



SOLANO COUNTY
Department of Resource Management

675 Texas Street, Suite 5500
Fairfield, CA 94533
www.solanocounty.com

Telephone No: (707) 784-6765
Fax: (707) 784-4805

Birgitta Corsello, Director
Cliff Covey, Asst Director

January 31, 2006

U.S. Army Engineer District, Sacramento
Planning Division (Attn: Ron Ganzfried)
1325 J Street
Sacramento, CA 95814

Subject: Initial Project, Collinsville Levee, Collinsville, CA;
Sacramento –San Joaquin Delta Islands & Levees, CA, CalFed Levee System Integrity Program

Dear Mr. Ganzfried:

In response to the Request for Proposals for development of potential initial project and on behalf of the Collinsville Levee District, Solano County Department of Resource Management (SCDRM) was asked by the Solano County Board of Supervisor 5th District member to prepare and submit the following information to identify the above-referenced project on behalf of the Collinsville Levee District.

Name and Purpose of Potential initial Project: Collinsville Levee retrofit project, to protect residential homes and the town of Collinsville. Levee is proposed to be raised and reinforced to reduce overtopping and erosion caused by wave and surf action.

Location: The levee is located on the Sacramento River and San Joaquin River intersection, adjacent to the Montezuma Slough. The town of Collinsville, along Collinsville Road, consists of 22 homes and is protected by the levee on the south, east, and west sides of the town.

Problems: The levee is maintained by the Collinsville Levee District that currently is not functional and receives very limited amount of money to maintain the levee on an annual basis. Lands owned by PG&E, adjacent to Collinsville are also protected by a levee owned by PG&E. On December 31, 2005 and January 1, 2006, the levee was overtopped, breached, and experienced erosion on the town side from flooding and wave action on the Sacramento River. The damages that occurred included erosion on the levee that threatened several homes. Emergency actions and repairs made by the Montezuma Fire Protection District, Collinsville home owners, and PG&E stabilized the levee from catastrophic failure. However, the repairs made were not intended to completely secure the levee. Future storms and flooding in the area will cause the levee to fail. Permanent repairs are needed to stabilize the levee from future storms and flooding and to protect private residence and the town of Collinsville.

Building & Safety
David Cliche, Chief
Building Official

Planning Services
Mike Yankovich
Program Manager

Environmental Health
Terry Schmidbauer
Program Manager

Administrative
Services
Daniel Bellem
Staff Analyst

Public Works-
Engineering
Paul Wiese
Engineering Manager

Public Works-Operations
Steve Hilas
Operations Manager

The location of Collinsville is adjacent to two main river channels that provide deep water shipping access to up-river shipping ports. As such, the Collinsville levee suffers wave action from passing vessels that have overtime damaged and cause weakening of the levee.

Opportunities: The current level of the levee allows approximately 1 to 4 feet of freeboard from the mean high tide to the top of the levee. To protect the town, the levee height should be raised and the levee be reinforced to reduce wave erosion.

Project Description: The Collinsville levee should be permanently repaired and raised to reduce erosion and future flooding of the town.

Statement of Willingness and Ability to Cost Share: Based on the request for proposal, a non-Federal share of 35% is requested for the project. Currently the Collinsville Levee District is non-functional and receives limited funds generated through annual taxes for limited levee maintenance. PG&E owns and maintains a portion of the levee adjacent to the town. During recent flooding, PG&E made emergency repairs to the privately owned portion of the levee. The repairs cost approximately \$45,000 which should be counted toward the 35% share requirement. Since PG&E maintains a portion of the levee, a partnership can be established between the Collinsville Levee District and PG &E for levee design and permanent repairs.

Point of contact & Agency Affiliation:

Vince Ferrari – Collinsville Levee District - (415) 307-9376
1092 Collinsville Road
Collinsville, CA 94585

Kenneth Richerson – PG&E - (415) 973-1336
245 Market Street, Room 1026
San Francisco, CA 94105-1702

Mailing Address:

Mail Code N10A
P.O. Box 77000
San Francisco, CA 94177-0001

Solano County Department of Resource Management – (707) 784-6765
675 Texas Street, Suite 5500
Fairfield, CA 94533

Scoping and Screening Information:

The Collinsville levee was severely damaged during the recent flooding event in December 2005 and January 2006. Although temporary repairs have been made to the levee, these repairs are not permanent. The protection of 22 residential homes and the town of Collinsville is under treat from future levee failures without permanent levee reinforcement.