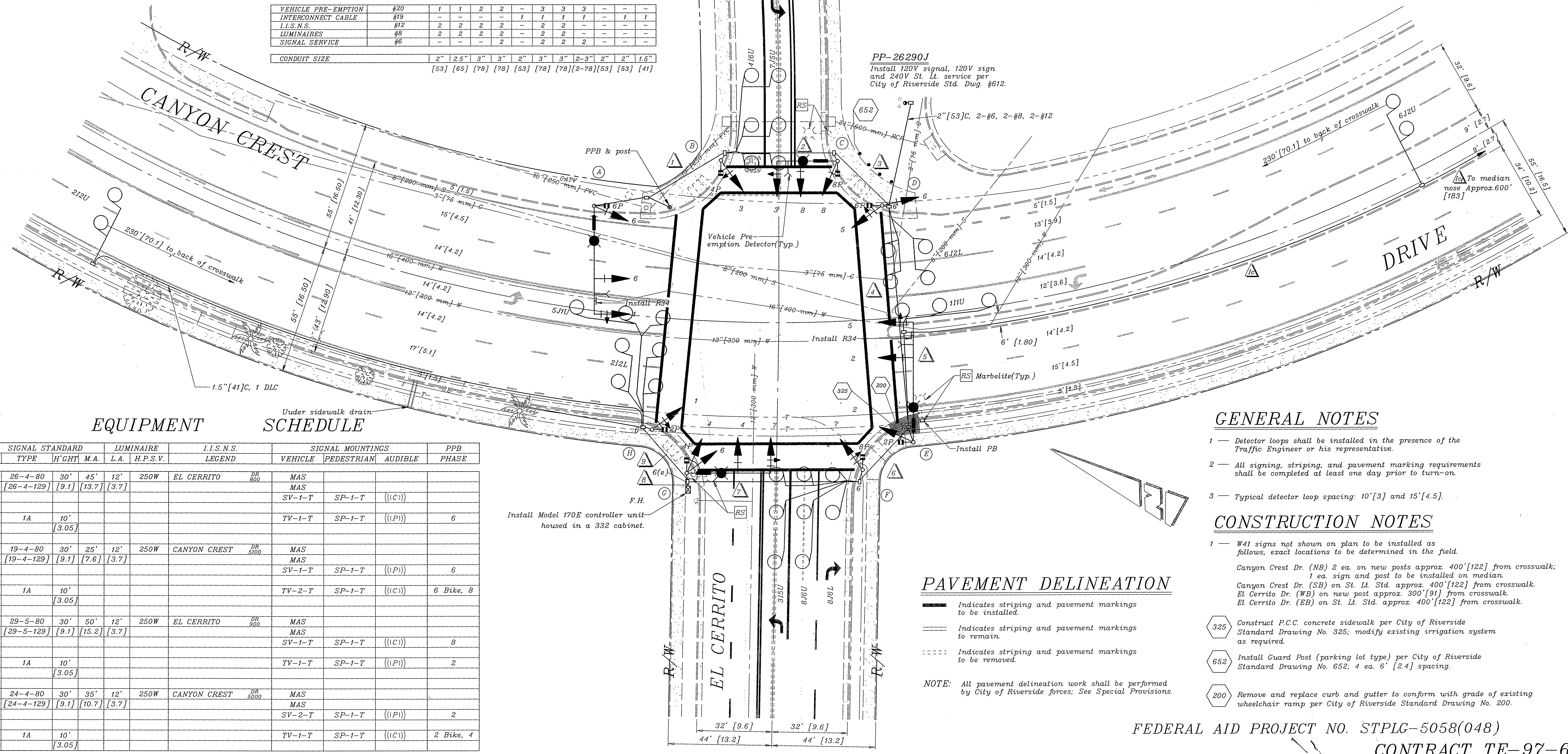
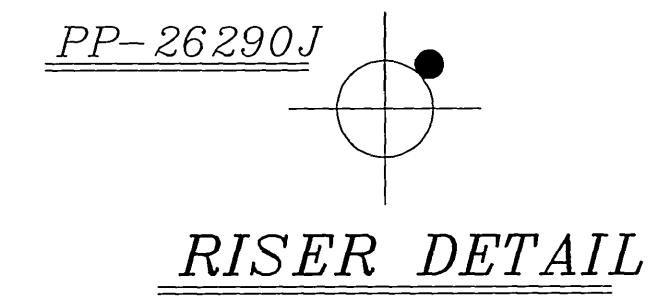
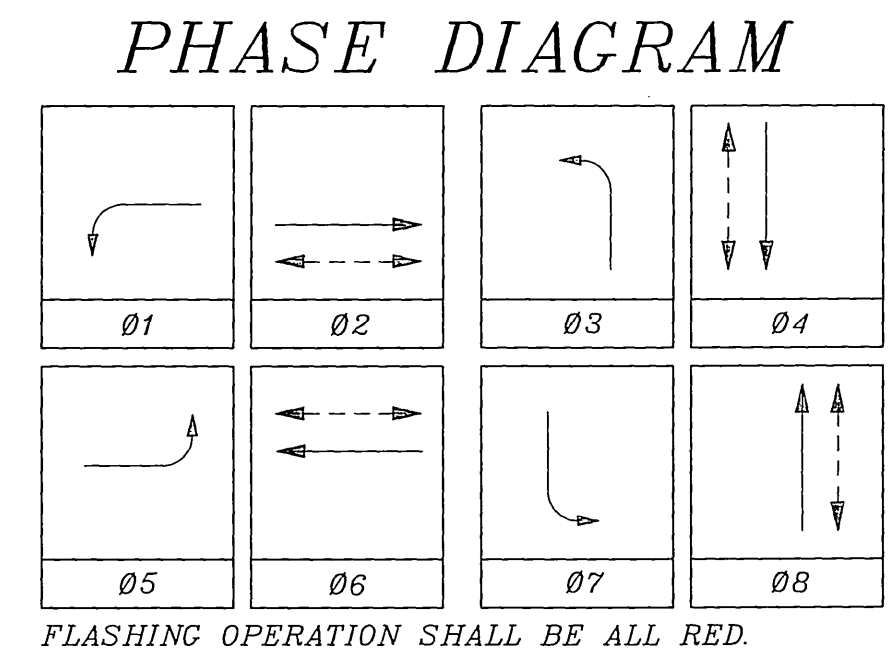


