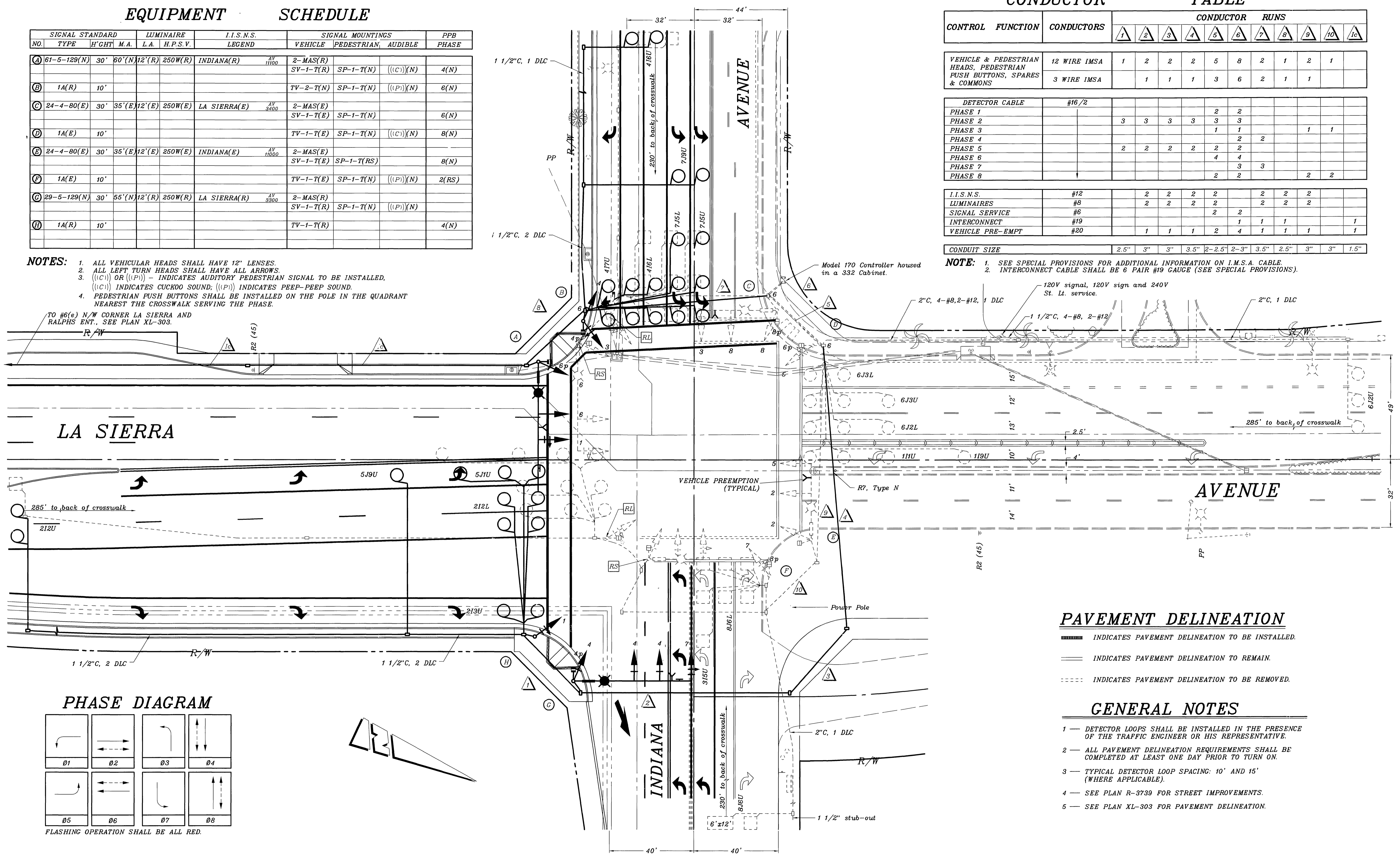


**EQUIPMENT SCHEDULE**

NO.	SIGNAL STANDARD		LUMINAIRE		I.I.S.N.S.		SIGNAL MOUNTINGS			PPB PHASE		
	TYPE	H'GHT	M.A.	L.A.	H.P.S.V.	LEGEND	VEHICLE	PEDESTRIAN	AUDIBLE			
(A)	61-5-129(N)	30'	60'(N)	12'(R)	250W(R)	INDIANA(R)	AV 11000	2-MAS(R)	SV-1-T(R)	SP-1-T(N)	((C))((N))	4(N)
(B)	1A(R)	10'						TV-2-T(N)	SP-1-T(N)		((P))((N))	6(N)
(C)	24-4-80(E)	30'	35'(E)	12'(E)	250W(E)	LA SIERRA(E)	AV 3400	2-MAS(E)	SV-1-T(E)	SP-1-T(N)		6(N)
(D)	1A(E)	10'						TV-1-T(E)	SP-1-T(N)		((C))((N))	8(N)
(E)	24-4-80(E)	30'	35'(E)	12'(E)	250W(E)	INDIANA(E)	AV 10000	2-MAS(E)	SV-1-T(E)	SP-1-T(RS)		8(N)
(F)	1A(E)	10'						TV-1-T(E)	SP-1-T(N)		((P))((N))	2(RS)
(G)	29-5-129(N)	30'	55'(N)	12'(R)	250W(R)	LA SIERRA(R)	AV 3300	2-MAS(R)	SV-1-T(R)	SP-1-T(N)	((P))((N))	4(N)
(H)	1A(R)	10'						TV-1-T(R)				4(N)

- 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.

TO #6(e) N/W CORNER LA SIERRA AND RALPHS ENT., SEE PLAN XL-303.



**CONDUCTOR TABLE**

CONTROL FUNCTION	CONDUCTORS	CONDUCTOR RUNS																		
		1	2	3	4	5	6	7	8	9	10	1c								
