

Village of Palmetto Bay | Villagewide Traffic Calming Study



Prepared For:
Village of Palmetto Bay

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1.0 INTRODUCTION

MARLIN Engineering Inc. (MARLIN) was retained by the Village of Palmetto Bay to evaluate the local speed, volume, crash occurrence and overall traffic patterns to determine locations within the Village where traffic calming measures should be recommended. Based on the analysis of traffic conditions, MARLIN will develop a Village-wide Traffic Calming Master Plan incorporating traffic calming measures for roadway segments that met the threshold values established for the Village of Palmetto Bay in agreement with Miami-Dade County's Department of Transportation and Public Works (DTPW).

1.1 Study Area

The Village of Palmetto Bay is a municipality within the limits of Miami-Dade County. It is bounded by SR 5/US1/South Dixie Highway to the west, SW 184th Street to the south, SW 136th Street to the north extending to Biscayne Bay and the City of Coral Gables to the east.

For the purpose of this study in consideration of the geography of the Village and differences in land-use and traffic characteristics, the area was divided into three zones as follows:

Zone 1: North of SW 152nd Street and south of SW 136th Street, east of SR 5/US1/South Dixie Highway and west of City of Coral Gables.

Zone 2: North of SW 168th Street and south of SW 152nd Street, east of SR 5/US1/South Dixie Highway and west of Biscayne Bay.

Zone 3: North of SW 184th Street and south of SW 168th Street, east of SR 5/US1/South Dixie Highway Southbound and west of Biscayne Bay.

Detailed map with the Village limits and described zones is shown in **Figure 1**.

1.2 Objectives and Approach

Based on input from Village residents, the major traffic issues are excessive speeding, volume, and safety. The objective of this Traffic Calming Study is to address these concerns at critical locations to reduce the effects of motor vehicles on the residential neighborhoods, promote pedestrian and bicycle use and increase the quality of life throughout the Village.

The following steps were followed to meet these objectives:

- Meet with residents to obtain input on issues and areas of concern
- Review and consolidate concerns
- Determine critical locations within the study area

