



ESTIMATE NO: ???
 REF # ??-??
 TOTAL \$79,921.95

UPC: 98392

M	Contract Line #	SM Line #	Item Number	Spec Number	Item Description	Unit	QUAN	UNIT PRICE	AMOUNT
	0010	0010	00124	ATTD	ROCK EXCAVATION	CY	1.00	\$600.00	\$600.00
	0020	0020	00525	302 504	CONCRETE CLASS A3 MISC.	CY		\$350.00	
	0030	0030	10122	308 309	AGGR. BASE MATL. TY. I NO. 21A OR 21B	CY		\$92.00	
	0040	0040	13220	504	HYDRAULIC CEMENT CONC. SIDEWALK 4"	SY		\$119.00	
	0050	0050	13315	505	GUARDRAIL TERMINAL GR-11	EA		\$1,155.00	
	0060	0060	13320	505	GUARDRAIL GR-2	LF		\$32.35	
	0070	0070	13331	505	RAD. GUARDRAIL TERMINAL GR-2	LF		\$34.65	
	0080	0080	13345	505	ALTERNATE BREAKAWAY CABLE TERMINAL (GR-9)	EA		\$3,465.00	
	0090	0090	17374	ATTD	EMERGENCY MOBILATION	EA		\$516.00	
	0100	0100	24272	512	TRUCK MOUNTED ATTENUATOR	HR	60.00	\$25.00	\$1,500.00
	0110	0110	24278	512	GROUP 2 CHANNELIZING DEVICES	DAY	100.00	\$0.55	\$55.00
	0120	0120	24279	512	PORTABLE CHANGEABLE MESSAGE SIGN	HR		\$20.00	
	0130	0130	24281	512	ELECTRONIC ARROW	HR		\$10.00	
	0140	0140	24282	512	FLAGGER SERVICE	HR	200.00	\$29.80	\$5,960.00
	0150	0150	24288	512	WARNING LIGHT TY. B	DAY		\$0.01	
	0160	0160	24740	ATTD	RECONSTRUCT EXIST. ASPHALT CONCRETE PATCH	CY		\$210.00	
	0170	0170	24740	ATTD	RECONSTRUCT EXIST. HYDRAULIC CEMENT CONCRETE PATCH	CY		\$245.00	
	0180	0180	27505	303	TEMP. SILT FENCE	LF	50.00	\$2.65	\$132.50
	0190	0190	50404	700	SIGN POST STEEL 4"	LF		\$48.00	
	0200	0200	50902	ATTD	TRAFFIC SIGN MAST ARM STREET NAME SIGN	EA		\$286.00	
	0210	0210	50502	700	CONC. FOUND., SSP-V A 1'9" DIA. X 4'6" DEPTH	EA		\$397.40	
	0220	0220	51163	703	FLASHER	EA	1.00	\$810.00	\$810.00
	0230	0230	51170	700	ELECTRICAL SERVICE SE-5	EA		\$2,370.00	
	0240	0240	51198	703	PEDESTRIAN ACTUATION PA-2	EA		\$193.75	
	0250	0250	51210	700	PEDESTAL POLE PF-2 10'	EA		\$547.50	
	0260	0260	51238	700	CONCRETE FOUNDATION SIGNAL POLE PF-8	CY	7.00	\$700.00	\$4,900.00
	0270	0270	51240	700	CONCRETE FOUNDATION PF-2	EA		\$536.65	
	0280	0280	51245	700	CONCRETE FOUND. CF-1	EA		\$1,214.00	
	0290	0290	51248	700	CONCRETE FOUND. CF-4	EA		\$1,397.00	
	0300	0300	51248	700	CONCRETE FOUNDATION PF-2 MODIFIED	EA		\$649.70	
	0310	0310	51248	PLAN	CONC. FOUNDATION SOLAR FOUNDATION	EA		\$2,700.00	
