SAFE ROUTES TO SCHOOL
Infrastructure Plans
2015

MIAMI-DADE METROPOLITAN PLANNING ORGANIZATION

MARLIN

Safe Routes to School 2015

Infrastructure Plans

Prepared for:

Miami-Dade County Metropolitan Planning Organization

Prepared by:

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Overview

The objective of the Safe Routes to School (SRTS) program is to make walking and biking to school safer for children and to increase the number of school age children that choose to walk and bicycle to school. Miami-Dade County Public Schools (MDCPS), in conjunction with the Miami-Dade Metropolitan Planning Organization (MPO) and Miami-Dade Department of Transportation and Public Works (DTPW) have worked to continually improve walking and biking conditions for students in grades K-8 by prioritizing and requesting funding for Safe Routes to School infrastructure improvements around Miami-Dade County elementary and K-8 schools.

In addition to promoting infrastructure improvements, the Safe Routes to School Program encourages use of the "5 E's" approach to facilitate safer walking and biking. The Miami-Dade Public Schools Community Traffic Safety Team (CTST) facilitate active participation in Engineering, Education, Enforcement, Encouragement, and Evaluation efforts at schools to ensure a holistic approach to improving walking and biking for students. The CTST membership includes School Board, MPO, DTPW, FDOT, law enforcement, the University of Miami WalkSafe and BikeSafe programs and others involved in student safety and transportation. This multi-disciplinary, inter-agency coordination process helps move the process forward from application through implementation.

In The *2015 Safe Routes to School Infrastructure Plans* study is a continuation of previous efforts by the MPO that have been taking place since the mid-2000s. Each year, the Miami-Dade MPO selects priority schools to be studied for Safe Routes to School improvements. The ten schools selected this year are from the Prioritization Results table in Appendix D of the 2013 Safe Routes to School Plan.

The two objectives of this study are:

1. Develop Safe Routes to School plans for ten selected schools, identify safe routes, infrastructure improvements, cost estimates, and a walking map
2. Prepare FDOT Safe Routes to School infrastructure funding applications for selected school

Deliverables for this study include a completed Safe Routes to School Infrastructure Plans application to be submitted to FDOT by March 31, 2016.

Selected Schools

This year, ten schools were selected for the *2015 Safe Routes to School Infrastructure Plans* study. The schools were selected from a list of elementary and K-8 schools in Miami-Dade County, prioritized in the 2013 Safe Routes to School Infrastructure Plans report. Schools were prioritized based on factors such as the number of pedestrian and bicycle crashes, percentage of students who walk, and nearby traffic volumes. Miami-Dade County has been working from this list for several years to implement Safe Routes to School improvements where they are most needed. This year's selected schools included elementary and K-8 schools detailed in Table 1 and Figure 1.

Table 1: Selected Schools for 2015 SRTS Infrastructure Plans Study

School	Address	Municipality
Bunche Park Elementary	16001 Bunche Park Elementary Dr.	Opa-Locka
Carrie P. Meek Westview K-8 Center	2101 NW 127 St.	Miami
Flagami Elementary	920 SW 76th Ave	Miami
Hubert O. Sibley K-8 Center	255 NW 115th St.	Miami
Miami Gardens Elementary	4444 NW 195th St.	Miami Gardens
Myrtle Grove K-8 Center	3125 NW 176th St.	Miami Gardens
North Twin Lakes Elementary	625 W 74th Pl.	Hialeah
Robert R. Moton Elementary	18050 Homestead Ave.	Miami
Shadowlawn Elementary	149 NW 49th St.	Miami
Florida City Elementary	364 NW 6th Ave.	Florida City

Figure 1: Map of Selected Schools for 2015 SRTS Infrastructure Plans

Study Method

The 2015 Safe Routes to School Infrastructure recommendations were developed by conducting site visits at each school and by using information obtained from interviews with school crossing guards, discussions with school administrators and from parent and classroom surveys about walking/biking conditions in the vicinity of the schools.

All information collected was analyzed to determine which infrastructure recommendations to include in the Safe Routes to School application, the best Safe Route to recommend for students, and if any observed deficiencies outside of the scope of Safe Routes to School need to be provided to MDCPS, Miami-Dade DTPW, or to school administrators for consideration using other funding sources.

Student Travel Data

MDCPS provided data on school attendance boundaries and student residence locations. Proposed Safe Routes were developed by connecting student residence locations to school locations through observation and use of survey data. WalkSafe provided information from the annual MDCPS student travel survey. In addition to this, Student Travel Tallies and Parent Surveys were conducted to get data on the number of students walking and biking as well as what concerns parents have about their child's route to school.

School Site Visits

Each of the ten selected schools was visited during arrival or dismissal time to observe the walking and biking patterns of students as they arrived or departed from school. The observation teams walked the school neighborhoods, interviewed crossing guards when possible, spoke to parents, and took photos to document conditions within the school attendance boundary area. The entire boundary area was driven to survey and observe roadway signage, sidewalk, intersection and crossing conditions. In addition to the photos, video footage was taken at many of the schools to document infrastructure conditions.

Recommendations

Recommendations for infrastructure improvements were developed using the guidelines for eligible improvements for Safe Routes to School infrastructure funding applications. Proposed Safe Routes were also identified based on existing infrastructure and recommended improvements. Eligible projects include:

- Pedestrian Facilities
- Bicycle Facilities
- Traffic Control Devices
- Traffic Calming

SRTS Infrastructure improvements were recommended per the guidelines and cost estimates were developed for each application. Cost estimates submitted for proposed Safe Routes to School infrastructure improvements are comprehensive and include the cost of materials, mobilization, Maintenance of Traffic (MOT), design, administration, and Construction Engineering Inspection (CEI). Tables 2 shows the cost estimates.

Table 2: Cost Estimates for Proposed 2015 SRTS Infrastructure Plans

School	Infrastructure Cost Estimate
Bunche Park Elementary	$41,316
Carrie P. Meek Westview K-8 Center	$251,421
Flagami Elementary	$280,724
Hubert O. Sibley K-8 Center	$188,019
Miami Gardens Elementary	$146,152
Myrtle Grove K-8 Center	$122,356
North Twin Lakes Elementary	$83,745
Robert R. Moton Elementary	$56,348
Shadowlawn Elementary	$83,956
Florida City Elementary	$406,421
Total 2015 Request	$1,660,458

School	Bunche Park Elementary
	
Enrollment	343
Estimated percent of students living within 0.5 miles of school	63%
Estimated percent of students walking/biking	32%
Recommendations	Crosswalks, signage
Estimated cost of recommendations	$41,316.00

2015 Parent Survey Feedback

"I would love to allow my daughter the chance and independence of walking to or from school with friends once she is older, unfortunately the anxiety with allowing her to do so is overwhelming…"

Bunche Park Elementary: Observations and Recommendations

Missing crosswalk

Missing crosswalk

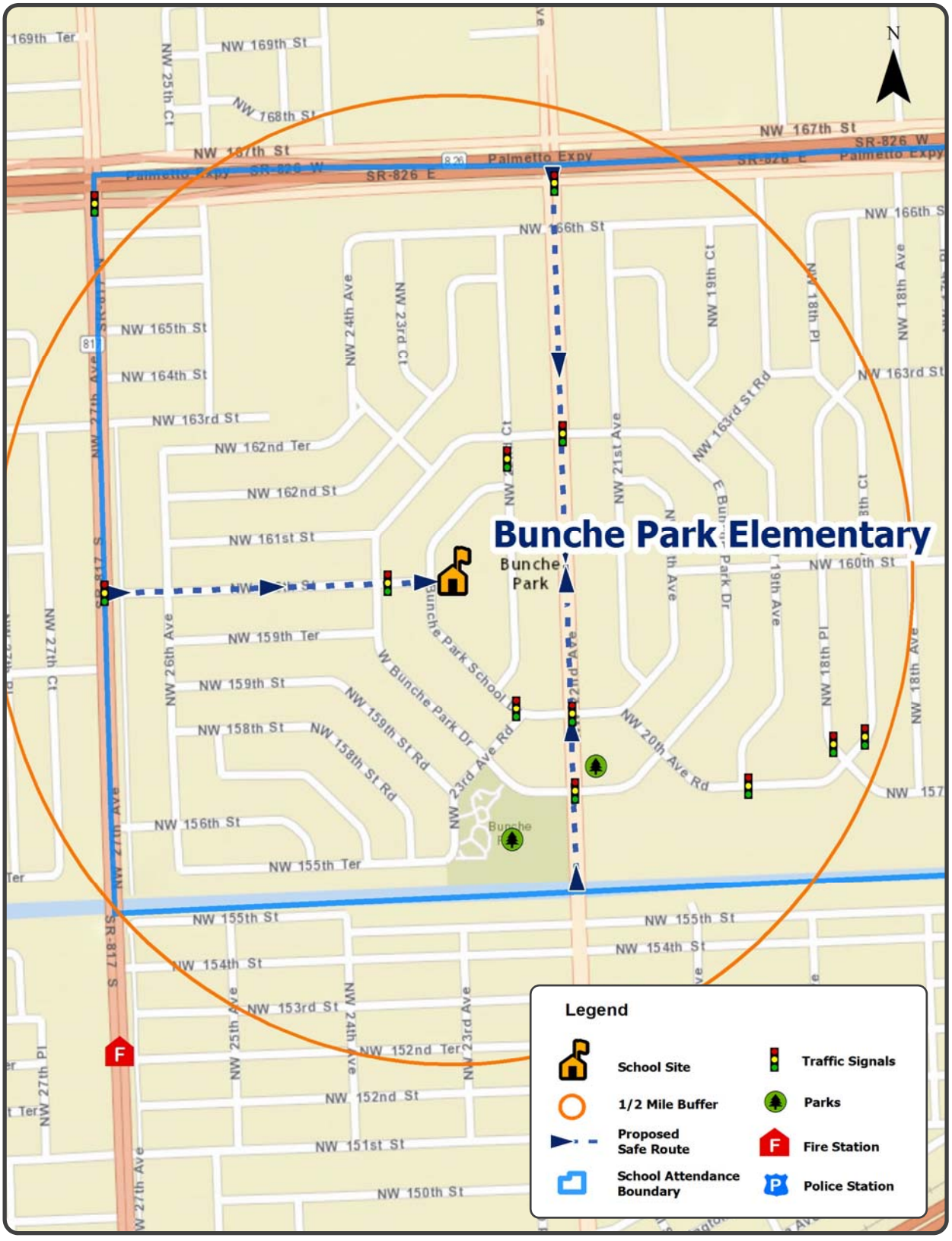
The site was under construction when the team visited, and the Principal indicated that a new school is being built. Access to the new school will flip over to the east side of the school. Signage will have to be changed adjacent to the school. Bus access and Pick-up drop-off is currently on adjacent roads and will soon be accommodated on-site once the new school is built which will be a big improvement.

In general, the area around Bunche Park Elementary could benefit from improved pedestrian crossing facilities. Areas surrounding the school generally lack well-marked crosswalks. Recommended improvements as well as the proposed safe route are focused on NW 22 Ave and NW 160 Street, where most students will have to walk in order to reach the school. Bunche Park may benefit from a future evaluation for Safe Routes to School infrastructure improvements following construction of the new school site.

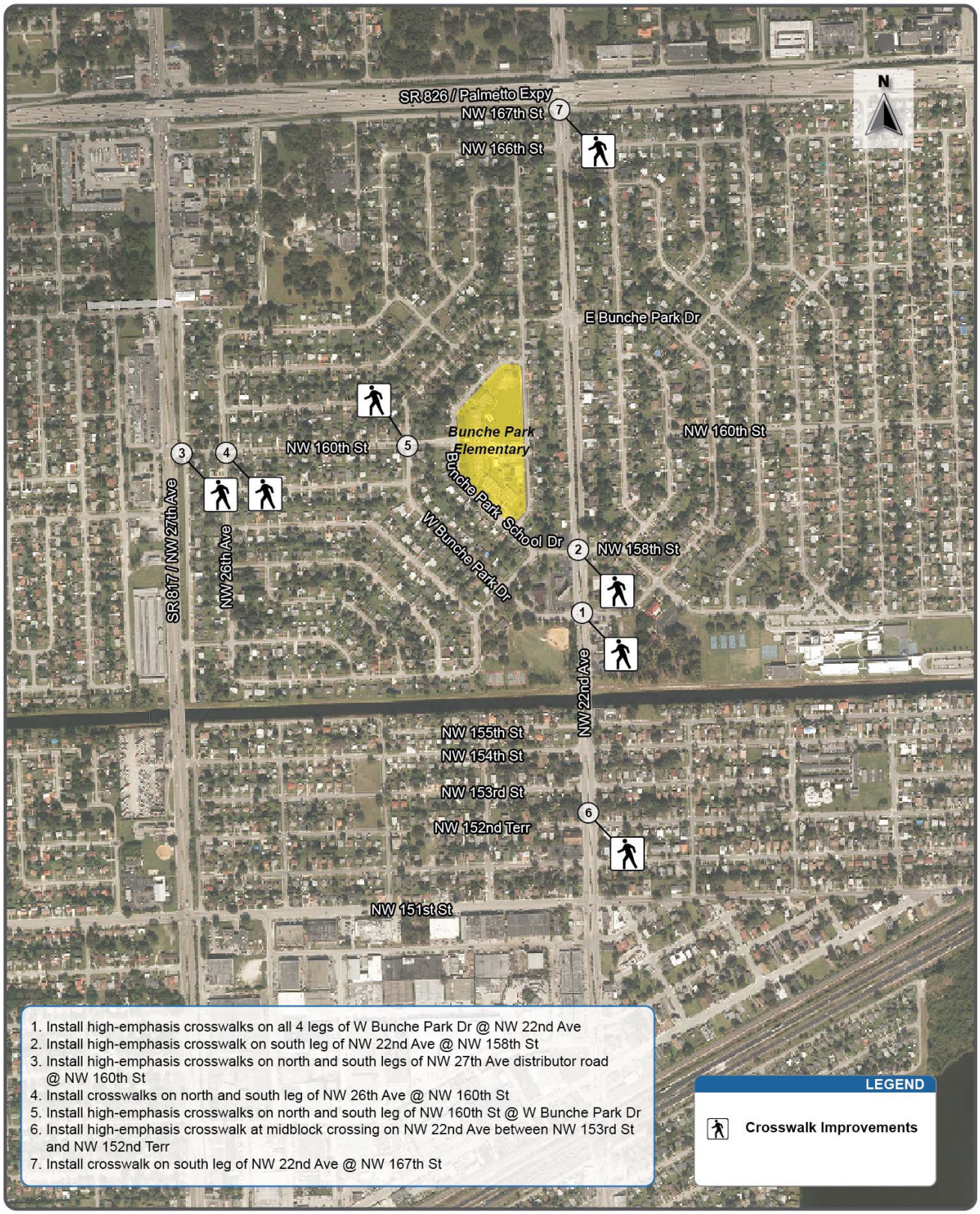
Other Observations:
Bunche Park currently has a very well-controlled operation for school dismissal. There were teachers and the Principal managing traffic and students at the main pick-up facility. School bus operations were in a separate area. Observed a need for ADA access to buses. NW 22nd Avenue has significant traffic and may need additional crossing guards.

It was observed that students attending the North Dade Middle School to the south are using the South Florida Water Management District Canal south of NW 55th Terrace right of way as a cut through from NW 22nd Ave to the school. In addition, The Bunche Park and Pool is also along the canal and is in close proximity to both schools and would also benefit from pedestrian and bicycle improvements.

Bunche Park Elementary: Safe Route Map



Bunche Park Elementary: Infrastructure Recommendations



School	Flagami Elementary
	
Enrollment	448
Estimated percent of students living within 0.5 miles of school	74%
Estimated percent of students walking/biking	0%
Recommendations	Sidewalks, crosswalks, signage
Estimated cost of recommendations	$280,724.00

2015 Parent Survey Feedback

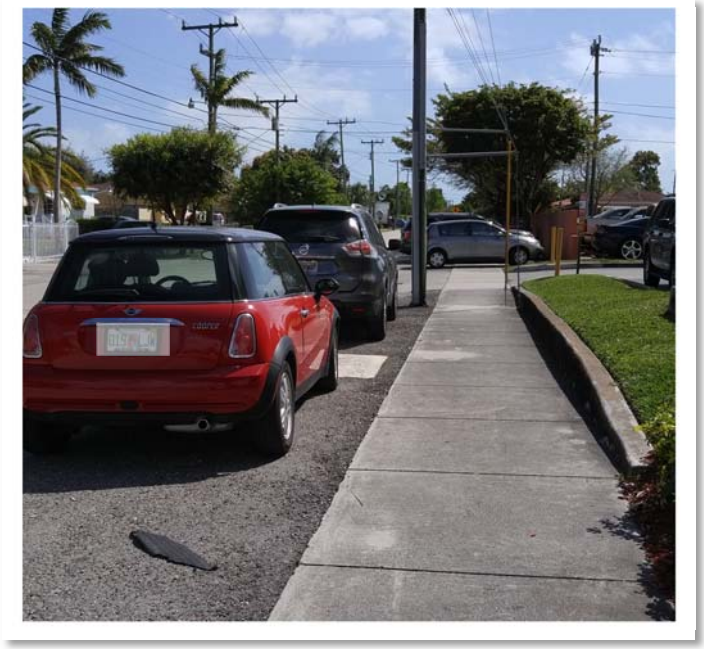
"As a mother, I feel safer picking them up and dropping them off from school."

"Many of the problems with pickup and drop-off comes from vehicles illegally parked on the streets and not enough parking for parents that choose to pick-up. Carpool has helped, but still a problem due to illegal parking."

Flagami Elementary: Observations and Recommendations

Need pedestrian signal

Missing crosswalks



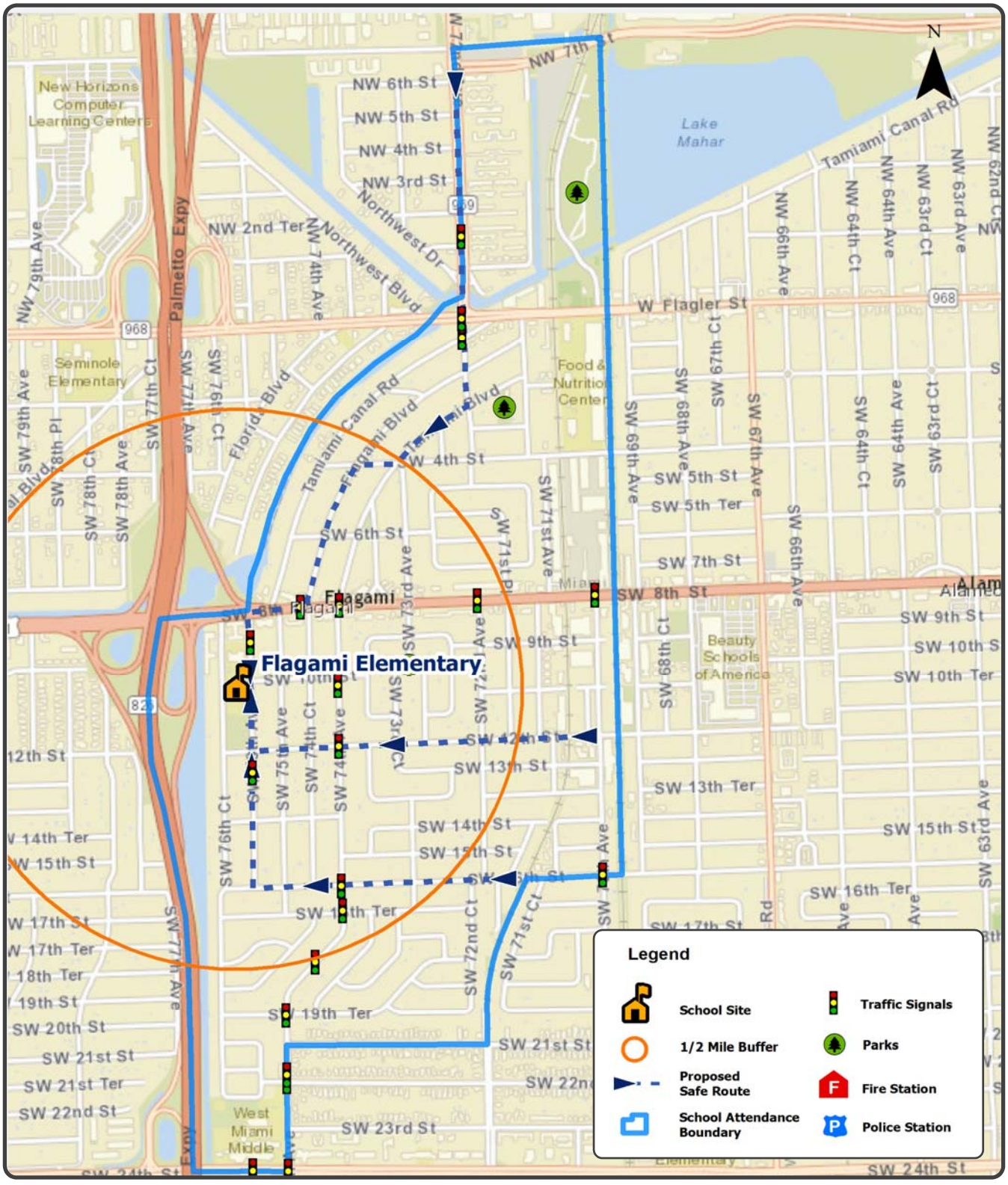
Parked vehicles blocking sidewalk

Student travel tallies indicate that a very low percentage of students either walk or bike to school. Discussion with the principal confirmed that most students are dropped off and that the school could benefit from a reconfiguration of traffic flow around the school.

During dismissal it was observed that there was significant traffic backup along SW 76 Avenue. This created traffic hazards for vehicles entering and leaving the Popular Community Bank Building, as well as for vehicles traveling eastbound on SW 8th Street. The principal was interested in an evaluation to restrict traffic to be one-way along SW 76 Ave in the afternoons to facilitate better traffic flow. Reconfiguration of traffic circulation during arrival and dismissal could alleviate traffic conflicts on SW 76 Ave and SW 8th Street and make it safer for arriving and departing students to get from their car to the school building.

The 2010-2014 crash history for streets within the attendance boundary indicate that most pedestrian crashes occur along SW 8 St, which is a major arterial. Very few streets south of SW 8 St have sidewalks, but there have been some pedestrian safety improvements implemented in the vicinity of the school.

Flagami Elementary: Safe Route Map



Flagami Elementary: Infrastructure Recommendations

School	Hubert O. Sibley K-8 Center
	
Enrollment	828
Estimated percent of students living within 0.5 miles of school	25%
Estimated percent of students walking/biking	20%
Recommendations	Sidewalks, crosswalks, signage
Estimated cost of recommendations	$188,019.00

2015 Parent Survey Feedback

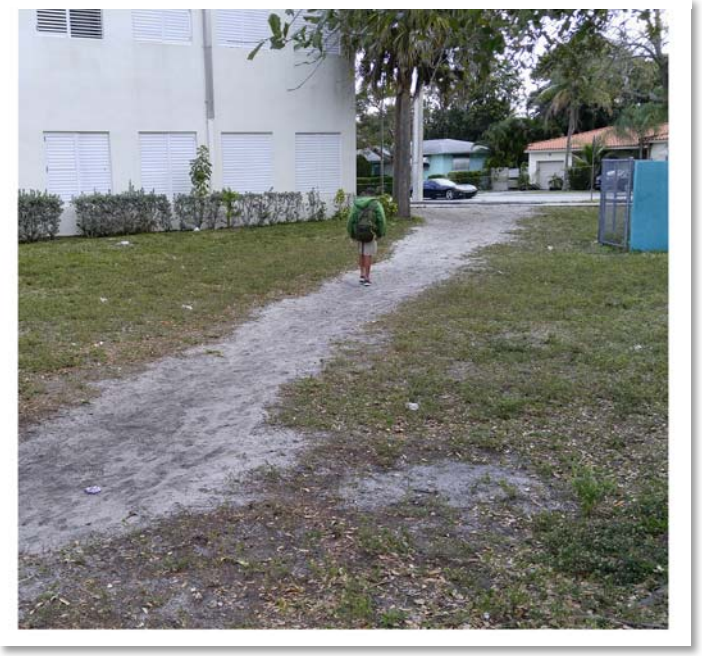
Question: Would you let your child walk or bike to/from school if this were changed or improved? Top 3 'Yes' responses below…

1. Convenience of driving 2. Time 3. Sidewalks/pathways

Hubert O. Sibley K-8 Center: Observations and Recommendations

Missing crosswalks and curb ramps

Students dropped off in unsafe locations



Missing sidewalk or path

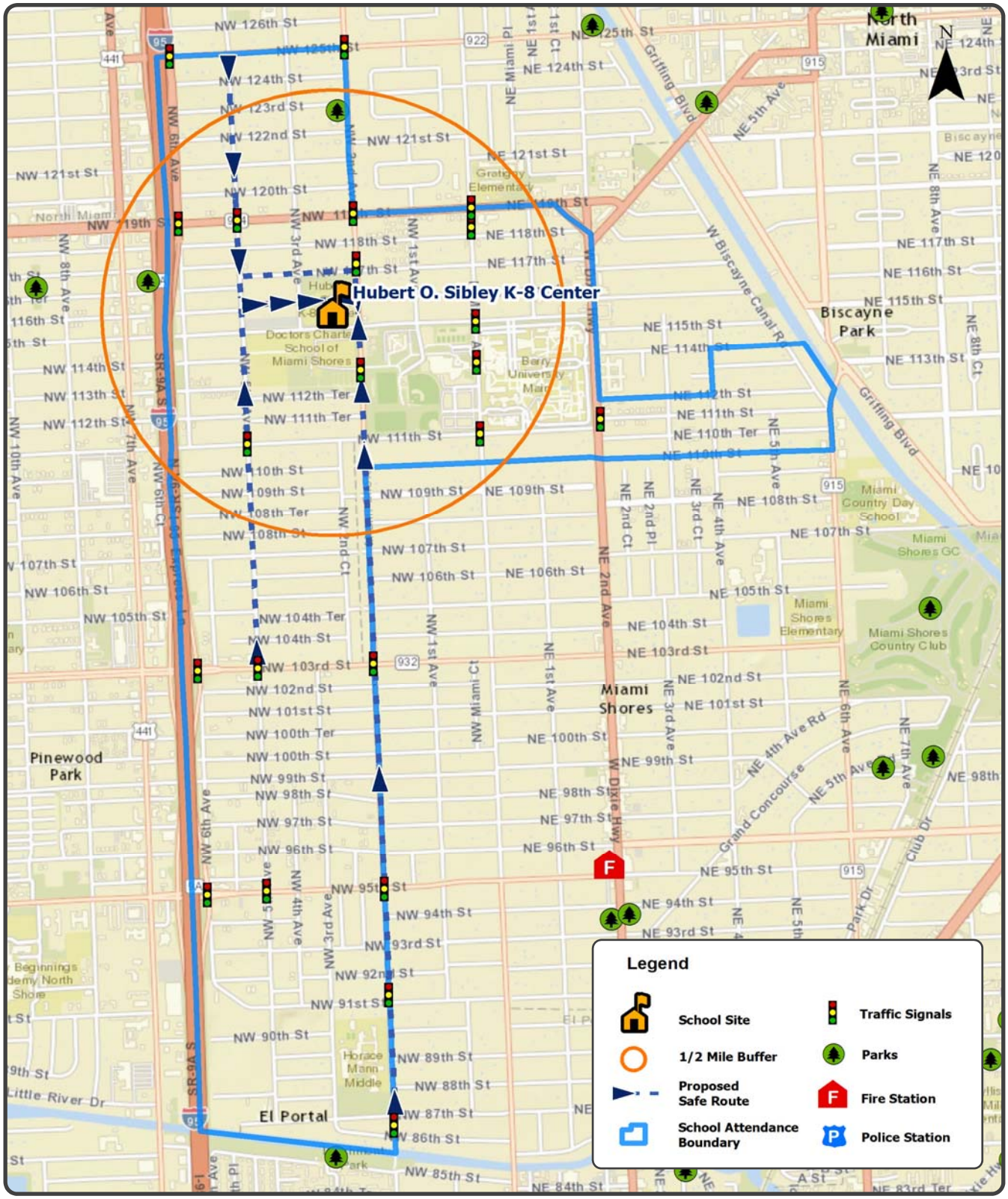
Hubert O. Sibley K-8 Center is located in a very active pedestrian area near a charter school and the Barry University campus.

NW 115 Street was observed as the primary activity area for pickup and drop-off. It was observed that the driveway area along NW 2nd Ave was unused during student drop-off, and may provide an opportunity to move student drop-off to this location rather than along NW 115 Street. NW 115 Street, as currently configured, allows parents to park along the shoulder on the south side of the street, and let students cross to the north side of the street, where the school is located. This unsafe behavior was observed several times during the drop-off time.

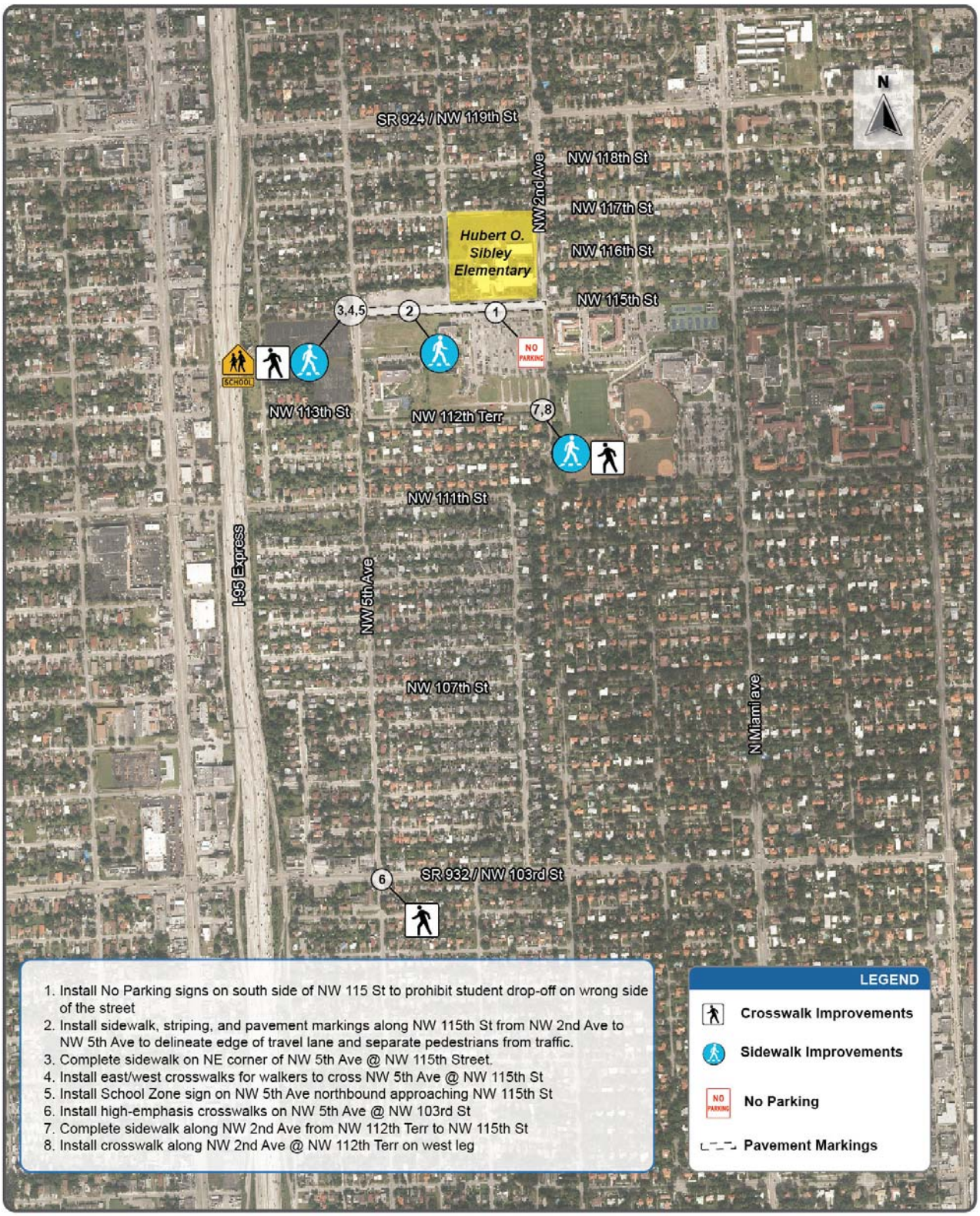
There is a very large path cut out on the southeast side of the school property, near the corner of NW 2 Ave and NW 115 Street, where kids are cutting across. While it is not eligible for Safe Routes to School Infrastructure funding, the school may want to consider providing a sidewalk here so that students don't have to walk in dirt or mud to take this route around campus.

The 2010-2014 crash history for streets within the attendance boundary indicate that most pedestrian and bicycle crashes occur on the major arterials such as NW 95 St, NE 103 St, and NW 119 St. There are a few crashes along NW 5 Ave as well.

Hubert O. Sibley K-8 Center: Safe Route Map



Hubert O. Sibley K-8 Center: Infrastructure Recommendations



School	Carrie P. Meek / Westview K-8 Center

Enrollment	746
Estimated percent of students living within 0.5 miles of school	65%
Estimated percent of students walking/biking	51%
Recommendations	Sidewalks, crosswalks, signage
Estimated cost of recommendations	$251,421.00

2015 Parent Survey Feedback

Question: Would you let your child walk or bike to/from school if this were changed or improved? Top 3 'Yes' responses below…

1. Speed of Traffic 2. Safety of intersections 3. Violence or crime

Meek/Westview K-8 Center: Observations and Recommendations

Missing crosswalk

Truck parked on sidewalk

Parking restrictions during arrival and dismissal

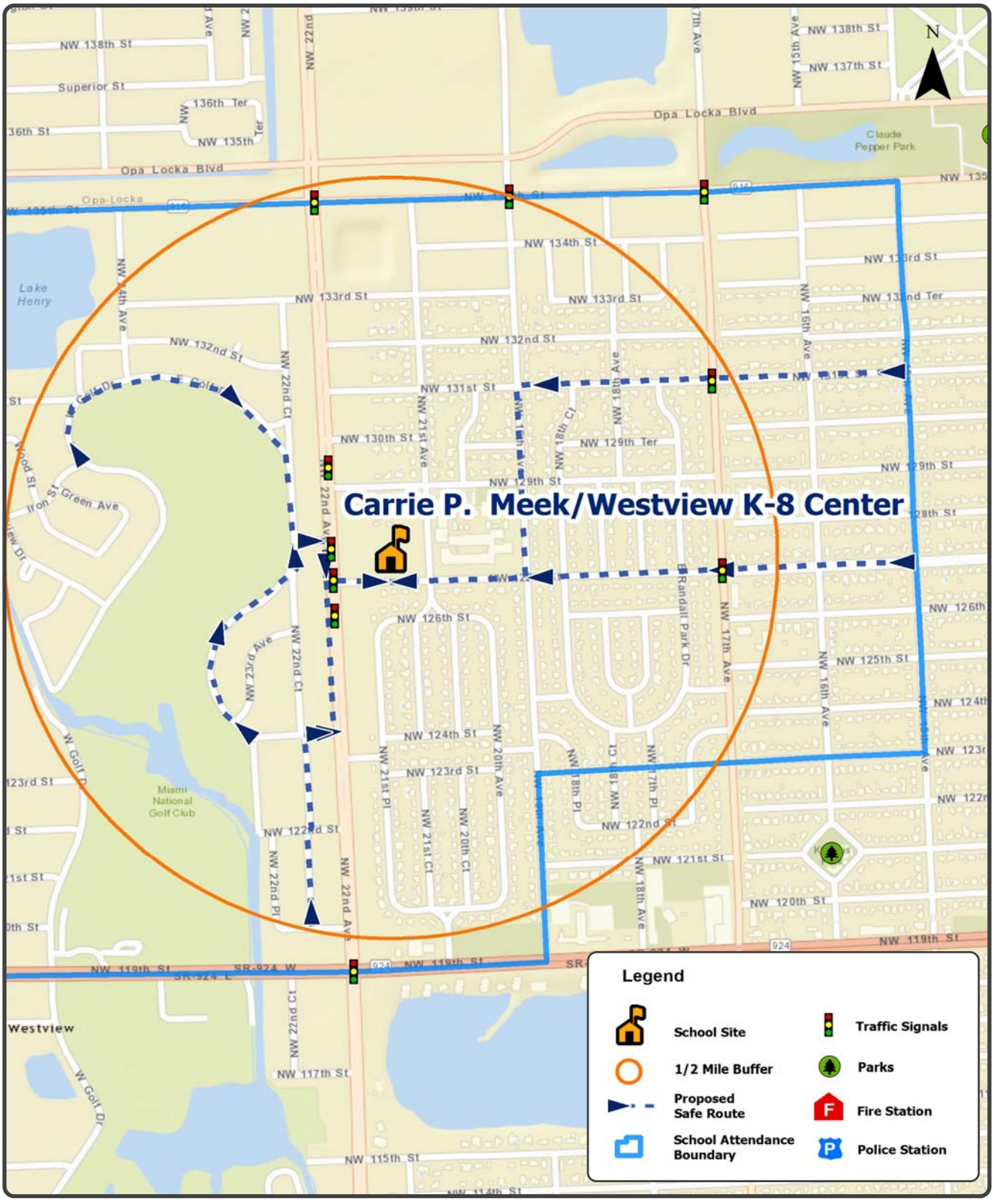
About 51 percent of students walk or bike to Carrie P. Meek/Westview K-8 Center.

It was observed that there is parking alongside the school to facilitate pickup and drop-off of students without having them need to cross a street. Areas along NW 127 Street across the street from the school have been identified as passenger loading zones during school hours, encouraging drop-off on the wrong side of the street.

The 2010-2014 crash history for streets within the attendance boundary indicate a high number of pedestrian crashes in the neighborhood and on the surrounding major streets. The streets with the highest number of crashes are NW 27 Avenue and NW 119 Street, but there are bicycle and pedestrian crashes scattered throughout the neighborhood, indicating the need for a safe route where drivers can expect to see school children walking and crossing the streets.

Many improvements for Meek/Westview involve the installation of crosswalks and sidewalks. There is a crossing guard on NW 22 Avenue, which allows for safer student crossing to reach the school from the west. NW 19th Avenue, a residential street east of the school, needs better pedestrian facilities in order to be a Safe Route.

Meek/Westview K-8 Center: Safe Route Map



Meek/Westview K-8 Center: Infrastructure Recommendations

School	Miami Gardens Elementary
	
Enrollment	302
Estimated percent of Students living within 0.5 miles of school	62%
Estimated percent of students walking/biking	10%
Recommendations	Sidewalks, crosswalks, signage, bike racks
Estimated cost of recommendations	$146,152.00

2015 Parent Survey Feedback

"My child only walks to school with me, his mother, or is dropped off by a family member."

"I sometimes walk to school with his bike so he can ride the bike back home for exercise and fun, but never alone, only with me."

"Safety and distance are the overall factors in determining to allow my child to walk to school."

Miami Gardens Elementary: Observations and Recommendations

Missing pedestrian railing along canal

No bike racks

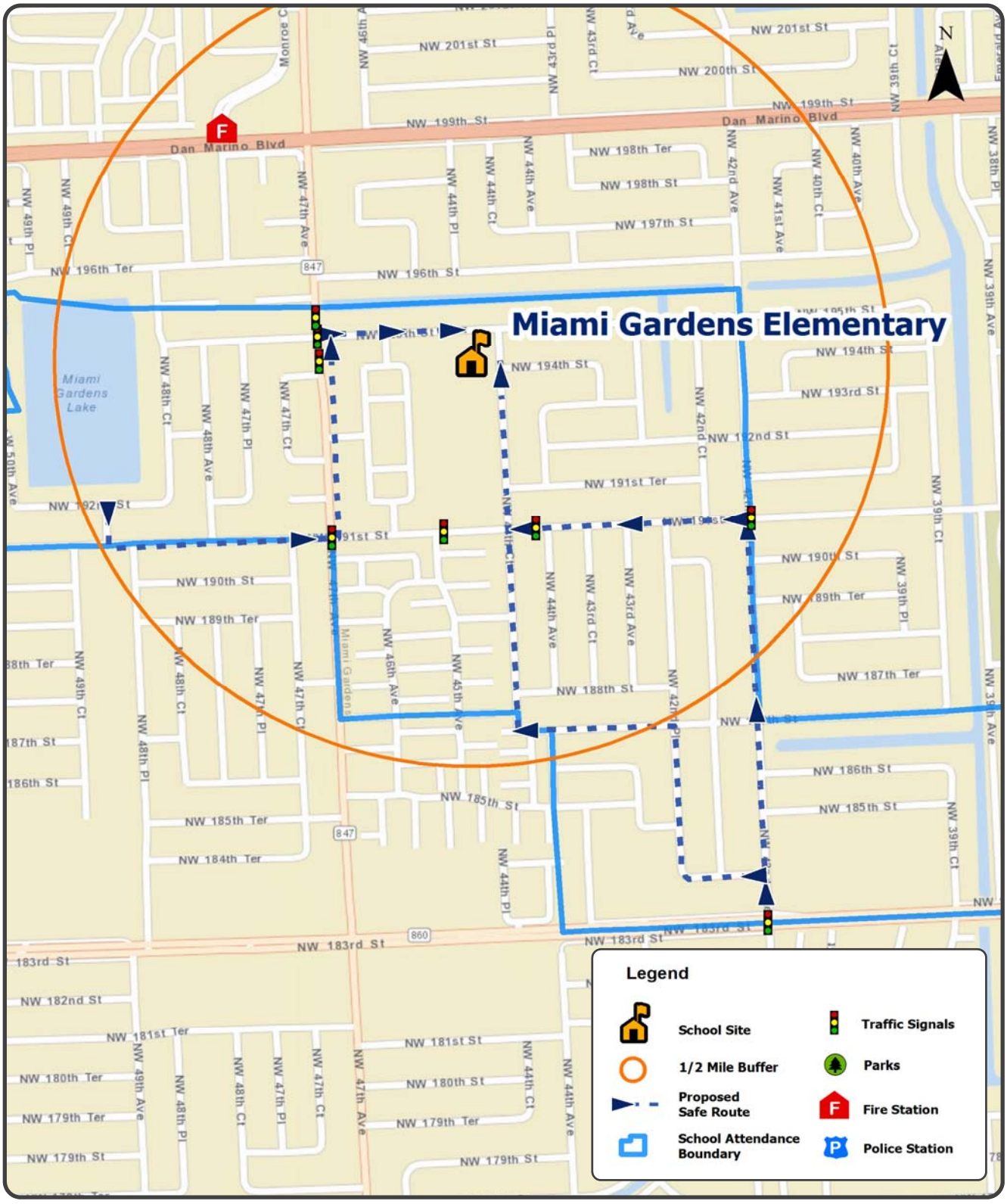
Missing curb ramps and pavement markings

Observations were that a vast majority of students were bused or dropped off at the school in vehicles. The crossing guard at the east side of the school indicated that there is a need for designated, on-site pick up drop off. All students who walk, bike, or take the bus must walk from 195th Street to the school's main entrance. All drop-off and pickup, as well as bus access and egress occurs off-site on local roads. It was observed that students are dropped on NW 195 Street and picked up on NW 44 Court. Walking conditions can be improved for all students by providing an ADA accessible, clearly defined drop-off and pickup location for students being driven and riding the bus.

