

Office of School Board Members  
Board Meeting of June 19, 2013

June 7, 2013

Ms. Perla Tabares Hantman, Chair

**SUBJECT: SCHOOL BOARD ENDORSEMENT OF ADDITIONAL  
SCHOOLS FOR SUBMITTAL UNDER THE SAFE ROUTES  
TO SCHOOL INFRASTRUCTURE GRANT PROGRAM**

**COMMITTEE: INNOVATION, EFFICIENCY AND GOVERNMENTAL  
RELATIONS**

**LINK TO STRATEGIC  
FRAMEWORK: STUDENT, PARENT, AND COMMUNITY ENGAGEMENT**

The Federal Safe Routes to School Program (SRTS) was created in 2005 to enable and encourage children, including those with disabilities, to walk and bicycle to school, by making pedestrian routes safer and more appealing. In 2012, Congress passed a new transportation bill: Moving Ahead for Progress in the 21<sup>st</sup> Century (MAP-21), which, unlike previous legislation, does not specifically earmark funding for SRTS. SRTS will now be eligible to compete for funding, under a new program called Transportation Alternatives. The Florida Department of Transportation (FDOT) is processing all SRTS grant applications at the local level.

The District's goal is to provide SRTS improvements for all public schools. Since 2007, the School Board has endorsed and submitted 75 SRTS applications. Funds totaling over \$10.6 million have been awarded for necessary infrastructure improvements.

Due to limited funding, a prioritized list of remaining schools which have not yet participated in the program was developed in 2012. The prioritization study was headed by the Miami-Dade Metropolitan Planning Organization (MPO), in partnership with the District and the Public Schools Community Traffic Safety Team (CTST). The school prioritization matrix was modeled on the "Safety-based Prioritization of Schools for SRTS Infrastructure Projects" developed by the National Center for Safe Routes to Schools, and includes pedestrian and bicyclist safety, traffic volume, number of students currently walking and bicycling to school, potential for attracting additional students to walk or bike to school, and auto ownership for families near the school. In selecting schools, other factors are also considered such as recent pedestrian related incidents/concerns, and collaboration with municipalities to leverage available funds.

The following schools were identified as priority schools under this new process. MPO general planning consultants will perform the requisite engineering studies.

**H-5**

- Silver Bluff Elementary
- Citrus Grove Elementary
- Norman S. Edelcup/Sunny Isles Beach K-8
- Morningside K-8 Academy
- James H. Bright/J.W. Johnson Elementary
- Shenandoah Elementary
- Fairlawn Elementary
- Kinloch Park Elementary and Kinloch Park Middle
- Hialeah Gardens Elementary
- Nathan B. Young Elementary

In addition, the City of Miami Beach (City) and Town of Cutler Bay (Town) have collaborated with the school district, the MPO and the CTST, to develop SRTS Infrastructure Grant applications for schools located within their respective boundaries. The City will perform the requisite engineering studies, and will be sponsoring and developing applications for the following four (4) schools.

- Fienberg/Fisher K-8 Center
- North Beach Elementary
- Nautilus Middle
- Miami Beach Senior High

The Town will perform the requisite engineering studies, and will be sponsoring and developing applications for the following school.

- Cutler Ridge Middle

All referenced applications will be submitted by the District as co-applicant for consideration by FDOT for the SRTS 2013 and 2014 application cycles.

**ACTION PROPOSED BY CHAIR  
PERLA TABARES HANTMAN:**

That The School Board of Miami-Dade County, Florida, endorse additional schools for submittal under the Safe Routes to School infrastructure grant program sponsored by the U.S. Department of Transportation, and authorize the Superintendent to formalize the grant applications accordingly.



# Florida's Safe Routes to School Infrastructure Application

2012-2013 Call for Applications

For anticipated funds through FFY 2018

Note: fields will expand as needed



[www.srtsfl.org](http://www.srtsfl.org)

FDOT FORM # 500-000-30

## Section 1 – School, Applicant & Maintaining Agency Information

**Notes:** Signatures confirm the commitment of the Applicant and Maintaining Agency to follow the Guidelines of Florida's Safe Routes to School (SRTS) Program. The Maintaining Agency is generally responsible for entering into a Local Agency Program (LAP) agreement with the Florida Department of Transportation (FDOT) to design, construct, &/or maintain the project. FDOT Districts have the option to design and/or construct it, but the Maintaining Agency is always responsible for maintaining the project. Check with your District to see how they are handling these issues.

County: **Miami-Dade** City: **Town of Cutler Bay**

School Name: **Cutler Bay Academy of Advanced Studies, Cutler Ridge Campus** Congressional District: **27**

Type: Elementary:  Middle:  High:

### Check below which of the required agencies or organizations is the Applicant:

School Board/School:  Private School:  Maintaining Agency

Name of Applicant Agency/Organization: **Town of Cutler Bay**

Contact Person: **Rafael Casals** Title: **Town Manager**

Mailing Address: **10720 Caribbean Blvd. Suite 105**

City: **Cutler Bay** State: **Florida** Zip: **33189**

Daytime Phone: **305-234-4262** E-mail: **rcasals@cutlerbay-fl.gov**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

### Signature of School Board or school representative **mandatory** when different from applicant:

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Typed name: **Jaime G. Torrens** Title: **Chief Facilities Officer**

### Check below which of the required agencies is the Maintaining Agency:

City:  County:  Florida Department of Transportation: , District:

Name of Maintaining Agency: **Town of Cutler Bay** DUNS Number: **7890192750000**

Contact Person: **Rafael Casals** Title: **Town Manager**

Mailing Address: **10720 Caribbean Blvd. Suite 105**

Daytime Phone: **305-234-4262** E-mail: **rcasals@cutlerbay-fl.gov**

City: **Cutler Bay** State: **Florida** Zip: **33189**

**Note: your signature below indicates your agency's willingness to enter into a LAP or other formal agreement with FDOT to complete the project if selected for funding.**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**Metropolitan Planning Organization (MPO) Support: If the city or county is located within an MPO urban area boundary, the MPO representative must fill in the required information below, to indicate support for the proposed project:**

Name of MPO: **MPO for the Miami Urbanized Area**

Contact Person: **David Henderson** Title: **Bicycle/Pedestrian Coordinator**

Mailing Address: **111 NW 1 Street #920**

City: **Miami** State: **Florida** Zip: **33128**

Daytime Phone: **305-375-1647** E-mail: **davidh@miamidade.gov**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

### Designated Contact: Check below the primary contact (the one the District should coordinate with):

Applicant:  Maintaining Agency:  MPO:

**Section 2 – Eligibility and Feasibility Criteria**

**Notes:** This section will help FDOT determine the eligibility and feasibility of the proposed project. Except for the questions in 2A-2C below answering "No" does not constitute elimination from project consideration. **You must fulfill requirements in 2A-2C below before applying!**

- A1.** Has a school-based SRTS Committee (including school representation) been formed?  Yes  No  
**A2.** Has at least one meeting of this committee been held? Attach sign in sheet & minutes  Yes  No  
**A3.** Public notification of SRTS meeting?  Yes  No

- B1.** Does the school agree to provide required data before and after the project is built, using the NCSRTS [Student In-Class Travel Tally](#) form at <http://www.saferoutesinfo.org/resources/index.cfm> following the schedule provided by the District?  Yes  No  
**B2.** Have you attached the National Center's data summary for the Travel Tally to this application?  Yes  No

**Note:** Project planning cannot go forward until public right of way or permanent public access to the land for the proposed project is documented to the District.

- C.** Have you provided either survey/as-builts or right of way documentation that provides detail to show that adequate right of way exists for proposed improvement?  Yes  No

- D.** Is the Maintaining Agency Local Agency Program (LAP) Certified? (currently qualified & willing to enter into a State agreement requiring the agency to design, construct, and/or maintain the project, abiding by Federal, State, & local requirements?)  Yes  No

- **If No:**
  - Are they willing to become LAP Certified?  Yes  No
  - If the agency is not willing to become LAP Certified, explain how this project could be built without this certification:

- E.** Who do you propose to be responsible for each phase of the project?

- Design:  City  County  Other, Including FDOT (Explain below)  
 Construction:  City  County  Other, Including FDOT (Explain below)  
 Maintenance:  City  County  Other, Including FDOT (Explain below)

If you checked **Other, including FDOT** for any of the above, please explain the responsible party for each phase, including who you have been talking to about this:

- F.** Is the County/City willing to enter into an agreement with FDOT to do the following, if the District decides this is the best way to get the project completed:

- Install and/or maintain any traffic engineering equipment included in this project?  Yes  No
- Construct and maintain the project on a state road?  Yes  No  N/A

**G.** Public Support - Explain your public information or public involvement process below. You may attach up to six unique letters, on official letterhead, from groups indicated below. The letters should indicate why and how the authors can support the proposed project at the affected school.

- What neighborhood association or other neighborhood meetings have been held to inform neighbors directly affected by this proposed project and the reaction?
- What PTA/PTO/school meetings have been held to inform parents and school staff about this project and the reaction?
- Explain what other public meetings have been held, such as Metropolitan Planning Organizations, Regional Planning Councils, Citizens' Advisory Committees, Bicycle/Pedestrian Advisory Councils and Community Traffic Safety Teams and the reaction? [During the development of the Town's Bicycle Master Plan, the Town held several public input meetings prior to finalizing the Master Plan.](#)
- Explain what articles or letters to the editor have been written for newspapers, etc. and the reaction.

