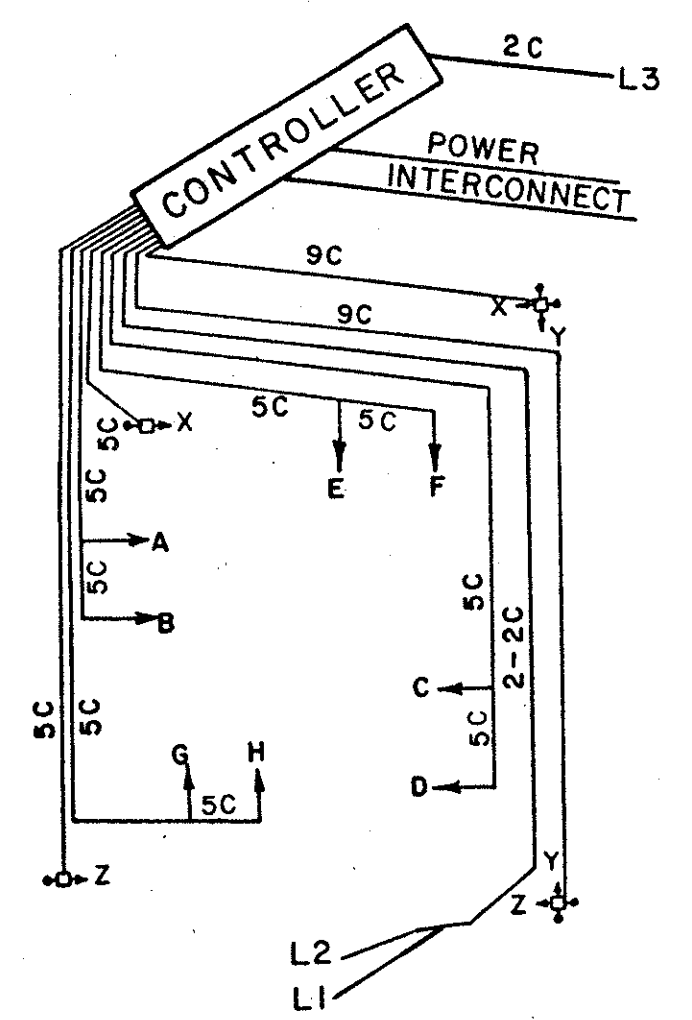
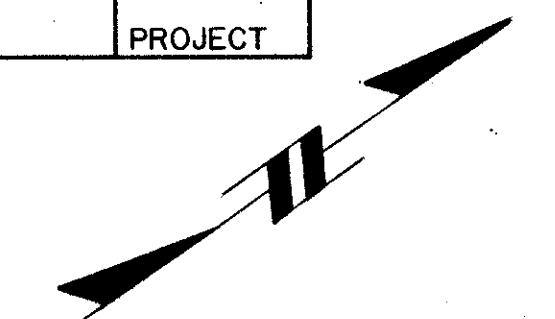
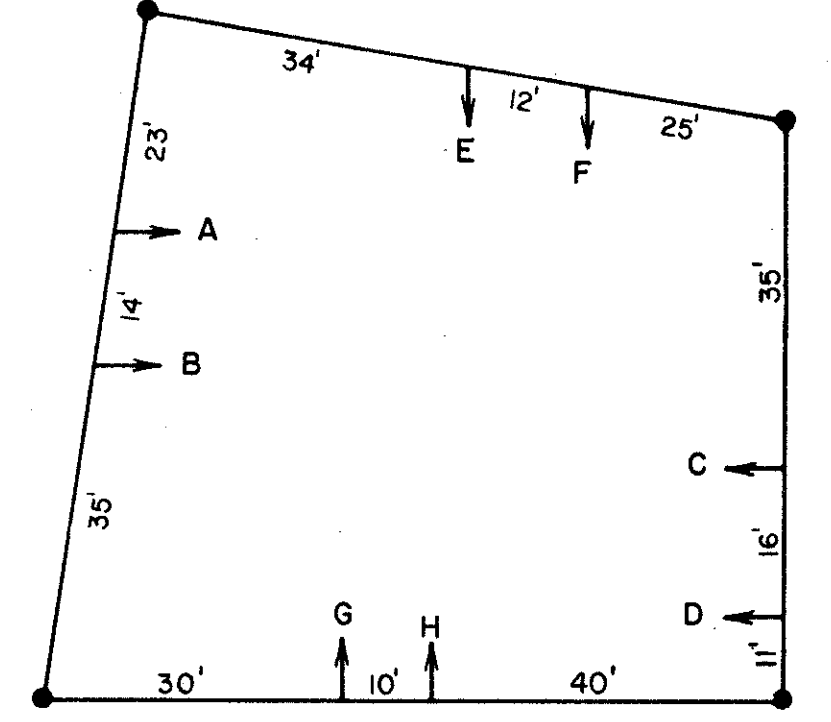


