

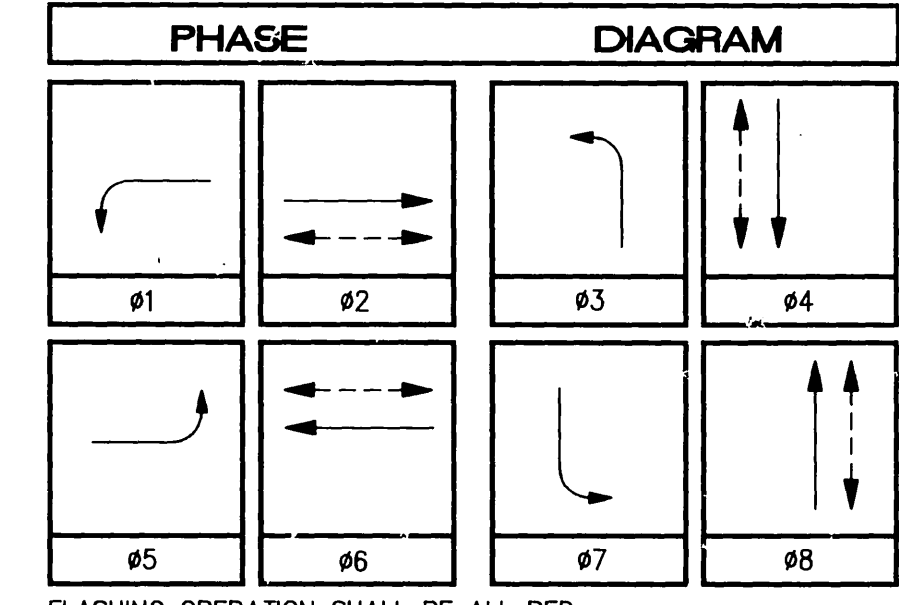
CONDUCTOR		TABLE							
AWG	CIRCUIT	RUNS							
		1	2	3	4	5	6	7	8
#14	#1	-	-	-	-	-	6	3	-
	#2	-	3	3	3	3	3	-	-
	#3	-	-	-	3	3	3	-	-
	#4	-	-	-	-	3	3	3	-
	#5	-	3	3	3	3	3	-	-
	#6	-	-	-	-	3	3	-	-
	#7	3	3	3	3	3	6	3	3
	#8	-	-	-	3	3	3	-	-
	#2 PED	-	2	2	2	2	4	2	-
	#4 PED	-	-	-	2	4	2	2	-
	#6 PED	-	2	2	2	2	4	-	-
	#8 PED	2	2	2	2	2	2	-	-
	#2 PPB	1	1	1	1	1	2	1	1
	#4 PPB	-	-	-	-	2	1	-	-
	#6 PPB	-	-	-	1	1	1	-	-
	#8 PPB	1	1	1	1	1	1	-	-
	PPB COMMON	1	1	1	1	1	2	1	1
	SPARES	3	3	3	3	3	6	3	3
	TOTAL	10	19	21	28	30	58	19	13
TYPE C DLC	#1 DETECTOR	-	-	2	2	2	2	-	-
	#2 DETECTOR	-	-	-	-	-	2	2	-
	#3 DETECTOR	2	2	2	2	2	-	-	-
	#4 DETECTOR	-	-	-	-	2	2	-	-
	#5 DETECTOR	-	-	-	-	-	2	2	-
	#6 DETECTOR	-	-	2	2	2	2	-	-
	#7 DETECTOR	-	-	-	-	2	2	-	-
	#8 DETECTOR	2	2	2	2	2	2	-	-
TOTAL	4	4	8	8	12	16	4	-	
#12 I.S.N.S.	-	2	2	2	2	-	2	2	-
#10 SIGNAL COMMON	1	1	1	1	1	2	1	1	-
#8 LUMINAIRE	-	2	2	2	2	-	2	2	-
#6 SIGNAL SERVICE	-	-	-	-	-	2	-	-	-
CONDUIT SIZE		2"	3"	3"	3"	3"	2-3"	3"	2"

DETECTOR		ASSIGNMENT	
CHANNELS	LOOP DESIGNATION	NUMBER OF LOOPS	FEATURES
1	111U	3	
2	119U	1	●
1	5J1U	3	
2	5J9U	1	●
1	3I5U	3	
2	3I9L	1	●
1	7J5U	3	
2	7J9L	1	●
1	6J2U	2	■
2	6J2L	4	*
1	2I2U	1	■
2	2I2L	4	*
1	8J6U	2	■
2	8J6L	4	*
1	4I6U	2	■
2	4I6L	4	*

