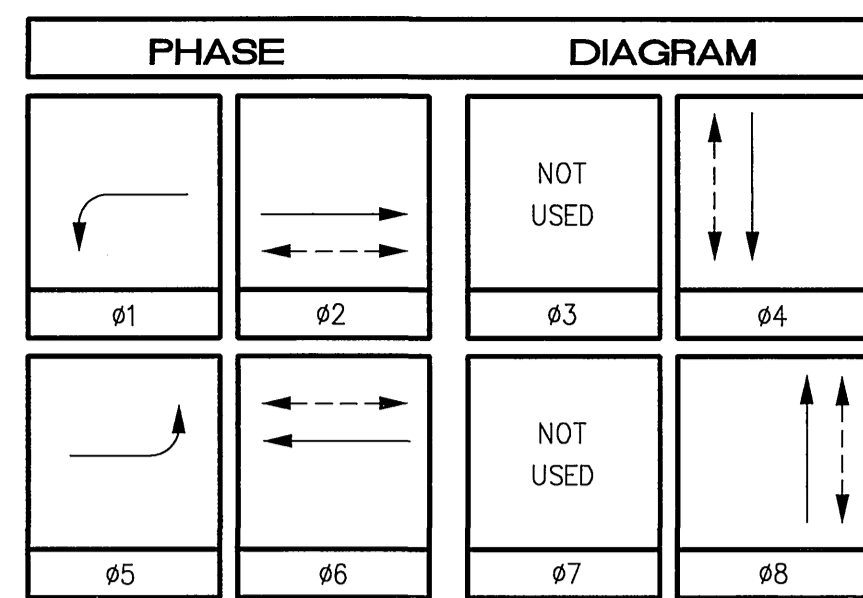
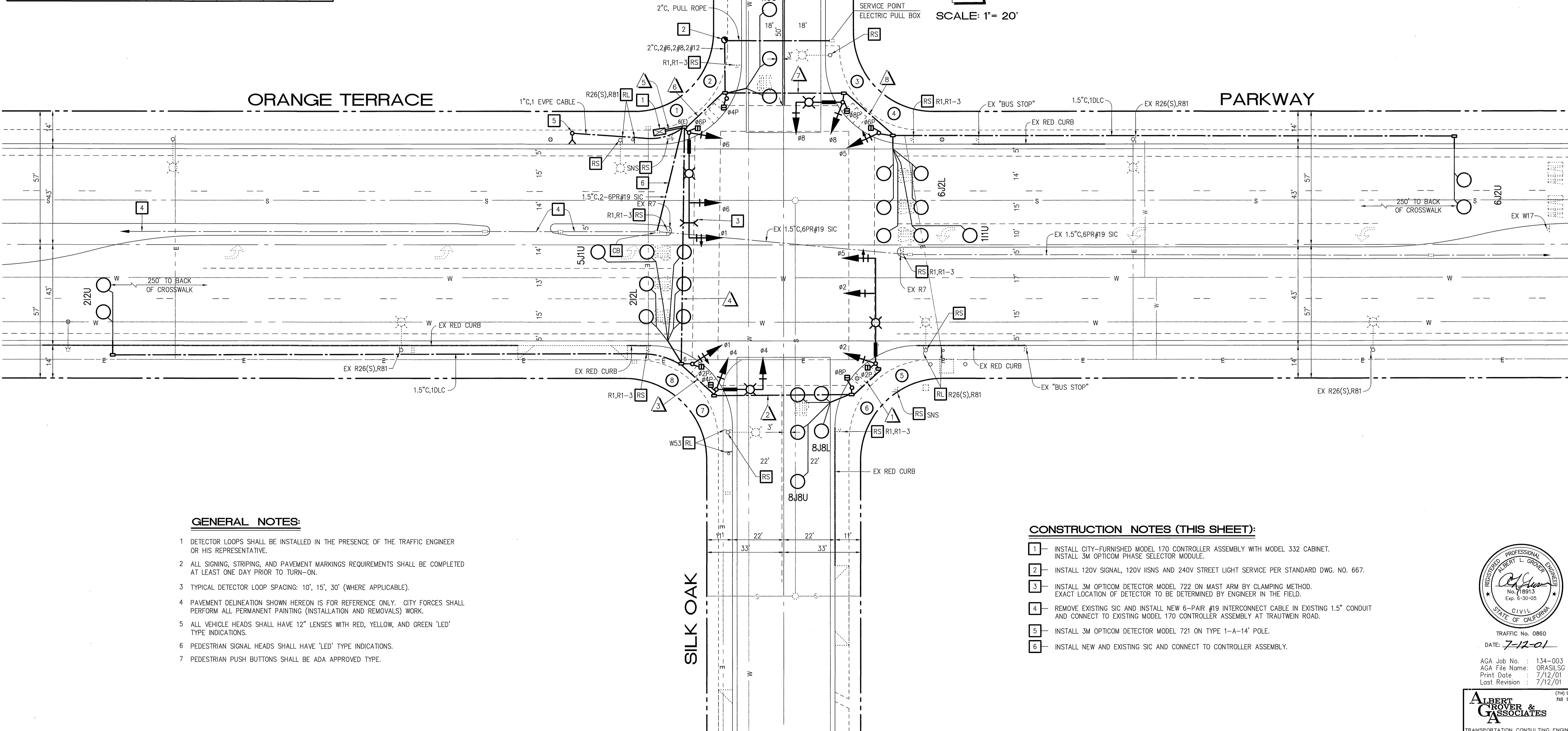


