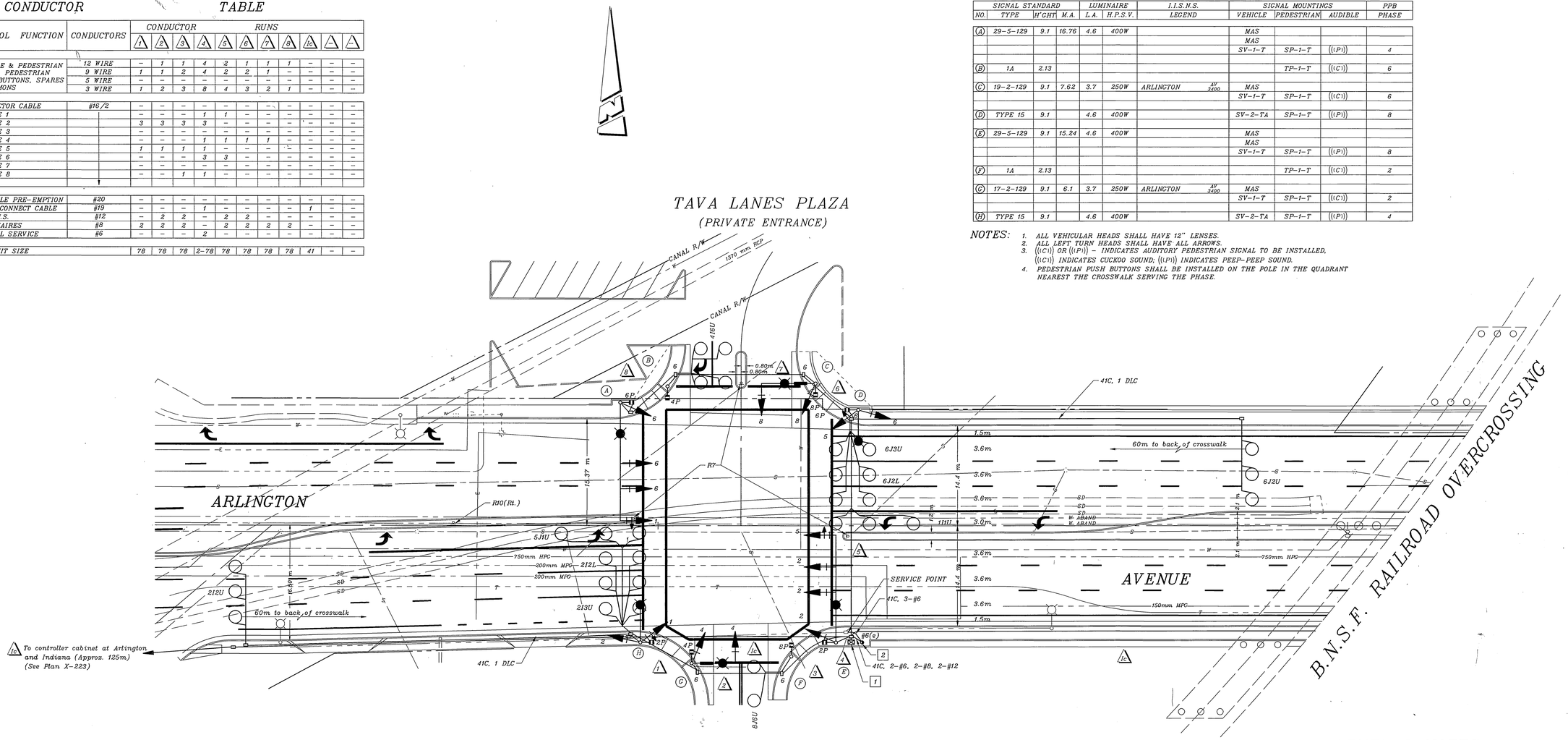
CONDUCTOR TABLE

CONTROL FUNCTION	CONDUCTORS	CONDUCTOR RUNS 1	2	3	4	5	6	7	8	9	10	11
VEHICLE & PEDESTRIAN HEADS, PEDESTRIAN PUSH BUTTONS, SPARES & COMMONS	12 WIRE	–	1	1	4	2	1	1	1	–	–	–
	9 WIRE	1	1	2	4	2	2	1	–	–	–	–
	5 WIRE	–	–	–	–	–	–	–	–	–	–	–
	3 WIRE	1	2	3	8	4	3	2	1	–	–	–
DETECTOR CABLE	#16/2	–	–	–	–	–	–	–	–	–	–	–
PHASE 1		–	–	–	1	1	–	–	–	–	–	–
PHASE 2		3	3	3	3	–	–	–	–	–	–	–
PHASE 3		–	–	–	–	–	–	–	–	–	–	–
PHASE 4		–	–	–	1	1	1	1	–	–	–	–
PHASE 5		1	1	1	1	–	–	–	–	–	–	–
PHASE 6		–	–	–	3	3	–	–	–	–	–	–
PHASE 7		–	–	–	–	–	–	–	–	–	–	–
PHASE 8		–	–	1	1	–	–	–	–	–	–	–
VEHICLE PRE-EMPTION	#20	–	–	–	–	–	–	–	–	–	–	–
INTERCONNECT CABLE	#19	–	–	–	1	–	–	–	–	1	–	–
I.I.S.N.S.	#12	–	2	2	–	2	2	–	–	–	–	–
LUMINAIRES	#8	2	2	2	–	2	2	2	2	–	–	–
SIGNAL SERVICE	#6	–	–	–	2	–	–	–	–	–	–	–
CONDUIT SIZE		78	78	78	2-78	78	78	78	78	41	–	–

