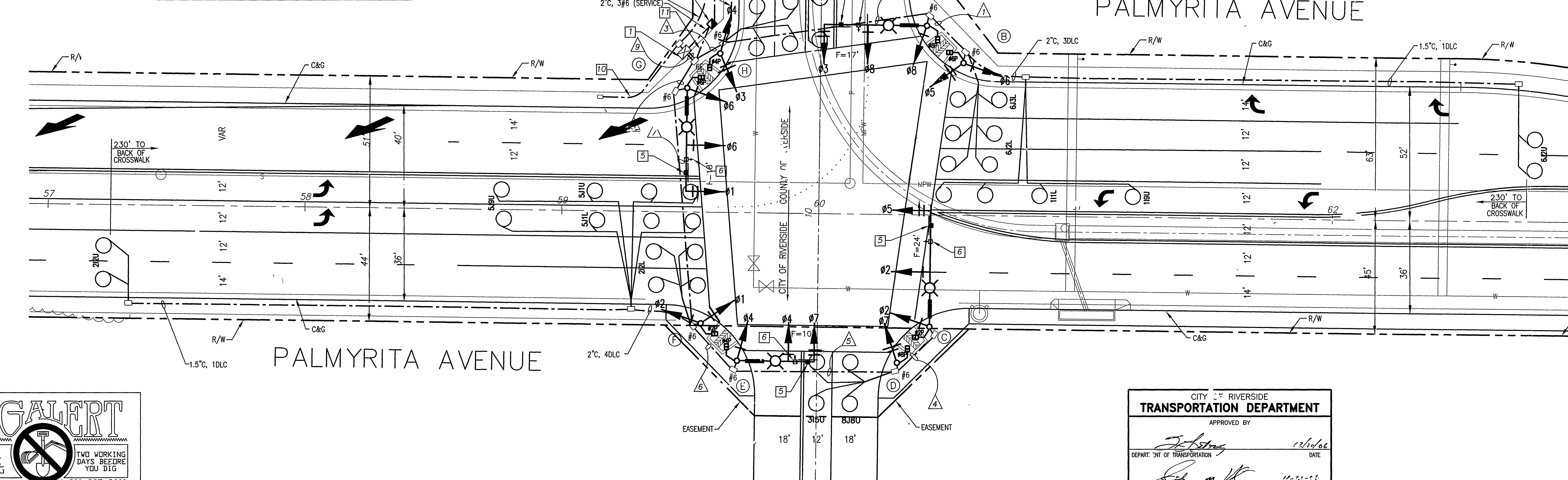
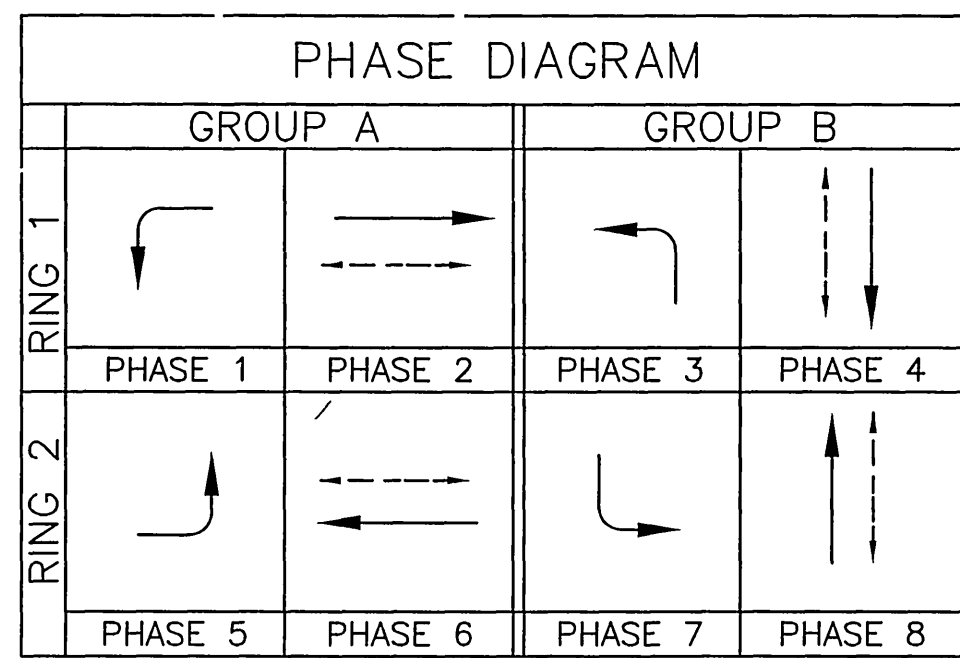


