SHEET NUM.												PART.		ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
			4	6	8			10	11	12	13	01/IMS/OT	02/NHS/OT						
																		ROADWAY	
			LS									LS		201	11000	LS		CLEARING AND GRUBBING	
									5			5		202	75704	5	EACH	REMOVAL OF EXISTING CONTROL CENTER AND FOUNDATION	
			2									2		607	61201	2	EACH	GATE, TYPE CLT, AS PER PLAN	4
																		EROSION CONTROL	
												500	500	832	30000	1,000	EACH	EROSION CONTROL	
																		LIGHTING	
								96		34		62	68	625	00451	130	EACH	CONNECTION, FUSED PULL APART, AS PER PLAN	4
								62				62		625	00461	62	EACH	CONNECTION, UNFUSED PULL APART, AS PER PLAN	4
								32		48		8	72	625	00480	80	EACH	CONNECTION, UNFUSED PERMANENT	
								1		2			3	625	10490	3	EACH	LIGHT POLE, CONVENTIONAL, AT10B32	
								1		1			2	625	10490	2	EACH	LIGHT POLE, CONVENTIONAL, AT12B32	
								8		5			13	625	10490	13	EACH	LIGHT POLE, CONVENTIONAL, AT15B32	
								6		8			14	625	10490	14	EACH	LIGHT POLE, CONVENTIONAL, AT20B40	
								1		1			2	625	10491	2	EACH	LIGHT POLE, CONVENTIONAL, AS PER PLAN, AT20B40	4
								58				58		625	10500	58	EACH	LIGHT POLE, MISC.: LOW MAST ARM MC-102	4
								10		8			18	625	14000	18	EACH	LIGHT POLE FOUNDATION, 24" X 6' DEEP	
								6		8			14	625	14100	14	EACH	LIGHT POLE FOUNDATION, 24" X 8' DEEP	
								2,430		4,266		960	5,736	625	23200	6,696	FT	NO. 4 AWG 2400 VOLT DISTRIBUTION CABLE	
								600		450			1,050	625	23306	1,050	FT	NO. 10 AWG 600 VOLT DISTRIBUTION CABLE	
								12,746		2,709		10,100	5,355	625	23400	15,455	FT	NO. 10 AWG POLE AND BRACKET CABLE	
								338				338		625	24100	338	FT	1-1/2" DUCT CABLE WITH TWO NO. 4 AWG 2400 VOLT CABLES	
								4,768		5,691			10,459	625	24320	10,459	FT	1-1/2" DUCT CABLE WITH THREE NO. 4 AWG 2400 VOLT CABLES	
								160		100		160	100	625	25500	260	FT	CONDUIT, 3", 725.04	
								50		210			260	625	25900	260	FT	CONDUIT, JACKED OR DRILLED, 3", 725.04	
