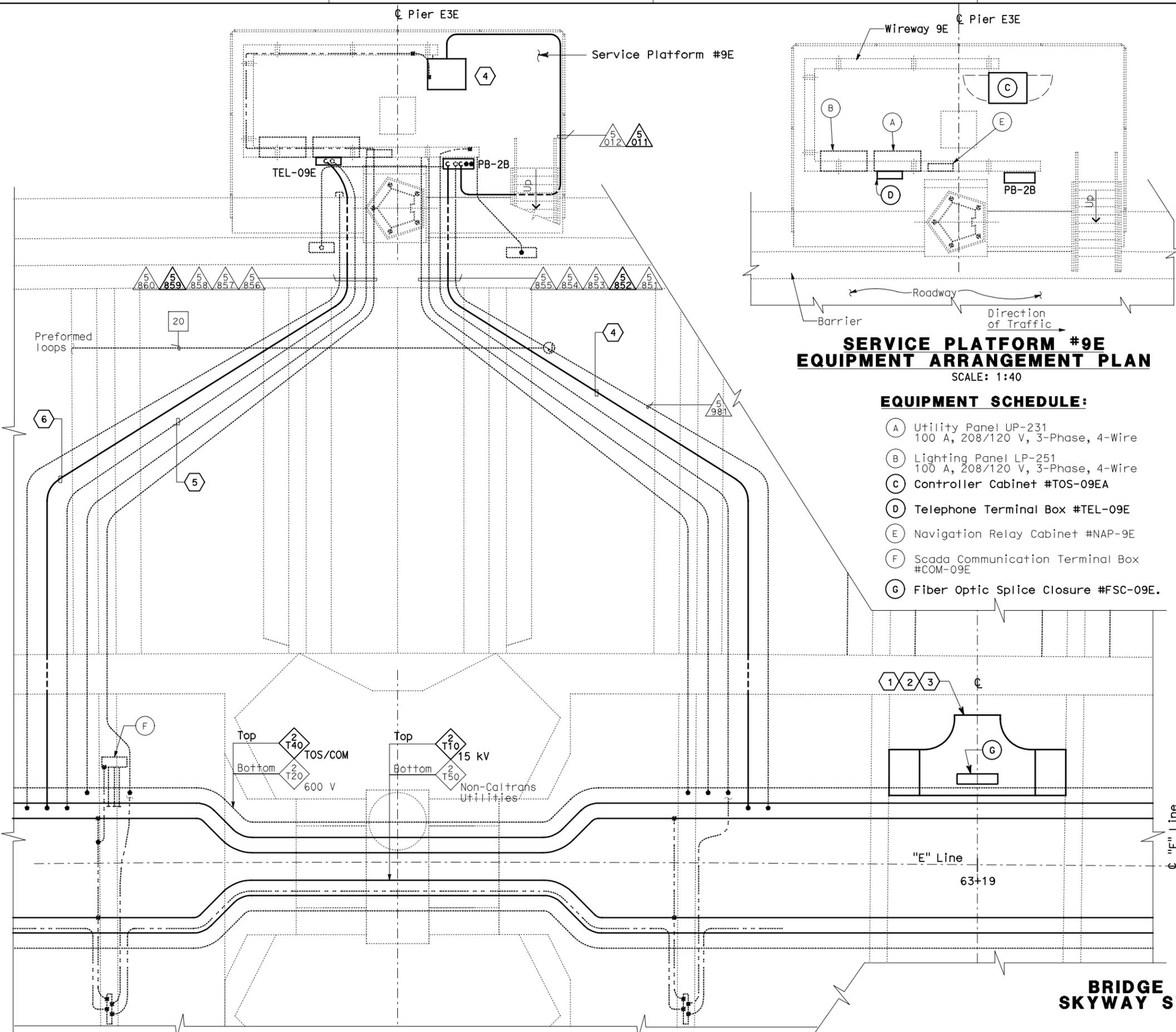


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**SERVICE PLATFORM #9E
 EQUIPMENT ARRANGEMENT PLAN**
 SCALE: 1:40

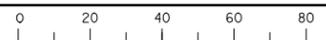
- EQUIPMENT SCHEDULE:**
- (A) Utility Panel UP-231
100 A, 208/120 V, 3-Phase, 4-Wire
 - (B) Lighting Panel LP-251
100 A, 208/120 V, 3-Phase, 4-Wire
 - (C) Controller Cabinet #TOS-09EA
 - (D) Telephone Terminal Box #TEL-09E
 - (E) Navigation Relay Cabinet #NAP-9E
 - (F) Scada Communication Terminal Box #COM-09E
 - (G) Fiber Optic Splice Closure #FSC-09E.

CONDUIT AND GROUNDING PLAN - EB
 SCALE: 1:40

THIS PLAN ACCURATE FOR ELECTRICAL WORK ONLY.

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

FOR REDUCED PLANS ORIGINAL SCALE IS IN MILLIMETERS



DGN FILE => 04-0120f1_E-820.dgn
 USERNAME => ilorico

Caltrans
Metric

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

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

03/08/10
 PLANS APPROVAL DATE

05-06-2010
 PLANS APPROVAL DATE

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

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NOTES:

1. This plan sheet is a record drawing from Skyway Structures contract. The Contractor shall verify the existing installation. See sheet EE-281 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 Eastbound, typical Details sheets.
 - Furnish and install the 15kV 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 and conduits 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.
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-836, plan detail 2.
- 2) Mount splice cable tray between diaphragms, and secure properly. See sheet E-836, section detail 4.
- 3) Contractor shall locate the splice cable tray at Station 63+19 as shown on E-801.
- 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 connector. See sheets E-972 and E-973.
- 5) Pulling and termination of cables shall be done by others.
- 6) 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 _____

**DETAILS
 BRIDGE STRUCTURES GIRDER EASTBOUND
 SKYWAY STRUCTURES-SERVICE PLATFORM #9E**
 SCALE AS NOTED

E-820

DATE PLOTTED => 06-MAY-2010
 TIME PLOTTED => 18:24
 00-00-00