

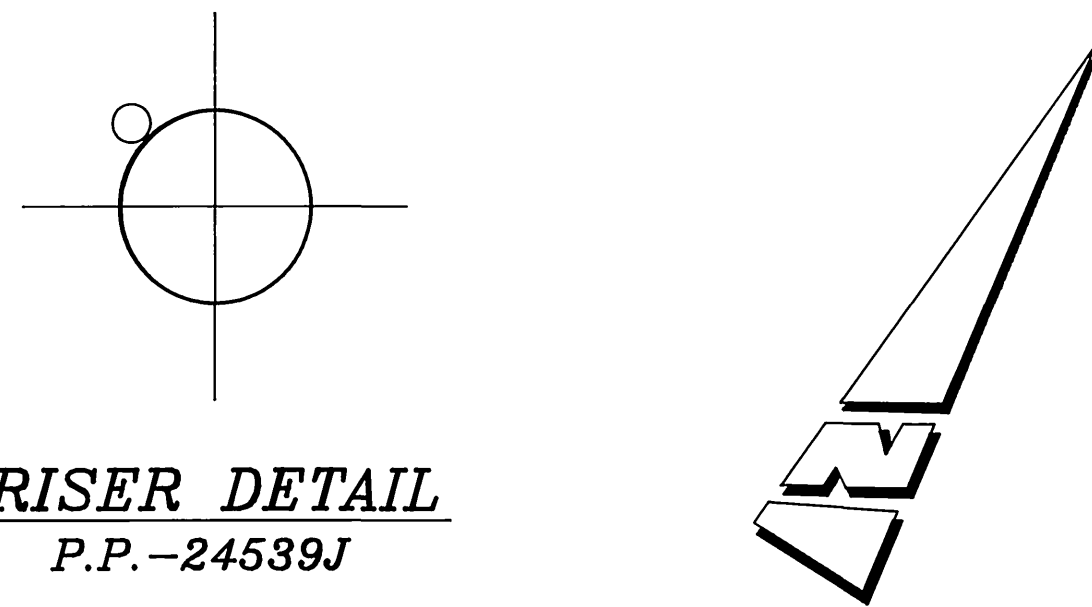
DETECTOR SCHEDULE

CHANNELS	LOOP DESIGNATION	NUMBER OF LOOPS	FEATURES
1	111U	3	
2	5J1U	3	
1	212U	1	● ■
2	214U	2	★
1	6J2U	1	● ■
2	6J4U	2	★
1	315L	3	
2	7J5L	3	
1	416U	3	
2	8J6U	3	

- SAMPLING (future)
- CALL-HOLD (extension)
- ▲ DELAY
- ★ DETECTOR DISCONNECT (see Special Provision)

1. Detectors shall be 2-channel rack-mounted.
2. Detector timing features shall be accomplished thru internal logic of the controller.
3. Detector loops with special features shall also detect for normal operation.