								380		742			1,122	625	25910	1,122	FT	CONDUIT CLEANED AND CABLES REMOVED	
								18		18			36	625	26253	36	EACH	LUMINAIRE, CONVENTIONAL, SOLID STATE (LED), AS PER PLAN, 480V	4
								58				58		625	26273	58	EACH	LUMINAIRE, LOW MAST, SOLID STATE (LED), AS PER PLAN, 480V	5
								4		2			6	625	27503	6	EACH	LUMINAIRE, UNDERPASS, SOLID STATE (LED), AS PER PLAN, 480V	5
								5,016		5,561		458	10,119	625	29002	10,577	FT	TRENCH, 24" DEEP	
									8		11		19	625	30700	19	EACH	PULL BOX, 725.08, 18"	
									1		2	1	2	625	30706	3	EACH	PULL BOX, 725.08, 24"	
									9		13	1	21	625	31510	22	EACH	PULL BOX REMOVED	
									16		16		32	625	32000	32	EACH	GROUND ROD	
									8		2	8	2	625	34001	10	EACH	POWER SERVICE, AS PER PLAN	5
									5,016		5,561	458	10,119	625	36010	10,577	FT	UNDERGROUND WARNING/MARKING TAPE	
												LS		SPECIAL	62540000	LS		MAINTAIN EXISTING LIGHTING	6
									16		17		33	625	75401	33	EACH	LIGHT POLE REMOVED, AS PER PLAN	5
									16		16		32	625	75500	32	EACH	LIGHT POLE FOUNDATION REMOVED	
									59		1	58	2	625	75506	60	EACH	LUMINAIRE REMOVED	
									8		2	8	2	625	75510	10	EACH	POWER SERVICE REMOVED	
											1		1	625	75800	1	EACH	DISCONNECT CIRCUIT	
									1		1		2	625	98000	2	EACH	LIGHTING, MISC.: REMOVAL OF UNDERPASS LIGHTING COMPONENTS	5
									6,380			6,380		625	98100	6,380	FT	LIGHTING, MISC.: REMOVAL AND DISPOSAL OF POLE AND BRACKET CABLE	6
				LS								LS		625	98200	LS		LIGHTING, MISC.: TEST CIRCUITS	6
									1		1		2	631	85302	2	EACH	DISCONNECT SWITCH WITH ENCLOSURE, 30 AMP	
																		MAINTENANCE OF TRAFFIC	
					150							100	50	614	11110	150	HOUR	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE	
					100							60	40	630	97800	100	SF	SIGNING, MISC.: ADDITIONAL SIGNS, GROUND MOUNTED, AS DIRECTED BY THE ENGINEER	8
																		INCIDENTALS	
												LS		614	11000	LS		MAINTAINING TRAFFIC	
												LS		624	10000	LS		MOBILIZATION	

