

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

Lynn Deutsch Mayor Eric Linton ICMA-CM City Manager Sharon Lowery CMC City Clerk

Catherine Lautenbacher City Council Post 1 Stacey Harris City Council Post 4 Rob Price City Council Post 2 Tom Lambert City Council Post 3

Joe Seconder City Council Post 5 John Heneghan City Council Post 6 Packet page:...



4800 Ashford Dunwoody Road Dunwoody, Georgia 30338 dunwoodyga.gov | 678.382.6700



Root Intrusion, Severe Corrosion with Large Voids #2

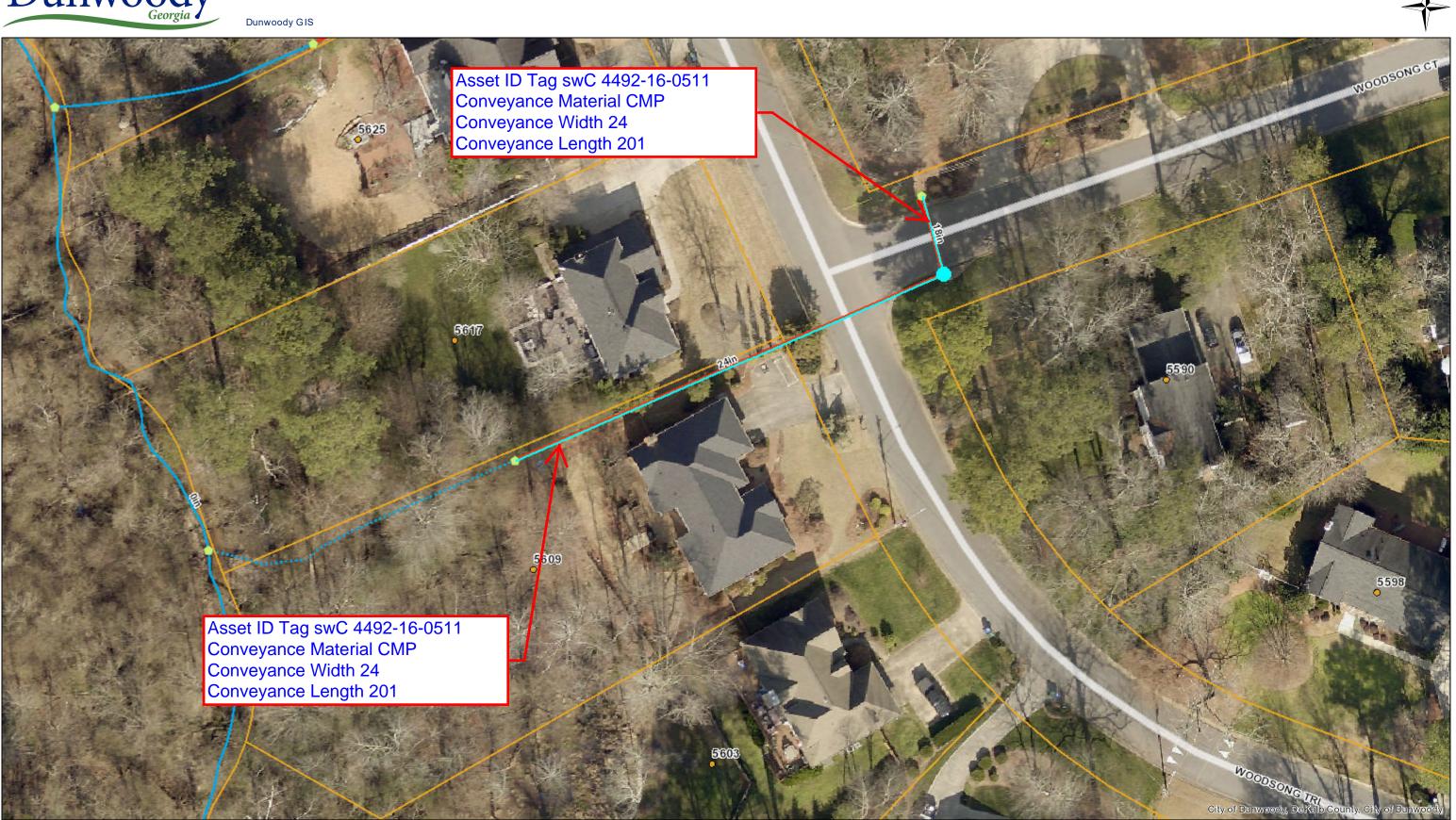
Lynn Deutsch Mayor Eric Linton ICMA-CM City Manager Sharon Lowery CMC City Clerk

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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.

