

**To:** Mayor and City Council  
**From:** Carl Thomas, Stormwater Utility Manager  
**Re:** Funding Authorization for 4517 Dunwoody Club Drive Storm Repairs  
**Date:** December 12<sup>th</sup>, 2022

**Action**

Authorize the Mayor, City Manager, or designee to approve \$210,750.90 in funding for Stormwater Pipe Repairs at 4517 Dunwoody Club Drive.

**Summary/Details**

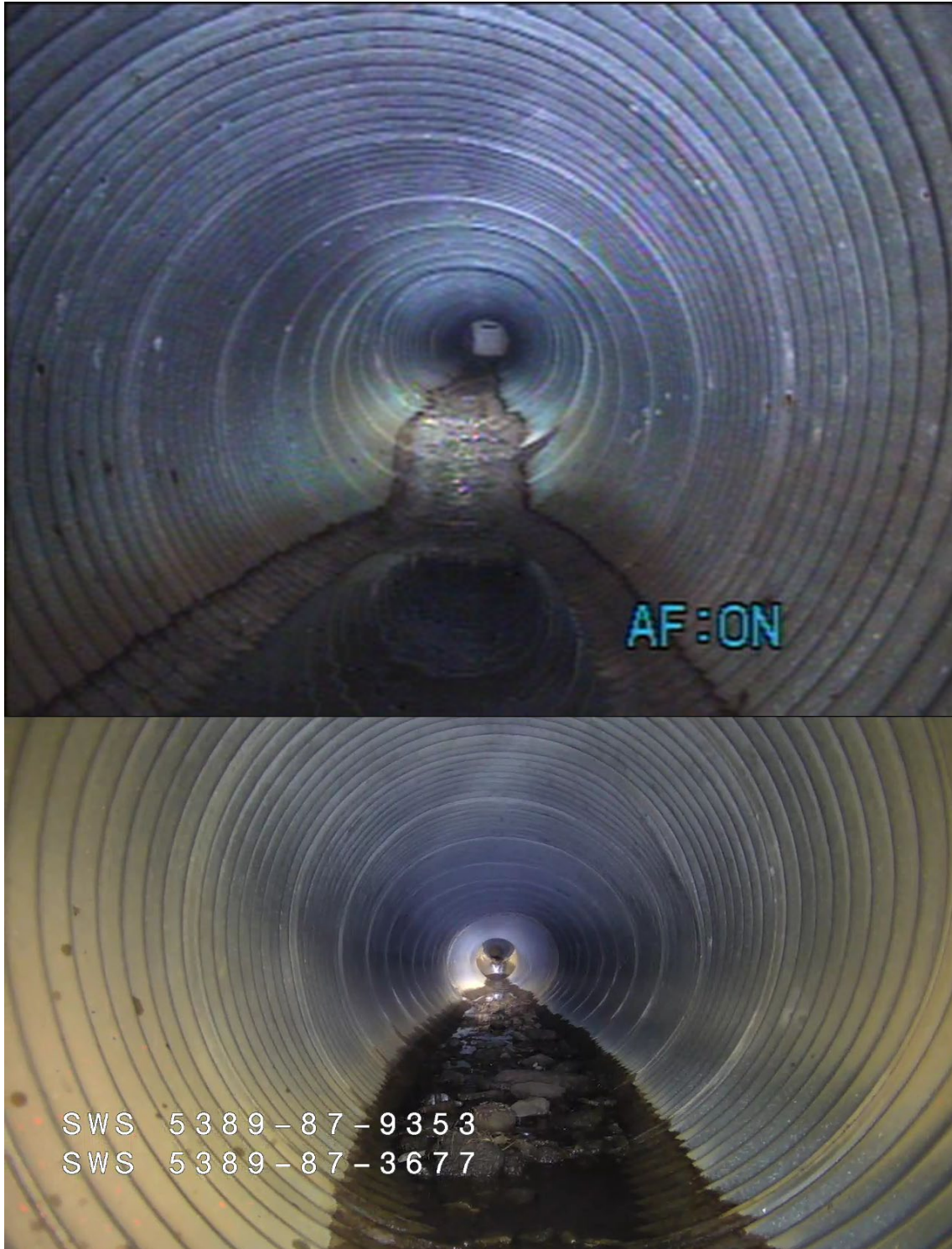
Structural deficiencies to the storm system on Dunwoody Club Drive were identified performing routine site inspections to the storm infrastructure. The pipe system is composed of +/- 500 linear feet of 36, 42, and 48-inch corrugated metal pipe that is approximately 39 years old and in poor condition. Closed-Caption Television (CCTV) footage discovered corrosion and visible holes in the pipe system. Recommended repairs include:

- Repair 500 LF of (CMP) with centrifugal spincast liner
- Repair Missing Inverts with flowable fill Prior to Lining

If approved by Council, this project will be funded from the stormwater utility's 2022 Repairs and Maintenance budget allocated for stormwater improvement projects.

**Recommendation**

Staff recommends approving \$210,750.90 in funding for Stormwater Pipe Repairs at 4517 Dunwoody Club Drive.



**Severe Corrosion, Water Sag, Visible Holes**

**Federal EC****4517 Dunwoody Club Storm Repairs**

Storm Sewer Rehabilitation			
Mobilization	1	EA	\$ 1,250.00
Traffic Control Minor2	12	DAY	\$ 1,000.00
CCTV Storm Piping Pre Lining	504	LF	\$ 4.75
CCTV Storm Piping Post Lining	504	LF	\$ 4.75
Storm Line Cleaning 36": Less Than 25%	319	LF	\$ 7.25
Storm Line Cleaning 42": Less Than 25%	120	LF	\$ 8.25
Storm Line Cleaning 48": Less Than 25%	65	LF	\$ 9.00
Repair Missing Invert Prior to Lining	504	CF	\$ 50.00
36 Inch Spincast	319	LF	\$ 225.00
42 Inch Spincast	120	LF	\$ 265.00
48 Inch Spincast	65	LF	\$ 305.00
36 Grout Ends of Liner to Structure	8	EA	\$ 300.00
42 Grout Ends of Liner to Structure	4	EA	\$ 325.00
48 Grout Ends of Liner to Structure	4	EA	\$ 350.00
Subtotal			
20% Contingency			

