

**Meeting of the Central Valley Flood Protection Board  
August 24, 2018**

**Staff Report**

**Reclamation District 3 Levee Improvement Project along Steamboat Slough  
Request to Initiate Project Review Pursuant to Title 33, USC Section 408**

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**1.0 – ITEM**

Consider approval of a letter (Attachment A) to the U.S. Army Corps of Engineers (USACE) with a "Statement of No Objection" to initiate the process under federal Title 33, USC Section 408, for the joint review, in cooperation with Reclamation District 3 and other federal agencies, of proposed alterations to the Steamboat Slough left (east) bank levee in Sacramento County.

**2.0 – PROJECT PROPONENT**

Reclamation District 3.

**3.0 – PROJECT LOCATION**

The proposed project is located along the left (east) bank of the Steamboat Slough, between approximate Levee Mile (LM) 4.76 and 4.96, on Grand Island in Sacramento County, south of the City of Sacramento and northeast of the town of Rio Vista (Attachment B).

**4.0 – PROJECT DESCRIPTION**

The purpose of this project is to remediate levee seepage issues by improving approximately 1,250 linear feet of earthen levee as part of the Department of Water Resources' (DWR) Flood System Repair Project (FSRP) program. The project will address existing critical seepage issues by constructing a three-foot wide cutoff wall from the 1957 design water surface elevation (DWSE) of approximately 16 feet NGVD to a depth of approximately 60 feet. Prior to constructing the cutoff wall, the levee will be degraded by one third of the landside levee height to provide a working surface for construction and to reduce the risk of slurry loss through the levee. The cutoff wall will be constructed using one of several typical methods including; slurry supported open

trench, vertical or horizontal mixing, or vertical chain mixing. Following construction of the cutoff wall, the levee will be reconstructed to its original geometry. The existing Grand Island Road will be reconstructed to its pre-project condition. During construction of the project the county road will be closed and require a detour. The Board is the non-federal sponsor for the project.

#### **5.0 – STAFF RECOMMENDATION**

Staff recommends the Board:

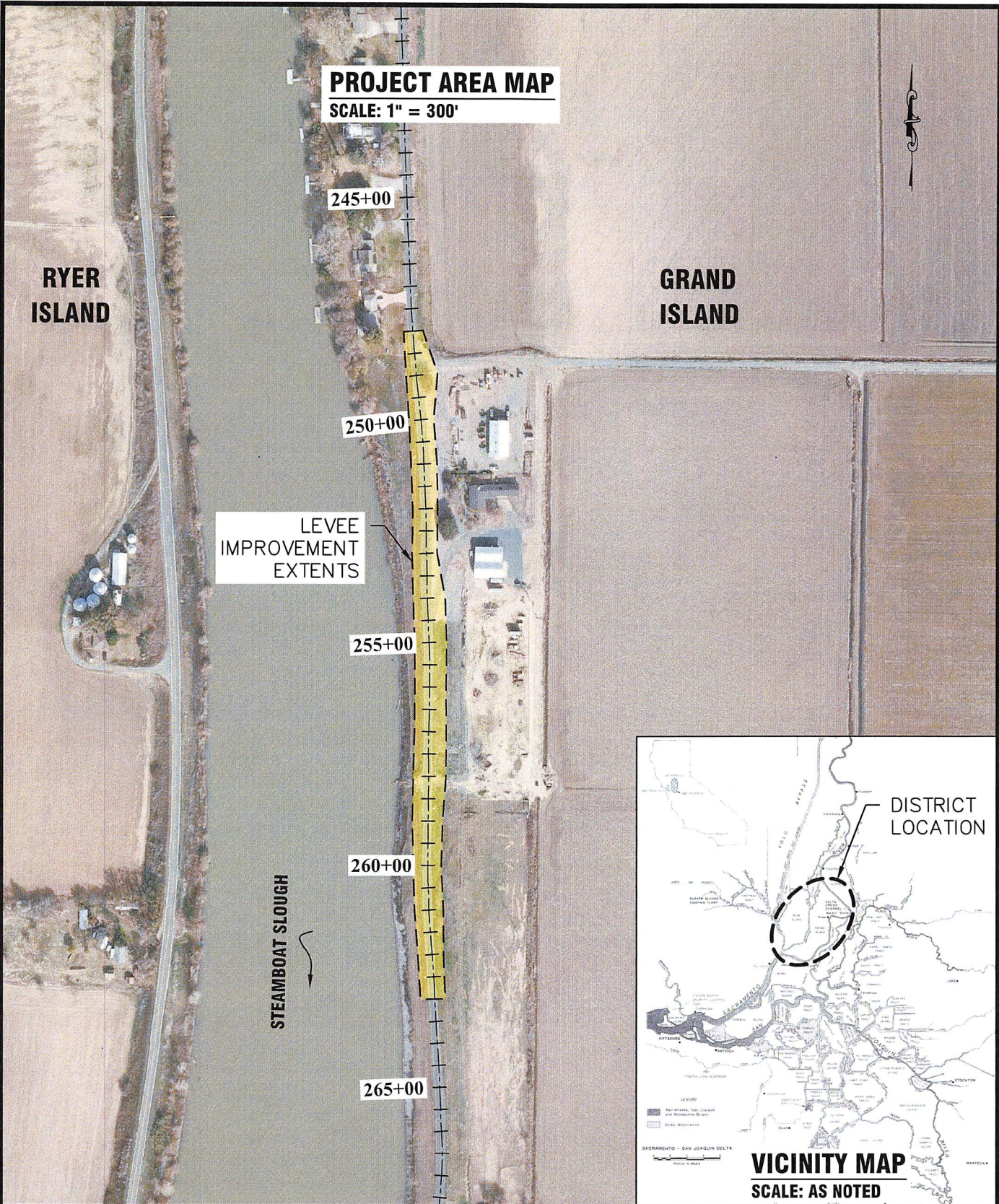
- Approve the letter to the USACE in substantially the form provided in Attachment A; and
- Delegate to the Executive Officer to sign and send the letter to the USACE

