GENERAL NOTES:

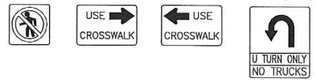
A. THIS PLAN IS BEING GENERATED TO DOCUMENT AS-BUILT CONDITIONS, AND TO REVIEW THE IN PLACE TRAFFIC SIGNAL INSTALLATION TO VERIFY COMPLIANCE WITH CURRENT APPLICABLE REGULATIONS. UNDERGROUND UTILITY CONSTRUCTION IS NOT A PART OF THE ENGINEER'S REVIEW, BUT IS SHOWN FOR INFORMATIONAL PURPOSES ONLY PER PREVIOUS 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.

EXISTING SIGN ON THIS SHEET

R9-3a | R9-3b(R) | R9-3b(L) | R73-2(MOD)

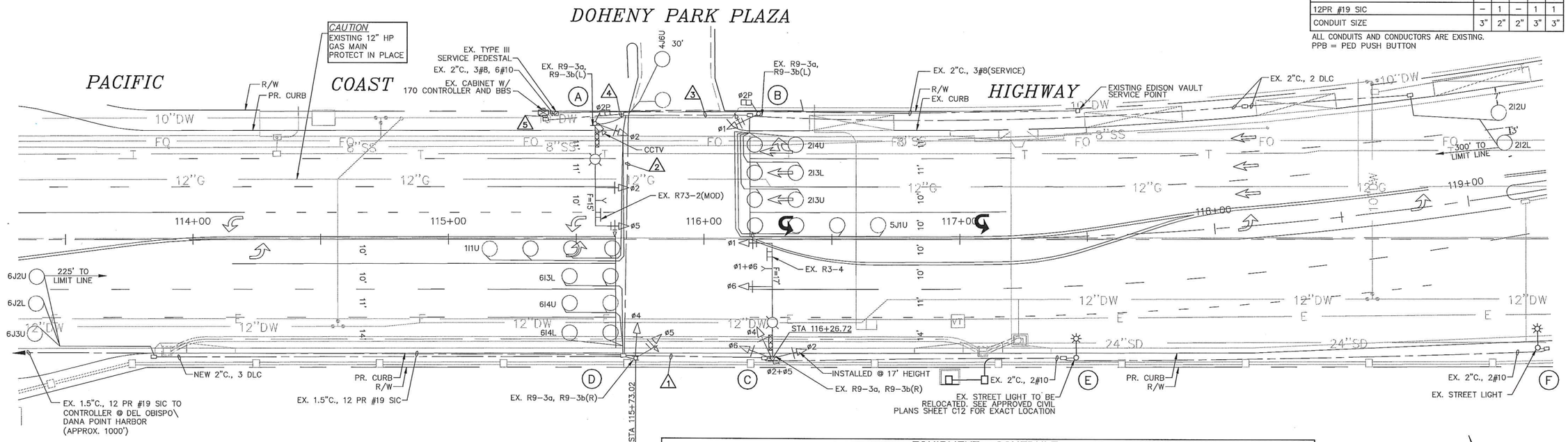


SENSOR TABLE ■			
SENSOR UNIT	CHANNEL	DETECTOR	ASSIGNMENT
1	1	1I1U	NORMAL
	▲ 2	2I2L	EXTENSION
2	▲ 1	2I2U	EXTENSION
	2	2I3U	NORMAL
3	1	2I3L	NORMAL
	2	2I4U	NORMAL
4	1	4J6U	NORMAL
	2	5J1U	NORMAL
5	▲ 1	6J2U	EXTENSION
	▲ 2	6J2L	EXTENSION
6	▲ 1	6J3U	EXTENSION
	2	6J3L	NORMAL
7	1	6J4U	NORMAL
	2	6J4L	NORMAL

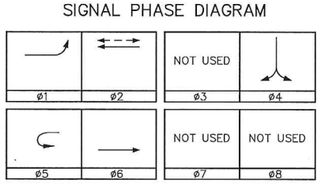
■ ALL EQUIPMENT IS EXISTING
▲ INTEGRAL CALL HOLD CAPABILITY (0-5 SECONDS, MINIMUM)
♦ INTEGRAL CALL DELAY CAPABILITY (0-30 SECONDS, MINIMUM)

