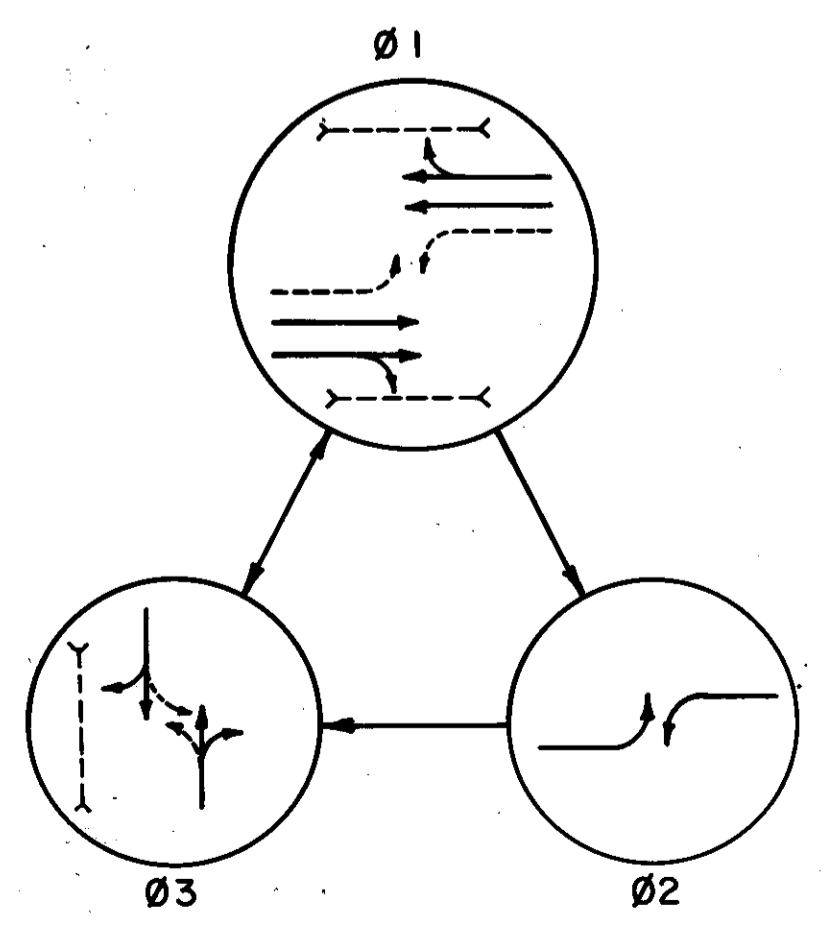
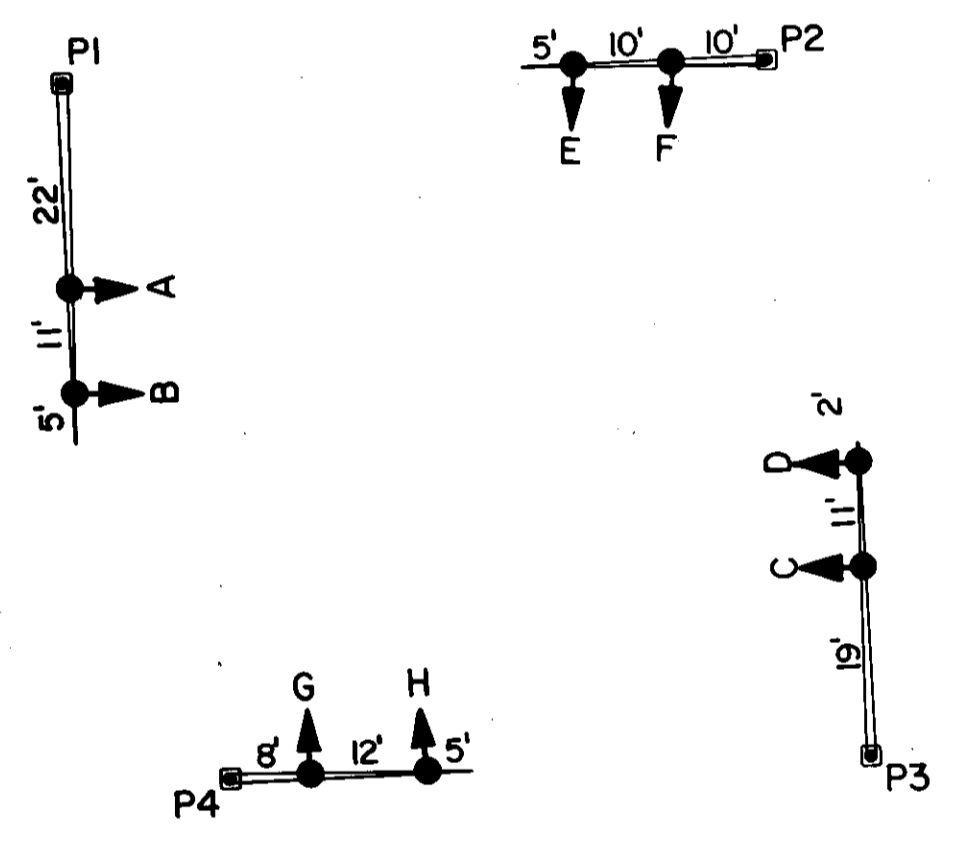
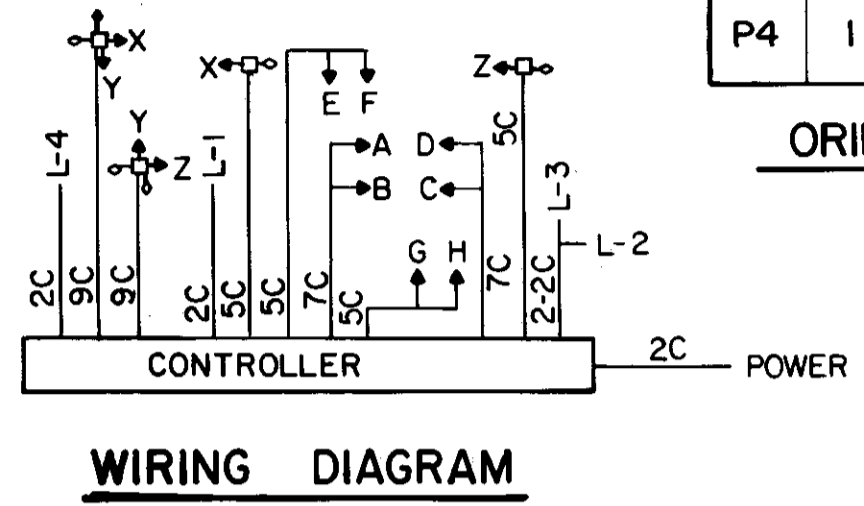


