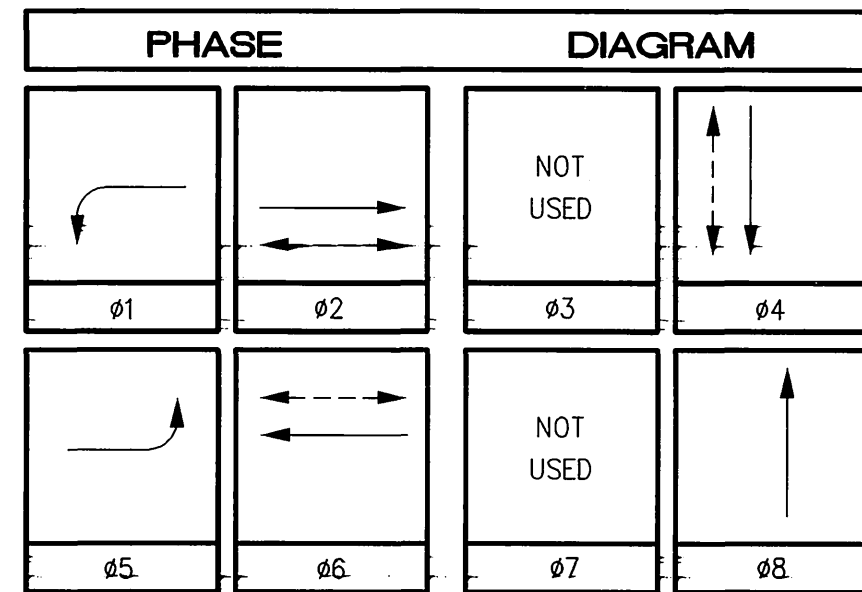
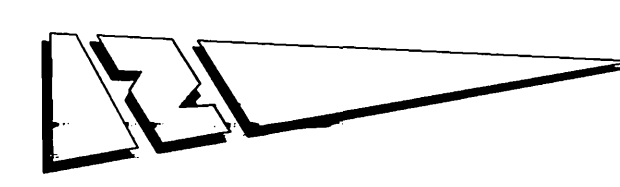


CONDUCTOR		TABLE							
CONTROL FUNCTION	CONDUCTORS	CONDUCTOR				RUNS			
		1	2	3	4	5	6	7	8
VEHICLE & PEDESTRIAN HEADS, PEDESTRIAN PUSH BUTTONS, SPARES & COMMONS	12 CONDUCTOR IMSA	1	2	3	8	4	3	2	1
	9 CONDUCTOR IMSA	-	-	-	-	-	-	-	-
	5 CONDUCTOR IMSA	-	-	-	-	-	-	-	-
	3 CONDUCTOR IMSA	-	1	2	6	3	2	1	-
DETECTOR CABLE	#16/2								
PHASE 1		1	1	1	1	-	-	-	-
PHASE 2		-	-	-	2	2	-	-	-
PHASE 4		-	-	1	1	-	-	-	-
PHASE 5		-	-	-	1	1	-	-	-
PHASE 6		2	2	2	2	-	-	-	-
PHASE 8		-	-	-	1	1	1	1	-
TOTALS		3	3	4	8	4	1	1	-
EVPE CABLE	#20/4	-	2	2	4	-	-	-	-
IISNS	#12	-	2	2	-	2	2	2	2
LUMINAIRES	#8	-	2	2	-	2	2	2	2
SIGNAL SERVICE	#6	-	-	-	2	-	-	-	-
CONDUIT SIZE		2"	3"	3"	2-3.5"	3.5"	3"	3"	2"



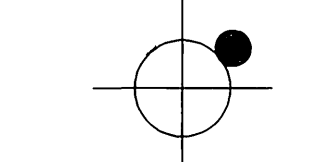
		POLE				SCHEDULE						
No.	TYPE	STANDARD		LUMINAIRE HPS	IISNS LEGEND	SIGNAL MOUNTING			PPB PHASE	REMARKS		
		HGT.	SIG. M.A.			VEHICLE	PED	AUDIBLE				
1	26-4-80	30'	45'	12'	250W	Marlborough-1400	MAS	MAS	SV-1-T	SP-1-T	((P))	04
2	1-A	10'	-	-	-	-	-	-	TV-1-T	SP-1-T	((C))	06
3	17-2-80	30'	20'	12'	250W	Iowa Ave 1500	-	MAS	SV-1-T	SP-1-T	((P))	06
4	1-A	10'	-	-	-	-	-	-	TV-1-T	-	-	-
5	26-4-80	30'	45'	12'	250W	Marlborough-1300	MAS	MAS	SV-1-T	SP-1-T	((P))	-
6	1-A	10'	-	-	-	-	-	-	TV-1-T	-	-	02
7	19-2-80	30'	30'	12'	250W	Iowa Ave 1600	-	MAS	SV-1-T	SP-1-T	((C))	02
8	1-A	10'	-	-	-	-	-	-	TV-1-T	SP-1-T	((P))	04

