

MEMORANDUM

To: Mayor and City Council

From: David Elliott

Date: January 8, 2018

Subject: **4775 Olde Village Lane funding approval for Stormwater Repairs.**

ITEM DESCRIPTION

Approval of funding for stormwater pipe repairs at 4775 Olde Village Lane. Estimate for the culvert rehabilitation is \$85,878.96, which includes a 10% contingency.

BACKGROUND

Needed repairs were located by stormwater staff after resident complaint of a sinkhole at 4775 Olde Village Lane. The repair will involve the following:

- Specialty storm line cleaning
- Pipe invert paving
- Cured in place pipe lining of 135' of 30" corrugated metal pipe
- Cured in place pipe lining of 201' of 36" corrugated metal pipe
- Traffic control
- Various repairs to stormwater structures

This project will be funded with the 2018 Stormwater Maintenance Budget.

RECOMMENDED ACTION

Staff recommends approving \$85,878.96 in funding for Stormwater Culvert Repairs at 4775 Olde Village Lane.

#H.10.



Sinkhole Locations



Rusted and Missing Pipe Invert Causing Sink Holes

City of Dunwoody - Annual Stormwater CIPP Proposal - 4667 Old Village Lane 30/36-inch CIP



Friday, September 15, 2017

ITEM	DESCRIPTION	UNIT	UNIT PRICE	QTY	EXTENDED PRICE
General Conditions					
1	Mobilization	EA	\$ 2,269.00	1	\$ 2,269.00
2	Out of Scope Work, Foreman	HR	\$ 46.00	8	\$ 368.00
3	Out of Scope Work, Laborer	HR	\$ 35.00	16	\$ 560.00
Traffic Control					
5	Traffic Control Minor (Two flagman, etc.)	DY	\$ 681.00	3	\$ 2,043.00
TV Inspection and Jet-Vac Cleaning					
7	TV Storm Lines (includes DVD & Report)	LF	\$ 5.00	336	\$ 1,680.00
Storm Line Cleaning (less than 25% full)					
16	36" PIPE - Cleaning less than 25% full	LF	\$ 4.00	201	\$ 804.00
Specialty Storm Line Cleaning, Applicable to heavy roots, Large diameter rocks, large debris, etc					
44	12" to 36" PIPE	LF	\$ 29.00	135	\$ 3,915.00
Flowable Paved Pipe Invert					
124	30" Diameter	LF	\$ 23.00	20	\$ 460.00
125	36" Diameter	LF	\$ 25.00	210	\$ 5,250.00
Internal Pipe Point Repairs (Including cutting, trimming, jacking, etc.)					
134	36" Diameter LF \$	LF	\$ 281.16	1	\$ 281.16
Miscellaneous & Special Structures/Components					
207	Cast-in-Place Top Only w/ Ring & Cover	CY	\$ 1,418.00	1	\$ 1,418.00
Grout Connection To Structure					
223	30" Grout Each End to Structure	EA	\$ 738.00	2	\$ 1,476.00
224	36" Grout Each End to Structure	EA	\$ 794.00	4	\$ 3,176.00
LINING REQUIREMENTS					
Cured In Place Pipe Liner (CIPP) - (12' or less in depth) Includes Pre & Post Television Inspections during lining					
237	30" PIPE- 12.5mm (.4921")	LF	\$ 123.75	135	\$ 16,706.25
238	36" PIPE- 16.0mm (.6299")	LF	\$ 157.41	201	\$ 31,639.41
Inversion Setup					
266	Inversion Setup Charge 15"- 36" CIPP	EA	\$ 1,684.98	2	\$ 3,369.96
Earthwork & Grading					
361	Channel Excavation	CY	\$ 18.00	2	\$ 36.00
Miscellaneous Items					
397	Debris Removal, Tandem Dump Truck	Per Load	\$ 171.00	2	\$ 342.00
408	Bypass pumping setup-equipment and hose placement	EA	\$ 227.00	2	\$ 454.00
409	4" Pumping Operation Time	HR	\$ 57.00	32	\$ 1,824.00
	10% Contingency			1	\$ 7,807.18
	Total				\$ 85,878.96