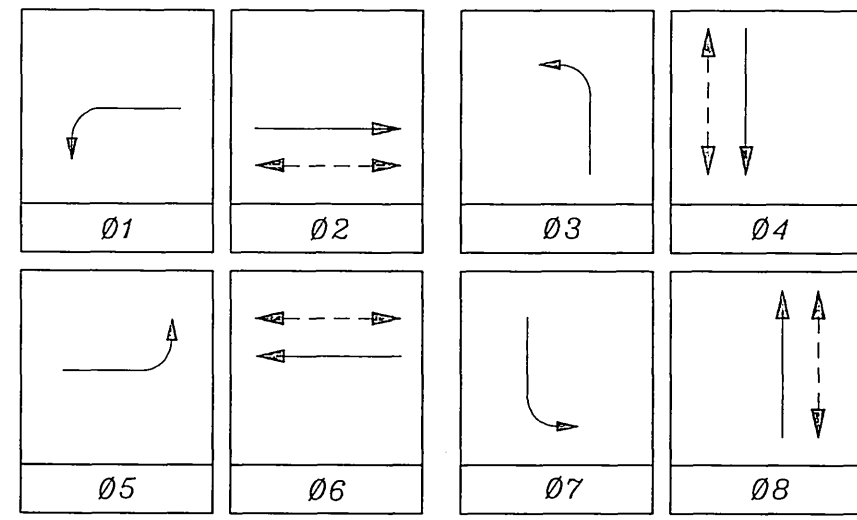
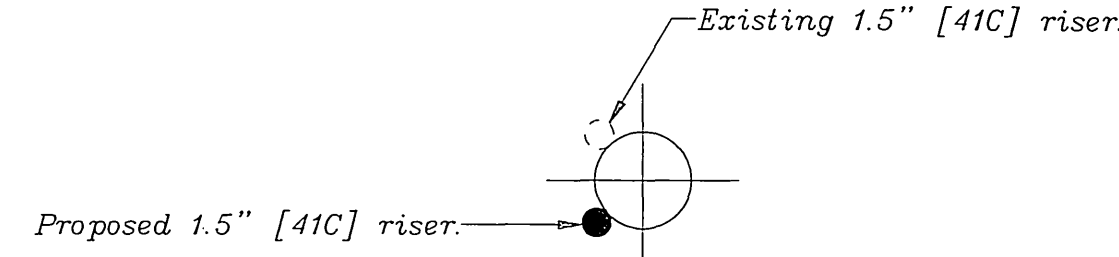


PHASE DIAGRAM



FLASHING OPERATION SHALL BE ALL RED.

