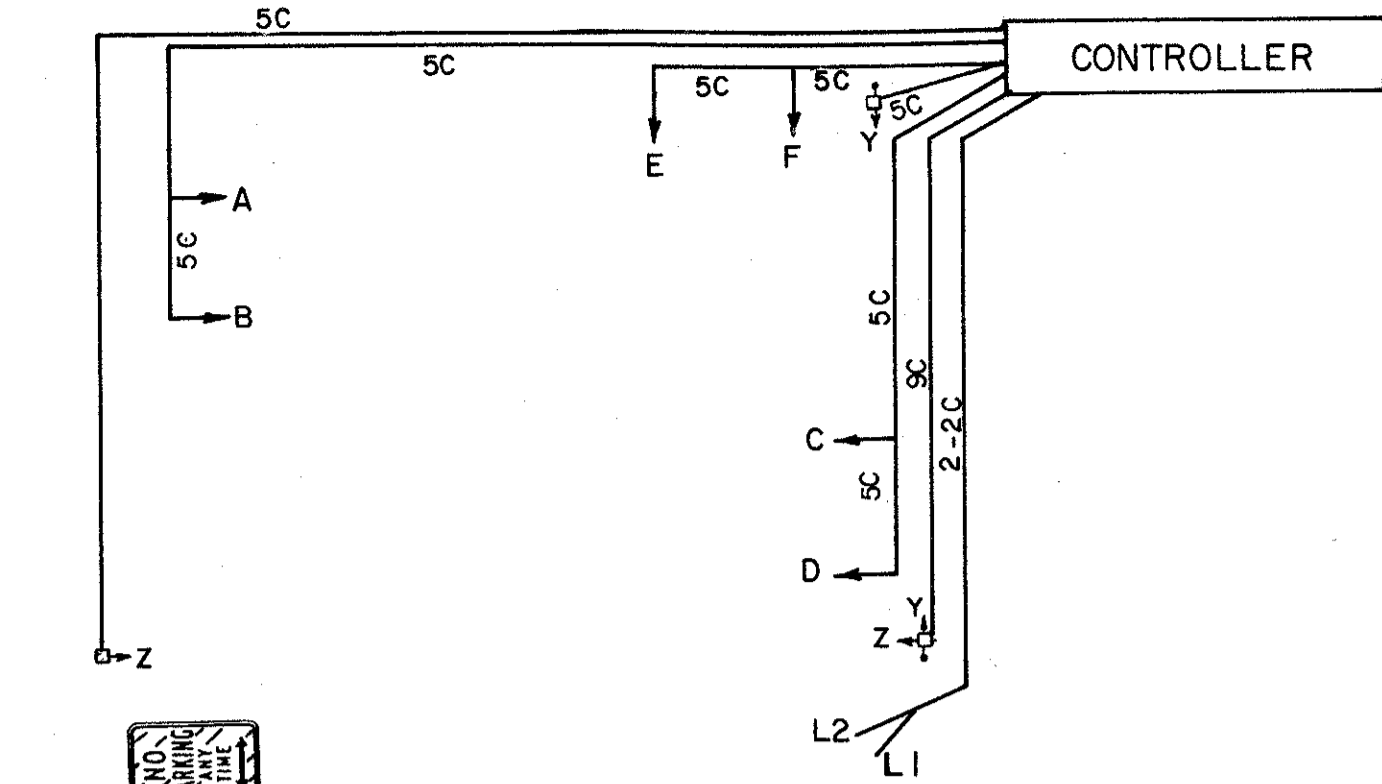
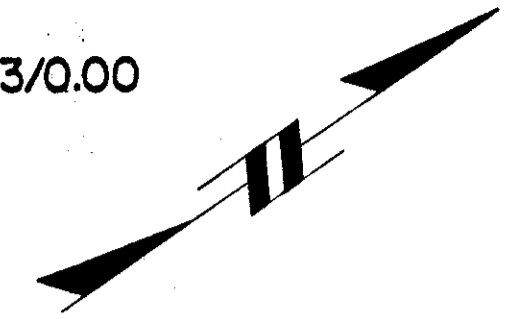
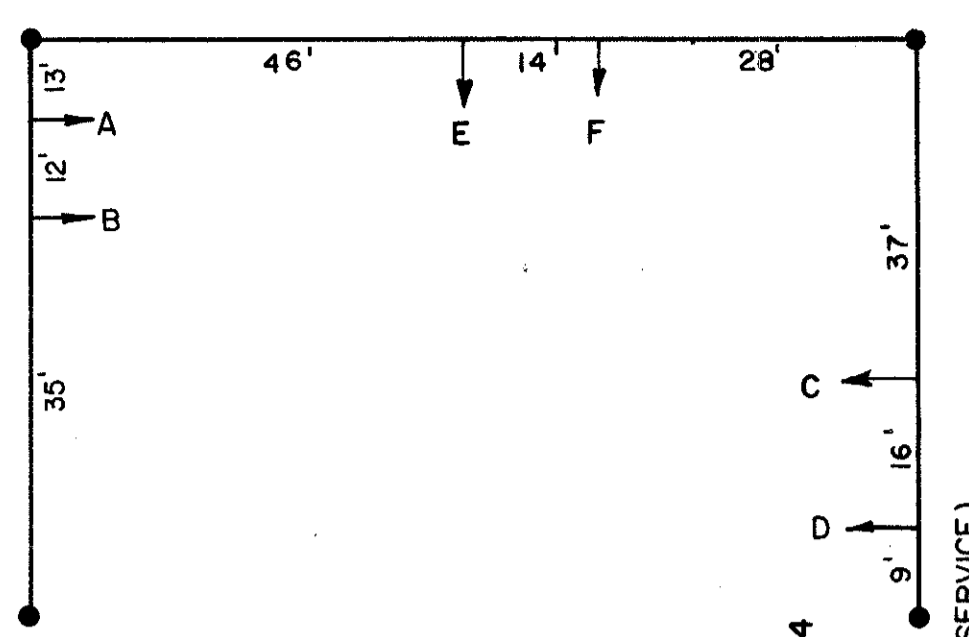


