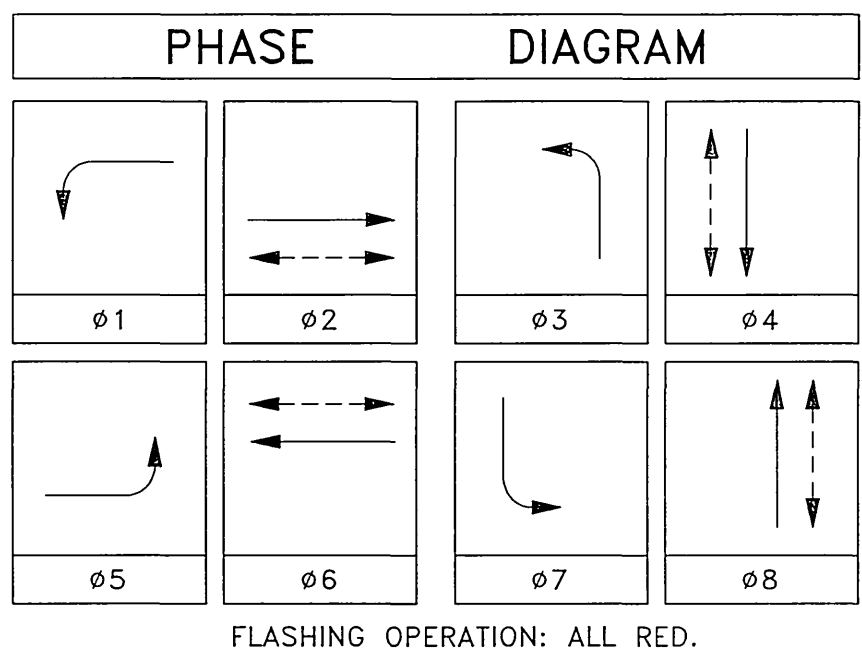
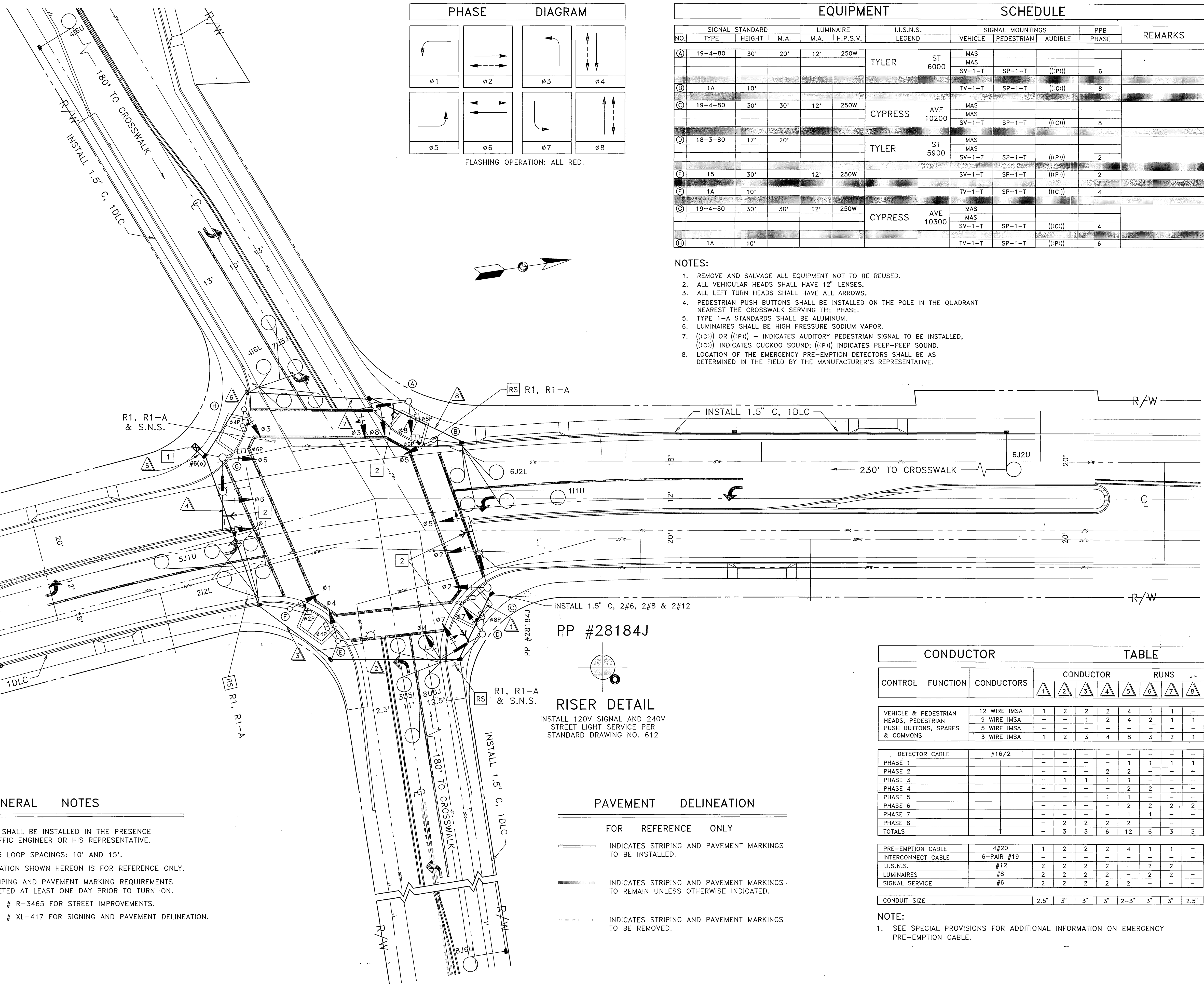