Please indicate whether you have attached letters of support from Law Enforcement or other individuals or groups not previously mentioned:  Yes  No ([Miami Dade Police Department/Cutler Bay Policing Unit and Cutler Bay Academy of Advanced Studies, Cutler Ridge Campus](#))

- H.** If the proposed project has been identified as a priority in a Bicycle/Pedestrian or other Plan, or is a missing link in a pedestrian or bicycle system, please explain: [This project has been identified in the Town's Bicycle Master Plan. As a result a "Safe Routes to School Safety Audit" was conducted for the Cutler Bay Academy of Advanced Studies, Cutler Ridge Campus. \(See Attached Safe Routes Audit\)](#)

**I. OTHER INFORMATION:** Describe below other relevant information that you believe further supports funding

1. Opportunity to resolve a documented hazardous walking condition and eliminate the resultant school busing. Include a discussion of public support for the project if busing were eliminated: **Busing will not be eliminated by this project.**
2. Opportunity to eliminate current courtesy busing being done for a perceived hazardous condition. Include a discussion of public support for the project if busing were eliminated:

**Section 3 – Background Information: Five E’s**

**Notes:** SRTS is designed to be a comprehensive program. Describe the efforts your school and community have made to address the identified problem through each E so far, and what is planned in the future for each. Each box must be filled in. For more information on the E’s, see Florida’s SRTS Guidelines and the SRTS Guide: <http://www.saferoutesinfo.org/guide/>

**A1. Engineering Past:** The Town’s current infrastructure includes lack of crosswalk stripping, no sidewalk on the North side of the middle school, lack of ADA detectible warnings, lack of crosswalks at school bus loop entrance/exit, obstructed view of signage (school cross sign), and evidenced of “goat track”.

**A2. Engineering Future:** The Town has identified 21 operational and physical improvements that will establish safer and fully accessible crossing and walkways for students that attend the Cutler Ridge Campus.

**B. Education:** If your school has taught or plans to teach the Florida Traffic and Bicycle Safety Education Program (FTBSEP; see: <http://www.dcp.ufl.edu/centers/trafficSafetyEd/>) or other education program, please provide details below.

**B1. Past:** The Town of Cutler Bay has an ongoing Bicycle Safety Program operated through the Police Department’s Neighborhood Resource Unit (NRU). This includes providing youth that bike to school with helmets fitted by trained helmet fitters. The NRU also conducts presentations at local schools and distribute safety literature. This project is supported through a grant from the University of Florida’s Pedestrian Bicycling Safety Resource Center.

**B2. Future:** The Town will continue the current bicycle safety program.

**C1. Encouragement Past:** The Town hosts two annual Bike Events to promote walking and bicycling. Both events include a bike festival in which participants follow a route from one park or community to another demonstrating the connectivity of bike paths in South Dade.

**C2. Encouragement Future:** The Town will raise awareness throughout the community regarding the new improvements and encourage youth to walk or bike to school. Additionally, the Town has joined the County’s initiative to promote Bike Paths by naming the month of March as Bike305 Month (Resolution 13-20).

**D1. Enforcement Past:** The Town’s Neighborhood Resource Unit makes presentations at schools and community meetings to alert Town residents of bike safety rules and incremental consequences for failure to follow the Town’s laws for bicyclists.

**D2. Enforcement Future:** The Town will continue with current level of enforcement in this area.

**E1. Evaluation Past:** The Town currently collects data from the schools based on visual observation surveys and estimates. This data provides insight into the number of youth that are currently walking or biking to school.

**E2. Evaluation Future:** The Town will continue to collaborate with the affected schools to survey participant satisfaction with improvements as well as assess an increase in the number of students that walk or bike to school after the improvements are completed.

**Section 4 – Problem Identification**

This section will help us understand your school’s situation. If the proposed project includes more than one school, please give the requested information for each school. For a successful SRTS project, we would expect applicants to answer Yes to A, B or both.

**A.** Are many children already walking or bicycling to this school in less than ideal conditions?  Yes  No  
 If Yes:

- Explain more about the number of children affected: **There are currently 190 youth walking or biking to school daily.**
- Explain more about the conditions/obstacles which prevent walking or bicycling to your school: **Youth face less than ideal conditions such as lack of crosswalk markings, lack of pedestrian warning signs, discontinued sidewalks, minor ponding, cracks and damage to existing sidewalks, and lack of safety beacons. These conditions force youth to make paths “goat track” through grassy areas or use the streets where sidewalks are**

missing in order to arrive to school.

**B.** Are enough students living near the school to allow many children to walk or bike to school if conditions were improved?  Yes  No

If Yes:

- Explain more about the number of children living near the school and how this relates to the anticipated success of the proposed SRTS project: Approximately 350 youth that attend Cutler Ridge live along the proposed route for improvements with 160 that walk along the affected route. This is based on Surveys received from the Mr. Eduardo Alonso, Principal of the school.

**C.** Write a brief history of the neighborhood traffic issues as background for the proposed project: During the safety audit the Town's consultants reviewed crash data from 2005 through 2011. The data indicate that one pedestrian crash occurred along the Gulfstream Road corridor during the study period. The crash was a non-fatal collision between a motor vehicle and a 13-year old juvenile pedestrian at the intersection of Gulfstream Road and Memorial Drive on May 20, 2008. The crash occurred at 3:57 PM during cloudy conditions with dry pavement. Crash data collected over the past twelve months indicated a total of five (5) accidents surrounding the schools affected by this project. None of these accidents involved a pedestrian or bicyclist. Careless driving, violation of right of way and violation of traffic signal was listed as the reason for the majority of the reported accidents.

**D.** How do the demographics of the school population relate to the anticipated success of the proposed SRTS project? For instance, is there a population of students near the school from a culture which traditionally walks a lot?

**E.** Provide the percent of free or reduced lunch program at the affected school: 92%

**F.** Have you included 5 years of crash data for the project location?  Yes  No

If no, then why? Please see "Pedestrian Crash Data 2005-2011 in Safety Audit (pg. 5) and email from Cutler Bay Police Department for the past twelve months.

**G. STUDENT TRAVEL DATA: (Cutler Ridge Middle Only)**

**1.** School data: based on the Student In-Class Travel Tally:

- a. Number of students currently walking to school: 155
- b. Number of students currently biking to school: 35
- c. Total currently walking or biking to school (add a & b) 190
- d. Number of students in this school: 1041
- e. Percent of children in school currently walking or biking to school: (c divided by d): 5.5%

**2.** Route Data:

- a. Number of students from the affected schools living along the proposed route: 350
- b. Based on (mark all that apply): \*Existing School Data:  \*Visual Observation Survey:  \*Estimates:
- c. Number of children currently walking or biking along this route: 160
- d. Number of children who could walk or bike along the proposed route after improvements: 350

**SECTION 5: Current Conditions**

**A. LOCATION** *Notes: the entire proposed project must be within 2 miles of the school and in the attendance area for the affected schools. You must attach maps illustrating the area.*

Request #1 St. Name: Town of Cutler Bay Maintaining Agency:  City  County  State

From: Along Gulfstream Road from SW 201 Street To: Franjo Road

Project's closest point to school:  0 to 1/2 mile;  1/2 to 1 mile;  1 to 1 1/2 miles;  1 1/2 miles+

Request #2 St. Name: Maintaining Agency:  City  County  State

From: To:

Project's closest point to school:  0 to 1/2 mile;  1/2 to 1 mile;  1 to 1 1/2 miles;  1 1/2 miles+

See Attachment for additional project sites:

Discuss the projects' proximity (within 2 miles) to other facilities which might also benefit from the project, such as other schools or colleges, parks, playgrounds, libraries, or other pedestrian destinations:

**B. ROADWAY CHARACTERISTICS**

Roadway Type:  Urban (curb & gutter)  Rural

Shoulder Type:  Grass  Paved  Curb

Shoulder Grade:  Flat  Steep-Up  Steep-Down

Drainage:  Swale  Concrete Ditch  Curb/Gutter

Status of walking surface:  No walking surface, paved or unpaved  Unpaved surface  
 Paved surface with gaps  Continuous paved sidewalks

Describe the status of the current walking surface, or other existing facilities or signs and markings which affect this project (bike lanes, multi-use paths, school zone signs & markings, marked crosswalks, bike parking, etc.): The current walking surface exists mostly of sidewalks, there are marked crosswalks, but many intersections lack markings and/or crossing signs. See complete list of existing facilities in the Safety Audit.

**Section 6 – Specific Infrastructure Improvements Requested**

**A. LOCATION** *Notes: the entire proposed project must be within 2 miles of the school and in the attendance area for the affected schools.*

Request #1 St. Name: Maintaining Agency:  City  County  State

From: To:

Project's closest point to school:  0 to 1/2 mile;  1/2 to 1 mile;  1 to 1 1/2 miles;  1 1/2 miles+

Request #2 St. Name: Maintaining Agency:  City  County  State

From: To:

Project's closest point to school:  0 to 1/2 mile;  1/2 to 1 mile;  1 to 1 1/2 miles;  1 1/2 miles+

See Attachment for additional project sites:

Discuss the projects' proximity (within 2 miles) to other facilities which might also benefit from the project, such as other schools or colleges, parks, playgrounds, libraries, or other pedestrian destinations: Gulfstream Road currently has two schools on it (Gulfstream Elementary and Cutler Ridge). In addition to this Cutler Ridge Park is within a two mile radius of the school this is one of the Town's largest parks with an active after-school program for youth from the schools.

**B. SIDEWALK, BIKE LANE, PAVED SHOULDER, OR SHARED USE PATH REQUESTED**

<input checked="" type="checkbox"/> Continuation of Existing Sidewalk	<input type="checkbox"/> New Sidewalk
<input type="checkbox"/> Continuation of Existing Bike Lane	<input type="checkbox"/> New Bike Lane (includes re-striping or reconstruction)
<input type="checkbox"/> Continuation of Paved Shoulder	<input type="checkbox"/> New Paved Shoulder
<input type="checkbox"/> Continuation of Shared Use Path	<input type="checkbox"/> New Shared Use Path

Describe below your requests in detail, including location, length, side of road, etc.

