

SIGNAL DISPLAY CHART

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

LOOP DETECTOR CHART

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

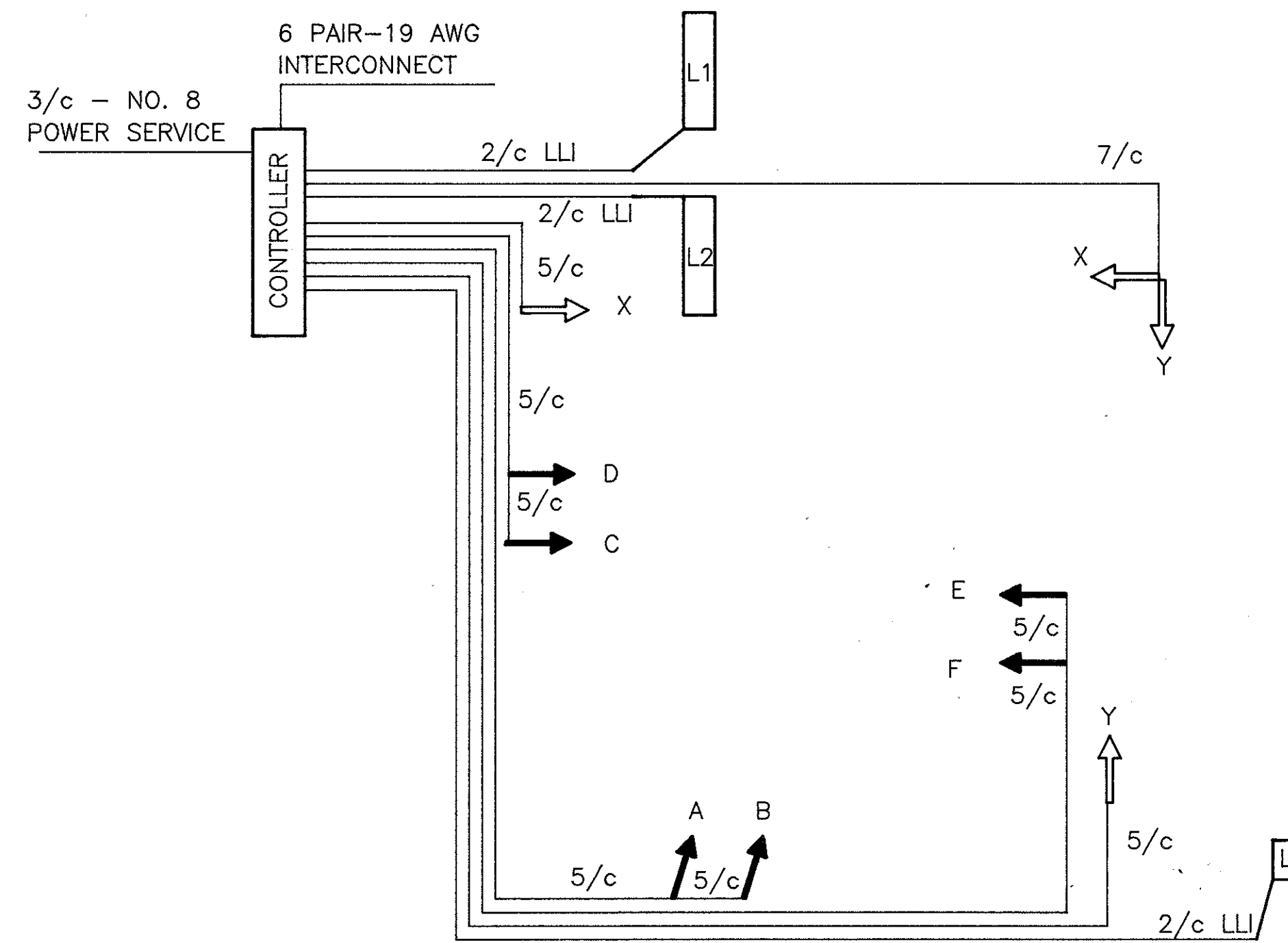
COORDINATION TIMING

	DIAL 1	DIAL 2	DIAL 3
CYCLE LENGTH	80 SEC	100 SEC	120 SEC
PHASE 1 SPLIT	70 %	76 %	80 %
PHASE 2 SPLIT	30 %	24 %	20 %
PERMISSIVE	15 %	15 %	15 %
OFFSET	0	0	0
TIME OF DAY SCHEDULE	ALL OTHER TIMES	6:30AM TO 8:30AM MON-SAT	3:00PM TO 6:30PM MON-SAT

