



## City Council Report

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**File ID:** 2017-01508

November 21, 2017

**Consent Item 11**

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**Title: FY2017 Flood Mitigation Assistance (FMA) Grant Project: Florin Creek Study & Pomegranate Localized Flood Control Project**

**Location:** Citywide

**Recommendation:** Pass a Resolution authorizing the City Manager or City Manager's designee to: 1) apply to the FY2017 Flood Mitigation Assistance (FMA) Grant Program, for a total not-to-exceed amount of \$1,272,820; and 2) execute all agreements and documents of compliance related to the grant on behalf of the City if the grant is awarded.

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**Presenter:** None

**Department:** Department of Utilities

**Attachments:**

1-Description/Analysis

2-Resolution

## Description/Analysis

**Issue Detail:** The City's Department of Utilities is seeking approval to apply for a FY2017 Flood Mitigation Assistance (FMA) Grant with a project total not-to-exceed amount of \$1,272,820. The FMA Grant Program is administered by the Federal Emergency Management Agency (FEMA) and requires a 25% local match of the total project costs with non-federal funding.

If the grant is awarded, the funds will be used to update the 1998 hydraulic and hydrologic model and execute a flood control project that consists of the construction of a 12 cubic-feet-per-second (firm capacity) pump station at Center Parkway near Florin Creek. The project includes the installation of a 24-inch pipe in Center Parkway from Pomegranate Avenue to the pump station.

**Policy Considerations:** Seeking external funding supports the City's Local Hazard Mitigation Plan (LHMP) adopted by the City Council in May 2017. The City's LHMP is part of FEMA's Community Rating System (CRS) program, in which the City of Sacramento participates, to receive discounts on flood insurance and to be eligible for FEMA's Pre-Disaster Mitigation and Hazard Mitigation Grant programs. Additionally, Council Resolution 2017-0246 requires City Council approval to enter into a grant agreement and appropriate funding when the agreement exceeds \$100,000.

**Economic Impacts:** None.

**Environmental Considerations:** The Community Development Department, Environmental Planning Services Division reviewed the proposed activity and determined that it is exempt from California Environmental Quality Act (CEQA) review under CEQA Guidelines Section 15061(b)(3). The activity is covered by the general rule that CEQA applies only to projects that have the potential for causing a significant effect on the environment. Where it can be seen with certainty that there is no possibility that the activity in question may have a significant effect on the environment, the activity is not subject to CEQA. Any future projects, that may be funded by the awarding of the subject grant, would be subject to appropriate CEQA review and documentation prior to their approval for construction.

**Sustainability:** The project is consistent with the City's Sustainability Master Plan goal by enabling the Department of Utilities to continue to provide flood control. The proposed project conforms to the Sacramento County Local Hazard Mitigation Plan (LHMP) goals. These projects minimize vulnerability to the impact of natural hazards, improve public awareness, improve the capabilities of the community, and assure conformance to Federal and State Hazard Mitigation Initiatives (page v-vi).

**Commission/Committee Action:** Not Applicable.

**Rationale for Recommendation:** If received, the grant funds will be a critical offset to the department's Storm Drainage Fund and would continue efforts to provide flood control, flood protection, and decrease property damages in the City. If successful, the projects funded from this grant will remove approximately 20 homes from current FEMA designated floodplains and remove the requirement for mandatory flood insurance. It will also reduce flood risk for another 60 or so homes in the area.

**Financial Considerations:** Staff estimates the total project cost not-to-exceed amount is \$1,272,820. If awarded, the grant funding received would total a not-to-exceed amount of \$954,615 and the City's 25% local match would total a not-to-exceed amount of \$318,205. Staff recommends a transfer of \$318,205 from the Drainage Channel Improvement project (W14130400) to the Drainage Improvement Program project (W14150700) and amend revenue and expenditure budgets in W14150700. Sufficient funds will be available to meet the necessary cost match requirement upon the recommended budget transfer. There are no general fund obligations for this project.

**Local Business Enterprise (LBE):** Not applicable

**Background:** The Florin Creek area has historically been vulnerable to flooding during large storms and high-water events. The January 1995 storm event resulted in 162 flooding complaints in the area, some of which included structural damage. Immediately following the 1995 event, the City studied the impacted drainage basin to determine how to achieve 10-year and 100-year flood protection. The City, along with regional, state, and federal partners, has completed a combination of mitigation activities to enhance flood protection in the area. The improvements include detention basins, channel improvements, flood walls, upsized storm drain pipes, and pump installation.

