

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	R	R	R
C	G	Y	R	R	R	R	R
D	G	Y	R	R	R	R	R
E	R	R	R	R	R	R	R
F	R	R	R	R	R	R	R
G	R	R	R	R	R	R	R
H	R	R	R	R	R	R	R
X-X	D	D	D	D	D	D	DARK
Y-Y	D	D	D	D	D	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 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

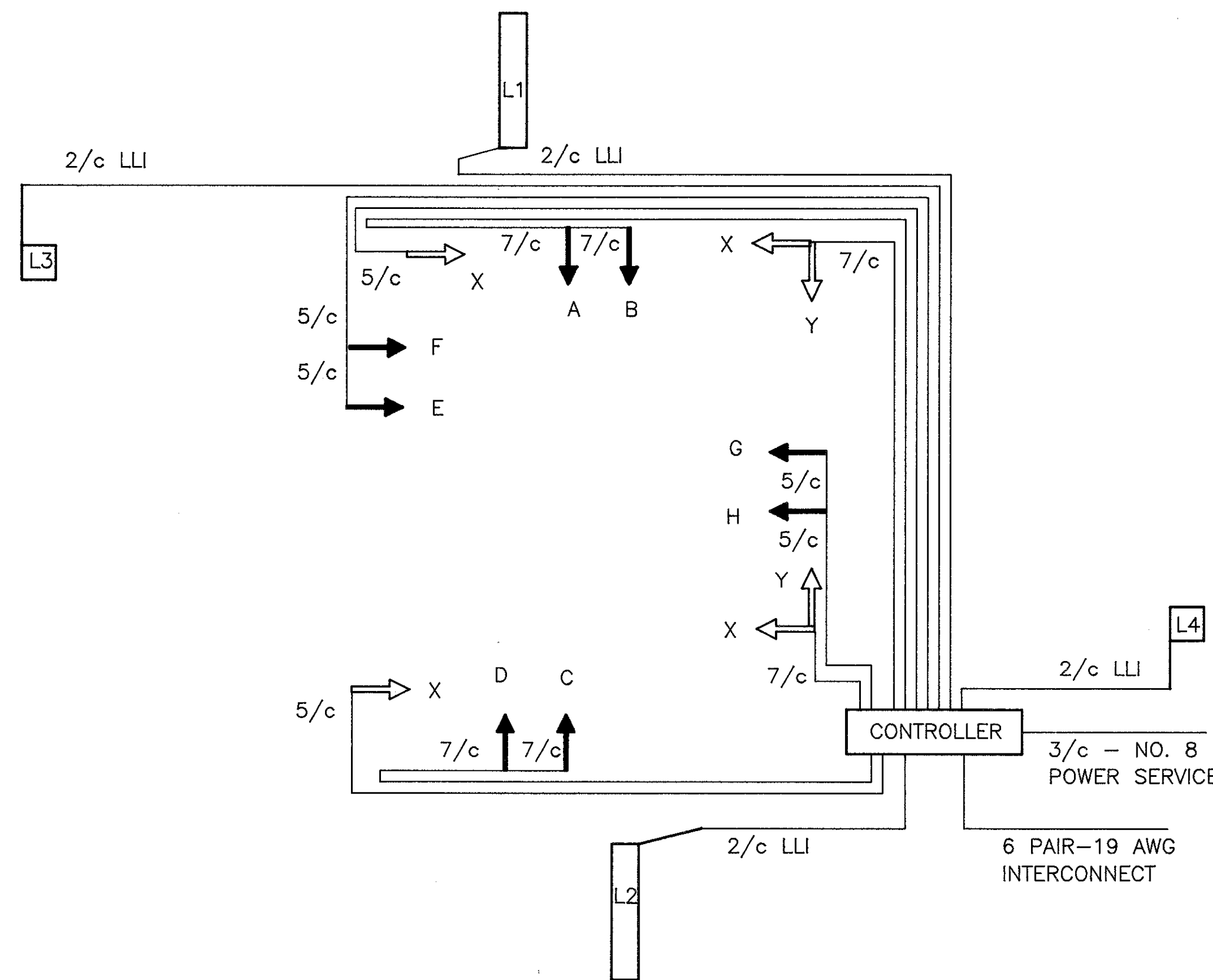
COORDINATION TIMING

	DIAL 1	DIAL 2	DIAL 3
CYCLE LENGTH	80 SEC	100 SEC	120 SEC
PHASE 1 SPLIT	38 %	30 %	25 %
PHASE 2 SPLIT	35 %	48 %	57 %
PHASE 3 SPLIT	27 %	22 %	18 %
PERMISSIVE	10 %	10 %	10 %
OFFSET	47 %	61 %	32 %
TIME OF DAY SCHEDULE	ALL OTHER TIMES	6:30AM TO 8:30AM MON-SAT	3:00PM TO 6:30PM MON-SAT

