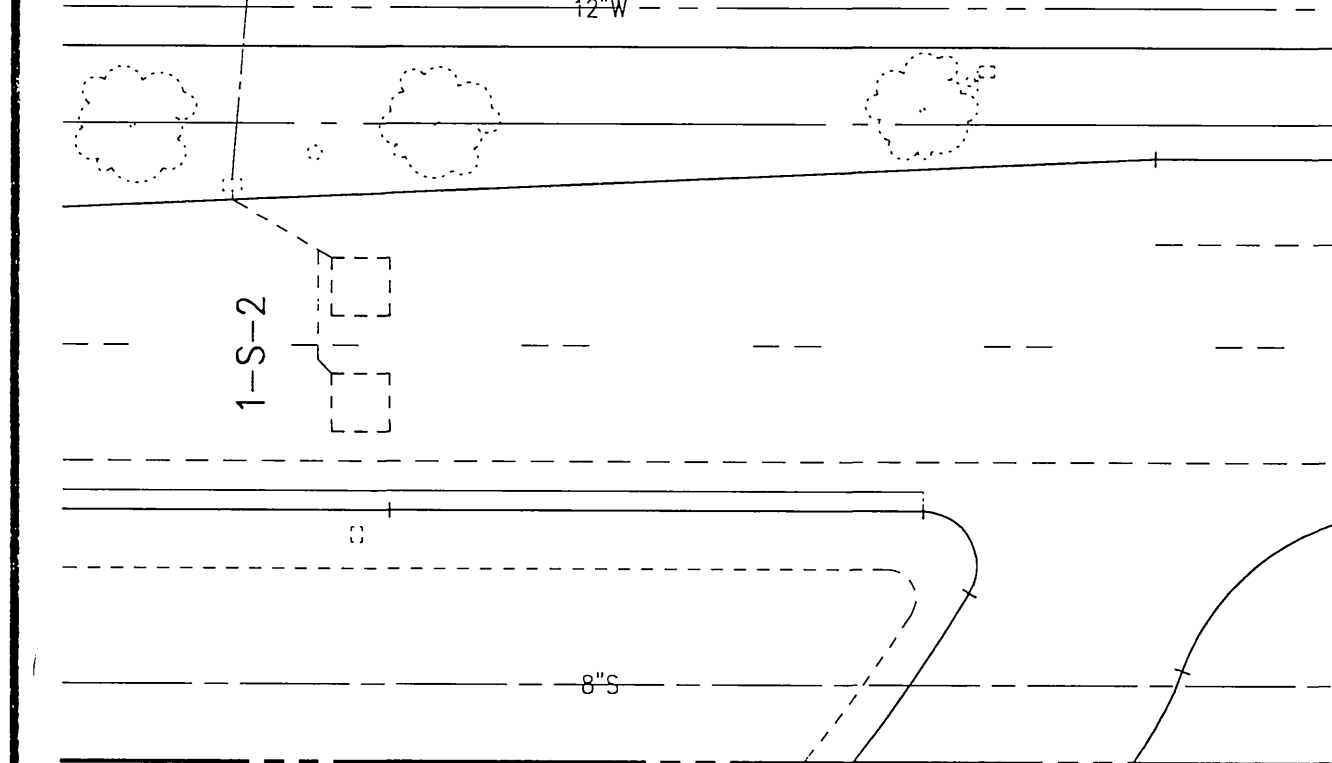


CONDUCTOR		TABLE							
AWG	CIRCUIT	RUNS							
		1	2	3	4	5	6	7	8
#14	#1	3	3	3	3	6	3	3	3
	#2	3	3	3	3	3	3	3	3
	#3	3	3	3	3	3	3	3	3
	#4	3	3	3	3	3	3	3	3
	#5	3	3	3	3	3	3	3	3
	#6	3	3	3	3	3	3	3	3
	#7	3	3	3	3	3	3	3	3
	#8	3	3	3	3	3	3	3	3
	#2 PED	2	2	2	2	2	2	2	2
	#4 PED	2	2	2	2	2	2	2	2
	#6 PED	2	2	2	2	2	2	2	2
	#8 PED	2	2	2	2	2	2	2	2
	#2 PPB	1	1	1	1	1	1	1	1
	#4 PPB	1	1	1	1	1	1	1	1
	#6 PPB	1	1	1	1	1	1	1	1
	#8 PPB	1	1	1	1	1	1	1	1
	PPB COMMON	1	1	1	1	1	1	1	1
	SPARES (USE FOR I.S.N.S.)	3	3	3	3	6	3	3	3
	TOTAL	10	19	28	5	48	19	10	5

