

GENERAL NOTES

- DETECTOR LOOPS SHALL BE INSTALLED IN THE PRESENCE OF THE TRAFFIC ENGINEER OR HIS REPRESENTATIVE.
- ALL SIGNING, STRIPING AND PAVEMENT MARKING REQUIREMENTS SHALL BE COMPLETED AT LEAST ONE DAY PRIOR TO TURN-ON.
- TYPICAL DETECTOR LOOP SPACING: 10' AND 15'.
- SEE PLAN R-3296 FOR STREET IMPROVEMENTS.
- PAVEMENT DELINEATION SHOWN HEREON IS FOR REFERENCE ONLY. CITY FORCES SHALL PERFORM ALL PERMANENT PAINTING (INSTALLATION AND REMOVALS) WORK.
- LAWN SPRINKLERS EXIST IN THE PARKWAY AND BEHIND THE SIDEWALK; SEE SPECIAL PROVISIONS.

CONSTRUCTION NOTES

- INSTALL MODEL 170 CONTROLLER UNIT AND 332 CABINET (SEE SPECIAL PROVISIONS).
 - REMOVE A SINGLE SET OF "STOP AHEAD" PAVEMENT MARKINGS.
- AF ABANDONED FOUNDATION TO BE COMPLETELY REMOVED.
- 666 INSTALL SIGN PER STANDARD DRAWING NO. 666.

POLE		SCHEDULE									
No.	TYPE	HGT.	SIG. M.A.	LUM. M.A.	LUM. HPSV	I.S.N.S. LEGEND	SIGNAL HEAD	VEHICLE	PED.	AUDIBLE	PPB PHASE
(A)	24-4-80	30'	35'	12'	250w	LINCOLN AVE 2800	1W3C	MAS			6
							1W3C	MAS			
							1W3C	SV-1-T	SP-1-T	((●))	
(B)	1-A	10'					1W3C	TV-1-T	SP-1-T	((●))	8
(C)	24-4-80	30'	35'	12'	250w	MARY ST 2800	1W3C	MAS			8
							1W3C	MAS			
							1W3C	SV-1-T	SP-1-T	((●))	
(D)	1-A	10'					1W3C	TV-1-T	SP-1-T	((●))	2
(E)	24-4-80	30'	35'	12'	250w	LINCOLN AVE 2800	1W3C	MAS			2
							1W3C	MAS			
							1W3C	SV-1-T	SP-1-T	((●))	
(F)	1-A	10'					1W3C	TV-1-T	SP-1-T	((●))	4
(G)	24-4-80	30'	35'	12'	250w	MARY ST 2800	1W3C	MAS			4
							1W3C	MAS			
							1W3C	SV-1-T	SP-1-T	((●))	
(H)	1-A	10'					1W3C	TV-1-T	SP-1-T	((●))	6

- NOTE:**
- ALL VEHICULAR HEADS SHALL HAVE 12" LENSES; LEFT TURN INDICATIONS SHALL BE ALL ARROWS.
 - LUMINAIRES SHALL BE HIGH PRESSURE SODIUM VAPOR.
 - PEDESTRIAN PUSH BUTTONS SHALL BE INSTALLED ON POLE QUADRANT AS SHOWN.
 - TYPE 1-A STANDARDS SHALL BE ALUMINUM.
 - ((●)) - INDICATES AUDITORY PEDESTRIAN SIGNAL TO BE INSTALLED (SEE SPECIAL PROVISIONS).

PAVEMENT DELINEATION

Indicates striping and pavement markings to be installed.

Indicates striping and pavement markings to remain.

Indicates striping and pavement markings to be removed.

