CONDUCTOR SCHEDULE

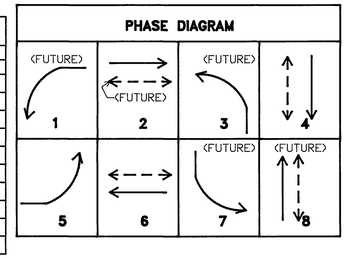
AWG	CIRCUIT	RUN NUMBER 1	2	3	4	5	6	7
#14	Ø2	3	6	6	–	6	–	–
	Ø4	3	6	6	3	9	3	–
	Ø5	–	3	3	–	6	–	–
	Ø6	–	–	–	3	6	–	–
	Ø4 PED	2	2	2	2	4	2	–
	Ø4 PPB	1	1	1	1	2	–	–
	Ø6 PED	–	–	–	2	4	–	–
	Ø6 PPB	–	–	–	1	2	1	1
	P.P. COMMON	1	2	2	2	5	1	1
	SPARES	3	6	6	6	15	3	3
#8	LUMINAIRE	2	2	2	2	–	–	2
#12	IISNS	2	2	2	–	–	–	
	SIGNAL COMMON	1	2	2	2	5	1	
	TOTAL	3	4	4	2	5	1	
TYPE B D.L. CABLE	212U,212L,2I3U	3	3	3	–	3	–	
	5J1U	–	–	–	1	1	–	
	6J2U,6J2L	–	–	–	–	2	–	
	6J3U,6J3L	–	–	–	–	2	–	
	4I6U	–	–	–	1	1	1	
	TOTAL	3	3	3	2	9	1	
OPTICOM 138 CABLE			1	1	1	1		
CONDUIT SIZE		3"	3"	3"	3"	2-3"	2"	2"

POLE SCHEDULE

No	STANDARD TYPE	HGT	MAST ARM SIG	MAST ARM LUM	LUMINAIRE * HPSV	I. I.S.N.S. LEGEND	SIGNAL MOUNTING M.A.	VEH.	PED.	P.P.B. PHASE	TYPE
A	19-4-80	30'	30'	15'**	250 W	Alessandro Bl	MAS	SV-2-TB	SP-1-T	4	B
B	26-4-80	30'	40'	15'	250 W		MAS/MAS	SV-2-TB	–	–	–
C	15	30'	–	15'	250 W		–	SV-2-TB	SP-1-T	–	–
D	1-A	10'	–				–	TV-1-T	SP-1-T	6	B
E	24-4-80	30'	35'	15'	250 W		MAS	SV-1-T	SP-1-T	4	B
F	ELECTROLIER	31'3"	–	8'	250 W						
G	ELECTROLIER	31'3"	–	8'(2)	250 W (2)						
H	ELECTROLIER	31'3"	–	8'(2)	250 W (2)						
I	ELECTROLIER	31'3"	–	8'	250 W						
J	15	30'	–	10'	250 W					6	B

