SHEET NUM. 7	8	55	57	58	59	77							PART. (01/SAF/PV)	ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
																		ROADWAY	
													LS	201	11000	LS		CLEARING AND GRUBBING	
		7,112											7,112	202	23010	7,112	SY	PAVEMENT REMOVED, ASPHALT	
		43											43	202	30600	43	SY	CONCRETE MEDIAN REMOVED	
		143											143	202	32000	143	FT	CURB REMOVED	
		65											65	202	38200	65	FT	GUARDRAIL REMOVED FOR REUSE	
		1											1	202	58100	1	EACH	CATCH BASIN REMOVED	
						524							524	203	10000	524	CY	EXCAVATION	
						429							429	203	20000	429	CY	EMBANKMENT	
9													9	204	13000	9	CY	EXCAVATION OF SUBGRADE	
9													9	204	30010	9	CY	GRANULAR MATERIAL, TYPE B	
													5	204	45000	5	HOUR	PROOF ROLLING	8
26													26	204	50000	26	SY	GEOTEXTILE FABRIC	
8,516													8,516	206	11000	8,516	SY	CURING COAT	
8,516													8,516	206	15010	8,516	SY	CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP	
		65											65	606	16050	65	FT	GUARDRAIL REBUILT, TYPE MGS	
																		EROSION CONTROL	
	409				277								686	659	00300	686	CY	TOPSOIL	
						3,688							3,688	659	10000	3,688	SY	SEEDING AND MULCHING	
													184	659	14000	184	SY	REPAIR SEEDING AND MULCHING	8
													184	659	15000	184	SY	INTER-SEEDING	8
													0.5	659	20000	0.5	TON	COMMERCIAL FERTILIZER	8
													0.76	659	31000	0.76	ACRE	LIME	8
													10	659	35000	10	MGAL	WATER	8
													8.2	659	40000	8.2	MSF	MOWING	8
					2,494								2,494	670	00500	2,494	SY	SLOPE EROSION PROTECTION	
													LS	832	15000	LS		STORM WATER POLLUTION PREVENTION PLAN	
													LS	832	15002	LS		STORM WATER POLLUTION PREVENTION INSPECTIONS	
													LS	832	15010	LS		STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE	
													25,131	832	30000	25,131	EACH	EROSION CONTROL	
																		DRAINAGE	
4,379													4,379	605	06000	4,379	FT	4" BASE PIPE UNDERDRAINS	
		1											1	611	98300	1	EACH	CATCH BASIN, NO. 5	
																		PAVEMENT	
		780											780	252	01500	780	FT	FULL DEPTH PAVEMENT SAWING	
1,264													1,264	304	20000	1,264	CY	AGGREGATE BASE	
7,819													7,819	452	13010	7,819	SY	9" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P	
																		TRAFFIC CONTROL	
			97										97	621	00300	97	EACH	RPM REFLECTOR	
			247										247	630	02100	247	FT	GROUND MOUNTED SUPPORT, NO. 2 POST	
			253										253	630	03100	253	FT	GROUND MOUNTED SUPPORT, NO. 3 POST	
			174										174	630	06400	174	FT	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, S4X7.7	
			10										10	630	09000	10	EACH	BREAKAWAY STRUCTURAL BEAM CONNECTION	
			302										302	630	80100	302	SF	SIGN, FLAT SHEET	
			96										96	630	80200	96	SF	SIGN, GROUND MOUNTED EXTRUSHEET	
			10										10	630	84500	10	EACH	GROUND MOUNTED STRUCTURAL BEAM SUPPORT FOUNDATION	
			25										25	630	84900	25	EACH	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL	
			20										20	630	86002	20	EACH	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL	
			2										2	630	85100	2	EACH	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION	
			4										4	644	01360	4	EACH	WRONG WAY ARROW	
			1.19										1.19	646	10010	1.19	MILE	EDGE LINE, 6"	
			1,441										1,441	646	10300	1,441	FT	CHANNELIZING LINE, 8"	
			262										262	646	10400	262	FT	STOP LINE	
			12										12	646	20300	12	EACH	LANE ARROW	
			95										95	646	50100	95	FT	REMOVAL OF PAVEMENT MARKING	
																		TRAFFIC SIGNALS	
				2									2	625	18510	2	EACH	BRACKET ARM, 30'	
				37									37	625	25400	37	FT	CONDUIT, 2", 725.04	
				150									150	625	25500	150	FT	CONDUIT, 3", 725.04	

