EQUIPMENT SCHEDULE

NO.	SIGNAL STANDARD TYPE	HGHT.	M.A.	LUMINAIRE M.A.	H.P.S.V.	I.I.S.N.S. LEGEND	SIGNAL MOUNTINGS VEHICLE	PEDESTRIAN	AUDIBLE	PPB PHASE	REMARKS
(A)	19-3-80	30'	25'	12'	200W		MAS				F = 12'-0"
							MAS				
							SV-1-T	SP-1-T	N/A	6	
(B)	1A	10'					TV-1-T	SP-1-T	N/A	6	
(C)	17-2-80	30'	20'	12'	200W		MAS				
							SV-2-TD				
(D)	17-2-80	30'	20'	12'	200W	FAIR ISLE DR 700E	MAS				
							SV-2-TD				

NOTES:

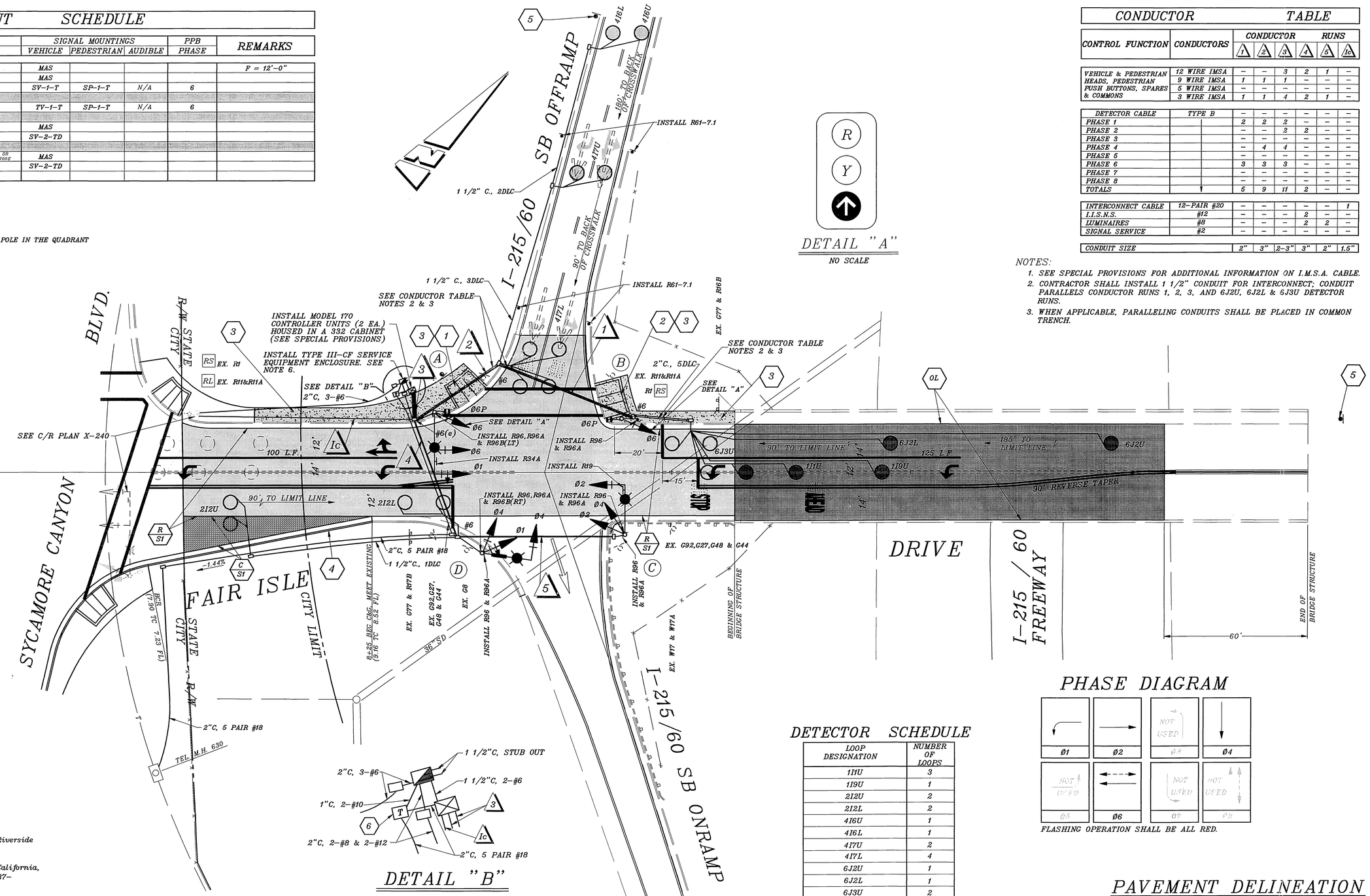
1. ALL VEHICULAR HEADS SHALL HAVE 12" LENSES.
2. ALL LEFT TURN HEADS SHALL HAVE ALL ARROWS.
3. LUMINAIRES SHALL BE HIGH PRESSURE SODIUM VAPOR.
4. PEDESTRIAN PUSH BUTTONS SHALL BE INSTALLED ON THE POLE IN THE QUADRANT NEAREST THE CROSSWALK SERVING THE PHASE.

