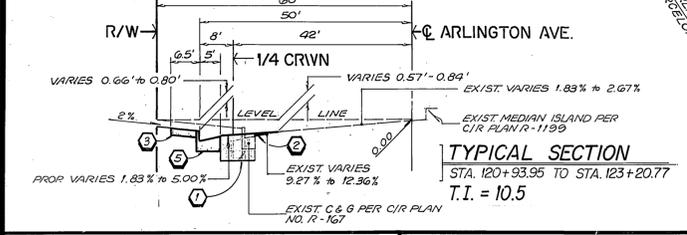
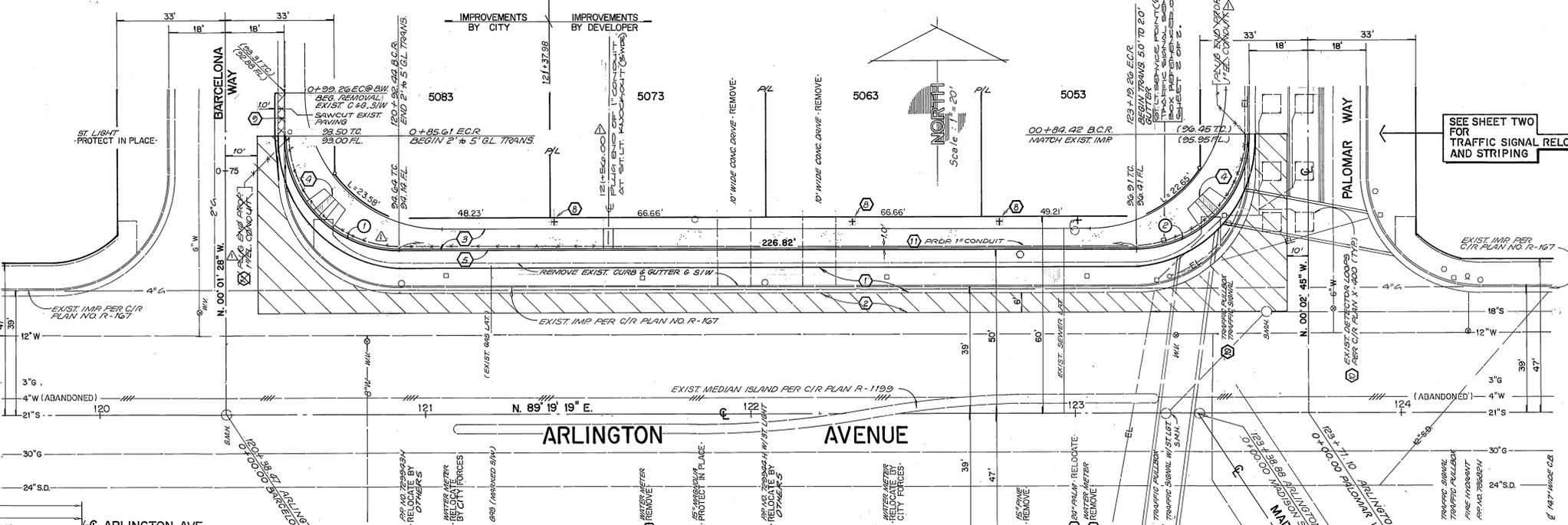
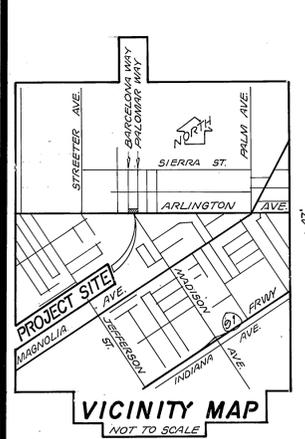