VEHICLE & PEDESTRIAN HEADS, PEDESTRIAN PUSH BUTTONS, SPARES & COMMONS	12 WIRE IMSA 3 WIRE IMSA	1	2	2	2	5	8	2	1	2	1									
DETECTOR CABLE	#16/2																			
PHASE 1							2	2												
PHASE 2			3	3	3	3	3	3												
PHASE 3							1	1												
PHASE 4									2	2										
PHASE 5			2	2	2	2	2	2												
PHASE 6									4	4										
PHASE 7										3	3									
PHASE 8							2	2												
I.I.S.N.S.	#12		2	2	2	2				2	2	2								
LUMINAIRES	#8		2	2	2	2				2	2	2								
SIGNAL SERVICE	#6						2	2												
INTERCONNECT	#19								1	1	1									1
VEHICLE PRE-EMPT	#20		1	1	1	1	2	4	1	1	1									1
CONDUIT SIZE		2.5"	3"	3"	3.5"	2-2.5"	2-3"	3.5"	2.5"	3"	3"	3"	1.5"							

**NOTE:** 1. SEE SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION ON I.M.S.A. CABLE.  
2. INTERCONNECT CABLE SHALL BE 6 PAIR #19 GAUGE (SEE SPECIAL PROVISIONS).

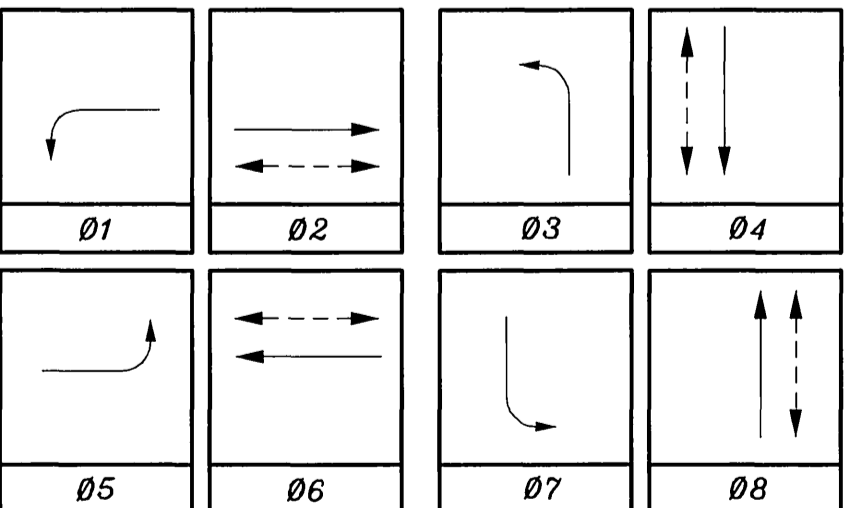
**PAVEMENT DELINEATION**

- INDICATES PAVEMENT DELINEATION TO BE INSTALLED.
- INDICATES PAVEMENT DELINEATION TO REMAIN.
- INDICATES PAVEMENT DELINEATION TO BE REMOVED.

