

GENERAL NOTES:

- A. THIS PLAN IS BEING GENERATED TO DOCUMENT AS-BUILT CONDITIONS, AND TO REVIEW THE IN PLACE TRAFFIC SIGNAL INSTALLATION TO VERIFY COMPLIANCE WITH CURRENT APPLICABLE REGULATIONS. UNDERGROUND UTILITY CONSTRUCTION IS NOT A PART OF THE ENGINEER'S REVIEW, BUT IS SHOWN FOR INFORMATIONAL PURPOSES ONLY PER PREVIOUS AS-BUILT PLANS.
- B. TRAFFIC SIGNAL AND HIGHWAY LIGHTING CONSTRUCTION SHOWN HEREON CONFORMED TO THE VERSION OF THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD PLANS AND SPECIFICATIONS AND THE CALIFORNIA MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES THAT WAS CURRENT AT THE TIME THE TRAFFIC SIGNAL WAS INSTALLED.
- C. TRAFFIC SIGNAL PHASING AND SIGNAL TIMING IN PLACE AT THE INTERSECTION SHALL BE AS DIRECTED BY THE CITY ENGINEER OR HIS DESIGNATED REPRESENTATIVE.

SIGNS ON THIS SHEET



EQUIPMENT SCHEDULE

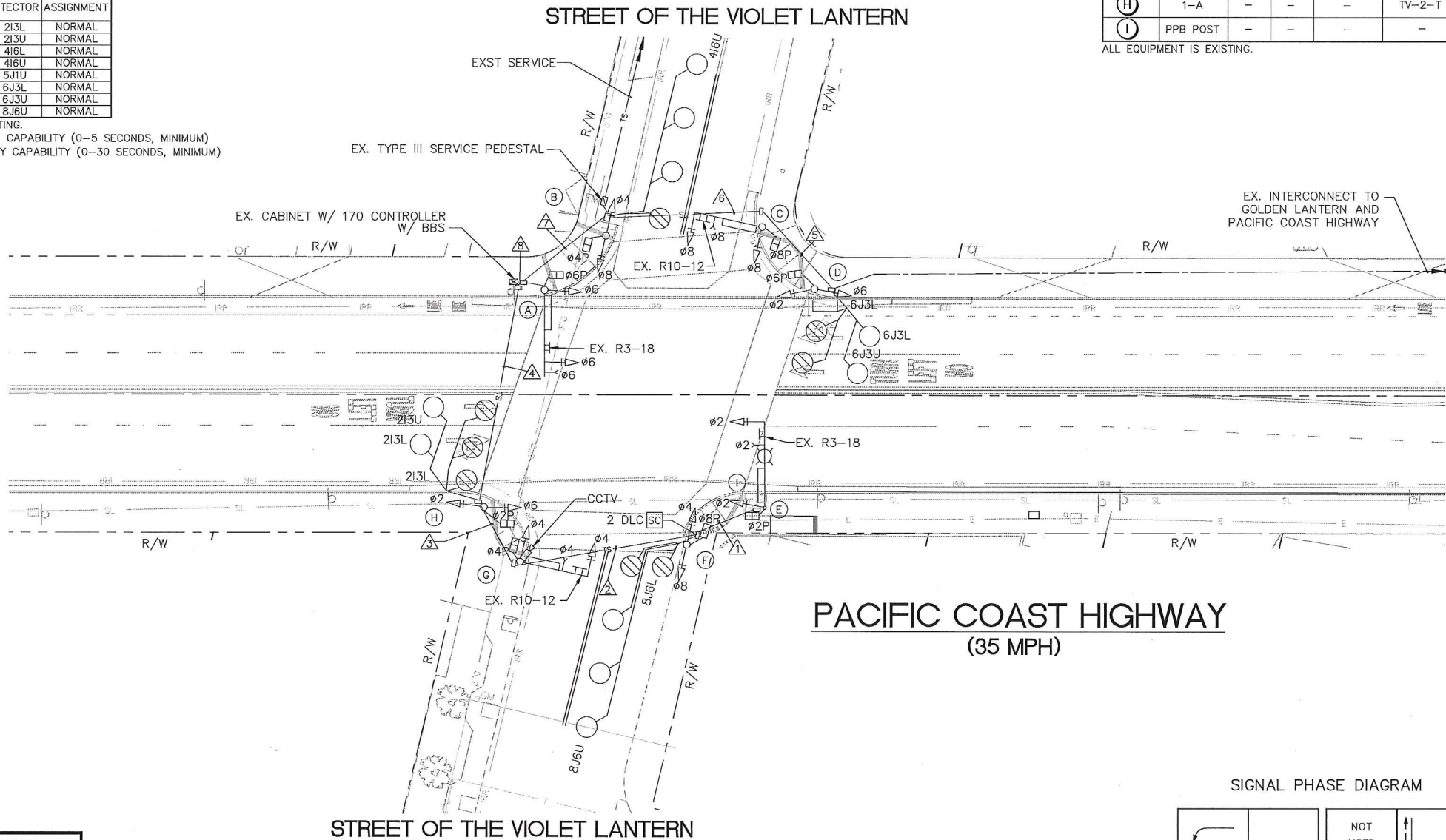
POLE LOCATION	SIGNAL STANDARD		HPS LUMINAIRE SIZE/TYPE	MOUNTINGS			PEDESTRIAN PUSH BUTTON			POLE LOCATION		I.I.S.N.S.	
	TYPE	MAST		ARM	VEHICLE		PEDESTRIAN	PHASE	TYPE	QUAD	A		B
		SIG.		LUM.	POLE	MAST ARM							
(A)	24-3-70	25'	12'	200W	SV-1-T	MAS	* SP-1-T	Ø4	APS	E	EXISTING	EXISTING	Violet Lantern
(B)	1-A	-	-	-	TV-2-T	-	* SP-1-T	Ø6	APS	S	EXISTING	EXISTING	-
(C)	17-3-70	20'	12'	200W	SV-1-T	MAS	* SP-1-T	Ø6	APS	S	EXISTING	EXISTING	Pacific Coast Hwy
(D)	1-A	-	-	-	TV-2-T	-	* SP-1-T	Ø8	APS	W	EXISTING	EXISTING	-
(E)	19-2-100	25'	12'	200W	SV-1-T	MAS	* SP-1-T	-	-	-	EXISTING	EXISTING	Violet Lantern
(F)	1-A	-	-	-	TV-2-T	-	* SP-1-T	Ø2	APS	N	EXISTING	EXISTING	-
(G)	17-3-70	20'	12'	200W	SV-1-T	MAS	* SP-1-T	Ø2	APS	N	EXISTING	EXISTING	Pacific Coast Hwy
(H)	1-A	-	-	-	TV-2-T	-	* SP-1-T	Ø4	APS	E	EXISTING	EXISTING	-
(I)	PPB POST	-	-	-	-	-	-	Ø8	APS	W	EXISTING	EXISTING	-

