



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

MEMORANDUM

To: Mayor and City Council

From: Carl Thomas

Date: April 8, 2019

Subject: **Memorandum - FUNDING AUTHORIZATION FOR 1561 CHATEAU DRIVE STORMWATER REPAIRS**

ITEM DESCRIPTION

Approval of Funding for Stormwater Pipe Repairs at **1561 Chateau Drive**. Estimated cost, plus 10% contingency, is **\$239,692.86**.

BACKGROUND

Project was identified by City staff via CCTV inspection on 1/31/2018 and scheduled for maintenance in 2019. Repairs include:

- Lining approx. 920 linear feet of corrugated metal pipe on Chateau & Rochelle Drive
- Restoring subgrade with flowable fill
- Replacing two brick masonry structures with precast concrete manholes
- Heavy debris removal
- Sinkhole repair (formed after heavy rains in December 2018)

If approved, this project will be funded from the 2019 Stormwater Repairs & Maintenance Budget.

RECOMMENDED ACTION

Staff recommends approving \$239,692.86 in funding for Stormwater Pipe Repairs at 1561 Chateau Drive.

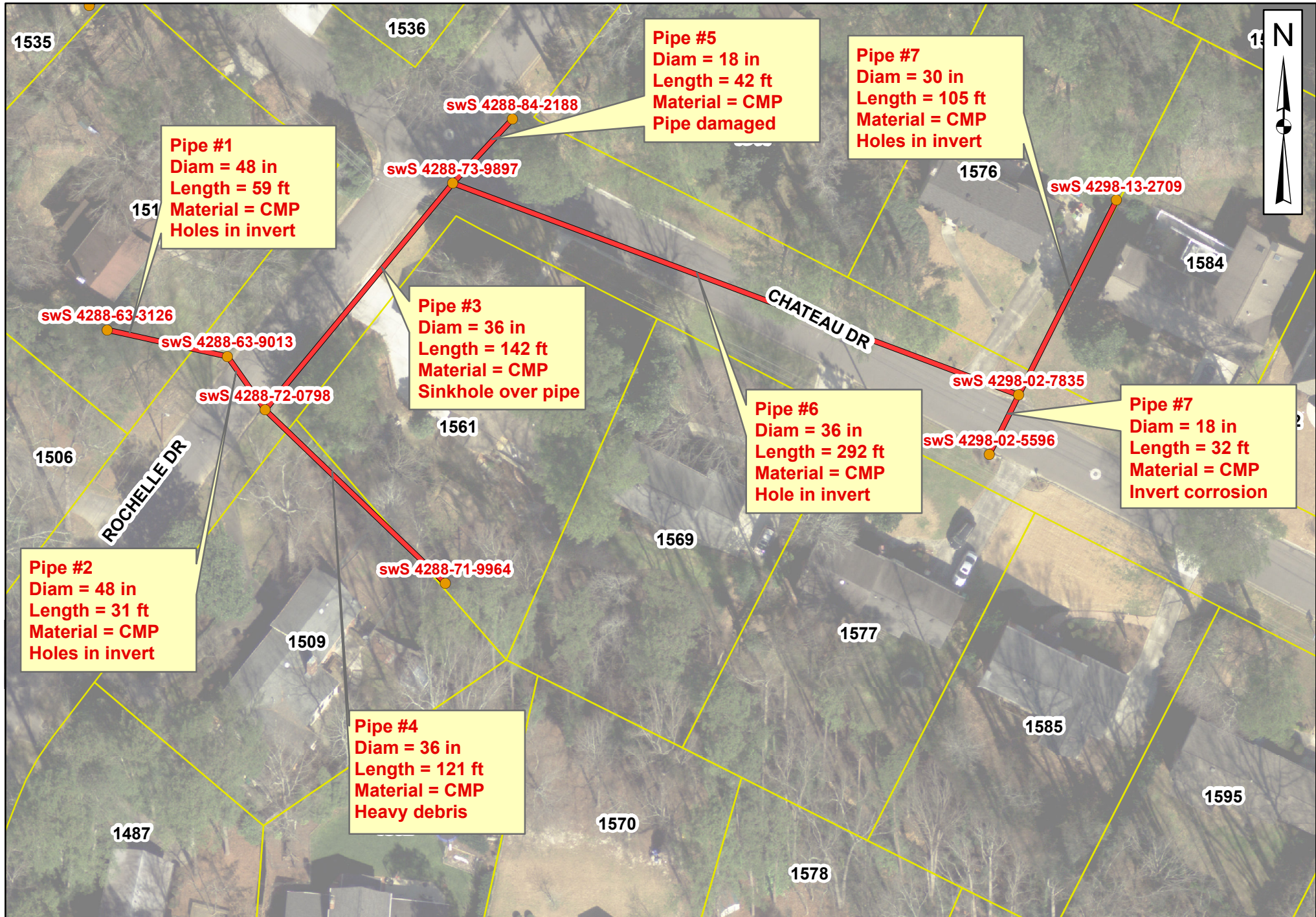
Sinkhole formed due to pipe invert failure



Brick masonry structures in poor condition



1561 Chateau Dr CCTV Map*



*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.