**Total****Pipe Section Detail**

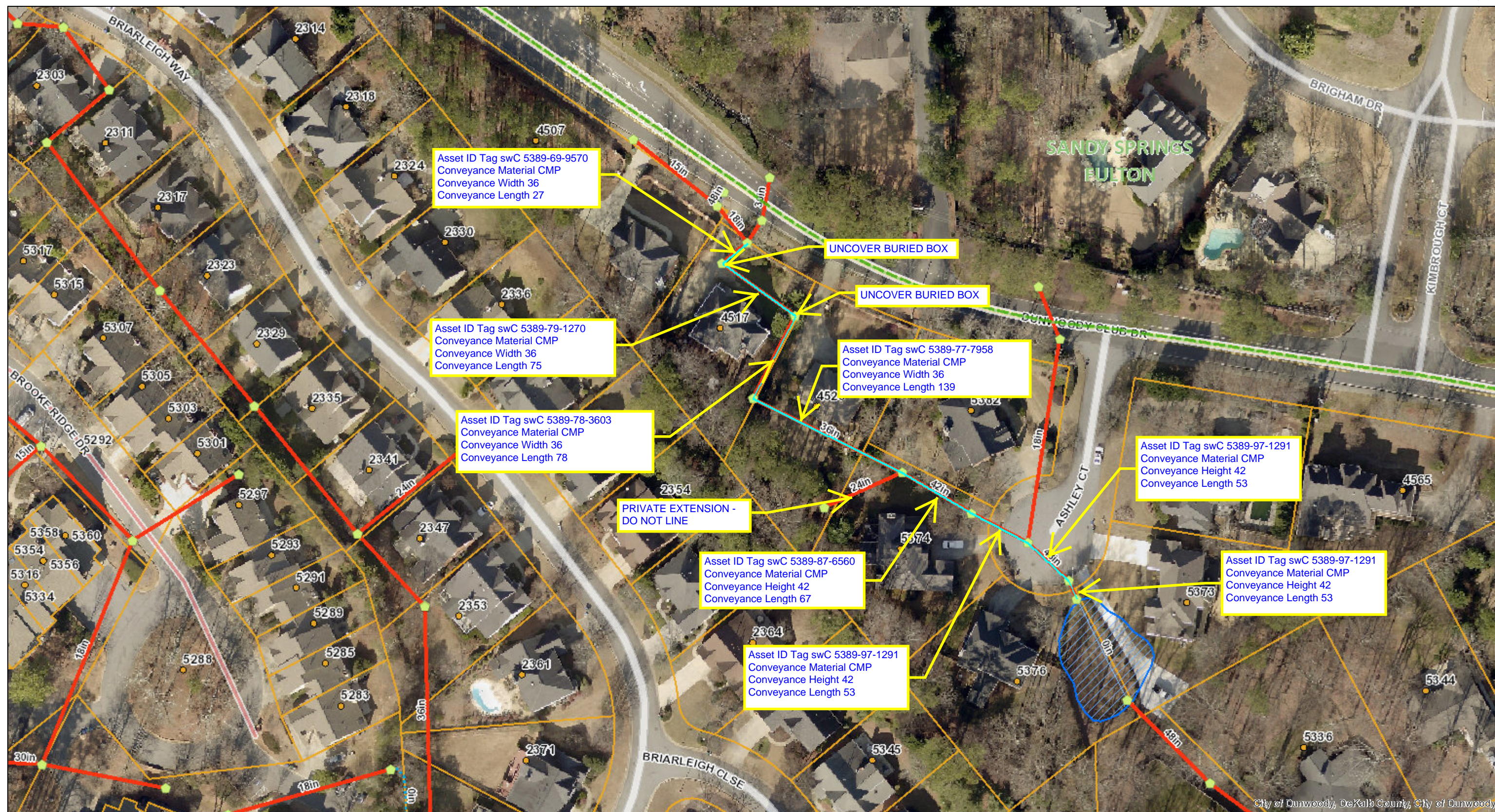
Size	Length
36	27
36	75
36	78
36	139
42	67
42	53
48	47
48	18

**Totals**

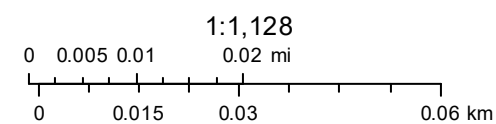
36	319
42	120
48	65
	504

\$	1,250.00
\$	12,000.00
\$	2,394.00
\$	2,394.00
\$	2,312.75
\$	990.00
\$	585.00
\$	25,200.00
\$	71,775.00
\$	31,800.00
\$	19,825.00
\$	2,400.00
\$	1,300.00
\$	1,400.00
\$	<b>175,625.75</b>
\$	<b>35,125.15</b>
\$	<b>210,750.90</b>





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.





**To:** Mayor and City Council  
**From:** Carl Thomas, Stormwater Utility Manager  
**Re:** Funding Authorization for 5583 Glenrich Drive Storm Repairs  
**Date:** December 12<sup>th</sup>, 2022

**Action**

Authorize the Mayor, City Manager, or designee to approve \$127,028.00 in funding for Stormwater Pipe Repairs at 5583 Glenrich Drive.