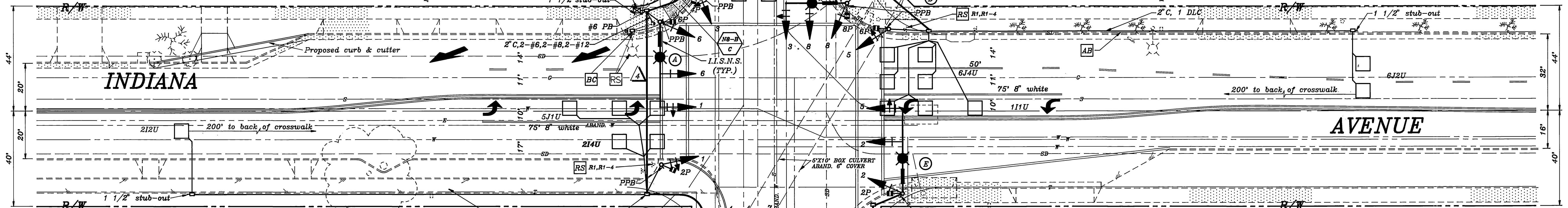
RISER DETAIL
P.P.-24539J



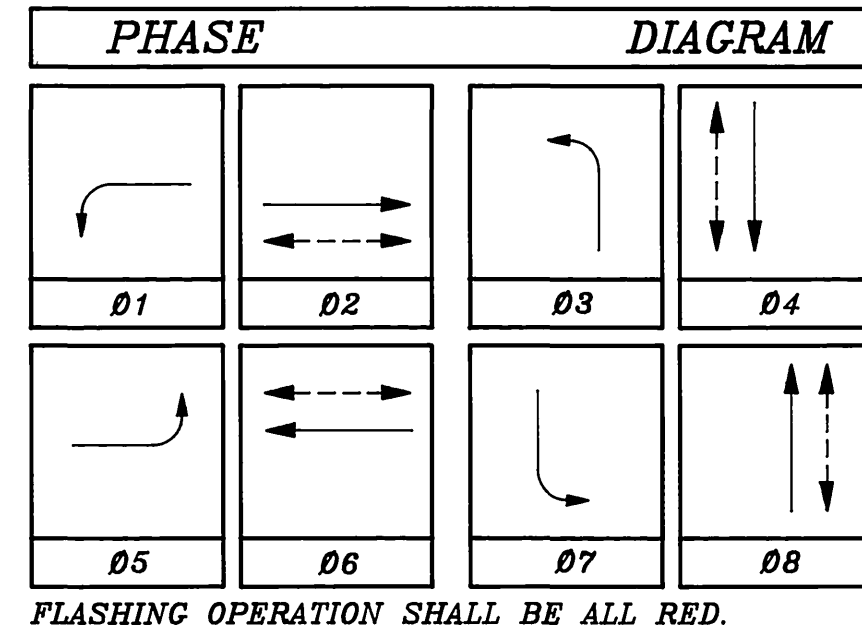
Construct Type 332 cabinet foundation and install Model 170 controller unit.
P.P.-24539J
Install 120V sign, 120V signal and 240V St. Lt. service per Std. Dwg. No. 612.
1 1/2" stub-out

POLE SCHEDULE										
No.	TYPE	STANDARD HGT.	SIG. M.A.	LUM. M.A.	LUM. HPSV	I.I.S.N.S. LEGEND	SIGNAL HEAD	SIGNAL MOUNTING VEHICLE	PPB PHASE	REMARKS
* (A)	24-4-70	30'	35'	12'	250W	MONROE ST 3800	1W3C	MAS		F=14'
							1W3C	SV-1-T	SP-1-T	4
(B)	1A	10'					1W3C	TV-1-T	SP-1-T	8
(C)	19-4-80	30'	25'	12'	250W	INDIANA AV 8000	1W3C	MAS		F=10'
							1W3C	SV-1-T	SP-1-T	6
(D)	1A	10'					1W3C	TV-1-T	SP-1-T	8
* (E)	24-4-70	30'	35'	12'	250W	MONROE ST 3800	1W3C	MAS		F=14'
							1W3C	SV-1-T	SP-1-T	8
(F)	1A	10'					1W3C	TV-1-T	SP-1-T	2
(G)	19-4-80	30'	25'	12'	250W	INDIANA AV 8000	1W3C	MAS		F=10'
							1W3C	SV-1-T	SP-1-T	2
(H)	1A	10'					1W3C	TV-1-T	SP-1-T	4

- NOTE:
1. All Type 1A standards shall be aluminum.
 2. All vehicular heads shall have 12" lenses.
 3. All luminaires shall be High Pressure Sodium Vapor.
 4. Left-turn indications shall have all arrows.
 5. 24-4-70 signal standards, including signal arm and luminaire arm shall be City furnished; Anchor bolts to be furnished by the Contractor.



