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SHEET NUM.										PART.		ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
2	4	9	19							01/ERD/OT	02/ERD/OT						
213										60	153	625	26262	213	EACH	LUMINAIRE, HIGH MAST, SOLID STATE (LED), FURNISH ONLY	2
		533	1,534							533	1,534	625	26263	2,067	EACH	LUMINAIRE, HIGH MAST, SOLID STATE (LED), AS PER PLAN, 480V	2
2												625	26272	2	EACH	LUMINAIRE, LOW MAST, SOLID STATE (LED), FURNISH ONLY	2
		28										625	26273	28	EACH	LUMINAIRE, LOW MAST, SOLID STATE (LED), AS PER PLAN, 480V	2
130										25	105	625	27600	130	EACH	LUMINAIRE, MISC.: COUNTERWEIGHT, HIGH MAST	2
												625	27600	1,537	EACH	LUMINAIRE, MISC.: LUMINAIRE GLASS, REFLECTOR, AND SOCKET REMOVED	2
												625	75506	1,526	EACH	LUMINAIRE REMOVED	
		1,210										625	75507	1,210	EACH	LUMINAIRE REMOVED, AS PER PLAN	2
	1,000									250	750	614	11110	1,000	HOUR	MAINTENANCE OF TRAFFIC LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE	4
	LS									LS	LS	614	11000	LS		MAINTAINING TRAFFIC	4
										LS	LS	624	10000	LS		MOBILIZATION	

LIGHTING OPTIMI- ZATION NE OHIO

GENERAL SUMMARY

CALCULATED
 CDS
 CHECKED
 CFD

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SHEET	CALL OUT	LOCATION INFORMATION				POLE INFORMATION				625			DESCRIPTION		DESCRIPTION
		NLFID	CRS	LATITUDE	LONGITUDE	HL_FILE_NUM	TYPE	LUMINAIRE	POLE HEIGHT	LUMINAIRE REMOVED, AS PER PLAN	LUMINAIRE, HIGH MAST, SOLID STATE (LED), AS PER PLAN	LUMINAIRE, LOW MAST, SOLID STATE (LED), AS PER PLAN	MANUFACTURER 1	MANUFACTURER 2	
		EACH	EACH	EACH											
D-04, STA-77 & PORTAGE ST., SHEETS 46 TO 49															
47	ZA 1	SSTAIR00077**C	STA-77-16.530	40.878058	-81.431209	HL0032131	Tower	HPS	100	6	3		HOLOPHANE, HMLE3 PK4 30K HVOLT DGRA MAS	SPECGRADE, NAV M4 30K T5 V04 GR	
47	ZB-1	SSTARA76062**C	STA-76062-0.049	40.879389	-81.431784	HL0028636	Tower	HPS	120	6	2		HOLOPHANE, HMLE3 PK4 30K HVOLT DGRA LN	SPECGRADE, NAV M4 30K T2 V04 GR	
47	ZB-3	SSTARA76059**C	STA-76059-0.114	40.879422	-81.430867	HL0028671	Tower	HPS	120	6	2		HOLOPHANE, HMLE3 PK4 30K HVOLT DGRA LN	SPECGRADE, NAV M4 30K T2 V04 GR	
48	ZB-2	SSTARA76060**C	STA-76060-0.009	40.880617	-81.431001	HL0028693	Tower	HPS	120	6	2		HOLOPHANE, HMLE3 PK4 30K HVOLT DGRA LN	SPECGRADE, NAV M4 30K T2 V04 GR	
48	ZB-4	SSTARA76061**C	STA-76061-0.117	40.88041	-81.432089	HL0028632	Tower	HPS	120	6	2		HOLOPHANE, HMLE3 PK4 30K HVOLT DGRA LN	SPECGRADE, NAV M4 30K T4 V04 GR	
48	ZC 1	SSTAIR00077**C	STA-77-16.777	40.881516	-81.431522	HL0032132	Tower	HPS	100	6	3		HOLOPHANE, HMLE3 PK4 30K HVOLT DGRA MAS	SPECGRADE, NAV M4 30K T5 V04 GR	
