SHEET NUM.												PART.	ALT	ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
5	6		15									01/SAF/OT	(X)						
																		LIGHTING	
			8									8		625	00450	8	EACH	CONNECTION, FUSED PULL APART	
			2									2		625	00480	2	EACH	CONNECTION, UNFUSED PERMANENT	
			8									8		625	18200	8	EACH	BRACKET ARM, 15'	
			723									723		625	23200	723	FT	NO. 4 AWG 2400 VOLT DISTRIBUTION CABLE	
			456									456		625	23400	456	FT	NO. 10 AWG POLE AND BRACKET CABLE	
			212									212		625	25502	212	FT	CONDUIT, 3", 725.05	
			356									356		625	25902	356	FT	CONDUIT, JACKED OR DRILLED, 725.04, 4"	
			158									158		625	29000	158	FT	TRENCH	
			7									7		625	30700	7	EACH	PULL BOX, 725.08, 18"	
																		TRAFFIC SIGNALS	
			2									2		625	30706	2	EACH	PULL BOX, 725.08, 24"	
			10									10		625	32000	10	EACH	GROUND ROD	
			2									2		625	34001	2	EACH	POWER SERVICE, AS PER PLAN	18
			158									158		625	36011	158	FT	UNDERGROUND WARNING/MARKING TAPE, AS PER PLAN	17
			2									2		625	76000	2	EACH	ARC FLASH CALCULATIONS AND LABEL SERVICE DISCONNECT, SIGNAL CABINET,	
																		UPS ENCLOSURE; CHESTNUT ST. AND MAIN ST.	
			2									2		625	76000	2	EACH	ARC FLASH CALCULATIONS AND LABEL SERVICE DISCONNECT, SIGNAL CABINET	17
																		UPS ENCLOSURE; CHESTNUT ST. AND SOUTH ST.	
			16									16		632	05007	16	EACH	VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS, 1-WAY, POLYCARBONATE,	17
																		AS PER PLAN, BLACK	
			16									16		632	20731	16	EACH	PEDESTRIAN SIGNAL HEAD (LED), TYPE D2, COUNTDOWN, AS PER PLAN	17
			16									16		632	25001	16	EACH	COVERING OF VEHICULAR SIGNAL HEAD, AS PER PLAN	18
			4									4		632	26000	4	EACH	PEDESTRIAN PUSHBUTTON	
			64									64		632	40200	64	FT	SIGNAL CABLE, 2 CONDUCTOR, NO. 14 AWG	
			1,586									1,586		632	40500	1,586	FT	SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG	
			597									597		632	40700	597	FT	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG	
			348									348		632	40900	348	FT	SIGNAL CABLE, 9 CONDUCTOR, NO. 14 AWG	
			8									8		632	64011	8	EACH	SIGNAL SUPPORT FOUNDATION, AS PER PLAN	17
			3									3		632	64020	3	EACH	PEDESTAL FOUNDATION	
			121									121		632	68200	121	FT	POWER CABLE, 2 CONDUCTOR, NO. 6 AWG	
			118									118		632	69500	118	FT	SERVICE CABLE, 2 CONDUCTOR, NO. 6 AWG	
			2									2		632	70001	2	EACH	POWER SERVICE, AS PER PLAN	18
			2									2		632	90100	2	EACH	REMOVAL OF TRAFFIC SIGNAL INSTALLATION	
			2									2		633	45000	2	EACH	GPS (GLOBAL POSITIONING SYSTEM) CLOCK ASSEMBLY	
			2									2		633	65510	2	EACH	CABINET, TYPE TS-2	
			2									2		633	67100	2	EACH	CABINET FOUNDATION	
			2									2		633	68511	2	EACH	COMMUNICATIONS, AS PER PLAN	18
			2									2		633	75001	2	EACH	UNINTERRUPTIBLE POWER SUPPLY (UPS), 1000 WATT, AS PER PLAN	17
			8									8		809	69101	8	EACH	STOP LINE RADAR DETECTION, AS PER PLAN	17
			2									2		809	69123	2	EACH	ATC V6.24 CONTROLLER, AS PER PLAN	17
																		TRAFFIC SIGNALS ALTERNATES	
			8									8	X	625	26252	8	EACH	LUMINAIRE, CONVENTIONAL, SOLID STATE (LED), 200W (ALTERNATE 1)	
			8									8	X	632	79101	8	EACH	COMBINATION SIGNAL SUPPORT, TYPE TC-81.22, AND SIGN SUPPORT, TYPE TC-81.22, DESIGN 2	17
																		(WITH LIGHT POLE EXTENSION), AS PER PLAN (ALTERNATE 1)	
			3									3	X	632	89901	3	EACH	PEDESTAL, 8', TRANSFORMER BASE, AS PER PLAN (ALTERNATE 1)	17
			8									8	X	625	27551	8	EACH	LUMINAIRE, DECORATIVE, AS PER PLAN (UM NL 118) (ALTERNATE 2)	17
			8									8	X	632	80981	8	EACH	COMBINATION SIGNAL SUPPORT, TYPE TC-81.22, AND SIGN SUPPORT, TYPE TC-81.22, DESIGN 2,	17
																		(WITH LIGHT POLE EXTENSION), AS PER PLAN (UNION METAL 16 FLUTE) (ALTERNATE 2)	
			3									3	X	632	89901	3	EACH	PEDESTAL, 8', TRANSFORMER BASE, AS PER PLAN(UNION METAL 16 FLUTE) (ALTERNATE 2)	17
																		MAINTENANCE OF TRAFFIC	
80												80		614	11110	80	HOUR	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE	
																		INCIDENTALS	
	LS											LS		614	11000	LS		MAINTAINING TRAFFIC	
												3		619	16000	3	MNTH	FIELD OFFICE, TYPE A	
												LS		623	10000	LS		CONSTRUCTION LAYOUT STAKES AND SURVEYING	
												LS		624	10000	LS		MOBILIZATION	