DETECTOR		TABLE							
AWG	CIRCUIT	RUNS							
		1	2	3	4	5	6	7	8
DLC	#1 DETECTOR	1	1	1	1	1	1	1	1
	#2 DETECTOR	2	2	2	2	2	2	2	2
	#3 DETECTOR	1	1	1	1	1	1	1	1
	#4 DETECTOR	2	2	2	2	2	2	2	2
	#5 DETECTOR	1	1	1	1	1	1	1	1
	#6 DETECTOR	2	2	2	2	2	2	2	2
	#7 DETECTOR	1	1	1	1	1	1	1	1
	#8 DETECTOR	2	2	2	2	2	2	2	2
	TOTAL	3	12	6	3	2			

#10	SIGNAL COMMON	1	1	1	2	1	1	
#12								
#6	LUMINAIRE SIGNAL SERVICE	2	2	2	2	2	2	
	TOTAL	2	4	2	2			

CONDUIT SIZE		(E)	(E)	(E)	(E)	(E)	(E)	(E)
E = EXISTING.								



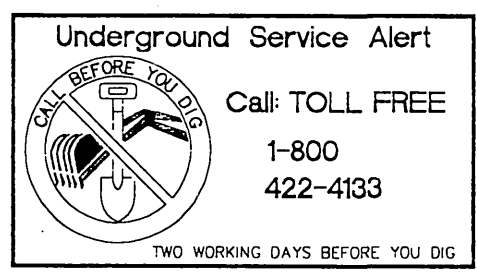
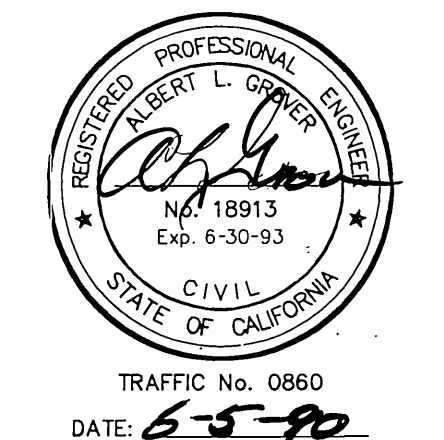
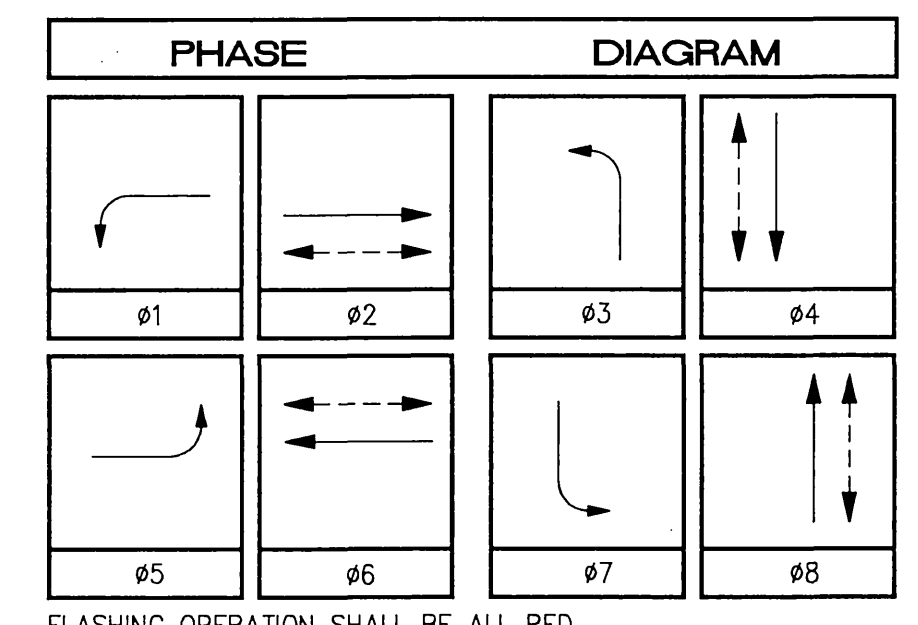
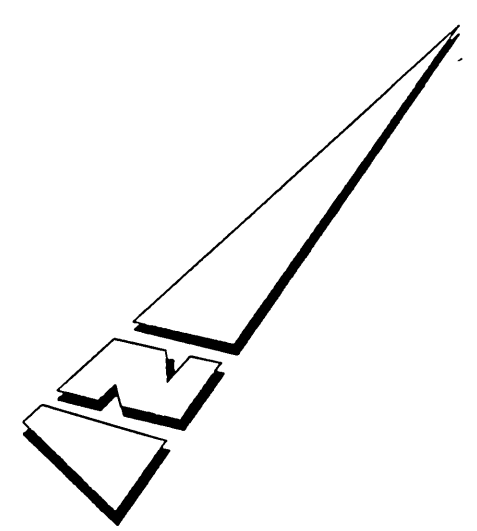
DETECTOR ASSIGNMENT			
CHANNELS	LOOP DESIGNATION	NUMBER OF LOOPS	FEATURES
1	1-N-1	3	
1,2	1-N-6	2	●●
2	2-N-6	4	
1	1-S-5	3	
1,2	1-S-2	2	●●
2	2-S-2	4	
1	1-E-3	3	
1,2	1-E-8	2	●●
2	2-E-8	4	
1	1-W-7	3	
1,2	1-W-4	2	●●
2	2-W-4	4	

