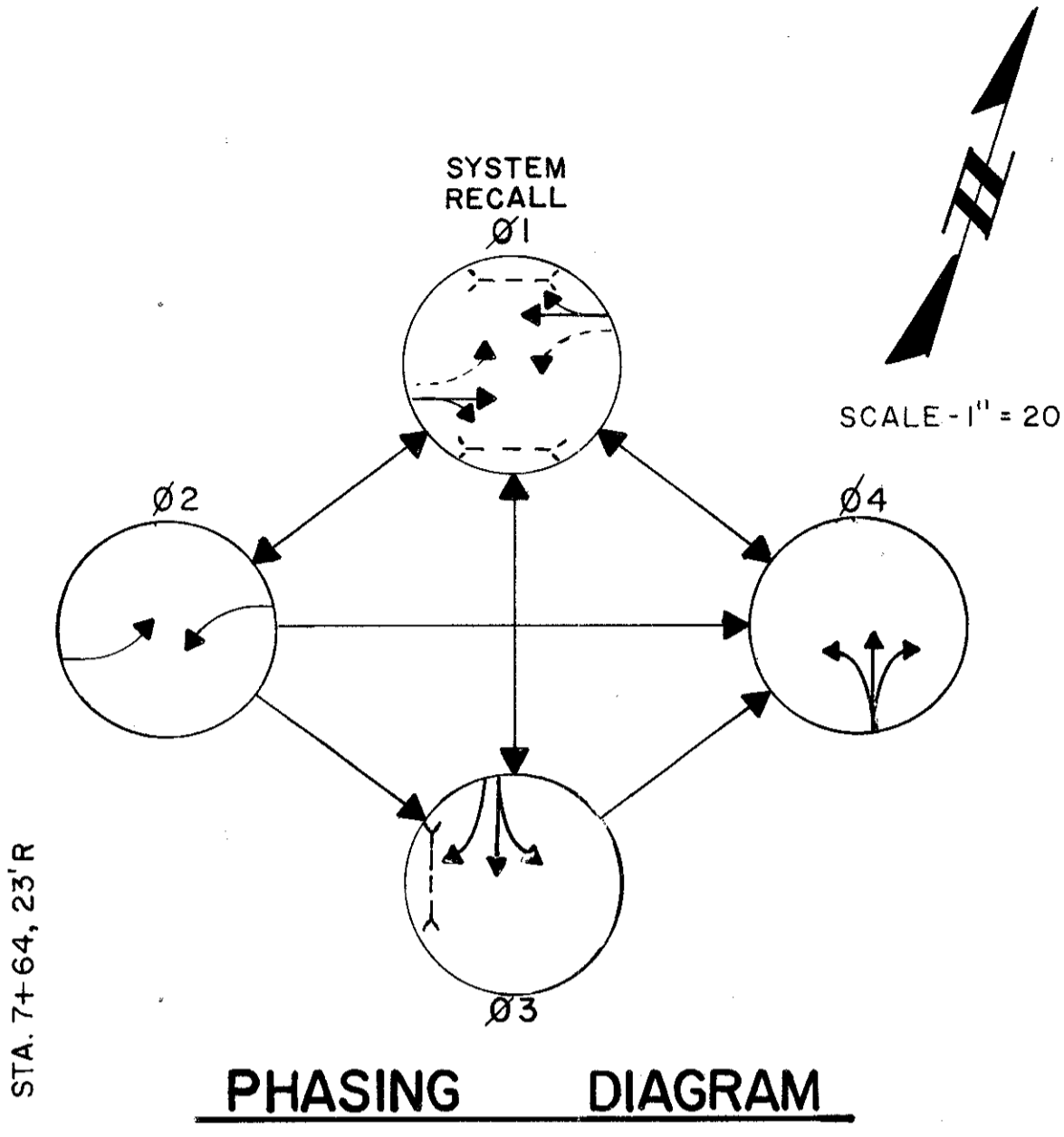
