

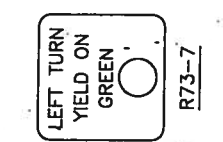
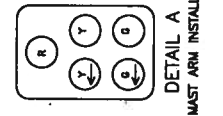
CONSTRUCTION NOTES

1. INSTALL 12" TYPE I CABINET WITH NEW ASC-12-1000 CONTROLLER
BEFORE EXISTING SIDEWALK. WIRE CONTROLLER FOR 3 PHASE WITH
ONE LAP AS SHOWN. EXISTING CONTROLLER AND CABINET TO BE SALVAGED
TO CITY YARD
2. INSTALL 20 NEW 6" x 6" LAMP. 4 TURNS PER LOOP. ALL LAMPS SHALL BE SEPARATED BY LINES
TO CITY YARD
3. INSTALL 2 NEW 6" x 6" TYPE C QUADRAPOLE LAMP
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14. INSTALL 2 NEW 6" x 6" TYPE C QUADRAPOLE LAMP
15. INSTALL 2 NEW 6" x 6" TYPE C QUADRAPOLE LAMP
16. STREET LIGHTS TO BE REMOVED AND DELIVERED TO THE CITY YARD AT
18002 NEWHOPE ST. GARDEN GROVE
17. INSTALL TYPE III LEFT TURN ARROWS
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100. INSTALL TYPE III LEFT TURN ARROWS



CONDUCTOR SCHEDULE		RUN/FLYING		CONDUIT SIZE	
AWG	CIRCUIT	Δ	Δ	Δ	Δ
14	Q1	6	6	6	6
	Q2	6	6	6	6
	Q3	6	6	6	6
	Q4	6	6	6	6
	Q5	6	6	6	6
	Q6	6	6	6	6
	Q7	6	6	6	6
	Q8	6	6	6	6
	Q9	6	6	6	6
	Q10	6	6	6	6
	Q11	6	6	6	6
	Q12	6	6	6	6
	Q13	6	6	6	6
	Q14	6	6	6	6
	Q15	6	6	6	6
	Q16	6	6	6	6
	Q17	6	6	6	6
	Q18	6	6	6	6
	Q19	6	6	6	6
	Q20	6	6	6	6
	Q21	6	6	6	6
	Q22	6	6	6	6
	Q23	6	6	6	6
	Q24	6	6	6	6
	Q25	6	6	6	6
	Q26	6	6	6	6
	Q27	6	6	6	6
	Q28	6	6	6	6
	Q29	6	6	6	6
	Q30	6	6	6	6
	Q31	6	6	6	6
	Q32	6	6	6	6
	Q33	6	6	6	6
	Q34	6	6	6	6
	Q35	6	6	6	6
	Q36	6	6	6	6
	Q37	6	6	6	6
	Q38	6	6	6	6
	Q39	6	6	6	6
	Q40	6	6	6	6
	Q41	6	6	6	6
	Q42	6	6	6	6
	Q43	6	6	6	6
	Q44	6	6	6	6
	Q45	6	6	6	6
	Q46	6	6	6	6
	Q47	6	6	6	6
	Q48	6	6	6	6
	Q49	6	6	6	6
	Q50	6	6	6	6
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	Q67	6	6	6	6
	Q68	6	6	6	6
	Q69	6	6	6	6
	Q70	6	6	6	6
	Q71	6	6	6	6
	Q72	6	6	6	6
	Q73	6	6	6	6
	Q74	6	6	6	6
	Q75	6	6	6	6
	Q76	6	6	6	6
	Q77	6	6	6	6
	Q78	6	6	6	6
	Q79	6	6	6	6
	Q80	6	6	6	6
	Q81	6	6	6	6
	Q82	6	6	6	6
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	Q85	6	6	6	6
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	Q87	6	6	6	6
	Q88	6	6	6	6
	Q89	6	6	6	6
	Q90	6	6	6	6
	Q91	6	6	6	6
	Q92	6	6	6	6
	Q93	6	6	6	6
	Q94	6	6	6	6
	Q95	6	6	6	6
	Q96	6	6	6	6
	Q97	6	6	6	6
	Q98	6	6	6	6
	Q99	6	6	6	6
	Q100	6	6	6	6

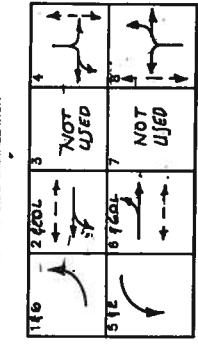
INSTALL ALL NEW CONDUCTORS



DETAIL A
FOR MAST ARM INSTALLATION

DETAIL B
FOR FAR SIDE INSTALLATION

NO LEFT
TURN
INTO
DENEWAY
R19 L
36 x 36



PHASE DIAGRAM

POLE SCHEDULE		SIGNAL MOUNTING		ILLUMINATED SIGN MESSAGE (4-11-10)	
NO.	TYPE	HEIGHT	M.A.	VEH.	PHASE
1	18-2-86	25'	30'	1 M.A.3	—
2	26-4-80	30'	45'	200HP 3V-1-T	3A-1-T
3	26-4-80	30'	45'	200HP 3V-1-T	3P-2-T
4	26-4-80	30'	45'	200HP 3V-1-T	3P-1-T
5	18-2-86	25'	30'	1 M.A.3	—
6	26-4-80	30'	45'	200HP 3V-1-T	3A-1-T
7	26-4-80	30'	45'	200HP 3V-1-T	3P-2-T
8	26-4-80	30'	45'	200HP 3V-1-T	3P-1-T



1. ALL WORK SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION, AND THE SPECIAL PROVISIONS FOR THIS PROJECT.
2. UTILITIES SHOWN ON THESE PLANS ARE CORRECT AND ACCURATE TO THE BEST OF THE ENGINEER'S KNOWLEDGE. THE CONTRACTOR SHALL VERIFY THE LOCATION OF UNDERGROUND UTILITIES PRIOR TO ANY CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO UTILITIES CAUSED BY HIS OPERATIONS.
3. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES PRIOR TO THE START OF CONSTRUCTION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN ALL NECESSARY PERMITS AND APPROVALS.
4. ALL PULLBOXES SHALL BE 3" RIBBED METAL UNLESS OTHERWISE NOTED.
5. ALL CONDUIT SHALL BE 3" RIBBED METAL UNLESS OTHERWISE NOTED.
6. FLASHING INDICATORS SHALL BE TYPE "C" WITH INTERMITTENT FLASHING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF THE FLASHING INDICATORS.
7. THE CONTRACTOR SHALL CONTACT THE CITY TRAFFIC ENGINEER AT (714) 741-3100 A MINIMUM OF 48 HOURS BEFORE COMMENCING WORK.

DESIGNED BY: <u>GLA</u>	CHECKED BY: <u>GLA</u>	TRAFFIC ENGINEER: <u>GLA</u>	DATE: <u>10/10/98</u>
PLANS PREPARED UNDER SUPERVISION OF: <u>GLA</u>	DATE: <u>10/10/98</u>	WATER SERV. MGR. <u>GLA</u>	R/W AGENT <u>GLA</u>
REFERENCE PLANS FOR THESE IMPROVEMENTS	DATE BY: <u>GLA</u>	DESCRIPTION: <u>REPLACES DRAWINGS NO. T-474.1 & T-474.2</u>	APPROVED: <u>GLA</u>
BENCH MARK		TRAFFIC SIGNAL PLAN	
		PROJECT 109	
		DRAWING NUMBER	
		1827	
		SHEET 2 OF 2	