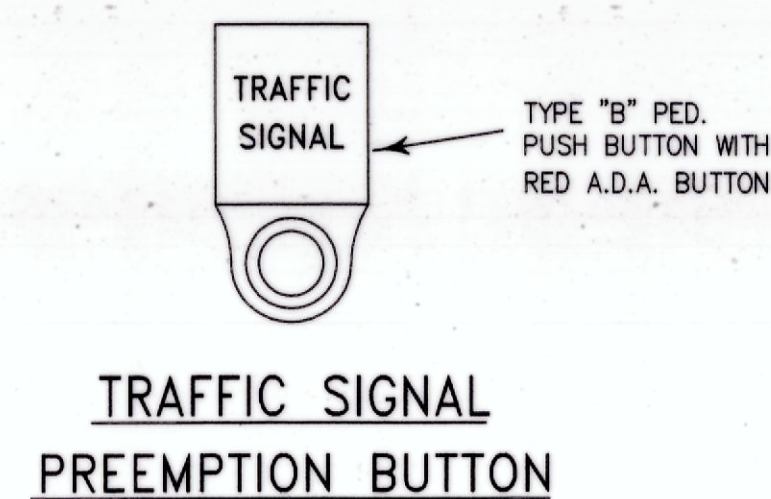
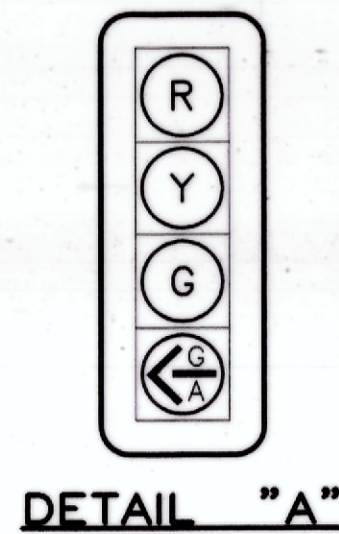
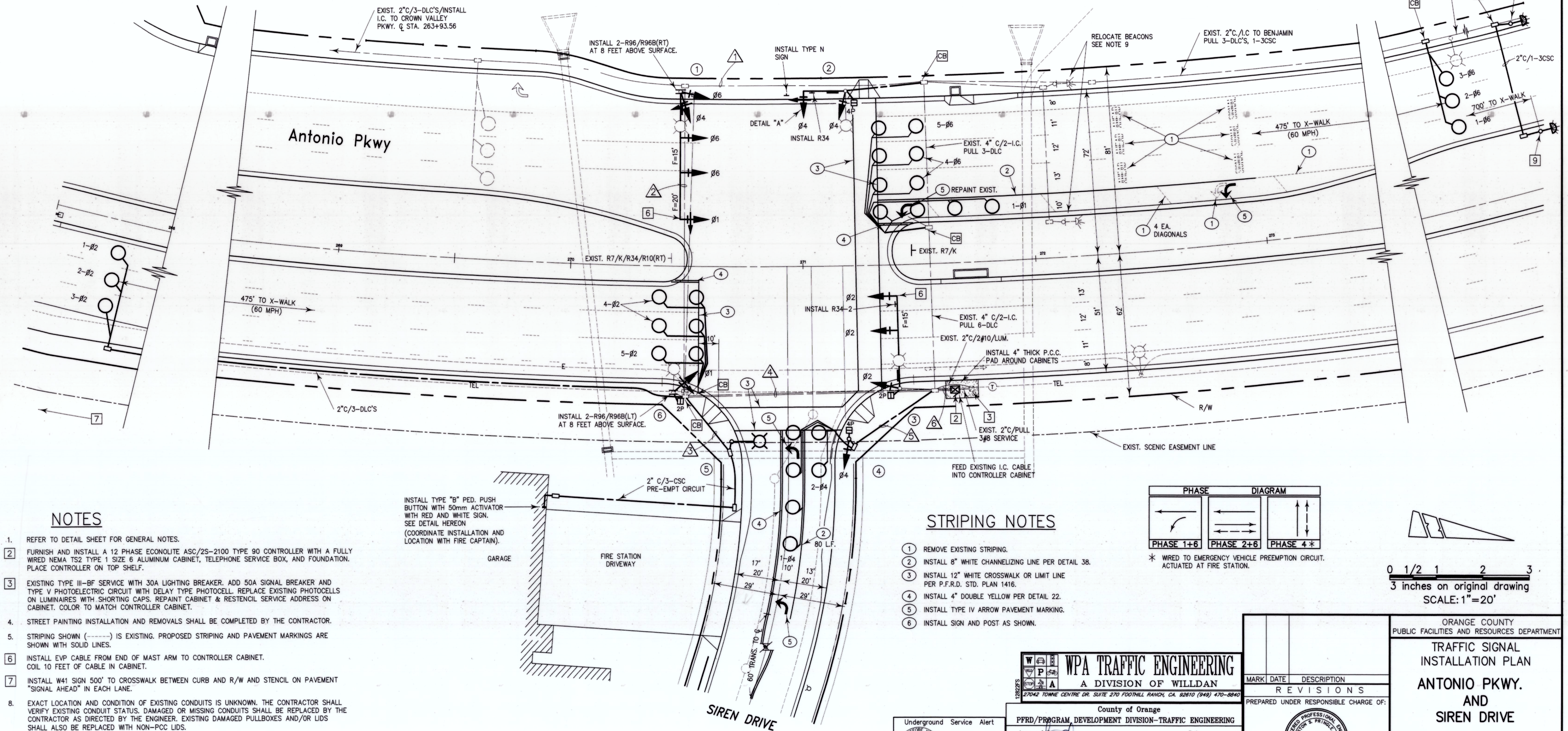