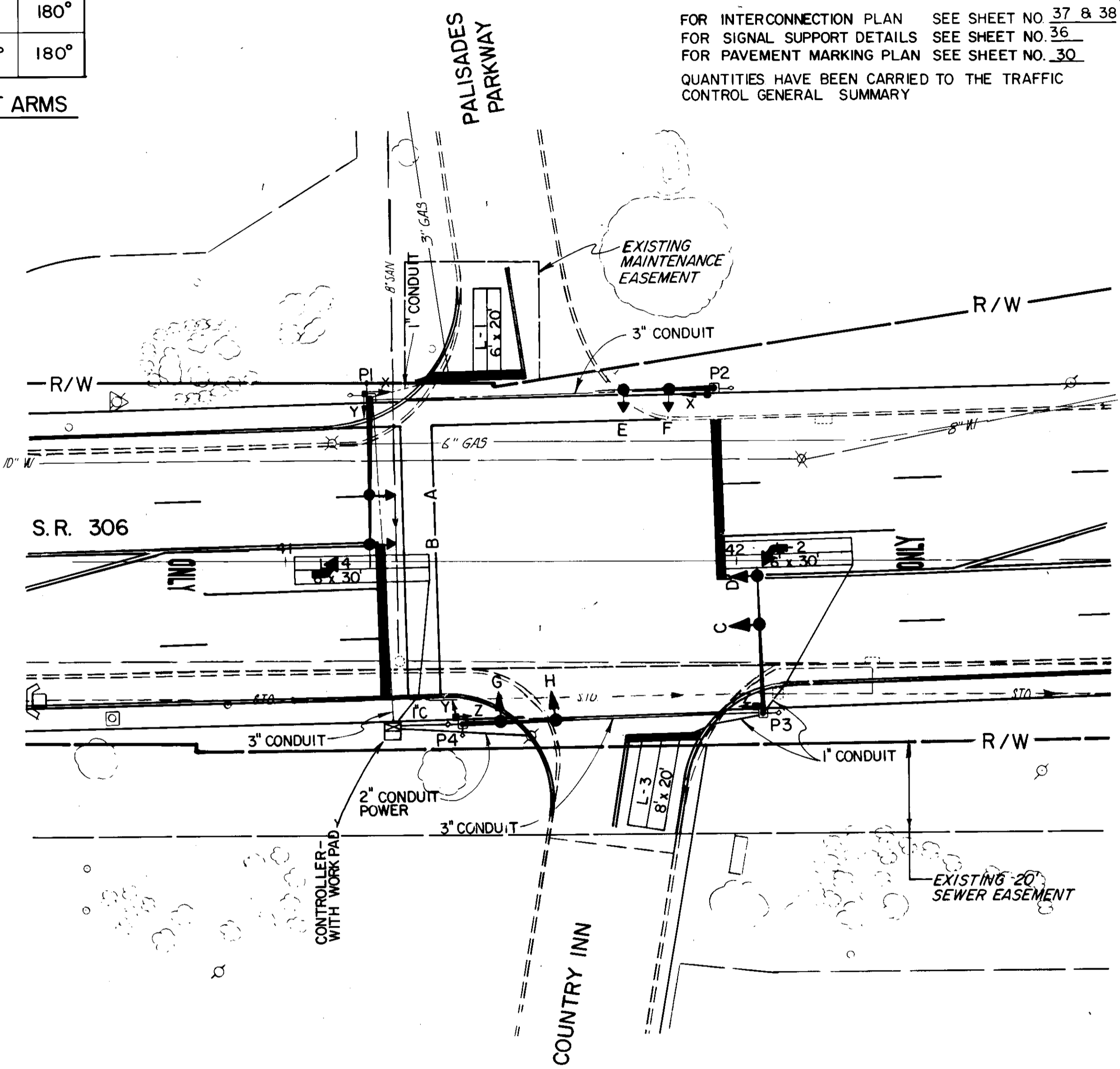
SUPPORT NUMBER	SIGNAL SUPPORT TYPE TC-81.20					ORIENTATION ANGLES FROM MAST ARM (DEG.)	
	DESIGN No.	POLE HEIGHT (FT.)	L (FT.)	L1 (FT.)	L2 (FT.)	MAST ARM ANGLE (DEG.)	HANDHOLE
P1	3	23	38	22	33	0°	135° 180°
P2	1	23	25	10	20	90°	45° 180°
P3	2	23	32	19	30	0°	315° 180°
P4	1	23	25	8	20	90°	225° 180°

