

### CONDUCTOR TABLE

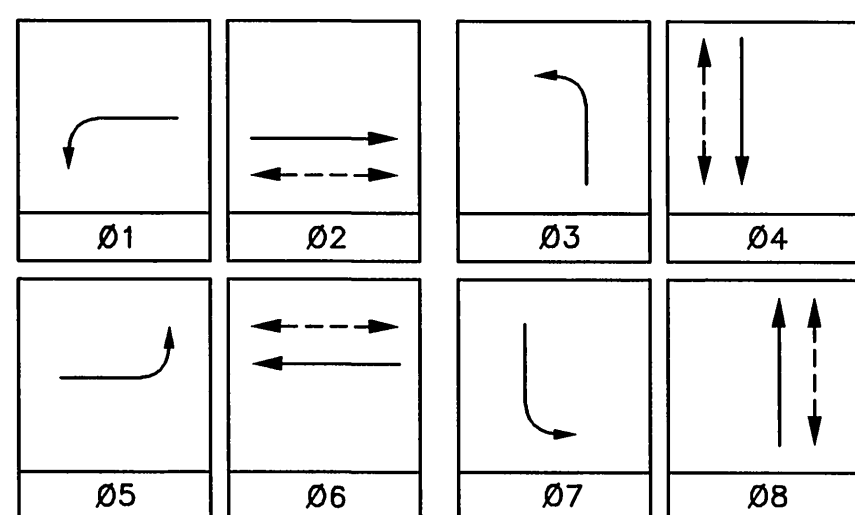
CONTROL FUNCTION	CONDUCTORS	CONDUCTOR RUNS								
		1	2	3	4	5	6	7	8	9
VEHICLE & PEDESTRIAN HEADS, PEDESTRIAN PUSH BUTTONS, SPARES & COMMONS	12 WIRE IMSA	1	2	3	4	5	8	2	1	8
	3 WIRE IMSA	-	1	1	2	2	4	1	0	4

DETECTOR CABLE	#16/2									
PHASE 1							1	1		1
PHASE 2				2	2	2	2	2		2
PHASE 3							1	1		1
PHASE 4		3	3	3	3	3	3	3		3
PHASE 5				1	1	1	1	1		1
PHASE 6							2	2		2
PHASE 7		1	1	1	1	1	1	1		1
PHASE 8							2	2		2
TOTAL		3	3	7	7	10	13	3	3	13

VEHICLE PREEMPTION	#20		1	1	2	2	4	1	1	4
I.I.S.N.S.	#12		2	2	2	2	2	2	2	
LUMINAIRES	#8		2	2	2	2	2	2	2	
SIGNAL SERVICE	#6						2			2
INTERCONNECT	6 PAIR #19						1	1	1	1

CONDUIT SIZE	2"(E)	2.5"(E)	3"(E)	3"(E)	3.5"(E)	2-2"(N)	3"(E)	2.5"(E)	2-3.5"(N)
NOTE:	1. SIGNAL SYSTEM SHALL HAVE NEW CABLES AND CONDUCTORS.								
	2. SEE SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION ON I.M.S.A. CABLE.								
	(N) = NEW (E) = EXISTING								

### PHASE DIAGRAM



FLASHING OPERATION SHALL BE ALL RED.

