



CITY OF  
**ST AUGUSTINE**  
EST. 1565

# City of St. Augustine –



## Court Theophelia Neighborhood Drainage Improvement Project:

First Reading for Bannan Avenue One-Way  
Designation (Ordinance 2025-17)

July 28, 2025

Jessica L. Beach, P.E.  
Chief Resilience Officer  
Deputy Director, Utilities & Public Works Department





CITY OF  
**ST AUGUSTINE**  
EST. 1565

# Presentation Outline

- ❖ Project Background, Need and Objectives
- ❖ Proposed Ordinance for Consideration, First Reading





CITY OF  
**ST AUGUSTINE**<sup>TM</sup>  
EST. 1565

# Overview of the Resilience Program and Strategy

**PROJECTS**

**PLANNING/STUDIES**

**POLICY**

**PROGRAMS**

[www.citystaug.com/resiliency](http://www.citystaug.com/resiliency)





CITY OF  
**ST AUGUSTINE**  
EST. 1565

## Project—Court Theophelia Drainage Improvements

# PROJECT NEED AND OBJECTIVES

- ✓ Neighborhood has been on the City's Capital Improvement Plan since 2016
- ✓ Neighborhood suffers from poor road conditions due to inundation (flooding) from both rainfall and high tides
- ✓ Existing drainage features within the Neighborhood are inadequate
- ✓ Targeted upgrades to the existing utilities to improve the level of service for rainfall flooding
- ✓ FDEP Grant \$4,855,778


## COURT THEOPHELIA

### Neighborhood Flood Mitigation & Drainage Improvements

**What is this project?**

The project would include design, permitting and construction to replace aged utilities, upgrade existing stormwater infrastructure and evaluate other structural and nonstructural based resiliency options that will provide a higher level of service and flood protection for the neighborhood. The Project will reconstruct flood prone and damaged roads, improve drainage, replace aged utilities, and implement green infrastructure where it may be appropriate. The expected project outcomes include reconstruction of flood prone and damaged roads due to high tide flooding, improved drainage to provide a higher level of service during rainfall events, replacement of aged utilities, implementation of green infrastructure and/or low impact development to provide water quality benefit with stormwater management.

**Why is this project needed?**

This neighborhood is subject to rainfall driven and coastal surge flooding. The streets are in poor condition due to the inundation of salt water on the roads that has accelerated the deterioration. The utilities are also aged and in need of replacement (water and sewer). This project would include the replacement of aged utilities while the stormwater improvements are conducted. The improvements to the neighborhood will provide a higher level of flood protection for critical infrastructure (such as city roads).

**How is this project being funded?**

The City of St. Augustine (COSA) has received a grant from the Federal Florida Department of Environmental Protection (DEP) under the Resilient Florida Grant Program for the estimated full project cost of \$4,855,777.

