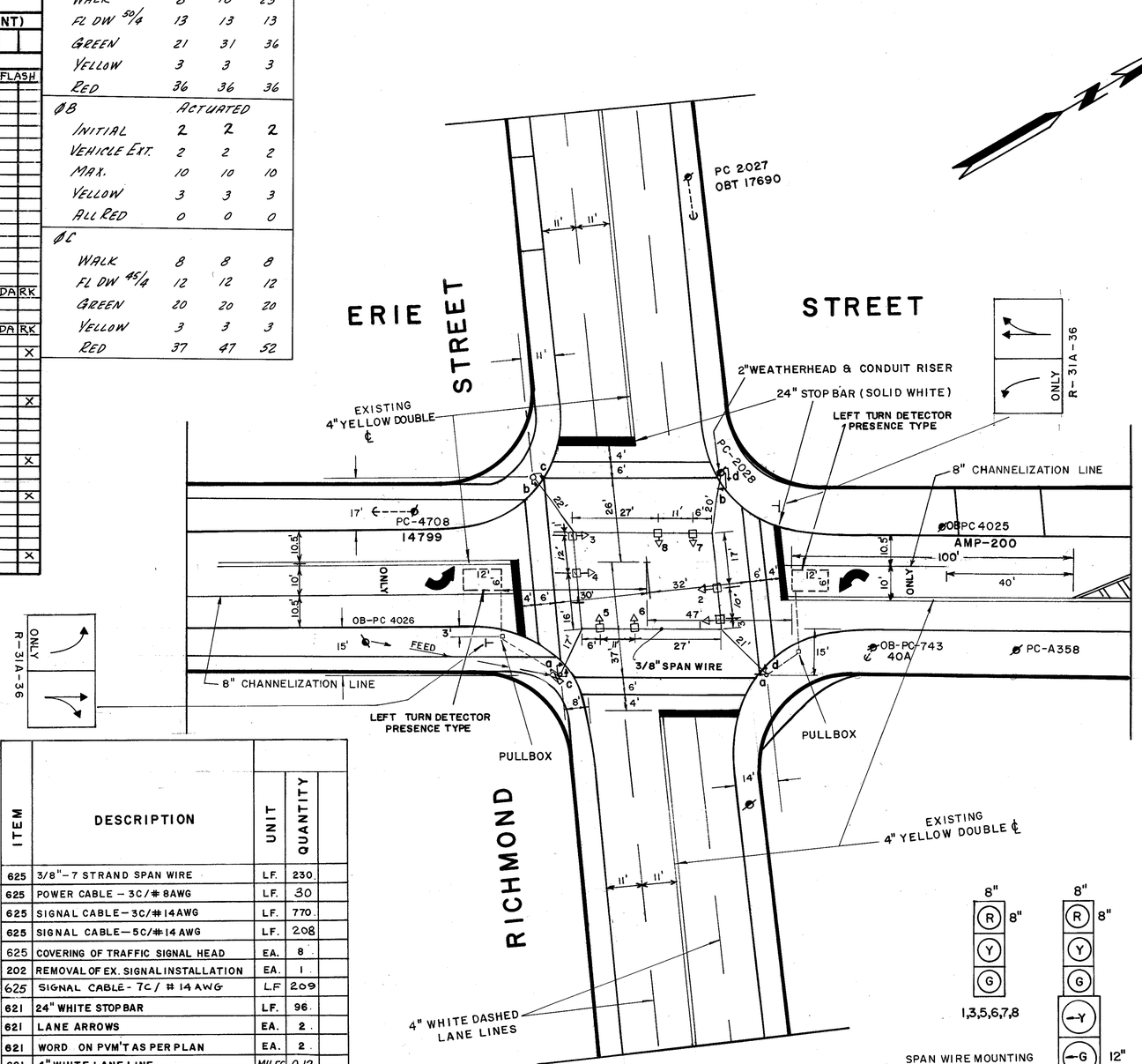
DATE	APPLIES ON CAM CHART	COLOR SEQUENCE CHARTS
DRAWN		ERIE ST. & RICHMOND ST.
CHECKED		PAINESVILLE, OHIO
APPROVED		

DIAL SETTINGS (SECONDS OR PERCENT)

STREETS	NUMBER OF SIGNALS	LENS	ØA 1	2	ØB 3	4	5	ØC 6	7	8	9	10	11	12	13	14	FLASH	
X ERIE	C-C	DW	X	X	X	X	X			X								
	d-d	FDW							X								DA	RK
		W						X										
X RICHMOND	a-a	DW			X	X	X	X	X	X								
	b-b	FDW		X													DA	RK
		W	X															
RICHMOND	5,6	R	X	X	X	X	X											X
	7,8	Y								X								
		G						X	X									
ERIE WESTBOUND	4	R				X	X	X	X	X								
		Y			X													X
		G	X	X														
		←Y					X											
		←G				X												
	3	R				X	X	X	X	X								
		Y			X													X
		G	X	X														
ERIE EASTBOUND	2	R				X	X	X	X	X								
		Y			X													X
		G	X	X														
		←Y					X											
		←G				X												
	1	R				X	X	X	X	X								
		Y			X													X
		G	X	X														

