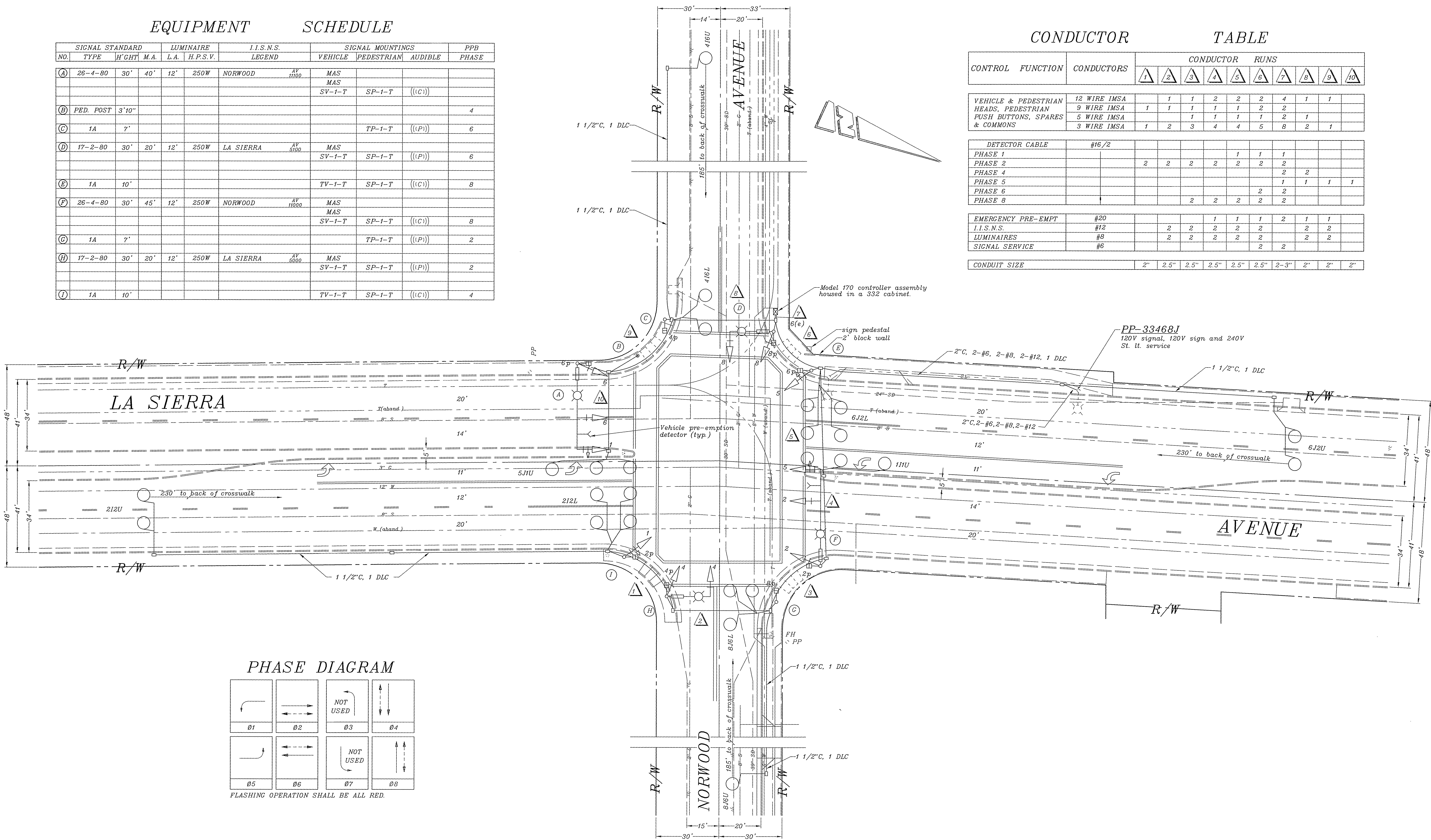


EQUIPMENT SCHEDULE

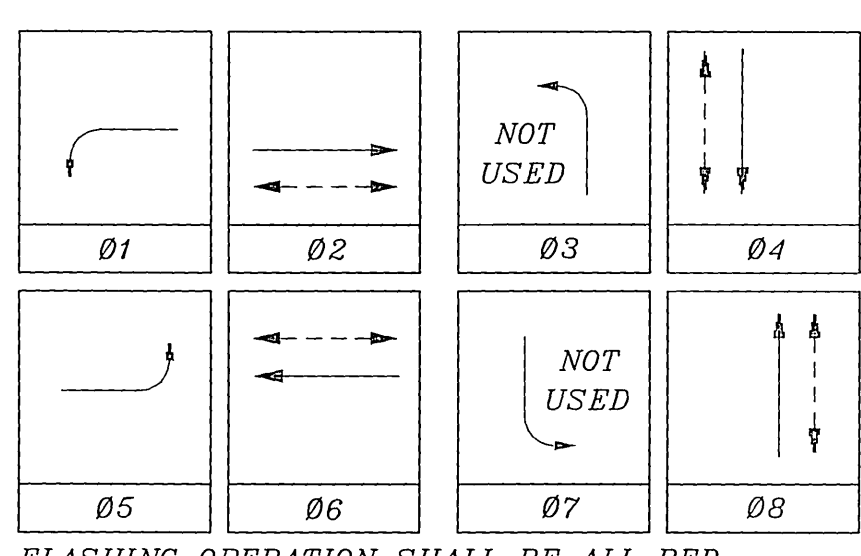
NO.	SIGNAL STANDARD		LUMINAIRE		I.I.S.N.S. LEGEND		SIGNAL MOUNTINGS			PPB PHASE
	TYPE	H'CHT	M.A.	L.A.	H.P.S.V.		VEHICLE	PEDESTRIAN	AUDIBLE	
(A)	26-4-80	30'	40'	12'	250W	NORWOOD	AV 11100	MAS		
								MAS		
								SV-1-T	SP-1-T	((C))
(B)	PED. POST	3'10"								4
(C)	1A	7'							TP-1-T	((P))
(D)	17-2-80	30'	20'	12'	250W	LA SIERRA	AV 5100	MAS		
								SV-1-T	SP-1-T	((P))
(E)	1A	10'							TV-1-T	((C))
(F)	26-4-80	30'	45'	12'	250W	NORWOOD	AV 11000	MAS		
								MAS		
								SV-1-T	SP-1-T	((C))
(G)	1A	7'							TP-1-T	((P))
(H)	17-2-80	30'	20'	12'	250W	LA SIERRA	AV 5000	MAS		
								SV-1-T	SP-1-T	((P))
(I)	1A	10'							TV-1-T	((C))

CONDUCTOR TABLE

CONTROL FUNCTION	CONDUCTORS	CONDUCTOR RUNS																		
		1	2	3	4	5	6	7	8	9	10									
VEHICLE & PEDESTRIAN HEADS, PEDESTRIAN PUSH BUTTONS, SPARES & COMMONS	12 WIRE IMSA 9 WIRE IMSA 5 WIRE IMSA 3 WIRE IMSA		1	1	2	2	2	4	1	1										
DETECTOR CABLE	#16/2								1	1	1									
PHASE 1																				
PHASE 2			2	2	2	2	2	2	2	2	2									
PHASE 4												2	2							
PHASE 5														1	1	1	1			
PHASE 6												2	2							
PHASE 8												2	2							
EMERGENCY PRE-EMPT	#20								1	1	1	2	1	1						
I.I.S.N.S.	#12			2	2	2	2	2	2	2	2	2	2	2						
LUMINAIRES	#8			2	2	2	2	2	2	2	2	2	2	2						
SIGNAL SERVICE	#6											2	2							
CONDUIT SIZE		2"	2.5"	2.5"	2.5"	2.5"	2.5"	2.5"	2.5"	2.5"	2-3"	2"	2"	2"	2"					