VICINITY MAP

NO SCALE



FLASHING OPERATION: ALL RED.

SIGNAL STANDARD		LUMINAIRE		I.I.S.N.S. LEGEND		SIGNAL MOUNTINGS			PPB PHASE		REMARKS
NO.	TYPE	HEIGHT	M.A.	M.A.	H.P.S.V.	VEHICLE	PEDESTRIAN	AUDIBLE	PHASE	PHASE	
A	19-4-80	30'	20'	12'	250W	TYLER	ST	MAS	SP-1-T	((iP))	6
B	1A	10'						TV-1-T	SP-1-T	((iC))	8
C	19-4-80	30'	30'	12'	250W	CYPRESS	AVE	MAS	SP-1-T	((iC))	8
D	18-3-80	17'	20'			TYLER	ST	MAS	SP-1-T	((iP))	2
E	15	30'		12'	250W			SV-1-T	SP-1-T	((iP))	2
F	1A	10'						TV-1-T	SP-1-T	((iC))	4
G	19-4-80	30'	30'	12'	250W	CYPRESS	AVE	MAS	SP-1-T	((iC))	4
H	1A	10'						TV-1-T	SP-1-T	((iP))	6

- NOTES:**
- REMOVE AND SALVAGE ALL EQUIPMENT NOT TO BE REUSED.
 - ALL VEHICULAR HEADS SHALL HAVE 12" LENSES.
 - ALL LEFT TURN HEADS SHALL HAVE ALL ARROWS.
 - PEDESTRIAN PUSH BUTTONS SHALL BE INSTALLED ON THE POLE IN THE QUADRANT NEAREST THE CROSSWALK SERVING THE PHASE.
 - TYPE 1-A STANDARDS SHALL BE ALUMINUM.
 - LUMINAIRES SHALL BE HIGH PRESSURE SODIUM VAPOR.
 - ((iC)) OR ((iP)) - INDICATES AUDITORY PEDESTRIAN SIGNAL TO BE INSTALLED. ((iC)) INDICATES CUCKOO SOUND; ((iP)) INDICATES PEEP-PEEP SOUND.
 - LOCATION OF THE EMERGENCY PRE-EMPTION DETECTORS SHALL BE AS DETERMINED IN THE FIELD BY THE MANUFACTURER'S REPRESENTATIVE.

