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

R10-12 R26(CA) R81(CA)

SENSOR TABLE ■

SENSOR UNIT	CHANNEL	DETECTOR	ASSIGNMENT
1	1	111U	NORMAL
	2	213L	NORMAL
2	1	213U	NORMAL
	2	416U	NORMAL
3	1	5J1U	NORMAL
	2	6J3L	NORMAL
4	1	6J3U	NORMAL
	2	8J6U	NORMAL

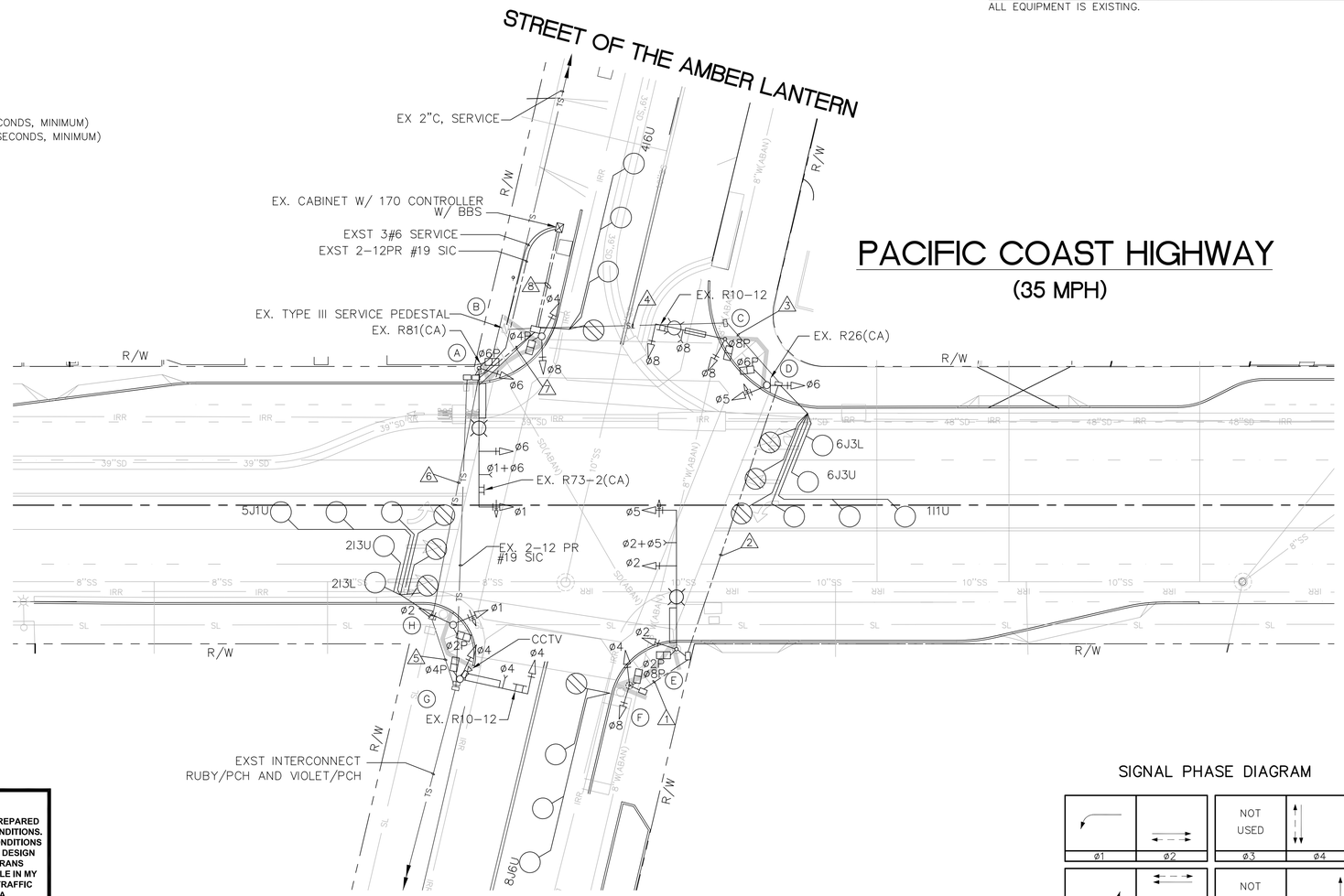
■ ALL EQUIPMENT EXISTING.
▲ INTEGRAL CALL HOLD CAPABILITY (0-5 SECONDS, MINIMUM)
♦ INTEGRAL CALL DELAY CAPABILITY (0-30 SECONDS, MINIMUM)