GENERAL SUMMARY

DESIGN AGENCY

DESIGNER
FLK

REVIEWER
FLK 11/23/21

PROJECT ID
104837

SHEET P.9 TOTAL 38

CUY-LG-FY2022

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LIGHTING SUBSUMMARY

LOCATION NO.	CIRCUIT	NEW POLE NUMBER	STATION TO STATION	625 CONNECTION, FUSED PULL APART, AS PER PLAN (EACH)	625 CONNECTION, UNFUSED PULL APART, AS PER PLAN (EACH)	625 CONNECTION, UNFUSED PERMANENT (EACH)	625 LIGHT POLE, CONVENTIONAL, AT10B32 (EACH)	625 LIGHT POLE, CONVENTIONAL, AT12B32 (EACH)	625 LIGHT POLE, CONVENTIONALAT15B32 (EACH)	625 LIGHT POLE, CONVENTIONAL, AT20B40 (EACH)	625 LIGHT POLE, CONVENTIONAL, AS PER PLAN, AT20B40 (EACH)	625 LIGHT POLE, MISC.: LOW MAST ARM MC-102 (EACH)	625 LIGHT POLE FOUNDATION, 24" X 6' DEEP (EACH)	625 LIGHT POLE FOUNDATION, 24" X 8' DEEP (EACH)		625 NO. 4 AWG 2400 VOLT DISTRIBUTION CABLE (FT)	625 NO. 10 AWG 600 VOLT DISTRIBUTION CABLE (FT)	625 NO. 10 AWG POLE AND BRACKET CABLE (FT)	625 1-1/2" DUCT CABLE WITH TWO NO. 4 AWG 2400 VOLT CABLES (FT)	625 1-1/2" DUCT CABLE WITH THREE NO. 4 AWG 2400 VOLT CABLES, AS PER PLAN (FT)	625 CONDUIT, 3", 725.04 (FT)	625 CONDUIT, JACKED OR DRILLED, 725.04, 3" (FT)	625 CONDUIT CLEANED AND CABLES REMOVED (FT)		625 LUMINAIRE, CONVENTIONAL, SOLID STATE (LED), AS PER PLAN (EACH)	625 LUMINAIRE, LOW MAST, SOLID STATE (LED), AS PER PLAN (EACH)	625 LUMINAIRE, UNDERPASS, SOLID STATE (LED), AS PER PLAN (EACH)		625 TRENCH, 24" DEEP (FT)	
1	RSO		IR-490 AT W. 7TH ST.																											
	2RSO		RAMP 7-7C																											
			75+23 76+48	2	2														135										125	
2			CLAGUE RD. TO LAKEVIEW AVE.																											
			58 LOCATIONS																											
			TOTAL FOR ALL LOCATIONS	58	58							58						10100								58				
3			IR-71 AT W. 150TH ST.																											
	2PUR1		RAMP A																											
			692+63 693+62	1	1														110										100	
			693+62 694+45	1	1	2													93										83	
4	RID		RIDGE RD.																											
	SRA		STATE RD.																											
	SRB																													
	B		BROADVIEW RD.																											
	C		OLD BROOKPARK RD.																											
	D		SR-17 (GRANGER RD.)																											
	A		RAMP GE/TUXEDO AVE.			6										960					160								150	
5	1SMA	1SMA-5	922+60 926+90	2						1				1				180		440					1				430	
		1SMA-4	926+90 931+20	2						1				1				180		440					1				430	
		1SMA-3	931+20 934+50	2						1				1				180		340					1				330	
			934+50 941+70			3														730									720	
		1SMA-2	941+70 942+50	2					1				1					141		90					1				80	
			942+50 943+50			3														110									100	
		1SMA-1	943+50																						1					
			934+50													180						50								
			934+50 935+00			3														60									50	
		1SMA-6	935+00 939+00	2						1				1				180		410					1				400	
		1SMA-7	939+00 940+93	2						1				1				180		203					1				193	
			940+93 942+38			3										465							145							
		1SMA-8	942+38	2						1								180							1					
			942+50													210							60							
			42+10 40+75 SR-91			3										285				145			85						135	
		1SMA-9	40+75 36+85	2				1					1					132		400					1				390	
			UNDERPASS US-422 WB			3										120	600						30				4			
	2SMA	2SMA-8	945+25 946+90	2							1			1				180		175					1				165	
		2SMA-9	946+90 948+90	2					1				1					141		210					1				200	
		2SMA-10	948+90 950+45	2					1				1					141		165					1				155	
		2SMA-11	950+45 951+95	2					1				1					141		160					1				150	
		2SMA-12	951+95 953+44	2					1				1					141		159					1				149	
		2SMA-13	953+44 954+94	2					1				1					141		160					1				150	
		2SMA-14	954+94 955+20	2					1				1					141		36					1				26	
			955+20 956+60			3														150									140	
		2SMA-15	956+60	2					1				1					141							1					
			955+20													210							60							
			39+50 40+30 SR-91			3														90									80	
		2SMA-16	40+30 41+15	2			1						1					126		95					1				85	
TOTALS CARRIED TO GENERAL SUMMARY				96	62	32	1	1	8	6	1	58	10	6		2430	600	12746	338	4768	160	50	380		18	58	4		5016	

