

Stormwater
Management

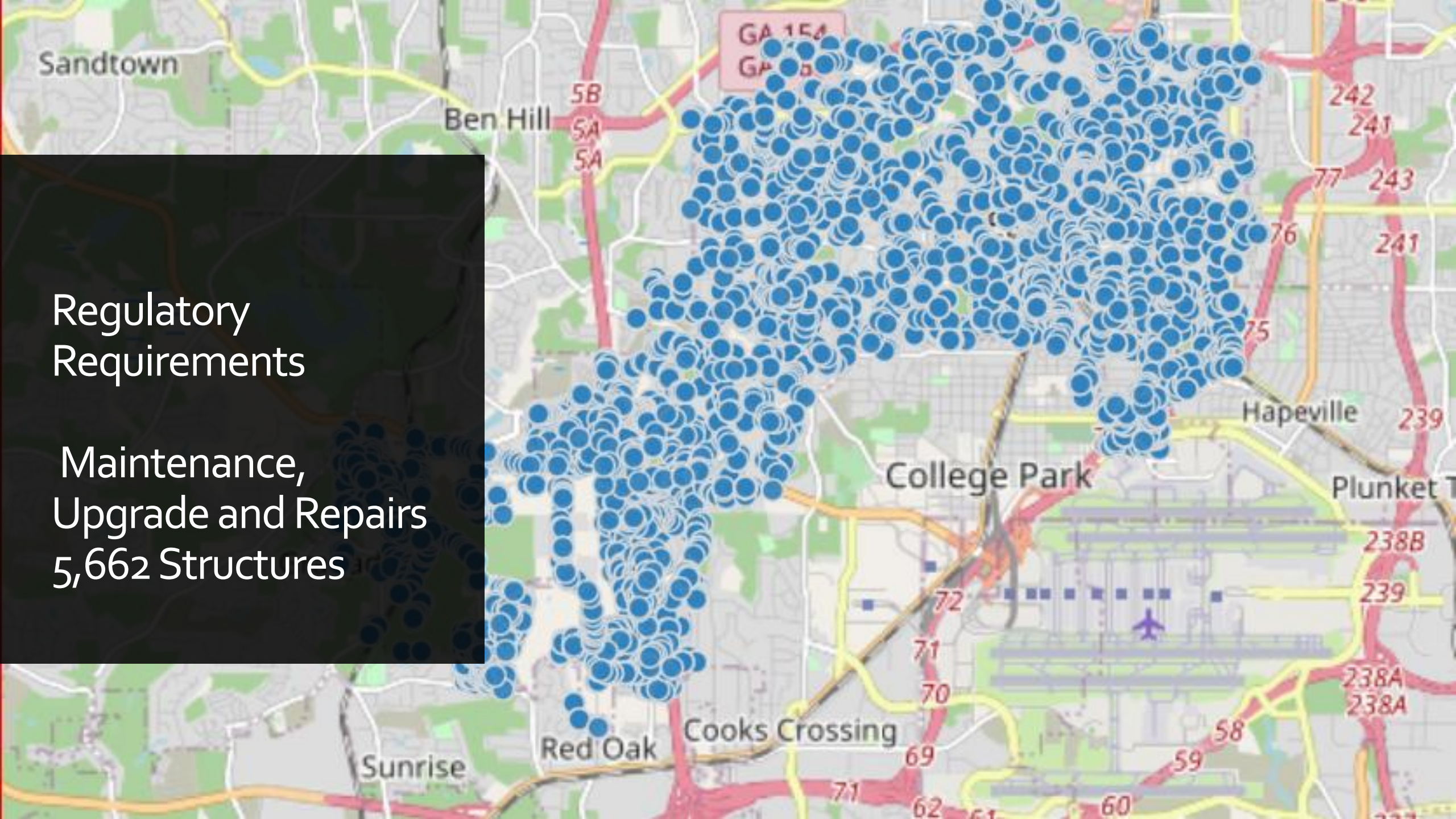
Regulatory Program

EAST
POINT
G E O R G I A

Stormwater Management Program

Regulatory Requirements

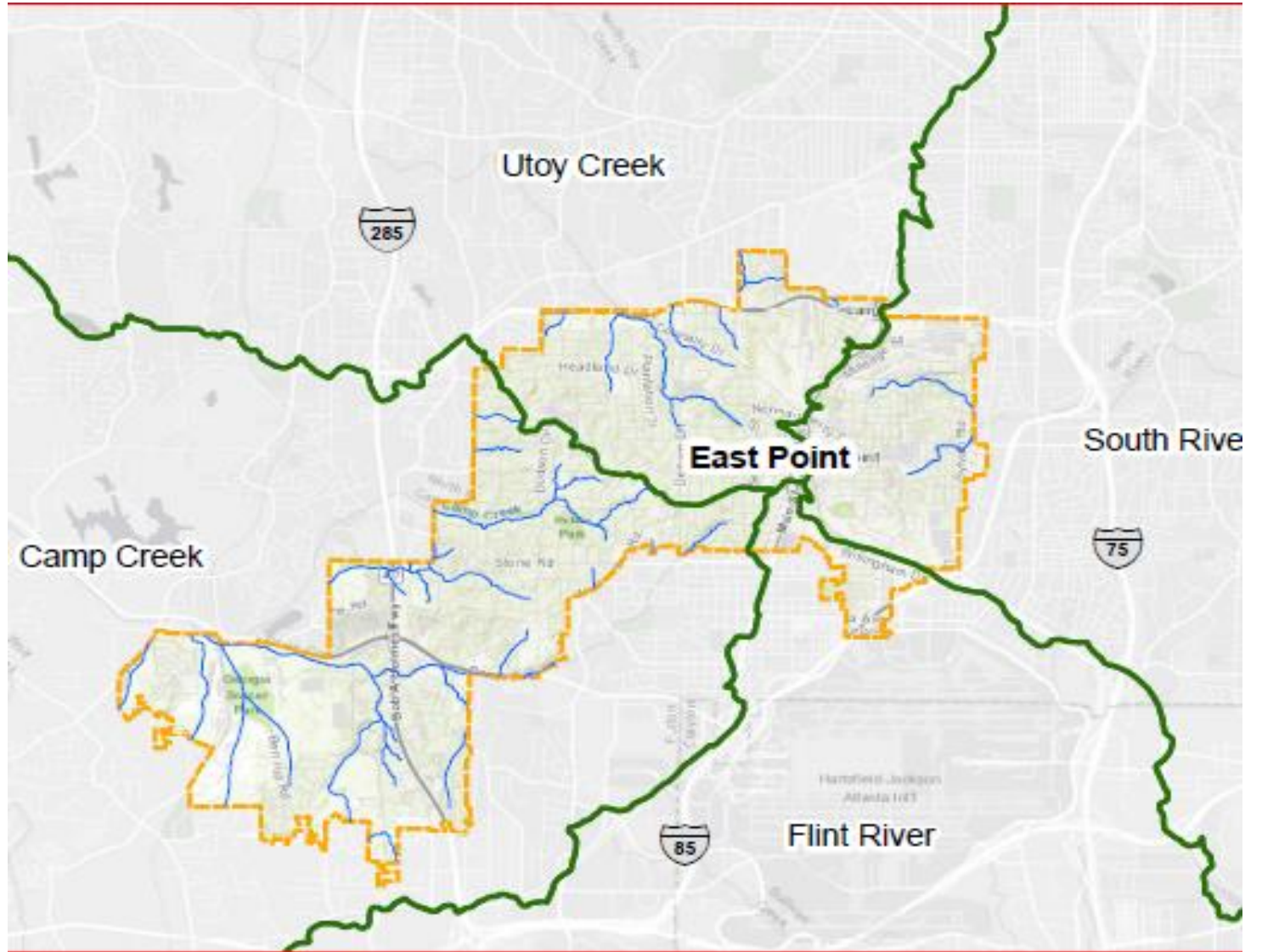
- Street Sweeping
- Leaf Vacuum
- State & Federal Mandates/Requirements for the City
- FEMA CRS NFIP CRS Ranking Program for Discounted Insurance-Audit Program
- Capital Improvement Program- Equipment and Projects
- Creek maintenance on public property
- Creek and streambank restoration on public property
- Repairs and Maintenance of City Storm Drain Network
- Disposal Fees from Street Sweeping
- Stormwater Assessments and Engineering Services
- Floodplain Assessments and Engineering Services
- GIS Mapping-State/Federal Mandate
- Emergency Repairs
- Prior year state and federal Non-Compliance