- ### GENERAL NOTES
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CLEAR THE RIGHT OF WAY IN ACCORDANCE WITH THE PROVISIONS OF LAW AS IT AFFECTS EACH UTILITY INCLUDING IRRIGATION LINES AND APPURTENANCES, AND AT NO COST TO THE CITY.
 - CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RIVERSIDE DEPARTMENT OF PUBLIC WORKS, STANDARD DRAWINGS, STANDARD DRAWING NO. 10 AND THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, CURRENT EDITION.
 - THE PRIVATE ENGINEER SIGNING THESE PLANS IS RESPONSIBLE FOR ASSURING THE ACCURACY AND ACCEPTABILITY OF THE WORK HEREIN. 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.
 - THE DEVELOPER SHALL BE RESPONSIBLE FOR PRESERVING OR RE-ESTABLISHING AND REFERENCING SURVEY MONUMENTS DESTROYED, DISTURBED OR BURIED AS A RESULT OF CONSTRUCTION SHOWN HEREIN.
 - ALL FLAGGED ELEVATIONS SHALL BE STAKED IN THE FIELD BY THE PRIVATE ENGINEER.
 - ANY TRAFFIC CONTROL STRIPING OBLITERATED AND/OR BADLY WORN DURING CONSTRUCTION SHALL BE RESTORED BY THE CONTRACTOR WITHIN FIVE DAYS AFTER NOTIFICATION FROM THE CITY INSPECTORS.
 - TRIM EDGE OF EXISTING PAVEMENT WHERE NEW PAVEMENT JOINS TO A SMOOTH, STRAIGHT LINE. CONSTRUCT MATCH-UP PAVING AS SHOWN ON PLAN AND OVERLAY PAVING AS DIRECTED IN THE FIELD TO PRODUCE A SMOOTH SECTION.
 - IN PAVEMENT OVERLAY AREAS, DISTRESSED EXISTING PAVEMENT SHALL BE REMOVED AND REPLACED AS DIRECTED BY THE INSPECTOR PRIOR TO OVERLAYING WITH A.C. PAVING.
 - THE CONTRACTOR SHALL CALL IN A LOCATION REQUEST TO UNDERGROUND SERVICE ALERT (USA), PHONE NO. 1-800-422-4133, TWO WORKING DAYS BEFORE DIGGING. NO CONSTRUCTION PERMIT WILL BE ISSUED BY THE PUBLIC WORKS DEPARTMENT INVOLVING EXCAVATION FOR UNDERGROUND FACILITIES UNLESS THE APPLICANT HAS PROVIDED AN INQUIRY IDENTIFICATION NUMBER BY U.S.A.
 - RELOCATION FEE TO BE PAID BY DEVELOPER TO PUBLIC UTILITIES DEPT. PRIOR TO RELOCATION OF ELECTRICAL FACILITIES.
 - DEVELOPER TO GIVE CITY WATER DIVISION FIVE (5) WORKING DAYS WRITTEN NOTICE PRIOR TO START OF CONSTRUCTION AND TO ALLOW CITY TEN (10) WORKING DAYS FOR COMPLETION OF WORK. (351-6150)
 - STREET IMPROVEMENT WORK THAT WILL CAUSE DAMAGE TO THE DETECTOR LOOP(S) SHALL NOT BE PERFORMED UNTIL TRAFFIC SIGNAL MAINTENANCE PERSONNEL HAVE BEEN NOTIFIED AND THE NECESSARY TIMING ADJUSTMENTS MADE TO MAINTAIN SIGNAL OPERATION. PHONE NO. (714) 351-6096
 - IN ORDER TO COORDINATE THE CITY'S PORTION OF THE WORK, THE DEVELOPER AND/OR CONTRACTOR SHALL GIVE THE CITY 60 DAYS' NOTICE IN ORDER THAT THE DEVELOPER'S AND THE CITY'S WORK MAY BE INSTALLED CONCURRENTLY. THE DEVELOPER SHALL PREPARE AND COMPACT ROUGH SUBGRADE (4.0'±) AND IS RESPONSIBLE FOR THE CONDITION OF THE SUBGRADE UNTIL ACCEPTED BY THE CITY AND UNTIL THE CITY'S CONTRACTOR STARTS WORKING. THE DEVELOPER IS ALSO RESPONSIBLE FOR BARRICADING DURING THIS TIME.

CURVE DATA

①	90° 39' 13"
②	89° 22' 02"