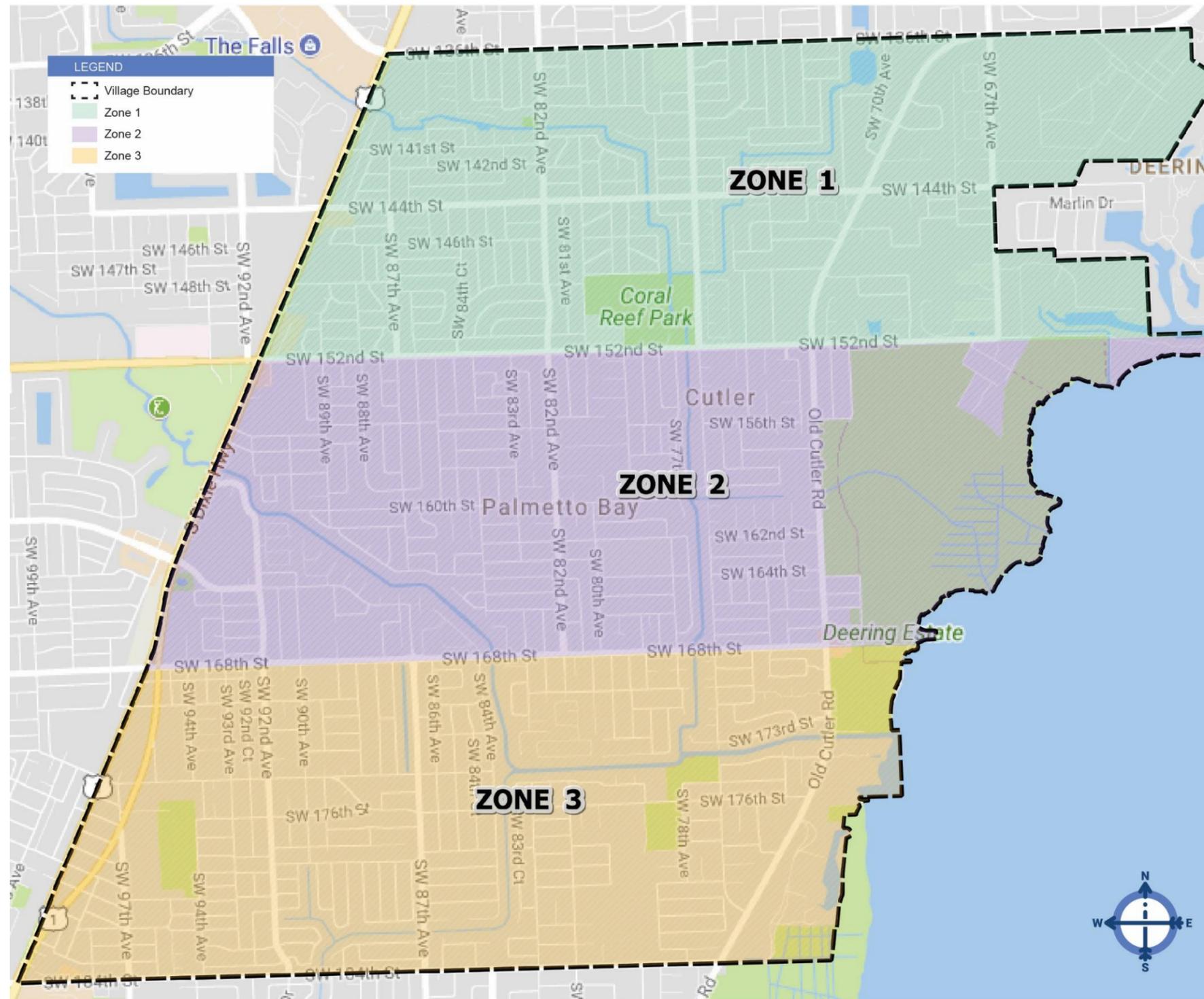


- Perform traffic data collection
- Perform traffic calming analysis
- Develop preliminary recommendations for City review
- Present study results to Miami-Dade County for approval

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Figure 1. Study Area Location and Boundaries





2.0 TRAFFIC CALMING ANALYSIS METHODOLOGY

The methodology and criteria defined in this study are described below as per agreement between the Village of Palmetto Bay and Miami-Dade County. The Village opted to use the City of Miami Beach Traffic Calming Manual which was previously approved by Miami-Dade County’s Department of Transportation and Public Works (DTPW). In addition, an Intergovernmental Agency Agreement, presented in **Appendix C**, was signed between Miami-Dade County and the Village of Palmetto Bay enabling the Village to perform traffic functions, install and maintain traffic calming devices.

2.1 General Requirements and Constraints

Speed and traffic volumes are the first criteria used to gauge whether a traffic calming study area warrants further research for possible development and implementation of a traffic calming plan. **Table 1** shows the thresholds established for Palmetto Bay regarding speed and volume and points assigned to each range.

Table 1. Traffic Calming Thresholds for speed and Volume

Points	Speed*(mph)	Points	Volume (vpd) **
0.5	< 4.6	0.5	500 – 750
1.0	4.6 to 7.5	1.0	751 – 1,100
1.5	7.6 to 10.5	1.5	1,101 – 1,700
2.0	10.6 to 13.5	2.0	1,701 – 2,300
2.5	13.6 to 16.5	2.5	> 2,300
3.0	> 16.5 mph		

* 85th percentile speed is above the posted speed limit. The 85th percentile speed is defined as "the speed that is exceeded by 15% of the motorist surveyed".

** Vehicles per Day

The second criterion, as shown in Table 2, establishes the number of accidents per year on the village streets as a warrant for traffic calming eligibility. Crash data for the last 3 years (2014 to 2016) of available data was analyzed and points assigned.



Table 2. Traffic Calming Thresholds for Number of Accidents

Point	No. of Accidents
0.5	1 - 2
1.0	= 3
1.5	> 3

i. Any street that ranks 2.5 points or higher as a sum of both criteria is eligible for traffic calming. Finally, a neighborhood street would also require 2/3 voter approval from residents, and implementation is subject to final roadway design. The County requires 100% approval from property owners adjacent to the proposed site where speed humps as well as other calming devices will be installed. Due to the curvature of the roadway, and other unique design characteristics, some streets may not be suitable for any or all of the traffic calming tools available.

ii. Any street that ranks 2.0 points will be studied by the Village's Transportation Engineer to determine if other measures may be helpful in addressing concern.

