DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
04	SF	80	13.2/13.9	142 R3	1204

Caltrans Metric

REGISTERED ELECTRICAL ENGINEER 12/19/02 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

PULL BOXES

Location	Type	Pull Box Size	Enclosure Type	Nameplate Pull Box Cover	Remarks
Roadway Barrier	PB-Com			Low Voltage - Call Box	Caltrans standard ES-9C (PB-9A)
3 Roadway Barrier	PB-Ltg			600 V - Electrical	Caltrans standard ES-9C (PB-9)
Roadway and miscellaneous	PB-1B	304 L x 254 W x 127 D	NEMA 4X	600 V - Electrical	Located at main suspender cable
Roadway and miscellaneous	PB-1C	152 L x 152 W x 102 D	NEMA 4X	600 V - Electrical	Located at suspender brackets
Roadway	PB-1F	304 L x 304 W x 152 D	NEMA 4X	600 V - Electrical	Located at main suspender cable
Inside Girder Box	PB-2A	3 406 L x 254 W x 152 D	NEMA 12	600 V - Electrical	
Service Platform	PB-2B	762 L x 508 W x 203 D	NEMA 4X	600 V - Electrical	
Inside Girder Box	3 PB-2C	915 L x 610 W x 610 D	NEMA 12	600 V - Electrical	Electrical vault-embedded in conc. deck
Inside Girder Box	PB-2P	1067 L x 915 W x 305 D	NEMA 12	600 V - Electrical	Electrical vault-surface/pendant mounted
Inside Girder Box	PB-2L	152 L x 152 W x 102 D	NEMA 12	600 V - Electrical	For future light pipe

PULL BOXES

Location	Type	Pull Box Size	Enclosure Type	Nameplate Pull Box Cover	Remarks
"E" Line Girder access Platform	PB-2D	457 L x 457 W x 203 D	NEMA 4X	600 V - Electrical	For Base Tower power and lighting
Inside Dehumidification #2 Area	PB-2E	203 L x 203 W x 102 D	NEMA 12	600 V - Electrical	For Base Tower Dehumidification #2 power
Tower Base-Elevator Enclosure	PB-2F	203 L x 203 W x 102 D	NEMA 12	600 V - Electrical	For Elevator pit motor power
Tower Walkway Platform, EL. 93.35 m	PB-2G	457 L x 457 W x 203 D	NEMA 4X	600 V - Electrical	For Power and Lighting
Tower Walkway Platform, EL. 93.35 m	PB-2H	457 L x 457 W x 203 D	NEMA 4X	600 V - Electrical	For Power and Lighting
Elevator Enclosure-EL. 93.35 m	PB-2J	203 L x 203 W x 102 D	NEMA 4X	600 V - Electrical	For Power and Lighting
"E" Line Girder access Platform	PB-2K	305 L x 305 W x 152 D	NEMA 4X	600 V - Electrical	For Base Tower power and lighting
Tower Walkway Platform, EL. 53.0 m	PB-2R	203 L x 203 W x 102 D	NEMA 4X	600 V - Electrical	For Power - Booster Pump P1
Tower Vertical Runs	PB-4D	915 L x 610 W x 610 D	NEMA 12	600 V - Electrical	

SPLICE BOXES

Location	Type	Splice Box Size	Enclosure Type	Nameplate Splice Box Cover	Remarks
Inside Girder Box and Tower EL 63.0	PB-3A	1830 L x 915 W x 305 D	NEMA 12	Danger - High Voltage - Keep Out	
Inside Girder Box	PB-3B	813 L x 203 diameter	Cylindrical Housing	Fiber Optic	72 fibers to 12 fibers
Inside Girder Box	PB-3C	813 L x 203 diameter	Cylindrical Housing	Fiber Optic	72 fibers to 72 fibers

PANEL ENCLOSURES (1)

Location	Type	Cabinet/Terminal Box Size	Enclosure Type	Nameplate Cabinet/Terminal Cover	Remarks
Service Platform	PB-6C	See Panel Layout	NEMA 4X	See Panel Layout on E-305	For Navigation Relay Cabinet
			3		
3 Service Platform	PB-7B	See Panel Layout	NEMA 4X	See Panel Layout on E-321	For Scada Communication Terminal Box
Service Platform	PB-7C	3 762 H x 508 W x 203 D	NEMA 4X	Caltrans Telephone	Enclosure only - For Telephone Terminal Box
Inside Girder Box	PB-7D	508 H x 406 W x 203 D	NEMA 4X	Caltrans Telephone	Enclosure only - For Telephone Terminal Box
DELETED					3

SAS SUPERSTRUCTURE WB

Location	Type	Pull Box Size	Enclosure Type	Nameplate Pull Box Cover	Remarks
Inside Light Pole	PB-2N	152 L x 152 W x 102 D	NEMA 12	TOS-MVDS	Cable Termination
Tower Platform	PB-2M	305 L x 305 W x 152 D	NEMA 12	TOS-MVDS	Cable Termination
Inside Dehumidification #1 Area	PB-TOS	203 L x 203 W x 102 D	NEMA 4X	TOS-COM	Dehumidification Unit #1

SHEET NOTE:

(1) Panel enclosures shall be provided with padlock provisions.

REQUEST FOR INFORMATION NOT ADDRESSED IN THIS CCO REMAIN IN FORCE					
3	03/30/09	SERVICE PLATFORM ELECTRICAL CHANGES	RR	RG FW	55
2	09/24/08	CABLE ELECTRICAL	RY AG	RG FW	72
1	02/19/08	ELECTRICAL MODIFICATIONS	MP EL	RR	42
MARK	DATE	DESCRIPTIONS	BY	CH'D	CCO#
REVISIONS					

CONTRACT CHANGE ORDER NO._____
SHEET _____ OF _____

REGISTERED PROFESSIONAL ENGINEER MARNELL FUMIO TAKATA No. E 8651 Exp. 9/30/2008 ELECTRICAL STATE OF CALIFORNIA

FOR REVISION ONLY 1

REGISTERED PROFESSIONAL ENGINEER FADI WALIEDDINE No. 11465 Exp. 12/31/2009 ELECTRICAL STATE OF CALIFORNIA

FOR REVISION ONLY 2 3

DETAILS
SAS SUPERSTRUCTURE ROADWAY WESTBOUND PULLBOX SCHEDULES

E-83

DESIGN OVERSIGHT
BEHZAD GOLEMOHAMMADI

CALCULATED/DESIGNED BY	FK	DATE 10/01	REVISED BY	DATE REVISED
CHECKED BY	BL	11/01		

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION 00-00-00
DATE PLOTTED => 3/31/2009
TIME PLOTTED => 2:51:14 PM

FOR REDUCED PLANS ORIGINAL SCALE IS IN MILLIMETERS 0 20 40 60 80

DGN FILE =>T:\13103\MS\pse\SAS Struc\CCO\SAS CC055\04-0120f1_0142R03.dgn
USERNAME =>garciar

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