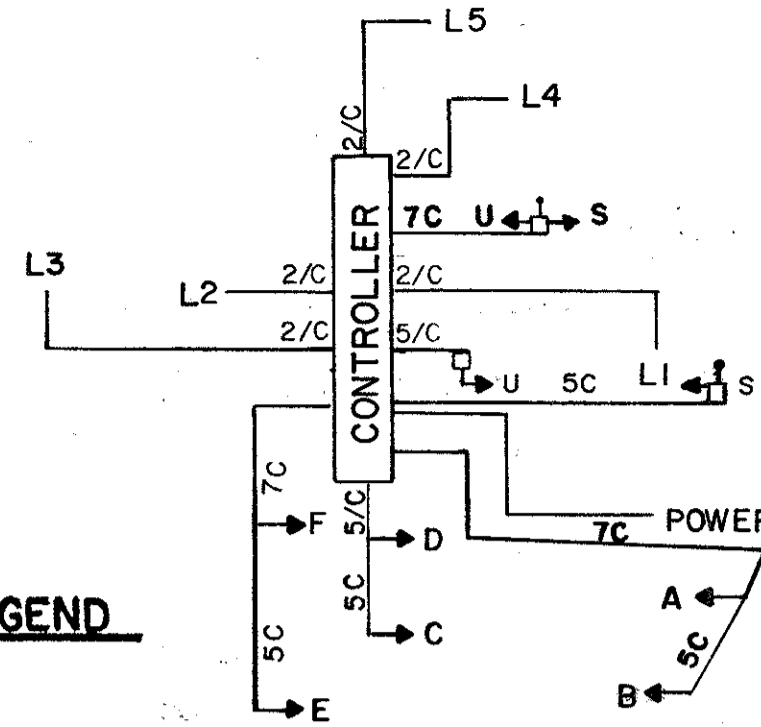


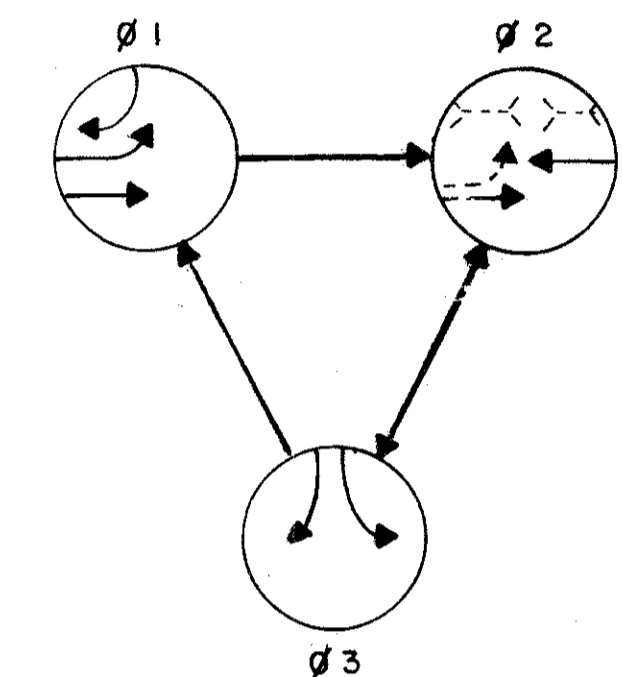
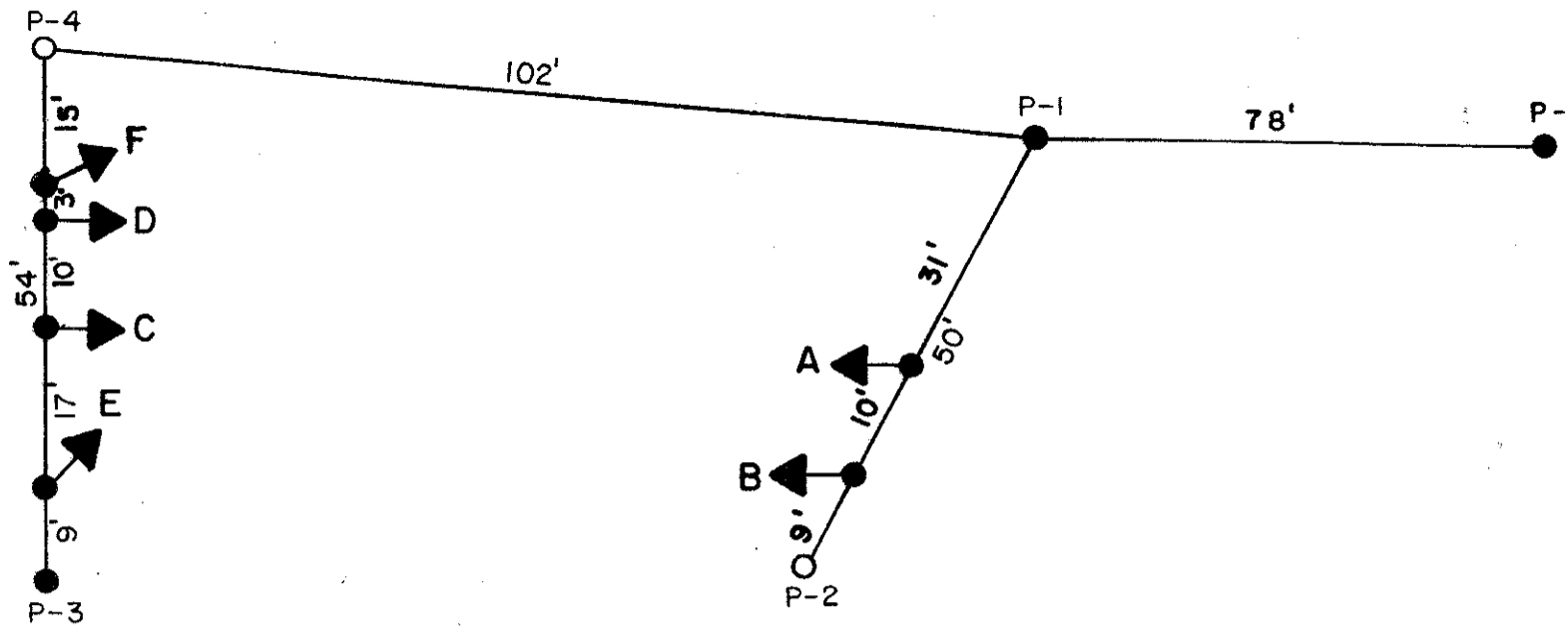
**PAVEMENT MARKING LEGEND**

- (A.) LANE LINE
- (B.) CENTER LINE, SINGLE BROKEN
- (C.) CHANNELIZING LINE
- (D.) DOTTED LINE (White or Yellow)
- (E.) CENTER LINE, DOUBLE SOLID
- (F.) STOP LINES
- (G.) CROSSWALK LINES
- (H.) CENTERLINE, DOUBLE BROKEN, 1 SOLID
- (I.) TRANSVERSE LINES
- (J.) LANE ARROW
- (K.) WORD "ONLY" ON PAVEMENT, 72"
- (L.) SCHOOL SYMBOL MARKING, 72"
- (M.) ISLAND MARKING, YELLOW
- (N.) PARKING STALL MARKING
- (P.) YELLOW EDGE LINE

