

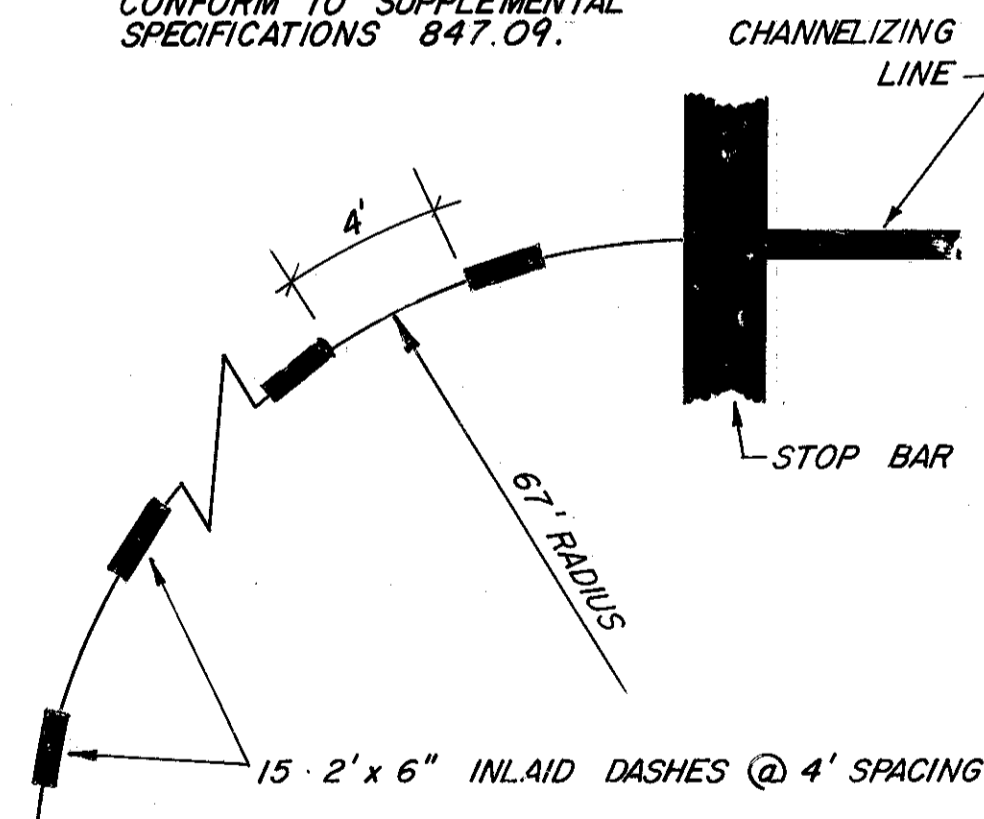
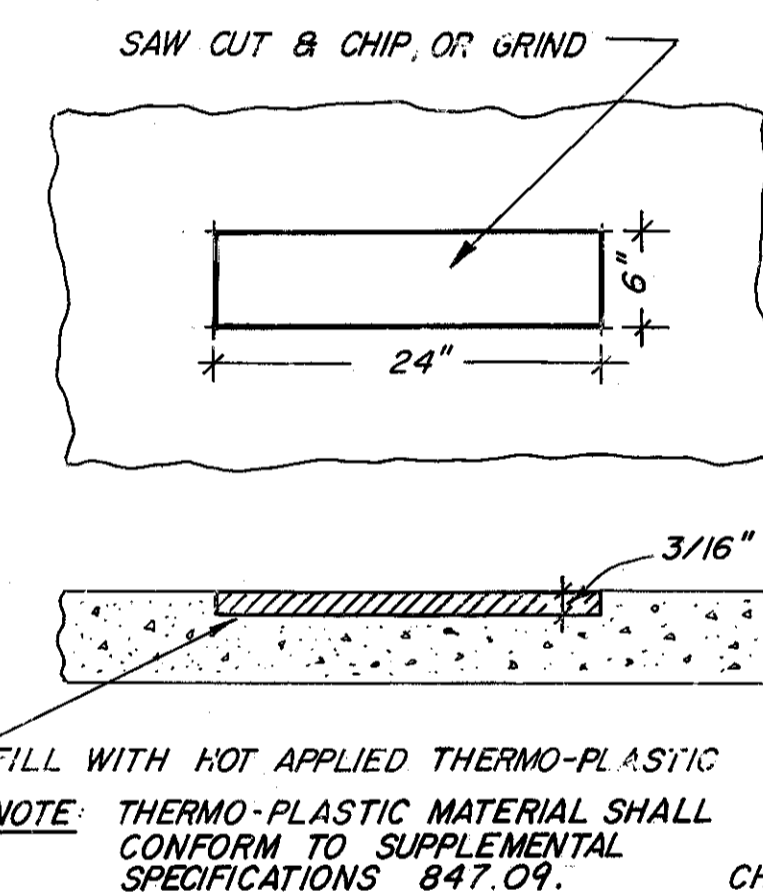
LAKE COUNTY
LAK-306-4.74

