



City of Lauderhill

City Commission
Chambers at City Hall
5581 W. Oakland Park
Blvd.
Lauderhill, FL, 33313
www.lauderhill-fl.gov

File Details

File Number: 24R-5465

File ID: 24R-5465

Type: Resolution

Status: Agenda Ready

Version: 1

Reference:

In Control: City Commission Meeting

File Created: 12/19/2023

File Name: Turnpike Drainage

Final Action:

Title: RESOLUTION NO. 24R-01-10: A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF LAUDERHILL ACCEPTING THE PROPOSAL FROM PREVIOUSLY COMMISSION-APPROVED QUALIFIED CONSULTANT, BCC ENGINEERING, LLC, IN AN AMOUNT NOT TO EXCEED \$83,500.70 FOR PROFESSIONAL ENGINEERING SERVICES TO DESIGN THE DRAINAGE PLANS AND BID SPECIFICATIONS FOR THE PROPOSED IMPROVEMENTS EAST OF THE FLORIDA TURNPIKE (BASIN C) TO MITIGATE FLOODING PROBLEMS; PROVIDING FOR PAYMENT FROM BUDGET CODE NUMBER 450-925-06951; PROVIDING FOR AN EFFECTIVE DATE (REQUESTED BY CITY MANAGER, DESORAE GILES-SMITH).

Notes:

Sponsors:

Enactment Date:

Attachments: RES-24R-01-10-Proposal-BCC Engineering-Turnpike drainage.pdf, BCC Proposal - Basin B Drainage Imp E. of TPK_R1 (002), Survey

Enactment Number:

Contact:

Hearing Date:

* **Drafter:** jfletcher@laudershill-fl.gov

Effective Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
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Text of Legislative File 24R-5465

RESOLUTION NO. 24R-01-10: A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF LAUDERHILL ACCEPTING THE PROPOSAL FROM PREVIOUSLY COMMISSION-APPROVED QUALIFIED CONSULTANT, BCC ENGINEERING, LLC, IN AN AMOUNT NOT TO EXCEED \$83,500.70 FOR PROFESSIONAL ENGINEERING SERVICES TO DESIGN THE DRAINAGE PLANS AND BID

SPECIFICATIONS FOR THE PROPOSED IMPROVEMENTS EAST OF THE FLORIDA TURNPIKE (BASIN C) TO MITIGATE FLOODING PROBLEMS; PROVIDING FOR PAYMENT FROM BUDGET CODE NUMBER 450-925-06951; PROVIDING FOR AN EFFECTIVE DATE (REQUESTED BY CITY MANAGER, DESORAE GILES-SMITH).

Request Action:

Commission approval for a contract with **BCC Engineering LLC** in the amount of **\$83,500.70** to design the drainage plans and bid specifications for the proposed improvements east of the Florida turnpike (Basin C).

Need:

The City has identified the need to mitigate the flooding problems in the vicinity of 51st Avenue by improving drainage conditions, establish new discharge areas and prevent the Turnpike's runoff from entering the residential neighborhood. The engineer consultant will design the corresponding improvements and components to the drainage system in order to solve the problem.

Summary Explanation/ Background:

When the sound-barrier wall was installed along the Turnpike, it cut/interrupted the discharge into an existing canal which no longer exists causing extreme flooding of the roads and driveways around the neighborhood. Any main rain event affecting the City will result in area flooding east of the Florida Turnpike because of this condition. The intent of the project is to add new drainage infiltration areas, establish new conveyance and discharge points and stop any outside runoff from entering the neighborhood. The design will include pipes, catch basin replacement, addition of french drains, reconfiguration of ditches and swales as well as the installation of control structures and check valves to avoid runoff entering the City. This firm is already an approved consultant based on the agreement for the Miscellaneous Professional Services for the City.

Attachments:

1. BCC Engineering scope and fee proposal
2. Survey

Cost Summary/ Fiscal Impact:

\$83,500.70 from account number 450-925-06951. Funding is available.

Estimated Time for Presentation:

Master Plan:

Goal 1: Clean, Green Sustainable Environment

- Increase mass transit ridership
- Reduce City energy consumption
- Reduce water consumption

Goal 2: Safe and Secure City of Lauderhill

- Crime in lower 50% in Broward Residents feel safe in neighborhood
- Reduce emergency fatalities

Goal 3: Open Spaces and Active Lifestyle for all ages

- Increase participation in youth sports Add new park land and amenities
- Increase attendance at cultural programs and classes

Goal 4: Growing Local Economy, Employment and Quality of Commercial Areas

- Increase commercial tax base Increase employment in Lauderhill businesses
- Decrease noxious and blighted uses in commercial areas

Goal 5: Quality Housing at all Price Ranges and Attractive Communities

- Neighborhood signs and active HOAs Housing & streets improved, litter reduced
- Increase proportion of single family homes and owner occupied housing

Goal 6: Efficient and Effective City Government, Customer Focused & Values Diversity

- Improves City efficiency Increase use of Information Technology
- Increases residents perception of Lauderhill as an excellent place to live