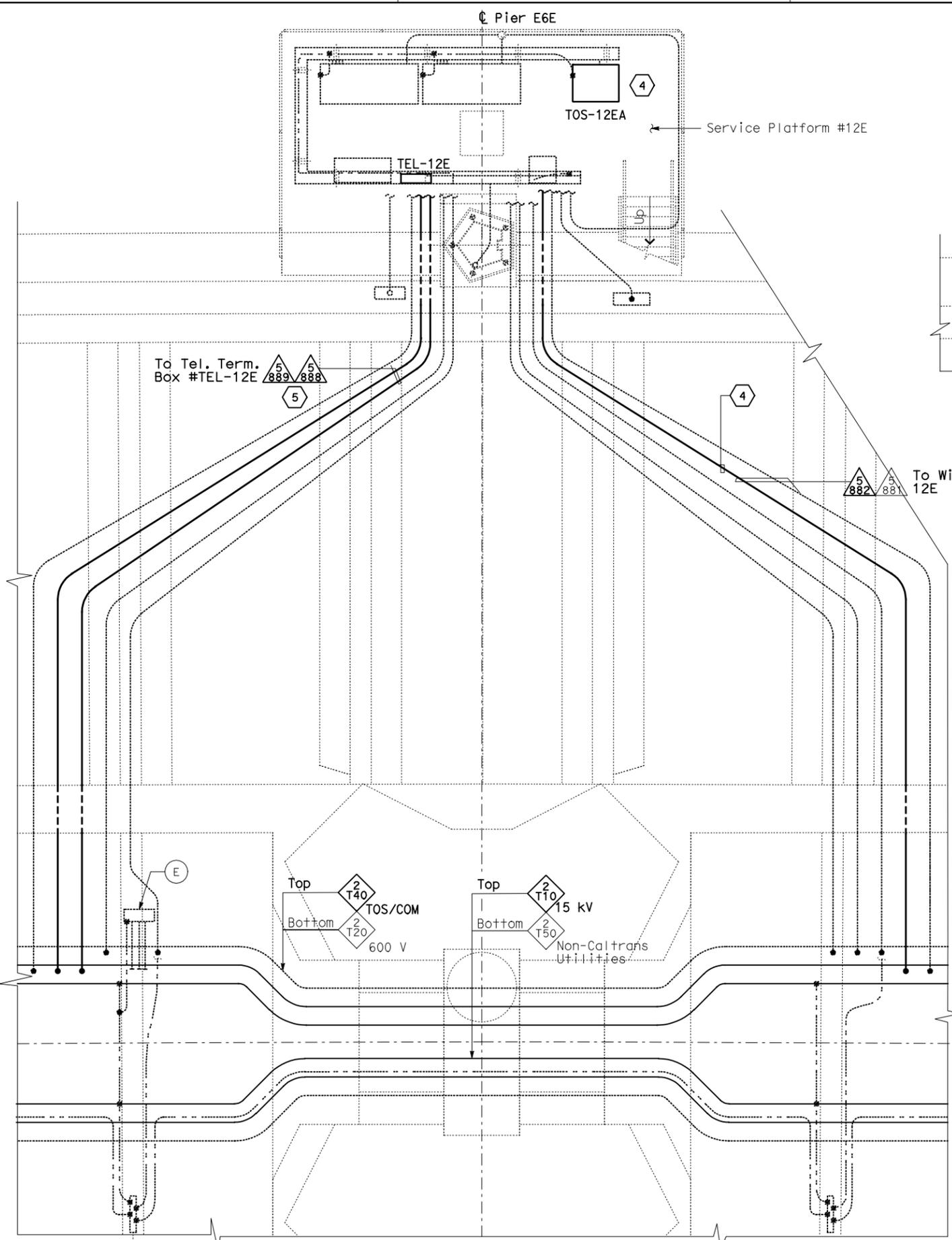
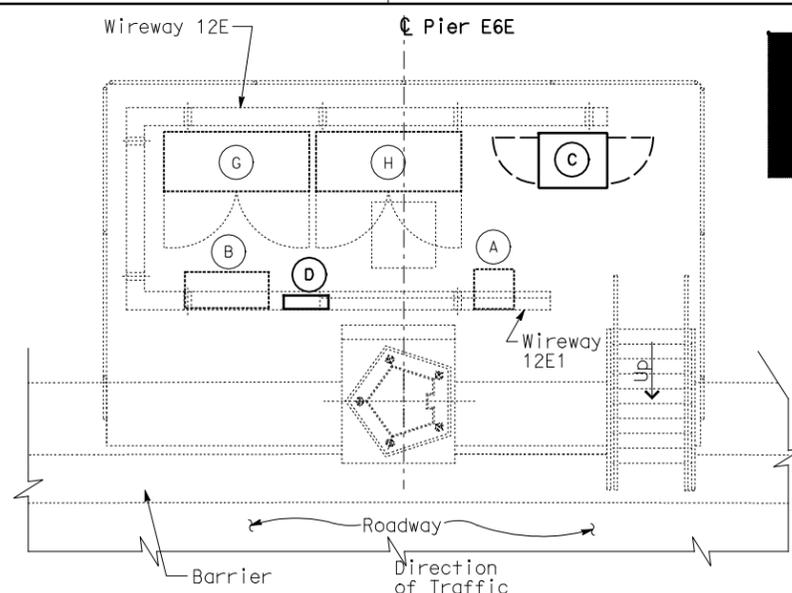


STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans**  
 DESIGN OVERSIGHT  
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 REVISIONS  
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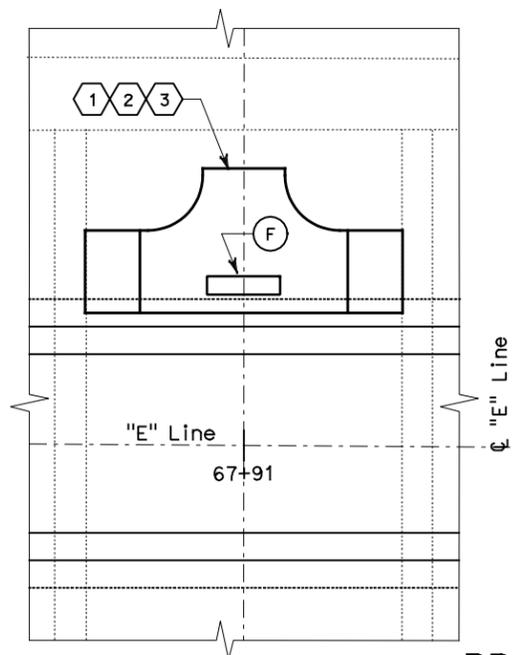


**CONDUIT AND GROUNDING PLAN - EB**  
 SCALE: 1:40



**SERVICE PLATFORM #12E  
 EQUIPMENT ARRANGEMENT PLAN**  
 SCALE: 1:40

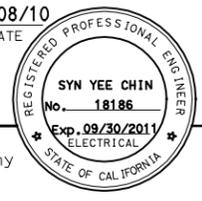
- EQUIPMENT SCHEDULE:**
- (A) Utility Panel UP-234  
100 A, 208/120 V, 3-Phase, 4-Wire
  - (B) Lighting Panel LP-254  
100 A, 208/120 V, 3-Phase, 4-Wire
  - (C) Controller Cabinet #TOS-12EA
  - (D) Telephone Terminal Box #TEL-12E
  - (E) Scada Communication Terminal Box #COM-12E
  - (F) Fiber Optic Splice Closure #FSC-12E
  - (G) Strong Motion Recorder #1 (Box A)
  - (H) Strong Motion Recorder #1 (Box B)



**DETAILS  
 BRIDGE STRUCTURES GIRDER EASTBOUND  
 SKYWAY STRUCTURES-SERVICE PLATFORM #12E**  
 SCALE AS NOTED



DIST	COUNTY	ROUTE	KILOMETER TOTAL PROJECT	POST PROJECT	SHEET No	TOTAL SHEETS
04	SF, Ala	80	12.2/14.3	0.0/4.0	407a	1204
					08S24	
					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	
<p>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.</p>						
<p>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></p>						



- NOTES:**
- This plan sheet is a record drawing from Skyway Structures contract. The Contractor shall verify the existing installation. See sheet EE-284 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 Eastbound, typical Details sheets.
    - Furnish and install the 15 kV cables into existing cable tray shown on this drawing. See sheet E-837.
    - Furnish and install the TOS fiber optic cables into existing cable tray, conduit and wireway shown on this drawing. Pull a 72 fiber in the main tray and terminate in the splice closure. See sheet E-983.
    - Inspect for system ground continuity. See sheets E-839 and E-840.
  - All cable trays, conduits, wireways and equipment shown on this drawing are existing. Bold ones are to be used for pulling cable.

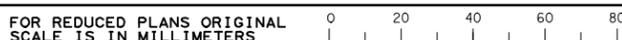
- SHEET NOTES:**
- Furnish and install splice cable tray as shown on sheet E-836, plan detail 2.
  - Mount splice cable tray between diaphragms and secure properly. See sheet E-836, section detail 4.
  - Contractor shall locate the splice cable tray at Station 67+91 as shown on E-804.
  - Furnish and 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 connector. See sheets E-972 and E-973.
  - Pull and terminate 50 pair telephone cable in Telephone Terminal Box. See sheets E-961, E-963 and E-965.

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 \_\_\_\_\_

THIS PLAN ACCURATE FOR ELECTRICAL WORK ONLY.

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN



DGN FILE => 04-0120f1\_E-823.dgn  
 USERNAME => ilorico

CU 04251 EA 0120F1

**E-823**

DATE PLOTTED => 06-MAY-2010  
 TIME PLOTTED => 18:24  
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