| DIST | COUNTY | ROUTE | KILOMETER POST TOTAL PROJECT | SHEET No | TOTAL SHEETS |
|---|---|---|---|---|---|
| 04 | SF | 80 | 13.2/13.9 | 360R1 | 1204 |

REQUEST FOR INFORMATION NOT ADDRESSED IN THIS CCO REMAIN IN FORCE

| MARK | DATE | DESCRIPTIONS | BY | CH'D | CCO# |
|---|---|---|---|---|---|
| 1 | 02/19/08 | ELECTRICAL MODIFICATIONS | MP EL | RR | 42 |

REVISIONS

CONTRACT CHANGE ORDER NO. _____
SHEET _____ OF _____

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

FOR REVISION ONLY

Caltrans Metric

12/19/02
REGISTERED ELECTRICAL ENGINEER DATE

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

12-6-04
PLANS APPROVAL DATE

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

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## CONDUIT DATA

| Conduit No | Reference | Size | Type | Total Fill (mm²) | Allowable Fill (mm²) | Included Cable No. | Conductor Type |
|---|---|---|---|---|---|---|---|
| 1735 | E-46 | 41 | RGS conduit | 0.00 | 534.55 | Pull rope | Soft-Fiber Polyester |
| 1736 | E-46 | 41 | RGS conduit | 0.00 | 534.55 | Pull rope | Soft-Fiber Polyester |
| 1737 | E-47 | 41 | RGS conduit | 0.00 | 534.55 | Pull rope | Soft-Fiber Polyester |
| 1738 | E-47 | 41 | RGS conduit | 126.88 | 534.55 | Pull rope | Soft-Fiber Polyester |
| | | | | | | UP105-3 | 1-2/C + gnd #10, 600 V, EPR insulation |
| 1739 | E-47 | 41 | RGS conduit | 126.88 | 534.55 | UP105-3 | 1-2/C + gnd #10, 600 V, EPR insulation |
| | | | | | | Pull rope | Soft-Fiber Polyester |
| 1740 | E-47 | 41 | RGS conduit | 126.88 | 534.55 | UP105-3 | 1-2/C + gnd #10, 600 V, EPR insulation |
| | | | | | | Pull rope | Soft-Fiber Polyester |
| 1741 | E-47 | 41 | RGS conduit | 126.88 | 534.55 | UP105-3 | 1-2/C + gnd #10, 600 V, EPR insulation |
| | | | | | | Pull rope | Soft-Fiber Polyester |
| 1742 | E-47 | 41 | RGS conduit | 0.00 | 534.55 | Pull rope | Soft-Fiber Polyester |
| 1743 | E-47 | 41 | RGS conduit | 0.00 | 534.55 | Pull rope | Soft-Fiber Polyester |
| 1744 | E-47 | 41 | RGS conduit | 0.00 | 534.55 | Pull rope | Soft-Fiber Polyester |
| 1745 | E-47 | 41 | RGS conduit | 440.31 | 534.55 | UP106-3 | 1-2/C + gnd #8, 600 V, EPR insulation |
| | | | | | | A-3010-2 | 3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation |
| | | | | | | Pull rope | Soft-Fiber Polyester |
| 1746 | E-48 | 41 | RGS conduit | 440.31 | 534.55 | Pull rope | Soft-Fiber Polyester |
| | | | | | | A-3010-2 | 3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation |
| | | | | | | UP106-3 | 1-2/C + gnd #8, 600 V, EPR insulation |
| 1747 | E-48 | 41 | RGS conduit | 0.00 | 534.55 | Pull rope | Soft-Fiber Polyester |
| 1748 | E-48 | 41 | RGS conduit | 0.00 | 534.55 | Pull rope | Soft-Fiber Polyester |
| 1749 | E-48 | 41 | RGS conduit | 0.00 | 534.55 | Pull rope | Soft-Fiber Polyester |
| 1750 | E-48 | 41 | RGS conduit | 0.00 | 534.55 | Pull rope | Soft-Fiber Polyester |
| 1751 | E-49 | 41 | RGS conduit | 0.00 | 534.55 | Pull rope | Soft-Fiber Polyester |
| 1752 | E-49 | 41 | RGS conduit | 0.00 | 534.55 | Pull rope | Soft-Fiber Polyester |
| 1753 | E-49 | 41 | RGS conduit | 0.00 | 534.55 | Pull rope | Soft-Fiber Polyester |
| 1754 | E-49 | 41 | RGS conduit | 0.00 | 534.55 | Pull rope | Soft-Fiber Polyester |
| 1755 | E-49 | 41 | RGS conduit | 0.00 | 534.55 | Pull rope | Soft-Fiber Polyester |
| 1756 | E-50 | 41 | RGS conduit | 0.00 | 534.55 | Pull rope | Soft-Fiber Polyester |
| 1757 | E-50 | 41 | RGS conduit | 0.00 | 534.55 | Pull rope | Soft-Fiber Polyester |
| 1758 | E-50 | 41 | RGS conduit | 0.00 | 534.55 | Pull rope | Soft-Fiber Polyester |
| 1759 | E-50 | 41 | RGS conduit | 0.00 | 534.55 | Pull rope | Soft-Fiber Polyester |
| 1760 | E-50 | 41 | RGS conduit | 49.21 | 534.55 | Pull rope | Soft-Fiber Polyester |
| | | | | | | UP108-3A | 2 + 1 gnd #12,#12, 600 V, RHH/RHW insulation |
| 1761 | E-50 | 41 | RGS conduit | 49.21 | 534.55 | UP108-3A | 2 + 1 gnd #12,#12, 600 V, RHH/RHW insulation |
| | | | | | | Pull rope | Soft-Fiber Polyester |
| 1762 | E-50 | 41 | RGS conduit | 373.50 | 534.55 | 1106 | 1-3/C + gnd #6, 600 V, EPR insulation |
| | | | | | | UP108-3A | 2 + 1 gnd #12,#12, 600 V, RHH/RHW insulation |
| | | | | | | Pull rope | Soft-Fiber Polyester |
| 1763 | E-51 | 41 | RGS conduit | 324.29 | 534.55 | Pull rope | Soft-Fiber Polyester |
| | | | | | | 1106 | 1-3/C + gnd #6, 600 V, EPR insulation |
| 1764 | E-51 | 41 | RGS conduit | 0.00 | 534.55 | Pull rope | Soft-Fiber Polyester |
| 1765 | E-51 | 41 | RGS conduit | 324.29 | 534.55 | 1106 | 1-3/C + gnd #6, 600 V, EPR insulation |
| | | | | | | Pull rope | Soft-Fiber Polyester |