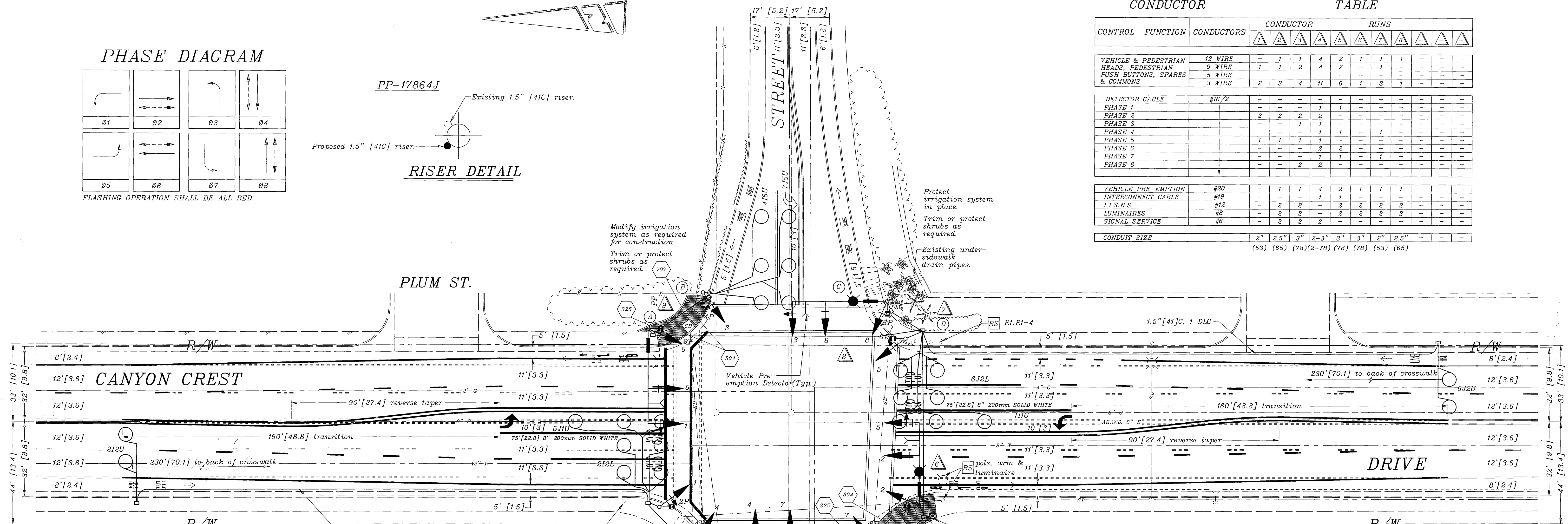
PP-17864J



RISER DETAIL

CONDUCTOR TABLE

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



EQUIPMENT

SCHEDULE

NO.	SIGNAL STANDARD TYPE	H'GHT	M.A.	LUMINAIRE L.A.	H.P.S.V.	I.I.S.N.S. LEGEND	SIGNAL MOUNTINGS VEHICLE	SIGNAL MOUNTINGS PEDESTRIAN	SIGNAL MOUNTINGS AUDIBLE	PPB PHASE
(A)	23-4-80	30'	35'	12'		LINDEN	MAS			
	[23-4-129]	[9.1]	[10.7]	[3.7]			MAS			4
							SV-1-T	SP-1-T	((C1))	
(B)	1A	10'					TV-1-T	SP-1-T	((P1))	4 Bike, 6
		[3.05]								
(C)	24-4-80	30'	35'	12'	250W	CANYON CREST	MAS			
	[24-4-129]	[9.1]	[10.7]	[3.7]			MAS			6
							SV-1-T	SP-1-T	((P1))	
(D)	1A	10'					TV-1-T	SP-1-T	((C1))	6 Bike, 8
		[3.05]								
(E)	24-4-80	30'	35'	12'	250W	LINDEN	MAS			
	[24-4-129]	[9.1]	[10.7]	[3.7]			MAS			8
							SV-1-T	SP-1-T	((C1))	
(F)	1A	10'					TV-1-T	SP-1-T	((P1))	2
		[3.05]								
(G)	26-4-80	30'	40'	12'	250W	CANYON CREST	MAS			
	[26-4-129]	[9.1]	[12.2]	[3.7]			MAS			2
							SV-1-T	SP-1-T	((P1))	
(H)	1A	10'					TV-1-T	SP-1-T	((C1))	2 Bike, 4
		[3.05]								

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' [3.05] and 15' [4.5] (where applicable).
Bike detector loop spacing: 50' [15.2].

CONSTRUCTION NOTES

- W41 signs not shown on plan to be installed as follows, exact locations to be determined in the field:
Canyon Crest Dr. (SB); Relocate 1 ea. sign from s/o Linden to St. Lt. approx. 400' [122] n/o Linden.
Linden St. (WB) on new post approx. 300' [91] from crosswalk.
Linden St. (EB) on St. Lt. Std. approx. 400' [122] from crosswalk.
- Remove A.C./P.C.C. wheelchair ramp and construct P.C.C. concrete sidewalk per City of Riverside Standard Drawing No. 325.
NOTE: On the southeast corner PCC construction shall match color and texture of existing; this shall also apply to new PCC construction on the northeast corner. PCC caps for traffic signal poles shall also match existing color.
- Install Wheelchair Ramp per City of Riverside Standard Drawing No. 304.
- Construct variable height (max 30" [760mm]) retaining wall per City of Riverside Standard Drawing No. 707; top of wall shall have mortar cap. See Special Provisions for additional specifications.

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.
 - ((C1)) OR ((P1)) - INDICATES AUDITORY PEDESTRIAN SIGNAL TO BE INSTALLED. ((C1)) INDICATES CUCKOO SOUND; ((P1)) 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 valid. For your Dig Alert ID Number call CALL TOLL FREE TWO WORKING DAYS BEFORE YOU DIG UNDERGROUND SERVICE ALERT 1-800-227-2600

ENGINEER IN RESPONSIBLE CHARGE
Richard D. McGrath
RICHARD D. McGRATH
R.C.E. No. 31852 expires 12-31-2008
DATE 1-6-98