	0320	0320	51425	ATTD	SIGNAL POLE MAST ARM 30'	EA		\$1,729.00	
	0330	0330	51425	ATTD	SIGNAL POLE MAST ARM 40'	EA		\$2,190.00	
	0340	0340	51425	ATTD	SIGNAL POLE MAST ARM 50'	EA		\$2,894.00	
	0350	0350	51425	ATTD	SIGNAL POLE MAST ARM 60'	EA	1.00	\$4,453.00	\$4,453.00
	0360	0360	51425	ATTD	SIGNAL POLE MAST ARM 65'	EA		\$4,983.00	
	0370	0370	51425	ATTD	SIGNAL POLE MAST ARM 70'	EA		\$5,225.00	
	0380	0380	51425	ATTD	SIGNAL POLE MAST ARM 75'	EA		\$5,575.00	
	0390	0390	51425	ATTD	SIGNAL POLE MAST ARM POLE TYPE I	EA	1.00	\$6,205.00	\$6,205.00
	0400	0400	51425	ATTD	SIGNAL POLE MAST ARM POLE TYPE II	EA		\$7,113.00	
	0410	0410	51425	ATTD	SIGNAL POLE MAST ARM POLE TYPE III	EA		\$7,833.00	
	0420	0420	51425	ATTD	SIGNAL POLE MAST ARM POLE TYPE IV	EA		\$9,196.00	
	0430	0430	51425	700	SIGNAL POLE PEDESTAL POLE PF-2 18'	EA		\$863.00	
	0440	0440	51425	500	SIGNAL POLE REMOVE EXISTING POLE	EA		\$458.00	
	0450	0450	51425	ATTD	SIGNAL POLE STRAIN POLE TYPE I, 28'	EA		\$5,320.00	
	0460	0460	51460	700	WOOD POLE CL. 4 40'	EA		\$1,283.00	
	0470	0470	51540	703	LOOP DETECTOR AMPLIFIER	EA		\$230.00	
	0480	0480	51602	700	14/4 CONDUCTOR CABLE	LF	180.00	\$2.00	\$360.00
	0490	0490	51607	700	14/7 CONDUCTOR CABLE	LF		\$2.30	
	0500	0500	51614	700	CONDUCTOR CABLE CONDUCTOR CABLE #8 BOND WIRE	LF	150.00	\$0.95	\$142.50
	0510	0510	51614	700	CONDUCTOR CABLE CONDUCTOR CABLE 8/1	LF	540.00	\$0.95	\$513.00
	0520	0520	51614	ATTD	CONDUCTOR CABLE COAXIAL	LF		\$2.00	
	0530	0530	51614	ATTD	CONDUCTOR CABLE CONDUCTOR CABLE EMERGENCY PREEMPTION	LF		\$1.20	
	0540	0540	51614	510	CONDUCTOR CABLE INSTALL COAXIAL CABLE	LF		\$0.50	
	0550	0550	51614	ATTD	CONDUCTOR CABLE INSTALL COMM CABLE	LF		\$0.50	
	0560	0560	51614	ATTD	CONDUCTOR CABLE POWER 16/3	LF		\$1.20	
	0570	0570	51614	ATTD	14/1 ENCLOSED CONDUCTOR CABLE	LF		\$0.90	
	0580	0580	51618	700	19/6 PAIR CONDUCTOR CABLE	LF		\$2.35	
	0590	0590	51700	700	14/2 CONDUCTOR CABLE SHIELDED	LF		\$1.20	
	0600	0600	51730	703	SPAN WIRE 1/2"	LF		\$3.00	
	0610	0610	51735	703	TETHER WIRE, 1/4"	LF		\$2.10	
	0620	0620	51822	703	HANGER ASSEMBLY SW-1 OR 2, ONE WAY	EA		\$134.25	
	0630	0630	51823	703	HANGER ASSEMBLY SW-1 OR 2, TWO WAY	EA		\$210.45	

M C	Contract Line #	SM Line #	Item Number	Spec Number	Item Description	Unit	QUAN	UNIT PRICE	AMOUNT
