

SUB-SUMMARY

CALC. BY: _____	LAK-20-7.30 AND VARIOUS	OHIO
DATE: _____		FHWA REGION 5
CHKD. BY: _____		FEDERAL PROJECT
DATE: _____	F-69 (110) M-1D99 (26)	

ITEM	M-1D99 (26)						F-69 (110)						M-1D99 (26)						F			M-1D99 (26)						TOTALS TO SHEET 4B			ITEM	ITEM EXT.	UNIT	DESCRIPTION	AS PER PLAN SHEET							
	SHEET NUMBER																		PARTICIPATION																							
	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	M	F	C	6	7	8	9	10	11	12						13	14	15	16	17	18	19
625	443	156	528	135	777	614	385	310	251	11	120	361		200	73	5	415	663	751	261	5377	1082	625	25100	LIN. FT.	CONDUIT, 1", 713.04																
625		57	4	64	19	16		2	354	548	4	4		16			18	44	10	21	273	908	625	25400	LIN. FT.	CONDUIT, 2", 713.04																
625		13	4	10	6			2	118	10	4	4					27	36	10	6	116	134	625	25500	LIN. FT.	CONDUIT, 3", 713.04																
625																	26				26		625	25900	LIN. FT.	CONDUIT, JACKED OR DRILLED UNDER PAVEMENT, SIZE: 3"																
625	443	213	514	181	800	614	385	312	568	524	126	365		208	73	5	448	698	761	272	5590	1920	625	29000	LIN. FT.	TRENCH																
625			18	14				7	61			10									10	52	68	625	29500	LIN. FT.	TRENCH IN PAVED AREA, TYPE A															
625									55	15												70		625	29600	LIN. FT.	TRENCH IN PAVED AREA, TYPE B															
625	5	4	5	5	10	7	7	4	8	9	2	7		6	3	1	8	8	4	5	77	31	625	30700	EA.	PULL BOX, 713.08, 18"																
625	6	3	4	2	3	5	4	3	1	5	5	6	1	4	6	1	2	4	3	5	54	19	625	32000	EA.	GROUND ROD																
632	4	6	4	6	6	8	4	6	6	8	6	8	2	5	8	6	3	5	5	6	76	36	632	00303	EA.	VEHICULAR SIGNAL HEAD, 3 SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN	3A															
632	1	2																			3		632	00403	EA.	VEHICULAR SIGNAL HEAD, 4 SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN	3A															
632	1	1	2	2	2		2	2	2					3			5	1	1	2	20	6	632	00503	EA.	VEHICULAR SIGNAL HEAD, 5 SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN	3A															
632													1								1		632	01103	EA.	VEHICULAR SIGNAL HEAD, 3 SECTION, 12" LENS, 2-WAY, POLYCARBONATE, AS PER PLAN	3A															
632	4	6	4	4	4		4	6		8	4	6	2	6	6		8	6	2	6	64	22	632	20600	EA.	PEDESTRIAN SIGNAL HEAD, TYPE D2																
632	6	9	6	8	8	8	6	8	8	8	6	8	4	8	8	6	8	6	6	8	101	42	632	25000	EA.	COVERING OF VEHICULAR SIGNAL HEAD																
632	2	6	3	4	2	4	4	6	8	2	6	2	6	6			8	6	2	6	63	20	632	26000	EA.	PEDESTRIAN PUSH BUTTON																
632	4	8	3	4	4	4	8	6	8	5	4	6	6	5			7	7	8	7	73	31	632	27005	EA.	LOOP DETECTOR UNIT, AS PER PLAN	3A															
632	2	1	2	4	4	2	1	4	2	1	1	1		3	2		4	2			27	9	632	27009	EA.	LOOP DETECTOR UNIT, DELAY AND EXTENSION TYPE (732.08), AS PER PLAN	3A															
632	194	623	372	715	406	279	601	793	148	344	264	399		688	484		1071	408	494	638	6771	2150	632	27500	LIN. FT.	LOOP DETECTOR PAVEMENT CUTTING																
632	25	100	93	444	322	120		267			291	214		484	282	103					2084	661	632	30000	LIN. FT.	MESSENGER WIRE, 3 STRAND, 1/4" DIAMETER WITH ACCESSORIES																
632	308	402	260	335	225	225		307		246	250	244		279	308	188					279	2865	991	632	30200	LIN. FT.	MESSENGER WIRE, 7 STRAND, 3/8" DIAMETER WITH ACCESSORIES															
632	319				144	529					140											992	140	632	40300	LIN. FT.	SIGNAL CABLE, 3 CONDUCTOR, NO. 14 AWG															
632	305	442	595	767	432	525	943	788	1057	1030	620	716	745	470	891	345		691	754	711	8044	4783	632	40500	LIN. FT.	SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG																
632	405	618	430	311	297		287	244	474		34			438	378		862	245	110	249	4343	1039	632	40700	LIN. FT.	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG																
632		432		54				145	299			343		196			940	179		188	2332	444	632	40900	LIN. FT.	SIGNAL CABLE, 9 CONDUCTOR, NO. 14 AWG																
