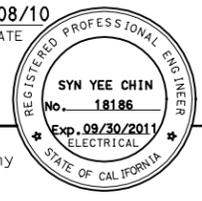




DIST	COUNTY	ROUTE	KILOMETER TOTAL PROJECT	POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
04	SF, Ala	80	12.2/14.3	0.0/4.0	407a	1204
		06S44				
SYN YEE CHIN			03/08/10			
REGISTERED ELECTRICAL ENGINEER			DATE			
05-06-2010			PLANS APPROVAL DATE			
PB AMERICAS, Inc.						
A Parsons Brinckerhoff Company						
303 Second St., Suite 700N						
San Francisco, CA 94107-1317						
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.						
Caltrans now has a web site! To get to the web site, go to <a href="http://www.dot.ca.gov">http://www.dot.ca.gov</a>						



**NOTES:**

- This plan sheet is a record drawing from Skyway Structures contract. The Contractor shall verify the existing installation. See sheet EE-270 from Skyway Structures, contract No. 04-012024.
- 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.
- All cable trays, conduits, and equipment shown on this drawing are existing. Bold ones are to be used for pulling cable.

**SHEET NOTES:**

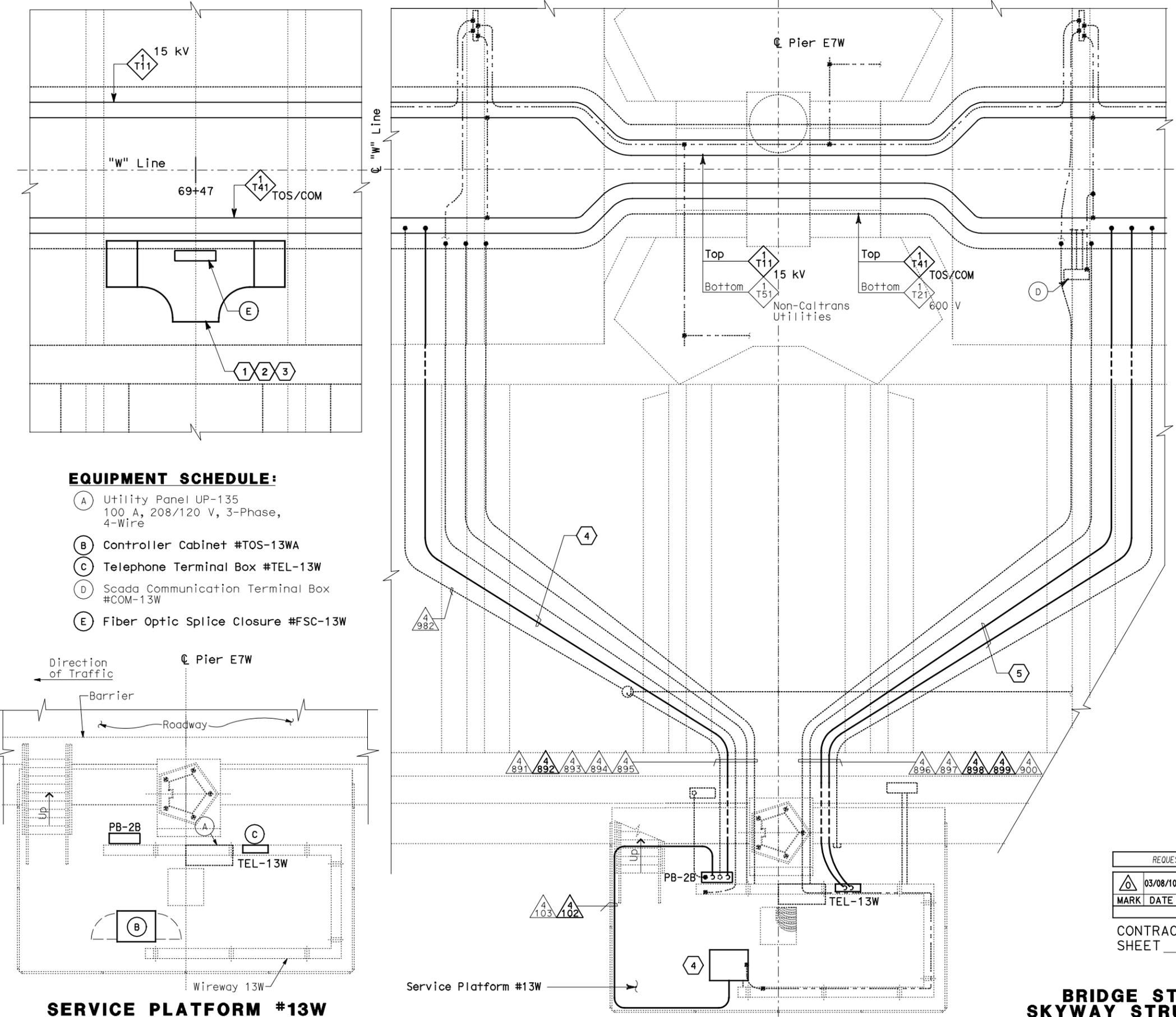
- Furnish and install splice cable tray as shown on sheet E-663, plan detail 2.
- Mount splice cable tray between diaphragms and secure properly. See sheet E-663, section detail 4.
- Contractor shall locate the splice cable tray at Station 69+47 as shown on sheet E-605.
- Furnish and install 12 fiber 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.
- 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			
△	03/08/10	MEP INTEGRATION	SYC FW 110
MARK	DATE	DESCRIPTIONS	BY CH'D CCO#
REVISIONS			

