

Construction Cost Estimate

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
TRAFFIC SIGNALS					
625	CONNECTION, FUSED, PULL APART	24	EA	\$110.00	\$2,640.00
625	CONNECTION, UNFUSED, PULL APART	8	EA	\$110.00	\$880.00
625	NO. 6 AWG 2400 VOLT DISTRIBUTION CABLE	3300	FT	\$4.00	\$13,200.00
625	NO. 10 AWG POLE AND BRACKET CABLE	880	FT	\$2.00	\$1,760.00
625	CONDUIT, 2", 725.051, AS PER PLAN	151	FT	\$10.00	\$1,510.00
625	CONDUIT, 3", 725.051, AS PER PLAN	85	FT	\$15.00	\$1,275.00
625	CONDUIT, 4", 725.051, AS PER PLAN	30	FT	\$20.00	\$600.00
625	CONDUIT, JACKED OR DRILLED, 725.052, 3"	131	FT	\$45.00	\$5,895.00
625	CONDUIT, JACKED OR DRILLED, 725.052, 4"	239	FT	\$50.00	\$11,950.00
625	LUMINAIRE DECORATIVE, AS PER PLAN	16	EA	\$1,000.00	\$16,000.00
625	TRENCH	111	FT	\$15.00	\$1,665.00
625	TRENCH IN PAVED AREA, AS PER PLAN	102	FT	\$100.00	\$10,200.00
625	PULL BOX, MISC.: 725.06, SIZE 7	6	EA	\$1,150.00	\$6,900.00
625	PULL BOX, MISC.: 725.06, SIZE 18	2	EA	\$1,750.00	\$3,500.00
625	GROUND ROD	18	EA	\$350.00	\$6,300.00
625	UNDERGROUND WARNING/MARKING TAPE	213	FT	\$3.00	\$639.00
625	ARC FLASH CALCULATIONS AND LABEL	2	EA	\$3,000.00	\$6,000.00
630	SIGN HANGER ASSEMBLY, MAST ARM, AS PER PLAN	2	EA	\$450.00	\$900.00
630	SIGN SUPPORT ASSEMBLY, POLE MOUNTED, AS PER PLAN	8	EA	\$350.00	\$2,800.00
630	SIGN, FLAT SHEET	58.0	SF	\$20.00	\$1,160.00
632	VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS, 1-WAY, POLYCARBONATE	14	EA	\$1,150.00	\$16,100.00
632	VEHICULAR SIGNAL HEAD, (LED), 5-SECTION, 12" LENS, 1-WAY, POLYCARBONATE	2	EA	\$1,650.00	\$3,300.00
632	PEDESTRIAN SIGNAL HEAD (LED), TYPE D2, COUNTDOWN, AS PER PLAN	16	EA	\$650.00	\$10,400.00
632	COVERING OF VEHICULAR SIGNAL HEAD	16	EA	\$65.00	\$1,040.00
632	COVERING OF PEDESTRIAN SIGNAL HEAD	16	EA	\$50.00	\$800.00
632	PEDESTRIAN PUSHBUTTON, AS PER PLAN	16	EA	\$350.00	\$5,600.00
632	SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG	1956	FT	\$3.50	\$6,846.00
632	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG	1323	FT	\$4.00	\$5,292.00
632	SIGNAL SUPPORT FOUNDATION, AS PER PLAN	8	EA	\$6,500.00	\$52,000.00
632	PEDESTAL FOUNDATION	6	EA	\$1,000.00	\$6,000.00
632	TEST HOLE PERFORMED	2	EA	\$1,000.00	\$2,000.00
632	LOOP DETECTOR LEAD-IN CABLE	3097	FT	\$2.00	\$6,194.00
632	POWER CABLE, 2 CONDUCTOR, NO. 6 AWG	526	FT	\$5.00	\$2,630.00
632	POWER SERVICE, AS PER PLAN	2	EA	\$4,000.00	\$8,000.00
632	CONDUIT RISER, 2" DIAMETER	1	EA	\$750.00	\$750.00
632	COMBINATION SIGNAL SUPPORT, TYPE TC-81.22, DESIGN 2, AS PER PLAN	6	EA	\$22,000.00	\$132,000.00
632	COMBINATION SIGNAL SUPPORT, TYPE TC-81.22, DESIGN 4, AS PER PLAN	2	EA	\$25,000.00	\$50,000.00
632	PEDESTAL, 8', AS PER PLAN	6	EA	\$4,000.00	\$24,000.00
632	REMOVAL OF TRAFFIC SIGNAL INSTALLATION, AS PER PLAN	2	EA	\$3,500.00	\$7,000.00
633	GPS (GLOBAL POSITIONING SYSTEM) CLOCK ASSEMBLY, AS PER PLAN	5	EA	\$750.00	\$3,750.00
633	CABINET, TYPE TS-2, AS PER PLAN	2	EA	\$16,000.00	\$32,000.00
633	CABINET FOUNDATION, AS PER PLAN	2	EA	\$3,000.00	\$6,000.00
633	CONTROLLER WORK PAD	1	EA	\$600.00	\$600.00
633	UNINTERRUPTIBLE POWER SUPPLY (UPS), 1000 WATT, AS PER PLAN	2	EA	\$7,000.00	\$14,000.00
809	STOP LINE RADAR DETECTION, AS PER PLAN	6	EA	\$8,750.00	\$52,500.00
809	ATC CONTROLLER, AS PER PLAN	2	EA	\$5,000.00	\$10,000.00
809	EMERGENCY VEHICLE PREEMPTION, AS PER PLAN	2	EA	\$1,500.00	\$3,000.00
809	PREEMPT RECEIVING UNIT, AS PER PLAN	8	EA	\$1,000.00	\$8,000.00
809	PREEMPT DETECTOR CABLE, AS PER PLAN	1205	FT	\$3.00	\$3,615.00
809	PREEMPT PHASE SELECTOR, AS PER PLAN	2	EA	\$4,500.00	\$9,000.00
809	PREEMPT CONFIRMATION LIGHT, AS PER PLAN	8	EA	\$600.00	\$4,800.00
TRAFFIC SIGNAL SUBTOTAL					\$582,991.00
MAINTENANCE OF TRAFFIC					
614	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE	16	HR	\$88.00	\$1,408.00

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ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
		MAINTENANCE OF TRAFFIC SUBTOTAL			\$1,408.00
	MISCELLANEOUS				
614	MAINTAINING TRAFFIC	1	LS	\$25,000.00	\$25,000.00
623	CONSTRUCTION LAYOUT STAKES AND SURVEYING	1	LS	\$5,000.00	\$5,000.00
624	MOBILIZATION	1	LS	\$10,000.00	\$10,000.00
		MISCELLANEOUS SUBTOTAL			\$40,000.00
		PROBABLE TOTAL CONSTRUCTION COSTS			\$624,399.00
	CONSTRUCTION CONTINGENCY				
	10% OF TOTAL CONSTRUCTION COST				\$62,439.90
		PROBABLE TOTAL PROJECT COSTS			\$686,838.90

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