



CITY OF FORT LAUDERDALE
City Commission Agenda Memo
REGULAR MEETING

#23-0695

TO: Honorable Mayor & Members of the
Fort Lauderdale City Commission

FROM: Greg Chavarria, ICMA-CM, City Manager

DATE: August 22, 2023

TITLE: Resolution Authorizing the City Manager to Execute a Reimbursable Grant Agreement with the Florida Department of Environmental Protection (FDEP) for the Dorsey-Riverbend Stormwater Improvements Project in an Amount up to \$10,482,997 - **(Commission District 3)**

Recommendation

Staff recommends the City Commission approve a resolution authorizing the City Manager to execute a Reimbursable Grant Agreement (Exhibit 1) with the Florida Department of Environmental Protection (FDEP) in an amount of up to \$10,482,997 and execute any documents required to accept funds, between the FDEP and the City of Fort Lauderdale, for the Dorsey-Riverbend Stormwater Improvements Project.

Background

The Dorsey-Riverbend Neighborhood stormwater project area is approximately 382 acres with approximately 1,200 parcels of primarily low to moderate income residences located within the City of Fort Lauderdale. This neighborhood's stormwater needs are being served by an undersized, 60+ years old system, which can no longer keep up with the demands imposed by increased rainfall intensities, sea level rise, rising water table effects, and surging population densities. The neighborhood habitually floods during small to medium intensity storm events, causing significant disruption to pedestrian and vehicular traffic, and damaging public and private infrastructure.

The proposed improvements will provide protection against large tropical storm events, such as hurricanes, as well as future sea level rise ensuring the Dorsey-Riverbend Neighborhood will remain a thriving community for many years into the future. The project scope for the Dorsey-Riverbend Stormwater Improvements project will be to replace the aging and undersized stormwater management infrastructure with a comprehensive system that will significantly reduce the frequency, intensity, and duration of flooding in the neighborhood and improve water quality treatment prior to discharged into the North Fork of the New River and ultimately into the Intracoastal Waterways. The improvements will include approximately 10,000 linear feet (LF) of new stormwater pipe and exfiltration trenches, over 80 structures, 5,000 LF of new swales, and 3,000 square yards (SY) of permeable pavement. Lastly, the system will also include a stormwater pump station that

will be capable of draining these low-lying areas during elevated high tide events and projected sea level rise scenarios. The stormwater improvements described above have been designed and permitted through all appropriate agencies and is currently being packaged to go out to bid for construction. This is a shovel-ready project that will take approximately 2-years to construct once a contractor is procured.

Acceptance of this Florida Department of Environmental Protection (FDEP) grant will require a local match of 50%. It is a reimbursement grant and is subject to the State's annual appropriation of funds. It will fund approximately 50% of the project's estimated construction costs. All work must be completed by September 30, 2026, by the Grantee, with the remaining construction costs to be funded from the Community Investment Plan (CIP).

Resource Impact

There is an anticipated positive fiscal impact to the City for the grant in the amount of \$10,482,997, and a grant match fiscal impact in the amount of \$10,482,997. These appropriations are contingent upon the approval of the August 22, 2023, consolidated budget amendment CAM #23-0735.

Source:

<i>Funds available as of August 7, 2023</i>					
ACCOUNT NUMBER	INDEX NAME (Program)	CHARACTER CODE/ SUB-OBJECT NAME	AMENDED BUDGET (Character)	AVAILABLE BALANCE (Character)	AMOUNT
10-470-9300-538-331-390-23P11845	Dorsey Riverbend Stormwater Improvements	Intergovernmental Revenue/ Florida Department of Environmental Protection	\$0	\$0	\$10,482,997
APPROPRIATION TOTAL ►					\$10,482,997

Use:

ACCOUNT NUMBER	INDEX NAME (Program)	CHARACTER CODE/ SUB-OBJECT NAME	AMENDED BUDGET (Character)	AVAILABLE BALANCE (Character)	AMOUNT
10-470-9300-538-60-6599-23P11845	Dorsey Riverbend Stormwater Improvements	Capital Outlay/ Construction	\$0	\$0	\$10,482,997
APPROPRIATION TOTAL ►					\$10,482,997

Source (Cash Match):

<i>Funds available as of July 7, 2023</i>					
ACCOUNT NUMBER	INDEX NAME (Program)	CHARACTER CODE/ SUB-OBJECT NAME	AMENDED BUDGET (Character)	AVAILABLE BALANCE (Character)	AMOUNT
10-473-7999-538-60-6599-23SWCIP	Special Assessment Bonds 2023A Construction - Stormwater	Capital Outlay/ Construction	\$110,357,102	\$110,357,102	\$10,482,997
APPROPRIATION TOTAL ►					\$10,482,997

Use (Cash Match in Grant Fund):

ACCOUNT NUMBER	INDEX NAME (Program)	CHARACTER CODE/ SUB-OBJECT NAME	AMENDED BUDGET (Character)	AVAILABLE BALANCE (Character)	AMOUNT
10-473-7999-538-60-6599-P11845	Dorsey Riverbend Stormwater Improvements	Capital Outlay/ Construction	\$2,500,000	\$220,004	\$10,482,997
APPROPRIATION TOTAL ►					\$10,482,997

Strategic Connections

This item is a 2022 *Top Commission Priority*, advancing the Infrastructure and Resilience initiative.

This item supports the *Press Play Fort Lauderdale 2024 Strategic Plan*, specifically advancing:

- The Infrastructure Focus Area
- Goal 1: Build a sustainable and resilient community.
- Objective: Reduce flooding and adapt to sea level rise

This item advances the *Fast Forward Fort Lauderdale 2035 Vision Plan: We Are Ready*.

This item advances the *Advance Fort Lauderdale 2040 Comprehensive Plan* specifically advancing:

- The Infrastructure Focus Area
- The Climate Change Element
- Goal 2: Achieve a climate-resilient community through the protection and adaptation of public infrastructure, services, and natural resources from adverse climate change impacts.

Attachments

Exhibit 1 – FDEP Agreement No. 22FRP124

Exhibit 2 – Resolution

Prepared by: Courtney Harris, Grants and Special Projects Coordinator, Public Works
Shannon Barrett, Financial Administrator, Public Works
Rares Petrica, Senior Project Manager, Public Works

Department Director: Alan Dodd, Public Works