The following items may be considered, but not limited, as part of the study:

1. Location of school, pedestrian oriented facility (e.g. elderly housing) or community facility (e.g. park) located on the subject street or within an established walking area.
2. Driveway density.
3. Presence / absence of sidewalks.

After review of the above study, the Village's Transportation Engineer would be able to recommend various alternate solutions if the street does not fully qualify for the installation of traffic calming devices.

iii. Any street that scores less than a 2.0 and is determined to not be an appropriate location based on the study completed will not be eligible for re-evaluation for twelve (12) months after the speed/volume study is conducted. After two (2) years of testing, if the street does not qualify for traffic calming, the project is ineligible for re-testing for twenty-four (24) months.

In addition to the listed operational criteria, the following restrictions are also imposed:

- Roadway shall be local residential streets and generic residential collectors.
- The posted speed limit may not be more than 30 mph (local residential streets) or 35 mph (residential collectors).



- Roadway shall be local residential streets with only two lanes of travel.
- Roadway shall not be used as a primary route for emergency or fire rescue vehicles.
- Roadway shall not have curves or obstacles that would create an unsafe condition for motorists driving at the desired speed limit under normal driving conditions.
- Roadway shall not be a through truck route, unless an acceptable alternative route is identified.
- Pedestrians and/or bicycles safety shall not be adversely affected.
- Roadway drainage shall not be adversely affected.

3.0 PUBLIC INVOLVEMENT

The objective of the public involvement task is to discuss and receive the input from the residents of the Village. Therefore, the Village's Administration with the support of MARLIN provided a set of platforms for residents to express their concerns about traffic issues within their neighborhoods. The following public feedback alternatives were available for the residents:

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

The most significant input was received through the "Kick-off" and "Follow up" public meetings organized for each one of the designated zones. During the Kick-off meetings, residents were able to interact with Marlin's staff of engineers and planners which presented the Traffic Calming Study Plan and collected information about traffic issues pointed out by the residents. The follow up meetings provided a second opportunity for direct communication and feedback on the status of the study, as well as showing preliminary results from the data collection process. Afterwards, a Final Workshop was held at the Village Hall, where the Traffic Calming Master Plan was presented to the residents with a Presentation and Open Discussion format.



Public Involvement Meeting Snapshots. Residents interacting with Village’s Administration/Councils Members and Engineers.

The Public Involvement meetings were hold on the following dates:

Kick-off Meetings

Zone 1 – December 12th, 2016

Zone 2 – December 15th, 2016

Zone 3 – December 20th, 2016

Follow up Meetings

Zone 1 – April 4th, 2017

Zone 2 – April 18th, 2017

Zone 3 – April 11th, 2017

Final Workshop July 5th, 2017

More than 2000 resident concerns were collected through the public feedback options. A sample of the issues offered by the residents include:

- Speeding vehicles, honking horns, unable to back out of my driveway during rush hours. (SW 180th street and SW 94th Avenue).
- Speed humps needed on SW 94th Avenue next to Palmetto Bay Park.
- Children cannot safely walk to school or the Coral Reef Park. Any intervention on SW 80th Avenue or on the intersection of SW 80th Avenue and SW 152nd Street to make it safer would be welcomed.
- Very concerned about speed on SW 174th Street west of Old Cutler Road. It would be good to have speed humps.