1:564 0 0.003250.0065 0.013 mi 0.03 km 0.0075 0.015 0

	SOUTHERN PREMIER CONTRACTO	ORS, INC.	2022				
	PROJECT LOCATION:	5617 Woodsong Trail M. Massey 11/14/2022					
	PREPARED BY:						
	DATE INVOICE PREPARED:						
	TOTAL INVOICE						67,855.4
	10%						6,785.5
		\$					74,640.9
	Scope of Work:						
	Lining:						
Item#	Item	Quantity	Unit	U	nit Price		Total Cost
1ND	Mobilization	1	EA	\$	2,000.00	\$	
1ND 5ND	Mobilization Traffic Control Minor 2 – Includes Cones and Signage	1	EA Per Day			\$ \$	2,000.0
				\$	2,000.00		2,000.0 5,400.0
5ND	Traffic Control Minor 2 – Includes Cones and Signage	3	Per Day	\$ \$	2,000.00 1,800.00	\$	2,000.0 5,400.0 198.9
5ND 12ND	Traffic Control Minor 2 – Includes Cones and Signage 18" PIPE - Cleaning less than 25% full	3	Per Day LF	\$ \$ \$	2,000.00 1,800.00 5.85	\$ \$	2,000.0 5,400.0 198.9 1,732.5
5ND 12ND 30ND	Traffic Control Minor 2 – Includes Cones and Signage 18" PIPE - Cleaning less than 25% full 21" PIPE - Cleaning 25% full or greater	3 34 210	Per Day LF LF	\$ \$ \$ \$	2,000.00 1,800.00 5.85 8.25	\$ \$ \$	2,000.0 5,400.0 198.9 1,732.5 600.0
5ND 12ND 30ND 131ND	Traffic Control Minor 2 – Includes Cones and Signage 18" PIPE - Cleaning less than 25% full 21" PIPE - Cleaning 25% full or greater 18" Diameter Point Repair	3 34 210 1	Per Day LF LF LF	\$ \$ \$ \$ \$	2,000.00 1,800.00 5.85 8.25 600.00	\$ \$ \$ \$	2,000.0 5,400.0 198.9 1,732.5 600.0 3,300.0
5ND 12ND 30ND 131ND 132ND	Traffic Control Minor 2 – Includes Cones and Signage 18" PIPE - Cleaning less than 25% full 21" PIPE - Cleaning 25% full or greater 18" Diameter Point Repair 24" Diameter Point Repair	3 34 210 1 6	Per Day LF LF LF LF	\$ \$ \$ \$ \$ \$	2,000.00 1,800.00 5.85 8.25 600.00 550.00	\$ \$ \$ \$ \$	2,000.0 5,400.0 198.9 1,732.5 600.0 3,300.0 900.0
5ND 12ND 30ND 131ND 132ND 209ND	Traffic Control Minor 2 – Includes Cones and Signage 18" PIPE - Cleaning less than 25% full 21" PIPE - Cleaning 25% full or greater 18" Diameter Point Repair 24" Diameter Point Repair Invert Installation, 4' Diameter	3 34 210 1 6 2	Per Day LF LF LF LF EA	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2,000.00 1,800.00 5.85 8.25 600.00 550.00 450.00	\$ \$ \$ \$ \$ \$	2,000.0 5,400.0 198.5 1,732.5 600.0 3,300.0 900.0 3,000.0
5ND 12ND 30ND 131ND 132ND 209ND 219ND	Traffic Control Minor 2 – Includes Cones and Signage 18" PIPE - Cleaning less than 25% full 21" PIPE - Cleaning 25% full or greater 18" Diameter Point Repair 24" Diameter Point Repair Invert Installation, 4' Diameter Flowable Fill Abandonment (Pumping included if needed)	3 34 210 1 6 2 2 2	Per Day LF LF LF LF EA CY	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2,000.00 1,800.00 5.85 8.25 600.00 550.00 450.00 1,500.00	\$ \$ \$ \$ \$ \$ \$ \$	2,000.0 5,400.0 198.9 1,732.5 600.0 3,300.0 900.0 3,000.0 390.0
5ND 12ND 30ND 131ND 132ND 209ND 219ND 222ND	Traffic Control Minor 2 – Includes Cones and Signage 18" PIPE - Cleaning less than 25% full 21" PIPE - Cleaning 25% full or greater 18" Diameter Point Repair 24" Diameter Point Repair Invert Installation, 4' Diameter Flowable Fill Abandonment (Pumping included if needed) 18" Grout Each End to Structure	3 34 210 1 6 2 2 2 2 2	Per Day LF LF LF EA CY EA	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2,000.00 1,800.00 5.85 8.25 600.00 550.00 450.00 1,500.00 195.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2,000.0 5,400.0 198.9 1,732.5 600.0 3,300.0 3,000.0 3,000.0 390.0 400.0
