CONDUCTOR SCHEDULE

CONTROL FUNCTION	CONDUCTORS SIZE	CONDUCTORS INSULATION	RUNS 1	2	3	4	5	6	7	8	9
VEHICLE HEADS	#14	T.W.	–	–	–	–	–	–	–	–	–
PHASE 1							3	3	3		
PHASE 2					3	3	3				
PHASE 3			3	3	3	3	6	3	3	3	
PHASE 4							3				
PHASE 5				3	3	3	3				
PHASE 6							3	3	3		
PHASE 7						3	3				
PHASE 8			3	3	3	3	3				
PED HEADS											
PHASE 2					2	2	4				
PHASE 4							4	2	2	2	
PHASE 6				2	2	2	4	2	2		
PHASE 8			2	2	2	2	2				
PED PUSH BUTTON											
PHASE 2						1	2				
PHASE 4							2	2	1		
PHASE 6			1	1	1	1	2	1	1	1	
PHASE 8				1	2	2	2				
SPARES			3	3	3	3	6	3	3	3	
12V COMMON			1	1	1	1	2	1	1	1	
DETECTORS	#12/2	P.E.									
PHASE 1				1	1	1	1				
PHASE 2							2	2			
PHASE 3						1	1				
PHASE 4							2	2	2	2	
PHASE 5							1	1			
PHASE 6				2	2	2	2				
PHASE 7							1	1	1	1	
PHASE 8						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				
INTERCONNECT	#20	P.E.					1	1	1		
TOTAL	#14	T.W.	13	19	25	29	57	20	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				
	#12/2	P.E.		1	1	4	12	8	3	3	
	#20	P.E.					1	1	1		
#14 EQUIV.			21.5	36.5	42.5	55.5	107	49.5	39.5	20.5	
CONDUIT SIZE			2"	2"	2 1/2"	3"	2-3"	3"	2 1/2"	2"	

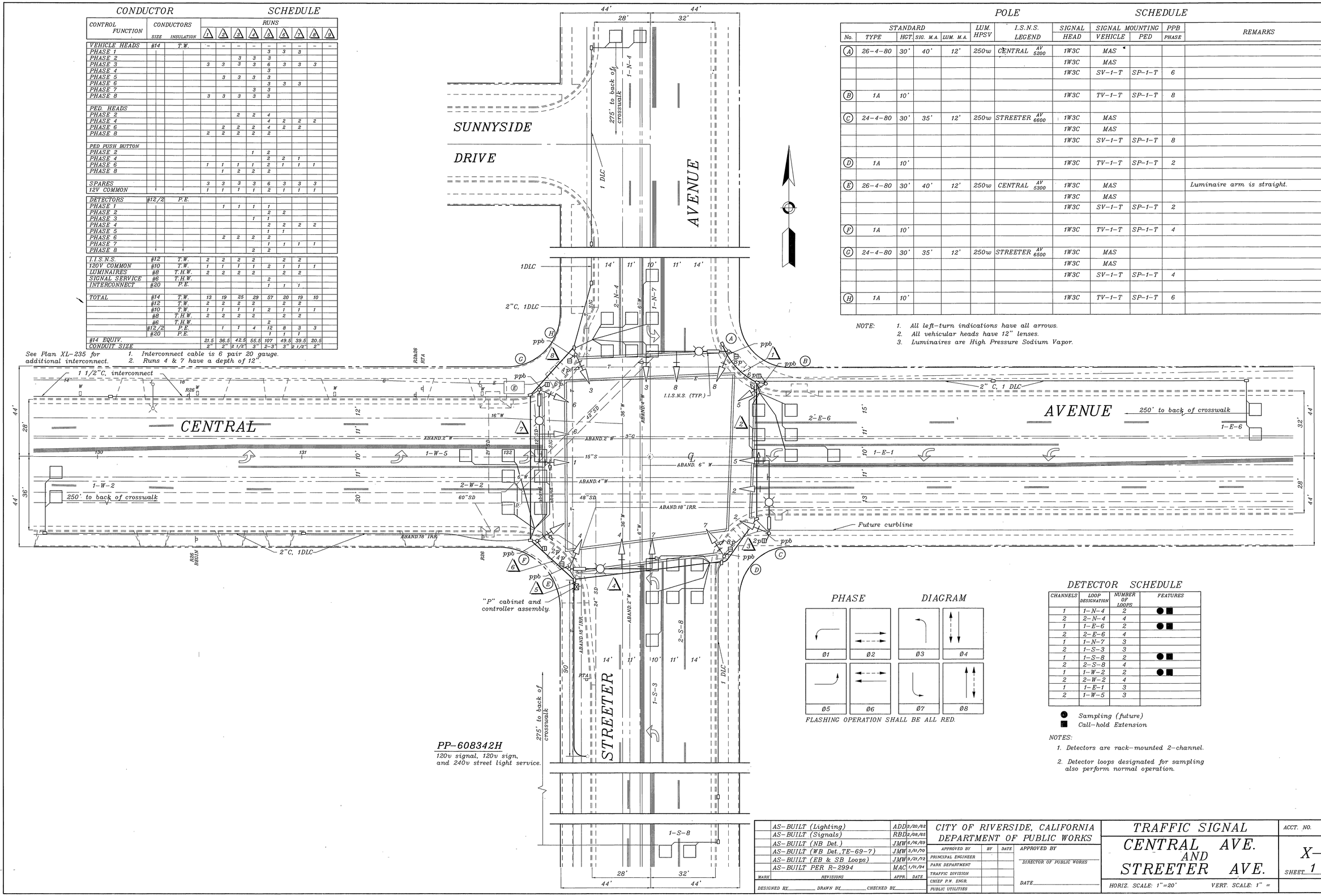
See Plan XL-235 for additional interconnect.