CONDUCTOR		TABLE																			
CONTROL FUNCTION	CONDUCTORS	RUNS																			
		1	2	3	4	5	6	7	8	9	10										
VEHICLE & PEDESTRIAN HEADS, PEDESTRIAN PUSH BUTTONS, SPARES & COMMONS	12 WIRE 9 WIRE 5 WIRE 3 WIRE	1	1	2	3	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5
DETECTOR CABLE	#16/2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PHASE 1		-	-	-	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
PHASE 2		-	-	-	-	-	-	-	-	2	2	2	2	2	2	2	2	2	2	2	2
PHASE 3		-	-	-	-	-	-	-	-	1	1	1	1	1	1	1	1	1	1	1	1
PHASE 4		-	-	-	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
PHASE 5		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PHASE 6		-	-	-	-	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2
PHASE 7		-	-	-	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
PHASE 8		-	-	-	-	-	-	-	-	2	2	2	2	2	2	2	2	2	2	2	2
VEHICLE PRE-EMPTION	#20	1	1	2	2	-	3	3	3	-	-	-	-	-	-	-	-	-	-	-	-
INTERCONNECT CABLE	#19	-	-	-	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
I.L.S.N.S.	#12	2	2	2	2	-	2	2	2	-	-	-	-	-	-	-	-	-	-	-	-
LUMINAIRES	#8	2	2	2	2	-	2	2	2	-	-	-	-	-	-	-	-	-	-	-	-
SIGNAL SERVICE	#6	-	-	-	-	2	2	2	2	-	-	-	-	-	-	-	-	-	-	-	-
CONDUIT SIZE		2"	2.5"	3"	3"	2"	3"	3"	2-3"	2"	2"	1.5"									
		[53]	[65]	[78]	[78]	[53]	[78]	[78]	[2-78]	[53]	[53]	[41]									