**GENERAL NOTES**

- DETECTOR LOOPS SHALL BE INSTALLED IN THE PRESENCE OF THE TRAFFIC ENGINEER OR HIS REPRESENTATIVE.
- ALL PAVEMENT DELINEATION REQUIREMENTS SHALL BE COMPLETED AT LEAST ONE DAY PRIOR TO TURN ON.
- TYPICAL DETECTOR LOOP SPACING: 10' AND 15' (WHERE APPLICABLE).
- SEE PLAN R-3739 FOR STREET IMPROVEMENTS.
- SEE PLAN XL-303 FOR PAVEMENT DELINEATION.

**PHASE DIAGRAM**



FLASHING OPERATION SHALL BE ALL RED.

**IMPORTANT NOTICE**  
Section 4216/4217 of the Government Code requires a Dig Alert Identification Number to be issued before a "Horn to Excavate" will be valid. For your Dig Alert I.D. Number call CALL TOLL FREE TWO WORKING DAYS BEFORE YOU DIG UNDERGROUND SERVICE ALERT 1-800-227-2600

**ENGINEER IN RESPONSIBLE CHARGE**  
THOMAS JOHN BOYD  
R.C.E. No. 36170 expires 6/30/15  
DATE 9/2/15

**REGULATED PROFESSIONAL ENGINEER**  
THOMAS JOHN BOYD  
No. 35170  
Exp. 06-30-2006  
CIVIL  
STATE OF CALIFORNIA

**CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS**  
APPROVED BY: [Signature]  
PRINCIPAL ENGINEER  
TRAFFIC DIVISION

**TRAFFIC SIGNAL REVISION**  
LA SIERRA AVENUE @ INDIANA AVENUE

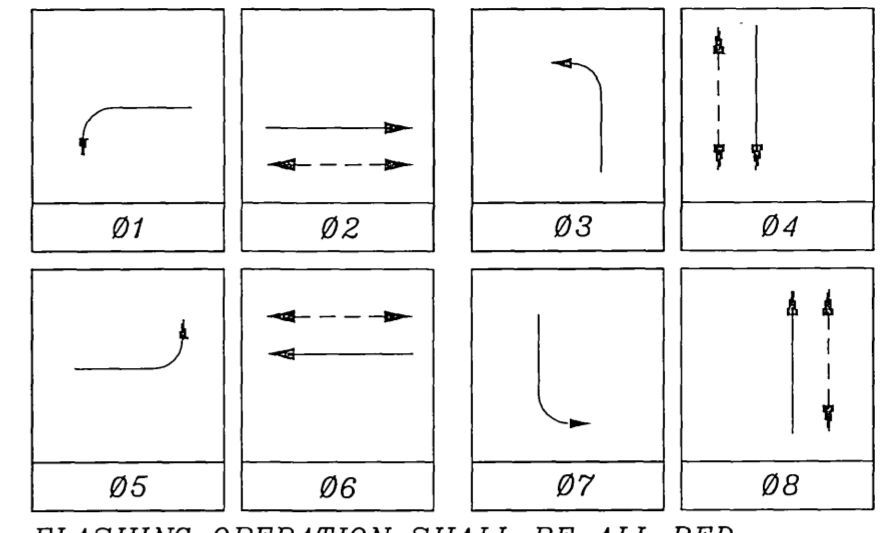
ACCT. NO. X-493A  
SHEET 1 OF 1  
FILE NAME: X493A.DWG



