CONDUCTOR TABLE

CONTROL FUNCTION	CONDUCTORS	CONDUCTOR RUNS 1	2	3	4	5	6	7	8
VEHICLE & PEDESTRIAN HEADS, PEDESTRIAN PUSH BUTTONS, SPARES & COMMONS	12 CONDUCTOR IMSA	1	2	2	3	4	6	1	1
	9 CONDUCTOR IMSA	–	–	–	–	–	–	–	–
	5 CONDUCTOR IMSA	–	–	–	–	–	–	–	–
	3 CONDUCTOR IMSA	1	2	3	3	4	5	1	1
DETECTOR CABLE	#16/2								
PHASE 1		–	–	–	–	–	1	1	1
PHASE 2		–	–	–	2	2	2	–	–
PHASE 6		–	–	–	–	–	2	2	2
PHASE 7		–	–	–	–	–	1	–	–
PHASE 8		–	2	2	2	2	2	–	–
TOTALS		–	2	2	4	4	8	3	3
EVPE CABLE	#20/4	1	1	1	1	2	4	2	2
IISNS	#12	2	2	2	2	2	–	2	2
LUMINAIRES	#8	2	2	2	2	2	–	2	2
SIGNAL SERVICE	#6	–	–	–	2	2	2	–	–
INTERCONNECT	SIC	1	1	1	1	1	2	–	–
CONDUIT SIZE		3"	3"	3"	4"	4"	2-4"	3"	3"

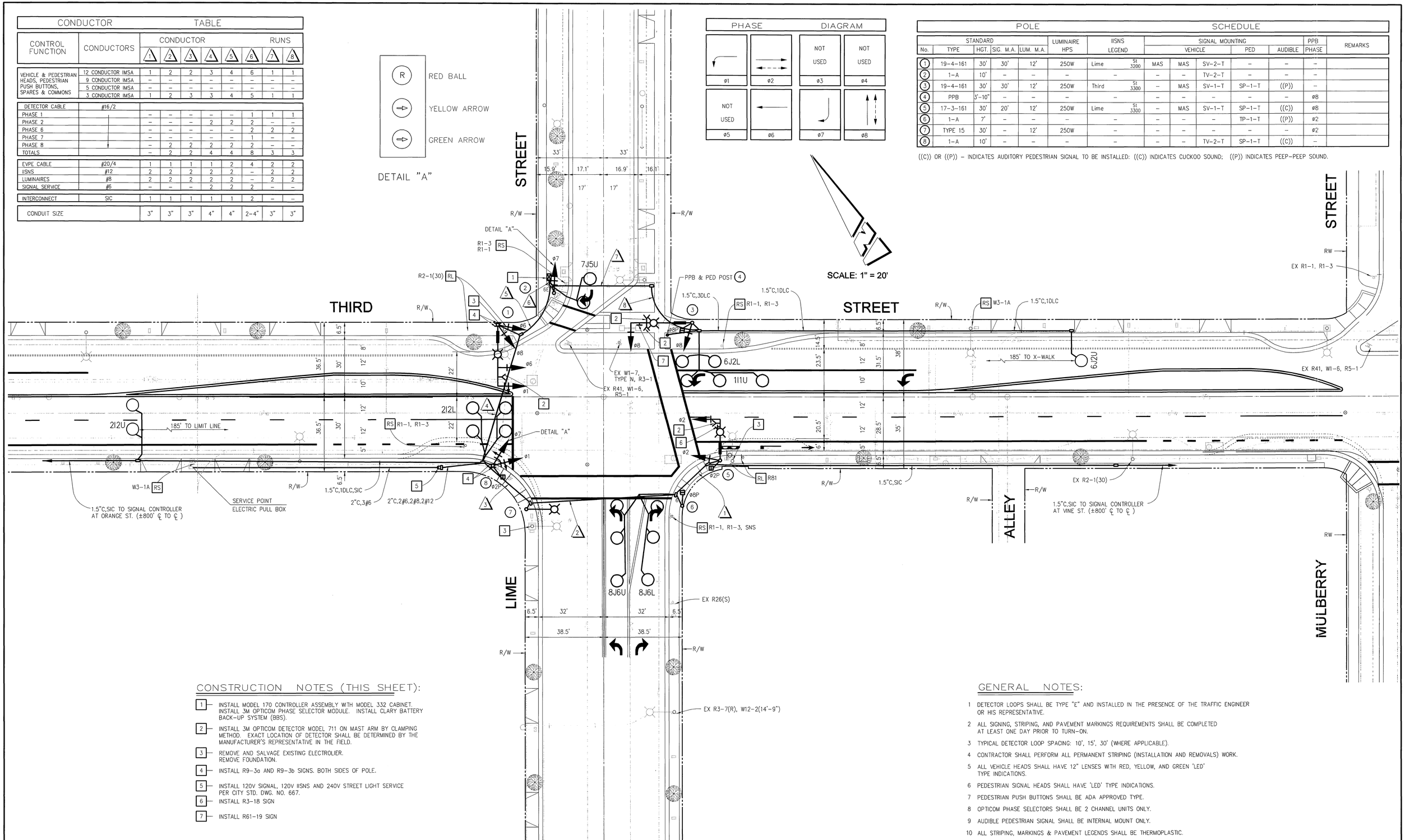
DETAIL "A"

