



4800 Ashford Dunwoody Road  
Dunwoody, Georgia 30338  
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## **MEMORANDUM**

**To:** Mayor and City Council

**From:** Carl Thomas

**Date:** May 6, 2019

**Subject:** **Memorandum – Funding Authorization for 1059 Coronation Drive Stormwater Repairs**

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### **ITEM DESCRIPTION**

Approval of Funding for Stormwater Pipe Repairs at **1059 Coronation Drive**. Estimate cost, plus 10% contingency, is **\$66,919.05**.

### **BACKGROUND**

This project was identified after a citizen called about a sinkhole in their yard on September 12, 2018. The sinkhole was caused by a reinforced concrete pipe with separation at the joints. Additional repairs to the drainage system were identified using CCTV inspections and require:

- Lining approx. 240 linear feet of corrugated metal pipe
- Pipe invert repair with flowable fill
- Sinkhole repair
- Reset elevation of junction box & install concrete invert

This project would be funded from the 2019 Stormwater Repairs & Maintenance Budget.

### **RECOMMENDED ACTION**

Staff recommends approving \$66,919.05 in funding for Stormwater Pipe Repairs at 1059 Coronation Drive.



**1059 CORONATION DR CCTV Map\***





<b>IPR Southeast LLC</b>	
<b>ESTIMATE - RFP 18-04 2019 STANDBY STORMWATER REPAIR UNIT CONTRACT</b>	
<b>PROJECT LOCATION:</b>	<b>1059 Coronation Drive Dunwoody, GA 30338</b>
<b>DATE ESTIMATE PREPARED:</b>	<b>9-Apr-19</b>
<b>ESTIMATE PREPARED BY:</b>	<b>Daniel Guse</b>
<b>ESTIMATE AMOUNT:</b>	<b>\$60,835.50</b>
<b>10 % CONTINGENCY:</b>	<b>\$6,083.55</b>
<b>ESTIMATE GRAND TOTAL:</b>	<b>\$66,919.05</b>

<b>Pre-Lining Work:</b>	
	CCTV and Cleaning,
	Remove solid tops (5294 and 5983) and replace with new manhole entry tops
	Cut back intruding pipe - 5294
	Uncover Buried Box between 5983 and 5870
	Chip and remove invert of buried box
	Repair invert of pipe between 5983 and buried box
	Pipe Entry to remove grout at joints in the downstream section of 30" RCP pipe
<b>Lining Work:</b>	
	239 LF x 30" x 13.5 mm CIPP
<b>Post Lining Work:</b>	
	Post CCTV
	Place new tops
	Invert Reconstuction in structures - Seal Pipe ends
	Restoration as Needed including sink hole repairs

ITEM #	Description	Unit	Unit Price	Quantity	Total Costs
	<b>General Conditions</b>				
1	Mobilization	EA	\$ 2,000.00	1.00	\$ 2,000.00
2	Out of Scope Work, Foreman	HR	\$ 85.00	15.00	\$ 1,275.00
3	Out of Scope Work, Laborer	HR	\$ 70.00	24.00	\$ 1,680.00
	<b>Traffic Control</b>				
5	Traffic Control Minor 2 - Includes Cones and Signage	DA	\$ 1,850.00	1.00	\$ 1,850.00
	<b>TV Inspection and Jet-Vac Cleaning</b>				
7	CCTV Storm (w/ DVD & Report)	LF	\$ 2.50	239.00	\$ 597.50
	<b>Storm Cleaning (less than 25% full)</b>				

15	30" Pipe - Cleaning less than 25% full	LF	\$ 6.00	239.00	\$ 1,434.00
	<b>Flowable Paved Pipe Invert</b>				
124	30" Diameter	LF	\$ 40.00	10.00	\$ 400.00
	<b>Internal Point Repair</b>				
133	30" Diameter	LF	\$ 250.00	4.00	\$ 1,000.00
	<b>Misc &amp; Special Structures/Components</b>				
203	Precst SW CB Top, w/R/C, no throat	EA	\$ 950.00	1.00	\$ 950.00
206	5'x5' Precast Top w/ MH R/C	EA	\$ 675.00	1.00	\$ 675.00
210	Invert Installation, 5' Dia	EA	\$ 375.00	3.00	\$ 1,125.00
213	Uncover Buried JB (<4')	EA	\$ 400.00	1.00	\$ 400.00
	<b>Grout Connection to Structure</b>				
226	30" Grout Each End to Structure	EA	\$ 240.00	6.00	\$ 1,440.00
234	Grout all jnt, crcks & holes (8'deep or less)	EA	\$ 500.00	1.00	\$ 500.00
	<b>Lining Requirements</b>				
	<b>CIPP (12' or less in depth)</b>				
	<b>Includes Pre and Post TV during lining</b>				
241	30" - 12.5mm (.4921")	LF	\$ 130.00	239.00	\$ 31,070.00
258	Add Thickness Per 1.5mm -30"	LF	\$ 5.00	239.00	\$ 1,195.00
	<b>Inversion Setup</b>				
270	Inversion Setup Charge 15-36" CIPP	EA	\$ 900.00	1.00	\$ 900.00
	<b>Earthwork &amp; Grading</b>				
362	Tree Removal 6"- 12"	EA	\$ 550.00	2.00	\$ 1,100.00
365	Clear & Grubbing	SY	\$ 12.50	56.00	\$ 700.00
368	Haul-In Structural Fill Material	CY	\$ 50.00	30.00	\$ 1,500.00
370	Finish Grading	SY	\$ 5.00	50.00	\$ 250.00
	<b>Erosion Control</b>				
386	Seed & Straw (Permanent Grassing)	SY	\$ 2.00	56.00	\$ 112.00
389	Sodding Complete - Bermuda	SY	\$ 5.75	56.00	\$ 322.00
392	Topsoil Complete	CY	\$ 30.00	20.00	\$ 600.00
393	Pine Straw	SY	\$ 2.50	56.00	\$ 140.00
395	Tree Replacment 1-1/2" Harwood, Installed	EA	\$ 275.00	2.00	\$ 550.00
399	Shrub Replacement: 1 gallon, installed	EA	\$ 70.00	40.00	\$ 2,800.00
401	Shrub Replacement: 5 gallon, installed	EA	\$ 135.00	2.00	\$ 270.00
	<b>Miscellaneous Items</b>				
406	Connect to Existing Structures	EA	\$ 750.00	1.00	\$ 750.00
407	Debris Removal, Tandem Dump Truck	Load	\$ 800.00	1.00	\$ 800.00
409	Removal of Existing Drainage Structure	EA	\$ 850.00	2.00	\$ 1,700.00
434	Adjust Manhole Cover in Soil ( complete, includes removal or modifacaiton of old structure top)	EA	\$ 750.00	1.00	\$ 750.00
	<b>TOTAL ESTIMATE</b>				<b>\$60,835.50</b>