DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
04	SF	80	13.2/13.9	150 R3	1204

Jens Erlingsson 12/19/02
REGISTERED ELECTRICAL ENGINEER DATE

12-6-04
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER JENS ERLINGSSON No. 8249 Exp. 9/30/06 ELECTRICAL STATE OF CALIFORNIA

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

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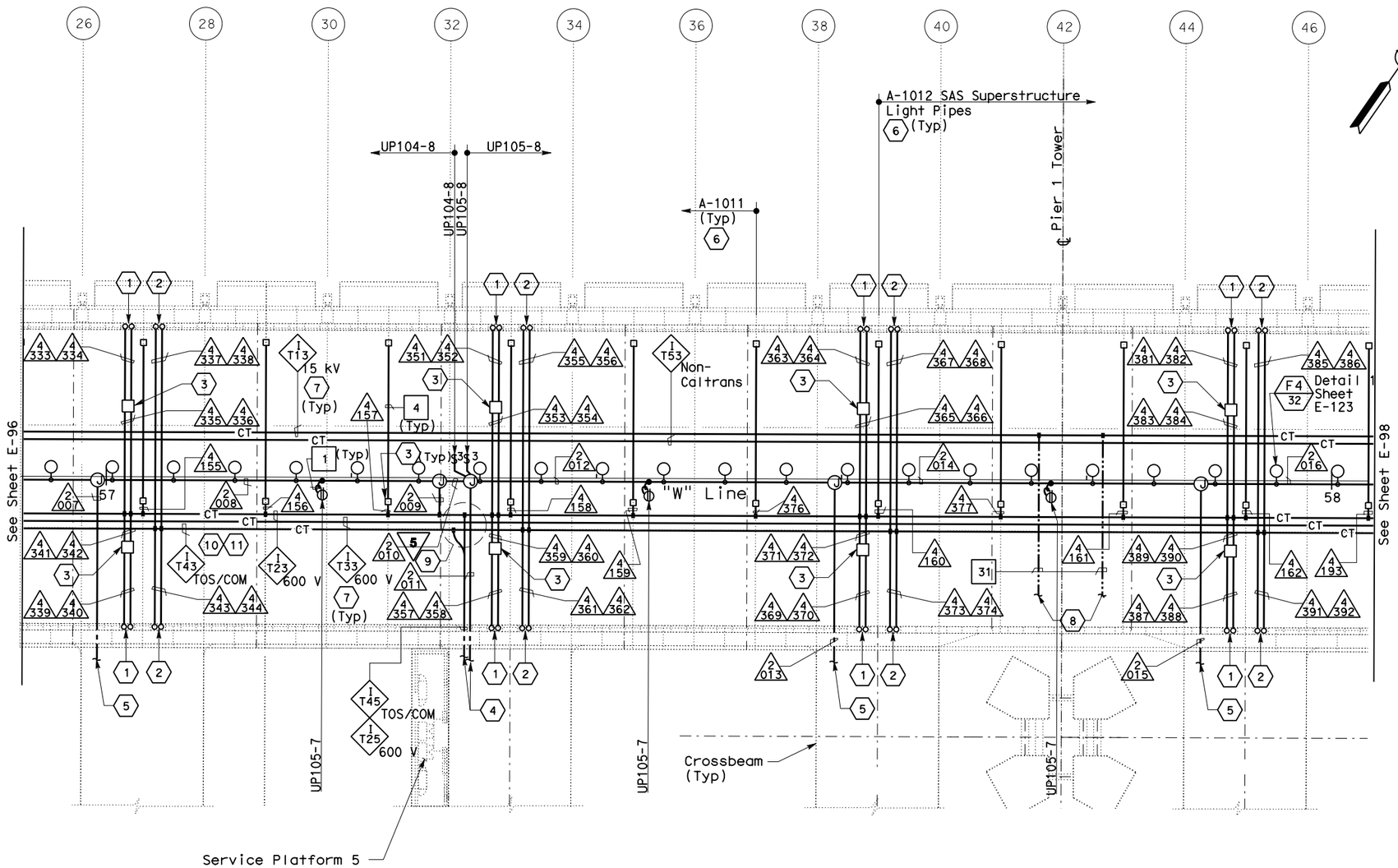
Caltrans now has a web site! To get to the web site, go to http://www.dot.ca.gov