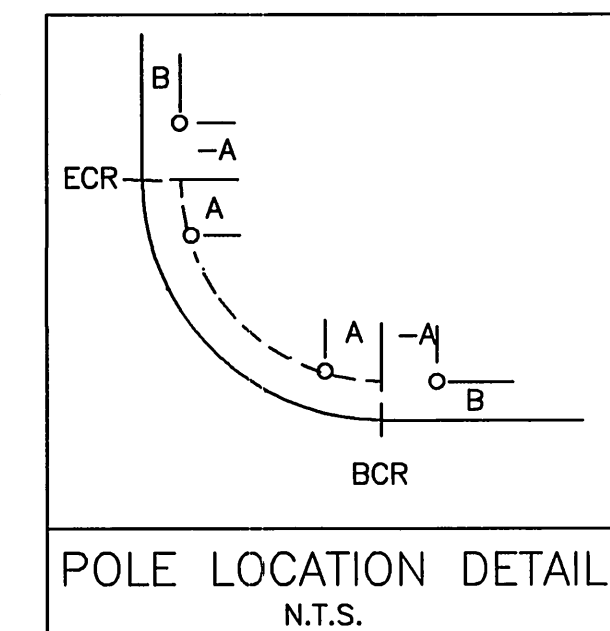
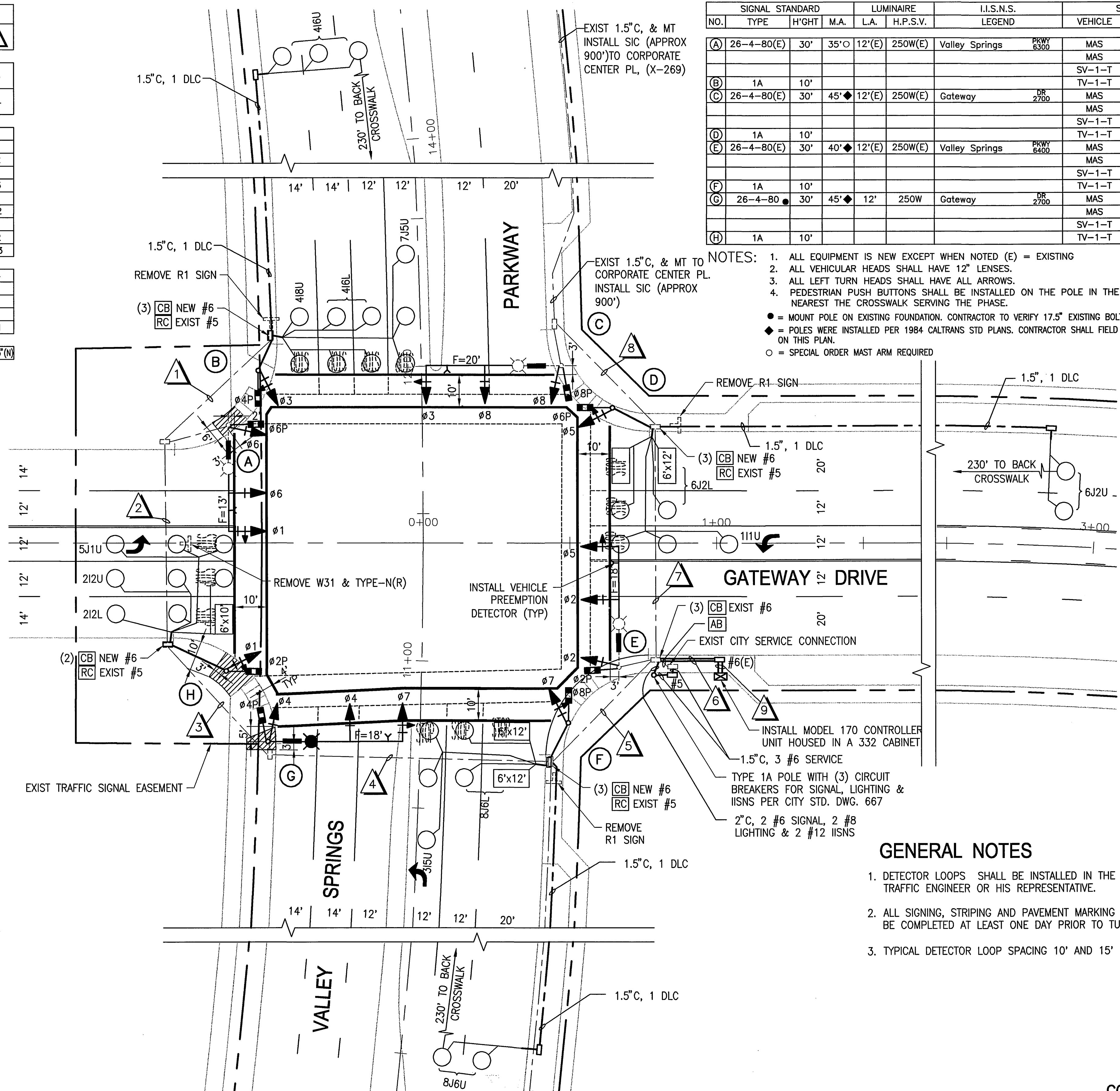
### PAVEMENT DELINEATION

- INDICATES STRIPING AND PAVEMENT MARKINGS TO BE INSTALLED. INSTALL NEW CROSSWALK PER DIMENSION SHOWN FROM EXISTING POLE
- INDICATES STRIPING AND PAVEMENT MARKINGS TO REMAIN
- INDICATES STRIPING AND PAVEMENT MARKINGS TO BE REMOVED
- INDICATES 4" PCC SIDEWALK. MATCH EXISTING SIDEWALK GRADE.