#### **6.0 – LIST OF ATTACHMENTS**

- A. Project Location Map
- B. Draft Letter to the USACE

Design Review:	Deb Biswas, Permitting Section
Document Review:	Gary W. Lemon, P.E., Permitting Section Chief
	Kelly Soule', P.E., Acting Branch Chief
	Michael C. Wright, P.E., Acting Chief Engineer
Legal Review:	Christina Morkner, Deputy Attorney General





<div><div><div><div><div><div><b>MBK</b></div><div>ENGINEERS</div></div></div><div><div><div><div><div><div>455 University Avenue, Suite 100</div><div>Sacramento, California 95825</div><div>Phone: (916) 456-4400 • Fax: (916) 456-0253</div></div></div></div></div></div></div></div></div>	RECLAMATION DISTRICT NO. 3 GRAND ISLAND		SCALE:	AS NOTED
	<b>PROJECT AREA MAP</b>		JOB NUMBER:	3900.1
			DRAWN BY:	JB
			DATE:	04/17/2018
			SHEET:	1 OF 1



**CENTRAL VALLEY FLOOD PROTECTION BOARD**

3310 El Camino Ave., Ste. 170  
SACRAMENTO, CA 95821  
(916) 574-0609 FAX: (916) 574-0682



August 16, 2018

Colonel David G Ray, PE  
District Commander  
U.S. Army Corps of Engineers, Sacramento District  
1325 J Street  
Sacramento, California 95814

Subject: Request to initiate project review pursuant to Title 33, USC Section 408 for the Reclamation District 3 Levee Alteration Project

Dear Colonel Ray:

Pursuant to Title 33, USC Section 408 (Section 408) as described by the U. S. Army Corps of Engineers (USACE) Director's Policy Memorandum (DPM CW 2018-1, Section 408 – Interim Changes for Immediate Implementation and Future Policy Revisions), the Central Valley Flood Protection Board (Board) offers a "Statement of No Objection" to initiate the Section 408 process for the joint review of possible alterations to the Steamboat Slough left (east) bank levee in Sacramento County.

As the non-federal sponsor for the project, the Board is aware of the scope of the Section 408 request and supports the request being submitted for review. The project is located along the left bank of Steamboat Slough between Levee Mile (LM) 4.76 and 4.96, on Grand Island in Sacramento County, south of the City of Sacramento and northeast of the town of Rio Vista. The enclosed request from Reclamation District (RD) 3 describes the project location along with proposed alterations.

RD 3 is proposing to alter approximately 1250 feet of the Steamboat Slough left (east) bank levee to remediate levee seepage issues as part of the Department of Water Resources' (DWR) Flood System Repair Project (FSRP) program. Alterations could include the installation of a seepage cutoff wall. Approval under Section 404 of the Clean Water Act will be required for the proposed alteration.

The proposed alteration is not part of an ongoing or authorized Federal project, and is therefore, not eligible for credit. Therefore, RD 3 is not seeking credit under Section 221 of the Flood Control Act of 1970.

The proposed project will require the use of lands owned by the non-federal sponsor, but will not require use of lands owned by USACE. The proposed alteration is not part of a System Wide Improvement Framework (SWIF) plan, although RD 3 has submitted a Letter of Intent (LOI) to develop a SWIF.

On behalf of RD 3, the Board requests USACE, in cooperation with other federal agencies, and

Colonel David G. Ray  
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RD 3, to initiate a joint review of possible alterations for the project. The Board, on behalf of RD 3, will seek approval from USACE to make necessary alterations to the levee system to achieve the project purpose.

Thank you for your attention to this request. We look forward to working with you, your staff, and RD 3 staff on this project. If you have any questions regarding this request, please contact Deb Biswas of my staff at (916) 574-2383 or by e-mail at [Debabrata.Biswas@cvflood.ca.gov](mailto:Debabrata.Biswas@cvflood.ca.gov).

Sincerely,

Leslie M. Gallagher  
Executive Officer

Enclosure: 33 USC § 408 Request from RD 3 dated May 17, 2018

cc: (via electronic file)

Mr. Jon Ericson, Chief  
Division of Flood Management  
California Department of Water Resources

Mr. Bruce Pisoni, Secretary  
Reclamation District 3

Mr. Michael Kynett, Project Manager  
MBK Engineers