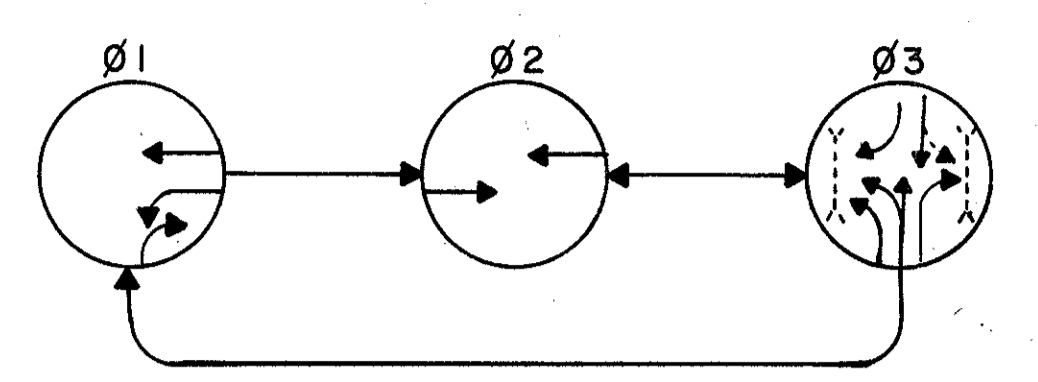
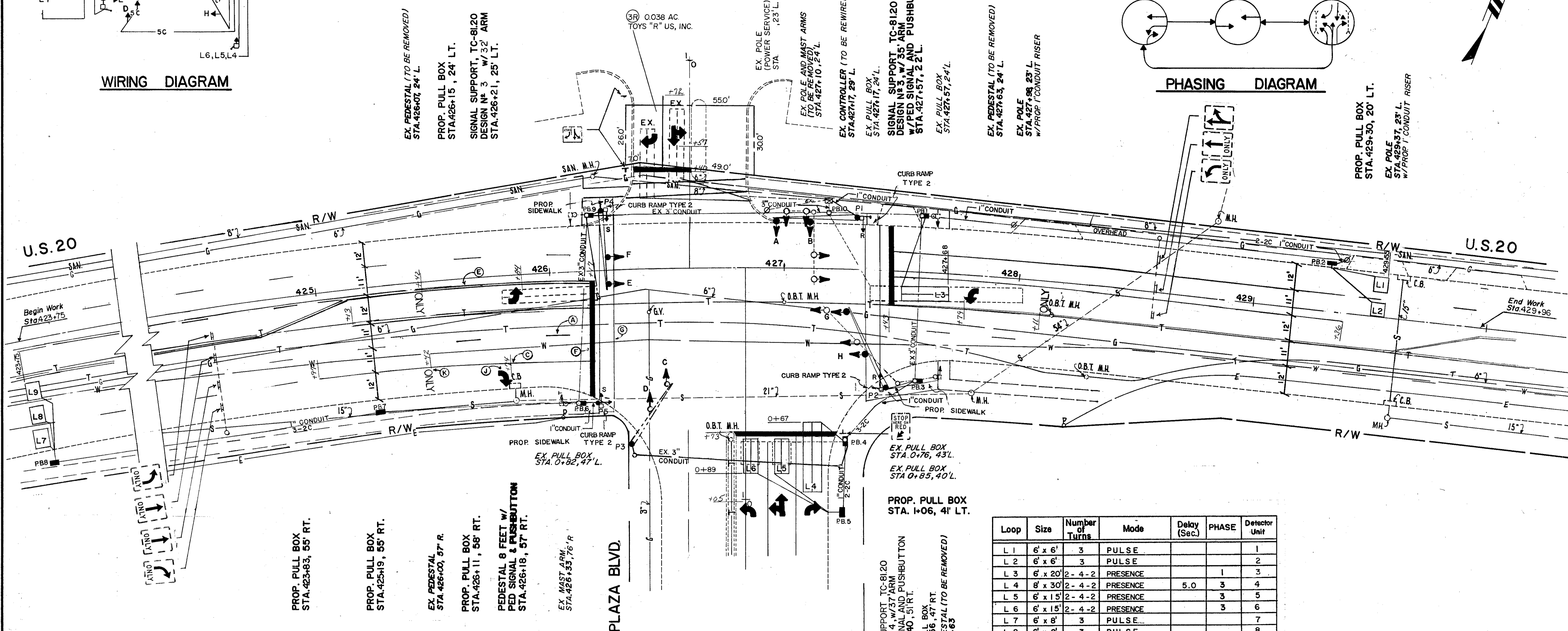


WIRING DIAGRAM



PHASING DIAGRAM



EX. PEDESTAL (TO BE REMOVED) STA. 426+07, 24' L.

PROP. PULL BOX STA. 426+15, 24' LT.

