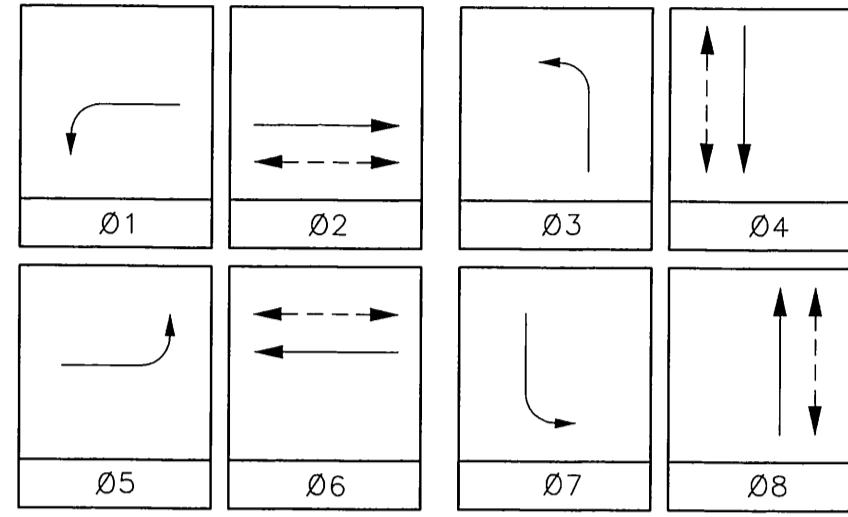


SENSOR SCHEDULE				
UNIT	CHANNEL	LOOP DESIGNATION	NO. OF LOOPS	FEATURES
1	1	212U	1	
	2	6J2U	3	
2	1	416U	2	
	2	8J6U	3	
3	1	5J1U	3	
	2	5J1L	1	
4	1	212L	4	
	2	213U	2	
5	1	111U	3	
	2	111L	1	
6	1	6J2L	4	
	2	6J3U	2	
7	1	7J5U	3	
	2	7J5L	1	
8	1	416L	4	
	2	8J7U	2	
9	1	315U	3	
	2	315L	1	
10	1	8J6L	4	
	2	8J7U	2	

PAVEMENT DELINEATION

- INDICATES STRIPING AND PAVEMENT MARKINGS TO BE INSTALLED OR REPAINTED.
- INDICATES STRIPING AND PAVEMENT MARKINGS TO REMAIN.
- - - - INDICATES STRIPING AND PAVEMENT MARKINGS TO BE REMOVED.