QUANTITY CALCULATIONS
BY: JZ DATE: 2/25/81
CHKD: DA DATE: 3/11/81
COLPETZER - WOODS CONSULTANTS

NOTE: EXISTING UNDERGROUND UTILITIES ARE NOT SHOWN. SEE CONSTRUCTION PLANS. CONTRACTOR IS FULLY RESPONSIBLE FOR ALL DAMAGE INFLICTED ON UNDERGROUND UTILITIES.

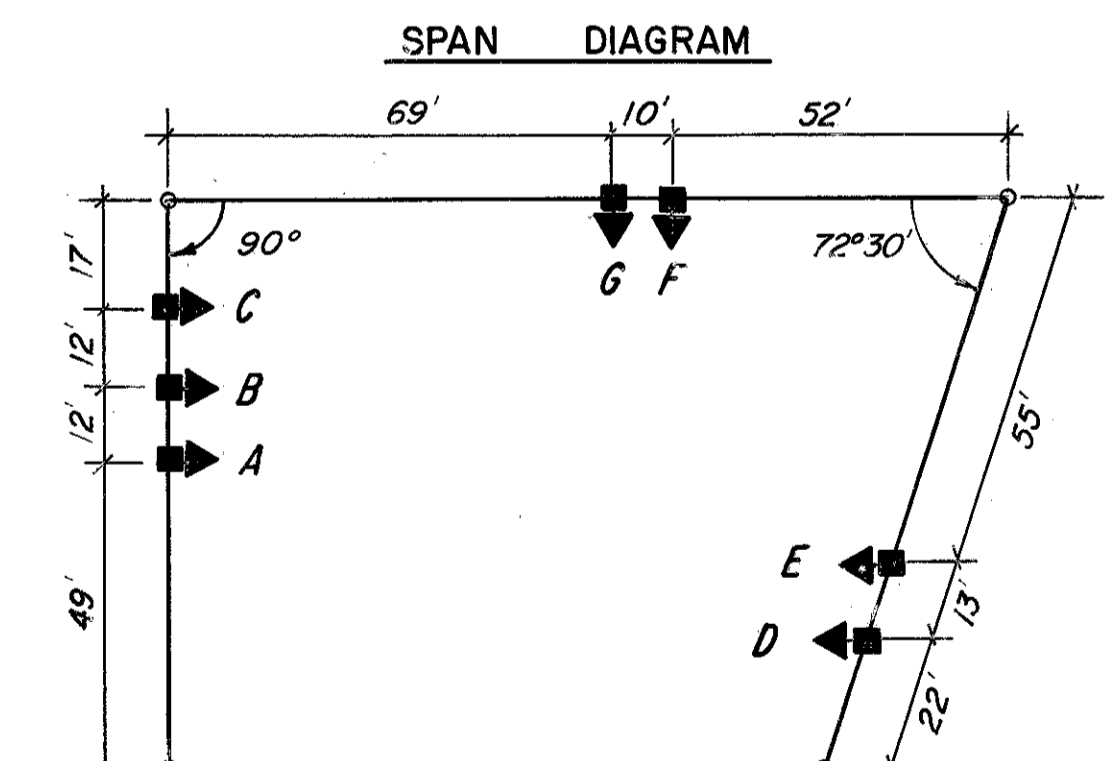
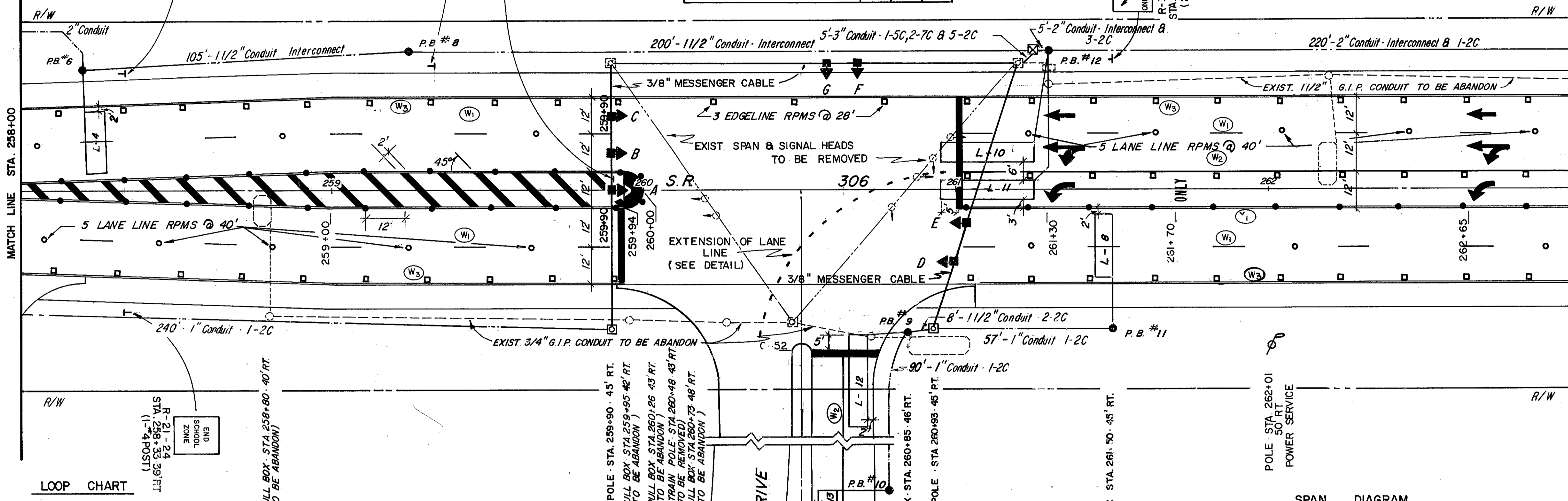
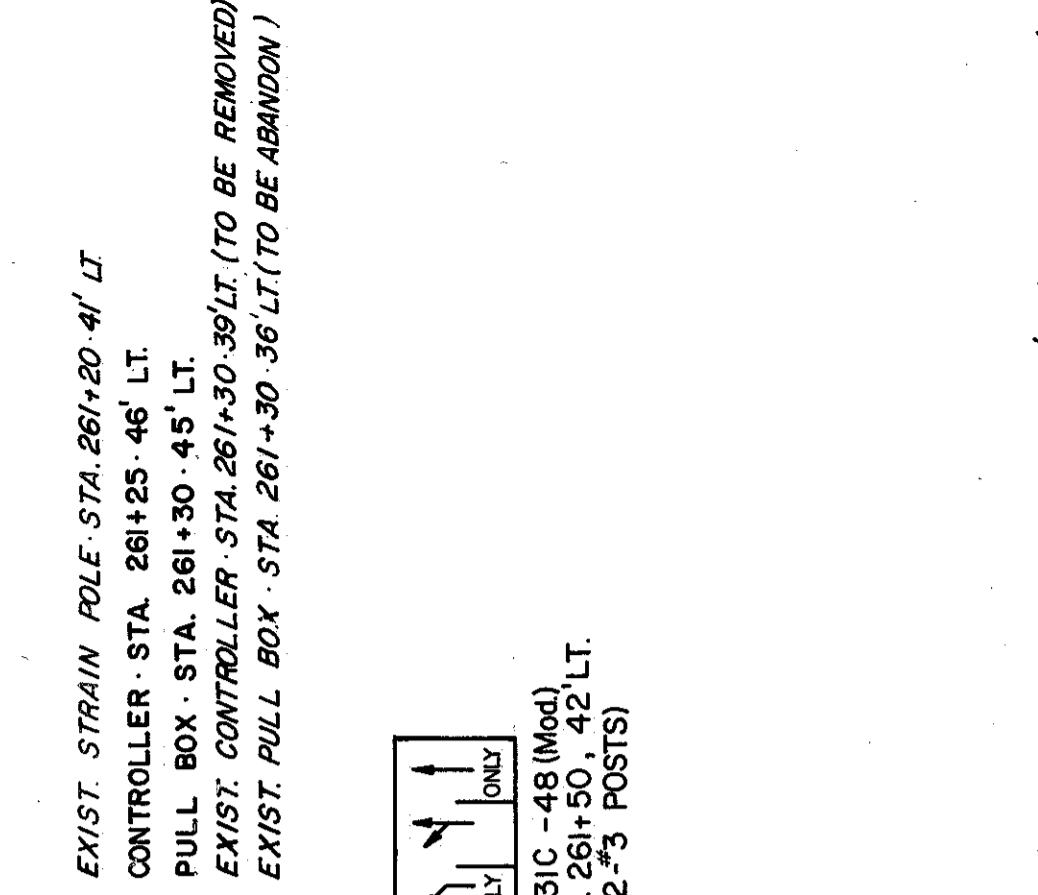
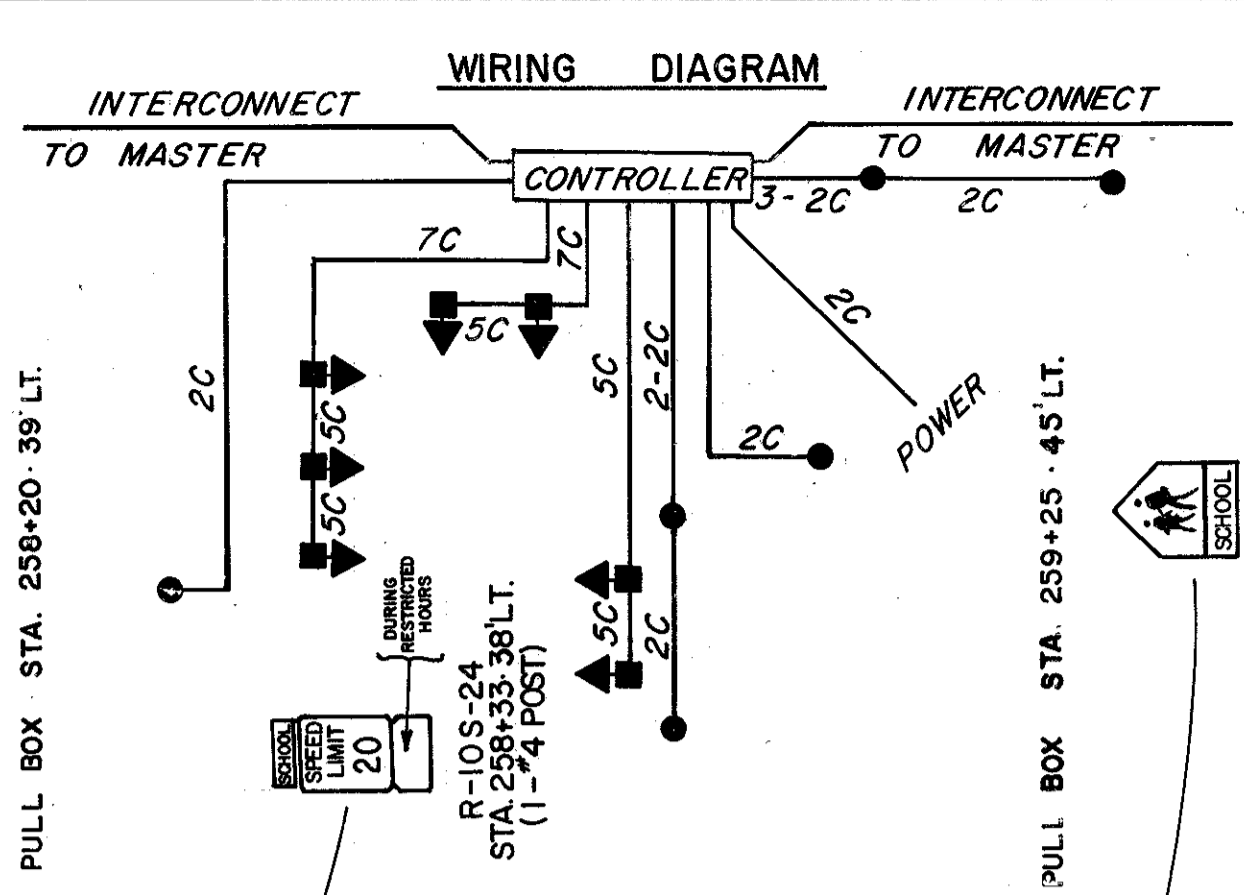
NOTE: EDGELINE, CHANNELIZING LINE, AND CENTERLINE RAISED PAVEMENT MARKERS ARE AT 20' SPACING UNLESS OTHERWISE NOTED. LANE LINE RAISED PAVEMENT MARKERS ARE AT 80' SPACING UNLESS OTHERWISE NOTED.