	0640	0640	51832	703	HANGER ASSEMBLY SMB-1 ONE WAY	EA		\$97.70	
	0650	0650	51840	703	HANGER ASSEMBLY SM-3 ONE WAY (CLUSTER)	EA		\$300.00	
	0660	0660	51840	703	HANGER ASSEMBLY SM-3 ONE WAY (IN-LINE)	EA	8.00	\$190.00	\$1,520.00
	0670	0670	51840	703	HANGER ASSEMBLY SMB-3, (PED) TWO WAY	EA		\$270.60	
	0680	0680	51840	703	HANGER ASSEMBLY SMD-1	EA		\$150.00	
	0690	0690	51840	703	HANGER ASSEMBLY SMD-2	EA		\$160.00	
	0700	0700	51912	703	SAW CUT 3/8"	LF		\$10.35	
	0710	0710	51913	703	SAW CUT 5/8"	LF		\$13.00	
	0720	0720	51951	510	INSTALL SIGN	EA		\$172.00	
	0730	0730	51960	510 ATTD	INSTALL COMM. SYS. INTERFACE REPEATER	EA		\$200.50	
	0740	0740	51960	510 ATTD	INSTALL DETECTOR CONTACT EXTENSION	EA		\$63.00	
	0750	0750	51960	510 ATTD	INSTALL DETECTOR CONTACT INTERFACE	EA		\$200.50	
	0760	0760	51960	510 ATTD	INSTALL EXTERNAL COMM. SYM. INTERFACE REPEATER	EA		\$171.85	
	0770	0770	51960	510 ATTD	INSTALL WIRELESS DETECTION SYSTEM	EA		\$230.00	
	0780	0780	51963	510	REMOVE CAMERA	EA		\$145.00	
	0790	0790	51963	510	REMOVE ELECTRICAL SERVICE	EA		\$315.00	
	0800	0800	51963	510	REMOVE EXISTING SIGN	EA		\$115.00	
	0810	0810	52001	ATTD	TRAFFIC SIGNALIZATION ANTENNA CABLE	LF		\$6.30	
	0820	0820	52001	ATTD	TRAFFIC SIGNALIZATION ANTENNA MAST	LF		\$28.80	
	0830	0830	52002	ATTD	TRAFFIC SIGNALIZATION CAMERA	EA		\$2,420.00	
	0840	0840	52002	ATTD	TRAFFIC SIGNALIZATION CONTROLLER TYPE I	EA		\$15,998.00	
	0850	0850	52002	ATTD	TRAFFIC SIGNALIZATION CONTROLLER TYPE II	EA		\$17,153.00	
	0860	0860	52002	ATTD	TRAFFIC SIGNALIZATION EMERGENCY PREEMPTION 1 WAY	EA		\$5,068.00	
	0870	0870	52002	ATTD	TRAFFIC SIGNALIZATION EMERGENCY PREEMPTION 2 WAY	EA		\$6,333.00	
	0880	0880	52002	ATTD	TRAFFIC SIGNALIZATION EMERGENCY PREEMPTION 3 WAY	EA		\$8,869.00	
	0890	0890	52002	ATTD	TRAFFIC SIGNALIZATION EMERGENCY PREEMPTION 4 WAY	EA		\$10,134.00	
	0900	0900	52002	ATTD	TRAFFIC SIGNALIZATION EMERGENCY PREEMPTION 5 WAY	EA		\$10,884.00	
	0910	0910	52002	ATTD	TRAFFIC SIGNALIZATION FURNISH CONFLICT MONITOR	EA		\$823.00	
	0920	0920	52002	ATTD	TRAFFIC SIGNALIZATION FURNISH EMITTER	EA		\$1,463.25	
	0930	0930	52002	ATTD	TRAFFIC SIGNALIZATION FURNISH MONITOR	EA		\$577.50	
