



## MEMORANDUM

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Date: November 3, 2023

To: Albert P. Childress  
City Manager

Via: Kelly Crowe  
Utilities Director

From: Sean McCoy  
Principal Engineer Utilities

Subject: **Addition of Bahama Village to Stormwater Masterplan Conceptual Projects**

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### **Introduction**

This Task Order, 7-23, is to develop and analyze conceptual stormwater improvement project recommendations for two low lying intersections in Bahama Village that have been experiencing flooding during storm events. Specifically, Catherine and Thomas near Nelson English Park, and Olivia and Emma near Frederick Douglas Gym. These analyses and improvement recommendations will be incorporated into the recent 2021 SWMP update.

### **Background**

As part of the 2021 SWMP update, the City's stormwater model was updated with completed projects and then re-analyzed to prioritize future stormwater improvements. While sections of Bahama Village are low-lying and prone to flooding during storm events, these areas did not score high enough (using MP criteria), to be included in the evaluated conceptual projects. Recent storms and tide events have highlighted the need for stormwater improvements in Bahama Village, particularly the two low intersections mentioned above.

Utilities staff met with BVRAC Chairman Castillo and Thaddeus Cohen in August 2023 to discuss flooding issues in Bahama Village. It was noted that there are flooding concerns at Catherine and Thomas as well as Olivia and Emma. Staff noted that they have observed similar flooding impacts and agreed that a solution needs to be addressed. Staff suggested having our stormwater consultant analyze these areas and propose projects to mitigate the flooding.

This task order will develop a conceptual level stormwater project that will evaluate the use of inlets, piping, gravity wells, and pump assisted injection wells, and recommend alternatives to alleviate flooding

in this area. Modeling results, project descriptions, and conceptual level cost estimates will be incorporated into the City's current Stormwater Masterplan.

### **Procurement**

Total Compensation for Task Order 7-23 in the amount of \$8,632.00 and will be paid from Account 402-3803-538-3100. Jacobs will perform the work under their General Engineering Services contract authorized per Resolution 23-029. The task order is less than \$50,000 and can be executed by the City Manager per Section 2-772 of the Code of Ordinances.

### **Recommendation**

The Utilities department recommends the City Manager authorize Task Order 7-23 to enter into agreement with Jacobs and execute documents.