- ### CONSTRUCTION NOTES
- CONSTRUCT 0.58" A.C. PAVING OVER 1.6" CRUSHED AGGREGATE BASE OR 1.25" FULL DEPTH A.C. PAVING OVER COMPACTED NATIVE. PER C/R SR-177, R=18
 - CONSTRUCT VARIABLE THICKNESS A.C. OVERLAY
 - CONSTRUCT 6.0' WIDE CURB SIDEWALK PER CITY OF RIVERSIDE STD. NO. 325
 - CONSTRUCT HANDICAP RAMP PER CITY OF RIVERSIDE STD. NO. 304
 - CONSTRUCT 6" CF CURB WITH 5" WIDE CLASS II BIKEWAY GUTTER PER CITY OF RIVERSIDE STD. NO. 200
 - SERVICE TO BE CUT AND PLUGGED AT MAIN AND WATER METER AND BOX TO BE SALVAGED. ALL WORK TO BE DONE BY CITY FORCES.
 - RELOCATE PALM TREE TO THE SPECIFICATIONS OF THE PARK AND RECREATION DEPT.
 - PLANT STREET TREE TO THE SPECIFICATIONS OF THE PARK AND RECREATION DEPT.
 - CONSTRUCT 6" CURB AND GUTTER TYPE I PER CITY OF RIVERSIDE STD. NO. 200
 - SERVICE TO BE CUT AND PLUGGED AT MAIN AND WATER METER AND BOX TO BE SALVAGED. ALL WORK TO BE DONE BY CITY FORCES.
 - INSTALL 1" RIGID PLASTIC CONDUIT, D.D. TYPE, PER CITY OF RIVERSIDE. PUBLIC UTILITIES DEPT. STREET LIGHT SPEC. NO. 119. CALL 782-5429 TO ARRANGE FOR INSPECTION BY PUBLIC UTILITIES DEPT. STREET LIGHT AND WIRE TO BE PROVIDED AND INSTALLED BY THE PUBLIC UTILITIES DEPARTMENT.

- ### PARKS DEPARTMENT NOTES
- ALL RELATED WORK SHALL CONFORM TO THE CITY OF RIVERSIDE PARK AND RECREATION DEPARTMENT STANDARDS AND CITY OF RIVERSIDE STREET TREE POLICIES.
 - WHEN CALLING FOR INSPECTIONS CONTACT THE STREET TREE INSPECTOR A MINIMUM OF 48 HOURS IN ADVANCE AT (714) 351-6126 TO SCHEDULE INSPECTION. A FIELD NOTICE WILL BE ISSUED AS WRITTEN APPROVAL FOR EACH STAGE OF INSPECTION. A VERBAL APPROVAL WILL NOT BE ACCEPTABLE. INSPECTIONS ARE REQUIRED:
 - AFTER COMPLETION OF FINAL GRADING OF THE LOTS AND WHEN ALL UTILITY SERVICES AND SEWER LATERALS HAVE BEEN MARKED, BUT PRIOR TO DIGGING PLANT PITS. ALL FINAL STREET TREE LOCATIONS ARE TO BE SPOTTED IN THE FIELD BY THE STREET TREE INSPECTOR;
 - WHILE DIGGING PLANT PITS AND PLANTING/RELOCATING TREES;
 - AFTER PLANTING AND ALL OTHER INDICATED OR SPECIFIED WORK HAS BEEN COMPLETED, FOR START OF MAINTENANCE;
 - AT END OF THE MAINTENANCE PERIOD, THE CONTRACTOR/DEVELOPER SHALL CALL THE STREET TREE INSPECTOR AT (714) 351-6126 FOR A FINAL ACCEPTANCE INSPECTION IN ORDER TO BE RELEASED FROM MAINTENANCE. DEVELOPER'S BONDS WILL NOT BE RELEASED UNTIL AFTER RECEIPT OF WRITTEN NOTIFICATION FROM THE CITY THAT THE TREES PASS FINAL INSPECTION AND THE PARK AND RECREATION DEPARTMENT IS ASSUMING MAINTENANCE RESPONSIBILITIES.
 - ALL STREET TREES ARE TO BE PLANTED PRIOR TO OCCUPANCY.
 - THE DEVELOPER SHALL BE RESPONSIBLE TO ACCEPTABLY MAINTAIN ALL PLANTINGS FOR A MINIMUM PERIOD OF ONE (1) YEAR.
 - BOTH A STREET TREE RELOCATION/REMOVAL PERMIT AS ISSUED BY THE PARK AND RECREATION DEPARTMENT AND A STREET OPENING PERMIT AS ISSUED BY THE PUBLIC WORKS DEPARTMENT ARE REQUIRED PRIOR TO COMMENCEMENT OF TREE RELOCATION AND/OR REMOVAL WORK. FOR ALL EXISTING TREES WITHIN WHAT WILL ULTIMATELY BE THE PUBLIC RIGHT-OF-WAY PAVEMENT AREA, BACKFILL OF ALL HOLES MUST BE INSPECTED BY THE PUBLIC WORKS INSPECTOR FOR PROPER COMPACTION.
 - ALL STREET TREES MUST BE AUTOMATICALLY IRRIGATED, EXCEPT WHERE ADJACENT TO SINGLE FAMILY OR DUPLEX RESIDENTIAL USES.
 - IN THE INTEREST OF PUBLIC SAFETY AND MAINTENANCE, THE STREET TREE INSPECTOR SHALL HAVE THE AUTHORITY TO REVISE THE STREET TREE QUANTITIES AND LOCATIONS SHOWN ON APPROVED PLANS BASED UPON FIELD CONDITIONS FOUND AT THE TIME OF INSTALLATION OF THE TREES.