**Summary/Details**

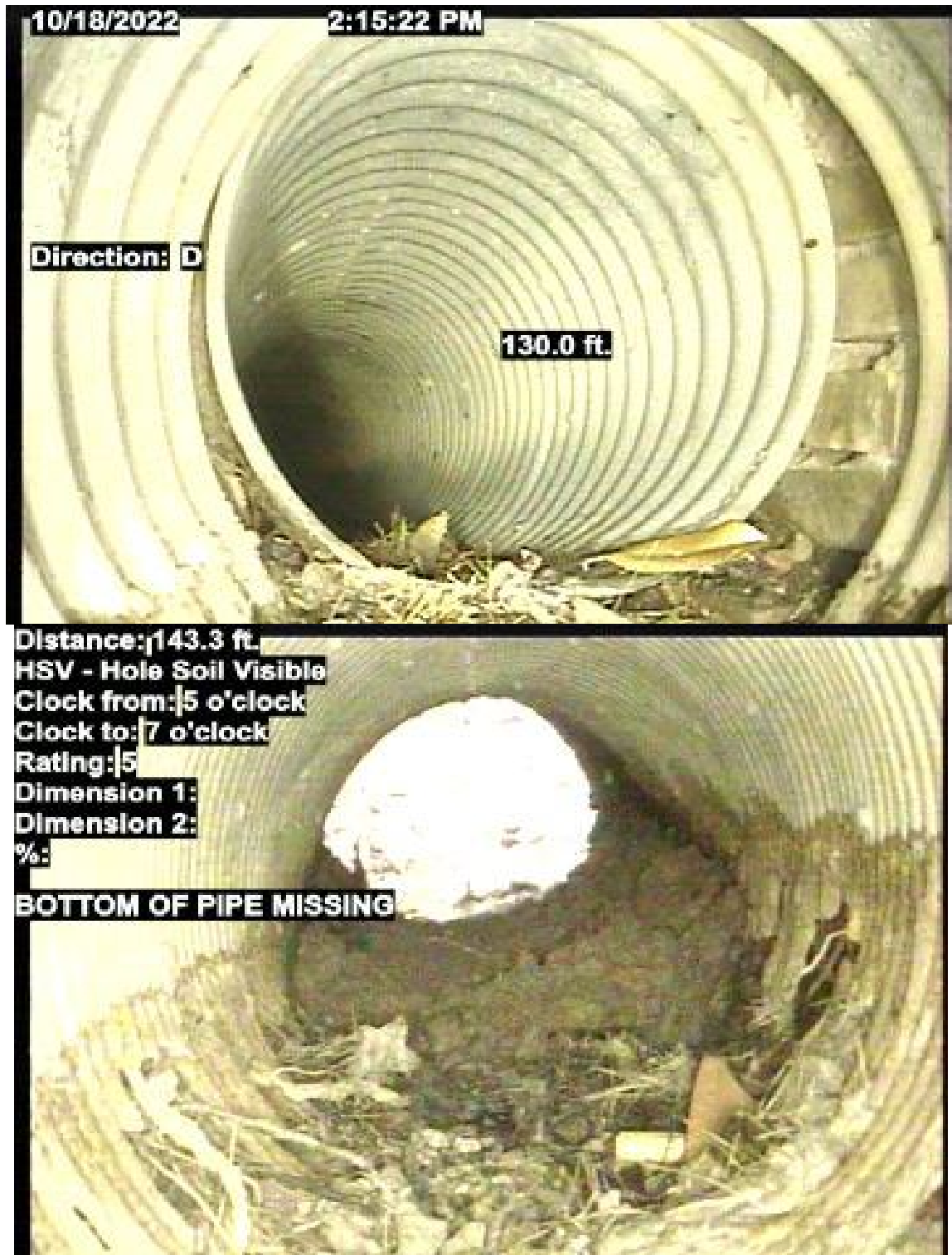
Structural deficiencies to the storm system on Glenrich Drive were identified responding to a sinkhole reported by the property owner. The pipe system is composed of +/- 500 linear feet of 36, 42, and 48-inch corrugated metal pipe (CMP) that is approximately 56 years old and in poor condition. Closed-Caption Television (CCTV) footage discovered corrosion, visible holes, and deformities in the pipe system. Recommended repairs include:

- Repair +/- 280 LF of CMP with Cured-In-Place Pipe (CIPP) liner
- Dig & Replace 30 LF of deformed CMP
- Install 5-foot precast concrete junction box

If approved by Council, this project will be funded from the stormwater utility's 2022 Repairs and Maintenance budget allocated for stormwater improvement projects.

**Recommendation**

Staff recommends approving \$127,028.00 in funding for Stormwater Pipe Repairs at 5583 Glenrich Drive.