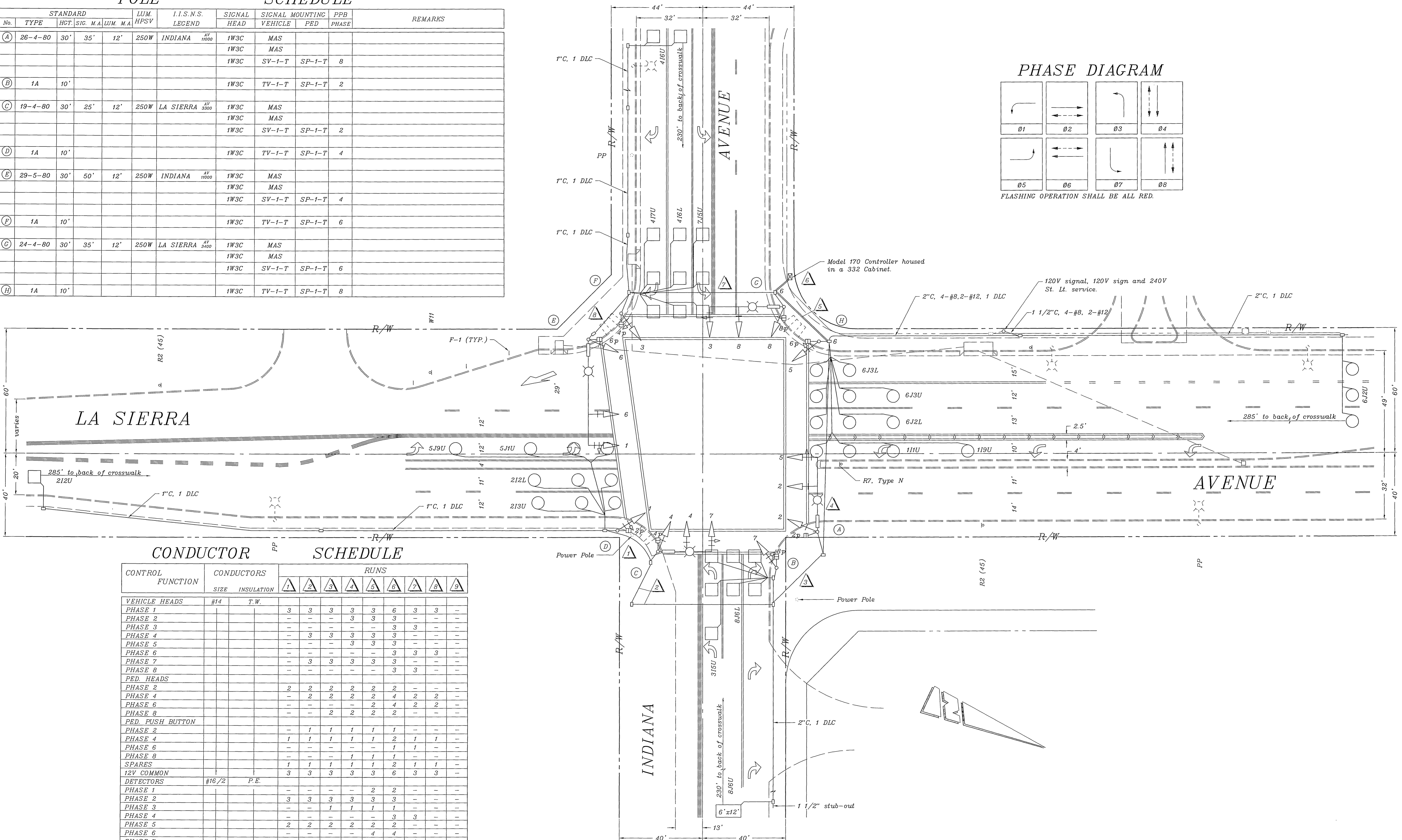
**POLE SCHEDULE**

No.	STANDARD				LUM. HPSV	I.I.S.N.S. LEGEND	SIGNAL MOUNTING		PPB PHASE	REMARKS
	TYPE	HGT.	SIG. M.A.	LUM. M.A.			HEAD	VEHICLE		
(A)	26-4-80	30'	35'	12'	250W	INDIANA AV 11000	1W3C	MAS		
							1W3C	MAS		
							1W3C	SV-1-T	SP-1-T	8
(B)	1A	10'					1W3C	TV-1-T	SP-1-T	2
(C)	19-4-80	30'	25'	12'	250W	LA SIERRA AV 3300	1W3C	MAS		
							1W3C	MAS		
							1W3C	SV-1-T	SP-1-T	2
(D)	1A	10'					1W3C	TV-1-T	SP-1-T	4
(E)	29-5-80	30'	50'	12'	250W	INDIANA AV 11000	1W3C	MAS		
							1W3C	MAS		
							1W3C	SV-1-T	SP-1-T	4
(F)	1A	10'					1W3C	TV-1-T	SP-1-T	6
(G)	24-4-80	30'	35'	12'	250W	LA SIERRA AV 3400	1W3C	MAS		
							1W3C	MAS		
							1W3C	SV-1-T	SP-1-T	6
(H)	1A	10'					1W3C	TV-1-T	SP-1-T	8

**PHASE DIAGRAM**



FLASHING OPERATION SHALL BE ALL RED.



**CONDUCTOR SCHEDULE**

CONTROL FUNCTION	CONDUCTORS		RUNS								
	SIZE	INSULATION	1	2	3	4	5	6	7	8	9
VEHICLE HEADS	#14	T.W.									
PHASE 1			3	3	3	3	3	6	3	3	-
PHASE 2			-	-	-	-	-	3	3	-	-
PHASE 3			-	-	-	-	-	3	3	-	-
PHASE 4			-	3	3	3	3	3	-	-	-
PHASE 5			-	-	-	3	3	3	-	-	-
PHASE 6			-	-	-	-	-	3	3	3	-
PHASE 7			-	3	3	3	3	3	-	-	-
PHASE 8			-	-	-	-	-	3	3	-	-
PED. HEADS											
PHASE 2			2	2	2	2	2	2	-	-	-
PHASE 4			-	2	2	2	2	4	2	2	-
