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**MEMORANDUM NO. 24-15**

DATE: February 1, 2024

TO: City Commission

FROM: Matthew Kudrna, Project Manager II

**SUBJECT: Work Authorization 24026-01 -Baxter & Woodman, Inc.-Stormwater  
NE10th Street & Dixie Hwy**

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**Background:**

The project area is bounded by NE 10th Street to the north, by Dixie Highway to the west, by NE 6th Street to the south and by NE 5th Avenue to the east and this project aims to alleviate ponding issues in this area. The area primarily consists of a single-family residential neighborhood with a small amount of multi-family and some business located along the Dixie Highway/FEC corridor. Based on the City's Stormwater Master Plan (2013), the area mentioned was identified as a priority drainage basin in need of stormwater system improvements based on the historical flooding problems observed by City staff, the flooding complaints received from residents and the results from the existing conditions stormwater model.

**Recommendation:**

Staff is seeking City Commission approval to execute a Work Authorization No. 24026-01, to provide Civil engineering services from Baxter & Woodman, Inc. for the mentioned project.

Baxter & Woodman, Inc. scope of services, include professional engineering and surveying services for proposed drainage improvements in the mentioned area referenced in the City's 2013 Stormwater Master Plan. The consultant will evaluate options for providing drainage improvements, identify flood prone areas, and address water quality treatment solutions within the project limits. The proposed alternatives will examine the feasibility of exfiltration trench, improved pipe conveyance and swale improvements. Services include the preparation of construction plans and specifications including surveying, utility locates services, utility test holes, geotechnical engineering services, engineering design, and permitting, for a sum of \$294,732.00