Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SF,Ala	80	12.7/14.3, 0.0/2.7	52R1	84

REGISTERED ELECTRICAL ENGINEER 2/12/10 DATE

5-10-2010
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER DAVID H. OTO No. 10699 Exp. 06/30/2011 ELECTRICAL STATE OF CALIFORNIA

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PB AMERICAS, Inc.
303 Second St., Suite 700N
San Francisco, CA 94107-1317

DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
04	Ala	80	1.6/2.7	381 R1	643

05/15/06
REGISTERED ELECTRICAL ENGINEER DATE

1-29-07
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER JENS ERLINGSSON No. 8249 Exp. 9/30/08 ELECTRICAL STATE OF CALIFORNIA

PB POWER, Inc.
A Parsons Brinckerhoff Company
303 Second St., Suite 700N
San Francisco, CA 94107-1317

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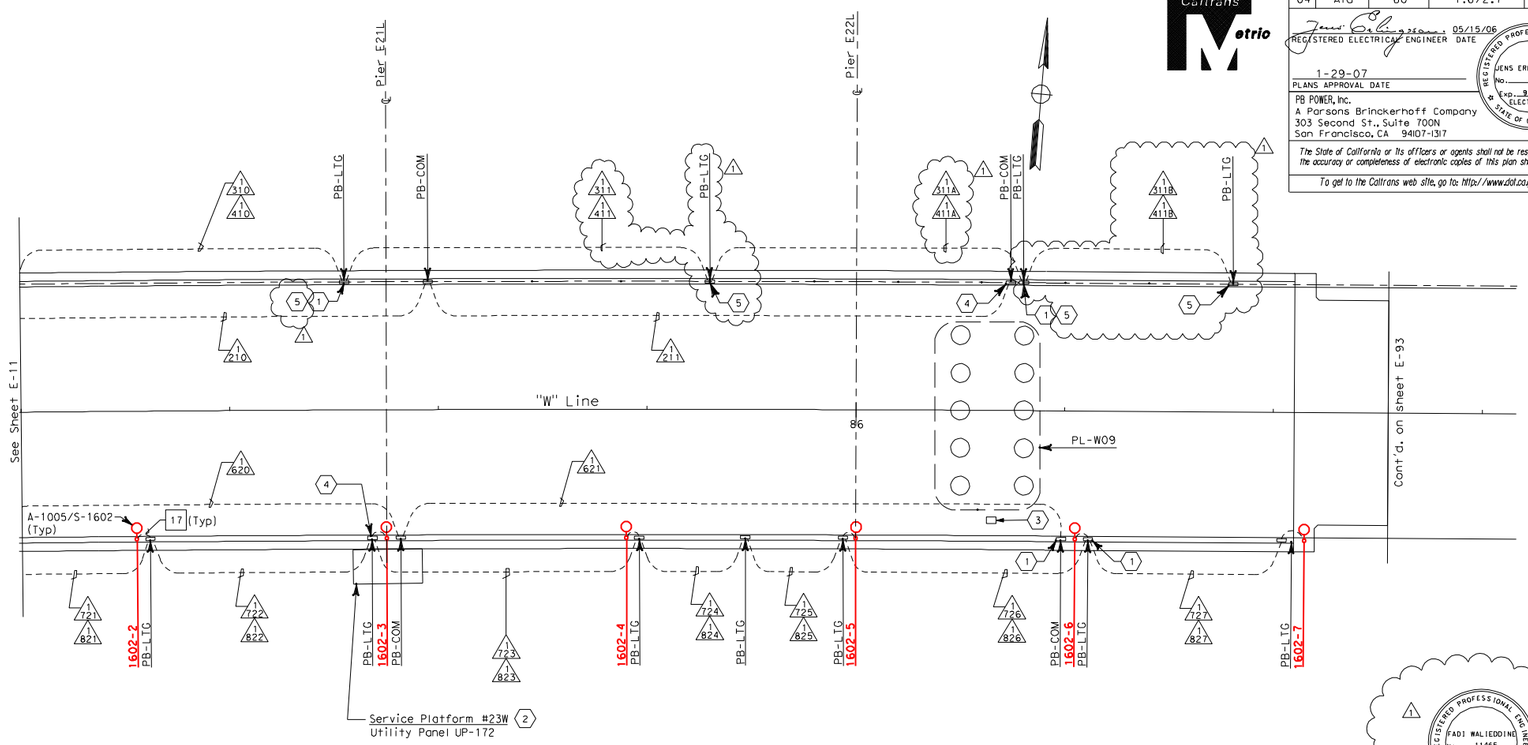
To get to the Caltrans web site, go to: http://www.dot.ca.gov