Notes:

City of Dunwoody - Annual Stormwater CIPP Proposal - 1561 Chateau Drive

Thursday, March 28, 2019

ITEM	DESCRIPTION	UNIT	UNIT PRICE
General Conditions			
1	Mobilization	EA	\$ 1,500.00
2	Out of Scope Work, Foreman	HR	\$ 80.00
3	Out of Scope Work, Laborer	HR	\$ 65.00
Traffic Control			
4	Traffic Control Major (Detours etc. for road closure complete)	DY	\$ 4,500.00
5	Traffic Control Minor 1 (Two flagmen, etc.)	DY	\$ 1,500.00
6	Traffic Control Minor 2 - Includes Cones and Signage	DY	\$ 500.00
7	Mobile Electronic Detour Signs	DY	\$ 300.00
TV Inspection and Jet-Vac Cleaning			
8	TV Storm Lines (includes DVD & Report)	LF	\$ 2.00
9	Visual Inspection (Pictures), per Project (During Construction)	EA	\$ 155.00
10	Hydro-Excavation (Complete)	HR	\$ 450.00
Storm Line Cleaning (less than 25% full)			
11	12" PIPE- Cleaning less than 25% full	LF	\$ 3.80
12	15" PIPE- Cleaning less than 25% full	LF	\$ 4.10
13	18" PIPE- Cleaning less than 25% full	LF	\$ 4.40
14	21" PIPE- Cleaning less than 25% full	LF	\$ 4.60
15	24" PIPE- Cleaning less than 25% full	LF	\$ 5.00
16	30" PIPE- Cleaning less than 25% full	LF	\$ 5.50
17	36" PIPE - Cleaning less than 25% full	LF	\$ 6.25
18	42" PIPE- Cleaning less than 25% full	LF	\$ 7.00
19	48" PIPE- Cleaning less than 25% full	LF	\$ 7.00
20	54" PIPE- Cleaning less than 25% full	LF	\$ 8.00
21	60" PIPE - Cleaning less than 25% full	LF	\$ 10.50
22	66" PIPE - Cleaning less than 25% full	LF	\$ 12.00
23	72" PIPE - Cleaning less than 25% full	LF	\$ 15.00
24	78" PIPE - Cleaning less than 25% full	LF	\$ 16.00
25	84" PIPE - Cleaning less than 25% full	LF	\$ 18.00
26	90" PIPE - Cleaning less than 25% full	LF	\$ 19.00
27	96" PIPE - Cleaning less than 25% full	LF	\$ 24.00
Storm Line Cleaning (25% full or greater)			
28	12" PIPE- Cleaning 25% full or greater	LF	\$ 4.50
29	15" PIPE- Cleaning 25% full or greater	LF	\$ 5.00
30	18" PIPE - Cleaning 25% full or greater	LF	\$ 5.00
31	21" PIPE - Cleaning 25% full or greater	LF	\$ 5.00
32	24" PIPE - Cleaning 25% full or greater	LF	\$ 5.00
33	30" PIPE - Cleaning 25% full or greater	LF	\$ 6.00

Estimated Total		Installed Total	
\$ 239,692.86		\$ -	
Total Estimated Qty	Total Estimated Price	Total Installed Qty	Total Installed Price
1	\$ 1,500.00	0	\$ -
0	\$ -	0	\$ -
0	\$ -	0	\$ -
0	\$ -	0	\$ -
6	\$ 9,000.00	0	\$ -
2	\$ 1,000.00	0	\$ -
0	\$ -	0	\$ -
921	\$ 1,842.00	0	\$ -
0	\$ -	0	\$ -
0	\$ -	0	\$ -
0	\$ -	0	\$ -
0	\$ -	0	\$ -
154	\$ 677.60	0	\$ -
0	\$ -	0	\$ -
0	\$ -	0	\$ -
111	\$ 610.50	0	\$ -
506	\$ 3,162.50	0	\$ -
0	\$ -	0	\$ -
60	\$ 420.00	0	\$ -
0	\$ -	0	\$ -
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Thursday, March 28, 2019

