

SHEET NUM.											PART.	ALT	ITEM	ITEM	GRAND	UNIT	DESCRIPTION	SEE SHEET NO.
2	3	4	4A	4B	7	8	9	10	11		01/IMS/OT	(X)	EXT	TOTAL				
ADDITIVE ALTERNATE 1: IR 680/SHIRLEY																		
LS												X	201	11000	LS		CLEARING AND GRUBBING	
								40				X	202	30700	40	FT	CONCRETE BARRIER REMOVED	
								40				X	622	90000	40	FT	BARRIER, MISC.: 32"	3
	LS											X	SPECIAL	69098400	LS		SURVEY CONTROL VERIFICATION	3
20												X	601	21050	20	SY	TIED CONCRETE BLOCK MAT WITH TYPE 1 UNDERLAYMENT	
	681											X	659	10000	681	SY	SEEDING AND MULCHING	
	0.1											X	659	20000	0.1	TON	COMMERCIAL FERTILIZER	
110												X	611	00200	110	FT	4" CONDUIT, TYPE C	
11												X	611	99710	11	EACH	PRECAST REINFORCED CONCRETE OUTLET	
								16	8			X	625	00450	24	EACH	CONNECTION, FUSED PULL APART	
								12	6			X	625	00480	18	EACH	CONNECTION, UNFUSED PERMANENT	
								4				X	625	10494	4	EACH	LIGHT POLE, LOW MAST	
								4				X	625	11200	4	EACH	LIGHT TOWER, BB100	
								4				X	625	14306	4	EACH	MEDIAN LIGHT POLE FOUNDATION, 10' DEEP	
								3				X	625	15000	3	EACH	LIGHT TOWER FOUNDATION, 36" X 15' DEEP	
								1				X	625	15100	1	EACH	LIGHT TOWER FOUNDATION, 36" X 20' DEEP	
								4,176	675			X	625	23200	4,851	FT	NO. 4 AWG 2400 VOLT DISTRIBUTION CABLE	
								600				X	625	23400	600	FT	NO. 10 AWG POLE AND BRACKET CABLE	
								1,063	163			X	625	24320	1,226	FT	1-1/2" DUCT CABLE WITH THREE NO. 4 AWG 2400 VOLT CABLES	
									211			X	625	25200	211	FT	CONDUIT, 1-1/4", 725.04	
								197	215			X	625	25902	412	FT	CONDUIT, JACKED OR DRILLED, 725.04, 3"	
1,126												X	625	25911	1,126	FT	CONDUIT CLEANED AND CABLES REMOVED, AS PER PLAN	2
								4				X	625	26262	4	EACH	LUMINAIRE, HIGH MAST, SOLID STATE (LED) (40000-45000 LUMENS), TYPE LN, 480 VOLT	
								2				X	625	26272	2	EACH	LUMINAIRE, LOW MAST, SOLID STATE (LED) (40000-45000 LUMENS), TYPE AW, 480 VOLT	
									4			X	625	27502	4	EACH	LUMINAIRE, UNDERPASS, SOLID STATE (LED)	
								4				X	625	27561	4	EACH	LUMINAIRE, INSTALLATION ONLY, AS PER PLAN (HIGH MAST)	3
								2				X	625	27561	2	EACH	LUMINAIRE, INSTALLATION ONLY, AS PER PLAN (LOW MAST)	3
								2				X	625	28000	2	EACH	GLARE SHIELD	
								1,003	153			X	625	29000	1,156	FT	TRENCH	
									4			X	625	29920	4	EACH	STRUCTURE JUNCTION BOX	
								5				X	625	29930	5	EACH	MEDIAN JUNCTION BOX	
								3	2			X	625	30706	5	EACH	PULL BOX, 725.08, 24"	
								8				X	625	32000	8	EACH	GROUND ROD	
								1				X	625	34001	1	EACH	POWER SERVICE, AS PER PLAN	2
1												X	625	34450	1	EACH	CONTROL CENTER CABINET, COMPLETE	
								1,003	153			X	625	36011	1,156	FT	UNDERGROUND WARNING/MARKING TAPE, AS PER PLAN	2
									LS			X	625	37000	LS		SERVICE TO UNDERPASS LIGHTING	
LS												X	SPECIAL	62540000	LS		MAINTAIN EXISTING LIGHTING	2
									4			X	625	75350	4	EACH	LIGHT TOWER REMOVED	
									4			X	625	75400	4	EACH	LIGHT POLE REMOVED	
									2			X	625	75401	2	EACH	LIGHT POLE REMOVED, AS PER PLAN	3
									4			X	625	75500	4	EACH	LIGHT POLE FOUNDATION REMOVED	
									4			X	625	75540	4	EACH	LIGHT TOWER FOUNDATION REMOVED	
									1			X	625	76000	1	EACH	ARC FLASH CALCULATIONS AND LABEL, SHIRLEY	
									LS			X	625	98200	LS		LIGHTING, MISC.: REMOVE UNDERPASS LIGHTING	11
	LS											X	809	70050	LS		AS-BUILT CONSTRUCTION PLANS	
1												X	633	67200	1	EACH	CONTROLLER WORK PAD	
												X	614	11000	LS		MAINTAINING TRAFFIC	
								50				X	614	11110	50	HOUR	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE	
INCIDENTALS																		
												X	614	11000	LS		MAINTAINING TRAFFIC	
												X	619	16010	6	MNTH	FIELD OFFICE, TYPE B	
												X	623	10000	LS		CONSTRUCTION LAYOUT STAKES AND SURVEYING	
												X	624	10000	LS		MOBILIZATION	

