

CONDUCTOR SCHEDULE

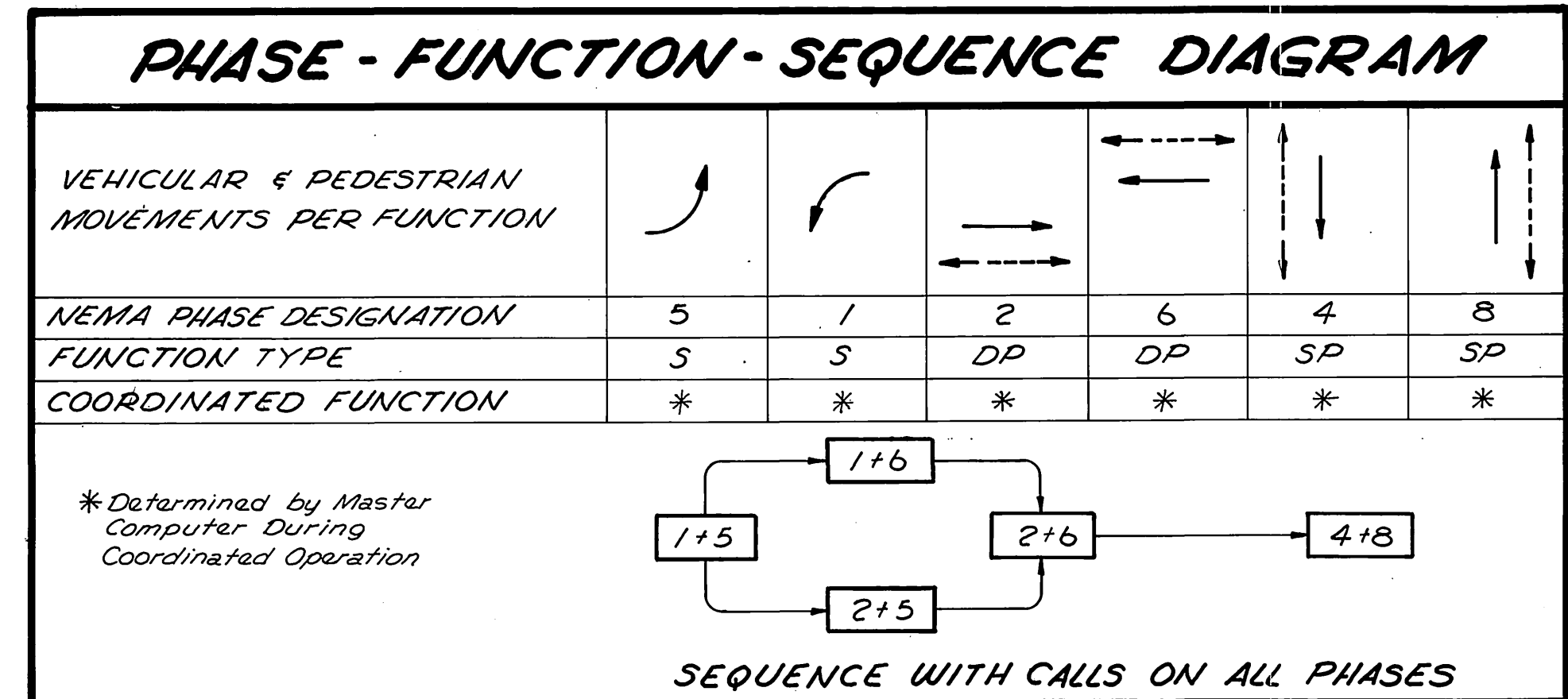
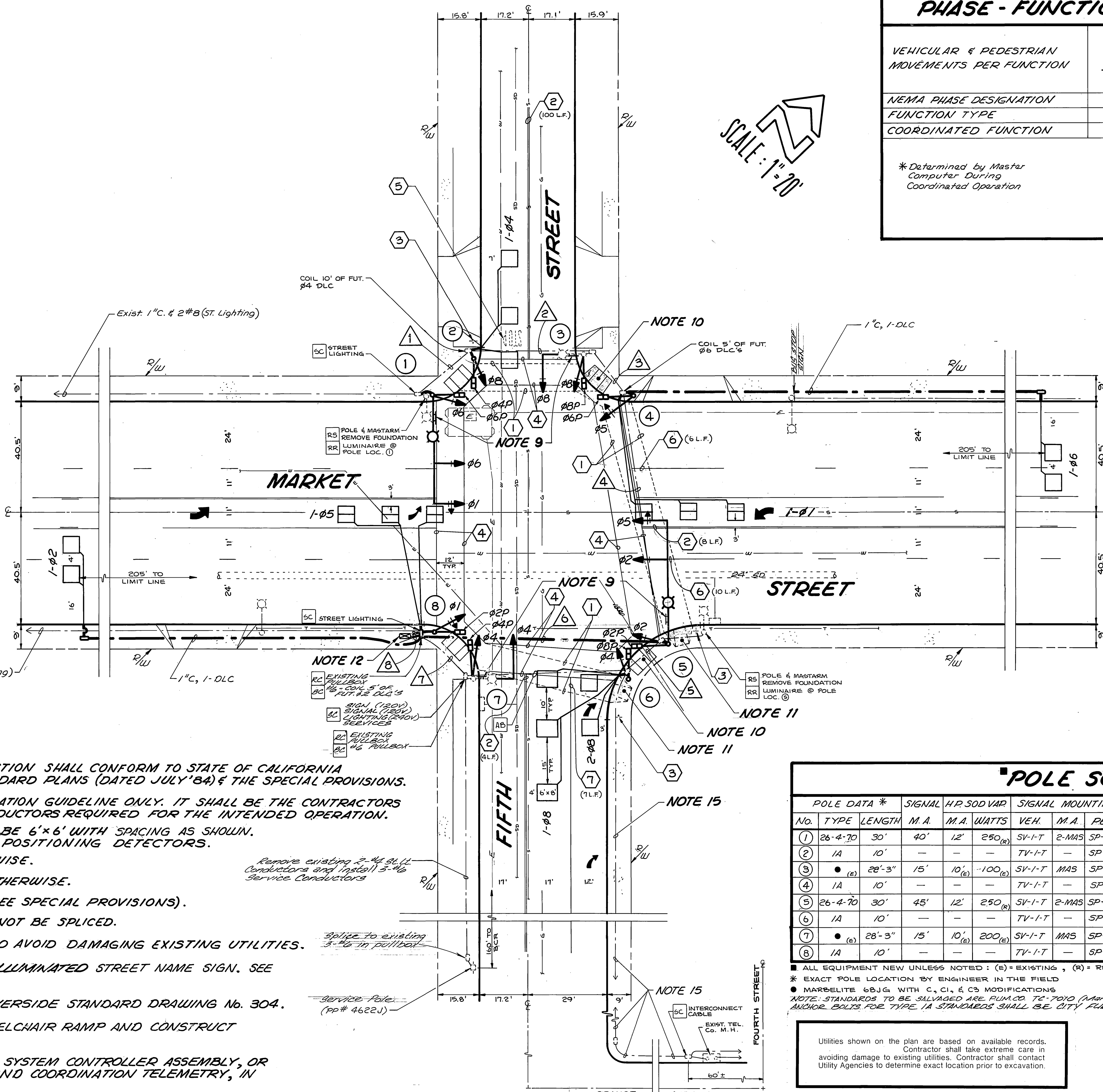
AWG	CIRCUIT	1	2	3	4	5	6	7	8
#14	Ø1	3	3	3	3	-	3	-	6
	Ø2	-	-	-	-	-	3	-	3
	Ø4	-	-	-	-	-	3	3	6
	Ø5	-	-	-	3	-	3	-	3
	Ø6	3	3	3	3	-	3	-	3
	Ø8	-	3	3	3	-	3	-	3
	Ø2P	-	-	-	-	-	2	-	4
	Ø4P	-	2	2	2	-	2	2	4
	Ø6P	2	2	2	2	-	2	-	2
	Ø8P	-	-	2	2	4	2	-	2
	Ø2 PPB	-	-	-	-	1	1	1	2
	Ø4 PPB	1	1	1	1	-	1	-	2
	Ø6 PPB	-	1	1	1	-	1	-	1
	Ø8 PPB	-	-	-	-	1	-	-	1
PPB Common	1	1	1	1	1	1	1	2	
Spare	3	3	3	3	3	3	3	6	
TOTAL		19	19	21	25	12	34	10	50
#10	Signal Common	1	1	1	1	1	1	1	2
#8	Int. Ill. St. Name Sign	2	2	2	2	2	2	2	2
#8	Luminaires	2	2	2	2	-	2	2	-
#8	Signal Service	-	-	-	-	-	-	2	2
LOOP	Ø1	-	-	-	1	-	1	-	1
DET	Ø2	-	-	-	-	-	-	-	2-Ø1
	Ø4	-	1-Ø1	1-Ø1	1-Ø1	-	1-Ø1	-	1-Ø1
	Ø5	-	-	-	-	-	-	-	1
CABLE	Ø6	-	-	-	2-Ø1	-	2-Ø1	-	2-Ø1
	Ø8	-	-	-	-	2	2	-	2
TOTAL		-	2	2	6	2	8	-	12
3 Pair #19	Interconnect Cable*	-	-	-	-	1	1	-	1
CONDUIT SIZE	(E) = EXISTING (N) = NEW	2" (E)	2" (E)	2" (E)	3" (E)	2" (E)	3" (E)	2" (E)	2-3" (E)