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GENERAL SUMMARY

BEL-147-4.90

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SHEET NUM.	ITEM	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
19 22					
4 4	625	8	EACH	CONNECTION, FUSED PULL APART	
1 1	625	2	EACH	CONNECTION, UNFUSED PERMANENT	
4 4	625	8	EACH	BRACKET ARM, 15'	
403 320	625	723	FT	NO. 4 AWG 2400 VOLT DISTRIBUTION CABLE	
228 228	625	456	FT	NO. 10 AWG POLE AND BRACKET CABLE	
166 46	625	212	FT	CONDUIT, 3", 725.05	
197 159	625	356	FT	CONDUIT, JACKED OR DRILLED, 725.04, 4"	
126 32	625	158	FT	TRENCH	
4 3	625	7	EACH	PULL BOX, 725.08, 18"	
1 1	625	2	EACH	PULL BOX, 725.08, 24"	
5 5	625	10	EACH	GROUND ROD	
1 1	625	2	EACH	POWER SERVICE, AS PER PLAN	18
126 32	625	158	FT	UNDERGROUND WARNING/MARKING TAPE, AS PER PLAN	17
2	625	2	EACH	ARC FLASH CALCULATIONS AND LABEL SERVICE DISCONNECT, SIGNAL CABINET,	
				UPS ENCLOSURE; CHESTNUT ST. AND MAIN ST.	
2	625	2	EACH	ARC FLASH CALCULATIONS AND LABEL SERVICE DISCONNECT, SIGNAL CABINET	17
				UPS ENCLOSURE; CHESTNUT ST. AND SOUTH ST.	
8 8	632	16	EACH	VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS, 1-WAY, POLYCARBONATE,	17
				AS PER PLAN, BLACK	
8 8	632	16	EACH	PEDESTRIAN SIGNAL HEAD (LED), TYPE D2, COUNTDOWN, AS PER PLAN	17
8 8	632	16	EACH	COVERING OF VEHICULAR SIGNAL HEAD, AS PER PLAN	18
4	632	4	EACH	PEDESTRIAN PUSHBUTTON	
64	632	64	FT	SIGNAL CABLE, 2 CONDUCTOR, NO. 14 AWG	
851 735	632	1,586	FT	SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG	
597	632	597	FT	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG	
348	632	348	FT	SIGNAL CABLE, 9 CONDUCTOR, NO. 14 AWG	
4 4	632	8	EACH	SIGNAL SUPPORT FOUNDATION, AS PER PLAN	17
3	632	3	EACH	PEDESTAL FOUNDATION	
75 46	632	121	FT	POWER CABLE, 2 CONDUCTOR, NO. 6 AWG	
94 24	632	118	FT	SERVICE CABLE, 2 CONDUCTOR, NO. 6 AWG	
1 1	632	2	EACH	POWER SERVICE, AS PER PLAN	18
1 1	632	2	EACH	REMOVAL OF TRAFFIC SIGNAL INSTALLATION	
1 1	633	2	EACH	GPS (GLOBAL POSITIONING SYSTEM) CLOCK ASSEMBLY	
1 1	633	2	EACH	CABINET, TYPE TS-2	
1 1	633	2	EACH	CABINET FOUNDATION	
1 1	633	2	EACH	COMMUNICATIONS, AS PER PLAN	18
1 1	633	2	EACH	UNINTERRUPTIBLE POWER SUPPLY (UPS), 1000 WATT, AS PER PLAN	17
4 4	809	8	EACH	STOP LINE RADAR DETECTION, AS PER PLAN	17
1 1	809	2	EACH	ATC V6.24 CONTROLLER, AS PER PLAN	17
				TRAFFIC SIGNALS ALTERNATES	
4 4	625	8	EACH	LUMINAIRE, CONVENTIONAL, SOLID STATE (LED), 200W (ALTERNATE 1)	
4 4	632	8	EACH	COMBINATION SIGNAL SUPPORT, TYPE TC-81.22, AND SIGN SUPPORT, TYPE TC-81.22,	17
				DESIGN 2 (WITH LIGHT POLE EXTENSION), AS PER PLAN (ALTERNATE 1)	17
3	632	3	EACH	PEDESTAL, 8', TRANSFORMER BASE, AS PER PLAN (ALTERNATE 1)	
					17
4 4	625	8	EACH	LUMINAIRE, DECORATIVE, AS PER PLAN (UM NL 118) (ALTERNATE 2)	17
4 4	632	8	EACH	COMBINATION SIGNAL SUPPORT, TYPE TC-81.22, AND SIGN SUPPORT, TYPE TC-81.22,	
				DESIGN 2 (WITH LIGHT POLE EXTENSION), AS PER PLAN (UNION METAL 16 FLUTE)	17
				(ALTERNATE 2)	
3	632	3	EACH	PEDESTAL, 8', TRANSFORMER BASE, AS PER PLAN(UNION METAL 16 FLUTE) (ALTERNATE 2)	

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LIGHTING AND TRAFFIC SIGNAL SUB-SUMMARY

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