Revised item from 8' deep to 10' deep

GENERAL SUMMARY

DESIGN AGENCY



DESIGNER
AJN

REVIEWER
RMM 4-26-22

PROJECT ID
106205

SHEET TOTAL
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BEGIN REF NO.	SHEET NO.	END REF NO.	STATION TO STATION	202	622	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625			
				CONCRETE BARRIER REMOVED	BARRIER, MISC.: 32"	CONNECTION, FUSED PULL APART	CONNECTION, UNFUSED PERMANENT	LIGHT POLE, CONVENTIONAL, AT10B35	LIGHT POLE, CONVENTIONAL, AS PER PLAN, AT10B35	LIGHT POLE, LOW MAST	LIGHT TOWER, BB100	LIGHT POLE FOUNDATION, 24" X 8' DEEP	MEDIAN LIGHT POLE FOUNDATION, 10' DEEP	LIGHT TOWER FOUNDATION, 36" X 15' DEEP	LIGHT TOWER FOUNDATION, 36" X 20' DEEP	NO. 4 AWG 2400 VOLT DISTRIBUTION CABLE	NO. 10 AWG POLE AND BRACKET CABLE	1-1/2" DUCT CABLE WITH THREE NO. 4 AWG 2400 VOLT CABLES	CONDUIT, JACKED OR DRILLED, 725.04, 3"	LUMINAIRE, LOW MAST, SOLID STATE (LED) (40000-45000 LUMENS), TYPE AW, 480 VOLT	LUMINAIRE, HIGH MAST, SOLID STATE (LED) (40000-45000 LUMENS), TYPE LN, 480 VOLT	LUMINAIRE, INSTALLATION ONLY, AS PER PLAN (LOW MAST)	LUMINAIRE, INSTALLATION ONLY, AS PER PLAN (HIGH MAST)	GLARE SHIELD	TRENCH	TRENCH IN PAVED AREA	MEDIAN JUNCTION BOX	PULL BOX, 725.08, 18"	PULL BOX, 725.08, 24"	GROUND ROD	POWER SERVICE, AS PER PLAN	UNDERGROUND WARNING/MARKING TAPE, AS PER PLAN	ARC FLASH CALCULATIONS AND LABEL, SHIRLEY			
				FT	FT	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	FT	FT	FT	FT	EACH	EACH	EACH	EACH	EACH	FT	FT	EACH	EACH	EACH	EACH	EACH	FT	EACH				
SRA4	13	SRA4	STA. 690+45, 141' RT			2					1		1				413						2	2					1			403				
		PB4	690+45 141' RT 686+61 61' RT										Revised from 8' to 10' deep																							
SRA3	13	SRA3	STA. 686+48, 162' RT			2					1		1								2								1							
		PB5	686+48 162' RT 686+49 133' RT																																	
PB5	13	PB5	STA. 686+49, 133' RT				3									249			73										1							
		PB4	686+49 133' RT 686+61 61' RT																																	
PB4	13	PB4	STA. 686+61, 61' RT				3									216			62										1							
		JB3	686+61 61' RT 686+62 1' LT																																	
SRA8	13	SRA8	STA. 697+88, 0' LT	10	10	2				1		1				150					1							1								
		SRA7	697+88 0' LT 696+07 0' LT													570						1						1								
SRA7	13	SRA7	STA. 696+07, 0' LT	10	10	2				1		1				150					1							1								
		SRA6	696+07 0' LT 694+07 0' LT													630													1							
SRA6	13	SRA6	STA. 694+07, 0' LT	10	10	2				1		1				150					1							1								
		SRA5	694+07 0' LT 691+88 0' LT													690													1							
SRA5	13	SRA5	STA. 691+88, 0' LT	10	10	2				1		1				150					1							1								
		JB3	691+88 0' LT 686+62 1' LT													1605													1							
		PB2	686+62 1' LT 686+63 63' LT																																	
PB2	13	PB2	STA. 686+63, 63' LT				3									216			62																	
		PB1	686+63 63' LT 686+49 140' LT																																	
SRA2	13	SRA2	STA. 681+46, 101' LT			2					1		1								2								1							
		SRA1	681+46 101' LT 686+02 138' LT																																	
SRA1	13	SRA1	STA. 686+02, 138' LT				2				1																									
		PB1	686+02 138' LT 686+49 140' LT																																	
PB1	13	PB1	STA. 686+49, 140' LT																																	
		CC-SR	686+49 140' LT 686+47 136' LT																																	
		CC-SR	STA. 686+47, 136' LT																																	
TOTALS CARRIED TO GENERAL SUMMARY				40	40	16	12			4	4	4	3	1	4176	600	1063	197	2	4	2	4	2	1003	5	3	8	1	1003	1						

LIGHTING SUBSUMMARY (ADDITIVE ALTERNATE 1: IR 680/SHIRLEY)

DESIGN AGENCY



DESIGNER
AJN

REVIEWER
RMM 4-26-22

PROJECT ID
106205

SHEET TOTAL
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