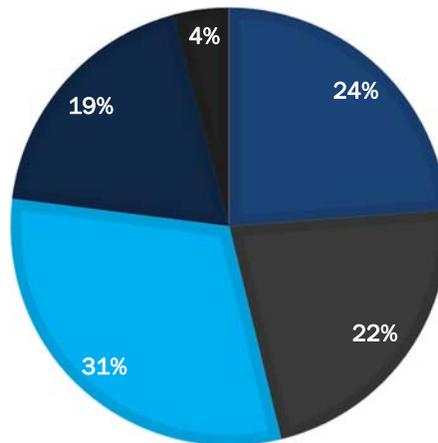


- Volume of traffic has increased as well as speeding. This is dangerous where we have kids. (SW 147th Court at SW 74th Avenue)
- Way too much volume for a residential street (Farmer Road). Most cars speed down the street and it has become a safety factor.
- SW 72nd Avenue between SW 152nd Street and SW 156th Street, make it a bike boulevard.
- General residents concerned about speeding and volume along:
 - SW 87th Avenue
 - SW 82nd Avenue
 - SW 77th Avenue
- Create more greenways throughout the Village.
- The road block on SW 94th Avenue has caused dramatic traffic increase on SW 93rd Avenue.

Figure 2, presents the distribution of the major concerns expressed by the residents by percent.

Figure 2. Palmetto Bay - Resident's Concerns Summary

■ Speeding ■ Cut-Through ■ Volume/Congestion ■ Bike/Pedestrian ■ Other



Examples of the residents comment cards are included in **Appendix A**. All comment cards can be found at the request of the village administration.

All input received from the residents, along with the previous information collected by the Village's Administration, was processed and summarized to identify patterns throughout the Village. This information was utilized during the analysis of the traffic data and the development of recommendations.



4.0 DATA COLLECTION

Based on the study objectives, a comprehensive range of traffic data collection was performed as part of the study. The following data was gathered:

- 85th Percentile Speed
- 24-Hour Average Daily Traffic
- Crashes within the village limits

Data collection was performed utilizing Automatic Traffic Recorder (ATRs) and locations were chosen considering the following premises:

- Residents Input
- Town Administration Advice
- Traffic Flow Throughout the Town
- Historical Traffic Data

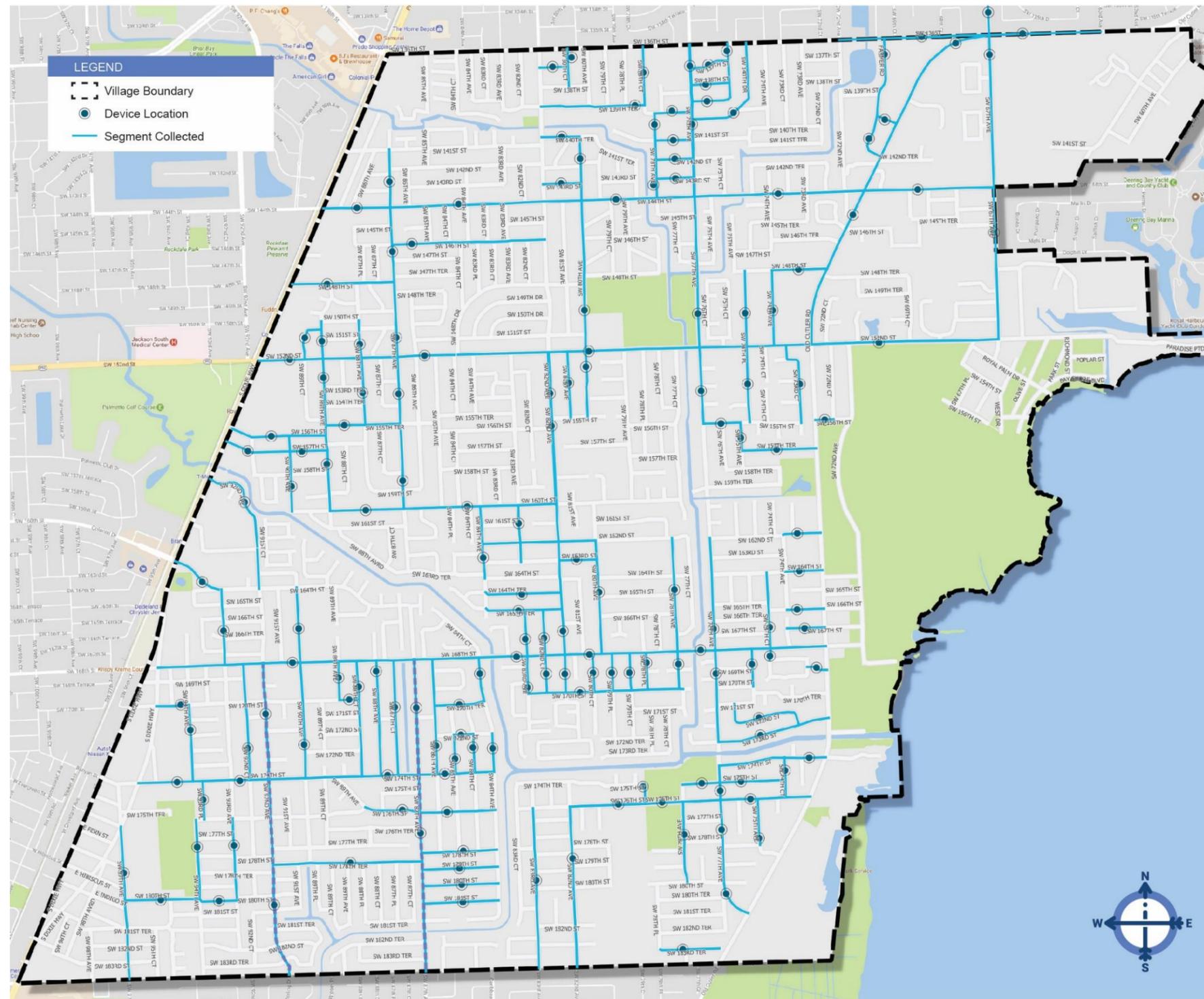
Speed and traffic volumes were collected at 167 locations throughout the Village on typical weekdays (Tuesday, Wednesday and Thursday). During the data collection process, off school and holiday periods were avoided to ensure the data reflects typical traffic operation and behavior.