REGISTERED PROFESSIONAL ENGINEER FADI WALIEDDINE No. 11465 Exp. 12/31/2009 ELECTRICAL STATE OF CALIFORNIA

ROADWAY CONDUIT PLAN

SHEET NOTES:

1. Conduit down into Girder Level. See sheets E-15 and E-28.
2. For Service Platform details, see sheet E-21.
3. Preformed Loops Splicebox PB-4D.
4. Conduit down into Girder Level. See sheet E-15 and E-27.
5. Down, Conduit stub-out for future light pipe, see sheet E-28C.

NOTES:

1. References:
   - For typical details and locations of conduit connections to light poles, barrier outlet boxes, call boxes, CMS and MVDS, see sheets E-37 and E-38.
   - TOS equipment is shown for conduit routing only. For typical details of TOS controller and devices, see sheets starting at E-204.
   - For types of pull boxes, splice boxes and enclosures, see sheet E-44.
   - For call box schedule and wiring diagram, see sheets E-170 to E-172.
   - For light pole location, see sheet E-38.
   - For 480 V roadway lighting wiring diagram, see sheet E-47 and E-48.
   - For conduit and cable tray schedules, see sheets starting at E-224.

MARK	DATE	DESCRIPTIONS	REV.	CK	CCO NO.
1	8/29/08	Added conduits 1311B, 1411B, conduit nos. 1311A, 1411A, PB-LTG and Sheet Notes 5. Rerouted conduits 1311 and 1411.	EJL	ECR	Light Pipe

REVISIONS

CONTRACT CHANGE ORDER NO._____
SHEET_____ OF _____

ROADWAY AND GIRDER LEVEL WESTBOUND
(LIGHTING AND ELECTRICAL SYSTEMS)

SCALE: 1:200

E-12

THIS PLAN IS ACCURATE FOR ELECTRICAL WORK ONLY.

FOR REDUCED PLANS ORIGINAL SCALE IS IN MILLIMETERS 0 20 40 60 80

DGN FILE =>T:\13103\MS\pse\SFOBB Roadway Light Pole\CCO for SAS MEP\E-50R01.dgn
USERNAME =>fusco

CU 04251 EA 0120L1

LAST REVISION 00-00-00 DATE PLOTTED => 8/24/2010 TIME PLOTTED => 3:20:10 PM

"CCO ____ DRAFT"
08/25/2010

FOR ROADWAY LIGHTING POLES
REFERENCE ONLY

ROADWAY LIGHTING POLE PLAN LOCATION-SHEET 31
OAKLAND APPROACH STRUCTURES

NO SCALE

E-50

LAST REVISION 08-17-09 DATE PLOTTED => 8/24/2010 TIME PLOTTED => 3:20:10 PM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

CONSULTANT FUNCTIONAL SUPERVISOR: BRADY NADELL

CALCULATED-DESIGNED BY: JEFFRI HALIM
CHECKED BY: ELLERY LUCAS

DESIGN OVERSIGHT: BEHZAD GOLEMOHAMMADI

CALCULATED/DESIGNED BY: FK DATE 2/06
CHECKED BY: AB 2/06

REVISED BY / DATE REVISED

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

BORDER LAST REVISED 3/1/2007

RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80

USERNAME => fusco
DGN FILE => T:\13103\MS\pse\SFOBB Roadway Light Pole\CCO for SAS MEP\E-50R01.dgn