IN-LAID PAVEMENT MARKING DETAIL FOR EXTENSION OF LANE LINE



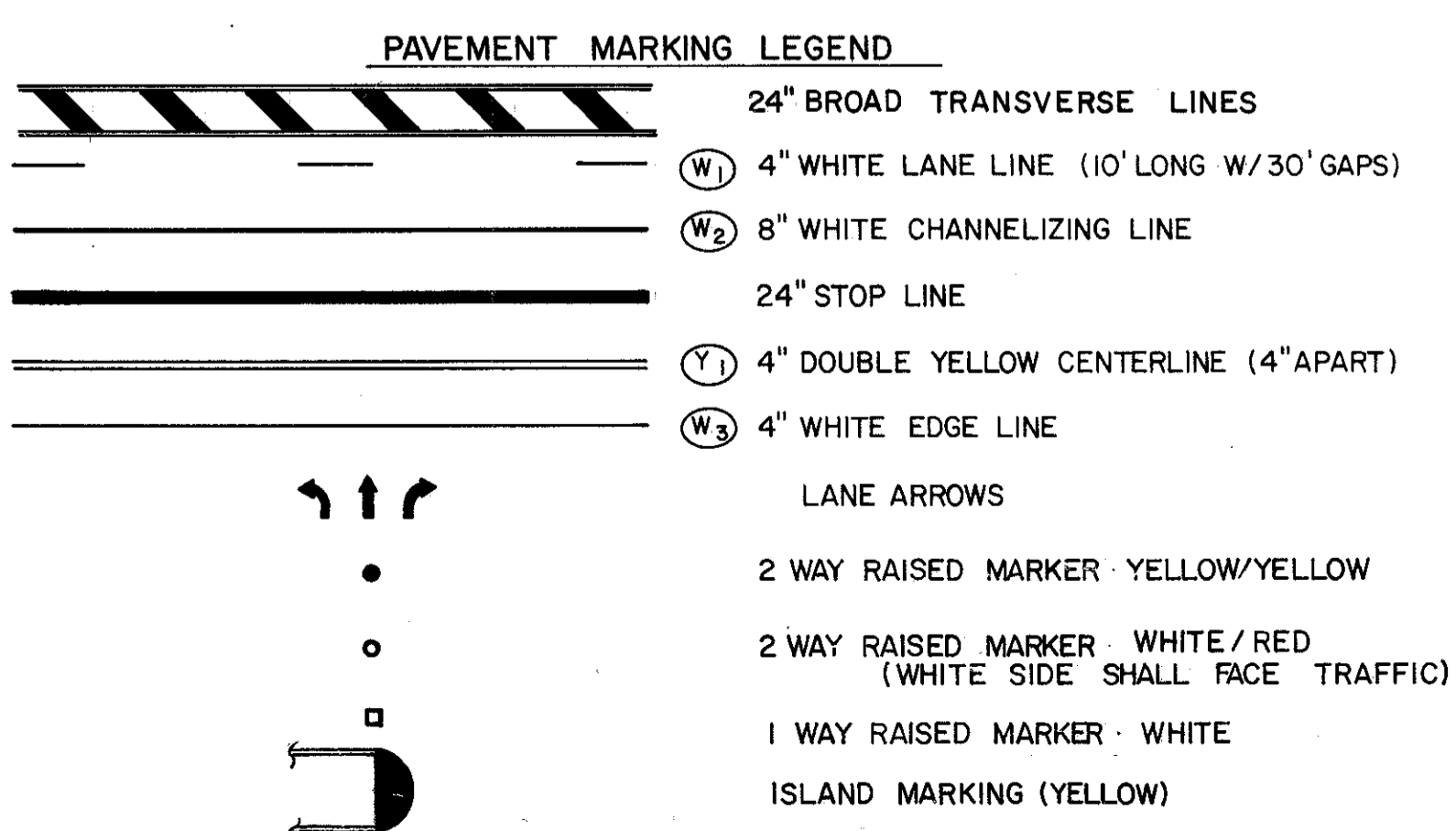
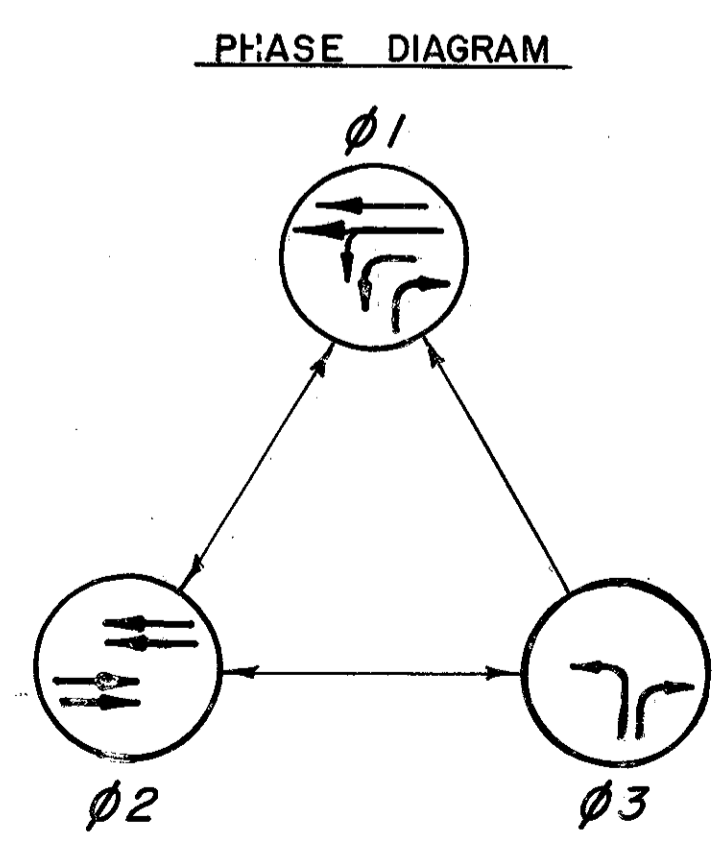
TIMING CHART