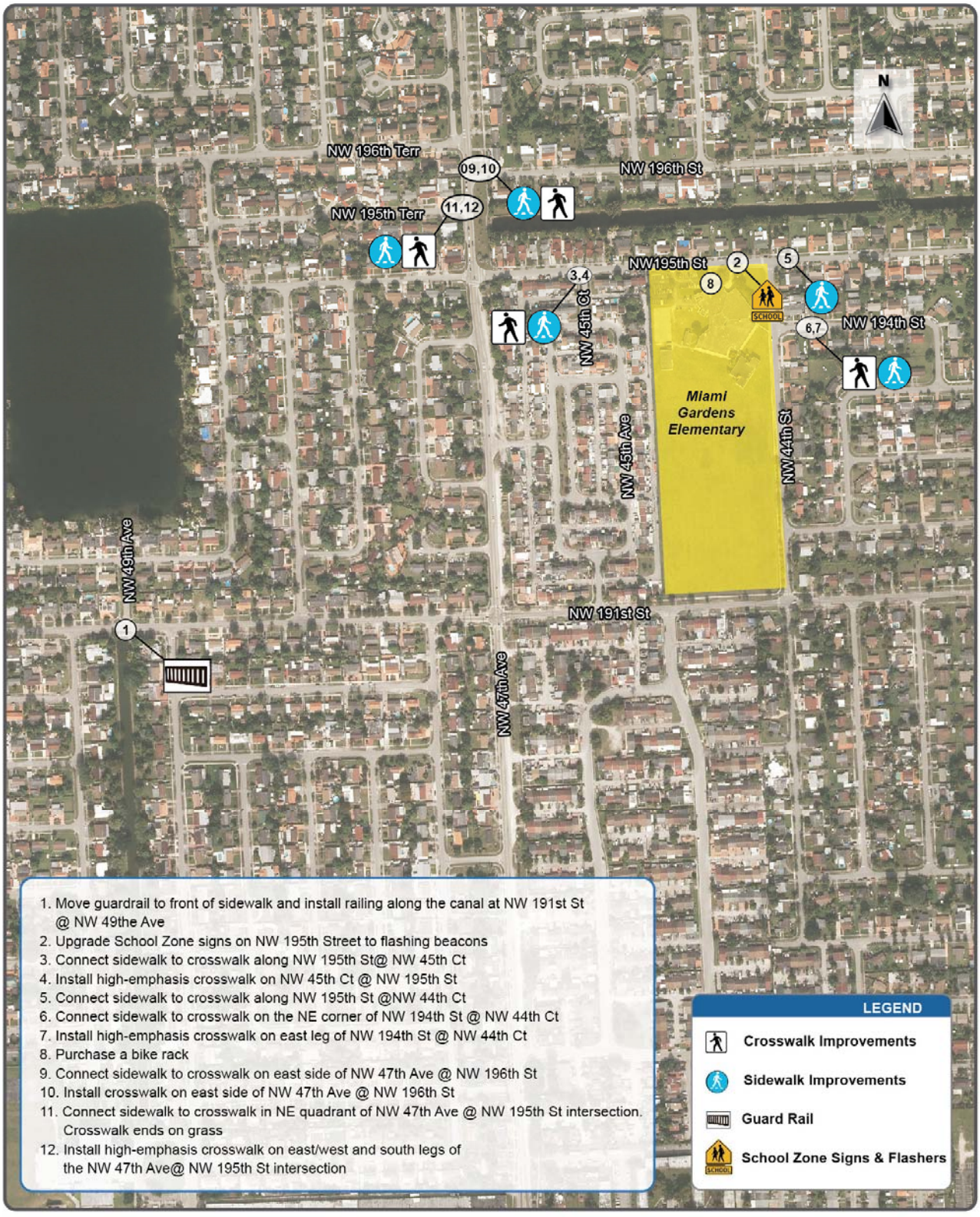
The 2010-2014 crash history for streets within the attendance boundary indicate that there are very few crashes within the area. The few pedestrian crashes that occurred were along NW 37 Ave, which is a major arterial.

Many recommendations for Miami Gardens Elementary are for the installation of sidewalks and crosswalks. Two other unique needs were identified based on observations. A student was observed riding their bike to school and then chaining his bike to a fence, indicating the need for a bicycle rack. In addition, a sidewalk crossing over a canal was observed to have a very low guardrail. The recommendation to fix this safety issue is to relocate the guardrail and install a pedestrian railing.

Miami Gardens Elementary: Safe Route Map



Miami Gardens Elementary: Infrastructure Recommendations



School	Myrtle Grove K-8 Center
	
Enrollment	652
Estimated percent of Students living within 0.5 miles of school	61%
Estimated percent of students walking/biking	60%
Recommendations	Sidewalks, crosswalks, signage, traffic signal
Estimated cost of recommendations	$122,356.00

2015 Parent Survey Feedback

"The people in this world today makes it hard to allow your child/children to do anything alone."

Myrtle Grove K-8 Center: Observations and Recommendations

Need high-emphasis crosswalks

Missing school signage

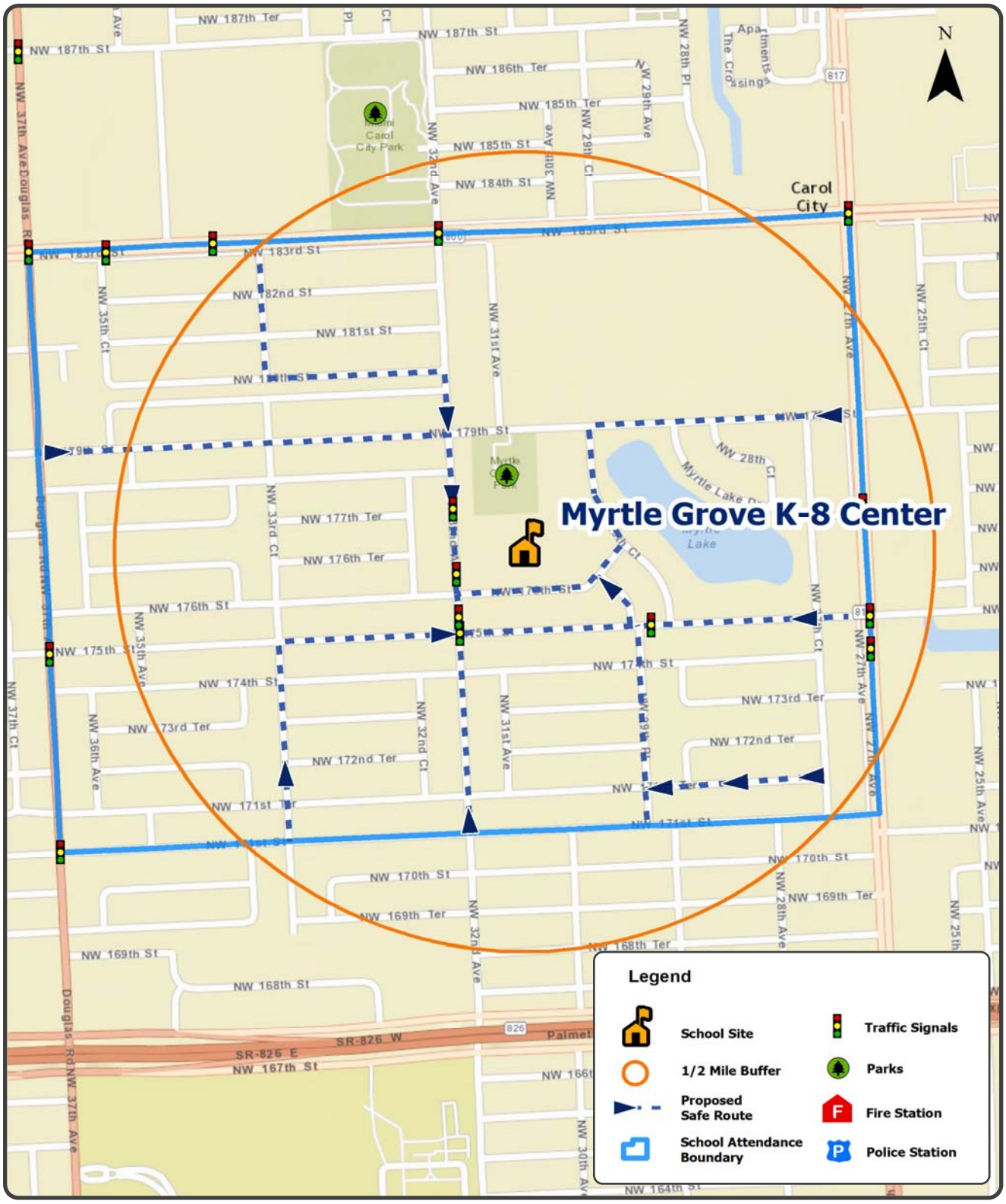
Based on the percentage estimates, most students that live within a half mile walking distance of the school. It was observed that many cars speed along NW 29 Court. It is not very apparent that a school is nearby, due to the school's location away from NW 29 Court. More visible signs or speed enforcement along NW 29 Court may alleviate the speeding issue.

Myrtle Grove has implemented a useful traffic circulation tool by restricting access to NW 176 Street during arrival and dismissal times. NW 176 Street functions as a one-way westbound during arrival and dismissal times, preventing conflicts between cars and pedestrians, and allowing for much smoother drop-off and pick-up operations.

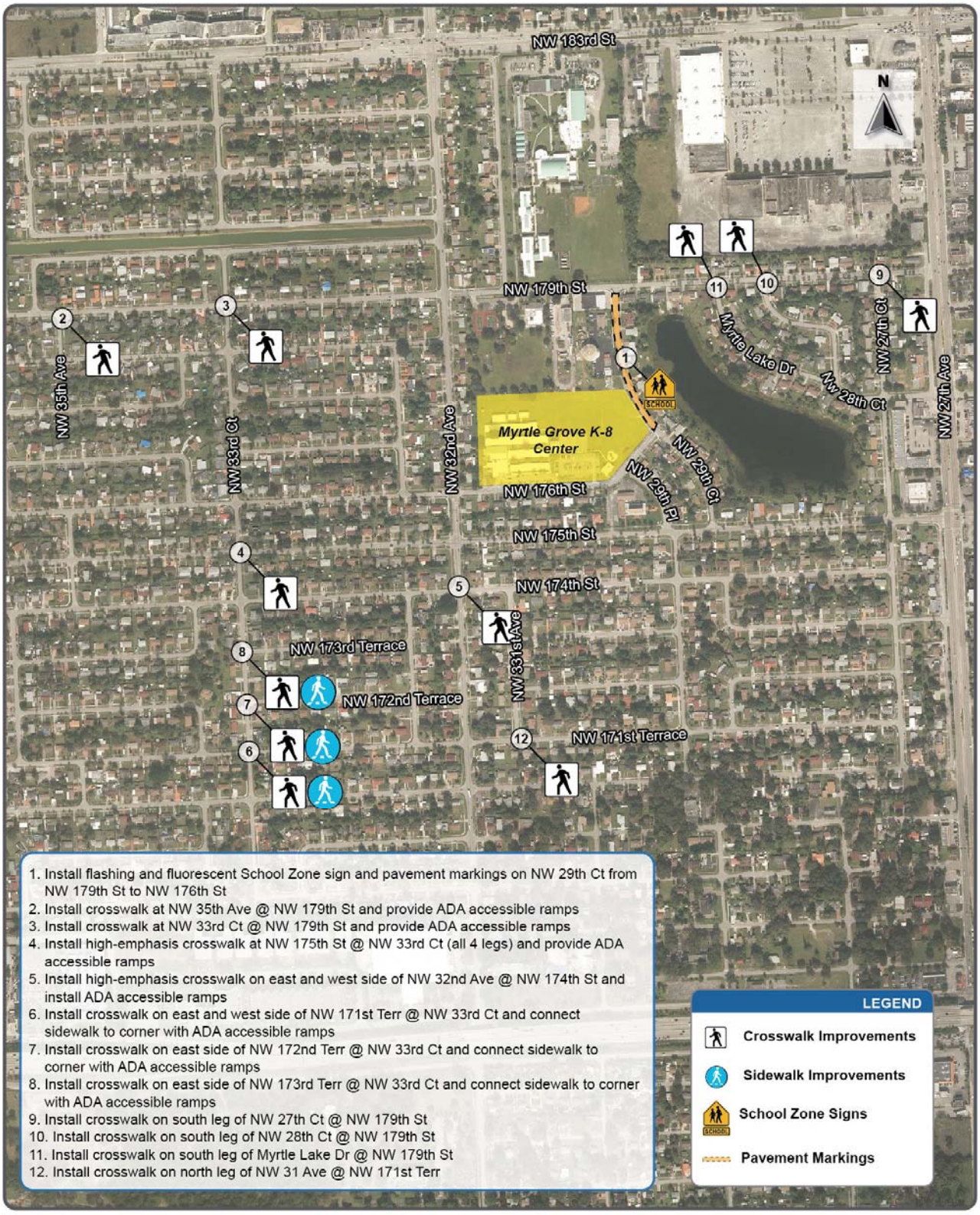
The 2010-2014 crash history for streets within the attendance boundary indicate that most pedestrian and bicycle crashes occur along the arterial streets NW 183 Street and NW 27 Avenue. The intersection of NW 27 Avenue and NE 183 Street has a very high number of pedestrian crashes. There are a few pedestrian and bicycle crashes recorded within the neighborhood.

Most improvements for Myrtle Grove involve the installation of crosswalks in order to improve the proposed Safe Route. In addition, a recommendation was made to install flashers along NW 29 Court to more clearly identify that street as part of the school zone.

Myrtle Grove K-8 Center: Safe Route Map



Myrtle Grove K-8 Center: Infrastructure Recommendations



School	North Twin Lakes Elementary

Enrollment	531
Estimated percent of Students living within 0.5 miles of school	86%
Estimated percent of students walking/biking	25%
Recommendations	Crosswalks, signage
Estimated cost of recommendations	$83,745

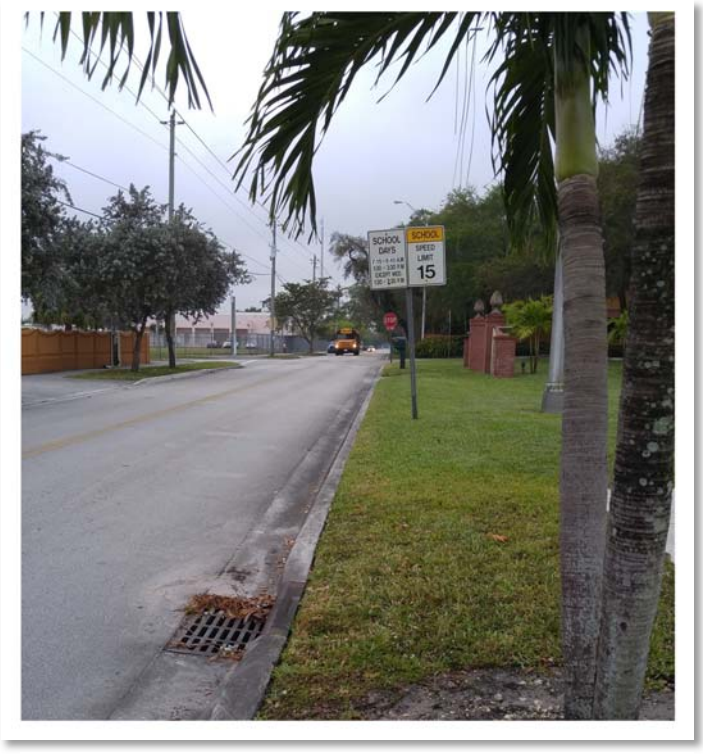
2015 Parent Survey Feedback

Question: Would you let your child walk or bike to/from school if this were changed or improved? Top 3 'Yes' responses below…

1. Adults to walk/bike with 2. Sidewalks/pathways 3. Safety of Intersections

North Twin Lakes Elementary: Observations and Recommendations

No tactile surfaces



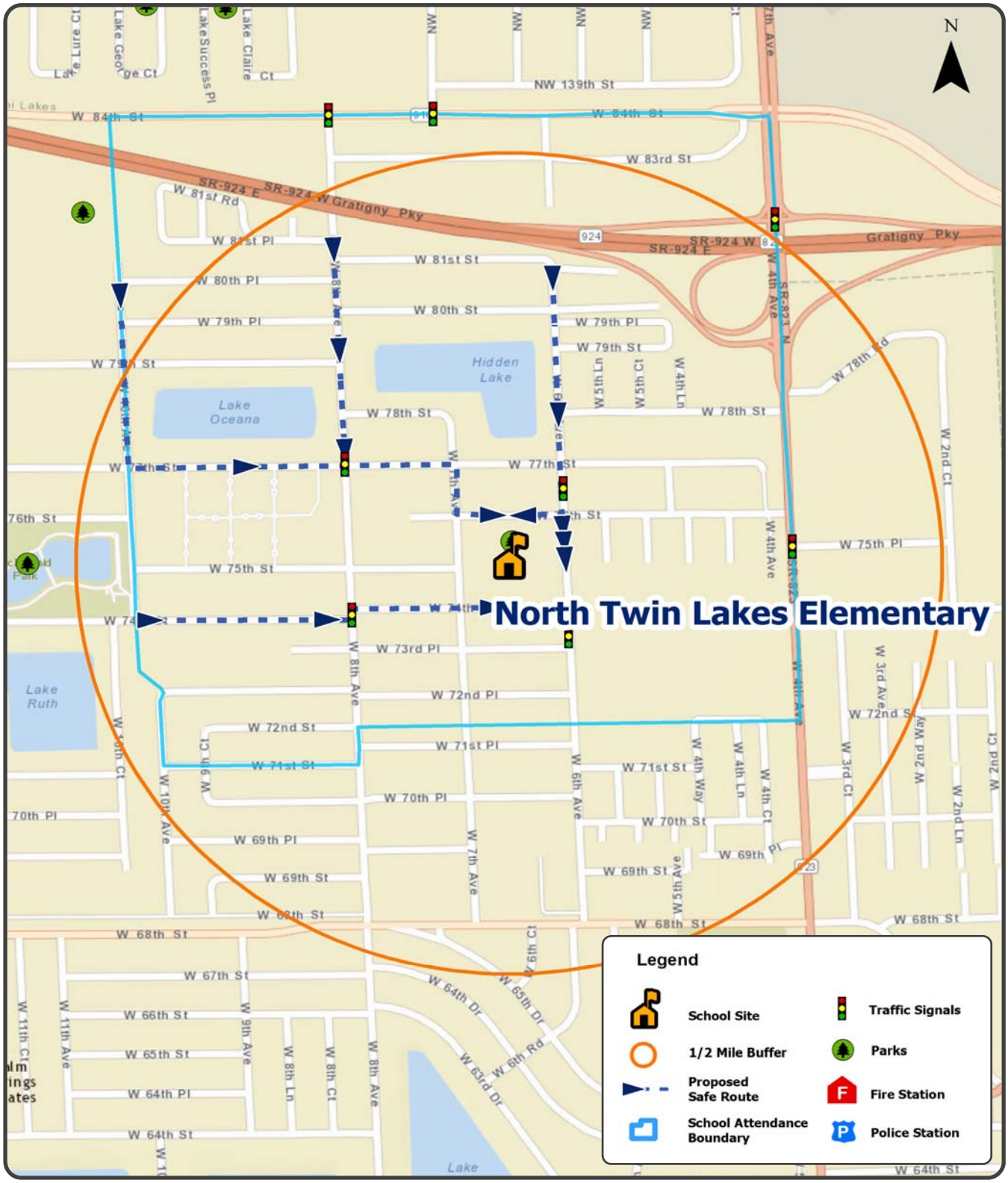
Need updated school zone signs

It was observed that very few students walked to school during arrival time. Many students were dropped off in the drop-off area, or from parking adjacent to the school in the block surrounding the campus.

The 2010-2014 crash history for streets within the attendance boundary indicate that there are very few bicycle and pedestrian crashes in the area.

In general, the recommended improvements for North Twin Lakes Elementary included installing new crosswalks and school zone signs.

North Twin Lakes Elementary: Safe Route Map



North Twin Lakes Elementary: Infrastructure Recommendations

School	Robert R. Moton Elementary

Enrollment	388
Estimated percent of Students living within 0.5 miles of school	66%
Estimated percent of students walking/biking	30%
Recommendations	Sidewalks, crosswalks, signage
Estimated cost of recommendations	$56,348

2015 Parent Survey Feedback

Question: Would you let your child walk or bike to/from school if this were changed or improved? Top 3 'Yes' responses below…

1. Speed of traffic along route 2. Amount of traffic along route
3. Safety of intersections and crossings

Robert R. Moton Elementary: Observations and Recommendations

No crosswalks

No sidewalk connection to crosswalk

No sidewalk connection to crosswalk

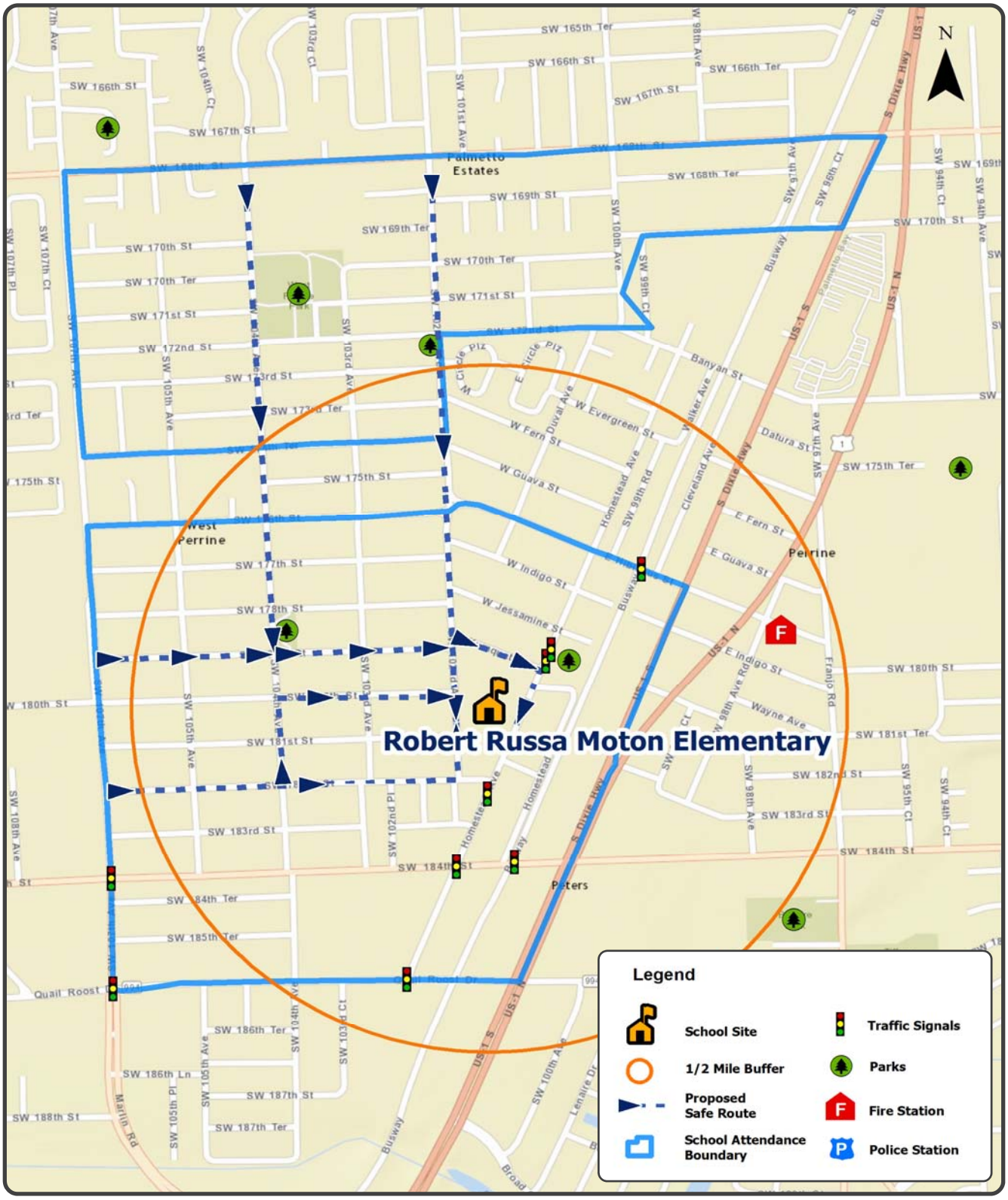
Crossing guards were observed on three intersections adjacent to the school. All crossings were actively used. A crossing guard indicated that many kids are walked to the community center across Homestead Avenue for after-school care.

It was observed and confirmed with the crossing guard at SW 102 Avenue and SW 182 Street, that vehicles frequently do not stop for her at the T-intersection. Also, speeding was observed through the school zones adjacent to the school. Speeding was most prevalent in the school zone on the west side of the school along SW 102 Avenue. This is of particular concern because there is a marked mid-block crosswalk on this street with no crossing guard.

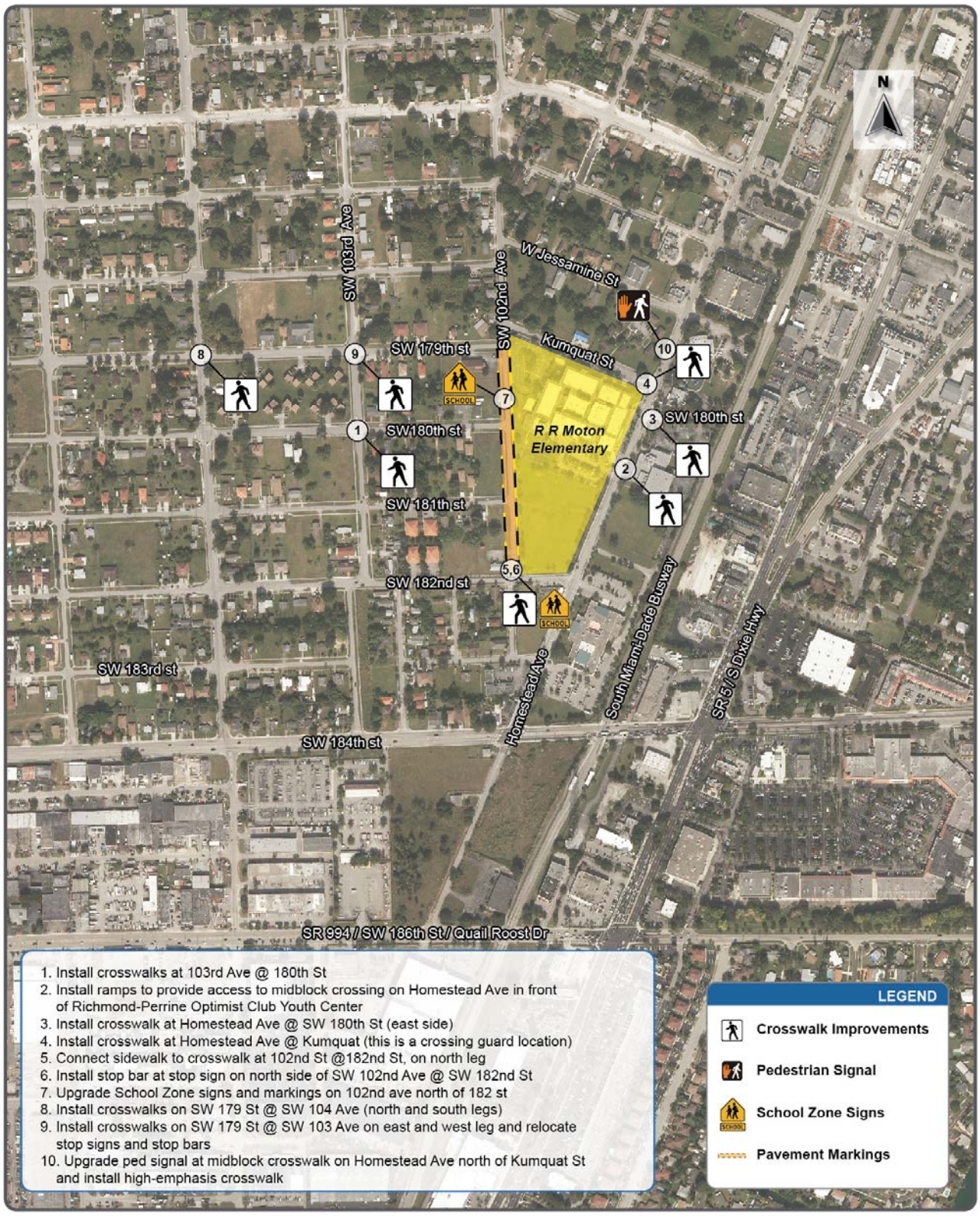
The 2010-2014 crash history for streets within the attendance boundary indicate that most pedestrian and bicycle crashes occur along SW 184 Street and South Dixie Hwy. There are very few bicycle and pedestrian crashes within the neighborhood.

Most recommendations for R.R. Moton Elementary include installation of crosswalks. There is also the need to improve pedestrian crossings on Homestead Avenue to provide better access to the community center. While the attendance boundary for R.R. Moton is rather large, most of the recommended improvements for this school are in the immediate vicinity of the campus.

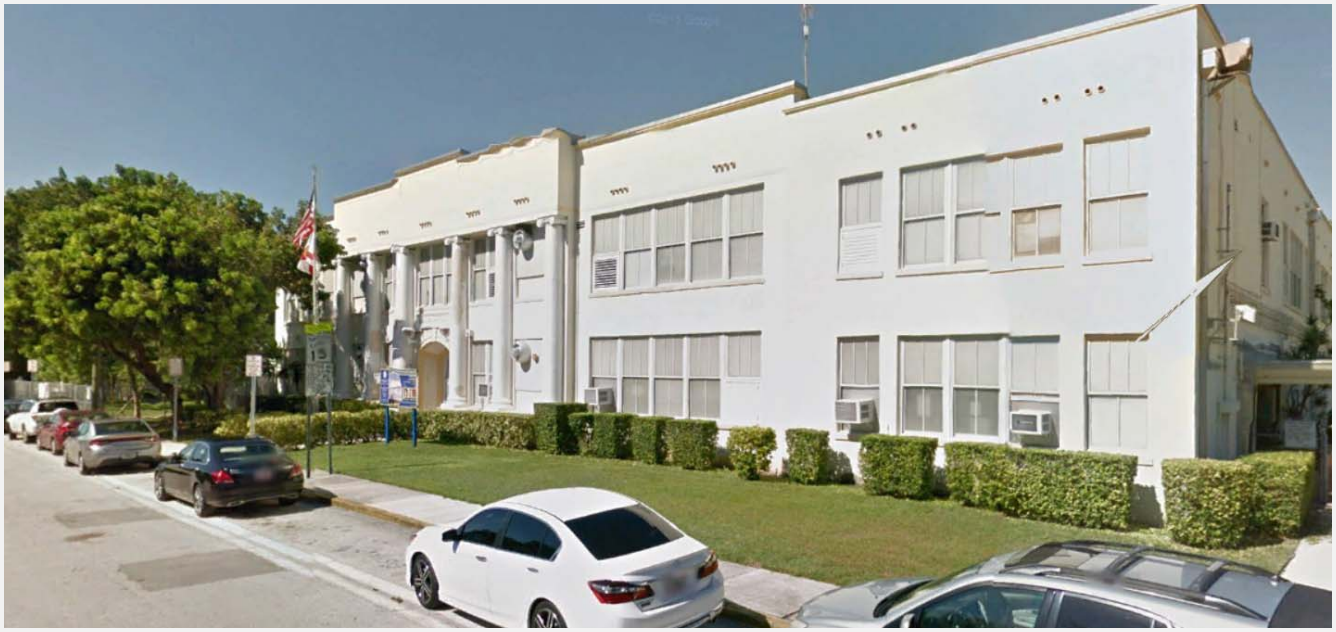
Robert R. Moton Elementary: Safe Route Map



Robert R. Moton Elementary: Infrastructure Recommendations



School	Shadowlawn Elementary



Enrollment	230
Estimated percent of Students living within 0.5 miles of school	84%
Estimated percent of students walking/biking	25%
Recommendations	Sidewalks, crosswalks, signage
Estimated cost of recommendations	$83,956.00

2015 Parent Survey Feedback

Question: Would you let your child walk or bike to/from school if this were changed or improved? Top 3 'Yes' responses below…

1. Speed of traffic along route *2. Amount of traffic along route*
3. Safety of intersections

Shadowlawn Elementary: Observations and Recommendations

No crosswalks

Need high-emphasis crosswalks

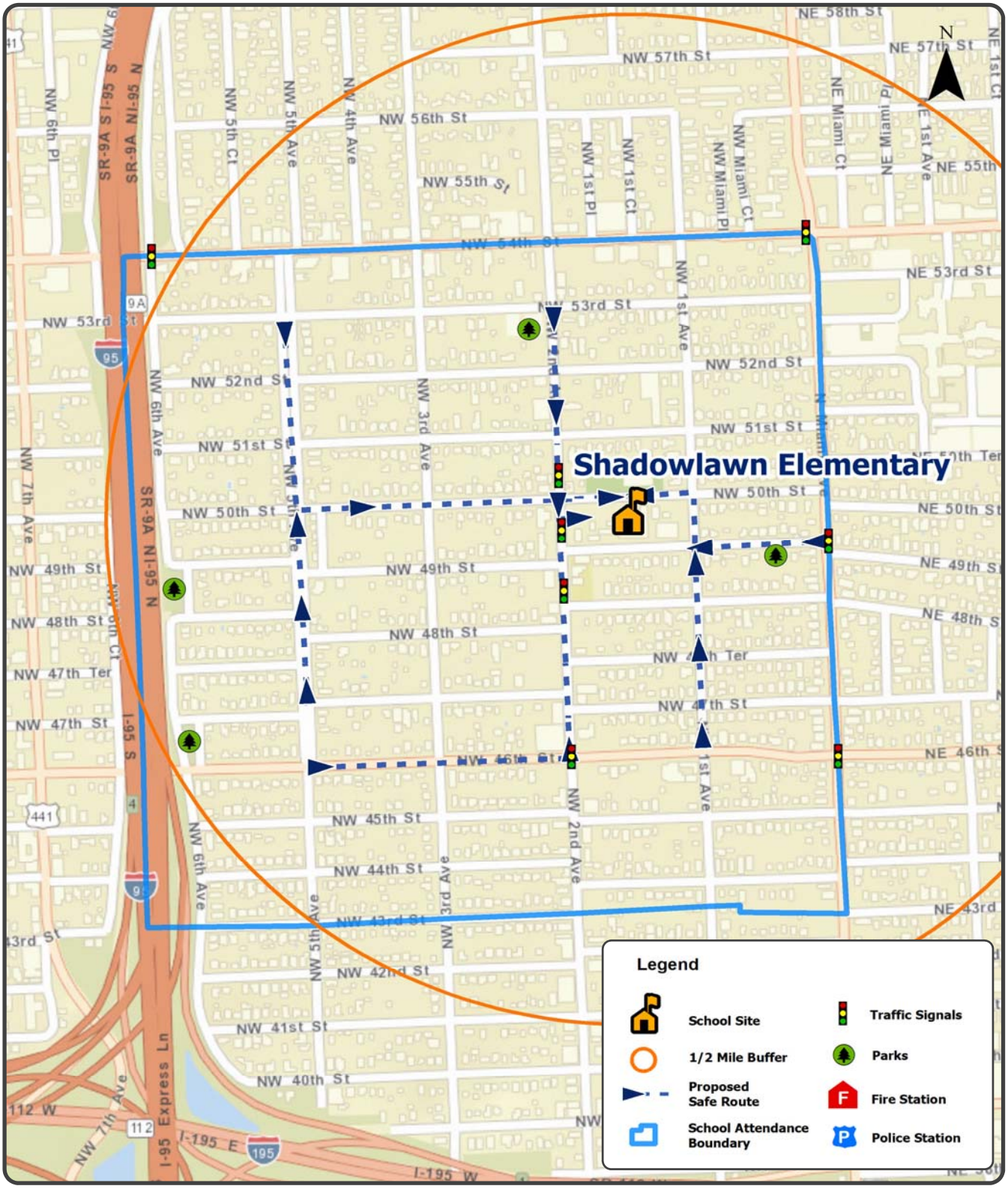
While a high percentage of students live within a half mile of the school, relatively few students walk or bike to school. NW 2 Avenue carries significant vehicular traffic and runs in front of the school, creating a crossing hazard for students that live west of that street and need to cross it. In addition, speeding through the school zone on NW 2 Avenue was observed.

A discussion with the crossing guard in front of the school on NW 2 Ave confirmed concerns about speeding through the school zone on that street. Aside from NW 2 Ave, the rest of the area surrounding the school is predominantly residential.

The 2010-2014 crash history for streets within the attendance boundary indicate that there are several pedestrian crashes that occurred within the neighborhood. There are very few bicycle crashes.

Most recommendations for Shadowlawn Elementary are for installing crosswalks along NW 1 Ave in order to make the recommended Safe Route better for students. In addition, improvements to the intersection of Miami Avenue and NW 48 Street were recommended to facilitate the ability of students coming from east of Miami Avenue to safely cross.

Shadowlawn Elementary: Safe Route Map



Shadowlawn Elementary: Infrastructure Recommendations

School	Florida City Elementary

Enrollment	844
Estimated percent of Students living within 0.5 miles of school	50%
Estimated percent of students walking/biking	50%
Recommendations	Sidewalks, crosswalks, signage, traffic signal
Estimated cost of recommendations	$406,421.00

2015 Parent Survey Feedback

Question: At what grade would you allow your child to walk or bike to/from school without an adult?

"I would not feel comfortable at any grade."

Florida City Elementary: Observations and Recommendations

Discontinuous sidewalk

No sidewalks

No crosswalks

No pavement markings

It was observed that many parents drop their students on the corner at NW 4 Street, with the crossing guard in front of the school. Few students were dropped off along NW 6 Ave in the parking area.

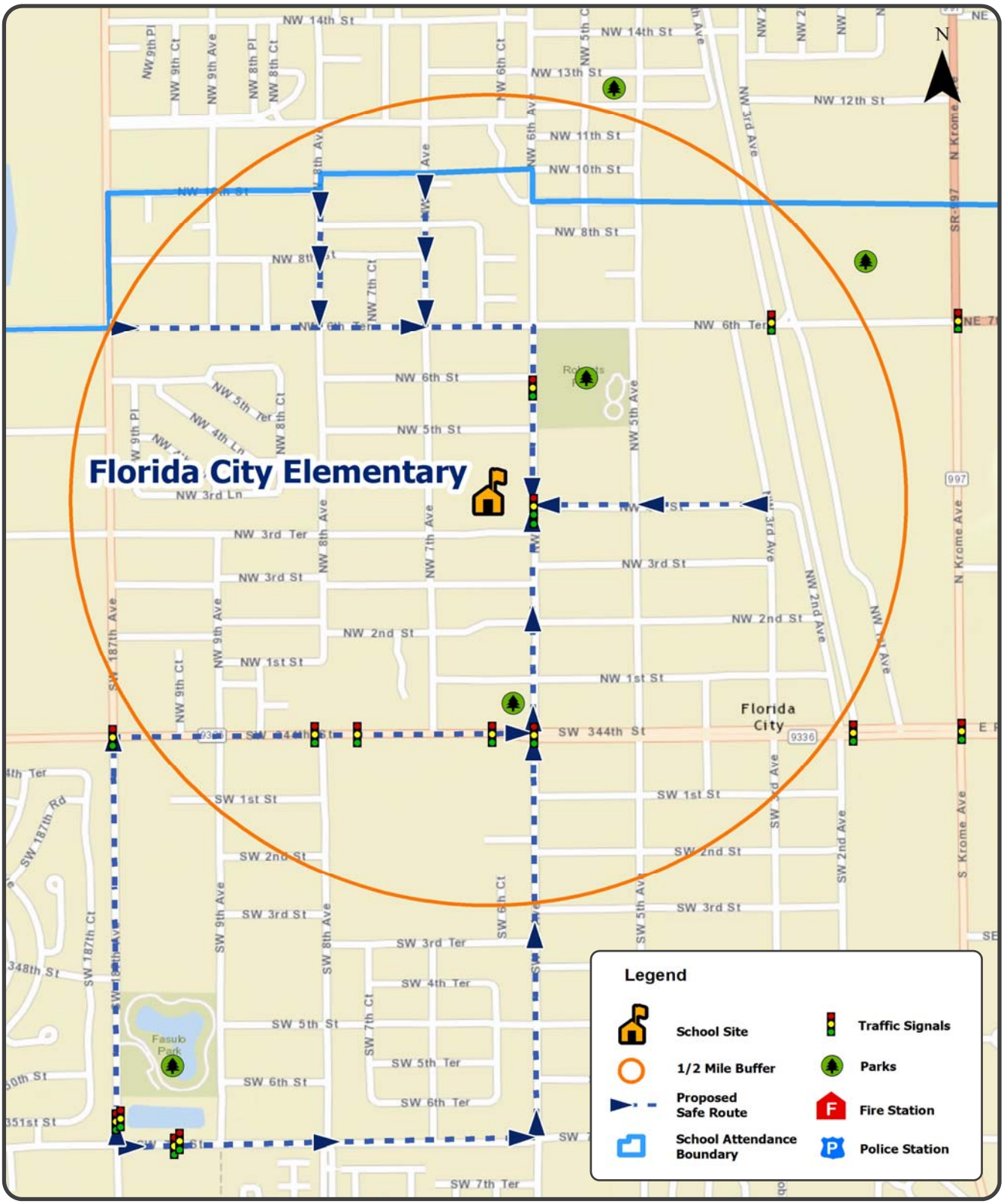
The crossing guard at the signal in front of Florida City Elementary School discussed a history and trend of issues with cars speeding through the school zone in front of the school on NW 6 Ave. She also indicated the same problem in the school zone on the west side of the school on NW 7 Ave. Speeding was observed in the school zones.

