



TOWN OF CUTLER BAY

2020-02

State Legislative Session

Funding Request(s)

PROJECT:

Saga Bay Drainage Improvement





Office of the Town Manager

Rafael G. Casals, CFM, ICMA-CM
Town Manager

Saga Bay Community Drainage Project

Amount Requested: \$400,000 (50%)
Match funding available: \$400,000 (50%)
Total Project Cost: \$800,000

Contact Person: Rafael G. Casals, Town Manager
Town of Cutler Bay
10720 Caribbean Blvd., Suite 105
Cutler Bay, Florida 33189
Office: 305-234-4262 ~ Fax: 305-234-4251
Email: rcasals@cutlerbay-fl.gov

Project Abstract:

The Town of Cutler Bay is requesting \$400,000 for Capital Improvements that will improve stormwater management system and treat runoff pollutants in the Saga Bay neighborhood. The project site consists of approximately 23.5 acres of single-family homes and approximately 4,800 linear feet of roadway. This residential community regularly experiences heavy flooding due to inadequate drainage infrastructure and there are 8 repetitive loss properties in the neighborhood. The Town will increase the system's capacity to collect runoff and prevent flooding.

During the development of the Town's Stormwater Master Plan, localized ponding was observed in the roadway within this sub-basin. Residents continue to see heavy flooding in this area, and regularly advocate for improved drainage in the community. The Town is currently in the process of improving drainage throughout the neighborhood. There are nine (9) sub-basins in the area, and the Town has completed improvements to four (4). *This project is included in the Miami-Dade County Local Mitigation Strategy and the Town's FEMA Approved Flood Mitigation Plan. It will be shovel ready by March 2020.*

Planned Drainage Improvements

Based on the Capital Improvement recommendations listed in the Town's Adopted Stormwater Master Plan, existing catch basins will be modified or reconstructed as required to provide sediment traps (sumps) and pollution retardant baffles to protect the French drains and weir structures shall be installed prior to each outfall to restrict the discharge of pollutants to the community lake. In addition, additional French drain, catch

basins, and manholes are proposed to provide water quality and water quantity treatment. Finally, concrete aprons can be installed around each of the catch basins to ensure that roadway runoff flow is not impeded by landscaping around the catch basins.

Project Location:

North of SW 198th Terrace, south of SW 196th Street, east of SW 81st Court and west of SW 78th Avenue and is part of the DA-4-4 Basin.

Project Benefits:

Cutler Bay is bordered on the West by Biscayne Bay National Park and the Biscayne Bay Wetlands. In our efforts to protect the Bay, the Town has implemented a series of best management practices as it relates to stormwater treatment. The Town consistently educates the community about water pollution due to stormwater runoff and regularly maintains the Town's streets and drainage systems. All Capital Improvement projects include improved treatment trains that will ultimately reduce pollutant loads to Biscayne Bay by 80% or greater.

Match Funding Available:

The Town commits \$400,000 (50%) of the total estimated cost of \$800,000 as match. This funding is obtained through "Stormwater Utility Fees" in accordance with the Town's adopted Stormwater Master Plan. This fee is assessed on the utility bill of each residential or commercial property. This fee has not been increased for the purpose of funding this project.



Steve Detwiler, LMS Chair
Miami-Dade Emergency Management
9300 N.W. 41st Street
Miami, FL 33178-2414
Phone: (305)-468-5429



October 8, 2019

Senator Jose Javier Rodriguez
220 Senate Office Building
404 South Monroe Street
Tallahassee, FL 32399-110

Re: 2020-2021 Legislative Appropriation Request for Drainage Improvement Project for Saga Bay Sub-Basin

Dear Senator Rodriguez,

The Miami-Dade County Local Mitigation Strategy (LMS) Working Group has approved that the Drainage Improvement project for the Saga Bay Sub-Basin is listed as a current project within the Miami-Dade LMS.

The project aligns with our LMS goals and objectives as noted, and with the State's mitigation goals and objectives (in accordance with the Code of Federal Regulations 44§ 201.6). Furthermore, Cutler Bay is an active, continuing participant in the Miami-Dade County Local Mitigation Strategy (LMS) Working Group.