STREET NAME	BOTANICAL/COMMON NAME	MIN. SIZE	APPROX. SPACING	NO. REQD.
ARLINGTON AVE	MAGNOLIA / "MAJESTIC BEAUTY"	15 GAL	45'	3
ARLINGTON AVE	BUTIA CAPITATA / PALM			RELOCATE TO THE SPECIFICATIONS OF THE PARK & REC. DEPT. (1)

BENCH MARK
65-C FOUND CONC. MONUMENT DN. 17' W/ BRASS PIN
1/4" FROM WELL @ INTERSECT. OF ARLINGTON AVE. AND
PALOMAR WAY.
ELEVATION: 796.69

CITY OF RIVERSIDE WATER SYSTEM
Richard L. Dushak 1-28-91
APPROVED BY: DATE

SOUTHERN CALIFORNIA GAS COMPANY
Robert St. John 8-7-90
APPROVED BY: DATE

JN BEELER LAND SURVEYING AND MAPPING
6104 RIVERSIDE AVENUE SUITE 9
RIVERSIDE, CA 92506
(714) 882-2216

CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT
APPROVED BY: DATE BY: APPROVED BY: DATE
PRINCIPAL ENGINEER: 2/28/91
TRAFFIC DIVISION: 10/4/90
CHIEF P.W. ENGINEER: 2/28/91

CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT
APPROVED BY: DATE BY: APPROVED BY: DATE
PRINCIPAL ENGINEER: 2/28/91
TRAFFIC DIVISION: 10/4/90
CHIEF P.W. ENGINEER: 2/28/91

STREET PLAN AND PROFILE
ARLINGTON AVENUE
STA. 120+93.95 TO STA. 123+20.77
R-67-889 R-54-869 R-47-878
HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" = 2'
ACCOUNT NO. R-3164
SHEET 1 OF 2
89-338-01