Estimated Total		Installed Total	
\$ 239,692.86		\$ -	
Total Estimated Qty	Total Estimated Price	Total Installed Qty	Total Installed Price
50	\$ 500.00	0	\$ -
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0	\$ -	0	\$ -
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0	\$ -	0	\$ -
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179	\$ 5,191.00	0	\$ -
0	\$ -	0	\$ -
2	\$ 665.00	0	\$ -
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4	\$ 950.00	0	\$ -
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4	\$ 640.00	0	\$ -
0	\$ -	0	\$ -
0	\$ -	0	\$ -
0	\$ -	0	\$ -
4	\$ 840.00	0	\$ -
6	\$ 1,320.00	0	\$ -
0	\$ -	0	\$ -
2	\$ 530.00	0	\$ -
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Thursday, March 28, 2019

ITEM	DESCRIPTION	UNIT	UNIT PRICE
232	Grout all joint, cracks & holes, in structures, complete	EA	\$ 490.00

Cured In Place Pipe Liner (CIPP) - (12' or less in depth) Includes Pre & Post Television Inspections during lining

233	12" PIPE- 7.5mm (.2953")	LF	\$ 61.75
234	15" PIPE- 7.5mm (.2953")	LF	\$ 71.25
235	18" PIPE- 8.0mm (.315")	LF	\$ 80.75
236	21" PIPE- 10.0mm (.3937")	LF	\$ 104.50
237	24" PIPE- 10.0mm (.3937")	LF	\$ 104.50
238	30" PIPE- 12.5mm (.4921")	LF	\$ 142.50
239	36" PIPE- 16.0mm (.6299")	LF	\$ 156.75
240	42" PIPE- 18.0mm (.7087")	LF	\$ 261.25
241	48" PIPE- 21.0mm (.8268")	LF	\$ 285.00
242	54" PIPE- 24.0mm (.9449")	LF	\$ 380.00
243	60" PIPE- 28.5mm (1.122")	LF	\$ 450.00
244	66" PIPE- 30.0mm (1.1811")	LF	\$ 570.00
245	72" PIPE- 32.5mm (1.2795")	LF	\$ 945.00
246	78" PIPE- 33.0mm (1.2992")	LF	\$ 1,111.00
247	84" PIPE- 35.5mm (1.3976")	LF	\$ 1,287.00
248	90" PIPE- 38.0mm (1.4961")	LF	\$ 1,322.00
249	96" PIPE - 40.5mm (1.5945")	LF	\$ 1,372.00
250	Additional Cost Per 1.5mm (.0591")Thickness - 12" PIPE	LF	\$ 2.00
251	Additional Cost Per 1.5mm (.0591") Thickness - 15" PIPE	LF	\$ 2.00
252	Additional Cost Per 1.5mm (.0591")Thickness - 18" PIPE	LF	\$ 3.00
253	Additional Cost Per 1.5mm (.0591") Thickness - 21" PIPE	LF	\$ 3.00
254	Additional Cost Per 1.5mm (.0591")Thickness - 24" PIPE	LF	\$ 5.00
255	Additional Cost Per 1.5mm (.0591")Thickness - 30" PIPE	LF	\$ 5.00
256	Additional Cost Per 1.5mm (.0591")Thickness - 36" PIPE	LF	\$ 5.00
257	Additional Cost Per 1.5mm (.0591") Thickness - 42" PIPE	LF	\$ 7.00
258	Additional Cost Per 1.5mm (.0591")Thickness - 48" PIPE	LF	\$ 8.00
259	Additional Cost Per 1.5mm (.0591")Thickness - 54" PIPE	LF	\$ 10.00
260	Additional Cost Per 1.5mm (.0591")Thickness - 60" PIPE	LF	\$ 10.00

Estimated Total		Installed Total	
\$ 239,692.86		\$ -	
Total Estimated Qty	Total Estimated Price	Total Installed Qty	Total Installed Price
0	\$ -	0	\$ -

[illegible]

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[illegible]

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Estimated Total		Installed Total	
\$ 239,692.86		\$ -	
Total Estimated Qty	Total Estimated Price	Total Installed Qty	Total Installed Price
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125	\$ 10,000.00	0	\$ -
2	\$ 2,900.00	0	\$ -

Notes:

City of Dunwoody - Annual Stormwater CIPP Proposal - 1561 Chateau Drive

Thursday, March 28, 2019

ITEM	DESCRIPTION	UNIT	UNIT PRICE
NC3	Manhole Alteration to allow CIPP (Same size top w/ring and cover.) MH 9013	EA	\$9,660.00
NC4	Manhole Alteration to allow CIPP (Same size top w/ring and cover.) MH 7835	EA	\$9,660.00
Miscellaneous Items			
	10% Contingency		

Estimated Total		Installed Total	
\$ 239,692.86		\$ -	
Total Estimated Qty	Total Estimated Price	Total Installed Qty	Total Installed Price
1	\$ 9,660.00	0	\$ -
1	\$ 9,660.00	0	\$ -
0	\$ -	0	\$ -
0	\$ -	0	\$ -
0	\$ -	0	\$ -
0	\$ 21,790.26	0	\$ -