NOTES:

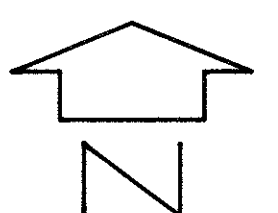
1. PHASE SPLITS SHALL INCLUDE ALL GREEN PLUS YELLOW & ALL RED
2. PERMISSIVES SHALL START AT THE ZERO POINT OF THE CYCLE
3. OFFSETS SHALL BE REFERENCED TO THE BEGINNING OF PHASE 1 YELLOW

WIRING DIAGRAM

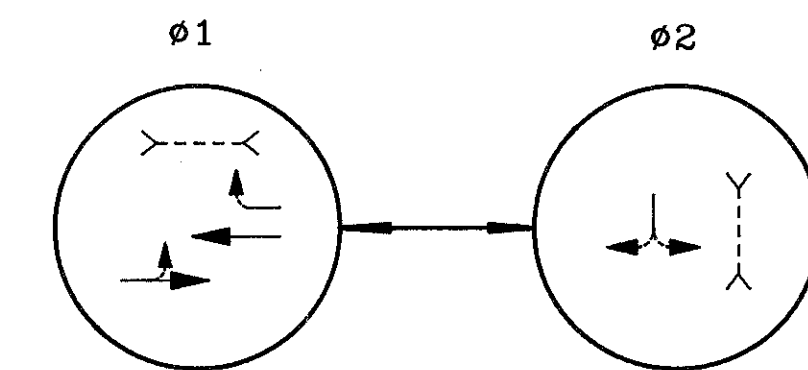


CALC. BY:	LAK-20/84-0.39/1.24	OHIO
DATE:		FHWA REGION 5
CHKD. BY:		FEDERAL PROJECT
DATE:		

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PHASING DIAGRAM



*Quantities carried to sheet 46

ITEM	TOTAL	UNIT	DESCRIPTION
202	60	SQ FT	WALK REMOVED *
202	24	LIN FT	CURB REMOVED *
608	63	SQ FT	CURB RAMP, TYPE 2 *
625	5	EACH	GROUND ROD
625	6	EACH	PULLBOX, 713.08, 18", AS PER PLAN
625	253	LIN FT	CONDUIT 2", 713.04
625	117	LIN FT	CONDUIT 3", 713.04
625	43	LIN FT	CONDUIT, JACKED OR DRILLED UNDER PAVEMENT, 2"
625	246	LIN FT	TRENCH
625	84	LIN FT	TRENCH IN PAVED AREAS, TYPE "B"
632	6	EACH	VEHICULAR SIGNAL HEAD, 3 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	1	EACH	LOOP DETECTOR UNIT, AS PER PLAN
632	2	EACH	LOOP DETECTOR UNIT, DELAY & EXTENSION TYPE, AS PER PLAN
632	250	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, 17' ARM
632	1	EACH	SIGNAL SUPPORT, TYPE TC-81.20, DES. 1, 22' ARM
632	1	EACH	SIGNAL SUPPORT, TYPE TC-81.20, DES. 2, 26' ARM
632	2	EACH	PEDESTAL, 8", TRANSFORMER BASE
632	1	EACH	CONDUIT RISER, 2" DIAMETER
632	738	LIN FT	SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG
632	81	LIN FT	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG
632	675	LIN FT	LOOP DETECTOR WIRE, TYPE E
632	36	LIN FT	LOOP DETECTOR LEAD-IN CABLE
632	53	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, 2 PHASE, SOLID-STATE DIGITAL MICROPROCESSOR, AS PER PLAN
633	1	EACH	COORDINATOR, MULTI-DIAL, SOLID-STATE, DIGITAL, MICROPROCESSOR, SECONDARY
633	1.85	CU YD	CONCRETE FOR Cabinet FOUNDATION
633	1	EACH	CONTROLLER, MASTER, SOLID-STATE, DIGITAL, MICROPROCESSOR, TRAFFIC RESPONSIVE, AS PER PLAN
SPECIAL	1	EACH	PHONE DROP