SIGNAL SUPPORT, TC-8120 DESIGN No. 3 w/ 32' ARM STA. 426+21, 25' LT.

EX. POLE (POWER SERVICE) STA. 427+17, 24' L.

EX. PULL BOX STA. 427+17, 24' L.

SIGNAL SUPPORT, TC-8120 DESIGN No. 3 w/ 35' ARM w/ PED SIGNAL AND PUSHBUTTON STA. 427+57, 22' L.

EX. PULL BOX STA. 427+57, 24' L.

EX. PEDESTAL (TO BE REMOVED) STA. 427+63, 24' L.

EX. POLE STA. 427+98, 23' L. w/ PROP. 1" CONDUIT RISER

PROP. PULL BOX STA. 429+30, 20' LT.

EX. POLE STA. 429+37, 23' L. w/ PROP. 1" CONDUIT RISER

PROP. PULL BOX STA. 423+83, 55' RT.

PROP. PULL BOX STA. 425+19, 55' RT.

EX. PEDESTAL STA. 426+00, 57' R.

PROP. PULL BOX STA. 426+11, 58' RT.

PEDESTAL 8 FEET w/ PED SIGNAL & PUSHBUTTON STA. 426+18, 57' RT.

EX. MAST ARM, STA. 426+33, 76' R.

EX. PULL BOX STA. 0+76, 43' L.

EX. PULL BOX STA. 0+85, 40' L.

PROP. PULL BOX STA. 1+06, 41' LT.

Loop	Size	Number of Turns	Mode	Delay (Sec.)	PHASE	Detector Unit
L 1	6' x 6'	3	PULSE			1
L 2	6' x 6'	3	PULSE			2
L 3	6' x 20'	2-4-2	PRESENCE		1	3
L 4	6' x 30'	2-4-2	PRESENCE	5.0	3	4
L 5	6' x 15'	2-4-2	PRESENCE		3	5
L 6	6' x 15'	2-4-2	PRESENCE		3	6
L 7	6' x 8'	3	PULSE			7
L 8	6' x 8'	3	PULSE			8
L 9	6' x 8'	3	PULSE			9

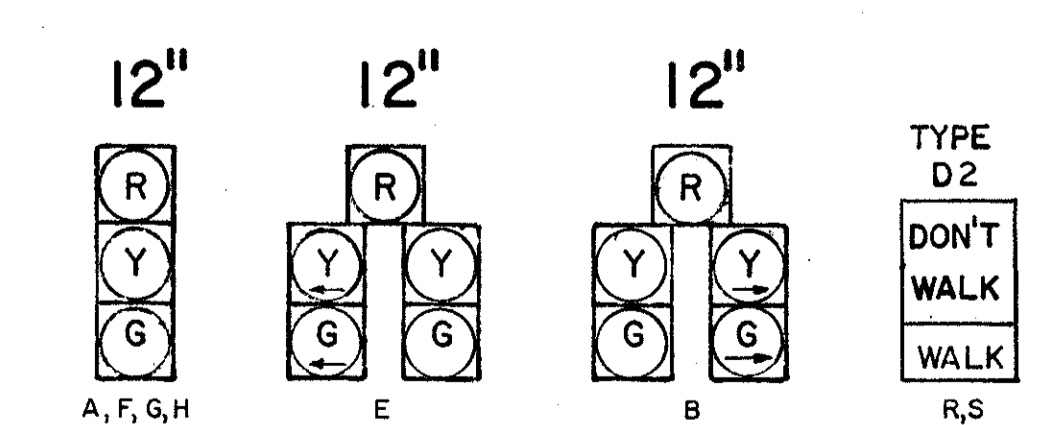
LOOP CHART

FUNCTION	Ø1	Ø2	Ø3
MINIMUM GREEN	7	20	10
PED WALK			9
PED CLEARANCE			14
GREEN EXTENSION	2	4	3
MAXIMUM GREEN	20		30
YELLOW CLEARANCE	3	3.5	3.5
ALL RED CLEARANCE	1	1.5	3.5
RECALL	OFF	ON	OFF

SUGGESTED SIGNAL TIMING

SIGNAL HEAD	Ø1	Ø2	Ø3	FLASH
A	R R R R R R R	G G Y R R		
B	R G R R R R R	G G Y R R		
C	R R R R R R R	G G Y R R		
D	R R R R R R R	G G Y R R		
E	G G G G Y R R	R R R R Y		
F	G G G G Y R R	R R R R Y		
G, H	R R R R G Y R	R R R R Y		
R, S	D D D D D D W	FDW D D		DARK

SIGNAL DISPLAY CHART



SIGNAL HEADS

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

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

U.S. 20 & PLAZA BLVD.

DESIGNED	DRAWN	TRACED	CHECKED	REVIEW DATE	REVISED
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