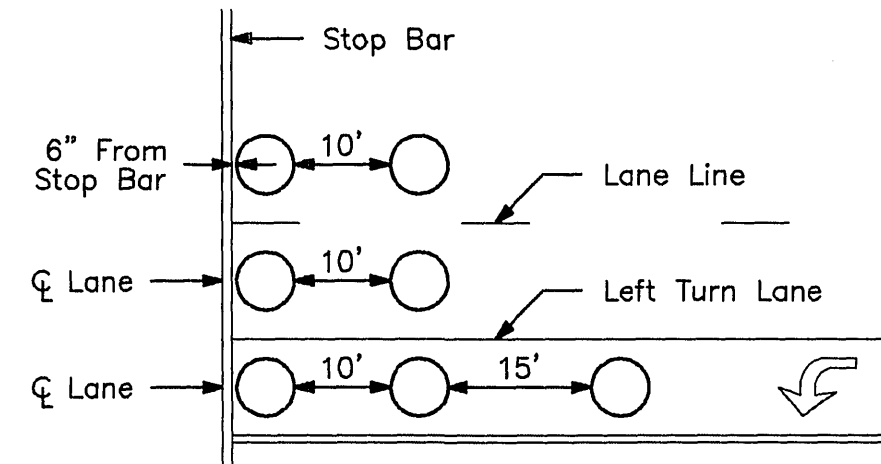


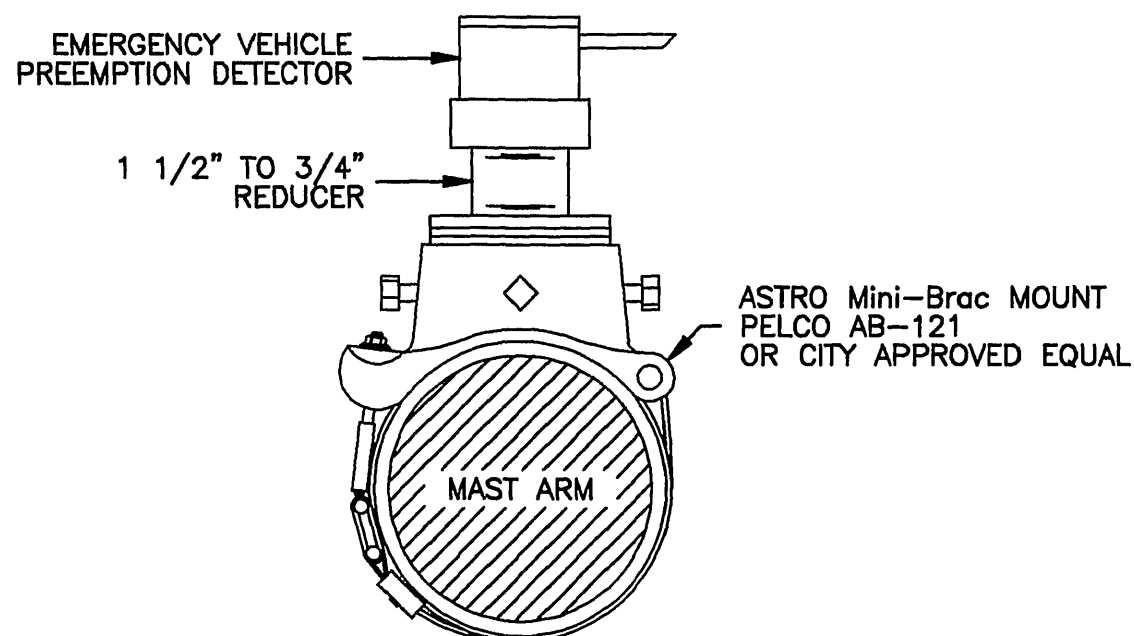
EQUIPMENT SCHEDULE										
NO.	SIGNAL STANDARD TYPE	H.GHT.	M.A.	LUMINAIRE M.A. H.P.S.V.	I.I.S.N.S. LEGEND	SIGNAL MOUNTINGS			PPB PHASE	REMARKS
						VEHICLE	PEDESTRIAN	AUDIBLE		
(A)	1A	10'				TV-1-T	SP-1-T	((P))	4	
(B)	24-4-80	30'	35'	12'	200W California AVE 8200	MAS				
						MAS				
						SV-1-T	SP-1-T	((C))	2	
(C)	1A	10'				TV-1-T	SP-1-T	((C))	2	
(D)	23-4-80	30'	35'		Adams ST 4100	MAS				
						MAS				
						SV-1-T	SP-1-T	((P))	8	
(E)	1A	10'				TV-1-T	SP-1-T	((P))	8	REUSE EXISTING FOUNDATION
(F)	24-4-80	30'	35'	12'	200W California AVE 8200	MAS				
						MAS				
						SV-1-T	SP-1-T	((C))	6	
(G)	1A	10'				TV-1-T	SP-1-T	((C))	6	
(H)	24-4-80	30'	35'	12'	200W Adams ST 4200	MAS				
						MAS				
						SV-1-T	SP-1-T	((P))	4	

