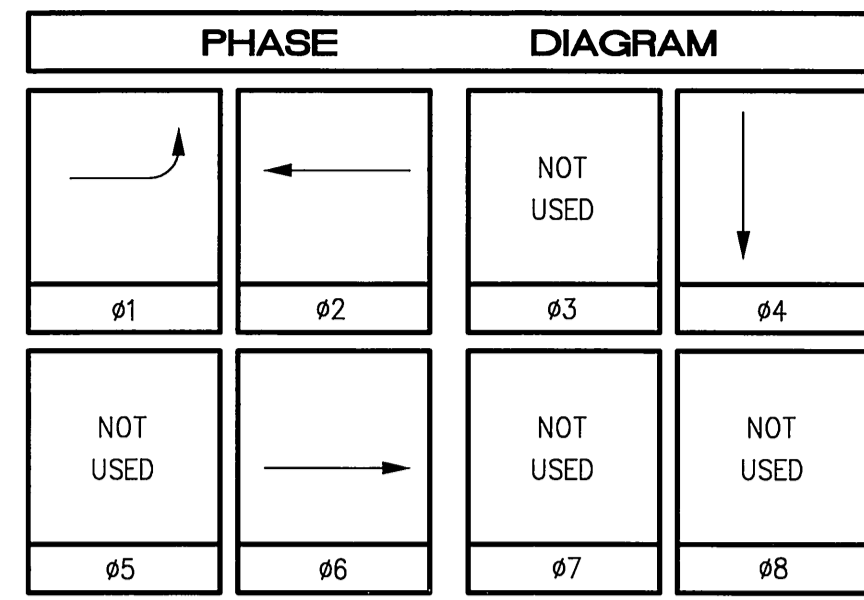
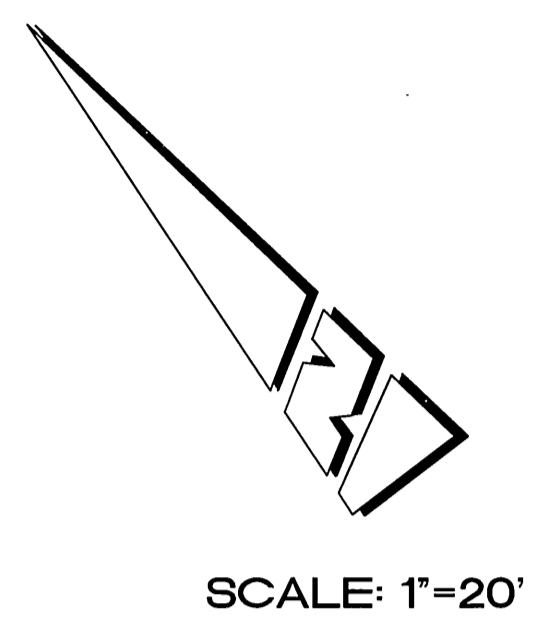
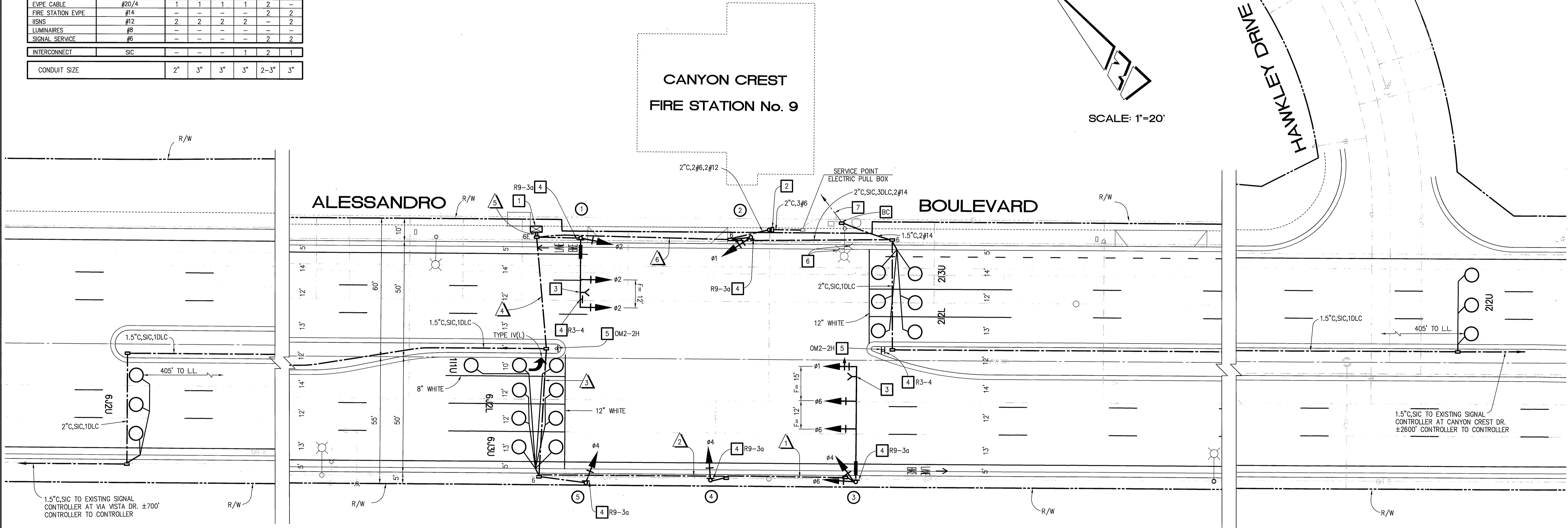


