

AWG	CIRCUIT	CONDUCTOR TABLE												
		RUNS												
		1	2	3	4	5	6	7	8					
# 14	Ø1	-	-	-	3	6	-	-	-	-	-	-	-	-
	Ø2	3	3	3	3	3	-	-	-	-	-	-	-	-
	Ø4	-	3	3	3	3	6	-	-	-	-	-	-	-
	Ø5	3	3	3	3	3	-	-	3	-	-	-	-	-
	Ø6	-	-	-	-	3	-	-	-	-	-	-	-	-
	Ø8	-	-	-	-	6	3	3	3	-	-	-	-	-
	Ø2 PED	2	2	2	2	2	-	-	-	-	-	-	-	-
	Ø4 PED	-	-	2	2	4	2	-	-	-	-	-	-	-
	Ø6 PED	-	-	-	-	4	-	-	2	-	-	-	-	-
	Ø8 PED	-	2	2	2	4	-	2	2	-	-	-	-	-
	Ø2 PPB	-	1	1	1	1	-	-	-	-	-	-	-	-
	Ø4 PPB	-	-	-	1	2	-	-	-	-	-	-	-	-
	Ø6 PPB	-	-	-	-	2	1	1	1	-	-	-	-	-
	Ø8 PPB	1	1	1	1	2	-	1	-	-	-	-	-	-
PPB COMMON	1	1	1	1	2	1	1	1	-	-	-	-	-	
SPARES	3	3	3	3	6	3	3	3	-	-	-	-	-	
TOTAL	13	19	21	25	56	10	16	10	-	-	-	-	-	
TYPE C DLC	Ø1 DETECTOR	-	-	-	-	1	-	1	-	-	-	-	-	-
	Ø2 DETECTOR	-	-	-	3	3	-	-	-	-	-	-	-	-
	Ø4 DETECTOR	-	-	-	1	1	-	-	-	-	-	-	-	-
	Ø5 DETECTOR	-	-	-	1	1	-	-	-	-	-	-	-	-
	Ø6 DETECTOR	-	-	-	-	2	-	-	2	-	-	-	-	-
Ø8 DETECTOR	-	1	1	1	1	-	-	-	-	-	-	-	-	
TOTAL	-	1	1	4	8	1	3	-	-	-	-	-	-	-
#10	I.I.S.N.S.	2	2	2	2	-	-	2	2	-	-	-	-	-
	SIGNAL COMMON	1	1	1	1	2	1	1	1	-	-	-	-	-
	TOTAL	3	3	3	3	2	1	3	3	-	-	-	-	-
#8	INTERCONNECT	-	-	-	-	1	-	1	-	-	-	-	-	-
	LUMINAIRE	2	2	2	2	-	-	2	2	-	-	-	-	-
	SIGNAL SERVICE	-	-	-	-	2	-	2	2	-	-	-	-	-
TOTAL	2	2	2	2	2	-	2	2	-	-	-	-	-	
CONDUIT SIZE		2"	3"	2"	3"	2-3"	2"	3"	2"	-	-	-	-	-

