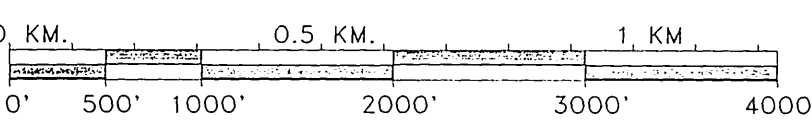


PROJECT LOCATION



SCALE: 1" = 1000'

SIGNAL STANDARD		LUMINAIRE		I.I.S.N.S. LEGEND		SIGNAL MOUNTINGS		PPB PHASE		REMARKS
NO.	TYPE	H'GHT	M.A.	M.A.	H.P.S.V.	VEHICLE	PEDESTRIAN	AUDIBLE		
(A)	19-4-80	30'	30'	12'	250W	MAGNOLIA	Ave 11300	MAS SV-1-T	SP-1-T ((C))	6
(B)	1A	10'						TV-1-T	SP-1-T ((P))	8
(C)	27-3-80	17'	45'			GOLDEN	Ave 3800	MAS SV-1-T		8
(D)	1A	10'						TV-2-T	SP-1-T ((C))	
(E)	17-2-80	30'	18'	12'	250W	MAGNOLIA	Ave 11300	MAS SV-1-T		
(F)	1A	10'						TV-1-T		SEE NOTE 9
(G)	26-4-80	30'	45'	12'	250W	GOLDEN	Ave 3800	MAS SV-1-T	SP-1-T ((P))	
(H)	1A	10'						TV-2-T		6

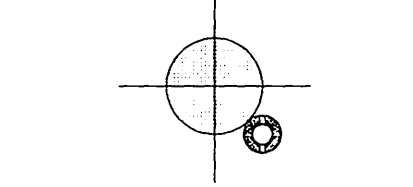
NOTES:

- ALL VEHICULAR HEADS SHALL HAVE 12" LENSES.
- ALL LEFT TURN HEADS SHALL HAVE ALL ARROWS.
- PEDESTRIAN PUSH BUTTONS SHALL BE INSTALLED ON THE POLE IN THE QUADRANT NEAREST THE CROSSWALK SERVING THE PHASE.
- TYPE 1-A STANDARDS SHALL BE ALUMINUM.
- 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.
- LOCATION OF THE EMERGENCY PRE-EMPTION DETECTOR ON THE MAST ARM SHALL BE AS DIRECTED IN THE FIELD BY THE CITY TRAFFIC ENGINEER OR HIS REPRESENTATIVE.
- INSTALL #6 BICYCLE DETECTOR (PUSH BUTTON) AND R62-C(L) SIGN.
- INSTALL #2 BICYCLE DETECTOR (PUSH BUTTON) AND R62-C(L) SIGN.

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	2	2	3	1	1	1	1
DETECTOR CABLE	#16/2	-	-	-	-	-	-	-	-
PHASE 1		-	-	-	1	1	1	1	1
PHASE 2		-	-	-	2	-	-	-	-
PHASE 3 (NOT USED)		-	-	-	-	-	-	-	-
PHASE 4		-	-	-	1	1	1	-	-
PHASE 5		-	-	-	1	-	-	-	-
PHASE 6		-	-	-	2	2	2	2	2
PHASE 7 (NOT USED)		-	-	-	-	-	-	-	-
PHASE 8		-	-	-	1	1	1	-	-
TOTALS		-	-	-	1	1	8	4	4

NOTE: SEE SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION ON EMERGENCY PRE-EMPTION CABLE.

