

CONDUCTOR TABLE

CONTROL FUNCTION	CONDUCTORS	CONDUCTOR RUNS									
		△1	△2	△3	△4	△5	△6	△7	△8	△1C	

VEHICLE & PEDESTRIAN HEADS & PEDESTRIAN PUSH BUTTONS, SPARES & COMMONS	12 WIRE IMSA	1	2	3	8	4	3	2	1	
	3 WIRE IMSA		1	1	4	2	2	1	1	

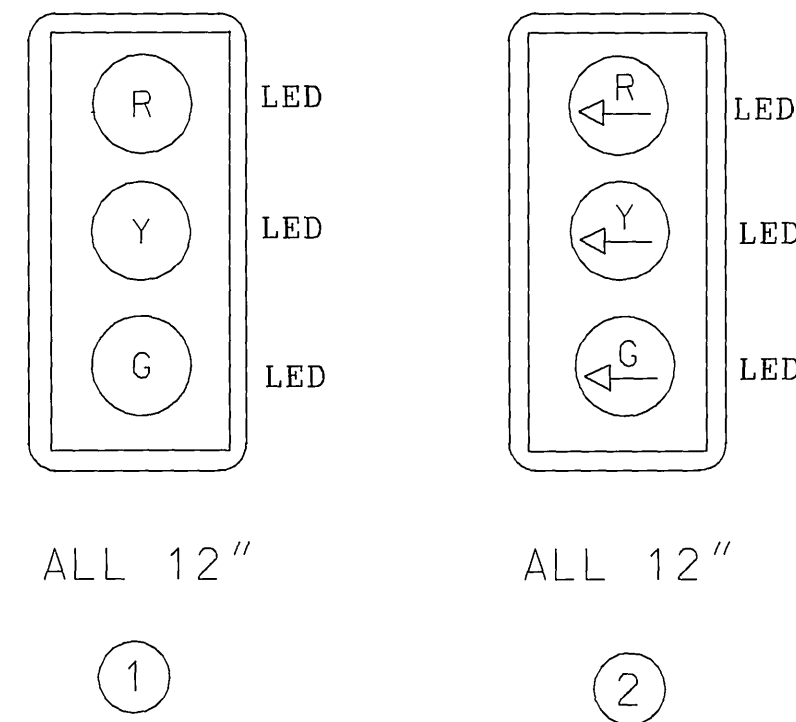
DETECTOR CABLE	#16/2									
PHASE 1	"	1	1	1	1					
PHASE 2	"				3	3				
PHASE 3	"				1	1	1	1		
PHASE 4	"			1	1					
PHASE 5	"				1	1				
PHASE 6	"	3	3	3	3					
PHASE 7	"			1	1					
PHASE 8	"				1	1	1	1		

VEHICLE PREEMPTION	#20				2	1	1	1	1	
LUMINAIRES	#8		2	2		2	2	2	2	
SIGNAL SERVICE	#6				2					
INTERCONNECT	#19				1					1

CONDUIT SIZE		2"	3"	3"	2-3"	3"	3"	3"	2"	1.5"
--------------	--	----	----	----	------	----	----	----	----	------

- NOTE:
1. SIGNAL SYSTEM SHALL HAVE NEW CABLES AND CONDUCTORS
 2. SEE SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION ON I.M.S.A. CABLE.
 3. INTERCONNECT CABLE SHALL BE 6 PAIR #19 GAUGE (SEE SPECIAL PROVISIONS).

SEE ATTACHED PART 7, 7-2.08 & REFER TO STANDARD SPECIFICATION SECTION 86, 86-2.08D & 86-2.08E.