CONDUCTOR		SCHEDULE									
CONTROL FUNCTION	CONDUCTORS SIZE INSULATION	RUNS									
VEHICLE HEADS #14 T.W.											
PHASE 1											
PHASE 2		3	3	3	3	3	3	3	3	3	3
PHASE 3											
PHASE 4											
PHASE 5		3	3	3	3	3	3	3	3	3	3
PHASE 6											
PHASE 7		3	3	3	3	3	3	3	3	3	3
PHASE 8											
PED. HEADS		2	2	2	2	2	2	2	2	2	2
PHASE 2											
PHASE 4											
PHASE 6											
PHASE 8		2	2	2	2	2	2	2	2	2	2
PED. PUSH BUTTON											
PHASE 2		1	1	1	1	1	1	1	1	1	1
PHASE 4											
PHASE 6											
PHASE 8		1	1	1	1	1	1	1	1	1	1
SPARES		3	3	3	3	3	3	3	3	3	3
12V COMMON		1	1	1	1	1	1	1	1	1	1
DETECTORS #16/2 P.E.											
PHASE 1											
PHASE 2											
PHASE 3		1	1	1	1	1	1	1	1	1	1
PHASE 4											
PHASE 5											
PHASE 6											
PHASE 7											
PHASE 8		2	2	2	2	2	2	2	2	2	2
I.I.S.N.S. #12 T.W.		2	2	2	2	2	2	2	2	2	2
120V COMMON #10 T.W.		1	1	1	1	1	1	1	1	1	1
LUMINAIRES #8 T.H.W.		2	2	2	2	2	2	2	2	2	2
SIGNAL SERVICE #8 T.H.W.											
TOTAL #14 T.W.		18	18	24	30	50	21	19	10		
#12 T.W.		2	2	2	2	2	2	2	2		
#10 T.W.		1	1	1	1	2	1	1	1		
#8 T.H.W.		2	2	2	2	2	2	2	2		
#8 T.H.W.											
#16/2 P.E.		3	3	6	11	6	3	3	3		
#14 EQUIV.		21.5	38.6	41.6	58.6	64	44.5	38.5	20.5		
CONDUIT SIZE		2"	3"	3 1/2"	3"	3 1/2"	3"	3"	3"		



PAVEMENT DELINEATION

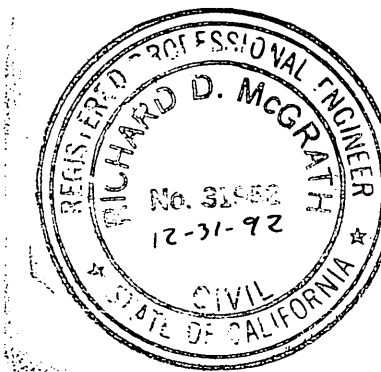
- Indicates striping and pavement markings to be installed.
 - - - - Indicates striping and pavement markings to be removed.
- NOTE: All pavement delineation to be performed by City of Riverside forces.
See Plan XL-277 for pavement delineation not shown hereon.

GENERAL NOTES

- 1 - Detector loops shall be installed in the presence of the Traffic Engineer or his representative.
- 2 - All signing, striping, and pavement marking requirements shall be completed at least one day prior to turn-on.
- 3 - Typical detector loop spacing: 10', 15'.

CONSTRUCTION NOTES

- 1 - Erect W41 sign and post for all directions at approx. 225' from back of crosswalk, to be located in the field.
 - 2 - See Plan R-3179 for street improvements.
- AF Abandoned foundation to be completely removed.
NB-B Construct wheelchair ramp per Caltrans Standard Drawing No. NB-B, Case C.



ENGINEER IN RESPONSIBLE CHARGE
Richard D. McGrath
RICHARD D. McGRATH
R.C.E. No. 31962 expires 12-31-92
DATE 2-11-92

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY: [Signature] DATE: 2/12/92
BY: [Signature] DATE: 2/12/92
P.W. INSPECTION: [Signature] DATE: 2/12/92
TRAFFIC DIVISION: [Signature] DATE: 2/12/92
CHIEF P.W. ENGR.: [Signature] DATE: 2/12/92
PUBLIC UTILITIES: [Signature] DATE: 2/12/92

TRAFFIC SIGNALS
INDIANA AVENUE AND MONROE STREET

ACCT. NO. 30-576-316-02
X-366
SHEET 1 OF 1
FILE NO.