DETECTOR		SCHEDULE	
SENSOR *			
UNIT	CHANNEL	LOOP DETECTORS	
1	1	1- θ_2	
	2	2- θ_2	
2	1	3- θ_2	
	2	4- θ_2	
3	1	5- θ_2	
	2	1- θ_1	
4	1	1- θ_6	
	2	2- θ_6	
5	1	3- θ_6	
	2	4- θ_6	
6	1	5- θ_6	
	2	1- θ_4	
7	1	2- θ_4	
	2	S.P.A.R.E	
8	1	E.V.P 1	$\theta_1 + \theta_6$
	2	E.V.P 2	θ_2
9	1	E.V.P 3	θ_4
	2	E.V.P 4	S.P.A.R.E



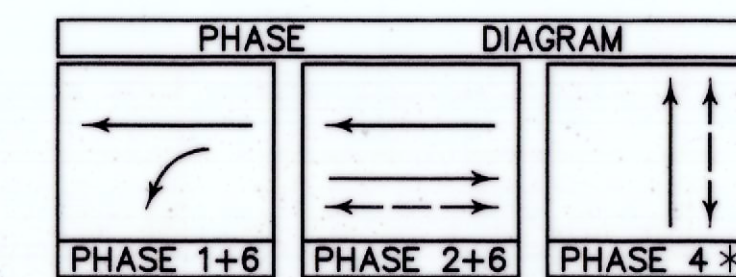
POLE							SCHEDULE					
No.	TYPE	STANDARD			LUMINAIRE HPSV	R.S.N.S. LEGEND	SIGNAL MOUNTING		PED PUSH BTN		REMARKS	
		HEIGHT	SIG.M.A.	LUM.M.A.			VEHICLE	PED	PHASE	ARROW		
1	29-5-80 (E)	30'	55'	15' (E)	250 W (E)	Siren	MAS LT	MAS 2eo	SV-2-TA	-	-	INSTALL 2-R96/R96B'S
2	17-3-80 (E)	30'	18'	12' (E)	250 W (E)	Antonio	-	MAS	SV-1-T	SP-1-CS	4	← RELOCATE POLE TO CLEAR NEW ACCESS RAMP
3	26-4-80 (E)	30'	35'	15' (E)	250 W (E)	Siren	-	MAS 2eo	SV-1-T	SP-1-CS	4	←
4	1-A	10' (3.05)	-	-	-	-	-	-	TV-1-T	SP-1-CS	2	→
5	15	30' (9.1)	-	12' (3.6)	200 W	-	-	-	-	-	2	←
6	15 (E)	30'	-	15' (E)	250 W (E)	-	-	-	SV-1-T	SP-1-CS	-	- INSTALL 2-R96/R96B'S

1. EQUIPMENT IS NEW EXCEPT WHERE SHOWN: (E)=EXISTING. EXISTING POLES ARE PER STATE 1992 STANDARDS.
2. ALL SIGNAL HEADS SHALL HAVE 12" INDICATIONS WITH GLASS LENSES AND REFLECTORS. ALL RED AND GREEN INDICATIONS SHALL BE L.E.D. AND CALTRANS APPROVED.
3. R.S.N.S.=REFLECTORIZED STREET NAME SIGN - SEE SPECIAL PROVISIONS.
4. ALL NEW POLES ARE PER CALTRANS PLANS DATED JULY, 1999.
5. ALL ORANGE HANDS SHALL BE LED'S PER JULY 1999 SPEC'S.



STRIPING NOTES

- ① REMOVE EXISTING STRIPING.
- ② INSTALL 8" WHITE CHANNELIZING LINE PER DETAIL 38.
- ③ INSTALL 12" WHITE CROSSWALK OR LIMIT LINE PER P.F.R.D. STD. PLAN 1416.
- ④ INSTALL 4" DOUBLE YELLOW PER DETAIL 22.
- ⑤ INSTALL TYPE IV ARROW PAVEMENT MARKING.
- ⑥ INSTALL SIGN AND POST AS SHOWN.



* WIRED TO EMERGENCY VEHICLE PREEMPTION CIRCUIT.
ACTUATED AT FIRE STATION.

0 1/2 1 2 3
3 inches on original drawing
SCALE: 1"=20'


WPA TRAFFIC ENGINEERING
 A DIVISION OF WILLDAN
 27042 TOWNE CENTRE DR. SUITE 270 Foothill Ranch, CA. 92610 (949) 470-8840

County of Orange
PFRD/PROGRAM DEVELOPMENT DIVISION-TRAFFIC ENGINEERING

Approved By:  Date: 4/18/01

THIS PLAN IS SIGNED BY PFRD/T.E. FOR CONCEPT AND ADHERENCE TO COUNTY TRAFFIC SIGNALS, SIGNING AND STRIPING STANDARDS AND REQUIREMENTS ONLY. PFRD/T.E. IS NOT RESPONSIBLE FOR DESIGN ASSUMPTIONS OR ACCURACY.

MARK	DATE	DESCRIPTION
R E V I S I O N S		
PREPARED UNDER RESPONSIBLE CHARGE OF:		



REGISTERED PROFESSIONAL ENGINEER
WESTON J. ANGLE, JR.
No. 16828
EXP. 6/30/01

Y
7.

DATE

ORANGE COUNTY
PUBLIC FACILITIES AND RESOURCES DEPARTMENT

TRAFFIC SIGNAL
INSTALLATION PLAN

ANTONIO PKWY.
AND
SIREN DRIVE

DESIGNED: RLM		SHEET 7
DRAWN: RLM	CHECKED: _____	
SCALE 1"=20'	DATE 3/8/01	DRAWING NO. OF 8

8