| DIST | COUNTY | ROUTE | KILOMETER POST TOTAL PROJECT | SHEET No | TOTAL SHEETS |
|---|---|---|---|---|---|
| 04 | SF | 80 | 13.2/13.9 | 407 S9 | 1204 |

REGISTERED ELECTRICAL ENGINEER — DATE 6/12/08

PLANS APPROVAL DATE

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

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

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Caltrans Metric

REQUEST FOR INFORMATION NOT ADDRESSED IN THIS CCO REMAIN IN FORCE

| MARK | DATE | DESCRIPTIONS | BY | CH'D | CCO# |
|---|---|---|---|---|---|
| 0 | 03/30/09 | SERVICE PLATFORM ELECTRICAL CHANGES | RR RY | RG FW | 55 |

REVISIONS

CONTRACT CHANGE ORDER NO._____
SHEET_____ OF _____

## CONDUIT DATA

| Conduit No | Reference | Size | Type | Total Fill (mm2) | Allowable Fill (mm2) | Included Cable No. | Conductor Type |
|---|---|---|---|---|---|---|---|
| 5212A | E-114A | 78 | RGS Conduit | | 1935.24 | Pull rope | Soft-Fiber Polyester |
| 5212B | E-114A | 53 | RGS Conduit | | 1935.24 | Pull rope | Soft-Fiber Polyester |
| 5212C | E-114A | 53 | RGS Conduit | | 1935.24 | Pull rope | Soft-Fiber Polyester |
| 5212D | E-114A | 78 | RGS Conduit | | 1935.24 | Pull rope | Soft-Fiber Polyester |
| 5212E | E-114A | 78 | RGS Conduit | | 1935.24 | Pull rope | Soft-Fiber Polyester |
| 5212F | E-114A | 78 | RGS Conduit | | 1935.24 | Pull rope | Soft-Fiber Polyester |
| 5212G | E-114A | 78 | RGS Conduit | | 1935.24 | Pull rope | Soft-Fiber Polyester |
| 5212H | E-114A | 78 | RGS Conduit | | 1935.24 | Pull rope | Soft-Fiber Polyester |
| 5212J | E-114A | 78 | RGS Conduit | | 1935.24 | Pull rope | Soft-Fiber Polyester |
| 5212K | E-114A | 78 | RGS Conduit | | 1935.24 | Pull rope | Soft-Fiber Polyester |
| 5212L | E-114A | 78 | RGS Conduit | | 1935.24 | Pull rope | Soft-Fiber Polyester |
| 5212M | E-114A | 78 | RGS Conduit | | 1935.24 | Pull rope | Soft-Fiber Polyester |
| 5212N | E-114A | 78 | RGS Conduit | | 1935.24 | Pull rope | Soft-Fiber Polyester |
| 5212P | E-114A | 78 | RGS Conduit | | 1935.24 | Pull rope | Soft-Fiber Polyester |
| 5212Q | E-114A | 78 | RGS Conduit | | 1935.24 | Pull rope | Soft-Fiber Polyester |
| 5212R | E-114A | 78 | RGS Conduit | | 1935.24 | Pull rope | Soft-Fiber Polyester |
| 5212S | E-114A | 78 | RGS Conduit | | 1935.24 | Pull rope | Soft-Fiber Polyester |
| 5212T | E-114A | 78 | RGS Conduit | | 1935.24 | Pull rope | Soft-Fiber Polyester |
| 5212U | E-114A | 78 | RGS Conduit | | 1935.24 | Pull rope | Soft-Fiber Polyester |
| 5214A | E-115 | 78 | RGS Conduit | | 1935.24 | Pull rope | Soft-Fiber Polyester |
| 5214B | E-115 | 78 | RGS Conduit | | 1935.24 | Pull rope | Soft-Fiber Polyester |
| 5214C | E-115 | 78 | RGS Conduit | | 1935.24 | Pull rope | Soft-Fiber Polyester |
| 5214D | E-115 | 78 | RGS Conduit | | 1935.24 | Pull rope | Soft-Fiber Polyester |
| 5215A | E-114B | 78 | RGS Conduit | | 1935.24 | Pull rope | Soft-Fiber Polyester |
| 5215B | E-114B | 78 | RGS Conduit | | 1935.24 | Pull rope | Soft-Fiber Polyester |
| 5215C | E-114B | 53 | RGS Conduit | | 1935.24 | Pull rope | Soft-Fiber Polyester |
| 5215D | E-114B | 78 | RGS Conduit | | 1935.24 | Pull rope | Soft-Fiber Polyester |
| 5215E | E-114B | 78 | RGS Conduit | | 1935.24 | Pull rope | Soft-Fiber Polyester |
| 5215F | E-114B | 78 | RGS Conduit | | 1935.24 | Pull rope | Soft-Fiber Polyester |
| 5215G | E-114B | 78 | RGS Conduit | | 1935.24 | Pull rope | Soft-Fiber Polyester |
| 5215H | E-114B | 78 | RGS Conduit | | 1935.24 | Pull rope | Soft-Fiber Polyester |