CONDUCTOR		TABLE							
CONTROL FUNCTION	CONDUCTORS	CONDUCTOR RUNS							
		1	2	3	4	5	6	7	8
VEHICLE & PEDESTRIAN HEADS, PEDESTRIAN PUSH BUTTONS, SPARES & COMMONS	12 CONDUCTOR IMSA	1	1	2	3	6	2	2	1
	9 CONDUCTOR IMSA	-	-	-	-	-	-	-	-
	5 CONDUCTOR IMSA	-	1	1	1	2	1	-	-
	3 CONDUCTOR IMSA	1	2	3	4	8	3	2	1
DETECTOR CABLE	#16/2	-	-	-	-	1	1	1	1
PHASE 1		-	-	-	-	2	2	-	-
PHASE 2		-	-	-	-	1	1	-	-
PHASE 3		-	-	-	-	1	1	-	-
PHASE 4		-	-	-	-	2	2	2	2
PHASE 5		-	-	-	-	2	2	2	2
PHASE 6		-	-	-	-	2	2	2	2
PHASE 7		-	-	-	-	2	2	2	2
PHASE 8		-	-	-	-	2	2	2	2
TOTAL		2	2	2	5	9	4	3	3
EVPE CABLE	#20/4	-	-	-	-	3	-	-	-
INTERCONNECT	6PR#19	-	-	-	-	2	-	-	-
IISNS	#12	2	2	2	2	-	2	2	-
LUMINAIRES	#8	2	2	2	2	-	2	2	-
SIGNAL SERVICE	#6	-	-	-	-	2	2	-	-
CONDUIT SIZE		2"	3"	3"	3.5"	2-3.5"	3"	3"	2"



		POLE				SCHEDULE						
No.	TYPE	STANDARD		LUMINAIRE HPS	IISNS LEGEND	SIGNAL MOUNTING			PPB PHASE	REMARKS		
		HGT.	SIG. M.A. LUM. M.A.			VEHICLE	PED	AUDIBLE				
1	26-4-80	30'	45'	15'	250W	Silk Oak Dr 8500	MAS	MAS	SV-1-T	SP-1-T	((C))	ø4
2	1-A	7'	-	-	-	-	-	-	-	TP-1-T	((P))	ø6
3	17-2-80	30'	20'	12'	250W	Orange Terrace Pkwy 19600	-	MAS	SV-1-T	SP-1-T	((P))	ø6
4	1-A	10'	-	-	-	-	-	-	TV-1-T	SP-1-T	((C))	ø8
5	26-4-80	30'	45'	15'	250W	Silk Oak Dr 8500	MAS	MAS	SV-1-T	SP-1-T	((C))	ø8
6	1-A	7'	-	-	-	-	-	-	-	TP-1-T	((P))	ø2
7	17-2-80	30'	20'	12'	250W	Orange Terrace Pkwy 19500	-	MAS	SV-1-T	SP-1-T	((P))	ø2
8	1-A	10'	-	-	-	-	-	-	TV-1-T	SP-1-T	((C))	ø4