Students were observed as far south as SW 352 Street, and recommendations were made for improving the sidewalk network south of SW 344 Street in order to provide a Safe Route.

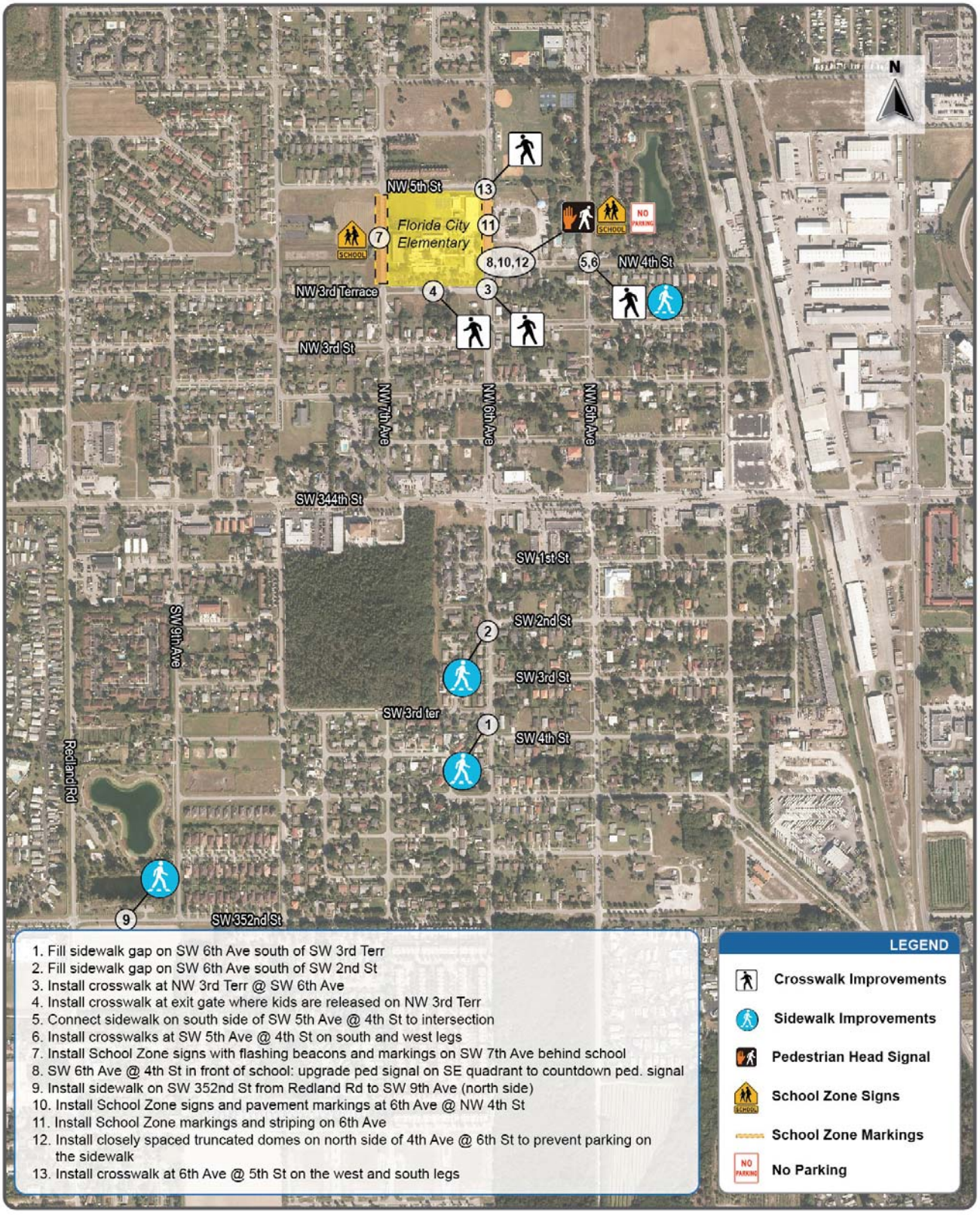
The 2010-2014 crash history for streets within the attendance boundary indicate that there are several pedestrian crashes that occurred within the neighborhood. There is not a trend of bicycle or pedestrian crashes in the immediate vicinity of the school.

Sidewalk gaps were observed along various streets along the proposed Safe Route. Many sidewalk gaps were observed south of SW 344 Street. Basic improvements to the striping and markings in the immediate vicinity of the school can greatly increase safety for students that walk.

Florida City Elementary: Safe Route Map



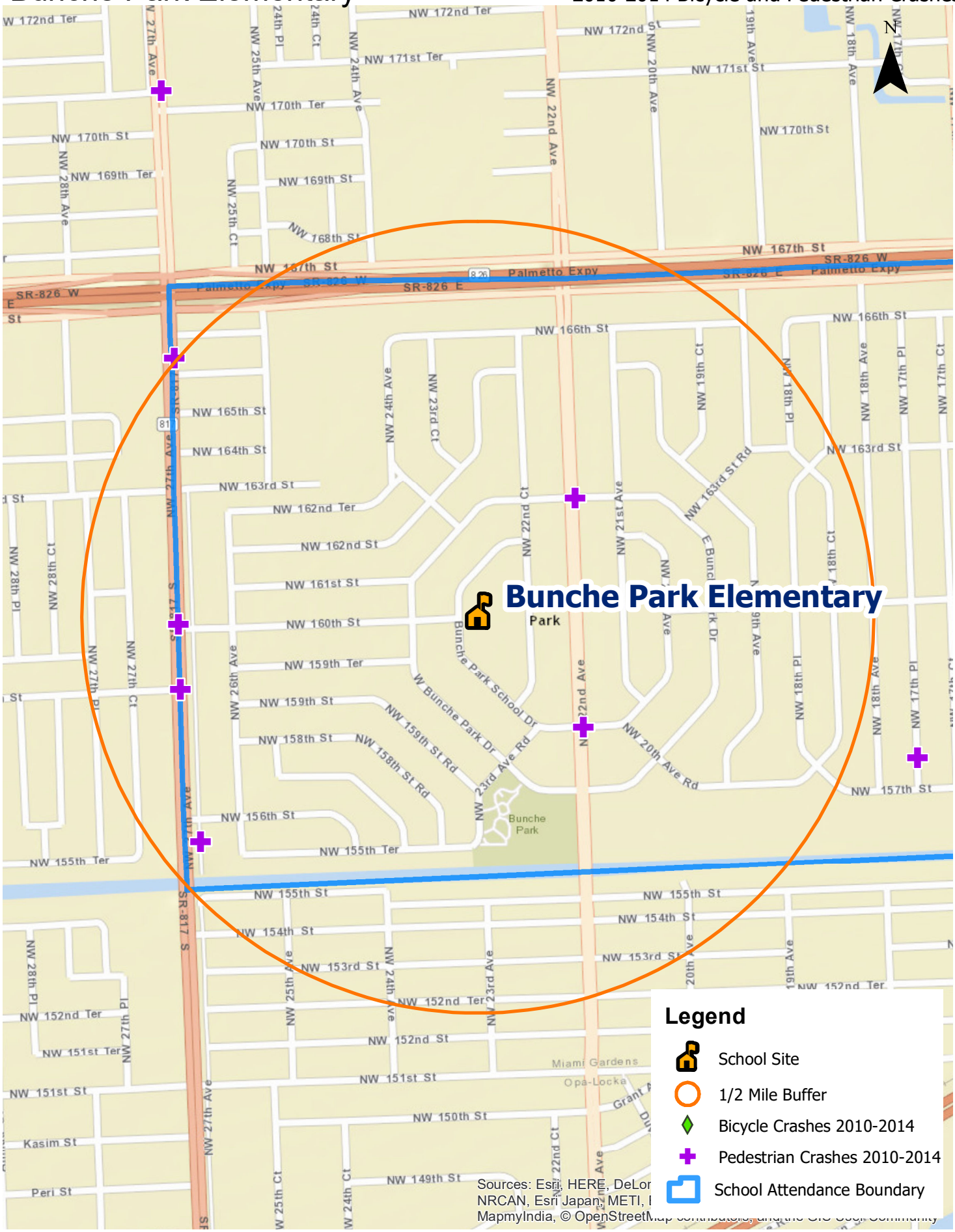
Florida City Elementary: Infrastructure Recommendations



Appendix A: Crash Data

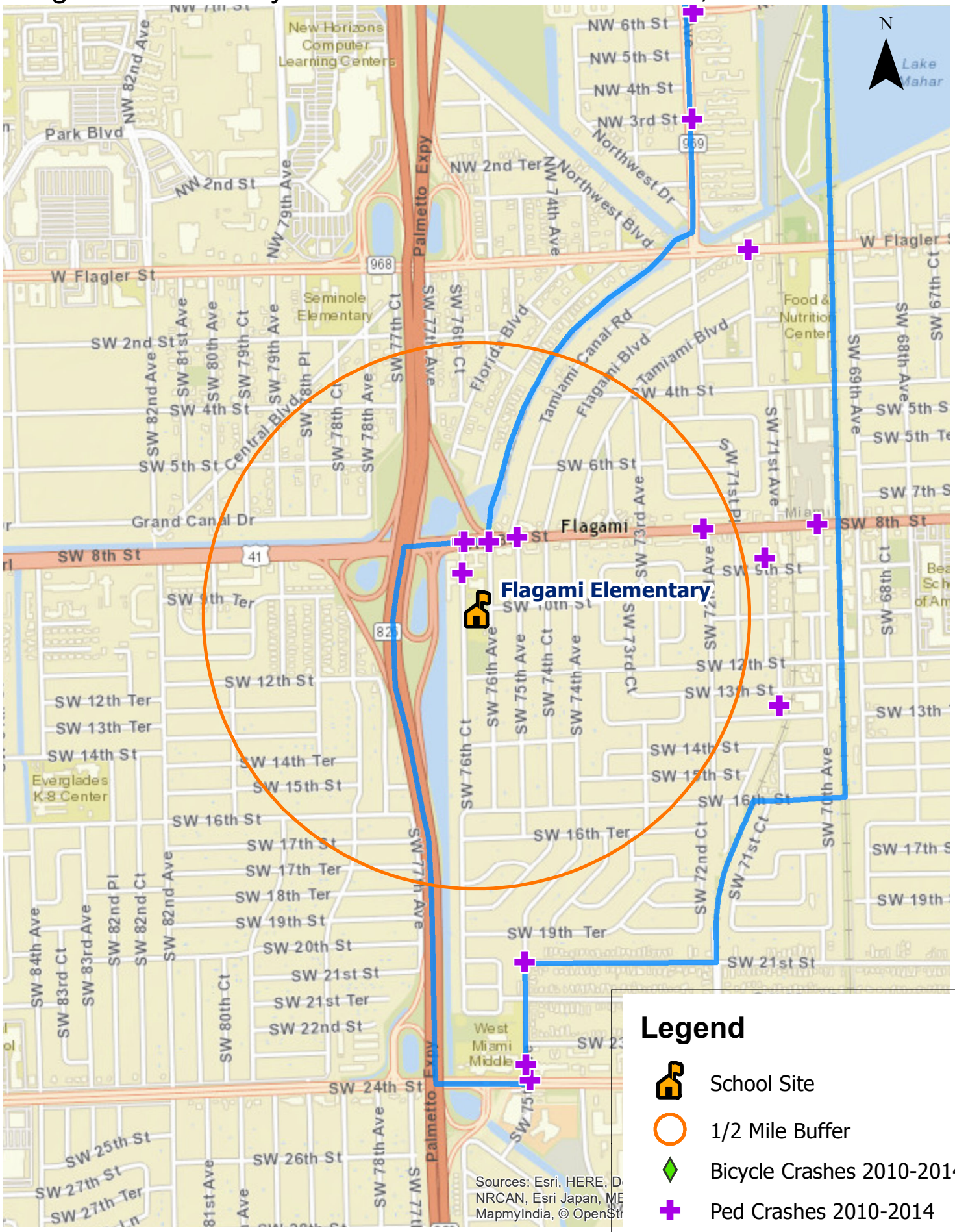
Bunche Park Elementary

2010-2014 Bicycle and Pedestrian Crashes



Flagami Elementary

2010-2014 Bicycle and Pedestrian Crashes

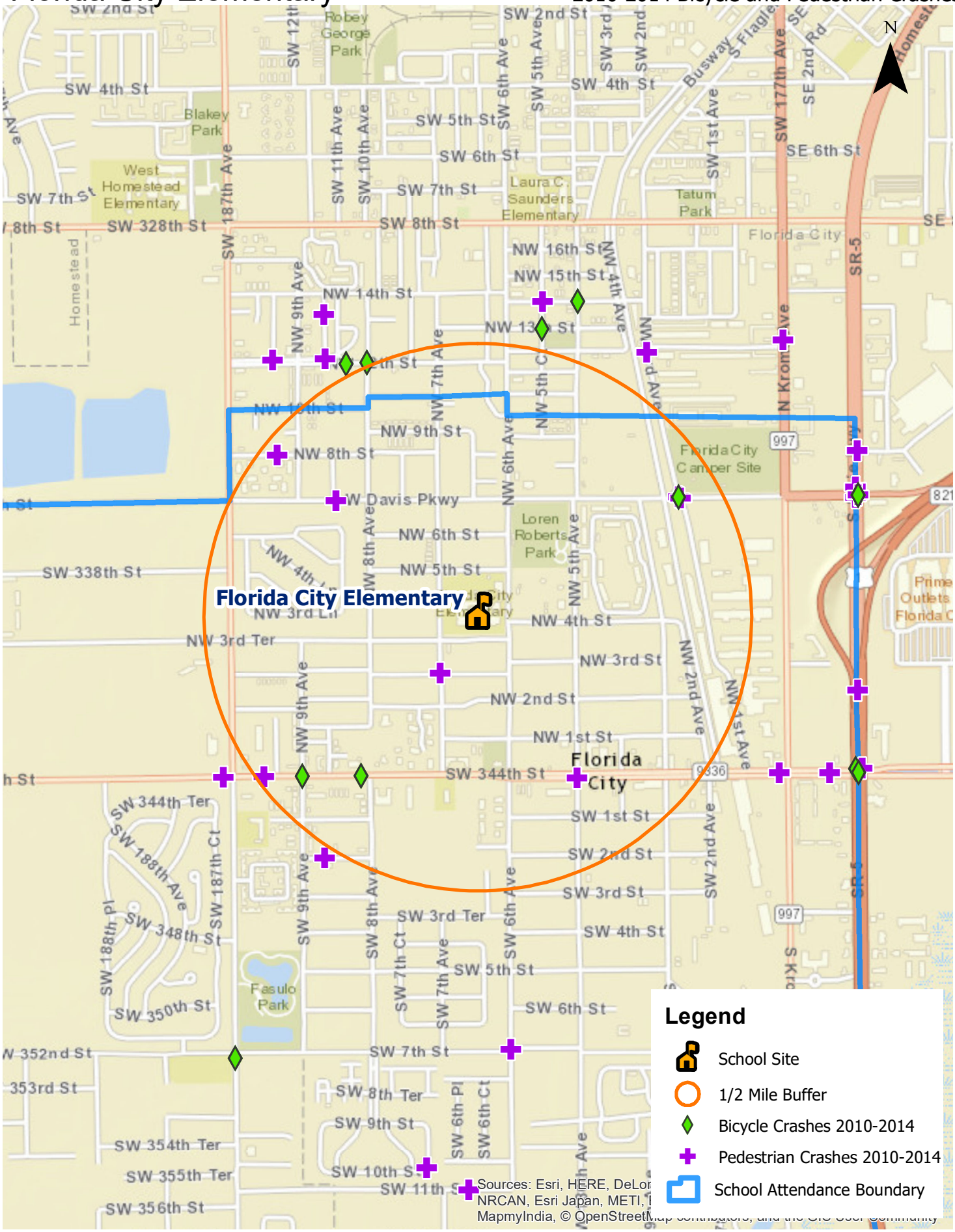


Legend

- School Site
- 1/2 Mile Buffer
- Bicycle Crashes 2010-2014
- Ped Crashes 2010-2014
- School Attendance Boundary

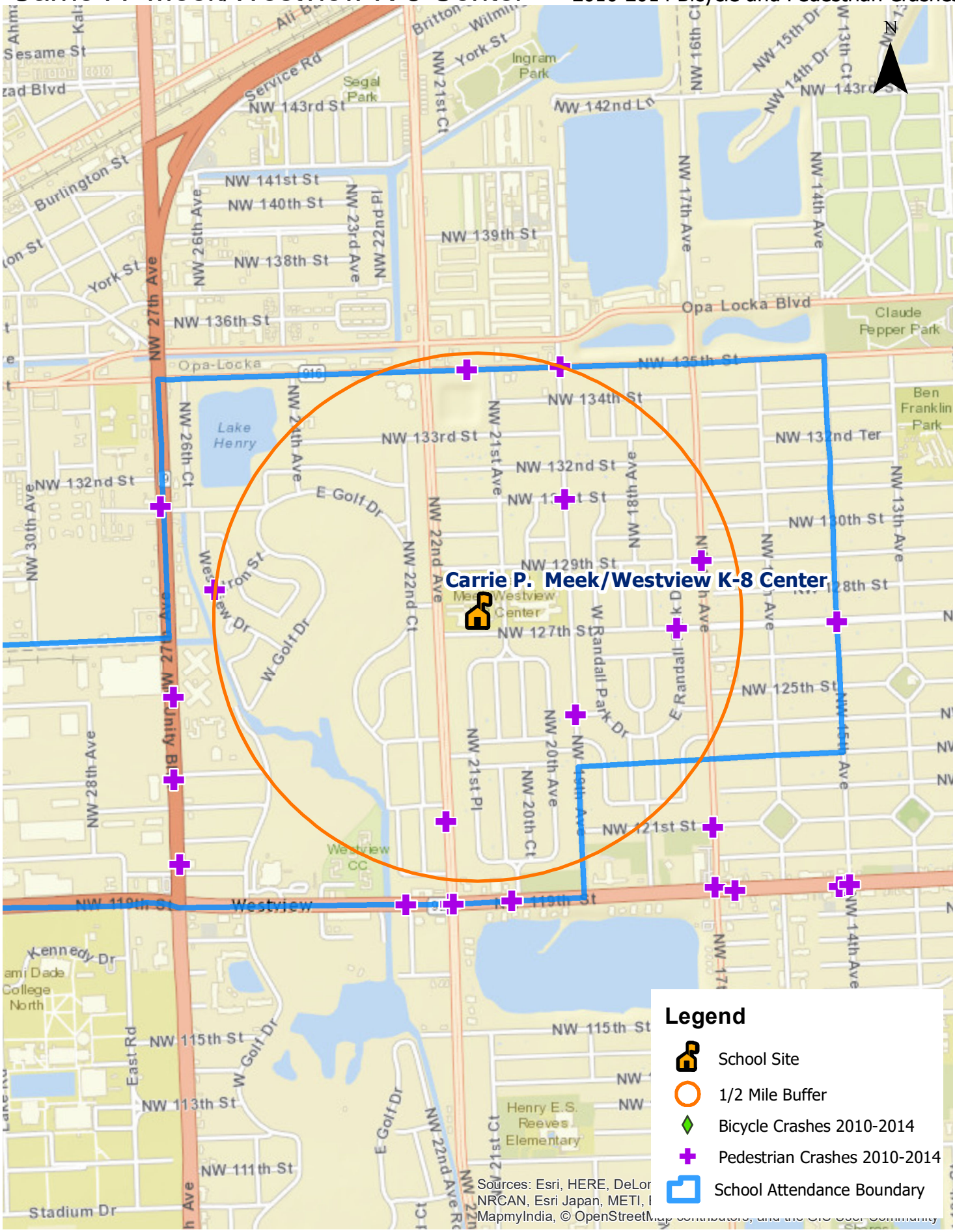
Florida City Elementary

2010-2014 Bicycle and Pedestrian Crashes



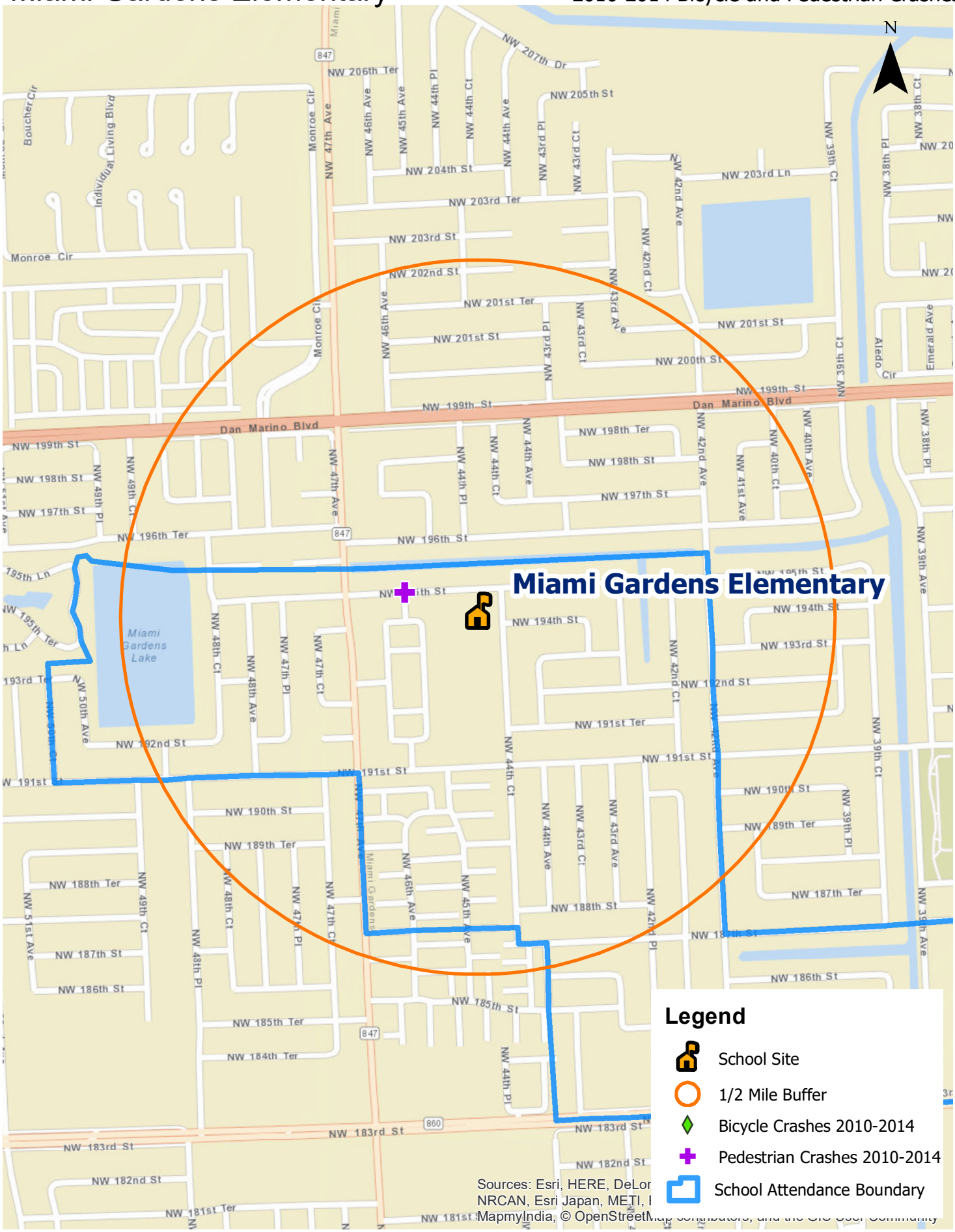
Carrie P. Meek/Westview K-8 Center

2010-2014 Bicycle and Pedestrian Crashes



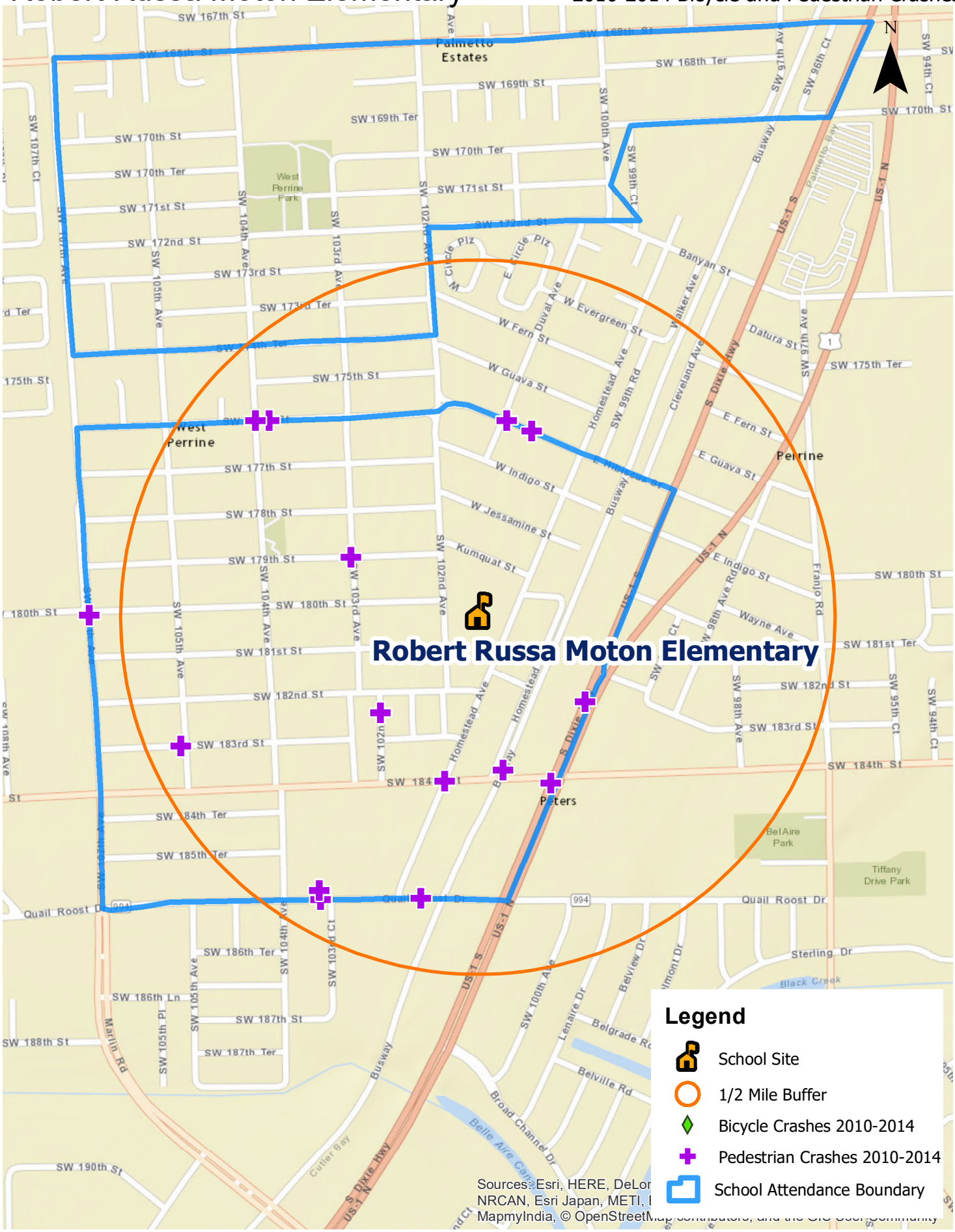
Miami Gardens Elementary

2010-2014 Bicycle and Pedestrian Crashes



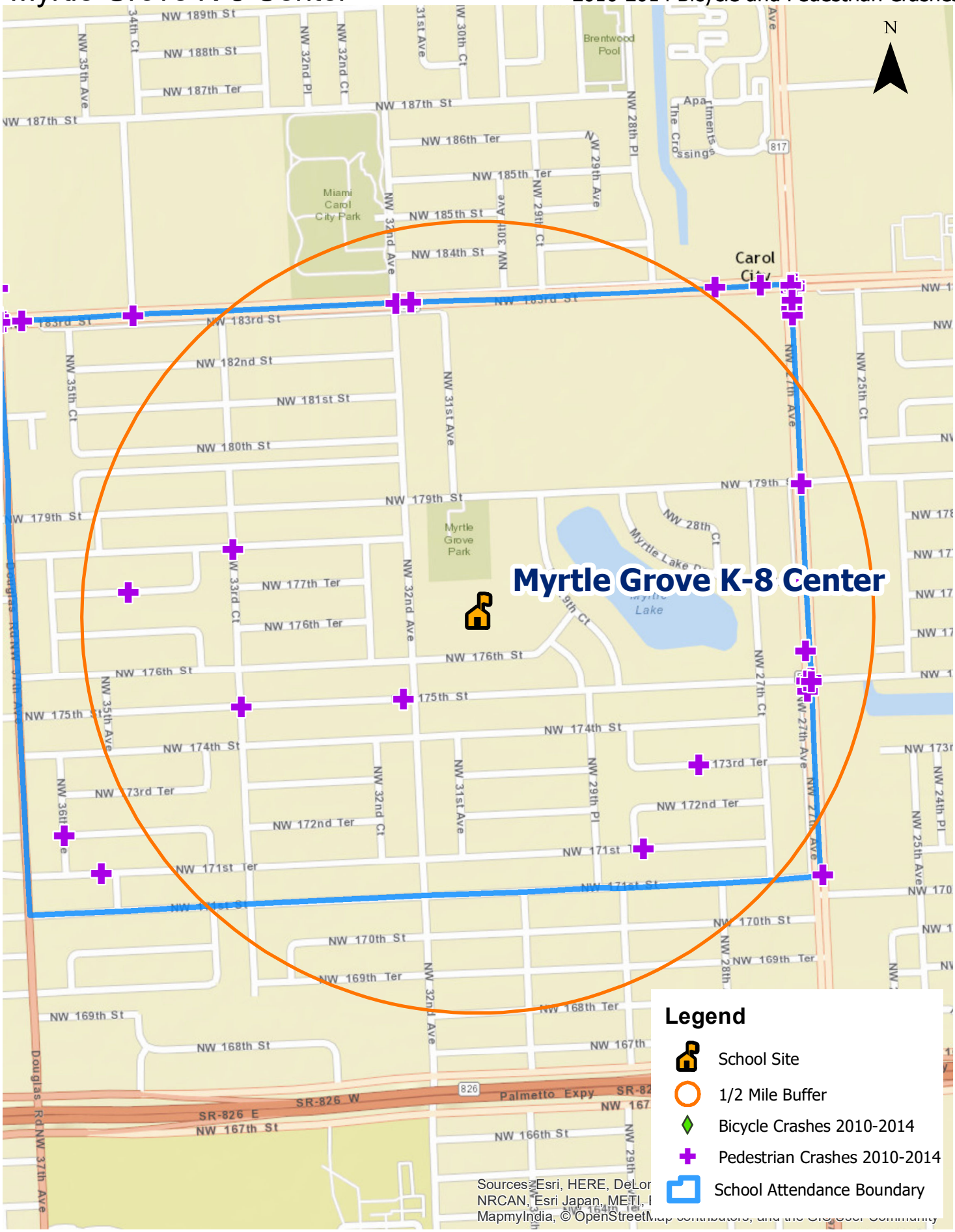
Robert Russa Moton Elementary

2010-2014 Bicycle and Pedestrian Crashes



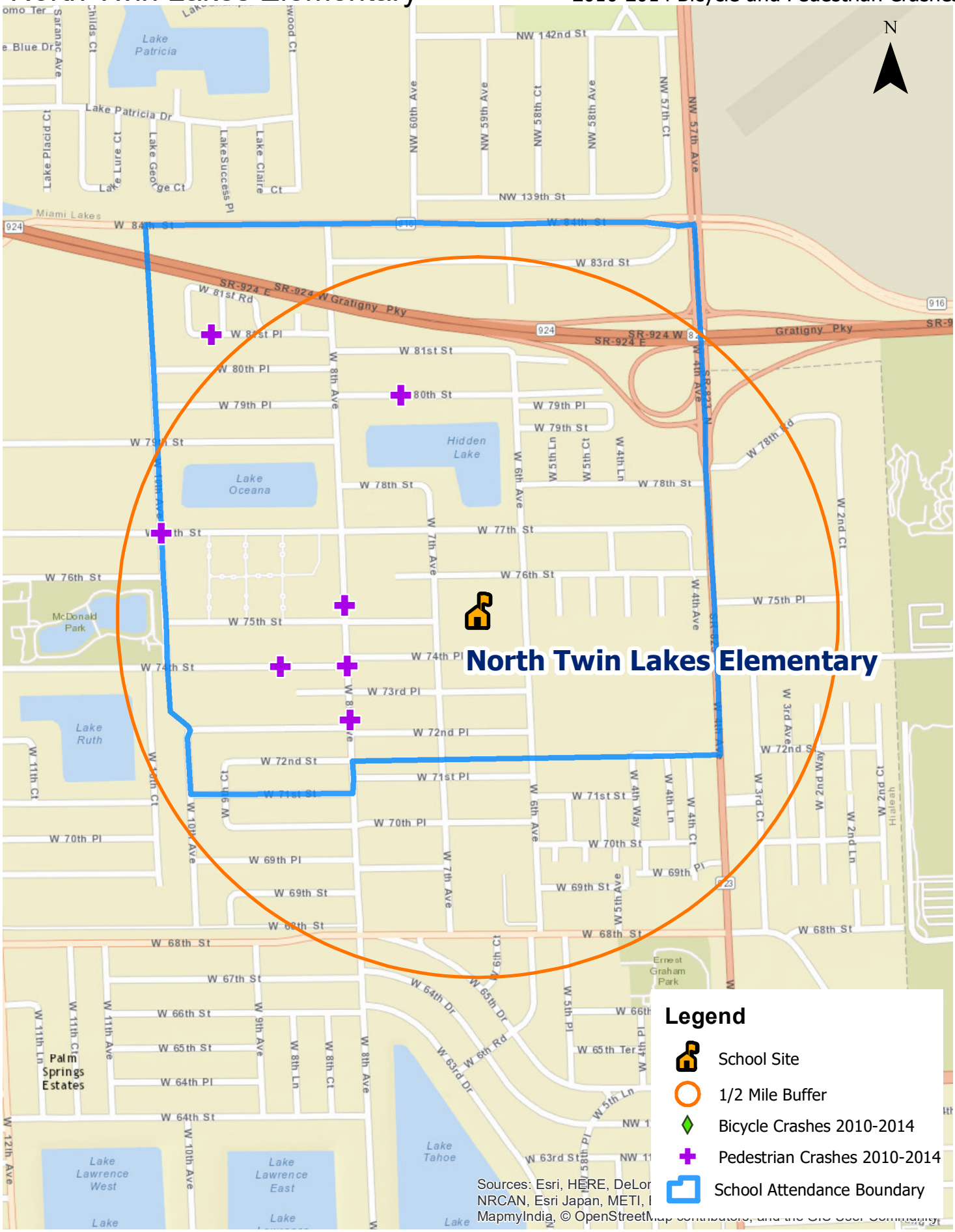
Myrtle Grove K-8 Center

2010-2014 Bicycle and Pedestrian Crashes



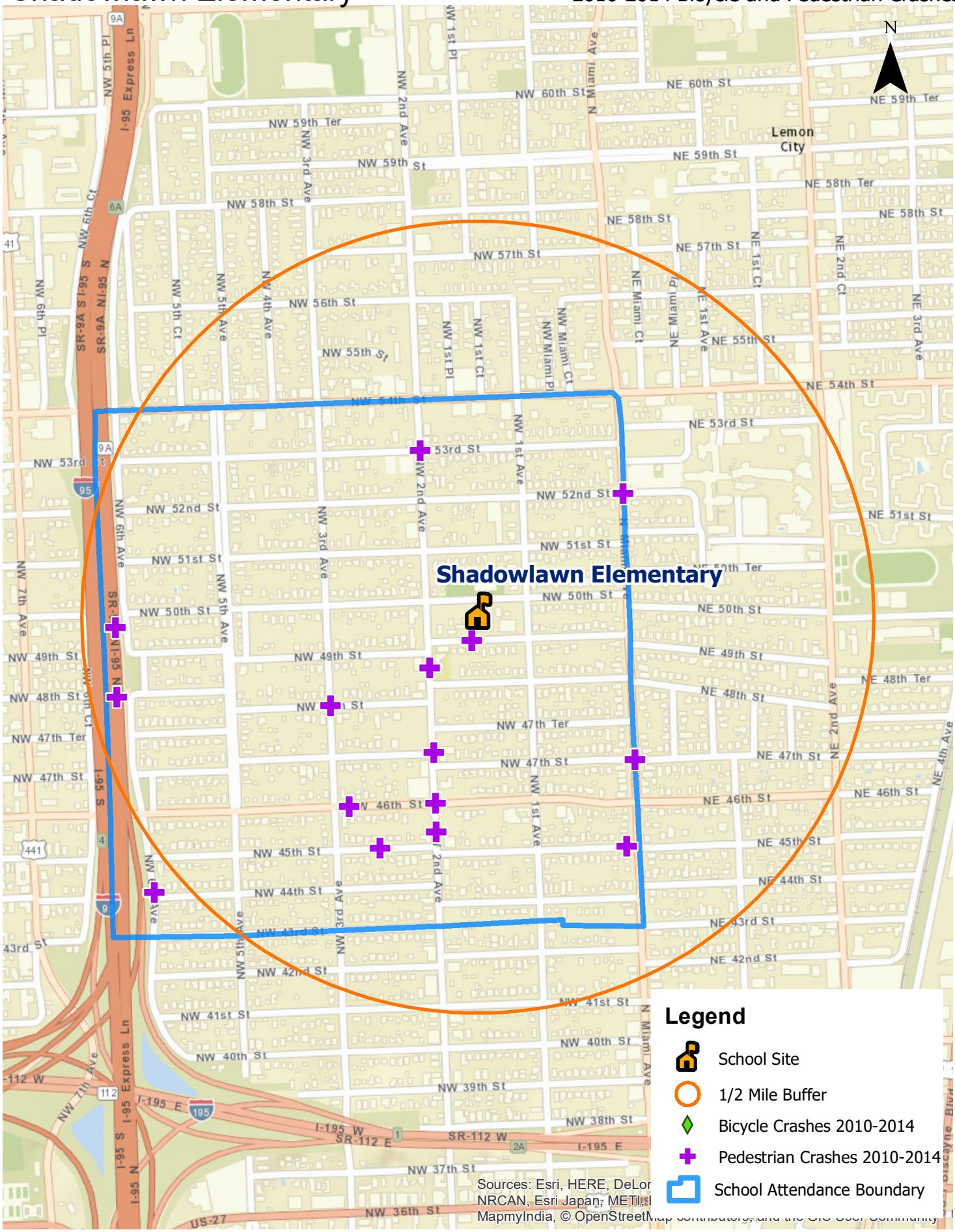
North Twin Lakes Elementary

2010-2014 Bicycle and Pedestrian Crashes



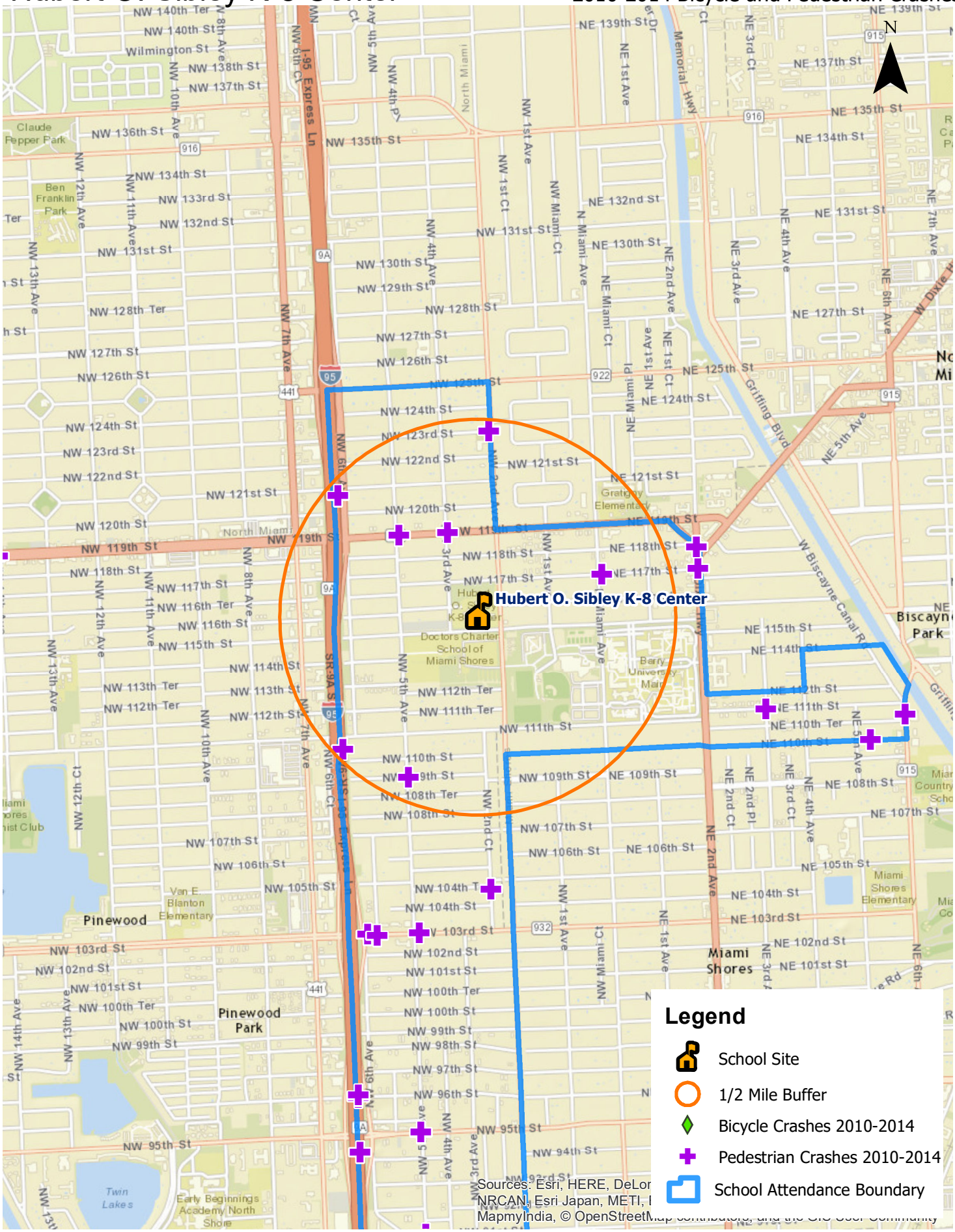
Shadowlawn Elementary

2010-2014 Bicycle and Pedestrian Crashes



Hubert O. Sibley K-8 Center

2010-2014 Bicycle and Pedestrian Crashes



Appendix B: SRTS Grant Applications

Florida's Safe Routes to School Infrastructure Application

Call for Applications

Note: fields will expand as needed

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 the Florida's Safe Routes to School Program. The Maintaining Agency is generally responsible for entering into a Local Agency Program (LAP) agreement with the FDOT to design, construct, and/or maintain the project. 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: **FLORIDA CITY**

School Name: **FLORIDA CITY ELEMENTARY** Congressional District: **FLORIDA 26**

Type: Elementary: ☒ Middle: ☐ High: ☐

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

School Board: ☒ Private School: ☐ Maintaining Agency: ☐

Name of Applicant Agency/Organization: **MIAMI DADE SCHOOL BOARD**

Contact Person: **VIVIAN G. VILLAAMIL** Title: **DIRECTOR TRANSPORTATION PLANNING**

Mailing Address: **OFFICE OF GOVERNMENTAL AFFAIRS & LAND USE**
MIAMI-DADE COUNTY PUBLIC SCHOOLS
1450 N.E. 2ND AVE, ROOM 523, MIAMI, FL 33132

City: **MIAMI** State: **FLORIDA** Zip: **33132**

Daytime Phone: **(305) 995-7287 | FAX (305) 995-4760** E-mail: **VVILLAAMIL@DADESCHOOLS.NET**

Signature: Date: March 29, 2016

Typed name: **VIVIAN G. VILLAAMIL** Title: **DIRECTOR OF TRANSPORTATION PLANNING**

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

Signature: Date: 3/30/16

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: **MIAMI DADE COUNTY** DUNS Number:

Contact Person: **DARLENE FERNANDEZ, PE** Title: **ASSISTANT DIRECTOR OF TRAFFIC SERVICES**

Mailing Address: **MIAMI DADE COUNTY DEPT OF TRANSPORTATION AND PUBLIC WORKS**

Daytime Phone: E-mail:

City: **MIAMI** State: **FLORIDA** Zip:

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: 3/31/16

Typed name: **DARLENE FERNANDEZ, PE** Title: **ASSISTANT DIRECTOR OF TRAFFIC SERVICES**

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

Name of MPO: **MIAMI-DADE METROPOLITAN PLANNING ORGANIZATION**

Contact Person: **DAVID HENDERSON** Title: **BICYCLE PEDESTRIAN ADMINISTRATOR**

Mailing Address: **111 NW 1ST STREET, SUITE 920**

City: **MIAMI** State: **FLORIDA** Zip: **33128**

Daytime Phone: **3053751647** E-mail: **DHENDERSON@MIAMIDADEMPO.GOV**

Signature: David Henderson Date: 3/30/2016

Typed name: **DAVID HENDERSON** Title: **BICYCLE PEDESTRIAN ADMINISTRATOR**

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 and Parent Survey forms 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 Student In-Class Travel Tally and Parent Survey forms 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 **fully** Local Agency Program (LAP) Certified by FDOT? (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 ***Yes,*** *what type certification do you have?* ☐ Planning ☐ Design ☐ Construction ☐ Construction Administration

E. 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 control devices included in this project? ☐ Yes ☐ No
Construct and maintain the project on a state road? ☐ Yes ☐ No ☐ N/A

F. 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? BICYCLE/PEDESTRIAN ADVISORY COMMITTEE
TUESDAY, MARCH 22, 2016, 5:30 P.M.
STEPHEN P CLARK GOVERNMENT CENTER
111 NORTHWEST FIRST STREET, Miami, FL 33128
CONFERENCE room 18-4 (18th floor)

Public Schools CTST Meeting - 2016 SRTS Projects Overview & 2016 Teen Driver Safety Poster & PSA Contest
When: Thursday, March 10, 2016 10:00 AM-12:30 PM (UTC-05:00) Eastern Time (US & Canada).
Where: SBAB Room 559

At the meetings the selection of the 10 schools for the 2016 applications were discussed as well as the process for identifyimg and developing the recommended projects. The meeting attendees were supportive of the school selection and process.