SIGNAL STANDARD		LUMINAIRE		I.I.S.N.S.		SIGNAL MOUNTINGS			PPB	
NO.	TYPE	H'CHT	M.A.	L.A.	H.P.S.V.	LEGEND	VEHICLE	PEDESTRIAN	AUDIBLE	PHASE
(A)	26-4-80 [26-4-129]	30' [9.1]	45' [13.7]	12' [3.7]	250W	EL CERRITO	MAS MAS			
(B)	1A	10' [3.05]					TV-1-T	SP-1-T	((I(P))	6
(C)	19-4-80 [19-4-129]	30' [9.1]	25' [7.6]	12' [3.7]	250W	CANYON CREST	MAS MAS			
(D)	1A	10' [3.05]					TV-2-T	SP-1-T	((I(C))	6 Bike, 8
(E)	29-5-80 [29-5-129]	30' [9.1]	50' [15.2]	12' [3.7]	250W	EL CERRITO	MAS MAS			
(F)	1A	10' [3.05]					TV-1-T	SP-1-T	((I(P))	2
(G)	24-4-80 [24-4-129]	30' [9.1]	35' [10.7]	12' [3.7]	250W	CANYON CREST	MAS MAS			
(H)	1A	10' [3.05]					TV-1-T	SP-1-T	((I(C))	2 Bike, 4

- GENERAL NOTES**
- Detector loops shall be installed in the presence of the Traffic Engineer or his representative.
  - All signing, striping, and pavement marking requirements shall be completed at least one day prior to turn-on.
  - Typical detector loop spacing: 10'[3] and 15'[4.5].
- CONSTRUCTION NOTES**
- W41 signs not shown on plan to be installed as follows, exact locations to be determined in the field.  
Canyon Crest Dr. (NB) 2 ea. on new posts approx. 400'[122] from crosswalk; 1 ea. sign and post to be installed on median.  
Canyon Crest Dr. (SB) on St. Lt. Std. approx. 400'[122] from crosswalk.  
El Cerrito Dr. (WB) on new post approx. 300'[91] from crosswalk.  
El Cerrito Dr. (EB) on St. Lt. Std. approx. 400'[122] from crosswalk.
  - Construct P.C.C. concrete sidewalk per City of Riverside Standard Drawing No. 325; modify existing irrigation system as required.
  - Install Guard Post (parking lot type) per City of Riverside Standard Drawing No. 652; 4 ea. 6' [2.4] spacing.
  - Remove and replace curb and gutter to conform with grade of existing wheelchair ramp per City of Riverside Standard Drawing No. 200.

**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 work shall be performed by City of Riverside forces; See Special Provisions.

- NOTES:**
- ALL VEHICULAR HEADS SHALL HAVE 12" (300 mm) LENSES.
  - ALL LEFT TURN HEADS SHALL HAVE ALL ARROWS.
  - ((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.

**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 void. For your Dig Alert ID Number call CALL TOLL FREE 1-800-227-2600

TWO WORKING DAYS BEFORE YOU DIG UNDERGROUND SERVICE ALERT

**ENGINEER IN RESPONSIBLE CHARGE**  
Richard D. McGrath  
R.C.E. No. 31952 expires 12-31-2000  
DATE: 1-6-98

**REGISTERED PROFESSIONAL ENGINEER**  
No. 31952  
Exp. 12-31-2000  
CIVIL  
STATE OF CALIFORNIA

CITY OF RIVERSIDE, CALIFORNIA  
DEPARTMENT OF PUBLIC WORKS

APPROVED BY: [Signature]  
PRINCIPAL ENGINEER  
DATE: 1/6/98

APPROVED BY: [Signature]  
DIRECTOR OF PUBLIC WORKS  
DATE: 1-6-98

DESIGNED BY: [Signature] DRAWN BY: MAC CHECKED BY: [Signature]

