

CONDUCTOR TABLE

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

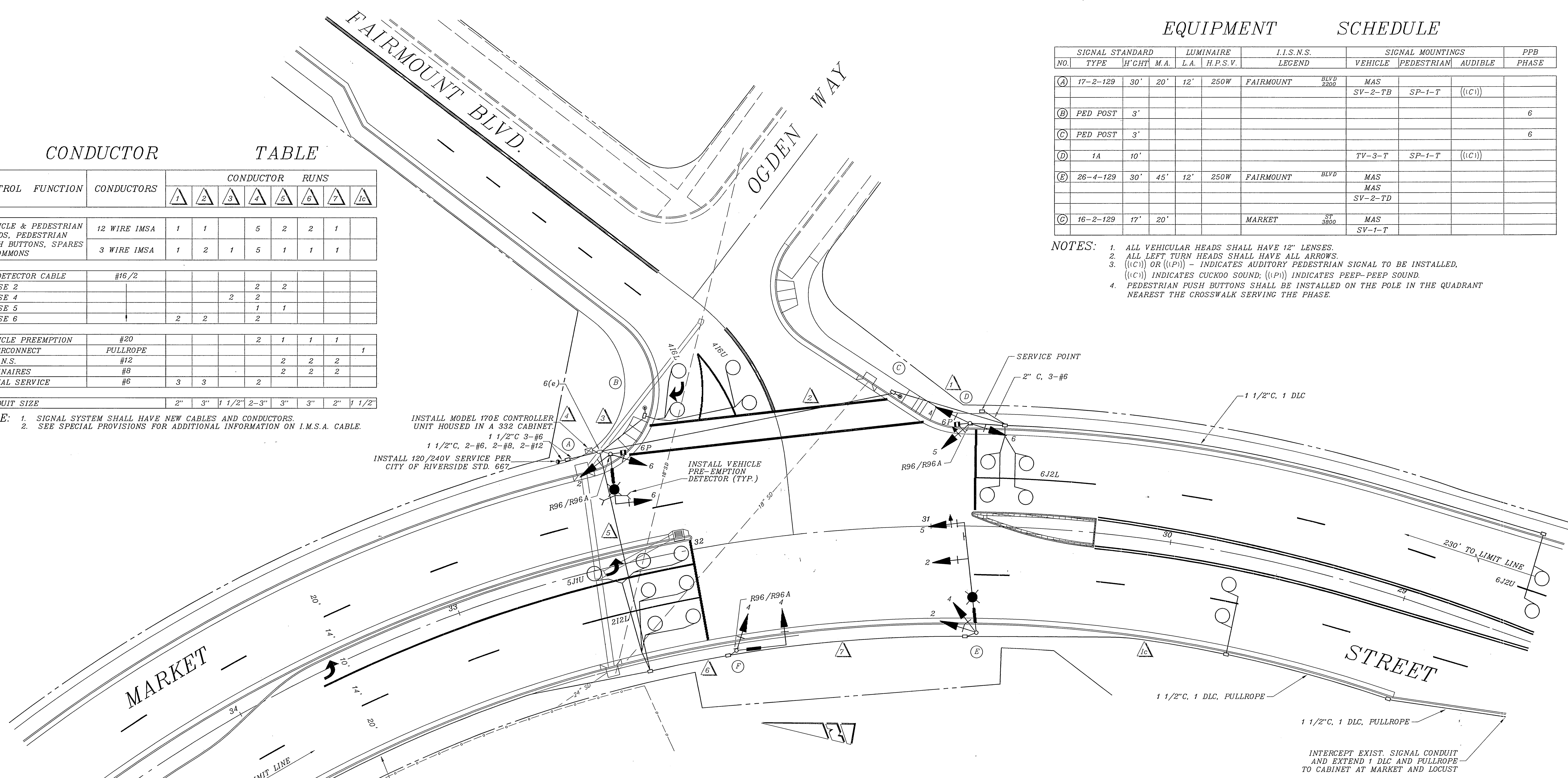
NOTE: 1. SIGNAL SYSTEM SHALL HAVE NEW CABLES AND CONDUCTORS.  
2. SEE SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION ON I.M.S.A. CABLE.

INSTALL MODEL 170E CONTROLLER UNIT HOUSED IN A 332 CABINET  
1 1/2" C. 3-#6  
1 1/2" C. 2-#6, 2-#8, 2-#12  
INSTALL 120/240V SERVICE PER CITY OF RIVERSIDE STD. 667  
INSTALL VEHICLE PRE-EMPTION DETECTOR (TYP.)