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DESIGN AGENCY

DESIGNER FLK

REVIEWER FLK 11/12/21

PROJECT ID 104837

SHEET P.10 TOTAL 38

LIGHTING SUBSUMMARY

LOCATION NO.	CIRCUIT	NEW POLE NUMBER	STATION TO STATION		625 CONNECTION, FUSED PULL APART, AS PER PLAN (EACH)	625 CONNECTION, UNFUSED PULL APART, AS PER PLAN (EACH)	625 CONNECTION, UNFUSED PERMANENT (EACH)	625 LIGHT POLE, CONVENTIONAL, AT10B32 (EACH)	625 LIGHT POLE, CONVENTIONAL, AT12B32 (EACH)	625 LIGHT POLE, CONVENTIONALAT15B32 (EACH)	625 LIGHT POLE, CONVENTIONAL, AT20B40 (EACH)	625 LIGHT POLE, CONVENTIONAL, AS PER PLAN, AT20B40 (EACH)	625 LIGHT POLE, MISC.: LOW MAST ARM MC-102 (EACH)	625 LIGHT POLE FOUNDATION, 24" X 6' DEEP (EACH)	625 LIGHT POLE FOUNDATION, 24" X 8' DEEP (EACH)		625 NO. 4 AWG 2400 VOLT DISTRIBUTION CABLE (FT)	625 NO. 10 AWG 600 VOLT DISTRIBUTION CABLE (FT)	625 NO. 10 AWG POLE AND BRACKET CABLE (FT)	625 1-1/2" DUCT CABLE WITH TWO NO. 4 AWG 2400 VOLT CABLES (FT)	625 1-1/2" DUCT CABLE WITH THREE NO. 4 AWG 2400 VOLT CABLES, AS PER PLAN (FT)	625 CONDUIT, 3", 725.04 (FT)	625 CONDUIT, JACKED OR DRILLED, 725.04, 3" (FT)	625 CONDUIT CLEANED AND CABLES REMOVED (FT)		625 LUMINAIRE, CONVENTIONAL, SOLID STATE (LED), AS PER PLAN (EACH)	625 LUMINAIRE, LOW MAST, SOLID STATE (LED), AS PER PLAN (EACH)	625 LUMINAIRE, UNDERPASS, SOLID STATE (LED), AS PER PLAN (EACH)		625 TRENCH, 24" DEEP (FT)	
5	SMA		41+15 SR-91	940+50 RAMP 8			12										1320					100		100						100	
(CONT.)	2SMA	2SMA-1	42+05 SR-91	940+50 RAMP 8	2			1						1					126		110					1				100	
			940+50	941+03																	65									55	
		2SMA-2	941+03	946+21	2					1				1					141		528					1				518	
		2SMA-3	946+21	950+57	2					1				1					141		446					1				436	
		2SMA-4	950+57	951+40	2					1				1					141		93					1				83	
			951+40	952+85			3														155									145	
		2SMA-5	952+85	954+90	2						1				1				180		215					1				205	
			954+90	957+92			3										936							302							
			957+92	959+30			3														148									138	
		2SMA-6	959+30		2						1				1				180							1					
		2SMA-7	951+40		2		3				1				1		180		180		35		50			1				25	
	SMB	SMB-1	926+00	932+71	2						1				1				180		681					1				671	
		SMB-2	932+71	934+15	2						1				1				180		154					1				144	
			934+15	934+91			3														86									76	
		SMB-3	934+91	941+21	2					1				1					141		640					1				630	
		SMB-4	941+21	31+35 SR-91	2					1				1					141		210					1				200	
		SMB-5	31+35	31+20	2				1					1					132		25					1				15	
			31+20				3										360						110								
		SMB-11	934+15		2		3				1				1		180		180		35					1				25	
		SMB-6	30+65	31+50 SR-91	2			1						1					126		95					1				85	
			31+50	942+75 RAMP 9																	130									120	
			942+75	952+85			3														1020									1010	
			952+85	953+27			3										156							42							
		SMB-7	953+27	955+95	2							1					834		180					268		1					
			955+95	957+00			3														115									105	
		SMB-9	957+00	961+00	2						1				1				180		410					1				400	
		SMB-9	961+00		2						1				1				180							1					
			942+75				3										180				60		50							50	
		SMB-10	32+85	35+10 SR-91																	235					1				225	
			UNDERPASS US-422 EB				3										120	450						30				2			
TOTALS CARRIED TO GENERAL SUMMARY					34		48	2	1	5	8	1		8	8		4266	450	2709		5691	100	210	742		18		2		5561	

DESIGN AGENCY

DESIGNER FLK

REVIEWER FLK 11/12/21

PROJECT ID 104837

SHEET P.12 TOTAL 38

CUY-LG-FY2022

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