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	3			
PHASE 2					3	3	3	3	3	3
PHASE 4					3	3	3	3		
PHASE 5			3	3	6	3	3	3	3	3
PHASE 6					3	3				
PHASE 8				3	3					
PED. HEADS										
PHASE 2					2	2	2	2	2	2
PHASE 4					4	2	2	2		
PHASE 6			2	2	4	2				
PHASE 8				2	4	2	2	2	2	
PED PUSH BUTTON										
PHASE 2					2	2	2	2	1	
PHASE 4					2	2	1			
PHASE 6				1	2					
PHASE 8			1	1	2	1	1	1	1	1
SPARES			3	3	6	3	3	3	3	3
12V COMMON			1	1	2	1	1	1	1	1
DETECTORS	#12/2	P.E.								
PHASE 1			2	2	2					
PHASE 2					2	2	2			
PHASE 4					2					
PHASE 5					2	2	2			
PHASE 6			2	2	2					
PHASE 8					2	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	2	1	1	1	1	1
LUMINAIRES	#8	T.H.W.		2		2	2	2	2	2
SIGNAL SERVICE	#6	T.H.W.			2					
INTERCONNECT	#20/2	P.E.	1	1	2	1	1			
TOTAL	#14	T.W.	10	16	51	32	26	22	16	13
	#12	T.W.		2		2	2	2	2	2
	#10	T.W.	1	1	2	1	1	1	1	1
	#8	T.H.W.		2		2	2	2	2	2
	#6	T.H.W.			2					
	#12/2	P.E.	4	4	12	6	6	2	2	
	#20/2	P.E.	1	1	2	1	1			
#14 EQUIV.			26.5	39.5	108	61.5	52.5	36.5	30.5	21.5
CONDUIT SIZE			2"	2 1/2"	2-3"	3"	2 1/2"	2 1/2"	2 1/2"	2"

DETECTOR SCHEDULE

CHANNELS	LOOP DESIGNATION	NUMBER OF LOOPS	FEATURES
1	1-E-1	1	● ■
2	2-E-1	3	
1	1-W-5	1	● ■
2	2-W-5	3	
1	1-W-2	2	● ■
2	2-W-2	4	
1	1-E-6	2	● ■
2	2-E-6	4	
1	1-N-4	3	
2	2-N-4	3	
1	1-S-8	3	
2	2-S-8	3	

● Sampling (future)

■ Call-hold (Extension)

NOTES

1. Detectors are rack-mounted 2-channel.
2. Detector loops designated for sampling also perform normal operation.
3. Detector features are accomplished through internal logic.

