



City Council Report

Date: July 5, 2022
To: City Council
Through: Marc Heirshberg, Deputy City Manager
From: Beth Huning, City Engineer
Marc Ahlstrom, Assistant City Engineer
Subject: Flood Control Improvement Project – Intergovernmental Agreement (IGA)
with the Flood Control District of Maricopa County

City Project No. CP1099
Council Districts 5 & 6

Purpose and Recommendation

The purpose of this report is to provide information to the City Council to review and consider approval of an Intergovernmental Agreement (IGA) between the Flood Control District of Maricopa County (“District”) and the City of Mesa (“City”) for the design, construction, construction management, operation, and maintenance of drainage improvements within the City. The proposed IGA is for the Baseline and Signal Butte Roads Drainage Project.

Refer to Exhibit “A” for the project location.

Staff recommends that the Council approve the IGA and Resolution authorizing the City Manager or his designee to execute the IGA.

Background

On April 27, 2011, the District Board of Directors adopted Resolution FCD 2009R003A (C-69-09-062-6-01) authorizing the District to cost-share in recommended drainage projects by local agencies under the District’s Small Project Assistance Program (SPAP). In December 2021, City staff received approval for one project for cost share under the SPAP for fiscal years 2023 and 2024. Consequently, the project has been approved by the District for funding up to a maximum of \$500,000.

The section of Baseline Road from 1/2 mile west of Meridian Road to Signal Butte Road experiences flooding from a large watershed north of US60 and Meridian Road. This drainage crosses the Central Arizona Project (CAP) canal, travels below US60 then

drains through undeveloped State Land to Baseline Road where it ponds. This drainage floods the westbound lanes of Baseline Road from Springwood Boulevard to approximately ¼ mile east of Signal Butte Road. The drainage can also flood the two eastbound lanes of Baseline Road during large storm events. Due to this flooding, road closures of Baseline Road are at times required for public safety. The proposed project will construct a new drainage channel and detention basin on the north side of Baseline Road to collect and route the drainage to the west, which ultimately directs the flow to existing drainage facilities.

Discussion

The purpose of this IGA is to identify and define the responsibilities of the District and the City for design, right-of-way acquisition, utility relocation, construction, construction management, operation, and maintenance of the proposed projects. The City must participate in the design and construction cost of the project and also operate and maintain the facilities. The District will fund seventy-five percent (75%) of the project design and construction costs incurred and invoiced between July 1, 2022, and June 30, 2024, up to a maximum of \$500,000 in accordance with the District's SPAP as stated in the IGA.

Once a bid for the project has been received and accepted, the construction contract will be brought to the City Council for consideration.

Community Impact – This project will require temporary lane restrictions along Baseline Road for an anticipated duration of 6 months. When complete, residents and the traveling public will be less affected by flooding in this area.

Alternatives

The City Council could choose not to enter into the IGA with the District. The City's lack of participation in this program would stop the project, resulting in continued drainage problems for citizens along Baseline Road. This alternative is not recommended.

Fiscal Impact

The District will fund seventy-five percent (75%) of the project design and construction costs incurred for up to a maximum contribution of \$500,000. The City will be responsible for funding the remainder of the cost. The City will also be 100% responsible for land acquisition, landscape aesthetic improvements, utility conflicts, construction administration, operation, and maintenance costs. A breakdown of the total estimated construction cost is as follows:

| Project Description | City's Estimated Contribution | District Estimated Design & Construction Contribution | Total Estimated Design & Construction Cost |
|---|--|--|---|
| Baseline East of Signal Butte Drainage Project | \$403,935 | \$500,000 | \$903,935 |
| Totals | \$403,935 | \$500,000 | \$903,935 |

This project is funded by the City's Transportation Department Highway User Revenue Fund.

Coordinated With

The Transportation Department concurs with this recommendation.