VEHICLE SIGNAL CONFIGURATIONS

POLE AND EQUIPMENT SCHEDULE

POLE LOCATION	STANDARD			VEHICLE SIGNAL			PEDESTRIAN SIGNAL			STREET NAME SIGN WORDING	NOTES
	TYPE	SIG. M. A.	LUM. ARM	MOUNTING	PHASE	CONFIG.	MOUNTING	PHASE	PPB		
A	26-4-80	40'	12' 250W HPS	MAS	1	2	SP-1-T	6P	4P		
				MAS	6	1					
				MAS	6	1					
				SV-1-T	6	1					
B	1A (10')			TV-2-T	3	2	SP-1-T	4P	6P		
					6	1					
C	19-4-80	30'	12' 250W HPS	MAS	3	2	SP-1-T	8P	6P	CANYON SPRINGS PKWY	
				MAS	8	1					
				SV-1-T	8	1					
D	1A (10')			TV-2-T	5	2	SP-1-T	6P	8P		
					6	1					
E	26-4-80	45'	12' 250W HPS	MAS	5	2	SP-1-T	2P	8P		
				MAS	2	1					
				MAS	2	1					
				SV-1-T	2	1					
F	1A (10')			TV-2-T	7	2	SP-1-T	8P	2P		
					8	1					
G	19-4-80	30'	12' 250W HPS	MAS	7	2	SP-1-T	4P	2P	CANYON SPRINGS PKWY	
				MAS	4	1					
				SV-1-T	4	1					
H	1A (10')			TV-2-T	1	2	SP-1-T	2P	4P		
					2	1					
I	1A (10')										SEE CITY OF RIVERSIDE STANDARD DRAWING NO. 667 FOR UNDERGROUND SERVICE

GENERAL NOTES

1. Traffic Signal Work shall be performed in accordance to 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 Plans, the Contract Special Provisions and as directed by the City Traffic Engineer.
2. Contact Traffic Signal Maintenance (909-351-6096) 48 hours in advance to schedule inspection of the work performed. Inspection for Traffic Signal Work shall be at the rate of \$55.00 per hour.
3. The Contractor shall notify Underground service Alert (1-800-227-2600) 48 hours prior to beginning excavation.
4. Utilities shown on these Plans are correct and accurate to the extent of available records and knowledge. However, it shall be the responsibility of the Contractor to verify the existence and location of all underground utilities, public or private, and to protect them from damage. The Contractor shall bear the total expense of repair or replacement of any underground facilities damaged by his operation.
5. The Private Engineer signing these plans 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.
7. The Contractor shall restore or replace in kind all existing improvements disturbed during construction including, but not limited to, traffic signs, pavement delineation and landscaping.
8. All equipment and loop locations shall be approved by the City Traffic Engineer or his Inspector prior to installation by the Contractor.
9. All detector loops shall be Type E with 10' and 15' spacing in the direction of travel unless shown otherwise.
10. All detector loops shall be installed in the presence of the City Traffic Engineer's inspector.

11. All pavement markings and signing requirements (removals or installations) shall be completed at least 24 hours prior to signal turn-on.
12. All pavement markings except for striping shall be thermoplastic.
13. All Contractors working on or around C/R Underground Electrical facilities must have the properly qualified personnel and equipment to perform the specified work. The Contractor will be solely responsible to establish and maintain a safe working environment including, but not limited to work around energized High Voltage facilities, gas testing of confined spaces, traffic control, and protection. The C/R's policy is to provide one qualified observer after 24 hour notice, to stand by during work and provide radio contact with City Operations Control.
14. The City observer has the authority to stop Contractor's work if he determines that adequate safety precautions are not being taken. However, the presence of the City observer does not relieve the Contractor of his responsibility for insuring safe and appropriate work practices.



Farhad and Associates
 Transportation • Traffic • Civil Engineering
 2815 Mitchell Drive, Suite 120
 Walnut Creek, CA 94598
 (925) 988-9187 Fax (925) 945-7988

CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS			
APPROVED BY	BY	DATE	APPROVED BY
DEPUTY P.W. DIR/ENG	PH	2/12/03	Thom Boyd
PRINCIPAL ENGINEER			DIRECTOR OF PUBLIC WORKS
P.W. INSPECTION		2/11/03	
TRAFFIC DIVISION		2/12/03	
PUBLIC UTILITIES			

TRAFFIC SIGNAL
 CANYON SPRINGS PARKWAY AND
 BEST BUY/TARGET ENTRANCE

ACCT. NO.

X-168

SHEET 2 OF 2

SCALE: 1" = 20'

FILE NAME: .DWG