CONDUCTOR SCHEDULE						
AWG	CIRCUIT	1	2	3	4	5
#14	ø1	3	3	3	6	6
	ø2	–	–	–	3	3
	ø4	3	3	–	3	3
	ø5	–	3	–	3	3
	ø6	3	3	–	3	3
	ø2P	–	–	2	2	2
	ø2 PPB	–	–	1	1	1
	PPB COMMON	–	–	1	1	1
	SPARES	3	3	3	6	6
	TOTAL	12	15	10	28	28
#10	SIGNAL COMMON	1	1	1	2	2
	IISNS	2	2	–	2	2
	LUMINAIRE	2	2	–	2	2
	TOTAL	5	5	1	6	6
TYPE "B" DLC	ø1 DETECTOR	–	1	–	1	1
	ø2 DETECTOR	–	–	5	5	5
	ø4 DETECTOR	–	–	–	1	1
	ø5 DETECTOR	–	–	1	1	1
	ø6 DETECTOR	–	6	–	6	6
	TOTAL	–	7	6	14	14
OPTICOM		2	2	–	2	2
CCTV		–	–	–	1	1
12PR #19 SIC		–	1	–	1	1
CONDUIT SIZE		3"	2"	2"	3"	3"

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



SIGNAL PHASE DIAGRAM



RECORD DRAWING

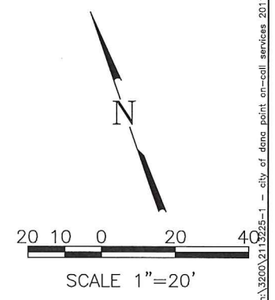
THIS SET OF RECORD DRAWINGS HAS BEEN PREPARED BASED ON VERIFICATION OF ACTUAL FIELD CONDITIONS. THE ENGINEER CERTIFIES THAT ON STREET CONDITIONS ARE ACCEPTABLE PER APPLICABLE TRAFFIC DESIGN GUIDELINES (I.E. CALIFORNIA MUTCD/CALTRANS STANDARD PLANS, ETC.) AND ARE ACCEPTABLE IN MY PROFESSIONAL OPINION AS A REGISTERED TRAFFIC ENGINEER IN THE STATE OF CALIFORNIA.

Name: CALIFORNIA REGISTRATION TR — Date: 6-19-17

EQUIPMENT SCHEDULE													
POLE LOCATION	SIGNAL STANDARD TYPE	MAST ARM SIG.	MAST ARM LUM.	H.P.S. 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)	26-4-100	40'	15'	250W	SV-1-T	2-MAS F=15'	* SP-1-T	ø2	B	N	EXISTING	EXISTING	Doheny Park Plaza
(B)	1-A	–	–	–	TV-1-T	–	* SP-1-T	ø2	A	S	EXISTING	EXISTING	–
(C)	26-4-100	45'	15'	250W	SV-1-T● SV-2-T	2-MAS F=17'	–	–	–	–	AS SHOWN	EXISTING	Doheny Park Plaza
(D)	1-A	–	–	–	TV-2-T	–	–	–	–	–	AS SHOWN	EXISTING	–
(E)	EX. STREET LIGHT	–	15'	310W	–	–	–	–	–	–	SEE PLAN	SEE PLAN	–
(F)	EX. STREET LIGHT	–	15'	310W	–	–	–	–	–	–	EXISTING	EXISTING	–

ALL EQUIPMENT IS EXISTING.
● = MOUNT AT 17 HEIGHT.

* = PEDESTRIAN INDICATION HEADS SHALL BE DIALITE COUNTDOWN HEADS, MUTCD COMPLIANT.
(A) = ANADODE PUSH BUTTON, (B) = BULL DOG PUSH BUTTON.



NO.	DATE	REVISIONS	APP.	DATE

PLAN PREPARED BY:

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2 Executive Circle, Suite 250, Irvine, Ca 92614 (949) 825-6175
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

6/26/17
MATTHEW V. SINACORI, CITY ENGINEER — DATE
RCE #59239 EXP. 06/30/17

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.

DANA POINT · CALIFORNIA · 1989

TRAFFIC SIGNAL PLAN
DOHENY PARK PLAZA AT PACIFIC COAST HIGHWAY

THE CITY OF DANA POINT
Public Works Department

PROJECT NO. 1111

SHEET 1 OF 1

n:\3200\211325-1 - city of dana point on-call services 2011 fye 2012\ dana point\2017 traffic signal record drawings\pch at doheny park plaza\doheny park record drawing 2017.dwg LDP 14:26:56 06-02-2017 preap