REGISTERED PROFESSIONAL ENGINEER
RICHARD D. McGRATH
No. 31852
Exp. 12-31-2008
CIVIL
STATE OF CALIFORNIA

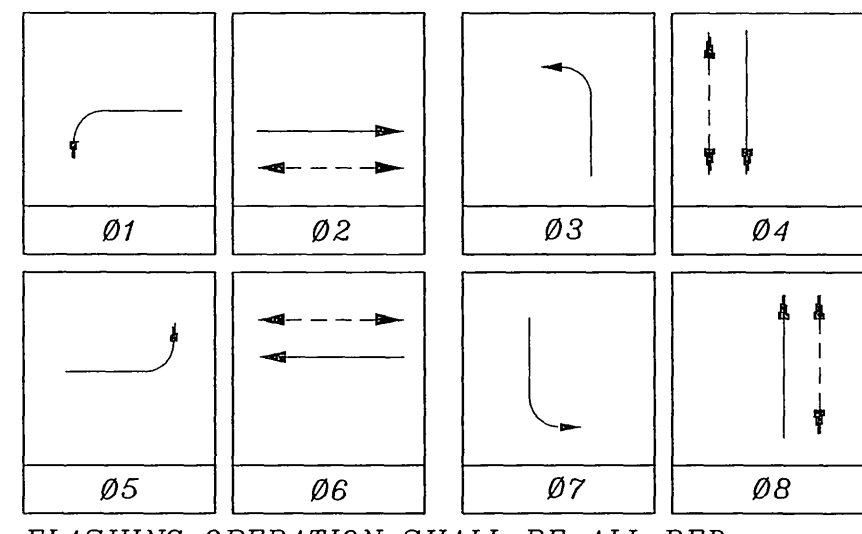
CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
APPROVED BY: [Signature]
PRINCIPAL ENGINEER: [Signature]
P.W. INSPECTION: [Signature]
TRAFFIC DIVISION: [Signature]
CHIEF P.W. ENGR. [Signature]
PUBLIC UTILITIES: [Signature]

TRAFFIC SIGNAL
CANYON CREST DR.
@
LINDEN ST.
SCALE: 1" [25.4mm] = 20' [6.096m]

ACCT. NO. 0230-541600-440223-35080
X-289
SHEET 1 OF 1
FILE NAME: X289.DWG

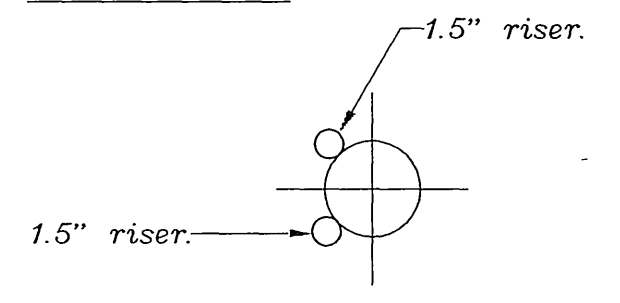
FEDERAL AID PROJECT NO. STPLG-5058(048)
CONTRACTOR'S LICENSE REQUIREMENTS "A" OR "C-10" CONTRACT TE-97-6

PHASE DIAGRAM



FLASHING OPERATION SHALL BE ALL RED.