PHASE DIAGRAM

POLE SCHEDULE

No.	STANDARD TYPE	HGT.	SIG. M.A.	LUM. M.A.	LUMINAIRE HPS	IISNS LEGEND	SIGNAL MOUNTING VEHICLE		PED	AUDIBLE	PPB PHASE	REMARKS
1	19-4-161	30'	30'	12'	250W	Lime St 3200	MAS	MAS	SV-2-T	–	–	
2	1-A	10'	–	–	–	–	–	–	TV-2-T	–	–	
3	19-4-161	30'	30'	12'	250W	Third St 3300	–	MAS	SV-1-T	SP-1-T	((P))	–
4	PPB	3'-10"	–	–	–	–	–	–	–	–	–	ø8
5	17-3-161	30'	20'	12'	250W	Lime St 3300	–	MAS	SV-1-T	SP-1-T	((C))	ø8
6	1-A	7'	–	–	–	–	–	–	–	TP-1-T	((P))	ø2
7	TYPE 15	30'	–	12'	250W	–	–	–	–	–	–	ø2
8	1-A	10'	–	–	–	–	–	–	TV-2-T	SP-1-T	((C))	–

((C)) OR ((P)) – INDICATES AUDITORY PEDESTRIAN SIGNAL TO BE INSTALLED: ((C)) INDICATES CUCKOO SOUND; ((P)) INDICATES PEEP-PEEP SOUND.



CONSTRUCTION NOTES (THIS SHEET):

1. INSTALL MODEL 170 CONTROLLER ASSEMBLY WITH MODEL 332 CABINET. INSTALL 3M OPTICOM PHASE SELECTOR MODULE. INSTALL CLARY BATTERY BACK-UP SYSTEM (BBS).
2. INSTALL 3M OPTICOM DETECTOR MODEL 711 ON MAST ARM BY CLAMPING METHOD. EXACT LOCATION OF DETECTOR SHALL BE DETERMINED BY THE MANUFACTURER'S REPRESENTATIVE IN THE FIELD.
3. REMOVE AND SALVAGE EXISTING ELECTROLIER. REMOVE FOUNDATION.
4. INSTALL R9-3a AND R9-3b SIGNS. BOTH SIDES OF POLE.
5. INSTALL 120V SIGNAL, 120V IISNS AND 240V STREET LIGHT SERVICE PER CITY STD. DWG. NO. 667.
6. INSTALL R3-18 SIGN
7. INSTALL R61-19 SIGN

GENERAL NOTES:

1. DETECTOR LOOPS SHALL BE TYPE "E" AND INSTALLED IN THE PRESENCE OF THE TRAFFIC ENGINEER OR HIS REPRESENTATIVE.
2. ALL SIGNING, STRIPING, AND PAVEMENT MARKINGS REQUIREMENTS SHALL BE COMPLETED AT LEAST ONE DAY PRIOR TO TURN-ON.
3. TYPICAL DETECTOR LOOP SPACING: 10', 15', 30' (WHERE APPLICABLE).
4. CONTRACTOR SHALL PERFORM ALL PERMANENT STRIPING (INSTALLATION AND REMOVALS) WORK.
5. ALL VEHICLE HEADS SHALL HAVE 12" LENSES WITH RED, YELLOW, AND GREEN 'LED' TYPE INDICATIONS.
6. PEDESTRIAN SIGNAL HEADS SHALL HAVE 'LED' TYPE INDICATIONS.
7. PEDESTRIAN PUSH BUTTONS SHALL BE ADA APPROVED TYPE.
8. OPTICOM PHASE SELECTORS SHALL BE 2 CHANNEL UNITS ONLY.
9. AUDIBLE PEDESTRIAN SIGNAL SHALL BE INTERNAL MOUNT ONLY.
10. ALL STRIPING, MARKINGS & PAVEMENT LEGENDS SHALL BE THERMOPLASTIC.

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ENGINEER IN RESPONSIBLE CHARGE
GILBERT M. HERNANDEZ
R.C.E. No. 69170 expires 6-30-08
DATE 9-5-06

REGISTERED PROFESSIONAL ENGINEER GILBERT M. HERNANDEZ No. 69170 Exp. 06-30-08 CIVIL STATE OF CALIFORNIA

MARK	REVISIONS	APPR.	DATE

DESIGNED BY ____ DRAWN BY ____ CHECKED BY ____

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY	DATE	BY
PRINCIPAL ENGINEER		
TRAFFIC DIVISION	9/5/06	

APPROVED BY
CITY ENGINEER
DATE 9/11/06

TRAFFIC SIGNAL REVISION
THIRD STREET AND LIME STREET
HORIZ. SCALE: 1"= 20' VERT. SCALE: N/A

ACCOUNT NO. X-163A
SHEET 2 OF 3