CONDUCTOR TABLE

AWG	CIRCUIT	RUNS 1	2	3	4	5	6	7	8	9	10	11	12	13
#14	ø1	–	–	–	–	–	–	–	–	–	3	3	3	3
	ø2	–	3	3	3	–	–	–	–	–	–	–	–	3
	ø3	–	–	–	–	–	–	3	3	3	3	3	3	3
	ø4	–	–	–	–	–	–	–	–	–	–	–	–	3
	ø5	–	3	3	3	–	3	3	3	3	3	3	3	6
	ø6	–	–	–	–	–	–	–	–	–	3	3	3	3
	ø7	–	–	3	3	–	–	–	–	–	–	–	–	3
	ø8	–	–	–	–	–	–	3	3	3	3	3	3	3
	ø2 PED	–	2	2	2	–	–	–	–	–	–	–	2	4
	ø4 PED	–	–	–	–	–	–	–	–	2	2	2	2	2
	ø6 PED	–	–	–	–	–	2	2	2	2	2	2	2	2
	ø8 PED	–	–	2	2	–	–	2	2	2	2	2	2	4
	ø2 PPB	–	–	1	2	–	–	–	–	–	–	–	–	3
	ø4 PPB	–	–	–	–	–	–	–	–	–	1	2	3	3
	ø6 PPB	–	–	–	–	–	–	1	2	3	3	3	3	3
	ø8 PPB	1	2	2	2	–	1	1	1	1	1	1	1	3
	PPB COMMON	1	1	1	1	–	1	1	1	1	1	1	1	2
	RR PRE–EMPTION	–	–	–	–	2	–	–	–	–	–	–	–	2
	SPARES	3	3	3	3	–	3	3	3	3	3	3	3	6
	TOTAL	5	14	20	21	2	10	19	20	23	30	31	34	61
DLC	ø1 DETECTOR	1	1	1	1	–	–	–	–	–	–	–	1	1
	ø2 DETECTOR	–	–	–	–	–	–	–	–	–	–	1	2	2
	ø3 DETECTOR	–	–	–	1	–	–	–	–	–	–	–	–	1
	ø4 DETECTOR	–	–	–	–	–	–	–	1	2	2	2	2	2
	ø5 DETECTOR	–	–	–	–	–	–	–	–	–	–	1	1	1
	ø6 DETECTOR	1	1	1	1	–	–	–	–	–	–	–	–	1
	ø7 DETECTOR	–	–	–	–	–	–	–	2	2	2	2	2	2
	ø8 DETECTOR	–	–	–	1	–	–	–	–	–	–	–	–	1
	TOTAL	2	2	2	4	–	–	–	3	4	4	6	7	11
#10	LUMINAIRE	–	2	2	2	2	–	2	2	2	2	2	2	–
	SIGNAL COMMON	1	1	1	1	–	1	1	1	1	1	1	1	2
	TOTAL	1	3	3	3	2	1	3	3	3	3	3	3	2
#12	I.S.N.S.	–	2	2	2	2	–	2	2	2	2	2	2	–
#8	SIGNAL SERVICE	–	–	–	–	2	–	–	–	–	–	–	–	2

CONDUIT SIZE	1 1/2" (E)	2" (E)	2" (E)	2 1/2" (E)	1 1/2" (E)	1 1/2" (E)	2" (E)	2 1/2" (E)	1 1/2" (E)	2 1/2" (E)	2 1/2" (E)	3" (N)	2"–3" (E)

E = EXISTING N = NEW

PHASE DIAGRAM

FLASHING OPERATION SHALL BE ALL RED.

