

To: Mayor and City Council
From: Carl Thomas, Stormwater Utility Manager
Re: Funding Authorization for 5617 Woodsong Trail Storm Repairs
Date: November 28th, 2022

Action

Authorize the Mayor, City Manager, or designee to approve \$74,640.94 in funding for Stormwater Pipe Repairs at 5617 Woodsong Trail.

Summary/Details

Structural deficiencies to the storm system on Woodsong Trail were identified responding to a sinkhole reported by the property owner. The pipe system is composed of +/- 240 linear feet of 18 and 21-inch corrugated metal pipe (CMP) that is approximately 31 years old and in poor condition. Closed-Caption Television (CCTV) footage discovered root infiltration, corrosion, and visible holes in the pipe system. Recommended repairs include:

- Point repairs to 10 LF of 21-inch severely corroded CMP
- Repair 240 LF of CMP with Cured In Place Pipe (CIPP) liner
- 2 cubic yards (CY) flowable fill

This project will be funded from the FY2022 Stormwater Repairs and Maintenance Budget if approved by Council.

Recommendation

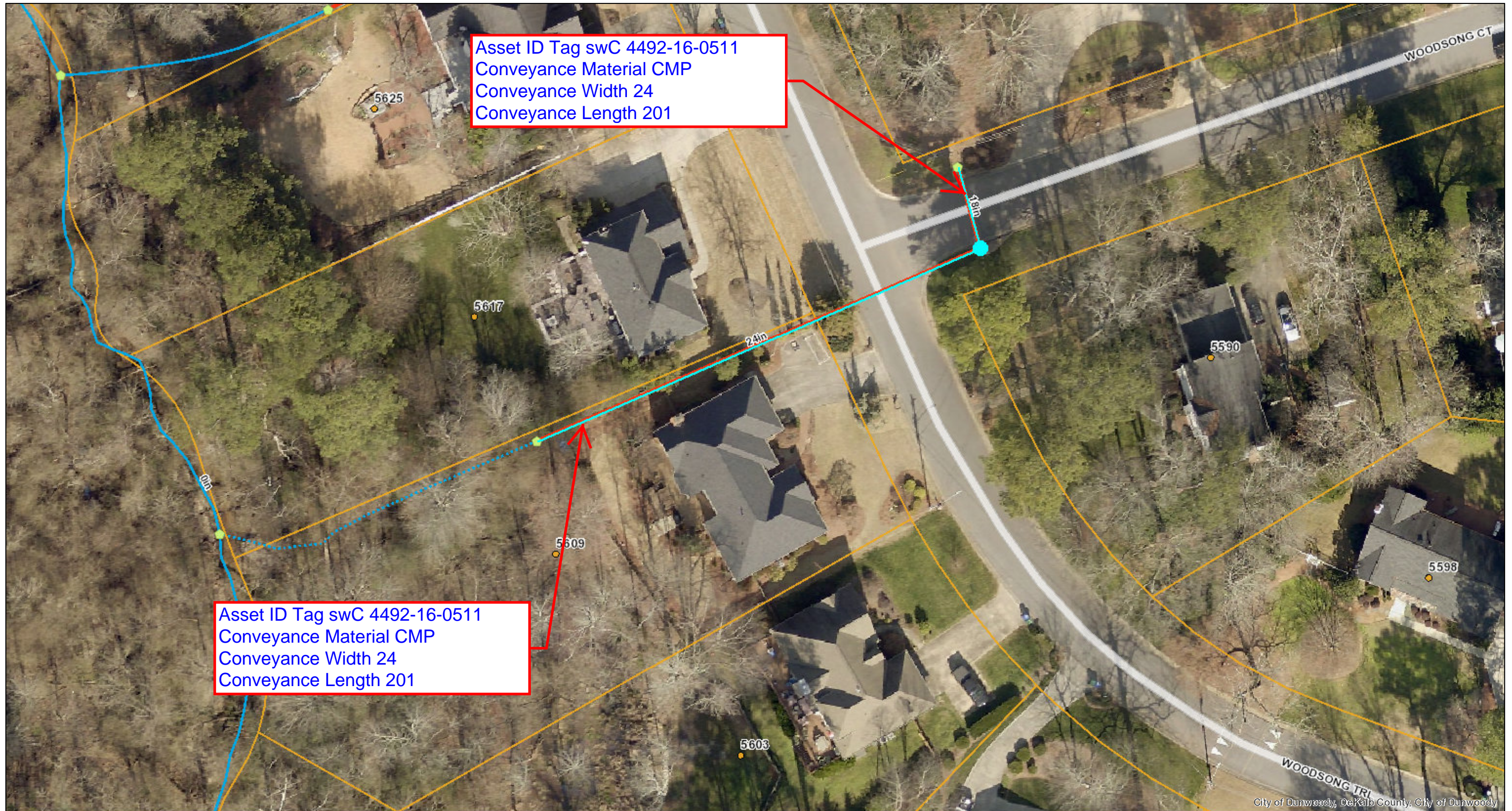
Staff recommends approving \$74,640.94 in funding for Stormwater Pipe Repairs at 5617 Woodsong Trail.



Severe Corrosion with Large Voids



Root Intrusion, Severe Corrosion with Large Voids #2



The City of Dunwoody does not warrant the accuracy or currency of the map provided and does not guarantee the suitability of the map for any purpose, expressed or implied.

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

SOUTHERN PREMIER CONTRACTORS, INC. 2022

PROJECT LOCATION:

5617 Woodsong Trail

PREPARED BY:

M. Massey

DATE INVOICE PREPARED:

11/14/2022

TOTAL INVOICE \$ 67,855.40

10% \$ 6,785.54

\$ 74,640.94

Scope of Work:

Lining:

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	3	Per Day	\$ 1,800.00	\$ 5,400.00
12ND	18" PIPE - Cleaning less than 25% full	34	LF	\$ 5.85	\$ 198.90
30ND	21" PIPE - Cleaning 25% full or greater	210	LF	\$ 8.25	\$ 1,732.50
131ND	18" Diameter Point Repair	1	LF	\$ 600.00	\$ 600.00
132ND	24" Diameter Point Repair	6	LF	\$ 550.00	\$ 3,300.00
209ND	Invert Installation, 4' Diameter	2	EA	\$ 450.00	\$ 900.00
219ND	Flowable Fill Abandonment (Pumping included if needed)	2	CY	\$ 1,500.00	\$ 3,000.00
222ND	18" Grout Each End to Structure	2	EA	\$ 195.00	\$ 390.00
223ND	21" Grout Each End to Structure	2	EA	\$ 200.00	\$ 400.00
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")	35	LF	\$ 150.00	\$ 5,250.00
239DN	21" PIPE - 9.0mm (.354")	211	LF	\$ 170.00	\$ 35,870.00
255ND	Additional Cost Per 1.5mm (.0591") Thickness - 18" PIPE	35	LF	\$ 9.00	\$ 315.00
256ND	Additional Cost Per 1.5mm (.0591") Thickness - 21" PIPE	211	LF	\$ 9.00	\$ 1,899.00
270ND	Inversion Setup Charge 15"- 36" CIPP	2	EACH	\$ 2,500.00	\$ 5,000.00