

To: Mayor and City Council
From: Carl Thomas, Stormwater Utility Manager
Re: Memorandum - Funding Authorization for 1302 Center Drive Storm Repairs
Date: March 11th, 2024

Action

Authorize the Mayor, City Manager, or designee to approve \$216,367.52 in funding for Emergency Stormwater Pipe Repairs at 1302 Center Drive utilizing Southern Premier Contractor's (SPC) existing on-call, unit price contract.

Summary/Details

Staff performing routine inspections identified a large depression along the curb line and underneath Center Drive. On-call contractors immediately closed off a section of the eastbound lane. Closed-caption television (CCTV) footage discovered a failed 48-inch corrugated metal pipe (CMP), approximately 13-feet deep, with corrosion, large holes and a 20 x 20-foot void under the road. Due to health and safety risks, staff requested and received emergency approval from Council for Southern Premier Contractors to mobilize immediately with repairs on February 29th. The project scope includes:

- Repair +/- 168 LF of 48-inch CMP with Cured-In-Place Pipe (CIPP) liner
- Replace +/- 20 LF of failed 48-inch CMP
- Replace 190 SY Driveway 6" Concrete (GAB included)
- 6 days Minor traffic control

The funding source for this project is the Stormwater Repairs and Maintenance budget allocated for stormwater improvement projects.

Recommendation

Authorize the Mayor, City Manager, or designee to approve \$216,367.52 in funding for Emergency Stormwater Pipe Repairs at 1302 Center Drive utilizing Southern Premier Contractor's (SPC) existing on-call, unit price contract.



Severe Invert Corrosion Joint Separation Water Sagging



Sinkhole observed along curb-line and underneath Center Drive



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

SOUTHERN PREMIER CONTRACTORS, INC. 2023	
PROJECT LOCATION:	Center Drive
Work Order #	
DATE INVOICE PREPARED:	03.02.2024
Invoice:	\$ 216,367.52

Pre Lining:

	Clean & Prep Pipes, Internals, Internal Point Repairs, Flowable Fill as needed
	Repair and replace a section of 48" pipe, line entire section from JB1 to JB2
	Repair roadway
	Remove trees necessary for lining
	Remove fence

Lining: Line 168' of 48"

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Post Lining:

	Install Inverts & Grout Pipes to Structures
	Landscape Disturbed Areas

Item#	Item	Quantity	Unit	Unit Price	Total Cost
1	Mobilization	1	EA	\$ 2,133.80	\$ 2,133.80
4	Traffic Control Minor 1 – Includes Continuous Crew of 2 Fl	2	Per Day	\$ 2,133.80	\$ 4,267.60
5	Traffic Control Minor 2 – Includes Cones and Signage	4	Per Day	\$ 1,920.42	\$ 7,681.68
8	TV Storm Lines (includes DVD & Report)	168	LF	\$ 4.27	\$ 717.36
10	Hydro-Excavation complete (onsite hours only)	6	Per Hour	\$ 400.09	\$ 2,400.54
19	48" PIPE - Cleaning less than 25% full	88	LF	\$ 9.60	\$ 844.80
46	42" to 96" PIPE	80	LF	\$ 85.35	\$ 6,828.00
53	48" SRCMP	20	LF	\$ 170.70	\$ 3,414.00
79	Invert >12'	20	LF	\$ 133.36	\$ 2,667.20
133	48" Diameter	15	LF	\$ 426.76	\$ 6,401.40
207	Invert Installation, 5' Diameter	2	EA	\$ 506.78	\$ 1,013.56
210	Uncover Buried Junction Box (<4')	2	EA	\$ 693.49	\$ 1,386.98
217	Pressure Grouting (Pumping included if needed)	2	CY	\$ 1,920.42	\$ 3,840.84
227	48" Grout Each End to Structure	2	EA	\$ 346.74	\$ 693.48
233	Grout all joint, cracks & holes, in structures, complete (struc	2	EA	\$ 1,653.70	\$ 3,307.40
	48" PIPE - 22.5mm (.886")	168	LF	\$ 480.11	\$ 80,658.48

	Inversion Setup Charge 42"- 60" CIPP	1	EACH	\$ 6,401.40	\$ 6,401.40
346	Curb & Gutter 6"x24"x12" High Back	50	LF	\$ 55.48	\$ 2,774.00
353	Graded Aggregate Base	72	Ton	\$ 101.36	\$ 7,297.92
357	Tack Coat	5	Gal	\$ 42.68	\$ 213.40
358	2" Asph. Con. Hot Mix for Trench Cap	4	Ton	\$ 373.42	\$ 1,493.68
359	8" Thick 3000 psi- Concrete Trench Cap	8	CY	\$ 533.45	\$ 4,267.60
360	Tree Removal 6"-12'"	4	EA	\$ 1,066.90	\$ 4,267.60
363	Clear & Grubbing	90	SY	\$ 16.00	\$ 1,440.00
367	Haul-Off Soil Material	85	CY	\$ 90.69	\$ 7,708.65
368	Finish Grading	100	SY	\$ 10.67	\$ 1,067.00
377	Install & Remove Type C Silt Fence - Alternative	50	LF	\$ 8.54	\$ 427.00
380	Install & Remove Orange Tree Save Fence	200	LF	\$ 10.67	\$ 2,134.00
391	Pine Straw	50	EA	\$ 9.60	\$ 480.00
407	Debris Removal, Tandem Dump Truck	1	Per Load	\$ 906.87	\$ 906.87
409	Removal of Existing Drainage Structure	1	EA	\$ 2,400.53	\$ 2,400.53
410	Remove Existing Pipe all Types and Sizes	20	LF	\$ 90.69	\$ 1,813.80
411	Saw Cut Existing Pavements	100	LF	\$ 5.33	\$ 533.00
412	Stone #57	36	TON	\$ 96.02	\$ 3,456.72
418	Bypass pumping setup-equipment and hose placement	1	EA	\$ 1,066.90	\$ 1,066.90
419	4" Pumping Operation Time	8	HR	\$ 64.01	\$ 512.08
427	Remove and Replace Existing 4' Black Vinyl Standard Chair	20	LF	\$ 69.35	\$ 1,387.00
	20% Contingency	1	EA	\$ 36,061.25	\$ 36,061.25
	TOTAL INVOICE	1			\$ 216,367.52