CONSTRUCTION NOTES: (THIS SHEET)

- 1 FURNISH AND INSTALL TYPE 170E CONTROLLER ASSEMBLY IN 332 CABINET WITH COORDINATION, DETECTOR SENSORS AND AUXILIARY EQUIPMENT FOR FULL 8 PHASE OPERATIONS. EXACT LOCATION PER ENGINEER.
- 2 FURNISH AND INSTALL TYPE III-CF 120V/240V DUAL METER SERVICE EQUIPMENT ENCLOSURE. SIGNAL AND IISNS TO BE CONNECTED TO ONE METER, AND SAFETY LIGHTING TO BE CONNECTED TO SECOND METER. THE CONTRACTOR SHALL PROVIDE FOR ALL REQUIRED ELECTRIC SERVICE HOOK-UPS. INSTALL TYPE V P.E.C. AND P.E.U. IN PEDESTAL.
- 3 INSTALL 3" SCHEDULE 80 PVC CONDUIT, WITH PULLROPE FOR EDISON POWER FEED. CONTACT SO CAL EDISON PRIOR TO BORING AND COORDINATE LOCATION. GARY WEAKLEY AT (951) 928-8243.
- 4 INSTALL PHOTOELECTRIC CONTROL (P.E.C.) PER WIRING AND MOUNTING DETAILS SHEET 7 OF 7.
- 5 INSTALL R3-4 SIGN ON MAST ARM.
- 6 INSTALL 3M MODEL 722 OR 711 OPTICOM DETECTOR, 3M MODEL 138 DETECTOR CABLE AND 3M MODEL 762 BACK MOUNTED PHASE SELECTOR EQUIPMENT. SEE DETECTOR MOUNTING DETAIL SHEET 7 OF 7.
- 7 N/A
- 8 HAND HOLE SERVICE POINT.
- 9 INSTALL 2" RIGID METAL GALVANIZED CONDUIT WITH 6-PAIR TWISTED #20 TINNED COPPER SIGNAL INTERCONNECT CABLE (SIC), INSTALL #6 PULLBOXES AT MAX OF 500' INTERVALS. COIL 15' OF CABLE IN EACH PULL BOX.
- 10 FURNISH AND INSTALL 2" WITH PULL ROPE FOR FUTURE SIGNAL INTERCONNECT.
- 11 2"C, 2#10(LUMINAIRE) AND 2#12(IISNS)

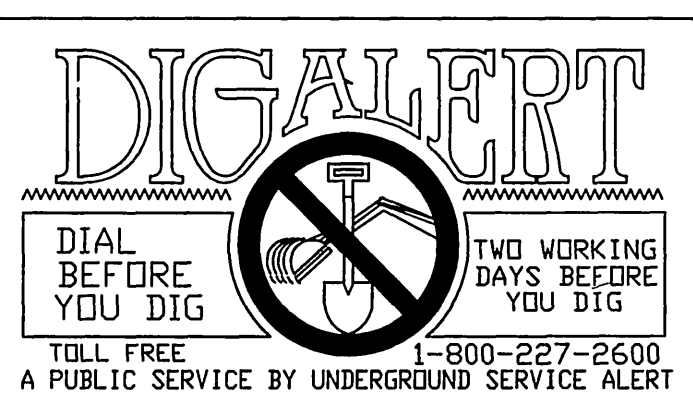
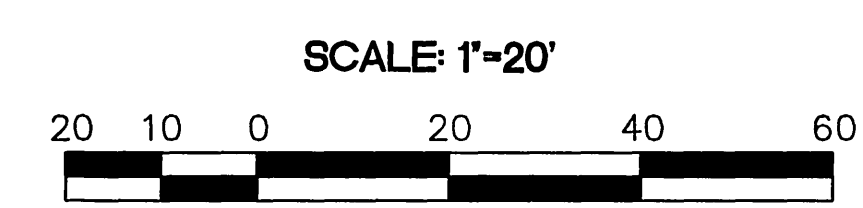


