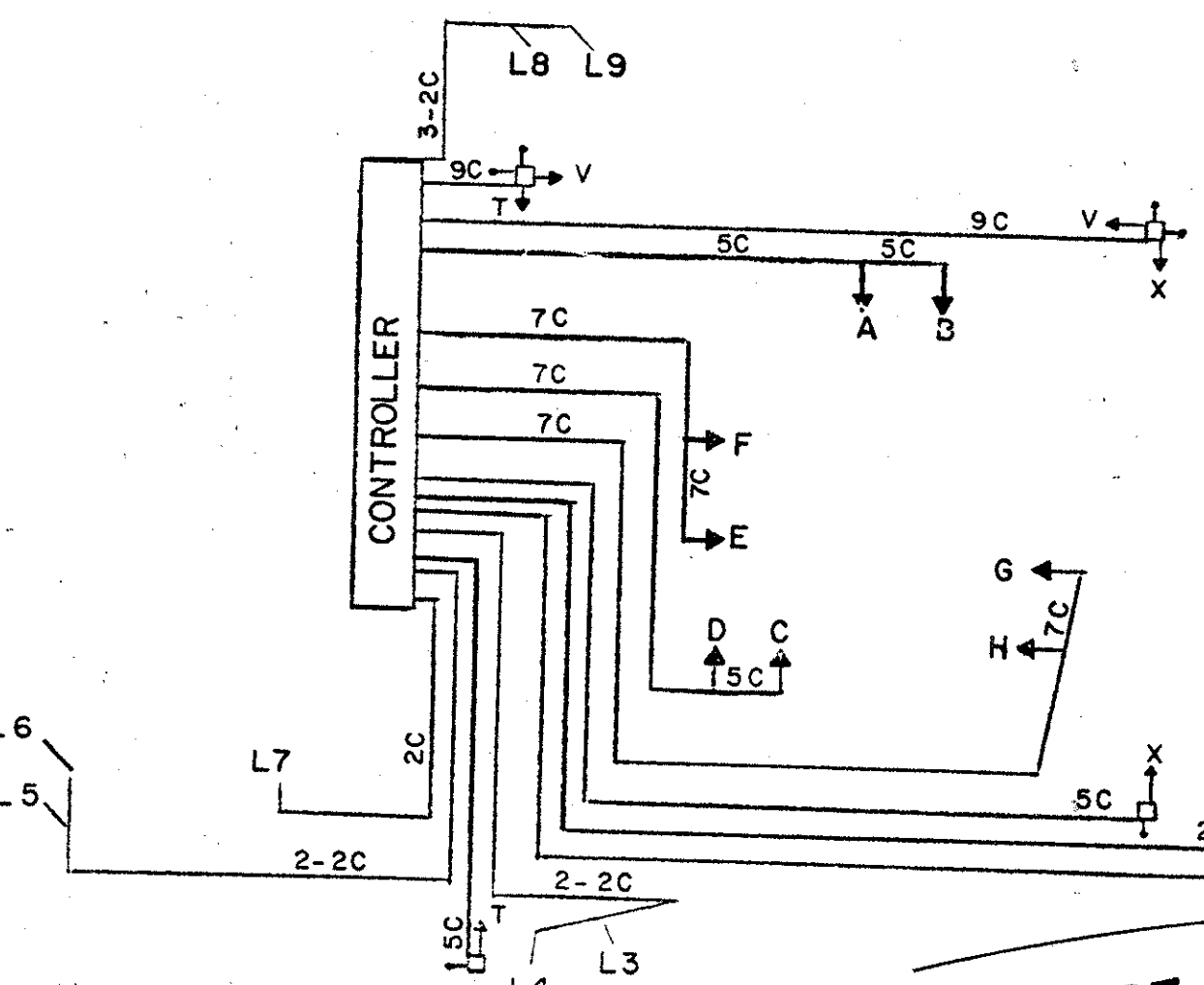


1. STAYS R/G IF Ø1+Ø6 NEXT
 2. STAYS R/G IF Ø2+Ø5 NEXT
 3. STAYS R/G IF Ø1+Ø6 NEXT

SIGNAL	Ø1+Ø5	Ø1+Ø6	Ø2+Ø5	Ø2+Ø6	Ø3	Ø4	FLASH				
HEAD	R/W	CLEAR	R/W	CLEAR	R/W	CLEAR	R/W	CLEAR	R/W	CLEAR	FLASH
A,B	R	R	R	R	R	R	R	R	R	R	R
C	R	R	R	R	R	R	R	R	R	R	R
D	R	R	R	R	R	R	R	R	R	R	R
E	R	R	R	R	R	R	R	R	R	R	R
F	R	R	R	R	R	R	R	R	R	R	R
G	R	R	R	R	R	R	R	R	R	R	R
H	R	R	R	R	R	R	R	R	R	R	R
T-T,X-X	D	D	D	D	D	D	D	D	D	D	DARK
V-V	D	D	D	D	D	D	D	D	D	D	DARK