## CONDUIT DATA

| Conduit No | Reference | Size | Type | Total Fill (mm ) | Allowable Fill (mm ) | Included Cable No. | Conductor Type |
|---|---|---|---|---|---|---|---|
| 5215J | E-114B | 78 | RGS Conduit | | 1935.24 | Pull rope | Soft-Fiber Polyester |
| 5215K | E-114B | 78 | RGS Conduit | | 1935.24 | Pull rope | Soft-Fiber Polyester |
| 5215L | E-114B | 78 | RGS Conduit | | 1935.24 | Pull rope | Soft-Fiber Polyester |
| 5215M | E-114B | 78 | RGS Conduit | | 1935.24 | Pull rope | Soft-Fiber Polyester |
| 5216A | E-116 | 78 | RGS Conduit | | 1935.24 | Pull rope | Soft-Fiber Polyester |
| 5216B | E-116 | 78 | RGS Conduit | | 1935.24 | Pull rope | Soft-Fiber Polyester |
| 5216C | E-116 | 78 | RGS Conduit | | 1935.24 | Pull rope | Soft-Fiber Polyester |
| 5216D | E-116 | 78 | RGS Conduit | | 1935.24 | Pull rope | Soft-Fiber Polyester |
| 5216E | E-116 | 78 | RGS Conduit | | 1935.24 | Pull rope | Soft-Fiber Polyester |
| 5217A | E-114B | 78 | RGS Conduit | | 1935.24 | Pull rope | Soft-Fiber Polyester |
| 5217B | E-114B | 78 | RGS Conduit | | 1935.24 | Pull rope | Soft-Fiber Polyester |
| 5217C | E-114B | 78 | RGS Conduit | | 1935.24 | Pull rope | Soft-Fiber Polyester |
| 5217D | E-114B | 78 | RGS Conduit | | 1935.24 | Pull rope | Soft-Fiber Polyester |
| 5217E | E-114B | 78 | RGS Conduit | | 1935.24 | Pull rope | Soft-Fiber Polyester |
| 5212F | E-114B | 78 | RGS Conduit | | 1935.24 | Pull rope | Soft-Fiber Polyester |
| 5217G | E-114B | 78 | RGS Conduit | | 1935.24 | Pull rope | Soft-Fiber Polyester |
| 5217H | E-114B | 78 | RGS Conduit | | 1935.24 | Pull rope | Soft-Fiber Polyester |
| 5217J | E-114B | 78 | RGS Conduit | | 1935.24 | Pull rope | Soft-Fiber Polyester |
| 5217K | E-114B | 78 | RGS Conduit | | 1935.24 | Pull rope | Soft-Fiber Polyester |
| 5217L | E-114B | 78 | RGS Conduit | | 1935.24 | Pull rope | Soft-Fiber Polyester |

# CONDUIT AND TRAY SCHEDULE
# E-449DE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

DESIGN OVERSIGHT

CALCULATED/DESIGNED BY | CHECKED BY | DATE | REVISED BY | DATE REVISED

LAST REVISION 00-00-00 | DATE PLOTTED => 3/31/2009 | TIME PLOTTED => 1:40:18 PM

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

DGN FILE =>T:\13103\MS\pse\SAS Struc\CCO\SAS CCO55\04-0120f1_0407S09.dgn
USERNAME =>garciar

CU 04251 | EA 0120F1