QUANTITY CALCULATIONS
BY DJC DATE 3/73
CHKD LEO DATE 3/73
BURGESS & NIPLE, LIMITED

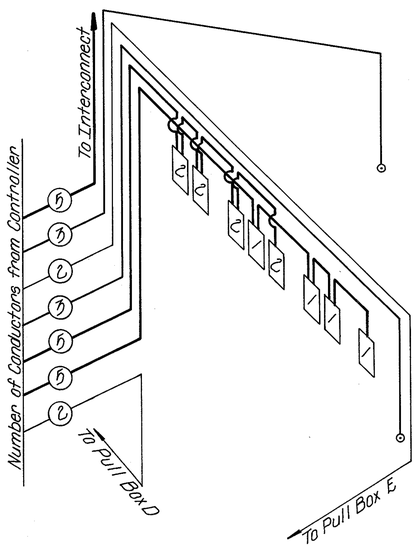
FED. RD. DIVISION	STATE	PROJECT	
5	OHIO		

15
23

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

		202	625																					816			
		Removal of Existing Signal Installation	Messenger Wire 1/16" w/ Accessories	Messenger Wire 3/8" w/ Accessories	Traffic Signal Heads 3/8" w/ Accessories 3-Section	Traffic Signal Heads 8" 3 Section 3-Way	Traffic Signal Heads Relocated	Covering of Traffic Signal Heads	Pedestrian Push Button with Sign	Cable Support Assembly	Signal Cable 5/c	Signal Cable 3/c	Power Cable	Conduit 1"	Trench	Weather Head and Conduit Riser 1"	Weather Head and Conduit Riser 2"	Pull Box	Loop Detector Wire	Loop Detector Lead-in-Cable	Loop Detector Lead-in-Cable	Loop Detector Pavement Cutting	Semi-Actuated 2 Phase Controller	Loop Detector Amplifier	Loop Detector Ground Rod	Magnetic Detector Probe	Magnetic Detector Amplifier	Concrete for Signal Support Foundations	Signal Strain Pole 33a. 24'x11"	Signal Strain Pole 33a. 25'x11"
REF.	LOCATION	EA.	L.F.	L.F.	EA.	EA.	EA.	EA.	EA.	EA.	L.F.	L.F.	L.F.	L.F.	L.F.	EA.	EA.	EA.	L.F.	L.F.	L.F.	EA.	EA.	EA.	EA.	EA.	EA.	C.Y.	EA.	EA.
A	N.W. Corner									1	90	60	30				1			40		1	1	1		1	1.34*		1
B	S. Side Vine St.								1	1		29								35				1			1.34*	1	
C	N.E. Corner								1			30	5			1								1					
D	N. Approach E. 343 St.																	1		5						1			
E	S. Side Vine St.																	1	150	5	60								
F	Exist. Signal Installation	1																											
	Span A to B			74	1	3	4				122	74								74									
	Span A to C		47									47	47																
	A to D													86	86					86									
	B to E													37	37					37									
	TOTALS	1	47	74	1	3	4	2	2	2.12	240	82	123	123	1	1	2	150	280	66	1	1	3	1	1	2.68	1	1

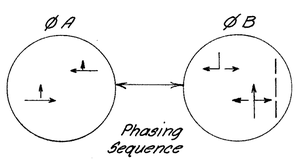
*Foundation Size
2.5' Dia. T 2.5' Min. Depth

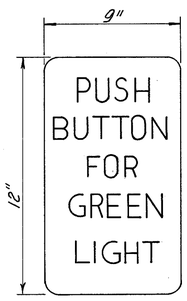


WIRING DIAGRAM

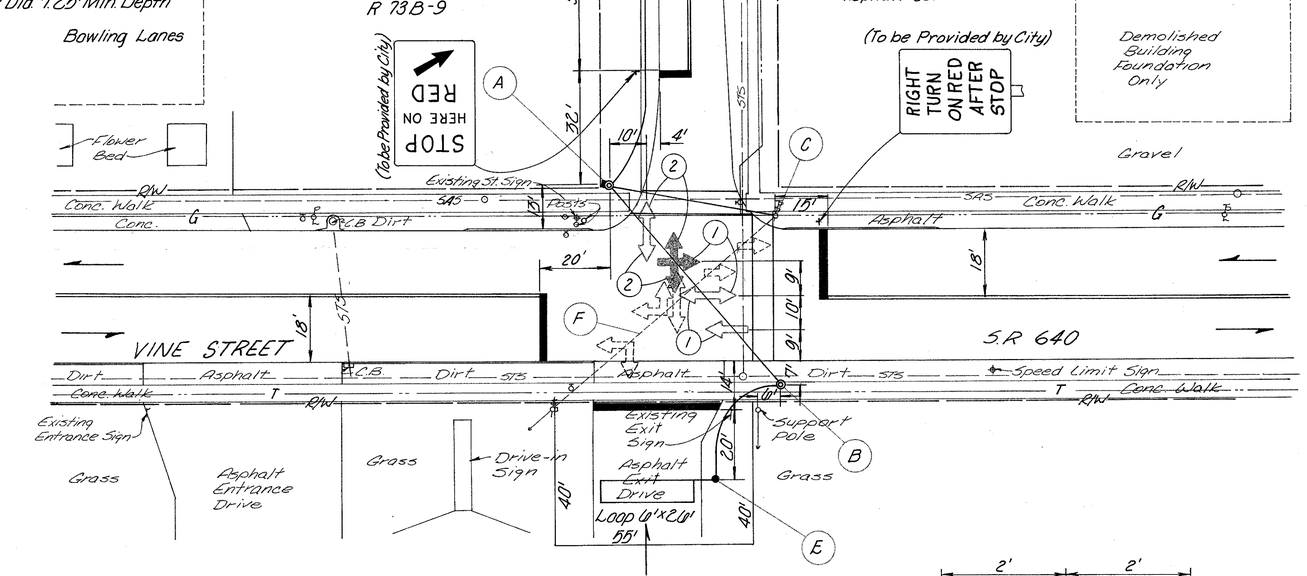
CONTROLLER DATA

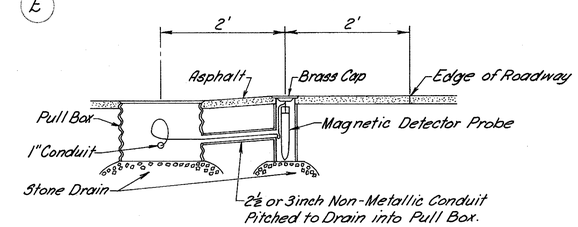
		Phase A R/W	Phase A C	Phase B R/W	Phase B C	Flash
Timing Dial Setting Sequence	Signal 1	G	Y	R	R	Y
	Signal 2	R	R	G	Y	R
	Initial	—		5		
	Vehicle	—		3		
	Maximum	—		15		
	Minimum	49		—		
	Clearance (Yellow)	3		3		
	Clearance (Red)	0		0		
	Min. Ped Clearance	0		12		





PEDESTRIAN CROSSING SIGN
R 73B-9





MAGNETIC DETECTOR DETAIL

VINE ST. & E. 343 ST. SIGNAL PLAN