

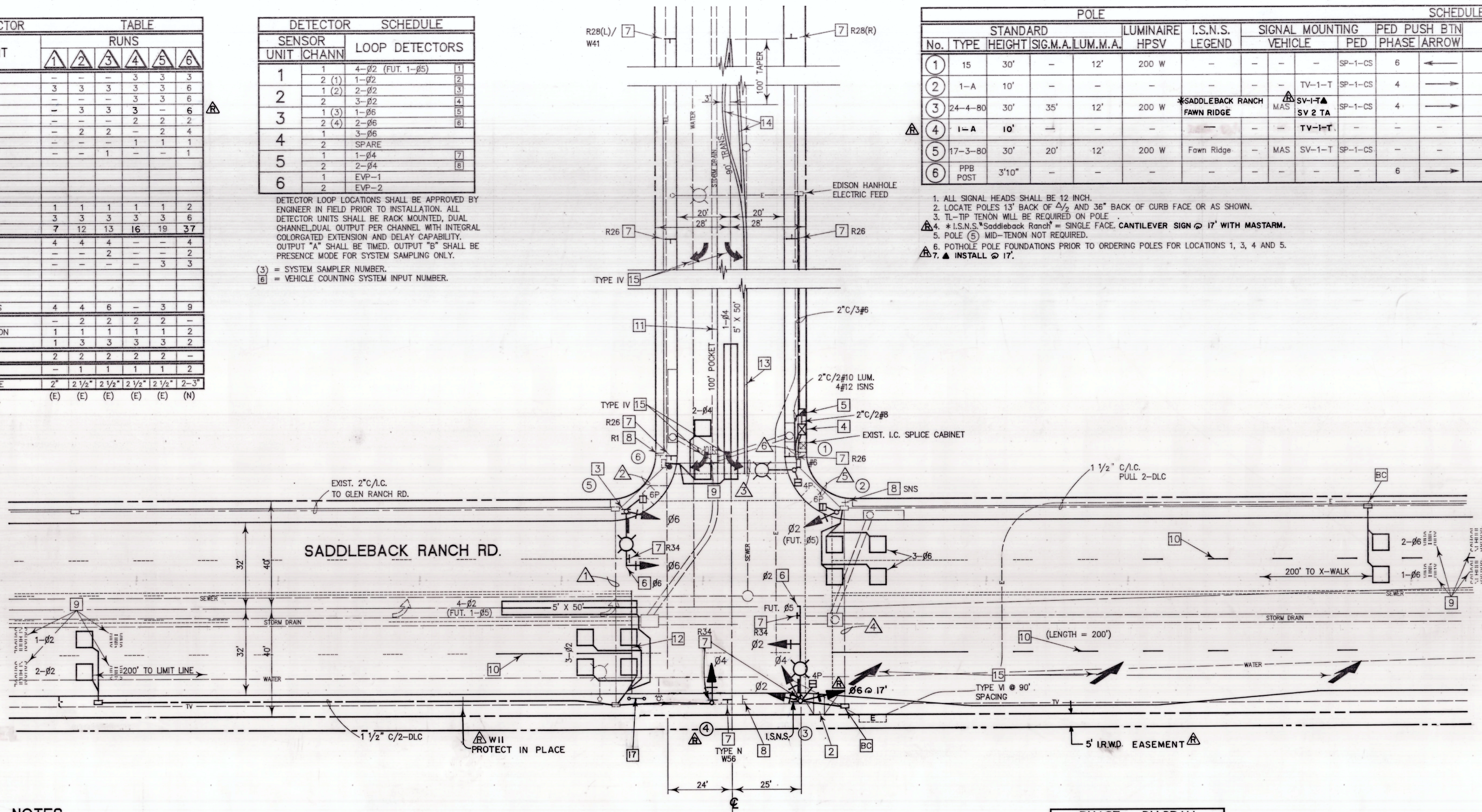
FAWN RIDGE RD.

CONDUCTOR		TABLE					
AWG	CIRCUIT	RUNS					
		1	2	3	4	5	6
#14	Ø2	—	—	—	3	3	3
	Ø4	3	3	3	3	3	6
	Ø5 (FUT.)	—	—	—	3	3	6
	Ø6	—	3	3	3	—	6
	Ø4 PED	—	—	—	2	2	2
	Ø6 PED	—	2	2	—	2	4
DLC	Ø4 PPB	—	—	—	1	1	1
	Ø6 PPB	—	—	1	—	—	1
	PPB COMMON	1	1	1	1	1	2
	SPARES	3	3	3	3	3	6
	TOTAL	7	12	13	16	19	37
	Ø2 DETECTOR	4	4	4	—	—	4
#10	Ø4 DETECTOR	—	—	2	—	—	2
	Ø6 DETECTOR	—	—	—	3	3	3
	TOTAL CABLES	4	4	6	—	3	9
#12	LUMINAIRE	—	2	2	2	2	—
	SIGNAL COMMON	1	1	1	1	1	2
	TOTAL	1	3	3	3	3	2
#20	ISNS	2	2	2	2	2	—
	EVP	—	1	1	1	1	2
CONDUIT SIZE		2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2-3"
(N)=NEW, (E)= EXIST.		(E)	(E)	(E)	(E)	(E)	(N)

DETECTOR		SCHEDULE	
SENSOR UNIT	CHANN	LOOP DETECTORS	
1	1	4-Ø2 (FUT. 1-Ø5)	1
	2 (1)	1-Ø2	2
2	1 (2)	2-Ø2	3
	2	3-Ø2	4
3	1 (3)	1-Ø6	5
	2 (4)	2-Ø6	6
4	1	3-Ø6	7
	2	SPARE	8
5	1	1-Ø4	9
	2	2-Ø4	10
6	1	EVP-1	11
	2	EVP-2	12