The available crash data for the 3 most recent years (2014-2016) was obtained and processed to identify the crashes per segment within the Village neighborhoods. Only crashes reported on streets (excluding crashes located in parking lots) were considered for the analysis. The crash data was obtained from Signal Four Analytics, a web-based database specifically designed for crash data analysis developed by the University of Florida and funded by the state of Florida.

Figure 3 presents a detailed map showing the locations where traffic data was collected (speed and volume). The raw 24-hour traffic volume counts, raw speed data and the amount of crashes per segment are included in **Appendix B**.



Figure 3. Traffic Data Locations





5.0 FIELD OBSERVATIONS

Field reviews were performed to evaluate existing traffic characteristics of the neighborhoods and to determine the locations where existing traffic calming devices are already installed throughout the Village. Special emphasis was made to observe segments identified by the residents and near sensitive locations like schools, parks and other high pedestrian generators.

Specific notes from observations made in the field are presented as follow:

As part of the Village's Administration efforts to address traffic issues, existing traffic calming measures were found and documented throughout the village.



Speed humps were observed at several locations. These countermeasures, as well as speed tables, are proven to be very effective in slowing traffic down.

SW 162nd Street west of SW 74th Avenue



Speed table located on a residential street.

SW 92nd Avenue north of SW 176th Street



As part of the previous traffic calming initiatives, mid-block medians were installed at different locations.

SW 164th Street west of SW 88th Court

Bicyclists and pedestrians are a very important concern among the residents as they are one of the most vulnerable road users and there is an increasing utilization of the Village’s local streets for these activities. Relatively high pedestrian and bicyclist activity was observed within the Village’s limits. As sidewalks are often missing on the residential streets, roadways are frequently used by the residents to walk or bike.



Pedestrians using the residential streets for their routine walks.



Bicycles sharing streets with regular vehicle traffic.

SW 67th Avenue north of SW 152nd Street

Schools are traffic generators during specific hours of the day. Standard signing and pavement markings for school zones help to reduce the traffic impact. Other initiatives can make a real difference on managing the traffic flow and distributing the volume during drop off /pick up periods as shown in the pictures below.



Signage indicating no traffic permitted in southbound direction during school drop off /pick up hours.

SW 80th Avenue at SW 162nd Street.



Long and wide stretches of roadway were observed to encourage drivers to travel at higher speeds.