ORIENTATION CHART FOR MAST ARMS



LOOP	SIZE	TURNS	MODE	DELAY	EXTEND	REMARKS
L-1	6X20	2-4-2	PRESENCE			QUADRAPOLE
L-2	6X30	2-4-2	PRESENCE			QUADRAPOLE
L-3	8X20	2-4-2	PRESENCE			QUADRAPOLE
L-4	6X30	2-4-2	PRESENCE			QUADRAPOLE

LOOP DETECTOR CHART



FOR INTERCONNECTION PLAN SEE SHEET NO. 37 & 38
 FOR SIGNAL SUPPORT DETAILS SEE SHEET NO. 36
 FOR PAVEMENT MARKING PLAN SEE SHEET NO. 30
 QUANTITIES HAVE BEEN CARRIED TO THE TRAFFIC CONTROL GENERAL SUMMARY

FUNCTION	Ø1	Ø2	Ø3
INITIAL GREEN	3.0	3.0	5.0
MINIMUM GREEN	20.0	10.0	10.0
VEHICLE EXTENSION	3.0	2.0	3.0
MAXIMUM GREEN	40.0	20.0	25.0
PEDESTRIAN WALK	7.0	-	7.0
PEDESTRIAN CLEARANCE	10.0	-	13.0
VEHICLE YELLOW CLEARANCE	3.0	3.0	3.0
VEHICLE ALL RED CLEARANCE	-	1.0	1.0
RECALL	ON	OFF	OFF
MEMORY	OFF	OFF	OFF

SIGNAL TIMING CHART

SIGNAL HEAD	Ø1		Ø2		Ø3		FLASH	DWELL	
	R/W	CLEAR	R/W	CLEAR	R/W	CLEAR			
A	G	Y	R	R	R	R	R	Y	G
B	G	Y	R	G	Y	R	R	R	Y
C	G	Y	R	R	R	R	R	R	Y
D	G	Y	R	G	Y	R	R	R	Y
E	R	R	R	R	R	R	G	G	Y
F	R	R	R	R	R	R	G	G	Y
G	R	R	R	R	R	R	G	G	Y
H	R	R	R	R	R	R	G	G	Y
X-X	W	FDW	DW	DW	DW	DW	DW	DW	OUT
Y-Y	DW	DW	DW	DW	DW	DW	W	FDW	OUT
Z-Z	W	FDW	DW	DW	DW	DW	DW	DW	OUT

SIGNAL SEQUENCE CHART