- NOTES:**
- ALL EQUIPMENT SHOWN ON THIS SCHEDULE SHALL BE NEW.
 - ALL VEHICULAR HEADS SHALL HAVE 12" LENSES.
 - ALL LEFT TURN HEADS SHALL HAVE ALL ARROWS.
 - LUMINAIRES SHALL BE HIGH PRESSURE SODIUM VAPOR.
 - ((C)) OR ((P)) INDICATES AUDITORY PEDESTRIAN SIGNAL TO BE INSTALLED. ((C)) INDICATES CUCKOO SOUND; ((P)) INDICATES PEEP-PEEP SOUND.
 - PEDESTRIAN PUSH BUTTONS SHALL BE INSTALLED ON THE POLE IN THE QUADRANT NEAREST THE CROSSWALK SERVING THE PHASE.
 - FOUNDATIONS NOT TO BE REUSED SHALL BE COMPLETELY REMOVED.



Loops shall be 6' diameter, centered in interior lanes, and installed 3' from lane lines in outside lanes

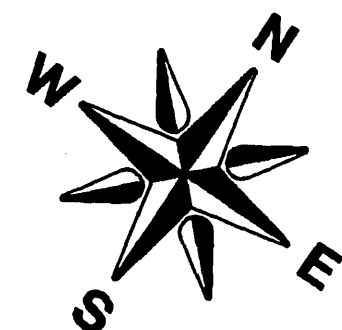
DETECTOR LOOP INSTALLATION DETAIL



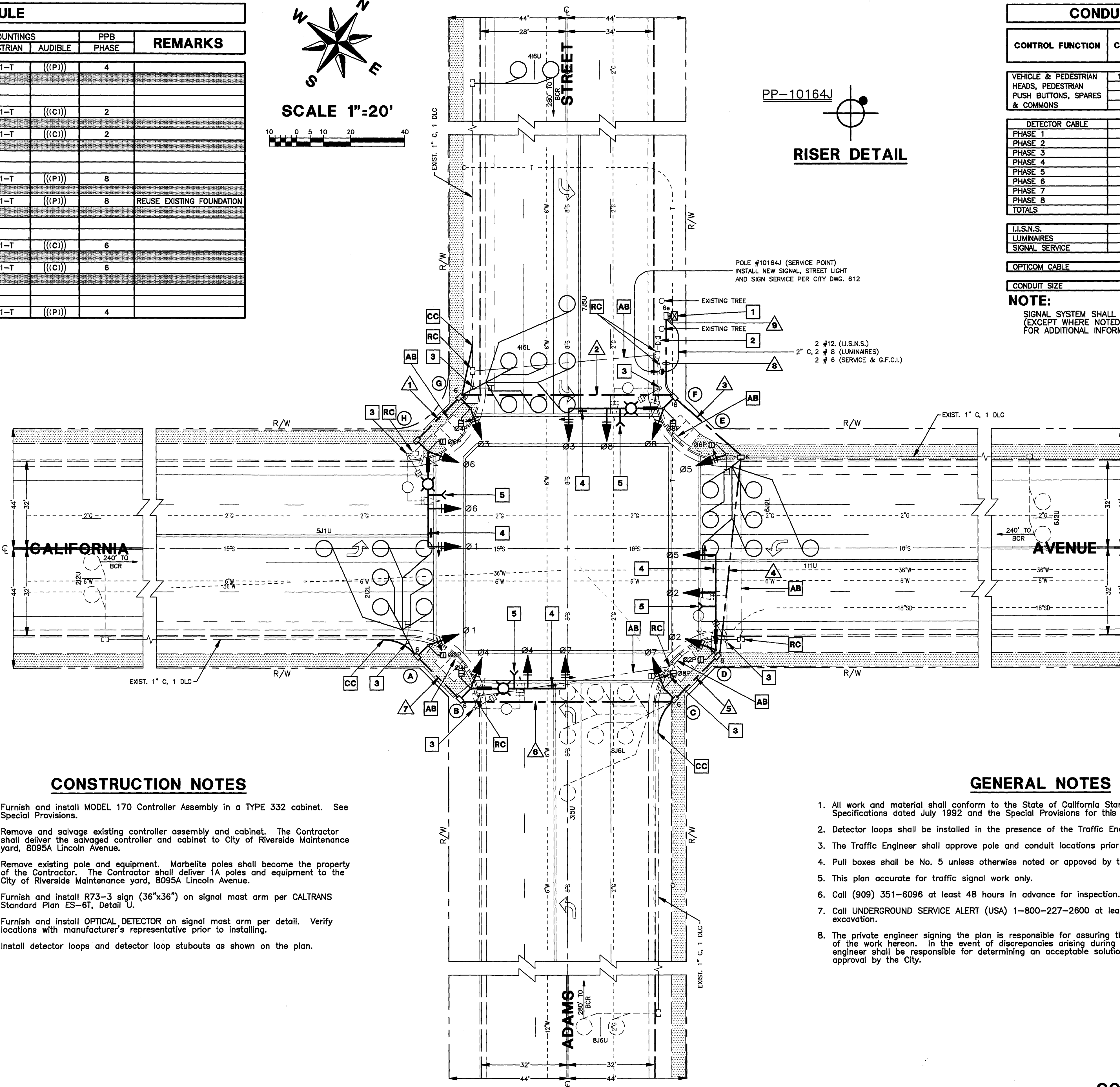
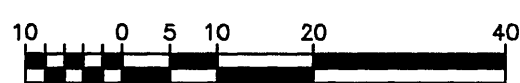
MAST-ARM MOUNTING CLAMP FOR OPTICAL DETECTOR

