DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
04	SF, Ala	80	12.2/14.3 0.0/4.0	407a 06S40	1204

Syn Yee Chin 03/08/10
REGISTERED ELECTRICAL ENGINEER DATE

05-06-2010
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER SYN YEE CHIN No. 18186 Exp. 09/30/2011 ELECTRICAL STATE OF CALIFORNIA

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

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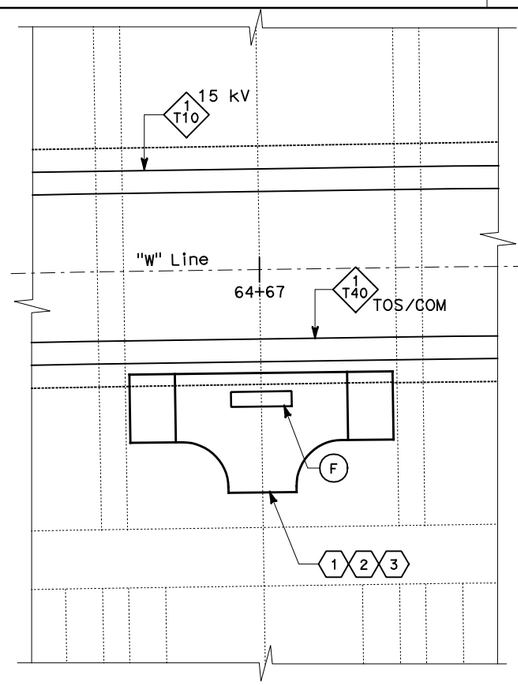
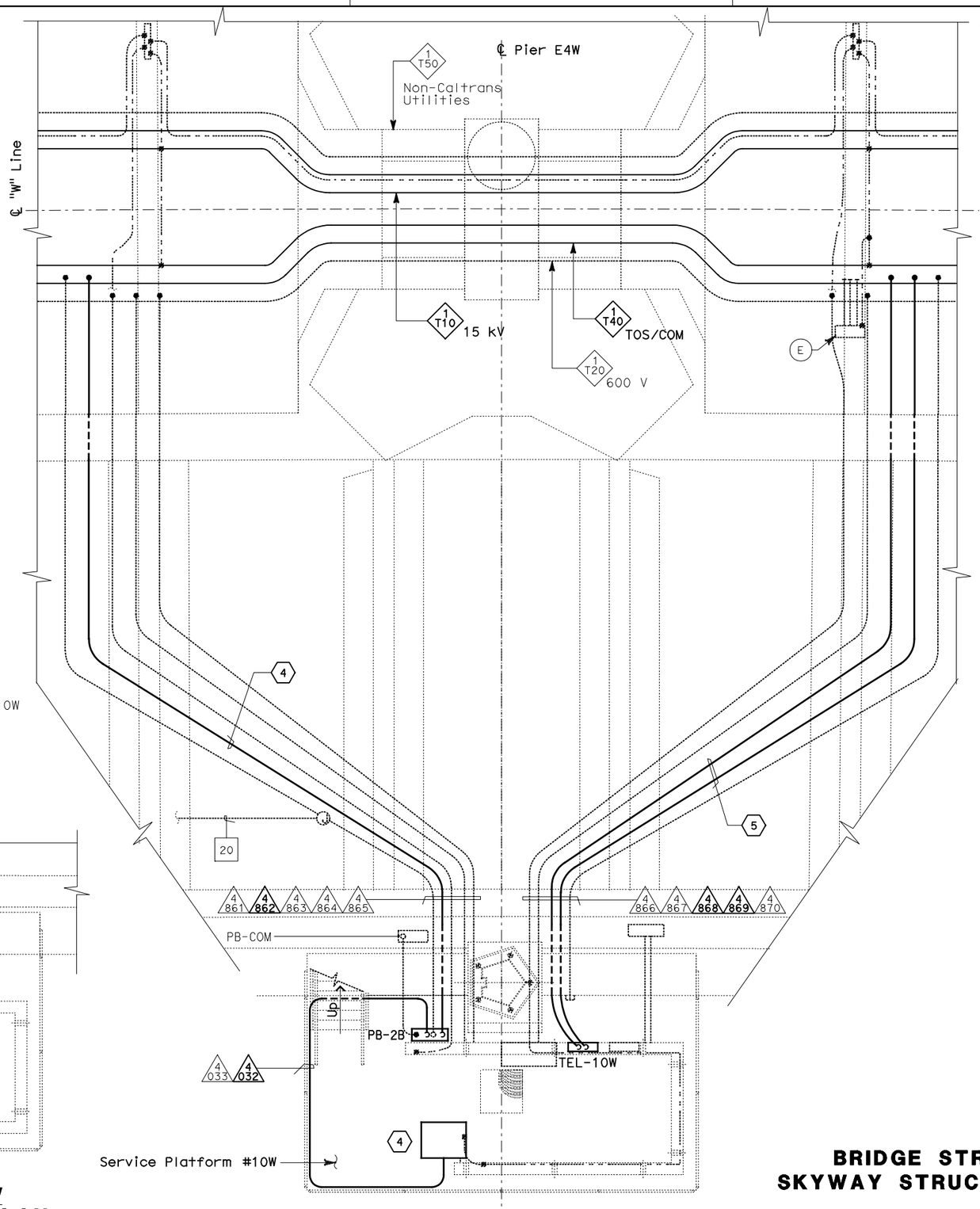
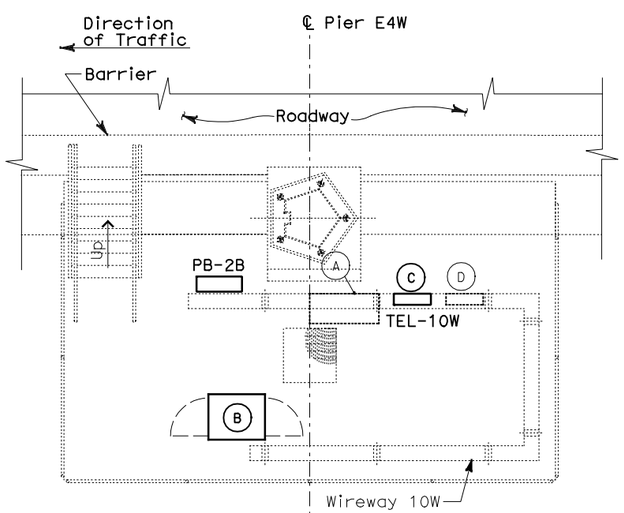
Caltrans now has a web site! To get to the web site, go to http://www.dot.ca.gov