ERIE @ RICHMOND

	60 CYCLE	70 CYCLE	75 CYCLE
ØA	45%	49%	52%
WALK	8	18	23
FL DW 50/4	13	13	13
GREEN	21	31	36
YELLOW	3	3	3
RED	36	36	36
ØB	ACTUATED		
INITIAL	2	2	2
VEHICLE EXT.	2	2	2
MAX.	10	10	10
YELLOW	3	3	3
ALL RED	0	0	0
ØC			
WALK	8	8	8
FL DW 45/4	12	12	12
GREEN	20	20	20
YELLOW	3	3	3
RED	37	47	52



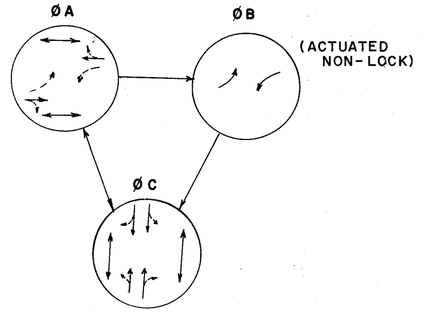
LANE TRANSITION SEE P-10 OMUTCD

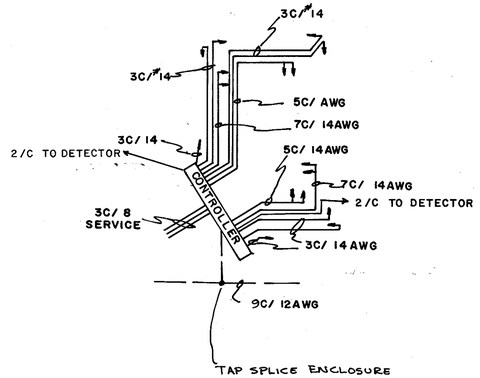
CALC. BY E.G.	DATE 11-11-74
CKD. BY D.O.	DATE 1-31-25

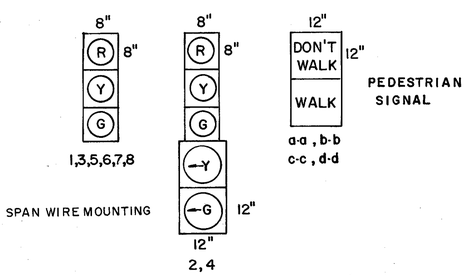
FED. RD. DIV	STATE	PROJECT	
5	OHIO	~~T 4030-(13)~~	

18
38

LAKE COUNTY
LAK.-20-14.30
LAK.-86-0.25
AND WASHINGTON STREET
AND ST. CLAIR STREET







ITEM	DESCRIPTION	UNIT	QUANTITY	
816	SIGNAL SUPPORT, 3GA., 10"X6.36"X 28'-0"	EA.	3	
816	CONCRETE FOR SIGNAL SUPPORT FNDTN.	CY.	3	
625	TRAFFIC SIGNALS, SPAN WIRE, 8"R, 8"Y, 8"G-3 SECTIONS	EA.	6	
625	TRAFFIC SIGNALS, SPAN WIRE, 8"R, 8"Y, 8"G, 12 YA, 12 GA.-5 SECTIONS	EA.	2	
625	PEDESTRIAN SIGNAL-INCANDESCENT 12"X12" VERT. MTD., 2 WAY	EA.	4	
625	SIGNAL CONTROLLER, SECONDARY, POLE MOUNTED, TYPE X	EA.	1	
816	STRUCTURAL SUPPORT DRIVEN NO. 4	LF.	30	
625	GROUND ROD	EA.	4	
625	TRENCH	LF.	35	
625	PULL BOX 713.09	EA.	2	
625	2" CONDUIT RISER W/WEATHER HEAD	EA.	1	
625	2" CONDUIT 713.04	LF.	35	
815	SIGNS, FLAT SHEET TYPE	SF	15	
625	LOOP DETECTOR PAVEMENT CUTTING	LF.	110	
625	LOOP DETECTOR WIRE	LF.	284	
625	LOOP DETECTOR LEAD IN CABLE	LF.	194	

TRAFFIC-SIGNAL QUANTITIES SUB SUMMARY

ITEM	DESCRIPTION	UNIT	QUANTITY	
625	3/8"-7 STRAND SPAN WIRE	LF.	230	
625	POWER CABLE - 3C/#8AWG	LF.	30	
625	SIGNAL CABLE-3C/#14AWG	LF.	770	
625	SIGNAL CABLE-5C/#14 AWG	LF.	208	
625	COVERING OF TRAFFIC SIGNAL HEAD	EA.	8	
202	REMOVAL OF EX. SIGNAL INSTALLATION	EA.	1	
625	SIGNAL CABLE - 7C/#14 AWG	LF.	209	
621	24" WHITE STOPBAR	LF.	96	
621	LANE ARROWS	EA.	2	
621	WORD ON PVM'T AS PER PLAN	EA.	2	
621	4" WHITE LANE LINE	MILES	0.12	
621	8" WHITE CHANNELIZATION LINE	LF.	212	
625	INTERCONNECT CABLE 9/C #12AWG	LF.	30	
621	6" WHITE CROSS WALK	LF.	416	
625	LOOP DETECTOR AMPLIFIER	EA.	1	
625	CABLE SUPPORT ASSEMBLY	EA.	3	

ERIE STREET AND RICHMOND STREET
SIGNAL PLAN
SCALE: 1" = 20'