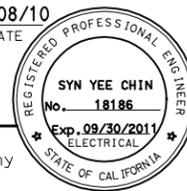


STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans**  
 DESIGN OVERSIGHT  
 BEHZAD GOLEMOHAMMADI  
 REVISIONS  
 REVISION NO. DATE BY  
 1 01/10 FW  
 2 01/10 FW  
 3 01/10 FW  
 4 01/10 FW  
 5 01/10 FW  
 6 01/10 FW  
 7 01/10 FW  
 8 01/10 FW  
 9 01/10 FW  
 10 01/10 FW  
 11 01/10 FW  
 12 01/10 FW  
 13 01/10 FW  
 14 01/10 FW  
 15 01/10 FW  
 16 01/10 FW  
 17 01/10 FW  
 18 01/10 FW  
 19 01/10 FW  
 20 01/10 FW  
 21 01/10 FW  
 22 01/10 FW  
 23 01/10 FW  
 24 01/10 FW  
 25 01/10 FW  
 26 01/10 FW  
 27 01/10 FW  
 28 01/10 FW  
 29 01/10 FW  
 30 01/10 FW  
 31 01/10 FW  
 32 01/10 FW  
 33 01/10 FW  
 34 01/10 FW  
 35 01/10 FW  
 36 01/10 FW  
 37 01/10 FW  
 38 01/10 FW  
 39 01/10 FW  
 40 01/10 FW  
 41 01/10 FW  
 42 01/10 FW  
 43 01/10 FW  
 44 01/10 FW  
 45 01/10 FW  
 46 01/10 FW  
 47 01/10 FW  
 48 01/10 FW  
 49 01/10 FW  
 50 01/10 FW  
 51 01/10 FW  
 52 01/10 FW  
 53 01/10 FW  
 54 01/10 FW  
 55 01/10 FW  
 56 01/10 FW  
 57 01/10 FW  
 58 01/10 FW  
 59 01/10 FW  
 60 01/10 FW  
 61 01/10 FW  
 62 01/10 FW  
 63 01/10 FW  
 64 01/10 FW  
 65 01/10 FW  
 66 01/10 FW  
 67 01/10 FW  
 68 01/10 FW  
 69 01/10 FW  
 70 01/10 FW  
 71 01/10 FW  
 72 01/10 FW  
 73 01/10 FW  
 74 01/10 FW  
 75 01/10 FW  
 76 01/10 FW  
 77 01/10 FW  
 78 01/10 FW  
 79 01/10 FW  
 80 01/10 FW  
 81 01/10 FW  
 82 01/10 FW  
 83 01/10 FW  
 84 01/10 FW  
 85 01/10 FW  
 86 01/10 FW  
 87 01/10 FW  
 88 01/10 FW  
 89 01/10 FW  
 90 01/10 FW  
 91 01/10 FW  
 92 01/10 FW  
 93 01/10 FW  
 94 01/10 FW  
 95 01/10 FW  
 96 01/10 FW  
 97 01/10 FW  
 98 01/10 FW  
 99 01/10 FW  
 100 01/10 FW



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
			06S55			
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-278 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 conduit 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:**