SIGNAL DISPLAY CHART

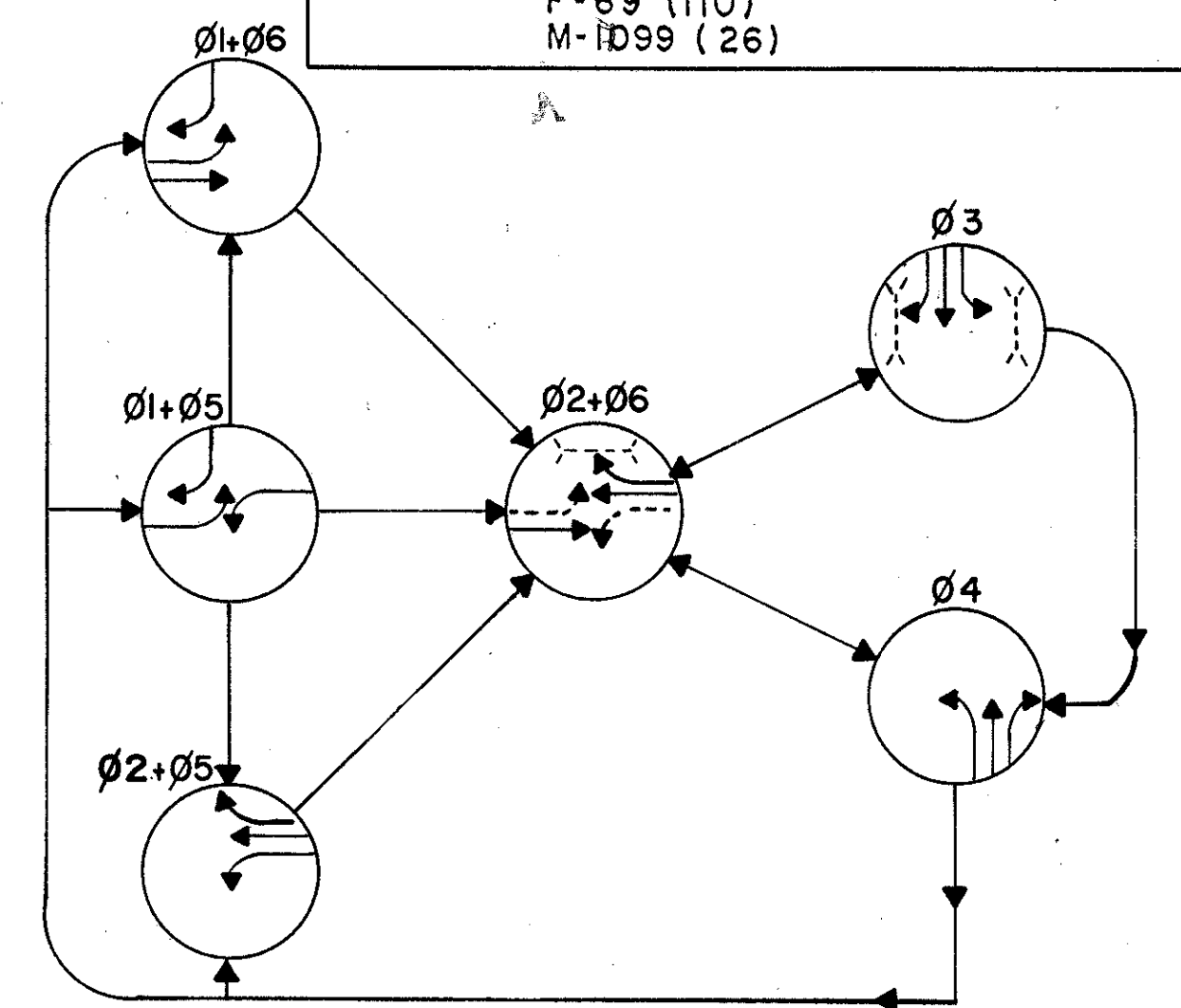
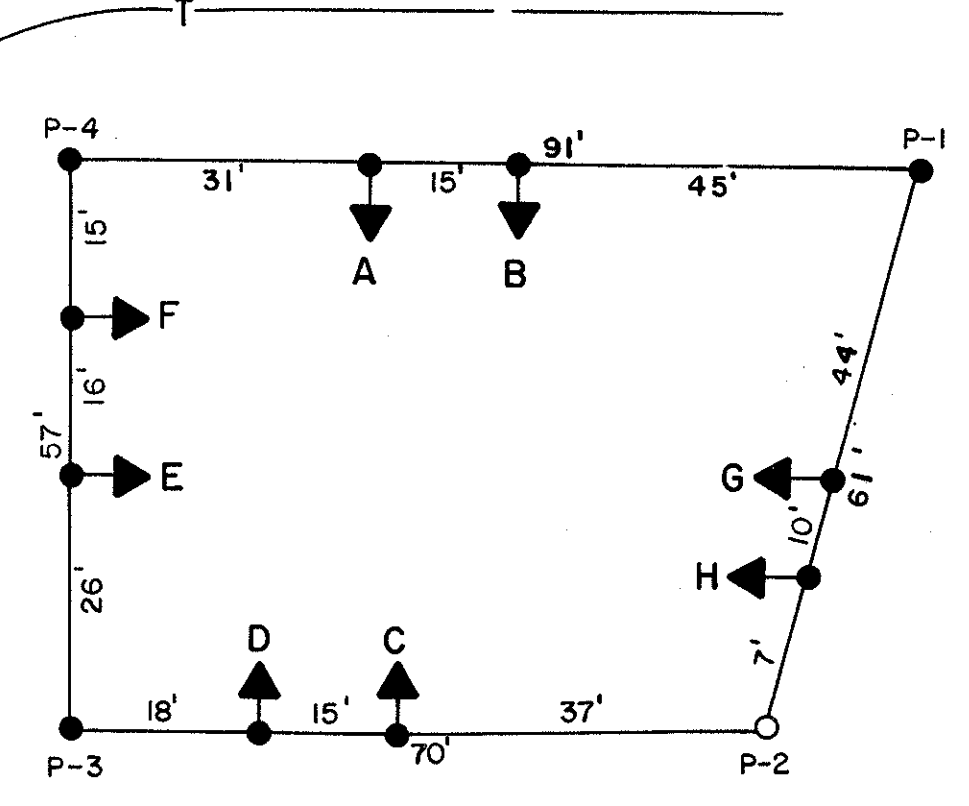


