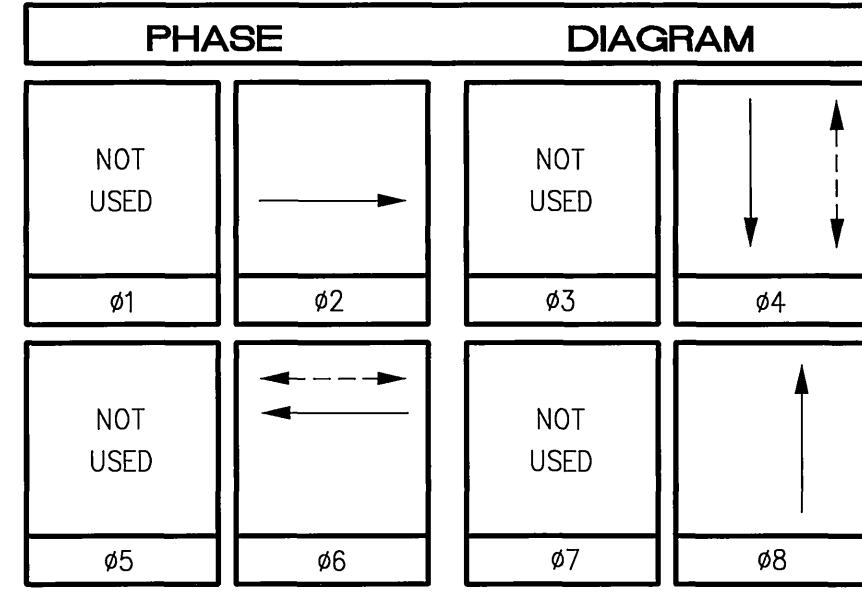
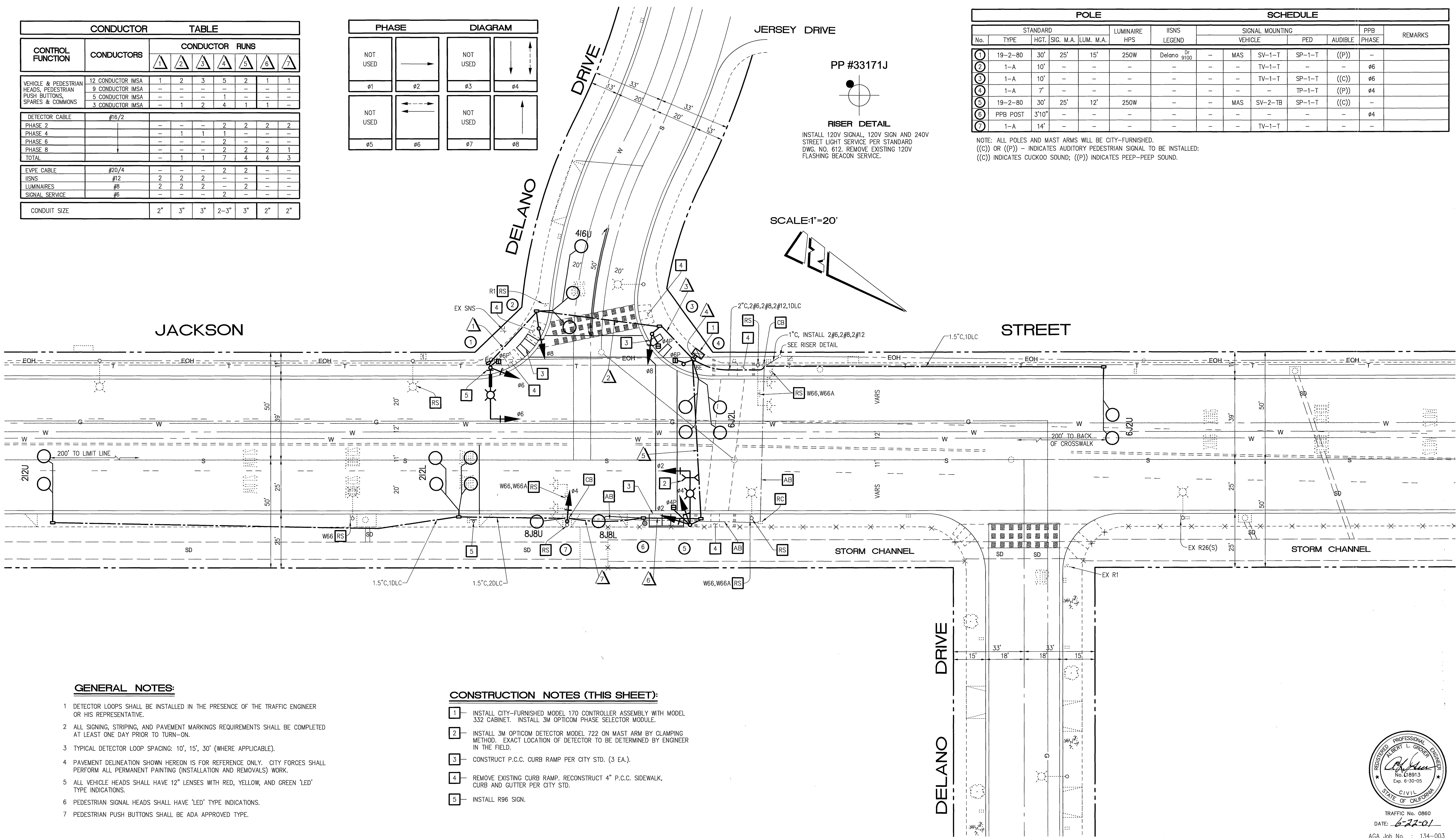