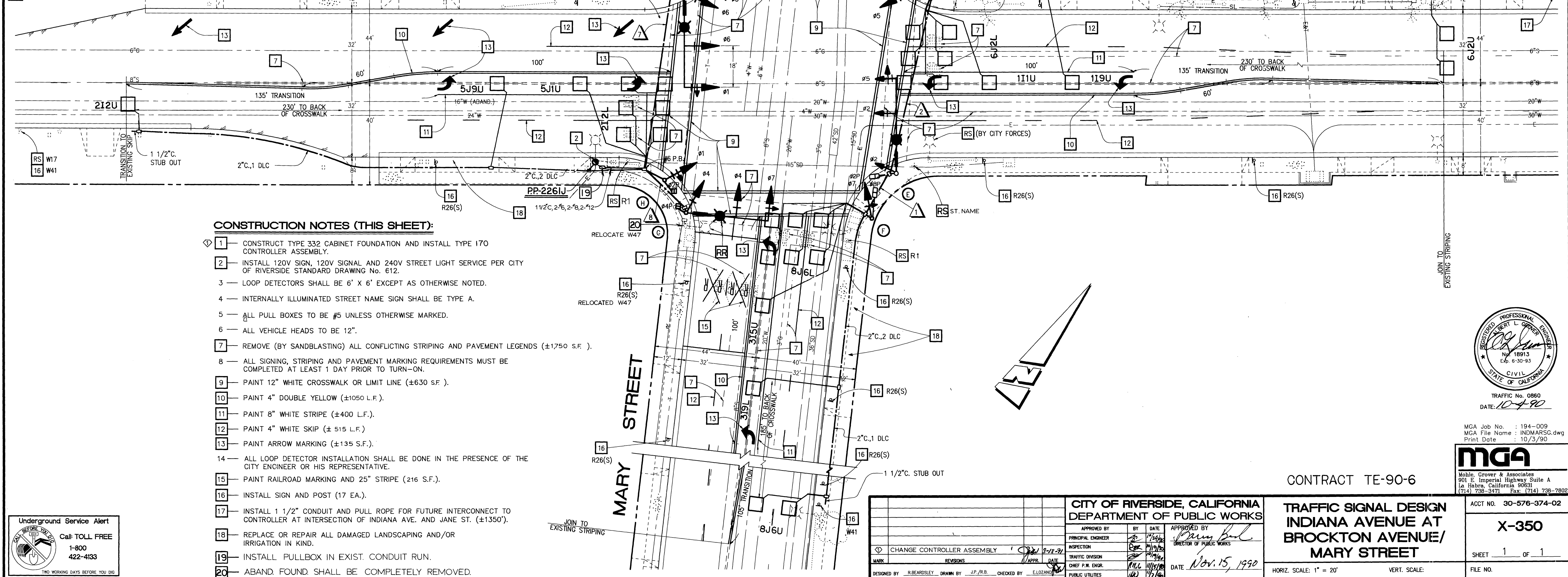
- DETECTORS SHALL BE 2-CHANNEL ROCK-MOUNTED.
  - SEE SPECIAL PROVISIONS FOR DETAILS AND OTHER FEATURES.
  - DETECTOR TIMING FEATURES SHALL BE ACCOMPLISHED THRU THE INTERNAL LOGIC OF THE CONTROLLER UNIT.
  - DETECTOR LOOPS WITH SPECIAL FEATURES SHALL ALSO DETECT FOR NORMAL OPERATION.
- ▲ = DELAY  
 ● = CALL-HOLD (EXTENSION)  
 ■ = FOR SAMPLING  
 \* = TYPE II DISCONNECT; SEE SPECIAL PROVISIONS.