CONTRACT CHANGE ORDER NO. \_\_\_\_\_ SHEET \_\_\_\_\_ OF \_\_\_\_\_

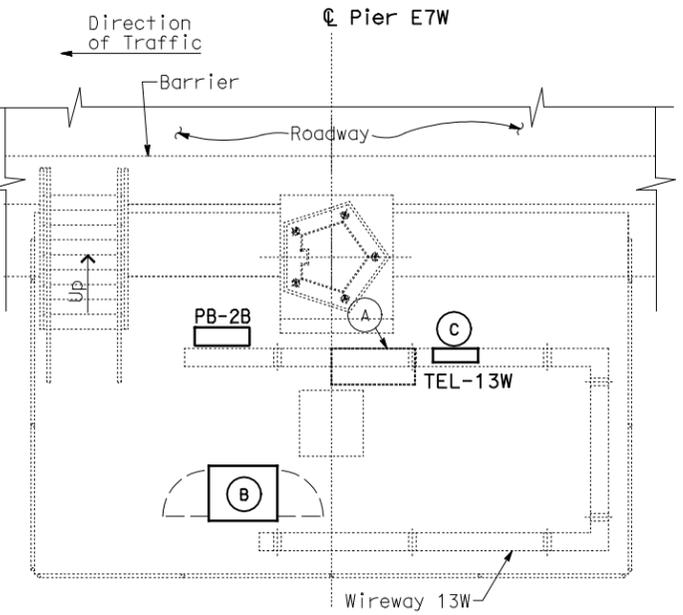
**DETAILS**  
**BRIDGE STRUCTURES GIRDER WESTBOUND**  
**SKYWAY STRUCTURES-SERVICE PLATFORM #13W**  
 SCALE AS NOTED

**E-643**



**CONDUIT AND GROUNDING PLAN - WB**  
 SCALE: 1:40

- EQUIPMENT SCHEDULE:**
- (A) Utility Panel UP-135  
100 A, 208/120 V, 3-Phase, 4-Wire
  - (B) Controller Cabinet #TOS-13WA
  - (C) Telephone Terminal Box #TEL-13W
  - (D) Scada Communication Terminal Box #COM-13W
  - (E) Fiber Optic Splice Closure #FSC-13W



**SERVICE PLATFORM #13W**  
**EQUIPMENT ARRANGEMENT PLAN**  
 SCALE: 1:40

THIS PLAN ACCURATE FOR ELECTRICAL WORK ONLY.

FOR REDUCED PLANS ORIGINAL SCALE IS IN MILLIMETERS

DGN FILE => 04-0120f1\_E-643.dgn  
 USERNAME => ilorico

CU 04251 EA 0120F1

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

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