NOTE: ALL POLES AND MAST ARMS WILL BE CITY-FURNISHED.  
 ((C)) OR ((P)) - INDICATES AUDITORY PEDESTRIAN SIGNAL TO BE INSTALLED: ((C)) INDICATES CUCKOO SOUND; ((P)) INDICATES PEEP-PEEP SOUND.



**GENERAL NOTES:**

- DETECTOR LOOPS SHALL BE INSTALLED IN THE PRESENCE OF THE TRAFFIC ENGINEER OR HIS REPRESENTATIVE.
- ALL SIGNING, STRIPING, AND PAVEMENT MARKINGS REQUIREMENTS SHALL BE COMPLETED AT LEAST ONE DAY PRIOR TO TURN-ON.
- TYPICAL DETECTOR LOOP SPACING: 10', 15', 30' (WHERE APPLICABLE).
- PAVEMENT DELINEATION SHOWN HEREON IS FOR REFERENCE ONLY. CITY FORCES SHALL PERFORM ALL PERMANENT PAINTING (INSTALLATION AND REMOVALS) WORK.
- ALL VEHICLE HEADS SHALL HAVE 12" LENSES WITH RED, YELLOW, AND GREEN 'LED' TYPE INDICATIONS.
- PEDESTRIAN SIGNAL HEADS SHALL HAVE 'LED' TYPE INDICATIONS.
- PEDESTRIAN PUSH BUTTONS SHALL BE ADA APPROVED TYPE.

**CONSTRUCTION NOTES (THIS SHEET):**

- INSTALL CITY-FURNISHED MODEL 170 CONTROLLER ASSEMBLY WITH MODEL 332 CABINET. INSTALL 3M OPTICOM PHASE SELECTOR MODULE.
- INSTALL 120V SIGNAL, 120V IISNS AND 240V STREET LIGHT SERVICE PER STANDARD DWG. NO. 667.
- INSTALL 3M OPTICOM DETECTOR MODEL 722 ON MAST ARM BY CLAMPING METHOD. EXACT LOCATION OF DETECTOR TO BE DETERMINED BY ENGINEER IN THE FIELD.
- REMOVE EXISTING SIC AND INSTALL NEW 6-PAIR #19 INTERCONNECT CABLE IN EXISTING 1.5" CONDUIT AND CONNECT TO EXISTING MODEL 170 CONTROLLER ASSEMBLY AT TRAUTWEIN ROAD.
- INSTALL 3M OPTICOM DETECTOR MODEL 721 ON TYPE 1-A-14' POLE.
- INSTALL NEW AND EXISTING SIC AND CONNECT TO CONTROLLER ASSEMBLY.



TRAFFIC No. 0860  
 DATE: 7-12-01  
 AGA Job No.: 134-003  
 AGA File Name: ORASL5G  
 Print Date: 7/12/01  
 Last Revision: 7/12/01

ALBERT GROVER & ASSOCIATES  
 TRANSPORTATION CONSULTING ENGINEERS  
 211 E. Imperial Hwy., Suite 208 Fullerton, CA 92835

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CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS				TRAFFIC SIGNAL PLAN		ACCOUNT NO.
APPROVED BY: <i>[Signature]</i> DATE: 8-20-2001				APPROVED BY: <i>[Signature]</i> DATE: 8-20-2001		ORANGE TERRACE AT SILK OAK DRIVE
PRINCIPAL ENGINEER: <i>[Signature]</i>				PUBLIC WORKS DIRECTOR		
MARK REVISIONS APPR. DATE				SHEET OF		X-254
DESIGNED BY: DRAWN BY: CHECKED BY:				HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" =		