For further information or inquiry, please contact me at 305.468.5423 or steved@miamidade.gov

Sincerely,

Steve Detwiler

Miami-Dade County LMS Chair

Steve Detwiler, LMS Chair
Miami-Dade Emergency Management
9300 N.W. 41st Street
Miami, FL 33178-2414
Phone: (305)-468-5429



October 8, 2019

Representative Javier E. Fernandez
1102 the Capitol
402 South Monroe Street
Tallahassee, FL 32399-1300

Re: 2020-2021 Legislative Appropriation Request for Drainage Improvement Project for Saga Bay Sub-Basin

Dear Representative Fernandez,

The Miami-Dade County Local Mitigation Strategy (LMS) Working Group has approved that the Drainage Improvement project for the Saga Bay Sub-Basin is listed as a current project within the Miami-Dade LMS.

The project aligns with our LMS goals and objectives as noted, and with the State's mitigation goals and objectives (in accordance with the Code of Federal Regulations 44§ 201.6). Furthermore, Cutler Bay is an active, continuing participant in the Miami-Dade County Local Mitigation Strategy (LMS) Working Group.

For further information or inquiry, please contact me at 305.468.5423 or steved@miamidade.gov

Sincerely,

Steve Detwiler

Miami-Dade County LMS Chair

U.S. Department of Homeland Security
FEMA Region IV
3003 Chamblee Tucker Road
Atlanta, GA 30341



FEMA

June 22, 2015

Mr. Miles Anderson
State Hazard Mitigation Officer
Division of Emergency Management
2555 Shumard Oak Boulevard
Tallahassee, Florida 32399-2100

Reference: Town of Cutler Bay FL Flood Mitigation Assistance (FMA) Strategy

Dear Mr. Anderson:

We are pleased to inform you that the Town of Cutler Bay FL Flood Mitigation Assistance (FMA) Plan is in compliance with the federal hazard mitigation planning requirements, as contained in 44 CFR §78.5, revised as of October 1, 2007. The FMA plan is approved pursuant to 44 CFR §78.6. This letter is to confirm the Town of Cutler Bay FL FMA is in accordance with the Program Administration by States (PAS) requirements.

We encourage the Town of Cutler Bay, located in Miami-Dade County, planning committee to incorporate this revised and approved flood mitigation plan into their 2015 updated multi-jurisdictional hazard mitigation plan. As of October 1, 2008, per 44 CFR § 79.6 (c), FMA planning grants are limited to those activities necessary to develop or update the flood portion of any mitigation plan.

The State and the participants in the Town of Cutler Bay FMA plan update are to be commended for their coordination and communications with our office in the review and subsequent approval of the FMA plan. If you or the participants of the Town of Cutler Bay have any questions or need any additional information please do not hesitate to contact Gabriela Vigo, of the Hazard Mitigation Assistance Branch, at (229) 225-4546, or Linda L. Byers of my staff at (770)-220-5498.

Sincerely,

A handwritten signature in black ink that reads "Robert E. Lowe". The signature is written in a cursive style with a long horizontal stroke extending to the right.

Robert E. Lowe, Chief
Risk Analysis Branch
Mitigation Division



STATE OF FLORIDA

DIVISION OF EMERGENCY MANAGEMENT

RICK SCOTT
Governor

BRYAN W. KOON
Director

June 24, 2015

Ms Lakeesha Morris
Floodplain Mitigation Coordinator
10720 Caribbean Boulevard, Suite 201
Cutler Bay, Florida 33189

Re: Town of Cutler Bay Floodplain Mitigation Plan Approval Notification

Dear Ms. Morris:

Congratulations! The enclosed letter constitutes the Federal Emergency Management Agency's (FEMA) formal approval of the Town of Cutler Bay Floodplain Mitigation Plan.

The mitigation planning unit would like to thank you for all of your hard work. It has been a pleasure working with you and we look forward to serving you in the future. If you have any questions regarding this matter, please contact David M. Block at 850-413-9959 or David.Block@em.myflorida.com.

Respectfully,

A handwritten signature in blue ink, appearing to read "M. Anderson".

Miles E. Anderson,
Bureau Chief, Mitigation
State Hazard Mitigation Officer

MEA/dmb

Attachments: FEMA letter