

WIRING DIAGRAM

PROP. PULL BOX STA. 237+95.39'L  
 EX. POLE N° 838455 PROP. 1" CONDUIT RISER STA. 237+55.40' L.

EX. POLE N° 845966 STA. 236+44.41' L.

PROP. PULL BOX STA. 235+77.39'L

PROP. PULL BOX STA. 235+32.40' L.

EX. MASTARM WITH PROP. PED SIGNALS AND PUSHBUTTONS STA. 235+32.42' L.  
 EX. POLE N° 838446 STA. 235+34.46' L. PROP. 1" CONDUIT RISER

EX. PULL BOX STA. 234+46.37' L.

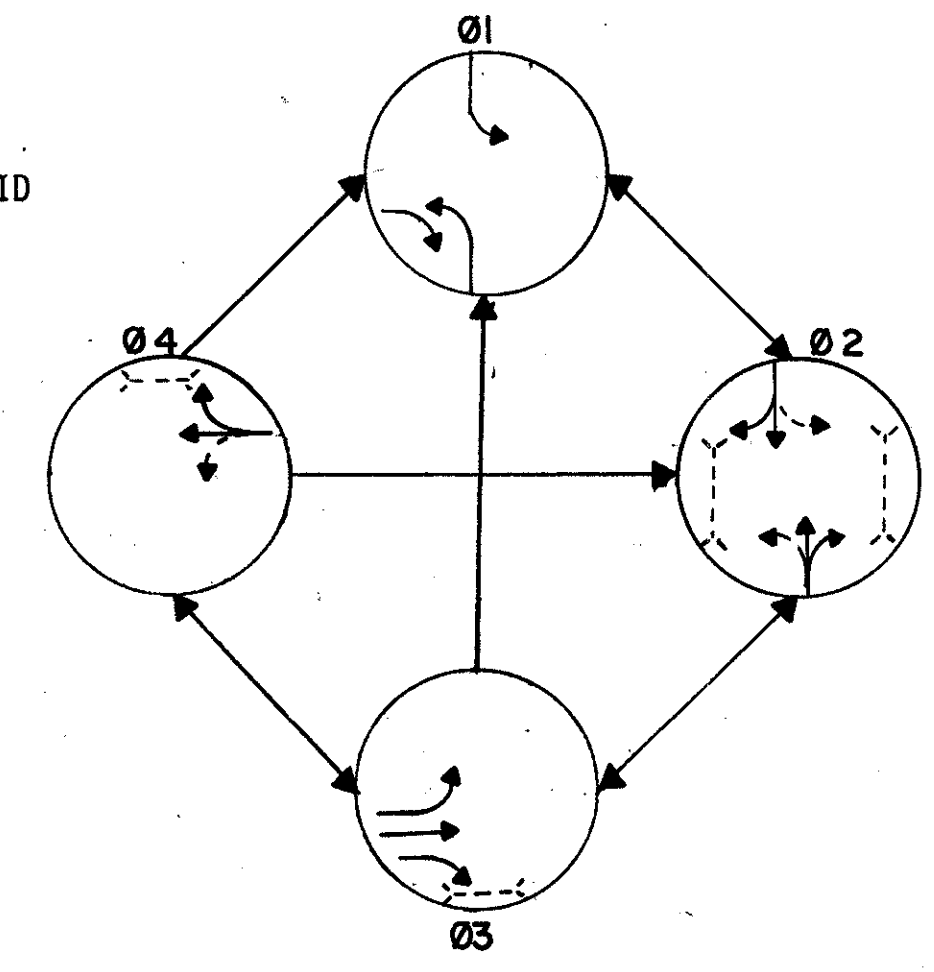
EX. LT. POLE PROP. 1" CONDUIT RISER STA. 234+48.48' L.  
 EX. MASTARM WITH PROP. PED SIGNALS AND PUSHBUTTONS STA. 234+44.39' L.

PROP. PULL BOX STA. 234+64.72' L.

