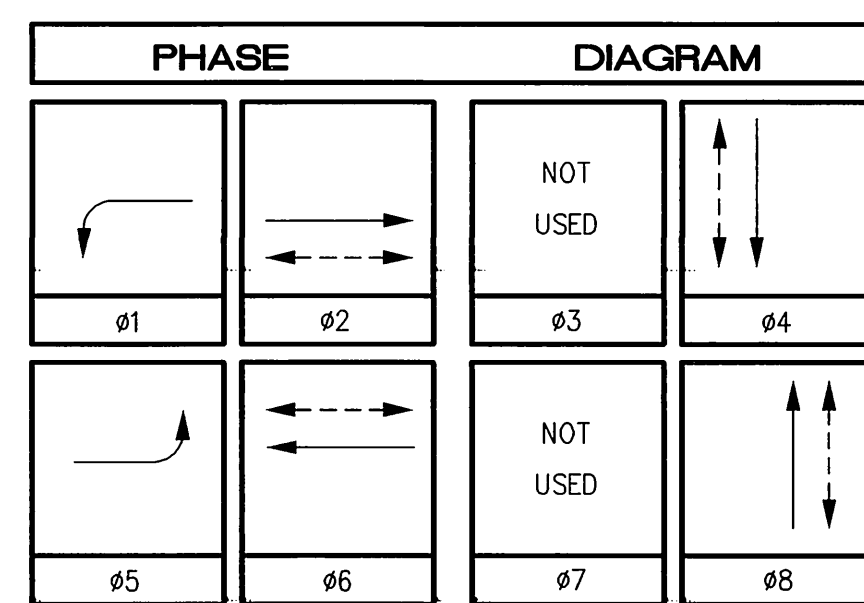
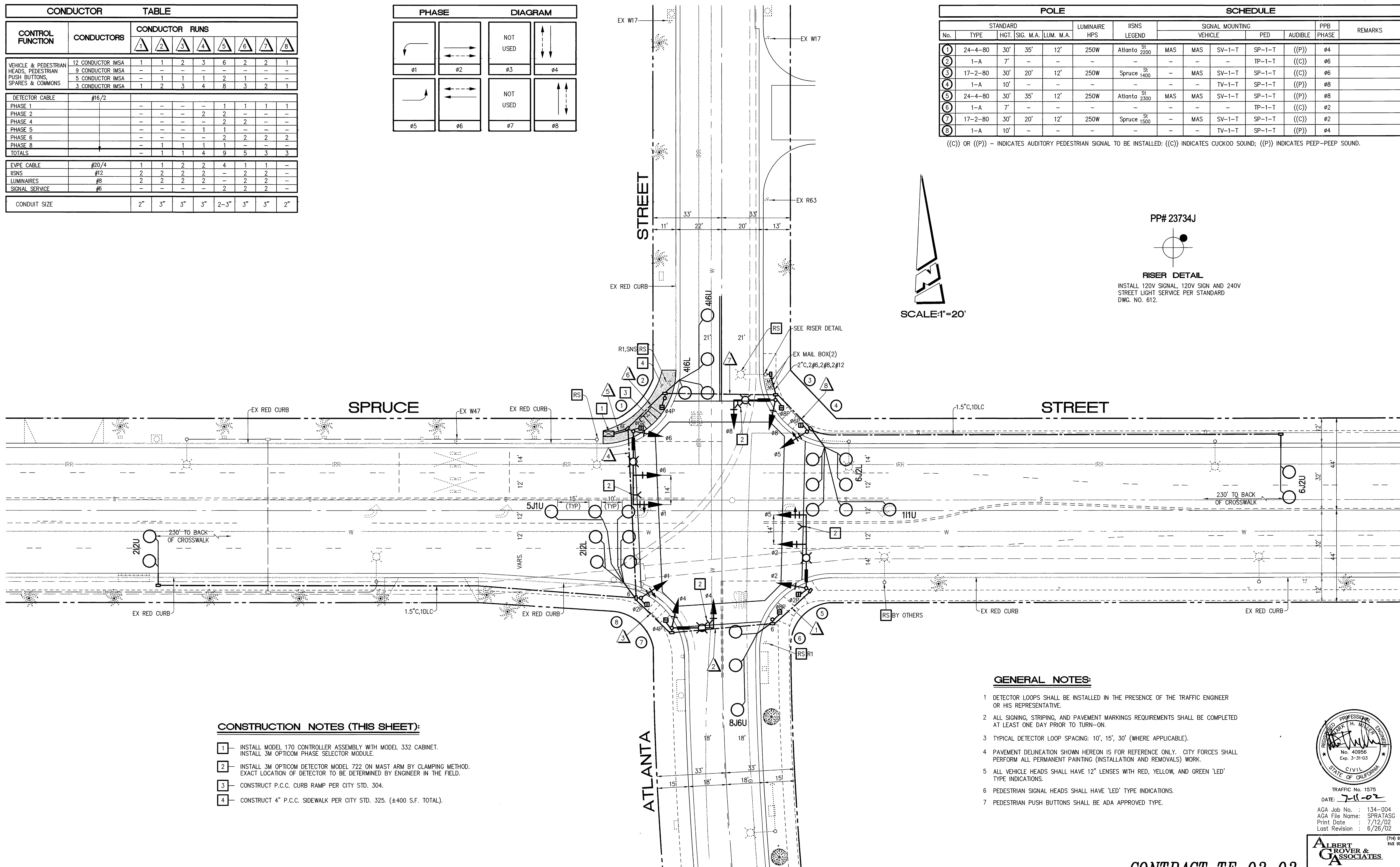