5ND 12ND 30ND 131ND 132ND 209ND 219ND 222ND 223ND	Traffic Control Minor 2 – Includes Cones and Signage 18" PIPE - Cleaning less than 25% full 21" PIPE - Cleaning 25% full or greater 18" Diameter Point Repair 24" Diameter Point Repair Invert Installation, 4' Diameter Flowable Fill Abandonment (Pumping included if needed) 18" Grout Each End to Structure 21" Grout Each End to Structure	3 34 210 1 6 2 2 2 2 2 2 2 2	Per Day LF LF LF EA CY EA EA	\$ \$	2,000.00 1,800.00 5.85 8.25 600.00 550.00 450.00 1,500.00 195.00 200.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2,000.0 2,000.0 5,400.0 198.9 1,732.5 600.0 3,300.0 3,000.0 3900.0 390.0 400.0 1,600.0 5,250.0
5ND 12ND 30ND 131ND 209ND 219ND 222ND 222ND 234ND	Traffic Control Minor 2 – Includes Cones and Signage 18" PIPE - Cleaning less than 25% full 21" PIPE - Cleaning 25% full or greater 18" Diameter Point Repair 24" Diameter Point Repair Invert Installation, 4' Diameter Flowable Fill Abandonment (Pumping included if needed) 18" Grout Each End to Structure 21" Grout Each End to Structure Grout all joint, cracks & holes, in structures, complete (structures 8' deep or less)	3 34 210 1 6 2 2 2 2 2 2 2 2 2 2	Per Day LF LF LF EA CY EA EA EA	S S	2,000.00 1,800.00 5.85 8.25 600.00 550.00 450.00 1,500.00 195.00 200.00 800.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2,000.0 5,400.0 198.9 1,732.5 600.0 3,300.0 3,000.0 3,000.0 390.0 400.0 1,600.0
5ND 12ND 30ND 131ND 132ND 209ND 219ND 222ND 223ND 233ND	Traffic Control Minor 2 – Includes Cones and Signage 18" PIPE - Cleaning less than 25% full 21" PIPE - Cleaning 25% full or greater 18" Diameter Point Repair 24" Diameter Point Repair Invert Installation, 4' Diameter Flowable Fill Abandonment (Pumping included if needed) 18" Grout Each End to Structure 21" Grout Each End to Structure Grout all joint, cracks & holes, in structures, complete (structures 8' deep or less) 18" PIPE - 9.0mm (.354")	3 34 210 1 6 2 2 2 2 2 2 2 2 2 2 35	Per Day LF LF LF EA CY EA EA EA EA	\$ \$	2,000.00 1,800.00 5.85 8.25 600.00 550.00 450.00 1,500.00 195.00 200.00 800.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2,000.0 5,400.0 198.9 1,732.5 600.0 3,300.0 3,000.0 3,000.0 3,000.0 400.0 1,600.0 5,250.0
5ND 12ND 30ND 131ND 132ND 209ND 219ND 222ND 234ND 234ND 239DN	Traffic Control Minor 2 – Includes Cones and Signage 18" PIPE - Cleaning less than 25% full 21" PIPE - Cleaning 25% full or greater 18" Diameter Point Repair 24" Diameter Point Repair Invert Installation, 4' Diameter Flowable Fill Abandonment (Pumping included if needed) 18" Grout Each End to Structure 21" Grout Each End to Structure Grout all joint, cracks & holes, in structures, complete (structures 8' deep or less) 18" PIPE - 9.0mm (.354") 21" PIPE - 9.0mm (.354")	3 34 210 1 6 2 2 2 2 2 2 2 2 2 2 2 35 211	Per Day LF LF LF EA CY EA EA EA EA LF	\$ \$	2,000.00 1,800.00 5.85 8.25 600.00 550.00 450.00 1,500.00 195.00 200.00 800.00 150.00 170.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2,000.0 5,400.0 198.9 1,732.5 600.0 3,300.0 3,300.0 3,000.0 3900.0 400.0 1,600.0 5,250.0 35,870.0