CONDUCTOR		TABLE					
CONTROL FUNCTION	CONDUCTORS	CONDUCTOR RUNS					
		1	2	3	4	5	6
VEHICLE & PEDESTRIAN HEADS, PEDESTRIAN PUSH BUTTONS, SPARES & COMMONS	12 CONDUCTOR IMSA 9 CONDUCTOR IMSA 5 CONDUCTOR IMSA 3 CONDUCTOR IMSA	1	2	3	4	5	6
DETECTOR CABLE	#16/2	-	-	-	2	2	2
PHASE 2		-	1	1	1	-	-
PHASE 4		-	-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



POLE										SCHEDULE			
No.	TYPE	HGT.	SIG. M.A.	LUM. M.A.	LUMINAIRE HPS	IISNS LEGEND	SIGNAL MOUNTING			PPB PHASE	REMARKS		
							VEHICLE	PED	AUDIBLE				
1	19-2-80	30'	25'	15'	250W	Delano Dr 9100	-	MAS	SV-1-T	SP-1-T	((P))	-	
2	1-A	10'	-	-	-	-	-	-	TV-1-T	-	-	#6	
3	1-A	10'	-	-	-	-	-	-	TV-1-T	SP-1-T	((C))	#6	
4	1-A	7'	-	-	-	-	-	-	-	TP-1-T	((P))	#4	
5	19-2-80	30'	25'	12'	250W	-	-	MAS	SV-2-TB	SP-1-T	((C))	-	
6	PPB POST	3'10"	-	-	-	-	-	-	-	-	-	#4	
7	1-A	14'	-	-	-	-	-	-	TV-1-T	-	-	-	

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.



PP #33171J

RISER DETAIL  
INSTALL 120V SIGNAL, 120V SIGN AND 240V STREET LIGHT SERVICE PER STANDARD DWG. NO. 612. REMOVE EXISTING 120V FLASHING BEACON SERVICE.

SCALE: 1"=20'

**GENERAL NOTES:**

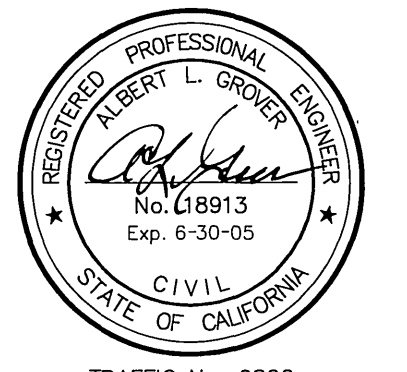
- DETECTOR LOOPS SHALL BE INSTALLED IN THE PRESENCE OF THE TRAFFIC ENGINEER OR HIS REPRESENTATIVE.
- ALL SIGNING, STRIPING, AND PAVEMENT MARKINGS REQUIREMENTS SHALL BE COMPLETED AT LEAST ONE DAY PRIOR TO TURN-ON.
- TYPICAL DETECTOR LOOP SPACING: 10', 15', 30' (WHERE APPLICABLE).
- PAVEMENT DELINEATION 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 3M OPTICOM DETECTOR MODEL 722 ON MAST ARM BY CLAMPING METHOD. EXACT LOCATION OF DETECTOR TO BE DETERMINED BY ENGINEER IN THE FIELD.
- CONSTRUCT P.C.C. CURB RAMP PER CITY STD. (3 EA.).
- REMOVE EXISTING CURB RAMP. RECONSTRUCT 4" P.C.C. SIDEWALK, CURB AND GUTTER PER CITY STD.
- INSTALL R96 SIGN.