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

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/*

1. Engineering

1A. Past:	**1B. Future:**

2. 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.

2A. Past: SCHOOL IMPLEMENTED THE WALKSAFE CURRICULUM FOR STUDENTS IN GRADES 2ND-5TH GRADE IN THE WEEK PRIOR TO INTERNATIONAL WALK TO SCHOOL DAY	**2B. Future:**

3. Encouragement

3A. Past: SCHOOL PARTICIPATES IN INTERNATIONAL WALK TO SCHOOL DAY. SCHOOL HAS A AAA SCHOOL SAFETY PATROL PROGRAM.	**3B. Future:**

4. Enforcement

4A. Past: SCHOOL HAS A POSITION OR POLICY ABOUT STUDENTS RIDING BICYCLES TO AND/OR FROM SCHOOL. STUDENTS ARE REQUIRED TO WEAR A HELMET WHEN RIDING TO SCHOOL. SCHOOL HAS A POLICY OR POSITION ABOUT WALKING TO AND/OR FROM SCHOOL	**4B. Future:**

5. Evaluation

5A. Past:	**5B. Future:**

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.

A. HAZARDOUS WALKING CONDITIONS

Opportunity to resolve a documented hazardous walking condition and eliminate the resultant school busing.

☐ Yes ☐ No Include a discussion of public support for the project if busing were eliminated:

B. Are many students already walking or bicycling to this school in less than ideal conditions? ☐ Yes ☐ No

If Yes:

- Explain more about the number of students affected:
- Explain more about the conditions/obstacles which prevent walking or bicycling to your school:

C. Are enough students living near the school to allow many to walk or bike to school if conditions were improved?

☒ Yes ☐ No

If Yes:

- Explain more about the number of students living near the school and how this relates to the anticipated success of the proposed SRTS project:Roughly half of the 747 students living within the attendance boundary live within 1/2 mile of the school. In addition, 49% of all Florida City Elementary School students currently walk or bike, meaning that this improvement can increase safety for over 400 student walkers and bicyclists

D. Write a brief history of the neighborhood traffic issues as background for the proposed project:The crossing guard at the signal in front of Florida City Elementary School indicated a history and trend of issues with cars speeding through the school zone in front of the school on 6th Ave. She also indicated the same problem in the school zone on the west side of the school on 7th Ave.

E. 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?
In this case, since such a high percentage of students already walk or bike, demographics probably will have a negligible impact on the number of students who walk after improvements are made.

F. Provide the percent of free or reduced lunch program at the affected school: 98% of students were eligible for free or reduced lunch during the 2014 school year, the latest data available

G. STUDENT TRAVEL DATA:

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

a. Number of students currently walking to school: 338
b. Number of students currently biking to school: 84
c. Total currently walking or biking to school (add a & b) 422
d. Number of students in this school: 844
e. Percent of students in school currently walking or biking to school: (c divided by d): 60

2. Route Data:

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

Section 5 – Specific Infrastructure Improvement(s) Requested

A. LOCATION ***Note: 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 ½ mile;	☐ ½ to 1 mile; ☐ 1 to 1 ½ miles; ☐ 1 ½ miles+
Request #2 St. Name:	Maintaining Agency: ☐ City ☐ County ☐ State
From:	To:
Project's closest point to school: ☐ 0 to ½ mile;	☐ ½ to 1 mile; ☐ 1 to 1 ½ miles; ☐ 1 ½ 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: **TRAFFIC CALMING ALONG NW 6TH AVE AND NW 5TH AVE WOULD ALSO BENEFIT PEDESTRIANS ACCESSING THE FLORIDA CITY COMMUNITY CENTER. TRAFFIC CALMING ALONG NW 6TH AVE WOULD PROVIDE BENEFITS TO PEDESTRIANS WALKING TO LOREN ROBERTS PARK, WHICH HAS AN ENTRANCE ON NW 6TH AVE**

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

☐ Continuation of Existing Sidewalk	☐ New Sidewalk
☐ Continuation of Existing Bike Lane	☐ New Bike Lane (includes re-striping or reconstruction)
☐ Continuation of Paved Shoulder	☐ New Paved Shoulder
☐ Continuation of Shared Use Path	☐ New Shared Use Path

Comments: describe below your requests in detail, including location, length, side of road, etc.

Request #1:
Request #2:

See Attachment for additional project sites: ☒

Describe any other requests:

C. TRAFFIC CONTROLS Mark all that apply in regard to traffic control devices:

☐ We have all necessary traffic control devices **(Proceed to E)**

☐ We need pedestrian signals (features)	☐ We need other school-related signals/beacons
☐ We need traffic signs	☐ We need other school-related signs
☒ We need marked crosswalks	☐ We need other roadway markings

Describe the existing and needed traffic controls:

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

St 1: Posted Speed Limit:	Operating Speed:	AADT:
St 2: Posted Speed Limit:	Operating Speed:	AADT:

Section 6 – Cost Estimate

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

- FDOT Transportation Costs website gives various resources, including FDOT District contact in the Estimates Offices, who can help you with your cost estimate: http://www.dot.state.fl.us/programmanagement/staff.shtm

Projects must follow appropriate design criteria. Projects on the State Highway System must follow the criteria in the Plans Preparation Manual (PPM), FDOT Standard Specifications 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: www.dot.state.fl.us/rddesign/CS/CS.shtm

Construction Cost	**$211,898.00**
Maintenance of Traffic (MOT)	**$21,190.00**
Mobilization	**$21,190.00**
Subtotal	**$254,278.00**
Contingency **(Locally Funded)**	**$42,380.00**
Total Construction Cost	**$296,658.00**
Professional Engineering Design	**$44,498.00**
Construction Engineering and Inspection	**$44,499.00**
GRAND TOTAL	**406421**

Section 6B– Cost Estimate Narrative

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

NAME OF COST ESTIMATOR:

Section 7 - Submission Checklist

Notes: These will be counted toward total application score.

REQUIRED:

A. ☒Color project map showing school location
B. ☒Map showing existing conditions
C. ☒Map showing proposed improvements
D. ☒Map showing where students attending school live
E. ☐Proof of Right of Way
F. ☐Parent Survey Results
G. ☒Student Tally Results
H. ☒Letters of support
I. ☒Copy of public notice, sign in sheet and minutes of public meetings
J. ☒Documentation if Hazardous Walking Condition

ADDITIONAL:

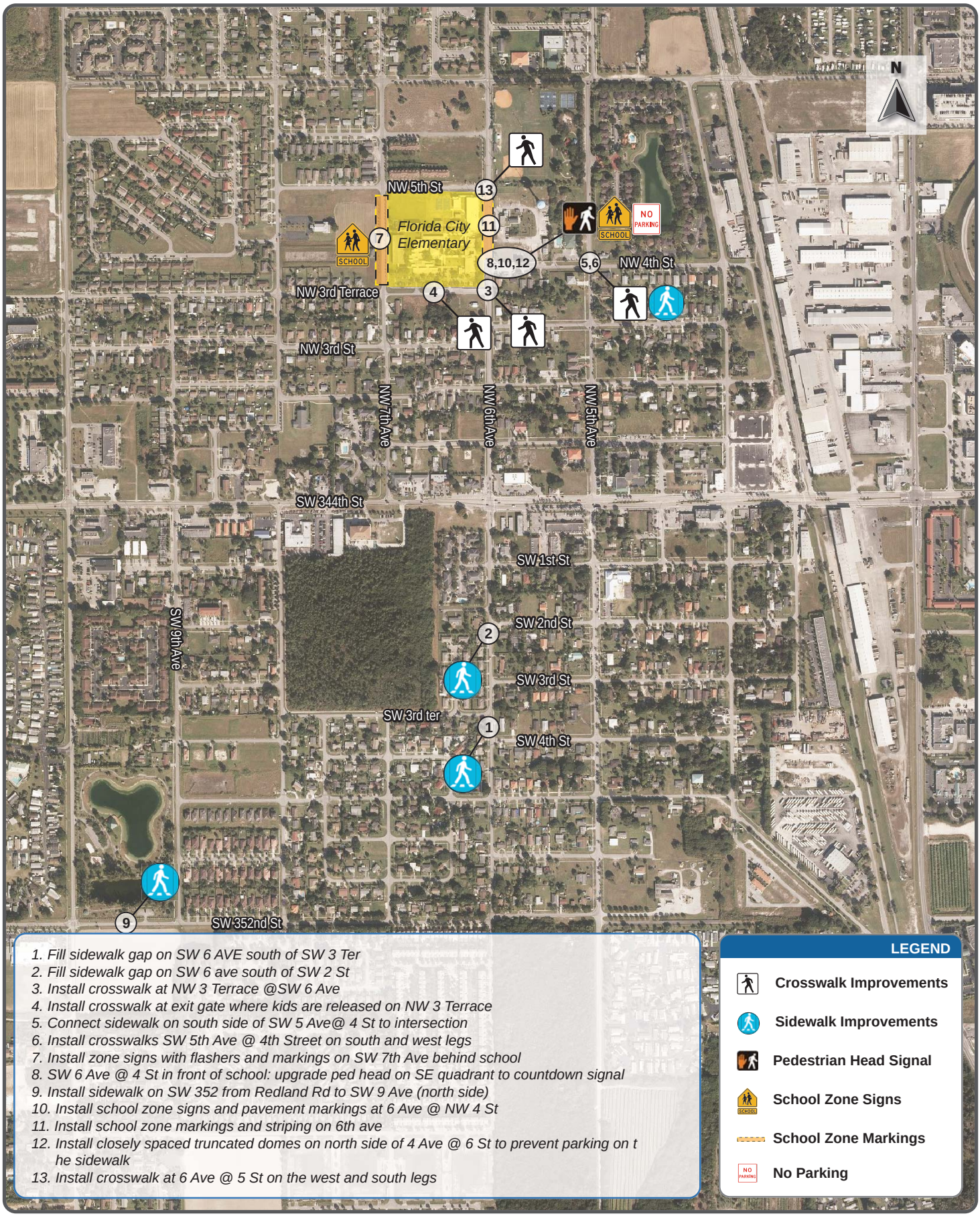
K. ☐Traffic/Engineering report evaluating the problem
L. ☒Crash Data
M. ☒Color Digital photos showing existing conditions

CONCEPTUAL COST ESTIMATE

LOCATION: Florida City Elementary
DESCRIPTION: Safety Improvements

PAY ITEM NO.	DESCRIPTION	UNIT	UNIT COST	QUANTITY	AMOUNT
				Structure/Drainage Structure Subtotal	**$ -**
0380 0522 1	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	SY	$ 75.00	2,000	$ 150,000.00
0110 2 1	CLEARING & GRUBBING (PUSH BUTTON CONTRACT)	AC	$ 18,642.34	0.5	$ 9,321.17
0110 4 1	REMOVAL OF EXISTING CONCRETE SIDEWALK - FOR PUSH BUTTON/MAINTENANCE CONTRA	SF	$ -		$ -
				Roadway Subtotal	**$ 159,321.00**
0610 0700 20 12	SINGLE POST SIGN, F&I, 12-20 SF	AS	$ 1,250.00	11	$ 13,750.00
0880 0711 11160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE	EA	$ 125.00	14	$ 1,750.00
1080 0711 16111	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	NM	$ 6,500.00	0.03	$ 195.00
0630 0700 20 60	SINGLE POST SIGN, REMOVE	AS	$ 50.00	11	$ 550.00
0519 78	BOLLARDS	EA	$ 290.03	21	$ 6,090.63
1090 0711 16211	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	NM	$ 6,250.00	0.439	$ 2,743.75
0870 0711 11125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24"	LF	$ 3.75	460	$ 1,725.00
0860 0711 11123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12"	LF	$ 1.87	640	$ 1,196.80
0865 0711 11124	THERMOPLASTIC, STANDARD, WHITE, SOLID, 18"	LF	$ 2.50	20	$ 50.00
0885 0711 11170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	$ 62.50	6	$ 375.00
0905 0711 11224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18"	LF	$ 2.50	160	$ 400.00
0850 0706 3	RETRO-REFLECTIVE PAVEMENT MARKERS	EA	$ 3.75	36	$ 135.00
				Signing & Pavement Markings Subtotal	**$ 28,961.00**
0654 2 21	RECTANGULAR RAPID FLASHING BEACON, FURNISH & INSTALL- SOLAR POWERED, COMPLET	AS	$ 4,800.00	4	$ 19,200.00
1375 0653191	PEDESTRIAN SIGNAL, F&I, LED - COUNT DOWN, 1 DIRECTION	AS	$ 912.00	4	$ 3,648.00
1485 0690 20	SIGNAL PEDESTRIAN ASSEMBLY REMOVAL	EA	$ 192.00	4	$ 768.00
				Signal and Other Subtotal	**$ 23,616.00**
				SUBTOTAL	**$ 211,898.00**
	General Mobilization			10%	$ 21,190.00
	Maintenance of Traffic (MOT)			10%	$ 21,190.00
	Misc. & Contingency (Not including major utility)			20%	$ 42,380.00
				CONSTRUCTION COST	**$ 296,658.00**
	Right of Way				$ -
	Administration			7%	$ 20,766.00
	Design (PE)			15%	$ 44,498.00
	CEI			15%	$ 44,499.00
				TOTAL PROJECT COST	**$ 406,421.00**

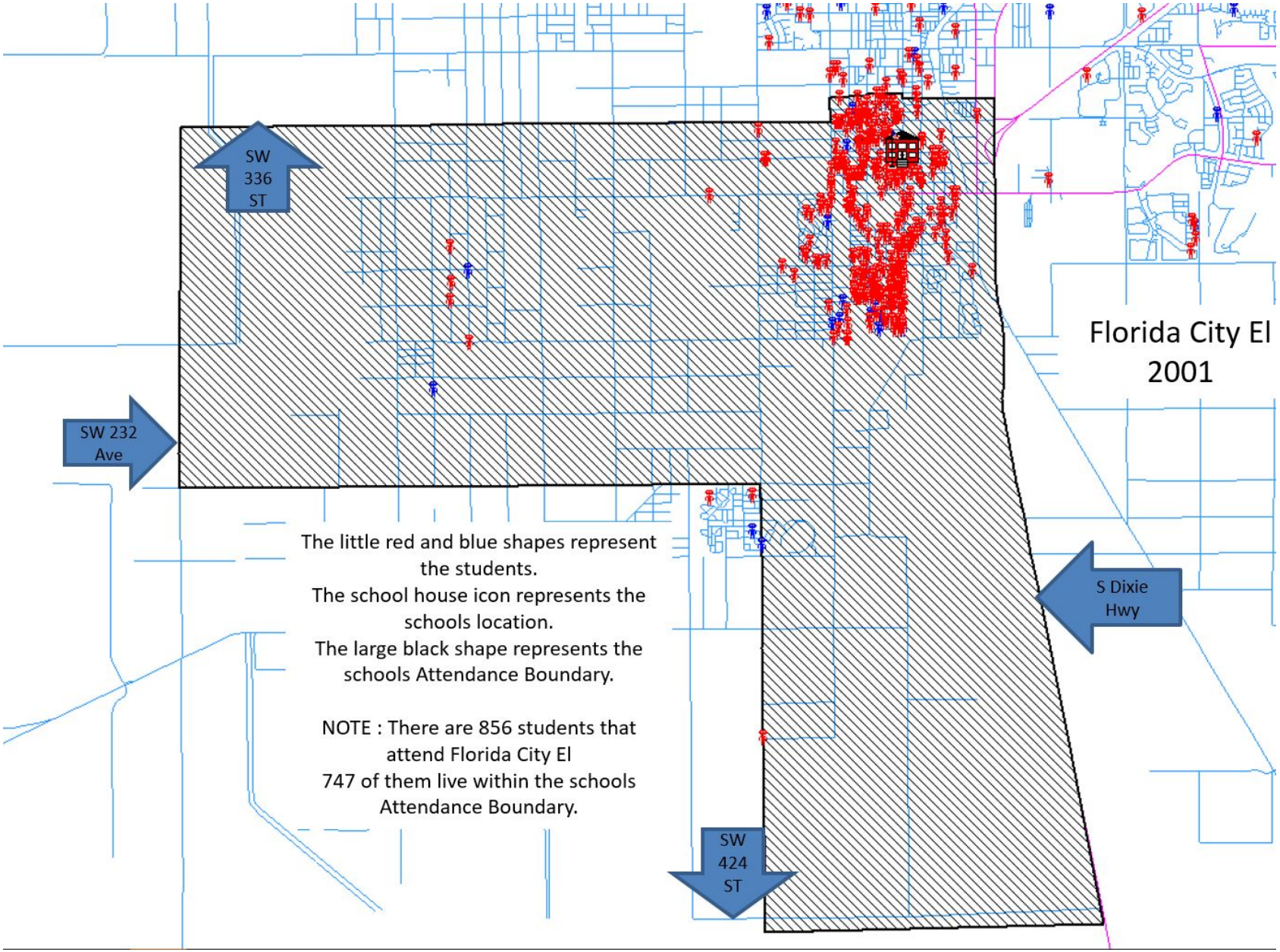

N
NW 5th St
Florida City Elementary
NW 4th St
NW 3rd Terrace
NW 3rd St
NW 7th Ave
NW 6th Ave
NW 5th Ave
SW 344th St
SW 1st St
SW 2nd St
SW 9th Ave
SW 3rd St
SW 4th St
SW 352nd St
LEGEND
School Boundary



1. *Fill sidewalk gap on SW 6 AVE south of SW 3 Ter*
2. *Fill sidewalk gap on SW 6 ave south of SW 2 St*
3. *Install crosswalk at NW 3 Terrace @SW 6 Ave*
4. *Install crosswalk at exit gate where kids are released on NW 3 Terrace*
5. *Connect sidewalk on south side of SW 5 Ave@ 4 St to intersection*
6. *Install crosswalks SW 5th Ave @ 4th Street on south and west legs*
7. *Install zone signs with flashers and markings on SW 7th Ave behind school*
8. *SW 6 Ave @ 4 St in front of school: upgrade ped head on SE quadrant to countdown signal*
9. *Install sidewalk on SW 352 from Redland Rd to SW 9 Ave (north side)*
10. *Install school zone signs and pavement markings at 6 Ave @ NW 4 St*
11. *Install school zone markings and striping on 6th ave*
12. *Install closely spaced truncated domes on north side of 4 Ave @ 6 St to prevent parking on t he sidewalk*
13. *Install crosswalk at 6 Ave @ 5 St on the west and south legs*

LEGEND

- **Crosswalk Improvements**
- **Sidewalk Improvements**
- **Pedestrian Head Signal**
- **School Zone Signs**
- **School Zone Markings**
- **No Parking**


SW
336
ST
SW 232
Ave
S Dixie
Hwy
SW
424
ST
Florida City El
2001
The little red and blue shapes represent the students.
The school house icon represents the schools location.
The large black shape represents the schools Attendance Boundary.
NOTE : There are 856 students that attend Florida City El
747 of them live within the schools Attendance Boundary.

Florida's Safe Routes to School Infrastructure Application

Call for Applications

Note: fields will expand as needed

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 the Florida's Safe Routes to School Program. The Maintaining Agency is generally responsible for entering into a Local Agency Program (LAP) agreement with the FDOT to design, construct, and/or maintain the project. 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: **MIAMI**

School Name: **SHADOWLAWN ELEMENTARY** Congressional District: **FLORIDA 24**

Type: Elementary: ☒ Middle: ☐ High: ☐

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

School Board: ☒ Private School: ☐ Maintaining Agency: ☐

Name of Applicant Agency/Organization: **MIAMI DADE SCHOOL BOARD**

Contact Person: **VIVIAN G. VILLAAMIL** Title: **DIRECTOR TRANSPORTATION PLANNING**

Mailing Address: **OFFICE OF GOVERNMENTAL AFFAIRS & LAND USE**
MIAMI-DADE COUNTY PUBLIC SCHOOLS
1450 N.E. 2ND AVE, ROOM 523, MIAMI, FL 33132

City: **MIAMI** State: **FLORIDA** Zip: **33132**

Daytime Phone: **(305) 995-7287 | FAX (305) 995-4760** E-mail: **VVILLAAMIL@DADESCHOOLS.NET**

Signature: Date: March 29, 2016

Typed name: **VIVIAN G. VILLAAMIL** Title: **DIRECTOR OF TRANSPORTATION PLANNING**

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

Signature: Date: 3/30/16

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: **MIAMI DADE COUNTY** DUNS Number:

Contact Person: **DARLENE FERNANDEZ, PE** Title: **ASSISTANT DIRECTOR OF TRAFFIC SERVICES**

Mailing Address:

Daytime Phone: E-mail:

City: State: **FLORIDA** Zip:

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: 3/31/16

Typed name: **DARLENE FERNANDEZ, PE** Title: **ASSISTANT DIRECTOR OF TRAFFIC SERVICES**

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

Name of MPO: **MIAMI-DADE METROPOLITAN PLANNING ORGANIZATION**

Contact Person: **DAVID HENDERSON** Title: **BICYCLE PEDESTRIAN ADMINISTRATOR**

Mailing Address: **111 NW 1ST STREET, SUITE 920**

City: **MIAMI** State: **FLORIDA** Zip: **33128**

Daytime Phone: **3053751647** E-mail: **DHENDERSON@MIAMIDADEMPO.GOV**

Signature: David Henderson Date: 3/30/2016

Typed name: **DAVID HENDERSON** Title: **BICYCLE PEDESTRIAN ADMINISTRATOR**

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 and Parent Survey forms 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 Student In-Class Travel Tally and Parent Survey forms 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 **fully** Local Agency Program (LAP) Certified by FDOT? (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 ***Yes,*** *what type certification do you have?* ☐ Planning ☐ Design ☐ Construction ☐ Construction Administration

E. 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 control devices included in this project? ☐ Yes ☐ No
Construct and maintain the project on a state road? ☐ Yes ☐ No ☐ N/A

F. 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?
BICYCLE/PEDESTRIAN ADVISORY COMMITTEE
TUESDAY, MARCH 22, 2016, 5:30 P.M.
STEPHEN P CLARK GOVERNMENT CENTER
111 NORTHWEST FIRST STREET, Miami, FL 33128
CONFERENCE room 18-4 (18th floor)

Public Schools CTST Meeting - 2016 SRTS Projects Overview & 2016 Teen Driver Safety Poster & PSA Contest
When: Thursday, March 10, 2016 10:00 AM-12:30 PM (UTC-05:00) Eastern Time (US & Canada).
Where: SBAB Room 559

At the meetings the selection of the 10 schools for the 2016 applications were discussed as well as the process for identifyimg and developing the recommended projects. The meeting attendees were supportive of the school selection and process.

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
G. 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:

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/*

1. Engineering

1A. Past:	1B. Future:

2. 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.

2A. Past: SCHOOL TEACHES PEDESTRIAN SAFETY CURRICULUM TO STUDENTS IN GRADES K-5	2B. Future:

3. Encouragement

3A. Past: SCHOOL ORGANIZED AN INTERNATIONAL WALK TO SCHOOL DAY EVENT IN OCTOBER 2015	3B. Future:

4. Enforcement

4A. Past: SCHOOL HAS SAFETY PATROL OFFICERS. STUDENTS ARE REQUIRED TO HAVE A SIGNED PARENT CONSENT FORM TO WALK HOME FROM SCHOOL. SCHOOL HAS ONE CROSSING GUARD	4B. Future:

5. Evaluation

5A. Past:	5B. Future:

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.

A. HAZARDOUS WALKING CONDITIONS

Opportunity to resolve a documented hazardous walking condition and eliminate the resultant school busing.

☐ Yes ☐ No Include a discussion of public support for the project if busing were eliminated:

B. Are many students already walking or bicycling to this school in less than ideal conditions? ☐ Yes ☐ No

If Yes:

- Explain more about the number of students affected:
- Explain more about the conditions/obstacles which prevent walking or bicycling to your school:

C. Are enough students living near the school to allow many to walk or bike to school if conditions were improved?

☒ Yes ☐ No

If Yes:

- Explain more about the number of students living near the school and how this relates to the anticipated success of the proposed SRTS project:81% (196) of the 241 students live within the attendance boundary and 84% of students are within 1/2 mile of the school indicating potential increases in walking and biking.

D. Write a brief history of the neighborhood traffic issues as background for the proposed project:The 2010-2014 crash history for streets within the attendance boundary indicate that there are several pedestrian crashes that occurred within the neighborhood. There are very few bicycle crashes. Shadowlawn Elementary School ranked 30 of 156 in the 2011 prioritization of schools needing Safe Routes to School Improvements.

E. 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?
The school includes students PK-5, 56% are in grades 2 through 5 which have a greater propensity to walk or bike. Over 96% of the school is eligible for free or reduced lunch indicating low income area which can reflect low auto ownership households which have higher walking and bicycle use.

F. Provide the percent of free or reduced lunch program at the affected school: 94% of students were eligible for free lunch and 2% for reduced lunch during the 2014 school year.

G. STUDENT TRAVEL DATA:

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

a. Number of students currently walking to school: 58
b. Number of students currently biking to school: 0
c. Total currently walking or biking to school (add a & b) 58
d. Number of students in this school: 230
e. Percent of students in school currently walking or biking to school: (c divided by d): 25

2. Route Data:

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

Section 5 – Specific Infrastructure Improvement(s) Requested

A. LOCATION ***Note: 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 ½ mile;	☐ ½ to 1 mile;	☐ 1 to 1 ½ miles;	☐ 1 ½ miles+	
Request #2 St. Name:	Maintaining Agency: ☐ City	☐ County	☐ State	
From:	To:			
Project's closest point to school: ☐ 0 to ½ mile;	☐ ½ to 1 mile;	☐ 1 to 1 ½ miles;	☐ 1 ½ 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. SIDEWALK, BIKE LANE, PAVED SHOULDER, OR SHARED USE PATH

☐ Continuation of Existing Sidewalk	☐ New Sidewalk
☐ Continuation of Existing Bike Lane	☐ New Bike Lane (includes re-striping or reconstruction)
☐ Continuation of Paved Shoulder	☐ New Paved Shoulder
☐ Continuation of Shared Use Path	☐ New Shared Use Path

Comments: describe below your requests in detail, including location, length, side of road, etc.

Request #1:
Request #2:

See Attachment for additional project sites: ☒

Describe any other requests:

C. TRAFFIC CONTROLS Mark all that apply in regard to traffic control devices:

☐ We have all necessary traffic control devices **(Proceed to E)**

☐ We need pedestrian signals (features)	☐ We need other school-related signals/beacons
☐ We need traffic signs	☐ We need other school-related signs
☒ We need marked crosswalks	☐ We need other roadway markings

Describe the existing and needed traffic controls:

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

St 1: Posted Speed Limit:	Operating Speed:	AADT:
St 2: Posted Speed Limit:	Operating Speed:	AADT:

Section 6 – Cost Estimate

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

- FDOT Transportation Costs website gives various resources, including FDOT District contact in the Estimates Offices, who can help you with your cost estimate: http://www.dot.state.fl.us/programmanagement/staff.shtm

Projects must follow appropriate design criteria. Projects on the State Highway System must follow the criteria in the Plans Preparation Manual (PPM), FDOT Standard Specifications 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: www.dot.state.fl.us/rddesign/CS/CS.shtm

Construction Cost	**$43,774.00**
Maintenance of Traffic (MOT)	**$4,377.00**
Mobilization	**$4,377.00**
Subtotal	**$52,528.00**
Contingency **(Locally Funded)**	**$8,755.00**
Total Construction Cost	**$61,283.00**
Professional Engineering Design	**$9,191.00**
Construction Engineering and Inspection	**$9,192.00**
GRAND TOTAL	**$83956**

Section 6B– Cost Estimate Narrative

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

NAME OF COST ESTIMATOR: $0.00

Section 7 - Submission Checklist

Notes: These will be counted toward total application score.

REQUIRED:

A. ☒Color project map showing school location
B. ☒Map showing existing conditions
C. ☒Map showing proposed improvements
D. ☒Map showing where students attending school live
E. ☐Proof of Right of Way
F. ☐Parent Survey Results
G. ☒Student Tally Results
H. ☐Letters of support
I. ☒Copy of public notice, sign in sheet and minutes of public meetings
J. ☒Documentation if Hazardous Walking Condition

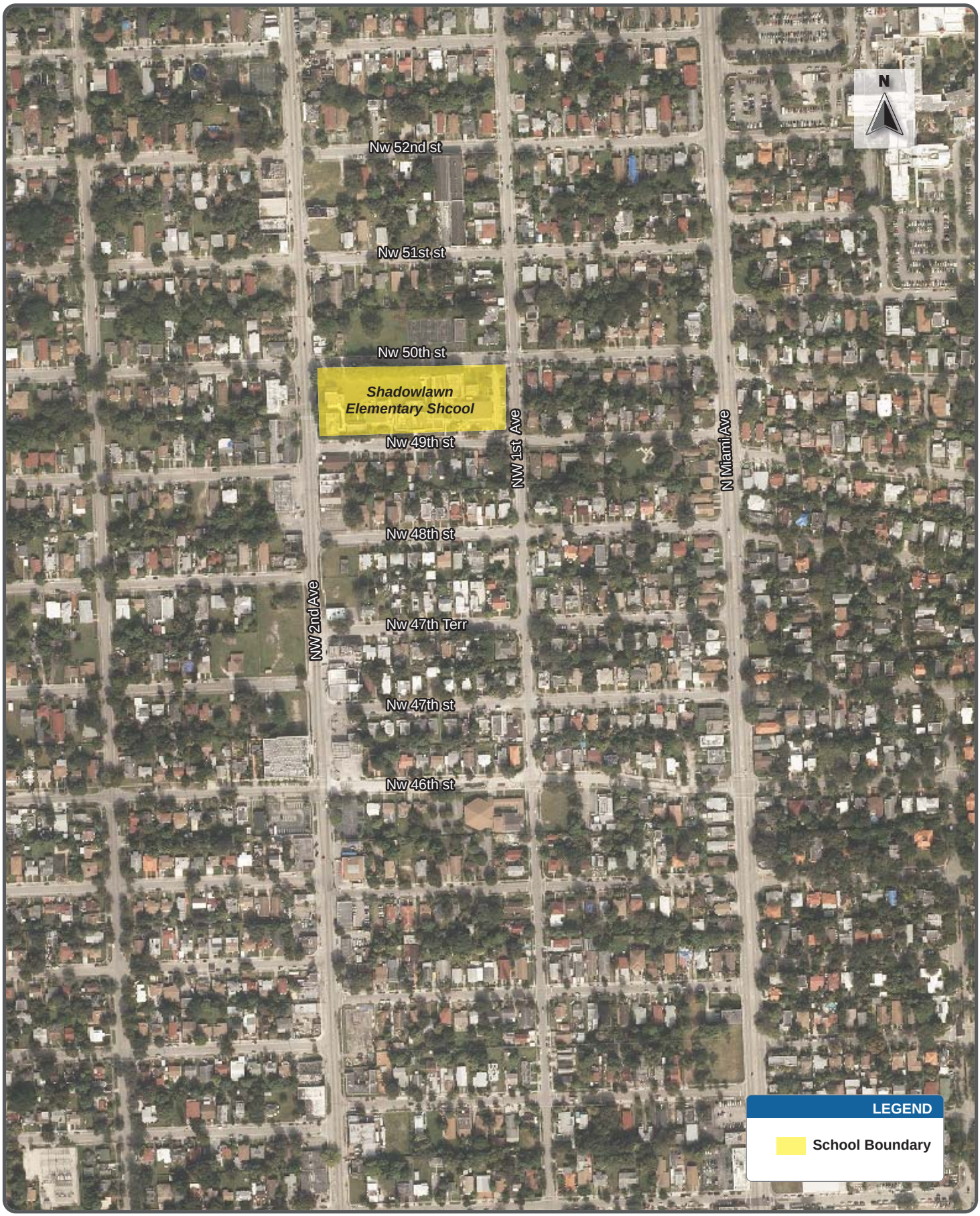
ADDITIONAL:

K. ☐Traffic/Engineering report evaluating the problem
L. ☒Crash Data
M. ☒Color Digital photos showing existing conditions

CONCEPTUAL COST ESTIMATE

LOCATION: Shadowlawn Elementary
DESCRIPTION: Safe Routes to School Improvements

PAY ITEM NO.	DESCRIPTION	UNIT	UNIT COST	QUANTITY	AMOUNT
				Structure/Drainage Structure Subtotal	**$ -**
0380 0522 1	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	SY	$ 75.00	100	$ 7,500.00
0110 2 1	CLEARING & GRUBBING (PUSH BUTTON CONTRACT)	AC	$ 18,642.34	0.03	$ 559.27
				Roadway Subtotal	**$ 8,059.00**
1090 0711 16211	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	NM	$ 6,250.00	0.4	$ 2,500.00
0870 0711 11125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24"	LF	$ 3.75	820	$ 3,075.00
0860 0711 11123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12"	LF	$ 1.87	930	$ 1,739.10
0610 0700 20 12	SINGLE POST SIGN, F&I, 12-20 SF	AS	$ 1,250.00	8	$ 10,000.00
0630 0700 20 60	SINGLE POST SIGN, REMOVE	AS	$ 50.00	8	$ 400.00
0850 0706 3	RETRO-REFLECTIVE PAVEMENT MARKERS	EA	$ 3.75	50	$ 187.50
				Signing & Pavement Markings Subtotal	**$ 18,051.00**
1375 0653191	PEDESTRIAN SIGNAL, F&I, LED - COUNT DOWN, 1 DIRECTION	AS	$ 912.00	16	$ 14,592.00
1485 0690 20	SIGNAL PEDESTRIAN ASSEMBLY REMOVAL	EA	$ 192.00	16	$ 3,072.00
				Signal and Other Subtotal	**$ 17,664.00**
				SUBTOTAL	**$ 43,774.00**
	General Mobilization			10%	$ 4,377.00
	Maintenance of Traffic (MOT)			10%	$ 4,377.00
	Misc. & Contingency (Not including major utility)			20%	$ 8,755.00
				CONSTRUCTION COST	**$ 61,283.00**
	Right of Way				$ -
	Administration			7%	$ 4,290.00
	Design (PE)			15%	$ 9,191.00
	CEI			15%	$ 9,192.00
				TOTAL PROJECT COST	**$ 83,956.00**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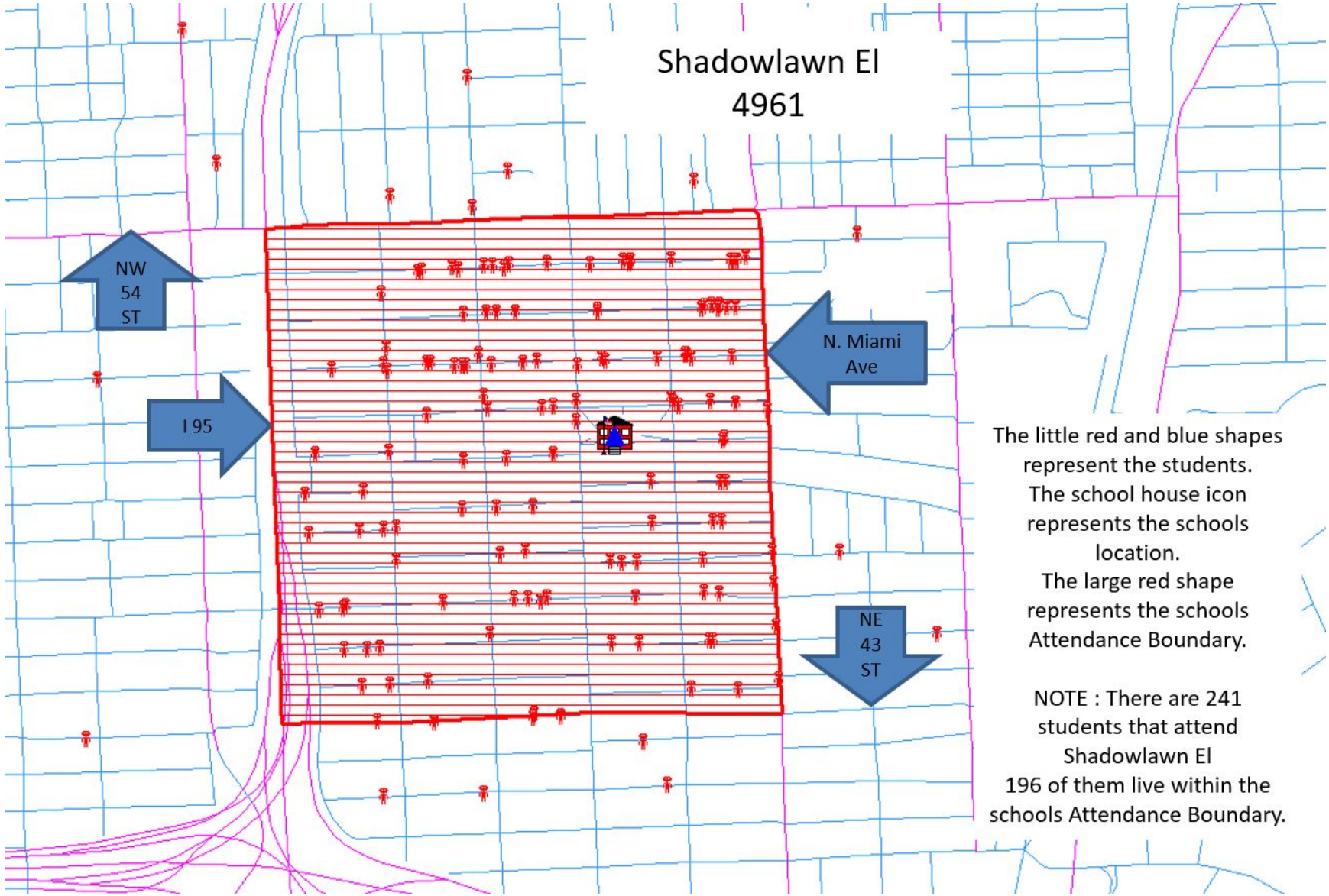
NW 1st Ave
N Miami Ave
Nw 48th st
NW 2nd Ave
Nw 47th Terr
Nw 47th st
Nw 46th st
LEGEND
School Boundary

1. *Install High-Emphasis crosswalks, at N Miami Ave @ NW 49th*
2. *Upgrade ped signals at NW 46th St @ NW 2nd Ave to Countdown*
3. *Intall North/South crosswalk along NW 1st Ave at NW 46th st*
4. *Intall North/South crosswalk along NW 1st Ave at NW 47th st*
5. *Intall North/South crosswalk along NW 1st Ave at NW 47th ter*
6. *Intall North/South crosswalk along NW 1st Ave at NW 48th st*
7. *Intall North/South crosswalk along NW 1st Ave at NW 51st st*
8. *Intall North/South crosswalk along NW 1st Ave at NW 52nd st*

LEGEND

- **Crosswalk Improvements**
- **Pedestrian Signal**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Call for Applications

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FDOT FORM # 500-000-30

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County: **MIAMI-DADE** City: **PERRINE**

School Name: **ROBERT R MOTON ELEMENTARY** Congressional District: **FLORIDA 26**

Type: Elementary: ☒ Middle: ☐ High: ☐

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Name of Applicant Agency/Organization: **MIAMI DADE SCHOOL BOARD**

Contact Person: **VIVIAN G. VILLAAMIL** Title: **DIRECTOR TRANSPORTATION PLANNING**

Mailing Address: **OFFICE OF GOVERNMENTAL AFFAIRS & LAND USE**
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Signature: Date: 3/30/16

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: **MIAMI DADE COUNTY** DUNS Number:

Contact Person: **DARLENE FERNANDEZ, PE** Title: **ASSISTANT DIRECTOR OF TRAFFIC SERVICES**

Mailing Address: **MIAMI DADE COUNTY DEPT OF TRANSPORTATION AND PUBLIC WORKS**

Daytime Phone: E-mail:

City: **MIAMI** State: **FLORIDA** Zip:

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: 3/31/16

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Install and/or maintain any traffic control devices included in this project? ☐ Yes ☐ No
Construct and maintain the project on a state road? ☐ Yes ☐ No ☐ N/A

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1. Engineering

1A. Past: SCHOOL HAS A BICYCLE STORAGE FACILITY SUCH AS A BIKE RACK	**1B. Future:**

2. 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.