CONDUCTOR TABLE

CONTROL FUNCTION	CONDUCTORS		CONDUIT RUNS								
	I.M.S.A. SIZE	INSULATION	1	2	3	4	5	6	7	8	9
VEHICLE & PEDESTRIAN HEADS, PEDESTRIAN PUSH BUTTONS, SPARES & COMMONS	12	P.E.	1	1	2	4	4	2	1	1	-
	9		-	1	1	4	4	2	2	1	1
	5		-	-	-	-	-	-	-	-	-
	3		1	2	3	8	8	4	3	2	1
DETECTOR CABLE	#16/2	P.E.	-	-	-	-	-	-	-	-	-
PHASE 1			-	1	1	1	1	-	-	-	-
PHASE 2			-	-	-	3	3	3	3	-	-
PHASE 3			-	-	-	1	1	-	-	-	-
PHASE 4			-	-	-	2	2	2	2	-	-
PHASE 5			-	-	-	1	1	1	1	2	-
PHASE 6			-	2	2	2	2	-	-	-	-
PHASE 7			-	-	-	1	1	1	1	1	1
PHASE 8			-	-	-	2	2	-	-	-	-
TOTALS	#16/2	P.E.	-	3	3	13	13	7	7	3	3
INTERCONNECT CABLE	#19	P.E.	-	-	-	-	-	-	-	-	-
I.S.N.S.	#12	T.W.	2	2	2	-	-	2	2	2	-
LUMINAIRES	#8	T.H.W.	2	2	2	-	-	2	2	2	-
SIGNAL SERVICE	#6	T.W.	-	-	2	2	2	2	2	2	-
CONDUIT SIZE			2"	2.5"	3"	2.5"	2-3.5"	3.5"	3"	2.5"	2"

DETECTOR SCHEDULE

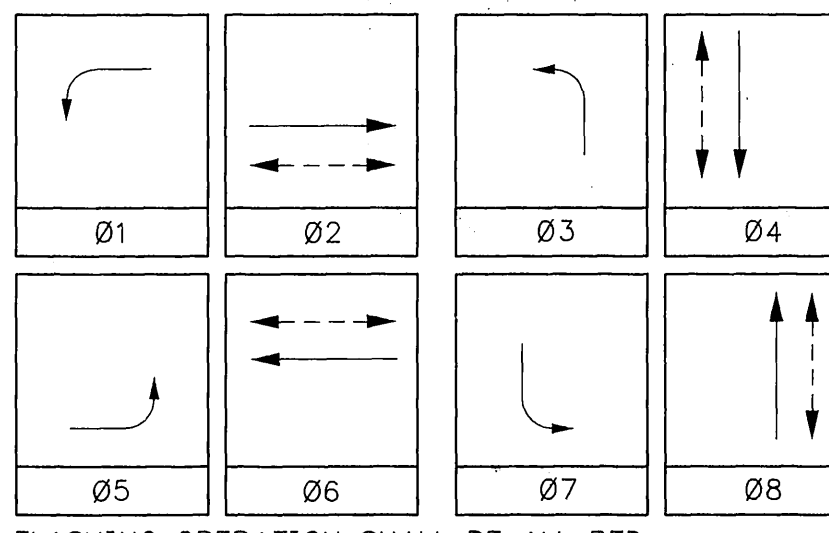
CHANNELS	LOOP DESIGNATION	NUMBER OF LOOPS	FEATURES
1	111U	3	
2	212U	2	
3	214U	2	*
4	212L	2	▲
5	315U	3	
6	416U	2	
7	418U	4	*
8	511U	3	
9	612U	1	
10	614U	4	*
11	715U	3	
12	816U	2	
13	818U	4	*

* Detector disconnect (see Special Provisions)

▲ Delay

NOTE: Detectors shall be 2-channel rack-mounted.

PHASE DIAGRAM



FLASHING OPERATION SHALL BE ALL RED.



ENGINEER IN RESPONSIBLE CHARGE
 Richard D. McGrath
 RICHARD D. McGRATH
 R.C.E. No. 31952 expires 12-31-96
 DATE 6/21/93

CITY OF RIVERSIDE, CALIFORNIA
 DEPARTMENT OF PUBLIC WORKS

APPROVED BY: [Signature]
 PRINCIPAL ENGINEER
 P.W. INSPECTION: [Signature]
 TRAFFIC DIVISION
 CHIEF P.W. ENGR.
 PUBLIC UTILITIES

DATE 6/21/93

CONTRACTOR LICENSE REQUIREMENT: "A" OR "C-10"
 FEDERAL AID PROJECT NO. STPLG-5058(3)

TRAFFIC SIGNALS
LINCOLN AVENUE AND MARY STREET
 HORIZ. SCALE: 1" = 20'

ACCT. NO. 430-541600-440303-35025
X-369
 SHEET 1 OF 1
 FILE NO.