	0940	0940	52002	510	TRAFFIC SIGNALIZATION INSTALL 12" LED MODULE	EA		\$85.95	
	0950	0950	52002	510	TRAFFIC SIGNALIZATION INSTALL 3-PORT SWITCHER	EA		\$85.95	
	0960	0960	52002	510	TRAFFIC SIGNALIZATION INSTALL CAMERA	EA		\$572.85	
	0970	0970	52002	510	TRAFFIC SIGNALIZATION INSTALL JUNCTION BOX	EA		\$345.00	
	0980	0980	52002	510	TRAFFIC SIGNALIZATION INSTALL POWER STRIP	EA		\$28.65	
	0990	0990	52002	510	TRAFFIC SIGNALIZATION INSTALL VIDEO MONITOR	EA		\$28.65	
	1000	1000	52002	510	TRAFFIC SIGNALIZATION INSTALL VIDEO PROCESSOR	EA		\$286.45	
	1010	1010	52002	510	TRAFFIC SIGNALIZATION INSTALL WOOD POLE	EA		\$487.30	
	1020	1020	52002	700	TRAFFIC SIGNALIZATION LUMINAIRE ARM 15'	EA		\$616.50	
	1030	1030	52002	700	TRAFFIC SIGNALIZATION LUMINAIRE ARM 18'	EA		\$800.00	
	1040	1040	52002	ATTD	TRAFFIC SIGNALIZATION MASTER CONTROLLER TYPE I	EA		\$6,641.00	
	1050	1050	52002	510	TRAFFIC SIGNALIZATION MODIFY EXISTING CONTROLLER CABINET	EA		\$432.00	
	1060	1060	52002	ATTD	TRAFFIC SIGNALIZATION NS TRAFFIC SIGN, PED. SIGNAL HEAD SP-6	EA		\$404.00	
	1070	1070	52002	510	TRAFFIC SIGNALIZATION RELOCATE EXISTING SIGNAL HEAD	EA		\$115.00	
	1080	1080	52002	510	TRAFFIC SIGNALIZATION REMOVE EXISTING CONTROLLER CABINET	EA		\$286.40	
	1090	1090	52002	510	TRAFFIC SIGNALIZATION REMOVE EXISTING FOUNDATION	EA		\$756.00	
	1100	1100	52002	510	TRAFFIC SIGNALIZATION REMOVE EXISTING MANHOLE OR JUNCTION BOX	EA		\$189.00	
	1110	1110	52002	510	TRAFFIC SIGNALIZATION REMOVE EXISTING SIGNAL HEAD	EA		\$129.00	
	1120	1120	52002	ATTD	TRAFFIC SIGNALIZATION SIGNAL SECTION 12" LED RED	EA	4.00	\$224.00	\$896.00
	1130	1130	52002	ATTD	TRAFFIC SIGNALIZATION SIGNAL SECTION 12" LED GREEN	EA		\$224.00	
	1140	1140	52002	ATTD	TRAFFIC SIGNALIZATION SIGNAL SECTION 12" LED GREEN ARROW	EA		\$224.00	
	1150	1150	52002	ATTD	TRAFFIC SIGNALIZATION SIGNAL SECTION 12" LED RED ARROW	EA		\$224.00	
	1160	1160	52002	ATTD	TRAFFIC SIGNALIZATION SIGNAL SECTION 12" LED YELLOW	EA	4.00	\$224.00	\$896.00
	1170	1170	52002	ATTD	TRAFFIC SIGNALIZATION SIGNAL SECTION 12" LED YELLOW ARROW	EA		\$224.00	
	1180	1180	52002	ATTD	TRAFFIC SIGNALIZATION SIGNAL LOAD SWITCH	EA		\$28.00	
	1190	1190	52002	ATTD	TRAFFIC SIGNALIZATION SPREAD-SPECTRUM RADIO TRANSCEIVER	EA		\$4,152.00	