PC-3132 -5&P

CONDUCTOR SCHEDULE

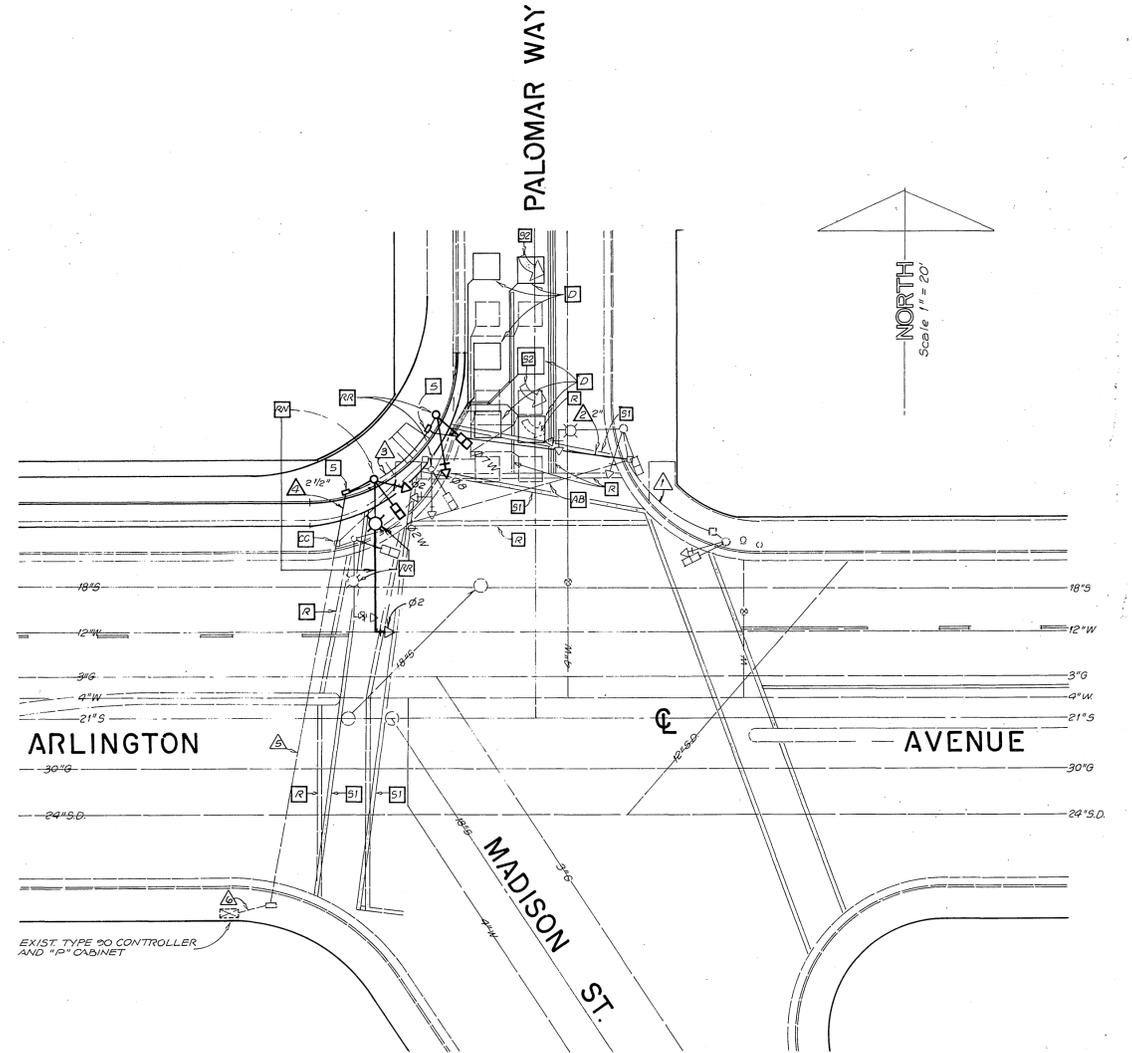
CONTROL FUNCTION	CONDUCTORS: SIZE INSULATION	CONDUIT RUN																		
		1	2	3	4	5	6	7	8	9	10									
VEHICLE Ø'S	#14 TW.																			
1 (FUTURE)		3	3	3	3		6	3	3	3										
2							6	3	3	3										3
7							3	3	3	3										
5 (FUTURE)							3	3	3	3										
6							3	3	3	3										
8							5	2	2	2										
PEDESTRIAN Ø'S																				
2		2	2				2													
7							4	2												
6							4	2	2	2										
8							4	2	2	2										2
PED/PUSH BUTTON																				
2		1	1	1			1													
7							1	1	1	1										
6							1	1	1	1	1	1	1	1	1	1	1	1	1	1
8		1	1	1	1		2	1	1	1	1	1	1	1	1	1	1	1	1	1
SPARES		3	3	3	3		6	3	3	3										3
12V COMMON		1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1
DET. CABLE	#12/2 PE.																			
1 (PRESENT ØØ)							1	1												
2		1	1	1	1		1													
7							2													
5 (PRESENT ØØ)							1	1	1	1	1	1	1	1	1	1	1	1	1	1
6							1													
8							3	3	3	1										1
120V COMMON		1	1	1	1		2	1	1	1	1	1	1	1	1	1	1	1	1	1
SIGNAL SERVICE	#10 TW.																			
LUMINAIRES	#8 TH.W.																			
INTERCONNECT (FUT.)																				
TOTALS	#14 TW.	10	10	13	25	2	56	23	21	21	2	11								
	#12/2 PE.	1	1	3	3	1	9	4	4	2	1	1								
	#10 TW.	1	1	1	1	1	2	1	1	1	1	1								
	#8 TH.W.	2	2	2			2	2	2											
EQUIV. #14		(14.5)	(25.1)	(28.1)	(40.1)	(5.0)	(86.0)	(41.1)	(40.1)	(33.1)	(5.0)	(15.5)								
CONDUIT SIZE		1 1/2"	2"	2"	2 1/2"	2"	3"	2"	2 1/2"	2 1/2"	2"	2"	2"							