■ = CALL-HOLD (EXTENSION).  
 ● = FOR SAMPLING (FUTURE).  
 ▲ = REFERENCE ONLY

POLE		SCHEDULE												
No.	TYPE	STANDARD			LUMINAIRE HPS	I.S.N.S. LEGEND	SIGNAL MOUNTING				PPB PHASE	PLACEMENT		REMARKS
		HGT.	SIG. M.A.	LUM. M.A.			VEHICLE	PED	A	B				
A	26A-4-70	35'	40'	15'	400W	(N)MADISON AVE 3800	MAS	MAS	SV-1-T	SP-1-T	#4	-	-	
B	1-A	10'	-	-	-	-	-	-	(N)TV-1-T	SP-1-T	#6	-	-	
C	(N)19-4-80	30'	(N)30'	(N)12'	250W(R)	(N)MAGNOLIA AVE 7400	(N)MAS	(N)MAS	(N)SV-1-T	(N)SP-1-T	#6	*	*	□
D	1-A	10'	-	-	-	-	-	-	TV-1-T	SP-1-T	#8	-	-	
E	PPB POST	3'10"	-	-	-	-	-	-	-	-	#8	-	-	
F	26A-4-70	35'	40'	15'	400W	(N)MADISON AVE 3700	MAS	MAS	SV-1-T	SP-1-T	#8	-	-	
G	1-A	10'	-	-	-	-	-	-	(N)TV-1-T	SP-2-T	#2	-	-	
H	(N)24-4-80	30'	(N)35'	(N)12'	250W(R)	(N)MAGNOLIA AVE 7500	(N)MAS	(N)MAS	(N)SV-1-T	(N)SP-1-T	#2	*	*	□
I	1-A	10'	-	-	-	-	-	-	TV-1-T	SP-1-T	#4	-	-	
J	PPB POST	3'10"	-	-	-	-	-	-	-	-	#4	-	-	

I.S.N.S. = INTERNALLY ILLUMINATED STREET NAME SIGN  
 N = NEW  
 R = RELOCATE  
 \* = TO BE DETERMINED BY ENGINEER IN FIELD.  
 □ = REMOVE AND SALVAGE TO CITY EXISTING MARBELITE STANDARD, MAST ARMS AND SIGNAL GEAR. REUSE EXISTING LUMINAIRE.

- CONSTRUCTION NOTES (THIS SHEET):**
- INTERNALLY ILLUMINATED STREET NAME SIGN SHALL BE TYPE A.
  - ALL VEHICLE HEADS TO BE 12".
  - REPLACE EXISTING SIGNAL HEAD WITH NEW 12" 3-SECTION LEFT ARROW SIGNAL HEAD.



CONTRACT TE-90-5  
 CITY OF RIVERSIDE, CALIFORNIA  
 DEPARTMENT OF PUBLIC WORKS  
 TRAFFIC SIGNAL MODIFICATION  
 MAGNOLIA AVENUE AT  
 MADISON AVENUE  
 SCALE: 1" = 20'  
 ACCT. NO. 30-576-386-15  
 X-270  
 SHEET 4 OF 6

APPROVED BY: [Signature] DATE: 7/22/90  
 APPROVED BY: [Signature] DATE: 7/22/90  
 DESIGNED BY: R.B. DRAWN BY: R.B. CHECKED BY: E.D.L.

MGA Job No.: 194-009  
 MGA File Name: MADMAGSG.Dwg  
 Print Date: 5/30/90

Mobile, Grover & Associates  
 901 E. Imperial Highway Suite A  
 La Habra, California 90631  
 (714) 738-3471 Fax: (714) 738-7802