

To: Mayor and City Council
From: Carl Thomas, Stormwater Utility Manager
Re: Funding Authorization for 2428 Sandell Drive Storm Repairs
Date: March 27, 2023

Action

Authorize the Mayor, City Manager, or designee to approve \$74,361.60 in funding for Stormwater Pipe Repairs at 2428 Sandell Drive.

Summary/Details

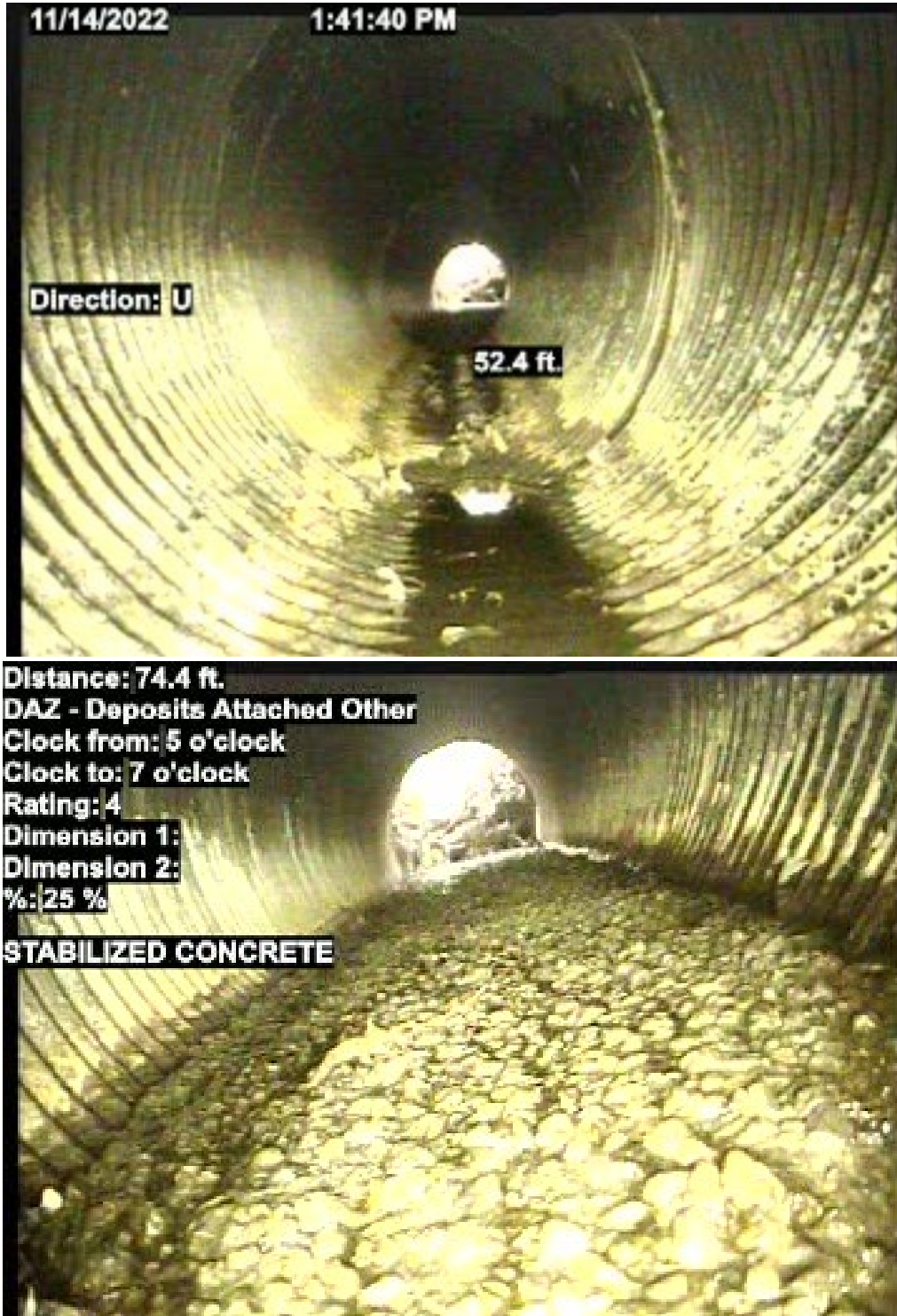
Structural deficiencies to the storm system on Sandell Drive were identified performing routine site inspections to the storm infrastructure. The pipe system is composed of +/- 120 linear feet of 21 and 36-inch corrugated metal pipe (CMP) that is approximately 54 years old and in poor condition. Closed-Caption Television (CCTV) footage discovered corrosion, visible holes, and minor joint separation. Recommended repairs include:

- Repair +/- 120 LF of 21 and 36-inch CMP with Cured-In-Place Pipe (CIPP) liner
- Remove four cubic yards of flowable fill
- 57 SY Bermuda Sod replacement

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 \$74,361.60 in funding for Stormwater Pipe Repairs at 2428 Sandell Drive.



Minor Corrosion and Joint Separation, Flowable Fill Invert Repairs

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

SOUTHERN PREMIER CONTRACTORS, INC. 2022

PROJECT LOCATION:

2428 Sandell Drive

PREPARED BY:

M. Massey

DATE INVOICE PREPARED:

11.30.22

TOTAL INVOICE

\$

61,968.00

10%

\$

12,393.60

\$

74,361.60

Scope of Work:

Prep pipes for lining

Line cross drains

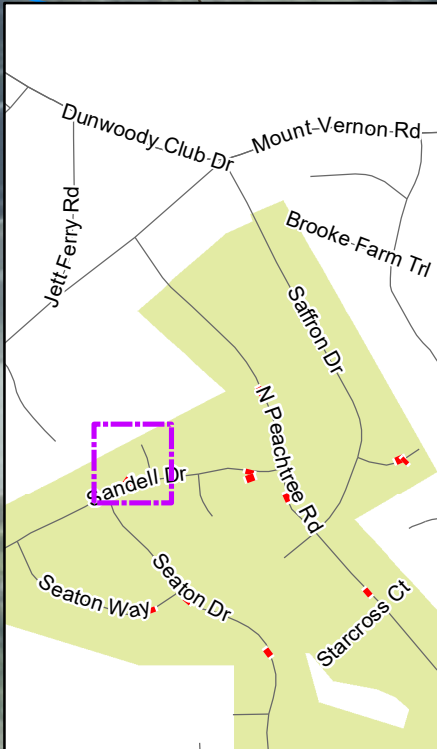
Grout pipes, structures, install inverts

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	4	Per Day	\$ 1,800.00	\$ 7,200.00
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)	1	CY	\$ 1,800.00	\$ 1,800.00
223ND	21" Grout Each End to Structure	2	EA	\$ 200.00	\$ 400.00
227ND	36" Grout Each End to Structure	2	EA	\$ 275.00	\$ 550.00
234ND	Grout all joint, cracks & holes, in structures, complete (structures 8' deep or less)	4	EA	\$ 800.00	\$ 3,200.00
239DN	21" PIPE - 9.0mm (.354")	35	LF	\$ 170.00	\$ 5,950.00
242ND	36" PIPE - 16.5mm (.650")	101	LF	\$ 275.00	\$ 27,775.00
270ND	Inversion Setup Charge 15"- 36" CIPP	2	EACH	\$ 2,500.00	\$ 5,000.00
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



KINGSLEY (1)
2428 SANDELL DR



ARPA Stormwater Lining (2)

Parcel

Stormwater

Structure

Conveyances

DRY OPEN CHANNEL

OTHER

DETENTION LINE

GRAVITY PIPE

WET OPEN CHANNEL