EQUIPMENT SCHEDULE:

- (A) Utility Panel UP-132
  100 A, 208/120 V, 3-Phase, 4-Wire
- (B) Controller Cabinet #TOS-10WA
- (C) Telephone Terminal Box #TEL-10W
- (D) Navigation Relay Cabinet #NAP-10W
- (E) Scada Communication Terminal Box #COM-10W
- (F) Fiber Optic Splice Closure #FSC-10W



SERVICE PLATFORM #10W EQUIPMENT ARRANGEMENT PLAN

SCALE: 1:40

THIS PLAN ACCURATE FOR ELECTRICAL WORK ONLY.

Service Platform #10W

CONDUIT AND GROUNDING PLAN - WB

SCALE: 1:40

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

NOTES:

1. This plan sheet is a record drawing from Skyway Structures contract. The Contractor shall verify the existing installation. See sheet EE-267 Skyway Structures, Contract No. 04-012024.
2. The installed components shall not be limited to the ones listed below, but shall be a complete installation. For details, see Bridge Structures Girder Westbound, typical Details sheets.
   - Furnish and install the 15kV cables into existing cable tray shown on this drawing. See sheets E-664 and E-665.
   - Furnish and install the TOS fiber optic cables into existing cable tray and conduits shown on this drawing. Pull a 72 fiber in the main tray and terminate in the splice closure. See sheets E-978 through E-981.
   - Inspect for system ground continuity. See sheets E-666 and E-667.
3. All cable trays, conduits and equipment shown on this drawing are existing. Bold ones are to be used for pulling cable.

SHEET NOTES:

(1) Furnish and install splice cable tray as shown on sheet E-663, plan detail 2.

(2) Mount splice cable tray between diaphragms and secure properly. See sheet E-663, section detail 4.

(3) Contractor shall locate the splice cable tray at Station 64+67 as shown on E-602.

(4) Furnish and install 12 fiber optic cables from Fiber Optic Splice Closure to Controller Cabinet. Route via pull box PB-2B. Coil 3m of cable inside Controller Cabinet for connections by others. The coiled end of the fiber optic cables shall be terminated with mated connectors. See sheets E-972 and E-973.

(5) Pull and terminate 50 pair telephone cable in Telephone Terminal Box. See sheets E-960, E-962 and E-964.

REQUEST FOR INFORMATION NOT ADDRESSED IN THIS CCO REMAIN IN FORCE

MARK	DATE	DESCRIPTIONS	BY	CH'D	CCO#
0	03/08/10	MEP INTEGRATION	SYC	FW	110

REVISIONS

CONTRACT CHANGE ORDER NO._____
SHEET _____ OF _____

DETAILS
BRIDGE STRUCTURES GIRDER WESTBOUND
SKYWAY STRUCTURES - SERVICE PLATFORM #10W

SCALE AS NOTED

E-639

CALCULATED/ DESIGNED BY	SYC	DATE 01/10	REVISED BY
CHECKED BY	FW	01/10	DATE REVISED

DESIGN OVERSIGHT
BEHZAD GOLEMOHAMMADI

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION 00-00-00
DATE PLOTTED => 06-MAY-2010
TIME PLOTTED => 18:06

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

DGN FILE =>04-0120f1_E-639.dgn
USERNAME =>llorico

CU 04251 EA 0120F1