

**Meeting of the Central Valley Flood Protection Board  
January 26, 2012**

**Staff Report – Encroachment Permit**

**Pacific Gas & Electric Company (PG&E)  
Raise Power Line Crossings, Yuba County**

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**1.0 – ITEM**

Consider approval of Permit No. 18577-1 (Attachment B)

**2.0 – APPLICANT**

Pacific Gas & Electric (PG&E)

**3.0 – LOCATION**

The project is located along the left (south) bank levee of the Yuba River.  
(Yuba River, Yuba County, see Attachment A)

**4.0 – DESCRIPTION**

Applicant requests Board authorization of three existing Pacific Gas & Electric (PG&E) power line crossings and to replace existing poles on both the landside and waterside of the levee with taller poles to raise all three of the power line crossing heights.

## **5.0 – PROJECT ANALYSIS**

The project is required as part of the Upper Yuba Levee Improvement Project which was approved under Permit 18577. The permit includes authorization of three existing PG&E power line crossings that were not previously permitted. The work required is to remove existing power poles on both the land side and water side of the levee at each of the three locations and replace them with taller poles to provide appropriate height of the wire crossings above the levee patrol road. (See attachment C)

The three power line crossings are along Simpson-Dantoni Road at project Stations 146+08, 164+37 and 254+85.

The power line crossings conform to current Title 23 standards.

### **5.1 – Hydraulic Analysis**

A hydraulic analysis is not needed as the existing poles are being replaced with taller poles and no new poles being added.

### **5.2 – Geotechnical Analysis**

A geotechnical analysis is not needed for replacement of power poles.

## **6.0 – AGENCY COMMENTS AND ENDORSEMENTS**

The comments and endorsements associated with this project, from all pertinent agencies are shown below:

Reclamation District 784 has endorsed this project in a letter dated 8-2-2011 which is attached to the permit as Exhibit A and is included by reference.

The U. S. Army Corps of Engineers 208.10 letter has not yet been received for this application. Upon receipt of a favorable letter and review by Board staff the letter will be incorporated into the permit as Exhibit B.

## **7.0 – CEQA ANALYSIS**

Board staff has prepared the following CEQA Findings:

Three Rivers Levee Improvement Authority, as the Lead Agency under CEQA, has prepared the Initial Study, Mitigated Negative Declaration (IS/MND) (State Clearinghouse No: 2010022039, February 2010) and Mitigation Monitoring and Reporting Plan (MMRP) for the Upper Yuba Levee Improvement Project. These documents including project design and Three Rivers Levee Improvement Authority resolutions may be viewed or downloaded from the Central Valley Flood Protection Board website at <http://www.cvfpb.ca.gov/meetings/2012/01-27-2012.cfm> under a link for this agenda item. The documents are also available for review in hard copy at the Board and TRLIA offices.

The Board, as a Responsible Agency under CEQA, independently reviewed the Upper Yuba Levee Improvement Project IS/MND. The IS/MND considered impacts to utilities, including relocation of existing PG&E poles. The Three Rivers Levee Improvement Authority determined that the project would not have a significant effect on the environment and adopted Resolution 2010-01 on April 20, 2010. Board staff finds that although the proposed project could have a potentially significant effect on the environment, there will not be a significant effect in this case because revisions in the project have been made by or agreed to by the project proponent. The project proponent has incorporated mandatory mitigation measures into the project plans to avoid identified impacts or to mitigate such impacts to a point where no significant impacts will occur. These mitigation measures are included in the project proponent's MMRP and address impacts to air quality, biological resources, cultural resources and geology, hazardous materials, hydrology, noise, and transportation. The description of the mitigation measures are further described in the adopted MMRP.

## **8.0 – SECTION 8610.5 CONSIDERATIONS**

1. Evidence that the Board admits into its record from any party, State or local public agency, or nongovernmental organization with expertise in flood or flood plain management:

The Board will make its decision based on the evidence in the permit application and attachments, this staff report, and any other evidence presented by any individual or group.

2. The best available science that related to the scientific issues presented by the executive officer, legal counsel, the Department or other parties that raise credible scientific issues.

The accepted industry standards for the work proposed under this permit as regulated by Title 23 have been applied to the review of this permit.

3. Effects of the decision on the entire State Plan of Flood Control:

There are no effects on the entire State Plan of Flood Control.

4. Effects of reasonable projected future events, including, but not limited to, changes in hydrology, climate, and development within the applicable watershed:

There should be no effects to the project resulting from reasonable projected future events.

**9.0 – STAFF RECOMMENDATION**

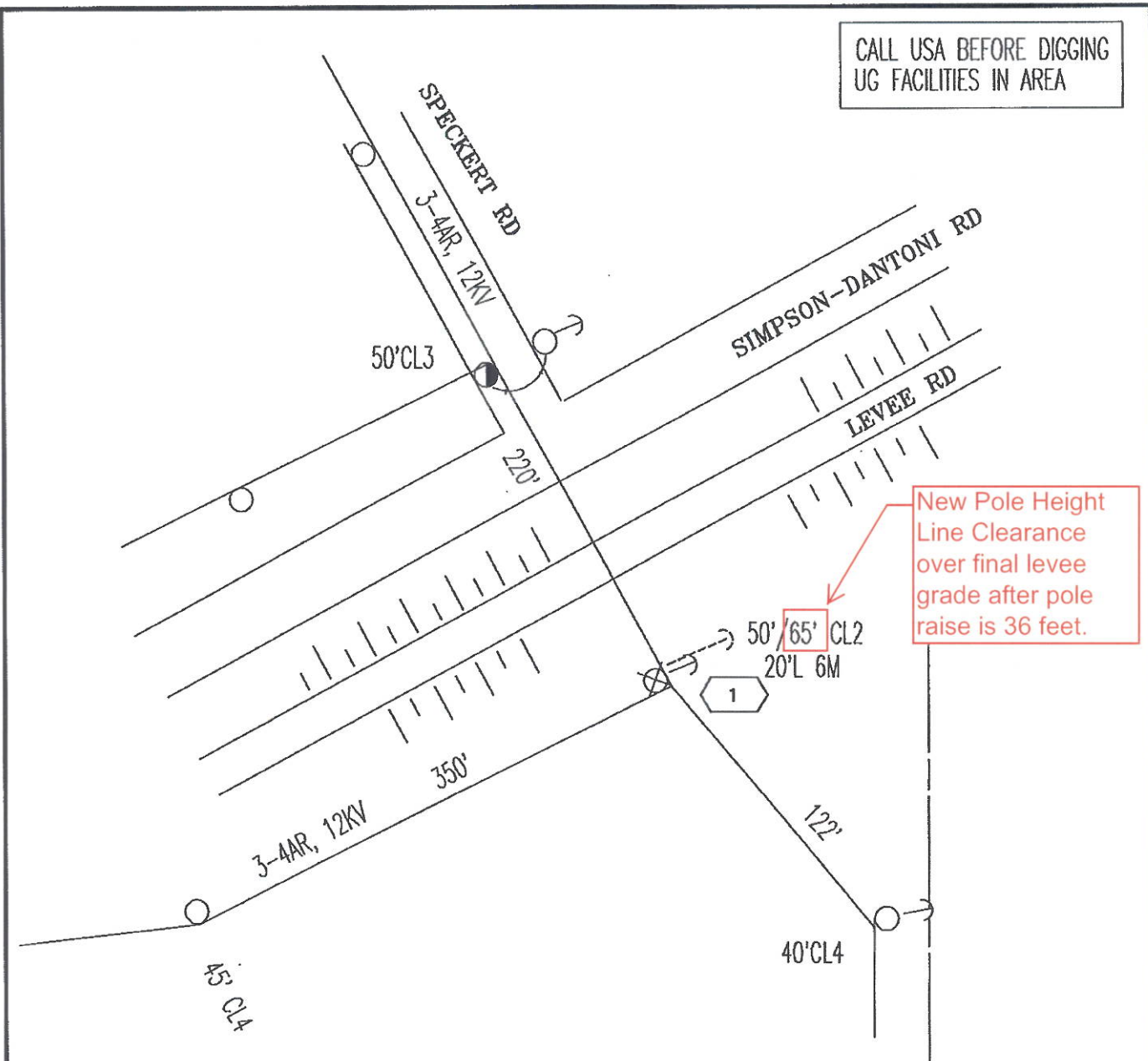
Staff recommends that the Board adopt the CEQA findings and direct staff to file a Notice of Determination with the State Clearinghouse and upon receipt of a letter from the USACE indicating no objections to the project, direct the Executive Officer to issue the permit.