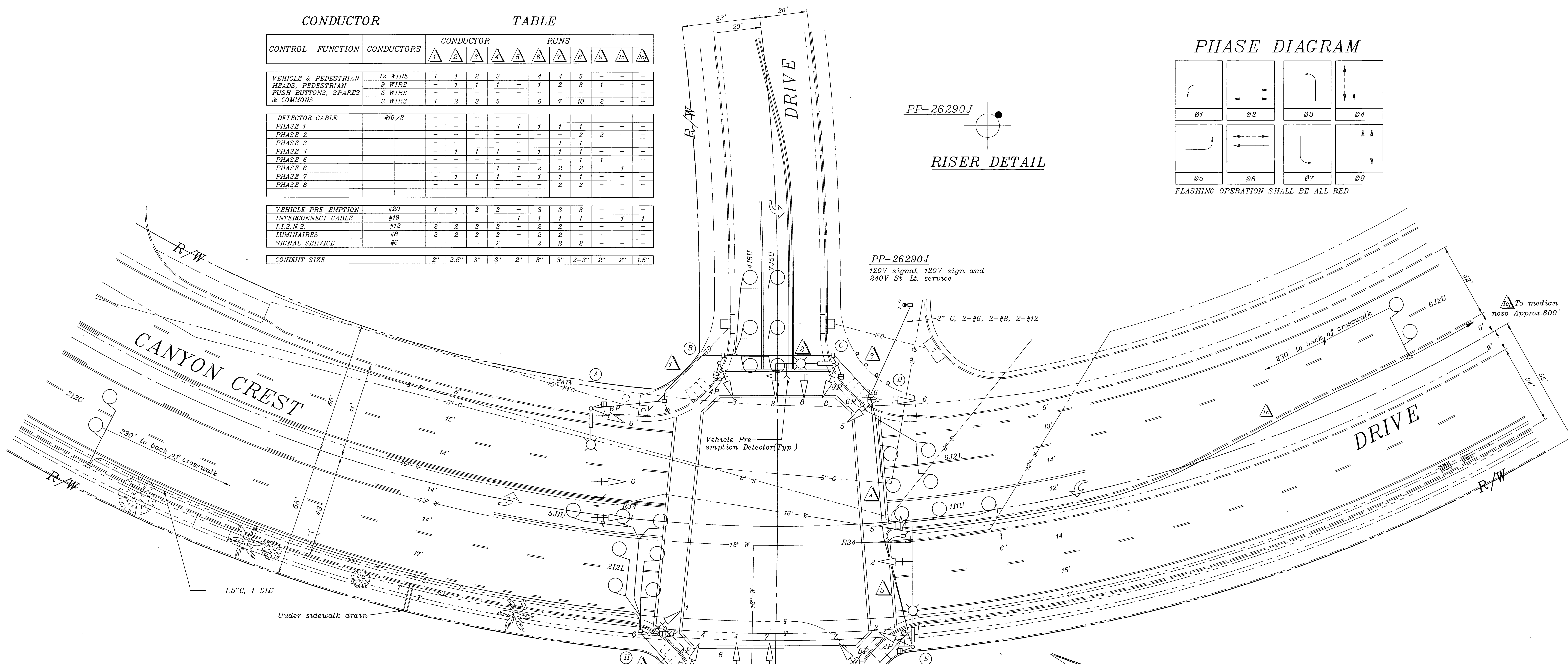
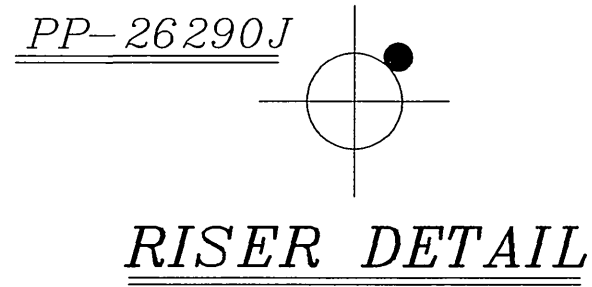
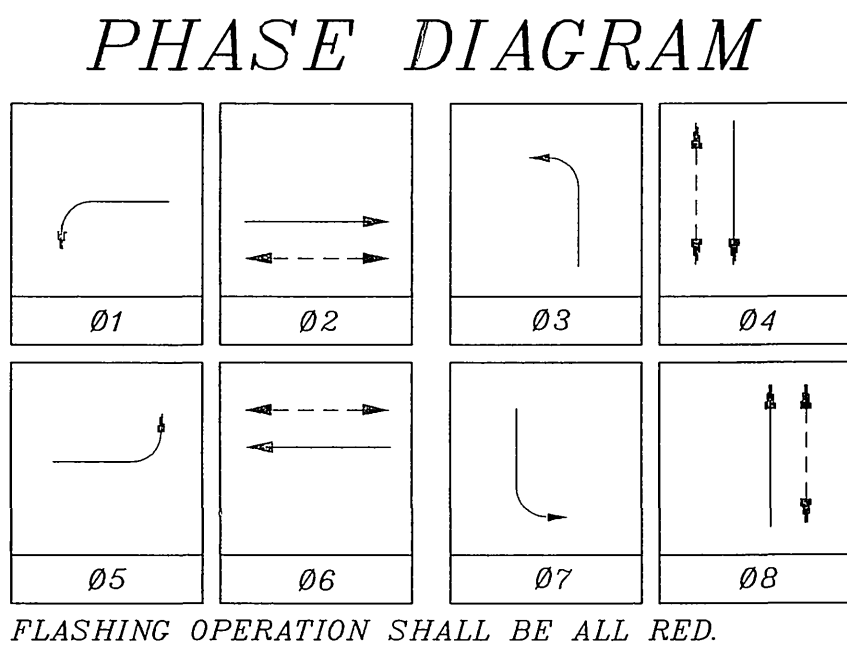
FEDERAL AID PROJECT NO. STPLG-5058(048)  
CONTRACTOR'S LICENSE REQUIREMENTS "A" OR "C-10" CONTRACT TE-97-6

