CONDUCTOR SCHEDULE

CONTROL FUNCTION	CONDUCTORS SIZE	CONDUCTORS INSULATION	RUNS 1	2	3	4	5	6	7
VEHICLE HEADS	#14	T.W.							
PHASE 1				3	3	3			
PHASE 2					3	3	3	3	
PHASE 4			3	3	6	6	3		
PHASE 5					3	3	3	3	3
PHASE 6				3	3	3	3	3	3
PHASE 8			3	3	6	6	3	3	3
PED. HEADS									
PHASE 2					2	2	2	2	
PHASE 4			2	2	2	2			
PHASE 6			2	2	4	4	2	2	2
PHASE 8					2	2	2	2	2
PED. PUSH BUTTON									
PHASE 2					1	1	1		
PHASE 4				1	1	1			
PHASE 6			1	1	2	2	1	1	1
PHASE 8					1	1	1	1	1
SPARES			3	3	6	6	3	3	3
12V COMMON			1	1	2	2	1	1	1
DETECTORS	#16/2	P.E.							
PHASE 1					1	1	1	1	1
PHASE 2					1	2			
PHASE 4			3	3	3	3			
PHASE 5					1	1			
PHASE 6					2	2	2	2	2
PHASE 8					3	3	3		
I.I.S.N.S.	#12	T.W.		2	2		2	2	2
120V COMMON	#10	T.W.	1	1	2	2	1	1	1
LUMINAIRES	#8	T.H.W.		2	2		2	2	2
SIGNAL SERVICE	#6	T.H.W.				2			
INTERCONNECT (6 PR)	#19/2	P.E.			1	2	1	1	
TOTAL	#14	T.W.	15	22	47	47	28	24	19
	#12	T.W.		2	2		2	2	2
	#10	T.W.	1	1	2	2	1	1	1
	#8	T.H.W.		2	2		2	2	2
	#6	T.H.W.				2			
	#16/2	P.E.	3	3	11	12	6	3	3
INTERCONNECT	#19/2	P.E.			1	2	1	1	
#14 EQUIV.			26	40	93	100	58	45	37
CONDUIT SIZE			2"	2.5"	2",3"	2",3"	3"	3"	2.5"

DETECTOR SCHEDULE

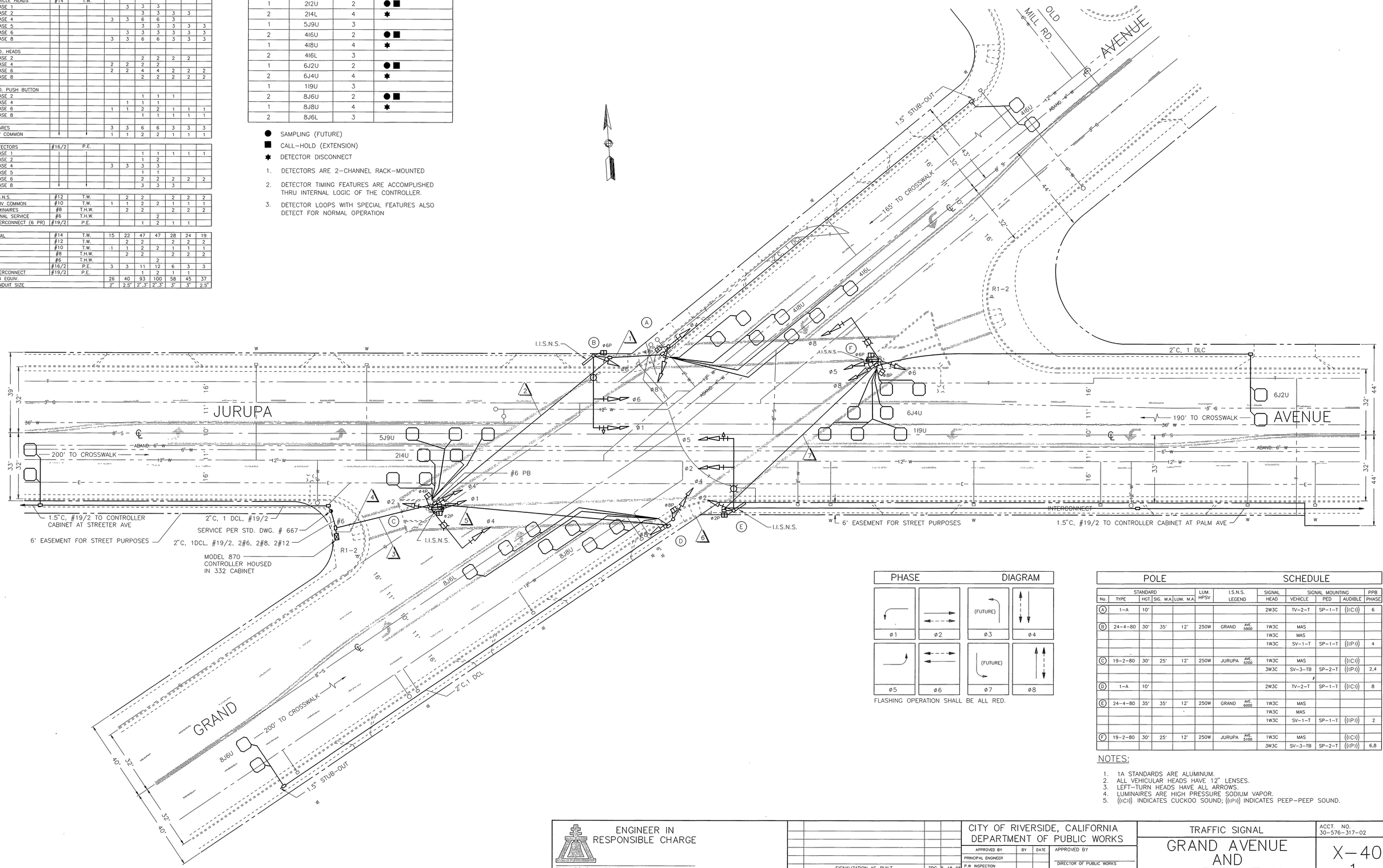
CHANNELS	LOOP DESIGNATION	NUMBER OF LOOPS	FEATURES
1	2I2U	2	● ■
2	2I4L	4	✱
1	5J9U	3	
2	4I6U	2	● ■
1	4I8U	4	✱
2	4I6L	3	
1	6J2U	2	● ■
2	6J4U	4	✱
1	1I9U	3	
2	8J6U	2	● ■
1	8J8U	4	✱
2	8J6L	3	