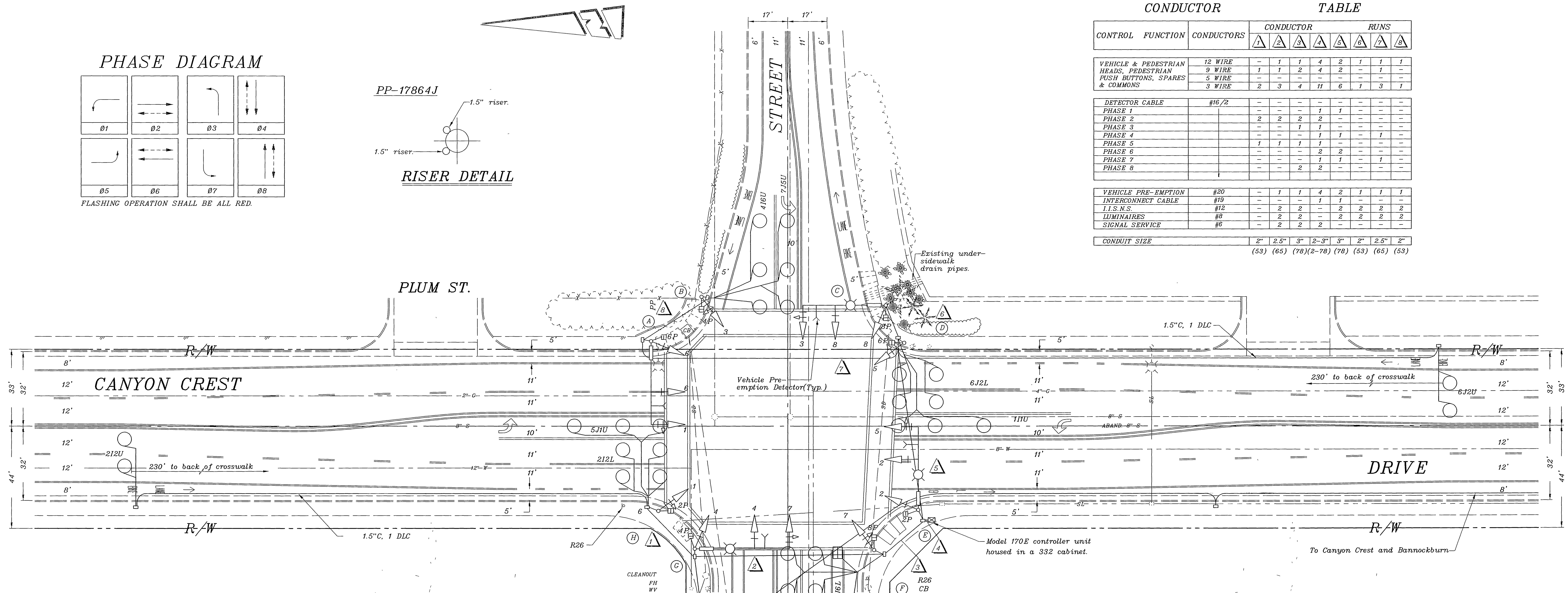
PP-17864J



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 9 WIRE 5 WIRE 3 WIRE	-	1	1	4	2	1	1	1
DETECTOR CABLE	#16/2	-	-	-	-	-	-	-	-
PHASE 1		-	-	1	1	-	-	-	-
PHASE 2		2	2	2	2	-	-	-	-
PHASE 3		-	-	1	1	-	-	-	-
PHASE 4		-	-	-	1	1	-	1	-
PHASE 5		1	1	1	1	-	-	-	-
PHASE 6		-	-	-	2	2	-	-	-
PHASE 7		-	-	-	1	1	-	1	-
PHASE 8		-	-	2	2	-	-	-	-
VEHICLE PRE-EMPTION	#20	-	1	1	4	2	1	1	1
INTERCONNECT CABLE	#19	-	-	1	1	-	-	-	-
I.I.S.N.S.	#12	-	2	2	-	2	2	2	2
LUMINAIRES	#8	-	2	2	-	2	2	2	2
SIGNAL SERVICE	#6	-	2	2	2	-	-	-	-
CONDUIT SIZE		2"	2.5"	3"	2-3"	3"	2"	2.5"	2"
		(53)	(65)	(76)	(2-78)	(78)	(53)	(65)	(53)



EQUIPMENT SCHEDULE

NO.	SIGNAL STANDARD	TYPE	H'CHT	M.A.	L.A.	H.P.S.V.	I.I.S.N.S. LEGEND	SIGNAL MOUNTINGS			PPB PHASE
								VEHICLE	PEDESTRIAN	AUDIBLE	
(A)	23-4-80	30'	35'	12'			LINDEN	MAS			
								MAS			
								SV-1-T	SP-1-T	((C))	4
(B)	1A	10'						TV-1-T	SP-1-T	((P))	4 Bike, 6
(C)	24-4-80	30'	35'	12'	250W		CANYON CREST	MAS			
								MAS			
								SV-1-T	SP-1-T	((P))	6
(D)	1A	10'						TV-1-T	SP-1-T	((C))	6 Bike, 8
(E)	24-4-80	30'	35'	12'	250W		LINDEN	MAS			
								MAS			
								SV-1-T	SP-1-T	((C))	8
(F)	1A	10'						TV-1-T	SP-1-T	((P))	2
(G)	26-4-80	30'	40'	12'	250W		CANYON CREST	MAS			
								MAS			
								SV-1-T	SP-1-T	((P))	2
(H)	1A	10'						TV-1-T	SP-1-T	((C))	2 Bike, 4

1.5" C, 2-#6, 2-#8, 2-#12
Service point for Canyon Crest & Bannockburn
PP-17864J
120V signal, 120V sign and 240V St. Lt. service

Model 170E controller unit housed in a 332 cabinet.

CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS		TRAFFIC SIGNAL		ACCT. NO.
APPROVED BY	BY	DATE	APPROVED BY	X-289
AS-BUILT PER TE-97-6	MAC	01/03	DIRECTOR OF PUBLIC WORKS	
MARK	REVISIONS	APPR. DATE	DATE	SHEET 1 OF 1
DESIGNED BY: MAC	DRAWN BY: MAC	CHECKED BY:	DATE:	FILE NAME: X289AS.DWG

**CANYON CREST DR.
@
LINDEN ST.**

SCALE: 1" = 20'