TRAFFIC SIGNAL  
**CANYON CREST DR.**  
@  
**EL CERRITO DR.**

ACCT. NO. 0430-541600-440125-35079  
**X-389**  
SHEET 1 OF 1  
FILE NAME: X389.DWG

SCALE: 1" [25.4mm] = 20' [6.096mm]

CONTROL FUNCTION	CONDUCTORS	CONDUCTOR TABLE											
		CONDUCTOR						RUNS					
		1	2	3	4	5	1	2	3	4	5	6	
VEHICLE & PEDESTRIAN HEADS, PEDESTRIAN PUSH BUTTONS, SPARES & COMMONS	12 WIRE 9 WIRE 5 WIRE 3 WIRE	1	1	2	3	-	4	4	5	-	-	-	
DETECTOR CABLE	#16/2	-	-	-	-	-	-	-	-	-	-	-	
PHASE 1		-	-	-	1	1	1	1	1	-	-	-	
PHASE 2		-	-	-	-	-	-	2	2	2	-	-	
PHASE 3		-	-	-	-	-	1	1	1	-	-	-	
PHASE 4		-	1	1	1	-	1	1	1	-	-	-	
PHASE 5		-	-	-	-	-	1	1	1	-	-	-	
PHASE 6		-	-	1	1	2	2	2	2	1	-	-	
PHASE 7		-	1	1	1	-	1	1	1	-	-	-	
PHASE 8		-	-	-	-	-	2	2	2	-	-	-	
VEHICLE PRE-EMPTION	#20	1	1	2	2	-	3	3	3	-	-	-	
INTERCONNECT CABLE	#19	-	-	-	-	1	1	1	1	1	1	1	
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	2	2	-	-	-	
CONDUIT SIZE		2"	2.5"	3"	3"	2"	3"	3"	2-3"	2"	2"	1.5"	



EQUIPMENT SCHEDULE

NO.	SIGNAL STANDARD TYPE	H'CHT	M.A.	LUMINAIRE		I.I.S.N.S. LEGEND	SIGNAL MOUNTINGS			PPB PHASE
				L.A.	H.P.S.V.		VEHICLE	PEDESTRIAN	AUDIBLE	
(A)	26-4-80	30'	45'	12'	250W	EL CERRITO DR 800	MAS			
							MAS			
							SV-1-T	SP-1-T	((C1))	
(B)	1A	10'					TV-1-T	SP-1-T	((P1))	6
		[3.05]								
(C)	19-4-80	30'	25'	12'	250W	CANYON CREST DR 5100	MAS			
							MAS			
							SV-1-T	SP-1-T	((P1))	6
(D)	1A	10'					TV-2-T	SP-1-T	((C1))	6 Bike, 8
(E)	29-5-80	30'	50'	12'	250W	EL CERRITO DR 900	MAS			
							MAS			
							SV-1-T	SP-1-T	((C1))	8
(F)	1A	10'					TV-1-T	SP-1-T	((P1))	2
(G)	24-4-80	30'	35'	12'	250W	CANYON CREST DR 5000	MAS			
							MAS			
							SV-2-T	SP-1-T	((P1))	2
(H)	1A	10'					TV-1-T	SP-1-T	((C1))	2 Bike, 4

F.H.  
Model 170E controller unit housed in a 332 cabinet.

CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS				TRAFFIC SIGNAL CANYON CREST DR. @ EL CERRITO DR.		ACCT. NO. <b>X-389</b>
APPROVED BY	BY	DATE	APPROVED BY	SHEET 1 OF 1		
PRINCIPAL ENGINEER			DIRECTOR OF PUBLIC WORKS	FILE NAME: X389AS.DWG		
AS-BUILT PER TE-97-06	MAC	2/03		SCALE: 1" = 20'		
MARK	REVISIONS	APPR	DATE			
DESIGNED BY: MAC	DRAWN BY: MAC	CHECKED BY:				