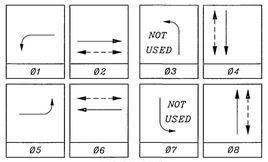
EQUIPMENT SCHEDULE

NO.	SIGNAL STANDARD TYPE	H'GHT	M.A.	LUMINAIRE L.A.	H.P.S.V.	I.I.S.N.S. LEGEND	SIGNAL MOUNTINGS VEHICLE	PEDESTRIAN	AUDIBLE	PPB PHASE
(A)	29-5-129	9.1	16.76	4.6	400W		MAS			
							MAS			
							SV-1-T	SP-1-T	((P1))	4
(B)	1A	2.13						TP-1-T	((C1))	6
(C)	19-2-129	9.1	7.62	3.7	250W	ARLINGTON AV 3400	MAS			
							SV-1-T	SP-1-T	((C1))	6
(D)	TYPE 15	9.1		4.6	400W		SV-2-TA	SP-1-T	((P1))	8
(E)	29-5-129	9.1	15.24	4.6	400W		MAS			
							MAS			
							SV-1-T	SP-1-T	((P1))	8
(F)	1A	2.13						TP-1-T	((C1))	2
(G)	17-2-129	9.1	6.1	3.7	250W	ARLINGTON AV 3400	MAS			
							SV-1-T	SP-1-T	((C1))	2
(H)	TYPE 15	9.1		4.6	400W		SV-2-TA	SP-1-T	((P1))	4

NOTES:
1. ALL VEHICULAR HEADS SHALL HAVE 12" LENSES.
2. ALL LEFT TURN HEADS SHALL HAVE ALL ARROWS.
3. ((C1)) OR ((P1)) – INDICATES AUDITORY PEDESTRIAN SIGNAL TO BE INSTALLED, ((C1)) INDICATES CUCKOO SOUND; ((P1)) INDICATES PEEP-PEEP SOUND.
4. PEDESTRIAN PUSH BUTTONS SHALL BE INSTALLED ON THE POLE IN THE QUADRANT NEAREST THE CROSSWALK SERVING THE PHASE.



PHASE DIAGRAM



FLASHING OPERATION SHALL BE ALL RED.

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 this sheet is for reference only.

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 SHAL BE COMPLETED AT LEAST ONE DAY PRIOR TO TURN-ON.

3 — TYPICAL DETECTOR LOOP SPACING: 3.0m, 4.5m AND 9.1m (WHERE APPLICABLE).

4 — THIS PLAN ACCURATE FOR ELECTRICAL WORK ONLY.

5 — SEE PLAN R-3425 FOR STREET IMPROVEMENTS.

6 — SEE PLAN XL-414 FOR COMPLETE PAVEMENT DELINEATION AND SIGNING REQUIREMENTS.

CONSTRUCTION NOTES

1 INSTALL MODEL 170E CONTROLLER UNIT HOUSED IN 332 CABINET.

2 INSTALL 120V SIGNAL, 120V SIGN AND 240V ST. LT. SERVICE PER STANDARD DRAWING NO. 667.

Metric

IMPORTANT NOTICE
Section 4216/4217 of the Government Code requires a Dig Alert Identification Number to be issued before a "Permit to Excavate" will be valid. For your Dig Alert I.D. Number call
CALL TOLL FREE
TWO WORKING DAYS BEFORE YOU DIG
UNDERGROUND SERVICE ALERT
1-800-227-2600

ENGINEER IN RESPONSIBLE CHARGE
Richard D. McGrath
RICHARD D. McGRATH
R.C.E. NO. 31952 EXPIRES 12-31-2000
DATE 5-7-98

REGISTERED PROFESSIONAL ENGINEER
RICHARD D. McGRATH
No. 31952
Exp. 12-31-2000
CIVIL
STATE OF CALIFORNIA

MARK	REVISIONS	APPR.	DATE

DESIGNED BY MAC DRAWN BY MAC CHECKED BY

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER		5/7/98
P.W. INSPECTION	—	—
TRAFFIC DIVISION		5/7/98
CHIEF P.W. ENGR.	—	—
PUBLIC UTILITIES	—	—

APPROVED BY R. McGrath
DIRECTOR OF PUBLIC WORKS
DATE 5-7-98

TRAFFIC SIGNAL
ARLINGTON AVENUE @ TAVA LANES PLAZA (PRIVATE ENTRANCE)
SCALE 1:300

ACCT. NO. 430-541500-440227-30268
X-246
SHEET 1 OF 1
FILE NAME: X246.DWG