PP #28184J

RISER DETAIL
INSTALL 120V SIGNAL AND 240V STREET LIGHT SERVICE PER STANDARD DRAWING NO. 612

CONDUCTOR TABLE

CONTROL FUNCTION	CONDUCTORS	CONDUCTOR RUNS							
		1	2	3	4	5	6	7	8
VEHICLE & PEDESTRIAN HEADS, PEDESTRIAN PUSH BUTTONS, SPARES & COMMONS	12 WIRE IMSA 9 WIRE IMSA 5 WIRE IMSA 3 WIRE IMSA	1	2	2	2	4	1	1	1
DETECTOR CABLE	#16/2	-	-	-	-	-	-	-	-
PHASE 1		-	-	-	-	1	1	1	1
PHASE 2		-	-	-	-	2	2	-	-
PHASE 3		-	-	1	1	1	1	-	-
PHASE 4		-	-	-	-	2	2	-	-
PHASE 5		-	-	-	-	1	1	-	-
PHASE 6		-	-	-	-	2	2	2	2
PHASE 7		-	-	-	-	1	1	-	-
PHASE 8		-	-	-	-	2	2	2	2
TOTALS		3	3	3	3	6	12	6	3
PRE-EMPTION CABLE	4#20	1	2	2	2	4	1	1	-
INTERCONNECT CABLE	6-PAIR #19	-	-	-	-	-	-	-	-
I.I.S.N.S.	#12	2	2	2	2	-	2	2	-
LUMINAIRES	#8	2	2	2	2	-	2	2	-
SIGNAL SERVICE	#6	2	2	2	2	2	-	-	-
CONDUIT SIZE		2.5"	3"	3"	3"	2-3"	3"	3"	2.5"

NOTE:
1. SEE SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION ON EMERGENCY PRE-EMPTION CABLE.

CONSTRUCTION NOTES

- INSTALL MODEL 170E CONTROLLER UNIT HOUSED IN 332 CABINET.
- INSTALL TRAFFIC SIGNAL EMERGENCY PRE-EMPTION DETECTOR.

GENERAL NOTES

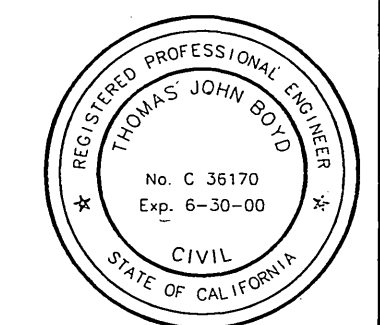
- DETECTOR LOOPS SHALL BE INSTALLED IN THE PRESENCE OF THE CITY TRAFFIC ENGINEER OR HIS REPRESENTATIVE.
- TYPICAL DETECTOR LOOP SPACINGS: 10' AND 15'.
- PAVEMENT DELINEATION SHOWN HEREON IS FOR REFERENCE ONLY.
- ALL SIGNING, STRIPING AND PAVEMENT MARKING REQUIREMENTS SHALL BE COMPLETED AT LEAST ONE DAY PRIOR TO TURN-ON.
- REFERENCE PLAN # R-3465 FOR STREET IMPROVEMENTS.
- REFERENCE PLAN # XL-417 FOR SIGNING AND PAVEMENT DELINEATION.

PAVEMENT DELINEATION

- FOR REFERENCE ONLY
- INDICATES STRIPING AND PAVEMENT MARKINGS TO BE INSTALLED.
 - INDICATES STRIPING AND PAVEMENT MARKINGS TO REMAIN UNLESS OTHERWISE INDICATED.
 - INDICATES STRIPING AND PAVEMENT MARKINGS TO BE REMOVED.

IMPORTANT NOTICE
Section 4116.417 of the Government Code requires a Dig-Alert Identification Number to be issued before a "Permit to Excavate" will be valid for your Dig Alert ID Number call CALL TOLL FREE TWO WORKING DAYS BEFORE YOU DIG UNDERGROUND SERVICE ALERT 1-800-227-2600

ENGINEER IN RESPONSIBLE CHARGE
Thomas Boyd
THOMAS JOHN BOYD
R.C.E. NO. C 36170 EXPIRES 6/30/2000
DATE 9/14/99



APPROVED BY: *R. The Grath*
PRINCIPAL ENGINEER
P.W. INSPECTION
TRAFFIC DIVISION
PUBLIC UTILITIES
DATE 9-19-99

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DATE 9-19-99

TRAFFIC SIGNAL INSTALLATION
CYPRESS AVENUE AND TYLER STREET
SCALE: 1" = 20'

ACCT. NO. 0230-542500-440223-30315
X-388
SHEET 1 OF 1
FILE NAME: X388.DWG