Severe Corrosion, Large Holes, Joint Separation

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

## SOUTHERN PREMIER CONTRACTORS, INC. 2022

PROJECT LOCATION:

5583 Glenrich Drive

PREPARED BY:

M. Massey

DATE INVOICE PREPARED:

11/16/2022

TOTAL INVOICE

\$

115,480.00

10%

\$

11,548.00

\$

127,028.00

## Scope of Work:

Remove and replace last 30' CMP, Install new JB with Manway access at Doghouse

Remove and replace solid top on CB

Prepare 36" pipe for lining

Lining:

Line 36" pipe

Line 18" pipe

Post work:

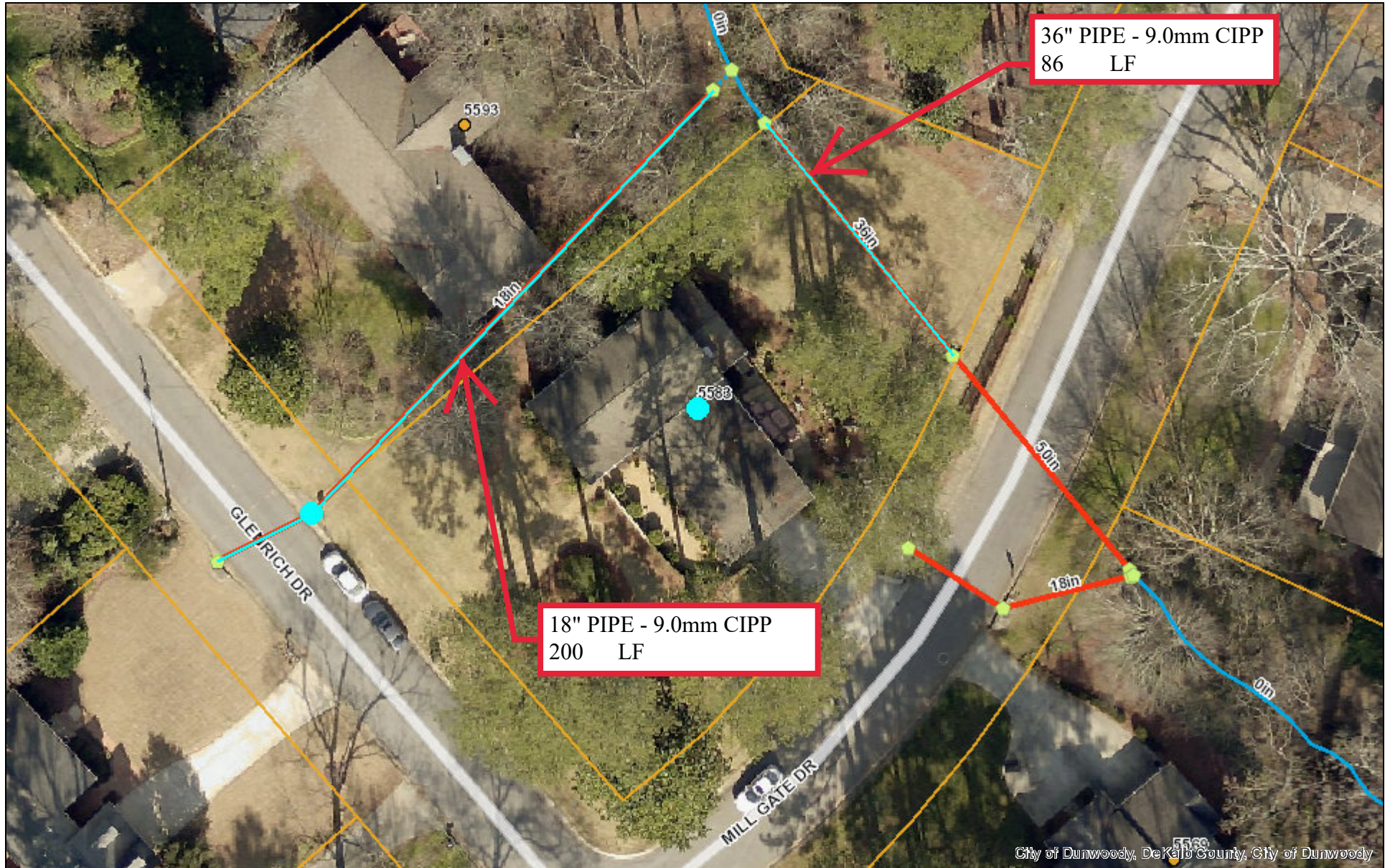
Inverts/grouts

Landscape disturbed areas

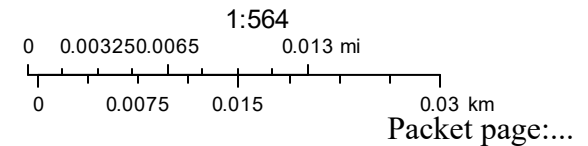
Item#	Item	Quantity	Unit	Unit Price	Total Cost
1ND	Mobilization	1	EA	\$ 2,000.00	\$ 2,000.00
5ND	Traffic Control Minor 2 – Includes Cones and Signage	4	Per Day	\$ 1,800.00	\$ 7,200.00
47ND	18" SRCMP	30	LF	\$ 70.00	\$ 2,100.00
95ND	Precast Headwall for 18" Pipe	1	EA	\$ 950.00	\$ 950.00
131ND	18" Diameter	2	LF	\$ 600.00	\$ 1,200.00
134ND	36" Diameter	3	LF	\$ 475.00	\$ 1,425.00
179ND	4' Round Precast Inlet w/ Pedestal Top & Grate or MH Ring & Cover	5	VF	\$ 800.00	\$ 4,000.00
197ND	4' Dia. Pedestal Top with MH Ring & Cover	1	EA	\$ 1,100.00	\$ 1,100.00
207ND	Cast-in-Place Top Only w/Ring & Cover	1	CY	\$ 2,500.00	\$ 2,500.00
209ND	Invert Installation, 4' Diameter	3	EA	\$ 450.00	\$ 1,350.00
213ND	Uncover Buried Junction Box (<4')	1	EA	\$ 650.00	\$ 650.00
	Pressure Grouting (Pumping included if needed)	1	CY	\$ 1,800.00	\$ 1,800.00