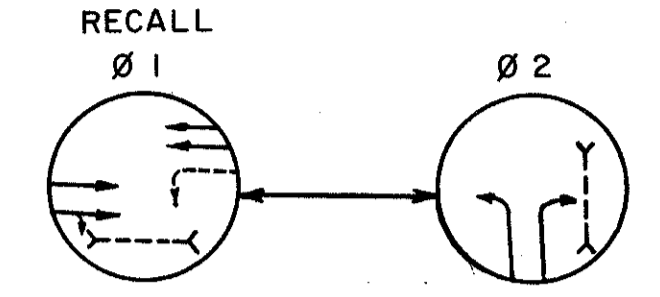
LAKE COUNTY
LAK-283/640-0.23/0.00



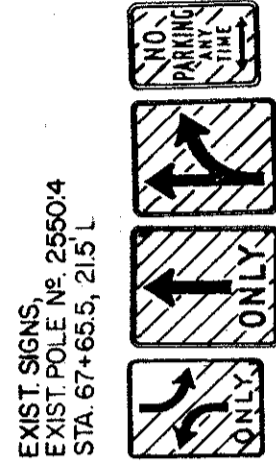
WIRING DIAGRAM



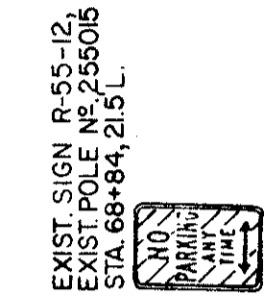
SPAN DIAGRAM



PHASING DIAGRAM

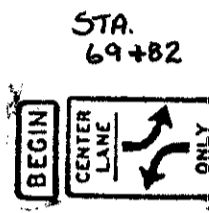


EXIST. SIGN R-55-12
EXIST. POLE # 255004
STA. 67+65.5, 215'L



EXIST. SIGN R-55-12
EXIST. POLE # 255006
STA. 68+84, 215'L

PROP. POLE DESIGN #3
STA. 69+82, 2'L



STA. 69+82

PROP. SIGN R-48 & RP-49-24

EXIST. SIGN R-55-12
EXIST. POLE # 255006 (POWER SERVICE)
STA. 70+18.5, 215'