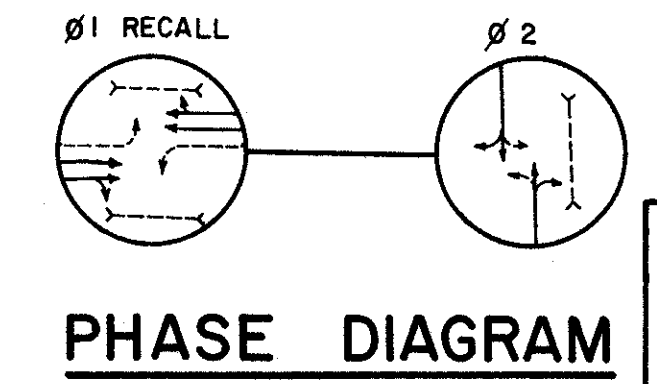
LAKE COUNTY
LAK-283/640-0.23/0.00



WIRING DIAGRAM



SPAN DIAGRAM

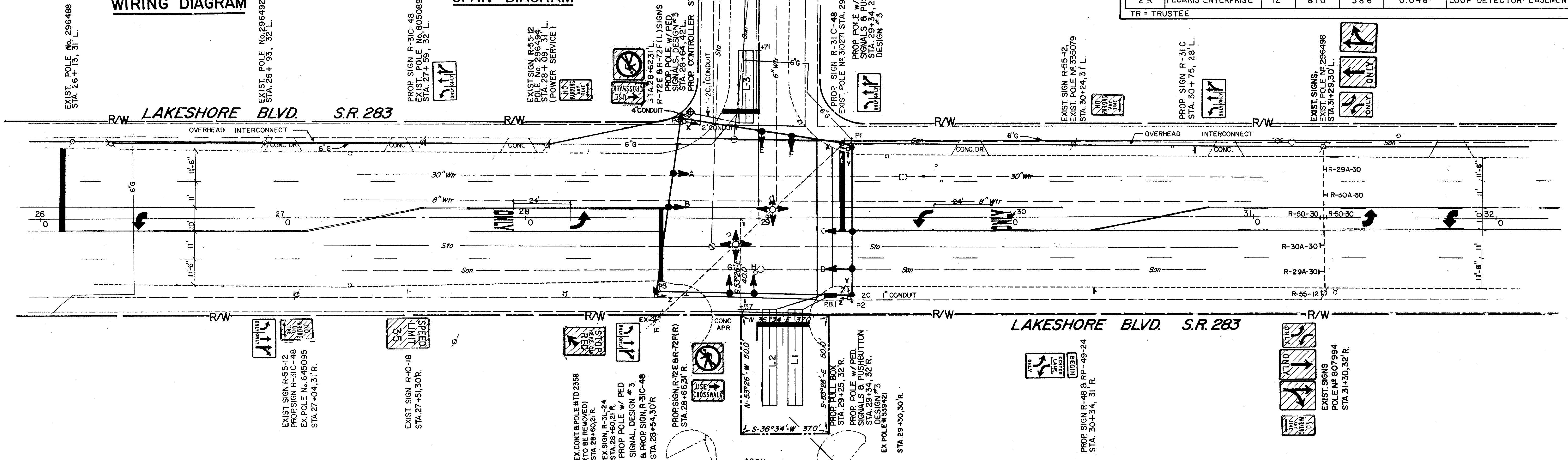


PHASE DIAGRAM

SUMMARY OF ADDITIONAL RIGHT - OF - WAY REQUIRED

PARCEL NO.	OWNER	SHEET NO.	OWNER'S RECORD		TAKE ACREAGE	REMARKS
			VOL.	PAGE		
1 R	ALBERT B. RATNER (TR)	7	792	938	0.042	LOOP DETECTOR EASEMENT
IR-1	ALBERT B. RATNER (TR)	8	792	938	0.035	LOOP DETECTOR EASEMENT
IR-2	ALBERT B. RATNER (TR)	9	792	938	0.047	LOOP DETECTOR EASEMENT
2 R	PECARIS ENTERPRISE	12	810	386	0.048	LOOP DETECTOR EASEMENT

TR = TRUSTEE



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

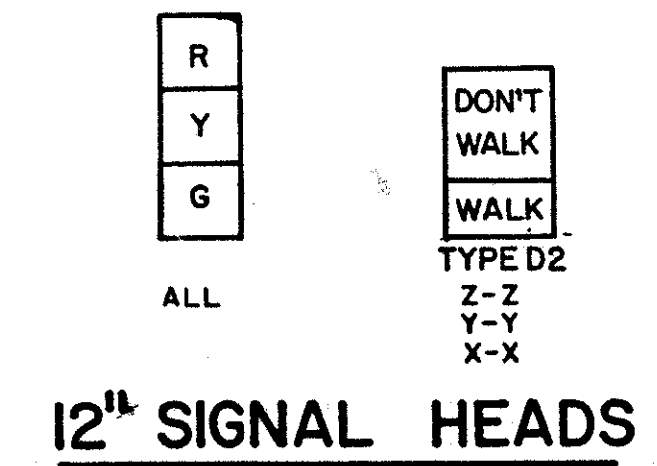
SIGNAL DISPLAY CHART

FUNCTION	Ø1	Ø2
INITIAL GREEN		8.0
MINIMUM GREEN	5.4	7.0
RED WALK	2.0	2.0
RED CLEARANCE	2.0	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

Loop	Size	Number of Turns	Mode	Delay (Sec)	Remarks
L 1	6' x 40'	2-4-2	PRESENCE	5	NO MEMORY
L 2	6' x 40'	2-4-2	PRESENCE	3	NO MEMORY
L 3	6' x 30'	2-4-2	PRESENCE	5	NO MEMORY

LOOP CHART



12th SIGNAL HEADS

TRAFF-PRO CONSULTANTS INC.
WILLOUGHBY, OHIO

STATE OF OHIO
DEPARTMENT OF TRANSPORTATION

S.R.283 & E.294 ST

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

R/W & TRAFFIC CONTROL PLAN