222ND	18" Grout Each End to Structure	6	EA	\$ 195.00	\$ 1,170.00
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)	3	EA	\$ 800.00	\$ 2,400.00
238ND	18" PIPE - 9.0mm (.354")	200	LF	\$ 150.00	\$ 30,000.00
242ND	36" PIPE - 16.5mm (.650")	86	LF	\$ 275.00	\$ 23,650.00
270ND	Inversion Setup Charge 15"- 36" CIPP	2	EACH	\$ 2,500.00	\$ 5,000.00



363ND	Tree Removal 13"-23"	1	EA	\$ 1,800.00	\$ 1,800.00
365ND	Clear & Grubbing	50	SY	\$ 15.00	\$ 750.00
368ND	Haul-In Structural Fill Material	17	CY	\$ 75.00	\$ 1,275.00
369ND	Haul-Off Soil Material	17	CY	\$ 85.00	\$ 1,445.00
370ND	Finish Grading	50	SY	\$ 10.00	\$ 500.00
374ND	Stone Rip Rap Type III In Place	18	TN	\$ 95.00	\$ 1,710.00
382ND	Install & Remove Orange Tree Save Fence	100	LF	\$ 10.00	\$ 1,000.00
386ND	Seed & Straw (Permanent Grassing)	60	SY	\$ 8.00	\$ 480.00
387ND	Seed & Straw (Temporary Grassing)	60	SY	\$ 6.00	\$ 360.00
389ND	Sodding Complete-Bermuda	56	SY	\$ 15.00	\$ 840.00
393ND	Pine Straw	25	EA	\$ 9.00	\$ 225.00
406ND	Connect to Existing Structures	1	EA	\$ 1,950.00	\$ 1,950.00
407ND	Debris Removal, Tandem Dump Truck	2	Per Load	\$ 850.00	\$ 1,700.00
409ND	Removal of Existing Drainage Structure	3	EA	\$ 2,250.00	\$ 6,750.00
410ND	Remove Existing Pipe all Types and Sizes	30	LF	\$ 85.00	\$ 2,550.00
412ND	Stone #57	18	TON	\$ 90.00	\$ 1,620.00
418ND	Bypass pumping setup-equipment and hose placement	1	EA	\$ 1,000.00	\$ 1,000.00
419ND	4" Pumping Operation Time	8	HR	\$ 60.00	\$ 480.00



