DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
04	SF	80	13.2/13.9	367 R1	1204

REQUEST FOR INFORMATION NOT ADDRESSED IN THIS CCO REMAIN IN FORCE

MARK	DATE	DESCRIPTIONS	BY	CH'D	CCO#
1	03/04/08	BARRIER MODIFICATIONS	TW	RG	44

REVISIONS

CONTRACT CHANGE ORDER NO._____
SHEET_____ OF _____

FOR REVISION ONLY

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

REGISTERED PROFESSIONAL ENGINEER FADI WALIEDDINE No. 11465 Exp. 12/31/2009 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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CONDUIT DATA

Conduit No	Reference	Size	Type	Total Fill (mm²)	Allowable Fill (mm²)	Included Cable No.	Conductor Type
2214	E-136	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
2215	E-136	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
2216	E-136	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
2217	E-136	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
2218	E-136	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
2219	E-137	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
2220	E-137	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
2221	E-137	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
2222	E-138	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
2223	E-138	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
2224	E-138	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
2225	E-138	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
2226	E-139	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
2227	E-139	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
2228	E-139	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
2229	E-139	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
2230	E-139	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
2231	E-140	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
2300	E-138	41	RGS conduit	212.85	534.55	A-2013-2	3 + 1 gnd #6,#8, 600 V RHH/RHW insulation
2301	E-138	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
2302	E-137	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
2326	E-135	41	RGS conduit	339.73	534.55	Pull rope	Soft-Fiber Polyester
						A-2011-2	3 + 1 gnd #6,#8, 600 V RHH/RHW insulation
						UP204-1	1-2/C + gnd #10, 600 V, EPR insulation
2327	E-135	41	RGS conduit	339.73	534.55	UP204-1	1-2/C + gnd #10, 600 V, EPR insulation
						A-2012-2	3 + 1 gnd #6,#8, 600 V RHH/RHW insulation
						Pull rope	Soft-Fiber Polyester
2328	E-135	41	RGS conduit	339.73	534.55	UP204-1	1-2/C + gnd #10, 600 V, EPR insulation
						Pull rope	Soft-Fiber Polyester
						S-2031-2	3 + 1 gnd #6,#8, 600 V RHH/RHW insulation
2329	E-135	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
2330	E-135	41	RGS conduit	212.85	534.55	A-2014-2	3 + 1 gnd #6,#8, 600 V RHH/RHW insulation
						Pull rope	Soft-Fiber Polyester
2331	E-135	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
2332	E-136	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
2333	E-136	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
2334	E-135	41	RGS conduit	126.88	534.55	Pull rope	Soft-Fiber Polyester
						UP205-1	1-2/C + gnd #10, 600 V, EPR insulation
2335	E-136	41	RGS conduit	339.73	534.55	A-3039-2	3 + 1 gnd #6,#8, 600 V RHH/RHW insulation
						Pull rope	Soft-Fiber Polyester
						UP205-1	1-2/C + gnd #10, 600 V, EPR insulation
2336	E-136	41	RGS conduit	339.73	534.55	Pull rope	Soft-Fiber Polyester
						UP205-1	1-2/C + gnd #10, 600 V, EPR insulation
						A-3039-2	3 + 1 gnd #6,#8, 600 V RHH/RHW insulation
2338	E-136	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
2339	E-136	41	RGS conduit	339.73	534.55	A-3040-2	3 + 1 gnd #6,#8, 600 V RHH/RHW insulation
						Pull rope	Soft-Fiber Polyester
						UP206-1	1-2/C + gnd #10, 600 V, EPR insulation

CONDUIT DATA

Conduit No	Reference	Size	Type	Total Fill (mm²)	Allowable Fill (mm²)	Included Cable No.	Conductor Type
2340	E-137	41	RGS conduit	339.73	534.55	Pull rope	Soft-Fiber Polyester
						UP206-1	1-2/C + gnd #10, 600 V, EPR insulation
						A-3040-2	3 + 1 gnd #6,#8, 600 V RHH/RHW insulation
2341	E-137	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
2346	E-138	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
2348	E-138, E-139	41	RGS conduit	481.21	534.55	S-2031-4	3+1gnd #4,#8, 600V, RHH/RHW insulation
						Pull rope	Soft-Fiber Polyester
						A-2035-4	3 + 1 gnd #6,#8, 600 V RHH/RHW insulation
2350	E-139	41	RGS conduit	425.70	534.55	Pull rope	Soft-Fiber Polyester
						A-2035-4	3 + 1 gnd #6,#8, 600 V RHH/RHW insulation
						S-2032-2	3 + 1 gnd #6,#8, 600 V RHH/RHW insulation
2353	E-139	41	RGS conduit	425.70	534.55	S-2032-2	3 + 1 gnd #6,#8, 600 V RHH/RHW insulation
						Pull rope	Soft-Fiber Polyester
						A-2035-4	3 + 1 gnd #6,#8, 600 V RHH/RHW insulation
2355	E-140	41	RGS conduit	425.70	534.55	A-2035-4	3 + 1 gnd #6,#8, 600 V RHH/RHW insulation
						Pull rope	Soft-Fiber Polyester
						S-2032-2	3 + 1 gnd #6,#8, 600 V RHH/RHW insulation
2357	E-140	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
2358	E-139	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
2359	E-137	41	RGS conduit	126.88	534.55	UP206-1	1-2/C + gnd #10, 600 V, EPR insulation
						Pull rope	Soft-Fiber Polyester
2360	E-138	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
2361	E-136	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
2364	E-137	41	RGS conduit	212.85	534.55	LP220-2,4A	3 + 1 gnd #6,#8, 600 V RHH/RHW insulation
2368	E-135	41	RGS conduit	212.85	534.55	LP219-2,4A	3 + 1 gnd #6,#8, 600 V RHH/RHW insulation
2369	E-135	41	RGS conduit	212.85	534.55	LP219-2,4A	3 + 1 gnd #6,#8, 600 V RHH/RHW insulation
2370	E-135	41	RGS conduit	212.85	534.55	LP219-2,4A	3 + 1 gnd #6,#8, 600 V RHH/RHW insulation
2371	E-135	41	RGS conduit	212.85	534.55	LP219-6,8A	3 + 1 gnd #6,#8, 600 V RHH/RHW insulation
2372	E-135	41	RGS conduit	212.85	534.55	LP219-6,8A	3 + 1 gnd #6,#8, 600 V RHH/RHW insulation
2373	E-135	41	RGS conduit	212.85	534.55	LP219-6,8A	3 + 1 gnd #6,#8, 600 V RHH/RHW insulation
2374	E-135	41	RGS conduit	212.85	534.55	LP219-6,8A	3 + 1 gnd #6,#8, 600 V RHH/RHW insulation
2375	E-136	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
2376	E-136	41	RGS conduit	212.85	534.55	LP220-2,4A	3 + 1 gnd #6,#8, 600 V RHH/RHW insulation

For continuation, see next sheet.

CONDUIT AND TRAY SCHEDULE

E-412

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

DESIGN OVERSIGHT
BEHZAD GOLEMOHAMMADI

CALCULATED/ DESIGNED BY	PBP	DATE 8/02	REVISED BY
CHECKED BY	AB	8/02	DATE REVISED

LAST REVISION 00-00-00
DATE PLOTTED => 5/22/2008
TIME PLOTTED => 11:01:45 AM