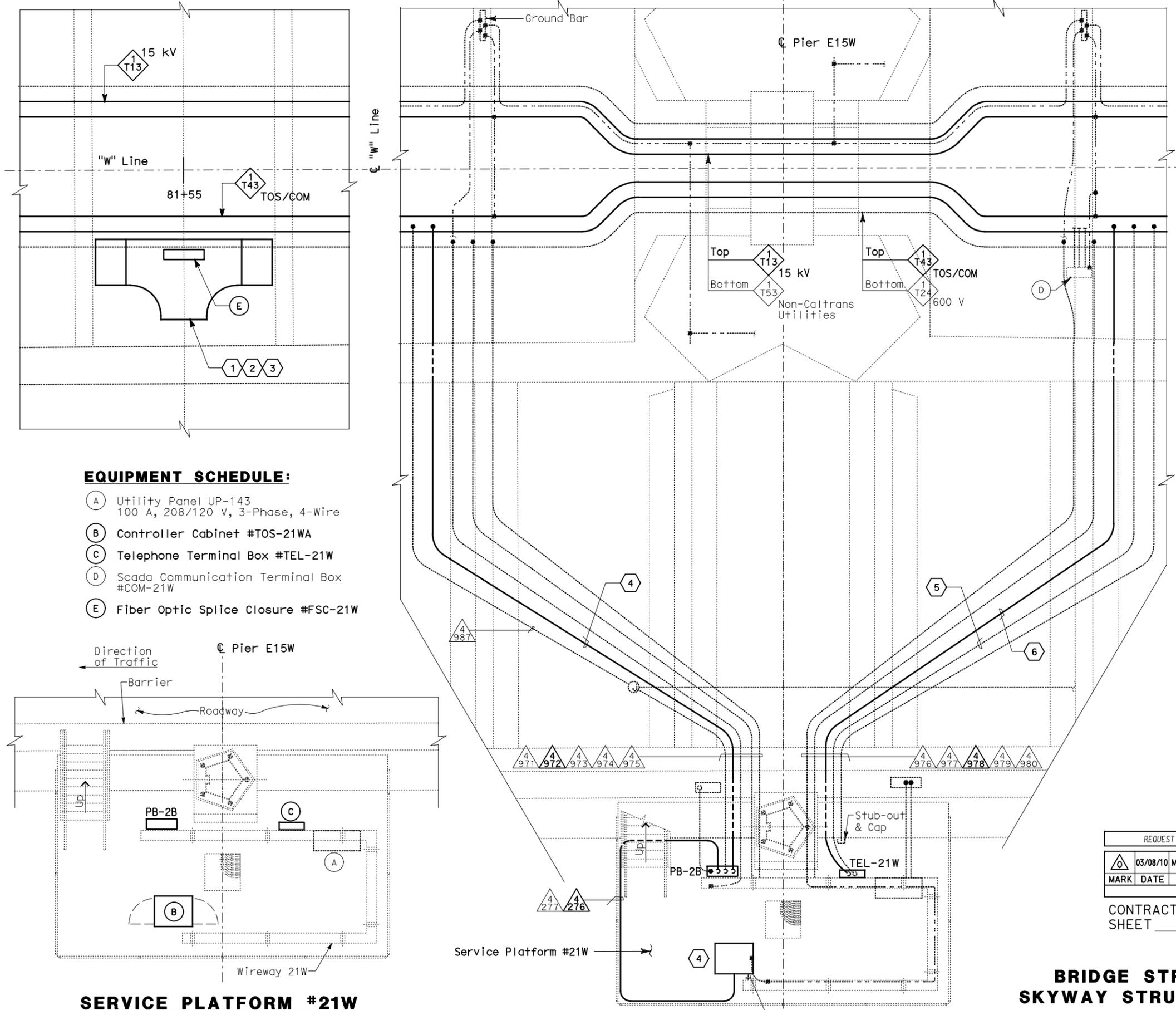
- Furnish and install splice cable tray as shown on sheet E-663, plan detail 2.
- Mount splice cable tray between diaphragms and secure properly. See sheet E-663, section detail 4.
- Contractor shall locate the splice cable tray at Station 81+55 as shown on sheet E-615.
- Furnish and install 12 fiber 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.
- Pulling and termination of cables by others.
- 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	SYN	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 #21W**  
 SCALE AS NOTED

**E-654**



**SERVICE PLATFORM #21W**  
**EQUIPMENT ARRANGEMENT PLAN**  
 SCALE: 1:40

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

THIS PLAN ACCURATE FOR ELECTRICAL WORK ONLY.

FOR REDUCED PLANS ORIGINAL SCALE IS IN MILLIMETERS

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

DGN FILE => 04-0120f1\_E-654.dgn  
 USERNAME => ilorico

CU 04251 EA 0120F1

DATE PLOTTED => 06-MAY-2010  
 TIME PLOTTED => 18:08  
 LAST REVISION 00-00-00