POLE										SCHEDULE			
No.	TYPE	STANDARD			LUMINAIRE HPS	I.S.N.S. LEGEND	SIGNAL MOUNTING		PPB PHASE	PLACEMENT		REMARKS	
		HGT.	SIG. M.A.	LUM. M.A.			VEHICLE	PED		A	B		
(A)	26-4-80	30'	40'	12'	250W	BROCKTON AVE 7100	MAS	MAS	SV-1-T	SP-1-T	#4	☆ ☆	
(B)	1-A	10'	-	-	-	-	-	-	TV-1-T	SP-1-T	#6	☆ ☆	
(C)	24-4-80	30'	35'	12'	250W	INDIANA AVE 6800	MAS	MAS	SV-1-T	SP-1-T	#6	☆ ☆	
(D)	1-A	10'	-	-	-	-	-	-	TV-1-T	SP-1-T	#8	☆ ☆	
(E)	26-4-80	30'	40'	12'	250W	MARY ST 3300	MAS	MAS	SV-1-T	SP-2-T	#8	☆ ☆	
(F)	1-A	10'	-	-	-	-	-	-	TV-1-T	-	#2	☆ ☆	
(G)	24-4-80	30'	35'	12'	250W	INDIANA AVE 6900	MAS	MAS	SV-1-T	SP-1-T	#2	☆ ☆	
(H)	1-A	10'	-	-	-	-	-	-	TV-1-T	SP-1-T	#4	☆ ☆	

I.S.N.S. = INTERNALLY ILLUMINATED STREET NAME SIGN  
 ☆ = PLACEMENT TO BE DETERMINED BY ENGINEER IN THE FIELD  
 ALL TYPE 1-A STANDARDS SHALL BE ALUMINUM.



▲ ADDITIONAL 1 1/2" C, 2-6, 2-8, 2-12 SERVICE RUN.



**CONSTRUCTION NOTES (THIS SHEET):**

- CONSTRUCT TYPE 332 CABINET FOUNDATION AND INSTALL TYPE 170 CONTROLLER ASSEMBLY.
- INSTALL 120V SIGN, 120V SIGNAL AND 240V STREET LIGHT SERVICE PER CITY OF RIVERSIDE STANDARD DRAWING No. 612.
- LOOP DETECTORS SHALL BE 6' X 6' EXCEPT AS OTHERWISE NOTED.
- INTERNALLY ILLUMINATED STREET NAME SIGN SHALL BE TYPE A.
- ALL PULL BOXES TO BE #5 UNLESS OTHERWISE MARKED.
- ALL VEHICLE HEADS TO BE 12".
- REMOVE (BY SANDBLASTING) ALL CONFLICTING STRIPING AND PAVEMENT LEGENDS (±1750 S.F.).
- ALL SIGNING, STRIPING AND PAVEMENT MARKING REQUIREMENTS MUST BE COMPLETED AT LEAST 1 DAY PRIOR TO TURN-ON.
- PAINT 12" WHITE CROSSWALK OR LIMIT LINE (±630 S.F.).
- PAINT 4" DOUBLE YELLOW (±1050 L.F.).
- PAINT 8" WHITE STRIPE (±400 L.F.).
- PAINT 4" WHITE SKIP (± 515 L.F.).
- PAINT ARROW MARKING (±135 S.F.).
- ALL LOOP DETECTOR INSTALLATION SHALL BE DONE IN THE PRESENCE OF THE CITY ENGINEER OR HIS REPRESENTATIVE.
- PAINT RAILROAD MARKING AND 25" STRIPE (216 S.F.).
- INSTALL SIGN AND POST (17 EA.).
- INSTALL 1 1/2" CONDUIT AND PULL ROPE FOR FUTURE INTERCONNECT TO CONTROLLER AT INTERSECTION OF INDIANA AVE. AND JANE ST. (±1350').
- REPLACE OR REPAIR ALL DAMAGED LANDSCAPING AND/OR IRRIGATION IN KIND.
- INSTALL PULLBOX IN EXIST. CONDUIT RUN.
- ABAND. FOUND SHALL BE COMPLETELY REMOVED.



TRAFFIC No. 0860  
 DATE: 10-4-90  
 MGA Job No. : 194-009  
 MGA File Name : INDMARSG.dwg  
 Print Date : 10/3/90



CONTRACT TE-90-6

CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS			
APPROVED BY	BY	DATE	APPROVED BY
PRINCIPAL ENGINEER	[Signature]	11/15/90	DIRECTOR OF PUBLIC WORKS
INSPECTION	[Signature]	11/15/90	
TRAFFIC DIVISION	[Signature]	11/15/90	
CHIEF P.W. ENGR.	[Signature]	11/15/90	
PUBLIC UTILITIES	[Signature]	11/15/90	

**TRAFFIC SIGNAL DESIGN**  
**INDIANA AVENUE AT**  
**BROCKTON AVENUE/**  
**MARY STREET**  
 HORIZ. SCALE: 1" = 20'  
 VERT. SCALE:

ACCT NO. 30-576-374-02  
**X-350**  
 SHEET 1 OF 1  
 FILE NO.