PHASE DIAGRAM



AS-BUILT PER TE-96-9		10/00	CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS		TRAFFIC SIGNAL LA SIERRA AVENUE @ NORWOOD AVENUE	ACCT. NO. X-455
MARK	REVISIONS	APPR. DATE	APPROVED BY	BY DATE	APPROVED BY	SHEET 1 OF 1
DESIGNED BY MAC	DRAWN BY MAC	CHECKED BY	PRINCIPAL ENGINEER		DIRECTOR OF PUBLIC WORKS	FILE NAME: X455AS.DWG
			P.W. INSPECTION			
			TRAFFIC DIVISION			
			CHIEF P.W. ENGR.			
			PUBLIC UTILITIES			

SCALE: 1" = 20'

EQUIPMENT SCHEDULE

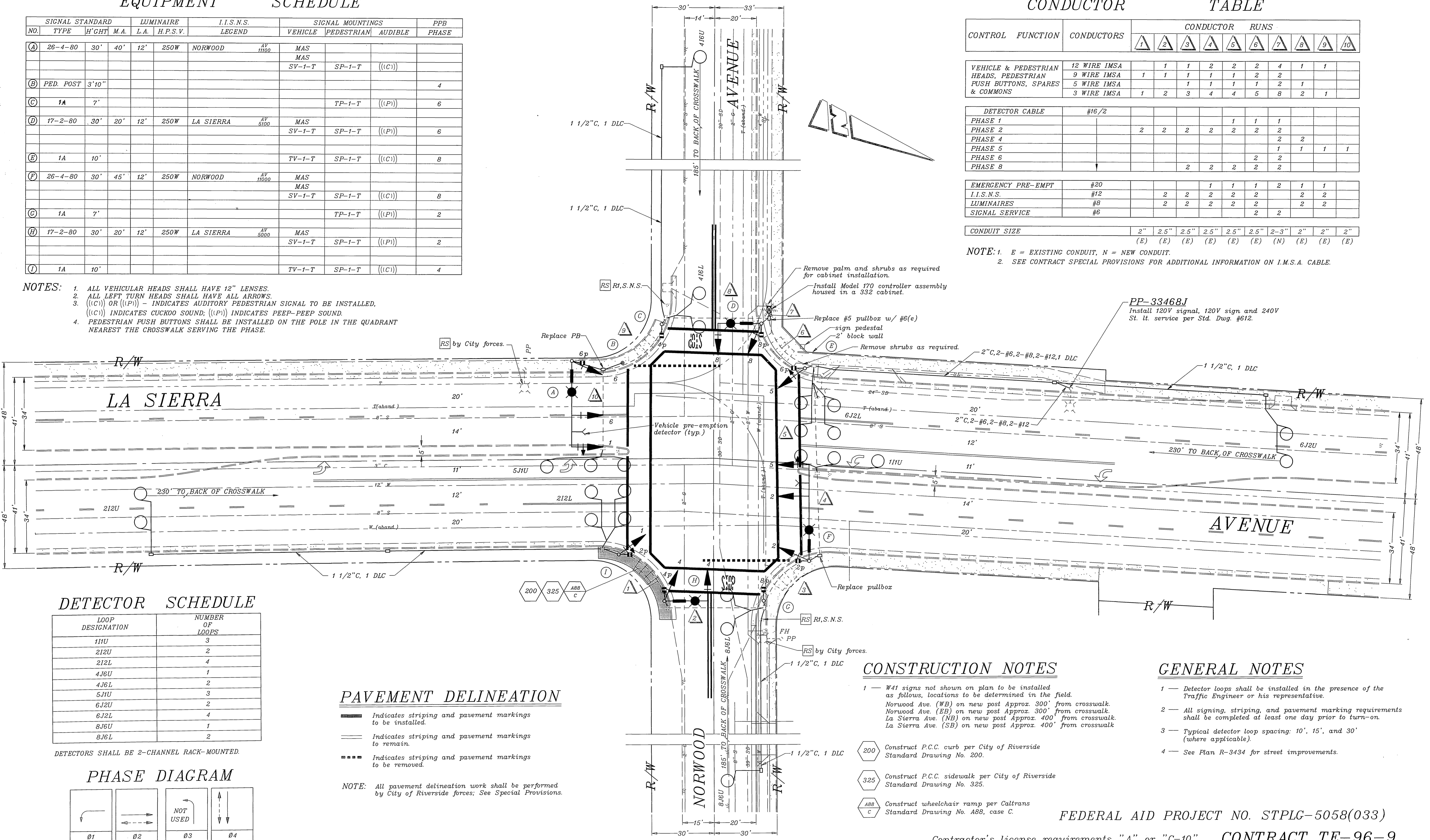
NO.	SIGNAL STANDARD TYPE	H'GHT	M.A.	LUMINAIRE		I.I.S.N.S. LEGEND	SIGNAL MOUNTINGS			PPB PHASE		
				L.A.	H.P.S.V.		VEHICLE	PEDESTRIAN	AUDIBLE			
(A)	26-4-80	30'	40'	12'	250W	NORWOOD	AV 1100	MAS				
								MAS				
								SV-1-T	SP-1-T	((C))		
(B)	PED. POST	3'10"										4
(C)	1A	7'							TP-1-T	((P))		6
(D)	17-2-80	30'	20'	12'	250W	LA SIERRA	AV 5100	MAS				
								SV-1-T	SP-1-T	((P))		6
(E)	1A	10'							TV-1-T	SP-1-T	((C))	8
(F)	26-4-80	30'	45'	12'	250W	NORWOOD	AV 1100	MAS				
								MAS				
								SV-1-T	SP-1-T	((C))		8
(G)	1A	7'							TP-1-T	((P))		2
(H)	17-2-80	30'	20'	12'	250W	LA SIERRA	AV 5000	MAS				
								SV-1-T	SP-1-T	((P))		2
(I)	1A	10'							TV-1-T	SP-1-T	((C))	4