Request #1:  
 Request #2:  
 See Attachment for additional project sites:  [Safe Routes to School Safety Audit \(Page 5, Table 2\)](#)

**C. OTHER REQUESTS (describe the location & project characteristics of other requests such as bike parking, traffic calming, or other improvements not listed above)**

- Bike parking: include the current and potential numbers of K-8 students who could use the facilities: *n/a*
- Traffic calming: describe the relevance of the request to school safety, traffic speed, whether a speed study has been done and your efforts to work with law enforcement and the community to solve the speeding problems: *n/a*

Describe any other requests:

**D. TRAFFIC CONTROLS** Mark all that apply in regard to traffic control devices:  
 We have all necessary traffic control devices (**Stop here**)

<input checked="" type="checkbox"/> We need pedestrian signals (features)	<input type="checkbox"/> We need other school-related signals
<input type="checkbox"/> We need traffic signs	<input type="checkbox"/> We need other school-related signs
<input checked="" type="checkbox"/> We need marked crosswalks	<input checked="" type="checkbox"/> We need other roadway markings

Describe the existing and needed traffic controls:

**E. TRAFFIC DATA** *Notes: Posted Speed Limit is required. AADT stands for Average Annual Daily Traffic*

St 1: Posted Speed Limit: <b>30</b>	Operating Speed: <b>30</b>	AADT: <span style="background-color: yellow;"> </span>
St 2: Posted Speed Limit:	Operating Speed:	AADT:

**Section 7 - Cost Estimate**

**Notes:** This is designed to give FDOT a reasonable estimate of the cost of project. Make this cost estimate as accurate as possible.

- This FDOT Transportation Costs website gives various resources, including FDOT District contacts in the Estimates Offices, who can help you with your cost estimate: <http://www.dot.state.fl.us/planning/policy/costs/default.shtm>.
- If your project is seriously considered for funding, a detailed cost estimate, which may be different from the one you submit. However, some Districts fund projects according to the Cost Estimate listed here, and the Applicant and/or Maintaining Agency are responsible for any difference in cost. Contact your District Safety Engineer if you have any questions.
- Infrastructure projects must follow appropriate design criteria. Projects on the State Highway System must follow the criteria in the Plans Preparation Manual (PPM) and FDOT design standards. Projects on local systems must meet the minimum standards and criteria in the Manual of Uniform Minimum Standards for Design, Construction and Maintenance for Streets and Highways (Florida Greenbook). These documents can be found on FDOT's web site at: <http://www.dot.state.fl.us/rddesign/CS/CS.shtm>

Construction Cost	\$263,763.05
Maintenance of Traffic (MOT)	\$26,376.31
Mobilization	\$26,376.31
Subtotal	<b>\$316,515.67</b>
Contingency (15% of Subtotal)	\$47,477.35
Total Construction Cost	\$363,993.02
Professional Engineering Design (15% of Total)	\$54,598.94
Construction Engineering and Inspection (CEI) (15% of Total)	\$36,399.30
<b>Grand Total</b>	<b>\$454,991.26</b>

**Section 7 B– Cost Estimate Narrative**

1. Attach a **MANDATORY** breakdown of the construction costs & quantities by pay item.

**Section 8 - Submission Checklist**

**Notes:** This checklist includes required attachments. These will be counted toward total application score.

**Color project maps and/or aerial photos clearly identifying:**

- A.  School location
- B.  2 mile radius around school
- C.  School's attendance area
- D.  Existing conditions ( Audit, Figure 1)
- E.  Proposed improvements (Audit, Figure 6)
- F.  Adopted School Walking Map

- G.  Travel Survey Tally
- H.  Sign in sheets and minutes from all meetings
- I.  Letters of support
- J.  Map showing where students live
- K.  Color digital photos of existing conditions (pg. 18.B)
- L.  Detailed Crash Data (Audit pg. 5)
- M.  Traffic/Engineering report evaluating the problem
- N.  Detailed Cost Estimate

**For FDOT District Use Only**

**Notes:** Please complete this information before sending to Central Office.

Funding type used: \_\_\_\_\_

FPID: \_\_\_\_\_

Does this project fill in a gap or provide a continuous route/path to school?  Yes  No

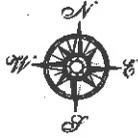
Once application is reviewed, please check the appropriate box. Both SRTS Coordinator and Liaison should review.

Reviewed by: Liaison  SRTS Coordinator  Other  \_\_\_\_\_



# A. School Location

**Town of Cutler Bay**  
**Cutler Ridge Middle School**  
19400 Gulfstream Road, Cutler Bay, FL 33157

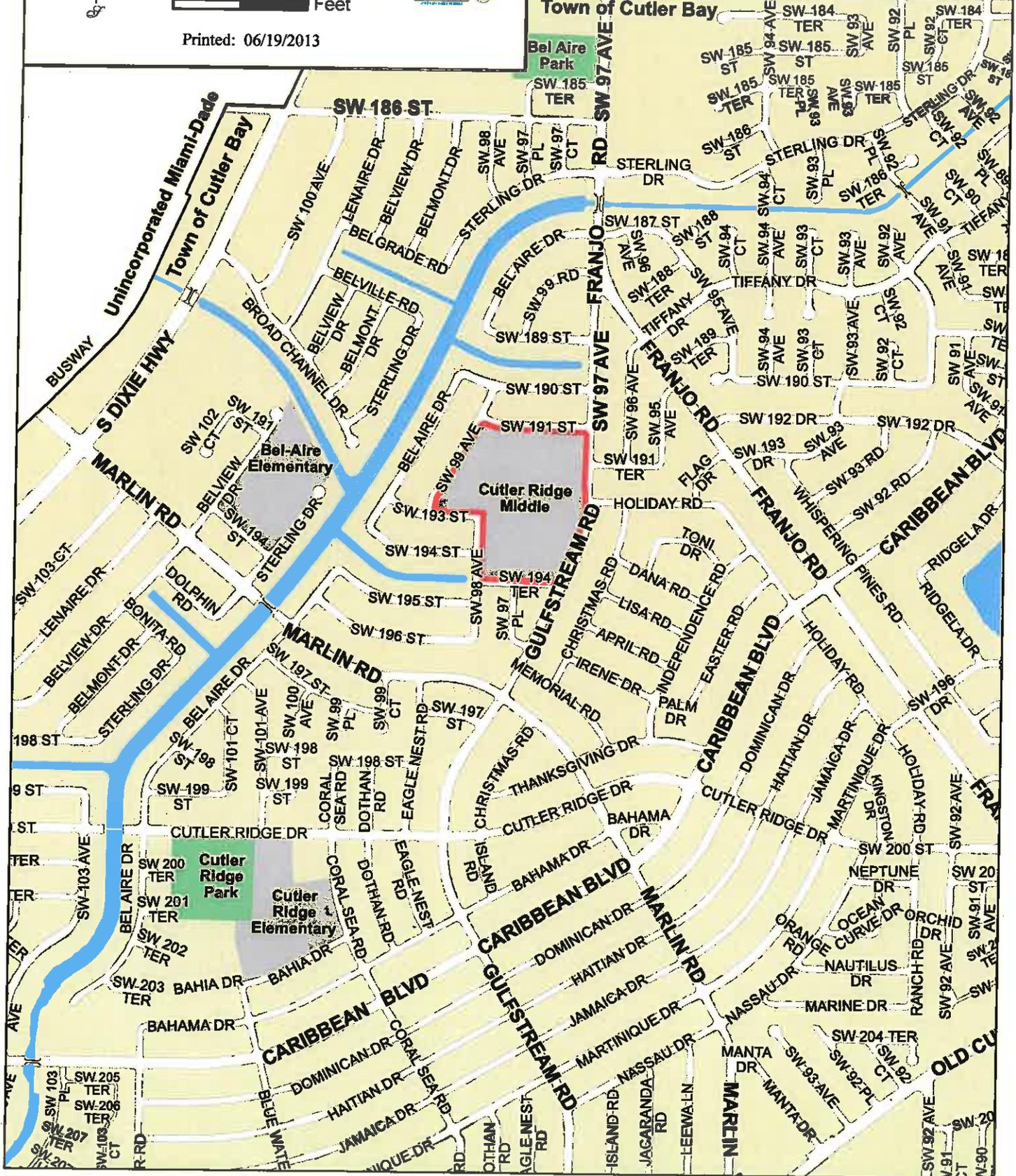


Printed: 06/19/2013

Village of Palmetto Bay

Town of Cutler Bay

EUREKA DR





## Safe Routes to School Survey

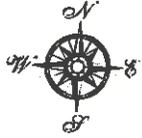
### Cutler Bay Academy of Advanced Studies Cutler Ridge Campus

The following is a brief survey related to school demographics and "route to school" information for your students. This will assist the Town in completing the "Safe Routes to School" grant proposal to improve sidewalks and pedestrian facilities making it safer for youth to walk or bike to school. **Please complete this survey to the best of your ability and return to LaKeesha Morris, Grants Coordinator for the Town of Cutler Bay at [lmorris@cutlerbay-fl.gov](mailto:lmorris@cutlerbay-fl.gov). Feel free to contact LaKeesha Directly at 786-573-5563 with any questions.- Thank you**

