

To: Mayor and City Council
From: Carl Thomas, Stormwater Utility Manager
Re: Funding Authorization for 2419 Redcliff Way Storm Repairs
Date: January 23rd, 2023

Action

Authorize the Mayor, City Manager, or designee to approve \$116,746.30 in funding for Stormwater Pipe Repairs at 2419 Redcliff Way.

Summary/Details

Structural deficiencies to the storm system on 2419 Redcliff Way were identified performing routine site inspections to the storm infrastructure. The pipe system is composed of +/- 160 linear feet of 48 and 18-inch corrugated metal pipe (CMP) that is approximately 49 years old and in poor condition. Closed-Caption Television (CCTV) footage discovered severe invert corrosion, joint separation, and root penetration in the pipe system. Recommended repairs include:

- Repair +/- 160 LF of 48 and 18-inch CMP with Centrifugal Spincast Lining and Cured in Place Pipe
- Repair (2) four-foot manhole invert
- Three cubic yards pressure grouting for invert repairs

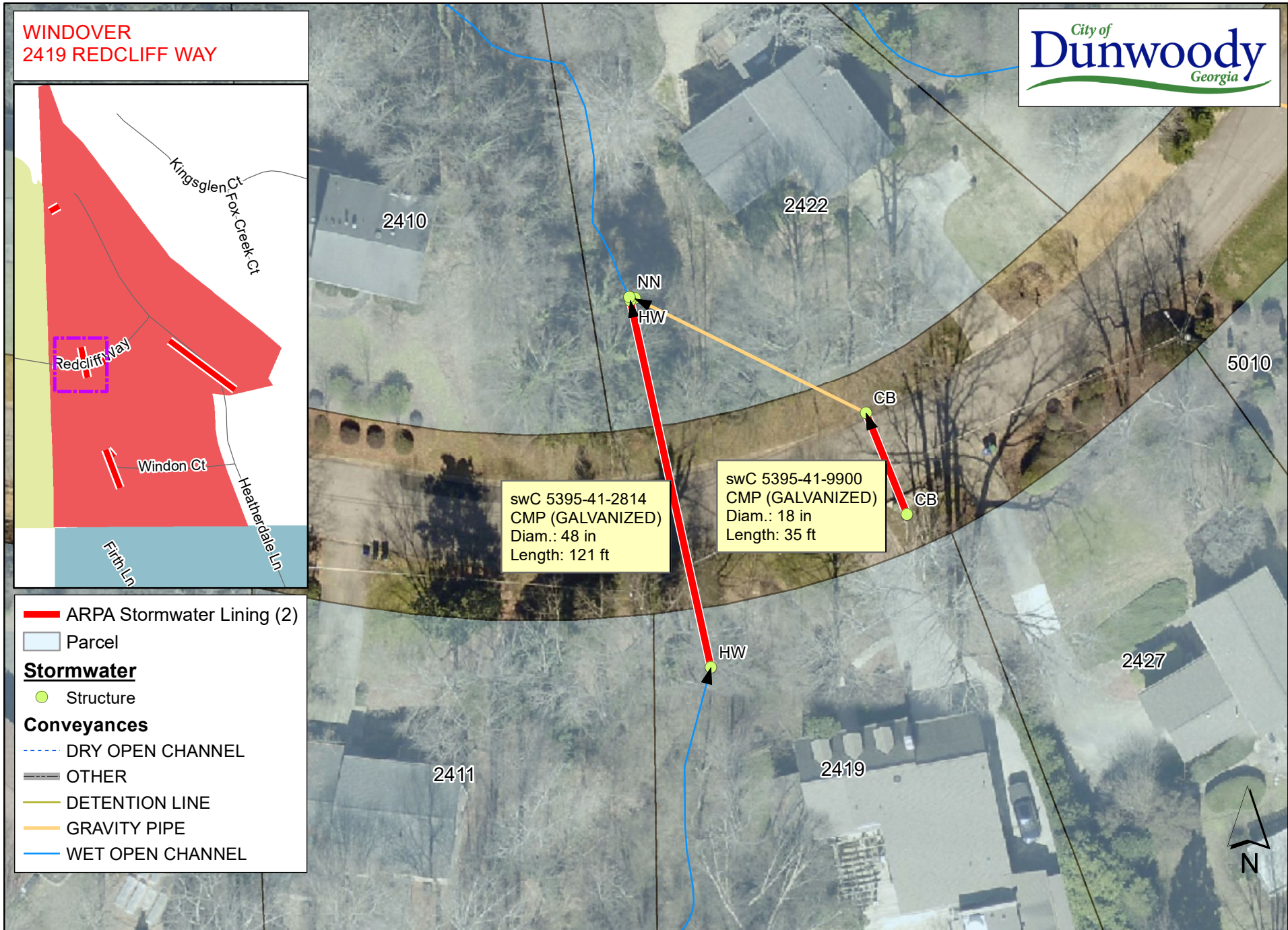
If approved by Council, this project will be funded from the American Rescue Plan Act (ARPA) budget allocated for stormwater improvement projects.

Recommendation

Staff recommends approving \$116,746.30 in funding for Stormwater Pipe Repairs at 2419 Redcliff Way.



Severe Corrosion, Joint Separation, and Root Infiltration



CITY OF DUNWOODY RFP 22-03 STANDBY STORMWATER REPAIR UNIT PRICE CONTRACT

SOUTHERN PREMIER CONTRACTORS, INC. 2022

PROJECT LOCATION:

2419 Redcliff Way

PREPARED BY:

M. Massey

DATE INVOICE PREPARED:

11.30.22

TOTAL INVOICE

\$

106,133.00

10%

\$

10,613.30

\$

116,746.30

Scope of Work:

Prep pipes for lining

Line cross drains

Grout pipes, structures, install inverts

Landscape disturbed areas

Item#	Item	Quantity	Unit	Unit Price	Total Cost
1ND	Mobilization	1	EA	\$ 2,000.00	\$ 2,000.00
5ND	Traffic Control Minor 2 – Includes Cones and Signage	8	Per Day	\$ 1,800.00	\$ 14,400.00
136ND	48" Diameter	6	LF	\$ 400.00	\$ 2,400.00
207ND	Cast-in-Place Top Only w/Ring & Cover	1	CY	\$ 2,500.00	\$ 2,500.00
209ND	Invert Installation, 4' Diameter	2	EA	\$ 450.00	\$ 900.00
	Pressure Grouting (Pumping included if needed)	3	CY	\$ 1,800.00	\$ 5,400.00
222ND	18" Grout Each End to Structure	2	EA	\$ 195.00	\$ 390.00
234ND	Grout all joint, cracks & holes, in structures, complete (structures 8' deep or less)	2	EA	\$ 800.00	\$ 1,600.00
238ND	18" PIPE - 9.0mm (.354")	37	LF	\$ 150.00	\$ 5,550.00
270ND	Inversion Setup Charge 15"- 36" CIPP	1	EACH	\$ 2,500.00	\$ 2,500.00
276ND	48" Cent. Spin Cast Lining	116	LF	\$ 550.00	\$ 63,800.00
370ND	Finish Grading	57	SY	\$ 10.00	\$ 570.00
372ND	Debris Removal	4	CY	\$ 75.00	\$ 300.00
382ND	Install & Remove Orange Tree Save Fence	70	LF	\$ 10.00	\$ 700.00
389ND	Sodding Complete-Bermuda	57	SY	\$ 15.00	\$ 855.00
393ND	Pine Straw	2	EA	\$ 9.00	\$ 18.00
409ND	Removal of Existing Drainage Structure	1	EA	\$ 2,250.00	\$ 2,250.00