CONSTRUCTION NOTES

- Furnish and install MODEL 170 Controller Assembly in a TYPE 332 cabinet. See Special Provisions.
- Remove and salvage existing controller assembly and cabinet. The Contractor shall deliver the salvaged controller and cabinet to City of Riverside Maintenance yard, 8095A Lincoln Avenue.
- Remove existing pole and equipment. Marbelite poles shall become the property of the Contractor. The Contractor shall deliver 1A poles and equipment to the City of Riverside Maintenance yard, 8095A Lincoln Avenue.
- Furnish and install R73-3 sign (36"x36") on signal mast arm per CALTRANS Standard Plan ES-6T, Detail U.
- Furnish and install OPTICAL DETECTOR on signal mast arm per detail. Verify locations with manufacturer's representative prior to installing.
- Install detector loops and detector loop stubouts as shown on the plan.



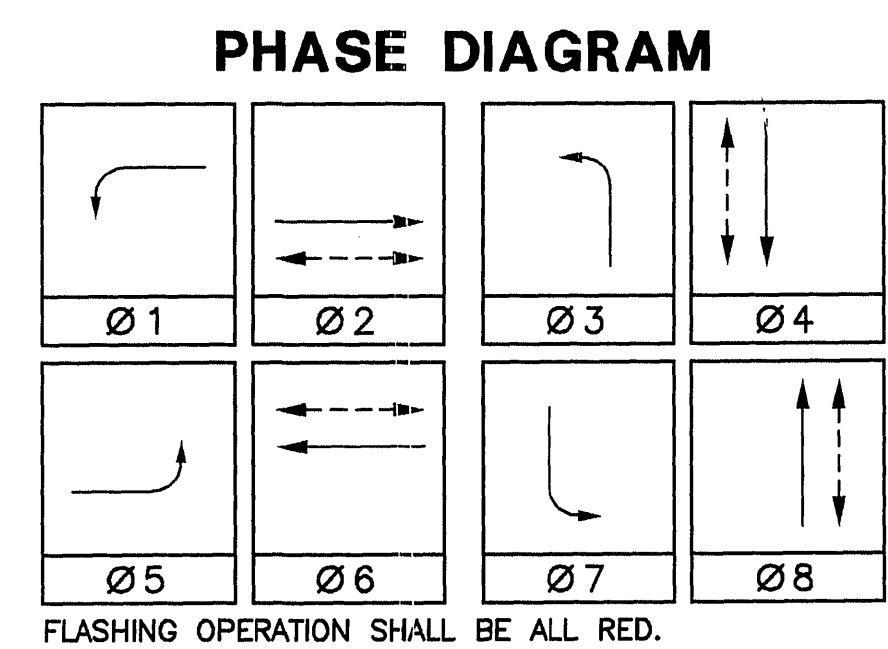
SCALE 1"=20'



