QUANTITY CALCULATIONS
BY: LEO DATE: 3/73
CHECKED: D.F.C. DATE: 3/73
BURGESS & NIPLE, LIMITED

FED. RD. DIVISION	STATE	PROJECT	
5	OHIO		

LAK-640-0.98
LAK-283-3.83
LAK-91-5.49

CODE TYPE Y031

SHEET NUMBERS & FUNDS F/S/C	County	F/S/C 11	12	13	14	15	16	17	18	19	F/S/C	COUNTY	ITEM	TOTAL	UNIT	DESCRIPTION
				1	1	1	1	1			5		202	5	EA.	Removal of Existing Signal Installation
				69	73	47	84		81	63	417		625	417	L.F.	Messenger Wire, 7 Strand, 5/16", w/ Accessories
						74					74		625	74	L.F.	Messenger Wire, 7 Strand, 3/16", w/ Accessories
										2	2		625	2	EA.	Traffic Signal Heads, 1 Section 12" Lens, 1-Way
					3		4		2	2	11		625	11	EA.	Traffic Signal Heads, 3 Section 8" Lens, 1-Way
										1	1		625	1	EA.	Traffic Signal Heads, 3 Section 12" Lens, 1-Way, Pole Mounted
							1		2		3		625	3	EA.	Traffic Signal Heads, 3 Section 8" Lens, 2-Way
						1					1		625	1	EA.	Traffic Signal Heads, 3 Section 8" Lens, 3-Way
										1	1		625	1	EA.	Traffic Signal Heads, 1 Section 12" Lens, 1-Way Pole Mounted
			1	6	2	3		4			15	1	625	16	EA.	Traffic Signal Heads, Relocated
				4	5	4	5		4	5	27		625	27	EA.	Covering of Traffic Signal Heads
						2					2		625	2	EA.	Pedestrian Pushbutton w/ Sign
						240					240		625	240	L.F.	Traffic Signal Cable, 3/c, #14 AWG, IMSA 19-1-67
			190	286	220	212	232		180	583	1713	190	625	1903	L.F.	Traffic Signal Cable, 5/c, #14 AWG, IMSA 19-1-67
		30								355	385		625	385	L.F.	Traffic Signal Cable, 7/c, #14 AWG, IMSA 19-1-67
		6220									6220		625	6220	L.F.	Interconnect Cable, Integral Mess. Wire Type, 7/c, #14 AWG, IMSA 19-3-1967, w/ Accessories
					30	82	30		30	36	208		625	208	L.F.	Power Cable, 3/c, #8 AWG, RHW or RHW Type, Stranded
					65		84		33		182		625	182	L.F.	Service Cable w/ Accessories, 3/c #8 AWG, Triplex
					1	2	1		1	3	8		625	8	EA.	Cable Support Assembly
		1				1		2			4		625	4	EA.	Weatherhead and Conduit Riser 1"
					1	1	1		1		4		625	4	EA.	Weatherhead and Conduit Riser 2"
					2	3	2		2	2	11		625	11	EA.	Ground Rods
						123		204	83	556	966		625	966	L.F.	1" Conduit, 713.04, Type III
										144	144		625	144	L.F.	2" Conduit, 713.04, Type III
										49	49		625	49	L.F.	3" Conduit, 713.04, Type III
						123		204	83	702	1112		625	1112	L.F.	Trench
						2		4	1	7	14		625	14	EA.	18" Pull Box, Circular 713.09
						150		400	126	794	1530		625	1530	L.F.	Loop Detector Wire, 1/c, #14 AWG, RHW/600V
						288		625	104	813	1830		625	1830	L.F.	Loop Detector Lead-in Cable, 2/c #14 AWG, Twisted Pair, Shielded
						66		134	36	323	559		625	559	L.F.	Loop Detector Pavement Cutting
						1		2	1	3	7		625	7	EA.	Loop Detector Amplifier
						1					1		625	1	EA.	Magnetic Detector Amplifier
						1					1		625	1	EA.	Magnetic Detector Probe

SHEET NUMBERS & FUNDS F/S/C	County	F/S/C 2	7	10	12	13	14	15	16	17	18	19	F/S/C	COUNTY	ITEM	TOTAL	UNIT	DESCRIPTION
										1			1		625	1	EA.	Fully Actuated, Two Phase, Solid State Signal Controller, Modular, w/ Cabinet
								1			1		2		625	2	EA.	Semi-Actuated, Two Phase, Solid State Signal Controller, Modular, w/ Cabinet
												1	1		625	1	EA.	Relocation and Additions to Existing Controller, Installation Only
						1							1		625	1	EA.	Dial Unit for Existing Controller
							1		1				2		625	2	EA.	Signal Controller, Existing EF20 w/ Accessories, Installation Only
												Lump	Lump		625	Lump	Lump	Fire Pre-emption Unit w/ Accessories
					1									1	625	1	EA.	Pretimed, Two Phase Signal Controller w/ Cabinet
							2				1		3		816	3	EA.	Signal Strain Pole, 7GA. x 11" x 24'
									2		1		3		816	3	EA.	Signal Strain Pole, 3GA. x 10" x 25'
								1					1		816	1	EA.	Signal Strain Pole, 3GA. x 11" x 24'
								1					1		816	1	EA.	Signal Strain Pole, 3GA. x 11" x 25'
												1	1		816	1	EA.	Traffic Signal Support, Pedestal Mounted
							2.5	2.7	2.5		2.5		10.2		816	10.2	C.Y.	Concrete for Signal Support Foundations
												1.0	1.0		816	1.0	C.Y.	Concrete for Controller and Pedestal Foundation
						0.67							0.67		621	0.67	Mi.	4" Yellow Thermo-Plastic Center Lines
						539							539		621	539	L.F.	8" White Thermo-Plastic Channelization Lines
						377							377		621	377	L.F.	24" White Thermo-Plastic Stop Lines
						930							930		621	930	L.F.	6" White Thermo-Plastic Crosswalk Lines
						4							4		621	4	EA.	Thermo-Plastic Word (ONLY) on Pavement
						4							4		621	4	EA.	Thermo-Plastic Lane Arrows
			Lump										Lump		614	Lump	Lump	Maintaining Traffic
			Lump										Lump		619	Lump	Lump	Field Office
	Lump												Lump		623	Lump	Lump	Construction Layout Stakes

F/S/C = Federal, State & County Funds

GENERAL SUMMARY