



Florida Department of Transportation

Cutler Bay SW 82 Avenue Roadway Improvements





OFFICE OF THE TOWN MANAGER

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

February 19, 2021

Mr. James Wolfe
District VI Secretary
Florida Department of Transportation
1000 N.W. 111 Avenue
Miami, Florida 33172

Re: Town of Cutler Bay-S.W. 82 Avenue Roadway Improvements
2021 Application Cycle – Transportation Alternatives Program

Dear Mr. Wolfe,

The Town of Cutler Bay (the “Town”) is pleased to join the Florida Department of Transportation (FDOT) in expanding mobility options for our residents. The Town is requesting \$800,000.00 in the 2021 Transportation Alternatives Program Application Cycle.

The proposed project implements traffic calming techniques along S.W. 82 Avenue from S.W. 184 Street to Old Cutler Road. Planned improvements include installing two traffic roundabouts, improved drainage as required, new sidewalks to eliminate gaps along S.W. 184 Street, ADA ramps, and painting of bicycle sharrows along the project path. The Town commits a local match of \$152,000.00 and will continue to budget for operations and maintenance once grant funding has expired.

Funding for this project became available on October 1, 2020. If you should have any questions or concerns, feel free to contact Mr. Alfredo Quintero, Jr., Public Works Director, at (305) 234-4262 or via email at aquintero@cutlerbay-fl.gov

Thank you,

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

Cc: Alfredo Quintero, Jr., Public Works Director, Town of Cutler Bay
Stacey Burger, Grants Coordinator, Town of Cutler Bay
LaKeesha Morris-Moreau, Grant Consultant, BellTower Consulting Group, LLC



**Town of Cutler Bay
Cutler Bay SW 82 Avenue Roadway Improvements**

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FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT VI
 TRANSPORTATION ALTERNATIVES
 APPLICATION FOR FISCAL YEAR 2026/2027
 2021 Application Cycle

A. APPLICANT INFORMATION

AGENCY (Local Agency PROJECT SPONSOR): Town of Cutler Bay	
APPLICATION CONTACT PERSON: Alfredo Quintero	TITLE: Public Works Director
ADDRESS: 10720 Caribbean Blvd. Suite 105	CITY / STATE / ZIP: Cutler Bay, FL 33189
PHONE: 305-234-4262	EMAIL: aquintero@cutlerbay-fl.gov
PROJECT SPONSOR'S LOCAL AGENCY PROGRAM (LAP) CERTIFICATION STATUS ¹ <i>Select one response</i>	

- Full Certification: June 25, 2022 Responsible Charge: Alfredo Quintero, Public Works Director
Phone: 305-234-4262
- Project Specific Certification: *Click here to enter text.* Responsible Charge: *Click here to enter text.*
Phone: *Click here to enter text.*
- Not Certified, Local Agency has attached a Certification Schedule *
- Not Certified, Local Agency does not have a Certification Schedule*

B. PROJECT INFORMATION

PROJECT TITLE: Cutler Bay SW 82 Avenue Roadway Improvements
PROJECT LOCATION: Town of Cutler Bay, Florida
ROADWAY NAME AND/OR NUMBER: SW 82 Avenue
PURPOSE OF PROJECT: Construction of traffic calming techniques
PROJECT BRIEF DESCRIPTION: The Town of Cutler Bay is requesting \$800,000 to implement traffic calming techniques along SW 82 Avenue from SW 184 Street to Old Cutler Road. Planned improvements include the installation of one traffic roundabout, improved drainage as required, new sidewalks to eliminate gaps along SW 184 Street, ADA ramps, and painting of bicycle sharrows along the project path.

Note: All questions on the application **must** have a response. Failure to respond **to all** questions will result in a **disqualification** of the application. Should you feel that a question is not applicable to your project, please respond "not applicable."

FOR FDOT USE ONLY		
Application Complete	<input type="checkbox"/> YES	<input type="checkbox"/> NO
Project Eligible	<input type="checkbox"/> YES	<input type="checkbox"/> NO

¹ All Agencies shall be certified according to the Local Agency Program Manual Chapter 2, for more details contact the Local Programs office at (305) 470-5141 https://fdotwww.blob.core.windows.net/sitefinity/docs/default-source/programmanagement/lap/manual/final-ch2-20190319.pdf?sfvrsn=a03958a9_2

C. TA QUALIFYING ACTIVITIES - PROJECT CRITERIA

Select the Transportation Alternative activity that the proposed project will address. Please select one activity that represents most of the work proposed. Eligible activities must be consistent with details described under 23 U.S.C. 101(a) (29) and 213(b). (Note: selecting more than one activity does not ensure or increase eligibility.)

