


SHEET NUM.												PART.	ITEM	ITEM	GRAND	UNIT	DESCRIPTION	SEE SHEET NO.
7	8	9	10		43	62			78	79	80	01/SAF/21	EXT	TOTAL				
									12	1		13	625	32000	13	EACH	TRAFFIC SIGNALS	
											208	208	625	36010	208	FT	UNDERGROUND WARNING/MARKING TAPE	
									4			4	632	05006	4	EACH	VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS, 1-WAY, POLYCARBONATE	
									5			5	632	05086	5	EACH	VEHICULAR SIGNAL HEAD, (LED), 5-SECTION, 12" LENS, 1-WAY, POLYCARBONATE	
									8			8	632	20731	8	EACH	PEDESTRIAN SIGNAL HEAD (LED), TYPE D2, COUNTDOWN, AS PER PLAN	71
									8			8	632	20750	8	EACH	ACCESSIBLE PEDESTRIAN PUSHBUTTON	
									9			9	632	25000	9	EACH	COVERING OF VEHICULAR SIGNAL HEAD	
									8			8	632	25010	8	EACH	COVERING OF PEDESTRIAN SIGNAL HEAD	
											834	834	632	30980	834	FT	SIGNAL CABLE, 3 CONDUCTOR, NO. 10 AWG	
											1,361	1,361	632	40500	1,361	FT	SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG	
											2,573	2,573	632	40700	2,573	FT	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG	
									4			4	632	64011	4	EACH	SIGNAL SUPPORT FOUNDATION, AS PER PLAN	71
									8			8	632	64020	8	EACH	PEDESTAL FOUNDATION	
												2	632	64950	2	EACH	TEST HOLE PERFORMED	
											56	56	632	68300	56	FT	POWER CABLE, 3 CONDUCTOR, NO. 6 AWG	
											33	33	632	69800	33	FT	SERVICE CABLE, 3 CONDUCTOR, NO. 6 AWG	
									1			1	632	70000	1	EACH	POWER SERVICE	
									2			2	632	79141	2	EACH	COMBINATION SIGNAL SUPPORT, TYPE TC-81.22, DESIGN 13, AS PER PLAN	72
									2			2	632	79151	2	EACH	COMBINATION SIGNAL SUPPORT, TYPE TC-81.22, DESIGN 14, AS PER PLAN	72
									8			8	632	89901	8	EACH	PEDESTAL, 8', TRANSFORMER BASE, AS PER PLAN	72
										1		1	632	90100	1	EACH	REMOVAL OF TRAFFIC SIGNAL INSTALLATION	70
										1		1	633	65511	1	EACH	CABINET, TYPE TS-2, AS PER PLAN	70
										1		1	633	67100	1	EACH	CABINET FOUNDATION	
										1		1	633	67200	1	EACH	CONTROLLER WORK PAD	
										1		1	633	68510	1	EACH	COMMUNICATIONS	
										1		1	633	74001	1	EACH	UNINTERRUPTIBLE POWER SUPPLY (UPS), AS PER PLAN	71
										3		3	809	69001	3	EACH	ADVANCE RADAR DETECTION, AS PER PLAN	71
										4		4	809	69101	4	EACH	STOP LINE RADAR DETECTION, AS PER PLAN	71
										1		1	809	69123	1	EACH	ATC CONTROLLER, AS PER PLAN	70
												LS	202	11000	LS		MISCELLANEOUS STRUCTURE	
					LS	LS						LS	503	21320	LS		UNCLASSIFIED EXCAVATION, INCLUDING ROCK	43,62
												25	517	73501	25	FT	RAILING, PIPE, AS PER PLAN	6
																	MAINTENANCE OF TRAFFIC	
5												5	410	12000	5	CY	TRAFFIC COMPACTED SURFACE, TYPE A OR B	
5												5	410	13000	5	CY	TRAFFIC COMPACTED SURFACE, TYPE C	
			70									70	614	11110	70	HOUR	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE	
	4											4	614	12380	4	EACH	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (UNIDIRECTIONAL)	
5												5	614	13000	5	CY	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC	
		39										39	614	13310	39	EACH	BARRIER REFLECTOR, TYPE 1, BIDIRECTIONAL	
		39										39	614	13360	39	EACH	OBJECT MARKER, TWO WAY	
			LS									LS	614	18002	LS		MAINTAINING TRAFFIC, MISC.: TEMPORARY TRAFFIC SIGNAL	9
				6								6	614	18601	6	SNMT	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN	10
1												1	614	21000	1	MILE	WORK ZONE CENTER LINE, CLASS I	
0.74												0.74	614	21550	0.74	MILE	WORK ZONE CENTER LINE, CLASS III, 642 PAINT	
2												2	614	22010	2	MILE	WORK ZONE EDGE LINE, CLASS I, 6"	
1.01												1.01	614	22360	1.01	MILE	WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT	
100												100	614	26000	100	FT	WORK ZONE STOP LINE, CLASS I	
150												150	614	26610	150	FT	WORK ZONE STOP LINE, CLASS III, 642 PAINT	
			4									4	614	40050	4	EACH	BUSINESS ENTRANCE SIGN	
		377										377	615	20000	377	SY	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A	
20												20	616	10000	20	MGAL	WATER	
		990										990	622	41100	990	FT	PORTABLE BARRIER, UNANCHORED	
												LS	614	11000	LS		INCIDENTALS	
												LS	614	12420	LS		MAINTAINING TRAFFIC	
												5	619	16010	5	MNTH	DETOUR SIGNING	
												LS	623	10000	LS		FIELD OFFICE, TYPE B	
												LS	624	10000	LS		CONSTRUCTION LAYOUT STAKES AND SURVEYING	
																	MOBILIZATION	