48	ZC 2	SSTAIR00077**C	STA-77-16.876	40.88291	-81.431649	HL0032133	Tower	HPS	100	6	2		HOLOPHANE, HMLE3 PK4 30K HVOLT DGRA LN	SPECGRADE, NAV M4 30K T2 V04 GR	
49	ZC 3	SSTAIR00077**C	STA-77-16.957	40.884084	-81.431755	HL0032135	Tower	HPS	100	6	2		HOLOPHANE, HMLE3 PK4 30K HVOLT DGRA LN	SPECGRADE, NAV M4 30K T2 V04 GR	
49	ZC 4	SSTAIR00077**C	STA-77-17.048	40.885388	-81.431877	HL0032134	Tower	HPS	100	6	2		HOLOPHANE, HMLE3 PK4 30K HVOLT DGRA LN	SPECGRADE, NAV M4 30K T2 V04 GR	
49	ZC 5	SSTAIR00077**C	STA-77-17.137	40.886684	-81.43195	HL0032136	Tower	HPS	100	6	2		HOLOPHANE, HMLE3 PK4 30K HVOLT DGRA LN	SPECGRADE, NAV M4 30K T2 V04 GR	
D-04, STA-77 & SHUFFEL ST., SHEETS 51 TO 56															
51	A-1	SSTAIR00077**N	STA-77-17.338	40.889606	-81.432341	HL0028039	Tower	HPS	110	4	3		GE EVOLVE, ERHM02-5-70-C3-730-N-4B-GRAY	HOLOPHANE, HMLE4 P4 30K HVOLT HGR MAS	
51	A-2	SSTAIR00077**N	STA-77-17.424	40.890843	-81.432263	HL0028029	Tower	HPS	100	4	3		GE EVOLVE, ERHM02-5-70-C3-730-N-4B-GRAY	HOLOPHANE, HMLE4 P4 30K HVOLT HGR MAS	
51	A-3	SSTAIR00077**N	STA-77-17.512	40.892119	-81.432117	HL0028010	Tower	HPS	100	4	3		GE EVOLVE, ERHM02-5-70-C3-730-N-4B-GRAY	HOLOPHANE, HMLE4 P4 30K HVOLT HGR MAS	
52	A-4	SSTAIR00077**N	STA-77-17.597	40.893334	-81.431894	HL0027998	Tower	HPS	100	6	3		GE EVOLVE, ERHM02-5-70-C3-730-N-4B-GRAY	HOLOPHANE, HMLE4 P4 30K HVOLT HGR MAS	
52	A-5	SSTAIR00077**N	STA-77-17.733	40.895277	-81.431382	HL0027990	Tower	HPS	100	6	3		GE EVOLVE, ERHM02-5-70-C3-730-N-4B-GRAY	HOLOPHANE, HMLE4 P4 30K HVOLT HGR MAS	
52	A-6	SSTAIR00077**C	STA-77-17.668	40.89427	-81.430818	HL0028055	Tower	HPS	100	6	3		GE EVOLVE, ERHM02-5-70-C3-730-N-4B-GRAY	HOLOPHANE, HMLE4 P4 30K HVOLT HGR MAS	
52	B-4	SSTARA76148**C	STA-76148-0.237	40.895891	-81.432762	HL0027980	Tower	HPS	110	4	1		GE EVOLVE, ERHM02-5-70-C3-730-N-4B-GRAY	HOLOPHANE, HMLE4 P4 30K HVOLT HGR MAS	
53	A-7	SSTAIR00077**C	STA-77-17.815	40.89636	-81.430374	HL0028068	Tower	HPS	100	6	3		GE EVOLVE, ERHM02-5-70-C3-730-N-4B-GRAY	HOLOPHANE, HMLE4 P4 30K HVOLT HGR MAS	
53	B-5	SSTARA76147**C	STA-76147-0.062	40.897177	-81.431538	HL0032707	Tower	HPS	100	4	3		GE EVOLVE, ERHM02-5-70-C3-730-N-4B-GRAY	HOLOPHANE, HMLE4 P4 30K HVOLT HGR MAS	
53	B-8	SSTAIR00077**C	STA-77-17.899	40.897547	-81.430112	HL0028078	Tower	HPS	100	6	3		GE EVOLVE, ERHM02-5-70-C3-730-N-4B-GRAY	HOLOPHANE, HMLE4 P4 30K HVOLT HGR MAS	
53	C-6	SSTARA76145**C	STA-76145-0.033	40.898117	-81.428822	HL0028095	Tower	HPS	100	6	3		GE EVOLVE, ERHM02-5-70-C3-730-N-4B-GRAY	HOLOPHANE, HMLE4 P4 30K HVOLT HGR MAS	
53	B-7	SSTAIR00077**N	STA-77-17.969	40.898685	-81.430753	HL0027884	Tower	HPS	100	6	3		GE EVOLVE, ERHM02-5-70-C3-730-N-4B-GRAY	HOLOPHANE, HMLE4 P4 30K HVOLT HGR MAS	
