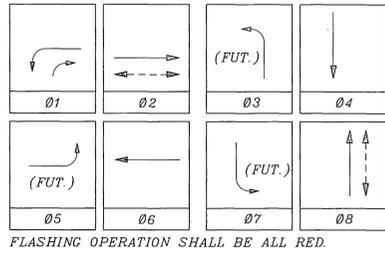
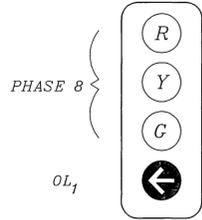


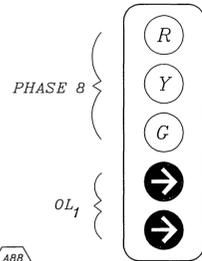
PHASE DIAGRAM



FLASHING OPERATION SHALL BE ALL RED.



DETAIL "A"
NO SCALE

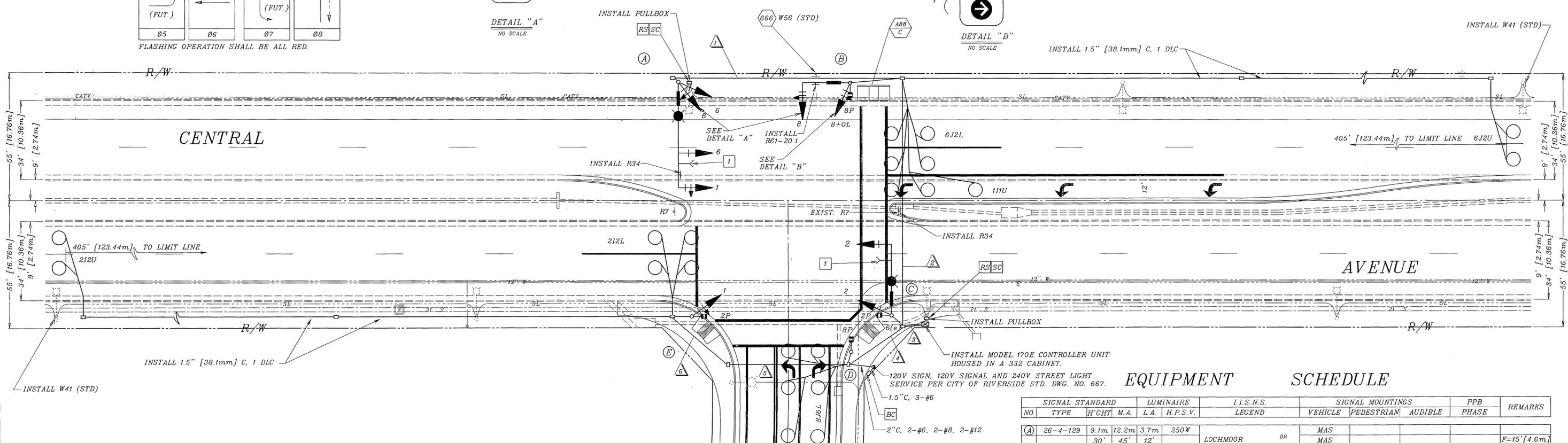


DETAIL "B"
NO SCALE

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.

NOTE: All pavement delineation shown hereon is for reference only. See General Note 2.



EQUIPMENT

SCHEDULE

NO.	SIGNAL STANDARD TYPE	SIGNAL STANDARD		LUMINAIRE		I.I.S.N.S.		SIGNAL MOUNTINGS			PPB PHASE	REMARKS
		H'GHT	M.A.	L.A.	H.P.S.V.	LEGEND	VEHICLE	PEDESTRIAN	AUDIBLE			
(A)	26-4-129	9.1m	12.2m	3.7m	250W	LOCHMOOR	DR	MAS				F=15' [4.6m]
		30'	45'	12'								
(B)	16-2-129	5.2m	6.1m			CENTRAL	AV	MAS				
		17'	20'									
(C)	19-4-129	9.1m	9.1m	3.7m	250W	LOCHMOOR	DR	MAS				
		30'	30'	12'								
(D)	1A	7'							TP-1-T	((IP))		2
(E)	1A	10'							TV-1-T	SP-1-T	((C))	2

- NOTES:
- ALL VEHICULAR HEADS SHALL HAVE 12" [304.8mm] LENSES.
 - ALL LEFT TURN HEADS SHALL HAVE ALL ARROWS.
 - PEDESTRIAN PUSH BUTTONS SHALL BE INSTALLED ON THE POLE IN THE QUADRANT NEAREST THE CROSSWALK SERVING THE PHASE.
 - LOCATION OF THE PRE-EMPTION DETECTOR ON THE MAST ARM SHALL BE AS DETERMINED IN THE FIELD.
 - ((C)) OR ((IP)) - INDICATES AUDITORY PEDESTRIAN SIGNAL TO BE INSTALLED. ((C)) INDICATES CUCKOO SOUND; ((IP)) INDICATES PEEP-PEEP SOUND.
 - BLOCK NO.'S FOR INTERNALLY ILLUMINATED STREET NAME SIGNS SHALL BE PROVIDED PRIOR TO CONSTRUCTION.

CONDUCTOR

TABLE

CONTROL FUNCTION	CONDUCTORS	CONDUCTOR RUNS					
		1	2	3	4	5	6
VEHICLE & PEDESTRIAN HEADS, PEDESTRIAN PUSH BUTTONS, SPARES & COMMONS	12 WIRE IMSA 9 WIRE IMSA 5 WIRE IMSA 3 WIRE IMSA	1	2	3	4	5	6
DETECTOR CABLE	#16/2						
PHASE 1			1	1			
PHASE 2					2	2	2
PHASE 6			2	2			
PHASE 8					2	2	
I.I.S.N.S.	#12	2	2				
LUMINAIRES	#8	2	2				
SIGNAL SERVICE	#6			2			
PRE-EMPTION	4-#20	1	1	2			
CONDUIT SIZE		2"	2.5"	2-3"	3"	2.5"	2"

NOTE: 1. SEE SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION ON I.M.S.A. CABLE.
2. SEE SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION ON EMERGENCY PRE-EMPTION CABLE.

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. Also, see R-3224A sht. 9 & 10 for pavement delineation.
- Typical detector loop spacing: 10' [3m] and 15' [4.5m].
- See Plan R-3224A for street improvements.

CONSTRUCTION NOTES

- Install W41 sign on street light standard (approx 450'); exact location to be determined in the field.
- Install Priority System Pre-emption Dual Detector.
- Construct wheelchair ramp per Caltrans Standard Drawing No. A88, case C.



ENGINEER IN RESPONSIBLE CHARGE
Richard D. McGrath
RICHARD D. McGRATH
R.C.E. No. 31952 expires 12-31-96
DATE 8/21/96

RECEIVED PROFESSIONAL ENGINEER
RICHARD D. McGRATH
No. 31952
Exp. 12-31-96
CIVIL
STATE OF CALIFORNIA

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
APPROVED BY: [Signature]
DATE: 8/22/96
TRAFFIC DIVISION
CHIEF P.W. ENGR
PUBLIC UTILITIES

TRAFFIC SIGNAL
CENTRAL AVENUE @ LOCHMOOR DRIVE
SCALE: 1" [25.4mm] = 20' [6.1m]

ACCT. NO. 0453-570400-455010
X-106
SHEET 1 OF 1
FILE NAME: X106.DWG