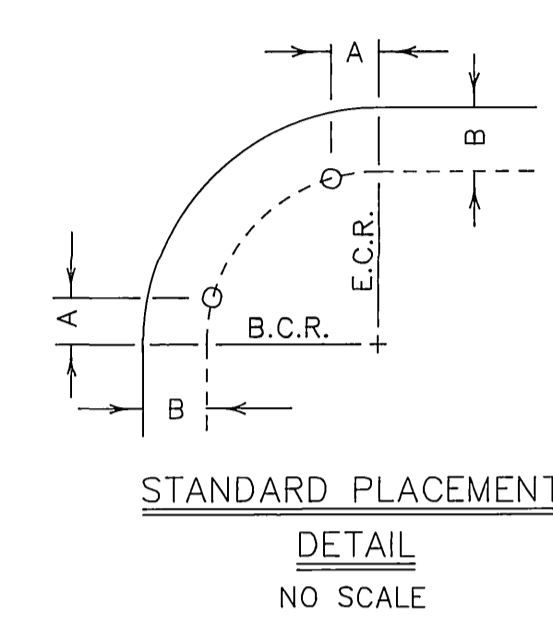
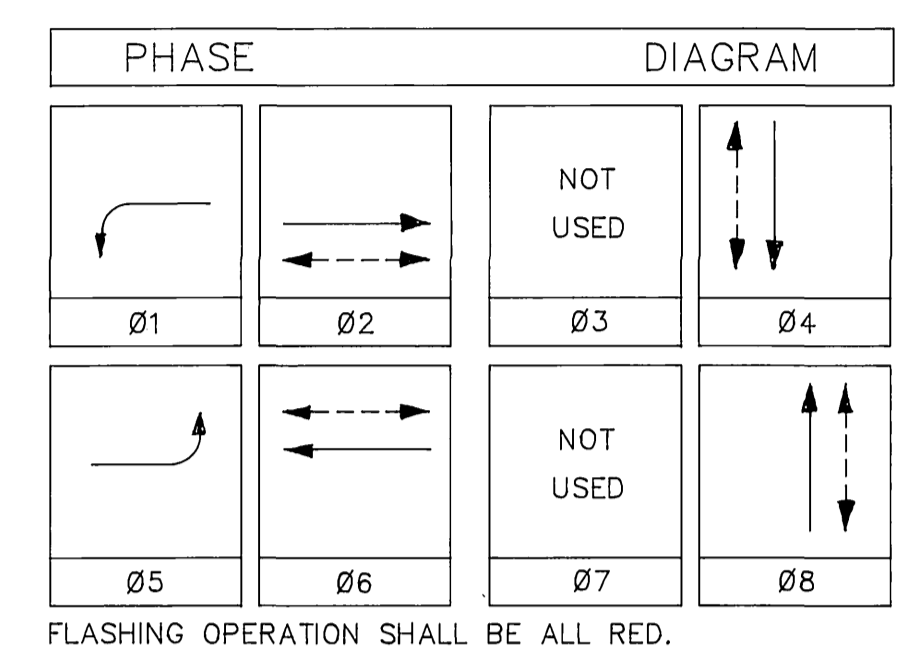
CHANNELS	LOOP DESIGNATION	NUMBER OF LOOPS	ASSIGNMENT	
			FEATURES	
1	1-N-1	4		
2	1-S-5	4		
1,2	1-S-2	2	■●	
1	2-S-2	4		
1,2	1-N-6	2	■●	
1	2-N-6	4		
2	1-E-8	3		
1	1-W-4	4		
1	3-S-2	2		

▲ = DELAY.
 ■ = CALL-HOLD (EXTENSION).
 ● = FOR SAMPLING (FUTURE).