* LUMINAIRES SHALL BE PROVIDED WITH TYPE IV PHOTO-ELECTRIC CONTROL.
** 90" LUMINAIRE ARM

PHASE DIAGRAM



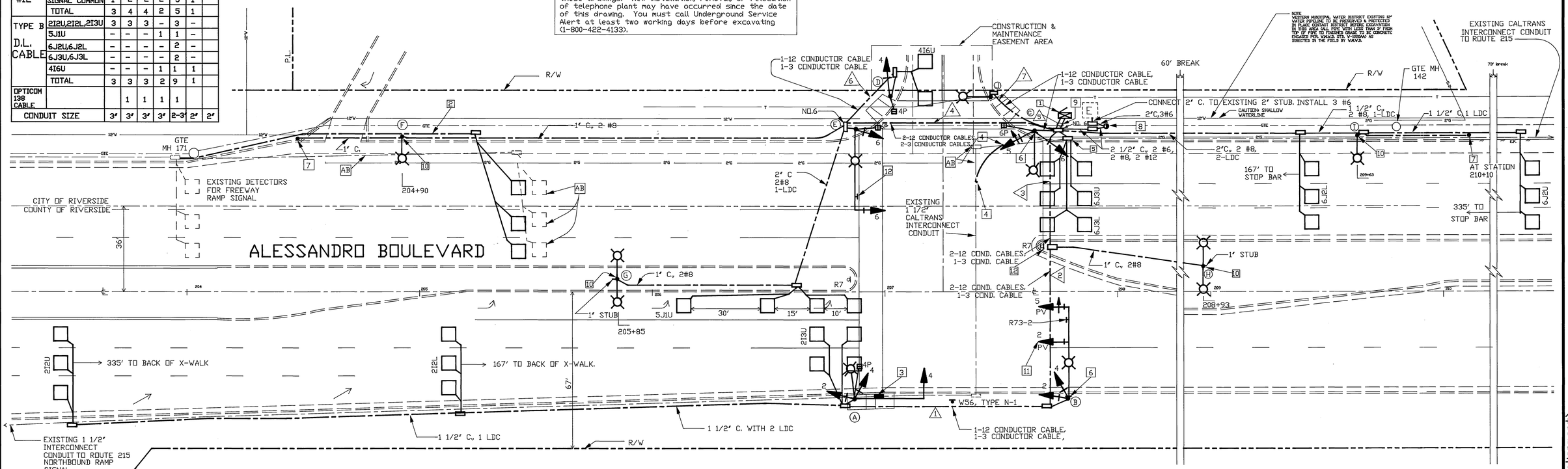
GENERAL NOTES THIS SHEET

1. TRAFFIC SIGNAL WORK AND EQUIPMENT SHALL CONFORM TO STATE OF CALIFORNIA STANDARD PLANS AND SPECIFICATIONS DATED JULY 1988, AND THE SPECIAL PROVISIONS.
2. EXACT PLACEMENT OF TRAFFIC EQUIPMENT AND POLES SHALL BE FIELD LOCATED BY THE ENGINEER.
3. ALL VEHICLE HEADS SHALL BE 12".
4. DETECTOR LOOPS SHALL BE INSTALLED IN THE PRESENCE OF THE TRAFFIC ENGINEER OR HIS REPRESENTATIVE.
5. ALL SIGNING, STRIPING AND PAVEMENT MARKINGS SHALL BE COMPLETED AT LEAST ONE DAY PRIOR TO "SIGNAL TURN-ON."
6. ALL PULLBOXES SHALL BE NO. 5, UNLESS OTHERWISE INDICATED.
7. CITY OF RIVERSIDE STANDARD DRAWINGS ARE AVAILABLE AT PUBLIC WORKS DEPARTMENT, CITY HALL.
8. CONTACT TRAFFIC SIGNAL MAINTENANCE 48 HRS. IN ADVANCE TO SCHEDULE INSPECTION OF WORK TO BE PERFORMED. TEL. (714) 351-6096.
9. THE CONTRACTOR SHALL FURNISH ALL CIRCUIT BREAKERS TYPE AS SPECIFIED:
   A) SQUARE D CABINET LOAD CENTER-SQDQD6-12RB,
   B) 30A BREAKER (LUM.) D.P. #SQD QD,
   C) 40A BREAKER (SIG.) S.P. #SQD DQ,
   D) 15A BREAKER I.S.N.S. S.P. #SQD QD.
10. A STREET OPENING PERMIT OBTAINABLE AT THE CITY OF RIVERSIDE PUBLIC WORKS DEPT. IS REQUIRED FOR THIS WORK. INSPECTION REQUIREMENTS FOR THIS PERMIT WILL BE AT THE RATE OF $35.29 PER HOUR. AN ENCROACHMENT PERMIT IS REQUIRED FOR WORK WINTHIN COUNTY RIGHT OF WAY. TEL. (714) 275-6790.
11. COST FOR SERVICE CONNECT SHALL BE BILLED BY CITY OF RIVERSIDE PUBLIC UTILITIES.
12. CALL UNDERGROUND SERVICE ALERT (U.S.A.) 1-800-422-4133 AT LEAST 48 HOURS PRIOR TO EXCAVATION.
13. REFER TO STREET IMPROVEMENT PLANS NO. R-3295 FOR OTHER UTILITY FACILITIES NOT SHOWN ON THIS PLAN.
14. SEE SIGNING AND STRIPING PLAN NO. XL-258.
15. ALL PERMITS, LICENSES, INSPECTION AND THE COST THEREOF, REQUIRED BY OTHER AGENCIES (CALTRANS AND COUNTY OF RIVERSIDE) SHALL BE THE RESPONSIBILITY OF THE PERMITTEE.
16. 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.

