

To: Mayor and City Council
From: Carl Thomas, Stormwater Utility Manager
Re: Funding Authorization for 5695 Trowbridge Drive Storm Repairs
Date: April 8th, 2024

Action

Authorize the Mayor, City Manager, or designee to approve \$59,811.68 in funding for Stormwater Pipe Repairs at 5695 Trowbridge Drive utilizing Federal EC's (FEC) existing on-call, unit price contract.

Summary/Details

Structural deficiencies to the storm system on Trowbridge Drive were identified performing routine inspections of infrastructure. The pipe system is composed of +/- 70 linear feet (LF) of 76-inch corrugated metal pipe (CMP) that is approximately 50 years old and in poor condition. Closed-Caption Television (CCTV) footage discovered corrosion, visible holes, and minor joint separation. Recommended repairs include:

- Repair +/- 70 LF of 76-inch CMP with Centrifugal Spin Cast Lining
- Re-grout stone masonry headwall
- 32 hours bypass pumping
- 4 days minor traffic control

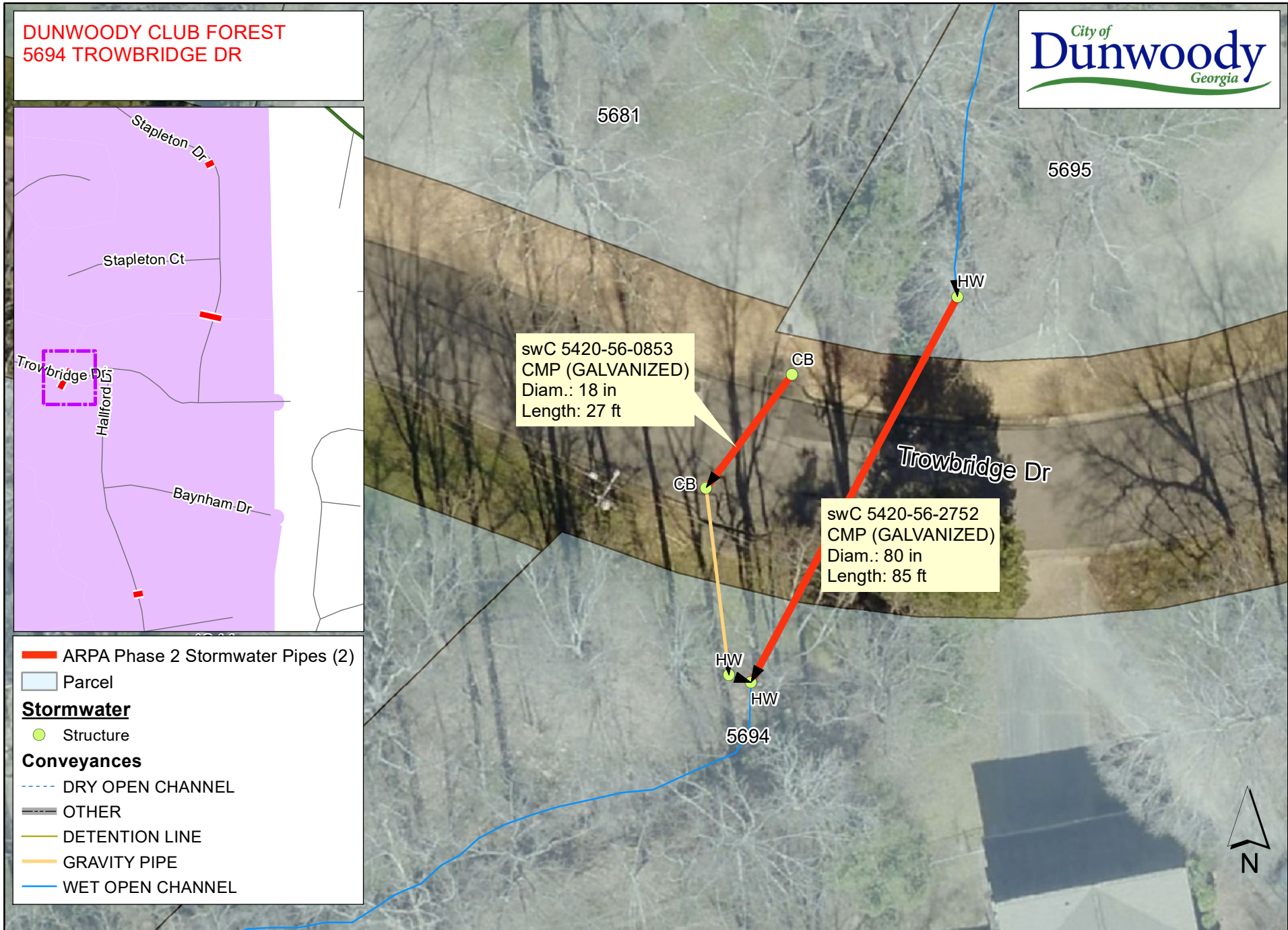
If approved by Council, this project will be funded from the Stormwater Repairs and Maintenance budget allocated for stormwater improvement projects.

Recommendation

Authorize the Mayor, City Manager, or designee to approve \$59,811.68 in funding for Stormwater Pipe Repairs at 5695 Trowbridge Drive utilizing Federal EC's (FEC) existing on-call, unit price contract.



Stone Headwall -w- moderate grout deterioration
Invert Corrosion With Visible Holes
Major Joint Separation



Federal EC

5695 TROWBRIDGE DR

swC 5420-56-2752

Storm Sewer Rehabilitation				
Mobilization	1	EA	\$ 1,333.63	\$ 1,333.63
Traffic Control Minor	4	DAY	\$ 1,066.90	\$ 4,267.60
Bypass Setup	1	EA	\$ 1,600.35	\$ 1,600.35
Bypass Operation	32	HR	\$ 138.70	\$ 4,438.40
76" Cleaning	74	LF	\$ 20.27	\$ 1,499.98
76" Spincast	74	LF	\$ 534.93	\$ 39,584.82
76" Grout Ends of Liner to Structure	2	EA	\$ 619.40	\$ 1,238.80
CCTV Inspection Post Lining	81	LF	\$ 5.07	\$ 410.67
Restoration	1	LS	TBD	TBD
Subtotal				\$ 54,374.25
10% Contingency				\$ 5,437.43
			Total	\$ 59,811.68