WIRING DIAGRAM

MANOR DR.

ANDREWS ROAD

SPAN DIAGRAM



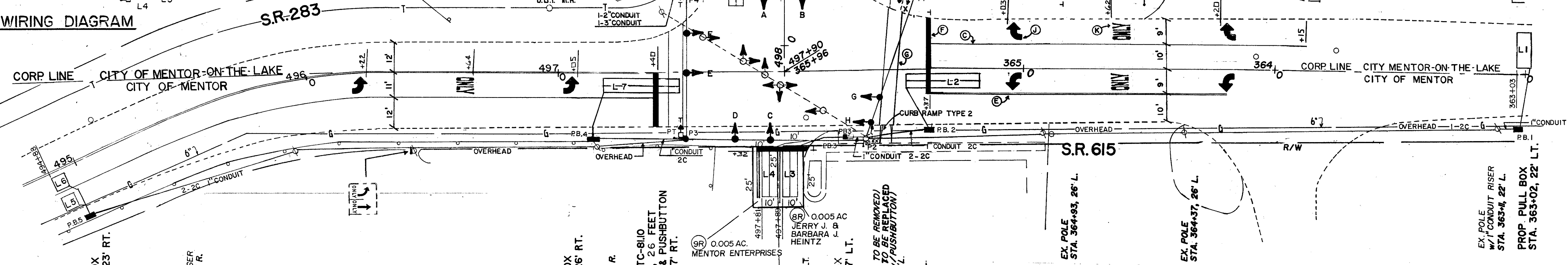
PHASING DIAGRAM

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

EX. POLE (POWER SERVICE) STA. 498+98, 35' LT.
 PROP. PULL BOX STA. 498+54, 30' LT.
 PROP. CONTROLLER STA. 498+24, 48' LT.
 STRAIN POLE, TC-8110 DESIGN N° 3, 26 FEET W/PED SIGNALS & PUSHBUTTONS STA. 498+22, 39' LT.
 EX. POLE STA. 498+13, 49' L.

