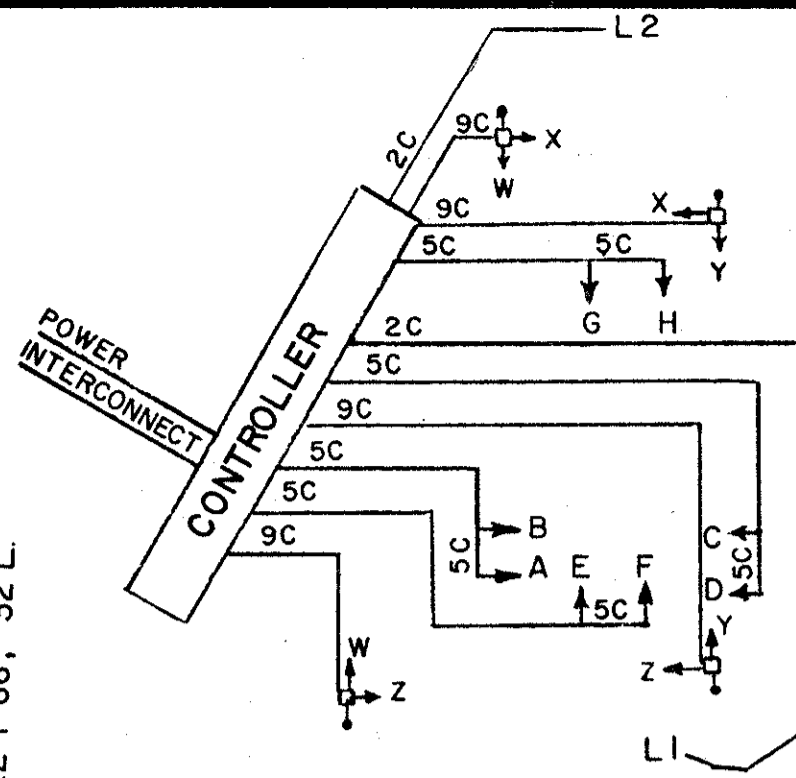
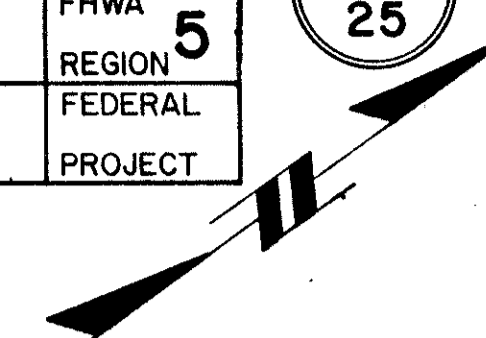


S.R.283 & E.293 S.T.
LAKE COUNTY
LAK-283/640-0.23/0.00



WIRING DIAGRAM

EXIST. POLE No. 333898
STA. 22+56, 32'L

EXIST. SIGN R-55-12
EXIST. POLE No. 296484
STA. 23+00, 32'L

PROP. SIGN R-48 & RP-49-24
STA. 24+23, 32'L

EXIST. POLE No. 296486
STA. 24+82, 32'L

PROP. POLE W/PED. SIGNALS
& PUSHBUTTON
STA. 24+93, 42'L
DESIGN #3

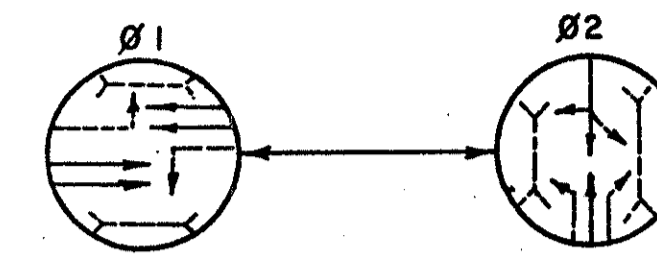
PROP. CONTROLLER STA. 25+31, 42'L

PROP. POLE W/PED. SIGNALS & PUSHBUTTON
STA. 0+40, 27.5'R
DESIGN #3
PROP. SIGN R-31C-48
EXIST. POLE No. 296488 (POWER SERVICE)
EXIST. CONTROLLER (TO BE REMOVED)