**How will this project benefit the community?**

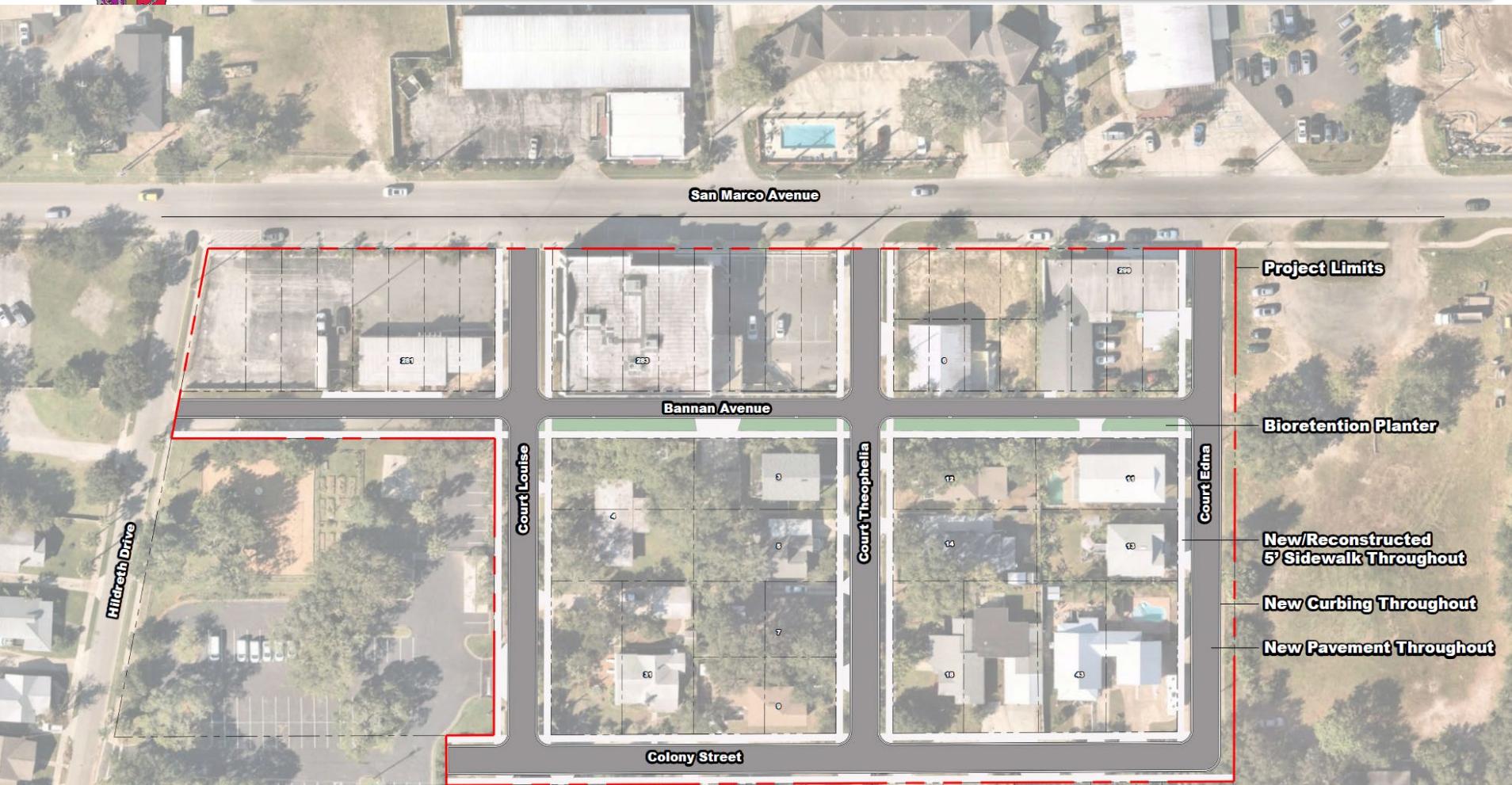
This is a low-lying neighborhood that is subject to both tidal and rainfall driven flooding. The 2016 Coastal Vulnerability Assessment identified major flood pathways and increased risks for future nuisance flooding and 1% annual chance flooding with sea level rise. By providing a higher level of service for rainfall and coastal surge events, this will protect a large area that has vulnerable critical assets. This project would provide needed stormwater improvements to address both rainfall driven and coastal surge flooding and evaluate other structural and nonstructural based resiliency options that will provide a higher level of service and flood protection for the neighborhood.

City of St. Augustine | Public Works Department | 904.825.1040 | [Stormwater@CityStAug.com](mailto:Stormwater@CityStAug.com)





# Project– Court Theophelia Drainage Improvements



- ✓ Replace aged utilities (water & sewer services)
- ✓ Piloting Green Infrastructure - bioretention planter
- ✓ New stormwater
- ✓ Replace sidewalks, curbing and roads