● SAMPLING (FUTURE)

■ CALL-HOLD (EXTENSION)

✱ DETECTOR DISCONNECT

1. DETECTORS ARE 2-CHANNEL RACK-MOUNTED
2. DETECTOR TIMING FEATURES ARE ACCOMPLISHED THRU INTERNAL LOGIC OF THE CONTROLLER.
3. DETECTOR LOOPS WITH SPECIAL FEATURES ALSO DETECT FOR NORMAL OPERATION



PHASE DIAGRAM

FLASHING OPERATION SHALL BE ALL RED.

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	AUDIBLE	PPB PHASE
(A)	1-A	10'					2W3C	TV-2-T	SP-1-T	((C))	6
(B)	24-4-80	30'	35'	12'	250W	GRAND AVE 5900	1W3C	MAS			
							1W3C	MAS			
							1W3C	SV-1-T	SP-1-T	((P))	4
(C)	19-2-80	30'	25'	12'	250W	JURUPA AVE 5200	1W3C	MAS		((C))	
							3W3C	SV-3-TB	SP-2-T	((P))	2,4
(D)	1-A	10'					2W3C	TV-2-T	SP-1-T	((C))	8
(E)	24-4-80	35'	35'	12'	250W	GRAND AVE. 6000	1W3C	MAS			
							1W3C	MAS			
							1W3C	SV-1-T	SP-1-T	((P))	2
(F)	19-2-80	30'	25'	12'	250W	JURUPA AVE. 5100	1W3C	MAS		((C))	
							3W3C	SV-3-TB	SP-2-T	((P))	6,8

NOTES:

1. 1A STANDARDS ARE ALUMINUM.
2. ALL VEHICULAR HEADS HAVE 12" LENSES.
3. LEFT-TURN HEADS HAVE ALL ARROWS.
4. LUMINAIRES ARE HIGH PRESSURE SODIUM VAPOR.
5. ((C)) INDICATES CUCKOO SOUND; ((P)) INDICATES PEEP-PEEP SOUND.

ENGINEER IN RESPONSIBLE CHARGE

RICHARD D. McGRATH
R.C.E. NO. 31952 EXPIRES _____

DATE _____

MARK	REVISIONS	APPR.	DATE
	SIGNALIZATION AS-BUILT	TRC	5-18-95

DESIGNED BY _____ DRAWN BY _____ CHECKED BY _____

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

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

APPROVED BY _____
DIRECTOR OF PUBLIC WORKS

DATE _____

TRAFFIC SIGNAL

GRAND AVENUE AND JURUPA AVENUE

SCALE: 1" = 20'

ACCT. NO. 30-576-317-02

X-403

SHEET 1 OF 1

FILE NAME: X403.DWG