PROP. POLE W/PED. SIGNAL & PUSHBUTTON, DESIGN #3
STA. 70+70, 22'L

EXIST. STR. POLE
STA. 70+74.5, 21'L

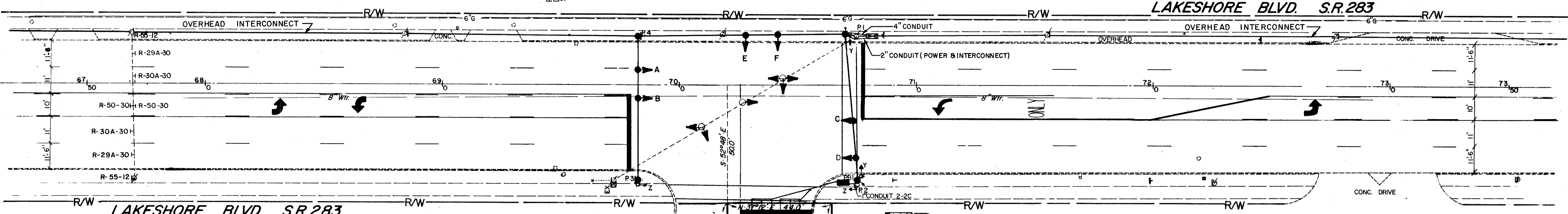
PROP. CONTROLLER
STA. 70+81, 21'L

PROP. SIGN R-31FF-48
STA. 70+86, 21'L

EXIST. SIGN R-55-12
EXIST. POLE # 255007
STA. 71+55, 21'L

PROP. SIGN R-31FF-48
STA. 72+49, 20'L

EXIST. SIGN R-55-12
EXIST. POLE # 255008
STA. 72+77, 21'L



EXIST. SIGN R-55-12
EXIST. POLE # 255004
STA. 67+70, 405'R

PROP. POLE W/PED. SIGNALS, DESIGN #3
STA. 69+82, 5, 40'R

EXIST. SIGN R-55-12
EXIST. POLE # 64514
EXIST. CONTROLLER (TO BE REMOVED)
STA. 69+72, 40'R

PROP. SIGN R-48 & RP-51-24
STA. 69+82

PROP. PULL BOX STA. 70+69.41'R
PROP. POLE W/PED. SIGNALS & PUSHBUTTON, DESIGN #3
STA. 70+75, 40'R

EXIST. SIGN M-17, M-24-S & M-24-21
STA. 70+91, 40'R

PROP. SIGN R-48 & RP-49-24
STA. 71+98, 40'R

EXIST. SIGN R-55-12
POLE # 64515
STA. 72+25, 41'R

EXIST. SIGN R-55-12
POLE # 64516
STA. 73+53, 41'R

FUNCTION	Ø1	Ø2
INITIAL GREEN		8.0
MINIMUM GREEN	5.4	
PED. WALK	7.0	7.0
PED. CLEARANCE	11.0	12.0
GREEN EXTENSION		2.0
MAXIMUM GREEN		19
YELLOW CLEARANCE	3.8	3.2
ALL RED CLEARANCE	1.5	2.0
RECALL	ON	OFF

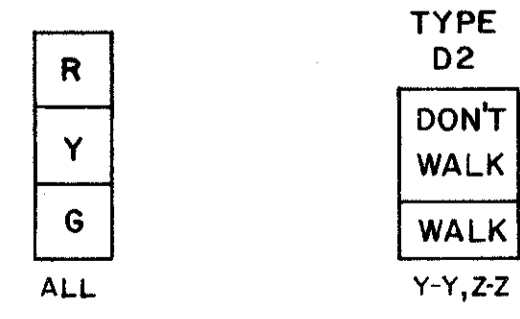
SIGNAL TIMING

SIGNAL	Ø1			Ø2			FLASH
	R/W	CLR	R/W	CLR	R/W	CLR	
A	G	G	Y	R	R	R	Y
B	G	G	Y	R	R	R	Y
C	G	G	Y	R	R	R	Y
D	G	G	Y	R	R	R	Y
E	R	R	R	G	G	Y	R
F	R	R	R	G	G	Y	R
Y-Y	DW	DW	DW	DW	FDW	DW	OUT
Z-Z	W	FDW	DW	DW	DW	DW	OUT

SIGNAL DISPLAY CHART

Loop	Size	Number of Turns	Mode	Delay (Sec.)	Remarks
L 1	8' x 25'	2-4-2	PRESENCE	5	NO MEMORY
L 2	8' x 40'	2-4-2	PRESENCE	3	

LOOP CHART



12" SIGNAL HEADS

TRAFF-PRO CONSULTANTS INC.
WILLOUGHBY, OHIO

STATE OF OHIO
DEPARTMENT OF TRANSPORTATION

S.R.283 & N.SHORE MALL

DESIGNED	DRAWN	TRACED	CHECKED	REVIEW DATE	REVISIT
					J.P.E.T.T.I. 8-15-85

R/W & TRAFFIC CONTROL PLAN