53	C-5	SSTARA76144**C	STA-76144-0.108	40.899634	-81.429669	HL0028106	Tower	HPS	100	6	3		GE EVOLVE, ERHM02-5-70-C3-730-N-4B-GRAY	HOLOPHANE, HMLE4 P4 30K HVOLT HGR MAS	
54	C-2	SSTAIR00077**C	STA-77-18.305	40.903333	-81.428817	HL0028135	Tower	HPS	110	4	3		GE EVOLVE, ERHM02-5-70-C3-730-N-4B-GRAY	HOLOPHANE, HMLE4 P4 30K HVOLT HGR MAS	
54	C-3	SSTARA76144**C	STA-76144-0.270	40.902029	-81.429052	HL0028124	Tower	HPS	110	4	3		GE EVOLVE, ERHM02-5-70-C3-730-N-4B-GRAY	HOLOPHANE, HMLE4 P4 30K HVOLT HGR MAS	
54	C-4	SSTARA76144**C	STA-76144-0.189	40.900799	-81.429337	HL0028625	Tower	HPS	100	6	3		GE EVOLVE, ERHM02-5-70-C3-730-N-4B-GRAY	HOLOPHANE, HMLE4 P4 30K HVOLT HGR MAS	
55	C-1	SSTAIR00077**C	STA-77-18.394	40.904611	-81.428559	HL0028142	Tower	HPS	100	4	3		GE EVOLVE, ERHM02-5-70-C3-730-N-4B-GRAY	HOLOPHANE, HMLE4 P4 30K HVOLT HGR MAS	
56	B-1	SSTARA76156**C	STA-76156-0.012	40.898545	-81.433898	HL0027964	Tower	HPS	110	6	3		GE EVOLVE, ERHM02-5-70-C3-730-N-4B-GRAY	HOLOPHANE, HMLE4 P4 30K HVOLT HGR MAS	
56	B-2	SSTARA76147**C	STA-76147-0.234	40.897578	-81.433947	HL0027951	Tower	HPS	100	4	1		GE EVOLVE, ERHM02-5-70-C3-730-N-4B-GRAY	HOLOPHANE, HMLE4 P4 30K HVOLT HGR MAS	
56	B-3	SSTARA76147**C	STA-76147-0.150	40.896936	-81.432912	HL0027939	Tower	HPS	110	4	1		GE EVOLVE, ERHM02-5-70-C3-730-N-4B-GRAY	HOLOPHANE, HMLE4 P4 30K HVOLT HGR MAS	
56	B-6	SSTARA76147**C	STA-76147-0.016	40.898128	-81.4323	HL0027895	Tower	HPS	110	4	1		GE EVOLVE, ERHM02-5-70-C3-730-N-4B-GRAY	HOLOPHANE, HMLE4 P4 30K HVOLT HGR MAS	
D-04, STA-62 & MARKET ST., SHEET 58															
58	IME-1	SSTARA76104**C	STA-76104-0.041	40.82959	-81.365421	HL0029087	Tower	HPS	110	6	2		GE EVOLVE, ERHM-02-5-C3-7-30-N-4B-GRAY	HOLOPHANE, HMLE4 P4 30K HVOLT HGR MAS	
58	IME-2	SSTAUS00062**N	STA-62-24.175	40.830537	-81.363817	HL0029089	Tower	HPS	100	6	2		GE EVOLVE, ERHM-02-5-C3-7-30-N-4B-GRAY	HOLOPHANE, HMLE4 P4 30K HVOLT HGR MAS	
58	IME-3	SSTAUS00062**C	STA-62-24.271	40.830602	-81.361994	HL0029088	Tower	HPS	100	4	2		GE EVOLVE, ERHM-02-5-C3-7-30-N-4B-GRAY	HOLOPHANE, HMLE4 P4 30K HVOLT HGR MAS	
D-04, STA-77 & 12TH ST., SHEETS 60 TO 63															
60	2B1	SSTAIR00077**C	STA-77-10.552	40.800606	-81.396673	HL0032099	Tower	HPS	100	6	2		HOLOPHANE, HMLE4 P4 30K HVOLT HGR MAS	COOPER, CST-CAB-480-730-8-T3-AP	
60	2B2	SSTARA76038**C	STA-76038-0.038	40.800488	-81.395549	HL0007364	Low Mast	HPS	50	1		1	HOLOPHANE, HMLE4 P2 30K HVOLT HGR AWS, WITH SHIELD	COOPER, CST-CAB-230-730-8-T5-AP, WITH SHIELD	
60	2B3	SSTARA76038**C	STA-76038-0.015	40.800354	-81.395179	HL0006442	Low Mast	HPS	50	1		1	HOLOPHANE, HMLE4 P2 30K HVOLT HGR AWS, WITH SHIELD	COOPER, CST-CAB-230-730-8-T5-AP, WITH SHIELD	
