

### SIGNAL DISPLAY CHART

SIGNAL HEAD	ø1		ø2		ø3		ø4		FLASH		
	R/W	CLEAR	R/W	CLEAR	R/W	CLEAR	R/W	CLEAR			
A	R	R	R	R	R	R	R	R	R		
B	R	R	R	R	R	R	R	R	R		
C	R	R	R	R	R	R	R	R	R		
D	R	R	R	R	R	R	R	R	R		
E	R	R	R	R	R	R	R	R	R		
F	R	R	R	R	R	R	R	R	R		
G	G	G	G	G	Y	R	R	R	Y		
H	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	W	FD	D	D	DARK	
Z-Z	D	D	D	D	D	D	W	FD	D	D	DARK

### LOOP DETECTOR CHART

LOOP #	SIZE	# TURNS	MODE	DELAY	AMP #	PHASE
L1	6' x 25'	2-4-2	PRESENCE	0	1	1
L2	6' x 30'	2-4-2	PRESENCE	8	2	3
L3	6' x 30'	2-4-2	PRESENCE	8	3	4

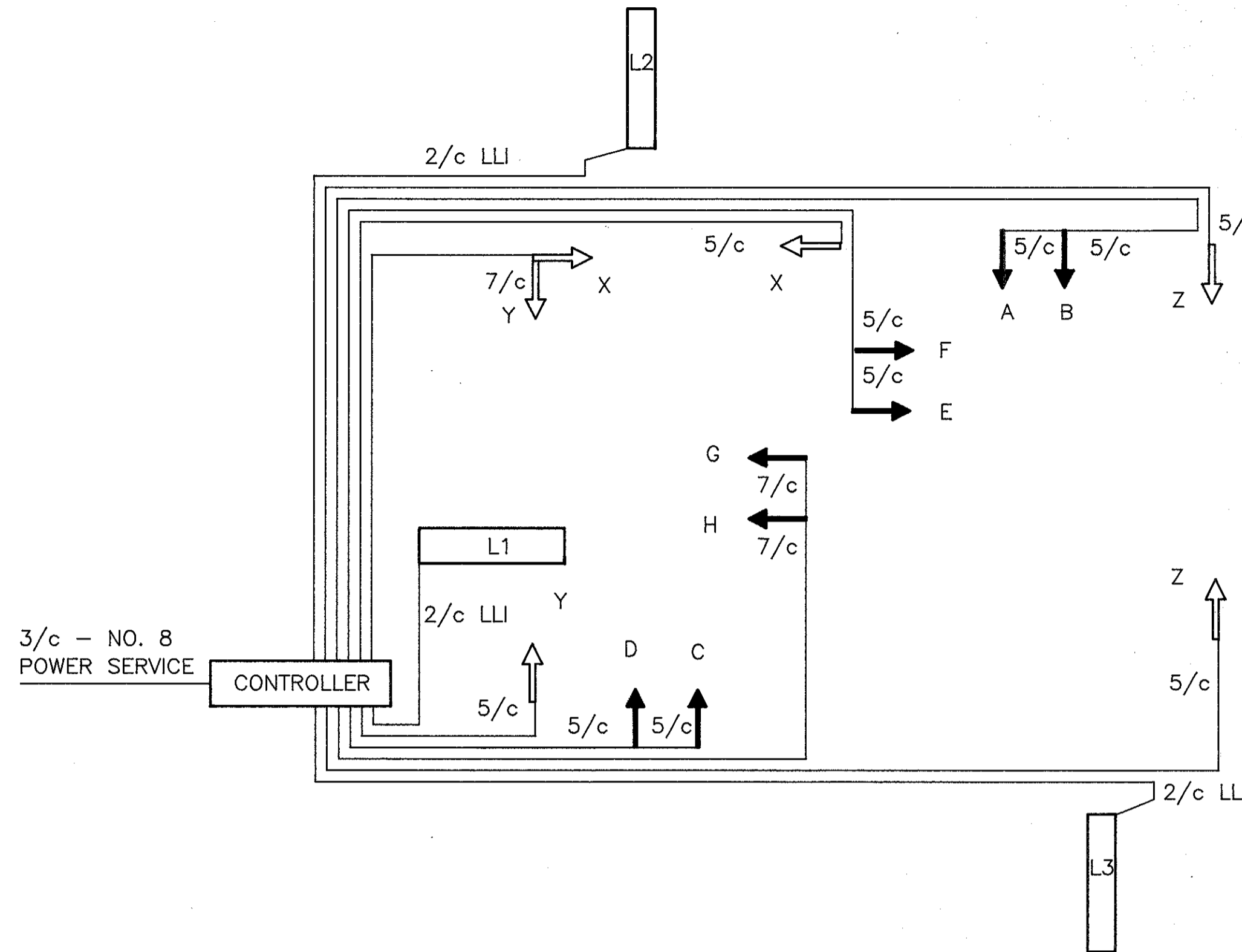
### COORDINATION TIMING

	DIAL 1	DIAL 2	DIAL 3
CYCLE LENGTH	80 SEC	95 SEC	110 SEC
PHASE 1 SPLIT	18 %	15 %	13 %
PHASE 2 SPLIT	50 %	50 %	57 %
PHASE 3 SPLIT	32 %	35 %	30 %
PHASE 4 SPLIT	32 %	35 %	30 %
PERMISSIVE	10 %	10 %	10 %
OFFSET	0	0	0
TIME OF DAY SCHEDULE	ALL OTHER TIMES	6:30AM TO 9:00AM MON-SAT	3:30PM TO 6:30PM MON-SAT