Through this work much of the floodplain has been eliminated, however, due to incomplete modeling capabilities and the need for smaller local flood control projects, the City cannot remove approximately 20 homes impacted by the 1% annual chance storm from the Special Flood Hazard Area.

This project addresses the localized flooding, heavy rains, and storms hazards prioritized within the Sacramento County Local Hazard Mitigation Plan (LHMP). After the recent flood control work on the Florin Creek by the Army Corps of Engineers, Sacramento Area Flood Control Agency, and the City of Sacramento, a residual floodplain remains from lack of interior drainage. Moreover, this is the last project from the recommended alternative in the Sump 67 Drainage Master Plan to address in interior drainage in Basin 67.

If successful, this project will remove this residual floodplain and increase flood protection, while decreasing the amount of damage and insurance claims for the area. The updated model will follow FEMA guidelines and will enhance the City's capabilities to evaluate the area. Additionally, the model will allow the City to remove the area containing the final homes identified within the current AH flood zone on the Flood Insurance Rate Maps. The project will also reduce the flood risk of other homes in the area and allow the City to continue to build long term resiliency and increase the overall safety of the City.

## **RESOLUTION NO. 2017 –**

Adopted by the Sacramento City Council

**November 21, 2017**

### **GRANT APPLICATION FOR FY2017 FLOOD MITIGATION ASSISTANCE GRANT PROGRAM**

#### **BACKGROUND**

- A. The Federal Emergency Management Agency (FEMA) has made available the FY2017 Flood Mitigation Assistance (FMA) Grant Program. This program was created as part of the National Flood Insurance Reform Act (NFIRA) of 1994 with the goal of reducing or eliminating claims under the National Flood Insurance Program. The FMA Grant Program is focused on mitigating repetitive loss properties and severe repetitive loss properties. As a local government agency, the City plays a key role in the management of food control and protection.
- B. The City's Florin Creek area has historically been vulnerable to flooding during large storms and high-water events. The January 1995 storm event resulted in 162 flooding complaints in the area and caused structural damage to homes. Immediately following the 1995 event, the City studied the impacted drainage basin to determine how to achieve 10-year and 100-year flood protection. The City, along with regional, state, and federal partners, has completed a combination of mitigation activities to enhanced flood protection in the area. The improvements include detention basins, channel improvements, flood walls, upsized storm drain pipes, and pump installation.
- C. To address and complete the City's flood protection in the Florin Creek area, City staff is recommending approval to apply to the FY2017 FMA Grant Program to construct a 12 cubic-feet-per-second (firm capacity) pump station at Center Parkway near Florin Creek. The project would include the installation of 24-inch pipe in Center Parkway from Pomegranate Avenue to the pump station. The pump station and pipe will reduce the 100-year flood elevations in the Pomegranate Avenue area and eliminate the remaining structural flooding in the surrounding floodplain area.
- D. The City seeks to apply for a project amount not-to-exceed \$1,272,820. If awarded, there is a cost match requirement of 25% of the total project costs by City funds.

- E. A budget augmentation of \$318,205 is required to provide sufficient funds to the Drainage Improvement Program project (W14150700) if the grant is awarded.

**BASED ON THE FACTS SET FORTH IN THE BACKGROUND, THE CITY COUNCIL RESOLVES AS FOLLOWS:**

Section 1     The City Manager or the City Manager's designee, the Director of the Department of Utilities, is authorized to:

- A.             Apply for grant funding through FY2017 FMA Grant Program in an amount not-to-exceed \$1,272,820, which includes \$954,615 in grant share and a required 25% match share of \$318,205 by City funds;
- B.             If awarded, sign the funding agreement, prepare the necessary data, and execute all reporting, payment requests, and documentation of compliance applicable to the grant and completion of the project;
- C.             If awarded, amend revenue and expenditure budgets in the Drainage Improvement Program project, Project No. W14150700 (Storm Drainage Fund, Fund 6011) to reflect the following budget transfer:

<b>Project Description</b>	<b>Project No.</b>	<b>Fund</b>	<b>Amount</b>
Drainage Channel Improvement	W14130400	6011	(\$ 318,205)
Drainage Improvement Program	W14150700	6011	\$ 318,205