**10.0 – LIST OF ATTACHMENTS**

- A. Location Maps and photos
- B. Draft Permit No. 18577-1
- C. Work Authorization Letter

Design Review:	Steve Dawson
Environmental Review:	James Herota and Andrea Mauro
Document Review:	Mitra Emami P.E., Len Marino P.E.

CALL USA BEFORE DIGGING  
UG FACILITIES IN AREA



New Pole Height  
Line Clearance  
over final levee  
grade after pole  
raise is 36 feet.

REPLACE FOR HIGHER CLEARANCE OVER LEVEE ROAD

NEW POLE 1 N 2177039.86  
E 6692687.31

P-24-3  
SSD-37741  
MARYSVILLE 201-1108  
EE-6-2D

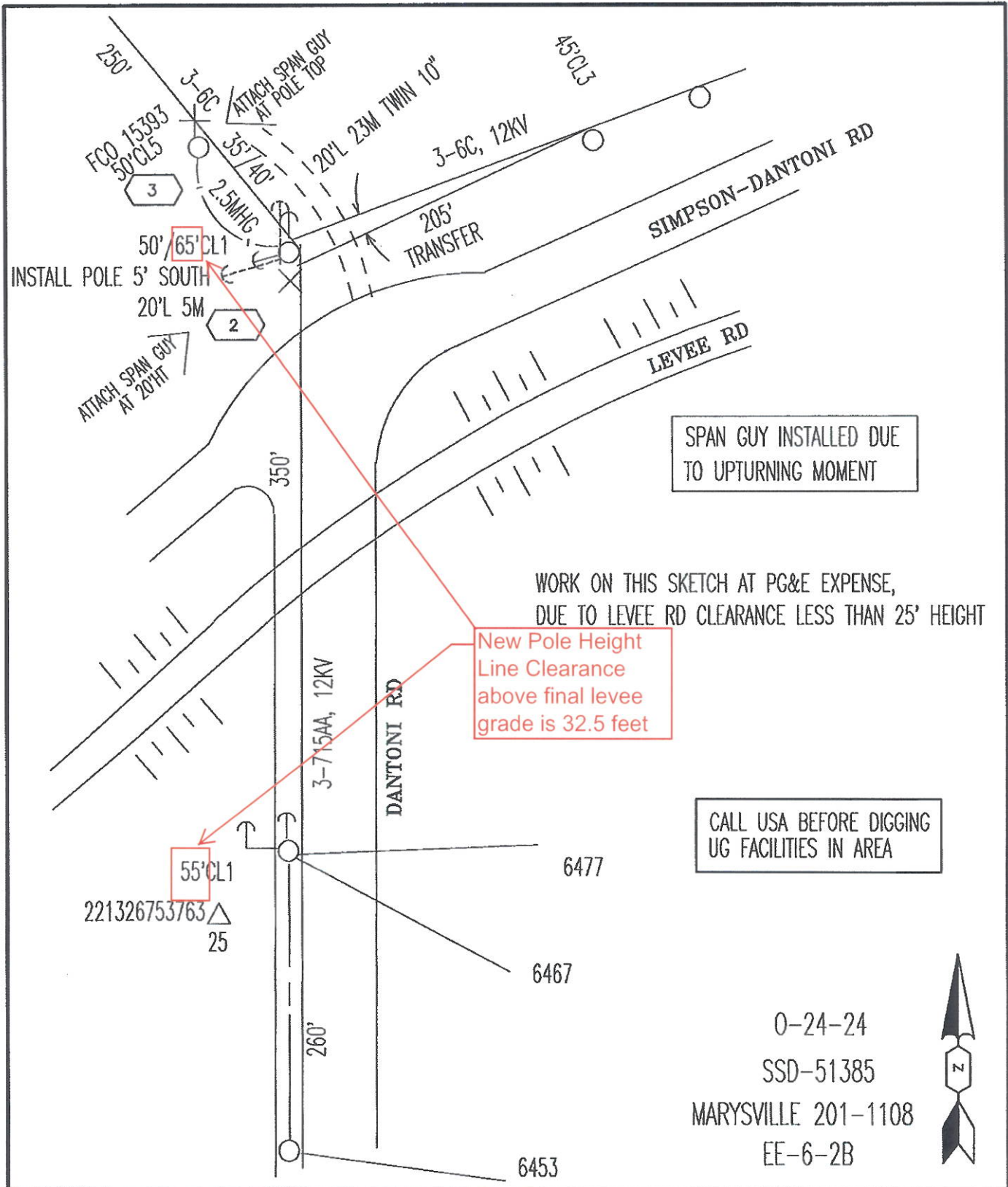


EST: PCP4  
ADE: PATTY UNANGST  
SUPV: MIKE WILLIAMS  
REP: JOSH DEADMORE  
PLNR:  
SCALE: NONE    DATE: 5-12-11



**TRIA**  
DANTONI RD, MARYSVILLE  
RELT POLES  
PACIFIC GAS AND ELECTRIC COMPANY

CO:  
SD:  
NOTIF:  
OTHER:  
SHT: 1 OF 3    SHEETS  
PM: 30851591    REV.