## Project– Court Theophelia Drainage Improvements



Bannan Ave. - Existing

VIEW LOOKING NORTH





# Project—Court Theophelia Drainage Improvements



Proposed One Way

VIEW LOOKING NORTH



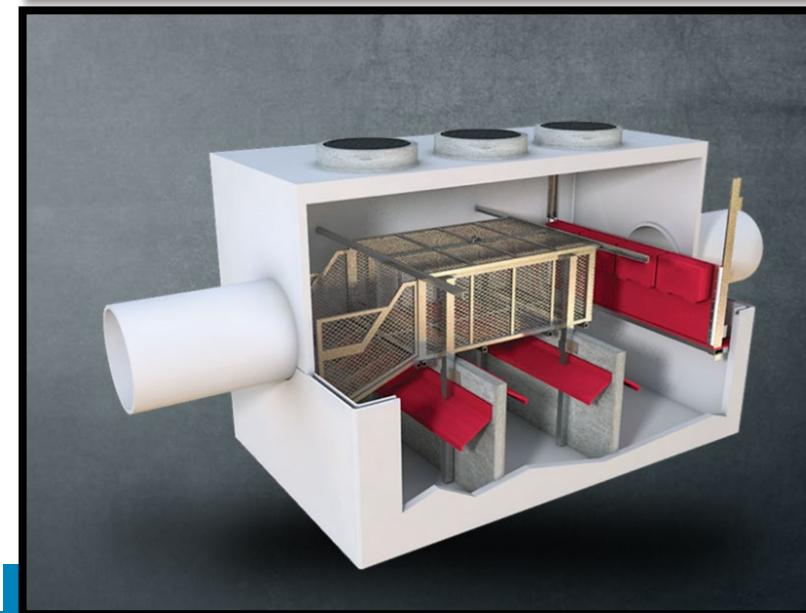
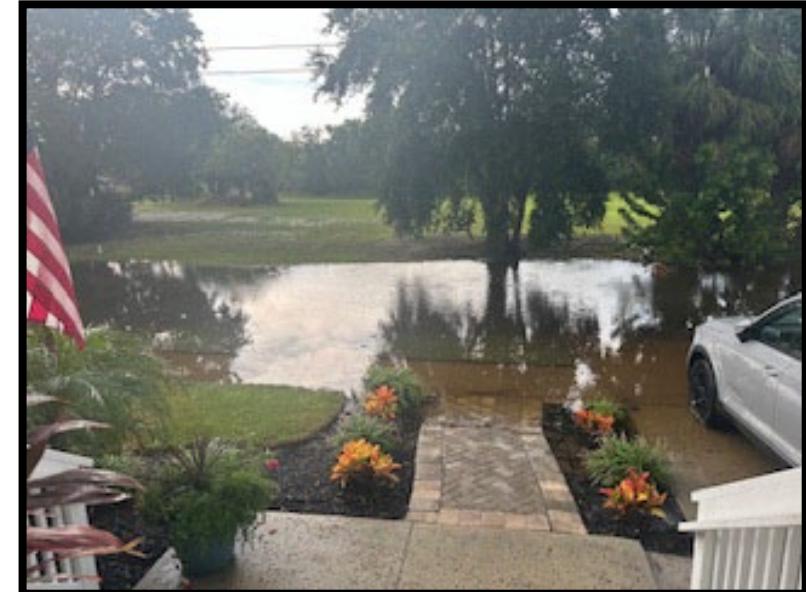


CITY OF  
**ST AUGUSTINE**™  
EST. 1565

## Project—Court Theophelia Drainage Improvements

### PROJECT BENEFITS

- New road, sidewalks, utilities
- New Stormwater Management
  - ✓ Stormwater pipes and inlets
  - ✓ Reduced depth of flooding in the roads for the frequent rainfall events (i.e. Sept 2024 and recent)
  - ✓ Piloting Green Infrastructure along Bannan Avenue
    - Will require one-way (southbound)
  - ✓ Water quality improvements
    - Nutrient Separating Baffle Box
    - Bioretention Planter





CITY OF  
**ST AUGUSTINE**  
EST. 1565

## Project—Court Theophelia Drainage Improvements

### **PUBLIC MEETINGS**

- Notification sent to the Neighborhood via email and letters
- Public Meeting Held December 11, 2024
- Open House Format
- Overwhelming support for the project and proposed one-way
- Project update to Fullerwood Neighborhood Association (5/7/25)
- Permitting is complete
- Design is being finalized
- Project ready for bidding and construction





CITY OF  
**ST AUGUSTINE**  
EST. 1565

## First Reading of Ordinance No. 2025-XX

- **Request for consideration of the following changes to Chapter 24, Article 1, Section 24-13, of the code of the City of St. Augustine:**

*“The following streets or portions of streets are hereby designated one-way streets, and vehicular traffic upon such streets or portions thereof shall move only in the direction indicated:*

***Bannan Avenue – one-way south bound from Court Edna to Hildreth Drive”***

- This requested change is necessary to allow for:
  - ✓ Reduction in pavement width
  - ✓ Reduction in impervious area
  - ✓ Addition of green infrastructure (bioretention planter)
  - ✓ Addition of a sidewalk connection to Hildreth Dr