Underground Service Alert  
Call: TOLL FREE  
1-800  
227-2600  
TWO WORKING DAYS BEFORE YOU DIG.

CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS				TRAFFIC SIGNAL PLAN		ACCOUNT NO.
APPROVED BY PRINCIPAL ENGINEER INSPECTION TRAFFIC DIVISION CHIEF P. W. ENGINEER PUBLIC UTILITIES		DATE 8/20/01 8/14/01 8/14/01 8/20/01		APPROVED BY R. McSwath PUBLIC WORKS DIRECTOR		DATE 8-20-2001
DESIGNED BY: _____ DRAWN BY: _____ CHECKED BY: _____				HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" = -		JACKSON STREET AT DELANO DRIVE
				X-238		SHEET - OF -

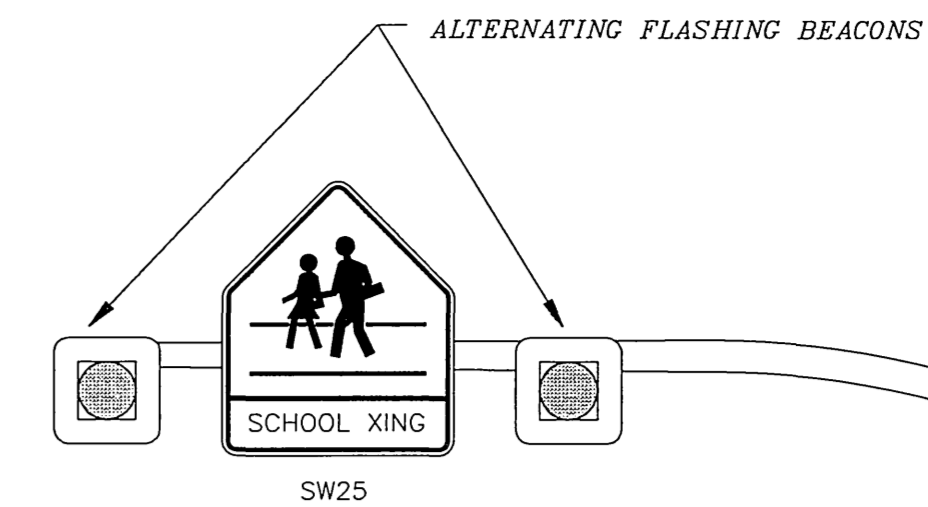


TRAFFIC No. 0860  
DATE: 6-22-01  
AGA Job No. : 134-003  
AGA File Name: JACDELSC  
Print Date : 6/21/01  
Last Revision : 6/21/01