GTE CALIFORNIA, INCORPORATED

IMPORTANT NOTICE

GTE California Incorporated ("GTEC") does not assume responsibility for the accuracy or completeness of these drawings. New installation, removal, or relocation of telephone plant may have occurred since the date of this drawing. You must call Underground Service Alert at least two working days before excavating (1-800-422-4133).



CONSTRUCTION NOTES THIS SHEET:

1. INSTALL MODEL 170 CONTROLLER ASSEMBLY IN MODEL 332 CABINET.
2. RE-INSTALL EXISTING DETECTOR CABLE IN NEW 1 1/2" CONDUIT.
3. INSTALL I.I.S.N.S., SEE CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT STANDARD DRAWING NO. 662B.
4. INTERCEPT EXISTING CALTRANS INTERCONNECT CONDUIT AND INSTALL NEW 1 1/2" CONDUIT AS SHOWN ON PLAN.
5. INTERCEPT EXISTING CALTRANS INTERCONNECT CONDUIT. INSTALL NO. 6 PULLBOX. RUN 1 1/2" C. INTO CONTROLLER CABINET. INTERCONNECT CABLE TO BE INSTALLED BY CALTRANS.
6. INSTALL R96 AND R96B SIGNS (LEFT AND RIGHT ARROW).
7. INSTALL 1" CONDUIT WITH PULLROPE TO DEVELOPER'S PROPERTY LINE; CAPPED END OF CONDUIT.
8. INSTALL 120/240 VOLT SERVICE ON TYPE 1-A POLE, REFER TO CITY OF RIVERSIDE STANDARD DRAWING NO. 667.
9. INSTALL 6-12 CONDUCTOR I.M.S.A. CABLES FOR VEHICLE SIGNAL INDICATIONS, ONE AT SIGNAL STANDARD (A), ONE AT STANDARD (B), ONE AT STANDARD (C), ONE AT STANDARD (D), ONE AT STANDARD (E), AND ONE AT STANDARD (J). INSTALL 5-3 CONDUCTOR I.M.S.A. CABLES FOR PEDESTRIAN PUSHBUTTONS, ONE AT STANDARD (A), ONE AT STANDARD (C), ONE AT STANDARD (D), ONE AT STANDARD (E) AND ONE AT STANDARD (J).
10. INSTALL CONCRETE ELECTROLIER, REFER TO CITY OF RIVERSIDE PUBLIC UTILITY SPECIFICATION NO. 119 (ITEM NO. S8), DRAWING UGS-801.
11. PROGRAM "GREEN" INDICATION ONLY AS DIRECTED BY THE TRAFFIC ENGINEER OR HIS REPRESENTATIVE.
12. INSTALL R34-2 SIGN.

REVIEWED BY: WESTERN MUNICIPAL WATER DISTRICT
SHEET ___ THRU 1
PRINCIPAL ENGINEER, R.C.E. 21643
DATE: 7/23/92

GTE — APPROVED BY — DATE 7-29-92
SOUTHERN CALIFORNIA GAS CO. — APPROVED BY — DATE 7-24-92

COUNTY OF RIVERSIDE TRANSPORTATION DEPARTMENT
IVAN F. TENNANT — DATE 8-4-92
RECOMMENDED — DATE 8-3-92

TRAFFIC SAFETY ENGINEERS
3100 MARYWOOD DRIVE
ORANGE, CA 92667
(714) 974-7863
FAX: (714) 974-1943

REGISTERED PROFESSIONAL ENGINEER C. HUI LAI No. 1149 Exp. 12/31/92 TRAFFIC STATE OF CALIFORNIA

MARK	REVISIONS	APPR.	DATE

DESIGNED BY HL DRAWN BY SL CHECKED BY FF

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER		8/5/92
INSPECTION		8/5/92
TRAFFIC DIVISION		8/5/92
CHIEF PUB.WKS.ENGR.		8/11/92
PUBLIC UTILITIES		

APPROVED BY — DIRECTOR OF PUBLIC WORKS — DATE 8/6/92

TRAFFIC SIGNALS
ALESSANDRO BLVD AND SHOPPING CENTER
SCALE: 1" = 20'

ACCOUNT NO.
DRAWING NUMBER X-368
SHEET 1 OF 1

Alessandro Signal e/o I-215 (new alignment)