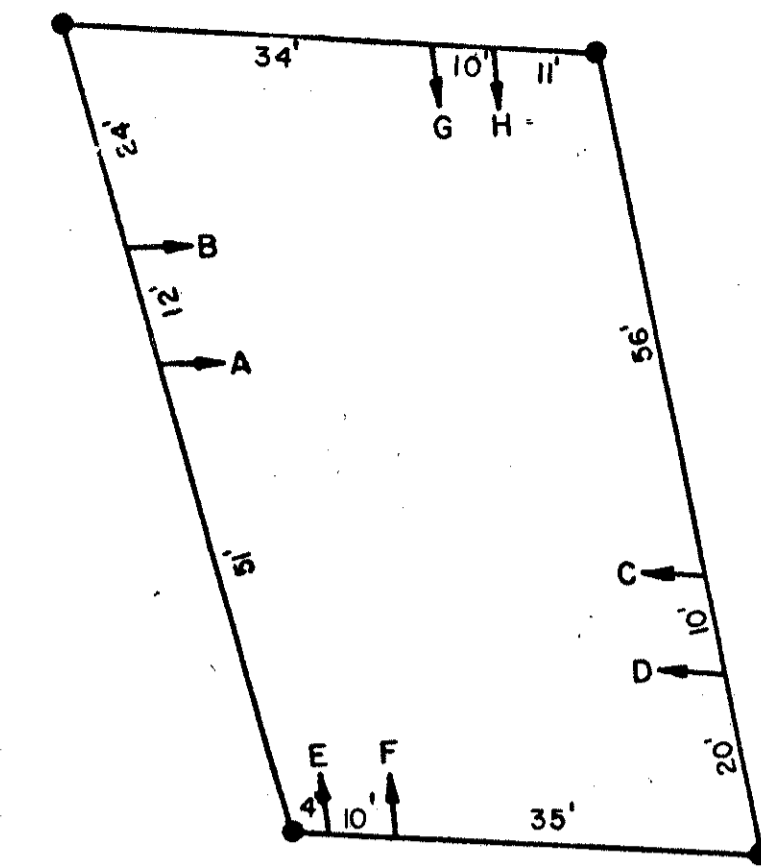
EXIST. POLE No. 296492
STA. 26+93, 32'L

PROP. SIGN R-31C-48
EXIST. POLE No. 805089
STA. 27+59, 32'L

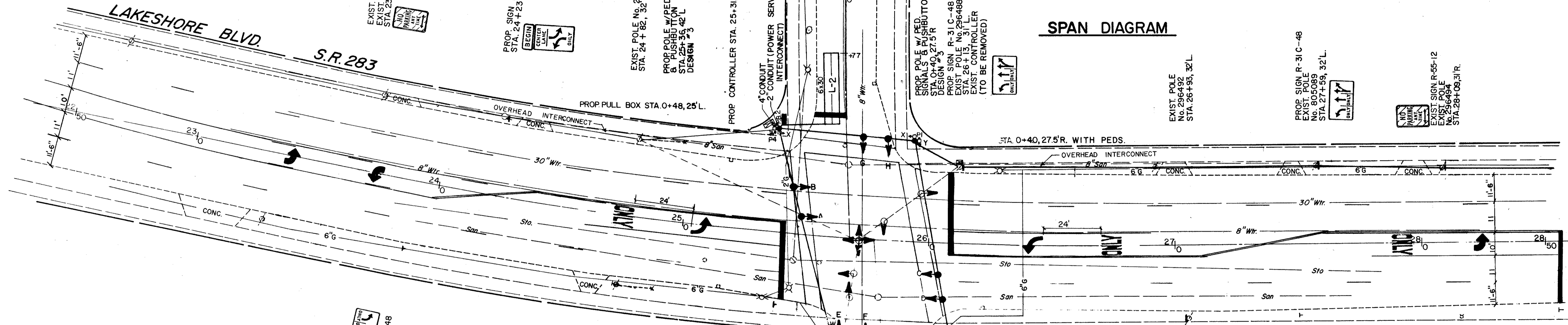
EXIST. SIGN R-55-12
EXIST. POLE No. 296484
STA. 28+09, 31'R



PHASE DIAGRAM



SPAN DIAGRAM



PROP. SIGN R-31C-48
STA. 23+90, 28'R

EXIST. SIGN R-55-12
POLE No. 315334
STA. 24+29R

PROP. SIGN R-31C-48
STA. 25+40, 30'R
PROP. POLE W/PED. SIGNALS & PUSHBUTTON
STA. 0+39, 20'R
DESIGN #3

PROP. POLE W/PED. SIGNALS & PUSHBUTTON
STA. 0+46, 27.5'L
DESIGN #3
PROP. PULL BOX STA. 0+50, 17'L

EXIST. SIGN R-55-12
EXIST. POLE No. 645056
STA. 27+04, 31'R

EXIST. SIGN R10-18
STA. 27+51, 30'R

EXIST. SIGN R-31-24
STA. 28+54, 29'R

FUNCTION	#1	#2
INITIAL GREEN		8.0
MINIMUM GREEN	5.4	
RED WALK	7.0	7.0
RED CLEARANCE	7.0	12.0
GREEN EXTENSION		2.0
MAXIMUM GREEN		19
YELLOW CLEARANCE	3.6	3.2
ALL RED CLEARANCE	1.5	2.0
RECALL	DN	OFF

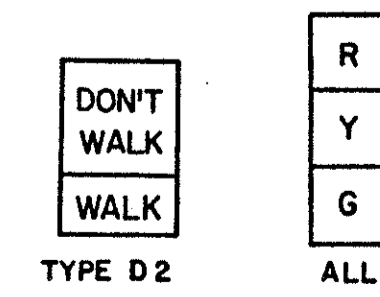
SIGNAL DISPLAY CHART

SIGNAL HEAD	#1				#2				FLASH
	R/W	CLR	R/W	CLR	R/W	CLR	R/W	CLR	
A	G	G	Y	R	R	R	R	R	Y
B	G	G	Y	R	R	R	R	R	Y
C	G	G	Y	R	R	R	R	R	Y
D	G	G	Y	R	R	R	R	R	Y
E	R	R	R	R	G	G	Y	R	R
F	R	R	R	R	G	G	Y	R	R
G	R	R	R	R	G	G	Y	R	R
H	R	R	R	R	G	G	Y	R	R
W-W	DW	DW	DW	DW	W	FDW	DW	DW	OUT
Y-Y	DW	DW	DW	DW	W	FDW	DW	DW	OUT
X-X	W	FDW	DW	DW	DW	DW	DW	DW	OUT
Z-Z	W	FDW	DW	DW	DW	DW	DW	DW	OUT

SIGNAL TIMING

Loop	Size	Number of Turns	Mode	Delay (Sec.)	Remarks
L 1	6'x 30'	2-4-2	PRESENCE	5	
L 2	6'x 30'	2-4-2	PRESENCE	5	

LOOP CHART



12" SIGNAL HEADS

TRAFF-PRO CONSULTANTS INC.
WILLOUGHBY, OHIO

STATE OF OHIO
DEPARTMENT OF TRANSPORTATION

S.R. 283 & E. 293rd ST

DESIGNED	DRAWN	TRACED	CHECKED	REVIEW DATE	REVISED
					J. PETT 8-14-85