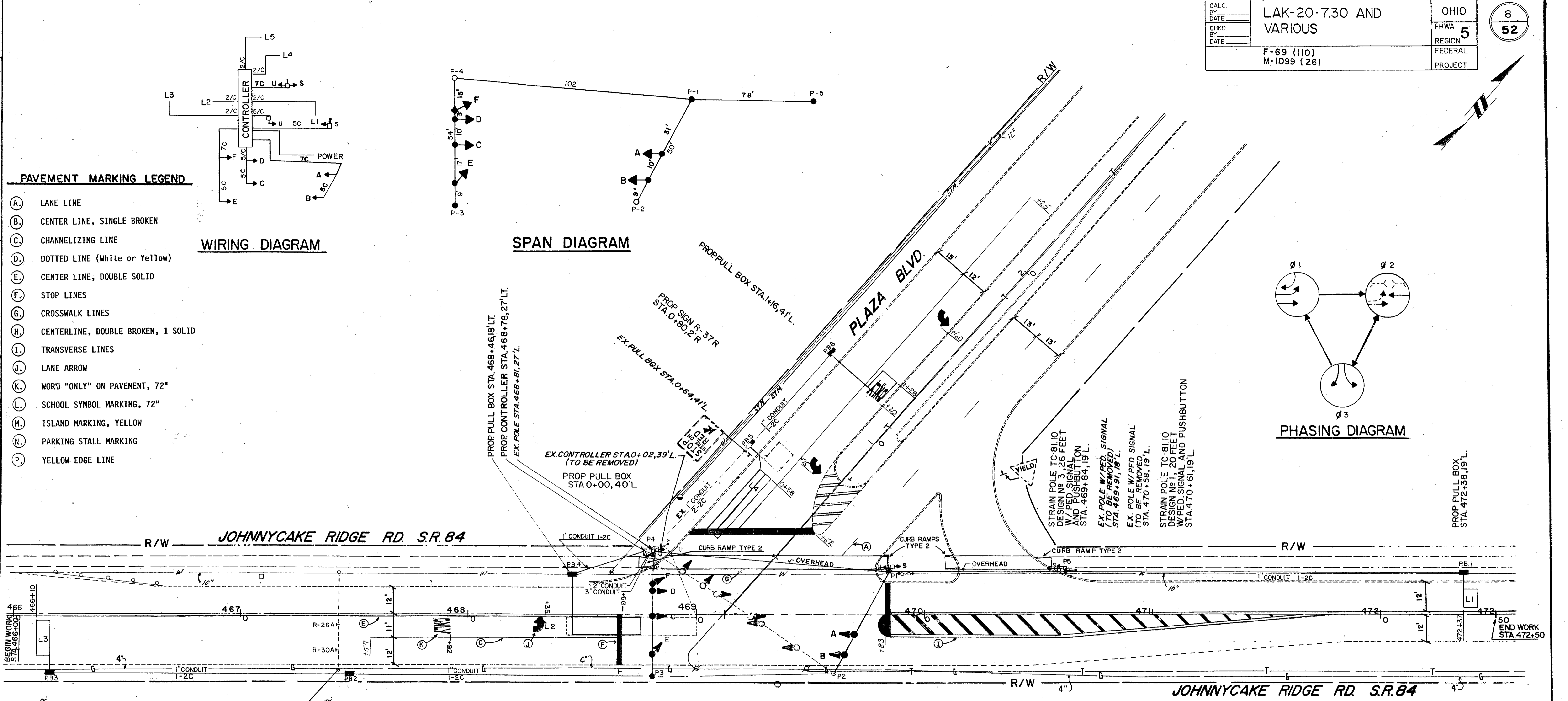
**WIRING DIAGRAM**



**SPAN DIAGRAM**



**PHASING DIAGRAM**

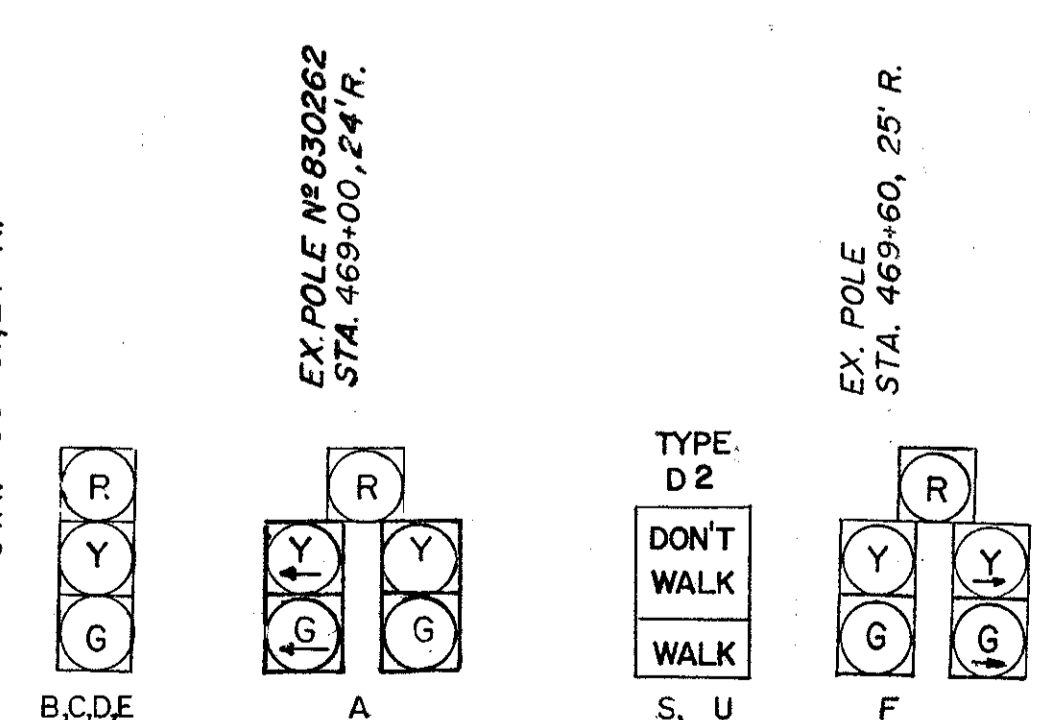


SIGNAL	ø 1		ø 2		ø 3		FLASH
	R/W	CLEAR	R/W	CLEAR	R/W	CLEAR	
A	Y	G	G	Y	R	R	Y
B	G	G	G	Y	R	R	Y
C,D	R	R	G	Y	R	R	Y
E	R	R	R	R	R	G	Y
F	R	Y	R	R	R	Y	R
S-S	DW	DW	DW	DW	DW	DW	DW
U-U	DW	DW	DW	DW	DW	DW	DW

**SIGNAL DISPLAY CHART**

FUNCTION	ø 1	ø 2	ø 3
MINIMUM GREEN	7	18	10
PED WALK		7	
PED CLEARANCE		20	
GREEN EXTENSION	2	4	5
MAXIMUM GREEN	20		30
YELLOW CLEARANCE	3	4	3
ALL RED CLEARANCE	1	1	1
RECALL	OFF	ON	OFF

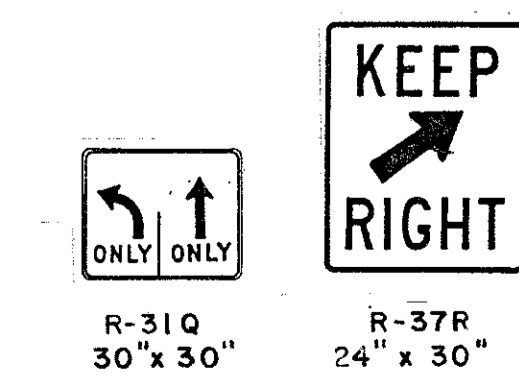
**SIGNAL TIMING CHART**



**12" SIGNAL HEADS**  
NOTE: SIGNAL C,D,E,F TO HAVE TUNNEL VISORS

Loop	Size	Number of Turns	Mode	Delay (Sec.)	PHASE	Detector Unit
L 1	6'x 8'	3	PULSE			1
L 2	8'x 30'	2-4-2	PRESENCE	5	1	2
L 3	6'x 15'	2	PULSE			3
L 4	6'x 35'	2-4-2	PRESENCE	4	3	4
L 5	8'x 10'	3	PULSE			5

**LOOP CHART**



**PROPOSED SIGNS**

THE UNDERGROUND UTILITIES ARE SHOWN ACCORDING TO INFORMATION FURNISHED BY THE UTILITIES CONCERNED AND THE STATE DOES NOT GUARANTEE THE ACCURACY THEREOF.

TRAFF-PRO CONSULTANTS INC.  
 WILLOUGHBY, OHIO  
**STATE OF OHIO**  
 DEPARTMENT OF TRANSPORTATION  
**S.R.84 & PLAZA BLVD.**  
 DESIGNED: \_\_\_\_\_ DRAWN: \_\_\_\_\_ TRACED: \_\_\_\_\_ CHECKED: \_\_\_\_\_ REVIEW: \_\_\_\_\_ DATE: \_\_\_\_\_ REVISED: \_\_\_\_\_