RISER DETAIL

CONDUCTOR TABLE										
CONTROL FUNCTION	CONDUCTORS	CONDUCTOR RUNS								
		1	2	3	4	5	6	7	8	
VEHICLE & PEDESTRIAN HEADS, PEDESTRIAN PUSH BUTTONS, SPARES & COMMONS	12 WIRE IMSA 9 WIRE IMSA 5 WIRE IMSA 3 WIRE IMSA	1	1	2	2	1	1	-	4	4
DETECTOR CABLE	#16/2	-	-	-	-	-	-	-	-	-
PHASE 1		-	1	-	-	-	-	-	-	1
PHASE 2		-	2	2	2	2	2	2	2	2
PHASE 3		-	1	1	1	1	1	1	1	1
PHASE 4		-	2	-	-	-	-	-	-	2
PHASE 5		-	1	1	1	1	1	1	1	1
PHASE 6		-	2	-	-	-	-	-	-	2
PHASE 7		-	1	-	-	-	-	-	-	1
PHASE 8		-	2	2	2	2	2	2	2	2
TOTALS		-	3	9	6	6	3	3	12	12
I.I.S.N.S.	#12	2	2	2	2	2	2	-	2	-
LUMINAIRES	#8	2	2	2	2	2	2	-	2	-
SIGNAL SERVICE	#6	-	-	-	-	-	-	-	-	2
OPTICOM CABLE		1	1	2	2	1	1	-	4	4
CONDUIT SIZE		2.5"	3"	3.5"	3.5"	3"	3"	2.5"	2-3"	2-3"

NOTE: SIGNAL SYSTEM SHALL HAVE ALL NEW CONDUITS, CABLES AND CONDUCTORS (EXCEPT WHERE NOTED ON THE PLAN); SEE CONTRACT SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION ON I.M.S.A. CABLE.



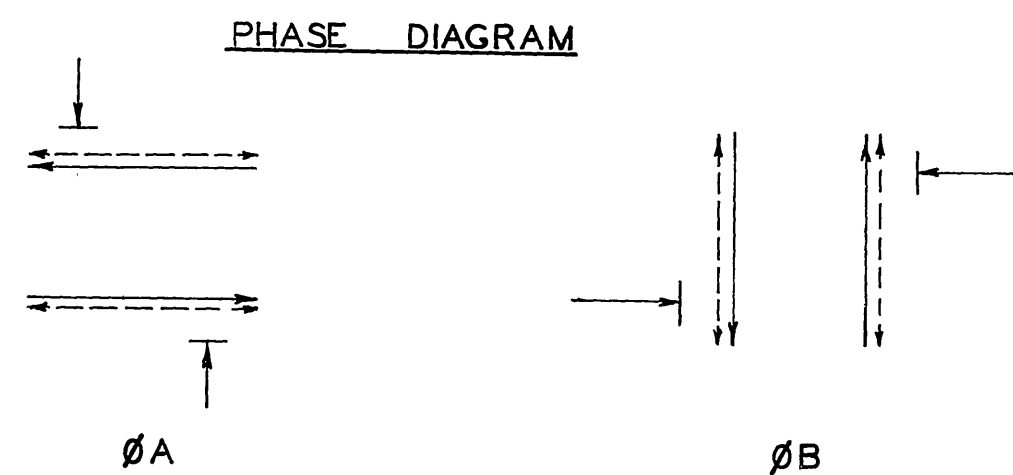
FLASHING OPERATION SHALL BE ALL RED.