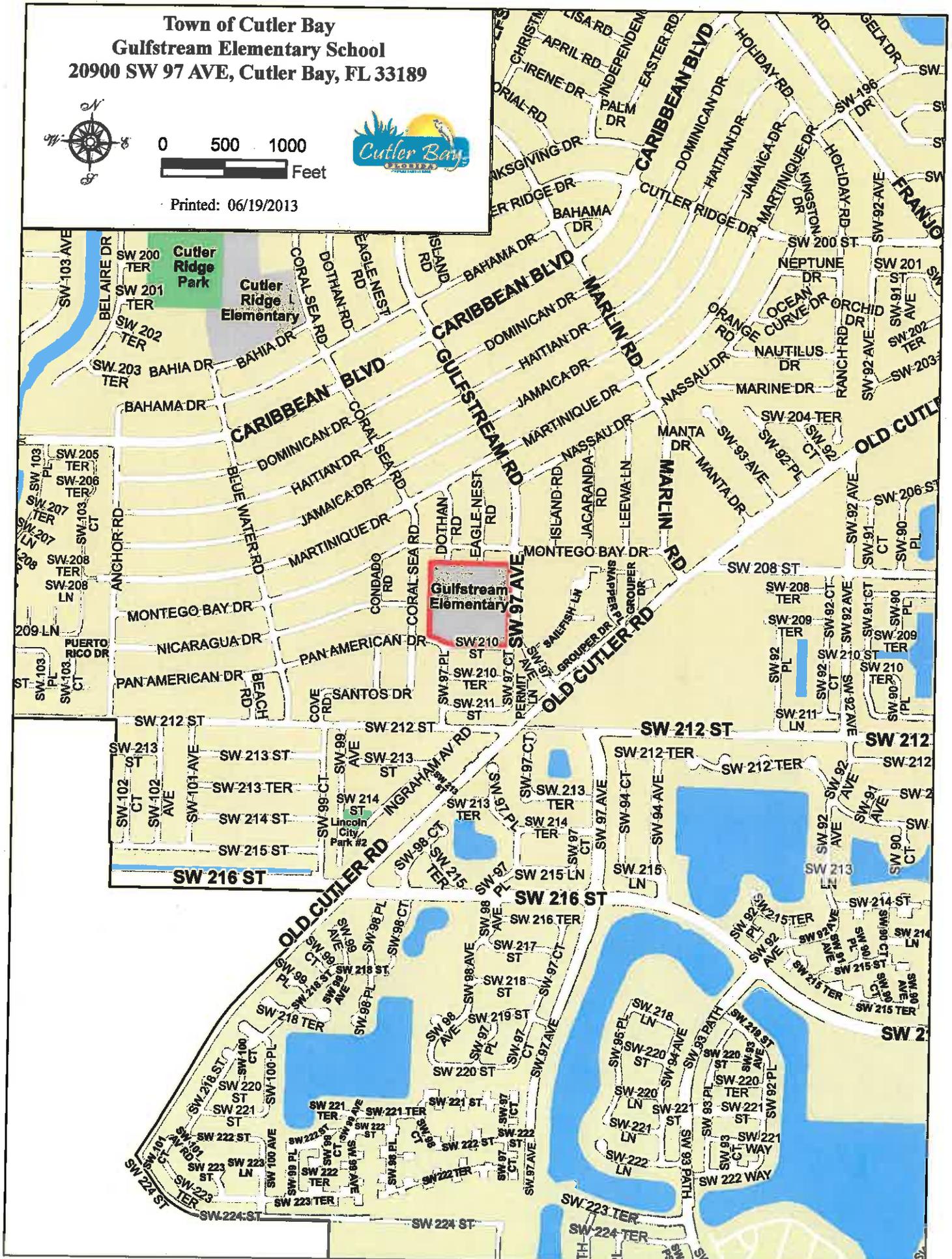
Contact Person:     Eduardo L. Alonso      
 Contact's Phone:     (305)235-4767      
 Email:     ealonso@dadeschools.net    

1. Percent of youth that receive free/reduced lunch:     92%
  
2. Do you have any crash data from the past 5 years related to pedestrians and/or bicyclists?  
 YES      NO     *If yes, please attach*
  
3. Based on Student In-Class Travel Tally, please provide:
  - a. Number of students currently walking to school:     155
  - b. Number of students currently biking to school:     35
  - c. Number of students total in the school:     1041
  
4. Please provide the following Route Data:
  - a. Number of students from the affected schools living along the proposed route:     350
  - b. What is this number (from a) based on?     Existing Data, X Visual Observation, X Estimates
  - c. Number of children currently walking or biking along this route:     160
  - d. Number of children who could walk or bike along the propped route after improvements:     160
  
5. Do you have a school boundary map? *If yes, please attach*  YES      No

Town of Cutler Bay  
Gulfstream Elementary School  
20900 SW 97 AVE, Cutler Bay, FL 33189



Printed: 06/19/2013





# Safe Routes to School Survey Gulfstream Elementary School



The following is a brief survey related to school demographics and "route to school" information for your students. This will assist the Town in completing the "Safe Routes to School" grant proposal to improve sidewalks and pedestrian facilities making it safer for youth to walk or bike to school. **Please complete this survey to the best of your ability and return to LaKeesha Morris, Grants Coordinator for the Town of Cutler Bay at [lmorris@cutlerbay-fl.gov](mailto:lmorris@cutlerbay-fl.gov). Feel free to contact LaKeesha Directly at 786-573-5563 with any questions.- Thank you**

Contact Person: Concepcion C. Santana

Contact's Phone: (305) 235-6811

Email: pr2321@dadeschools.net

1. Percent of youth that receive free/reduced lunch: 86%

2. Do you have any crash data from the past 5 years related to pedestrians and/or bicyclists?

YES  NO *If yes, please attach*

3. Based on Student In-Class Travel Tally, please provide:

a. Number of students currently walking to school: 200

b. Number of students currently biking to school: 50

c. Number of students total in the school: 615

4. Please provide the following Route Data:

a. Number of students from the affected schools living along the proposed route: 100

b. What is this number (from a) based on? Existing Data, Visual Observation,  Estimates

c. Number of children currently walking or biking along this route: 25

d. Number of children who could walk or bike along the propped route after improvements: 100

5. Do you have a school boundary map? *If yes, please attach*  YES  No



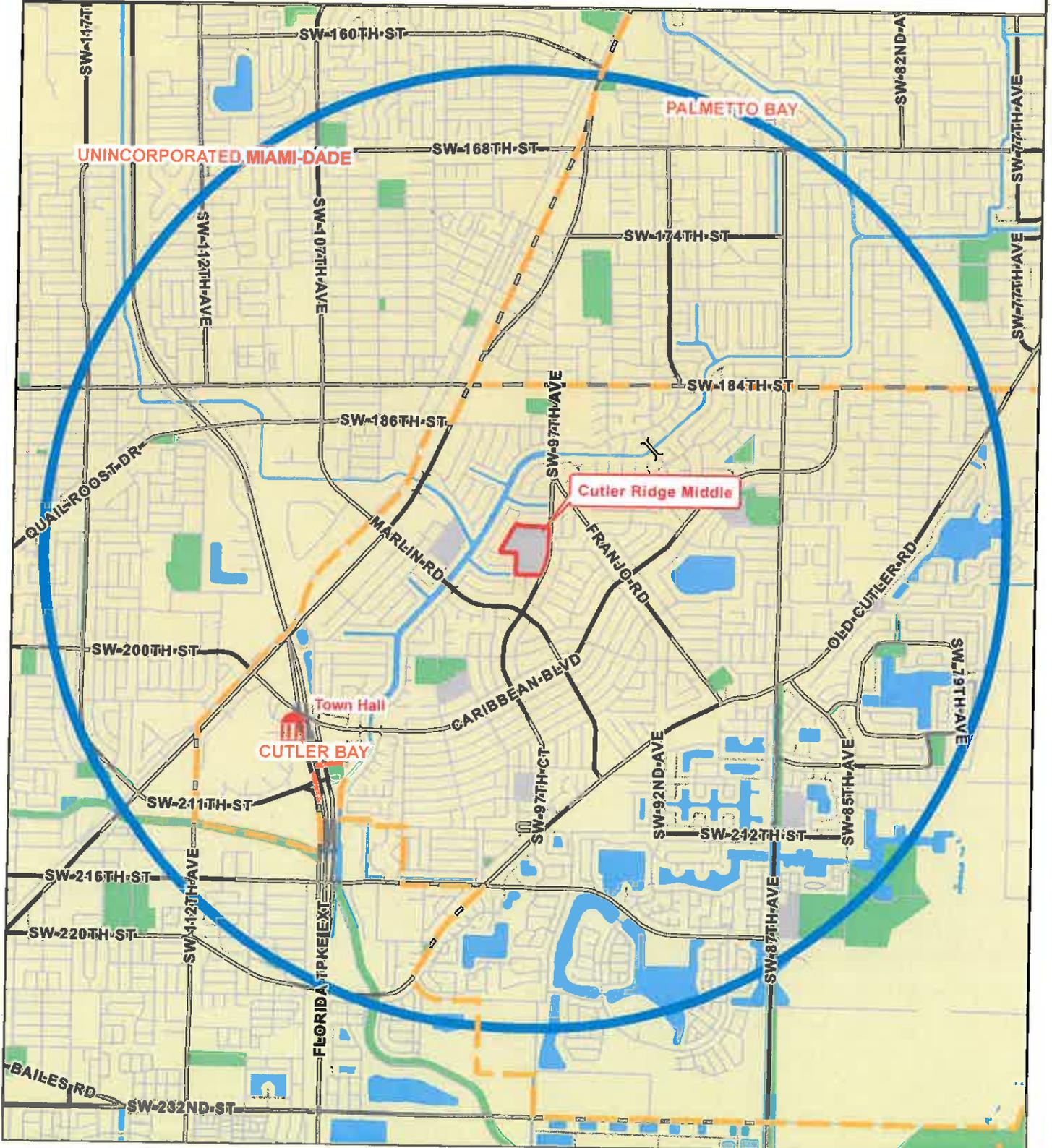
## **B. 2 mile radius around school**

**Town of Cutler Bay**  
**Cutler Ridge Middle School - 2 Mile Radius**  
 19400 Gulfstream Road, Cutler Bay, FL 33157



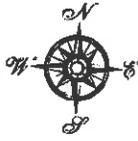
Printed: 06/19/2013

-  Cutler Ridge Middle School
-  Cutler Ridge Middle 2 Mile Radius
-  Municipal Borders
-  Park
-  Public Schools
-  Water