Regulatory
Requirements

Maintenance,
Upgrade and Repairs
5,662 Structures

Why? Flooding Stormwater Issues?



Why ? Flooding, Stormwater Issues ?

- Drainage patterns have been altered and changed with development leading to undersize pipes.
- The absence of Stormwater Regulations and Maintenance requirements.
- Creeks and ditches were piped by developers to maximize land and profit. Pipes installed by the developer are located on private property and owned by the property owner.

Storm Water Equipment

CCTV- Camera

10/21/2020





Public Property-Dogwood

Creek Maintenance

COMPLETE

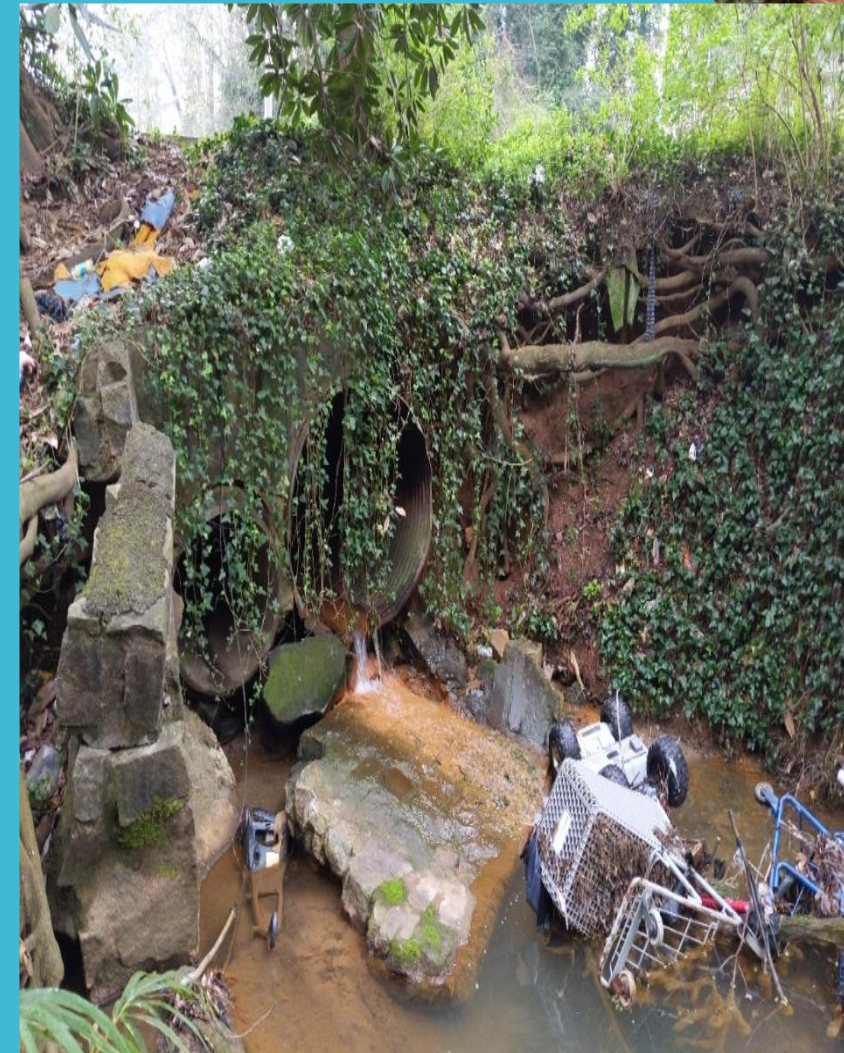
Stormwater Management Program

- This assessment has prioritized major projects that will alleviate stormwater and flooding issues for neighborhoods within the City.
- Compiled information from the 2010 Stormwater Program Update (CDM) and compiled work order history and complaints.
- These projects were prioritized by urgency.

Projects Identified for Stormwater /Flooding CIP 10Year Plan

Table 5-1. Summary of Evaluated Stormwater Projects

Project ID	Project Name	Project Type	Evaluation Score	Estimated Project Cost
SR-305a	Unnamed Tributary 3- Harlan Dr.	Pipe R/R	81.7	\$92,000
SR-305d	Unnamed Tributary 3	Pipe R/R	74.9	\$311,000
SR-305f	Unnamed Tributary 3	Pipe R/R	68.4	\$319,000
CC-103	Meadow Lark Lane	Pipe R/R	67.7	\$103,000
UC-201b	Jim's Creek	Pipe R/R	59.0	\$735,000
UC-202	Grove Avenue	Pipe R/R	58.6	\$80,000
CC-104	Piney Woods Drive	Pipe R/R	58.0	\$182,000
SR-304	Calhoun Avenue	Pipe R/R	57.0	\$382,000
SR-306	Norman Berry Drive Pipe Replacement	Pipe R/R	56.7	\$847,000
UC-200b	Lester Street/Spring Avenue	New BMP	54.1	\$3,185,000