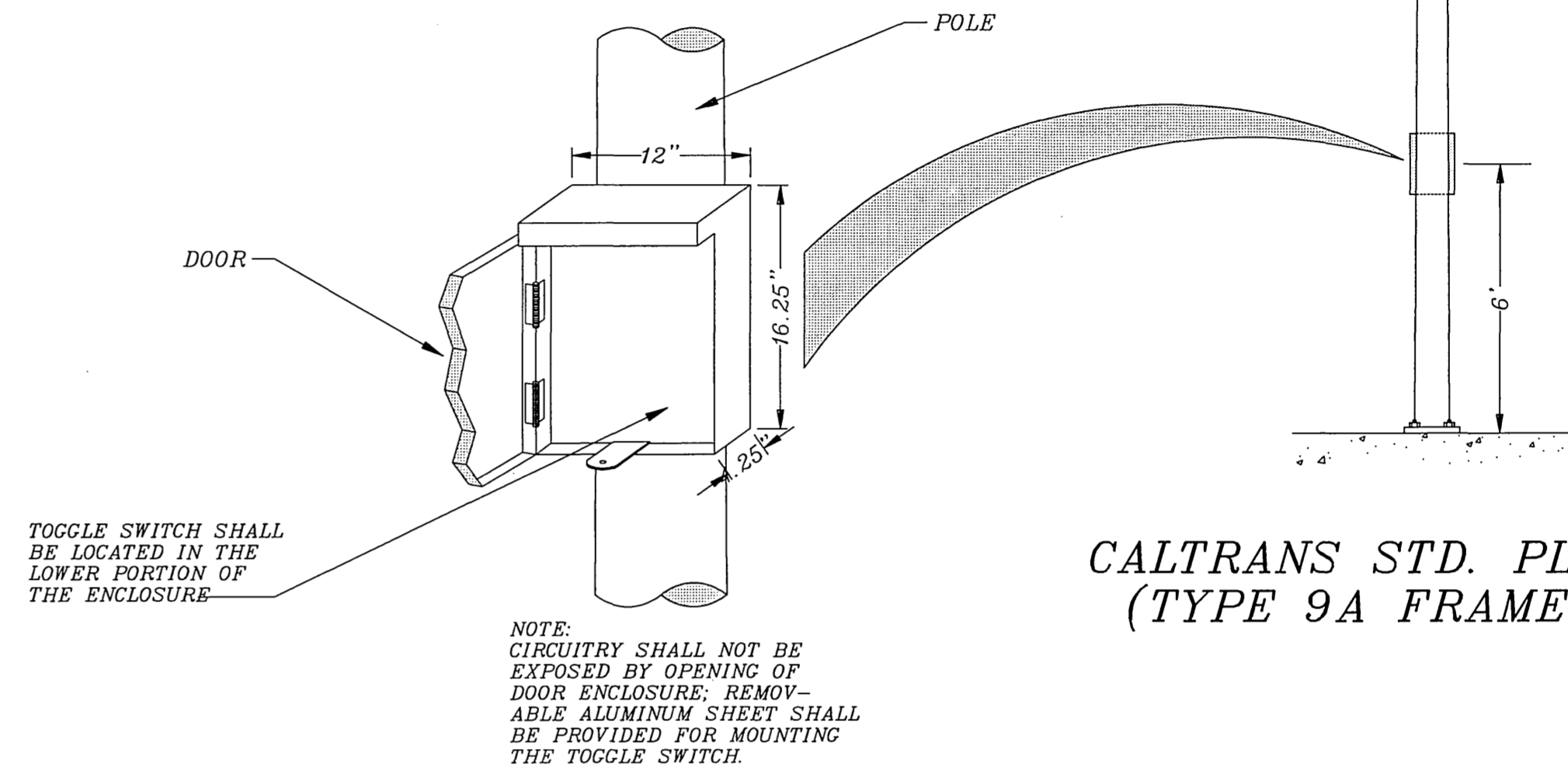
ALBERT GROVER & ASSOCIATES  
TRANSPORTATION CONSULTING ENGINEERS  
211 E. Imperial Hwy., Suite 208 Fullerton, CA 92835

**CONSTRUCTION NOTES**

- 1 INSTALL CITY FURNISHED CANTILEVER FLASHING BEACON (12" LENS) PER CALTRANS STANDARD PLAN ES-9A. ANCHOR BOLTS SHALL ALSO BE CITY FURNISHED.
- 2 INSTALL CITY FURNISHED SW25 SIGN (W66 & W66A FABRICATED AS A SINGLE UNIT) PER CALTRANS STANDARD PLAN ES-9A TYPE 9A FRAME DETAILS.
- 3 INSTALL CITY FURNISHED FLASHING BEACON CONTROL ASSEMBLY ON POLE; CIRCUITRY AND COMPONENTS SHALL CONFORM TO CALTRANS STANDARD PLAN ES-4C. OTHER REQUIREMENTS ARE AS FOLLOWS:

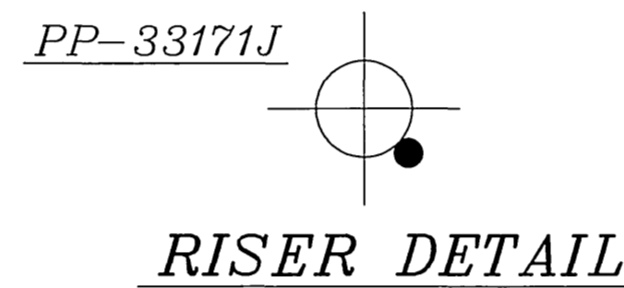


**CITY FURNISHED FLASHING BEACON CONTROL ASSEMBLY ENCLOSURE DETAIL**



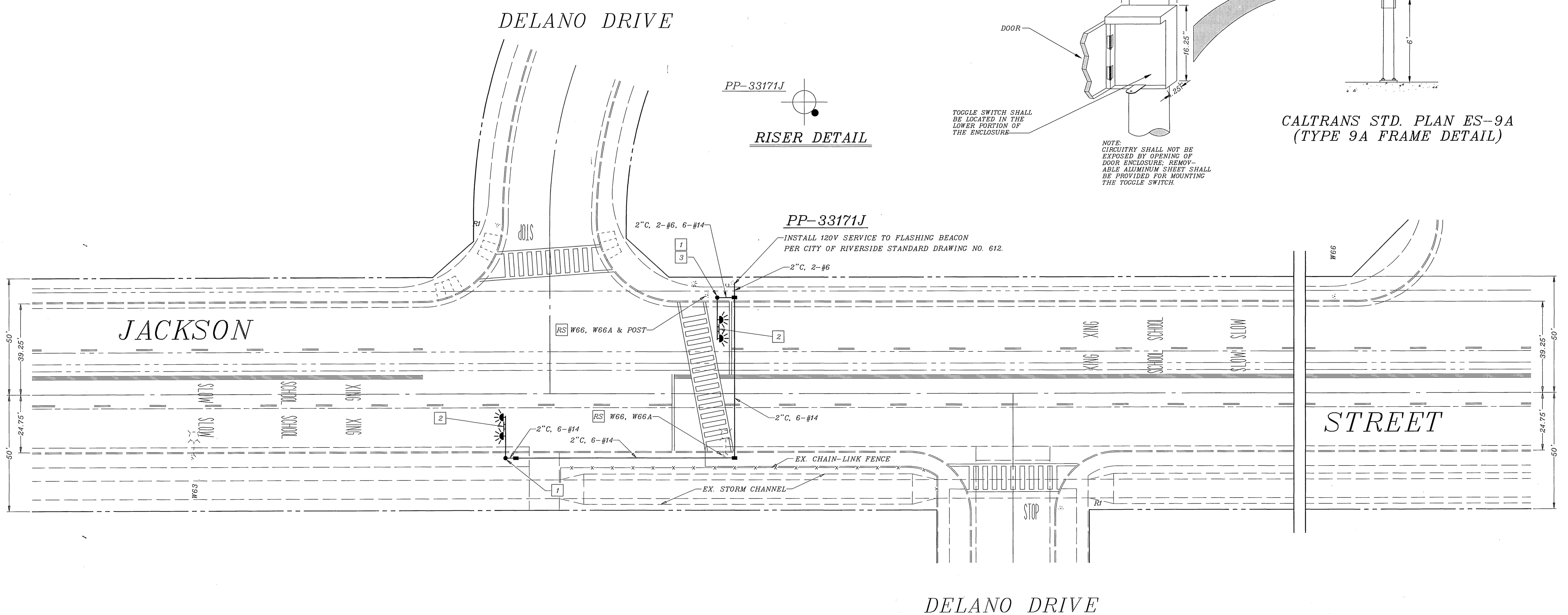
**CALTRANS STD. PLAN ES-9A (TYPE 9A FRAME DETAIL)**

**DELANO DRIVE**



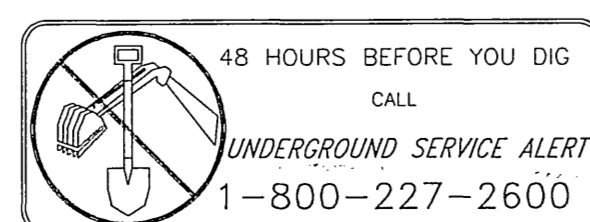
**PP-33171J**

INSTALL 120V SERVICE TO FLASHING BEACON PER CITY OF RIVERSIDE STANDARD DRAWING NO. 612.



**DELANO DRIVE**

**CONTRACT TE-95-1  
CONTRACT CHANGE ORDER NO. 3**



**ENGINEER IN RESPONSIBLE CHARGE**  
Richard D. McGrath  
RICHARD D. McGRATH  
R.C.E. No. 31952 expires 12-31-96  
DATE 2/28/96



MARK	REVISIONS	APPR.	DATE

DESIGNED BY: [Signature] DRAWN BY: MAC CHECKED BY: [Signature]

CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS			
APPROVED BY	BY	DATE	APPROVED BY
PRINCIPAL ENGINEER			DIRECTOR OF PUBLIC WORKS
P.W. INSPECTION	REK	2/27/96	[Signature]
TRAFFIC DIVISION	CS	2/29/96	
CHIEF P.W. ENGR			
PUBLIC UTILITIES			

**TRAFFIC SIGNAL**  
**DELANO DRIVE @ JACKSON STREET**  
SCALE: 1" = 20'

ACCT. NO. 0430-541600-440222-35088  
**X-238**  
SHEET 1 OF 1  
FILE NAME: X238.DWG