DETECTOR SCHEDULE

CHANNELS	LOOP DESIGNATION	NUMBER OF LOOPS	FEATURES
1	1I1U	3	
2	5J1U	3	
1	2I2U	1	● ■
2	2I4U	2	★
1	6J2U	1	● ■
2	6J4U	2	★
1	3I5L	3	
2	7J5L	3	
1	4I6U	3	
2	8J6U	3	
1	8J6L	3	
2	BLANK		

● SAMPLING (future)
■ CALL–HOLD (extension)
▲ DELAY
★ DETECTOR DISCONNECT (see Special Provision)

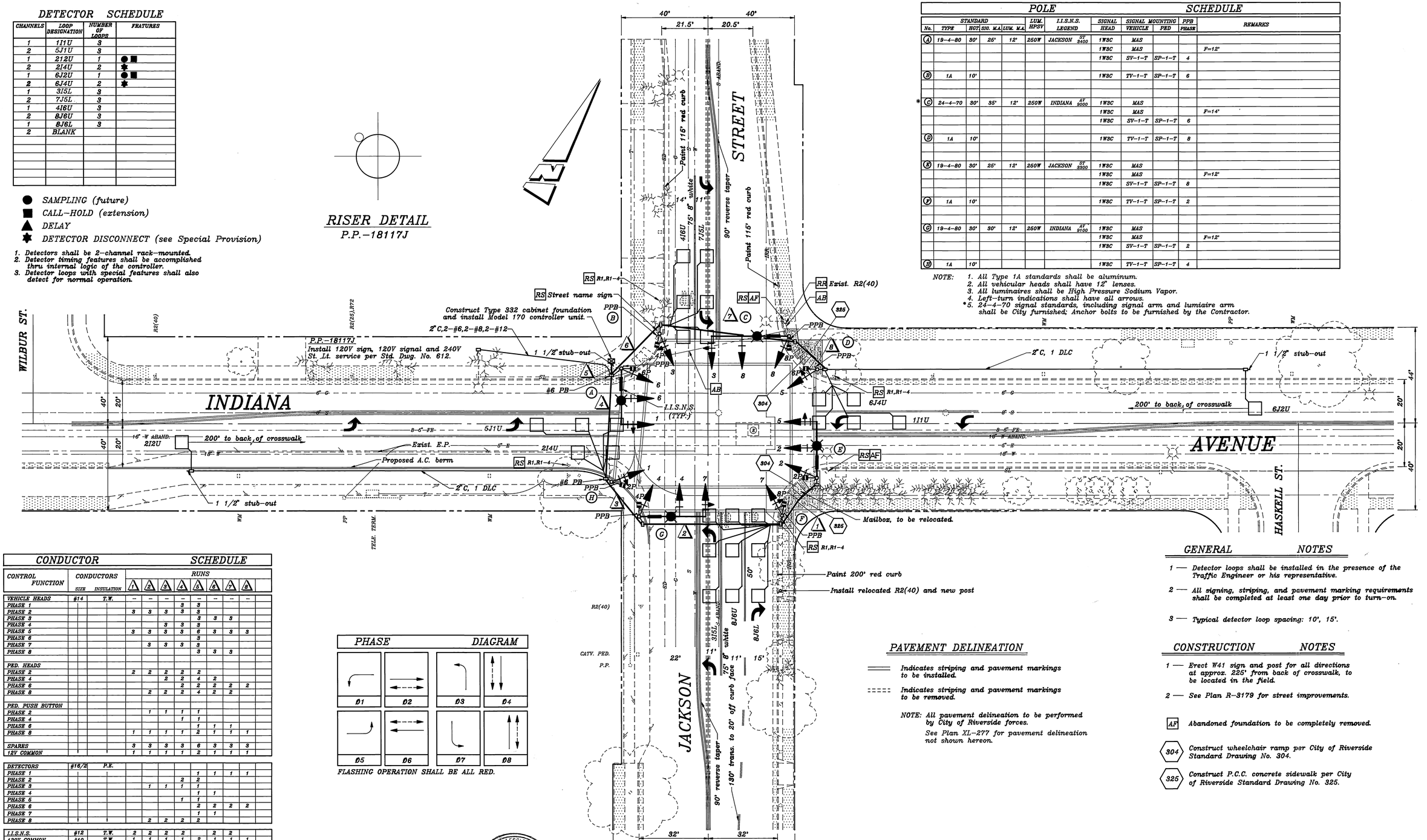
1. Detectors shall be 2–channel rack–mounted.
2. Detector timing features shall be accomplished thru internal logic of the controller.
3. Detector loops with special features shall also detect for normal operation.