	1200	1200	52002	ATTD	TRAFFIC SIGNALIZATION UNINTERRUPTIBLE POWER SUPPLY	EA		\$3,708.00	
	1210	1210	52002	ATTD	TRAFFIC SIGNALIZATION UNINTERRUPTIBLE POWER SUPPLY BATTERY	EA		\$202.00	
	1220	1220	52002	ATTD	TRAFFIC SIGNALIZATION UNINTERRUPTIBLE POWER SUPPLY CABINET	EA		\$1,557.00	
	1230	1230	52002	ATTD	TRAFFIC SIGNALIZATION VIDEO DETECTION TYPE I	EA		\$10,390.00	
	1240	1240	52002	700	TRAFFIC SIGNALIZATION WOOD POLE CL. 1 40'	EA		\$1,436.00	
	1250	1250	52002	700	TRAFFIC SIGNALIZATION WOOD POLE CL. 1 50'	EA		\$1,725.00	
	1260	1260	52002	700	TRAFFIC SIGNALIZATION WOOD POLE CL. 1 60'	EA		\$2,473.00	
	1270	1270	52402	703	PEDESTRIAN SIGNAL HEAD SP-7	EA		\$410.00	
	1280	1280	52403	703	PEDESTRIAN SIGNAL HEAD SP-8	EA		\$552.00	
	1290	1290	52420	700	ELECTRICAL SERVICE SE-1 TYPE A	EA		\$1,276.00	
	1300	1300	52421	700	ELECTRICAL SERVICE SE-1 TYPE B	EA		\$881.00	
	1310	1310	52422	700	ELECTRICAL SERVICE SE-2 TYPE A	EA		\$1,007.00	
	1320	1320	52423	700	ELECTRICAL SERVICE SE-2 TYPE B	EA		\$1,073.00	
	1330	1330	52424	700	ELECTRICAL SERVICE SE-3 TYPE A	EA		\$1,315.00	

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	1340	1340	52425	700	ELECTRICAL SERVICE SE-3 TYPE B	EA		\$1,315.00	
	1350	1350	52426	700	ELECTRICAL SERVICE SE-4 TYPE A	EA	1.00	\$1,931.00	\$1,931.00
	1360	1360	52427	700	ELECTRICAL SERVICE SE-4 TYPE B	EA		\$2,000.00	
	1370	1370	54020	704	TYPE A PAVEMENT MARKING 4"	LF		\$5.50	
	1380	1380	54042	704	TYPE B CLASS I PAVE. MARKING 24"	LF		\$17.50	
	1390	1390	54105	512	ERADICATION OF EXIST. PAVEMENT MARKING	LF		\$3.30	
	1400	1400	54106	512	ERADICATION OF EXIST. NONLINEAR PAVEMENT MARKING	SF		\$6.80	
	1410	1410	54300	704	PAVEMENT MESSAGE MARK ELONGATED ARROW SINGLE	EA		\$130.00	
	1420	1420	54310	704	PAVEMENT MESSAGE MARK ELONGATED ARROW DOUBLE	EA		\$260.00	
	1430	1430	55020	700	2 CONDUCTOR CABLE	LF		\$2.75	
	1440	1440	55040	700	4 CONDUCTOR CABLE	LF		\$2.15	
	1450	1450	55060	700	6 CONDUCTOR CABLE	LF		\$1.90	
	1460	1460	55140	700	CONCRETE FOUNDATION LF-1 TY. A	EA		\$732.00	
	1470	1470	55172	700	LIGHTING POLE LP-1 35' - 12'	EA		\$2,743.00	
	1480	1480	55346	700	ELECT. SERVICE SE-8 TYPE A	EA		\$1,615.00	
	1490	1490	55347	700	ELECT. SERVICE SE-8 TYPE B	EA		\$1,872.00	