SPAN GUY INSTALLED DUE TO UPTURNING MOMENT

WORK ON THIS SKETCH AT PG&E EXPENSE, DUE TO LEVEE RD CLEARANCE LESS THAN 25' HEIGHT  
 New Pole Height Line Clearance above final levee grade is 32.5 feet

CALL USA BEFORE DIGGING UG FACILITIES IN AREA

0-24-24  
 SSD-51385  
 MARYSVILLE 201-1108  
 EE-6-2B



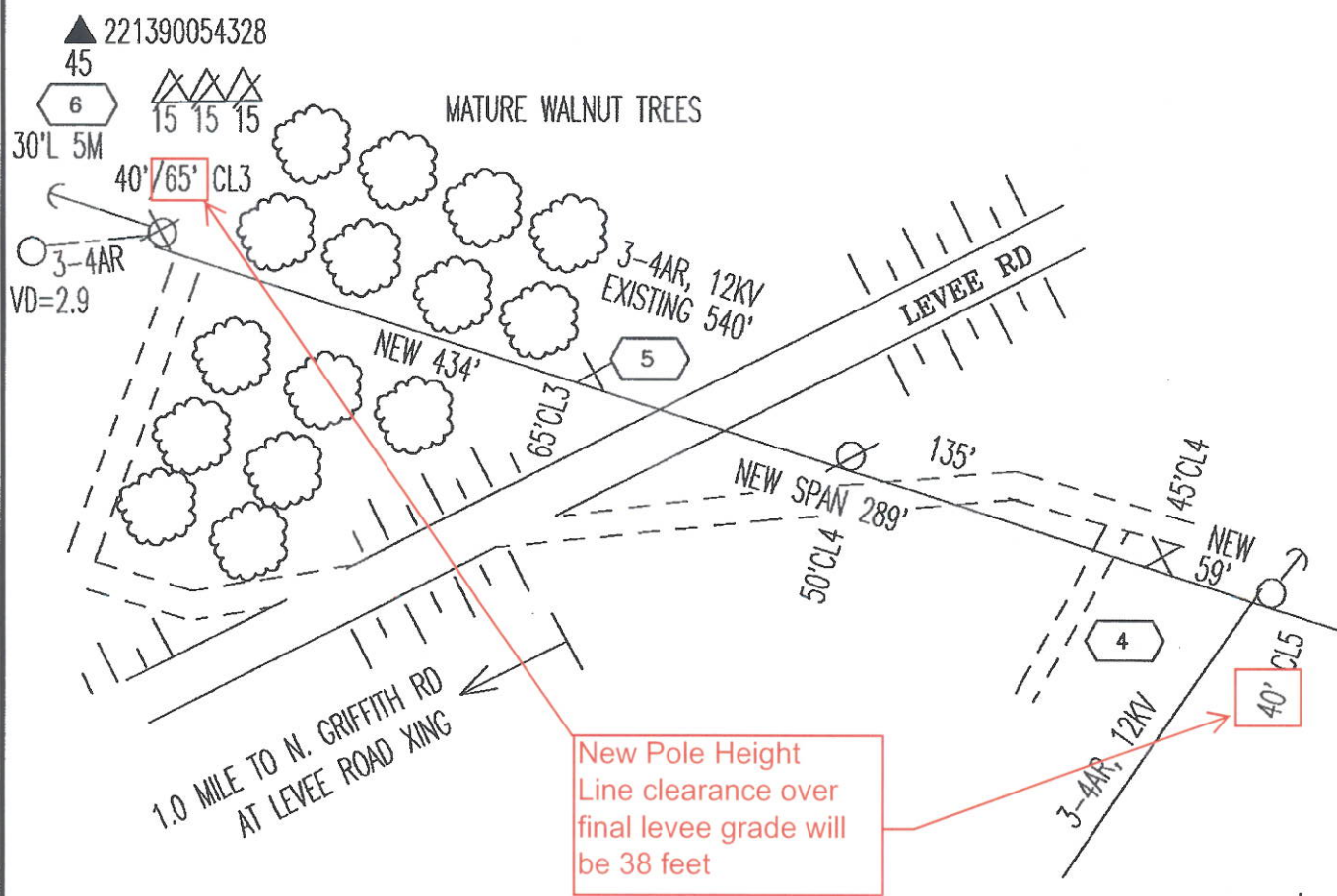
EST:	PCP4
ADE:	PATTY UNANGST
SUPV:	MIKE WILLIAMS
REP:	JOSH DEADMORE
PLNR:	
SCALE:	NONE
DATE:	5-12-11



**TRIA**  
 DANTONI RD, MARYSVILLE  
 RELT POLES  
 PACIFIC GAS AND ELECTRIC COMPANY

CO:	
SD:	
NOTIF:	
OTHER:	
SHT:	2 OF 3 SHEETS
PM:	30851591
REV:	

CALL USA BEFORE DIGGING  
UG FACILITIES IN AREA



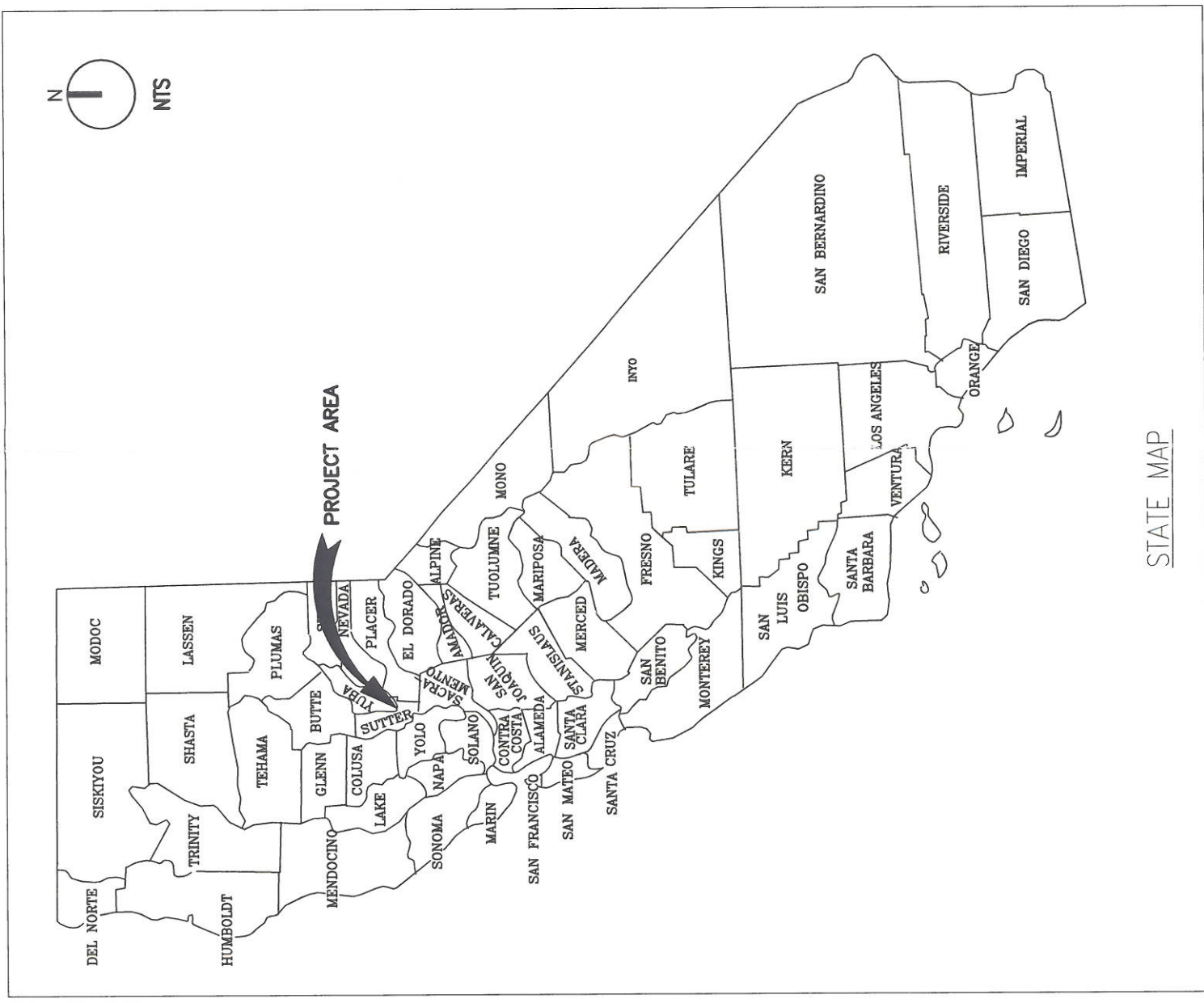
0-25-11  
SSD-15373  
MARYSVILLE 201-1108  
EE-7