GENERAL NOTES

- All work and material shall conform to the State of California Standard Plans and Standard Specifications dated July 1992 and the Special Provisions for this project.
- Detector loops shall be installed in the presence of the Traffic Engineer or his representative.
- The Traffic Engineer shall approve pole and conduit locations prior to installation by Contractor.
- Pull boxes shall be No. 5 unless otherwise noted or approved by the Traffic Engineer.
- This plan accurate for traffic signal work only.
- Call (909) 351-6096 at least 48 hours in advance for inspection.
- Call UNDERGROUND SERVICE ALERT (USA) 1-800-227-2600 at least 2 working days prior to excavation.
- The private engineer signing the plan 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 plan for approval by the City.

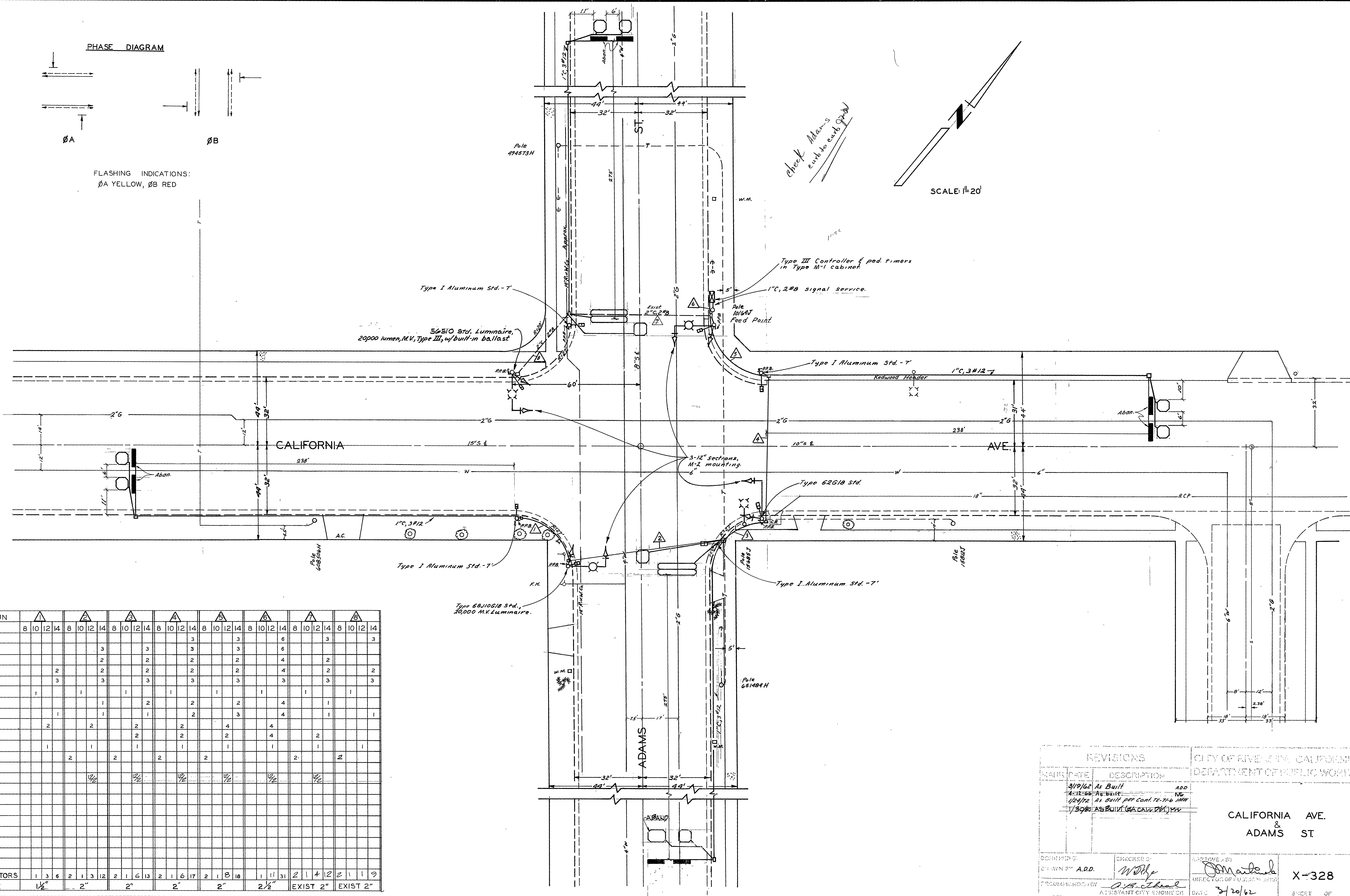
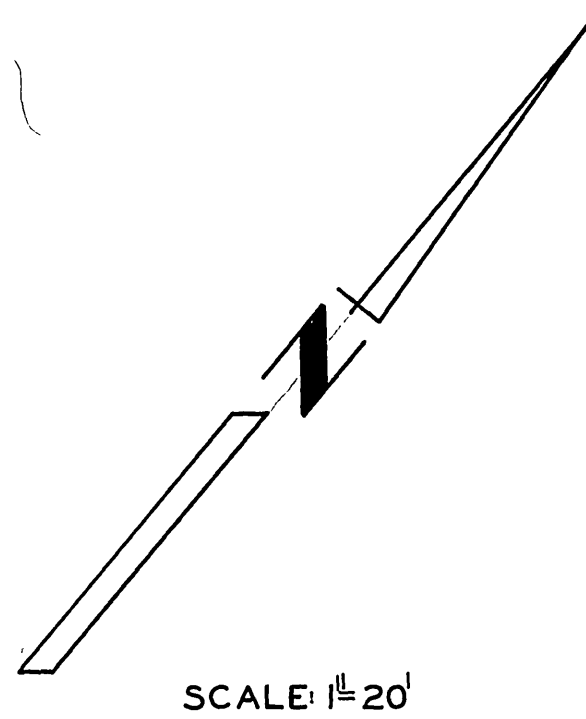
CONTRACT TE-98-3