EQUIPMENT SCHEDULE

POLE LOCATION	SIGNAL STANDARD TYPE	MAST ARM SIG.	MAST ARM LUM.	HPS LUMINAIRE SIZE/TYPE	MOUNTINGS VEHICLE POLE	MOUNTINGS VEHICLE MAST ARM	MOUNTINGS PEDESTRIAN	PEDESTRIAN PUSH BUTTON PHASE	PEDESTRIAN PUSH BUTTON TYPE	PEDESTRIAN PUSH BUTTON QUAD	POLE LOCATION A	POLE LOCATION B	I.I.S.N.S.
(A)	26A-4-100	45'	15'	310W	SV-1-T	2-MAS F=15'	*SP-1-T	4	APS	W	EXISTING	EXISTING	Amber Lantern
(B)	1-A	–	–	–	TV-2-T	–	*SP-1-T	6	APS	S	EXISTING	EXISTING	–
(C)	17-3-70	20'	12'	200W	SV-1-T	MAS	*SP-1-T	6	APS	S	EXISTING	EXISTING	Pacific Coast Hwy
(D)	1-A	–	–	–	TV-2-T	–	*SP-1-T	8	APS	W	EXISTING	EXISTING	–
(E)	26A-4-100	40'	15'	310W	SV-1-T	2-MAS F=X',X'	*SP-1-T	8	APS	W	EXISTING	EXISTING	Amber Lantern
(F)	1-A	–	–	–	TV-2-T	–	*SP-1-T	2	APS	N	EXISTING	EXISTING	–
(G)	17-3-70	20'	12'	200W	SV-1-T	MAS	*SP-1-T	2	APS	N	EXISTING	EXISTING	Pacific Coast Hwy
(H)	1-A	–	–	–	TV-2-T	–	*SP-1-T	4	APS	E	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.

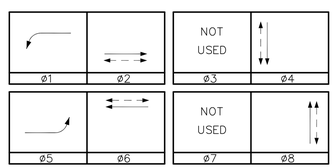


CONDUCTOR SCHEDULE

AWG SIZE OR CABLE TYPE	POLE	PHASE		CONDUIT SIZE AND RUN 1	2	3	4	5	6	7	8
NO.14 CABLES 12 CONDUCTOR 3	(A)	ø1,ø6,ø6P	/ø4PPB	–	–	–	–	–	–	1	1
	(B)	ø4,ø8,ø4P	/ø6PPB	–	–	–	–	–	–	1	1
	(C)	ø8,ø8P	/ø6PPB	–	–	–	1	–	–	–	1
	(D)	ø5,ø6,ø6P	/ø8PPB	–	–	1	1	–	–	–	1
	(E)	ø2,ø5,ø2P	/ø8PPB	–	1	1	1	–	–	–	1
	(F)	ø4,ø8,ø8P	/ø2PPB	1	1	1	1	–	–	–	1
	(G)	ø4,ø4P	/ø2PPB	–	–	–	–	1	1	1	1
	(H)	ø1,ø2,ø2P	/ø4PPB	–	–	–	–	1	1	1	1
TOTAL CABLES – 12 CON / 3 CON				1	1	2	2	3	4	4	5
#8	GROUND			1	1	1	1	1	1	1	1
#10	LUMINAIRES			–	2	2	2	2	2	2	–
	IISNS			–	2	2	2	2	2	2	–
TYPE "B" DLC	ø1			–	–	1	1	–	–	–	1
	ø2			–	–	–	–	–	2	2	2
	ø4			–	–	–	–	–	–	1	1
	ø5			–	–	–	–	–	1	1	1
	ø6			–	–	2	2	–	–	–	2
	ø8			1	1	1	1	–	–	–	1
	TOTAL			1	1	4	3	–	3	4	8
CCTV				–	–	–	–	1	1	1	1
GTT MODEL 138 EVP				–	1	1	2	1	1	2	4
12PR #19 SIC				–	–	–	–	1	1	1	2
CONDUIT SIZES (INCHES)				3"	3"	3"	3"	3"	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.

Name — Date 6.17.2019

CALIFORNIA REGISTRATION TR 2006

N

20 10 0 20 40

SCALE 1"=20'

NO.	DATE	REVISIONS	APP.	DATE
1	5/31/19	M.A. SIGN NOT NEEDED	CL	5/31/19

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) 825-8175
4542 Ruffner Street, Suite 100, San Diego, CA 92111 (858) 300-8800

REGISTERED PROFESSIONAL ENGINEER RICHARD E. BARRETTO No. 2006 Exp.6/30/19 TRAFFIC STATE OF CALIFORNIA

PLANS REVIEWED BY:
CITY OF DANA POINT, PUBLIC WORKS & ENGINEERING SERVICES
33282 GOLDEN LANTERN
DANA POINT, CA 92629

6/17/19
DATE

MATTHEW V. SINACORI
DIRECTOR OF PUBLIC WORKS/CITY ENGINEER
RCE #59239 EXP. 06/30/19

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.

DANA POINT • CALIFORNIA 1989

TRAFFIC SIGNAL PLAN

AMBER LANTERN AT PACIFIC COAST HIGHWAY

THE CITY OF DANA POINT
Public Works Department

PROJECT NO. 2-16-3741

SHEET 1 OF 1

e:\3200\2113225-1 - city of dana point on-call services 2011 fye 2012, dana point\2017 traffic signal record drawings\pch at amber lantern\ts pch at amber lantern record drawing 2017.dwg LDP 19:32:58 06-13-2017 preap