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GENERAL SUMMARY

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SHEET NUM. 51	SHEET NUM. 58	PART. 01/SAF/PV	ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
	2	2	625	26253	2	EACH	LUMINAIRE, CONVENTIONAL, SOLID STATE (LED), AS PER PLAN, ASYMMETRIC, 120V, HIGH OUTPUT	90
	87	87	625	29000	87	FT	TRENCH	
	2	2	625	30706	2	EACH	PULL BOX, 725.08, 24"	
	8	8	625	32000	8	EACH	GROUND ROD	
	2	2	630	79000	2	EACH	SIGN HANGER ASSEMBLY, SPAN WIRE	
	15	15	630	80100	15	SF	SIGN, FLAT SHEET	
	14	14	632	05007	14	EACH	VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN	91
	2	2	632	05087	2	EACH	VEHICULAR SIGNAL HEAD, (LED), 5-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN	91
	16	16	632	25000	16	EACH	COVERING OF VEHICULAR SIGNAL HEAD	90
	865	865	632	30200	865	FT	MESSENGER WIRE, 7 STRAND, 3/8" DIAMETER WITH ACCESSORIES	
	865	865	632	30600	865	FT	TETHER WIRE, WITH ACCESSORIES	
	200	200	632	40500	200	FT	SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG	
	1,840	1,840	632	40700	1,840	FT	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG	
	1,680	1,680	632	42300	1,680	FT	SIGNAL CABLE, 3 CONDUCTOR, NO. 12 AWG (LIGHTING)	
	8	8	632	64000	8	EACH	STRAIN POLE FOUNDATION	
	300	300	632	68300	300	FT	POWER CABLE, 3 CONDUCTOR, NO. 6 AWG	
	255	255	632	69800	255	FT	SERVICE CABLE, 3 CONDUCTOR, NO. 6 AWG	
	2	2	632	70000	2	EACH	POWER SERVICE	
	4	4	632	70400	4	EACH	CONDUIT RISER, 2" DIAMETER	
	6	6	632	83200	6	EACH	STRAIN POLE, TYPE TC-81.10, DESIGN 12	
	2	2	632	85200	2	EACH	COMBINATION STRAIN POLE, TYPE TC-81.10, DESIGN 12	
	2	2	632	90400	2	EACH	SIGNALIZATION, MISC.:CDMA MODEM, FURNISH ONLY	93
	2	2	633	65511	2	EACH	CABINET, TYPE TS-2, AS PER PLAN	91
	2	2	633	67100	2	EACH	CABINET FOUNDATION	
	2	2	633	67200	2	EACH	CONTROLLER WORK PAD	
	2	2	633	75001	2	EACH	UNINTERRUPTIBLE POWER SUPPLY (UPS), 1000 WATT, AS PER PLAN	91
	3	3	633	99000	3	EACH	CONTROLLER ITEM, MISC.:ETHERNET RADIO (UBIQUITY)	91
	2	2	633	99000	2	EACH	CONTROLLER ITEM, MISC.:UNMANAGED ETHERNET SWITCH	91
	60	60	809	64550	60	FT	ETHERNET CABLE, OUTDOOR-RATED	
	6	6	809	69000	6	EACH	ADVANCE RADAR DETECTION	93
	4	4	809	69100	4	EACH	STOP LINE RADAR DETECTION	93
	2	2	809	69123	2	EACH	ATC V6.24 CONTROLLER, AS PER PLAN	91
							MAINTENANCE OF TRAFFIC	
1,722		1,722	202	23000	1,722	SY	PAVEMENT REMOVED	
108		108	614	11110	108	HOUR	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE	10
5,885		5,885	614	11630	5,885	FT	INCREASED BARRIER DELINEATION	
4		4	614	12346	4	EACH	WORK ZONE IMPACT ATTENUATOR (UNIDIRECTIONAL), 24-INCH WIDE	10
6		6	614	12348	6	EACH	WORK ZONE IMPACT ATTENUATOR (BIDIRECTIONAL), 24-INCH WIDE	10
2		2	614	12500	2	EACH	REPLACEMENT SIGN	9
20		20	614	12600	20	EACH	REPLACEMENT DRUM	9
152		152	614	13310	152	EACH	BARRIER REFLECTOR, TYPE 1(BI-DIRECTIONAL)	
152		152	614	13350	152	EACH	OBJECT MARKER, ONE WAY	
0.22		0.22	614	20550	0.22	MILE	WORK ZONE LANE LINE, CLASS III, 4", 642 PAINT	
2.09		2.09	614	22100	2.09	MILE	WORK ZONE EDGE LINE, CLASS I, 4", 642 PAINT	11
0.73		0.73	614	22350	0.73	MILE	WORK ZONE EDGE LINE, CLASS III, 4", 642 PAINT	
612		612	614	23200	612	FT	WORK ZONE CHANNELIZING LINE, CLASS I, 8", 642 PAINT	
403		403	614	23680	403	FT	WORK ZONE CHANNELIZING LINE, CLASS III, 8", 642 PAINT	
239		239	614	26200	239	FT	WORK ZONE STOP LINE, CLASS I, 642 PAINT	
110		110	614	26610	110	FT	WORK ZONE STOP LINE, CLASS III, 642 PAINT	
2,396.7		2,396.7	615	20000	2,396.7	SY	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A	
2		2	622	41050	2	EACH	PORTABLE BARRIER, "Y" CONNECTOR	
6,575		6,575	622	41100	6,575	FT	PORTABLE BARRIER, UNANCHORED	
							INCIDENTALS	
		LS	614	11000	LS		MAINTAINING TRAFFIC	
		3	619	16010	3	MNTH	FIELD OFFICE, TYPE B	
		LS	623	10000	LS		CONSTRUCTION LAYOUT STAKES AND SURVEYING	
		LS	624	10000	LS		MOBILIZATION	