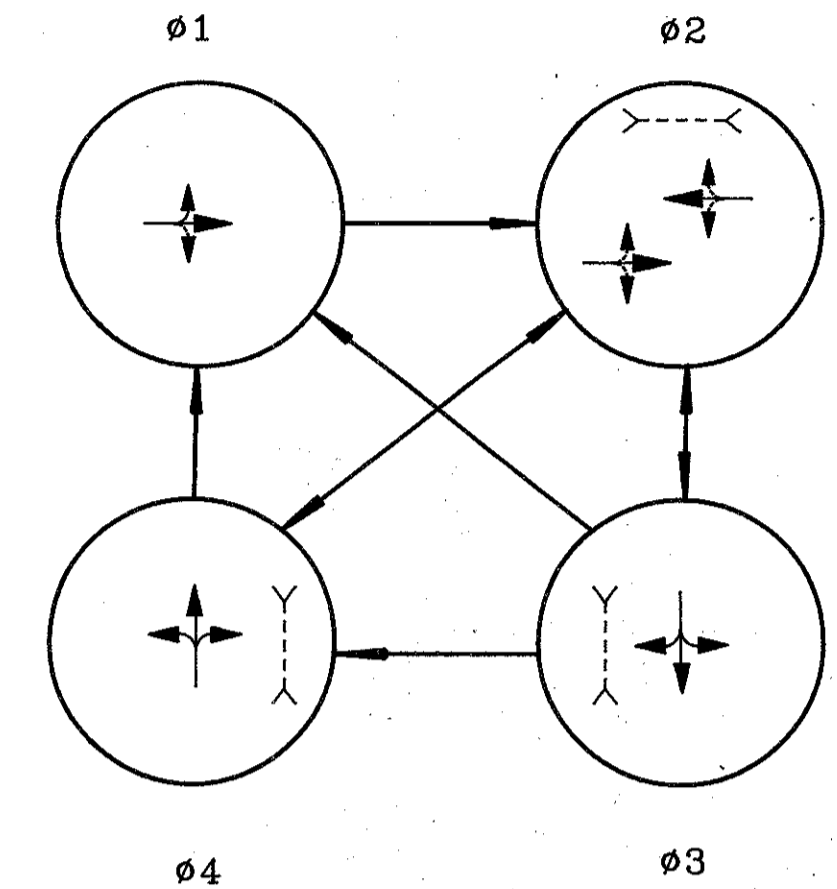
NOTES:

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



\*Quantities carried to sheet 46

### SIGNAL TIMING

INTERVAL	ø1	ø2	ø3	ø4
INITIAL	7	25	19	10
YELLOW	3.1	3.6	3.6	3.6
RED CLEAR	1.0	2.0	2.0	2.0
MAX I	8	33	16	14
MAX II	8	35	16	14
WALK	0	7	7	7
PED CLEAR	0	12	8	8
RECALL	NONE	PED	NONE	NONE

ITEM	TOTAL	UNIT	DESCRIPTION
202	64	SQ FT	WALK REMOVED *
202	19	LIN FT	CURB REMOVED *
608	66	SQ FT	CURB RAMP, TYPE 2 *
625	7	EACH	GROUND ROD
625	7	EACH	PULLBOX 713.08, 18", AS PER PLAN
625	122	LIN FT	CONDUIT 2", 713.04
625	231	LIN FT	CONDUIT 3", 713.04
625	26	LIN FT	CONDUIT, JACKED OR DRILLED UNDER PAVEMENT, 2"
625	61	LIN FT	TRENCH
625	292	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	4	EACH	PEDESTRIAN PUSHBUTTON WITH R-73C-9 SIGN
632	1	EACH	LOOP DETECTOR UNIT, AS PER PLAN
632	2	EACH	LOOP DETECTOR UNIT, DELAY & EXTENSION TYPE, AS PER PLAN
632	310	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, 16' ARM
632	1	EACH	SIGNAL SUPPORT, TYPE TC-81.20, DES. 1, 22' ARM
632	1	EACH	SIGNAL SUPPORT, TYPE TC-81.20, DES. 1, 24' ARM
632	1	EACH	SIGNAL SUPPORT, TYPE TC-81.20, DES. 2, 28' ARM
632	1049	LIN FT	SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG
632	221	LIN FT	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG
632	836	LIN FT	LOOP DETECTOR WIRE, TYPE E
632	261	LIN FT	LOOP DETECTOR LEAD-IN CABLE
632	60	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, 4 PHASE, SOLID-STATE DIGITAL MICROPROCESSOR, WITH MODEM, AS PER PLAN
633	1	EACH	COORDINATOR, MULTI-DIAL, SOLID-STATE, DIGITAL, MICROPROCESSOR, SECONDARY
633	1.85	CU YD	CONCRETE FOR Cabinet FOUNDATION
633	10.42	SQ FT	CONTROLLER WORK PAD
SPECIAL	1	EACH	PHONE DROP