1. Construction of on-road and off-road trail facilities for pedestrians, bicyclists, and other non-motorized forms of transportation, including sidewalks, bicycle infrastructure, pedestrian and bicycle signals, traffic calming techniques, lighting and other safety - related infrastructure, and transportation projects to achieve compliance with the Americans with Disabilities Act of 1990
2. Construction, planning, and design of infrastructure-related projects and systems that will provide safe routes or for non-drivers, including children, older adults, and individuals with disabilities to access daily needs
3. Conversion and use of abandoned railroad corridors for trails for pedestrians, bicyclists, or other non-motorized Transportation users
4. Construction of turnouts, overlooks, and viewing areas
5. Community improvement activities, which include but are not limited to:
 - a) Inventory, control, or removal of outdoor advertising
 - b) Historic preservation and rehabilitation of historic transportation facilities
 - c) Vegetation management practices in transportation rights-of-way to improve roadway safety, prevent against invasive species, and provide erosion control
 - d) Archaeological activities relating to impacts from implementation of a transportation project eligible under Title 23
6. Any environmental mitigation activity, including pollution prevention and pollution abatement activities and mitigation to:
 - a) Address storm water management, control, and water pollution prevention or abatement related to highway construction or due to highway runoff, including activities described in sections 133(b) (11), 328(a), and 329 of Title 23; or
 - b) Reduce vehicle-caused wildlife mortality or restore and maintain connectivity among terrestrial or aquatic habitats
7. SRTS program-eligible projects and activities listed in section 1404(f) of the SAFETEA-LU:
 - a) Infrastructure-related projects
 - b) Non-infrastructure-related projects
 - c) Safe Routes to School Coordinator
8. Planning, designing, and constructing boulevards² and other roadways largely in the Right-of-Way of former Interstate System routes or other divided highways
9. Recreational trails program³

² A boulevard is defined as a walkable, low speed (35 mph or less) divided arterial thoroughfare in urban environments designed to carry both through and local traffic, pedestrians and bicyclists. Boulevards may be long corridors, typically four lanes but sometimes wider, serve longer trips, provide pedestrian access to land, may be high ridership transit corridors, are primary emergency response routes and use vehicular and pedestrian access management techniques. Curb parking is encouraged.

³ https://www.fhwa.dot.gov/environment/transportation_alternatives/guidance/guidance_2016.cfm#RecreationalTrails

D. PROJECT DETAILS

1. Roadway Classification:

- State Roadway
 Federal Aid Roadway
 Local Roadway
 Other

2. Project Termini:

Begin: SW 184 Street **End:** Old Cutler Road **Project Length:** 0.762 Mile

If the project has various locations, include an attachment specifying each termini and project length.

Attachment included? Yes No

3. Location maps and aerials are attached: REQUIRED

Yes No

4. Provide the Scope of Work: *Click here to enter text.*

A detailed scope of work is attached Yes No

Conceptual plans are attached Yes No

Typical section drawings are attached Yes No

5. Identify the project stakeholders: Excerpt of Public Involvement from Traffic Calming Master Plan attached

Has the Local Agency received input from stakeholders? Yes No

Briefly explain During the development of the Town's Traffic Calming Master Plan, the consultant and Town staff conducted four (4) public involvement meetings. Residents were able to submit feedback via comment cards, online surveys, and email. The publicly noticed meetings were advertised on the Town's social media platforms, email marketing campaign, Cutler Bay Newspaper, and direct mail. The Town was able to reach consensus on high priority traffic concerns by asking residents to help map problem areas and suggested improvements and through verbal feedback. Prior to the Council adopting the master plan, a final public meeting was held to explain the various recommended improvements.

6. Has the Local Agency performed public awareness activities or held community meetings? Yes No

If yes, provide a brief description and attach supporting documentation: see response to #5

7. Is there public and/or private support for the project? Yes No

If yes, provide a brief description and attach supporting documentation (e.g. petitions, written endorsements, resolutions, letters of support, etc.): Public support of this project is evidenced by it's inclusion as a recommended improvement in the adopted Traffic Calming Master Plan.

E. PROJECT IMPLEMENTATION PLAN

1. Select the project phase(s) the local agency is applying for in this application:

- Planning Activities
 Project Development & Environment⁴
 Preliminary Engineering/Final Design
 Right of Way⁵
 Construction
 Construction Engineering & Inspection (CEI)

NOTE: Local agencies are not eligible to be certified in PD&E and/or ROW; therefore, funds cannot be requested to self-administer PD&E and/or ROW phase (s).

2. Select who will execute the project phase (s) identified in the question above. Check all applicable boxes:

⁴ Refer to LAP Manual Chapter 11

⁵ Refer to LAP Manual Chapter 12

PLANNING	PD&E	DESIGN	ROW	CONSTRUCTION	CEI
<input checked="" type="checkbox"/> Local Agency Staff	<input type="checkbox"/> FDOT	<input type="checkbox"/> Local Agency Staff	<input type="checkbox"/> FDOT	<input checked="" type="checkbox"/> Contractor	<input type="checkbox"/> Local Agency Staff ⁶
<input type="checkbox"/> Consultant	<input checked="" type="checkbox"/> Not Applicable	<input checked="" type="checkbox"/> Consultant	<input checked="" type="checkbox"/> Not Applicable	<input type="checkbox"/> FDOT	<input checked="" type="checkbox"/> Consultant
<input type="checkbox"/> Not Applicable		<input type="checkbox"/> FDOT		<input type="checkbox"/> Not Applicable	<input type="checkbox"/> FDOT
		<input type="checkbox"/> Not Applicable			<input type="checkbox"/> Not Applicable

Note: Chapter 337.14 Florida Statutes was amended by HB 905, effective July 1, 2019 prohibiting an entity from performing both design services and construction engineering and inspection services for a project wholly or partially funded by the Department of Transportation and administered by a local governmental entity.