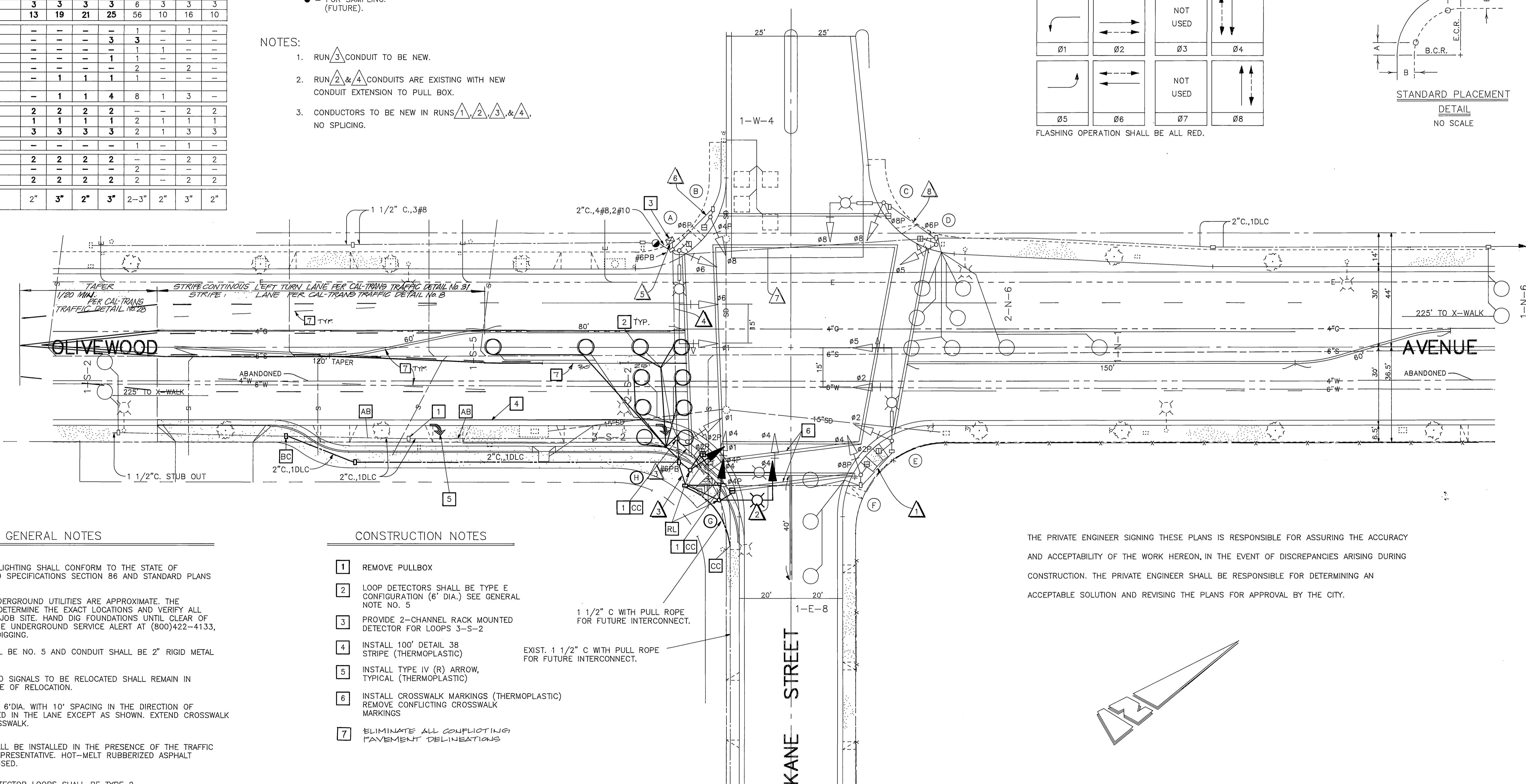
- NOTES:
- RUN 3 CONDUIT TO BE NEW.
 - RUN 2 & 4 CONDUITS ARE EXISTING WITH NEW CONDUIT EXTENSION TO PULL BOX.
 - CONDUCTORS TO BE NEW IN RUNS 1, 2, 3, & 4. NO SPLICING.

No.	TYPE	POLE					SCHEDULE					REMARKS		
		STANDARD		LUMINAIRE HPS	I.I.S.N.S. LEGEND	SIGNAL MOUNTING		PPB PHASE	PLACEMENT					
		HGT.	SIG. M.A.			VEHICLE	PED		A	B				
(A)	24-4-80	30'	35'	12'	250W	Kane 3300	MAS	MAS	SV-1-T	SP-1-T	Ø4	17'	2.5'	
(B)	1-A	10'	-	-	-	-	-	-	TV-1-T	SP-1-T	Ø6	15'	2.5'	
(C)	17-2-80	30'	20'	12'	250W	Olivewood Ave	MAS	MAS	SV-1-T	SP-1-T	Ø6	15'	2.5'	
(D)	1-A	10'	-	-	-	-	-	-	TV-1	SP-1-T	Ø8	7'	2.5'	
(E)	24-4-80	30'	35'	12'	250W	Kane 3300	MAS	MAS	SV-1-T	SP-1-T	Ø8	16'	2.5'	
(F)	1-A	10'	-	-	-	-	-	-	TV-1-T	SP-1-T	Ø2	16'	2.5'	
(G)	17-2-80	30'	20'	12'	250W	-	MAS	MAS	SV-1-T	SP-1-T	Ø2	16'	3.0'	(R)
(H)	1-A	10'	-	-	-	-	-	-	TV-1-T	SP-1-T	Ø4	13'	3.0'	(R)