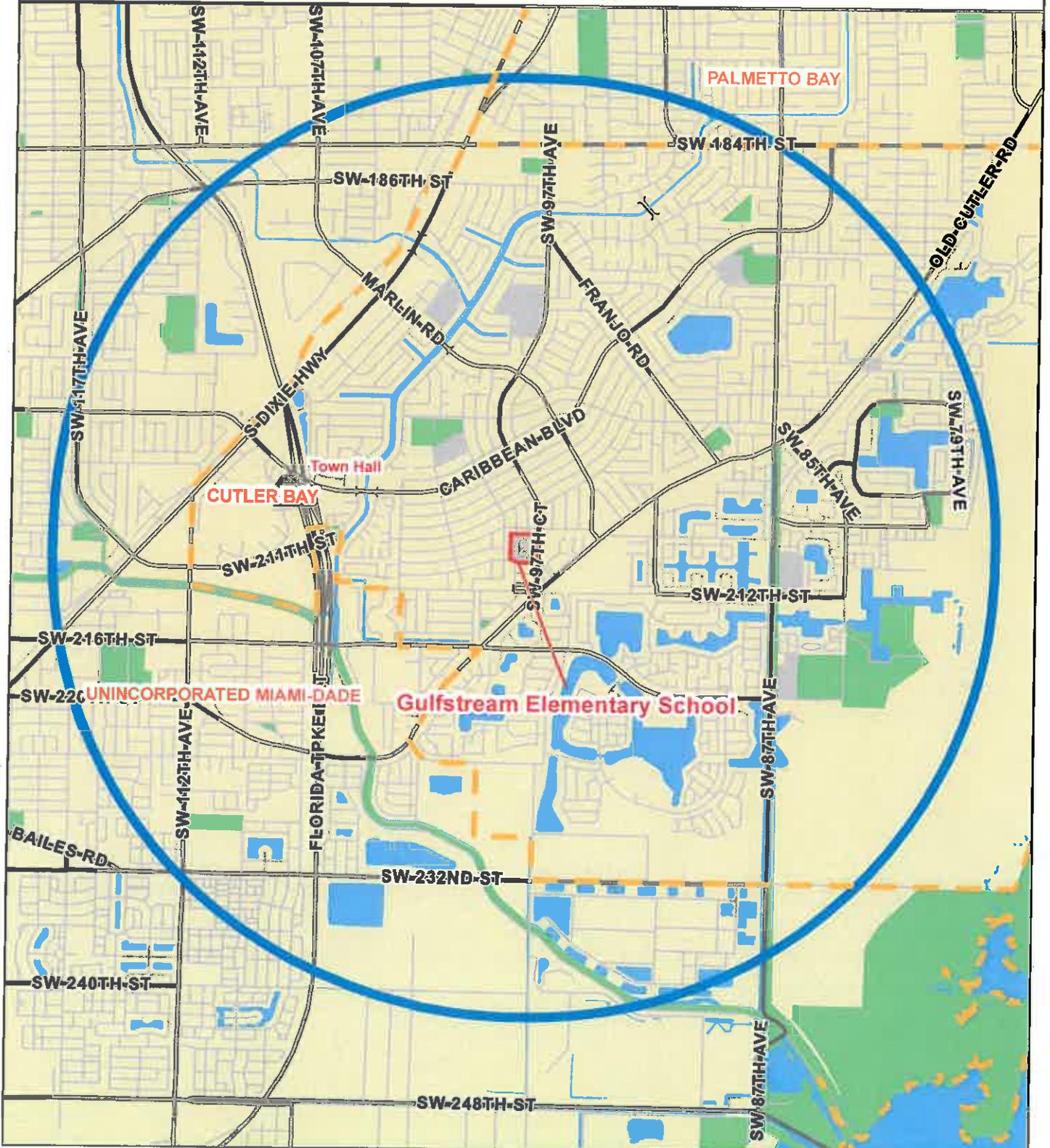


**Town of Cutler Bay**  
**Gulfstream Elementary School - 2 Mile Radius**  
 20900 SW 97 AVE, Cutler Bay, FL 33189

-  Gulfstream Elementary School
-  Gulfstream Elementary 2 Mile Radius
-  Municipal Borders
-  Park
-  Public Schools
-  Water



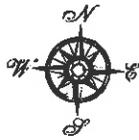
Printed: 06/19/2013





## **C. School's attendance area**

**Town of Cutler Bay**  
**Cutler Ridge Middle School Attendance Boundary**  
 19400 Gulfstream Road, Cutler Bay, FL 33157

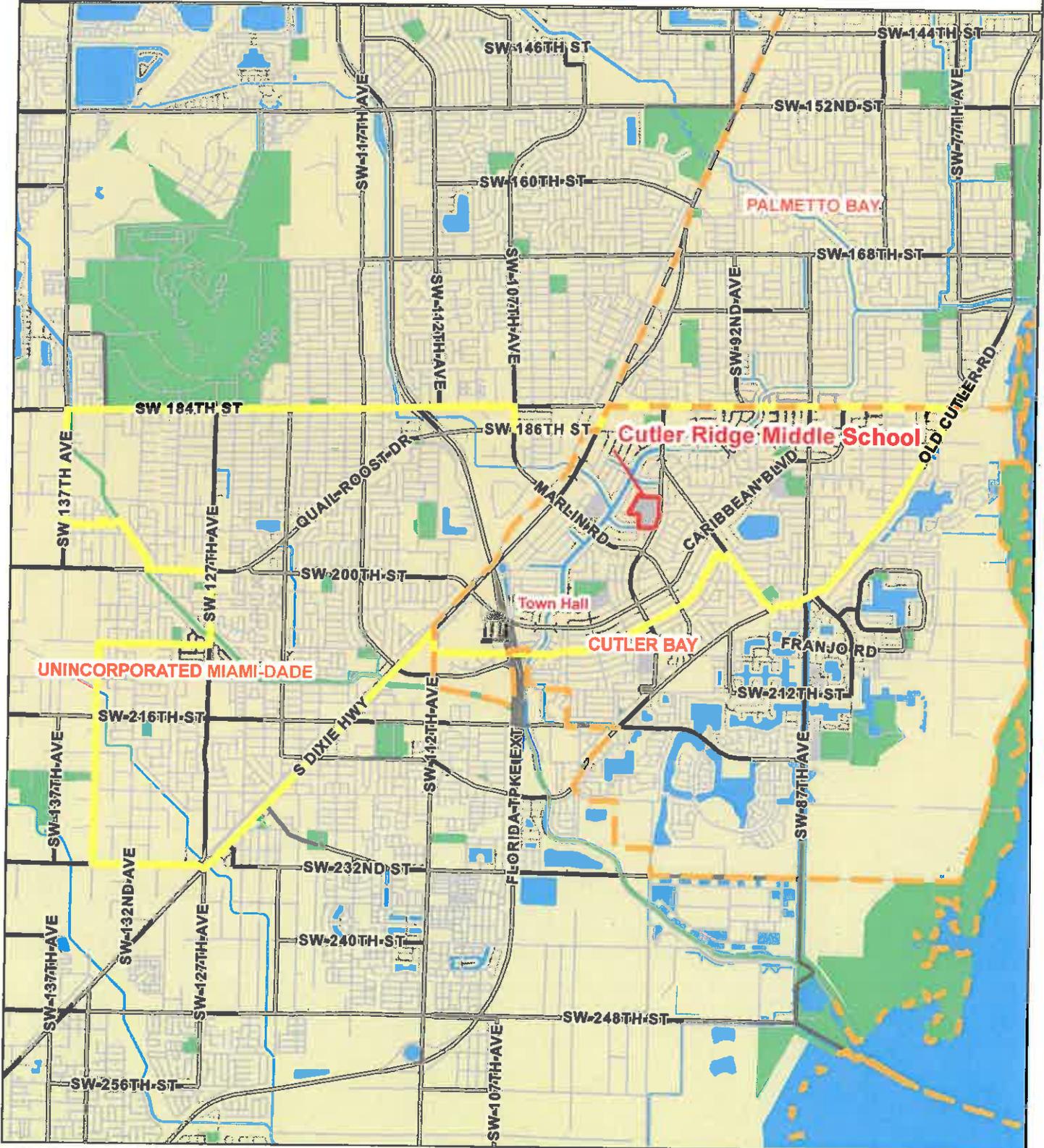


0 2500 5000  
 Feet



Printed: 06/19/2013

-  Municipal Borders
-  Cutler Ridge Middle Attendance Boundary
-  Cutler Ridge Middle School
-  Park
-  Public Schools
-  Water







# I. Letters of Support



Integrity • Respect  
Service • Fairness

**Miami-Dade Police Department**  
Town of Cutler Bay  
10720 Caribbean Boulevard • Suite 125  
Cutler Bay, Florida 33189  
T 305-234-4237 F 305-234-5887

miamidade.gov

June 21, 2013

Mr. Rafael Casals, Town Manager  
Town of Cutler Bay  
10720 Caribbean Blvd., Suite 105  
Cutler Bay, Florida 33189

**RE: Support for Safe Routes to Cutler Bay Academy of  
Advanced Studies, Cutler Ridge Campus**

Dear Mr. Casals:

The Town of Cutler Bay Policing Unit is in support of the Safe Routes to Cutler Bay Academy of Advanced Studies, Cutler Ridge Campus Project. As you are aware, the Town of Cutler Bay Policing Unit maintains an active Bike Safety Program to educate students that walk or bike to school. The Town of Cutler Bay Policing Unit has also been active in assisting the Town with Bike Festivals throughout the year.