3. Is this project related to other FDOT funded phase(s) that are complete, underway or in FDOT's 5-year Work Program? Yes No

If yes, provide the associated 11-digit Financial Management number(s): Not applicable

4. Are signed and sealed design plans available for the project associated with this application? Yes No

a. If yes, are design plans updated to current standards and existing conditions? Yes No

1. Specify the date of design plans developed? *Click here to enter text.*

2. Enter Engineer of Record contact information: *Click here to enter text.*

b. If no, identify status of design plans

No plans

30%

60%

90%

Other Describe: Engineering consultant will complete design and permitting by July 2022

5. Attach a project schedule (dates may be tentative)Attached

Include (as applicable):

Consultant acquisition & award Yes No

Contractor acquisition & award Yes No

Project schedule and production dates Yes No

Plans preparation & review submittal (FDOT 30 days review) Yes No

Environmental Assessments Yes No

Permit Acquisition Yes No

6. Identify permits required: Permits will be secured from Town of Cutler Bay, FDOT review, Miami-Dade Transportation and Public Works, and Miami-Dade Department of Regulatory and Economic Resources

Copies of permits are attached to this application Yes No

7. Is a maintenance plan proposed? Yes No

Describe: The project is maintained by the Town of Cutler Bay. This includes, but is not limited to; bi-weekly landscaping and lawn maintenance. Bi-Annual drainage maintenance/street sweeping, monthly visual sidewalk inspections and repairs as necessary, and general upkeep of the project area.

8. Attach documents requested as exhibits to this application. List exhibits: 1-Location Map, 2-Scope of Work, 3-Typical Cross Section for a Traffic Circle in Cutler Bay, 4-Public Involvement, 5-Preliminary Cost Estimate, 6-Project Timeline, 7-History of Funded Projects, 8-Match Commitment Letter

⁶ Work done by local agency staff requires prior FDOT approval in any phase identified

F. RIGHT OF WAY

1. Is the project within the Local Agency's right of way? Yes No

If yes, describe the project's existing Right-of-Way ownership as it relates to the project. (i.e. plats, deeds, prescriptions, certified surveys, easements). The project takes place within the local roadway owned and maintained by the Town of Cutler Bay.

If no, describe the existing ROW conditions. *Click here to enter text.*

2. Is Right-of-Way acquisition proposed in this application? Yes No

If yes, describe the proposed acquisition and provide a ROW map *Click here to enter text.*

Identify entity acquiring and retaining ownership of proposed Right-of-Way⁷: *Click here to enter text.*

Will temporary construction easements be required? Yes No

If yes, please describe: *Click here to enter text.*

G. ENVIRONMENTAL EVALUATION

Coordination with the Federal Highway Administration and the State Historic Preservation Officer will be required by Section 106 of the National Historic Preservation Act.

A. Has the Local Agency performed an environmental assessment for the project? Yes No

List the environmental assessments performed: The engineering consultant will conduct environmental assessments of the project as required.

B. Does the Local Agency have a historic preservation planner? Yes No

If yes, provide contact information: The Town conducted an Archeological and Historical Resources Survey. The survey found that there are "no historic structures or archeological sites in Cutler Bay listed on the National Register of Historic Places". The proposed project does not directly impact any structure.

C. Is the proposed project located adjacent to a locally designated historic property or a National Register of Historic places-listed historic site? Yes No

If yes, have any historic properties/places received Florida Department of State Historic Preservation Grant funds?

Yes No

If yes, attach preservation agreements, covenants, or easements.

D. Are archeological sites or Native American sensitive sites located within proximity to or adjacent to the project? Yes No

If yes, provide a brief description: *Click here to enter text.*

E. Has the Local Agency coordinated with any Federal or State Agencies for this project? Yes No

If yes, provide a brief description and submit supporting documentation: *Click here to enter text.*

F. Are parks, recreation areas or wildlife or waterfowl refuges in close proximity to the project? Yes No

If yes, provide a brief description: *Click here to enter text.*

G. Are there any navigable waterways adjacent or near the project? Yes No

If yes, provide a brief description: *Click here to enter text.*

⁷ All right-of-way acquisitions must comply with State and Federal rules, regulations and procedures.

H. Does the project have any wetland impacts? Yes No

If yes, will wetlands mitigation be needed? Yes No

If yes, provide a brief description: *Click here to enter text.*

I. Has the Local Agency reviewed the project for potential protected species/ critical habitat impacts? Yes No

If yes, provide a brief description: The agency has determined that there is no potential protected species or critical habitat impact. This will be further evaluated during the environmental review.