ALL EQUIPMENT IS EXISTING.

* = PEDESTRIAN INDICATION HEADS SHALL BE DIALITE COUNTDOWN HEADS, MUTCD COMPLIANT.
APS = ASSESSABLE PEDESTRIAN PUSH BUTTON, MUTCD AND ITE COMPLIANT.

SENSOR TABLE			
SENSOR UNIT	CHANNEL	DETECTOR	ASSIGNMENT
1	1	2I3L	NORMAL
	2	2I3U	NORMAL
2	1	4I6L	NORMAL
	2	4I6U	NORMAL
3	1	5J1U	NORMAL
	2	6J3U	NORMAL
4	1	6J3U	NORMAL
	2	8J6U	NORMAL

- ALL EQUIPMENT EXISTING.
▲ INTEGRAL CALL HOLD CAPABILITY (0-5 SECONDS, MINIMUM)
♦ INTEGRAL CALL DELAY CAPABILITY (0-30 SECONDS, MINIMUM)

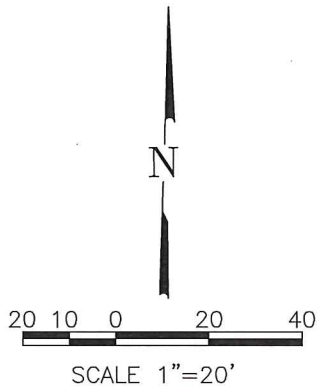
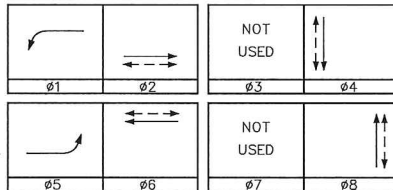