POLE AND EQUIPMENT SCHEDULE

No.	Type	STANDARDS			VEH. SIG. MTG.		PED. SIG. MTG.	P.P.B.		POLE LOCATION		H.P.S.	STANDARD SHAFT MOUNTED I.I.S.N.S. (SEE SPECIAL PROVISIONS)
		HEIGHT	Sig. M.A.	Lum. M.A.	MAST ARM	POLE		Ø	Quad.	A	B		
A	26-4-161	30'	40'	15'	2-MAS	SV-1-T	SP-1-T	6	S	14'	4'	200W	"Palmyrita Ave."
B	1A	10'	-	-	-	TV-2-T	SP-1-T	8	W	14'	4'	-	-
C	26-4-161	30'	45'	15'	2-MAS	SV-1-T	SP-1-T	8	W	16'	4'	200W	"Mt. Vernon Ave"
D	1A	10'	-	-	-	TV-1-T	SP-1-T	2	N	14'	4'	-	-
E	19-4-161	30'	30'	15'	2-MAS	SV-1-T	SP-1-T	2	N	14'	4'	200W	"Palmyrita Ave"
F	1A	10'	-	-	-	TV-2-T	SP-1-T	4	E	13'	4'	-	-
G	26-4-161	30'	40'	15'	2-MAS	SV-1-T	SP-1-T	4	E	15'	4'	200W	"Mt. Vernon Ave"
H	1A	10'	-	-	-	TV-2-T	SP-1-T	6	S	14'	4'	-	-

CONSTRUCTION NOTES:
 IISNS - INTERNALLY ILLUMINATED STREET NAME SIGN.
 P.P.B. - PEDESTRIAN PUSH BUTTON
 - ALL EQUIPMENT NEW

EXACT POLE LOCATIONS DETERMINED BY ENGINEER IN THE FIELD.
 POT HOLE POLE FOUNDATIONS PRIOR TO ORDERING POLES.



NOTE: WORK CONTAINED WITHIN THESE PLANS SHALL NOT COMMENCE UNTIL AN ENCROACHMENT PERMIT AND/OR A GRADING PERMIT HAS BEEN ISSUED.

DATE	BY	MARK	REVISIONS	APPR. DATE	COUNTY

SEAL
 REGISTERED PROFESSIONAL ENGINEER
 ALAN D. FRENCH
 No. 45702
 Exp. 12/31/08
 CIVIL
 STATE OF CALIFORNIA

COUNTY OF RIVERSIDE
TRANSPORTATION DEPARTMENT
 APPROVED BY
 Alan French 12-22-06
 ALAN D. FRENCH, DEPT. OF TRANSPORTATION
 DATE 12/22/06
 RECOMMENDED BY: Mike M. Ghahramani 12/21/06
 DATE 12/21/06

SEAL
 REGISTERED PROFESSIONAL ENGINEER
 CARLETON WATERS
 No. 916
 Exp. 12/31/06
 CIVIL
 STATE OF CALIFORNIA

URBAN
 5411 Avenida Encinas
 Suite 100
 Carlsbad, CA 92008
 Phone: (760) 931-0884
 Fax: (760) 931-1741

CARLETON WATERS R.C.E. No. 52918
 EXP. DATE 12/3/06 FILE NO. _____
 PREPARED BY: [Signature] R.C.E. No. 52918
 DATE 12/21/06

CITY OF RIVERSIDE
TRANSPORTATION DEPARTMENT
 APPROVED BY
 [Signature] 12/14/06
 DEPARTMENT OF TRANSPORTATION DATE
 [Signature] 12-22-06
 RECOMMENDED BY: DATE

SERVICE ADDRESS:
 998 MT. VERNON AVE.
 SIGNIFICANCE:
 SG: 1154.

NOTE: THIS PLAN IS ACCURATE FOR ELECTRICAL WORK ONLY.

M.S. 4015 I.P. NO. J50030
COUNTY OF RIVERSIDE
TRAFFIC SIGNAL AND LIGHTING PLAN
MT. VERNON AVENUE AT PALMYRITA AVENUE

FOR: SH... ENTJRES, LLC W.D. 03534 COUNTY FILE NO. X-530

SHEET NO. 1 OF 2 SHTS

03534 - SIGNALS VERSION F:\SIGNALS.DWG - 12/19/06 - RH