Our patrol officers are on the streets of Cutler Bay daily and have firsthand knowledge of the potential hazards that bicyclists and pedestrians face. This funding will not only benefit the youth that attend schools along Gulfstream Road, but the community as a whole. The Town of Cutler Bay Policing Unit is pleased to join the Town in its endeavors to make the streets safer for this community. We hope that this proposal receives a favorable response.

If I may be of further assistance, please do not hesitate to contact me at (305) 234-4237.

Sincerely,

Julie A. Miller, Major  
Town of Cutler Bay Commander



**Superintendent of Schools**  
Alberto M. Carvalho

**Miami-Dade County School Board**  
Perla Tabares Hantman, Chair  
Dr. Martin Karp, Vice Chair  
Dr. Dorothy Bendross-Mindingall  
Susie V. Castillo  
Carlos L. Curbelo  
Dr. Lawrence S. Feldman  
Dr. Wilbert "Tee" Holloway  
Dr. Marta Pérez  
Raquel A. Regalado

June 17, 2013  
Rafael Casals  
Town Manager  
Town of Cutler Bay  
10720 Caribbean Blvd., Suite 105  
Cutler Bay, FL 33189

**SUBJECT: SUPPORT FOR SAFE ROUTES TO CUTLER BAY ACADEMY  
OF ADVANCED STUDIES, CUTLER RIDGE CAMPUS**

Dear Mr. Casals,

The faculty and staff of Cutler Bay Academy of the Advanced Studies, Cutler Ridge Campus are pleased to support the Town of Cutler Bay's endeavor to secure funding to be used for bicycle and pedestrian facility improvements along Gulfstream Road. 190 of our students walk or bike to school daily. This funding will not only improve walking conditions for these students, but it will encourage other parents to allow their youth to walk/bike to school as well.

The mission of Cutler Bay Academy of Advanced Studies Cutler Ridge Campus (CBAAS – Cutler Ridge) is to prepare our students for successful careers in the 21st century through interdisciplinary instructions that promote high academic achievement and a tone of decency. CBAAS – Cutler Ridge is a magnet and neighborhood school with four academies; Cambridge, Career & Professional Education (CAPE), Cutler Ocean Academy of Science and Technology (COAST), and Criminal Justice. The Safe Routes to School grant program will assist the Town of Cutler Bay in working with the Schools that fall within the Town's limits to ensure a safe environment that will foster education and community engagement.

The school wholeheartedly supports the "Safe Routes to Cutler Bay Academy of Advanced Studies, Cutler Ridge Campus" project which will impact our campus and that of our neighboring school, Gulfstream Elementary. Please do not hesitate to contact me at (305) 235-4761 with any questions or concerns.

Very Truly Yours,

Eduardo L. Alonso  
Principal



# **L. Detailed Crash Data**

**(See Audit pg. 5 for additional information)**

## Lakeesha Morris

---

**From:** Miller, Julie A. <jamiller@mdpd.com>  
**Sent:** Friday, June 07, 2013 7:41 AM  
**To:** Lakeesha Morris  
**Subject:** RE: Crash Data Request

Good morning Lakeesha,  
These are the stats for crashes at the listed schools. Hope it helps.

Major,

For the past 12 months, 6/1/12 – 5/31/13, there were no accidents involving pedestrians/bicyclists in the areas surrounding these schools. Below you will find information on the accidents that occurred surrounding these schools:

Cutler Ridge Middle

1 accident – 1 vehicle vs garbage can, careless driving

Gulfstream Elementary

4 accidents: 2 vehicle, rear end  
2 vehicle & fence, careless driving  
2 vehicle, violation of right of way  
2 vehicle, violation of traffic signal

Tammie

Julie A. Miller, Major  
Miami-Dade Police Department  
Town of Cutler Bay  
10720 Caribbean Boulevard, Suite 125  
Cutler Bay, FL 33189  
305-234-4237 Phone  
305-234-5887 Fax

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**From:** Lakeesha Morris [<mailto:LMorris@cutlerbay-fl.gov>]  
**Sent:** Wednesday, June 05, 2013 2:07 PM  
**To:** Miller, Julie A.  
**Cc:** Rafael Casals  
**Subject:** Crash Data Request

Good Afternoon,

Do you have any crash data for the area surrounding Cutler Ridge Middle and Gulfstream Elementary. I am specifically interested in crash data related to pedestrians and bicyclists. This is for a Safe Routes to School grant that I am working on. Any assistance is greatly appreciated.

Thank you,

Lakeesha Morris  
Grants Coordinator



# **H. Sign in Sheets from all meetings**



# **Town of Cutler Bay Bicycle Pedestrian Master Plan Public Involvement Meeting**

On behalf of the Mayor and Town Council, you are cordially invited to participate in a "Public Involvement Meeting", to discuss the proposed Bicycle Pedestrian Master Plan.

The Town desires to create a vision for non-motorized transportation within the Town Boundaries; to develop projects and policies that can accomplish that vision, and to develop performance measures that will enable the vision to be measured.

Your thoughts and input are important to us. We hope to see you and hear your opinions. Please join us on:

**Monday, June 20<sup>th</sup>, 2011**

**7:00 PM**

**South Dade Library  
10750 SW 211<sup>th</sup> Street  
First Floor  
Cutler Bay, FL 33189**

If you have any questions, please contact our office at:  
(305) 234-4262.



**Photographs of Town Meetings to review the Town's Bicycle Master Plan**





**Town of Cutler Bay**  
**Bicycle Pedestrian Master Plan**  
**Public Involvement Meeting**  
 Monday, June 20, 2011



**Sign-in Sheet**

Name: MAURICE R. HERNANDEZ - COMM. Lynda Bell  
 Address: 14707 South Dixie Highway, suite 101, 33176  
 Telephone: 305-378-6677 Email: District 8@MiamiJade.gov

Name: David Henderson  
 Address: 11 NW 1st St #920, Miami 33129  
 Telephone: 305-375-1047 Email: davidh@winn-dixie.gov

Name: Tom Coats  
 Address: 18725 SW 90 AVE  
 Telephone: 305 6327554 Email: tcjcoats@aol.com

Name: Stephanie Cornejo  
 Address: 8685 SW 159th Ave, 33197  
 Telephone: \_\_\_\_\_ Email: cornejo.stephanie@gmail.com

Name: SCARLET TENAN  
 Address: TOWN COUNCIL HALL  
 Telephone: \_\_\_\_\_ Email: STENANE@comcast.com



**Town of Cutler Bay**  
**Bicycle Pedestrian Master Plan**  
**Public Involvement Meeting**  
**Monday, June 20, 2011**



**Sign-in Sheet**

Name: <sup>MPO</sup> Eric Tullberg - BPAC & Green Mobility Network  
 Address: 7889 SW 179 Tr. Palmetto Bay FL 33157-6213  
 Telephone: 305-255-2594 Email: e341@bellsouth.net

Name: Steve ZARZECKI  
 Address: 9640 Martiniere Dr.  
 Telephone: 305 255 4351 Email: stephenz@gate.net

Name: Daniel Rivero  
 Address: 18680 Belmont Dr.  
 Telephone: 786-597-7968 Email: wlrnsocialmedia@yahoo.com

Name: Barbara Condon  
 Address: 19641 Holiday Rd.  
 Telephone: \_\_\_\_\_ Email: brcondon@yahoo.com

Name: DAVID JAY FEINBERG, NA/RSES  
 Address: 9161 CARIBBEAN BLVD  
 Telephone: 305-233-2560 Email: K4IDN@AOL.COM



**Town of Cutler Bay**  
**Bicycle Pedestrian Master Plan**  
**Public Involvement Meeting**  
**Monday, June 20, 2011**



**Sign-in Sheet**

Name: OSCAR CAMERJO  
 Address: 12224 SW 95 ST  
 Telephone: 305-375-1837 Email: oscam@micmed.com

Name: Terry Long  
 Address: 8011 SW 189 St  
 Telephone: (305) 282-2906 Email: terrylong@bellsouth.net

Name: RAFAEL G. CASALS  
 Address: 10720 CARIBBEAN BLVD, #105  
 Telephone: 31234-4262 Email: RCASALS@cutlerbay-fl.gov

~~Name: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 Telephone: \_\_\_\_\_ Email: \_\_\_\_\_~~

~~Name: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 Telephone: \_\_\_\_\_ Email: \_\_\_\_\_~~



**Town of Cutler Bay**  
**Bicycle Pedestrian Master Plan**  
**Public Involvement Meeting**  
 Monday, June 20, 2011



**Sign-in Sheet**

Name: SUE Loyzelle  
 Address: 9275 SW 185 Terrace  
 Telephone: 305-338-6318 Email: sloyzelle@cutlerbay-fl.gov

Name: ERNIE Sochin  
 Address: 10720 CANE BEAN BLVD, Suite #105  
 Telephone: 313-4262 Email: ESochin@cutlerbay-fl.gov

Name: RHODA Sochin  
 Address: 18730 SW 84 CT  
 Telephone: 305 235 5361 Email: rsochin@bellsouth.net

~~Name: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 Telephone: \_\_\_\_\_ Email: \_\_\_\_\_~~

~~Name: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 Telephone: \_\_\_\_\_ Email: \_\_\_\_\_~~



# Safe Routes to School Gulfstream Road Safety Audit

## Includes items from Section 8:

- D. Existing Conditions (Figure 1)**
- E. Proposed Improvements (Figure 6)**
- K. Color digital photos of existing conditions (pg. 18B)**
- L. Detailed Crash Data (pg. 5)**



**SAFE ROUTES TO SCHOOL GULFSTREAM ROAD PEDESTRIAN SAFETY AUDIT  
(CUTLER BAY ACADEMY OF ADVANCED STUDIES CUTLER RIDGE CAMPUS  
AND GULFSTREAM ELEMENTARY SCHOOL)**

---

***Town of Cutler Bay***



**Prepared For:  
Town of Cutler Bay, Florida**

**Prepared By:  
Kimley-Horn and Associates, Inc.  
Fort Lauderdale, Florida**



**June 2013**

## **INTRODUCTION**

---

### *PURPOSE*

Since the incorporation of the Town of Cutler Bay in 2005, community leaders and officials have sought to enhance the quality of life and livability within the Town. Providing safety and mobility for pedestrians is an important component of this initiative. Walking provides a critical form of transportation, recreation, and social interaction. The streets are an important component of a Town's livability. Everyone should feel comfortable using the streets whether motorist or pedestrian, young or old, waiting for a bus or walking to school.