J. Has the Local Agency reviewed the project for potential contamination that could affect the area? Yes No

If yes, provide a brief description: The agency has determined that there is no potential contamination that could affect the area. This will be further evaluated during the environmental review.

K. Are there noise sensitive areas? Yes No

If yes, provide a brief description: *Click here to enter text.*

H. COST ESTIMATE

1. For projects that have not been designed, an opinion of probable cost **must be** submitted with this application. Utilize the FDOT's Basis of Estimates Manual⁸ to develop a **detailed** estimate with FDOT pay items for construction phase estimates. **If the project has been designed, then, a detailed engineer cost estimate must be submitted with this application.**

The opinion of probable cost or engineers cost estimate is attached to this application Yes No

2. Provide a summary of the estimated costs for the proposed work in the table below

A project cost estimate **must** be attached to this application

Activities	Total Cost	Local Funds	TA Funds
Planning Activities	<i>\$Click here to enter text.</i>	<i>\$Click here to enter text.</i>	<i>\$Click here to enter text.</i>
Project Development & Environmental Study	<i>\$Click here to enter text.</i>	<i>\$Click here to enter text.</i>	<i>\$Click here to enter text.</i>
Design Costs/ Plans Preparation	\$96,202.50	\$96,202.50	<i>\$Click here to enter text.</i>
Environmental Assessment(s) associated with the design phase	\$ 3,797.50	\$ 3,797.50	<i>\$Click here to enter text.</i>
Permits associated with the design phase (including application fees, mitigation, and permit acquisition work)	\$12,000	\$12,000	\$0
Right of Way	<i>\$Click here to enter text.</i>	<i>\$Click here to enter text.</i>	<i>\$Click here to enter text.</i>

⁸ Use the following links to access the Basis of Estimates Manual as well as historical cost information for your area:

<http://www.fdot.gov/programmanagement/Estimates/BasisofEstimates/BOEManual/BOEOnline.shtm>

<http://www.fdot.gov/programmanagement/Estimates/HistoricalCostInformation/HistoricalCost.shtm>

Construction	\$800,000	\$Click here to enter text.	\$800,000
Construction Engineering and Inspection activities (CEI)	\$40,000	\$40,000	\$Click here to enter text.
Other Costs (describe) ⁹ Click here to enter text.	\$Click here to enter text.	\$Click here to enter text.	\$Click here to enter text.
Total Estimated Project Cost	\$952,000	\$152,000	\$800,000

I. PROJECT FUNDING

TA FUNDS	\$ 800,000	PERCENTAGE OF TA FUNDS	80%
LOCAL FUNDS ALLOCATED	\$ 152,000	PERCENTAGE OF LOCAL CONTRIBUTION	15 %
TOTAL PROJECT COST	\$ 952,000		

Note: The percentage of local contribution indicated above will be greater than or equal to the local contribution to the final contract award.

Example A: A 20% local contribution is indicated for a construction project. The local agency was awarded \$1,000,000. The bid amount is \$1,000,000. The awarded amount would be reduced to \$800,000. The local agency would contribute \$200,000.

Example B: A 20% local contribution is indicated for a construction project. The local agency was awarded \$1,000,000. The bid amount is \$1,400,000. The awarded amount would remain \$1,000,000. The local agency would contribute \$400,000.

1. Describe in detail how the project will be funded (include funding types and commitment of funds):

The Town's match is funded by the People Transportation Program (PTP) and Stormwater Utility Fees

2. Provide the funding year for each phase(s) of the project:

Design = FY2021-2022 and Construction Phase = State FY 2022 through 2025

3. Provide a letter from the Local Agency's Budget Office committing Local Funds to the project.

A copy of the letter is included with this application.

Yes No

J. Project Sponsorship Certification

I hereby certify that the proposed project herein described is supported by Town of Cutler Bay (Local Agency, county, state or federal agency, or tribal council) and that said entity will: (1) provide any required funding match; (2) enter into a maintenance agreement with the Florida Department of Transportation (FDOT); (3) comply with the Federal Uniform Relocation Assistance and Acquisition Policies Act for any Right of Way actions required for the project, (4) Comply with Local Agency Program Manual during all phases of the project, (5) comply with the NEPA process prior to construction, which may involve coordination with the State Historic and Preservation Office (SHPO) prior to construction, and (6) support other actions necessary to fully implement the proposed project.

⁹ FDOT does not allow programming for contingency costs. Any contingency costs should be accounted for using local funds.

I further certify that the estimated costs are reasonable and understand that Town of Cutler Bay_(Local Agency, county, state or federal agency, or tribal council) will bear all expenses in excess of the total cost of the project. Upon notification of project award, I further certify that the aforementioned entity will work with the FDOT to ensure the associated contracts are executed in the fiscal year programmed. Project deferrals are highly discouraged and are subject to fund availability.