POLE SCHEDULE

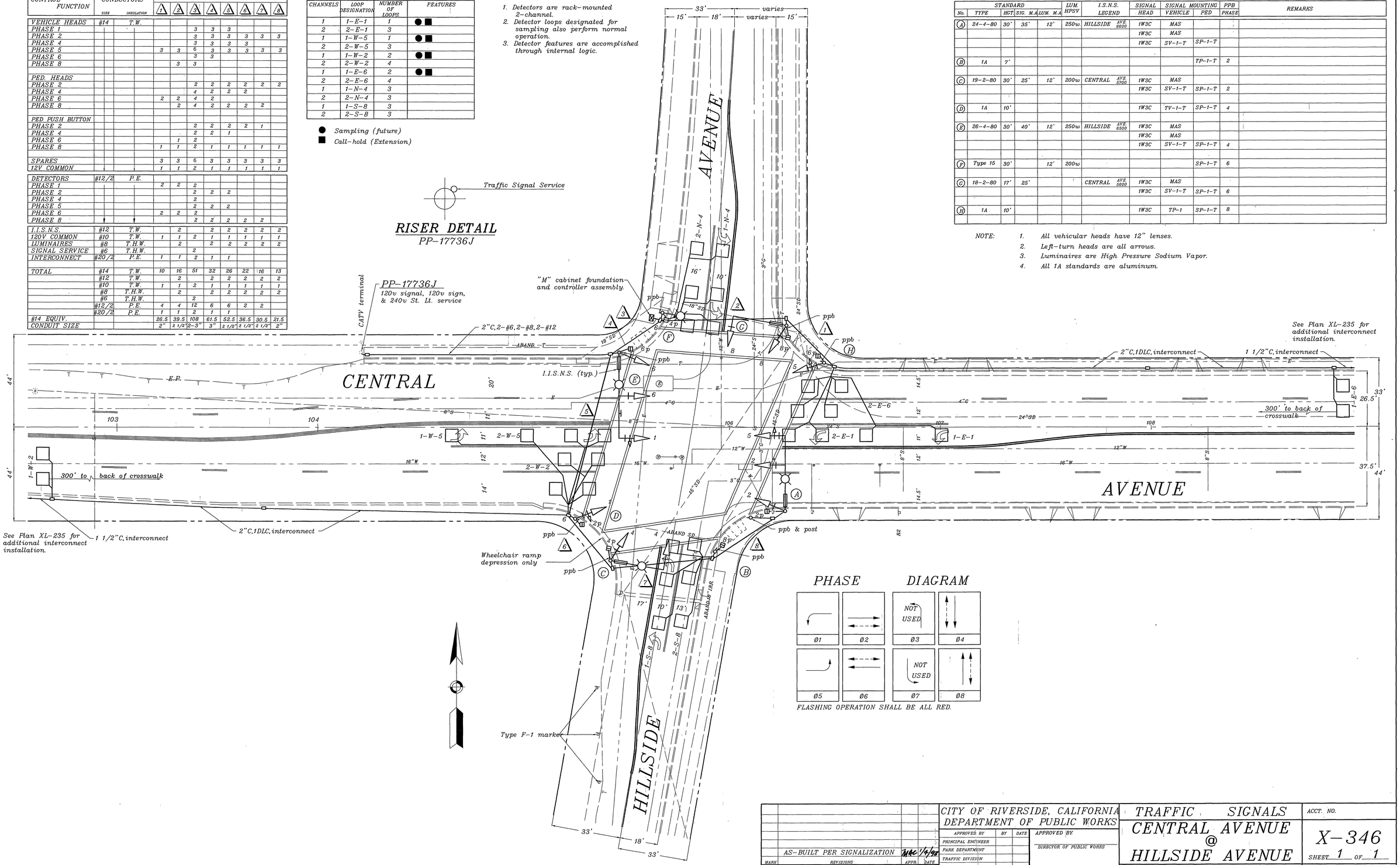
No.	STANDARD TYPE	HGT	SIG. M.A	LUM. M.A	LUM. HPSV	I.S.N.S. LEGEND	SIGNAL HEAD	SIGNAL MOUNTING VEHICLE	PED	PPB PHASE	REMARKS
(A)	24-4-80	30'	35'	12'	250w	HILLSIDE AVE. 6600	1W3C	MAS			
							1W3C	MAS			
							1W3C	SV-1-T	SP-1-T		
(B)	1A	7'							TP-1-T	2	
(C)	19-2-80	30'	25'	12'	200w	CENTRAL AVE. 5200	1W3C	MAS			
							1W3C	SV-1-T	SP-1-T	2	
(D)	1A	10'					1W3C	TV-1-T	SP-1-T	4	
(E)	26-4-80	30'	40'	12'	250w	HILLSIDE AVE. 6500	1W3C	MAS			
							1W3C	MAS			
							1W3C	SV-1-T	SP-1-T	4	
(F)	Type 15	30'		12'	200w				SP-1-T	6	
(G)	18-2-80	17'	25'			CENTRAL AVE. 5600	1W3C	MAS			
							1W3C	SV-1-T	SP-1-T	6	
(H)	1A	10'					1W3C	TP-1	SP-1-T	8	

NOTE:

1. All vehicular heads have 12" lenses.
2. Left-turn heads are all arrows.
3. Luminaires are High Pressure Sodium Vapor.
4. All 1A standards are aluminum.

RISER DETAIL

PP-17736J



PHASE DIAGRAM

FLASHING OPERATION SHALL BE ALL RED.

MARK	REVISIONS	APPR.	DATE
	AS-BUILT PER SIGNALIZATION	MAC	1/4/98

DESIGNED BY ____ DRAWN BY ____ CHECKED BY ____

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER		
PARK DEPARTMENT		
TRAFFIC DIVISION		
CHIEF P.W. ENGR.		
PUBLIC UTILITIES		

APPROVED BY ____
DIRECTOR OF PUBLIC WORKS
DATE ____

TRAFFIC SIGNALS
CENTRAL AVENUE @ HILLSIDE AVENUE

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

ACCT. NO. X-346

SHEET 1 OF 1

FILE NO.