The Town of Cutler Bay retained Kimley-Horn and Associates, Inc. (KHA) to perform a pedestrian safety audit of the existing conditions along Gulfstream Road between SW 210<sup>th</sup> Street and Franjo Road, including the potential for pedestrian improvements associated with Gulfstream Elementary School and Cutler Bay Academy of Advanced Studies Cutler Ridge Campus. Gulfstream Road is a major north-south collector roadway within the Town, connecting together two schools, many local residential streets, bus stops, and the Old Cutler Bike Path (County Bike Route 1) along Old Cutler Road.



**Figure 1 : Typical Existing Pedestrian Conditions along Gulfstream Road**

### *TOWN MAP WITH LOCATION OF SCHOOLS*

Figure 2 presents a map of the Town of Cutler Bay with the location of the schools noted.

### *DEMOGRAPHICS FOR THE SCHOOLS – PERCENT WALKERS*

According to the 2012 School Board parents' survey, 37 percent of Gulfstream Elementary School attendees walk to school, which represents approximately 250 walkers. The approximate number of walkers ranks Gulfstream 22<sup>nd</sup> among Miami-Dade County's 156 elementary schools in terms of number of children walking to school. Data were not available for Cutler Bay Academy of Advanced Studies.

***NUMBER OF STUDENTS***

The enrollment of students at Gulfstream Elementary School is currently 692 students including pre-K through 5<sup>th</sup> grade according to 2012-2013 data obtained by Town staff. Of the 692 Gulfstream Elementary School students, 572 receive free or reduced lunch (83 percent).

The enrollment of students at Cutler Bay Academy of Advanced Studies Cutler Ridge Campus is currently 1,040 students including 6<sup>th</sup> grade through 8<sup>th</sup> grade according to 2012-2013 data obtained by Town staff. Of the 1,040 Cutler Bay Academy of Advanced Studies Cutler Ridge Campus students, 940 receive free or reduced lunch (90 percent).

***BOUNDARIES THE SCHOOL SERVES***

The school legal boundaries description is provided in Appendix A.

***METHODOLOGY***

The data collection, analysis, and recommendations in this report are based on the Federal Highway Administration (FHWA) *Pedestrian Road Safety Audit Guidelines* (FHWA-SA-07-007). A road safety audit is a formal safety examination of a roadway facility or future roadway plan that is conducted by an independent team. The *Pedestrian Road Safety Audit Guidelines* document presents a broad overview of how pedestrians should be considered in the process and to provide transportation agencies and audit teams with a better understanding of the needs of pedestrians of all ages and abilities when conducting a road safety audit.

It should be noted that the scope of this report is limited to a review of the pedestrian safety conditions along Gulfstream Road and is not a full road safety audit, which would consider all modes of transportation safety.

***CONSIDERATIONS***

Six (6) universal considerations are identified in the FHWA *Pedestrian Road Safety Audit Guidelines*. The six considerations are summarized in Table 1.



**Figure 3 : Field Data Collection**

In addition, the project team considered potential discontinuities in pedestrian facilities, which can result in pedestrians being forced to share the road with vehicles and can lead to an overall reduction in mobility. The project team considered pedestrian continuity at the project limits on both ends of the corridor during the site reviews.

***PEDESTRIAN CRASH DATA***

The project team obtained pedestrian crash data from the Miami-Dade Metropolitan Planning Organization (MPO) and reviewed the crash data for input to the pedestrian safety audit. Seven years of pedestrian crash data from 2005 through 2011 were reviewed.

The data indicates that one pedestrian crash occurred along the Gulfstream Road corridor during the study period. The crash was a non-fatal collision between a motor vehicle and a 13-year old juvenile pedestrian at the intersection of Gulfstream Road and Memorial Drive on May 20, 2008. The crash occurred at 3:57 PM during cloudy conditions with dry pavement.

**Safe Routes To School Gulfstream Road Pedestrian Safety Audit**  
 (Cutler Bay Academy of Advanced Studies Cutler Ridge Campus and Gulfstream Elementary School)  
 Town of Cutler Bay

**Table 2 : Gulfstream Road Pedestrian Safety Audit, Site Number Index for Each Location**

Location #	Intersection / Site
1	Franjo Road at the Gulfstream/Franjo Connection
2	Gulfstream Road at SW 99th Road
3	Gulfstream Road at the Gulfstream/Franjo Connection
4	Gulfstream Road at SW 189th Street
5	Gulfstream Road at SW 190th Street
6	South of SW 190th Street and North of SW 97th Place
7	Gulfstream Road at SW 191st Street
8	North Side of Cutler Bay Academy of Advanced Studies Cutler Ridge Campus
9	Cutler Bay Academy of Advanced Studies Cutler Ridge Campus Bus Loops
10	Gulfstream Road at SW 191st Terrace
11	Gulfstream Road & North Driveway of Cutler Bay Academy of Advanced Studies (Staff Parking Entrance)
12	Gulfstream Road at Holiday Road
13	South End of Cutler Bay Academy of Advanced Studies / Crosswalk across Gulfstream Road
14	Gulfstream Road at SW 194th Terrace
15	Gulfstream Road at SW 97th Place
16	Gulfstream Road at Memorial Drive
17	Gulfstream Road at Marlin Road
18	Gulfstream Road at SW 197th Street
19	Gulfstream Road at Cutler Ridge Drive (SW 200th Street)
20	Gulfstream Road at Bahama Drive
21	Gulfstream Road at Caribbean Boulevard
22	Gulfstream Road at Dominican Drive
23	Gulfstream Road at Haitian Drive
24	Gulfstream Road at Jamaica Drive
25	Gulfstream Road at Martinique Drive
26	Gulfstream Road at Nassau Drive
27	Gulfstream Road at Montego Bay Drive
28	Gulfstream Road at SW 97th Court (SW 210th Street crosswalk)

Please see Appendix C for the opinion of probable cost (OPC) for each location and the corridor total.

Table 3

Location #	Intersection	Aerial / Photo	Existing Conditions	Recommended Improvements	Notes	Cost Estimate
4	Gulfstream Road at SW 189th Street		T-Intersection with unstriped crossing across the west leg of the intersection	High Emphasis Crosswalk Markings ADA Detectable Warnings	Typical Intersection with missing crosswalk and ADA	\$906.50
5	Gulfstream Road at SW 190th Street		T-Intersection with unstriped crossing across the west leg of the intersection	High Emphasis Crosswalk Markings ADA Detectable Warnings	Typical Intersection with missing crosswalk and ADA	\$957.58
6	South of SW 190th Street North of SW 97th Place		School Warning Sign	Install solar school zone flashers south of SW 190th Street (facing SB traffic) and north of SW 97th Place (facing NB traffic) Relocate existing SB School Warning Sign north of SW 190th Street to be in front of tree	Existing tree is obstructing view of sign.	\$8,161.26

Gulfstream Road Pedestrian Safety Audit Recommendations

Table 3

Location #	Intersection	Aerial / Photo	Existing Conditions	Recommended Improvements	Notes	Cost Estimate
10	Gulfstream Road at SW 191st Terrace		T-Intersection with unstriped crossing across the east leg of the intersection	High Emphasis Crosswalk Markings ADA Detectable Warnings	Typical intersection with missing crosswalk and ADA	\$906.50
11	Gulfstream Road & North Driveway of Cutler Bay Academy of Advanced Studies Cutler Ridge Campus (Staff Parking Entrance)		Staff Parking Entrance and Exit	Build concrete sidewalk across driveway flush with driveway surface	Extending the flush sidewalk across the driveway is common for driveways and helps to define the right-of-way and elevate the prominence of the pedestrian facility. In addition, this improvement would match the condition at the Staff Parking South Driveway, where the sidewalk crosses the asphalt surface.	\$867.00
12	Gulfstream Road at Holiday Road		T-Intersection with existing high emphasis crosswalk markings	Restripe Crosswalks. Install ADA Curb Ramp on west side of Gulfstream (currently the crosswalk ends at a curb). Build sidewalk connection on the east side of Gulfstream crosswalk. Install school crossing warning (S1-1) sign with diagonal downward pointing arrow plaque (W16-7P) on the northbound (east) side.	Minor ponding occurring within the crosswalk on the west side of the road. School crossing warning sign already exists on the southbound (west) side.	\$3,086.60