SHEET NOTES:

1. Conduit up to PB-LTG located in barrier, see sheet E-47.
2. Conduit up to PB-COM located in barrier, see sheet E-47.
3. PB-2A locate on top of floor.
4. For cable tray run and lighting inside crossbeam, see sheet E-115.
5. For lighting inside crossbeam, see sheet E-119.
6. PB-2L with circuit for future light pipes. See sheet E-121 for installation details and E-130 for lighting schedule.
7. For cable tray & ground bar support, refer to sheet E-125.
8. 250 kcmil copper grounding conductor exothermically welded to 500 kcmil system grounding conductor. Route 250kcmil BCW in 41C liquidtight flexible metal conduit. For continuation, see sheet E-111A.
9. For fiber splice tray detail, refer to sheet E-355.
10. Furnish and install 1-25.4 mm innerduct per BASE fiber optic cable in TOS/COM cable tray.
11. Furnish and install BASE fiber optic cable in innerduct. See sheet E-1100.

NOTES:

1. References:
   - TOS equipment is shown for conduit routing only. For typical details of TOS controller and devices, see sheets E-344 through E-357.
   - For types of pull boxes, splice boxes and enclosures, see sheet E-83.
   - For bridge grounding plan, see sheet E-111.
   - For circuit and conduit/cable tray schedules, see sheets starting at E-401.
2. For other related work not shown on this sheet, see Electrical Special Provisions.
3. The girder lighting fixtures are shown diagrammatically.Contractor shall install fixtures at railing posts with a maximum of 8000 mm between fixtures. For types and typical lighting fixture installation details, see sheet E-123.
4. The cable trays are shown diagrammatically. For typical girder cable tray plans and sections, see sheets E-124 and E-125.

SAS SUPERSTRUCTURE - CONDUIT AND CABLE TRAY PLAN

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

Syn Yee Chin
FOR REVISION ONLY
1

REGISTERED PROFESSIONAL ENGINEER DAVID H. OTO No. 10699 Exp. 06/30/2013 ELECTRICAL STATE OF CALIFORNIA

FOR REVISION ONLY
2 3

THIS PLAN IS ACCURATE FOR ELECTRICAL WORK ONLY.

REQUEST FOR INFORMATION NOT ADDRESSED IN THIS CCO REMAIN IN FORCE

MARK	DATE	DESCRIPTIONS	BY	CH'D	CCO#
3	10/23/13	ADDITIONAL SAS MISCELLANEOUS ELECTRICAL CHANGES	RR RSB	RG	191S2
2	04/27/12	ELECTRICAL GROUNDING	RSB RM	RG	75
1	03/01/11	BASE INTEGRATION	RSB	WB	150

REVISIONS

CONTRACT CHANGE ORDER NO._____
SHEET _____ OF _____

SAS SUPERSTRUCTURE GIRDER WESTBOUND
LIGHTING AND ELECTRICAL SYSTEMS

SCALE 1:200

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN.

E-97

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

DESIGN OVERSIGHT
BEHZAD GOLEMOHAMMADI

CALCULATED/ DESIGNED BY	FK	DATE 8/02	REVISED BY
CHECKED BY	IAH	8/02	DATE REVISED

LAST REVISION 10-23-13
DATE PLOTTED => 22-OCT-2013
TIME PLOTTED => 09:18

FOR REDUCED PLANS ORIGINAL SCALE IS IN MILLIMETERS 0 20 40 60 80
DGN FILE =>04-0120f1_0150R03.dgn
USERNAME =>Llorico
CU 04251
EA 0120F1