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



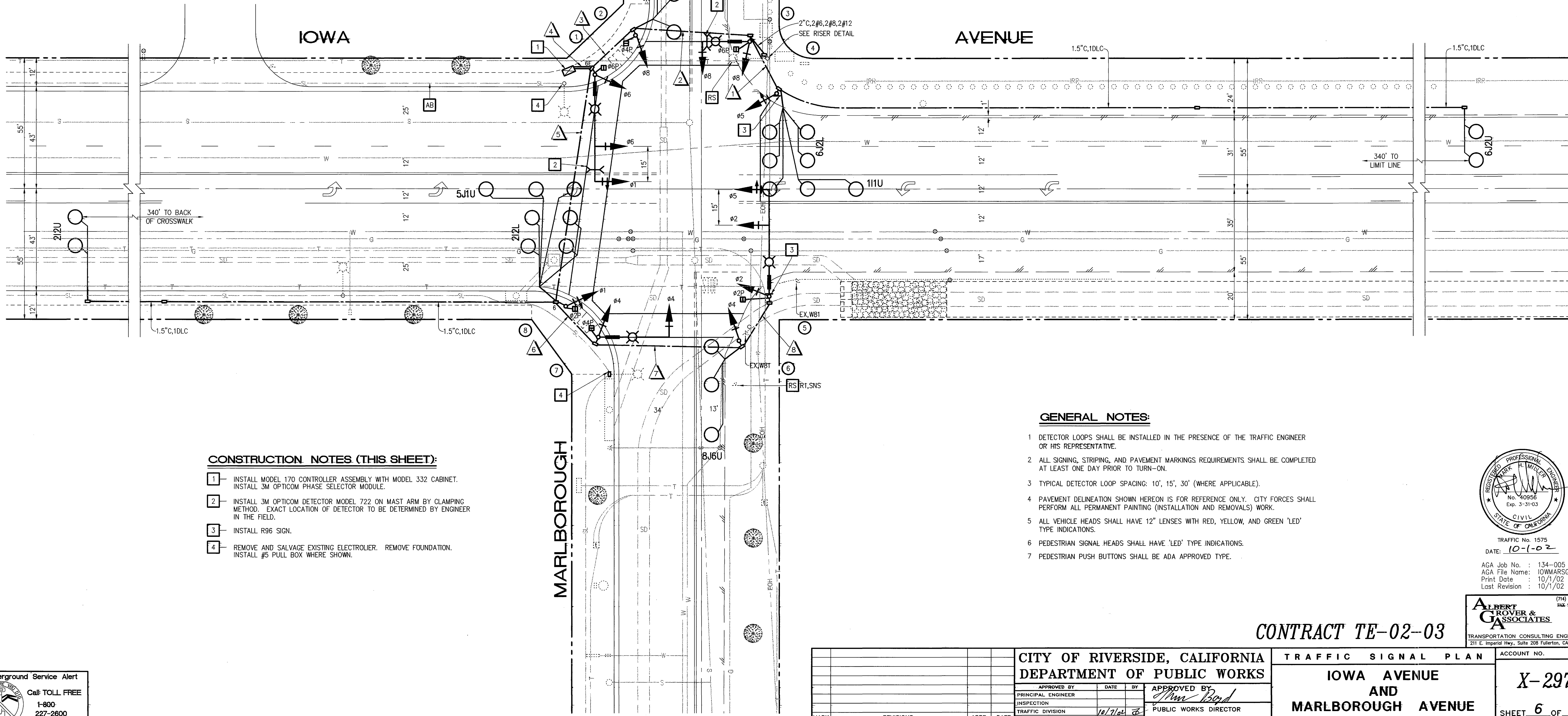
SCALE: 1"=20'

PP# 18307J



RISER DETAIL

INSTALL 120V SIGNAL, 120V SIGN AND 240V STREET LIGHT SERVICE PER STANDARD DWG. NO. 612



CONSTRUCTION NOTES (THIS SHEET):

- 1 - INSTALL MODEL 170 CONTROLLER ASSEMBLY WITH MODEL 332 CABINET. INSTALL 3M OPTICOM PHASE SELECTOR MODULE.
- 2 - INSTALL 3M OPTICOM DETECTOR MODEL 722 ON MAST ARM BY CLAMPING METHOD. EXACT LOCATION OF DETECTOR TO BE DETERMINED BY ENGINEER IN THE FIELD.
- 3 - INSTALL R96 SIGN.
- 4 - REMOVE AND SALVAGE EXISTING ELECTROLIER. REMOVE FOUNDATION. INSTALL #5 PULL BOX WHERE SHOWN.

GENERAL NOTES:

- 1 - DETECTOR LOOPS SHALL BE 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 - PAVEMENT DELINEATION SHOWN HEREON IS FOR REFERENCE ONLY. CITY FORCES SHALL PERFORM ALL PERMANENT PAINTING (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.



TRAFFIC No. 1575
 DATE: 10-1-02
 AGA Job No. : 134-005
 AGA File Name: IOWMARS
 Print Date : 10/1/02
 Last Revision : 10/1/02

ALBERT GROVER & ASSOCIATES
 TRANSPORTATION CONSULTING ENGINEERS
 211 E. Imperial Hwy., Suite 208 Fullerton, CA 92835
 (714) 992-2990
 FAX: 992-2983

CONTRACT TE-02-03



CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS		TRAFFIC SIGNAL PLAN		ACCOUNT NO.
APPROVED BY: <i>[Signature]</i> PRINCIPAL ENGINEER		APPROVED BY: <i>[Signature]</i> PUBLIC WORKS DIRECTOR		X-297
INSPECTION: 10/1/02		DATE: 10/1/02		
MARK REVISIONS		APPR. DATE		SHEET 6 OF 9
DESIGNED BY: <i>[Signature]</i>		DRAWN BY: <i>[Signature]</i>		
PUBLIC UTILITIES		HORIZ. SCALE: 1"= 20' VERT. SCALE: 1"= -		