

REF. ITEM		ENGINEER'S ESTIMATE				1. Perram Electric, Inc.		2. Thompson Electric Inc.		
NO.	NO.	DESCRIPTION	QTY.	UNIT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
1	103.05	Contract Performance Bond	1	L.S.	\$1,000.00	\$1,000.00	\$320.00	\$320.00	\$616.00	\$616.00
2	202	Wearing Course Removed	900	S.Y.	\$1.50	\$1,350.00	\$5.00	\$4,500.00	\$4.95	\$4,455.00
3	404	Asphalt Concrete, 2" Thick	50	C.Y.	\$106.00	\$5,300.00	\$300.00	\$15,000.00	\$198.00	\$9,900.00
4	407	Tack Coat	171	GAL.	\$2.00	\$342.00	\$5.00	\$855.00	\$1.65	\$282.15
5	455	Curb, Type 6" X 18"	100	L.F.	\$19.50	\$1,950.00	\$35.00	\$3,500.00	\$45.00	\$4,500.00
6	456	Concrete Walk, 6 inches Thick	1200	S.F.	\$5.20	\$6,240.00	\$6.50	\$7,800.00	\$8.00	\$9,600.00
7	456	Curb Ramps	2	EACH	\$420.00	\$840.00	\$500.00	\$1,000.00	\$1,400.00	\$2,800.00
8	614	Maintaining Traffic	1	L.S.	\$1,000.00	\$1,000.00	\$750.00	\$750.00	\$4,300.00	\$4,300.00
9	623	Construction Layout Stakes	1	L.S.	\$300.00	\$300.00	\$750.00	\$750.00	\$1,200.00	\$1,200.00
10	624	Mobilization	1	L.S.	\$1,000.00	\$1,000.00	\$3,400.00	\$3,400.00	\$4,000.00	\$4,000.00
11	625	Pullbox, Polymer Concrete, 13"x24"x18"	3	EACH	\$425.00	\$1,275.00	\$485.00	\$1,455.00	\$425.00	\$1,275.00
12	625	Pullbox, Polymer Concrete, 24"x36"x24"	4	EACH	\$700.00	\$2,800.00	\$830.00	\$3,320.00	\$740.00	\$2,960.00
13	625	Trench in Paved Areas, Type A	85	L.F.	\$11.00	\$935.00	\$10.00	\$850.00	\$45.00	\$3,825.00
14	625	Trench in Paved Areas, Type B	90	L.F.	\$11.00	\$990.00	\$20.00	\$1,800.00	\$62.00	\$5,580.00
15	625	Conduit, Schedule 40, PVC, 2"	190	L.F.	\$2.50	\$475.00	\$5.85	\$1,111.50	\$2.80	\$532.00
16	625	Conduit, Schedule 40, PVC, 3" No. 4 AWG, Type XLP/USE Copper 600 Volt	115	L.F.	\$3.50	\$402.50	\$6.30	\$724.50	\$4.30	\$494.50
17	625	Distribution Cable	600	L.F.	\$1.00	\$600.00	\$2.00	\$1,200.00	\$2.25	\$1,350.00
18	625	No. 10 AWG, Type THHN Pole and Bracket Cable	80	L.F.	\$1.00	\$80.00	\$1.85	\$148.00	\$1.40	\$112.00
19	625	Connector Kit, Type II Underground Cable Splices, or 4-Unit Mole	1	EACH	\$60.00	\$60.00	\$135.00	\$135.00	\$58.00	\$58.00
20	625	Connectors	3	EACH	\$90.00	\$270.00	\$101.70	\$305.10	\$68.00	\$204.00
21	625	Ground Rods	3	EACH	\$115.00	\$345.00	\$165.00	\$495.00	\$115.00	\$345.00
22	625	250W HPS Luminaire	1	EACH	\$300.00	\$300.00	\$265.00	\$265.00	\$320.00	\$320.00
23	630	Traffic Sign Reset	3	EACH	\$125.00	\$375.00	\$135.00	\$405.00	\$78.00	\$234.00
24	632	Vehicular Signal Head, LED, 3-Section, 12 inch Lens Pedestrian Signal Head, LED, Type D2 Hand/Man	3	EACH	\$600.00	\$1,800.00	\$553.00	\$1,659.00	\$725.00	\$2,175.00
25	632	Side-by-Side	2	EACH	\$365.00	\$730.00	\$347.00	\$694.00	\$415.00	\$830.00
26	632	Pedestrian Push-button	2	EACH	\$110.00	\$220.00	\$160.00	\$320.00	\$120.00	\$240.00
27	632	Signal Support Foundation	2	EACH	\$2,000.00	\$4,000.00	\$1,980.00	\$3,960.00	\$2,130.00	\$4,260.00
28	632	Signal Support, Type TC-81.20, Design 3	1	EACH	\$5,150.00	\$5,150.00	\$4,435.00	\$4,435.00	\$5,675.00	\$5,675.00
29	632	Combination Signal Support, Type TC-81.20, Design 3	1	EACH	\$5,850.00	\$5,850.00	\$5,790.00	\$5,790.00	\$7,250.00	\$7,250.00
30	632	Signal Cable, 7-Conductor, No. 14 AWG Stranded Power Cable, 2-Conductor, No. 6 AWG, Type	1000	L.F.	\$1.55	\$1,550.00	\$1.60	\$1,600.00	\$1.75	\$1,750.00
31	632	XLP/USE	240	L.F.	\$2.00	\$480.00	\$2.45	\$588.00	\$2.85	\$684.00
32	632	Covering of Vehicular Signal Head	3	EACH	\$20.00	\$60.00	\$10.00	\$30.00	\$32.00	\$96.00
33	632	Covering of Pedestrian Signal Head	2	EACH	\$15.00	\$30.00	\$5.00	\$10.00	\$22.00	\$44.00
34	632	Removal of Traffic Signal Installation	1	EACH	\$600.00	\$600.00	\$1,840.00	\$1,840.00	\$2,190.00	\$2,190.00
35	632	Power Service	2	EACH	\$1,150.00	\$2,300.00	\$75.00	\$150.00	\$1,260.00	\$2,520.00
36	633	Cabinet Foundation	1	EACH	\$1,350.00	\$1,350.00	\$1,300.00	\$1,300.00	\$1,270.00	\$1,270.00
37	633	Controller Unit w/ Cabinet Reset	1	EACH	\$1,500.00	\$1,500.00	\$675.00	\$675.00	\$1,030.00	\$1,030.00
TOTAL CONSTRUCTION COSTS						\$53,849.50	\$73,140.10	\$88,956.65		
+/- ENGINEER'S ESTIMATE								+35.8%	+65.2%	