2A. Past: SCHOOL TEACHES PEDESTRIAN SAFETY CURRICULUM	**2B. Future:**

3. Encouragement

3A. Past: SCHOOL ORGANIZED AN INTERNATIONAL WALK TO SCHOOL DAY EVENT. IN MARCH 2016, THE SCHOOL HOSTED A HEALTH FAIR IN WHICH THE TOPICS OF PEDESTRIAN AND BICYCLING SAFETY WERE INCLUDED.	**3B. Future:**

4. Enforcement

4A. Past: SCHOOL HAS SAFETY PATROL OFFICERS. SCHOOL HAS THREE CROSSING GUARDS	**4B. Future:**

5. Evaluation

5A. Past:	**5B. Future:**

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.

A. HAZARDOUS WALKING CONDITIONS

Opportunity to resolve a documented hazardous walking condition and eliminate the resultant school busing.

☐ Yes ☐ No Include a discussion of public support for the project if busing were eliminated:

B. Are many students already walking or bicycling to this school in less than ideal conditions? ☐ Yes ☐ No

If Yes:

- Explain more about the number of students affected:
- Explain more about the conditions/obstacles which prevent walking or bicycling to your school:

C. Are enough students living near the school to allow many to walk or bike to school if conditions were improved?

☒ Yes ☐ No

If Yes:

- Explain more about the number of students living near the school and how this relates to the anticipated success of the proposed SRTS project:87% (250) of the 364 students live within the attendance boundary and 66% of students are within 1/2 mile of the school indicating potential increases in walking and biking.

D. Write a brief history of the neighborhood traffic issues as background for the proposed project:The 2010-2014 crash history for streets within the attendance boundary indicate that most pedestrian and bicycle crashes occur along SW 184 St and S Dixie Hwy. There are very few bicycle and pedestrian crashes within the neighborhood. The crossing guards interviewed for this application indicated that speeding through school zones is a big concern. Robert R. Moton Elementary ranked 50 of 156 in the 2011 prioritization of schools needing Safe Routes to School Improvements.

E. 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?
The school includes students PK-5, 53% are in grades 2 through 5 which have a greater propensity to walk or bike. Over 98% of the school is eligible for free or reduced lunch indicating low income area which can reflect low auto ownership households which have higher walking and bicycle use.

F. Provide the percent of free or reduced lunch program at the affected school: 95% of students were eligible for free lunch and 3% for reduced lunch during the 2014 school year.

G. STUDENT TRAVEL DATA:

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

a. Number of students currently walking to school: 116
b. Number of students currently biking to school: 0
c. Total currently walking or biking to school (add a & b) 116
d. Number of students in this school: 388
e. Percent of students in school currently walking or biking to school: (c divided by d): 30

2. Route Data:

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

Section 5 – Specific Infrastructure Improvement(s) Requested

A. LOCATION ***Note: 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 ½ mile;	☐ ½ to 1 mile; ☐ 1 to 1 ½ miles; ☐ 1 ½ miles+
Request #2 St. Name:	Maintaining Agency: ☐ City ☐ County ☐ State
From:	To:
Project's closest point to school: ☐ 0 to ½ mile;	☐ ½ to 1 mile; ☐ 1 to 1 ½ miles; ☐ 1 ½ 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. SIDEWALK, BIKE LANE, PAVED SHOULDER, OR SHARED USE PATH

☐ Continuation of Existing Sidewalk	☐ New Sidewalk
☐ Continuation of Existing Bike Lane	☐ New Bike Lane (includes re-striping or reconstruction)
☐ Continuation of Paved Shoulder	☐ New Paved Shoulder
☐ Continuation of Shared Use Path	☐ New Shared Use Path

Comments: describe below your requests in detail, including location, length, side of road, etc.

Request #1:
Request #2:

See Attachment for additional project sites: ☐

Describe any other requests:

C. TRAFFIC CONTROLS Mark all that apply in regard to traffic control devices:

☐ We have all necessary traffic control devices **(Proceed to E)**

☐ We need pedestrian signals (features)	☐ We need other school-related signals/beacons
☐ We need traffic signs	☐ We need other school-related signs
☒ We need marked crosswalks	☐ We need other roadway markings

Describe the existing and needed traffic controls:

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

St 1: Posted Speed Limit:	Operating Speed:	AADT:
St 2: Posted Speed Limit:	Operating Speed:	AADT:

Section 6 – Cost Estimate

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

- FDOT Transportation Costs website gives various resources, including FDOT District contact in the Estimates Offices, who can help you with your cost estimate: http://www.dot.state.fl.us/programmanagement/staff.shtm

Projects must follow appropriate design criteria. Projects on the State Highway System must follow the criteria in the Plans Preparation Manual (PPM), FDOT Standard Specifications 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: www.dot.state.fl.us/rddesign/CS/CS.shtm

Construction Cost	**$29,378.00**
Maintenance of Traffic (MOT)	**$2,938.00**
Mobilization	**$2,938.00**
Subtotal	**$35,254.00**
Contingency **(Locally Funded)**	**$5,876.00**
Total Construction Cost	**$41,130.00**
Professional Engineering Design	**$6,169.00**
Construction Engineering and Inspection	**$6,170.00**
GRAND TOTAL	**$56348**

Section 6B– Cost Estimate Narrative

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

NAME OF COST ESTIMATOR:

Section 7 - Submission Checklist

Notes: These will be counted toward total application score.

REQUIRED:

A. ☒ Color project map showing school location
B. ☒ Map showing existing conditions
C. ☒ Map showing proposed improvements
D. ☒ Map showing where students attending school live
E. ☐ Proof of Right of Way
F. ☐ Parent Survey Results
G. ☐ Student Tally Results
H. ☐ Letters of support
I. ☒ Copy of public notice, sign in sheet and minutes of public meetings
J. ☒ Documentation if Hazardous Walking Condition

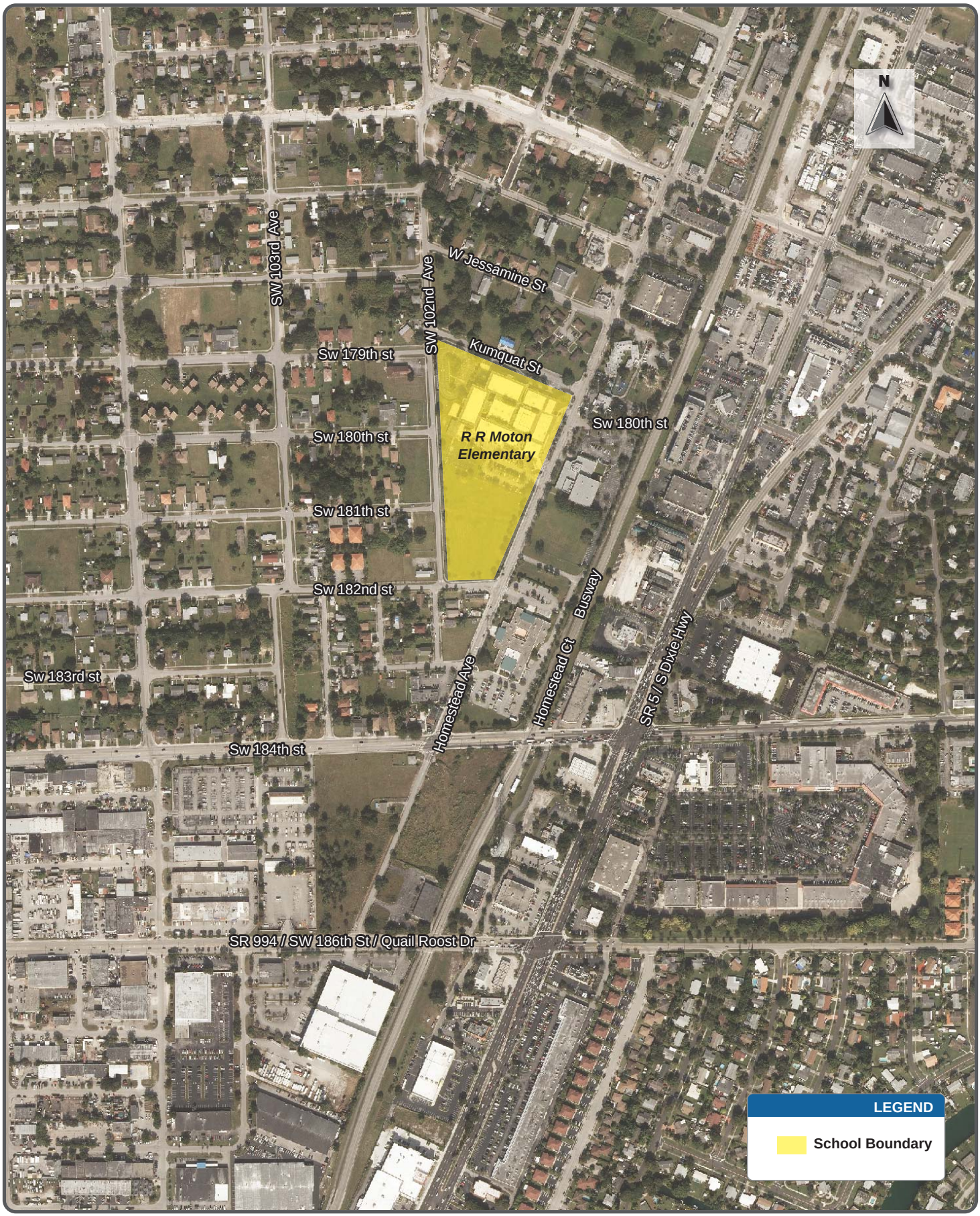
ADDITIONAL:

K. ☐ Traffic/Engineering report evaluating the problem
L. ☒ Crash Data
M. ☒ Color Digital photos showing existing conditions

CONCEPTUAL COST ESTIMATE

LOCATION: Moton Elementary School
DESCRIPTION: Safety Improvements

PAY ITEM NO.	DESCRIPTION	UNIT	UNIT COST	QUANTITY	AMOUNT
				Structure/Drainage Structure Subtotal	**$ -**
0380 0522 1	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	SY	$ 75.00	38	$ 2,850.00
0110 2 1	CLEARING & GRUBBING (PUSH BUTTON CONTRACT)	AC	$ 18,642.34	0.007	$ 130.50
0110 4 1	REMOVAL OF EXISTING CONCRETE SIDEWALK - FOR PUSH BUTTON/MAINTENANCE CONTRA	SF	$ 38.00	140	$ 5,320.00
				Roadway Subtotal	**$ 8,300.00**
0610 0700 20 12	SINGLE POST SIGN, F&I, 12-20 SF	AS	$ 1,250.00	10	$ 12,500.00
1090 0711 16211	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	NM	$ 6,250.00	0.196	$ 1,225.00
0870 0711 11125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24"	LF	$ 3.75	620	$ 2,325.00
0860 0711 11123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12"	LF	$ 1.87	1,050	$ 1,963.50
0630 0700 20 60	SINGLE POST SIGN, REMOVE	AS	$ 50.00	10	$ 500.00
0850 0706 3	RETRO-REFLECTIVE PAVEMENT MARKERS	EA	$ 3.75	30	$ 112.50
				Signing & Pavement Markings Subtotal	**$ 18,870.00**
1485 0690 20	SIGNAL PEDESTRIAN ASSEMBLY REMOVAL	EA	$ 192.00	2	$ 384.00
1375 0653191	PEDESTRIAN SIGNAL, F&I, LED - COUNT DOWN, 1 DIRECTION	AS	$ 912.00	2	$ 1,824.00
				Signal and Other Subtotal	**$ 2,208.00**
				SUBTOTAL	**$ 29,378.00**
	General Mobilization			10%	$ 2,938.00
	Maintenance of Traffic (MOT)			10%	$ 2,938.00
	Misc. & Contingency (Not including major utility)			20%	$ 5,876.00
				CONSTRUCTION COST	**$ 41,130.00**
	Right of Way				$ -
	Administration			7%	$ 2,879.00
	Design (PE)			15%	$ 6,169.00
	CEI			15%	$ 6,170.00
				TOTAL PROJECT COST	**$ 56,348.00**


N
SW 103rd Ave
SW 102nd Ave
W Jessamine St
Kumquat St
Sw 179th st
Sw 180th st
R R Moton Elementary
Sw 180th st
Sw 181th st
Sw 182nd st
Busway
Homestead Ave
Homestead Ct
SR 5 / S Dixie Hwy
Sw 183rd st
Sw 184th st
SR 994 / SW 186th St / Quail Roost Dr
LEGEND
School Boundary

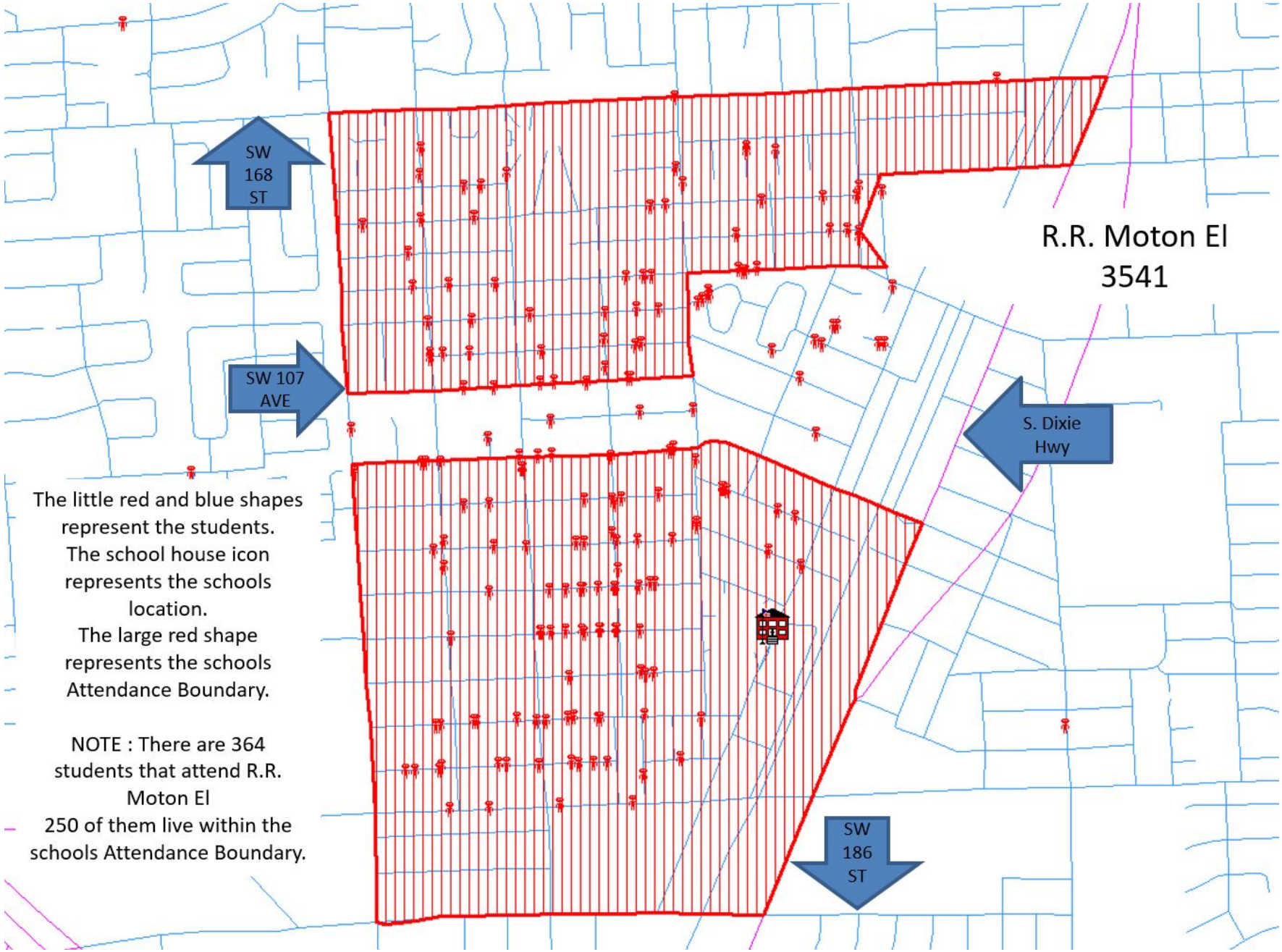
1. Install crosswalks at 103 Ave @ 180 St
2. Install ramps to provide access to midblock crossing on Homestead Ave in front of Richmond-Perrine Optimist Club Youth Center
3. Install crosswalk at Homestead Ave @ SW 180 St (east side)
4. Install crosswalk at Homestead@ Kumquat (this is a crossing guard location)
5. Connect sidewalk to crosswalk at 102@182, on north leg
6. Install stop bar at stop sign on north side of SW 102 Ave @ SW 182 St

a. Upgrade school zone signs and markings on 103 ave north of 182 st

7. Install crosswalks on SW 179 St @ SW 104 Ave (north and south legs)
8. Install crosswalks on SW 179 St@ SW 103 Ave on east and west leg and relocate stop signs and stop bars
9. Upgrade ped signal at midblock crosswalk on Homestead Ave north of Kumquat St and restripe crosswalk

LEGEND

- Crosswalk Improvements
- Pedestrian Signal
- School Zone Signs
- Pavement Markings


SW
168
ST
SW 107
AVE
S. Dixie
Hwy
SW
186
ST
R.R. Moton El
3541
The little red and blue shapes represent the students.
The school house icon represents the schools location.
The large red shape represents the schools Attendance Boundary.
NOTE : There are 364 students that attend R.R. Moton El
250 of them live within the schools Attendance Boundary.

Florida's Safe Routes to School Infrastructure Application

Call for Applications

Note: fields will expand as needed

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 the Florida's Safe Routes to School Program. The Maintaining Agency is generally responsible for entering into a Local Agency Program (LAP) agreement with the FDOT to design, construct, and/or maintain the project. 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: **HIALEAH**

School Name: **NORTH TWIN LAKES** Congressional District: **FLORIDA 25**

Type: Elementary: ☒ Middle: ☐ High: ☐

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

School Board: ☒ Private School: ☐ Maintaining Agency: ☐

Name of Applicant Agency/Organization: **MIAMI DADE SCHOOL BOARD**

Contact Person: **VIVIAN G. VILLAAMIL** Title: **DIRECTOR TRANSPORTATION PLANNING**

Mailing Address: **OFFICE OF GOVERNMENTAL AFFAIRS & LAND USE**
MIAMI-DADE COUNTY PUBLIC SCHOOLS
1450 N.E. 2ND AVE, ROOM 523, MIAMI, FL 33132

City: **MIAMI** State: **FLORIDA** Zip: **33132**

Daytime Phone: **(305) 995-7287 | FAX (305) 995-4760** E-mail: **VVILLAAMIL@DADESCHOOLS.NET**

Signature: Date: March 29, 2016

Typed name: **VIVIAN G. VILLAAMIL** Title: **DIRECTOR OF TRANSPORTATION PLANNING**

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

Signature: Date: 3/30/16

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: **MIAMI DADE COUNTY** DUNS Number:

Contact Person: **DARLENE FERNANDEZ, PE** Title: **ASSISTANT DIRECTOR OF TRAFFIC SERVICES**

Mailing Address:

Daytime Phone: E-mail:

City: **MIAMI** State: **FLORIDA** Zip:

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: 3/31/16

Typed name: **DARLENE FERNANDEZ, PE** Title: **ASSISTANT DIRECTOR OF TRAFFIC SERVICES**

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

Name of MPO: **MIAMI-DADE METROPOLITAN PLANNING ORGANIZATION**

Contact Person: **DAVID HENDERSON** Title: **BICYCLE PEDESTRIAN ADMINISTRATOR**

Mailing Address: **111 NW 1ST STREET, SUITE 920**

City: **MIAMI** State: **FLORIDA** Zip: **33128**

Daytime Phone: **3053751647** E-mail: **DHENDERSON@MIAMIDADEMPO.GOV**

Signature: Date: 3/30/2016

Typed name: DAVID HENDERSON Title: **BICYCLE PEDESTRIAN ADMINISTRATOR**

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 and Parent Survey forms 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 Student In-Class Travel Tally and Parent Survey forms 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 **fully** Local Agency Program (LAP) Certified by FDOT? (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 ***Yes,*** *what type certification do you have?* ☐ Planning ☐ Design ☐ Construction ☐ Construction Administration

E. 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 control devices included in this project? ☐ Yes ☐ No
Construct and maintain the project on a state road? ☐ Yes ☐ No ☐ N/A

F. 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?
BICYCLE/PEDESTRIAN ADVISORY COMMITTEE
TUESDAY, MARCH 22, 2016, 5:30 P.M.
STEPHEN P CLARK GOVERNMENT CENTER
111 NORTHWEST FIRST STREET, Miami, FL 33128
CONFERENCE room 18-4 (18th floor)

Public Schools CTST Meeting - 2016 SRTS Projects Overview & 2016 Teen Driver Safety Poster & PSA Contest
When: Thursday, March 10, 2016 10:00 AM-12:30 PM (UTC-05:00) Eastern Time (US & Canada).
Where: SBAB Room 559

At the meetings the selection of the 10 schools for the 2016 applications were discussed as well as the process for identifyimg and developing the recommended projects. The meeting attendees were supportive of the school selection and process.

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

G. 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:

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/*

1. Engineering

1A. Past:	1B. Future:

2. 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.

2A. Past: SCHOOL TEACHES PEDESTRIAN SAFETY CURRICULUM TO STUDENTS IN GRADES K-5.	2B. Future:

3. Encouragement

3A. Past:	3B. Future:

4. Enforcement

4A. Past: STUDENTS ARE REQUIRED TO HAVE A SIGNED PARENT CONSENT FORM TO WALK HOME FROM SCHOOL. SCHOOL HAS ONE CROSSING GUARD.	4B. Future:

5. Evaluation

5A. Past:	5B. Future:

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.

A. HAZARDOUS WALKING CONDITIONS

Opportunity to resolve a documented hazardous walking condition and eliminate the resultant school busing.

☐ Yes ☐ No Include a discussion of public support for the project if busing were eliminated:

B. Are many students already walking or bicycling to this school in less than ideal conditions? ☐ Yes ☐ No

If Yes:

- Explain more about the number of students affected:
- Explain more about the conditions/obstacles which prevent walking or bicycling to your school:

C. Are enough students living near the school to allow many to walk or bike to school if conditions were improved?

☒ Yes ☐ No

If Yes:

- Explain more about the number of students living near the school and how this relates to the anticipated success of the proposed SRTS project:85% (477) of the 552 students live within the attendance boundary and 86% of students are within 1/2 mile of the school indicating potential increases in walking and biking.

D. Write a brief history of the neighborhood traffic issues as background for the proposed project:The 2010-2014 crash history for streets within the attendance boundary indicate that there are very few bicycle and pedestrian crashes in the area. North Twin Lakes Elementary ranked 65 of 156 in the 2011 prioritization of schools needing Safe Routes to School Improvements.

E. 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?
The school includes students PK-5, 63% are in grades 2 through 8 which have a greater propensity to walk or bike. Over 92% of the school is eligible for free or reduced lunch indicating low income area which can reflect low auto ownership households which have higher walking and bicycle use.

F. Provide the percent of free or reduced lunch program at the affected school: 84% of students were eligible for free lunch and 8% for reduced lunch during the 2014 school year.

G. STUDENT TRAVEL DATA:

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

a. Number of students currently walking to school: 133
b. Number of students currently biking to school: 0
c. Total currently walking or biking to school (add a & b) 133
d. Number of students in this school: 531
e. Percent of students in school currently walking or biking to school: (c divided by d): 25

2. Route Data:

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

Section 5 – Specific Infrastructure Improvement(s) Requested

A. LOCATION ***Note: 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 ½ mile;	☐ ½ to 1 mile;	☐ 1 to 1 ½ miles;	☐ 1 ½ miles+	
Request #2 St. Name:	Maintaining Agency: ☐ City	☐ County	☐ State	
From:	To:			
Project's closest point to school: ☐ 0 to ½ mile;	☐ ½ to 1 mile;	☐ 1 to 1 ½ miles;	☐ 1 ½ 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. SIDEWALK, BIKE LANE, PAVED SHOULDER, OR SHARED USE PATH

☐ Continuation of Existing Sidewalk	☐ New Sidewalk
☐ Continuation of Existing Bike Lane	☐ New Bike Lane (includes re-striping or reconstruction)
☐ Continuation of Paved Shoulder	☐ New Paved Shoulder
☐ Continuation of Shared Use Path	☐ New Shared Use Path

Comments: describe below your requests in detail, including location, length, side of road, etc.

Request #1:
Request #2:

See Attachment for additional project sites: ☒

Describe any other requests:

C. TRAFFIC CONTROLS Mark all that apply in regard to traffic control devices:

☐ We have all necessary traffic control devices **(Proceed to E)**

☐ We need pedestrian signals (features)	☐ We need other school-related signals/beacons
☐ We need traffic signs	☐ We need other school-related signs
☒ We need marked crosswalks	☐ We need other roadway markings

Describe the existing and needed traffic controls:

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

St 1: Posted Speed Limit:	Operating Speed:	AADT:
St 2: Posted Speed Limit:	Operating Speed:	AADT:

Section 6 – Cost Estimate

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

- FDOT Transportation Costs website gives various resources, including FDOT District contact in the Estimates Offices, who can help you with your cost estimate: http://www.dot.state.fl.us/programmanagement/staff.shtm

Projects must follow appropriate design criteria. Projects on the State Highway System must follow the criteria in the Plans Preparation Manual (PPM), FDOT Standard Specifications 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: www.dot.state.fl.us/rddesign/CS/CS.shtm

Construction Cost	**$43,664.00**
Maintenance of Traffic (MOT)	**$4,366.00**
Mobilization	**$4,366.00**
Subtotal	**$52,396.00**
Contingency **(Locally Funded)**	**$8,733.00**
Total Construction Cost	**$61,129.00**
Professional Engineering Design	**$9,168.00**
Construction Engineering and Inspection	**$9,169.00**
GRAND TOTAL	**$83,745.00**

Section 6B– Cost Estimate Narrative

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

NAME OF COST ESTIMATOR:

Section 7 - Submission Checklist

Notes: These will be counted toward total application score.

REQUIRED:

A. ☒Color project map showing school location
B. ☒Map showing existing conditions
C. ☒Map showing proposed improvements
D. ☒Map showing where students attending school live
E. ☐Proof of Right of Way
F. ☐Parent Survey Results
G. ☒Student Tally Results
H. ☐Letters of support
I. ☒Copy of public notice, sign in sheet and minutes of public meetings
J. ☒Documentation if Hazardous Walking Condition

ADDITIONAL:

K. ☐Traffic/Engineering report evaluating the problem
L. ☒Crash Data
M. ☒Color Digital photos showing existing conditions

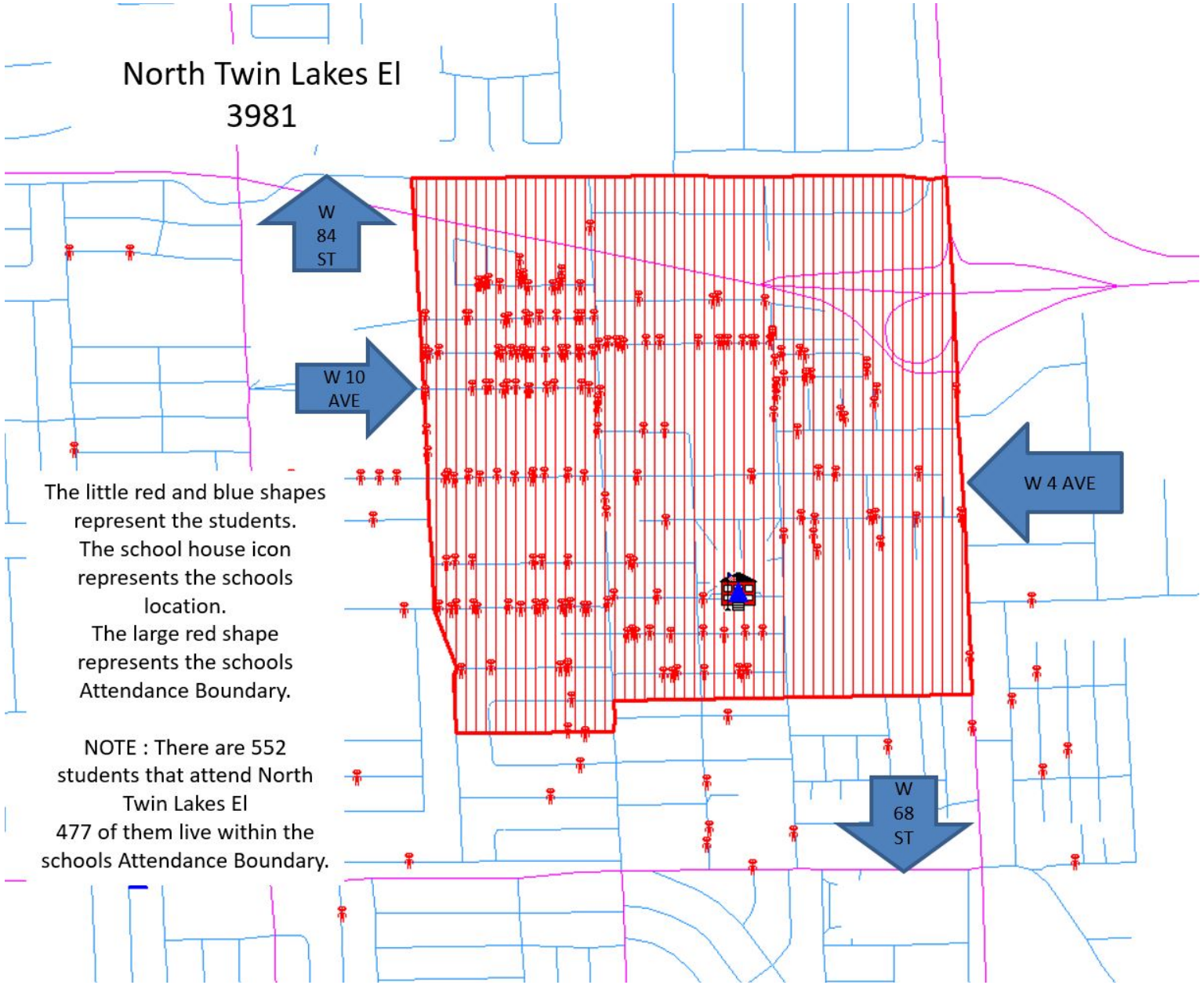
CONCEPTUAL COST ESTIMATE

LOCATION: North Twin Lakes Elementary
DESCRIPTION: Safety Improvements

PAY ITEM NO.	DESCRIPTION	UNIT	UNIT COST	QUANTITY	AMOUNT
				Structure/Drainage Structure Subtotal	**$ -**
				Roadway Subtotal	**$ -**
0880 0711 11160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE	EA	$ 125.00	16	$ 2,000.00
1080 0711 16111	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	NM	$ 6,500.00	0.095	$ 617.50
0630 0700 20 60	SINGLE POST SIGN, REMOVE	AS	$ 50.00	10	$ 500.00
0610 0700 20 12	SINGLE POST SIGN, F&I, 12-20 SF	AS	$ 1,250.00	14	$ 17,500.00
1090 0711 16211	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	NM	$ 6,250.00	0.073	$ 456.25
0870 0711 11125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24"	LF	$ 3.75	510	$ 1,912.50
0860 0711 11123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12"	LF	$ 1.87	710	$ 1,327.70
0850 0706 3	RETRO-REFLECTIVE PAVEMENT MARKERS	EA	$ 3.75	40	$ 150.00
				Signing & Pavement Markings Subtotal	**$ 24,464.00**
0654 2 21	RECTANGULAR RAPID FLASHING BEACON, FURNISH & INSTALL- SOLAR POWERED, COMPLET	AS	$ 4,800.00	4	$ 19,200.00
				Signal and Other Subtotal	**$ 19,200.00**
				SUBTOTAL	**$ 43,664.00**
	General Mobilization			10%	$ 4,366.00
	Maintenance of Traffic (MOT)			10%	$ 4,366.00
	Misc. & Contingency (Not including major utility)			20%	$ 8,733.00
				CONSTRUCTION COST	**$ 61,129.00**
	Right of Way				$ -
	Administration			7%	$ 4,279.00
	Design (PE)			15%	$ 9,168.00
	CEI			15%	$ 9,169.00
				TOTAL PROJECT COST	**$ 83,745.00**


N
W 80th St
W 79th St
W 78th St
W 77th St
W 77th St
W 5th Ave
W 4th Ct
W 76th St
W8th Ave
North Twin Lakes Elementary
W 75th St
W 74th PL
W 73r d PL
W 7th Ave
W 6th Ave
SR 823 / W 4th Ave
LEGEND
School Boundary


N
W 80th St
W 79th St
W 78th St
W 77th St
W 77th St
W 5th Ave
W 4th Ct
W 76th St
W8th Ave
North Twin Lakes Elementary
W 75th St
SCHOOL
W 74th PL
SCHOOL
W 73r d PL
W 7th Ave
W 6th Ave
SR 823 / W 4th Ave
1
2
3
4
5
1. Update school zone signs and add flashers on 7 Ave from 76-77 St
2. Install crosswalk on north and south leg of W 7 Ave @ W 77 St
3. 7 ave@ 76 st- Install high emphasis crosswalk on east leg
4. Update school zone signs and school zone markings along W 74th Pl from W 6th Ave to W 7 Ave
5. Install crosswalk at W 74th Pl at 6 Ave
LEGEND
Crosswalk Improvements
School Zone Signs


North Twin Lakes El
3981
W 84 ST
W 10 AVE
W 4 AVE
W 68 ST
The little red and blue shapes represent the students.
The school house icon represents the schools location.
The large red shape represents the schools Attendance Boundary.
NOTE : There are 552 students that attend North Twin Lakes El
477 of them live within the schools Attendance Boundary.

Florida's Safe Routes to School Infrastructure Application

Call for Applications

Note: fields will expand as needed

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 the Florida's Safe Routes to School Program. The Maintaining Agency is generally responsible for entering into a Local Agency Program (LAP) agreement with the FDOT to design, construct, and/or maintain the project. 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: **MIAMI GARDENS**

School Name: **MYRTLE GROVE K-8 CENTER** Congressional District: **FLORIDA 24**

Type: Elementary: ☒ Middle: ☐ High: ☐

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

School Board: ☒ Private School: ☐ Maintaining Agency: ☐

Name of Applicant Agency/Organization: **MIAMI DADE SCHOOL BOARD**

Contact Person: **VIVIAN G. VILLAAMIL** Title: **DIRECTOR TRANSPORTATION PLANNING**

Mailing Address: **OFFICE OF GOVERNMENTAL AFFAIRS & LAND USE**
MIAMI-DADE COUNTY PUBLIC SCHOOLS
1450 N.E. 2ND AVE, ROOM 523, MIAMI, FL 33132

City: **MIAMI** State: **FLORIDA** Zip: **33132**

Daytime Phone: **(305) 995-7287 | FAX (305) 995-4760** E-mail: **VVILLAAMIL@DADESCHOOLS.NET**

Signature: Date: March 29, 2016

Typed name: **VIVIAN G. VILLAAMIL** Title: **DIRECTOR OF TRANSPORTATION PLANNING**

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

Signature: Date: 3/30/16

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: **MIAMI DADE COUNTY** DUNS Number:

Contact Person: **DARLENE FERNANDEZ, PE** Title: **ASSISTANT DIRECTOR OF TRAFFIC SERVICES**

Mailing Address: **MIAMI DADE COUNTY DEPT OF TRANSPORTATION AND PUBLIC WORKS**

Daytime Phone: E-mail:

City: **MIAMI** State: **FLORIDA** Zip:

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: 3/31/16

Typed name: **DARLENE FERNANDEZ, PE** Title: **ASSISTANT DIRECTOR OF TRAFFIC SERVICES**

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

Name of MPO: **MIAMI-DADE METROPOLITAN PLANNING ORGANIZATION**

Contact Person: **DAVID HENDERSON** Title: **BICYCLE PEDESTRIAN ADMINISTRATOR**

Mailing Address: **111 NW 1ST STREET, SUITE 920**

City: **MIAMI** State: **FLORIDA** Zip: **33128**

Daytime Phone: **3053751647** E-mail: **DHENDERSON@MIAMIDADEMPO.GOV**

Signature: David Henderson Date: 3/30/2016

Typed name: **DAVID HENDERSON** Title: **BICYCLE PEDESTRIAN ADMINISTRATOR**

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 and Parent Survey forms 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 Student In-Class Travel Tally and Parent Survey forms 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 **fully** Local Agency Program (LAP) Certified by FDOT? (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 ***Yes,*** *what type certification do you have?* ☐ Planning ☐ Design ☐ Construction ☐ Construction Administration

E. 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 control devices included in this project? ☒ Yes ☐ No
Construct and maintain the project on a state road? ☒ Yes ☐ No ☐ N/A

F. 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?
BICYCLE/PEDESTRIAN ADVISORY COMMITTEE
TUESDAY, MARCH 22, 2016, 5:30 P.M.
STEPHEN P CLARK GOVERNMENT CENTER
111 NORTHWEST FIRST STREET, Miami, FL 33128
CONFERENCE room 18-4 (18th floor)

Public Schools CTST Meeting - 2016 SRTS Projects Overview & 2016 Teen Driver Safety Poster & PSA Contest
When: Thursday, March 10, 2016 10:00 AM-12:30 PM (UTC-05:00) Eastern Time (US & Canada).
Where: SBAB Room 559

At the meetings the selection of the 10 schools for the 2016 applications were discussed as well as the process for identifyimg and developing the recommended projects. The meeting attendees were supportive of the school selection and process.

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
G. 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:

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/*

1. Engineering

1A. Past: SCHOOL HAS A BICYCLE STORAGE FACILITY SUCH AS A BIKE RACK	**1B. Future:**

2. 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.

2A. Past: SCHOOL TEACHES PEDESTRIAN SAFETY CURRICULUM TO STUDENTS IN GRADES K-5. DURING THE 2014-2015 SCHOOL YEAR, PREKINDERGARTEN TEACHERS WERE TRAINED ON THE WALKSAFE PROGRAM, AND IMPLEMENTED A PEDESTRIAN CURRICULUM TO PRE-K STUDENTS.	**2B. Future:**

3. Encouragement

3A. Past: SCHOOL ORGANIZED AN INTERNATIONAL WALK TO SCHOOL DAY EVENT IN OCTOBER 2015.	**3B. Future:**

4. Enforcement

4A. Past: : SCHOOL HAS SAFETY PATROL. SCHOOL HAS ONE CROSSING GUARD.	**4B. Future:**

5. Evaluation

5A. Past:	**5B. Future:**

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.

A. HAZARDOUS WALKING CONDITIONS

Opportunity to resolve a documented hazardous walking condition and eliminate the resultant school busing.

☐ Yes ☐ No Include a discussion of public support for the project if busing were eliminated:

B. Are many students already walking or bicycling to this school in less than ideal conditions? ☐ Yes ☐ No

If Yes:

- Explain more about the number of students affected:
- Explain more about the conditions/obstacles which prevent walking or bicycling to your school:This school has doubled the amount of student population within the last 2 years. Additional crossing guards are needed at this location."

C. Are enough students living near the school to allow many to walk or bike to school if conditions were improved?

☒ Yes ☐ No

If Yes:

- Explain more about the number of students living near the school and how this relates to the anticipated success of the proposed SRTS project:63% (401) of the 633 students live within the attendance boundary and 61% of students are within 1/2 mile of the school indicating potential increases in walking and biking.

D. Write a brief history of the neighborhood traffic issues as background for the proposed project:The 2010-2014 crash history for streets within the attendance boundary indicate that most pedestrian and bicycle crashes occur along the arterial streets NW 183 St and NW 27 Ave. The intersection of NW 27 Ave and NE 183 St has a very high number of pedestrian crashes. There are a few pedestrian and bicycle crashes within the neighborhood. Myrtle Grove K-8 Center ranked 31 of 156 in the 2011 prioritization of schools needing Safe Routes to School Improvements.

E. 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?
The school includes students PK-8, 63% are in grades 2 through 8 which have a greater propensity to walk or bike. Over 96% of the school is eligible for free or reduced lunch indicating low income area which can reflect low auto ownership households which have higher walking and bicycle use.

F. Provide the percent of free or reduced lunch program at the affected school: 91% of students were eligible for free lunch and 5% for reduced lunch during the 2014 school year.

G. STUDENT TRAVEL DATA:

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

a. Number of students currently walking to school: 326
b. Number of students currently biking to school: 65
c. Total currently walking or biking to school (add a & b) 391
d. Number of students in this school: 652
e. Percent of students in school currently walking or biking to school: (c divided by d): 60

2. Route Data:

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

Section 5 – Specific Infrastructure Improvement(s) Requested

A. LOCATION ***Note: 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 ½ mile;	☐ ½ to 1 mile;	☐ 1 to 1 ½ miles;	☐ 1 ½ miles+	
Request #2 St. Name:	Maintaining Agency: ☐ City	☐ County	☐ State	
From:	To:			
Project's closest point to school: ☐ 0 to ½ mile;	☐ ½ to 1 mile;	☐ 1 to 1 ½ miles;	☐ 1 ½ 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. SIDEWALK, BIKE LANE, PAVED SHOULDER, OR SHARED USE PATH

☐ Continuation of Existing Sidewalk	☐ New Sidewalk
☐ Continuation of Existing Bike Lane	☐ New Bike Lane (includes re-striping or reconstruction)
☐ Continuation of Paved Shoulder	☐ New Paved Shoulder
☐ Continuation of Shared Use Path	☐ New Shared Use Path

Comments: describe below your requests in detail, including location, length, side of road, etc.