RISER DETAIL
P.P.–18117J

POLE SCHEDULE

No.	TYPE	STANDARD HGT	STD. M.A.	LUM. M.A.	LUM. HPSV	I.I.S.N.S. LEGEND	SIGNAL HEAD	SIGNAL MOUNTING VEHICLE	PED	PPB PHASE	REMARKS
(A)	19–4–80	30'	25'	12'	250W	JACKSON ST 3400	1W3C	MAS			
							1W3C	MAS			F=12'
							1W3C	SV–1–T	SP–1–T	4	
(B)	1A	10'					1W3C	TV–1–T	SP–1–T	6	
* (C)	24–4–70	30'	35'	12'	250W	INDIANA AV 9000	1W3C	MAS			
							1W3C	MAS			F=14'
							1W3C	SV–1–T	SP–1–T	6	
(D)	1A	10'					1W3C	TV–1–T	SP–1–T	8	
(E)	19–4–80	30'	25'	12'	250W	JACKSON ST 3500	1W3C	MAS			
							1W3C	MAS			F=12'
							1W3C	SV–1–T	SP–1–T	8	
(F)	1A	10'					1W3C	TV–1–T	SP–1–T	2	
(G)	19–4–80	30'	30'	12'	250W	INDIANA AV 9100	1W3C	MAS			
							1W3C	MAS			F=12'
							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	CONDUCTORS INSULATION	RUNS 1	2	3	4	5	6	7	8
VEHICLE HEADS	#14	T.W.	–	–	–	–	–	–	–	–
PHASE 1						3	3			
PHASE 2			3	3	3	3	3			
PHASE 3							3	3	3	
PHASE 4					3	3	3			
PHASE 5			3	3	3	3	6	3	3	3
PHASE 6							3			
PHASE 7				3	3	3	3			
PHASE 8							3	3	3	
PED. HEADS										
PHASE 2			2	2	2	2	2			
PHASE 4					2	2	4	2		
PHASE 6						2	2	2	2	2
PHASE 8				2	2	2	4	2	2	
PED. PUSH BUTTON										
PHASE 2				1	1	1	1			
PHASE 4						1	1			
PHASE 6							1	1	1	
PHASE 8			1	1	1	1	2	1	1	1
SPARES			3	3	3	3	6	3	3	3
12V COMMON			1	1	1	1	2	1	1	1
DETECTORS	#16/2	P.E.								
PHASE 1							1	1	1	1
PHASE 2						2	2			
PHASE 3				1	1	1	1			
PHASE 4							1	1		
PHASE 5						1	1			
PHASE 6							2	2	2	2
PHASE 7							1	1		
PHASE 8				2	2	2	2			
I.I.S.N.S.	#12	T.W.	2	2	2	2		2	2	
120V COMMON	#10	T.W.	1	1	1	1	2	1	1	1
LUMINAIRES	#8	T.H.W.	2	2	2	2		2	2	
SIGNAL SERVICE	#6	T.H.W.					2			
TOTAL	#14	T.W.	13	19	24	29	49	21	19	10
	#12	T.W.	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	
"	#6	T.H.W.					2			
	#16/2	P.E.		3	3	6	11	5	3	3
#14 EQUIV.			21.5	36.5	41.5	55.5	83	44.5	36.5	20.5
CONDUIT SIZE			2"	2 1/2"	2 1/2"	3"	3 1/2"	3"	3"	3"

PHASE DIAGRAM

FLASHING OPERATION SHALL BE ALL RED.

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.

304 Construct wheelchair ramp per City of Riverside Standard Drawing No. 304.

325 Construct P.C.C. concrete sidewalk per City of Riverside Standard Drawing No. 325.

REGISTERED PROFESSIONAL ENGINEER RICHARD D. McGRATH No. 31952 12-31-92 STATE OF CALIFORNIA CIVIL

ENGINEER IN RESPONSIBLE CHARGE
Richard D. McGrath
RICHARD D. McGRATH
R.C.E. No. 31952 expires 12-31-92
DATE 2-11-92

MARK	REVISIONS	APPR.	DATE

DESIGNED BY MAC DRAWN BY MAC CHECKED BY RDM

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER		2/11/92
P.W. INSPECTION		
TRAFFIC DIVISION		2/6/92
CHIEF P.W. ENGR.		
PUBLIC UTILITIES		2/5/92

APPROVED BY
DIRECTOR OF PUBLIC WORKS
DATE 2/11/92

TRAFFIC SIGNALS
INDIANA AVENUE AND JACKSON STREET

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

ACCT. NO. 30–576–313–02

X–367

SHEET 1 OF 1

FILE NO.