

To: Mayor and City Council
From: Carl Thomas, Stormwater Utility Manager
Re: Funding Authorization for 2146 Brendon Drive Storm Repairs
Date: March 27, 2023

Action

Authorize the Mayor, City Manager, or designee to approve \$156,705.60 in funding for Stormwater Pipe Repairs at 2146 Brendon Drive.

Summary/Details

Structural deficiencies to the storm system on Brendon Drive were identified performing routine site inspections to the storm infrastructure. The pipe system is composed of +/- 200 linear feet of 24 and 72-inch corrugated metal pipe (CMP) that is approximately 53 years old and in poor condition. Closed-Caption Television (CCTV) footage discovered corrosion, visible holes, water sag, deformities, and minor joint separation. Recommended repairs include:

- Repair +/- 200 LF of CMP with Cured-In-Place Pipe (CIPP) liner and Spincast Liner
- 20 LF dig and replace deformed 24-inch CMP
- 4-foot diameter pedestal top replacement
- 114 SY Bermuda Sod replacement
- 16 hours of bypass pumping of perennial stream

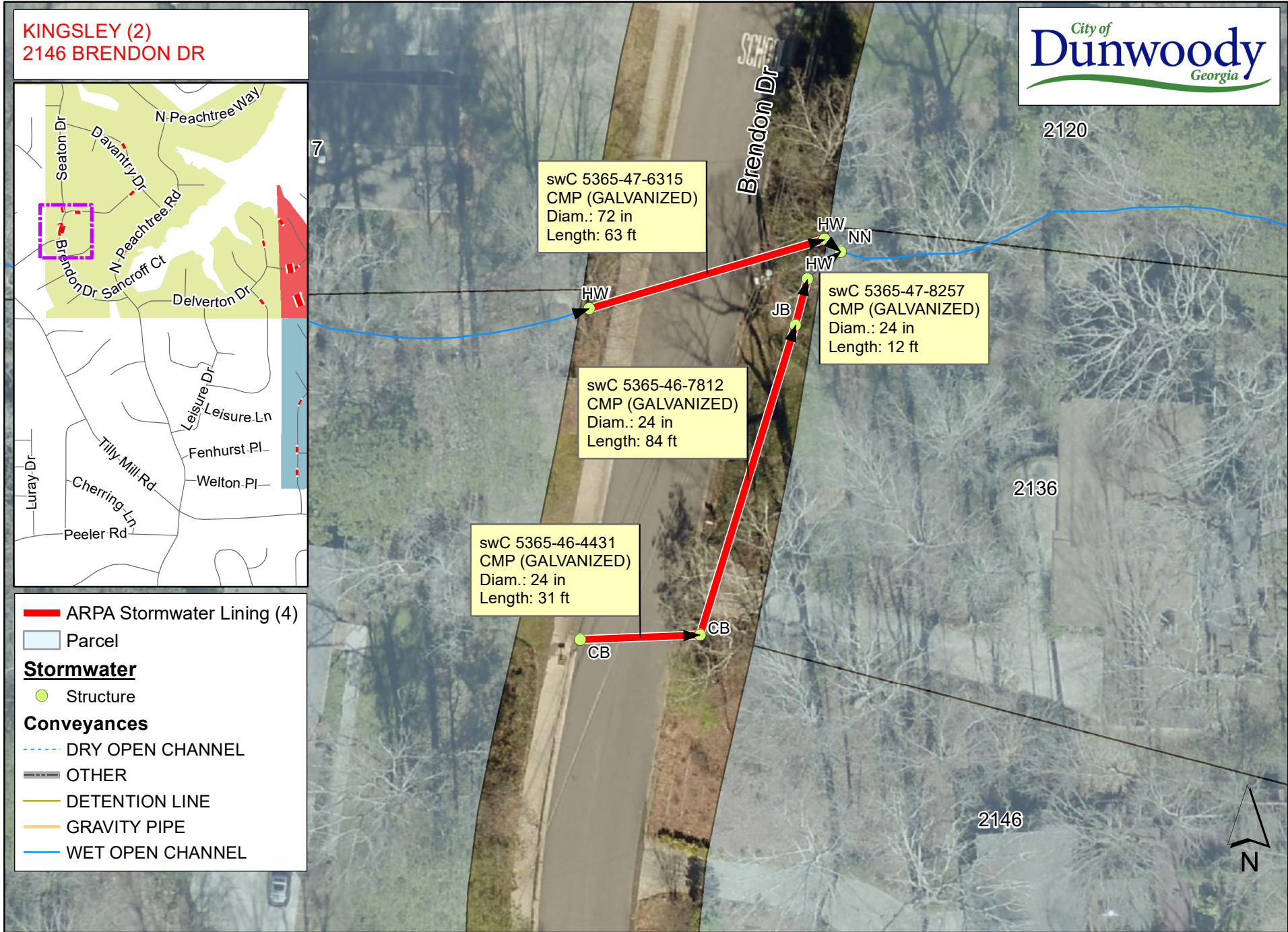
If approved by Council, this project will be funded from the American Rescue Plan Act (ARPA) budget allocated for stormwater improvement projects.