TRAFFIC SIGNAL NOTES

- TRAFFIC SIGNAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE MOST CURRENT PROVISIONS OF SECTION 86 OF THE STANDARD SPECIFICATIONS, THE STANDARD PLANS, BOTH PUBLISHED BY THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS), THE CONSTRUCTION PLAN(S), AND AS DIRECTED BY THE CITY TRAFFIC ENGINEER.
- THIS TRAFFIC SIGNAL WORK REQUIRES A "STREET OPENING" PERMIT OBTAINED AT THE PUBLIC WORKS COUNTER ON THE THIRD FLOOR OF CITY HALL.
- CONTACT TRAFFIC SIGNAL MAINTENANCE AT (714) 782-5748, 48 HOURS IN ADVANCE TO SCHEDULE INSPECTION OF THE WORK PERFORMED. INSPECTION FEE FOR TRAFFIC SIGNAL MODIFICATIONS WILL BE AT THE RATE OF \$29.35 PER HOUR.
- ALL EQUIPMENT AND LOOP LOCATIONS SHALL BE APPROVED BY THE TRAFFIC ENGINEER OR HIS DESIGNATED REPRESENTATIVE PRIOR TO INSTALLATION BY THE CONTRACTOR.
- DETECTOR LOOPS SHALL BE INSTALLED IN THE PRESENCE OF THE CITY TRAFFIC ENGINEER'S REPRESENTATIVE. ALL LOOPS SHALL BE 6' X 6'. SLOTS FOR THE DETECTOR LOOPS SHALL BE CUT TO A DEPTH THAT WILL PROVIDE FOR A 1" COVER OVER THE CONDUCTORS.
- DETECTOR LOOP LEAD-IN CABLE SHALL BE TYPE B.
- CONDUIT SHALL BE RIGID METALLIC CONDUIT. INTERMEDIATE METALLIC CONDUIT IS NOT ALLOWED.
- PIPE MID-TENONS FOR MAST ARM MOUNTING (ENDS) SHALL BE PERPENDICULAR TO THE ARM.
- CONDUCTORS FOR EACH DETECTOR LOOP SHALL BE TYPE 1.; LEAD-IN CABLE SHALL BE TYPE B.

CONSTRUCTION NOTES

- RR** REMOVE AND REUSE EQUIPMENT. EXISTING SIGNAL FOUNDATION BASE TO BE COMPLETELY REMOVED.
- 5** INSTALL NEW #5 PULLBOX.
- D** INSTALL NEW DETECTOR LOOPS.
- CC** CONNECT NEW AND EXIST. CONDUIT. REMOVE EXIST. CONDUCTORS AND INSTALL NEW CONDUCTORS. NO SPLICING ALLOWED. CONTRACTOR TO INSTALL NEW CONDUCTORS FROM EXIST. CONTROLLER AND "P" CABINET TO SIGNAL POLE ON N.E. COR. OF PALOMAR AND ARLINGTON. REF. CONDUIT RUN **Δ-Δ**
- RN** REMOVE EXISTING SIGNAL EQUIPMENT, POLE AND FOUNDATION (FOUNDATION BASE TO BE COMPLETELY REMOVED). INSTALL NEW POLE, 24-4-80, 15' LA, 35' SA, NEW SIGNAL EQUIPMENT AND RELOCATE EXISTING LUMINAIRE.
- AB** ABANDON IN PLACE AND REMOVE CONDUCTORS.
- Δ** INDICATES CONDUITOR RUN. REFER TO CONDUCTOR SCHEDULE FOR SIZE, TYPE AND NUMBER OF REQUIRED CONDUCTORS. NEW CONDUCTORS SHALL BE PULLED FROM THE CONTROLLER. NO SPLICING ALLOWED.
- #** INDICATES CONDUIT SIZE
- R** REMOVE EXIST. PAVEMENT MARKINGS BY WET SANDBLASTING.
- S1** PROP. CROSSWALK STRIPING - 12" WIDE, WHITE
- S2** PROP. LEFT TURN ARROW - WHITE



SEE TRAFFIC FOR ORIGINAL

JUNBELER LAND SURVEYING AND MAPPING
and associates
6104 RIVERSIDE AVENUE SUITE B
RIVERSIDE, CA. 92506
(714) 682-2216

PLANS PREPARED UNDER THE SUPERVISION OF:
Paul W. Mealy DATE 7/27/90
R.C.E. 426421 EXP. 3/31/92

MARK DESIGNED BY *LLH* DRAWN BY *EB* CHECKED BY *LLH*

REVISIONS

APPR. DATE

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY	DATE	BY
PRINCIPAL ENGINEER	2/28/91	<i>JL</i>
TRAFFIC DIVISION	3/31/91	<i>JL</i>
CHIEF P.W. ENGINEER	2/28/91	<i>MLG</i>
	2/28/91	<i>MLG</i>

DATE 3/1/91

ARLINGTON AVE. / PALOMAR WAY
TRAFFIC SIGNAL RELOCATION

HORIZ. SCALE: 1"=20' VERT. SCALE: 1"=NONE

ACCOUNT NO.
(X-400A)
R-3164

SHEET 2 OF 2

INDEXED 3-8-91