60	2B4	SSTAIR00077**C	STA-77-10.659	40.801917	-81.39776	HL0032096	Tower	HPS	100	6	3		HOLOPHANE, HMLE4 P2 30K HVOLT HGR AWS, WITH SHIELD	COOPER, CST-CAB-480-730-8-T3-AP, WITH SHIELD	
60	2B5	SSTARA76153**C	STA-76153-0.035	40.801075	-81.397858	HL0009335	Low Mast	HPS	50	1		1	HOLOPHANE, HMLE4 P2 30K HVOLT HGR AWS, WITH SHIELD	COOPER, CST-CAB-230-730-8-T5-AP, WITH SHIELD	
60	2B6	SSTARA76153**C	STA-76153-0.072	40.800547	-81.397805	HL0008937	Low Mast	HPS	50	1		1	HOLOPHANE, HMLE4 P2 30K HVOLT HGR AWS, WITH SHIELD	COOPER, CST-CAB-230-730-8-T5-AP, WITH SHIELD	
60	2B7	SSTARA76153**C	STA-76153-0.111	40.799967	-81.397821	HL0002814	Low Mast	HPS	50	1		1	HOLOPHANE, HMLE4 P2 30K HVOLT HGR AWS, WITH SHIELD	COOPER, CST-CAB-230-730-8-T5-AP, WITH SHIELD	
61	2B8	SSTAIR00077**C	STA-77-10.744	40.803148	-81.39797	HL0032095	Tower	HPS	100	6	2		HOLOPHANE, HMLE4 P4 30K HVOLT HGR MAS, WITH SHIELD	COOPER, CST-CAB-480-730-8-T3-AP, WITH SHIELD	
61	HA3	SSTAIR00077**C	STA-77-10.925	40.805738	-81.397591	HL0032092	Tower	HPS	100	6	2		HOLOPHANE, HMLE4 P4 30K HVOLT HGR MAS, WITH SHIELD	COOPER, CST-CAB-330-730-8-T3-AP, WITH SHIELD	
61	HA4	SSTAIR00077**C	STA-77-10.833	40.804432	-81.397791	HL0032093	Tower	HPS	100	6	2		HOLOPHANE, HMLE4 P4 30K HVOLT HGR MAS, WITH SHIELD	COOPER, CST-CAB-330-730-8-T3-AP, WITH SHIELD	
62	HA2	SSTAIR00077**C	STA-77-11.021	40.807112	-81.397512	HL0032091	Tower	HPS	100	6	2		HOLOPHANE, HMLE4 P4 30K HVOLT HGR MAS, WITH SHIELD	COOPER, CST-CAB-330-730-8-T3-AP, WITH SHIELD	
62	HB1	SSTAIR00077**C	STA-77-11.113	40.808436	-81.397573	HL0032090	Tower	HPS	100	6	2		HOLOPHANE, HMLE4 P4 30K HVOLT HGR MAS, WITH SHIELD	COOPER, CST-CAB-330-730-8-T3-AP, WITH SHIELD	
62	HB2	SSTAIR00077**C	STA-77-11.193	40.809577	-81.397636	HL0032088	Tower	HPS	100	6	2		HOLOPHANE, HMLE4 P4 30K HVOLT HGR MAS	COOPER, CST-CAB-480-730-8-T3-AP	
63	HA1	SSTARA76155**C	STA-76155-0.010	40.810162	-81.398161	HL0020715	Low Mast	HPS	50	1		1	HOLOPHANE, HMLE4 P2 30K HVOLT HGR AWS	COOPER, CST-CAB-230-730-8-T5-AP	
63	HB3	SSTAIR00077**C	STA-77-11.278	40.810823	-81.397705	HL0032086	Tower	HPS	100	6	3		HOLOPHANE, HMLE4 P4 30K HVOLT HGR MAS	COOPER, CST-CAB-330-730-8-T3-AP	
63	HB4	SSTARA76039**C	STA-76039-0.112	40.811198	-81.397233	HL0024637	Low Mast	HPS	50	1		1	HOLOPHANE, HMLE4 P2 30K HVOLT HGR AWS	COOPER, CST-CAB-230-730-8-T5-AP	
63	HC1	SSTAIR00077**N	STA-77-11.307	40.811313	-81.39836	HL0023928	Low Mast	HPS	50	1		1	HOLOPHANE, HMLE4 P2 30K HVOLT HGR AWS	COOPER, CST-CAB-230-730-8-T5-AP	
63	HC2	SSTAIR00077**C	STA-77-11.361	40.812046	-81.397635	HL0032085	Tower	HPS	100	6	2		HOLOPHANE, HMLE4 P4 30K HVOLT HGR MAS, WITH SHIELD	COOPER, CST-CAB-330-730-8-T3-AP, WITH SHIELD	