CONDUCTOR TABLE

CONTROL FUNCTION	CONDUCTORS	CONDUCTOR RUNS 1	2	3	4	5	6c
VEHICLE & PEDESTRIAN HEADS, PEDESTRIAN PUSH BUTTONS, SPARES & COMMONS	12 WIRE IMSA	–	–	3	2	1	–
	9 WIRE IMSA	1	1	1	–	–	–
	5 WIRE IMSA	–	–	–	–	–	–
	3 WIRE IMSA	1	1	4	2	1	–
DETECTOR CABLE	TYPE B	–	–	–	–	–	–
PHASE 1		2	2	2	–	–	–
PHASE 2		–	–	2	2	–	–
PHASE 3		–	–	–	–	–	–
PHASE 4		–	4	4	–	–	–
PHASE 5		–	–	–	–	–	–
PHASE 6		3	3	3	–	–	–
PHASE 7		–	–	–	–	–	–
PHASE 8		–	–	–	–	–	–
TOTALS		5	9	11	2	–	–
INTERCONNECT CABLE	12-PAIR #20	–	–	–	–	–	1
I.I.S.N.S.	#12	–	–	–	2	–	–
LUMINAIRES	#8	–	–	–	2	2	–
SIGNAL SERVICE	#2	–	–	–	–	–	–
CONDUIT SIZE		2"	3"	2-3"	3"	2"	1.5"

NOTES:

1. SEE SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION ON I.M.S.A. CABLE.
2. CONTRACTOR SHALL INSTALL 1 1/2" CONDUIT FOR INTERCONNECT; CONDUIT PARALLELS CONDUCTOR RUNS 1, 2, 3, AND 6J2U, 6J2L & 6J3U DETECTOR RUNS.
3. WHEN APPLICABLE, PARALLELING CONDUITS SHALL BE PLACED IN COMMON TRENCH.



DETAIL "A"

NO SCALE

PHASE DIAGRAM

FLASHING OPERATION SHALL BE ALL RED.

DETECTOR SCHEDULE

LOOP DESIGNATION	NUMBER OF LOOPS
1H1U	3
1I9U	1
2I2U	2
2I2L	2
4I6U	1
4I6L	1
4I7U	2
4I7L	4
6J2U	1
6J2L	1
6J3U	2

Detectors shall be 2-channel rack-mounted.

CONSTRUCTION NOTES

1. Construct wheelchair ramp per State of California, Department of Transportation Standard Plan NSP A88 – Case E.
2. Construct wheelchair ramp per State of California, Department of Transportation Standard Plan NSP A88 – Case D.
3. Construct P.C.C. concrete curb sidewalk per City of Riverside Standard Drawing No. 325.
4. Construct P.C.C. concrete curb (8"C.F.) per State of California, Department of Transportation Standard Plan RSP A87-Type A2-8.
5. Remove ex. W17 sign and "STOP", "AHEAD" markings; Install W41(48") sign and "SIGNAL", "AHEAD" markings @ 500' ± to back of crosswalk.
6. Provide and install Telephone Demarcation Cabinet per State of California, Department of Transportation Standard Plan ES-4E and ES-4F.

C/SI. Construct 0.36' Type 'A' asphalt concrete over 0.33' Class II base over compacted native soil: TI = 10; R = 70.

OL. Remove existing AC overlay (varies from .13' to .16' thickness), and construct 0.13' dense graded asphalt concrete (D2-AR-4000) overlay.

R/SI. Remove existing pavement and construct 0.36' Type 'A' asphalt concrete over 0.33' Class II base.

GENERAL NOTES

1 — Detector loops shall be installed in the presence of the Traffic Engineer or his representative.

2 — All signing, striping, and pavement marking requirements shall be completed prior to signal turn-on.

3 — Typical detector loop spacing: 10', 15' & 30' where applicable.

4 — See C/R plan R-3396 for additional street improvements.

5 — See C/R plan XL-286 for pavement delineation and signs.

6 — Contractor shall furnish shields for the PEU'S openings on the Service Cabinet.

PAVEMENT DELINEATION

Indicates striping and pavement markings to be installed or replaced.

Indicates striping and pavement markings to remain.

Indicates striping and pavement markings to be removed.

ENGINEER IN RESPONSIBLE CHARGE

Richard D. McGrath

RICHARD D. McGRATH
R.C.E. No. 31952

DATE 1-17-96

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

MARK	REVISIONS	APPR	DATE

DESIGNED BY R.C.C. DRAWN BY R.C.C. CHECKED BY

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER		1/16/96
P.W. INSPECTION		1/16/96
TRAFFIC DIVISION		1/12/96
CHIEF P.W. ENGR.		
PUBLIC UTILITIES		1/16/96

APPROVED BY DIRECTOR OF PUBLIC WORKS

DATE 1/18/96

TRAFFIC SIGNAL

FAIR ISLE DRIVE @ I-215/60 FREEWAY

SCALE: 1" = 20'

ACCT. NO. 0453-570400-455010

X-242

SHEET 1 OF 1

FILE NAME: X242.DWG