PHASE 6			-	-	-	-	2	4	2	2	-
PHASE 8			-	2	2	2	2	2	-	-	-
PED. PUSH BUTTON											
PHASE 2			-	1	1	1	1	1	-	-	-
PHASE 4			1	1	1	1	1	2	1	1	-
PHASE 6			-	-	-	-	-	1	1	-	-
PHASE 8			-	-	-	1	1	1	-	-	-
SPARES			1	1	1	1	1	2	1	1	-
12V COMMON			3	3	3	3	3	6	3	3	-
DETECTORS	#16/2	P.E.									
PHASE 1			-	-	-	-	2	2	-	-	-
PHASE 2			3	3	3	3	3	3	-	-	-
PHASE 3			-	1	1	1	1	1	-	-	-
PHASE 4			-	-	-	-	-	3	3	-	-
PHASE 5			2	2	2	2	2	2	-	-	-
PHASE 6			-	-	-	-	4	4	-	-	-
PHASE 7			-	-	-	-	-	1	1	-	-
PHASE 8			-	-	2	2	2	2	-	-	-
I.I.S.N.S.	#12	T.W.	-	2	2	2	2	2	-	-	-
120V COMMON	#10	T.W.	1	1	1	1	1	2	1	1	-
LUMINAIRES	#8	T.H.W.	-	2	2	2	2	2	2	-	-
SIGNAL SERVICE	#8	T.H.W.	-	-	-	-	2	2	-	-	-
INTERCONNECT	#19/2	P.E.	-	-	-	-	-	-	-	-	-
CONDUIT SIZE			2"	2.5"	3"	3"	2-2.5"	2-3"	2.5"	2"	-

CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS				TRAFFIC SIGNAL REVISION		ACCT. NO.
As-built per St. Improv. R-3409 MAC 01/07				LA SIERRA AVENUE @		X-493
As-built per Contract TE-94-2 MAC 1/96				INDIANA AVENUE		SHEET 1 OF 1
As-built per St. Improv. R-3233 MAC 1/96				INDIANA AVENUE		FILE NAME: X493AS.DWG
As-built signalization R-2625 MAC 1/96				SCALE: 1" = 20'		
MARK	REVISIONS	APPR.	DATE	TRAFFIC DIVISION	CHIEF P.W. ENGR.	
DESIGNED BY: JJS	DRAWN BY: MAC	CHECKED BY:				