Name (please type or print): Rafael G. Casals

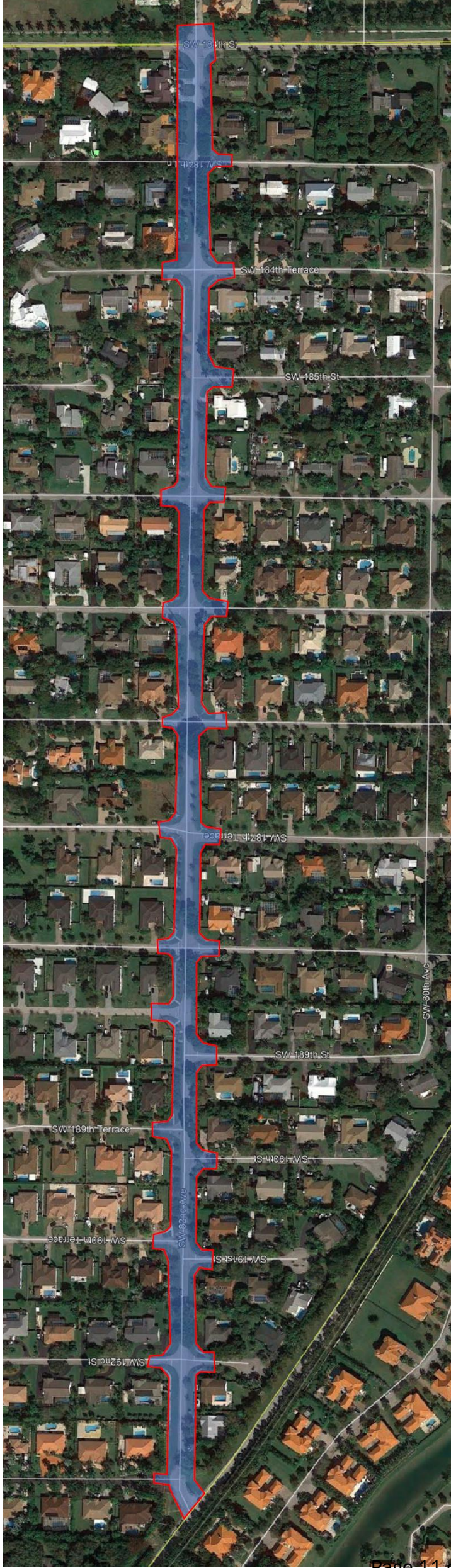
Title: Town Manager

Signature: _____



Date: 02/19/2021

EXHIBIT "A"



Limits of Survey

SW 82nd Avenue from SW 184th Street to Old Cutler Road
including 100' from CL on all connecting roads,
and 150' on SW 188th Street (East & West)

Project Background

In January 2018, the Town of Cutler Bay of cutler bay retained MARLIN engineering to develop a Townwide Traffic Calming Master Plan. A comprehensive data collection effort was performed at key locations throughout the Town as part of the study. It included: 24-Hour Average Daily and Peak Hour Traffic Counts and 85th Percentile Speed Data. The result of the master plan was a list of twenty-four (24) recommended traffic calming improvements. These improvements include the installation of roundabouts, raised crosswalks, or speed tables. Since 2018, the Town has implemented the proposed recommendations to provide safer connections for bicyclists and pedestrians within the community.

An analysis of the data collected along the SW 82nd Avenue project boundary found that the local roadway has “85th percentile speeds, average daily traffic, and peak hour volumes above the prescribed threshold values” for Miami-Dade Traffic Flow Modifications (pg. 18). The Town selected the 82nd Avenue project for consideration in the 2021 TAP Application cycle due to the connection between major arterial roadways Old Cutler Road and SW 184th Street (Eureka Drive).

Scope of Work

The Town of Cutler Bay proposes roadway improvements along SW 82nd Avenue from SW 184 Street/Eureka Boulevard and Old Cutler Road. Traffic calming and pedestrian safety techniques are planned such as:

- Installation of one (1) roundabout at SW 82 Avenue and SW 188 Street
- Drainage improvements at the roundabout
- New concrete sidewalks
- Installation of ADA ramps
- Curbs and gutter
- Milling and resurfacing of approximately .72 mile project site
- Fill in gaps in the sidewalk along the west side of SW 184 Street
- New pavement markings and signage
- New bicycle share lane (bike sharrows)
- Landscaping of roundabout

Project Readiness

At the time of application, the Town negotiated a scope of work based on recommendations from the Traffic Calming Master Plan. The engineering consultant will provide engineering design, preparation of construction documents, plans processing, and permitting to construct the project. Design and permitting will be completed by July 2022 and funded by the Town of Cutler Bay. The Town is requesting TAP support for construction only and is prepared to complete construction by December 2024.

Sample Cross Section for Roundabout

Roundabout

Circular raised island reduces speed at approaches and through the intersection. Traffic flows move around the island in a counter-clockwise direction. Circulating vehicles have the right of way. Deflector islands are installed on the approaches.

