



PROJECT: KEMPER ROAD AT HANOVER DRIVE IMPROVEMENTS
CITY OF FOREST PARK, OH
Project #: 170325
BID TABULATION

ENGINEER'S ESTIMATE

ELEX, INC.

BANSAL CONSTRUCTION

CAPITAL ELECTRIC

Item No.	Ref No.	Item	Est. Qty.	Units of Measure	Unit Cost	Total Unit Cost	Unit Cost	Total Unit Cost	Unit Cost	Total Unit Cost	Unit Cost	Total Unit Cost
		TRAFFIC SIGNAL										
1	202E30000	WALK REMOVED	35	SF	\$2.00	\$70.00	\$12.00	\$420.00	\$5.00	\$175.00	\$25.43	\$890.05
2	625E25408	CONDUIT, 2", 725.051	65	FT	\$4.25	\$276.25	\$7.00	\$455.00	\$2.90	\$188.50	\$6.28	\$408.20
3	625E25504	CONDUIT, 3", 725.051	5	FT	\$8.50	\$42.50	\$18.00	\$90.00	\$5.50	\$27.50	\$27.18	\$135.90
4	625E25604	CONDUIT, 4", 725.051	20	FT	\$10.00	\$200.00	\$9.50	\$190.00	\$6.25	\$125.00	\$22.27	\$445.40
5	625E29000	TRENCH	40	FT	\$7.50	\$300.00	\$18.00	\$720.00	\$9.50	\$380.00	\$54.47	\$2,178.80
6	625E29501	TRENCH IN PAVED AREA, TYPE A, AS PER PLAN	40	FT	\$40.00	\$1,600.00	\$33.50	\$1,340.00	\$25.00	\$1,000.00	\$109.37	\$4,374.80
7	625E30700	PULLBOX, 725.08, 18"	3	EA	\$725.00	\$2,175.00	\$850.00	\$2,550.00	\$625.00	\$1,875.00	\$966.16	\$2,898.48
8	625E30706	PULLBOX, 725.08, 24"	1	EA	\$875.00	\$875.00	\$955.00	\$955.00	\$830.00	\$830.00	\$1,047.36	\$1,047.36
9	625E32000	GROUND ROD	9	EA	\$225.00	\$2,025.00	\$220.00	\$1,980.00	\$275.00	\$2,475.00	\$237.39	\$2,136.51
10	630E79000	SIGN HANGER ASSEMBLY, SPAN WIRE	4	EA	\$250.00	\$1,000.00	\$205.00	\$820.00	\$275.00	\$1,100.00	\$175.15	\$700.60
11	630E80100	SIGN, FLAT SHEET	25	SQ FT	\$17.50	\$437.50	\$20.00	\$500.00	\$19.00	\$475.00	\$26.18	\$654.50
12	630E83000	COVERING OF SIGN	25	SQ FT	\$7.50	\$187.50	\$6.00	\$150.00	\$8.00	\$200.00	\$1.69	\$42.25
13	632E05007	VEHICULAR SIGNAL HEAD, (LED), 3 SECTION, 12" LENS, 1-WAY, POLYCARBONATE, BLACK, AS PER PLAN	10	EA	\$850.00	\$8,500.00	\$770.00	\$7,700.00	\$790.00	\$7,900.00	\$763.60	\$7,636.00
14	632E20731	PEDESTRIAN SIGNAL HEAD (LED), TYPE D2, COUNTDOWN, AS PER PLAN	8	EA	\$500.00	\$4,000.00	\$630.00	\$5,040.00	\$495.00	\$3,960.00	\$570.29	\$4,562.32
15	632E25000	COVERING OF VEHICULAR SIGNAL HEAD	10	EA	\$40.00	\$400.00	\$5.00	\$50.00	\$25.00	\$250.00	\$11.56	\$115.60
16	632E25010	COVERING OF PEDESTRIAN SIGNAL HEAD	8	EA	\$30.00	\$240.00	\$5.00	\$40.00	\$25.00	\$200.00	\$9.87	\$78.96
17	632E26001	PEDESTRIAN PUSHBUTTON, AS PER PLAN	4	EA	\$275.00	\$1,100.00	\$225.00	\$900.00	\$250.00	\$1,000.00	\$255.95	\$1,023.80
18	632E30200	MESSENGER WIRE, 7 STRAND, 3/8" DIAMETER WITH ACCESSORIES	305	FT	\$10.00	\$3,050.00	\$6.20	\$1,891.00	\$11.00	\$3,355.00	\$24.52	\$7,478.60
19	632E40500	SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG	1805	FT	\$2.25	\$4,061.25	\$2.50	\$4,512.50	\$1.80	\$3,249.00	\$2.45	\$4,422.25
20	632E40700	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG	570	FT	\$2.75	\$1,567.50	\$2.70	\$1,539.00	\$2.10	\$1,197.00	\$2.68	\$1,527.60
21	632E64000	STRAIN POLE FOUNDATION	4	EA	\$4,000.00	\$16,000.00	\$3,915.00	\$15,660.00	\$4,250.00	\$17,000.00	\$5,253.41	\$21,013.64
22	632E64020	PEDESTAL FOUNDATION	4	EA	\$775.00	\$3,100.00	\$740.00	\$2,960.00	\$1,250.00	\$5,000.00	\$1,723.53	\$6,894.12
23	632E68200	POWER CABLE, 2 CONDUCTOR, NO. 6 AWG	245	FT	\$2.75	\$673.75	\$3.20	\$784.00	\$2.50	\$612.50	\$3.17	\$776.65
24	632E68300	POWER CABLE, 3 CONDUCTOR, NO. 6 AWG	45	FT	\$4.00	\$180.00	\$5.00	\$225.00	\$3.15	\$141.75	\$3.82	\$171.90
25	632E69800	SERVICE CABLE, 3 CONDUCTOR, NO. 6 AWG	105	FT	\$4.00	\$420.00	\$1.00	\$105.00	\$3.15	\$330.75	\$3.82	\$401.10
26	632E70001	POWER SERVICE, AS PER PLAN	1	EA	\$2,500.00	\$2,500.00	\$2,020.00	\$2,020.00	\$2,850.00	\$2,850.00	\$2,916.70	\$2,916.70