SIGNING & STRIPING LEGEND

STRIPING DETAILS SHALL CONFORM TO CALTRANS STD. PLANS 800-A & B

NO.	DESCRIPTION	TOTAL QUANTITY
1	SANDBLAST 12" WHITE	310 L.F.
2	PAINT DETAIL 21	112 L.F.
3	REMOVE & SALVAGE SIGNS & POST	2 EA.
4	PAINT 12" WHITE	538 S.F.
5	SANDBLAST STOP MESSAGE	1 EA.
6	PAINT 4" WHITE	16 L.F.
7	PAINT 8" WHITE	7 L.F.

- ### NOTES THIS SHEET:
- TRAFFIC SIGNAL AND HIGHWAY LIGHTING CONSTRUCTION SHALL CONFORM TO STATE OF CALIFORNIA STANDARD SPECIFICATIONS SECTION 86 AND STANDARD PLANS (DATED JULY '84) & THE SPECIAL PROVISIONS.
 - CONDUCTOR SCHEDULE IS FURNISHED AS AN INSTALLATION GUIDELINE ONLY. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO PROVIDE THE CORRECT CONDUCTORS REQUIRED FOR THE INTENDED OPERATION.
 - UNLESS SHOWN OTHERWISE INDUCTIVE LOOPS SHALL BE 6'x6' WITH SPACING AS SHOWN. NECESSARY STRIPING SHALL BE LOCATED PRIOR TO POSITIONING DETECTORS.
 - NEW CONDUIT SHALL BE 2" UNLESS SHOWN OTHERWISE.
 - NEW PULLBOXES SHALL BE #5 UNLESS SHOWN OTHERWISE.
 - PEDESTRIAN INDICATIONS SHALL BE TYPE "B" (SEE SPECIAL PROVISIONS).
 - UNGROUND SIGNAL LIGHT CONDUCTORS SHALL NOT BE SPLICED.
 - CONTRACTOR SHALL EXERCISE EXTREME CARE TO AVOID DAMAGING EXISTING UTILITIES.
 - AT POLE LOCATIONS 1, 3, 5 & 7 INSTALL INTERNALLY ILLUMINATED STREET NAME SIGN. SEE POLE SCHEDULE AND SPECIAL PROVISIONS.
 - CONSTRUCT WHEELCHAIR RAMP PER CITY OF RIVERSIDE STANDARD DRAWING No. 304.
 - ON SOUTHEASTERLY CORNER REMOVE EXISTING WHEELCHAIR RAMP AND CONSTRUCT NEW CURB, GUTTER, AND SIDEWALK IN KIND.
 - INSTALL COMPUTER SERVICE COMPANY TI SYSTEM CONTROLLER ASSEMBLY, OR APPROVED EQUAL, WITH DETECTION AS SHOWN AND COORDINATION TELEMETRY, IN TYPE "P" CABINET (SEE SPECIAL PROVISIONS).
 - SIGNING & STRIPING BY CONTRACTOR PER NOTES SHOWN HEREON.
 - SALVAGED MATERIALS SHALL BE DELIVERED TO CITY OF RIVERSIDE MAINTENANCE YARD.
 - EXISTING 1/2" INTERCONNECT CONDUIT. INSTALL 3 PAIR #19 TWISTED, SHIELDED INTERCONNECT CABLE BETWEEN EXISTING TRAFFIC SIGNAL INTERCONNECT PULLBOX SOUTHWESTERLY OF FOURTH STREET AND NEW CONTROLLER CABINET (APPROX. 1,100'). MATCH EXISTING INTERCONNECT CONDUCTOR COLOR CODING.
 - CONTRACTOR TO USE FUSED-SPLICE CONNECTORS FOR SERVICE FEED IN NEW NO. 6 PULLBOX.