Advantages

- Reduces traffic speed (typically accommodates traffic speeds of 15-25 mph)
- Significantly reduces severity of intersection collisions
- Increased opportunity for landscaping
- Helps improve traffic operations
- Reduces noise impacts from stop signs and vehicle acceleration





TOWN OF CUTLER BAY

TOWNWIDE TRAFFIC CALMING MASTER PLAN



JANUARY 2018

Town of Cutler Bay

PREPARED BY:

MARLIN Engineering, Inc. | 1700 NW 66TH Ave, Plantation, FL 33313 | www.marlinengineering.com

MARLIN

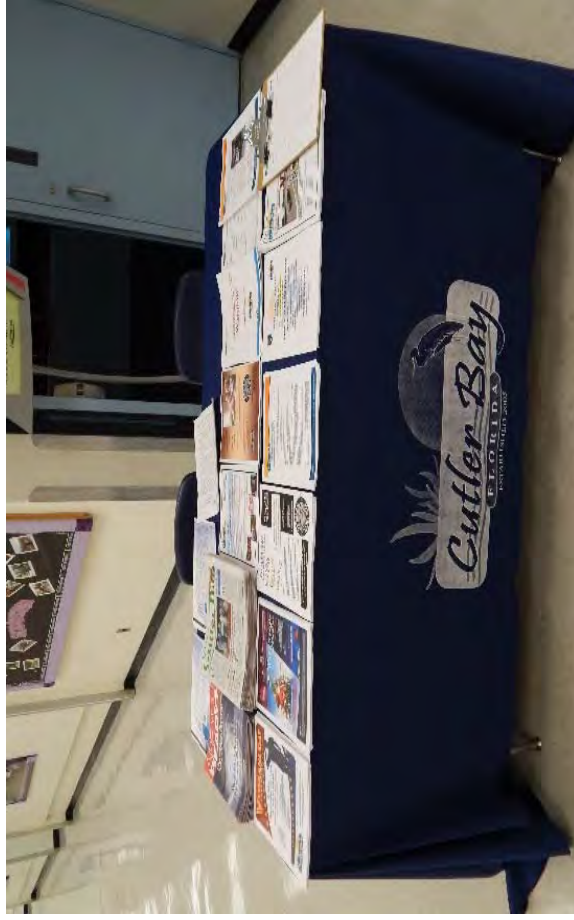
the agenda were mailed to residents in advance of the meeting. In addition, the meeting notice placed on the Town website. The following public feedback alternatives were available for the residents:

- Public Meetings
- Comment Cards
- Online Surveys
- E-mails



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designated zones. During those meetings, residents were able to interact with the staff of engineers from MARLIN and get direct feedback on the plan and status of the study. The Zone 1 meeting was held on September 28, 2016, Zone 2 met on October 26, 2016 and Zone 3 met on November 10, 2016. A final workshop was held on May 23, 2017 which included all the zones within the study area, to gather additional input. The Public Involvement Flyers are provided in **Appendix A.**



2.2.1 Kick-Off Meeting

During the Kick-off meeting, the Town and MARLIN staff discussed to the residents the traffic calming process, eligibility and minimum threshold requirements. MARLIN staff also explained the data collection and initial analysis process steps and provided projections as to which streets may be considered for traffic calming. It was also

The Town of Cutler bay with the support of MARLIN conducted five public meetings. However we have found, the most significant input was received through the “Kick-off” and “Public Workshops”. The Kick-off meeting was the first meeting, and included residents from all three zones. This meeting took place on September 8, 2016 after the kick-off meeting, the Town also organized individual meeting for each of the



explained that the results of the data collection and initial analysis will show if the streets meet the criteria for traffic calming. PowerPoint (Kick-off meeting) and meeting photos taken during the workshops are included in **Appendix B**.



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- On SW 103 Avenue and SW 104 Court at Caribbean Blvd, it is difficult to make a left to go east on Caribbean Blvd.
- A traffic light with left-turn arrow is needed for SW 87th Avenue and SW 185 Street.
- Vehicles are speeding in our residential neighborhood on SW 92 Avenue between SW 212 Street and SW 216 Street (Speed Hump needed).



- The speed limit along SW 92 Avenue and SW 206 Street needs to be reduced from 30 mph to 20 or 25 mph.
- I live at Jamaica Drive and Anchor Road. I have observed vehicles on occasion, travelling between SW 212 Street and Caribbean Blvd on Anchor Road at a high rate of speed

2.2.2 Public Workshops

During the workshops, MARLIN was able to collect more than 200 resident concerns. Accompanying these concerns were alternative feedback comments provided by the residents on how to address these concerns. Some of the concerns and traffic issues mentioned by the residents included:





- A “No left-turn” sign is needed on Old Cutler Road at SW 185 Terrace and a stop for pedestrian on all approaches.