EST:	PCP4
ADE:	PATTY UNANGST
SUPV:	MIKE WILLIAMS
REP:	JOSH DEADMORE
PLNR:	
SCALE:	NONE
DATE:	5/12/11



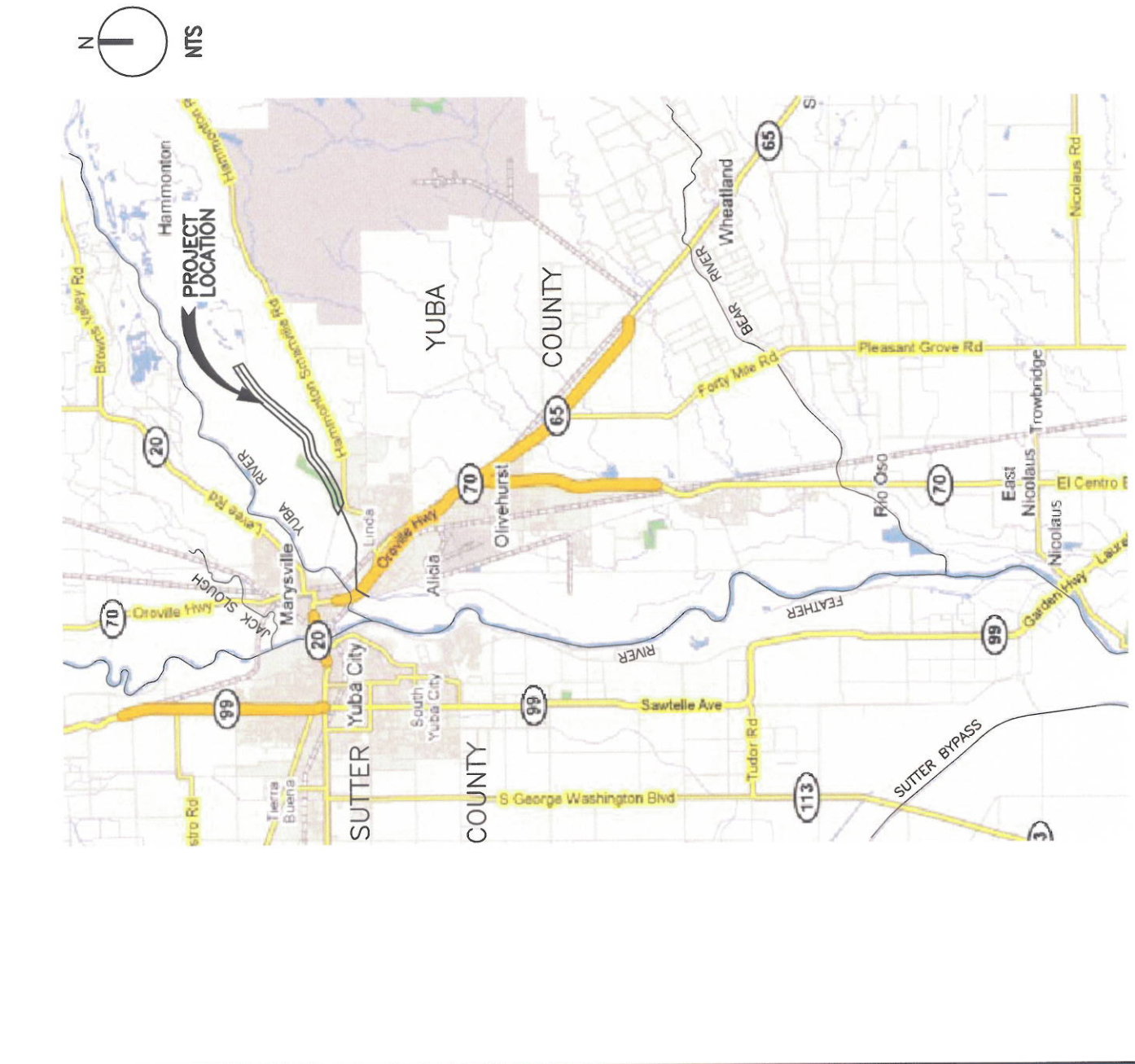
**TRIA**  
SEMINOLE LN, MARYSVILLE  
RELT POLES  
PACIFIC GAS AND ELECTRIC COMPANY

CO:	
SD:	
NOTIF:	
OTHER:	
SHT:	3 of 3 SHEETS
PM:	30851591
REV.	



STATE MAP

Figure 1  
Project Location and Vicinity



SITE MAP





**PROJECT SURVEY CONTROL**

AERIAL BY: ANDREGG GEOMATICS  
 DATE OF AERIAL PHOTOGRAPHY: 10/28/09  
 AERIAL MAPPING COMPILED AT 1"=40' WITH A 1' CONTOUR INTERVAL  
 HORIZONTAL DATUM: NAD83 CCS83 ZONE 2  
 MEAN COMBINATION FACTOR (CF): 0.99911285  
 VERTICAL DATUM: NGVD29  
 PROPERTY BOUNDARY SURVEY BY: CTA  
 DATE OF SURVEY: 03/02/2010

PT ID	NORTH	EAST	MON EL	DESCRIPTION
0204-1	2,181,084.16	6,698,489.28	85.08	1.5" GIP
13828-03	2,175,419.21	6,669,092.15	69.51	SURVEY NAIL
13828-04	2,175,763.59	6,690,197.25	79.50	0.5" REBAR FLUSH
13828-09	2,178,082.33	6,693,847.02	82.31	0.5" REBAR FLUSH
13828-16	2,179,092.98	6,697,380.64	74.34	1.5" REBAR FLUSH
13828-30	2,185,962.94	6,704,693.14	81.83	1.5" REBAR FLUSH
13828-36	2,178,541.61	6,694,638.20	75.83	SURVEY NAIL
6-16	2,178,208.33	6,694,056.04	81.91	1.5" STEEL PIN
6-18	2,178,758.13	6,696,132.58	84.86	5/8" REBAR & CAP
6-21	2,181,084.16	6,698,498.25	85.03	1 1/2" GIP
6-22	2,183,626.22	6,700,664.01	89.95	1.5" STEEL PIN
6-23	2,184,976.07	6,702,098.23	91.31	1.5" STEEL PIN
6-24	2,185,899.68	6,703,443.16	93.73	1.5" ROD



