

FLASHING OPERATION: ALL RED.

PAVEMENT DELINEATION

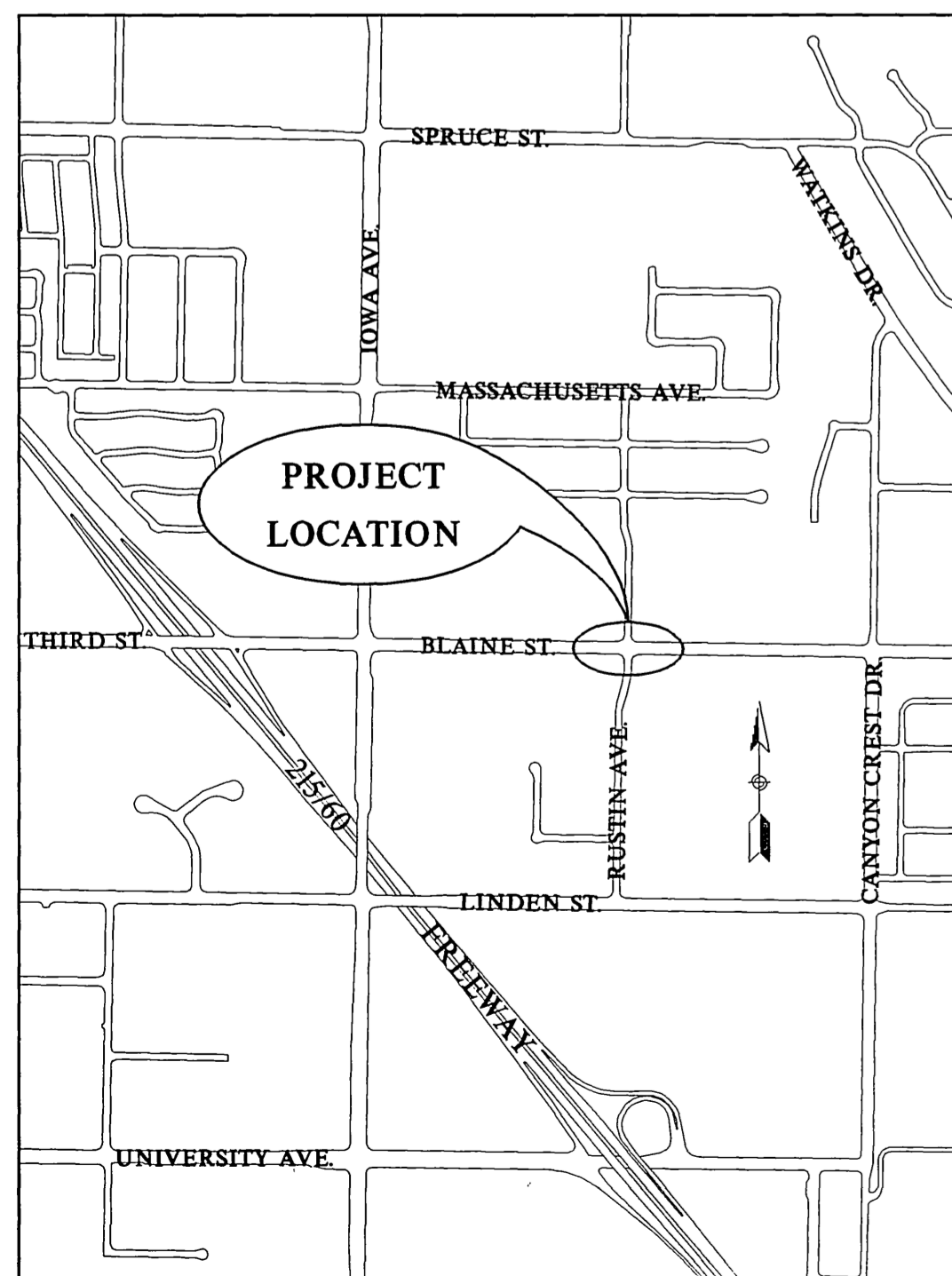
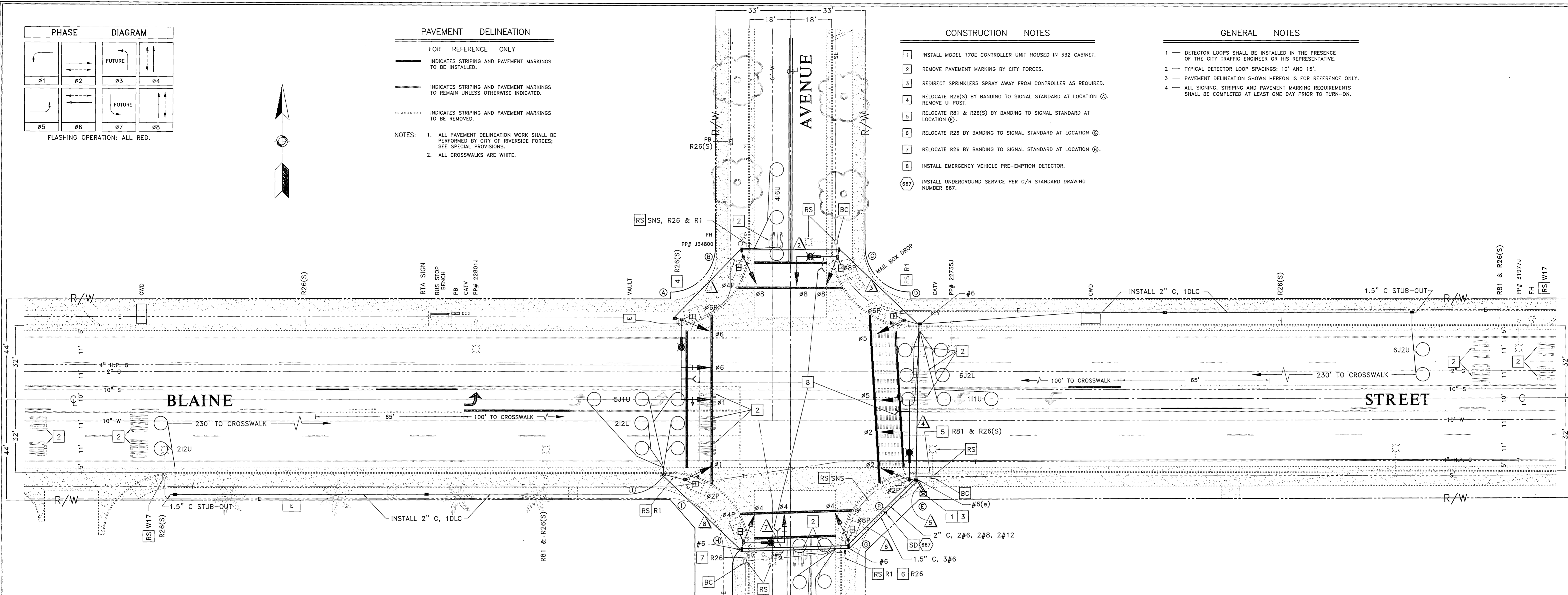
- FOR REFERENCE ONLY
- INDICATES STRIPING AND PAVEMENT MARKINGS TO BE INSTALLED.
 - INDICATES STRIPING AND PAVEMENT MARKINGS TO REMAIN UNLESS OTHERWISE INDICATED.
 - INDICATES STRIPING AND PAVEMENT MARKINGS TO BE REMOVED.
- NOTES:
- ALL PAVEMENT DELINEATION WORK SHALL BE PERFORMED BY CITY OF RIVERSIDE FORCES; SEE SPECIAL PROVISIONS.
 - ALL CROSSWALKS ARE WHITE.

