

CONDUCTOR SCHEDULE											
AWG CIRCUITS		RUNS									
12 CSC	3 CSC	1	2	2	3	1	2	3	4	5	6
LOOP LEAD-IN TYPE B	#2 DETECTOR										
	#4 DETECTOR			2	2						
	#5 DETECTOR					1	1	1	1	1	1
	#6 DETECTOR									5	5
# 10	TOTAL B.C.'S										
	LUMINAIRE			2	2		6	6	6	13	13
	SIGNAL COMMON			2	2		2	2	2	4	4
	TOTAL			3	3		3	3	3	6	2
	3 #20 EXP. CABLE			1	1		2	1	2	3	3
CONDUIT SIZE		1-2"	1-3"	1-3"	1-3"	1-3"	1-3"	1-3"	2-4"	2-4"	2-4"

DETECTOR SCHEDULE		SCHEDULE	
UNIT CHANN		LOOP DETECTORS	
1	1-#5	1	1-#5
2	1-#2	2	1-#2
3	3-#2	3	3-#2
4	4-#2	4	4-#2
5	5-#2	5	5-#2
6	6-#2	6	6-#2
7	7-#2	7	7-#2
8	8-#2	8	8-#2
9	9-#2	9	9-#2

* = DETECTOR LOOP LOCATIONS SHALL BE APPROVED BY ENGINEER IN FIELD PRIOR TO INSTALLATION. DETECTOR CABLES SHALL BE TACK MOUNTED, AND DUAL CHANNEL PROVIDE A FOURTEEN (14) SLOT DETECTOR RACK WITH DETECTOR CARDS

POLE										SCHEDULE					
		STANDARD				LUMINAIRE		R.S.N.S. LEGEND		SIGNAL MOUNTING		PED. PUSH BIN		REMARKS	
No.	TYPE	HEIGHT	SIG.M.A.	LUM.M.A.	HPSV					VEHICLE		PED	PHASE	ARROW	
①	23-5-129	30' (9.1)	50' (15.2)	15' (4.6)	250 W (E)	Averdale	MAS LT	MAS 2ea	SV-2-T			-	-	-	
②	17-3-129	30' (9.1)	20' (6.1)	15' (4.6)	250 W (E)	Antonio	-	MAS	SV-1-T			SP-1-CS	4	→	ROTATE LUMINAIRE MAST ARM 90° TO ANTONIO
③	26-4-129	30' (9.1)	40' (12.2)	15' (4.6)	250 W (E)	Averdale	-	MAS 2ea	SV-1-T			SP-1-CS	4	←	
④	1-A	10' (3.05)	-	-	-	-	-	-	TV-1-T			SP-1-CS	6	→	
⑤	15	30' (9.1)	-	12' (3.6)	250 W (E)	-	-	-	-			-	6	←	
⑥	1-A	10' (3.05)	-	-	-	-	-	-	TV-1-T			SP-1-CS	-	-	

- EQUIPMENT IS NEW EXCEPT WHERE SHOWN (E) = EXISTING.
- ALL SIGNAL HEADS SHALL HAVE 12" INDICATIONS. ALL INDICATIONS SHALL BE L.E.D.
- R.S.N.S.=REFLECTORIZED STREET NAME SIGN - SEE SPECIAL PROVISIONS.
- ALL POLES ARE PER CALTRANS PLANS DATED JULY, 1999.
- ALL PED. INDICATIONS SHALL BE L.E.D.

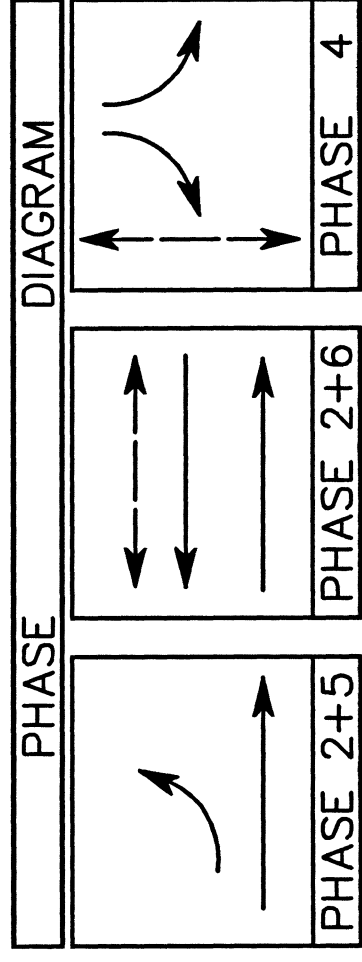
- REFER TO DETAIL SHEET FOR GENERAL NOTES.
- FURNISH AND INSTALL A 16 PHASE ECONOLITE ASC/25-2100 TYPE 90 CONTROLLER AND UPS SYSTEM IN A FULLY WIRED NEMA TS2 TYPE 1 SIZE 6 ALUMINUM CABINET AND FOUNDATION. PLACE CONTROLLER ON TOP SHELF.
- EXISTING TYPE III-BF SERVICE WITH 30A LIGHTING BREAKER. ADD 50A SIGNAL BREAKER AND TYPE V PHOTOELECTRIC CIRCUIT WITH DELAY TYPE PHOTOCELL. REPLACE EXISTING PHOTOCELLS ON LUMINAIRES WITH SHORTING CIRCUIT PHOTOCELLS. REPAIR CABINET & RESTORE SERVICE ADDRESS ON CABINET. COLOR TO MATCH CONTROLLER CABINET.
- FURNISH AND INSTALL AN EXTERIOR MOUNTED ALUMINUM CABINET FOR UPS BATTERIES. STREET PAINTING INSTALLATION AND REMOVALS SHALL BE COMPLETED BY THE CONTRACTOR.
- STRIPING SHOWN (---) IS EXISTING. PROPOSED STRIPING AND PAVEMENT MARKINGS ARE SHOWN WITH SOLID LINES.
- INSTALL EXP. CABLE FROM END OF MAST ARM TO CONTROLLER CABINET. COIL 10 FEET OF CABLE IN CABINET.
- INSTALL W41 SIGN 500' TO CROSSWALK BETWEEN CURB AND R/W AND STENCIL ON PAVEMENT "SIGNAL AHEAD".
- EXACT LOCATION AND CONDITION OF EXISTING CONDUITS IS UNKNOWN. THE CONTRACTOR SHALL LOCATE AND IDENTIFY ALL EXISTING CONDUITS. MISSING CONDUITS SHALL BE REPLACED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER. EXISTING DAMAGED PULLBOXES AND/OR LIDS SHALL ALSO BE REPLACED.

NOTES

- ALL WORK AND MATERIAL SHALL CONFORM TO THE STATE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION AND THE CURRENT TRAFFIC MANUAL.
- REMOVE CONFLICTING STRIPING BY SANDBLASTING.
- PAINT 12" WHITE CROSSWALK OR LIMIT LINE PER PERFD STD. PLAN 1416.
- PAINT 4" DOUBLE YELLOW / DET. 29
- INSTALL "BIKE LANE" MARKING
- INSTALL 2-R96 SIGNS 8' ABOVE SIDEWALK.
- REMOVE R1 SIGN AT SIGNAL TURN ON.

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

