

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	R
B	R	R	R	R	G	G	R
C	G	G	Y	R	R	R	Y
D	G	G	Y	R	R	R	Y
E	G	G	Y	R	R	R	Y
F	G	G	Y	R	R	R	Y
X-X	W	FD	D	D	D	D	DARK
Y-Y	D	D	D	D	D	D	DARK

NOTES:
1. REMAINS "G" IF PHASE 3 IS NEXT.

LOOP DETECTOR CHART

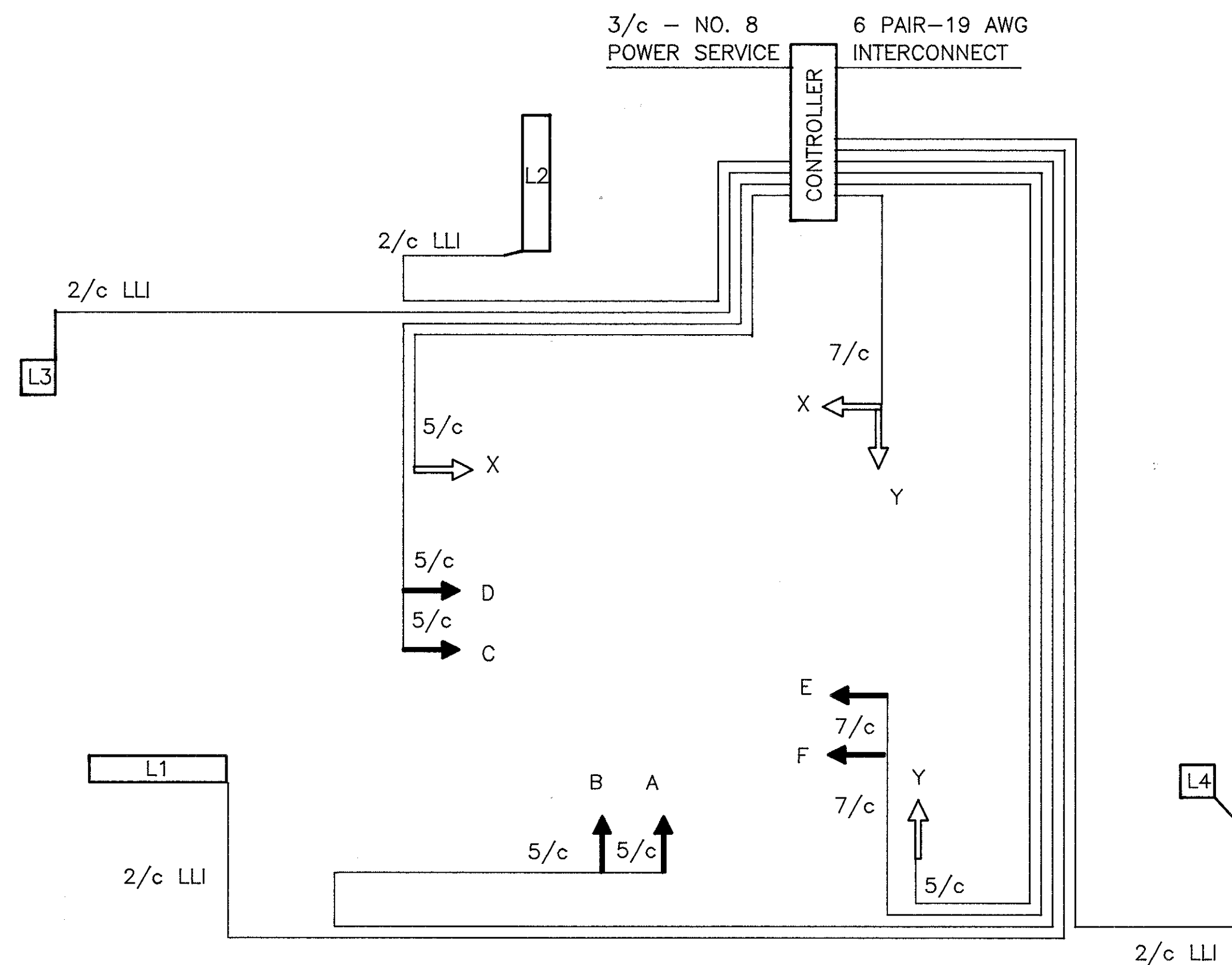
LOOP #	SIZE	# TURNS	MODE	DELAY	AMP #	PHASE
L1	6' x 25'	2-4-2	PRESENCE	0	1	2
L2	6' x 35'	2-4-2	PRESENCE	8	2	3
L3	6' x 6'	3	PRESENCE	0	3	SYSTEM
L4	6' x 6'	3	PRESENCE	0	4	SYSTEM