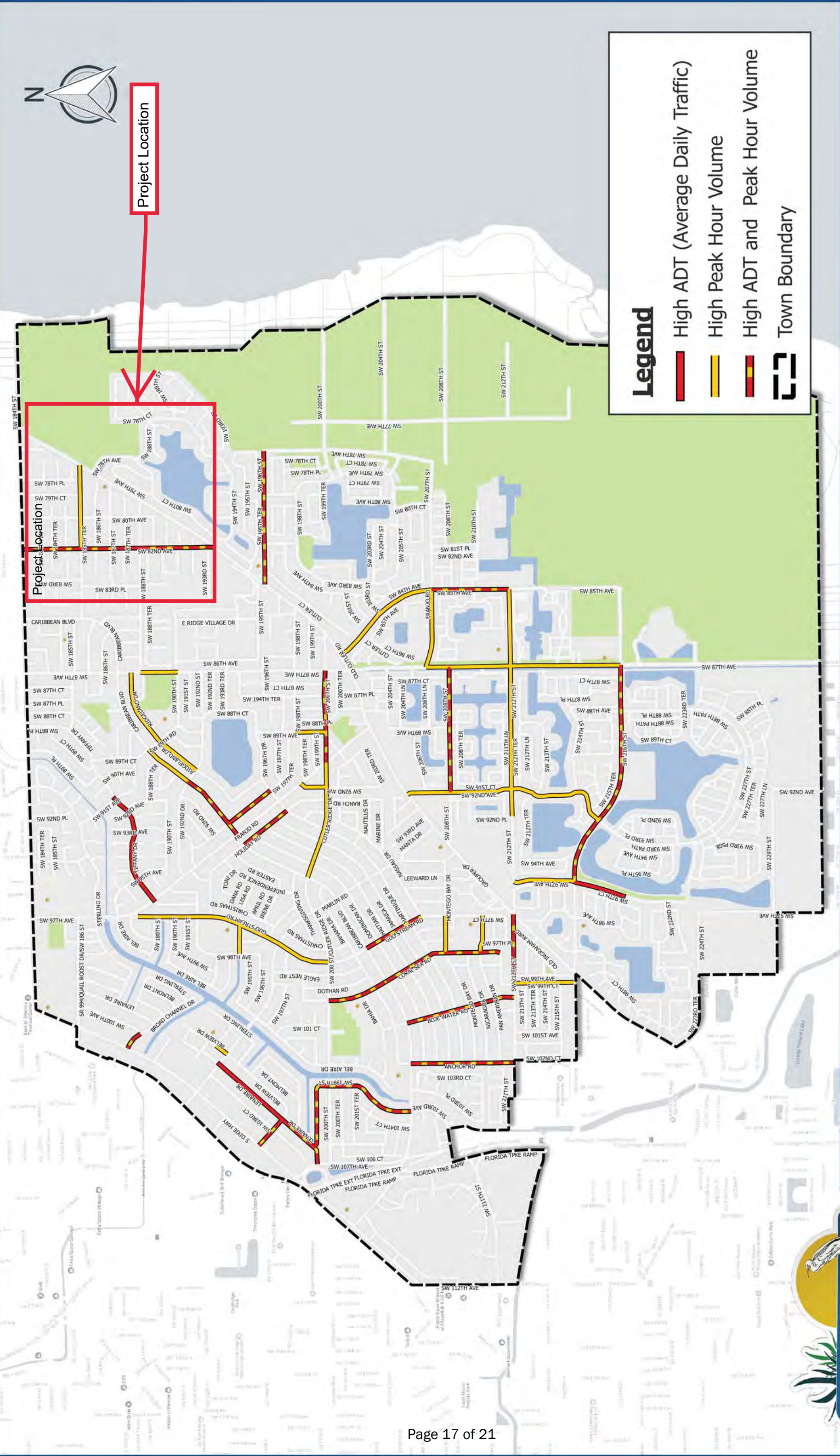




Project Location

Legend

-  High ADT (Average Daily Traffic)
-  High Peak Hour Volume
-  High ADT and Peak Hour Volume
-  Town Boundary



TOWNWIDE TRAFFIC CALMING MASTER PLAN
 FIGURE 7 : SEGMENTS WITH HIGH AVERAGE DAILY TRAFFIC OR PEAK HOUR VOLUMES



7.1 Traffic Calming Plan Development

Consistent with the traffic analysis results, a set of recommended traffic calming improvements was developed following an area-wide, systematic approach. Two combined strategies were used in this process: slow down traffic on residential streets; and improve traffic flow on collectors and arterials so drivers choose to stay on major roadways.



The Town Complete Streets Master Plan and Greens Sharrows segments were also considered as part of the Traffic Calming Plan Development. The Town has projected several roadway segments to be redesigned into this integrated solution that addresses traffic calming issues and at the same time provides safer connections for bicyclists and pedestrians within the community.

The list of recommended measures per segment is provided in **Table 2** and graphically presented in **Figure 8**. In addition, a copy of the Interlocal Agreement is provided in **Appendix F**.