	1500	1500	55352	705	CONTROL CENTER CCW-1 TYPE C	EA		\$1,265.00	
	1510	1510	55502	705	LUMINAIRE 250 WATT H.P.S.	EA		\$322.00	
	1520	1520	55580	700	JUNCTION BOX JB-R1	EA		\$1,057.00	
	1530	1530	55581	700	JUNCTION BOX JB-R2	EA		\$1,322.00	
	1540	1540	55586	700	JUNCTION BOX JB-S1	EA	2.00	\$739.00	\$1,478.00
	1550	1550	55587	700	JUNCTION BOX JB-S2	EA	3.00	\$802.00	\$2,406.00
	1560	1560	55588	700	JUNCTION BOX JB-S3	EA		\$1,015.00	
	1570	1570	56014	700	ELECT. SER. GRD. ELECTRODE (10')	EA	12.00	\$103.00	\$1,236.00
	1580	1580	56021	700	1" PVC CONDUIT	LF	20.00	\$4.00	\$80.00
	1590	1590	56025	700	METAL CONDUIT 1 1/2" METAL CONDUIT	LF		\$10.60	
	1600	1600	56026	700	1 1/4" METAL CONDUIT	LF	20.00	\$9.00	\$180.00
	1610	1610	56030	700	2" CONDUIT	LF	50.00	\$2.85	\$142.50
	1620	1620	56034	700	3" CONDUIT	LF	80.00	\$4.10	\$328.00
	1630	1630	56042	700	CONDUIT 2" SCHEDULE 80	LF		\$3.10	
	1640	1640	56042	700	CONDUIT 3" SCHEDULE 80	LF		\$4.70	
	1650	1650	56042	700	CONDUIT 6" SCHEDULE 80	LF		\$7.95	
	1660	1660	56050	700	BORED CONDUIT 2"	LF	30.00	\$12.00	\$360.00
	1670	1670	56051	700	BORED CONDUIT 3"	LF	60.00	\$25.00	\$1,500.00
	1680	1680	56052	700	BORED CONDUIT 4"	LF		\$26.00	
	1690	1690	56200	700	TRENCH EXCAVATION ECI-1	LF	200.00	\$5.20	\$1,040.00
	1700	1700	56202	700	TRENCH EXCAVATION ECI-2	LF		\$30.60	
	1710	1710	56205	700	TEST BORE	EA	1.00	\$850.00	\$850.00
	1720	1720	59000	ATTD	LIGHTING LP-1 35' W/18' Arm	EA		\$3,284.00	
	1730	1730	59000	ATTD	LIGHTING LP-1 35' W/16' Arm	EA		\$3,169.00	
	1740	1740	59000	ATTD	LIGHTING LP-1 35' W/20' Arm	EA		\$3,400.00	
					MAST ARM SIGNS SMALL	EA		\$26.00	
					MAST ARM SIGNS MEDIUM	EA		\$71.00	
					MAST ARM SIGNS LARGE	EA		\$306.00	
					HIGHWAY SIGNS (W3-3 SIGNAL AHEAD 4-48x48, 2 30x30)	EA		\$71.00	
					TRAFFIC CONTROL FOR STATE FORCES PRI/SEC LANE BLOCK	EA		\$2,282.70	
					CEI	EA	1.00	\$30,000.00	\$30,000.00
					Electrical Service Installation	EA	1.80	\$3,000.00	\$5,400.00
					REGIONAL SIGNAL CONTRACTOR ESTIMATE TOTAL				\$40,474.50
					STATE FORCES SUPPLIED MATERIALS AND LABOR TOTAL				
					CONSTRUCTION ENGINEERING AND INSPECTION				\$30,000.00
					ELECTRICAL SERVICE INSTALLATION				\$5,400.00
					PROJECT CONTINGENCIES 10%				\$4,047.45
					GRAND TOTAL			TOTAL	\$79,921.95