COORDINATION TIMING

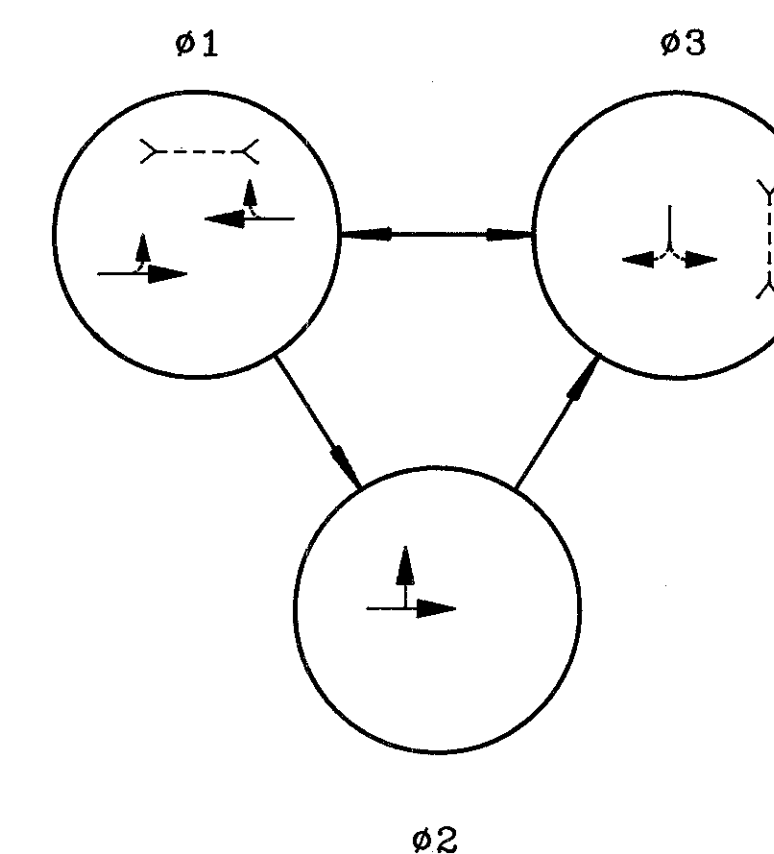
	DIAL 1	DIAL 2	DIAL 3
CYCLE LENGTH	80 SEC	100 SEC	120 SEC
PHASE 1 SPLIT	21 %	10 %	9 %
PHASE 2 SPLIT	53 %	69 %	67 %
PHASE 3 SPLIT	26 %	21 %	24 %
PERMISSIVE	10 %	10 %	10 %
OFFSET	84 %	19 %	69 %
TIME OF DAY SCHEDULE	ALL OTHER TIMES	6:30AM TO 8:30AM MON-SAT	3:00PM TO 6:30PM MON-SAT

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 1 YELLOW

WIRING DIAGRAM



PHASING DIAGRAM



SIGNAL TIMING

INTERVAL	ø1	ø2	ø3
INITIAL	21	7	10
PASSAGE	5.0	2.5	3.0
YELLOW	3.6	3.6	3.1
RED CLEAR	1.0	1.0	1.4
MAX I	22	8	16
MAX II	22	8	16
WALK	7	0	7
PED CLEAR	12	0	9
RECALL	PED	NONE	NONE
MEMORY	LOCK	OFF	LOCK

ITEM	TOTAL	UNIT	DESCRIPTION
625	5	EACH	GROUND ROD
625	6	EACH	PULLBOX 713.08, 18", AS PER PLAN
625	228	LIN FT	CONDUIT 2", 713.04
625	105	LIN FT	CONDUIT 3", 713.04
625	100	LIN FT	CONDUIT, JACKED OR DRILLED UNDER PAVEMENT, 2"
625	222	LIN FT	TRENCH
625	111	LIN FT	TRENCH IN PAVED AREAS, TYPE "B"
632	5	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	4	EACH	PEDESTRIAN SIGNAL HEAD, TYPE "D-2"
632	2	EACH	PEDESTRIAN PUSHBUTTON WITH R-73C-9 SIGN
632	3	EACH	LOOP DETECTOR UNIT, AS PER PLAN
632	1	EACH	LOOP DETECTOR UNIT, DELAY & EXTEND TYPE, AS PER PLAN
632	278	LIN FT	LOOP DETECTOR PAVEMENT CUTTING
632	4.44	CU YD	CONCRETE FOR ANCHOR BASE FOUNDATIONS
632	1	EACH	SIGNAL SUPPORT, TYPE TC-81.20, DES. 1, 19' ARM
632	1	EACH	SIGNAL SUPPORT, TYPE TC-81.20, DES. 2, 25' ARM
632	1	EACH	SIGNAL SUPPORT, TYPE TC-81.20, DES. 2, 29' ARM
632	1	EACH	PEDESTAL, 8', TRANSFORMER BASE
632	2	EACH	CONDUIT RISER, 2" DIAMETER
632	497	LIN FT	SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG
632	170	LIN FT	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG
632	822	LIN FT	LOOP DETECTOR WIRE, TYPE E
632	498	LIN FT	LOOP DETECTOR LEAD-IN CABLE
632	25	LIN FT	POWER CABLE, 3 CONDUCTOR, NO. 8 AWG
632	1	EACH	POWER SERVICE
632	6	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	0.99	CU YD	CONCRETE FOR cabinet FOUNDATION
633	8.33	SQ FT	CONTROLLER WORK PAD