CONSTRUCTION NOTES

- INSTALL MODEL 170E CONTROLLER UNIT HOUSED IN 332 CABINET.
- REMOVE PAVEMENT MARKING BY CITY FORCES.
- REDIRECT SPRINKLERS SPRAY AWAY FROM CONTROLLER AS REQUIRED.
- RELOCATE R26(S) BY BANDING TO SIGNAL STANDARD AT LOCATION (A). REMOVE U-POST.
- RELOCATE R81 & R26(S) BY BANDING TO SIGNAL STANDARD AT LOCATION (C).
- RELOCATE R26 BY BANDING TO SIGNAL STANDARD AT LOCATION (D).
- RELOCATE R26 BY BANDING TO SIGNAL STANDARD AT LOCATION (E).
- INSTALL EMERGENCY VEHICLE PRE-EMPTION DETECTOR.
- INSTALL UNDERGROUND SERVICE PER C/R STANDARD DRAWING NUMBER 667.

GENERAL NOTES

- DETECTOR LOOPS SHALL BE INSTALLED IN THE PRESENCE OF THE CITY TRAFFIC ENGINEER OR HIS REPRESENTATIVE.
- TYPICAL DETECTOR LOOP SPACINGS: 10' AND 15'.
- PAVEMENT DELINEATION SHOWN HEREON IS FOR REFERENCE ONLY.
- ALL SIGNING, STRIPING AND PAVEMENT MARKING REQUIREMENTS SHALL BE COMPLETED AT LEAST ONE DAY PRIOR TO TURN-ON.