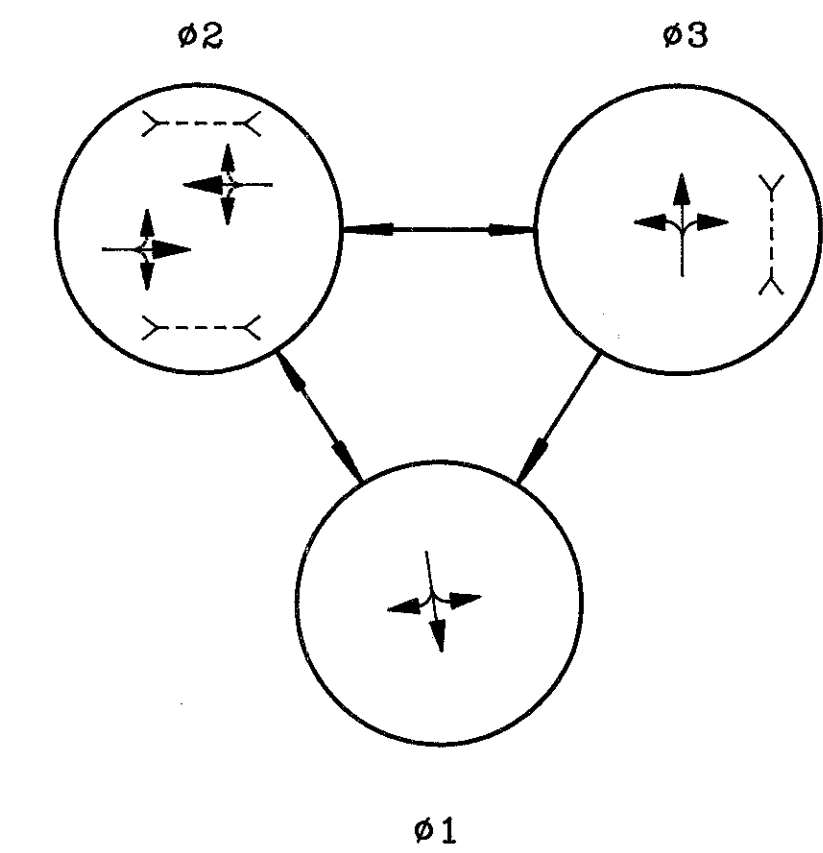
NOTES:

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 2 YELLOW

WIRING DIAGRAM



PHASING DIAGRAM



SIGNAL TIMING

INTERVAL	ø1	ø2	ø3
INITIAL	10	25	10
PASSAGE	3.0	5.0	3.0
YELLOW	3.1	3.6	3.1
RED CLEAR	1.4	1.0	1.4
MAX I	8	19	17
MAX II	8	19	17
WALK	0	7	7
PED CLEAR	0	10	10
RECALL	NONE	PED	NONE
MEMORY	LOCK	LOCK	LOCK

ITEM	TOTAL	UNIT	DESCRIPTION
625	5	EACH	GROUND ROD
625	7	EACH	PULLBOX 713.08, 18", AS PER PLAN
625	213	LIN FT	CONDUIT 2", 713.04
625	229	LIN FT	CONDUIT 3", 713.04
625	49	LIN FT	CONDUIT, JACKED OR DRILLED UNDER PAVEMENT, 2"
625	158	LIN FT	TRENCH
625	192	LIN FT	TRENCH IN PAVED AREAS, TYPE "B"
632	6	EACH	VEHICULAR SIGNAL HEAD, 3 SECT., 12" LENS, 1 WAY, AS PER PLAN
632	2	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	2	EACH	LOOP DETECTOR UNIT, AS PER PLAN
632	2	EACH	LOOP DETECTOR UNIT, DELAY & EXTENSION TYPE, AS PER PLAN
632	304	LIN FT	LOOP DETECTOR PAVEMENT CUTTING
632	5.92	CU YD	CONCRETE FOR ANCHOR BASE FOUNDATIONS
632	1	EACH	SIGNAL SUPPORT, TYPE TC-81.20, DES. 1, 22' ARM
632	1	EACH	SIGNAL SUPPORT, TYPE TC-81.20, DES. 2, 27' ARM
632	1	EACH	SIGNAL SUPPORT, TYPE TC-81.20, DES. 2, 29' ARM
632	1	EACH	SIGNAL SUPPORT, TYPE TC-81.20, DES. 2, 30' ARM
632	2	EACH	CONDUIT RISER, 2" DIAMETER
632	526	LIN FT	SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG
632	446	LIN FT	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG
632	878	LIN FT	LOOP DETECTOR WIRE, TYPE E
632	474	LIN FT	LOOP DETECTOR LEAD-IN CABLE
632	113	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	0.99	CU YD	CONCRETE FOR Cabinet FOUNDATION
633	8.33	SQ FT	CONTROLLER WORK PAD