PAVEMENT MARKING LEGEND

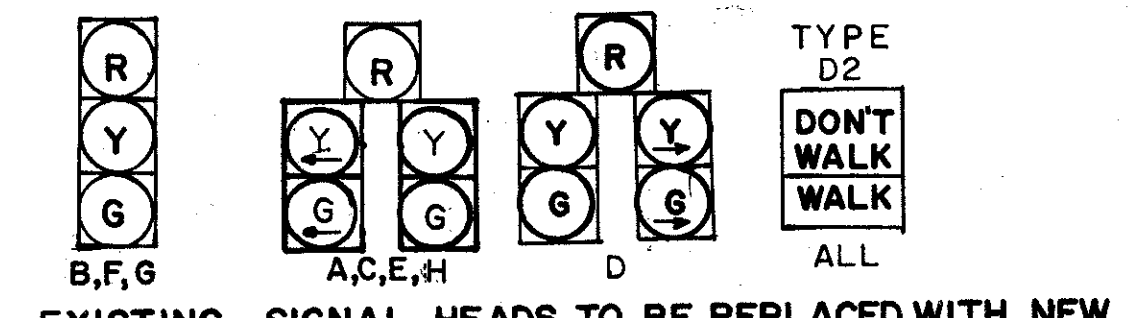
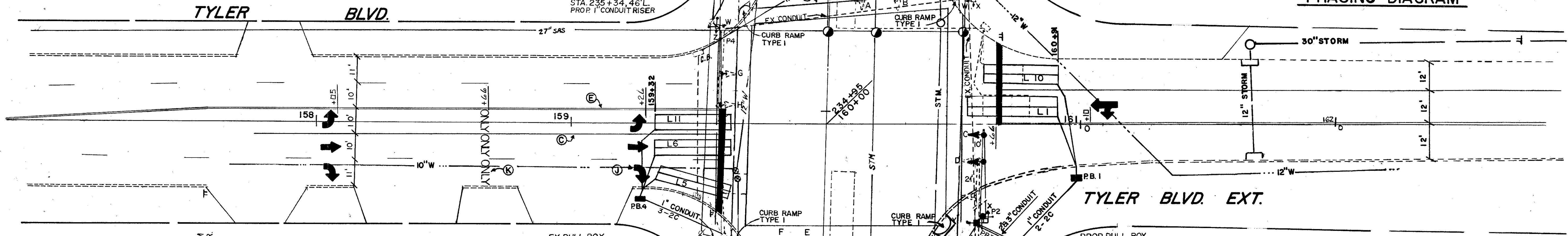
- (A.) LANE LINE
- (B.) CENTER LINE, SINGLE BROKEN
- (C.) CHANNELIZING LINE
- (D.) DOTTED LINE (White or Yellow)
- (E.) CENTER LINE, DOUBLE SOLID
- (F.) STOP LINES
- (G.) CROSSWALK LINES
- (H.) CENTERLINE, DOUBLE BROKEN, 1 SOLID
- (I.) TRANSVERSE LINES
- (J.) LANE ARROW
- (K.) WORD "ONLY" ON PAVEMENT, 72"
- (L.) SCHOOL SYMBOL MARKING, 72"
- (M.) ISLAND MARKING, YELLOW
- (N.) PARKING STALL MARKING
- (P.) YELLOW EDGE LINE

NOTE: Ø8 CONTROLLER TO BE INSTALLED AT THIS LOCATION

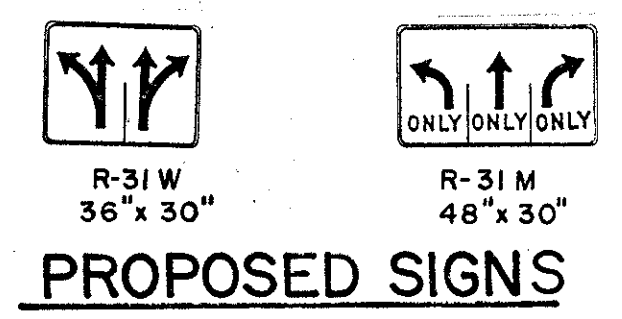


PHASING DIAGRAM

PROP. SIGN R-31W STA. 162+72.33' L.



PROPOSED 12" SIGNAL HEADS



PROPOSED SIGNS

FUNCTION	Ø1	Ø2	Ø3	Ø4
MINIMUM GREEN	12	18	14	11
PED WALK		7		7
PED CLEARANCE		15		15
GREEN EXTENSION	3	6	2	2
MAXIMUM GREEN	15		20	20
YELLOW CLEARANCE	3	3	3	3
ALL RED CLEARANCE		2	1	1
RECALL	OFF	ON	OFF	OFF

SUGGESTED SIGNAL TIMING

SIGNAL HEAD	Ø1	Ø2	Ø3	Ø4	FLASH
A	R/W	R/W	R/W	R/W	R/W
B	R	R	R	R	R
C	R	R	R	R	R
D	R	R	R	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
W-W	DW	DW	DW	DW	DW
X-X	DW	DW	DW	DW	DW
Y-Y	DW	DW	DW	DW	DW
Z-Z	DW	DW	DW	DW	DW

SIGNAL DISPLAY CHART

Loop	Size	Number of Turns	Mode	Delay (Sec)	PHASE	Detector Unit
L1	8x35'	2-4-2	PRESENCE		3	1
L2	6x8'	3	PULSE		2	2
L3	6x8'	3	PULSE		2	3
L4	9x30'	2-4-2	PRESENCE	5	1	4
L5	8x30'	2-4-2	PRESENCE	7	4	5
L6	6x30'	2-4-2	PRESENCE		4	6
L7	6x8'	3	PULSE		2	7
L8	6x8'	3	PULSE		2	8
L9	7x30'	2-4-2	PRESENCE	5	1	9
L10	8x30'	2-4-2	PRESENCE	5	4	10
L11	6x30'	2-4-2	PRESENCE		3	11

DETECTOR 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  
 CENTER ST. & TYLER BLVD.  
 DESIGNED: \_\_\_\_\_ DRAWN: \_\_\_\_\_ TRACED: \_\_\_\_\_ CHECKED: \_\_\_\_\_ REVIEW: \_\_\_\_\_ DATE: \_\_\_\_\_ REVISED: \_\_\_\_\_  
 D.J.H.