



BOARD OF SUPERVISORS
AGENDA LETTER

Agenda Number:

Clerk of the Board of Supervisors
105 E. Anapamu Street, Suite 407
Santa Barbara, CA 93101
(805) 568-2240

Department Name: Flood Control
Department No.: 054
For Agenda Of: 09/11/12
Placement: Administrative
Estimated Tme: N/A
Continued Item: No
If Yes, date from:
Vote Required: Majority

TO: Board of Directors, Flood Control and Water Conservation District

FROM: Department Scott D. McGolpin, Public Works Director, 568-3010
Director(s)
Contact Info: Thomas D. Fayram, Deputy Public Works Director, 568-3436

SUBJECT: Bradley Canyon Levee Extension Project, Fifth Supervisorial District

County Counsel Concurrence

As to form: Yes

Other Concurrence: Risk Management

As to form: Yes

Auditor-Controller Concurrence

As to form: Yes

Recommended Actions:

- a) Approve and authorize the Public Works Director to execute the *Project Partnership Agreement between the Department of the Army and the Santa Barbara County Flood Control and Water Conservation District for Construction of the Bradley Canyon Extension Design Deficiency Correction for the Santa Maria River Tributaries (PPA)* to provide a 65% federal cost share (estimated at \$6.5 million) and a 35% local cost (estimated at 3.5 million) to the project;
- b) Approve and authorize the Chair to execute the *Santa Maria River Bradley Canyon Levee Extension Project Construction and Implementation of Bradley Canyon Levee Local Cost Sharing Agreement* with the City of Santa Maria for the local costs of the project, with a City contribution of 50% of the Local Cost Share (estimated at \$1.75 million);
- c) Approve and authorize the Public Works Director or his designee to execute any and all documents necessary to receive Proposition 84 Grants funds from the State of California for this project, provided County Counsel approval is obtained, with such funds to be used to lower the net local cost share; and
- d) Determine, pursuant to 14 CCR 15162, that a Final Supplemental EA/Mitigated Negative Declaration (SEA/MND) #12 NGD-00000-00002 was adopted for the for the Santa Maria River-

Bradley Canyon Levee Extension Project on April 3, 2012, that no substantial changes are proposed in the project, no substantial changes have occurred with respect to the circumstances under which the project is undertaken, and no new information of substantial importance has been received with respect to the project or the mitigation measures, and therefore no new EIR or Negative Declaration is required for the approval of the recommended actions. The SEA/MND, Findings, and associated information can be found at:

<http://santabarbara.legistar.com/LegislationDetail.aspx?ID=1101951&GUID=698914FC-D508-4E8C-92C0-E2357EFBF69F>

Summary Text:

The Santa Maria River Levee System (Levee) was constructed by the U.S. Army Corps of Engineers (Corps) in the early 1960's. Upon completion of the project, the County Flood Control District (District) as the local sponsor was required to take responsibility for the operation and maintenance of the Levee. In recent years, the Corps determined that the Levee as designed would not provide the protection it was intended to deliver. To address this, the Corps developed and approved a Supplemental Design Deficiency Report in 2009. The report including repairing a 6.3 mile reach of the Levee using American Recovery and Reinvestment Act (ARRA) stimulus funds for 100% of the project cost. Subsequently, the Corps in 2011 modified the Supplemental Design Deficiency Report with an Addendum to include an additional 3,700 feet of levee at the upstream end of the project referred to as the Bradley Canyon Extension.

This phase of the project is not eligible for ARRA funding and does require a local cost share. The Project Partnership Agreement (PPA) with the Corps will provide for a 65/35 cost share between Corps and the District for the project. The Local Cost Sharing Agreement with the City of Santa Maria (City) will split the local share of the project costs 50/50 or an estimated cost of \$1.75 million to each agency.

This project was also submitted to the State of California Department of Water Resources (DWR) for funding under Proposition 84 Local Levee Assistance Program. A draft award list issued by DWR indicated that the Santa Maria River Levee could receive \$1,850,280 for the project. If awarded, the net cost to the local agencies would be reduced by that amount and as such would reduce the respective net costs for both the City and County to an estimated \$824,860.