Request #1:
Request #2:

See Attachment for additional project sites: ☒

Describe any other requests:

C. TRAFFIC CONTROLS Mark all that apply in regard to traffic control devices:

☐ We have all necessary traffic control devices **(Proceed to E)**

☐ We need pedestrian signals (features)	☐ We need other school-related signals/beacons
☐ We need traffic signs	☐ We need other school-related signs
☒ We need marked crosswalks	☐ We need other roadway markings

Describe the existing and needed traffic controls:

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

St 1: Posted Speed Limit:	Operating Speed:	AADT:
St 2: Posted Speed Limit:	Operating Speed:	AADT:

Section 6 – Cost Estimate

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

- FDOT Transportation Costs website gives various resources, including FDOT District contact in the Estimates Offices, who can help you with your cost estimate: http://www.dot.state.fl.us/programmanagement/staff.shtm

Projects must follow appropriate design criteria. Projects on the State Highway System must follow the criteria in the Plans Preparation Manual (PPM), FDOT Standard Specifications 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: www.dot.state.fl.us/rddesign/CS/CS.shtm

Construction Cost	**$63,794.00**
Maintenance of Traffic (MOT)	**$6,379.00**
Mobilization	**$6,379.00**
Subtotal	**$76,552.00**
Contingency **(Locally Funded)**	**$12,759.00**
Total Construction Cost	**$89,311.00**
Professional Engineering Design	**$13,396.00**
Construction Engineering and Inspection	**$13,397.00**
GRAND TOTAL	**$122,356.00**

Section 6B– Cost Estimate Narrative

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

NAME OF COST ESTIMATOR:

Section 7 - Submission Checklist

Notes: These will be counted toward total application score.

REQUIRED:

A. ☒ Color project map showing school location
B. ☒ Map showing existing conditions
C. ☒ Map showing proposed improvements
D. ☒ Map showing where students attending school live
E. ☐ Proof of Right of Way
F. ☐ Parent Survey Results
G. ☒ Student Tally Results
H. ☐ Letters of support
I. ☒ Copy of public notice, sign in sheet and minutes of public meetings
J. ☒ Documentation if Hazardous Walking Condition

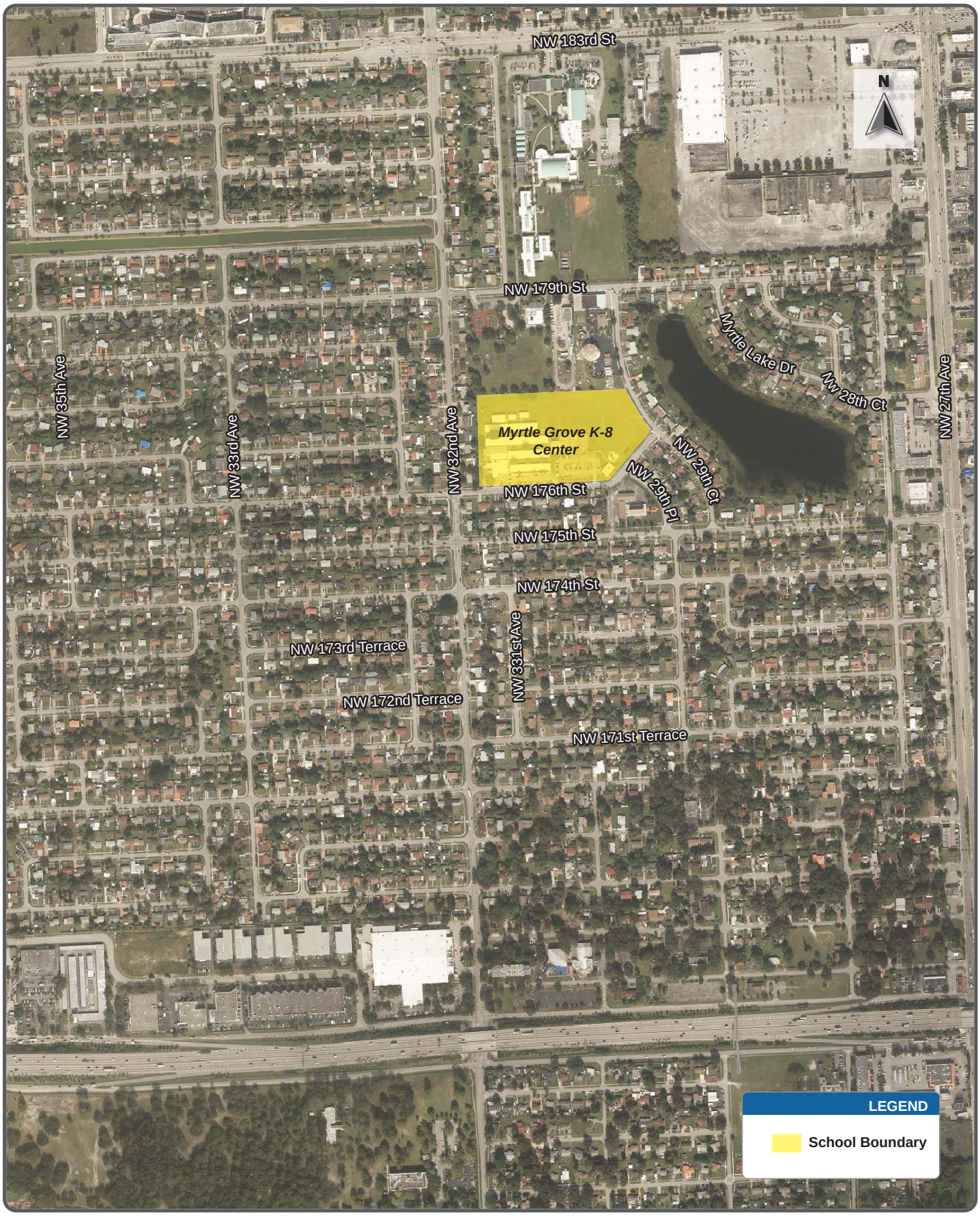
ADDITIONAL:

K. ☐ Traffic/Engineering report evaluating the problem
L. ☒ Crash Data
M. ☒ Color Digital photos showing existing conditions

CONCEPTUAL COST ESTIMATE

LOCATION: Myrtle Grove Elementary
DESCRIPTION: Safety Improvements

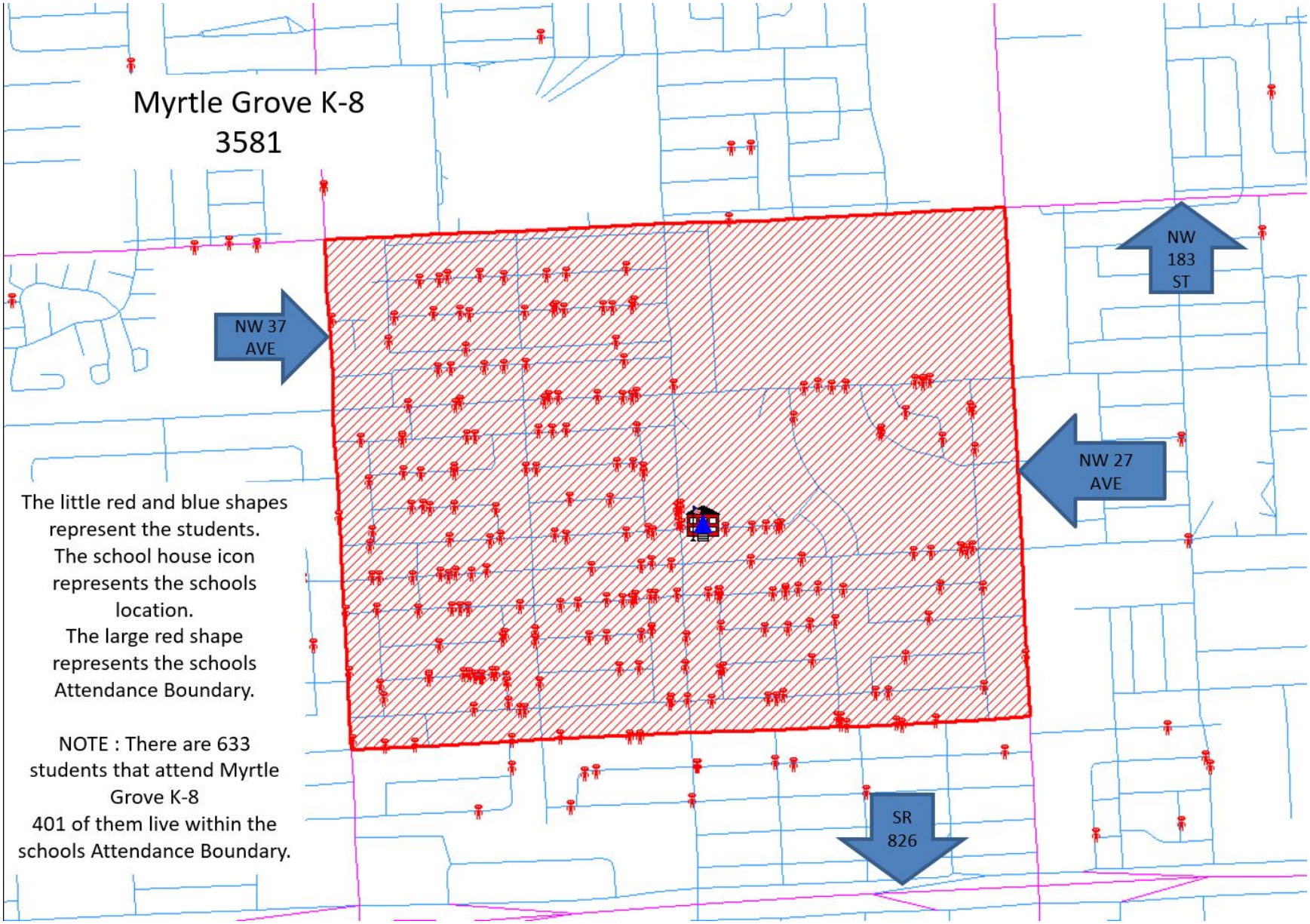
PAY ITEM NO.	DESCRIPTION	UNIT	UNIT COST	QUANTITY	AMOUNT
				Structure/Drainage Structure Subtotal	**$ -**
0380 0522 1	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	SY	$ 75.00	156	$ 11,700.00
0110 2 1	CLEARING & GRUBBING (PUSH BUTTON CONTRACT)	AC	$ 18,642.34	0.035	$ 652.48
				Roadway Subtotal	**$ 12,352.00**
0610 0700 20 12	SINGLE POST SIGN, F&I, 12-20 SF	AS	$ 1,250.00	10	$ 12,500.00
0630 0700 20 60	SINGLE POST SIGN, REMOVE	AS	$ 50.00	8	$ 400.00
1090 0711 16211	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	NM	$ 6,250.00	2.115	$ 13,218.75
0870 0711 11125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24"	LF	$ 3.75	800	$ 3,000.00
0860 0711 11123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12"	LF	$ 1.87	1,530	$ 2,861.10
0850 0706 3	RETRO-REFLECTIVE PAVEMENT MARKERS	EA	$ 3.75	70	$ 262.50
				Signing & Pavement Markings Subtotal	**$ 32,242.00**
0654 2 21	RECTANGULAR RAPID FLASHING BEACON, FURNISH & INSTALL- SOLAR POWERED, COMPLET	AS	$ 4,800.00	4	$ 19,200.00
				Signal and Other Subtotal	**$ 19,200.00**
				SUBTOTAL	**$ 63,794.00**
	General Mobilization			10%	$ 6,379.00
	Maintenance of Traffic (MOT)			10%	$ 6,379.00
	Misc. & Contingency (Not including major utility)			20%	$ 12,759.00
				CONSTRUCTION COST	**$ 89,311.00**
	Right of Way				$ -
	Administration			7%	$ 6,252.00
	Design (PE)			15%	$ 13,396.00
	CEI			15%	$ 13,397.00
				TOTAL PROJECT COST	**$ 122,356.00**


NW 183rd St
N
NW 179th St
Myrtle Lake Dr
NW 28th Ct
NW 27th Ave
NW 35th Ave
NW 33rd Ave
NW 32nd Ave
Myrtle Grove K-8 Center
NW 29th Ct
NW 29th Pl
NW 176th St
NW 175th St
NW 174th St
NW 331st Ave
NW 173rd Terrace
NW 172nd Terrace
NW 171st Terrace
LEGEND
School Boundary

1. Install flashing and fluorescent school zone sign and pavement markings on NW 29 Ct from NW 179 St to NW 176 St
2. Install crosswalk at NW 35 Ave @ NW 179 St and provide ADA accessible ramps
3. Install crosswalk at NW 33 Ct @ NW 179 St and provide ADA accessible ramps
4. Install high emphasis crosswalk at NW 175 St @ NW 33 Ct (all 4 legs) and provide ADA accessible ramps
5. Install high emphasis crosswalk on east and west side of NW 32 Ave @ NW 174 St (install Ada accessible ramps)
6. Install crosswalk on east and west side of NW 171 terrace @ NW 33 Ct and connect sidewalk to corner with ADA accessible ramps
7. Install crosswalk on east side of NW 172 terrace @ NW 33 Ct and connect sidewalk to corner with ADA accessible ramps
8. Install crosswalk on east side of NW 173 terrace @ NW 33 Ct and connect sidewalk to corner with ADA accessible ramps
9. Install crosswalk on south leg of NW 27 Ct @ NW 179 St
10. Install crosswalk on south leg of NW 28 Ct @ NW 179 St
11. Install crosswalk on south leg of Myrtle Lake Dr @ NW 179 St
12. Install crosswalk on north leg of NW 31 Ave @ NW 171 Ter

LEGEND

- Crosswalk Improvements
- Sidewalk Improvements
- School Zone Signs
- Pavement Markings


Myrtle Grove K-8
3581
NW 37 AVE
NW 183 ST
NW 27 AVE
SR 826
The little red and blue shapes represent the students.
The school house icon represents the schools location.
The large red shape represents the schools Attendance Boundary.
NOTE : There are 633 students that attend Myrtle Grove K-8
401 of them live within the schools Attendance Boundary.

Florida's Safe Routes to School Infrastructure Application

Call for Applications

Note: fields will expand as needed

FDOT FORM # 500-000-30

Section 1 – School, Applicant & Maintaining Agency Information

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County: **MIAMI-DADE** City: **MIAMI GARDENS**

School Name: **MIAMI GARDENS ELEMENTARY** Congressional District: **FLORIDA 24**

Type: Elementary: ☒ Middle: ☐ High: ☐

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

School Board: ☒ Private School: ☐ Maintaining Agency: ☐

Name of Applicant Agency/Organization: **MIAMI DADE SCHOOL BOARD**

Contact Person: **VIVIAN G. VILLAAMIL** Title: **DIRECTOR TRANSPORTATION PLANNING**

Mailing Address: **OFFICE OF GOVERNMENTAL AFFAIRS & LAND USE**
MIAMI-DADE COUNTY PUBLIC SCHOOLS
1450 N.E. 2ND AVE, ROOM 523, MIAMI, FL 33132

City: **MIAMI** State: **FLORIDA** Zip: **33132**

Daytime Phone: **(305) 995-7287 | FAX (305) 995-4760** E-mail: **VVILLAAMIL@DADESCHOOLS.NET**

Signature: Date: March 29, 2016

Typed name: **VIVIAN G. VILLAAMIL** Title: **DIRECTOR OF TRANSPORTATION PLANNING**

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

Signature: Date: 3/30/16

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: **MIAMI DADE COUNTY** DUNS Number:

Contact Person: **DARLENE FERNANDEZ, PE** Title: **ASSISTANT DIRECTOR OF TRAFFIC SERVICES**

Mailing Address:

Daytime Phone: E-mail:

City: State: **FLORIDA** Zip:

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: 3/31/16

Typed name: **DARLENE FERNANDEZ, PE** Title: **ASSISTANT DIRECTOR OF TRAFFIC SERVICES**

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Name of MPO: **MIAMI-DADE METROPOLITAN PLANNING ORGANIZATION**

Contact Person: **DAVID HENDERSON** Title: **BICYCLE PEDESTRIAN ADMINISTRATOR**

Mailing Address: **111 NW 1ST STREET, SUITE 920**

City: **MIAMI** State: **FLORIDA** Zip: **33128**

Daytime Phone: **3053751647** E-mail: **DHENDERSON@MIAMIDADEMPO.GOV**

Signature: David Henderson Date: 3/30/2016

Typed name: **DAVID HENDERSON** Title: **BICYCLE PEDESTRIAN ADMINISTRATOR**

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 and Parent Survey forms 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 Student In-Class Travel Tally and Parent Survey forms 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 **fully** Local Agency Program (LAP) Certified by FDOT? (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 ***Yes,*** *what type certification do you have?* ☐ Planning ☐ Design ☐ Construction ☐ Construction Administration

E. 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 control devices included in this project? ☒ Yes ☐ No
Construct and maintain the project on a state road? ☐ Yes ☐ No ☐ N/A

F. 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?
BICYCLE/PEDESTRIAN ADVISORY COMMITTEE
TUESDAY, MARCH 22, 2016, 5:30 P.M.
STEPHEN P CLARK GOVERNMENT CENTER
111 NORTHWEST FIRST STREET, Miami, FL 33128
CONFERENCE room 18-4 (18th floor)

Public Schools CTST Meeting - 2016 SRTS Projects Overview & 2016 Teen Driver Safety Poster & PSA Contest
When: Thursday, March 10, 2016 10:00 AM-12:30 PM (UTC-05:00) Eastern Time (US & Canada).
Where: SBAB Room 559

At the meetings the selection of the 10 schools for the 2016 applications were discussed as well as the process for identifyimg and developing the recommended projects. The meeting attendees were supportive of the school selection and process.

Explain what articles or letters to the editor have been written for newspapers, etc. and the reaction.

G. 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:

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/*

1. Engineering

1A. Past:	1B. Future:

2. 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.

2A. Past: SCHOOL TEACHES PEDESTRIAN SAFETY CURRICULUM TO STUDENTS IN GRADES K-5.	2B. Future:

3. Encouragement

3A. Past:	3B. Future:

4. Enforcement

4A. Past: DURING OBSERVATIONS THERE WAS DISCUSSION WITH A PARENT DROPPING OFF A CHILD. SHE INDICATED THAT THERE HAD BEEN PREVIOUS EFFORTS AT THE SCHOOL TO ENFORCE THE PROPER DROP-OFF ACTIVITYTHROUGH BY PARENTS FOR WRONG WAY PARKING. SCHOOL HAS SAFETY PATROL. STUDENTS ARE REQUIRED TO WEAR A HELMET WHEN RIDING TO SCHOOL. STUDENTS ARE REQUIRED TO HAVE A SIGNED PARENT CONSENT FORM TO WALK HOME FROM SCHOOL.	4B. Future:

5. Evaluation

5A. Past:	5B. Future:

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.

A. HAZARDOUS WALKING CONDITIONS

Opportunity to resolve a documented hazardous walking condition and eliminate the resultant school busing.

☐ Yes ☐ No Include a discussion of public support for the project if busing were eliminated:

B. Are many students already walking or bicycling to this school in less than ideal conditions? ☐ Yes ☐ No

If Yes:

- Explain more about the number of students affected:OBSERVATIONS WERE THAT A VAST MAJORITY OF STUDENTS WERE BUSED OR DROPPED-OFF AT THE SCHOOL. ABOUT 10% WALKED AND WE OBSERVED ONLY 1 BICYCLE RIDER. WITH THAT SAID ALL THE STUDENTS WHO WALK, BIKE OR BUS MUST WALK FROM 195TH STREET TO THE SCHOOLS MAIN ENTRANCE. ALL DROP-OFF AND PICK-UP AND BUS ACCESS/EGRESS ACTIVITY OCCURS OFF-SITE ON LOCAL ROADS - NW 195TH STREET (DROP-OFF) AND NW 44TH COURT (PICK-UP). THE WALKING CONDITIONS FOR ALL 284 STUDENTS COULD BE IMPROVED BY IMPROVING CONDITIONS HERE. AS THERE ARE NO CROSSINGS, ADA ACCESS OR CLEARLY DEFINED DROP-OFF AREAS IN FRONT OF THE SCHOOL ON 195TH STREET AND TO A CRTAIN EXTENT ON NW 44TH CT. THERE ARE NO BICYCLE FACILITIES ADJACENT TO THE SCHOOL.
- Explain more about the conditions/obstacles which prevent walking or bicycling to your school:DURING MORNING DROP-OFF WE OBSERVED AD HOC OPERATIONS AS BUSES AND PARENTS WERE DROPPING -OFF STUDNETS ON NW 195 TH STREET. BOTH BUSES AND PARENTS WERE DROPPING OFF CHILDREN IN THE MIDDLE OF THE ROAD AND FROM SHOULDERS, ADJACENT RESIDENT VEHICLES WERE PARKED ON SIDEWALKS, THERE WERE DISCONTINUOUS SIDEWALKS ON NW 47TH, AVE., INCOMPLETE PAVEMENT MARKINGS, MISSING CURB RAMPS AND TACTILE PADS. NO CROSSING GUARD AT DROP-OFF SITE. ONLY 2 GAURDS WERE OBSERVED FOR THE SCHOOL ZONE. THERE ARE NO CONNECTED BICYCLE FACILITIES ADJACENT TO THE SCHOOL. THE SCHOOL HAS NO BIKE RACKS. WE OBSERVED THE 1 CYCLIST CHAINING BIKE TO A FENCE NEAR SHOOL ENTRANCE.

C. Are enough students living near the school to allow many to walk or bike to school if conditions were improved?

☒ Yes ☐ No

If Yes:

- Explain more about the number of students living near the school and how this relates to the anticipated success of the proposed SRTS project:67% (191) of the 284 students live within the attendance boundary and 62% of students are within 1/2 mile of the school indicating for potential increases in walking and biking.

D. Write a brief history of the neighborhood traffic issues as background for the proposed project: The 2010-2014 crash history for streets within the attendance boundary indicate that there are very few crashes within the area. The few pedestrian crashes that occurred were along NW 37 Ave, which is a major arterial. Miami Gardens Elementary ranked 92 of 156 in the 2011 prioritization of schools needing Safe Routes to School Improvements.The crossing guard at the east side of the school indicated that there is a need for on-site pick up drop off. All activity occurs off-site on roads adjacent to the schools. There is no guard at main entrance to the school and the combination of buses and parents dropping off students is ad hoc.

E. 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?
The school includes students PK-5, 52% are in grades 2 through 5 which have a greater propensity to walk or bike. Over 90% of the school is eligible for free or reduced lunch indicating low income area which can reflect low auto ownership households which have highter walking and bicycle use.

F. Provide the percent of free or reduced lunch program at the affected school: 89% of students were eligible for free lunch and 4% for reduced lunch during the 2014 school year.

G. STUDENT TRAVEL DATA:

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

a. Number of students currently walking to school:	30	
b. Number of students currently biking to school:		0
c. Total currently walking or biking to school (add a & b)		30

d. Number of students in this school: 302
e. Percent of students in school currently walking or biking to school: (c divided by d): 10

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

Section 5 – Specific Infrastructure Improvement(s) Requested

A. LOCATION ***Note: 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 ½ mile;	☐ ½ to 1 mile;	☐ 1 to 1 ½ miles;	☐ 1 ½ miles+	
Request #2 St. Name:	Maintaining Agency: ☐ City	☐ County	☐ State	
From:	To:			
Project's closest point to school: ☐ 0 to ½ mile;	☐ ½ to 1 mile;	☐ 1 to 1 ½ miles;	☐ 1 ½ 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. SIDEWALK, BIKE LANE, PAVED SHOULDER, OR SHARED USE PATH

☐ Continuation of Existing Sidewalk	☐ New Sidewalk
☐ Continuation of Existing Bike Lane	☐ New Bike Lane (includes re-striping or reconstruction)
☐ Continuation of Paved Shoulder	☐ New Paved Shoulder
☐ Continuation of Shared Use Path	☐ New Shared Use Path

Comments: describe below your requests in detail, including location, length, side of road, etc.

Request #1:
Request #2:

See Attachment for additional project sites: ☒

Describe any other requests:

C. TRAFFIC CONTROLS Mark all that apply in regard to traffic control devices:
☐ We have all necessary traffic control devices **(Proceed to E)**

☐ We need pedestrian signals (features)	☐ We need other school-related signals/beacons
☐ We need traffic signs	☐ We need other school-related signs

☒ We need marked crosswalks ☐ We need other roadway markings		
Describe the existing and needed traffic controls:		
D. TRAFFIC DATA ***Notes:*** *Posted Speed Limit is required. AADT stands for Average Annual Daily Traffic*		
St 1: Posted Speed Limit:	Operating Speed:	AADT:
St 2: Posted Speed Limit:	Operating Speed:	AADT:

Section 6 – Cost Estimate

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

- FDOT Transportation Costs website gives various resources, including FDOT District contact in the Estimates Offices, who can help you with your cost estimate: http://www.dot.state.fl.us/programmanagement/staff.shtm

Projects must follow appropriate design criteria. Projects on the State Highway System must follow the criteria in the Plans Preparation Manual (PPM), FDOT Standard Specifications 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: www.dot.state.fl.us/rddesign/CS/CS.shtm

Construction Cost	**$76,201.00**
Maintenance of Traffic (MOT)	**$7,620.00**
Mobilization	**$7,620.00**
Subtotal	**$91,441.00**
Contingency **(Locally Funded)**	**$15,240.00**
Total Construction Cost	**$106,681.00**
Professional Engineering Design	**$16,001.00**
Construction Engineering and Inspection	**$16,002.00**
GRAND TOTAL	**$146,152.00**

Section 6B– Cost Estimate Narrative

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

NAME OF COST ESTIMATOR: $0.00

Section 7 - Submission Checklist

Notes: These will be counted toward total application score.

REQUIRED:	**ADDITIONAL:**
A. ☒Color project map showing school location **B.** ☒Map showing existing conditions **C.** ☒Map showing proposed improvements **D.** ☒Map showing where students attending school live **E.** ☐Proof of Right of Way **F.** ☐Parent Survey Results **G.** ☒Student Tally Results **H.** ☐Letters of support **I.** ☒Copy of public notice, sign in sheet and minutes of public meetings **J.** ☒Documentation if Hazardous Walking Condition	**K.** ☐Traffic/Engineering report evaluating the problem **L.** ☒Crash Data **M.** ☒Color Digital photos showing existing conditions

CONCEPTUAL COST ESTIMATE

LOCATION: Miami Gardens Elementary
DESCRIPTION: Safety Improvements

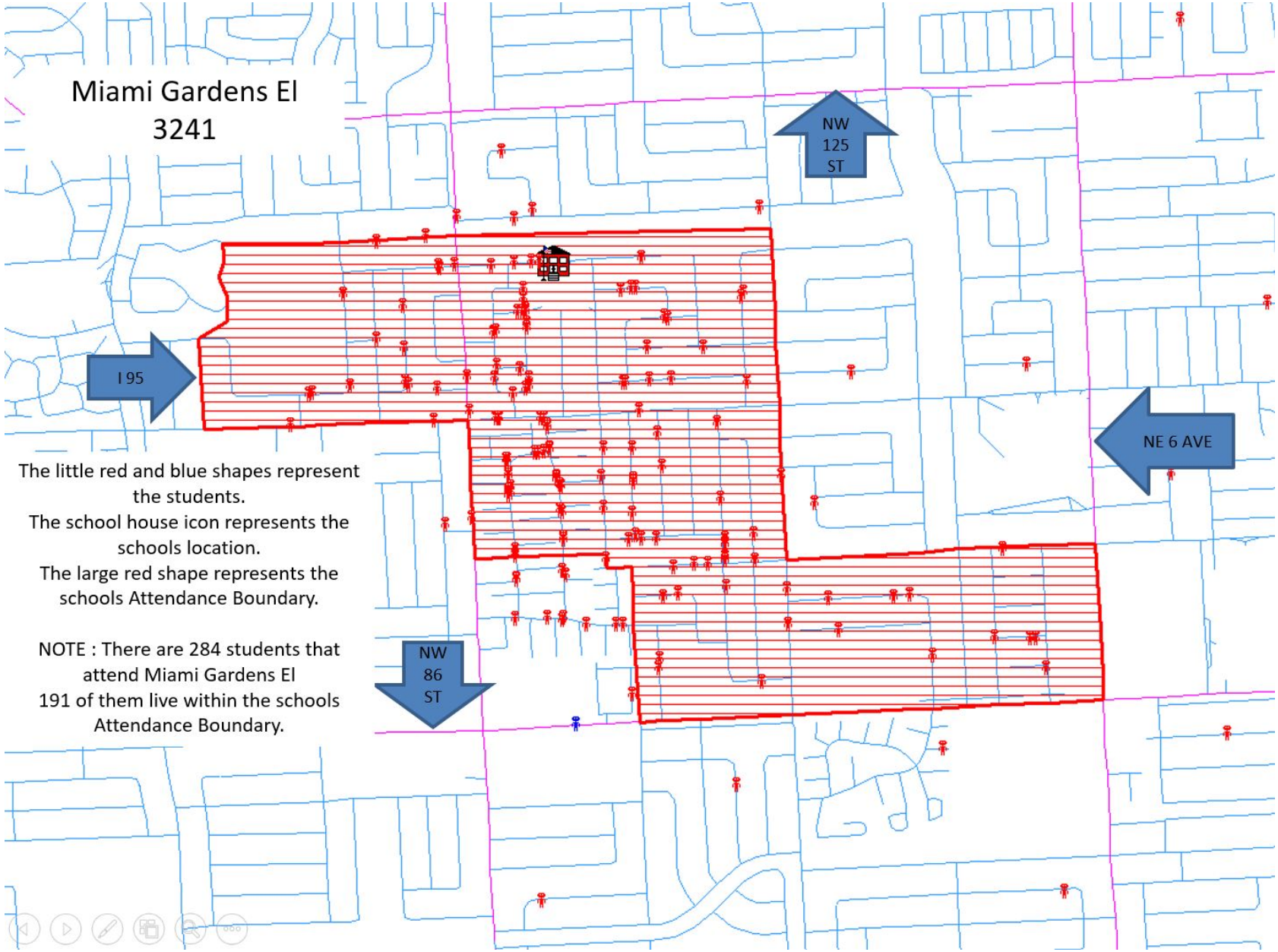
PAY ITEM NO.	DESCRIPTION	UNIT	UNIT COST	QUANTITY	AMOUNT
				Structure/Drainage Structure Subtotal	**$ -**
0380 0522 1	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	SY	$ 75.00	233	$ 17,475.00
0110 2 1	CLEARING & GRUBBING (PUSH BUTTON CONTRACT)	AC	$ 18,642.34	0.04	$ 745.69
0420 0536 73	GUARDRAIL REMOVAL	LF	$ 3.69	100	$ 369.00
0536 1 5	GUARDRAIL- ROADWAY, THRIE BEAM	LF	$ 31.67	100	$ 3,167.00
				Roadway Subtotal	**$ 21,757.00**
1090 0711 16211	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	NM	$ 6,250.00	0.069	$ 431.25
0870 0711 11125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24"	LF	$ 3.75	605	$ 2,268.75
0860 0711 11123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12"	LF	$ 1.87	430	$ 804.10
0610 0700 20 12	SINGLE POST SIGN, F&I, 12-20 SF	AS	$ 1,250.00	8	$ 10,000.00
0630 0700 20 60	SINGLE POST SIGN, REMOVE	AS	$ 50.00	8	$ 400.00
0850 0706 3	RETRO-REFLECTIVE PAVEMENT MARKERS	EA	$ 3.75	40	$ 150.00
				Signing & Pavement Markings Subtotal	**$ 14,204.00**
0654 2 21	RECTANGULAR RAPID FLASHING BEACON, FURNISH & INSTALL- SOLAR POWERED, COMPLET	AS	$ 4,800.00	8	$ 38,400.00
0751 36 14	BICYCLE RACK, FURNISH & INSTALL, MORE THAN 10 BICYCLES	EA	$ 1,840.00	1	$ 1,840.00
				Signal and Other Subtotal	**$ 40,240.00**
				SUBTOTAL	**$ 76,201.00**
	General Mobilization			10%	$ 7,620.00
	Maintenance of Traffic (MOT)			10%	$ 7,620.00
	Misc. & Contingency (Not including major utility)			20%	$ 15,240.00
				CONSTRUCTION COST	**$ 106,681.00**
	Right of Way				$ -
	Administration			7%	$ 7,468.00
	Design (PE)			15%	$ 16,001.00
	CEI			15%	$ 16,002.00
				TOTAL PROJECT COST	**$ 146,152.00**


N
Nw 195th Ter
Nw 196th St
Nw 195th Ter
Nw 195th st
NW 45th Ct
Nw 194th St
Miami Gardens Elementary
NW 45th Ave
NW 44th St
Nw 191st St
NW 47th Ave
LEGEND
School Boundary

1.Move guardrail to front of sidewalk and install railing along the canal at NW 191 St @ NW 49 Ave
2.Upgrade school zone signs on NW 195 Street to flashers
3.Connect sidewalk to crosswalk along NW 195 St@ NW 45 Ct.
4.Install high emphasis crosswalk on NW 45 Ct @ NW 195 St
5.Connect sidewalk to crosswalk along NW 195 St @NW 44 Ct
6.Connect sidewalk to crosswalk on the NE corner of NW 194 St @ NW 44 Ct
7.Install high emphasis crosswalk on east leg of NW 194 St @ NW 44 Ct
8.Purchase a bike rack
9.Connect sidewalk to crosswalk on east side of NW 47 Ave @ NW 196 St
10.Install crosswalk on east side of NW 47 Ave @ NW 196 St
11.NW 47 Ave @ NW 195 St connect sidewalk to crosswalk in NE quadrant of intersection. Crosswalk ends on grass
12.NW 47 Ave@ NW 195 St install high emphasis crosswalk on east, west and south legs of the intersection.

LEGEND

- Crosswalk Improvements
- Sidewalk Improvements
- Guard Rail
- School Zone Signs & Flashers


Miami Gardens El
3241
NW
125
ST
I 95
NE 6 AVE
NW
86
ST
The little red and blue shapes represent the students.
The school house icon represents the schools location.
The large red shape represents the schools Attendance Boundary.
NOTE : There are 284 students that attend Miami Gardens El
191 of them live within the schools Attendance Boundary.

Florida's Safe Routes to School Infrastructure Application

Call for Applications

Note: fields will expand as needed

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 the Florida's Safe Routes to School Program. The Maintaining Agency is generally responsible for entering into a Local Agency Program (LAP) agreement with the FDOT to design, construct, and/or maintain the project. 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: **MIAMI**

School Name: **CARRIE P. MEEK/WESTVIEW K-8** Congressional District: **FLORIDA 24**

Type: Elementary: ☒ Middle: ☐ High: ☐

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

School Board: ☒ Private School: ☐ Maintaining Agency: ☐

Name of Applicant Agency/Organization: **MIAMI DADE SCHOOL BOARD**

Contact Person: **VIVIAN G. VILLAAMIL** Title: **DIRECTOR TRANSPORTATION PLANNING**

Mailing Address: **OFFICE OF GOVERNMENTAL AFFAIRS & LAND USE**
MIAMI-DADE COUNTY PUBLIC SCHOOLS
1450 N.E. 2ND AVE, ROOM 523, MIAMI, FL 33132

City: **MIAMI** State: **FLORIDA** Zip: **33132**

Daytime Phone: **(305) 995-7287 | FAX (305) 995-4760** E-mail: **VVILLAAMIL@DADESCHOOLS.NET**

Signature: Date: March 29, 2016

Typed name: **VIVIAN G. VILLAAMIL** Title: **DIRECTOR OF TRANSPORTATION PLANNING**

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

Signature: Date: 3/30/16

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: **MIAMI DADE COUNTY** DUNS Number:

Contact Person: **DARLENE FERNANDEZ, PE** Title: **ASSISTANT DIRECTOR OF TRAFFIC SERVICES**

Mailing Address:

Daytime Phone: E-mail:

City: State: **FLORIDA** Zip:

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: 3/31/16

Typed name: **DARLENE FERNANDEZ, PE** Title: **ASSISTANT DIRECTOR OF TRAFFIC SERVICES**

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

Name of MPO: **MIAMI-DADE METROPOLITAN PLANNING ORGANIZATION**

Contact Person: **DAVID HENDERSON** Title: **BICYCLE PEDESTRIAN ADMINISTRATOR**

Mailing Address: **111 NW 1ST STREET, SUITE 920**

City: **MIAMI** State: **FLORIDA** Zip: **33128**

Daytime Phone: **3053751647** E-mail: **DHENDERSON@MIAMIDADEMPO.GOV**

Signature: David Henderson Date: 3/30/2016

Typed name: **DAVID HENDERSON** Title: **BICYCLE PEDESTRIAN ADMINISTRATOR**

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 and Parent Survey forms 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 Student In-Class Travel Tally and Parent Survey forms 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 **fully** Local Agency Program (LAP) Certified by FDOT? (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 ***Yes,*** *what type certification do you have?* ☐ Planning ☐ Design ☐ Construction ☐ Construction Administration

E. 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 control devices included in this project? ☐ Yes ☐ No
Construct and maintain the project on a state road? ☐ Yes ☐ No ☐ N/A

F. 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?
BICYCLE/PEDESTRIAN ADVISORY COMMITTEE is aware of and supportive of SRTS infrastructure projects

Public Schools CTST Meeting - 2016 SRTS Projects Overview & 2016 Teen Driver Safety Poster & PSA Contest
When: Thursday, March 10, 2016 10:00 AM-12:30 PM (UTC-05:00) Eastern Time (US & Canada).
Where: SBAB Room 559

At the meetings the selection of the 10 schools for the 2016 applications were discussed as well as the process for identifying and developing the recommended projects. The meeting attendees were supportive of the school selection and process.

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

G. 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:

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/*

1. Engineering

1A. Past: CROSSWALKS ARE PRESENT AROUND THE SCHOOL. SCHOOL ZONE SIGNS ARE PRESENT AROUND SCHOOL. FLASHING LIGHTS IN SCHOOL ZONE APPEAR DURING ARRIVAL/ DISMISSAL. INTERSECTIONS AROUND THE SCHOOL HAVE PEDESTRIAN TRAFFIC SIGNS. SIDEWALKS ARE PRESENT AROUND THE SCHOOL.	**1B. Future:**

2. 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.

2A. Past: SCHOOL TEACHES A PEDESTRIAN SAFETY CURRICULUM TO STUDENTS IN GRADES K-5. SCHOOL TEACHES BICYCLE SAFETY CURRICULUM TO STUDENTS IN GRADES 6-8. DURING THE 2013-2014 ACADEMIC YEAR, THE SCHOOL HOSTED A SAFETY AWARENESS WEEK AND DISPLAYED SAFETY VISUALS THROUGHOUT THEIR SCHOOL. RESOURCES WERE PROVIDED TO ADULTS IN THE COMMUNITY AND ENFORCEMENT OFFICERS.	**2B. Future:**

3. Encouragement

3A. Past: SCHOOL PARTICIPATED IN INTERNATIONAL WALK TO SCHOOL DAY. STUDENTS ARE ENGAGED IN PEDESTRIAN/BIKE SAFETY CONTESTS. INFORMATION IS PROVIDED TO SCHOOL COMMUNITY ON BENEFITS OF WALKING/BIKING. STUDENTS AND STAFF THAT WALK/BIKE TO SCHOOL ARE POSITIVELY RECOGNIZED. A COMMUNITY –WIDE EFFORT IS MADE TO PROMOTE WALK/BIKE ACTIVITIES OR EVENTS.	**3B. Future:**

4. Enforcement

4A. Past: USE OF BICYCLE HELMET IS REQUIRED WHEN RIDING BIKE TO AND FROM SCHOOL. STAFF ENSURES STUDENT WALKING/BIKING ARRIVE/LEAVE SCHOOL IN AREA SEPARATE FROM VEHICLES. CROSSING GUARDS ARE PRESENT DURING ARRIVAL AND DISMISSAL. SCHOOL HAS STUDENT SAFETY PATROL OFFICERS. POLICE ARE PRESENT AT ARRIVAL/DISMISSAL AND PATROL THE NEIGHBORHOOD DURING THOSE TIMES. "EYES ON THE STREET" CAMPAIGN IS UTILIZED DURING ARRIVAL/DISMISSAL.	**4B. Future:**

5. Evaluation

5A. Past: SCHOOL KEEPS TRACK OF HOW MANY STUDENTS ARE WALKING/BIKING TO SCHOOL. RECORDS ARE ALSO KEPT OF WALKING/BIKING SAFETY INCIDENTS. SCHOOL KEEPS RECORDS OF PEDESTRIAN/ BICYCLE SAFETY CONCERNS. BUILT ENVIRONMENT AROUND THE SCHOOL IS EVALUATED BY SCHOOL ADMINISTRATION. SCHOOL REPORTS HAZARD AND WORKS TOWARDS RESOLVING SAFETY ISSUES.	**5B. Future:**

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.

A. HAZARDOUS WALKING CONDITIONS

Opportunity to resolve a documented hazardous walking condition and eliminate the resultant school busing.

☐ Yes ☐ No Include a discussion of public support for the project if busing were eliminated: Only 26 students use MDCPS busses to get to school. These are likely kids that live outside the attendance area and are too far away to walk

B. Are many students already walking or bicycling to this school in less than ideal conditions? ☐ Yes ☐ No

If Yes:

- Explain more about the number of students affected:
- Explain more about the conditions/obstacles which prevent walking or bicycling to your school:

C. Are enough students living near the school to allow many to walk or bike to school if conditions were improved?

☒ Yes ☐ No

If Yes:

- Explain more about the number of students living near the school and how this relates to the anticipated success of the proposed SRTS project:76% (552) of the 725 students live within the attendance boundary and 65% of students are within 1/2 mile of the school indicating potential increases in walking and biking. Currently, only 51% of students walk and bike.

D. Write a brief history of the neighborhood traffic issues as background for the proposed project:The 2010-2014 crash history for streets within the attendance boundary indicate a high number of pedestrian crashes in the neighborhood and on the surrounding major streets. The streets with the highest number of crashes are NW 27 Ave, NW 119 St, but there are bicycle and pedestrian crashes scattered throughout the neighborhood, indicating the need for a safe route where drivers can expect to see school children walking and crossing the streets. This school ranked 37 of 156 in the 2011 prioritization of schools needing Safe Routes to School Improvments.