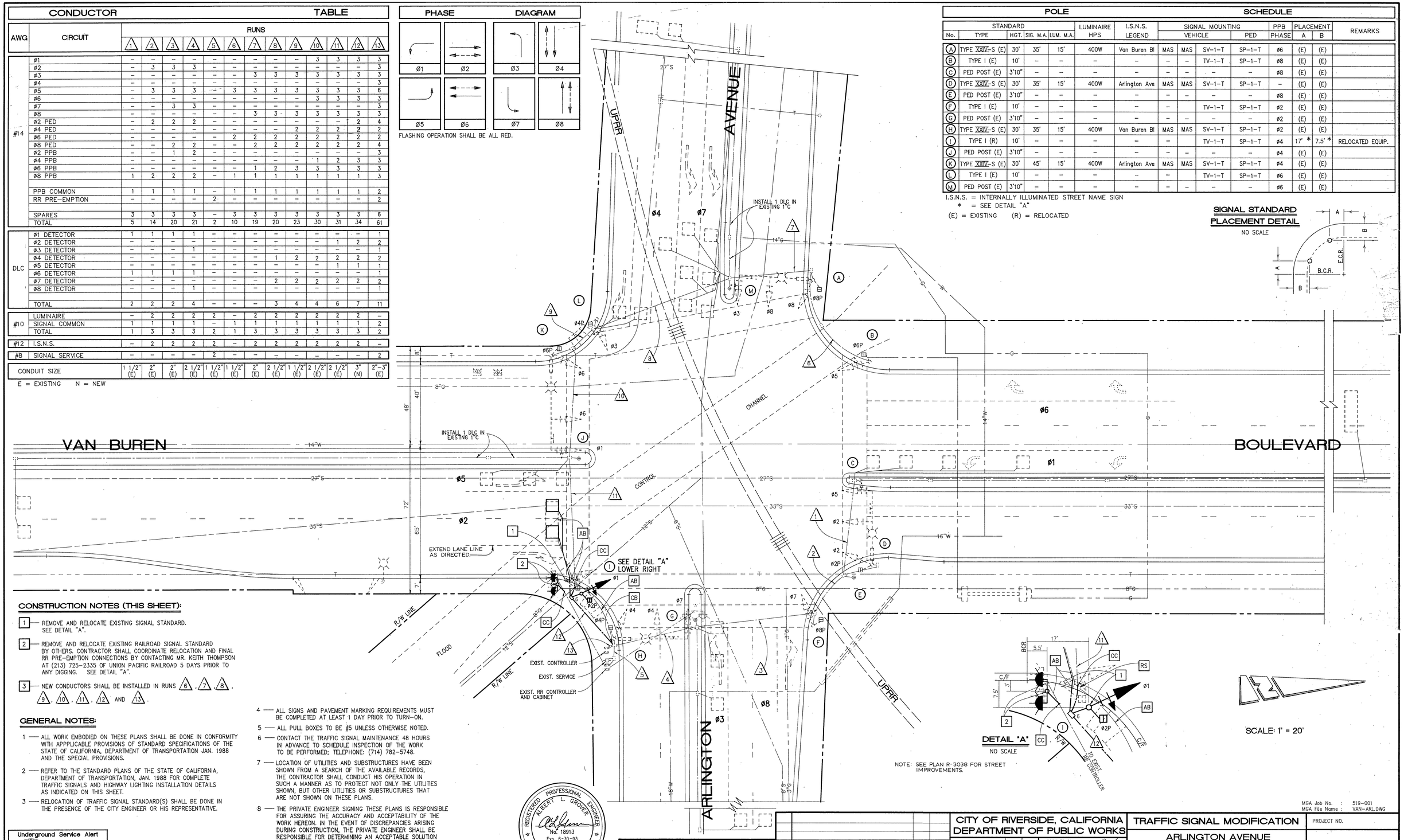
POLE SCHEDULE

No.	STANDARD TYPE	HGT.	SIG. M.A.	LUM. M.A.	LUMINAIRE HPS	I.S.N.S. LEGEND	SIGNAL MOUNTING VEHICLE	PED	PPB PHASE	PLACEMENT A	B	REMARKS
A	TYPE XXIV–S (E)	30'	35'	15'	400W	Van Buren Bl	MAS	MAS	SV–1–T	SP–1–T	ø6	(E)	(E)	
B	TYPE I (E)	10'	–	–	–	–	–	–	TV–1–T	SP–1–T	ø8	(E)	(E)	
C	PED POST (E)	3'10"	–	–	–	–	–	–	–	–	ø8	(E)	(E)	
D	TYPE XXIV–S (E)	30'	35'	15'	400W	Arlington Ave	MAS	MAS	SV–1–T	SP–1–T	–	(E)	(E)	
E	PED POST (E)	3'10"	–	–	–	–	–	–	–	–	ø8	(E)	(E)	
F	TYPE I (E)	10'	–	–	–	–	–		TV–1–T	SP–1–T	ø2	(E)	(E)	
G	PED POST (E)	3'10"	–	–	–	–	–	–	–	–	ø2	(E)	(E)	
H	TYPE XXIV–S (E)	30'	35'	15'	400W	Van Buren Bl	MAS	MAS	SV–1–T	SP–1–T	ø2	(E)	(E)	
I	TYPE I (R)	10'	–	–	–	–	–		TV–1–T	SP–1–T	ø4	17' *	7.5' *	RELOCATED EQUIP.
J	PED POST (E)	3'10"	–	–	–	–	–	–	–	–	ø4	(E)	(E)	
K	TYPE XXIV–S (E)	30'	45'	15'	400W	Arlington Ave	MAS	MAS	SV–1–T	SP–1–T	ø4	(E)	(E)	
L	TYPE I (E)	10'	–	–	–	–	–		TV–1–T	SP–1–T	ø6	(E)	(E)	
M	PED POST (E)	3'10"	–	–	–	–	–	–	–	–	ø6	(E)	(E)	

I.S.N.S. = INTERNALLY ILLUMINATED STREET NAME SIGN
* = SEE DETAIL "A"
(E) = EXISTING (R) = RELOCATED

SIGNAL STANDARD PLACEMENT DETAIL

NO SCALE



DETAIL "A"

NO SCALE

NOTE: SEE PLAN R-3038 FOR STREET IMPROVEMENTS.