63	HC3	SSTAIR00077**C	STA-77-11.449	40.81333	-81.397404	HL0032083	Tower	HPS	100	6	2		HOLOPHANE, HMLE4 P4 30K HVOLT HGR MAS	COOPER, CST-CAB-330-730-8-T3-AP	
63	HC4	SSTAIR00077**C	STA-77-11.346	40.811798	-81.397222	HL0001338	Low Mast	HPS	50	1		1	HOLOPHANE, HMLE4 P2 30K HVOLT HGR AWS	COOPER, CST-CAB-230-730-8-T5-AP	
63	HC5	SSTAIR00077**C	STA-77-11.401	40.812593	-81.39713	HL0024206	Low Mast	HPS	50	1		1	HOLOPHANE, HMLE4 P2 30K HVOLT HGR AWS	COOPER, CST-CAB-230-730-8-T5-AP	
D-04, STA-77 & 6TH ST., SHEETS 65 TO 70															
65	IA5	SSTAIR00077**N	STA-77-9.469	40.787576	-81.386017	HL0032117	Tower	HPS	100	6	2		HOLOPHANE, HMLE3 PK4 30K HVOLT DGRA NAS	GE LIGHTING, ERHM02-5-70-B3-730-GRAY	
65	IA4	SSTAIR00077**C	STA-77-9.559	40.788769	-81.386605	HL0032116	Tower	HPS	100	6	2		HOLOPHANE, HMLE3 PK4 30K HVOLT DGRA NAS	GE LIGHTING, ERHM02-5-70-B3-730-GRAY	
65	IA3	SSTAIR00077**C	STA-77-9.652	40.790006	-81.387237	HL0032114	Tower	HPS	100	6	2		HOLOPHANE, HMLE3 PK4 30K HVOLT DGRA NAS	GE LIGHTING, ERHM02-5-70-B3-730-GRAY	
66	IA2	SSTAIR00077**N	STA-77-9.747	40.791347	-81.387914	HL0032112	Tower	HPS	100	6	2		HOLOPHANE, HMLE3 PK4 30K HVOLT DGRA NAS	GE LIGHTING, ERHM02-5-70-B3-730-GRAY	
66	IA1	SSTAIR00077**C	STA-77-9.839	40.792633	-81.388501	HL0032111	Tower	HPS	100	6	2		HOLOPHANE, HMLE3 PK4 30K		

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SHEET	CALL OUT	LOCATION INFORMATION				POLE INFORMATION				625				DESCRIPTION		DESCRIPTION	
		NLFD	CRS	LATITUDE	LONGITUDE	HL_FILE_NUM	TYPE	LUMINAIRE	POLE HEIGHT	LUMINAIRE REMOVED	LUMINAIRE, HIGH MAST, SOLID STATE (LED), AS PER PLAN	LUMINAIRE, LOW MAST, SOLID STATE (LED), AS PER PLAN	LUMINAIRE, MISC.: LUMINAIRE GLASS, REFLECTOR, AND SOCKET REMOVED	MANUFACTURER 1	MANUFACTURER 2		
										EACH	EACH	EACH	EACH				
D12, LAK-90 & LAK-91, SHEETS 245 TO 248																	
246	MGR2-1	SLAKIRO0090**C	LAK-90-4.180	41.609826	-81.426728	HL0031151	Tower	HPS	100	4	4		2	HOLOPHANE, HMLED4 P4 30K HVOLT HGR FTA	COOPER, CST-CA8-480-730- 8-T4-AP		
247	MGR2-2	SLAKIRO0090**C	LAK-90-4.276	41.610693	-81.425296	HL0031133	Tower	HPS	100	4	4		2	HOLOPHANE, HMLED4 P4 30K HVOLT HGR FTA	COOPER, CST-CA8-480-730- 8-T4-AP		
247	MGR2-3	SLAKIRO0090**C	LAK-90-4.372	41.611566	-81.423885	HL0031130	Tower	HPS	100	4	4		2	HOLOPHANE, HMLED4 P4 30K HVOLT HGR FTA	COOPER, CST-CA8-480-730- 8-T4-AP		
247	MGR2-4	SLAKIRO0090**C	LAK-90-4.467	41.612432	-81.422469	HL0031126	Tower	HPS	100	4	4		2	HOLOPHANE, HMLED4 P4 30K HVOLT HGR FTA	COOPER, CST-CA8-480-730- 8-T4-AP		