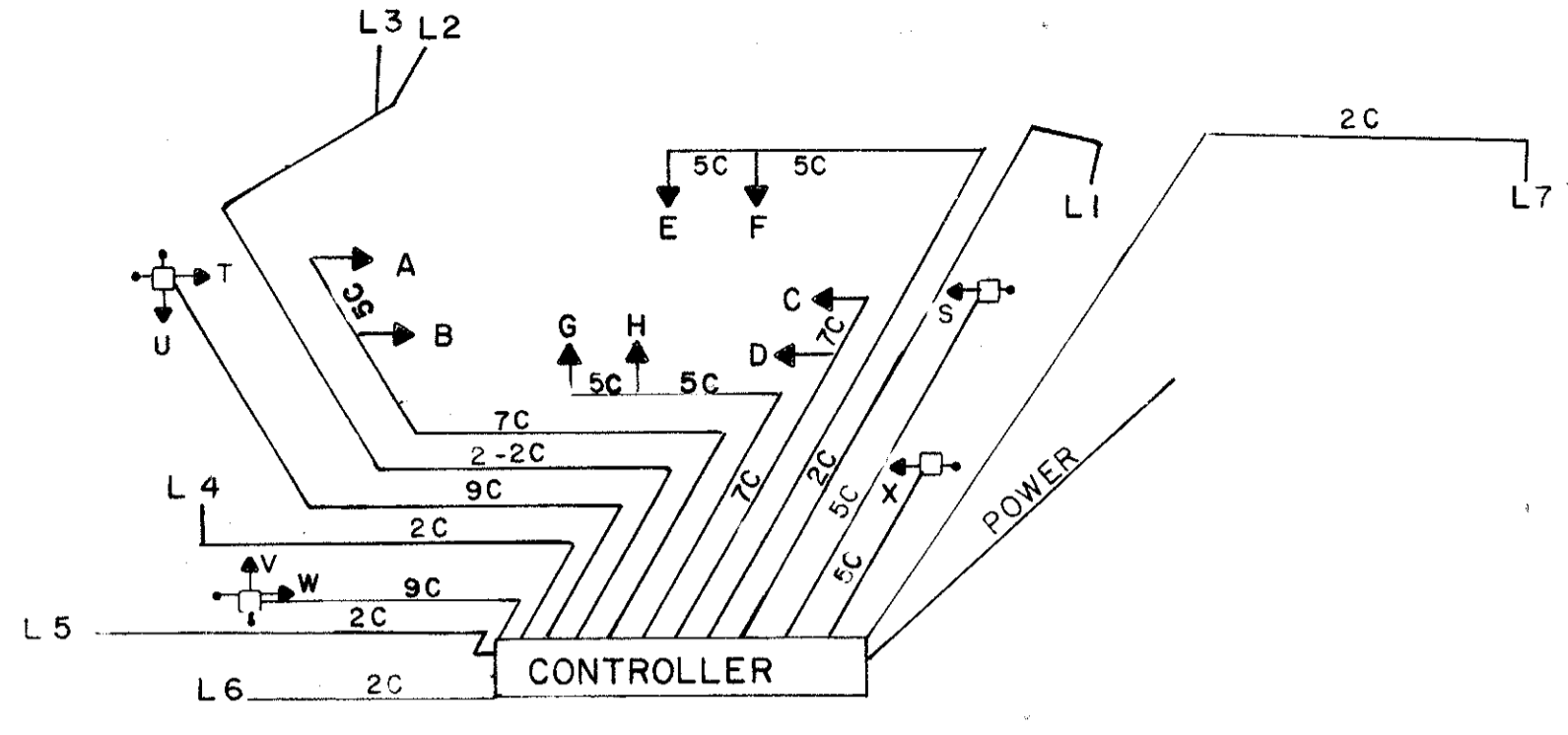