CONDUCTOR SCHEDULE

AWG SIZE OR CABLE TYPE	POLE	PHASE	CONDUIT SIZE AND RUN											
			1	2	3	4	5	6	7	8	9	10	11	12
NO. 14 CABLES	(A)	Ø6, Ø6P	-	-	-	-	-	-	-	-	-	-	-	-
	(B)	Ø4, Ø8, Ø4P	-	-	-	-	-	-	-	-	-	-	-	-
	(C)	Ø8, Ø8P	-	-	-	-	-	-	-	-	-	-	-	-
	(D)	Ø2, Ø6, Ø6P	-	-	-	-	-	-	-	-	-	-	-	-
	(E)	Ø2, Ø2P	-	-	-	-	-	-	-	-	-	-	-	-
	(F)	Ø4, Ø8, Ø8P	-	-	-	-	-	-	-	-	-	-	-	-
	(G)	Ø4, Ø4P	-	-	-	-	-	-	-	-	-	-	-	-
	(H)	Ø2, Ø6, Ø2P	-	-	-	-	-	-	-	-	-	-	-	-
	(I)	Ø2, Ø6, Ø2P	-	-	-	-	-	-	-	-	-	-	-	-
		Ø8PPB	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL CABLES - 12 CON / 3 CON			1	2	3	4	4	1	2	3	3	8	8	8
#10	IISNS		2	2	2	2	-	2	2	-	-	-	-	-
	LUMINAIRES		2	2	2	2	-	2	2	-	-	-	-	-
#8	GROUND		1	1	1	1	1	1	1	1	1	1	1	1
			-	-	-	-	-	-	-	-	-	-	-	-
TYPE "B" DLC	Ø1		-	-	-	-	-	-	-	-	-	-	-	-
	Ø2		-	-	-	-	-	-	-	-	-	-	-	-
	Ø4		-	-	-	-	-	-	-	-	-	-	-	-
	Ø6		-	-	-	-	-	-	-	-	-	-	-	-
	Ø8		-	-	-	-	-	-	-	-	-	-	-	-
TOTAL			1	1	2	2	-	1	1	4	-	-	-	-
CCTV			-	-	-	-	-	-	-	-	-	-	-	-
GTT MODEL 138 EVP			1	1	1	1	1	-	-	-	-	-	-	-
12PR #19 SIC			-	-	-	-	-	-	-	-	-	-	-	-
CONDUIT SIZES (INCHES)			3"	3"	3"	3"	2"	3"	3"	2-3"	-	-	-	-

ALL CONDUCTORS AND CONDUITS ARE EXISTING.
PPB = PED PUSH BUTTON

SIGNAL PHASE DIAGRAM



RECORD DRAWING
THIS SET OF RECORD DRAWINGS HAS BEEN PREPARED BASED ON VERIFICATION OF ACTUAL FIELD CONDITIONS. THE ENGINEER CERTIFIES THAT ON STREET CONDITIONS ARE ACCEPTABLE PER APPLICABLE TRAFFIC DESIGN GUIDELINES (I.E. CALIFORNIA MUTCD/CALTRANS STANDARD PLANS, ETC.) AND ARE ACCEPTABLE IN MY PROFESSIONAL OPINION AS A REGISTERED TRAFFIC ENGINEER IN THE STATE OF CALIFORNIA.
[Signature] 6/19/17
Name: *[Signature]* Date: 6/19/17
CALIFORNIA REGISTRATION TR

PLAN PREPARED BY: LINSCOTT, LAW & GREENSPAN, ENGINEERS TRANSPORTATION PLANNING - TRAFFIC ENGINEERING - PARKING 600 South Lake Avenue, Suite 500, Pasadena, CA 91106 (626) 796-2322 2 Executive Circle, Suite 250, Irvine, CA 92614 (949) 825-6175 4542 Ruffner Street, Suite 100, San Diego, CA 92111 (619) 300-8800	PLANS REVIEWED BY: CITY OF DANA POINT, PUBLIC WORKS & ENGINEERING SERVICES 33282 GOLDEN LANTERN DANA POINT, CA 92629 <i>[Signature]</i> 6/26/17 MATTHEW V. SINACORI, CITY ENGINEER RCE #59239 EXP. 06/30/17 DATE: 6/26/17 THIS PLAN IS SIGNED BY THE CITY ENGINEER FOR SCOPE AND ADHERENCE TO CITY STANDARDS AND REQUIREMENTS, CITY CODES, AND OTHER GENERAL ENGINEERING AND REGULATORY REQUIREMENTS ONLY. THE CITY ENGINEER IS NOT RESPONSIBLE FOR DESIGN, ASSUMPTIONS, OR ACCURACY.	TRAFFIC SIGNAL PLAN VIOLET LANTERN AT PACIFIC COAST HIGHWAY THE CITY OF DANA POINT Public Works Department	PROJECT NO. 2-16-3741 SHEET 1 OF 1
NO. DATE REVISIONS APP. DATE			