CONDUCTOR		TABLE					
CONTROL FUNCTION	CONDUCTORS	CONDUCTOR RUNS					
		1	2	3	4	5	6
VEHICLE & PEDESTRIAN HEADS, PEDESTRIAN PUSH BUTTONS, SPARES & COMMONS	12 CONDUCTOR IMSA	1	2	3	3	5	1
DETECTOR CABLE	#16/2	-	-	1	1	1	-
PHASE 1		-	-	-	-	3	3
PHASE 2		-	-	-	-	-	-
PHASE 4		-	-	-	-	-	-
PHASE 6		-	-	2	3	3	-
TOTALS		-	-	3	4	7	3
EVPE CABLE	#20/4	1	1	1	1	2	-
FIRE STATION EVPE	#14	-	-	-	-	2	2
IISNS	#12	2	2	2	2	-	2
LUMINAIRES	#8	-	-	-	-	-	-
SIGNAL SERVICE	#6	-	-	-	-	2	2
INTERCONNECT	SIC	-	-	-	1	2	1
CONDUIT SIZE		2"	3"	3"	3"	2-3"	3"



POLE						SCHEDULE					
No.	TYPE	STANDARD		LUMINAIRE	IISNS * LEGEND	SIGNAL MOUNTING			PPB PHASE	REMARKS	
		HGT.	SIG. M.A.			VEHICLE	PED	AUDIBLE			
1	18-4-129	17'	30'	-	-	FIRE STATION	MAS	MAS	SV-1-T	-	-
2	1-A	10'	-	-	-	-	-	-	TV-1-T	-	-
3	28-5-129	17'	50'	-	-	FIRE STATION	MAS	2-MAS	SV-2-TB	-	-
4	1-A	10'	-	-	-	-	-	-	TV-1-T	-	-
5	1-A	14'	-	-	-	-	-	-	TV-1-T	-	-

((C)) OR ((P)) - INDICATES AUDITORY PEDESTRIAN SIGNAL TO BE INSTALLED: ((C)) INDICATES CUCKOO SOUND; ((P)) INDICATES PEEP-PEEP SOUND.
 * WHITE LETTERS/BORDER ON RED BACKGROUND



CONSTRUCTION NOTES (THIS SHEET):