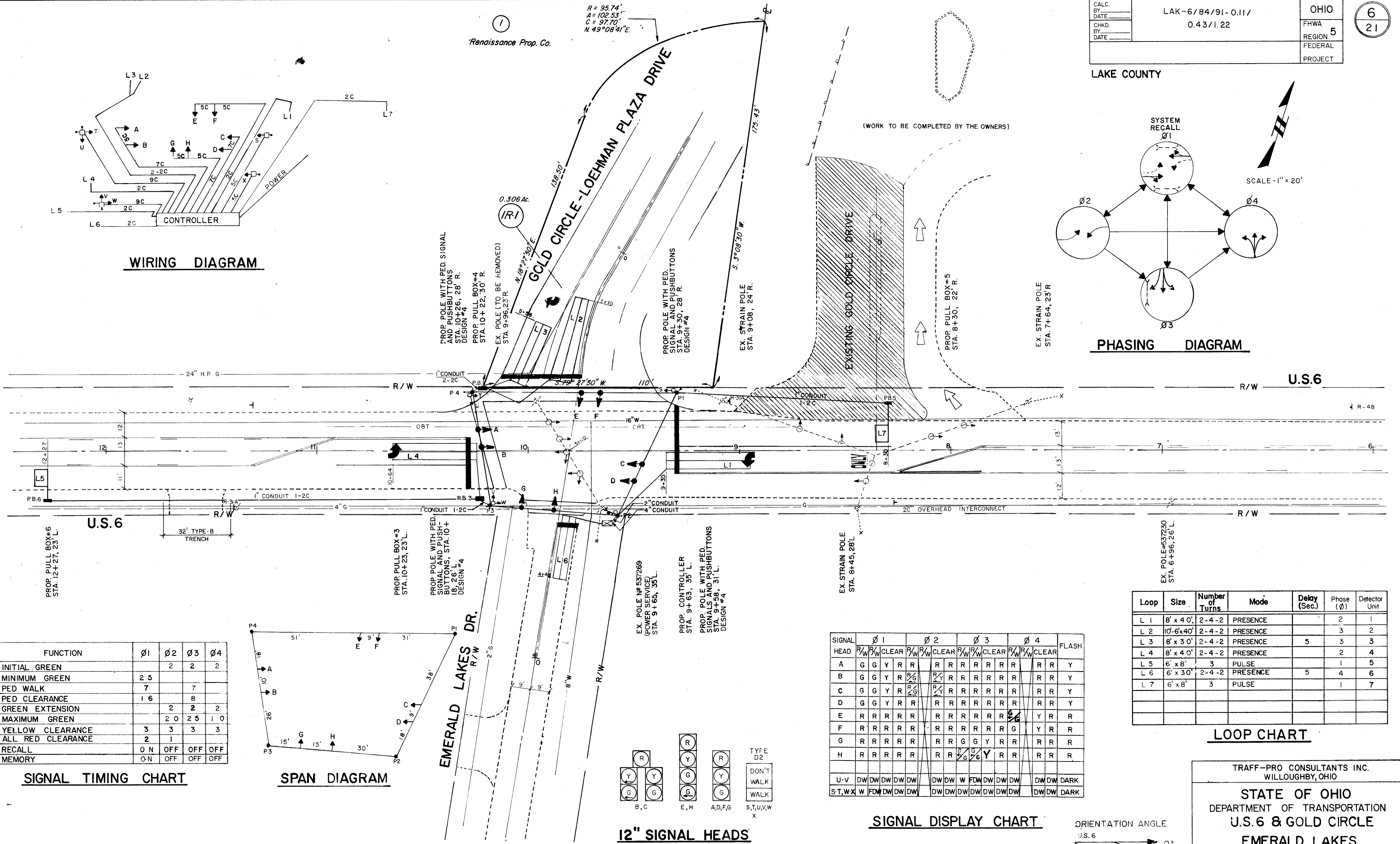
LAKE COUNTY



PHASING DIAGRAM

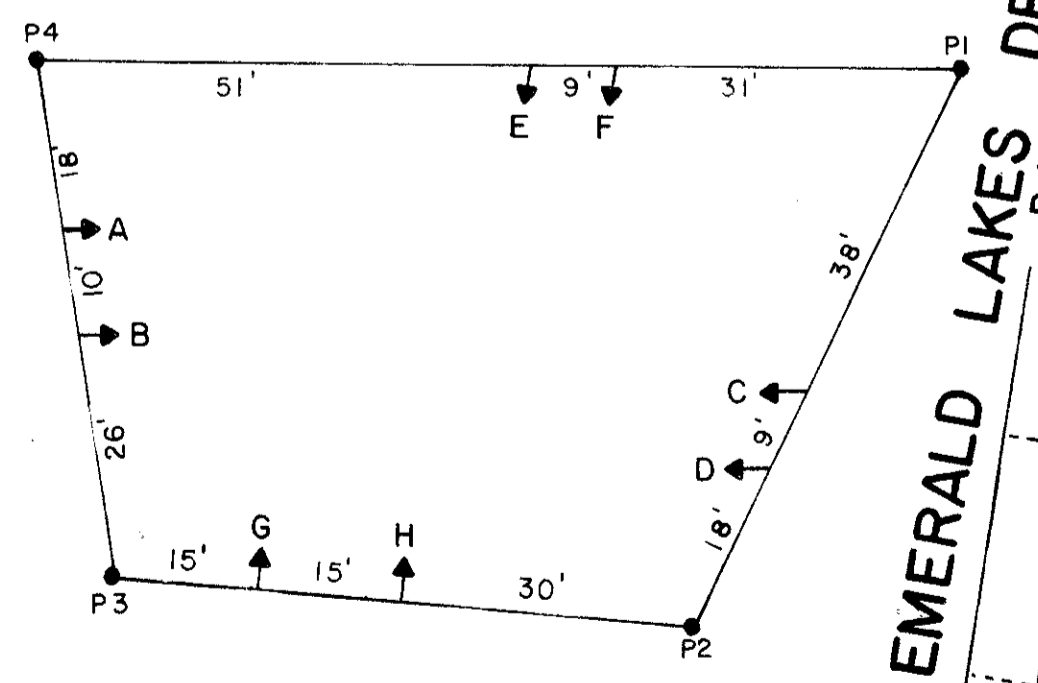


WIRING DIAGRAM

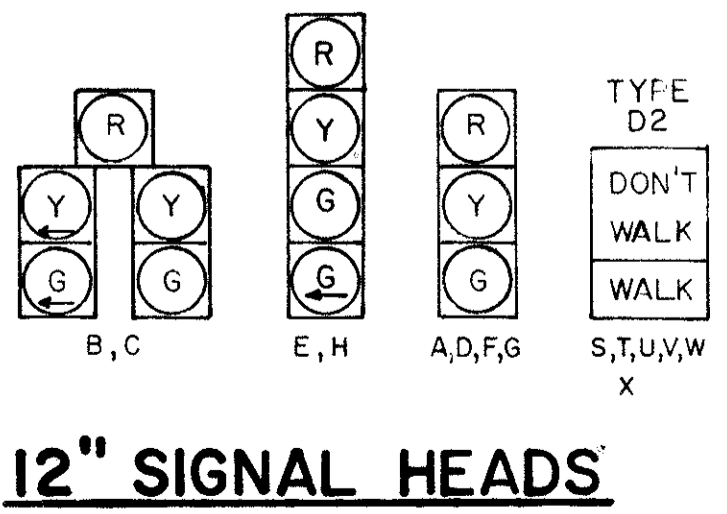


FUNCTION	Ø1	Ø2	Ø3	Ø4
INITIAL GREEN		2	2	2
MINIMUM GREEN	2	5		
PED WALK	7		7	
PED CLEARANCE	1	6	8	
GREEN EXTENSION		2	2	2
MAXIMUM GREEN		2	2	1
YELLOW CLEARANCE	3	3	3	3
ALL RED CLEARANCE	2	1		
RECALL	ON	OFF	OFF	OFF
MEMORY	ON	OFF	OFF	OFF

SIGNAL TIMING CHART



SPAN DIAGRAM



12" SIGNAL HEADS

SIGNAL HEAD	Ø1	Ø2	Ø3	Ø4	FLASH
A	G	G	Y	R	R
B	G	G	Y	R	R
C	G	G	Y	R	R
D	G	G	Y	R	R
E	R	R	R	R	R
F	R	R	R	R	R
G	R	R	R	R	R
H	R	R	R	R	R
U-V	DW	DW	DW	DW	DW
S-T, W-X	DW	DW	DW	DW	DW

SIGNAL DISPLAY CHART

Loop	Size	Number of Turns	Mode	Delay (Sec.)	Phase (Ø)	Detector Unit
L 1	8' x 40'	2-4-2	PRESENCE		2	1
L 2	10'-6" x 40'	2-4-2	PRESENCE		3	2
L 3	8' x 30'	2-4-2	PRESENCE	5	3	3
L 4	8' x 40'	2-4-2	PRESENCE		2	4
L 5	6' x 8'	3	PULSE		1	5
L 6	6' x 30'	2-4-2	PRESENCE	5	4	6
L 7	6' x 8'	3	PULSE		1	7

LOOP CHART

TRAFF-PRO CONSULTANTS INC.
WILLOUGHBY, OHIO

STATE OF OHIO
DEPARTMENT OF TRANSPORTATION
U.S. 6 & GOLD CIRCLE
EMERALD LAKES

DESIGNED	DRAWN	TRACED	CHECKED	REVIEW	DATE	REVISED
	J. PETTI				2-6-85	M.J.E. 3-4-86

R/W & TRAFFIC CONTROL PLAN