## CONDUIT DATA

| Conduit No | Reference | Size | Type | Total Fill (mm²) | Allowable Fill (mm²) | Included Cable No. | Conductor Type |
|---|---|---|---|---|---|---|---|
| 1766 | E-79 | 53 | RGS-PVC coated conduit | 754.18 | 879.42 | Pull rope | Soft-Fiber Polyester |
| | | | | | | 1115 | 1-3/C + gnd #1/0, 600 V, EPR insulation |
| 1767 | E-79 | 53 | RGS-PVC coated conduit | 147.25 | 879.42 | Pull rope | Soft-Fiber Polyester |
| | | | | | | 1115-2 | 1-3/C #16, 600 V, EPR insulation |
| | | | | | | 1115-1 | 1-3/C #14, 600 V, EPR insulation |
| 1768 | E-120, E-101 | 78 | RGS-PVC coated conduit | 882.89 | 1935.24 | Pull rope | Soft-Fiber Polyester |
| | | | | | | 1117 | 1-3/C + gnd #2/0, 600 V, EPR insulation |
| 1769 | E-120, E-101 | 27 | RGS-PVC coated conduit | 147.25 | 229.03 | 1117-2 | 1-3/C #16, 600 V, EPR insulation |
| | | | | | | Pull rope | Soft-Fiber Polyester |
| | | | | | | 1117-1 | 1-3/C #14, 600 V, EPR insulation |
| 1 ~~1831~~ | | | | | | | |
| 1832 | E-46 | 41 | RGS conduit | 474.91 | 534.55 | A-1035-1 | 1-3/C + gnd #6, 600V, EPR insulation |
| | | | | | | UP104-3A | 2 + 1gnd #12,#12, 600 V, RHH/RHW insulation |
| | | | | | | Pull rope | Soft-Fiber Polyester |
| | | | | | | S-1031-1 | 1-3/C + gnd #2, 600V, EPR insulation 1 |
| 1833 | E-46 | 41 | RGS conduit | 474.91 | 534.55 | S-1031-1 | 1-3/C + gnd #2, 600V, EPR insulation |
| | | | | | | A-1035-1 | 1-3/C + gnd #6, 600V, EPR insulation |
| | | | | | | UP104-3A | 2 + 1gnd #12,#12, 600 V, RHH/RHW insulation |
| | | | | | | Pull rope | Soft-Fiber Polyester |
| 1834 | E-46 | 41 | RGS conduit | 474.91 | 534.55 | UP104-3A | 2 + 1 gnd #12,#12, 600 V, RHH/RHW insulation |
| | | | | | | A-1035-1 | 1-3/C + gnd #6, 600V, EPR insulation 1 |
| | | | | | | Pull rope | Soft-Fiber Polyester |
| | | | | | | S-1031-1 | 1-3/C + gnd #2, 600V, EPR insulation 1 |
| 1835 | E-46 | 41 | RGS conduit | 0.00 | 534.55 | Pull rope | Soft-Fiber Polyester |
| 1836 | E-46, E-47 | 41 | RGS conduit | 0.00 | 534.55 | Pull rope | Soft-Fiber Polyester |
| 1837 | E-47 | 41 | RGS conduit | 0.00 | 534.55 | Pull rope | Soft-Fiber Polyester |
| 1838 | E-47 | 41 | RGS conduit | 212.85 | 534.55 | A-3009-2 | 3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation |
| | | | | | | Pull rope | Soft-Fiber Polyester |
| 1839 | E-47 | 41 | RGS conduit | 212.85 | 534.55 | Pull rope | Soft-Fiber Polyester |
| | | | | | | A-3009-2 | 3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation |
| 1840 | E-47 | 41 | RGS conduit | 262.06 | 534.55 | A-3009-2 | 3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation |
| | | | | | | UP105-4A | 2 + 1gnd #12,#12, 600 V, RHH/RHW insulation |
| | | | | | | Pull rope | Soft-Fiber Polyester |
| 1841 | E-47 | 41 | RGS conduit | 262.06 | 534.55 | UP105-4A | 2 + 1gnd #12,#12, 600 V, RHH/RHW insulation |
| | | | | | | Pull rope | Soft-Fiber Polyester |
| | | | | | | A-3009-2 | 3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation |
| 1842 | E-47 | 41 | RGS conduit | 212.85 | 534.55 | Pull rope | Soft-Fiber Polyester |
| | | | | | | A-3009-2 | 3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation |

For continuation, see next sheet.

# CONDUIT AND TRAY SCHEDULE

E-405

| REVISED BY | DATE REVISED |
|---|---|
| PBP | 8/02 |

| CALCULATED/DESIGNED BY | CHECKED BY |
|---|---|
| AB | |

DESIGN OVERSIGHT
BEHZAD GOLEMOHAMMADI

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION 00-00-00
DATE PLOTTED => 4/4/2008
TIME PLOTTED => 5:04:23 PM