E. 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?
The school includes students PK-8, 67% are in grades 2 through 8 which have a greater propensity to walk or bike. Over 95% of the school is eligible for free or reduced lunch indicating low income area which can reflect low auto ownership households which have higher walking and bicycle use.

F. Provide the percent of free or reduced lunch program at the affected school: 93% of students were eligible for free lunch and 2% for reduced lunch during the 2014 school year.

G. STUDENT TRAVEL DATA:

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

a. Number of students currently walking to school: 373
b. Number of students currently biking to school: 7
c. Total currently walking or biking to school (add a & b) 380
d. Number of students in this school: 746
e. Percent of students in school currently walking or biking to school: (c divided by d): 51

2. Route Data:

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

Section 5 – Specific Infrastructure Improvement(s) Requested

A. LOCATION ***Note: 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 ½ mile;	☐ ½ to 1 mile;	☐ 1 to 1 ½ miles;	☐ 1 ½ miles+	
Request #2 St. Name:	Maintaining Agency: ☐ City	☐ County	☐ State	
From:	To:			
Project's closest point to school: ☐ 0 to ½ mile;	☐ ½ to 1 mile;	☐ 1 to 1 ½ miles;	☐ 1 ½ 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. SIDEWALK, BIKE LANE, PAVED SHOULDER, OR SHARED USE PATH

☐ Continuation of Existing Sidewalk	☐ New Sidewalk
☐ Continuation of Existing Bike Lane	☐ New Bike Lane (includes re-striping or reconstruction)
☐ Continuation of Paved Shoulder	☐ New Paved Shoulder
☐ Continuation of Shared Use Path	☐ New Shared Use Path

Comments: describe below your requests in detail, including location, length, side of road, etc.

Request #1:
Request #2:

See Attachment for additional project sites: ☒

Describe any other requests:

C. TRAFFIC CONTROLS Mark all that apply in regard to traffic control devices:

☐ We have all necessary traffic control devices **(Proceed to E)**

☐ We need pedestrian signals (features)	☐ We need other school-related signals/beacons
☐ We need traffic signs	☐ We need other school-related signs
☒ We need marked crosswalks	☐ We need other roadway markings

Describe the existing and needed traffic controls:

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

St 1: Posted Speed Limit:	Operating Speed:	AADT:
St 2: Posted Speed Limit:	Operating Speed:	AADT:

Section 6 – Cost Estimate

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

- FDOT Transportation Costs website gives various resources, including FDOT District contact in the Estimates Offices, who can help you with your cost estimate: http://www.dot.state.fl.us/programmanagement/staff.shtm

Projects must follow appropriate design criteria. Projects on the State Highway System must follow the criteria in the Plans Preparation Manual (PPM), FDOT Standard Specifications 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: www.dot.state.fl.us/rddesign/CS/CS.shtm

Construction Cost	**$131,085.00**
Maintenance of Traffic (MOT)	**$13,109.00**
Mobilization	**$13,109.00**
Subtotal	**$157,313.00**
Contingency **(Locally Funded)**	**$26,217.00**
Total Construction Cost	**$183,520.00**
Professional Engineering Design	**$27,527.00**
Construction Engineering and Inspection	**$27,528.00**
GRAND TOTAL	**$251421**

Section 6B– Cost Estimate Narrative

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

NAME OF COST ESTIMATOR:

Section 7 - Submission Checklist

Notes: These will be counted toward total application score.

REQUIRED:

A. ☒ Color project map showing school location
B. ☒ Map showing existing conditions
C. ☒ Map showing proposed improvements
D. ☒ Map showing where students attending school live
E. ☐ Proof of Right of Way
F. ☐ Parent Survey Results
G. ☒ Student Tally Results
H. ☐ Letters of support
I. ☒ Copy of public notice, sign in sheet and minutes of public meetings
J. ☒ Documentation if Hazardous Walking Condition

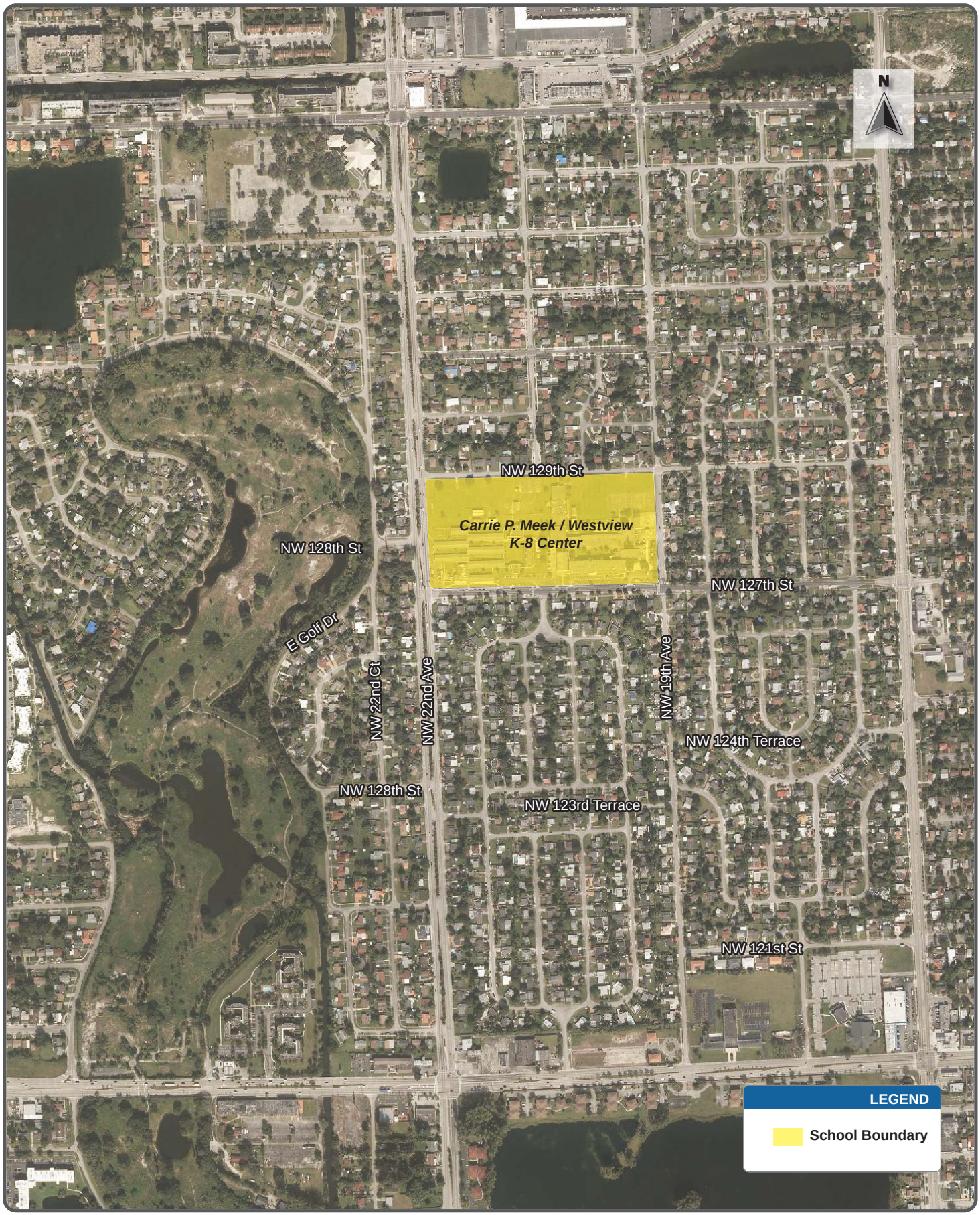
ADDITIONAL:

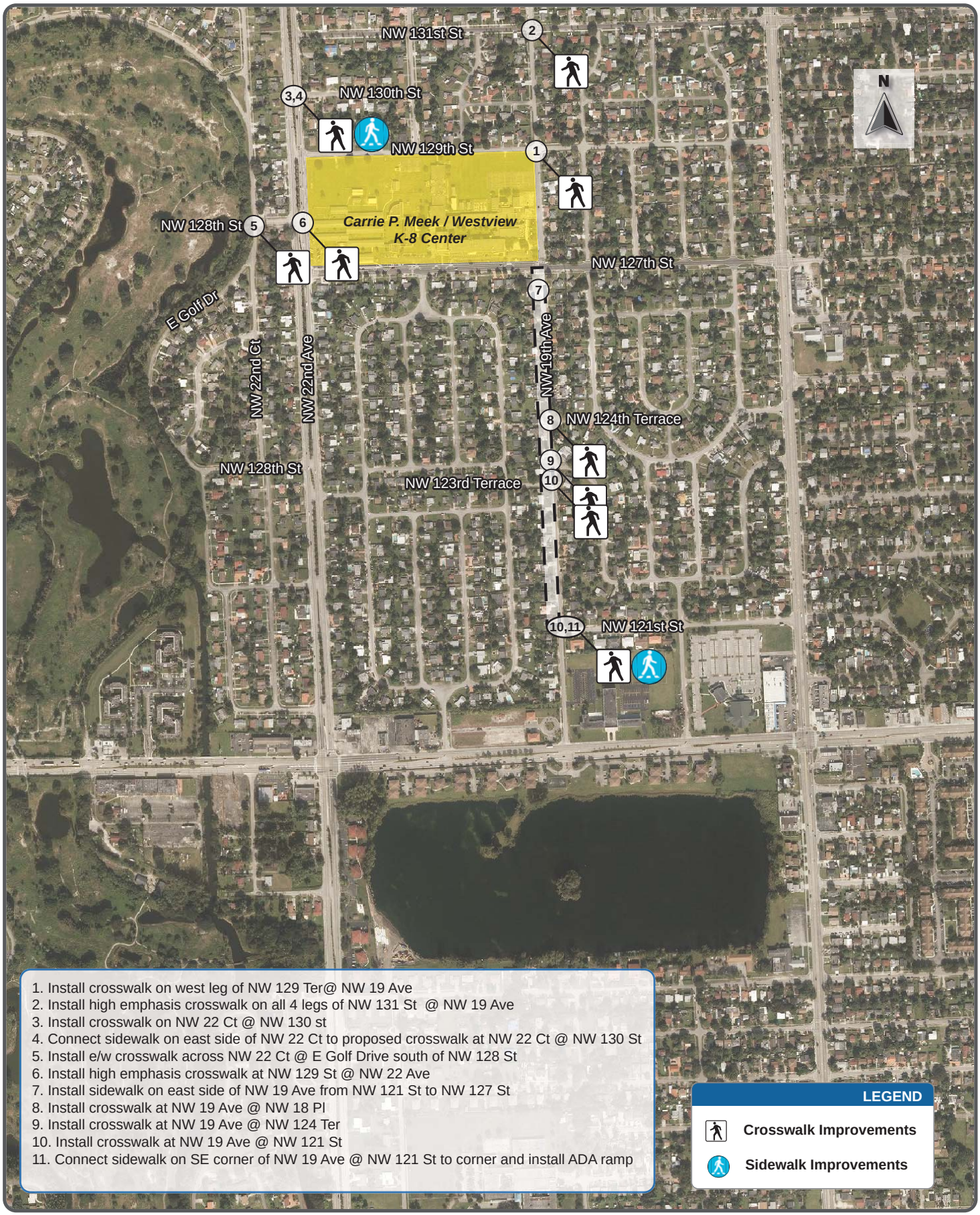
K. ☐ Traffic/Engineering report evaluating the problem
L. ☒ Crash Data
M. ☒ Color Digital photos showing existing conditions

CONCEPTUAL COST ESTIMATE

LOCATION: Carrie P. Meek/Westview K-8 Center
DESCRIPTION: Safety Improvements

PAY ITEM NO.	DESCRIPTION	UNIT	UNIT COST	QUANTITY	AMOUNT
				Structure/Drainage Structure Subtotal	**$ -**
0380 0522 1	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	SY	$ 75.00	1,410	$ 105,750.00
0110 2 1	CLEARING & GRUBBING (PUSH BUTTON CONTRACT)	AC	$ 18,642.34	0.5	$ 9,321.17
				Roadway Subtotal	**$ 115,071.00**
1090 0711 16211	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	NM	$ 6,250.00	0.188	$ 1,175.00
0870 0711 11125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24"	LF	$ 3.75	660	$ 2,475.00
0860 0711 11123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12"	LF	$ 1.87	950	$ 1,776.50
0610 0700 20 12	SINGLE POST SIGN, F&I, 12-20 SF	AS	$ 1,250.00	8	$ 10,000.00
0630 0700 20 60	SINGLE POST SIGN, REMOVE	AS	$ 50.00	8	$ 400.00
0850 0706 3	RETRO-REFLECTIVE PAVEMENT MARKERS	EA	$ 3.75	50	$ 187.50
				Signing & Pavement Markings Subtotal	**$ 16,014.00**
				Signal and Other Subtotal	**$ -**
				SUBTOTAL	**$ 131,085.00**
	General Mobilization			10%	$ 13,109.00
	Maintenance of Traffic (MOT)			10%	$ 13,109.00
	Misc. & Contingency (Not including major utility)			20%	$ 26,217.00
				CONSTRUCTION COST	**$ 183,520.00**
	Right of Way				$ -
	Administration			7%	$ 12,846.00
	Design (PE)			15%	$ 27,527.00
	CEI			15%	$ 27,528.00
				TOTAL PROJECT COST	**$ 251,421.00**

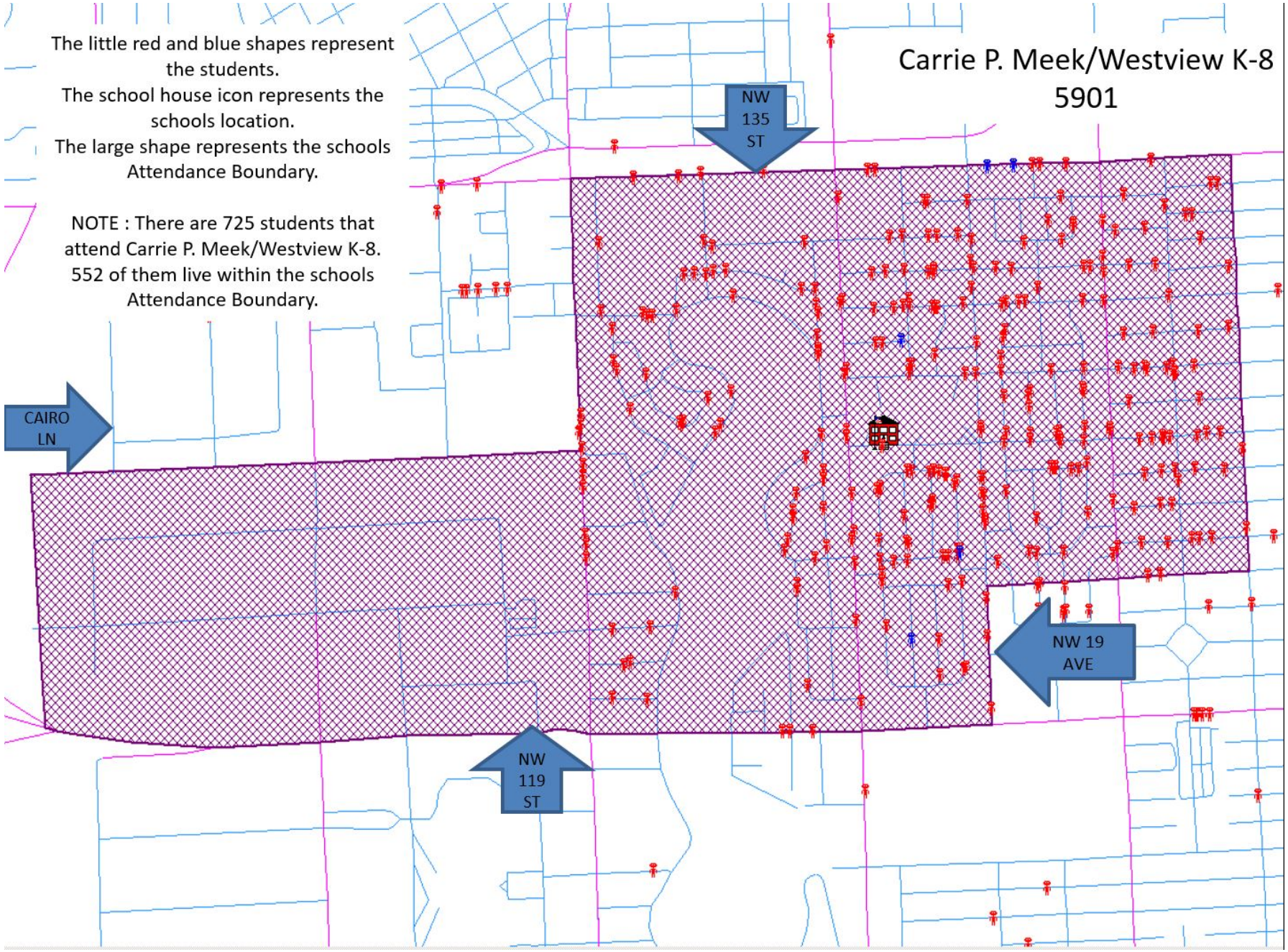

N
NW 129th St
Carrie P. Meek / Westview K-8 Center
NW 128th St
NW 127th St
E Golf Dr
NW 22nd Ct
NW 22nd Ave
NW 19th Ave
NW 124th Terrace
NW 128th St
NW 123rd Terrace
NW 121st St
LEGEND
School Boundary



1. Install crosswalk on west leg of NW 129 Ter@ NW 19 Ave
2. Install high emphasis crosswalk on all 4 legs of NW 131 St @ NW 19 Ave
3. Install crosswalk on NW 22 Ct @ NW 130 st
4. Connect sidewalk on east side of NW 22 Ct to proposed crosswalk at NW 22 Ct @ NW 130 St
5. Install e/w crosswalk across NW 22 Ct @ E Golf Drive south of NW 128 St
6. Install high emphasis crosswalk at NW 129 St @ NW 22 Ave
7. Install sidewalk on east side of NW 19 Ave from NW 121 St to NW 127 St
8. Install crosswalk at NW 19 Ave @ NW 18 Pl
9. Install crosswalk at NW 19 Ave @ NW 124 Ter
10. Install crosswalk at NW 19 Ave @ NW 121 St
11. Connect sidewalk on SE corner of NW 19 Ave @ NW 121 St to corner and install ADA ramp

LEGEND

- Crosswalk Improvements
- Sidewalk Improvements


Carrie P. Meek/Westview K-8
5901
The little red and blue shapes represent the students.
The school house icon represents the schools location.
The large shape represents the schools Attendance Boundary.
NOTE : There are 725 students that attend Carrie P. Meek/Westview K-8. 552 of them live within the schools Attendance Boundary.
NW 135 ST
CAIRO LN
NW 19 AVE
NW 119 ST

Florida's Safe Routes to School Infrastructure Application

Call for Applications

Note: fields will expand as needed

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 the Florida's Safe Routes to School Program. The Maintaining Agency is generally responsible for entering into a Local Agency Program (LAP) agreement with the FDOT to design, construct, and/or maintain the project. 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: **MIAMI**

School Name: **HUBERT O. SIBLEY K-8 CENTER** Congressional District: **FLORIDA 24**

Type: Elementary: ☒ Middle: ☐ High: ☐

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

School Board: ☒ Private School: ☐ Maintaining Agency: ☐

Name of Applicant Agency/Organization: **MIAMI DADE SCHOOL BOARD**

Contact Person: **VIVIAN G. VILLAAMIL** Title: **DIRECTOR TRANSPORTATION PLANNING**

Mailing Address: **OFFICE OF GOVERNMENTAL AFFAIRS & LAND USE**
MIAMI-DADE COUNTY PUBLIC SCHOOLS
1450 N.E. 2ND AVE, ROOM 523, MIAMI, FL 33132

City: **MIAMI** State: **FLORIDA** Zip: **33132**

Daytime Phone: **(305) 995-7287 | FAX (305) 995-4760** E-mail: **VVILLAAMIL@DADESCHOOLS.NET**

Signature: Date: March 29, 2016

Typed name: **VIVIAN G. VILLAAMIL** Title: **DIRECTOR OF TRANSPORTATION PLANNING**

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

Signature: Date: 3/30/16

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: **MIAMI DADE COUNTY** DUNS Number:

Contact Person: **DARLENE FERNANDEZ, PE** Title: **ASSISTANT DIRECTOR OF TRAFFIC SERVICES**

Mailing Address:

Daytime Phone: E-mail:

City: State: **FLORIDA** Zip:

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: 3/31/16

Typed name: **DARLENE FERNANDEZ, PE** Title: **ASSISTANT DIRECTOR OF TRAFFIC SERVICES**

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

Name of MPO: **MIAMI-DADE METROPOLITAN PLANNING ORGANIZATION**

Contact Person: **DAVID HENDERSON** Title: **BICYCLE PEDESTRIAN ADMINISTRATOR**

Mailing Address: **111 NW 1ST STREET, SUITE 920**

City: **MIAMI** State: **FLORIDA** Zip: **33128**

Daytime Phone: **3053751647** E-mail: **DHENDERSON@MIAMIDADEMPO.GOV**

Signature: David Henderson	Date: 3/30/2016
Typed name: **DAVID HENDERSON**	Title: **BICYCLE PEDESTRIAN ADMINISTRATOR**

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 and Parent Survey forms 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 Student In-Class Travel Tally and Parent Survey forms 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 **fully** Local Agency Program (LAP) Certified by FDOT? (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 ***Yes,*** *what type certification do you have?* ☐ Planning ☐ Design ☐ Construction ☐ Construction Administration

E. 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 control devices included in this project? ☐ Yes ☐ No
Construct and maintain the project on a state road? ☐ Yes ☐ No ☐ N/A

F. 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?
BICYCLE/PEDESTRIAN ADVISORY COMMITTEE
TUESDAY, MARCH 22, 2016, 5:30 P.M.
STEPHEN P CLARK GOVERNMENT CENTER
111 NORTHWEST FIRST STREET, Miami, FL 33128
CONFERENCE room 18-4 (18th floor)

Public Schools CTST Meeting - 2016 SRTS Projects Overview & 2016 Teen Driver Safety Poster & PSA Contest
When: Thursday, March 10, 2016 10:00 AM-12:30 PM (UTC-05:00) Eastern Time (US & Canada).
Where: SBAB Room 559

At the meetings the selection of the 10 schools for the 2016 applications were discussed as well as the process for identifyimg and developing the recommended projects. The meeting attendees were supportive of the school selection and process.

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
G. 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:

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/*

1. Engineering

1A. Past:	1B. Future:
SCHOOL HAS A DESIGNATED BICYCLE STORAGE RACK AND IT IS SECURED DURING SCHOOL HOURS TO PREVENT THEFT.	

2. 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.

2A. Past:	2B. Future:
SCHOOL TEACHES BOTH BIKE/PEDESTRIAN SAFETY CURRICULUM. SCHOOLS HOSTED A SAFETY AWARENESS WEEK AND DISPLAYED SAFETY VISUALS THROUGHOUT THEIR SCHOOL. SCHOOL PROVIDES DAILY SAFETY TIPS OVER MORNING ANNOUNCEMENTS. RESOURCES WERE PROVIDED TO ADULTS IN THE COMMUNITY AND ENFORCEMENT OFFICERS.	

3. Encouragement

3A. Past:	3B. Future:
THE USE OF BICYCLE HELMET IS REQUIRED AND ENFORCED FOR STUDENTS BIKING TO AND FROM SCHOOL.	

4. Enforcement

4A. Past:	4B. Future:
TEACHERS PARTICIPATE IN ARRIVAL/DISMISSAL PROCEDURES. SCHOOL ENFORCES PARENT PICK-UP AND BUS LOOP POLICIES TO PARENTS IN THE BEGINNING OF THE YEAR. SCHOOL HAS AAA SAFETY PATROL OFFICERS AND TRAINS THEM ANNUALLY. PTA MEMBERS OR REGISTERED VOLUNTEERS KEEP "EYES ON THE STREET" DURING ARRIVAL/DISMISSAL HOURS. SCHOOL ENSURES THAT STUDENTS WALKING/BIKING ARRIVE AND LEAVE SCHOOL IN AN AREA SEPARATE FROM VEHICLES.	**THE SCHOOL HOPES TO ENGAGE STUDENTS IN WRITING THEMED ACTIVITIES, PROVIDE WALK/BIKING INFORMATION TO ADULTS IN THE COMMUNITY, KEEP RECORDS OF PEDESTRIAN/BICYCLE SAFETY CONCERNS AND INCIDENTS, CONDUCT EVALUATION OF SURROUNDING ENVIRONMENT USING THE SCHOOL AUDIT TOOL, ENSURES STUDENTS WALKING AND BIKING ARRIVE/LEAVE SCHOOL IN AN AREA SEPARATE FROM VEHICLES**

5. Evaluation

5A. Past:	5B. Future:
SCHOOL COMPLETED THE SCHOOL MAPPING TOOL. SCHOOL KEEPS TRACK OF HOW MANY STUDENTS WALK AND BIKE TO SCHOOL.	

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.

A. HAZARDOUS WALKING CONDITIONS

Opportunity to resolve a documented hazardous walking condition and eliminate the resultant school busing.

☐ Yes ☐ No Include a discussion of public support for the project if busing were eliminated:

B. Are many students already walking or bicycling to this school in less than ideal conditions? ☐ Yes ☐ No

If Yes:

- Explain more about the number of students affected:
- Explain more about the conditions/obstacles which prevent walking or bicycling to your school:

C. Are enough students living near the school to allow many to walk or bike to school if conditions were improved?

☒ Yes ☐ No

If Yes:

- Explain more about the number of students living near the school and how this relates to the anticipated success of the proposed SRTS project:87% (730) of the 840 students live within the attendance boundary and only 21% of students currently walk or bike to school, indicating potential increases in walking and biking.

D. Write a brief history of the neighborhood traffic issues as background for the proposed project:The 2010-2014 crash history for streets within the attendance boundary indicate that most pedestrian and bicycle crashes occur on the major arterials such as NW 95 St, NE 103 St, and NW 119 St. There are a few crashes along NW 5 Ave as well. Hubert O. Sibley K-8 ranked 75 of 156 in the 2011 prioritization of schools needing Safe Routes to School Improvements.

E. 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?
The school includes students PK-8, 76% are in grades 2 through 8 which have a greater propensity to walk or bike. Over 87% of the school is eligible for free or reduced lunch indicating low income area which can reflect low auto ownership households which have higher walking and bicycle use.

F. Provide the percent of free or reduced lunch program at the affected school: 83% of students were eligible for free lunch and 4% for reduced lunch during the 2014 school year.

G. STUDENT TRAVEL DATA:

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

a. Number of students currently walking to school: 166
b. Number of students currently biking to school: 8
c. Total currently walking or biking to school (add a & b) 174
d. Number of students in this school: 828
e. Percent of students in school currently walking or biking to school: (c divided by d): 21

2. Route Data:

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

Section 5 – Specific Infrastructure Improvement(s) Requested

A. LOCATION ***Note: 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 ½ mile;	☐ ½ to 1 mile;	☐ 1 to 1 ½ miles;	☐ 1 ½ miles+	
Request #2 St. Name:	Maintaining Agency: ☐ City	☐ County	☐ State	
From:	To:			
Project's closest point to school: ☐ 0 to ½ mile;	☐ ½ to 1 mile;	☐ 1 to 1 ½ miles;	☐ 1 ½ 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. SIDEWALK, BIKE LANE, PAVED SHOULDER, OR SHARED USE PATH

☐ Continuation of Existing Sidewalk	☐ New Sidewalk
☐ Continuation of Existing Bike Lane	☐ New Bike Lane (includes re-striping or reconstruction)
☐ Continuation of Paved Shoulder	☐ New Paved Shoulder
☐ Continuation of Shared Use Path	☐ New Shared Use Path

Comments: describe below your requests in detail, including location, length, side of road, etc.

Request #1:
Request #2:

See Attachment for additional project sites: ☒

Describe any other requests:

C. TRAFFIC CONTROLS Mark all that apply in regard to traffic control devices:

☐ We have all necessary traffic control devices **(Proceed to E)**

☐ We need pedestrian signals (features)	☐ We need other school-related signals/beacons
☐ We need traffic signs	☐ We need other school-related signs
☒ We need marked crosswalks	☐ We need other roadway markings

Describe the existing and needed traffic controls:

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

St 1: Posted Speed Limit:	Operating Speed:	AADT:
St 2: Posted Speed Limit:	Operating Speed:	AADT:

Section 6 – Cost Estimate

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

- FDOT Transportation Costs website gives various resources, including FDOT District contact in the Estimates Offices, who can help you with your cost estimate: http://www.dot.state.fl.us/programmanagement/staff.shtm

Projects must follow appropriate design criteria. Projects on the State Highway System must follow the criteria in the Plans Preparation Manual (PPM), FDOT Standard Specifications 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: www.dot.state.fl.us/rddesign/CS/CS.shtm

Construction Cost	**$98,029.00**
Maintenance of Traffic (MOT)	**$9,803.00**
Mobilization	**$9,803.00**
Subtotal	**$117,635.00**
Contingency **(Locally Funded)**	**$19,606.00**
Total Construction Cost	**$137,241.00**
Professional Engineering Design	**$20,585.00**
Construction Engineering and Inspection	**$20,586.00**
GRAND TOTAL	**$188019**

Section 6B– Cost Estimate Narrative

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

NAME OF COST ESTIMATOR:

Section 7 - Submission Checklist

Notes: These will be counted toward total application score.

REQUIRED:

A. ☒ Color project map showing school location
B. ☒ Map showing existing conditions
C. ☒ Map showing proposed improvements
D. ☒ Map showing where students attending school live
E. ☐ Proof of Right of Way
F. ☐ Parent Survey Results
G. ☒ Student Tally Results
H. ☐ Letters of support
I. ☒ Copy of public notice, sign in sheet and minutes of public meetings
J. ☒ Documentation if Hazardous Walking Condition

ADDITIONAL:

K. ☐ Traffic/Engineering report evaluating the problem
L. ☒ Crash Data
M. ☒ Color Digital photos showing existing conditions

CONCEPTUAL COST ESTIMATE

LOCATION: Hubert O. Sibley Elementary
DESCRIPTION: Safety Improvements

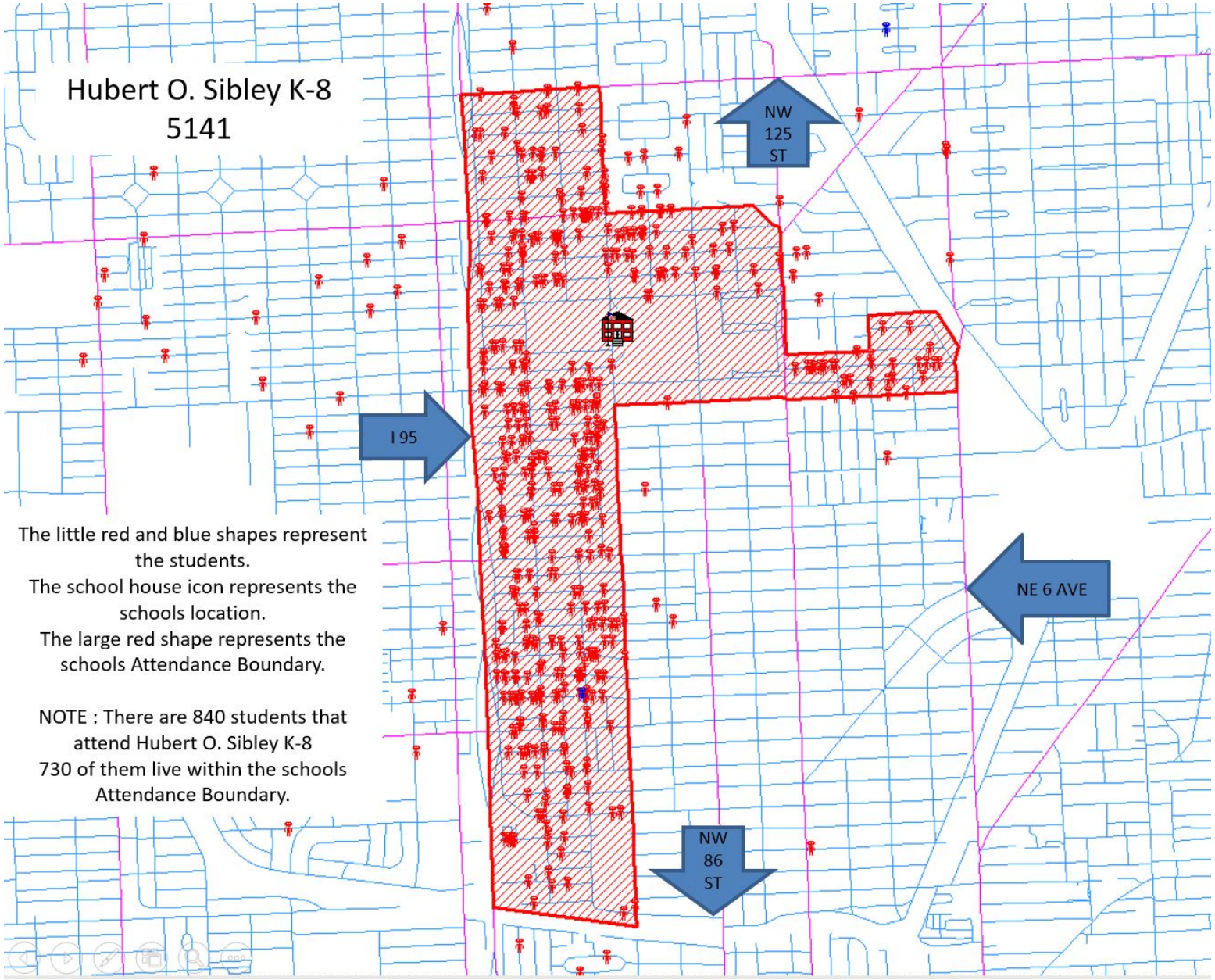
PAY ITEM NO.	DESCRIPTION	UNIT	UNIT COST	QUANTITY	AMOUNT
				Structure/Drainage Structure Subtotal	$ -
0380 0522 1	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	SY	$ 75.00	902	$ 67,650.00
0110 4 1	REMOVAL OF EXISTING CONCRETE SIDEWALK - FOR PUSH BUTTON/MAINTENANCE CONTRA	SF	$ 38.00	65	$ 2,470.00
0110 2 1	CLEARING & GRUBBING (PUSH BUTTON CONTRACT)	AC	$ 18,642.34	0.3	$ 5,592.70
				Roadway Subtotal	**$ 75,713.00**
0880 0711 11160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE	EA	$ 125.00	12	$ 1,500.00
1080 0711 16111	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	NM	$ 6,500.00	0.3	$ 1,950.00
0610 0700 20 12	SINGLE POST SIGN, F&I, 12-20 SF	AS	$ 1,250.00	10	$ 12,500.00
0630 0700 20 60	SINGLE POST SIGN, REMOVE	AS	$ 50.00	10	$ 500.00
1090 0711 16211	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	NM	$ 6,250.00	0.22	$ 1,375.00
0870 0711 11125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24"	LF	$ 3.75	780	$ 2,925.00
0860 0711 11123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12"	LF	$ 1.87	630	$ 1,178.10
0850 0706 3	RETRO-REFLECTIVE PAVEMENT MARKERS	EA	$ 3.75	40	$ 150.00
				Signing & Pavement Markings Subtotal	**$ 22,316.00**
				Signal and Other Subtotal	**$ -**
				SUBTOTAL	**$ 98,029.00**
	General Mobilization			10%	$ 9,803.00
	Maintenance of Traffic (MOT)			10%	$ 9,803.00
	Misc. & Contingency (Not including major utility)			20%	$ 19,606.00
				CONSTRUCTION COST	**$ 137,241.00**
	Right of Way				$ -
	Administration			7%	$ 9,607.00
	Design (PE)			15%	$ 20,585.00
	CEI			15%	$ 20,586.00
				TOTAL PROJECT COST	**$ 188,019.00**

1. Install no parking signs on south side of NW 115 to prohibit student dropoff on wrong side of the street
2. NW 115 St from NW 3 Ave to NW 5 Ave install sidewalk, striping, and pavement markings to delineate edge of travel lane and separate pedestrians from traffic.
3. Complete sidewalk on NE corner of NW 5 Ave @ NW 115 Street.
4. Install east west crosswalks for walkers to cross NW 5 Ave @ NW 115 St
5. Install school zone sign on NW 5 Ave northbound approaching NW 115 st
6. Install high emphasis crosswalks on NW 5 Ave @ NW 103 St
7. Complete sidewalk along nw2 Ave from NW 112 Terrace to NW 115 Street
8. Install crosswalk along NW 2 Ave@ NW 112th Terrace on west leg

LEGEND

- Crosswalk Improvements
- Sidewalk Improvements
- School Zone Signs
- No Parking
- Sidewalk Segment


N
SR 924 / NW 118th St
NW 118th St
NW 117th St
NW 116th St
NW 115th St
SW 72nd Ave
Hubert O. Sibley Elementary
NW 113th St
NW 2nd Ave
NW 111th St
I-95 Express
NW 107th St
NW 5th Ave
NW 2nd Ave
N Miami ave
SR 932 / NW 103rd St
LEGEND
School Boundary


Hubert O. Sibley K-8
5141
NW 125 ST
I 95
NE 6 AVE
NW 86 ST
The little red and blue shapes represent the students.
The school house icon represents the schools location.
The large red shape represents the schools Attendance Boundary.
NOTE : There are 840 students that attend Hubert O. Sibley K-8
730 of them live within the schools Attendance Boundary.

Florida's Safe Routes to School Infrastructure Application

Call for Applications

Note: fields will expand as needed

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 the Florida's Safe Routes to School Program. The Maintaining Agency is generally responsible for entering into a Local Agency Program (LAP) agreement with the FDOT to design, construct, and/or maintain the project. 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: **MIAMI**

School Name: **FLAGAMI ELEMENTARY** Congressional District: **FLORIDA 27**

Type: Elementary: ☒ Middle: ☐ High: ☐

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

School Board: ☒ Private School: ☐ Maintaining Agency: ☐

Name of Applicant Agency/Organization: **MIAMI DADE SCHOOL BOARD**

Contact Person: **VIVIAN G. VILLAAMIL** Title: **DIRECTOR TRANSPORTATION PLANNING**

Mailing Address: **OFFICE OF GOVERNMENTAL AFFAIRS & LAND USE**
MIAMI-DADE COUNTY PUBLIC SCHOOLS
1450 N.E. 2ND AVE, ROOM 523, MIAMI, FL 33132

City: **MIAMI** State: **FLORIDA** Zip: **33132**

Daytime Phone: **(305) 995-7287 | FAX (305) 995-4760** E-mail: **VVILLAAMIL@DADESCHOOLS.NET**

Signature: Date: March 29, 2016

Typed name: **VIVIAN G. VILLAAMIL** Title: **DIRECTOR OF TRANSPORTATION PLANNING**

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

Signature: Date: 3/30/16

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: **MIAMI DADE COUNTY** DUNS Number:

Contact Person: **DARLENE FERNANDEZ, PE** Title: **ASSISTANT DIRECTOR OF TRAFFIC SERVICES**

Mailing Address:

Daytime Phone: E-mail:

City: State: **FLORIDA** Zip:

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: 3/31/16

Typed name: **DARLENE FERNANDEZ, PE** Title: **ASSISTANT DIRECTOR OF TRAFFIC SERVICES**

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

Name of MPO: **MIAMI-DADE METROPOLITAN PLANNING ORGANIZATION**

Contact Person: **DAVID HENDERSON** Title: **BICYCLE PEDESTRIAN ADMINISTRATOR**

Mailing Address: **111 NW 1ST STREET, SUITE 920**

City: **MIAMI** State: **FLORIDA** Zip: **33128**

Daytime Phone: **3053751647** E-mail: **DHENDERSON@MIAMIDADEMPO.GOV**

Signature: Date: 3/30/2016

Typed name: DAVID HENDERSON Title: **BICYCLE PEDESTRIAN ADMINISTRATOR**

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 and Parent Survey forms 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 Student In-Class Travel Tally and Parent Survey forms 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 **fully** Local Agency Program (LAP) Certified by FDOT? (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 ***Yes,*** *what type certification do you have?* ☐ Planning ☐ Design ☐ Construction ☐ Construction Administration

E. 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 control devices included in this project? ☐ Yes ☐ No
Construct and maintain the project on a state road? ☐ Yes ☐ No ☐ N/A

F. 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?
BICYCLE/PEDESTRIAN ADVISORY COMMITTEE
TUESDAY, MARCH 22, 2016, 5:30 P.M.
STEPHEN P CLARK GOVERNMENT CENTER
111 NORTHWEST FIRST STREET, Miami, FL 33128
CONFERENCE room 18-4 (18th floor)

Public Schools CTST Meeting - 2016 SRTS Projects Overview & 2016 Teen Driver Safety Poster & PSA Contest
When: Thursday, March 10, 2016 10:00 AM-12:30 PM (UTC-05:00) Eastern Time (US & Canada).
Where: SBAB Room 559

At the meetings the selection of the 10 schools for the 2016 applications were discussed as well as the process for identifyimg and developing the recommended projects. The meeting attendees were supportive of the school selection and process.

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

G. 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:

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/*

1. Engineering

1A. Past:	1B. Future:

2. 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.

2A. Past: SCHOOL TEACHES PEDESTRIAN SAFETY CURRICULUM TO STUDENTS IN GRADES K-5.	2B. Future:

3. Encouragement

3A. Past: SCHOOL HAS STUDENT SAFETY PATROL OFFICERS. SCHOOL PARTICIPATES IN INTERNATIONAL WALK TO SCHOOL DAY	3B. Future:

4. Enforcement

4A. Past:	4B. Future:

5. Evaluation

5A. Past: THE AMOUNT OF STUDENTS WALKING/ BICYCLING TO SCHOOL ARE RECORDED THROUGH INDIVIDUAL TEACHER REPORTS.	5B. Future:

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.

A. HAZARDOUS WALKING CONDITIONS

Opportunity to resolve a documented hazardous walking condition and eliminate the resultant school busing.

☐ Yes ☐ No Include a discussion of public support for the project if busing were eliminated:

B. Are many students already walking or bicycling to this school in less than ideal conditions? ☐ Yes ☐ No

If Yes:

- Explain more about the number of students affected:
- Explain more about the conditions/obstacles which prevent walking or bicycling to your school:

C. Are enough students living near the school to allow many to walk or bike to school if conditions were improved?

☒ Yes ☐ No

If Yes:

- Explain more about the number of students living near the school and how this relates to the anticipated success of the proposed SRTS project:90% (405) of the 448 students live within the attendance boundary and 74% of students are within 1/2 mile of the school indicating potential increases in walking and biking.

