

SIGNAL DISPLAY CHART

SIGNAL HEAD	ø1			ø2			ø3			FLASH
	R/W	CLEAR		R/W	CLEAR		R/W	CLEAR		
A	R	R	R	R	R	R	G	G	Y	R
B	R	R	R	R	R	R	G	G	Y	R
C	R	R	R	R	R	R	G	G	Y	R
D	R	R	R	R	R	R	G	G	Y	R
E	R	R	R	G	G	Y	R	R	R	Y
F	R	R	R	G	G	Y	R	R	R	Y
G	G	G	G	G	G	Y	R	R	R	Y
H	G	G	G	G	G	Y	R	R	R	Y
X-X	D	D	D	W	FD	D	D	D	D	DARK
Y-Y	D	D	D	D	D	D	W	FD	D	DARK

LOOP DETECTOR CHART

LOOP #	SIZE	# TURNS	MODE	DELAY	AMP #	PHASE
L1	6' x 35'	2-4-2	PRESENCE	8	1	1
L2	6' x 16'	EXISTING	PRESENCE	0	2	2
L3	6' x 16'	EXISTING	PRESENCE	0	3	2
L4	6' x 35'	2-4-2	PRESENCE	0	4	3
L5	6' x 35'	2-4-2	PRESENCE	8	5	3
L6	6' x 30'	2-4-2	PRESENCE	0	6	3
L7	6' x 30'	2-4-2	PRESENCE	0	7	3
L8	6' x 30'	2-4-2	PRESENCE	8	8	3
L9	6' x 6'	3	PRESENCE	0	9	SYSTEMS
L10	6' x 6'	3	PRESENCE	0	10	SYSTEMS