- NOTES:
- ALL VEHICULAR HEADS SHALL HAVE 12" LENSES.
 - ALL LEFT TURN HEADS SHALL HAVE ALL ARROWS.
 - ((C)) OR ((P)) - INDICATES AUDITORY PEDESTRIAN SIGNAL TO BE INSTALLED. ((C)) INDICATES CUCKOO SOUND; ((P)) INDICATES PEEP-PEEP SOUND.
 - PEDESTRIAN PUSH BUTTONS SHALL BE INSTALLED ON THE POLE IN THE QUADRANT NEAREST THE CROSSWALK SERVING THE PHASE.

CONDUCTOR TABLE

CONTROL FUNCTION	CONDUCTORS	CONDUCTOR RUNS																					
		1	2	3	4	5	6	7	8	9	10												
VEHICLE & PEDESTRIAN HEADS, PEDESTRIAN PUSH BUTTONS, SPARES & COMMONS	12 WIRE IMSA 9 WIRE IMSA 5 WIRE IMSA 3 WIRE IMSA		1	1	2	2	2	4	1	1													
DETECTOR CABLE	#16/2									1	1	1											
PHASE 1																							
PHASE 2			2	2	2	2	2	2	2														
PHASE 4																							
PHASE 5																							
PHASE 6																							
PHASE 8																							
EMERGENCY PRE-EMPT	#20									1	1	1	2	1	1								
I.I.S.N.S.	#12									2	2	2	2	2	2	2	2	2	2	2			
LUMINAIRES	#8									2	2	2	2	2	2	2	2	2	2				
SIGNAL SERVICE	#6																						
CONDUIT SIZE		2"	2.5"	2.5"	2.5"	2.5"	2.5"	2-3"	2"	2"	2"	2"	2"	2"	2"	2"	2"	2"	2"	2"	2"	2"	2"
		(E)	(E)	(E)	(E)	(E)	(E)	(E)	(N)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)

NOTE: 1. E = EXISTING CONDUIT, N = NEW CONDUIT.
2. SEE CONTRACT SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION ON I.M.S.A. CABLE.