I.S.N.S. = INTERNALLY ILLUMINATED STREET NAME SIGN
 (R) RELOCATE EQUIPMENT



PRESS ENTERPRISE DRIVEWAY



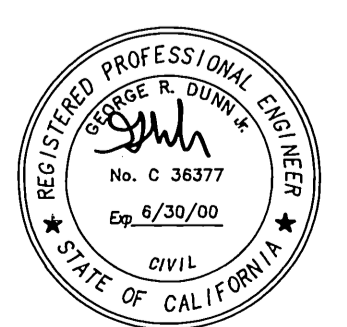
GENERAL NOTES

- TRAFFIC SIGNAL AND LIGHTING SHALL CONFORM TO THE STATE OF CALIFORNIA STANDARD SPECIFICATIONS SECTION 86 AND STANDARD PLANS DATED (JULY 1992).
- LOCATION OF ALL UNDERGROUND UTILITIES ARE APPROXIMATE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATIONS AND VERIFY ALL CONDITIONS ON THE JOB SITE. HAND DIG FOUNDATIONS UNTIL CLEAR OF OBSTRUCTIONS. PHONE UNDERGROUND SERVICE ALERT AT (800)422-4133, 48 HOURS BEFORE DIGGING.
- ALL PULLBOXES SHALL BE NO. 5 AND CONDUIT SHALL BE 2" RIGID METAL EXCEPT AS SHOWN.
- EXISTING LIGHTING AND SIGNALS TO BE RELOCATED SHALL REMAIN IN OPERATION UNTIL TIME OF RELOCATION.
- ALL LOOPS SHALL BE 6" DIA. WITH 10' SPACING IN THE DIRECTION OF TRAVEL AND CENTERED IN THE LANE EXCEPT AS SHOWN. EXTEND CROSSWALK LOOPS 1' PAST CROSSWALK.
- DETECTOR LOOPS SHALL BE INSTALLED IN THE PRESENCE OF THE TRAFFIC ENGINEER OR HIS REPRESENTATIVE. HOT-MELT RUBBERIZED ASPHALT SEALANT SHALL BE USED.
- CONDUCTORS FOR DETECTOR LOOPS SHALL BE TYPE 2.
- A "STREET OPENING" PERMIT OBTAINED AT THE PUBLIC WORKS COUNTER IS REQUIRED FOR THIS WORK; CHARGES SHALL BE \$49.50 (MOBILIZATION) AND \$38.50 PER HOUR FOR INSPECTION.
- CONTRACTOR SHALL CONTACT THE TRAFFIC SIGNAL MAINTENANCE SHOP AT (909) 351-6096 AT LEAST 48 HOURS IN ADVANCE FOR INSPECTION.

CONSTRUCTION NOTES

- REMOVE PULLBOX
- LOOP DETECTORS SHALL BE TYPE E CONFIGURATION (6" DIA.) SEE GENERAL NOTE NO. 5
- PROVIDE 2-CHANNEL RACK MOUNTED DETECTOR FOR LOOPS 3-S-2
- INSTALL 100' DETAIL 38 STRIPE (THERMOPLASTIC)
- INSTALL TYPE IV (R) ARROW, TYPICAL (THERMOPLASTIC)
- INSTALL CROSSWALK MARKINGS (THERMOPLASTIC) REMOVE CONFLICTING CROSSWALK MARKINGS
- ELIMINATE ALL CONFLICTING PAVEMENT DELINEATIONS

THE PRIVATE ENGINEER SIGNING THESE PLANS IS RESPONSIBLE FOR ASSURING THE ACCURACY AND ACCEPTABILITY OF THE WORK HEREON, IN THE EVENT OF DISCREPANCIES ARISING DURING CONSTRUCTION. THE PRIVATE ENGINEER SHALL BE RESPONSIBLE FOR DETERMINING AN ACCEPTABLE SOLUTION AND REVISING THE PLANS FOR APPROVAL BY THE CITY.



48 hours BEFORE excavation
 1-800/422-4133
 CALL Underground Service Alert

O'Rourke Engineering
 415 N. VINEYARD AVE. SUITE 200
 ONTARIO, CA. 91764 (909) 467-0221
 G. R. DUNN 10/30/96
 GEORGE R. DUNN JR. RCE 36377 EXP. 8-30-00

MARK	REVISIONS	APPR.	DATE

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT
 APPROVED BY: [Signature]
 PRINCIPAL ENGINEER: [Signature]
 PARK DEPARTMENT: [Signature]
 TRAFFIC DIVISION: [Signature]
 CHIEF P.M. ENGR.: [Signature]
 PUBLIC UTILITIES: [Signature]

TRAFFIC SIGNAL MODIFICATION PLAN
 OLIVEWOOD AVENUE AND
 KANE STREET

ACCT. NO.	X-158A
SHEET	1 OF 1
FILE NO.	

INDEXED 2-11-97 LH

File 14/R-3460