INDUCTIVE LOOP DETECTOR SCHEDULE

SENSOR UNIT	CHANNEL	DETECTOR
#1	1	1-Ø2
	2	1-Ø2
#2	1	1-Ø6
	2	1-Ø6
#3	1	1-Ø1
	2	1-Ø5
#4	1	2-Ø2 (FUT.)
	2	3-Ø2 (FUT.)
#5	1	2-Ø6 (FUT.)
	2	3-Ø6 (FUT.)
#6	1	1-Ø4
	2	FUTURE
#7	1	1-Ø8
	2	2-Ø8

Sensor Units Shall be Rack Mount with Integral Timing Capability per Channel (Call Hold: 0-30 Sec. Min.; Call Delay: 0-30 Sec. Min.) Special Detector Operation Shall be as Noted:
 ● System Sampling - No Output to Phase
 ▲ Call Hold
 * Call Delay
 ◆ Install Harness Only

POLE SCHEDULE

NO.	TYPE	LENGTH	SIGNAL			SIGNAL MOUNTING			PED. PUSH BUTTON		INT. ILLUM.	STREET NAME SIGN
			M.A.	M.A.	WATTS	VEH.	M.A.	PED.	PHASE	POLE QUAD		
1	26-4-70	30'	40'	12'	250 (E)	SV-I-T	2-MAS	SP-I-T	4	N/E		FIFTH ST 3800
2	1A	10'	-	-	-	TV-I-T	-	SP-I-T	6	S/E		-
3	● (E)	28'-3"	15'	10'	100 (E)	SV-I-T	MAS	SP-I-T	6	S/E		MARKET ST 3400
4	1A	10'	-	-	-	TV-I-T	-	SP-I-T	8	S/W		-
5	26-4-70	30'	45'	12'	250 (E)	SV-I-T	2-MAS	SP-I-T	8	S/W		FIFTH ST 3700
6	1A	10'	-	-	-	TV-I-T	-	SP-I-T	2	N/W		-
7	● (E)	28'-3"	15'	10'	200 (E)	SV-I-T	MAS	SP-I-T	2	N/W		MARKET ST 3500
8	1A	10'	-	-	-	TV-I-T	-	SP-I-T	4	N/E		-

ALL EQUIPMENT NEW UNLESS NOTED: (E) = EXISTING, (R) = RELOCATED
 * EXACT POLE LOCATION BY ENGINEER IN THE FIELD
 ● MARBELITE 60JG WITH C, C1, & C3 MODIFICATIONS
 NOTE: STANDARDS TO BE SALVAGED ARE FUM. CD. T2-7010 (Marbelite)
 ANCHOR BOLTS FOR TYPE 1A STANDARDS SHALL BE CITY FABRICATED.

PREPARED UNDER THE SUPERVISION OF
 Hilbert William Dickson DATE 4/17/85
 HILBERT WILLIAM DICKSON R.C.E. No. 19417

TRAFFIC ENGINEERING CONSULTANTS
Herman Kimmel and Associates, Inc.
 3300 IRVINE AVENUE, SUITE 180, NEWPORT BEACH, CA 92660
 (714) 546-9814 04-128

CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT

TRAFFIC SIGNAL PLAN
MARKET STREET @ FIFTH STREET

ACCOUNT NO. 30-576-325-30
X-144
 SHEET 1 OF 1

APPROVED BY: [Signature] DATE: 5/29/86
 PUBLIC WORKS DIRECTOR

DESIGNED BY: HLG DRAWN BY: CT CHECKED BY: HWD

REVISIONS: [Table with 3 columns: NO., DESCRIPTION, DATE]

DATE: 5/29/86

HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" =