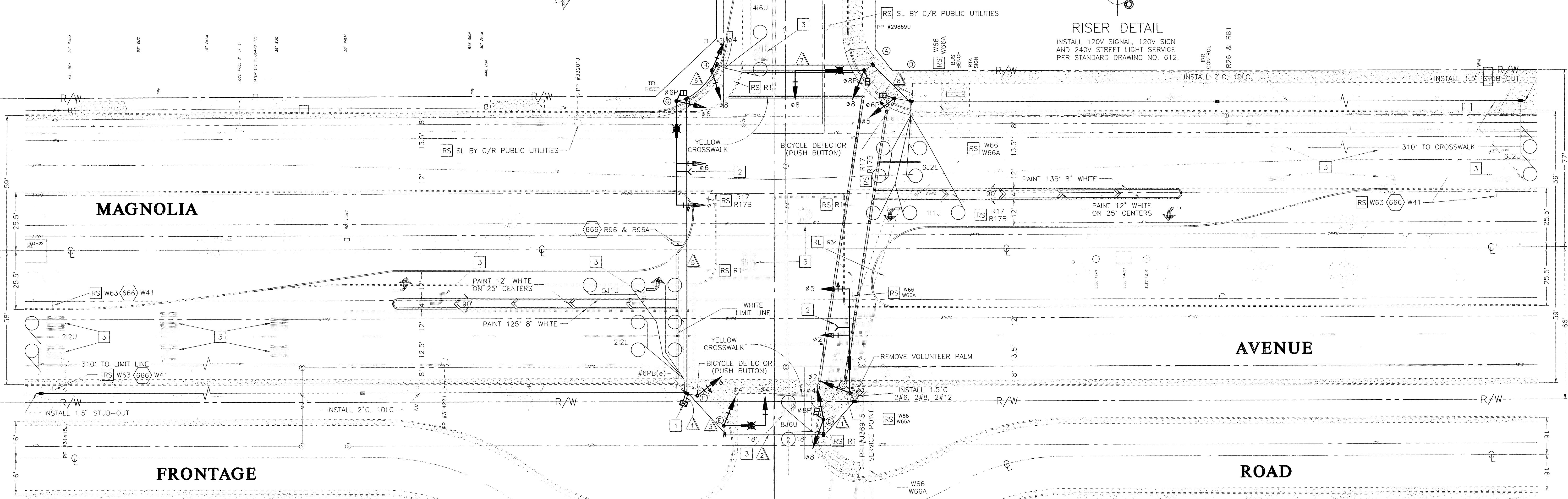
PP #J36915
PP #J36915



RISER DETAIL
INSTALL 120V SIGNAL, 120V SIGN AND 240V STREET LIGHT SERVICE PER STANDARD DRAWING NO. 612.

- CONSTRUCTION NOTES**
- INSTALL MODEL 170 CONTROLLER UNIT HOUSED IN 332 CABINET.
 - INSTALL TRAFFIC SIGNAL EMERGENCY PRE-EMPTION DETECTOR.
 - REMOVE PAVEMENT MARKINGS BY CITY'S FORCES.
- 666 INSTALL SIGN PER C/R STANDARD DRAWING NUMBER 666.

- PAVEMENT DELINEATION**
- FOR REFERENCE ONLY
- INDICATES STRIPING AND PAVEMENT MARKINGS TO BE INSTALLED.
 - INDICATES STRIPING AND PAVEMENT MARKINGS TO REMAIN UNLESS OTHERWISE INDICATED.
 - INDICATES STRIPING AND PAVEMENT MARKINGS TO BE REMOVED.



PHASE	DIAGRAM
φ1	[Diagram]
φ2	[Diagram]
φ3	NOT USED
φ4	[Diagram]
φ5	[Diagram]
φ6	[Diagram]
φ7	NOT USED
φ8	[Diagram]

FLASHING OPERATION: ALL RED.

DETECTOR SCHEDULE	
LOOP DESIGNATION	NUMBER OF LOOPS
111U	3
212U	2
212L	4
416U	3
511U	3
612U	2
612L	4
816U	2

NOTE: DETECTORS SHALL BE 2-CHANNEL RACK MOUNTED.

IMPORTANT NOTICE
Section 4216/4217 of the Government Code requires a Dig Alert Identification Number to be issued before a "Punch 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
LAUREN F. CALDWELL
R.C.E. NO. 39441 E-PIRES 12/31/97
DATE 5/15/96

REGISTERED PROFESSIONAL ENGINEER
LAUREN FRED CALDWELL
No. 39441
CIVIL
STATE OF CALIFORNIA

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY: [Signature] DATE: 5/16/96
PRINCIPAL ENGINEER: [Signature]
P.W. INSPECTION: [Signature]
TRAFFIC DIVISION: [Signature]
CHIEF P.W. ENGR.: [Signature]
PUBLIC UTILITIES: [Signature]

TRAFFIC SIGNAL INSTALLATION
GOLDEN AVENUE AND MAGNOLIA AVENUE

ACCT. NO. 0452-541600-440502-35063
X-387
SHEET 1 OF 1
PC 3869-5
SCALE: 1" = 20'

- GENERAL NOTES**
- DETECTOR LOOPS SHALL BE INSTALLED IN THE PRESENCE OF THE CITY TRAFFIC ENGINEER OR HIS REPRESENTATIVE.
 - TYPICAL DETECTOR LOOP SPACINGS: 10' AND 15'.
 - PAVEMENT DELINEATION SHOWN HEREON IS FOR REFERENCE ONLY.
 - ALL SIGNING, STRIPING AND PAVEMENT MARKING REQUIREMENTS SHALL BE COMPLETED AT LEAST ONE DAY PRIOR TO TURN-ON.
- CONTRACTOR'S LICENSE REQUIREMENTS "A" OR "C-10"