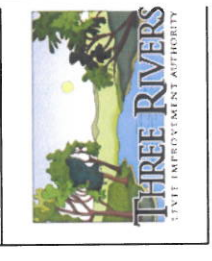
**ISSUED FOR BID  
 APRIL 11, 2011**

**PLAN**  
 SCALE = 1" = 800'

PROJECT MANAGER	J. MACK
DESIGNED BY	L. JONES
DRAWN BY	R. DOUGLAS
CHECKED BY	B. JOHNSON
TECHNICAL LEAD	D. JABBOUR
PROJECT NUMBER	201064-91273



Three Rivers Levee Improvement Authority  
 TRLIA Phase 4  
 Yuba River South Levee  
 Upper Yuba Levee Improvement Project  
 (PLM 2.2 to 6.1 / STA 102+00 to 303+59)

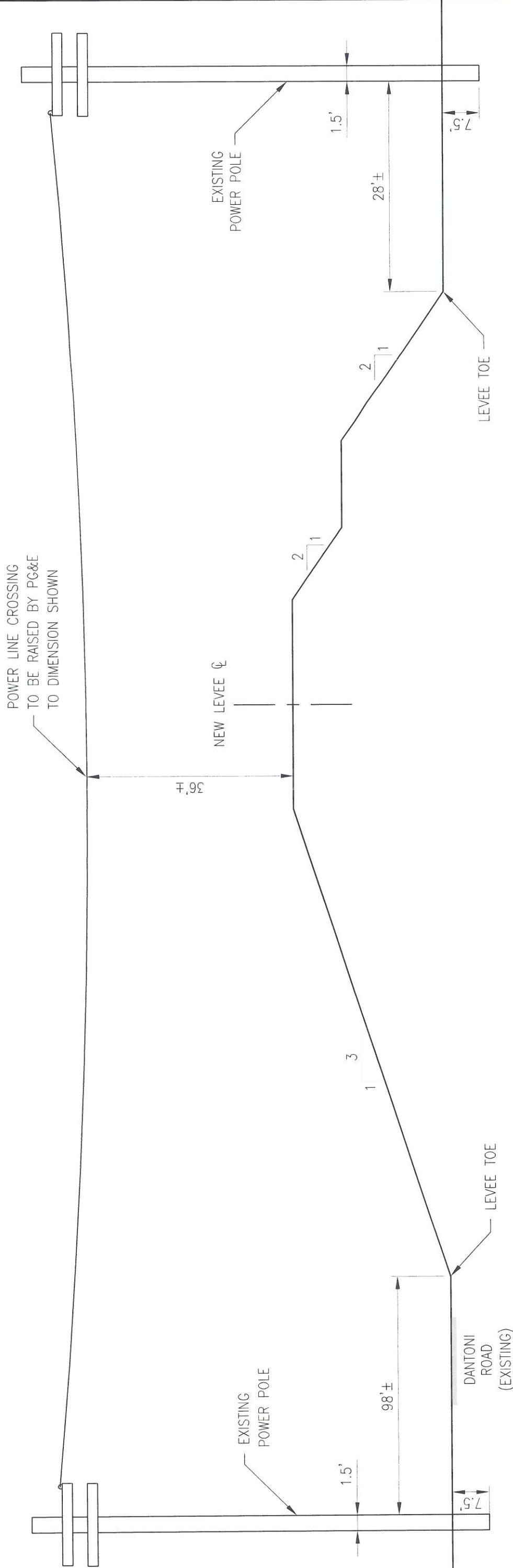


ISSUE	DATE	DESCRIPTION

SURVEY CONTROL AND LEVEE STATIONING	
FILENAME	006-005.dwg
SCALE	AS SHOWN
SHEET	G-005

LANDSIDE

WATERSIDE



HDR RESPONSIBLE FOR  
LEVEE DESIGN ONLY (AS  
OUTLINED IN THE TRLIA  
PHASE 4 YUBA RIVER  
SOUTH LEVEE UPPER  
YUBA LEVEE IMPROVEMENT  
PROJECT PLANS).

NOTE:  
HDR PROVIDED A TYPICAL LEVEE LAYOUT TO PG&E. PG&E  
PROVIDED THE POWER POLE/LINE DESIGN INCLUDING THE  
POWER POLE EMBEDMENT DEPTH AND THE POWER LINE  
CLEARANCE OVER THE TOP OF THE LEVEE. PG&E DESIGN  
SHOW HERE SCHEMATICALLY FOR REFERENCE ONLY.

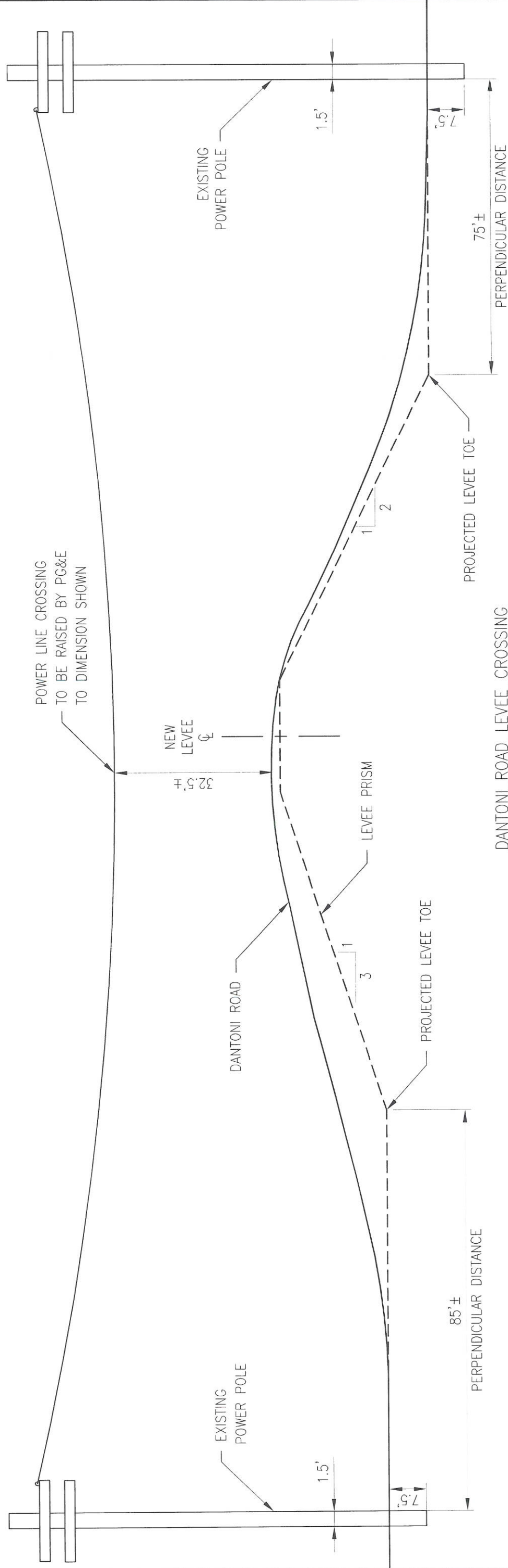
TRLIA PHASE 4, UPPER YUBA LEVEE  
IMPROVEMENT PROJECT  
(SIMPSON LANE TO YUBA GOLDFIELDS)

