



# City Council Report

**Date:** May 15, 2023  
**To:** City Council  
**Through:** Marc Heirshberg, Deputy 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. CP1139, CP1140 and CP1141  
Council District(s) 3 and 4

## Purpose and Recommendation

The purpose of this report is to request Council approval of a resolution authorizing the City of Mesa to enter into three (3) separate Intergovernmental Agreements (IGAs) with the Flood Control District of Maricopa County (“District”) for the design, right-of-way acquisition, utility relocation, construction, construction management, and operation and maintenance of drainage improvements within the City. The three proposed IGA’s are for the following projects (refer to Exhibits “A”, “B” and “C” for project locations):

1. CP1139 2nd Avenue and Spencer Project
2. CP1140 Guthrie Street and Main Street Project
3. CP1141 Main and Phyllis Street Project

Staff recommends that Council approve all three (3) resolutions and authorize the City Manager or his designee to execute each of the IGA’s on behalf of the City.

## 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 2022, City staff received approval for three (3) projects for cost share under the SPAP for fiscal years 2024 and 2025. Consequently, the projects were approved by the District for funding up to a maximum of \$750,000 each.

1) CP1139 2<sup>nd</sup> Avenue and Spencer Project

This area of the City (south of Main Street and west of Stapley Drive) has experienced flooding in adjacent residential homes and basements along 2<sup>nd</sup> Avenue and Matlock Street, including the City's fire station at 1105 E. 2<sup>nd</sup> Avenue. City staff proposes to add a storm drain pipe and catch basins on 2<sup>nd</sup> Avenue to capture these flows. This new pipe will connect into an existing drainage manhole at 2<sup>nd</sup> Avenue and Miller Street.

2) CP1140 Guthrie Street and Main Street Project

This area of the City (north of Main Street and west of Gilbert Road) has improvements identified within the current Flood Control District's Downtown Mesa Area Drainage Master Study. The current storm drain system does not have the capacity to handle drainage flows in this area. City staff propose to add a storm drain pipe and catch basins on Guthrie Street that will parallel the existing undersized storm drain system. This new pipe will connect to the existing storm drain in Main Street.

3) CP1141 Main and Phyllis Street Project

This area of the City (north of Main Street and west of Dobson Road) has experienced drainage issues along Phyllis Street since this area is lower than the adjacent Salt River Project's Tempe Canal and Main Street. The Transportation Department has identified two residential properties that have flooded historically. City staff proposes to add a storm drain pipe and catch basins on Phyllis Street to capture these flows. This new pipe will connect into an existing drainage manhole at Main Street.

## **Discussion**

The purpose of these IGA's is to identify and define the responsibilities of the District and the City for the proposed projects. The City must participate in the design and construction cost of each 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, 2023, and June 30, 2025, up to a maximum of \$750,000 in accordance with the District's SPAP as stated in the IGA's.

Community Impact – Each project will require temporary lane restrictions to complete the drainage improvements. When complete, residents and the traveling public will be less affected by flooding in the project areas.

## 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 this program would stop the projects, resulting in continued drainage problems for citizens in each of the areas identified. This alternative is not recommended.

## Fiscal Impact

The District will fund seventy-five percent (75%) of the project design and construction costs incurred for each project up to a maximum contribution of \$750,000. 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 for each Project is as follows:

<b>Project Description</b>	<b>City's Estimated Contribution</b>	<b>District Estimated Contribution</b>	<b>Total Estimated Cost</b>
CP1139 2nd Avenue and Spencer Project	\$150,001	\$450,004	\$600,005
CP1140 Guthrie Street and Main Street Project	\$234,250	\$702,750	\$937,000
CP1141 Main and Phyllis Street Project	\$241,659	\$725,066	\$966,725
<b>Totals</b>	<b>\$625,910</b>	<b>\$1,877,820</b>	<b>\$2,503,730</b>

These projects are funded by the City's Transportation Department Highway User Revenue Fund.

## Coordinated With

The Transportation Department concurs with this recommendation.