SW 146th Street east of SW 87th Avenue



Heavy congestion during PM peak hours at the westbound approach.

SW 152nd Street east of US1

An inventory of existing conditions showing currently installed traffic calming devices, as well as other roadways characteristics, is depicted in **Figures 4 to 6**.



Figure 4. Existing Conditions - Zone 1

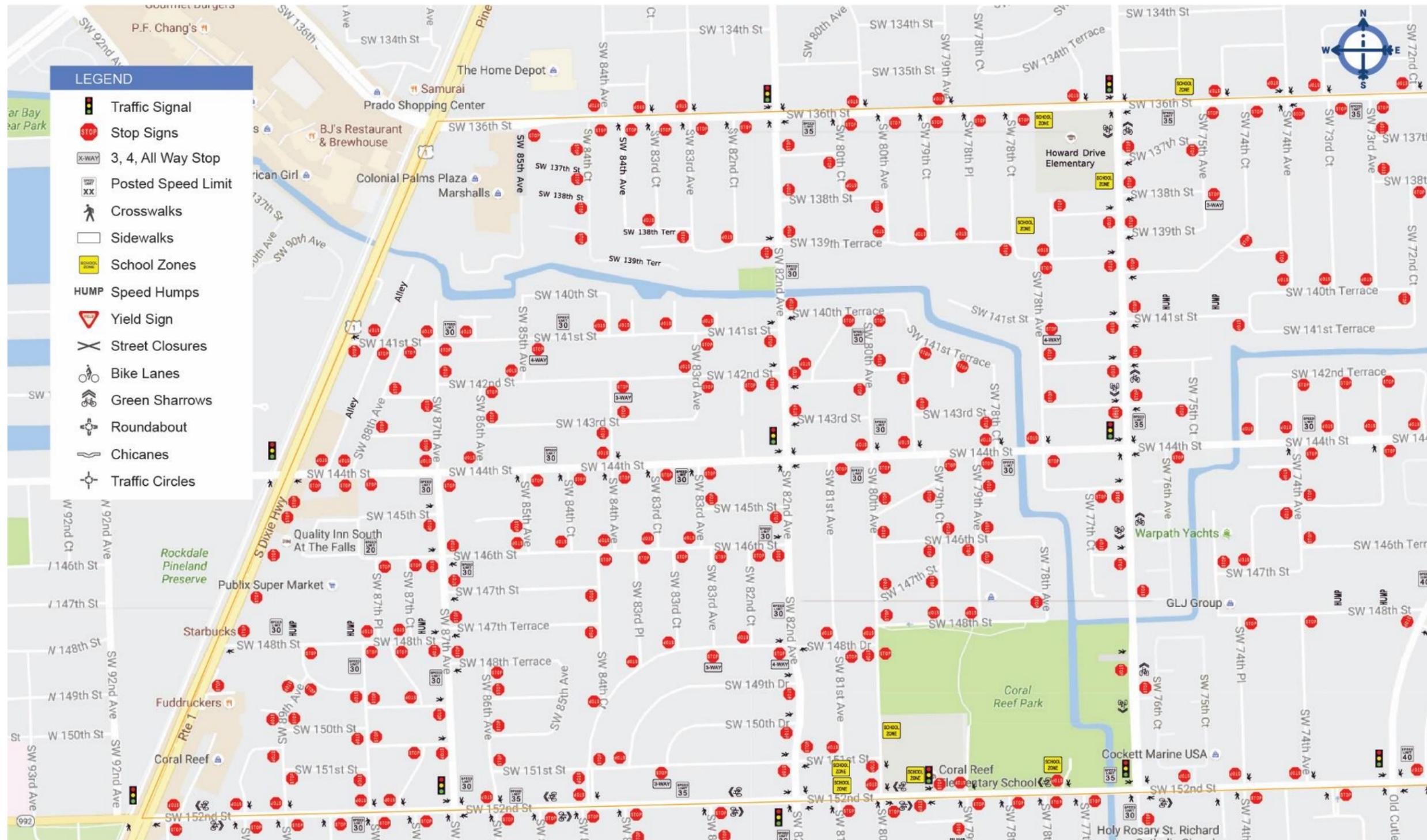




Figure 4. Existing Conditions - Zone 1 (continued)