Gulfstream Road Pedestrian Safety Audit Recommendations

Table 3

Location #	Intersection	Aerial / Photo	Existing Conditions	Recommended Improvements	Notes	Cost Estimate
16	Gulfstream Road at Memorial Drive		T-Intersection with unstriped crossing across the east leg of the intersection	High Emphasis Crosswalk Markings ADA Detectable Warnings	Southeast Corner does not have a sidewalk connection. An existing driveway is in the location that the sidewalk would be. There is room to add a sidewalk adjacent to the driveway.	\$1,501.19
17	Gulfstream Road at Marlin Road		4-Way Stop Intersection with existing standard crosswalk markings and ADA Detectable Warnings	Reconstruct crosswalks closer to the throat of the approaches to shorten the crossing distance. Enhance ADA by constructing wider landing areas and providing detectable warning surfaces that direct users toward the crosswalk rather than toward the middle of the intersection. Address driveway connection.	Southeast Corner connects to existing driveway. Minor flooding at the SE and NW corners.	\$7,617.36
18	Gulfstream Road at SW 197th Street		T-Intersection with unstriped crossing across the west leg of the intersection	High Emphasis Crosswalk Markings ADA Detectable Warnings	Typical intersection with missing crosswalk and ADA	\$906.50

Gulfstream Road Pedestrian Safety Audit Recommendations

Table 3

Location #	Intersection	Aerial / Photo	Existing Conditions	Recommended Improvements	Notes	Cost Estimate
22	Gulfstream Road at Dominican Drive		2-Way Stop Intersection with unstriped crossings	High Emphasis Crosswalk Markings ADA Detectable Warnings Build sidewalk connections on the Northeast and Southeast corners of the intersection.	East side of Gulfstream requires sidewalk connections.	\$3,185.80
23	Gulfstream Road at Haitian Drive		2-Way Stop Intersection with unstriped crossings	High Emphasis Crosswalk Markings ADA Detectable Warnings	Pedestrian crosswalks needed across Haitian Drive on east and west sides.	\$1,710.83
24	Gulfstream Road at Jamaica Drive		2-Way Stop Intersection with unstriped crossings	High Emphasis Crosswalk Markings ADA Detectable Warnings	Pedestrian crosswalks needed across Jamaica Drive on east and west sides.	\$1,813.00

Table 3

Location #	Intersection	Aerial / Photo	Existing Conditions	Recommended Improvements	Notes	Cost Estimate
28	Gulfstream Road at SW 97th Court (SW 210th Street crosswalk)		Unconnected intersection	Sidewalk connection from the existing 8' sidewalk on SW 97th Court needs to be extended to the existing 5' sidewalk on Gulfstream Road	Sidewalk connection needed to connect neighborhoods	\$1,929.80

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**APPENDIX A**

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**School Legal Boundaries Description**

**Safe Routes To School Gulfstream Road Pedestrian Safety Audit**  
(Cutler Bay Academy of Advanced Studies Cutler Ridge Campus and Gulfstream Elementary School)  
Town of Cutler Bay

**APPENDIX B**

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**Illustrative Field Photographs**



**Gulfstream Road @ SW 99<sup>th</sup> Road – connection to sidewalk, west side looking south**



**Gulfstream Road @ SW 99<sup>th</sup> Road – missing crosswalk and ADA, west side looking north**



**Gulfstream Road @ north of SW 190<sup>th</sup> Street – obstructed school warning sign, looking south**



**Gulfstream Road @ SW 191<sup>st</sup> Terrace – broken sidewalk and missing crosswalk / ADA, east side**



**Gulfstream Road @ Memorial Drive – missing crosswalk and ADA, east side looking north**



**Gulfstream Road @ Marlin Road – existing ponding and ADA concerns, southeast corner**



**Gulfstream Road @ SW 200<sup>th</sup> Street – missing ADA and fading crosswalks, looking southwest**



**Gulfstream Road @ SW 200<sup>th</sup> Street – missing ADA, broken asphalt, ponding concern, northeast corner**



**Gulfstream Road @ Montego Bay Drive – crosswalk does not align with sidewalk, northeast corner**



**Gulfstream Road @ SW 97<sup>th</sup> Court / SW 210<sup>th</sup> Street – looking west at crosswalk**

**APPENDIX C**

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**Opinion of Probable Cost**

**Gulfstream Road Pedestrian Safety Audit  
Opinion of Probable Cost**

Location #	Intersection	Pay Item(s)	Recommended Improvements	Quantity	Unit Cost (\$)	Unit	Total	Location Total
10	Gulfstream Road at SW 191st Terrace	711-11-123, 711-11-125	Install high emphasis crosswalk	30	\$10.22	LF	\$306.50	\$906.50
		527-1	Install detectable warning surfaces	2	\$300.00	EA	\$600.00	
		110-4	Asphalt removal across driveway	15	\$11.80	SY	\$177.00	
11	Gulfstream Road & North Driveway of School (Staff Parking Entrance)	522-2	Install 6" thick concrete sidewalk	15	\$46.00	SY	\$690.00	\$867.00
		711-12-125	Refurbish crosswalks - east side and south side	150	\$3.62	LF	\$543.00	
12	Gulfstream Road at Holiday Road	110-4	Remove existing concrete - west side of Gulfstream	6.67	\$11.80	SY	\$78.67	\$306.67
		522-2	Install ADA curb ramp - west side of Gulfstream	6.67	\$46.00	SY	\$306.67	
		522-1	Install sidewalk extension/ramp - southeast side	9	\$45.00	SY	\$405.00	
		527-1	Install detectable warning surfaces	4	\$300.00	EA	\$1,200.00	
		700-20-11	Furnish and install single post traffic sign	2	\$257.50	AS	\$515.00	
		110-1-1	Clearing and grubbing for the recommended improvements	0.002	\$20,579.79	AC	\$38.27	
		711-12-125	Refurbish crosswalk across Gulfstream	70	\$3.62	LF	\$253.40	
13	South End of Cutler Bay Academy of Advanced Studies / Crosswalk across Gulfstream Road	110-4	Remove existing concrete - west side of Gulfstream	6.67	\$11.80	SY	\$78.67	\$306.67
		522-2	Install ADA curb ramp - west side of Gulfstream	6.67	\$46.00	SY	\$306.67	
		522-1	Install sidewalk extension/ramp - east side of Gulfstream	9	\$45.00	SY	\$405.00	
		527-1	Install detectable warning surfaces	2	\$300.00	EA	\$600.00	
		700-48-18	Furnish and install supplemental sign plaque	1	\$285.47	EA	\$285.47	
		110-1-1	Clearing and grubbing for the recommended improvements	0.002	\$20,579.79	AC	\$38.27	
		522-1	Install sidewalk extension/ramp to crosswalk - southwest side	9	\$45.00	SY	\$405.00	
14	Gulfstream Road at SW 194th Terrace	527-1	Install detectable warning surfaces	2	\$300.00	EA	\$600.00	\$1,043.27
		110-1-1	Clearing and grubbing for the recommended improvements	0.002	\$20,579.79	AC	\$38.27	
15	Gulfstream Road at SW 97th Place	711-11-123, 711-11-125	Install high emphasis crosswalk	35	\$30.22	LF	\$337.58	\$957.58
		527-1	Install detectable warning surfaces	2	\$300.00	EA	\$600.00	
		522-1	Install sidewalk extension/ramp to crosswalk - southeast side	10	\$45.00	SY	\$450.00	
16	Gulfstream Road at Memorial Drive	711-11-123, 711-11-125	Install high emphasis crosswalk	40	\$10.22	LF	\$408.67	\$600.00
		527-1	Install detectable warning surfaces	2	\$300.00	EA	\$600.00	
		110-1-1	Clearing and grubbing for the recommended improvements	0.002	\$20,579.79	AC	\$42.52	
		527-1	Remove existing concrete sidewalk connections	21	\$11.80	SY	\$247.80	
17	Gulfstream Road at Marlin Road	110-4	Install sidewalk extension/ramps (one per crosswalk approach)	53	\$45.00	SY	\$2,385.00	\$906.50
		522-1	Remove standard crosswalks	300	\$5.00	SF	\$1,500.00	
		711-17	Install standard crosswalks	240	\$3.58	LF	\$859.20	
		527-1	Install detectable warning surfaces	8	\$300.00	EA	\$2,400.00	
		110-1-1	Clearing and grubbing for the recommended improvements	0.011	\$20,579.79	AC	\$225.36	
		711-11-123, 711-11-125	Install high emphasis crosswalk	30	\$10.22	LF	\$306.50	
		527-1	Install detectable warning surfaces	2	\$300.00	EA	\$600.00	
18	Gulfstream Road at SW 197th Street	711-12-125	Refurbish crosswalk markings	350	\$3.62	LF	\$1,267.00	\$906.50
		527-1	Install detectable warning surfaces	8	\$300.00	EA	\$2,400.00	
		522-1	Install sidewalk extension/ramp, eliminate ponding - northeast corner	11	\$45.00	SY	\$495.00	
19	Gulfstream Road at Currier Ridge Drive (SW 200th Street)	110-1-1	Clearing and grubbing for the recommended improvements	0.002	\$20,579.79	AC	\$46.77	\$4,208.77
		711-11-123, 711-11-125	Install high emphasis crosswalk - east and west sides	55	\$10.22	LF	\$561.92	
		527-1	Install detectable warning surfaces	4	\$300.00	EA	\$1,200.00	
20	Gulfstream Road at Bahama Drive	711-11-123, 711-11-125	Install high emphasis crosswalk - east and west sides	55	\$10.22	LF	\$561.92	\$1,761.92
		527-1	Install detectable warning surfaces	4	\$300.00	EA	\$1,200.00	