Table 2. Recommended Traffic Calming Improvements

Street Name		Recommendations
SW 208 Street	Between SW 87 Avenue and SW 92 Avenue	Roundabout
SW 85 Avenue	Between SW 212 Street and SW 207 Street	Roundabout
SW 97 Avenue	Between SW 216 Street and SW 219 Street	Raised Crosswalk
SW 207 Street	Between SW 87 Avenue and SW 85 Avenue	Roundabout
Gulfstream Road	Between SW 191 Street and SW 194 Terrace	Roundabout
Lenaire Drive	Between Marlin Road and Belview Drive	Speed Tables
Anchor Road	Between Haitian Drive and Jamaica Drive	Speed Tables
Gulfstream Road	Between Caribbean Boulevard and Montego Bay	Speed Tables
SW 82 Avenue	Between SW 188 Street and SW 185 Street	Roundabout
SW 82 Avenue	Between SW 190 Street and SW 191 Street	Roundabout
SW 82 Avenue	Between SW 184 Street and SW 185 Terrace	Roundabout
SW 97 Avenue	Between SW 212 Street and SW 216 Street	Roundabout
Bluewater Road	Between Haitian Drive and Jamaica Drive	Roundabout
SW 99 court	Between SW 212 Street and SW 216 Street	Speed Tables
Coral Sea Road	Between Haitian Drive and Jamaica Drive	Speed Tables
SW 85 Avenue	Between Old Cutler Road and SW 207 Street	Roundabout
Gulfstream Road	Between Marlin Road and SW 200 Street	Roundabout
SW 92 Avenue	Between SW 208 Street and SW 212 Street	Roundabout
Gulfstream Road	Between SW 194 Terrace and Memorial Road	Roundabout
SW 199 Street	Between Lenaire Drive and SW 103 Avenue	Roundabout
Whispering Road	Between Caribbean Boulevard and SW 196 Drive	Speed Tables
SW 200 Street	Between Franjo Road and SW 87 Avenue	Roundabout
SW 212 Street	Between Old Cutler Road and SW 99 Court	Speed Tables
Lenaire Drive	Between SW 199 Street and Belview Drive	Speed Tables

Figure 8. Recommended Traffic Calming Improvements

**Town of Cutler Bay
SW 82 Avenue Roadway Improvement Project**

Preliminary Budget				
DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE	VALUE
Mobilization (5%)	1	LS	\$ 35,000.00	\$ 35,000.00
MOT & Traffic Control (2%)	1	LS	\$ 17,500.00	\$ 17,500.00
Demolition	1	LS	\$ 12,500.00	\$ 12,500.00
Permitting	1	LS	\$ 12,000.00	\$ 12,000.00
Milling, Resurfacing, Striping	1	LS	\$ 400,000.00	\$ 400,000.00
Traffic Circle	1	LS	\$ 275,000.00	\$ 275,000.00
Sidewalks	1	LS	\$ 15,900.00	\$ 15,900.00
Signage	1	LS	\$ 750.00	\$ 750.00
Bicycle Sharrow	8	Each	\$ 280.53	\$ 2,244.24
Construction Total				\$ 770,894.24
Landscape				
Quercus virginiana (Live Oak) 16' Ht. x 9' Spr., 5'-6' Ct. Florida Fancy	1	LS	\$ 1,200.00	\$ 1,200.00
Ficus Microcarpa (Green Island Ficus) 18" Ht. x 15" Spr.	1	LS	\$ 7,500.00	\$ 7,500.00
Muhlenbergia capillaris (Muhly Grass) 24" Ht. x 24" Spr.	1	LS	\$ 2,988.00	\$ 2,988.00
Tripsacum floridiana (Dwarf Faxahatchee Grass) 24" Ht. x 24" Spr.	1	LS	\$ 2,417.76	\$ 2,417.76
Paspalum notatum (Bahia Grass Sod)	1	LS	\$ 15,000.00	\$ 15,000.00
Landscape Total				\$ 29,105.76

Total Project Cost
Construction Phase: \$ 800,000.00

**Town of Cutler Bay
Cutler Bay SW 82 Avenue Roadway Improvements**

Project Timeline

Task	Start Date	End Date	Duration in Days
Pre-Construction Phase			
Procure Engineering Design Contractor	1/4/2021	3/5/2021	60
Public Outreach, Environmental Review, 30% Design	3/5/2021	7/3/2021	120
60 % Design Complete	7/3/2021	10/1/2021	90
90% Design Complete with Construction Documents and Engineer's estimate of probable cost	10/1/2021	12/30/2021	90
100% Design Complete and Prepare permit applications	12/30/2021	3/30/2022	90
Permitting	3/30/2022	7/28/2022	120
Construction Phase			
Seek FDOT Approval of Construction Plans and Procurement Documents	8/1/2021	8/31/2021	30
Procure Construction Contractor	8/1/2022	12/29/2022	150
Construction Phase	12/29/2022	12/28/2024	730
Grant Closeout	12/28/2024	3/28/2025	90



Previously Funded Projects

Project Title	Contract #	Amount of Funding	Status of Project
SW 212 St. Drainage Improvement Project	ARS95	\$400,000	Completed Recipient of 6 Industry Awards
SRTS Cutler Bay Middle	G0674 FM#436939-1	\$54,599 (Design Phase)	Completed
SRTS Cutler Bay Middle	G0674 FM#436939-1	\$352,916	Completed
Cutler Bay Bike/Ped Facilities Improvements	FM#4386691	\$360,640	In Progress
Manta Drive Roadway Improvement Project	FM#440835-1	\$344,260	Completed Recipient of 2 Industry Awards
Caribbean Blvd. Complete Streets	Pending	\$1,000,000	Awarded during 2020 Cycle