- 1 INSTALL MODEL 170 CONTROLLER ASSEMBLY WITH MODEL 332 CABINET. INSTALL 3M OPTICOM PHASE SELECTOR MODULE. INSTALL BATTERY BACKUP SYSTEM (SEE SPECIAL PROVISIONS).
- 2 INSTALL 120V SIGNAL, 120V IISNS AND 240V STREET LIGHT SERVICE PER CITY STD. DWG. NO. 667.
- 3 INSTALL 3M OPTICOM DETECTOR MODEL 711 ON MAST ARM BY CLAMPING METHOD. EXACT LOCATION OF DETECTOR SHALL BE DETERMINED BY THE MANUFACTURER'S REPRESENTATIVE IN THE FIELD.
- 4 INSTALL SIGN AS SHOWN (7 EA.).
- 5 INSTALL OBJECT MARKER (2 EA.).
- 6 REMOVE AND SALVAGE EXISTING EVPE DETECTORS AND MAST ARM.
- 7 REMOVE EXISTING EVPE CONDUCTORS AND RUN NEW 2#14 EVPE CONDUCTORS IN EXISTING CONDUIT AND CONNECT TO EXISTING FIRE PRE-EMPTION BUTTON INSIDE STATION. EXACT LOCATION OF CONDUIT AND PRE-EMPTION BUTTON SHALL BE DETERMINED BY THE CONTRACTOR IN THE FIELD. CONTACT CHIEF STEVE EARLEY AT (951) 826-5332.

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 CONTRACTOR 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.
- 8 OPTICOM PHASE SELECTORS SHALL BE 2 CHANNEL UNITS ONLY.
- 9 AUDIBLE PEDESTRIAN SIGNAL SHALL BE INTERNAL MOUNT ONLY.
- 10 SEE PLAN R-3896 FOR STREET IMPROVEMENTS.
- 11 STRIPING HEREON IS FOR REFERENCE ONLY. SEE PLAN XL-509 FOR PROPOSED PAVEMENT DELINEATION.



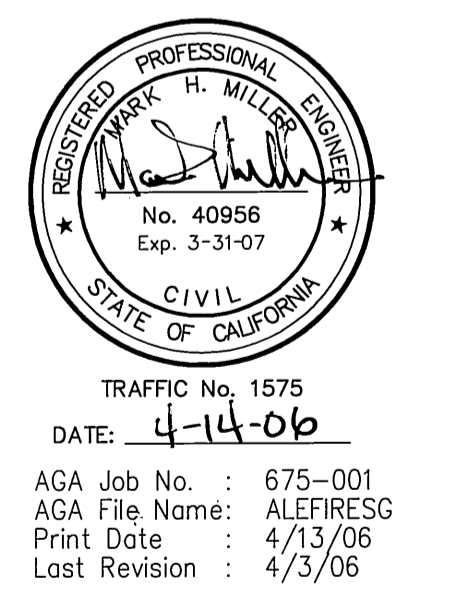
PREPARED FOR:
 TKE ENGINEERING, INC.
 P.O. BOX 2185
 RIVERSIDE, CA 92516
 PHONE (951) 680-0440
 FAX (951) 680-0490

MARK	REVISIONS	APPR.	DATE
DESIGNED BY	IS	DRAWN BY	IS
CHECKED BY	JAT		

CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS			
APPROVED BY	DATE	BY	APPROVED BY
PRINCIPAL ENGINEER	4/13/06	JK	4/13/06
TRAFFIC DIVISION	4/13/06	JK	4/13/06
CITY ENGINEER			
DATE	4/13/06		

TRAFFIC SIGNAL PLAN	
ALESSANDRO BOULEVARD AND FIRE STATION No. 9 DRIVEWAY	
HORIZ. SCALE: 1" = 20'	VERT. SCALE: N/A

ACCOUNT NO.
X-285
SHEET 1 OF 1



AGB Job No. : 675-001
 AGA File Name: ALEFIRESG
 Print Date : 4/13/06
 Last Revision : 4/13/06

ALBERT ROYER & ASSOCIATES
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