engineers
architects
planners

PROJECT: KEMPER ROAD AT HANOVER DRIVE IMPROVEMENTS
CITY OF FOREST PARK, OH
Project #: 170325
BID TABULATION

ENGINEER'S ESTIMATE

ELEX, INC.

BANSAL CONSTRUCTION

CAPITAL ELECTRIC

Item No.	Ref No.	Item	Est. Qty.	Units of Measure	Unit Cost	Total Unit Cost	Unit Cost	Total Unit Cost	Unit Cost	Total Unit Cost	Unit Cost	Total Unit Cost
27	632E83501	STRAIN POLE, TYPE TC-81.10, DESIGN 5, INSTALLATION ONLY, AS PER PLAN	4	EA	\$1,500.00	\$6,000.00	\$1,920.00	\$7,680.00	\$1,725.00	\$6,900.00	\$1,632.35	\$6,529.40
28	632E89801	PEDESTAL, 3', TRANSFORMER BASE, AS PER PLAN	4	EA	\$500.00	\$2,000.00	\$310.00	\$1,240.00	\$565.00	\$2,260.00	\$584.99	\$2,339.96
29	632E90101	REMOVAL OF TRAFFIC SIGNAL INSTALLATION, AS PER PLAN	1	EA	\$4,000.00	\$4,000.00	\$4,125.00	\$4,125.00	\$3,800.00	\$3,800.00	\$9,946.25	\$9,946.25
30	632E90400	SIGNALIZATION MISC.: REFINISH SIGNAL SUPPORT	4	EA	\$2,500.00	\$10,000.00	\$1,430.00	\$5,720.00	\$1,475.00	\$5,900.00	\$1,781.53	\$7,126.12
31	633E01541	CONTROLLER UNIT, TYPE TS2/A2, WITH CABINET, TYPE TS1, AS PER PLAN	1	EA	\$15,000.00	\$15,000.00	\$22,605.00	\$22,605.00	\$22,500.00	\$22,500.00	\$23,331.08	\$23,331.08
32	633E67101	CABINET FOUNDATION, AS PER PLAN	1	EA	\$2,500.00	\$2,500.00	\$1,835.00	\$1,835.00	\$760.00	\$760.00	\$2,613.48	\$2,613.48
33	633E67201	CONTROLLER WORK PAD, AS PER PLAN	1	EA	\$1,500.00	\$1,500.00	\$765.00	\$765.00	\$650.00	\$650.00	\$1,526.33	\$1,526.33
34	633E75001	UNINTERRUPTIBLE POWER SUPPLY (UPS), 1000 WATT, AS PER PLAN	1	EA	\$5,000.00	\$5,000.00	\$6,490.00	\$6,490.00	\$6,780.00	\$6,780.00	\$6,968.35	\$6,968.35
35	816E69101	STOP BAR DETECTION RADAR, AS PER PLAN	2	EA	\$7,500.00	\$15,000.00	\$7,220.00	\$14,440.00	\$7,070.00	\$14,140.00	\$7,223.55	\$14,447.10
TRAFFIC SIGNAL PROJECT TOTAL						\$115,981.25		\$118,496.50		\$119,587.00		\$149,760.16
*ENGINEER'S OPINION OF CONSTRUCTION COST, INCLUDING CONTINGENCIES						\$125,000.00						