FUNCTION	Ø1	Ø2	Ø3
INITIAL GREEN	8.0	-	7.0
MINIMUM INITIAL	-	15	-
Nº OF ACTUATIONS TO GIVE MAXIMUM INITIAL	-	10	-
MAXIMUM INITIAL	-	25	-
MAXIMUM GAP	-	5.0	-
TIME WAITING TO REDUCE TO MINIMUM GAP	-	26	-
MINIMUM GAP	-	3.0	-
LAST VEHICLE PASSAGE	-	5.0	-
GREEN EXTENSION	4.0	-	2.0
YELLOW CLEARANCE	3.0	3.0	3.0
ALL RED CLEARANCE	1.5	1.5	1.5
RECALL	OFF	MIN.	OFF



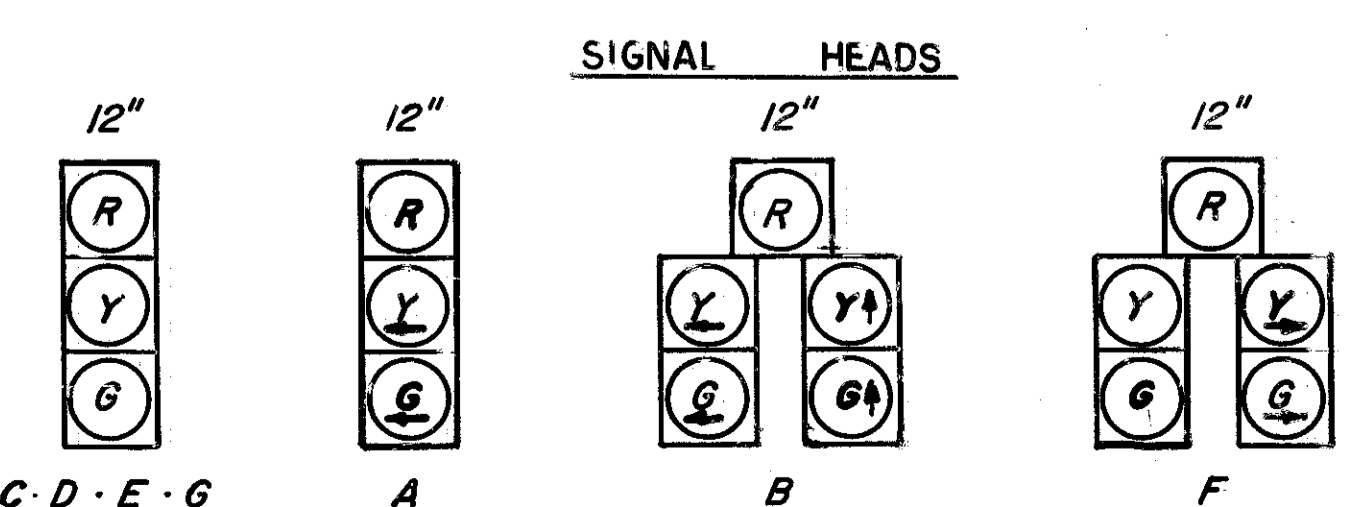
LOOP CHART

LOOP	SIZE	MODE	SPECIAL FUNCTIONS
7	6 x 20		
8	6 x 20		SYSTEM'S VOLUME
9	6 x 20		CALL Ø2 ONLY
10	6 x 30		CALL Ø1 ONLY
11	6 x 30		CALL & EXTEND Ø1
12	6 x 30	DELAY-5SEC.	
13	6 x 6		



DISPLAY CHART

FLASH	SIGNAL HEAD	Ø1	Ø2	Ø3
		B/W CLEAR	B/W CLEAR	B/W CLEAR
-	A	G	Y R R R R R R R	R R R R
-	B	G	Y - - - - -	- - - - -
Y	B ↑	G	G	G
Y	C	G	G G G G Y R R R R	R R R R
Y	D	R	R R R G Y R R R R	R R R R
Y	E	R	R R R R G Y R R R R	R R R R
R	F	R	R R R R R R R G Y R	R R R R
R	G	R	R R R R R R R G Y R	R R R R



COLPETZER - WOODS CONSULTANTS INC.
MENTOR, OHIO

STATE OF OHIO
DEPARTMENT OF TRANSPORTATION

DESIGNED	DRAWN	TRACED	CHECKED	REVIEW DATE	REVISED