SCALE: 1" = 20'

CONSTRUCTION NOTES (THIS SHEET):

1 — REMOVE AND RELOCATE EXISTING SIGNAL STANDARD. SEE DETAIL "A".

2 — REMOVE AND RELOCATE EXISTING RAILROAD SIGNAL STANDARD BY OTHERS. CONTRACTOR SHALL COORDINATE RELOCATION AND FINAL RR PRE–EMPTION CONNECTIONS BY CONTACTING MR. KEITH THOMPSON AT (213) 725–2335 OF UNION PACIFIC RAILROAD 5 DAYS PRIOR TO ANY DIGGING. SEE DETAIL "A".

3 — NEW CONDUCTORS SHALL BE INSTALLED IN RUNS 6, 7, 8, 9, 10, 11, 12, AND 13.

4 — ALL SIGNS AND PAVEMENT MARKING REQUIREMENTS MUST BE COMPLETED AT LEAST 1 DAY PRIOR TO TURN–ON.

5 — ALL PULL BOXES TO BE #5 UNLESS OTHERWISE NOTED.

6 — CONTACT THE TRAFFIC SIGNAL MAINTENANCE 48 HOURS IN ADVANCE TO SCHEDULE INSPECTION OF THE WORK TO BE PERFORMED; TELEPHONE: (714) 782–5748.

7 — LOCATION OF UTILITIES AND SUBSTRUCTURES HAVE BEEN SHOWN FROM A SEARCH OF THE AVAILABLE RECORDS, THE CONTRACTOR SHALL CONDUCT HIS OPERATION IN SUCH A MANNER AS TO PROTECT NOT ONLY THE UTILITIES SHOWN, BUT OTHER UTILITIES OR SUBSTRUCTURES THAT ARE NOT SHOWN ON THESE PLANS.

8 — THE PRIVATE ENGINEER SIGNING THESE PLANS IS RESPONSIBLE FOR ASSURING THE ACCURACY AND ACCEPTABILITY OF THE WORK HEREON. IN THE EVENT OF DISCREPANCIES ARISING DURING CONSTRUCTION, THE PRIVATE ENGINEER SHALL BE RESPONSIBLE FOR DETERMINING AN ACCEPTABLE SOLUTION AND REVISING THE PLANS FOR APPROVAL BY THE CITY.

9 — A STREET OPENING PERMIT OBTAINED AT THE PUBLIC WORKS DEPT. IS REQUIRED FOR THIS WORK. INSPECTION FEES TO BE CHARGED FOR THIS PERMIT WILL BE AT A RATE OF $29.35 PER HOUR.

GENERAL NOTES:

1 — ALL WORK EMBODIED ON THESE PLANS SHALL BE DONE IN CONFORMITY WITH APPPLICABLE PROVISIONS OF STANDARD SPECIFICATIONS OF THE STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION JAN. 1988 AND THE SPECIAL PROVISIONS.

2 — REFER TO THE STANDARD PLANS OF THE STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION, JAN. 1988 FOR COMPLETE TRAFFIC SIGNALS AND HIGHWAY LIGHTING INSTALLATION DETAILS AS INDICATED ON THIS SHEET.

3 — RELOCATION OF TRAFFIC SIGNAL STANDARD(S) SHALL BE DONE IN THE PRESENCE OF THE CITY ENGINEER OR HIS REPRESENTATIVE.

Underground Service Alert
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Call: TOLL FREE
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422–4133
TWO WORKING DAYS BEFORE YOU DIG

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No. 18913
Exp. 6–30–93
CIVIL
STATE OF CALIFORNIA

DATE: 9-21-89

MGA
MOHLE, GROVER & ASSOCIATES
901 East Imperial Highway Suite A
La Habra, CA 90631 • (714)738–3471

MGA Job No. : 519–001
MGA File Name : VAN–ARL.DWG

MARK	REVISIONS	APPR.	DATE

DESIGNED BY JL PONTEJOS DRAWN BY J. SANCHEZ J. PONTEJOS CHECKED BY

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER		10-3-89
PARK DEPARTMENT	—	—
TRAFFIC DIVISION		10-2-89
CHIEF P.W. ENGR.		10-19-89

APPROVED BY
DIRECTOR OF PUBLIC WORKS
DATE Oct. 16, 1989

TRAFFIC SIGNAL MODIFICATION
ARLINGTON AVENUE
AND
VAN BUREN BOULEVARD

PROJECT NO.
X – 401 B
SHEET 1 OF 1

HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" =
FILE NO.