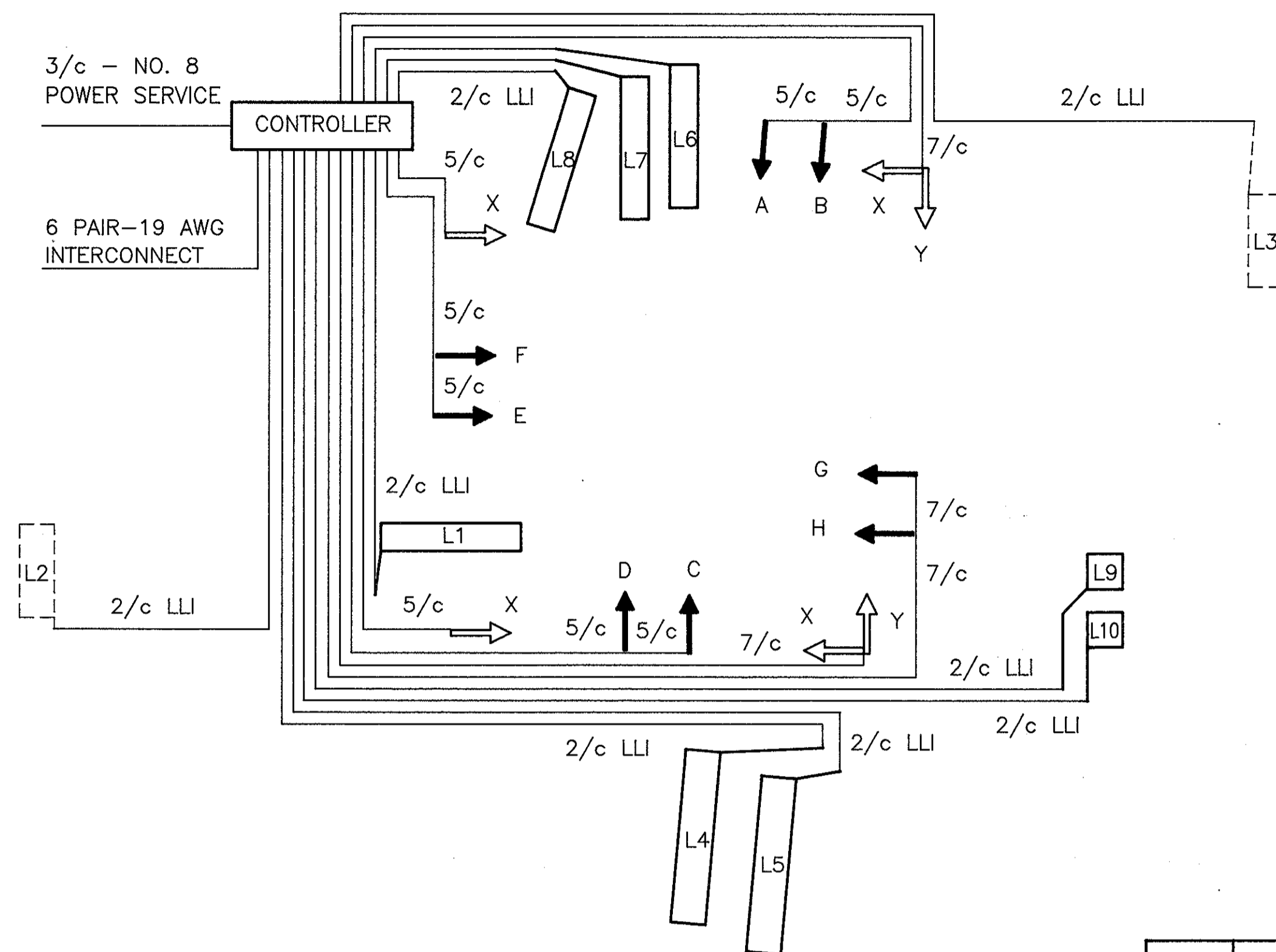
COORDINATION TIMING

	DIAL 1	DIAL 2	DIAL 3
CYCLE LENGTH	80 SEC	90 SEC	
PHASE 1 SPLIT	16 %	23 %	
PHASE 2 SPLIT	50 %	47 %	
PHASE 3 SPLIT	34 %	30 %	
PERMISSIVE	10 %	10 %	
OFFSET	0	0	
TIME OF DAY SCHEDULE	ALL OTHER TIMES	3:00PM TO 6:30PM MON-SAT	

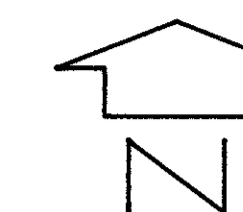
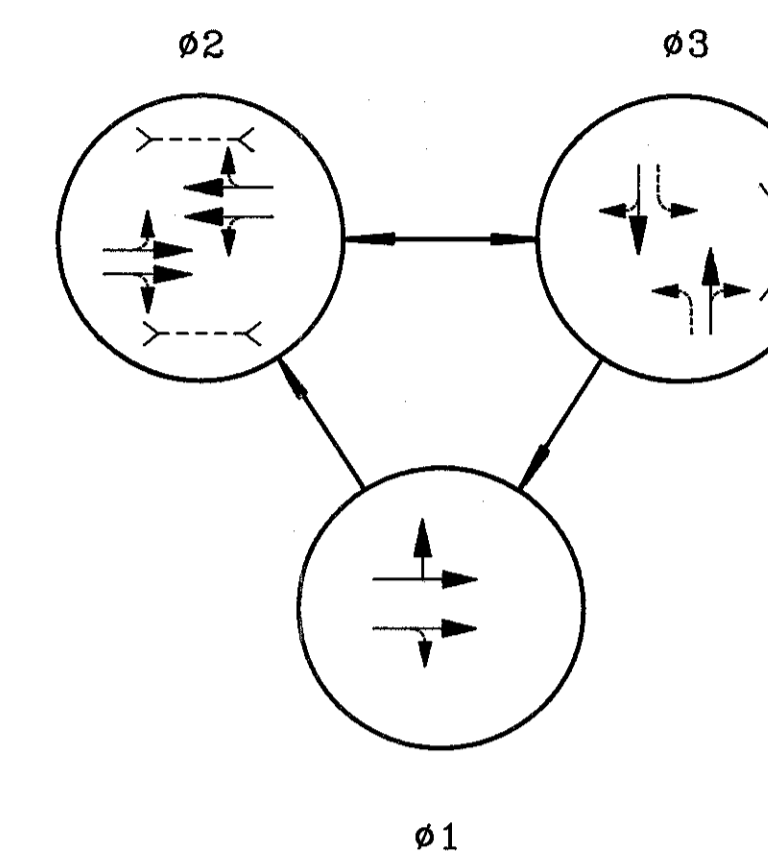
NOTES:

1. PHASE SPLITS SHALL INCLUDE ALL GREEN PLUS YELLOW & ALL RED
2. PERMISSIVES SHALL START AT THE ZERO POINT OF THE CYCLE
3. OFFSETS SHALL BE REFERENCED TO THE BEGINNING OF PHASE 2 YELLOW

WIRING DIAGRAM



PHASING DIAGRAM



ITEM	TOTAL	UNIT	DESCRIPTION
625	5	EACH	GROUND ROD
625	3	EACH	PULLBOX, 713.08, 18", AS PER PLAN
625	137	LIN FT	CONDUIT 2", 713.04
625	204	LIN FT	CONDUIT 3", 713.04
625	214	LIN FT	TRENCH IN PAVED AREAS, TYPE "B"
632	7	EACH	VEHICULAR SIGNAL HEAD, 3 SECT., 12" LENS, 1 WAY, AS PER PLAN
632	1	EACH	VEHICULAR SIGNAL HEAD, 5 SECT., 12" LENS, 1 WAY, AS PER PLAN
632	6	EACH	PEDESTRIAN SIGNAL HEAD, TYPE "D-2"
632	2	EACH	PEDESTRIAN PUSHBUTTON WITH R-73C-9 SIGN
632	7	EACH	LOOP DETECTOR UNIT, AS PER PLAN
632	3	EACH	LOOP DETECTOR UNIT, DELAY & EXTENSION TYPE, AS PER PLAN
632	811	LIN FT	LOOP DETECTOR PAVEMENT CUTTING
632	7.48	CU YD	CONCRETE FOR ANCHOR BASE FOUNDATIONS
632	1	EACH	SIGNAL SUPPORT, TYPE TC-81.20, DES. 2, 28' ARM
632	1	EACH	SIGNAL SUPPORT, TYPE TC-81.20, DES. 3, 32' ARM
632	1	EACH	SIGNAL SUPPORT, TYPE TC-81.20, DES. 3, 34' ARM
632	1	EACH	SIGNAL SUPPORT, TYPE TC-81.20, DES. 11, 41' ARM
632	2	EACH	CONDUIT RISER, 2" DIAMETER
632	431	LIN FT	MESSANGER WIRE, 7 STRAND, 1/4" DIAMETER, WITH ACCESSORIES
632	2	EACH	CABLE SUPPORT ASSEMBLY
632	624	LIN FT	SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG
632	545	LIN FT	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG
632	2210	LIN FT	LOOP DETECTOR WIRE, TYPE E
632	1220	LIN FT	LOOP DETECTOR LEAD-IN CABLE
632	56	LIN FT	POWER CABLE, 3 CONDUCTOR, NO. 8 AWG
632	1	EACH	POWER SERVICE
632	8	EACH	COVERING OF VEHICULAR SIGNAL HEADS
632	1	EACH	REMOVAL OF TRAFFIC SIGNAL INSTALLATION, AS PER PLAN
633	1	EACH	CONTROLLER, ACTUATED, 3 PHASE, SOLID-STATE DIGITAL, MICROPROCESSOR, AS PER PLAN
633	1	EACH	COORDINATOR, MULTI-DIAL, SOLID-STATE, DIGITAL, MICROPROCESSOR, SECONDARY
633	1	EACH	CONTROLLER, MASTER, SOLID-STATE, DIGITAL, MICROPROCESSOR, TRAFFIC RESPONSIVE, AS PER PLAN
SPECIAL	1	EACH	PHONE DROP