D. Write a brief history of the neighborhood traffic issues as background for the proposed project:The 2010-2014 crash history for streets within the attendance boundary indicate that most pedestrian crashes occur along SW 8 St, which is a major arterial. Very few streets south of SW 8 St have sidewalks, but there have been some pedestrian safety improvements implemented in the vicinity of the school. Surveys indicate that a very high number of students are driven to school, which causes substantial traffic congestion in the neighborhood during pick up and drop off times.Flagami Elementary School ranked 100 of 156 in the 2011 prioritization of schools needing Safe Routes to School Improvements.

E. 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?
The school includes students PK-5, 64% are in grades 2 through 5 which have a greater propensity to walk or bike. Over 89% of the school is eligible for free or reduced lunch indicating low income area which can reflect low auto ownership households which have higher walking and bicycle use.

F. Provide the percent of free or reduced lunch program at the affected school: 78% of students were eligible for free lunch and 11% for reduced lunch during the 2014 school year.

G. STUDENT TRAVEL DATA:

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

a. Number of students currently walking to school: 0
b. Number of students currently biking to school: 0
c. Total currently walking or biking to school (add a & b) 0
d. Number of students in this school: 448
e. Percent of students in school currently walking or biking to school: (c divided by d): 0

2. Route Data:

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

Section 5 – Specific Infrastructure Improvement(s) Requested

A. LOCATION ***Note: 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 ½ mile;	☐ ½ to 1 mile;	☐ 1 to 1 ½ miles;	☐ 1 ½ miles+	
Request #2 St. Name:	Maintaining Agency: ☐ City	☐ County	☐ State	
From:	To:			
Project's closest point to school: ☐ 0 to ½ mile;	☐ ½ to 1 mile;	☐ 1 to 1 ½ miles;	☐ 1 ½ 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. SIDEWALK, BIKE LANE, PAVED SHOULDER, OR SHARED USE PATH

☐ Continuation of Existing Sidewalk	☐ New Sidewalk
☐ Continuation of Existing Bike Lane	☐ New Bike Lane (includes re-striping or reconstruction)
☐ Continuation of Paved Shoulder	☐ New Paved Shoulder
☐ Continuation of Shared Use Path	☐ New Shared Use Path

Comments: describe below your requests in detail, including location, length, side of road, etc.

Request #1:
Request #2:

See Attachment for additional project sites: ☒

Describe any other requests:

C. TRAFFIC CONTROLS Mark all that apply in regard to traffic control devices:

☐ We have all necessary traffic control devices **(Proceed to E)**

☐ We need pedestrian signals (features)	☐ We need other school-related signals/beacons
☐ We need traffic signs	☐ We need other school-related signs
☒ We need marked crosswalks	☐ We need other roadway markings

Describe the existing and needed traffic controls:

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

St 1: Posted Speed Limit:	Operating Speed:	AADT:
St 2: Posted Speed Limit:	Operating Speed:	AADT:

Section 6 – Cost Estimate

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

- FDOT Transportation Costs website gives various resources, including FDOT District contact in the Estimates Offices, who can help you with your cost estimate: http://www.dot.state.fl.us/programmanagement/staff.shtm

Projects must follow appropriate design criteria. Projects on the State Highway System must follow the criteria in the Plans Preparation Manual (PPM), FDOT Standard Specifications 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: www.dot.state.fl.us/rddesign/CS/CS.shtm

Construction Cost	**$116,290.00**
Maintenance of Traffic (MOT)	**$23,258.00**
Mobilization	**$23,258.00**
Subtotal	**$162,806.00**
Contingency **(Locally Funded)**	**$34,887.00**
Total Construction Cost	**$197,693.00**
Professional Engineering Design	**$29,653.00**
Construction Engineering and Inspection	**$39,539.00**
GRAND TOTAL	**$280724**

Section 6B– Cost Estimate Narrative

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

NAME OF COST ESTIMATOR:

Section 7 - Submission Checklist

Notes: These will be counted toward total application score.

REQUIRED:

A. ☒ Color project map showing school location
B. ☒ Map showing existing conditions
C. ☒ Map showing proposed improvements
D. ☒ Map showing where students attending school live
E. ☐ Proof of Right of Way
F. ☐ Parent Survey Results
G. ☒ Student Tally Results
H. ☐ Letters of support
I. ☒ Copy of public notice, sign in sheet and minutes of public meetings
J. ☒ Documentation if Hazardous Walking Condition

ADDITIONAL:

K. ☐ Traffic/Engineering report evaluating the problem
L. ☒ Crash Data
M. ☒ Color Digital photos showing existing conditions

CONCEPTUAL COST ESTIMATE

LOCATION: Flagami Elementary
DESCRIPTION: Safety Improvements

PAY ITEM NO.	DESCRIPTION	UNIT	UNIT COST	QUANTITY	AMOUNT
				Structure/Drainage Structure Subtotal	**$ -**
0380 0522 1	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	SY	$ 75.00	1,043	$ 78,225.00
0110 2 1	CLEARING & GRUBBING (PUSH BUTTON CONTRACT)	AC	$ 18,642.34	0.4	$ 7,456.94
0110 4 1	REMOVAL OF EXISTING CONCRETE SIDEWALK - FOR PUSH BUTTON/MAINTENANCE CONTRA	SF	$ 38.00	82	$ 3,116.00
				Roadway Subtotal	**$ 88,798.00**
0630 0700 20 60	SINGLE POST SIGN, REMOVE	AS	$ 50.00	12	$ 600.00
0610 0700 20 12	SINGLE POST SIGN, F&I, 12-20 SF	AS	$ 1,250.00	12	$ 15,000.00
1090 0711 16211	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	NM	$ 6,250.00	0.046	$ 287.50
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0860 0711 11123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12"	LF	$ 1.87	580	$ 1,084.60
0850 0706 3	RETRO-REFLECTIVE PAVEMENT MARKERS	EA	$ 3.75	20	$ 75.00
				Signing & Pavement Markings Subtotal	**$ 18,660.00**
1375 0653191	PEDESTRIAN SIGNAL, F&I, LED - COUNT DOWN, 1 DIRECTION	AS	$ 912.00	8	$ 7,296.00
1485 0690 20	SIGNAL PEDESTRIAN ASSEMBLY REMOVAL	EA	$ 192.00	8	$ 1,536.00
				Signal and Other Subtotal	**$ 8,832.00**
				SUBTOTAL	**$ 116,290.00**
	General Mobilization			20%	$ 23,258.00
	Maintenance of Traffic (MOT)			20%	$ 23,258.00
	Misc. & Contingency (Not including major utility)			30%	$ 34,887.00
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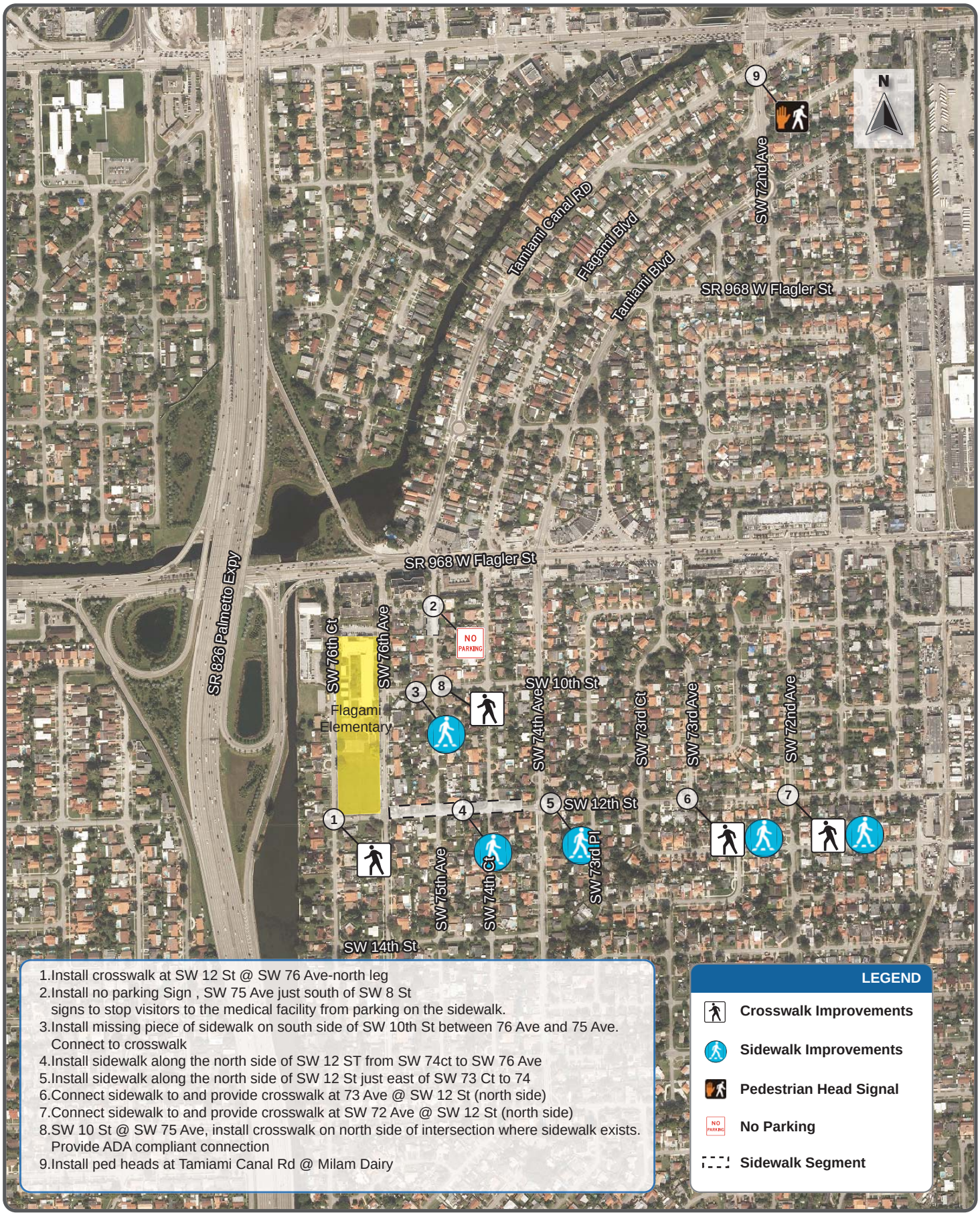
	Right of Way				$ -
	Administration			7%	$ 13,839.00
	Design (PE)			15%	$ 29,653.00
	CEI			20%	$ 39,539.00
				TOTAL PROJECT COST	**$ 280,724.00**

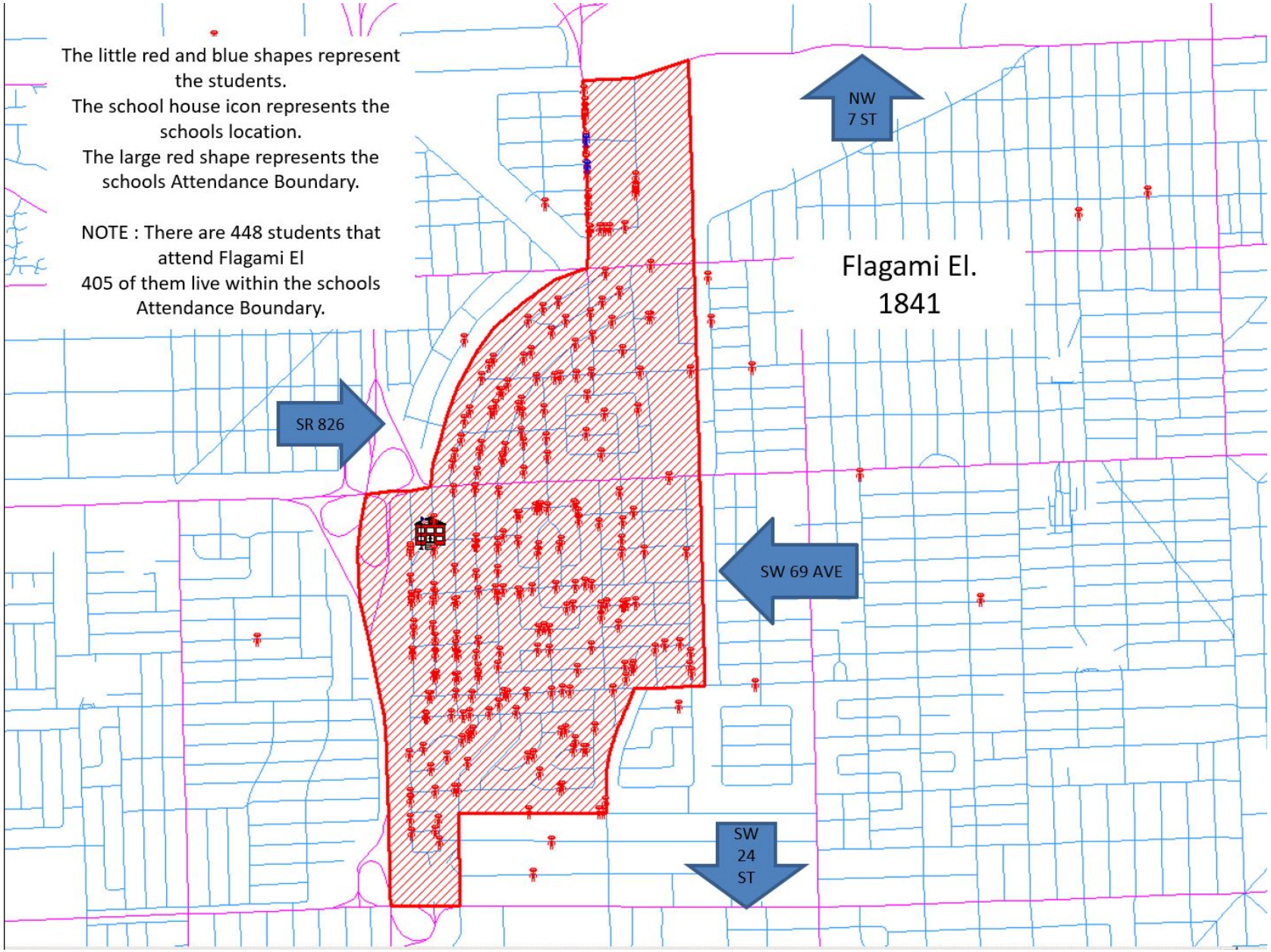

N
Tamiami Canal RD
Flagami Blvd
Tamiami Blvd
SW 72nd Ave
SR 968 W Flagler St
SR 826 Palmetto Expy
SW 76th Ct
SW 76th Ave
Flagami Elementary
SW 10th St
SW 74th Ave
SW 73rd Ct
SW 73rd Ave
SW 72nd Ave
SW 12th St
SW 73rd Pl
SW 75th Ave
SW 74th Ct
SW 14th St
LEGEND
School Boundary



1.Install crosswalk at SW 12 St @ SW 76 Ave-north leg
2.Install no parking Sign , SW 75 Ave just south of SW 8 St
signs to stop visitors to the medical facility from parking on the sidewalk.
3.Install missing piece of sidewalk on south side of SW 10th St between 76 Ave and 75 Ave.
Connect to crosswalk
4.Install sidewalk along the north side of SW 12 ST from SW 74ct to SW 76 Ave
5.Install sidewalk along the north side of SW 12 St just east of SW 73 Ct to 74
6.Connect sidewalk to and provide crosswalk at 73 Ave @ SW 12 St (north side)
7.Connect sidewalk to and provide crosswalk at SW 72 Ave @ SW 12 St (north side)
8.SW 10 St @ SW 75 Ave, install crosswalk on north side of intersection where sidewalk exists.
Provide ADA compliant connection
9.Install ped heads at Tamiami Canal Rd @ Milam Dairy

LEGEND

- Crosswalk Improvements
- Sidewalk Improvements
- Pedestrian Head Signal
- No Parking
- Sidewalk Segment


The little red and blue shapes represent the students.
The school house icon represents the schools location.
The large red shape represents the schools Attendance Boundary.
NOTE : There are 448 students that attend Flagami El
405 of them live within the schools Attendance Boundary.
Flagami El.
1841
NW 7 ST
SR 826
SW 69 AVE
SW 24 ST

Florida's Safe Routes to School Infrastructure Application

Call for Applications

Note: fields will expand as needed

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 the Florida's Safe Routes to School Program. The Maintaining Agency is generally responsible for entering into a Local Agency Program (LAP) agreement with the FDOT to design, construct, and/or maintain the project. 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: **MIAMI GARDENS**

School Name: **BUNCHE PARK ELEMENTARY** Congressional District: **FLORIDA 24 ANF FLORIDA 25**

Type: Elementary: ☒ Middle: ☐ High: ☐

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

School Board: ☒ Private School: ☐ Maintaining Agency: ☐

Name of Applicant Agency/Organization: **MIAMI DADE SCHOOL BOARD**

Contact Person: **VIVIAN G. VILLAAMIL** Title: **DIRECTOR| TRANSPORTATION PLANNING**

Mailing Address: **OFFICE OF GOVERNMENTAL AFFAIRS & LAND USE**
MIAMI-DADE COUNTY PUBLIC SCHOOLS
1450 N.E. 2ND AVE, ROOM 523, MIAMI, FL 33132

City: **MIAMI** State: **FLORIDA** Zip: **33132**

Daytime Phone: **(305) 995-7287 | FAX (305) 995-4760** E-mail: **VVILLAAMIL@DADESCHOOLS.NET**

Signature: Date: March 29, 2016

Typed name: **VIVIAN G.** VILLAAMIL Title: **DIRECTOR OF TRANSPORTATION PLANNING**

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

Signature: Date: 3/30/16

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: **MIAMI DADE COUNTY** DUNS Number:

Contact Person: **DARLENE FERNANDEZ, PE** Title: **ASSISTANT DIRECTOR OF TRAFFIC SERVICES**

Mailing Address:

Daytime Phone: E-mail:

City: State: **FLORIDA** Zip:

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: 3/31/16

Typed name: **DARLENE FERNANDEZ, PE** Title: **ASSISTANT DIRECTOR OF TRAFFIC SERVICES**

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

Name of MPO: **MIAMI-DADE METROPOLITAN PLANNING ORGANIZATION**

Contact Person: **DAVID HENDERSON** Title: **BICYCLE PEDESTRIAN ADMINISTRATOR**

Mailing Address: **111 NW 1ST STREET, SUITE 920**

City: **MIAMI** State: **FLORIDA** Zip: **33128**

Daytime Phone: **3053751647** E-mail: **DHENDERSON@MIAMIDADEMPO.GOV**

Signature: David Henderson Date: 3/30/2016

Typed name: **DAVID HENDERSON** Title: **BICYCLE PEDESTRIAN ADMINISTRATOR**

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 and Parent Survey forms 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 Student In-Class Travel Tally and Parent Survey forms 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 **fully** Local Agency Program (LAP) Certified by FDOT? (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 ***Yes,*** *what type certification do you have?* ☐ Planning ☐ Design ☐ Construction ☐ Construction Administration

E. 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 control devices included in this project? ☐ Yes ☐ No
Construct and maintain the project on a state road? ☐ Yes ☐ No ☐ N/A

F. 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?
BICYCLE/PEDESTRIAN ADVISORY COMMITTEE
TUESDAY, MARCH 22, 2016, 5:30 P.M.
STEPHEN P CLARK GOVERNMENT CENTER
111 NORTHWEST FIRST STREET, Miami, FL 33128
CONFERENCE room 18-4 (18th floor)

Public Schools CTST Meeting - 2016 SRTS Projects Overview & 2016 Teen Driver Safety Poster & PSA Contest
When: Thursday, March 10, 2016 10:00 AM-12:30 PM (UTC-05:00) Eastern Time (US & Canada).
Where: SBAB Room 559

At meetings the selection of the 10 schools for the 2016 applications were discussed as well as the process for id etify and development of the recommended projects.

Public Schools CTST Meeting - 2016 SRTS Projects Overview & 2016 Teen Driver Safety Poster & PSA Contest
When: Thursday, March 10, 2016 10:00 AM-12:30 PM (UTC-05:00) Eastern Time (US & Canada).
Where: SBAB Room 559

At the meetings the selection of the 10 schools for the 2016 applications were discussed as well as the process for identifyimg and developing the recommended projects. The meeting attendees were supportive of the school selection and process.

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

G. 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:

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/*

1. Engineering

1A. Past:	1B. Future:
SCHOOL HAS A BICYCLE STORAGE FACILITY SUCH AS A BIKE RACK.	

2. 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.

2A. Past:	2B. Future:
THE SCHOOL TEACHES A PEDESTRIAN SAFETY CURRICULUM TO STUDENTS IN GRADES K-5. DURING THE 2013-2014 ACADEMIC SCHOOL YEAR, THE SCHOOL PARTICIPATED IN THE WALKSAFE SPECIAL EDUCATION CURRICULUM PILOT TESTING AND CURRICULUM IMPLEMENTATION. THE SCHOOL CONTINUES TO TEACH THE WALKSAFE SPECIAL EDUCATION CURRICULUM TO STUDENTS. SCHOOL DISTRIBUTED PEDESTRIAN SAFETY INFORMATION TO ADULTS IN THE COMMUNITY	

3. Encouragement

3A. Past:	3B. Future:
SCHOOL WILL BE PARTICIPATING IN 2015 BIKE TO SCHOOL DAY EVENT. THE SCHOOL ALSO PARTICIPATES IN THE INTERNATIONAL WALK TO SCHOOL DAY EVENT.	

4. Enforcement

4A. Past:	4B. Future:
SCHOOL HAS ONE CROSSING GUARD.	

5. Evaluation

5A. Past:	5B. Future:

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.

A. HAZARDOUS WALKING CONDITIONS

Opportunity to resolve a documented hazardous walking condition and eliminate the resultant school busing.

☐ Yes ☐ No Include a discussion of public support for the project if busing were eliminated:

B. Are many students already walking or bicycling to this school in less than ideal conditions? ☐ Yes ☐ No

If Yes:

- Explain more about the number of students affected:Survey shows that aproximatley 109 (29%) students walk, 4 (1%) bike, 4 (1%) carpool and 2 (.5%) skateboard to school daily.
- Explain more about the conditions/obstacles which prevent walking or bicycling to your school:Observed a very well controlled operation for school day end. There were teachers and the Principal managing traffic and students at main pick-up faciltiy. Bus operations were in a separate area. Observed a need for ADA access to buses. There is new school under con struction on-site. The biggest obstacle is NW 22nd Ave. which has significant traffic. We observed 3 crossing gaurds on NW 22nd Ave at 2 main intercetions but there are 2 other intersections that could use gaurds to increase walking and biking.

C. Are enough students living near the school to allow many to walk or bike to school if conditions were improved?

☒ Yes ☐ No

If Yes:

- Explain more about the number of students living near the school and how this relates to the anticipated success of the proposed SRTS project:239 (64%) of the 376 students live within the attendance boundary, 218 (58%) of students are within 1/2 mile of the school indicating improvements could increases in walking and biking activity.

D. Write a brief history of the neighborhood traffic issues as background for the proposed project: We spoke with the Prinicpal in the field and she indicated that a new school is being built on-site. Access to the new school will flip over to the east die of the school. Signage will have to be changed adjacent to the school. Bus access and Pick-up drop-off is currently on adjacent roads and will be accomodated on-site once new school is built. Prinicipal indicated that this is truly a neighborhood school which indicates a high propensity for walking.

We also noticed that students attending the North Dade Middle School are using the South Florida Water Management District Canal south of NW 55th Terrace right of way as a cut through from NW 22nd Ave to the school.

The Bunche Park and Pool is also in close proximity the both schools and would also benefit from pedestrian and bicycle improvements.

Pedestrian and bicycle conditions on NW 167th Street are in poor condition. The road serves as a distributor for SR 826 and is lined with single family homes. We observed pedestrians in the corridor with high speed traffic. There are no sidewalks and in some places there is a 5 foot shoulder but for the most part the shoulder is filled with dirt and sand and is less than 5 feet wide. There are many driveways which aslo adds to poor visibility and additional obstacles for pedestrians and bicyclists.

E. 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?
The school includes students PK-5, 69% are in grades 2 through 5 which have a greater propensity to walk or bike. Over 93% of the school is eligible for free or reduced lunch indicating low income and probable low auto ownership which shows high demand for walking and biking.

F. Provide the percent of free or reduced lunch program at the affected school: 93% of students were eligible for free lunch and 3% for reduced lunch during the 2014 school year.

G. STUDENT TRAVEL DATA:

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

a. Number of students currently walking to school: 111
b. Number of students currently biking to school: 2
c. Total currently walking or biking to school (add a & b) 113
d. Number of students in this school: 383
e. Percent of students in school currently walking or biking to school: (c divided by d): 29.5

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

Section 5 – Specific Infrastructure Improvement(s) Requested

A. LOCATION ***Note: 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 ½ mile;	☐ ½ to 1 mile;	☐ 1 to 1 ½ miles;	☐ 1 ½ miles+	
Request #2 St. Name:	Maintaining Agency: ☐ City	☐ County	☐ State	
From:	To:			
Project's closest point to school: ☐ 0 to ½ mile;	☐ ½ to 1 mile;	☐ 1 to 1 ½ miles;	☐ 1 ½ 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. SIDEWALK, BIKE LANE, PAVED SHOULDER, OR SHARED USE PATH

☐ Continuation of Existing Sidewalk	☐ New Sidewalk
☐ Continuation of Existing Bike Lane	☐ New Bike Lane (includes re-striping or reconstruction)
☐ Continuation of Paved Shoulder	☐ New Paved Shoulder
☐ Continuation of Shared Use Path	☐ New Shared Use Path

Comments: describe below your requests in detail, including location, length, side of road, etc.

Request #1:
Request #2:

See Attachment for additional project sites: ☒

Describe any other requests:

C. TRAFFIC CONTROLS Mark all that apply in regard to traffic control devices:
☐ We have all necessary traffic control devices **(Proceed to E)**

☐ We need pedestrian signals (features)	☐ We need other school-related signals/beacons
☐ We need traffic signs	☐ We need other school-related signs
☒ We need marked crosswalks	☐ We need other roadway markings

Describe the existing and needed traffic controls:

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

St 1: Posted Speed Limit:	Operating Speed:	AADT:
St 2: Posted Speed Limit:	Operating Speed:	AADT:

Section 6 – Cost Estimate

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

- FDOT Transportation Costs website gives various resources, including FDOT District contact in the Estimates Offices, who can help you with your cost estimate: http://www.dot.state.fl.us/programmanagement/staff.shtm

Projects must follow appropriate design criteria. Projects on the State Highway System must follow the criteria in the Plans Preparation Manual (PPM), FDOT Standard Specifications 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: www.dot.state.fl.us/rddesign/CS/CS.shtm

Construction Cost	**$21,542.00**
Maintenance of Traffic (MOT)	**$2,154.00**
Mobilization	**$2,154.00**
Subtotal	**$25,850.00**
Contingency **(Locally Funded)**	**$4,308.00**
Total Construction Cost	**$30,158.00**
Professional Engineering Design	**$4,523.00**
Construction Engineering and Inspection	**$4,524.00**
GRAND TOTAL	**$41316**

Section 6B– Cost Estimate Narrative

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

NAME OF COST ESTIMATOR:

Section 7 - Submission Checklist

Notes: These will be counted toward total application score.

REQUIRED:

A. ☒Color project map showing school location
B. ☒Map showing existing conditions
C. ☒Map showing proposed improvements
D. ☒Map showing where students attending school live
E. ☐Proof of Right of Way
F. ☐Parent Survey Results
G. ☒Student Tally Results
H. ☐Letters of support
I. ☒Copy of public notice, sign in sheet and minutes of public meetings
J. ☒Documentation if Hazardous Walking Condition

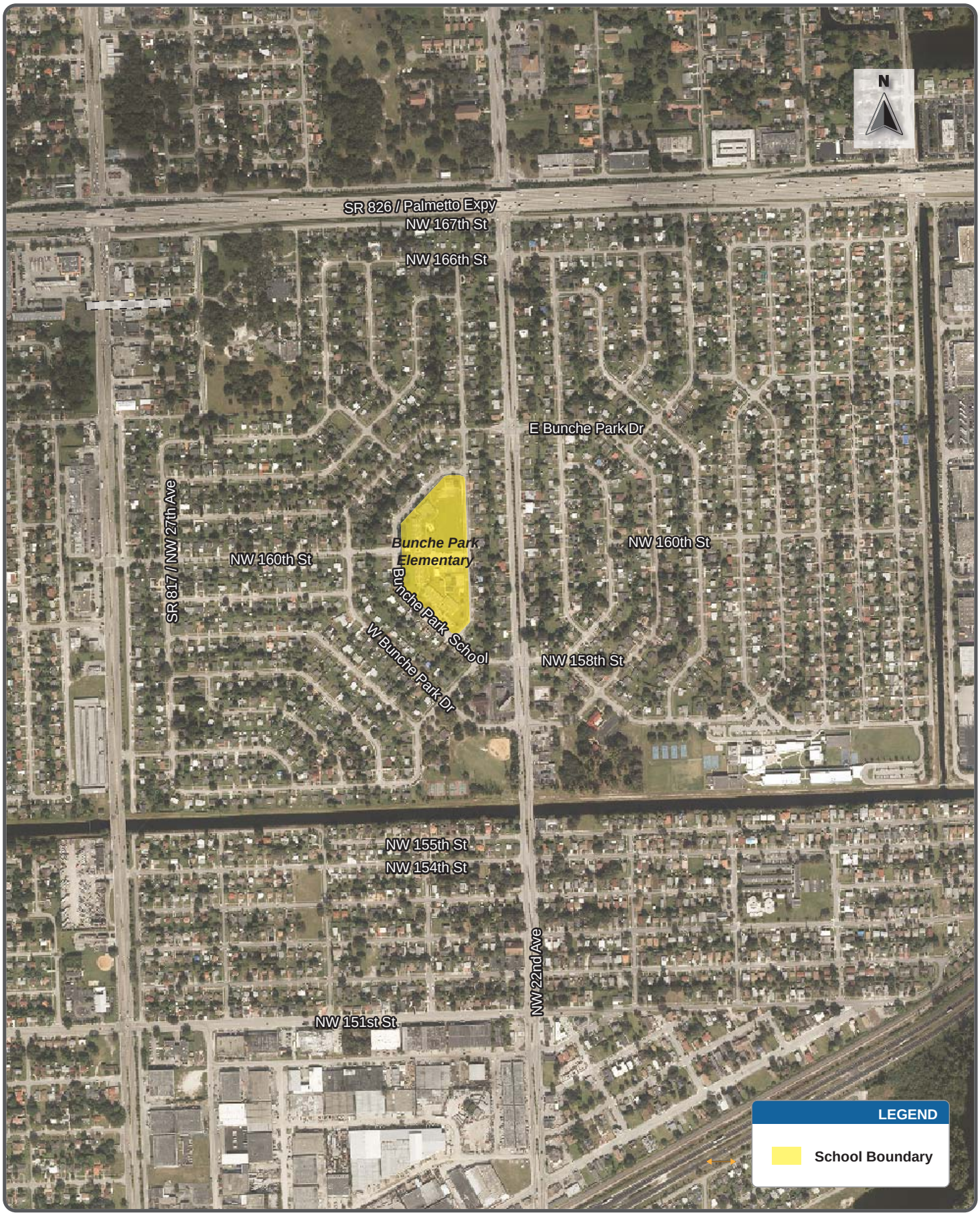
ADDITIONAL:

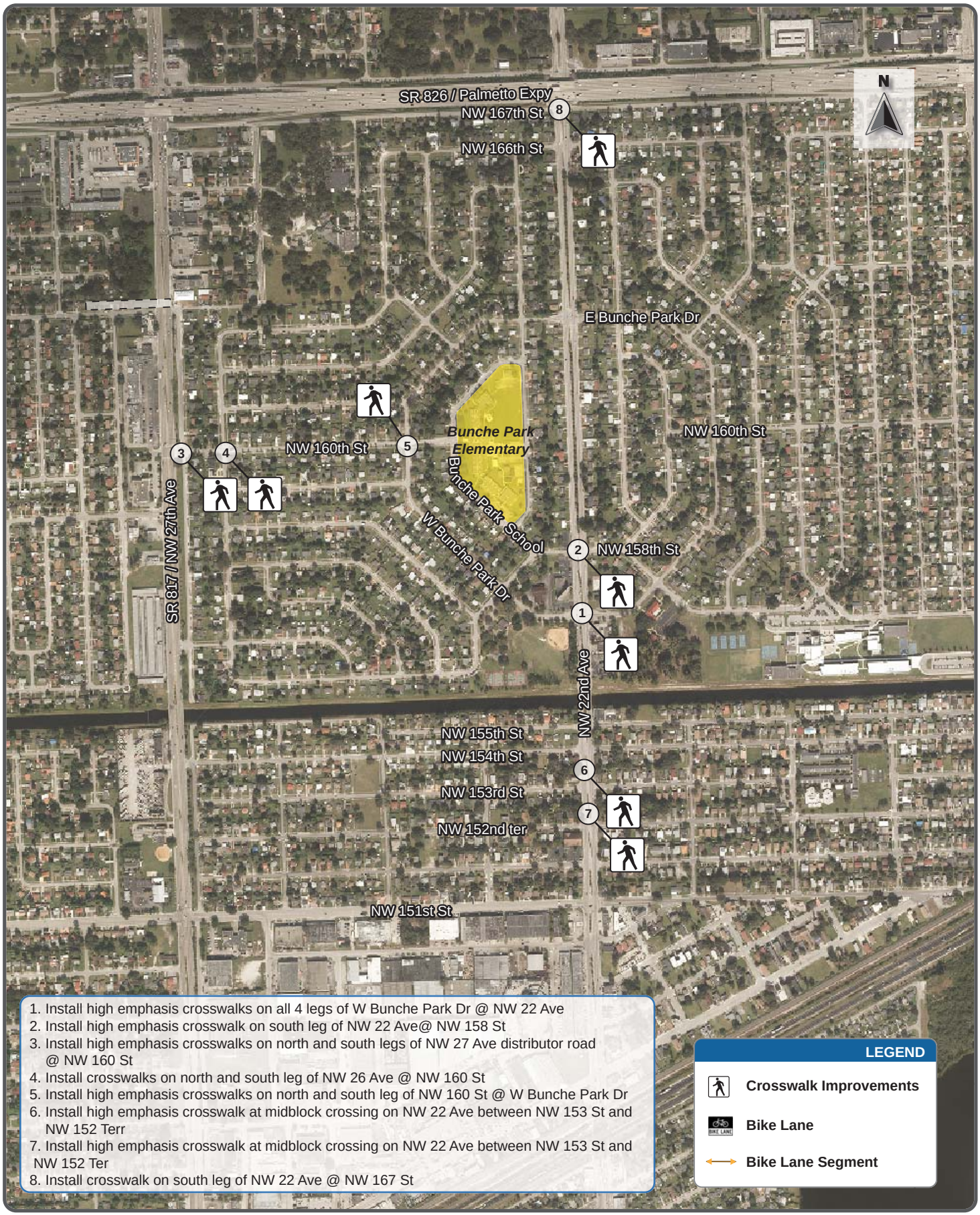
K. ☐Traffic/Engineering report evaluating the problem
L. ☒Crash Data
M. ☒Color Digital photos showing existing conditions

CONCEPTUAL COST ESTIMATE

LOCATION: Bunche Park Elementary
DESCRIPTION: Safety Improvements

PAY ITEM NO.	DESCRIPTION	UNIT	UNIT COST	QUANTITY	AMOUNT
				Structure/Drainage Structure Subtotal	$ -
				Roadway Subtotal	$ -
0950 0711 12125	THERMOPLASTIC, REFURBISHMENT, WHITE, SOLID, 24"	LF	$ 3.75	300	$ 1,125.00
0630 0700 20 60	SINGLE POST SIGN, REMOVE	AS	$ 50.00	8	$ 400.00
0610 0700 20 12	SINGLE POST SIGN, F&I, 12-20 SF	AS	$ 1,250.00	8	$ 10,000.00
1090 0711 16211	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	NM	$ 6,250.00	0.2	$ 1,250.00
0870 0711 11125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24"	LF	$ 3.75	1,100	$ 4,125.00
0860 0711 11123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12"	LF	$ 1.87	1,560	$ 2,917.20
0940 0711 12123	THERMOPLASTIC, REFURBISHMENT, WHITE, SOLID, 12"	LF	$ 1.50	1,000	$ 1,500.00
0850 0706 3	RETRO-REFLECTIVE PAVEMENT MARKERS	EA	$ 3.75	60	$ 225.00
				Signing & Pavement Markings Subtotal	**$ 21,542.00**
				Signal and Other Subtotal	$ -
				SUBTOTAL	**$ 21,542.00**
	General Mobilization			10%	$ 2,154.00
	Maintenance of Traffic (MOT)			10%	$ 2,154.00
	Misc. & Contingency (Not including major utility)			20%	$ 4,308.00
				CONSTRUCTION COST	**$ 30,158.00**
	Right of Way				$ -
	Administration			7%	$ 2,111.00
	Design (PE)			15%	$ 4,523.00
	CEI			15%	$ 4,524.00
				TOTAL PROJECT COST	**$ 41,316.00**

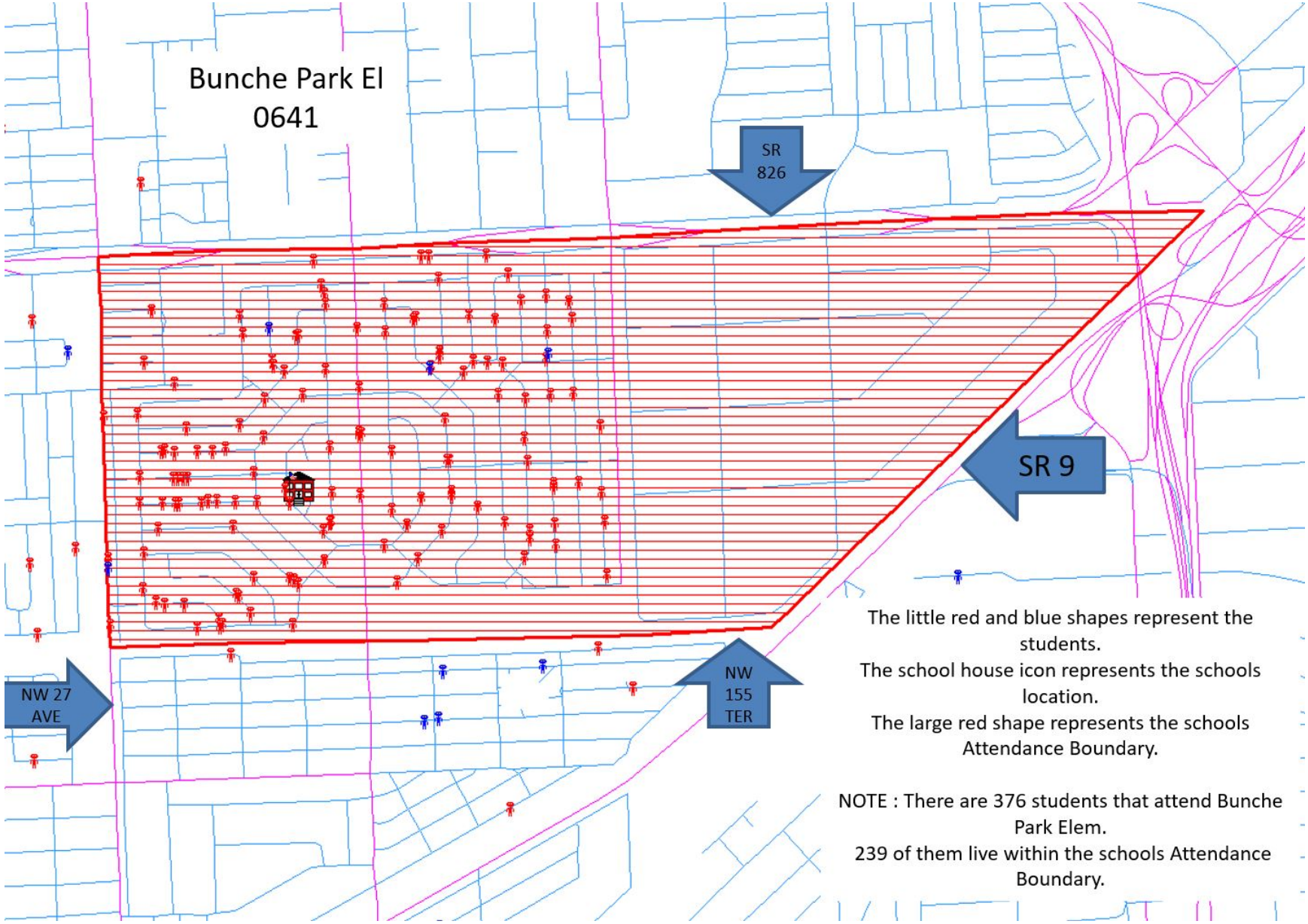

N
SR 826 / Palmetto Expy
NW 167th St
NW 166th St
E Bunche Park Dr
SR 817 / NW 27th Ave
NW 160th St
Bunche Park Elementary
Bunche Park School
W Bunche Park Dr
NW 160th St
NW 158th St
NW 155th St
NW 154th St
NW 22nd Ave
NW 151st St
LEGEND
School Boundary



1. Install high emphasis crosswalks on all 4 legs of W Bunche Park Dr @ NW 22 Ave
2. Install high emphasis crosswalk on south leg of NW 22 Ave@ NW 158 St
3. Install high emphasis crosswalks on north and south legs of NW 27 Ave distributor road @ NW 160 St
4. Install crosswalks on north and south leg of NW 26 Ave @ NW 160 St
5. Install high emphasis crosswalks on north and south leg of NW 160 St @ W Bunche Park Dr
6. Install high emphasis crosswalk at midblock crossing on NW 22 Ave between NW 153 St and NW 152 Terr
7. Install high emphasis crosswalk at midblock crossing on NW 22 Ave between NW 153 St and NW 152 Ter
8. Install crosswalk on south leg of NW 22 Ave @ NW 167 St

LEGEND

- Crosswalk Improvements
- Bike Lane
- Bike Lane Segment


Bunche Park El
0641
SR
826
SR 9
NW 27
AVE
NW
155
TER
The little red and blue shapes represent the students.
The school house icon represents the schools location.
The large red shape represents the schools Attendance Boundary.
NOTE : There are 376 students that attend Bunche Park Elem.
239 of them live within the schools Attendance Boundary.