POWER LINE CROSSING AT STA 146+08  
FIG 2



LANDSIDE

WATERSIDE



- NOTE:
- HDR PROVIDED A TYPICAL LEVEE LAYOUT TO PG&E. PG&E PROVIDED THE POWER POLE/LINE DESIGN INCLUDING THE POWER POLE EMBEDMENT DEPTH AND THE POWER LINE CLEARANCE OVER THE TOP OF THE LEVEE. PG&E DESIGN SHOW HERE SCHEMATICALLY FOR REFERENCE ONLY.
  - ROAD AND POWER LINE CROSSING NOT PERPENDICULAR TO LEVEE.



HDR RESPONSIBLE FOR LEVEE DESIGN ONLY (AS OUTLINED IN THE TRLIA PHASE 4 YUBA RIVER SOUTH LEVEE UPPER YUBA LEVEE IMPROVEMENT PROJECT PLANS).

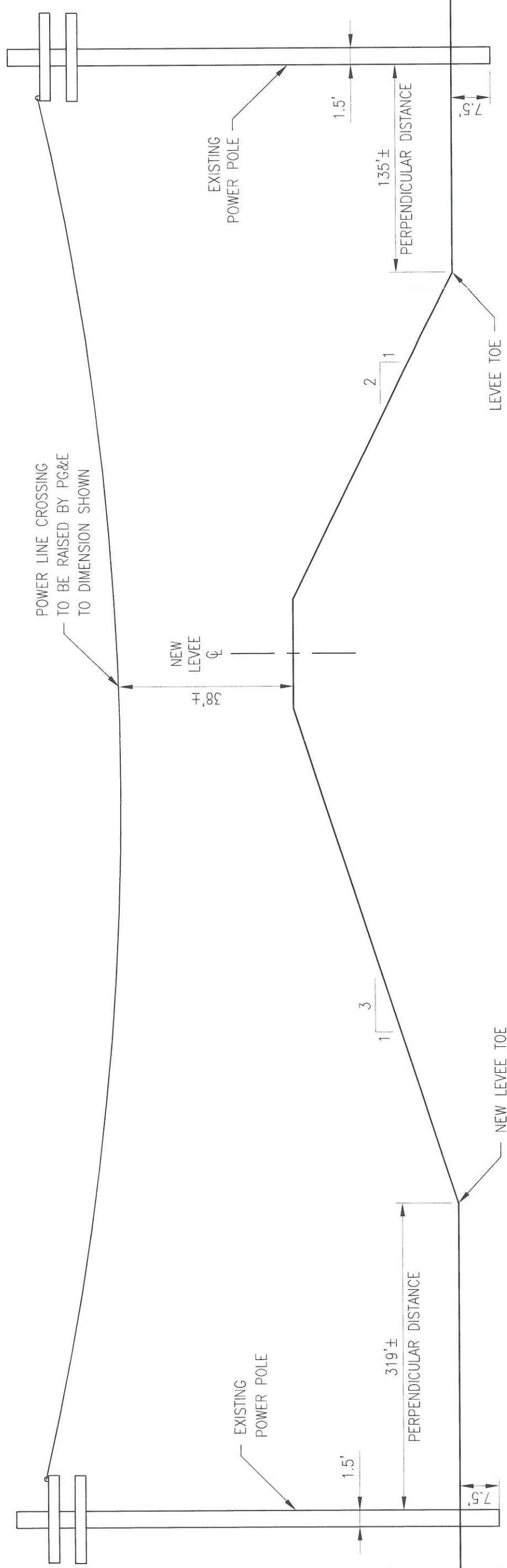
TRLIA PHASE 4, UPPER YUBA LEVEE IMPROVEMENT PROJECT (SIMPSON LANE TO YUBA GOLDFIELDS)

POWER LINE CROSSING AT STA 164+37  
 FIG 3

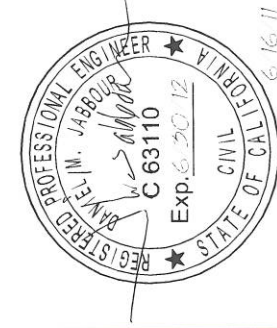


LANDSIDE

WATERSIDE



- NOTE:
- HDR PROVIDED A TYPICAL LEVEE LAYOUT TO PG&E. PG&E PROVIDED THE POWER POLE/LINE DESIGN INCLUDING THE POWER POLE EMBEDMENT DEPTH AND THE POWER LINE CLEARANCE OVER THE TOP OF THE LEVEE. PG&E DESIGN SHOW HERE SCHEMATICALLY FOR REFERENCE ONLY.
  - OVERHEAD CROSSING NOT PERPENDICULAR TO LEVEE.



HDR RESPONSIBLE FOR LEVEE DESIGN ONLY (AS OUTLINED IN THE TRLIA PHASE 4 YUBA RIVER SOUTH LEVEE UPPER YUBA LEVEE IMPROVEMENT PROJECT PLANS).

TRLIA PHASE 4, UPPER YUBA LEVEE IMPROVEMENT PROJECT (SIMPSON LANE TO YUBA GOLDFIELDS)

POWER LINE CROSSING AT STA 254+85  
**FIG 4**





Station 146+08 Looking East



Station 146+08 Looking East



Station 164+37 Looking West



Station 164+37 Looking East Waterside



Station 164+37 Looking East Landside



Station 254+85 Looking East



**DRAFT**

STATE OF CALIFORNIA  
THE RESOURCES AGENCY  
**THE CENTRAL VALLEY FLOOD PROTECTION BOARD**

**PERMIT NO. 18577-1 BD**

**This Permit is issued to:**

PG&E  
2730 Gateway Oaks Drive  
Sacramento, California 95833

To authorize three existing Pacific Gas & Electric (PG&E) power line crossings; to replace existing poles on both the landside and waterside of the levee with taller poles to raise all three of the power line crossing heights. The project is located along the left (south) bank levee of the Yuba River at three locations that are along Simpson-Dantoni Road in between Dunning Avenue and Bryden Road (Section 15 & 21, T15N, R4E, MDB&M, Reclamation District 784, Yuba River, Yuba County).

**NOTE:** Special Conditions have been incorporated herein which may place limitations on and/or require modification of your proposed project as described above.

**(SEAL)**

Dated: \_\_\_\_\_

\_\_\_\_\_  
Executive Officer

**GENERAL CONDITIONS:**

**ONE:** This permit is issued under the provisions of Sections 8700 – 8723 of the Water Code.

**TWO:** Only work described in the subject application is authorized hereby.

**THREE:** This permit does not grant a right to use or construct works on land owned by the Sacramento and San Joaquin Drainage District or on any other land.