Recommendation

Staff recommends approving \$156,705.60 in funding for Stormwater Pipe Repairs at 2146 Brendon Drive.



Water Sag, Deformities, Severe Corrosion, Visible Holes



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

SOUTHERN PREMIER CONTRACTORS, INC. 2022

PROJECT LOCATION:	2146 Brendon Drive
PREPARED BY:	M. Massey
DATE INVOICE PREPARED:	11.30.22
TOTAL INVOICE	\$ 130,588.00
20%	\$ 26,117.60
	\$ 156,705.60

Scope of Work:

Prep pipes for lining

Line cross drains

Grout pipes, structures, install inverts

Landscape disturbed areas

Item#	Item	Quantity	Unit	Unit Price	Total Cost
1ND	Mobilization	1	EA	\$ 2,000.00	\$ 2,000.00
5ND	Traffic Control Minor 2 – Includes Cones and Signage	5	Per Day	\$ 1,800.00	\$ 9,000.00
9ND	Hydro-Excavation complete (onsite hours only)	4	Per Hour	\$ 375.00	\$ 1,500.00
48ND	24" SRCMP	20	LF	\$ 75.00	\$ 1,500.00
132ND	24" Diameter	8	LF	\$ 550.00	\$ 4,400.00
138ND	72" Diameter	2	LF	\$ 400.00	\$ 800.00
194ND	4' Dia. Pedestal Top with Inlet Frame and Grate	1	EA	\$ 1,600.00	\$ 1,600.00
207ND	Cast-in-Place Top Only w/Ring & Cover	1	CY	\$ 2,500.00	\$ 2,500.00
209ND	Invert Installation, 4' Diameter	4	EA	\$ 450.00	\$ 1,800.00
214ND	Uncover Buried Junction Box (4'-7.9')	1	EA	\$ 800.00	\$ 800.00
	Pressure Grouting (Pumping included if needed)	4	CY	\$ 1,800.00	\$ 7,200.00
224ND	24" Grout Each End to Structure	6	EA	\$ 225.00	\$ 1,350.00
234ND	Grout all joint, cracks & holes, in structures, complete (structures 8' deep or less)	4	EA	\$ 800.00	\$ 3,200.00
240ND	24" PIPE - 11.0mm (.433")	140	LF	\$ 190.00	\$ 26,600.00
270ND	Inversion Setup Charge 15"- 36" CIPP	2	EACH	\$ 2,500.00	\$ 5,000.00
280ND	72" Cent. Spin Cast Lining	59	LF	\$ 850.00	\$ 50,150.00
370ND	Finish Grading	114	SY	\$ 10.00	\$ 1,140.00
372ND	Debris Removal	4	CY	\$ 75.00	\$ 300.00
382ND	Install & Remove Orange Tree Save Fence	70	LF	\$ 10.00	\$ 700.00
389ND	Sodding Complete-Bermuda	114	SY	\$ 15.00	\$ 1,710.00
393ND	Pine Straw	2	EA	\$ 9.00	\$ 18.00
409ND	Removal of Existing Drainage Structure	1	EA	\$ 2,250.00	\$ 2,250.00
410ND	Remove Existing Pipe all Types and Sizes	20	LF	\$ 85.00	\$ 1,700.00
412ND	Stone #57	18	TON	\$ 90.00	\$ 1,620.00
434ND	Adjust Manhole Cover in soil (complete, includes removal or modification of old s	1	EA	\$ 1,750.00	\$ 1,750.00