	<p>ENGINEER IN RESPONSIBLE CHARGE: Lawrence S. Eisenhart LAWRENCE S. EISENHART RCE NO. 13493 EXPIRATION DATE: 3-31-01 DATE: <i>ulc/lee</i></p>	<p>LAWRENCE S. EISENHART CONSULTING ENGINEER 2070 Locust Court San Bernardino, California 92404 Tel: (909) 864-5406 Fax: (909) 864-5047</p>	<p>CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS</p>	<p>APPROVED BY: <i>R.M. Brath</i> PRINCIPLE ENGINEER P.W. INSPECTION TRAFFIC DIVISION CHIEF P.W. ENGINEER PUBLIC UTILITIES</p>	<p>APPROVED BY: <i>R.M. Brath</i> DIRECTOR OF PUBLIC WORKS DATE: 4-22-99</p>	<p>TRAFFIC SIGNAL MODIFICATION PLAN CALIFORNIA AVENUE and ADAMS STREET SCALE: 1"=20'</p>	<p>ACCT. NO. 430-541600-440303-35093 X-328 SHEET 1 OF 1 FILE NAME: X328.DWG</p>



FLASHING INDICATIONS:
ØA YELLOW, ØB RED

*check Adams
cut to end of post*



CONDUCTOR RUN	A				B				C				D				E				F				G				H											
CONDUCTORS	8	10	12	14	8	10	12	14	8	10	12	14	8	10	12	14	8	10	12	14	8	10	12	14	8	10	12	14	8	10	12	14	8	10	12	14	8	10	12	14
ØA																																								
ØB																																								
ØA W-DW																																								
ØB W-DW																																								
SPARES																																								
120V. NEUTRAL																																								
ØA PPB																																								
ØB PPB																																								
ØA DET																																								
ØB DET																																								
12V NEUTRAL																																								
LUMINAIRES																																								
ØA CAV. DET.																																								
TOTAL CONDUCTORS	1	3	6	2	1	3	6	2	2	1	6	13	2	1	6	17	2	1	6	18	1	1	3	1	2	1	4	2	2	1	1	1	9							
CONDUIT SIZE	1 1/2"	2"			2"				2"				2"				2 1/2"				EXIST 2"	EXIST 2"																		

REVISIONS		CITY OF ANNE ARBOR, CALIFORNIA DEPARTMENT OF PUBLIC WORKS	
NO.	DATE	DESCRIPTION	ADD.
3/19/62		As Built	ADD
4-12-66		As Built	NO
1/24/62		As built per Cont. 15-716 MW	
7/30/60		AS BUILT (AS CALL DET.)	

**CALIFORNIA AVE.
&
ADAMS ST.**

DESIGNED BY ADD.	CHECKED BY W.D.H.	APPROVED BY D. Maitland
DATE 3/20/62	ASSISTANT CITY ENGINEER	DATE 3/20/62

X-328