VICINITY MAP

NO SCALE

CONTROL FUNCTION	CONDUCTORS	CONDUCTOR TABLE									
		CONDUCTOR				RUNS					
VEHICLE & PEDESTRIAN HEADS, PEDESTRIAN PUSH BUTTONS, SPARES & COMMONS	12 WIRE IMSA 9 WIRE IMSA 5 WIRE IMSA 3 WIRE IMSA	1	1	1	1	2	3	6	3	2	1
DETECTOR CABLE	#16/2	-	-	-	-	-	-	-	-	-	-
PHASE 1		-	-	-	1	1	-	-	-	-	-
PHASE 2		-	-	-	-	-	2	2	2	2	-
PHASE 3 (FUTURE)		-	-	-	-	-	-	-	-	-	-
PHASE 4		-	-	-	1	1	1	1	-	-	-
PHASE 5		-	-	-	-	-	1	1	1	1	-
PHASE 6		-	-	-	-	-	2	2	-	-	-
PHASE 7 (FUTURE)		-	-	-	-	-	-	-	-	-	-
PHASE 8		-	-	-	-	-	2	2	-	-	-
TOTALS		-	-	-	1	1	4	9	5	3	3
PRE-EMPTION CABLE	4#20	1	1	2	2	4	1	1	-	-	-
INTERCONNECT CABLE	6-PAIR #19	-	-	-	-	-	-	-	-	-	-
I.I.S.N.S.	#12	2	2	2	2	-	2	2	-	-	-
LUMINAIRES	#8	2	2	2	2	-	2	2	-	-	-
SIGNAL SERVICE	#8	-	-	-	-	-	2	2	-	-	-
CONDUIT SIZE		3"	3"	3"	3"	2-3"	3"	3"	3"	3"	

NOTE:
1. SEE SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION ON EMERGENCY VEHICLE PRE-EMPTION CABLE.

NO.	SIGNAL STANDARD	TYPE	HEIGHT	M.A.	LUMINAIRE	I.I.S.N.S.	LEGEND	SCHEDULE			REMARKS
								VEHICLE	PEDESTRIAN	AUDIBLE	
(A)	24-4-80	30'	35'	12'	250W	RUSTIN AVE 3200	MAS SV-1-T	SP-1-T	((P))	4	SEE NOTE 4.
(B)	1A	10'				BLAINE ST 1000	MAS SV-1-T	SP-1-T	((C))	6	
(C)	17-2-80	30'	20'	12'	250W	BLAINE ST 1000	MAS SV-1-T	SP-1-T	((P))	8	
(D)	1A	10'				RUSTIN AVE 3300	MAS SV-1-T	SP-1-T	((P))	8	SEE NOTE 5.
(E)	1A	10'				RUSTIN AVE 3300	MAS SV-1-T	SP-1-T	((P))	8	SERVICE DISCONNECT
(F)	1A	10'				RUSTIN AVE 3300	MAS SV-1-T	SP-1-T	((P))	8	SEE NOTE 6.
(G)	17-2-80	30'	20'	12'	250W	BLAINE ST 1100	MAS SV-1-T	SP-1-T	((C))	2	SEE NOTE 7.
(H)	1A	10'				BLAINE ST 1100	MAS SV-1-T	SP-1-T	((P))	4	

- NOTES:
- 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.
 - LUMINAIRES SHALL BE HIGH PRESSURE SODIUM VAPOR.
 - ((C)) OR ((P)) INDICATES AUDITORY PEDESTRIAN SIGNAL TO BE INSTALLED. ((C)) INDICATES CUCKOO SOUND. ((P)) INDICATES PEEP-PEEP SOUND.
 - TYPE 1-A STANDARDS SHALL BE ALUMINUM.
 - LOCATION OF THE EMERGENCY VEHICLE PRE-EMPTION DETECTOR SHALL BE AS DETERMINED IN THE FIELD BY THE MANUFACTURER'S REPRESENTATIVE.
 - PROVIDE TOP MOUNT SLIP FITTER FOR CITY SUPPLIED SERVICE ENCLOSURE AT POLE LOCATION (C).

IMPORTANT NOTICE
Section 4216/4217 of the Government Code requires a Dig Alert identification Number to be issued before a "Normal to Excavate" will be used. 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
THOMAS JOHN BOYD
R.C.E. No. 36170 expires 6/30/02
DATE 5/18/00

REGISTERED PROFESSIONAL ENGINEER
THOMAS JOHN BOYD
No. 36170
Exp. 06-30-2000
CIVIL
STATE OF CALIFORNIA

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

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
APPROVED BY: [Signature] DATE: 5-19-00
PRINCIPAL ENGINEER: [Signature]
P.W. INSPECTOR: [Signature]
TRAFFIC DIVISION: [Signature]
PUBLIC UTILITIES: [Signature]

TRAFFIC SIGNAL INSTALLATION
BLAINE STREET AND RUSTIN AVENUE
SCALE: 1" = 20'

X-501
SHEET 1 OF 1
FILE NAME: X501.DWG

CONTRACT TE-00-1
CONTRACTOR'S LICENSE REQUIREMENTS "A" OR "C-10"