**FOUR:** The approved work shall be accomplished under the direction and supervision of the State Department of Water Resources, and the permittee shall conform to all requirements of the Department and The Central Valley Flood Protection Board.

**FIVE:** Unless the work herein contemplated shall have been commenced within one year after issuance of this permit, the Board reserves the right to change any conditions in this permit as may be consistent with current flood control standards and policies of The Central Valley Flood Protection

Board.

**SIX:** This permit shall remain in effect until revoked. In the event any conditions in this permit are not complied with, it may be revoked on 15 days' notice.

**SEVEN:** It is understood and agreed to by the permittee that the start of any work under this permit shall constitute an acceptance of the conditions in this permit and an agreement to perform work in accordance therewith.

**EIGHT:** This permit does not establish any precedent with respect to any other application received by The Central Valley Flood Protection Board.

**NINE:** The permittee shall, when required by law, secure the written order or consent from all other public agencies having jurisdiction.

**TEN:** The permittee is responsible for all personal liability and property damage which may arise out of failure on the permittee's part to perform the obligations under this permit. If any claim of liability is made against the State of California, or any departments thereof, the United States of America, a local district or other maintaining agencies and the officers, agents or employees thereof, the permittee shall defend and shall hold each of them harmless from each claim.

**ELEVEN:** The permittee shall exercise reasonable care to operate and maintain any work authorized herein to preclude injury to or damage to any works necessary to any plan of flood control adopted by the Board or the Legislature, or interfere with the successful execution, functioning or operation of any plan of flood control adopted by the Board or the Legislature.

**TWELVE:** Should any of the work not conform to the conditions of this permit, the permittee, upon order of The Central Valley Flood Protection Board, shall in the manner prescribed by the Board be responsible for the cost and expense to remove, alter, relocate, or reconstruct all or any part of the work herein approved.

#### **SPECIAL CONDITIONS FOR PERMIT NO. 18577-1 BD**

**THIRTEEN:** If the construction project extends onto land owned in fee and/or easement by the Sacramento and San Joaquin Drainage District acting by and through the Central Valley Flood Protection Board (Board), the permittee should secure an easement, license, or temporary entry permit from the Board prior to commencement of work. Contact Angelica Aguilar at (916) 653-5782.

**FOURTEEN:** All work approved by this permit shall be in accordance with the submitted drawings and specifications except as modified by special permit conditions herein. No further work, other than that approved by this permit, shall be done in the area without prior approval of the Central Valley Flood Protection Board.

**FIFTEEN:** The permittee shall maintain the permitted encroachment(s) and the project works within the utilized area in the manner required and as requested by the authorized representative of the Department of Water Resources, reclamation District 784 or any other agency responsible for maintenance.

**SIXTEEN:** Upon receipt of a signed copy of the issued (not approved only) permit the permittee shall contact the Department of Water Resources by telephone, (916) 574-0609, and submit the enclosed postcard to schedule a preconstruction conference. Failure to do so at least 10 working days prior to start of work may result in delay of the project.

**SEVENTEEN:** The Central Valley Flood Protection Board, Department of Water Resources, and Reclamation District No. 784 shall not be held liable for any damages to the permitted encroachment(s) resulting from flood fight, operation, maintenance, inspection, or emergency repair.

**EIGHTEEN:** The permittee may be required, at permittee's cost and expense, to remove, alter, relocate, or reconstruct all or any part of the permitted encroachment(s) if removal, alteration,

relocation, or reconstruction is necessary as part of or in conjunction with any present or future flood control plan or project or if damaged by any cause. If the permittee does not comply, the Central Valley Flood Protection Board may remove the encroachment(s) at the permittee's expense.

NINETEEN: The permittee should contact the U.S. Army Corps of Engineers, Sacramento District, Regulatory Branch, 1325 J Street, Sacramento, California 95814, telephone (916) 557-5250, as compliance with Section 10 of the Rivers and Harbors Act and/or Section 404 of the Clean Water Act may be required.

TWENTY: The permittee shall be responsible for repair of any damages to the project levee and other flood control facilities due to construction, operation, or maintenance of the proposed project.

TWENTY-ONE: The permittee is responsible for all liability associated with construction, operation, and maintenance of the permitted facilities and shall defend, indemnify, and hold the Central Valley Flood Protection Board and the State of California; including its agencies, departments, boards, commissions, and their respective officers, agents, employees, successors and assigns (collectively, the "State"), safe and harmless, of and from all claims and damages arising from the project undertaken pursuant to this permit, all to the extent allowed by law. The State expressly reserves the right to supplement or take over its defense, in its sole discretion.

TWENTY-TWO: The permittee shall defend, indemnify, and hold the Central Valley Flood Protection Board and the State of California, including its agencies, departments, boards, commissions, and their respective officers, agents, employees, successors and assigns (collectively, the "State"), safe and harmless, of and from all claims and damages related to the Central Valley Flood Protection Board's approval of this permit, including but not limited to claims filed pursuant to the California Environmental Quality Act. The State expressly reserves the right to supplement or take over its defense, in its sole discretion.

TWENTY-THREE: If the project, or any portion thereof, is to be abandoned in the future, the permittee or successor shall abandon the project under direction of the Central Valley Flood Protection Board and Department of Water Resources, at the permittee's or successor's cost and expense.

TWENTY-FOUR: The proposed utility poles shall be located a minimum distance of 10 feet from the levee toes.

TWENTY-FIVE: A minimum clearance of 21 feet shall be provided between the levee crown and the overhead wire crossing. Power cables over 750 volts shall have a minimum clearance of 25 feet.

TWENTY-SIX: All debris that may accumulate around the pole within the floodway shall be completely removed from the floodway following each flood season.

TWENTY-SEVEN: The void left by the removal of the existing pole and subsequent replacement pole installed in the same hole shall be backfilled and compacted to a density equal to that of the adjacent undisturbed material or filled with a CLSM. If CLSM is to be used an appropriate mix design of 150 PSI +/- 50 PSI shall be submitted and approved prior to construction.

TWENTY-EIGHT: Any additional encroachment(s) within the floodway, on or over the levee section

and within 10 feet of the landward levee toe require an approved permit from the Central Valley Flood Protection Board and shall be in compliance with the Central Valley Flood Protection Board's regulations (Title 23 California Code of Regulations).

TWENTY-NINE: All debris generated by this project shall be disposed of outside the floodway and off the levee section.

THIRTY: The permittee shall comply with all conditions set forth in the letter from Reclamation District 784 dated 8-2-2011, which is attached to this permit as Exhibit A and is incorporated by reference.

THIRTY-ONE: The permittee shall comply with all conditions set forth in the letter from the Department of the Army dated January XX, 2012, which is attached to this permit as Exhibit B and is incorporated by reference.

APPLICATION FOR A RECLAMATION BOARD ENCROACHMENT PERMIT

Application No. \_\_\_\_\_ (For Office Use Only)

1. Description of proposed work:

Raise existing PG&E power lines above the levee at three locations. Power line raises will occur at Stations 146+08, 164+37, and 254+85. The lines will be raised by replacing power poles with taller poles. These poles are located off the toe of the levee. The power line raises were included in the Upper Yuba Levee Improvement Project approved as part of the approval of encroachment permit 18577 BD.