DESIGN AGENCY



DESIGNER: BMG

REVIEWER: MAG 09/30/22

PROJECT ID: 107161

SHEET 29 TOTAL 103

REF NO.	SHEET NO.	STATION TO STATION		625	630	630	630	632	632	632	632	632	632	632	632	632	632	632	632	632	625	625	
				GROUND ROD EACH	SIGN. FLAT SHEET SF	SIGN. STREET NAME EACH	SIGN HANGER ASSEMBLY, MAST ARM EACH	COVERING OF VEHICULAR SIGNAL HEAD EACH	COVERING OF PEDESTRIAN SIGNAL HEAD EACH	VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS, 1-WAY, POLYCARBONATE EACH	VEHICULAR SIGNAL HEAD, (LED), 5-SECTION, 12" LENS, 1-WAY, POLYCARBONATE EACH	PEDESTRIAN SIGNAL HEAD (LED), TYPE D2, COUNTDOWN, AS PER PLAN EACH	ACCESSIBLE PEDESTRIAN PUSHBUTTON EACH	SIGNAL SUPPORT FOUNDATION, AS PER PLAN EACH	PEDESTAL FOUNDATION EACH	PEDESTAL, 8', TRANSFORMER BASE, AS PER PLAN EACH	POWER SERVICE EACH	COMBINATION SIGNAL SUPPORT, TYPE TC-81.22, DESIGN 13, AS PER PLAN EACH	COMBINATION SIGNAL SUPPORT, TYPE TC-81.22, DESIGN 14, AS PER PLAN EACH	BRACKET ARM, 20', AS PER PLAN EACH	BRACKET ARM, 30', AS PER PLAN EACH		
SN1	73	SP1 - 4	TO	R10-3e-9			INCLUDED WITH PUSHBUTTON																
SN2		NOT USED																					
SN3		NOT USED																					
SN4	73	SP1		R3-5L-30	7.50		1																
	73	SP2		R3-5L-30	7.50		1																
	73	SP3		R3-5L-30	7.50		1																
	73	SP4		R3-5L-30	7.50		1																
SN5	73	SP2		D3-1-54			1	1															
	73	SP2		D3-1-54			1	1															
SN6	73	SP3		D3-1-42			1	1															
	73	SP3		D3-1-42			1	1															
SN7	73	SP1		D3-1a-116			1	1															
	73	SP4		D3-1a-116			1	1															
SN8	73	SP1		R10-15R-30	6.25		1																
	73	SP4		R10-15R-30	6.25		1																
1A	73	SP2						1			1												
2A	73	SP3						1		1													
3A	73	SP1						1			1												
3B	73	SP4						1			1												
4A	73	SP4						1		1													
5A	73	SP3						1			1												
6A	73	SP2						1		1													
7A	73	SP4						1			1												
8A	73	SP1						1		1													
PH2A	73	PS7									1												
PH2B	73	PS6									1												
PH4A	73	PS4									1												
PH4B	73	PS8									1												
PH6A	73	PS2									1												
PH6B	73	PS3									1												
PH8A	73	PS5									1												
PH8B	73	PS1									1												
P2A	73	PS7								1													
P2B	73	PS6								1													
P4A	73	PS4								1													
P4B	73	PS8								1													
P6A	73	PS2								1													
P6B	73	PS3								1													
P8A	73	PS5								1													
P8B	73	PS1								1													
SP1	73	63+69	62' LT		1									1			1						
SP2	73	62+52	57' 67		1									1			1					1	
SP3	73	63+40	47' RT		1									1								1	
SP4	73	62+42	52.5' RT		1									1								1	
PS1	73	63+75	37.5' LT		1											1							
PS2	73	63+59	52' LT		1											1							
PS3	73	62+85	52' LT		1											1							
PS4	73	62+53.5	37'		1											1							
PS5	73	63+67	22' RT		1											1							
PS6	73	63+31.5	45' RT		1											1							
PS7	73	62+62.4	32.9' RT		1											1							
PS8	73	66+55.5	29'		1											1							
TOTALS CARRIED TO GENERAL SUMMARY				12	42.50	6	12	9	8	4	5	8	8	4	8	8		1		2	2	1	3