PHASE DIAGRAM

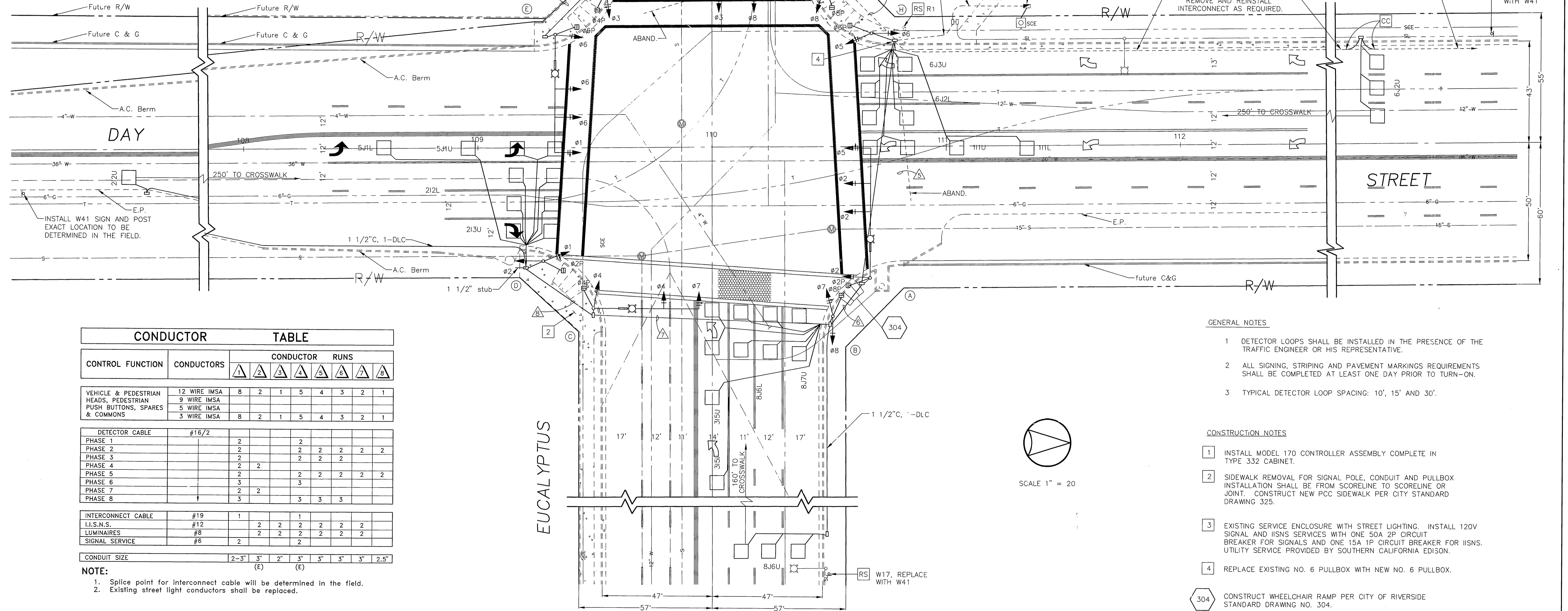


FLASHING OPERATION SHALL BE ALL RED.

POLE SCHEDULE									
STANDARD			LUMINAIRE	ST. NAME SIGN	SIGNAL MOUNTING		PED. PUSH BTN		REMARKS
NO.	DESCRIPTION	SIG MA	LUM MA	LEGEND	VEHICLE	PED.	PHASE	QUAD	ARROW
(A)	29-5-80	55'	15'	250W HPSV	Eucalyptus Ave.	SV-1-T	3 MAS	SP-1-T	8P S
(B)	1A (10')	-	-	-	TV-2-T	-	SP-1-T	2P W	-
(C)	26-4-80	45'	15'	250W HPSV	Day St.	SV-1-T	2 MAS	SP-1-T	2P W
(D)	1A (10')	-	-	-	TV-2-T	-	SP-1-T	4P N	-
(E)	29-5-80	50'	15'	250W HPSV	Eucalyptus Ave.	SV-1-T	3 MAS	SP-1-T	4P N
(F)	1A (10')	-	-	-	TV-2-T	-	SP-1-T	6P E	-
(G)	26-4-80(E)	45'	15'(E)	250W HPSV(E)	Day St.	SV-1-T	2 MAS	SP-1-T	6P E
(H)	1A (10')	-	-	-	TV-2-T	-	SP-1-T	8P S	-

- INSTALL ALL NEW EQUIPMENT EXCEPT AS NOTED. (E)=EXISTING
- 26-4-80 POLE AND LUMINAIRE WILL BE CITY FURNISHED. CONTRACTOR TO FURNISH 45' MAST ARM AND ANCHOR BOLTS.

DETECTORS SHALL BE 2-CHANNEL RACK MOUNTED



CONDUCTOR		TABLE							
CONTROL FUNCTION	CONDUCTORS	CONDUCTOR RUNS							
		1	2	3	4	5	6	7	8
VEHICLE & PEDESTRIAN HEADS, PEDESTRIAN PUSH BUTTONS, SPARES & COMMONS	12 WIRE IMSA	8	2	1	5	4	3	2	1
	9 WIRE IMSA								
	5 WIRE IMSA								
	3 WIRE IMSA	8	2	1	5	4	3	2	1
DETECTOR CABLE	#16/2								
PHASE 1		2			2				
PHASE 2		2			2	2	2	2	2
PHASE 3		2			2	2	2	2	2
PHASE 4		2	2						
PHASE 5		2			2	2	2	2	2
PHASE 6		3			3				
PHASE 7		2	2						
PHASE 8		3			3	3	3		
INTERCONNECT CABLE	#19	1			1				
I.I.S.N.S.	#12		2	2	2	2	2	2	2
LUMINAIRES	#8		2	2	2	2	2	2	2
SIGNAL SERVICE	#6	2			2				
CONDUIT SIZE		2-3"	3"	2"	3"	3"	3"	3"	2.5"
		(E)	(E)		(E)				