247	MGR2-5	SLAKIRO0090**N	LAK-90-4.560	41.613303	-81.421087	HL0031124	Tower	HPS	100	4	4		2	HOLOPHANE, HMLED4 P4 30K HVOLT HGR FTA	COOPER, CST-CA8-480-730- 8-T4-AP		
247	RIVI-5	SLAKIRO0090**C	LAK-90-4.755	41.615038	-81.418215	HL0031119	Tower	HPS	100	4	4		2	HOLOPHANE, HMLED4 P4 30K HVOLT HGR FTA	COOPER, CST-CA8-480-730- 8-T4-AP		
247	RIVI-6	SLAKIRO0090**C	LAK-90-4.658	41.614161	-81.419644	HL0031122	Tower	HPS	100	4	4		2	HOLOPHANE, HMLED4 P4 30K HVOLT HGR FTA	COOPER, CST-CA8-480-730- 8-T4-AP		
248	RIVI-1	SLAKIRO0090**C	LAK-90-5.152	41.618682	-81.41236	HL0031111	Tower	HPS	110	4	4		2	HOLOPHANE, HMLED4 P4 30K HVOLT HGR FTA	COOPER, CST-CA8-480-730- 8-T4-AP		
248	RIVI-2	SLAKIRO0090**C	LAK-90-5.054	41.617775	-81.413788	HL0032415	Tower	HPS	110	4	4		2	HOLOPHANE, HMLED4 P4 30K HVOLT HGR FTA	COOPER, CST-CA8-480-730- 8-T4-AP		
248	RIVI-3	SLAKIRO0090**C	LAK-90-4.855	41.615932	-81.416709	HL0031115	Tower	HPS	110	4	4		2	HOLOPHANE, HMLED4 P4 30K HVOLT HGR FTA	COOPER, CST-CA8-480-730- 8-T4-AP		
248	RIVI-4	SLAKIRO0090**C	LAK-90-4.955	41.61685	-81.415236	HL0031116	Tower	HPS	110	4	4		2	HOLOPHANE, HMLED4 P4 30K HVOLT HGR FTA	COOPER, CST-CA8-480-730- 8-T4-AP		
D12, CUY-271 & CUY-480, SHEETS 250 TO 259																	
250	DB1	SCUYIRO0271**C	CUY-271-5.149	41.423611	-81.508782	HL0032817	Tower	HPS	100	2	2		4	HOLOPHANE, HMLED4 P4 30 HVOLT HGR MAS	COOPER, CST-CA8-480-730-8-T3-AP		
250	DB2	SCUYIRO0271**C	CUY-271-5.072	41.422463	-81.508941	HL0032815	Tower	HPS	100	2	2		4	HOLOPHANE, HMLED4 P4 30 HVOLT HGR MAS	COOPER, CST-CA8-480-730-8-T3-AP		
250	DB3	SCUYIRO0271**C	CUY-271-4.983	41.421141	-81.508955	HL0030554	Tower	HPS	100	2	2		4	HOLOPHANE, HMLED4 P4 30 HVOLT HGR MAS	COOPER, CST-CA8-480-730-8-T3-AP		
250	DB4	SCUYIRO0271**C	CUY-271-4.896	41.419857	-81.508873	HL0030549	Tower	HPS	100	2	2		4	HOLOPHANE, HMLED4 P4 30 HVOLT HGR MAS	COOPER, CST-CA8-480-730-8-T3-AP		
250	DB5	SCUYIRO0271**C	CUY-271-4.812	41.418607	-81.508669	HL0030548	Tower	HPS	100	2	2		4	HOLOPHANE, HMLED4 P4 30 HVOLT HGR MAS	COOPER, CST-CA8-480-730-8-T3-AP		
251	DA2	SCUYIRO0271**C	CUY-271-5.256	41.425182	-81.508367	HL0030572	Tower	HPS	100	2	2		4	HOLOPHANE, HMLED4 P4 30 HVOLT HGR MAS	COOPER, CST-CA8-480-730-8-T3-AP		
251	DA4	SCUYRA18308**C	CUY-18308-0.291	41.426469	-81.508316	HL0030744	Tower	HPS	100	3	3		3	HOLOPHANE, HMLED4 P4 30 HVOLT HGR MAS	COOPER, CST-CA8-480-730-8-T3-AP		
251	DA6	SCUYRA18304**C	CUY-18304-0.171	41.427077	-81.506953	HL0030527	Tower	HPS	100	2	2		4	HOLOPHANE, HMLED4 P4 30 HVOLT HGR MAS	COOPER, CST-CA8-480-730-8-T3-AP		
252	DA7	SCUYIRO0271**N	CUY-271-5.421	41.427792	-81.507883	HL0030740	Tower	HPS	110	4	4		2	HOLOPHANE, HMLED4 P4 30 HVOLT HGR MAS	COOPER, CST-CA8-480-730-8-T3-AP		