SR-305e	Unnamed Tributary 3	Pipe R/R	53.9	\$237,000
SR-307	Maria Head Terrace	New BMP	50.0	\$1,149,000
SR-305b	Unnamed Tributary 3	Stream R/R	49.6	\$286,000
UC-200a	Lester Street/Spring Avenue	New BMP	47.0	\$1,439,000
SR-301b	Norman Berry Drive, East Forrest Ave and Randall Street	New BMP	45.5	\$729,000
SR-305c	Unnamed Tributary 3	Pipe R/R	45.4	\$497,000
UC-200c	Lester Street/Spring Avenue	New BMP	43.7	\$466,000
SR-301d	Norman Berry Drive, East Forrest Avenue and Randall Street	New BMP	42.0	\$2,679,000
CC-102	Georgia Power Pond	Existing BMP	39.7	\$1,612,000
UC-201d	Jim's Creek	New BMP	37.0	\$2,474,000
UC-201a	Jim's Creek	New BMP	37.0	\$2,653,000
SR-301a	Norman Berry Drive, East Forrest Avenue and Randall Street	Stream R/R	34.0	\$884,000
SR-301c	Norman Berry Drive, East Forrest Avenue and Randall Street	New BMP	33.5	\$1,323,000



REALITY



Funding Stormwater Program

- The Stormwater Utility generates \$2.3 to 2.8 Million per year.
- About \$ 1 million is available for regulatory requirements and Capital projects.
- Sec. 2450 (c) Storm Water Bond Debt
- Annual lease payments for Street Sweeper/Leaf Vac and maintenance.
- Staff including benefits and operational cost
- Many projects in the Assessment are costly and take up and or exceed the Stormwater Utility funds. Other funding sources (grants and loans) will be required.

Stormwater Program

Community Share Cost Assistance Program

- City partners (share cost) with property owners to address stormwater condition .
- The owners are responsible for maintaining such improvement.
- Investigation is conducted and a recommendation is provided by certified staff.
- Funding availability
- Community Benefit