

## **MEMORANDUM**

**To:** Mayor and City Council  
**From:** Carl Thomas, Stormwater Manager  
**Date:** May 11th, 2020  
**Subject:** **Funding Authorization for 5207 Redfield Court Stormwater Repairs**

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### **ITEM DESCRIPTION**

Approval of Funding for Stormwater Pipe Repairs at **5207 Redfield Court**. Estimated cost, plus 10% contingency, is **\$107,418.36**.

### **BACKGROUND**

Structural deficiencies to the 42-year old storm system on Redfield Court were discovered performing site inspections in January of 2019. CCTV footage identified corrosion, visible holes in the invert, and deformities. Recommended repairs include:

- Restore 565 linear feet of 18, 24, and 36 inch Corrugated Metal Pipe (CMP) with cured in place pipe
- Dig and Replace 20 LF of deformed CMP
- Locate and Raise two buried junction boxes

This project will be funded from the FY2020 Stormwater Repairs and Maintenance Budget.

### **RECOMMENDED ACTION**

Staff recommends approving \$107,418.36 in funding for Stormwater Pipe Repairs at 5207 Redfield Court.

## CORROSION WITH HOLES IN CORRUGATED METAL PIPE



## DEFORMED CORRUGATED METAL PIPE




**CONTINUATION SHEET/Schedule of Values**
**City of Dunwoody - 5299 Redfield Court**
**Monday, April 27, 2020**

ITEM	DESCRIPTION	UNIT	UNIT PRICE	QTY	EXTENDED PRICE
1	Mobilization	EA	\$ 1,500.00	1	\$ 1,500.00
5	Traffic Control Minor 1 (Two flagmen, etc.)	DY	\$ 1,500.00	7	\$ 10,500.00
6	Traffic Control Minor 2 - Includes Cones and Signage	DY	\$ 500.00	6	\$ 3,000.00
8	TV Storm Lines (includes DVD & Report)	LF	\$ 2.00	565	\$ 1,130.00
13	18" PIPE- Cleaning less than 25% full	LF	\$ 4.40	497	\$ 2,186.80
15	24" PIPE- Cleaning less than 25% full	LF	\$ 5.00	33	\$ 165.00
17	36" PIPE - Cleaning less than 25% full	LF	\$ 6.25	35	\$ 218.75
132	18" Diameter	LF	\$ 332.50	2	\$ 665.00
220	18" Grout Each End to Structure	EA	\$ 160.00	10	\$ 1,600.00
222	24" Grout Each End to Structure	EA	\$ 195.00	2	\$ 390.00
225	36" Grout Each End to Structure	EA	\$ 220.00	2	\$ 440.00
235	18" PIPE- 8.0mm (.315")	LF	\$ 80.75	497	\$ 40,132.75
237	24" PIPE- 10.0mm (.3937")	LF	\$ 104.50	33	\$ 3,448.50
239	36" PIPE- 16.0mm (.6299")	LF	\$ 156.75	35	\$ 5,486.25
267	Inversion Setup Charge 15"- 36" CIPP	EA	\$ 975.00	7	\$ 6,825.00
NC5	Cementitious Invert Grouting ( <b>Redfield Court and Carnaby Court</b> )	LF	\$150.00	5	\$ 750.00
NC6	Remove/Reset Catch Basin Concrete Top for CIPP ( <b>MH 10081 Redfield Court</b> )	EA	\$1,200.00	1	\$ 1,200.00
NC7	Removal of Concrete in manhole ( <b>MH 10081 Redfield Court</b> )	EA	\$1,350.00	1	\$ 1,350.00
NC8	Locate buried manholes ( <b>Redfield Court</b> )	EA	\$500.00	2	\$ 1,000.00
NC9	Expose and Raise MH up to 2 ft - ( <b>MH 10085</b> ) ( <b>MH 10088</b> )	EA	\$2,500.00	2	\$ 5,000.00
NC10	Replace Double Wing Pre-Cast Catch Basin Top ( <b>MH 10081</b> ) Redfield Court - Only needed if top breaks on removal.	EA	\$2,900.00	1	\$ 2,900.00
NC11	Open Cut Point Repair - 18" pipe up to 6 feet deep and up to 20 lf in length. Includes connection to MH but does not include coring, if needed. <b>Excludes any driveway work, if necessary. Buried MH location unknown.</b>	EA	\$7,765.00	1	\$ 7,765.00
	10% Contingency				\$ 9,765.31
	<b>Total</b>				<b>\$ 107,418.36</b>