This work will complete the necessary improvements to reinforce the Levee from the upstream end of the Levee down through the City. The work will be constructed by the Corps and estimated to be completed in the summer of 2013.

The Federal Funding for the work was included in the Corps of Engineers FY 2012 Work Plan. As such the Corps needs to execute the PPA during this Federal Fiscal Year to preserve the schedule. As such, Staff is requesting the Public Works Director be authorized to sign the PPA as it is expected in Late September. The draft PPA has been reviewed by Counsel, Risk Management, and the Auditor's office and they would also review the final PPA, however, Corps Staff has stated they expect no changes.

Background:

Since the Santa Maria River Levee was constructed, the Levee has suffered a variety of damages during flood flows most notably a complete breach in 1998 on the North Levee.

In the aftermath of the destruction of Hurricane Katrina, the Federal Emergency Management Agency (FEMA) began looking into the country’s levee systems. FEMA announced that it would initiate a mapping study of the Levee if the Corps determined that the Levee would not withstand a 100-year flood event in the river. The Corps due to the condition of the Levee was unable to certify that the Levee would withstand a 100-year flood event. Since the Levee was not certified, FEMA moved forward with remapping the affected area surrounding the Levee.

In 2007, FEMA presented their preliminary findings to the County and City staff and released a draft flood map which proposed to include a significant portion of the City in the 100-year flood zone. This change would require property owners with mortgages with a federal insured banking or loan institutions to purchase flood insurance. The proposed revised mapping would affect approximately 16,861 parcels and over 66,000 people.

The City, County, and Federal agencies along with our congressional representatives in Washington D.C. began working to provide the Corps with funding to analyze the problem and to come up with a solution to correct the deficiencies with the Levee. ARRA funding was made available for the first three reaches of the work, the final phase of the work is funded through the Corps’ 2012 Workplan.

In 2009, the Corps completed a Supplemental Design Deficiency Report that concluded a 6.3 mile reach of the Levee needed to be reinforced with soil cement and sheet pile. This work was completed in 2011. An Addendum to the Report was completed in 2011 which included the remaining 3,700 feet of the Levee (Bradley Canyon Extension) that will be reinforced in the same manner. This is the final phase of the project and will complete the planned rehabilitation of the Santa Maria River Levee System. This will allow the Corps and local agencies to certify the Levee repairs and head off the threat of flood insurance for the City.

Fiscal and Facilities Impacts:

Budgeted: Yes

Fiscal Analysis:

<u>Funding Sources</u>	<u>Current FY Cost:</u>	<u>Annualized On-going Cost:</u>	<u>Total One-Time Project Cost</u>
Corps of Engineers			\$ 6,500,000.00
City of Santa Maria			\$ 1,750,000.00
Flood Control Funds			\$ 1,750,000.00
DWR Prop 84 funding (pending)			
Total	\$ -	\$ -	\$ 10,000,000.00

Narrative:

This project was included in the 2012-13 Adopted Budget in the Water Resources Division of the Public Works Department as shown on page D-144 in the budget book. Funding for this portion of the levee will be paid 65% by the Corps and 35% by state and local funds. The City and the Flood Control District will cost share the remaining costs after the federal and state funds are applied. Prop. 84 funding revenue was not included in the budget so funding as shown in the above table is what was approved in this year’s budget. If grant funding is awarded, the local cost share will decrease and the

District will return to the Board with a budget revision to accept DWR funding for up the \$1,850,280 for this project. No General Fund monies will be utilized with these actions.

This project is also included in Capital Improvement Program on page B-164.

Special Instructions:

Direct the Clerk of the Board to send 2 originals of the Bradley Canyon Levee Local Cost Sharing Agreement with the City of Santa Maria and a copy of minute order to the Flood Control District office, Attn: Christina Lopez:

Attachments:

1. Project Partnership Agreement with the U.S. Army Corps of Engineers (copy)
2. Bradley Canyon Levee Local Cost Sharing Agreement with the City of Santa Maria for the local costs of the project (3 originals)

Authored by: Thomas D. Fayram, Deputy Public Works Director, 568-3436