252	DA9	SCUYRA18304**C	CUY-18304-0.270	41.428153	-81.505656	HL0030530	Tower	HPS	100	2	2		4	HOLOPHANE, HMLED4 P4 30 HVOLT HGR MAS	COOPER, CST-CA8-480-730-8-T2-AP		
252	HA5	SCUYRA18305**C	CUY-18305-0.124	41.428568	-81.503789	HL0030533	Tower	HPS	110	2	2		4	HOLOPHANE, HMLED4 P4 30 HVOLT HGR MAS	COOPER, CST-CA8-480-730-8-T2-AP		
253	BA9	SCUYIRO0480**NC	CUY-480-1.473	41.429594	-81.504461	HL0030980	Tower	HPS	110	4	4		2	HOLOPHANE, HMLED4 P4 30 HVOLT HGR MAS	COOPER, CST-CA8-480-730-8-T3-AP		
253	DA11	SCUYIRO0271**N	CUY-271-5.538	41.429275	-81.506336	HL0030735	Tower	HPS	100	4	4		2	HOLOPHANE, HMLED4 P4 30 HVOLT HGR MAS	COOPER, CST-CA8-480-730-8-T3-AP		
254	FA4	SCUYIRO0480**NC	CUY-480-1.821	41.433677	-81.500441	HL0030987	Tower	HPS	100	3	3		3	HOLOPHANE, HMLED4 P4 30 HVOLT HGR MAS	COOPER, CST-CA8-480-730-8-T3-AP		
254	FA5	SCUYIRO0480**NC	CUY-480-1.743	41.432487	-81.500834	HL0030985	Tower	HPS	100	2	2		4	HOLOPHANE, HMLED4 P4 30 HVOLT HGR MAS	COOPER, CST-CA8-480-730-8-T2-AP		
254	FA6	SCUYIRO0271**C	CUY-271-5.832	41.432266	-81.502648	HL0030580	Tower	HPS	100	2	2		4	HOLOPHANE, HMLED4 P4 30 HVOLT HGR MAS	COOPER, CST-CA8-480-730-8-T2-AP		
254	GA5	SCUYUS00422**C	CUY-422-13.387	41.434105	-81.501966	HL0030698	Tower	HPS	110	3	3		3	HOLOPHANE, HMLED4 P4 30 HVOLT HGR MAS	COOPER, CST-CA8-480-730-8-T3-AP		
254	GA7	SCUYIRO0271**N	CUY-271-5.855	41.433272	-81.502805	HL0030705	Tower	HPS	100	3	3		3	HOLOPHANE, HMLED4 P4 30 HVOLT HGR MAS	COOPER, CST-CA8-480-730-8-T3-AP		
254	GA8	SCUYIRO0480**NN	CUY-480-1.574	41.432234	-81.504274	HL0030711	Tower	HPS	100	2	2		4	HOLOPHANE, HMLED4 P4 30 HVOLT HGR MAS	COOPER, CST-CA8-480-730-8-T3-AP		
255	FA2	SCUYIRO0480**NC	CUY-480-1.911	41.434846	-81.499431	HL0030659	Tower	HPS	100	3	3		3	HOLOPHANE, HMLED4 P4 30 HVOLT HGR MAS	COOPER, CST-CA8-480-730-8-T3-AP		
255	GA1	SCUYUS00422**C	CUY-422-13.277	41.435467	-81.500839	HL0030617	Tower	HPS	100	3	3		3	HOLOPHANE, HMLED4 P4 30 HVOLT HGR MAS	COOPER, CST-CA8-480-730-8-T3-AP		
255	GA2	SCUYIRO0271**N	CUY-271-6.129	41.436452	-81.499763	HL0030612	Tower	HPS	100	2	2		4	HOLOPHANE, HMLED4 P4 30 HVOLT HGR MAS	COOPER, CST-CA8-480-730-8-T2-AP		
256	BA5	SCUYIRO0480**NC	CUY-480-1.636	41.431034	-81.501897	HL0030984	Tower	HPS	100	2	2		4	HOLOPHANE, HMLED4 P4 30 HVOLT HGR MAS	COOPER, CST-CA8-480-730-8-T2-AP		
256	BA6	SCUYIRO0480**NC	CUY-480-1.554	41.43015	-81.503015	HL0030981	Tower	HPS	100	4	4		2	HOLOPHANE, HMLED4 P4 30 HVOLT HGR MAS	COOPER, CST-CA8-480-730-8-T3-AP		
256	BA7	SCUYIRO0271**C	CUY-271-5.758	41.431451	-81.503603	HL0030578	Tower	HPS	100	3	3		3	HOLOPHANE, HMLED4 P4 30 HVOLT HGR MAS	COOPER, CST-CA8-480-730-8-T3-AP		
