



City Council Report

Date: May 7, 2018
To: City Council
Through: Kari Kent, Assistant City Manager
From: Beth Huning, City Engineer
Marc Ahlstrom, Assistant City Engineer
Subject: Flood Control Improvement Projects (3 Locations) – Three Intergovernmental Agreements (IGAs) with the Flood Control District of Maricopa County

City Project No's: CP0743, CP0817 and CP0818
Council District's: 2, 4, and 5

Purpose and Recommendation

The purpose of this report is to provide information to the City Council to review and consider approval of three (3) separate Intergovernmental Agreements (IGAs) between the Flood Control District of Maricopa County ("District") and the City of Mesa ("City") for the construction, construction management, operation, and maintenance of drainage improvements within the City. The three proposed IGA's are for the following projects:

1. Lazona and Broadway Drainage Project
2. Venture Out Drainage Project
3. 64th Street and Halifax Drainage Project

Refer to Exhibit "A", Exhibit "B" and Exhibit "C" for the location map of each project.

Staff recommends that the Council approve all three (3) IGAs and a Resolution authorizing the City Manager or his designee to execute each of the IGAs.

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 January 2018, City staff received approval for three (3) individual projects for cost share under the SPAP for fiscal year 2018. Consequently, each project has been approved by the District for funding up to a maximum of \$250,000.

1) Lazona and Broadway Drainage Project

This project was originally approved for funding in FY2017, but due to a funding shortfall, was placed on hold until funding became available.

This area of the City (north of Broadway Road and east of Stapley Road) has experienced flooding and drainage issues for residential properties located on Lazona Street. Lack of street capacity and storm drain infrastructure within the local streets creates issues with storm water flow conveyance during larger storm events. City staff proposes to add storm drain pipes in Broadway Road and Lazona Street to capture flows that otherwise create drainage issues for the neighborhood and ultimately inundate the intersection of Broadway and Stapley.

2) Venture Out Drainage Project

This area of the City (north of Broadway Road and east of Greenfield) has experienced flooding and drainage issues for residential properties located in the Venture Out RV Park. The RV Park's undersized street capacities and drainage facilities creates issues with storm water flow conveyance during storm events. Multiple private residences are flooded during these events and flooding is routed into Broadway Road. City staff proposes to add storm drain pipes and inlets in Broadway Road to capture flows that otherwise create drainage issues for the RV Park and ultimately to reduce flooding in Broadway Road.

3) 64th Street and Halifax Drainage Project

This area of the City (north of Brown Road and east of Recker Road) has experienced flooding and drainage issues on residential properties due to a large unincorporated area of Maricopa County that routes flows into the neighborhood. Lack of capacity in the storm drain infrastructure creates issues with storm water flow conveyance during storm events flooding homes and streets. City staff proposes to add storm drain pipes and inlets to 64th Street from Granite Reef Park (64th and Brown) to Halifax Street to capture flows that otherwise inundate the homes and local streets in this neighborhood.

Discussion

The purpose of each 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 construction cost of each project and also operate and maintain the facilities. The District will fund seventy-five percent (75%) of the project construction cost incurred and invoiced between July 1, 2018 and June 30, 2019, up to a maximum of \$250,000 per project in accordance with the District's SPAP as stated in each IGA.

Once a bid for each project has been received and accepted, the construction contract will be brought to the City Council for consideration. The local matching funds will come from the Transportation Department's Highway User Revenue Fund.

Alternatives

The City Council could choose not to enter into each of the three (3) IGAs with the District. The City's lack of participation in funding would stop the projects, resulting in continued drainage problems for each of the areas identified. This alternative is not recommended.

Fiscal Impact

The District will fund seventy-five percent (75%) of the project construction costs incurred for each project up to a maximum contribution of \$250,000. The City will be responsible for funding the remainder of the cost. The City will also be 100% responsible for design, land acquisition, construction administration, operation, and maintenance costs. A breakdown of the total estimated construction cost for each Project is as follows:

Project Description	Total Estimated Construction Cost	District Estimated Construction Contribution	City's Estimated Contribution
1. Lazona and Broadway Drainage Project	\$702,024	\$250,000	\$452,024
2. Venture Out Drainage Project	\$1,155,912	\$250,000	\$905,912
3. 64th Street and Halifax Drainage Project	\$876,000	\$250,000	\$626,000
Totals	\$2,733,936	\$750,000	\$1,983,936

Coordinated With

The Transportation Department concurs with this recommendation.