00	\$20,000.00	\$80,000.00	\$18,750.00	\$75,000.00	\$27,600.00	\$110,400.00	\$16,800.00	\$67,200.00
24	23052NN	INSTALL SPAN MOUNTED SIGN	6	EA	\$375.00	\$2,250.00	\$250.00	\$1,500.00	\$410.00	\$2,460.00	\$250.00	\$1,500.00	\$250.00	\$1,500.00
25	23157EN	TRAFFIC SIGNAL POLE BASE	17.3	CY	\$1,000.00	\$17,300.00	\$975.00	\$16,867.50	\$750.00	\$12,975.00	\$150.00	\$2,595.00	\$740.00	\$12,802.00
26	23222EC	SIGNAL PEDESTAL	3	EA	\$3,000.00	\$9,000.00	\$2,800.00	\$8,400.00	\$4,250.00	\$12,750.00	\$2,500.00	\$7,500.00	\$2,515.00	\$7,545.00
27	23230EC	ILLUMINATED STREET SIGN	6	EA	\$3,200.00	\$19,200.00	\$3,100.00	\$18,600.00	\$2,750.00	\$16,500.00	\$5,500.00	\$33,000.00	\$2,585.00	\$15,510.00
28	23982EC	INSTALL ANTENNA	1	EA	\$500.00	\$500.00	\$950.00	\$950.00	\$875.00	\$875.00	\$1,500.00	\$1,500.00	\$365.00	\$365.00
29	6530	PAVE STRIPING REMOVAL - 4 IN	35	LF	\$1.00	\$35.00	\$17.25	\$603.75	\$14.40	\$504.00	\$2.50	\$87.50	\$19.75	\$691.25
30	6533	PAVE STRIPING REMOVAL - 12 IN	30	LF	\$1.00	\$30.00	\$35.65	\$1,069.50	\$43.20	\$1,296.00	\$5.00	\$150.00	\$41.50	\$1,245.00
31	6566	PAVE MARKING - THERMO X-WALK - 12 IN	375	LF	\$5.00	\$1,875.00	\$5.15	\$1,931.25	\$4.00	\$1,500.00	\$8.75	\$3,281.25	\$4.95	\$1,856.25
32	6568	PAVE MARKING - THERMO STOP BAR - 24 IN	115	LF	\$9.00	\$1,035.00	\$10.25	\$1,178.75	\$10.00	\$1,150.00	\$5.50	\$632.50	\$9.85	\$1,132.75
33	21373ND	REMOVE SIGN	2	EA	\$150.00	\$300.00	\$250.00	\$500.00	\$35.00	\$70.00	\$250.00	\$500.00	\$165.00	\$330.00
		TOTAL				\$263,828.50		\$222,327.75		\$223,954.00		\$256,975.00		\$297,115.25