CONDUCTOR		TABLE							
CONTROL FUNCTION	CONDUCTORS	CONDUCTOR RUNS							
		1	2	3	4	5	6	7	8
VEHICLE & PEDESTRIAN HEADS, PEDESTRIAN PUSH BUTTONS, SPARES & COMMONS	12 CONDUCTOR IMSA	1	1	2	3	6	2	2	1
	9 CONDUCTOR IMSA	-	-	-	-	-	-	-	-
	5 CONDUCTOR IMSA	-	1	1	1	2	1	-	-
	3 CONDUCTOR IMSA	1	2	3	4	8	3	2	1
DETECTOR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

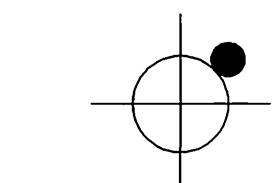


		POLE					SCHEDULE					REMARKS	
No.	TYPE	STANDARD		LUMINAIRE HPS	ISNS LEGEND	SIGNAL MOUNTING			PPB PHASE				
		HGT.	SIG. M.A.			VEHICLE	PED	AUDIBLE					
1	24-4-80	30'	35'	12'	250W	Atlanta St 2200	MAS	MAS	SV-1-T	SP-1-T	((P))	ø4	
2	1-A	7'	-	-	-	-	-	-	-	TP-1-T	((C))	ø6	
3	17-2-80	30'	20'	12'	250W	Spruce St 1400	-	MAS	SV-1-T	SP-1-T	((C))	ø6	
4	1-A	10'	-	-	-	-	-	-	TV-1-T	SP-1-T	((P))	ø8	
5	24-4-80	30'	35'	12'	250W	Atlanta St 2300	MAS	MAS	SV-1-T	SP-1-T	((P))	ø8	
6	1-A	7'	-	-	-	-	-	-	-	TP-1-T	((C))	ø2	
7	17-2-80	30'	20'	12'	250W	Spruce St 1500	-	MAS	SV-1-T	SP-1-T	((C))	ø2	
8	1-A	10'	-	-	-	-	-	-	TV-1-T	SP-1-T	((P))	ø4	

((C)) OR ((P)) - INDICATES AUDITORY PEDESTRIAN SIGNAL TO BE INSTALLED: ((C)) INDICATES CUCKOO SOUND; ((P)) INDICATES PEEP-PEEP SOUND.



PP# 23734J



**RISER DETAIL**

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

SCALE: 1"=20'

**CONSTRUCTION NOTES (THIS SHEET):**

- 1 INSTALL MODEL 170 CONTROLLER ASSEMBLY WITH MODEL 332 CABINET. INSTALL 3M OPTICOM PHASE SELECTOR MODULE.
- 2 INSTALL 3M OPTICOM DETECTOR MODEL 722 ON MAST ARM BY CLAMPING METHOD. EXACT LOCATION OF DETECTOR TO BE DETERMINED BY ENGINEER IN THE FIELD.
- 3 CONSTRUCT P.C.C. CURB RAMP PER CITY STD. 304.
- 4 CONSTRUCT 4" P.C.C. SIDEWALK PER CITY STD. 325. (±400 S.F. TOTAL).

**GENERAL NOTES:**

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



TRAFFIC No. 1575  
 DATE: 7-11-02  
 AGA Job No. : 134-004  
 AGA File Name: SPRATASG  
 Print Date : 7/12/02  
 Last Revision : 6/26/02

**ALBERT GROVER & ASSOCIATES**  
 TRANSPORTATION CONSULTING ENGINEERS  
 211 E. Imperial Way, Suite 208 Fullerton, CA 92835  
 (714) 992-2990  
 FAX 992-2883

**CONTRACT TE-02-02**

Underground Service Alert  
 Call: TOLL FREE  
 1-800  
 422-4133  
 TWO WORKING DAYS BEFORE YOU DIG

CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS				TRAFFIC SIGNAL PLAN		ACCOUNT NO.
APPROVED BY PRINCIPAL ENGINEER 8/12/02 INSPECTION 8/15/02 TRAFFIC DIVISION CHIEF P. W. ENGINEER PUBLIC UTILITIES 8/16/02				APPROVED BY 8/15/02 PUBLIC WORKS DIRECTOR 8/21/02		X-260
MARK REVISIONS APPR. DATE				DESIGNED BY DRAWN BY CHECKED BY		SHEET 10 OF 10
				HORIZ. SCALE: 1"= 20' VERT. SCALE: 1"= -		