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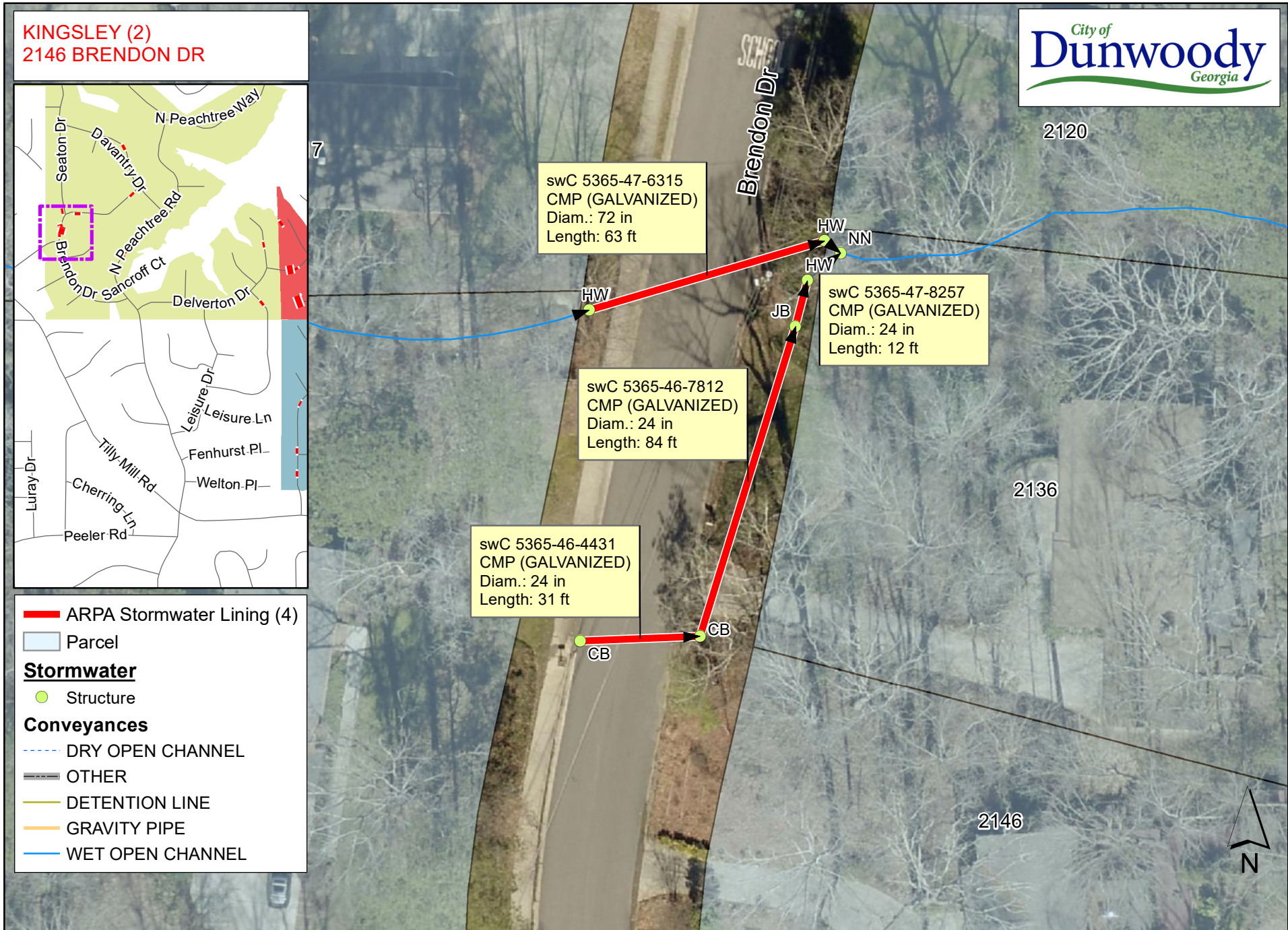
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