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**To:** Mayor and City Council  
**From:** Carl Thomas, Stormwater Utility Manager  
**Re:** Funding Authorization for 4954 Vernon Oaks Drive Storm Repairs  
**Date:** December 12<sup>th</sup>, 2022

**Action**

Authorize the Mayor, City Manager, or designee to approve \$71,082.00 in funding for Stormwater Pipe Repairs at 4954 Vernon Oaks Drive.

**Summary/Details**

Structural deficiencies to the storm system on Vernon Springs Drive were identified performing routine site inspections to the storm infrastructure. The pipe system is composed of +/- 200 linear feet of 18-inch corrugated metal pipe (CMP) that is approximately 53 years old and in poor condition. Closed-Caption Television (CCTV) footage discovered corrosion, visible holes, deformities, and a partially slip-lined segment in the pipe system. Recommended repairs include:

- Repair +/- 200 LF of CMP with Cured-In-Place Pipe (CIPP) liner
- Dig & Replace 90 LF of deformed CMP
- Haul In/Off +/- 60 cubic yards of fill material

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 \$71,082.00 in funding for Stormwater Pipe Repairs at 4954 Vernon Oaks Drive.



## Severe Corrosion, Large Holes, Deformities

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

**Catherine Lautenbacher** City Council Post 1  
**Rob Price** City Council Post 2  
**Tom Lambert** City Council Post 3

**Stacey Harris** City Council Post 4  
**Joe Seconder** City Council Post 5  
**John Heneghan** City Council Post 6

Packet page:...



			Mount Vernon Springs	
<b>UNIT PRICE SCHEDULE</b>			<b>swC 5304-49-5093</b>	
<b>Item</b>	<b>Unit</b>	<b>Unit Price</b>	0000 Vernon Oaks Drive	
<b>General Conditions</b>			Qty	Total
Mobilization	EA	\$ 1,525.00	1	\$ 1,525.00
Traffic Control Minor 2 - Includes Cones and Signage	Per Day	\$ 2,200.00	5	\$ 11,000.00
TV Storm Lines (includes DVD & Report)	LF	\$ 5.00	205	\$ 1,025.00
Hydro-Excavation complete (onsite hours only)	PerHour	\$ 550.00	24	\$ 13,200.00
18" PIPE - Cleaning less than 25% full	LF	\$ 6.00	205	\$ 1,230.00
18"SRCMP	LF	\$ 86.00	20	\$ 1,720.00
18" PIPE - 9.0mm (.354")	LF	\$ 100.00	205	\$ 20,500.00
Inversion Setup Charge 15"- 36" CIPP	EACH	\$ 1,500.00	1	\$ 1,500.00
Haul-In Structural Fill Material	CY	\$ 60.00	31	\$ 1,860.00
Haul-Off Soil Material	CY	\$ 55.00	31	\$ 1,705.00
Install & Remove Type C Silt Fence	LF	\$ 7.00	40	\$ 280.00
Rock Bags for curb inlet/CB sediment Protection	EA	\$ 130.00	1	\$ 130.00
Install & Remove Orange Tree Save Fence	LF	\$ 6.00	40	\$ 240.00
Seed & Straw (Temporary Grassing)	SY	\$ 2.00	20	\$ 40.00
Sodding Complete-Fescue	SY	\$ 26.00	30	\$ 780.00
Topsoil Compete	CY	\$ 75.00	20	\$ 1,500.00
Remove Existing Pipe all Types and Sizes	LF	\$ 50.00	20	\$ 1,000.00
			Contingency	\$ 11,847.00
				\$ 71,082.00