257	BA1	SCUYRA18307**C	CUY-18307-0.098	41.430259	-81.499389	HL0030433	Tower	HPS	110	2	2		2	HOLOPHANE, HMLED4 P4 30 HVOLT HGR MAS	COOPER, CST-CA8-480-730-8-T3-AP		
257	BA3	SCUYRA18307**C	CUY-18307-0.182	41.430626	-81.500986	HL0030439	Tower	HPS	100	2	2		4	HOLOPHANE, HMLED4 P4 30 HVOLT HGR MAS	COOPER, CST-CA8-480-730-8-T2-AP		
257	BB2	SCUYUS00422**N	CUY-422-13.659	41.431779	-81.499896	HL0030650	Tower	HPS	100	2	2		4	HOLOPHANE, HMLED4 P4 30 HVOLT HGR MAS	COOPER, CST-CA8-480-730-8-T2-AP		
257	CA1	SCUYRA18307**C	CUY-18307-0.033	41.429679	-81.498297	HL0030425	Tower	HPS	100	2	2		2	HOLOPHANE, HMLED4 P4 30 HVOLT HGR MAS	COOPER, CST-CA8-480-730-8-T3-AP		
257	CA5	SCUYRA18303**C	CUY-18303-0.259	41.429199	-81.500149	HL0030628	Tower	HPS	110	2	2		4	HOLOPHANE, HMLED4 P4 30 HVOLT HGR MAS	COOPER, CST-CA8-480-730-8-T2-AP		
257	CA6	SCUYRA18303**C	CUY-18303-0.174	41.429766	-81.501403	HL0032793	Tower	HPS	130	3	3		3	HOLOPHANE, HMLED4 P4 30 HVOLT HGR MAS	COOPER, CST-CA8-480-730-8-T3-AP		
258	CA3	SCUYUS00422**C	CUY-422-14.011	41.429258	-81.496412	NOT AVAILABLE	Tower	HPS	100	2	2		2	HOLOPHANE, HMLED4 P4 30 HVOLT HGR MAS	COOPER, CST-CA8-480-730-8-T3-AP		
258	CA4	SCUYUS00422**C	CUY-422-14.012	41.428644	-81.494993	HL0030636	Tower	HPS	100	2	2		2	HOLOPHANE, HMLED4 P4 30 HVOLT HGR MAS	COOPER, CST-CA8-480-730-8-T2-AP		
259	HA1	SCUYRA18305**C	CUY-18305-0.398	41.424509	-81.503448	HL0030544	Tower	HPS	100	1	1		3	HOLOPHANE, HMLED4 P4 30 HVOLT HGR MAS	COOPER, CST-CA8-480-730-8-T2-AP		
259	HA2	SCUYRA18305**C	CUY-18305-0.329	41.425505	-81.503467	HL0030541	Tower	HPS	110	1	1		3	HOLOPHANE, HMLED4 P4 30 HVOLT HGR MAS	COOPER, CST-CA8-480-730-8-T2-AP		
259	HA3	SCUYRA18305**C	CUY-18305-0.256	41.426587	-81.503468	HL0030538	Tower	HPS	110	1	1		3	HOLOPHANE, HMLED4 P4 30 HVOLT HGR MAS	COOPER, CST-CA8-480-730-8-T2-AP		
259	HA4	SCUYRA18305**C	CUY-18305-0.176	41.427724	-81.503502	HL0030535	Tower	HPS	100	1	1		3	HOLOPHANE, HMLED4 P4 30 HVOLT HGR MAS	COOPER, CST-CA8-480-730-8-T2-AP		
TOTAL CARRIED FROM THIS SHEET										122	130	0	138				
TOTAL CARRIED FROM SHEET 10										146	146	0	202				
TOTAL CARRIED FROM SHEET 11										141	141	0	133				
TOTAL CARRIED FROM SHEET 12										140	140	0	140				
TOTAL CARRIED FROM SHEET 13										113	113	0	174				
TOTAL CARRIED FROM SHEET 14										185	185	0	140				
TOTAL CARRIED FROM SHEET 15										196	196	0	174				
TOTAL CARRIED FROM SHEET 16										183	183	0	149				
TOTAL CARRIED FROM SHEET 17										154	154	0	174				
TOTAL CARRIED FROM SHEET 18										146	146	0	113				
DISTRICT 12 TOTALS CARRIED TO GENERAL SUMMARY SHEET										1526	1534	0	1537				

LIGHTING SUBSUMMARY

LIGHTING OPTIMIZATION - OHIO

CALCULATED
 CDS
 CHECKED
 CFD