DETECTOR SCHEDULE

LOOP DESIGNATION	NUMBER OF LOOPS
11U	3
212U	2
212L	4
4J6U	1
4J6L	2
5J1U	3
6J2U	2
6J2L	4
8J6U	1
8J6L	2

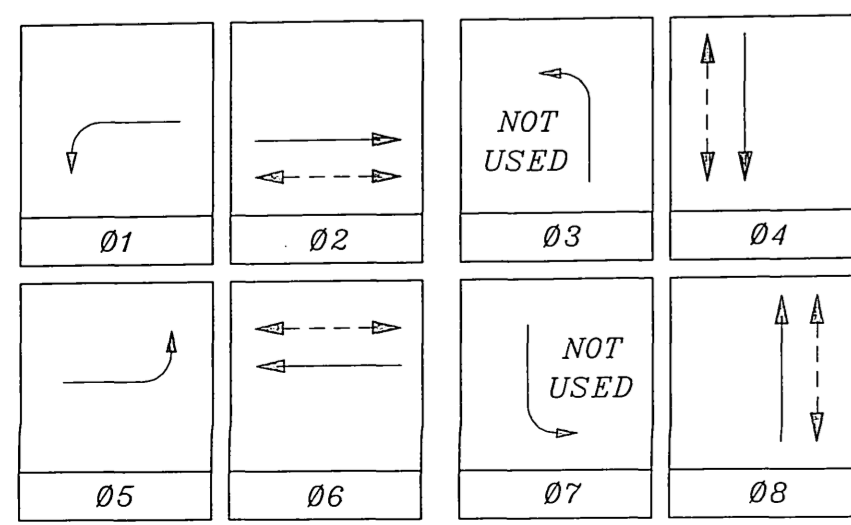
DETECTORS SHALL BE 2-CHANNEL RACK-MOUNTED.

PAVEMENT DELINEATION

- Indicates striping and pavement markings to be installed.
- Indicates striping and pavement markings to remain.
- Indicates striping and pavement markings to be removed.

NOTE: All pavement delineation work shall be performed by City of Riverside forces; See Special Provisions.

PHASE DIAGRAM



FLASHING OPERATION SHALL BE ALL RED.

CONSTRUCTION NOTES

- W41 signs not shown on plan to be installed as follows, locations to be determined in the field:
Norwood Ave. (WB) on new post Approx. 300' from crosswalk.
Norwood Ave. (EB) on new post Approx. 300' from crosswalk.
La Sierra Ave. (NB) on new post Approx. 400' from crosswalk.
La Sierra Ave. (SB) on new post Approx. 400' from crosswalk.
- Construct P.C.C. curb per City of Riverside Standard Drawing No. 200.
- Construct P.C.C. sidewalk per City of Riverside Standard Drawing No. 325.
- Construct wheelchair ramp per Caltrans Standard Drawing No. A88, case C.

GENERAL NOTES

- Detector loops shall be installed in the presence of the Traffic Engineer or his representative.
- All signing, striping, and pavement marking requirements shall be completed at least one day prior to turn-on.
- Typical detector loop spacing: 10', 15', and 30' (where applicable).
- See Plan R-3434 for street improvements.

FEDERAL AID PROJECT NO. STPLG-5058(033)

Contractor's license requirements "A" or "C-10" CONTRACT TE-96-9



ENGINEER IN RESPONSIBLE CHARGE
Richard D. McGrath
RICHARD D. McGRATH
R.C.E. No. 31952 expires 12-31-96
DATE 12-3-96

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY: [Signature]
PRINCIPAL ENGINEER: [Signature]
TRAFFIC DIVISION: [Signature]
CHIEF P.W. ENGR: [Signature]
PUBLIC UTILITIES: [Signature]

DATE: 12/5/96

TRAFFIC SIGNAL
LA SIERRA AVENUE
@
NORWOOD AVENUE

ACCT. NO. 0430-541600-440125-35073
X-455
SHEET 1 OF 1
FILE NAME: X455.DWG

SCALE: 1" = 20'