### EQUIPMENT SCHEDULE

NO.	SIGNAL STANDARD			LUMINAIRE		I.I.S.N.S.		SIGNAL MOUNTINGS			PPB PHASE	POLE LOCATION	
	TYPE	H'GHT	M.A.	L.A.	H.P.S.V.	LEGEND	VEHICLE	PEDESTRIAN	AUDIBLE	A		B	
(A)	26-4-80(E)	30'	35°	12'(E)	250W(E)	Valley Springs	PKWY 6300	MAS					EXISTING
								MAS					
								SV-1-T	SP-1-T		4		
(B)	1A	10'						TV-1-T	SP-1-T		6	9'	5'
(C)	26-4-80(E)	30'	45°	12'(E)	250W(E)	Gateway	DR 2700	MAS					EXISTING
								MAS					
								SV-1-T	SP-1-T		6		
(D)	1A	10'						TV-1-T	SP-1-T		8	13'	5'
(E)	26-4-80(E)	30'	40°	12'(E)	250W(E)	Valley Springs	PKWY 6400	MAS					EXISTING
								MAS					
								SV-1-T	SP-1-T		8		
(F)	1A	10'						TV-1-T	SP-1-T		2	11'	5'
(G)	26-4-80	30'	45°	12'	250W	Gateway	DR 2700	MAS					EXISTING
								MAS					
								SV-1-T	SP-1-T		2		
(H)	1A	10'						TV-1-T	SP-1-T		4	20'	5'

- NOTES:
- ALL EQUIPMENT IS NEW EXCEPT WHEN NOTED (E) = EXISTING
  - ALL VEHICULAR HEADS SHALL HAVE 12" LENSES.
  - ALL LEFT TURN HEADS SHALL HAVE ALL ARROWS.
  - PEDESTRIAN PUSH BUTTONS SHALL BE INSTALLED ON THE POLE IN THE QUADRANT NEAREST THE CROSSWALK SERVING THE PHASE.
- = MOUNT POLE ON EXISTING FOUNDATION. CONTRACTOR TO VERIFY 17.5" EXISTING BOLT LAYOUT IN FOUNDATION PRIOR TO ORDERING NEW POLE.
  - ◆ = POLES WERE INSTALLED PER 1984 CALTRANS STD PLANS. CONTRACTOR SHALL FIELD VERIFY DIMENSIONS PRIOR TO ORDERING NEW SMA TO BE INSTALLED ON THIS PLAN.
  - = SPECIAL ORDER MAST ARM REQUIRED



### GENERAL NOTES

- DETECTOR LOOPS SHALL BE INSTALLED IN THE PRESENCE OF THE TRAFFIC ENGINEER OR HIS REPRESENTATIVE.
- ALL SIGNING, STRIPING AND PAVEMENT MARKING REQUIREMENTS SHALL BE COMPLETED AT LEAST ONE DAY PRIOR TO TURN-ON.
- TYPICAL DETECTOR LOOP SPACING 10' AND 15' (WHERE APPLICABLE).

**IMPORTANT NOTICE**  
 Section 4210/4217 of the Government Code requires a Dig Alert Identification Number to be placed before a "Permit to Excavate" will be valid. For your Dig Alert ID Number call CALL TOLL FREE TWO WORKING DAYS BEFORE YOU DIG UNDERGROUND SERVICE ALERT 1-800-227-2600

ENGINEER IN RESPONSIBLE CHARGE  
 STEVEN B. FRIESEN  
 R.C.E. No. 42110 expires 3/31/06  
 DATE April 20, 04

REGISTERED PROFESSIONAL ENGINEER  
 No. C-942110  
 Exp. 3/31/06  
 CIVIL  
 STATE OF CALIFORNIA

MARK REVISIONS APPR. DATE  
 DESIGNED BY TZ DRAWN BY KT CHECKED BY SBF

CITY OF RIVERSIDE, CALIFORNIA  
 DEPARTMENT OF PUBLIC WORKS  
 APPROVED BY: [Signature] DATE: 4/27/04  
 TRAFFIC DIVISION: [Signature] DATE: 4/26/04  
 PUBLIC UTILITIES: [Signature] DATE: 4/27/04

CONTRACT TE-03-03  
 TRAFFIC SIGNAL  
 VALLEY SPRINGS PKWY AND GATEWAY DRIVE  
 SCALE: 1" = 20'

ACCT. NO. 2390240 - 455023  
**X-268**  
 SHEET 1 OF 1  
 FILE NAME: X268.DWG