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GENERAL SUMMARY

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SHEET NUM.											PART.			ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
							97		102										
																		TRAFFIC SIGNALS	
							1		1					625	18510	2	EACH	BRACKET ARM, 30'	
							18		19					625	25400	37	FT	CONDUIT, 2", 725.04	
							78		72					625	25500	150	FT	CONDUIT, 3", 725.04	
							1		1					625	26253	2	EACH	LUMINAIRE, CONVENTIONAL, SOLID STATE (LED), AS PER PLAN PLAN, ASYMMETRIC,	90
																		120V, HIGH OUTPUT	
							44		43					625	29000	87	FT	TRENCH	
							445		420					632	30200	865	FT	MESSENGER WIRE, 7 STRAND, 3/8" DIAMETER WITH ACCESSORIES	
							1		1					625	30706	2	EACH	PULL BOX, 725.08, 24"	
							4		4					625	32000	8	EACH	GROUND ROD	
							1		1					630	79000	2	EACH	SIGN HANGER ASSEMBLY, SPAN WIRE	
							7.5		7.5					630	80100	15	SF	SIGN, FLAT SHEET	
							7		7					632	05007	14	EACH	VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN	91
							1		1					632	05087	2	EACH	VEHICULAR SIGNAL HEAD, (LED), 5-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN	91
							8		8					632	25000	16	EACH	COVERING OF VEHICULAR SIGNAL HEAD	90
							445		420					632	30600	865	FT	TETHER WIRE, WITH ACCESSORIES	
							100		100					632	40500	200	FT	SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG	
							930		910					632	40700	1,840	FT	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG	
							705		975					632	42300	1,680	FT	SIGNAL CABLE, 3 CONDUCTOR, NO. 12 AWG (LIGHTING)	
							4		4					632	64000	8	EACH	STRAIN POLE FOUNDATION	
							140		160					632	68300	300	FT	POWER CABLE, 3 CONDUCTOR, NO. 6 AWG	
							120		135					632	69800	255	FT	SERVICE CABLE, 3 CONDUCTOR, NO. 6 AWG	
							1		1					632	70000	2	EACH	POWER SERVICE	
							2		2					632	70400	4	EACH	CONDUIT RISER, 2" DIAMETER	
							3		3					632	83200	6	EACH	STRAIN POLE, TYPE TC-81.10, DESIGN 12	
							1		1					632	85200	2	EACH	COMBINATION STRAIN POLE, TYPE TC-81.10, DESIGN 12	
							1		1					632	90400	2	EACH	SIGNALIZATION, MISC.: CDMA MODEM, FURNISH ONLY	93
							1		1					633	655N	2	EACH	CABINET, TYPE TS-2, AS PER PLAN	91
							1		1					633	67100	2	EACH	CABINET FOUNDATION	
							1		1					633	67200	2	EACH	CONTROLLER WORK PAD	94
							1		1					633	75001	2	EACH	UNINTERRUPTIBLE POWER SUPPLY (UPS), 1000 WATT, AS PER PLAN	91
							2		1					633	99000	3	EACH	CONTROLLER ITEM, MISC.: ETHERNET RADIO (UBIQUITY)	91
							1		1					633	99000	2	EACH	CONTROLLER ITEM, MISC.: UNMANAGED ETHERNET SWITCH	91
							30		30					809	64550	60	FT	ETHERNET CABLE, OUTDOOR-RATED	
							3		3					809	69000	6	EACH	ADVANCE RADAR DETECTION	93
							2		2					809	69100	4	EACH	STOP LINE RADAR DETECTION	93
							1		1					809	69123	2	EACH	ATC V6.24 CONTROLLER, AS PER PLAN	91

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TRAFFIC SIGNAL SUBSUMMARY

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