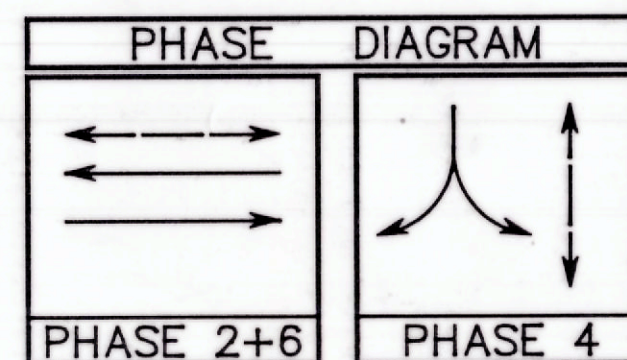
DETECTOR LOOP LOCATIONS SHALL BE APPROVED BY ENGINEER IN FIELD PRIOR TO INSTALLATION. ALL DETECTOR UNITS SHALL BE RACK MOUNTED, DUAL CHANNEL, DUAL OUTPUT PER CHANNEL WITH INTEGRAL COLORGATED EXTENSION AND DELAY CAPABILITY. OUTPUT "A" SHALL BE TIMED. OUTPUT "B" SHALL BE PRESENCE MODE FOR SYSTEM SAMPLING ONLY.

(3) = SYSTEM SAMPLER NUMBER.
(6) = VEHICLE COUNTING SYSTEM INPUT NUMBER.

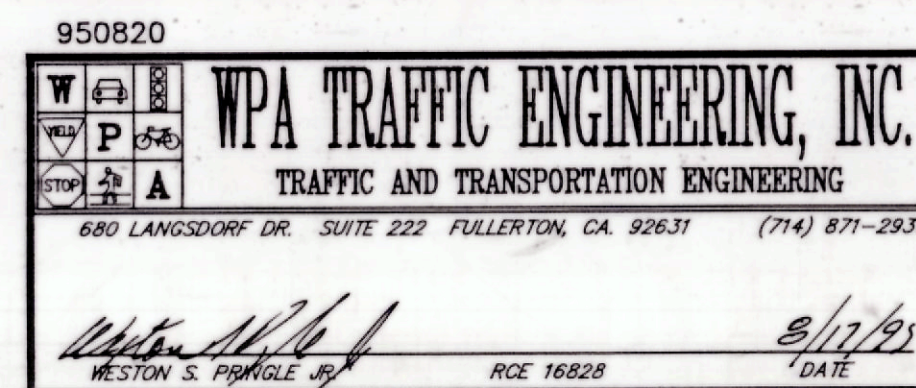
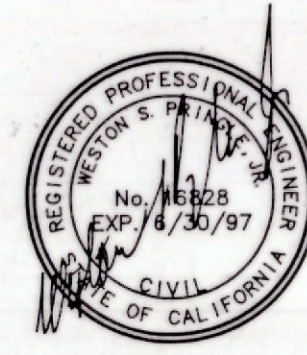


NOTES

1. REFER TO DETAIL SHEET FOR GENERAL NOTES.
2. INSTALL WHEELCHAIR RAMPS PER OCEMA STD. PLAN 102-0-C.
3. FURNISH AND INSTALL R96 SIGNS ON BOTH SIDES OF POLES. MIN. HEIGHT 7'.
4. FURNISH AND INSTALL 8 PHASE SYSTEM CONTROLLER WITH 10 LOOP DETECTOR CHANNELS AND TELEMETRY IN A TYPE 'P' CABINET.
5. FURNISH AND INSTALL TYPE III 120/240 VOLT SIGNAL AND LIGHTING SERVICE WITH 50 AMP. SIGNAL, 30 AMP. LIGHTING, AND 15 AMP. I.S.N.S. BREAKERS.
6. FURNISH AND INSTALL EVP CABLE FROM END OF MAST ARM TO CONTROLLER CABINET. TERMINATE EVP CABLE INTO SPECIAL FUNCTION PANEL ON LEFT CABINET WALL.
7. FURNISH AND INSTALL SIGN AS SHOWN.
8. REMOVE AND SALVAGE SIGN AND POST AS SHOWN.
9. SANDBLAST REMOVE EXISTING CONFLICTING STRIPING AND/OR PAVEMENT MARKINGS.
10. INSTALL 4\" WHITE LANELINE WITH 50\" SOLID WHITE AT INTERSECTION PER DETAIL 9.
11. INSTALL 8\" WHITE CHANNELIZATION LINE PER DETAIL 38.
12. PAINT 12\" WHITE LIMIT LINE.
13. INSTALL 4\" DOUBLE YELLOW PER DETAIL 22.
14. INSTALL 4\" DOUBLE YELLOW PER DETAIL 29.
15. PAINT PAVEMENT MARKING AS SHOWN.
16. RELOCATE SIGN AND POST.
17. INSTALL PEDESTRIAN BARRICADE AND SIGN PER CALTRANS STD. PLAN ES-5F TYPE I.



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



4-2-96 DLC	REVISE POLE DESIGN	ORANGE COUNTY ENVIRONMENTAL MANAGEMENT AGENCY
TRAFFIC SIGNAL INSTALLATION PLAN		
SADDLEBACK RANCH RD. AND FAWN RIDGE RD.		
MARK	DATE	DESCRIPTION
PREPARED UNDER SUPERVISION OF		
DESIGNED	SOMMERS	SCALE
DRAWN	WPA	CHECKED
DATE 8/10/95		DWG. No.
SHEET 2		OF 3