1. Interconnect cable is 6 pair 20 gauge.
2. Runs 4 & 7 have a depth of 12".

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)	26-4-80	30'	40'	12'	250w	CENTRAL AV 5200	1W3C	MAS			
							1W3C	MAS			
							1W3C	SV-1-T	SP-1-T	6	
(B)	1A	10'					1W3C	TV-1-T	SP-1-T	8	
(C)	24-4-80	30'	35'	12'	250w	STREETER AV 6600	1W3C	MAS			
							1W3C	MAS			
							1W3C	SV-1-T	SP-1-T	8	
(D)	1A	10'					1W3C	TV-1-T	SP-1-T	2	
(E)	26-4-80	30'	40'	12'	250w	CENTRAL AV 5300	1W3C	MAS			Luminaire arm is straight.
							1W3C	MAS			
							1W3C	SV-1-T	SP-1-T	2	
(F)	1A	10'					1W3C	TV-1-T	SP-1-T	4	
(G)	24-4-80	30'	35'	12'	250w	STREETER AV 6500	1W3C	MAS			
							1W3C	MAS			
							1W3C	SV-1-T	SP-1-T	4	
(H)	1A	10'					1W3C	TV-1-T	SP-1-T	6	

NOTE:
1. All left-turn indications have all arrows.
2. All vehicular heads have 12" lenses.
3. Luminaires are High Pressure Sodium Vapor.



PHASE DIAGRAM

FLASHING OPERATION SHALL BE ALL RED.

DETECTOR SCHEDULE

CHANNELS	LOOP DESIGNATION	NUMBER OF LOOPS	FEATURES
1	1-N-4	2	● ■
2	2-N-4	4	
1	1-E-6	2	● ■
2	2-E-6	4	
1	1-N-7	3	
2	1-S-3	3	
1	1-S-8	2	● ■
2	2-S-8	4	
1	1-W-2	2	● ■
2	2-W-2	4	
1	1-E-1	3	
2	1-W-5	3	

● Sampling (future)
■ Call-hold Extension

NOTES:
1. Detectors are rack-mounted 2-channel.
2. Detector loops designated for sampling also perform normal operation.

MARK	REVISIONS	APPR.	DATE
	AS-BUILT (Lighting)	ADD	3/20/82
	AS-BUILT (Signals)	RBD	2/08/65
	AS-BUILT (NB Det.)	JMW	6/16/69
	AS-BUILT (WB Det.,TE-69-7)	JMW	3/11/70
	AS-BUILT (EB & SB Loops)	JMW	9/21/72
	AS-BUILT PER R-2994	MAC	1/11/94

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 SIGNAL
CENTRAL AVE. AND STREETER AVE.

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

ACCT. NO.

X-404

SHEET 1 OF 1