632																							632	53202	LIN. FT.	INTERCONNECT CABLE, 6 PAIR NO. 19 AWG SOLID, REA (PE 39)																
632																							632	62802	LIN. FT.	INTERCONNECT CABLE, INTEGRAL MESSENGER WIRE TYPE, 6 PAIR, NO. 19 AWG SOLID, REA (PE-38), AS PER PLAN	3A															
632	620	1592	1042	2000	1246	868	1674	2166	560	960	850	1160		1900	1326		3004	1132	1318	1706	18914	6210	632	64900	LIN. FT.	LOOP DETECTOR WIRE, TYPE E																
632	1837	2401	1154	1965	2106	1391	2823	2736	3002	1668	1642	1592		2194	2294		2804	2771	2924	1749	27182	11871	632	65200	LIN. FT.	LOOP DETECTOR LEAD-IN CABLE																
632	35		25	34	34	50		48	30	53	48	48	15	48	32		50	43	251	54	719	179	632	67300	LIN. FT.	POWER CABLE, 3 CONDUCTOR, NO. 8 AWG																
632		35				125		107		72	60	53		82	10						42	347	239	632	69700	LIN. FT.	SERVICE CABLE, 3 CONDUCTOR, NO. 8 AWG															
632		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	13	6	632	70000	EA.	POWER SERVICE																
632				1	1		2	1		2	1			2	2	1	3		2	1	13	6	632	70200	EA.	CONDUIT RISER, 1" DIAMETER																
632														2							2		632	70300	EA.	CONDUIT RISER, 1-1/2" DIAMETER																
632		2		1						1											3	1	632	70400	EA.	CONDUIT RISER, 2" DIAMETER																
632																							632	70600	EA.	CONDUIT RISER, 3" DIAMETER																
632	6	7	5	6	7	6	3	8		6	6	7		8	7		1	2		8	70	23	632	71000	EA.	CABLE SUPPORT ASSEMBLY																
632	5.85	4.80	5.74	.35	2.96	6.57	6.35	4.80		5.92	5.92	6.27		5.74	9.95	1.48	2.66	1.05	.70	9.60	62.24	24.47	632	72000	CU. YD.	CONCRETE FOR ANCHOR BASE FOUNDATION																
632								1														1		632	80300	EA.	SIGNAL SUPPORT TC-81.20 DESIGN NO. 3, 32' ARM															
632								1														1		632	80300	EA.	SIGNAL SUPPORT TC-81.20 DESIGN NO. 3, 35' ARM															
632																	1					1		632	80400	EA.	SIGNAL SUPPORT TC-81.20 DESIGN NO. 4, 33' ARM															
632								1														1		632	80400	EA.	SIGNAL SUPPORT TC-81.20 DESIGN NO. 4, 37' ARM															
632			1																			1		632	82100	EA.	STRAIN POLE, TYPE TC-81.10, DESIGN 1 (20 FEET)															
632			2		2	3				4	4	4		1		1						12	9	632	82300	EA.	STRAIN POLE, TYPE TC-81.10, DESIGN 3 (26 FEET)															
632						1								2								3		632	82400	EA.	STRAIN POLE, TYPE TC-81.10, DESIGN 4 (26 FEET)															
632	2							2							3							5	2	632	82500	EA.	STRAIN POLE, TYPE TC-81.10, DESIGN 5 (30 FEET)															
632																								632	82500	EA.	STRAIN POLE, TYPE TC-81.10, DESIGN 5 (26 FEET)															
632		2																				2		632	82500	EA.	STRAIN POLE, TYPE TC-81.10, DESIGN 5 (29 FEET)															
632																						1		632	82600	EA.	STRAIN POLE, TYPE TC-81.10, DESIGN 6 (30 FEET)															
632	3			1			1					1					3	2				11	1	632	89900	EA.	PEDESTAL 8', TRANSFORMER BASE															
632	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	14	6	632	90100	EA.	REMOVAL OF TRAFFIC SIGNAL INSTALLATION																
633										1	1	1										2	3	633	32005	EA.	CONTROLLER, ACTUATED, 2 PHASE, SOLID STATE DIGITAL MICROPROCESSOR, AS PER PLAN	3A														
633	1		1														1	1	1			5		633	33001	EA.	CONTROLLER, ACTUATED, 3 PHASE, SOLID STATE DIGITAL MICROPROCESSOR, AS PER PLAN	3A														
633					1																	1		633	34001	EA.	CONTROLLER, ACTUATED, 4 PHASE, SOLID STATE DIGITAL MICROPROCESSOR, AS PER PLAN	3A														
633				1	1					1												3	1	633	36001	EA.	CONTROLLER, ACTUATED, 6 PHASE, SOLID STATE DIGITAL MICROPROCESSOR, AS PER PLAN	3A														
633		1						1									1					2	1	633	38001	EA.	CONTROLLER, ACTUATED, 8 PHASE, SOLID STATE DIGITAL MICROPROCESSOR, AS PER PLAN	3A														