2. Location: Southeast of Marysville, Yuba County, in Section Section 15 & 21, Township: 15N (N) (S), Range 4E (W), M. D. B. & M.

3. PG&E of 2730 Gateway Oaks Drive Name of Applicant Address Sacramento CA 95833 916-704-4370 City State Zip Code Telephone Number Fax Number N/A

4. Endorsement: (of Reclamation District) We, the Trustees of RD 784 Name and District Number

approve this plan, subject to the following conditions:

- Conditions listed on back of this form [X] Conditions Attached [ ] No Conditions

Trustee [Signature] Date 5-2-11 Trustee Date

5. Names and addresses of adjacent property owners sharing a common boundary with the land upon which the contents of this application apply. If additional space is required, list names and addresses on back of the application form or an attached sheet.

See Attachment A Name Address Zip Code

Reclamation District No. 784 has the following conditions to be included on the Central Valley Flood Protection Board Encroachment Permit for the Yuba River South Levee PG&RE power pole relocation at three locations. The locations are Stations 146+08, 164+37, and 254+85 in accordance with improvement plans prepared by HDR for TRLIA. The conditions are as follows:

- All improvements shall meet or exceed Central Valley Flood Protection Board Title 23, Department of Water Resources, FEMA, and U.S Army Corps of Engineers Standards and requirements.
- All work endorsed by this permit shall be in accordance with the submitted drawings and specifications. No further work, other than approved by this permit, shall be done in the area without prior endorsement of Reclamation District No. 784.
- A copy of operation and maintenance manual shall be provided to Reclamation District No. 784 upon completion of the work. The O&M manual shall include provisions for annual inspection which meet or exceed the CVFPB, DWR, USACE, and RD 784 standards. The results of the annual inspection shall be provided to RD 784 no prior to November 1 each year.
- The encroachment permit shall include a provision that the permittee shall be required to remove or alter all or any part of the herein permitted project if removal or alteration is necessary as part of or in conjunction with any present or future flood control plan or project, or if damaged by any cause. If the permittee or successor does not comply, RD 784, USACE, and/or the CVFPB may remove or modify the herein permitted project at the permittee's expense.
- The permitted encroachment(s) shall not interfere with operation and maintenance of the flood control project. If the permitted encroachment(s) are determined by any agency responsible for operation and maintenance of the flood control project to interfere, the permittee shall be required, at permittee's or successor's sole cost and expense, to modify or remove the permitted encroachment(s).
- If the project or any portion thereof, is to be abandoned in the future, the permittee or successor shall abandon the project, at the permittee's or successor's sole cost and expense.
- A set of As-Built Mylar plans and specifications shall be provided to Reclamation District No. 784 upon completion of the work.
- A copy of the final Central Valley Flood Protection Board Permit shall be provided to Reclamation District No. 784 prior to any work.
- Reclamation District No. 784 shall be notified five (5) working days prior to any construction activities.

**CENTRAL VALLEY FLOOD PROTECTION BOARD**

3310 El Camino Ave., Rm. 151  
SACRAMENTO, CA 95821  
(916) 574-0609 FAX: (916) 574-0682  
PERMITS: (916) 574-2380 FAX: (916) 574-0682



June 17, 2011

Mr. Paul G. Brunner, P. E.  
Executive Director  
Three Rivers Levee Improvement Authority  
1114 Yuba Street, Suite 218  
Marysville, California 95901

Subject: Work Authorization for Utilities Modifications/Relocations Associated with Permit No. 18577 BD, Upper Yuba Levee Improvement Project

Dear Mr. Brunner:

The Central Valley Flood Protection Board (CVFPB) staff has reviewed your request to carry out the proposed modifications and temporary relocation of the following Pacific Gas and Electric (PG&E) natural gas and electric power lines (works) as described in your June 10, 2011 letter. Completions of these works are necessary before construction of certain segments of the Upper Yuba Levee Improvement Project (UYLIP) can begin.

1. Modify a two (2) - inch natural gas main crossing at Station 138+00 (previously approved in CVFPB Permit No. 3446);
2. Raise an existing power line crossing at Station 146+08;
3. Raise an existing power line crossing at Station 164+37;
4. Raise an existing power line crossing at Station 254+85; and
5. Temporarily relocate an existing parallel power line between Station 193+50 and 220+00 to ten (10) feet waterward off the waterside levee toe. This line will be permanently relocated fifteen (15) feet waterward off the waterside levee toe in six to eight months.

Staff has reviewed the proposed works and has no objection to the modifications and relocation of the PG&E utilities subject to the following conditions:

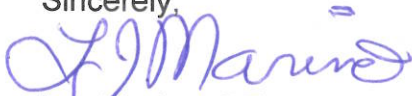
- All conditions of Permit Number 18577BD shall remain in effect.
- The Three Rivers Levee Improvement Authority (TRLIA) shall defend, indemnify, and hold the CVFPB and the State of California, including its officers, agents, and employees, safe and harmless, of and from all claims and damages related to the CVFPB's authorization of these works.
- The project work area and any damage to the levee system and other flood control structures resulting from these works shall be repaired at TRLIA's expense and shall be restored to at least the same condition that existed prior to commencement of work.

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- The State of California, its officers, agents, and employees shall not be held liable for any damages resulting from the construction of these works.
- All modifications/relocation shall be done in accordance with the submitted plans and drawings, which are attached to this letter. No further work, other than that is authorized by this letter, shall be done in the area without the prior authorization of the CVFPB.
- CVFPB acknowledges the receipt of permit application to amend the existing permit No. 3446 for modification of a two (2) - inch gas line. TRLIA shall ensure that PG&E submit separate permit applications within thirty (30) days from the date of this letter for: 1) the works to raise the three power lines running perpendicular to the levee, and 2) the permanent relocation of the 2,500 - foot power line running parallel to the levee.
- This letter of authorization does not exempt TRLIA from obtaining permits and /or authorizations from any federal, State, or local agencies that may have jurisdiction; or to comply with any requirements of the California Environmental Quality Act (CEQA).
- The Executive Officer of the CVFPB shall reserve the right to revoke this authorization upon consideration of actual field conditions.

Should you have any questions regarding this letter you can contact CVFPB staff engineer, Mr. Deb Biswas at (916) 574-2383, or via email at [dbiswas@water.ca.gov](mailto:dbiswas@water.ca.gov), or myself at (916) 574-0608 or via email at [lmario@water.ca.gov](mailto:lmario@water.ca.gov).

Sincerely,



Len Marino, PE  
Chief Engineer

Attachments: Location, Plans and Drawings (7 Plates)

cc: (Please see attached list)



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cc: Ms. Meegan Nagy, Chief  
Flood Protection & Navigation Section  
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Sacramento District  
1325 J Street  
Sacramento, California 95814-2922

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Mr. Steve Fordice, General Manager  
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Arboga, California 95961

Mr. Lon Maier  
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Sacramento, California 95833