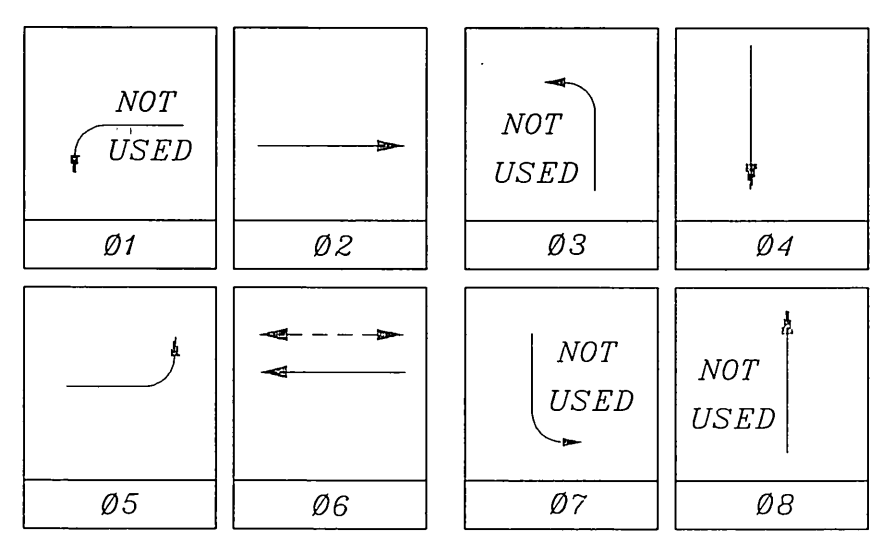
EQUIPMENT SCHEDULE

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)	17-2-129	30'	20'	12'	250W	FAIRMOUNT	BLVD 2200	MAS	SV-2-TB	SP-1-T	((C1))
(B)	PED POST	3'									6
(C)	PED POST	3'									6
(D)	1A	10'						TV-3-T	SP-1-T	((C1))	
(E)	26-4-129	30'	45'	12'	250W	FAIRMOUNT	BLVD	MAS	SV-2-TD		
(C)	16-2-129	17'	20'			MARKET	ST 3800	MAS	SV-1-T		

NOTES: 1. ALL VEHICULAR HEADS SHALL HAVE 12" LENSES.  
2. ALL LEFT TURN HEADS SHALL HAVE ALL ARROWS.  
3. ((C1)) OR ((P1)) - INDICATES AUDITORY PEDESTRIAN SIGNAL TO BE INSTALLED. ((C1)) INDICATES CUCKOO SOUND; ((P1)) INDICATES PEEP-PEEP SOUND.  
4. PEDESTRIAN PUSH BUTTONS SHALL BE INSTALLED ON THE POLE IN THE QUADRANT NEAREST THE CROSSWALK SERVING THE PHASE.



PHASE DIAGRAM



FLASHING OPERATION SHALL BE ALL RED.

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.

GENERAL NOTES

- 1 - Detector loops shall be installed in the presence of the Traffic Engineer or his representative.
- 2 - All signing, striping, and pavement marking requirements shall be completed at least one day prior to turn-on.
- 3 - Typical detector loop spacing: 10' and 15' (where applicable).
- 4 - See Plan R-3663 for Street Improvements.

**IMPORTANT NOTICE**  
Section 4216/4217 of the Government Code requires a Dig Alert Identification Number to be issued before a "Permit to Excavate" will be void. 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  
DATE

REGISTERED PROFESSIONAL ENGINEER  
THOMAS JOHN BOYD  
No. 36170  
Exp. 06-30-2004  
CIVIL  
STATE OF CALIFORNIA

MARK	REVISIONS	APPR.	DATE

CITY OF RIVERSIDE, CALIFORNIA  
DEPARTMENT OF PUBLIC WORKS  
APPROVED BY: [Signature]  
PRINCIPAL ENGINEER  
TRAFFIC DIVISION  
PUBLIC UTILITIES  
DATE: 3/20/03

TRAFFIC SIGNAL  
MARKET STREET  
AND  
FAIRMOUNT BOULEVARD  
SCALE: 1" = 20'

ACCT. NO. 9217200601-44044600  
X-263  
SHEET 1 OF 1  
FILE NAME: X263.DWG