EX. POLE W/PED SIGNALS (TO BE REMOVED) STA. 365+48, 30' R.
 STRAIN POLE TC-8110 DESIGN N° 4, 26 FEET W/PED SIGNALS AND PUSHBUTTONS STA. 365+44, 50' R.
 PROP. SIGN. R-31M STA. 365+37, 25' R.



PROP. PULL BOX STA. 494+96, 23' RT.

EX. POLE W/PED SIGNALS STA. 493+98, 26' R.

PROP. PULL BOX STA. 497+14, 26' RT.

EX. POLE STA. 497+16, 30' R.

STRAIN POLE, TC-8110 DESIGN N° 4, 26 FEET W/PED SIGNAL & PUSHBUTTON STA. 497+51, 27' RT.

PROP. SIGN. R-31A STA. 365+83, 32' LT.

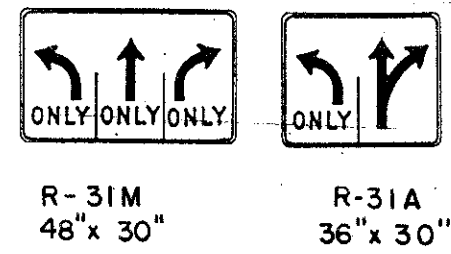
PROP. PULL BOX STA. 368+71, 27' LT.

EX. POLE (EX. CONTROLLER TO BE REMOVED) (EX. PED SIGNAL TO BE REPLACED W/PED SIGNAL) STA. 365+63, 28' L.
 PROP. PULL BOX STA. 365+37, 25' L.

EX. POLE STA. 364+93, 26' L.

EX. POLE STA. 364+37, 26' L.

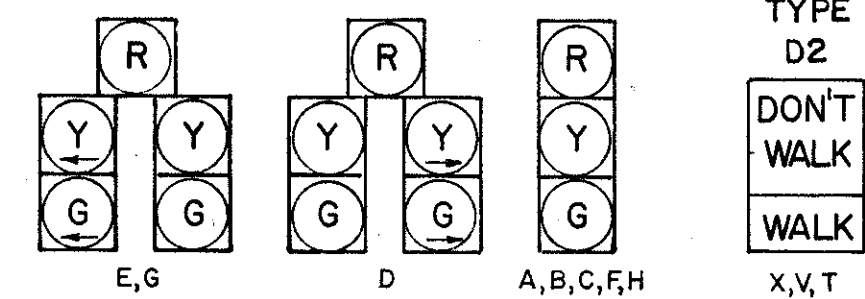
EX. POLE W/PED SIGNALS STA. 363+4, 22' L.
 PROP. PULL BOX STA. 363+02, 22' LT.



PROPOSED SIGNS

FUNCTION	Ø1	Ø2	Ø3	Ø4	Ø5	Ø6
MINIMUM GREEN	7	20	10	10	7	20
PED WALK		7	7			7
PED CLEARANCE		11	15			11
GREEN EXTENSION	4	4	2	2	2	4
MAXIMUM GREEN	20		40	20	20	
YELLOW CLEARANCE	3	3.5	3	3	3	3.5
ALL RED CLEARANCE	1	1.5	1.5	1	1	1.5
RECALL	OFF	ON	OFF	OFF	OFF	ON

SUGGESTED SIGNAL TIMING



12" SIGNAL HEADS

Loop	Size	Number of Turns	Mode	Delay (Sec.)	PHASE	Detector Unit
L 1	6' x 15'	2	PLUSE			1
L 2	6' x 20'	2-4-2	PRESENCE		2, 5	2
L 3	6' x 20'	2-4-2	PRESENCE	4.0	4	3
L 4	6' x 20'	2-4-2	PRESENCE	4.0	4	4
L 5	6' x 6'	3	PLUSE			5
L 6	6' x 6'	3	PLUSE			6
L 7	6' x 20'	2-4-2	PRESENCE		1, 6	7
L 8	6' x 35'	2-4-2	PRESENCE	5.0	3	8
L 9	6' x 20'	2-4-2	PRESENCE		3	9

LOOP CHART

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.283 & S.R.615

DESIGNED	DRAWN	TRACED	CHECKED	REVIEW	DATE	REVISED