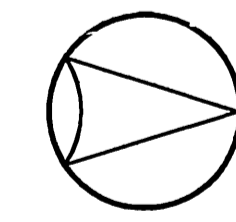
- NOTE:
- Splice point for interconnect cable will be determined in the field.
 - Existing street light conductors shall be replaced.

GENERAL NOTES

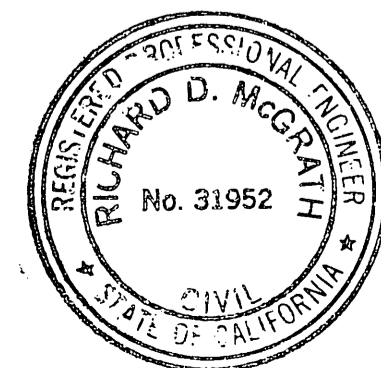
- DETECTOR LOOPS SHALL BE INSTALLED IN THE PRESENCE OF THE TRAFFIC ENGINEER OR HIS REPRESENTATIVE.
- ALL SIGNING, STRIPING AND PAVEMENT MARKINGS REQUIREMENTS SHALL BE COMPLETED AT LEAST ONE DAY PRIOR TO TURN-ON.
- TYPICAL DETECTOR LOOP SPACING: 10', 15' AND 30'.

CONSTRUCTION NOTES

- INSTALL MODEL 170 CONTROLLER ASSEMBLY COMPLETE IN TYPE 332 CABINET.
 - SIDEWALK REMOVAL FOR SIGNAL POLE, CONDUIT AND PULLBOX INSTALLATION SHALL BE FROM SCORELINE TO SCORELINE OR JOINT. CONSTRUCT NEW PCC SIDEWALK PER CITY STANDARD DRAWING 325.
 - EXISTING SERVICE ENCLOSURE WITH STREET LIGHTING. INSTALL 120V SIGNAL AND ISNS SERVICES WITH ONE 50A 2P CIRCUIT BREAKER FOR SIGNALS AND ONE 15A 1P CIRCUIT BREAKER FOR ISNS. UTILITY SERVICE PROVIDED BY SOUTHERN CALIFORNIA EDISON.
 - REPLACE EXISTING NO. 6 PULLBOX WITH NEW NO. 6 PULLBOX.
- 304 CONSTRUCT WHEELCHAIR RAMP PER CITY OF RIVERSIDE STANDARD DRAWING NO. 304.



SCALE 1" = 20'



ENGINEER IN RESPONSIBLE CHARGE
 Richard D. McGrath
 RICHARD D. MCGRATH
 R.C.E. NO. 31952 EXPIRES 12-31-96
 DATE: 2-18-99

CITY OF MORENO VALLEY
 PLANS REVIEWED BY:
 Barry D. McCalla
 DATE: 8-18-99
 CITY ENGINEER R.C.E. NO. 29459 EXPIRES 3-31-95

MARK REVISIONS APPR. DATE
 DESIGNED BY: JRB DRAWN BY: MAC CHECKED BY: JRB

CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT
 APPROVED BY: DATE: 8/19/99 BY: [Signature]
 PRINCIPAL ENGINEER: [Signature]
 TRAFFIC DIVISION: [Signature]
 CHIEF P.W. ENGINEER: [Signature]
 INSPECTION: [Signature]

TRAFFIC SIGNAL INSTALLATION PLAN
 DAY STREET AND EUCALYPTUS AVENUE
 HORIZ. SCALE: 1" = 20'

ACCOUNT NO. 0450-570200-455023
 X-360
 SHEET 1 OF 1

Contract TE-94-1