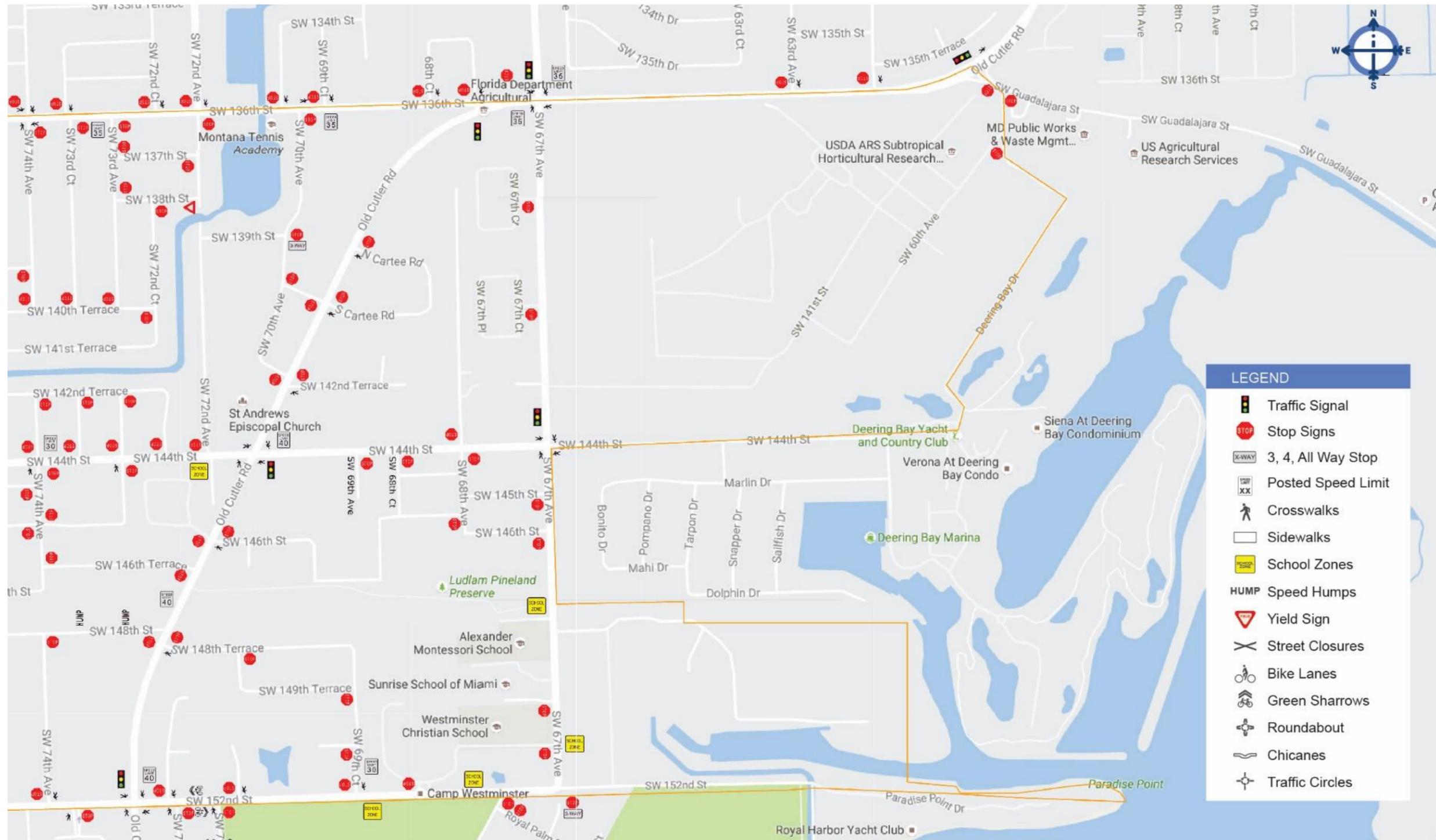




Figure 5. Existing Conditions - Zone 2

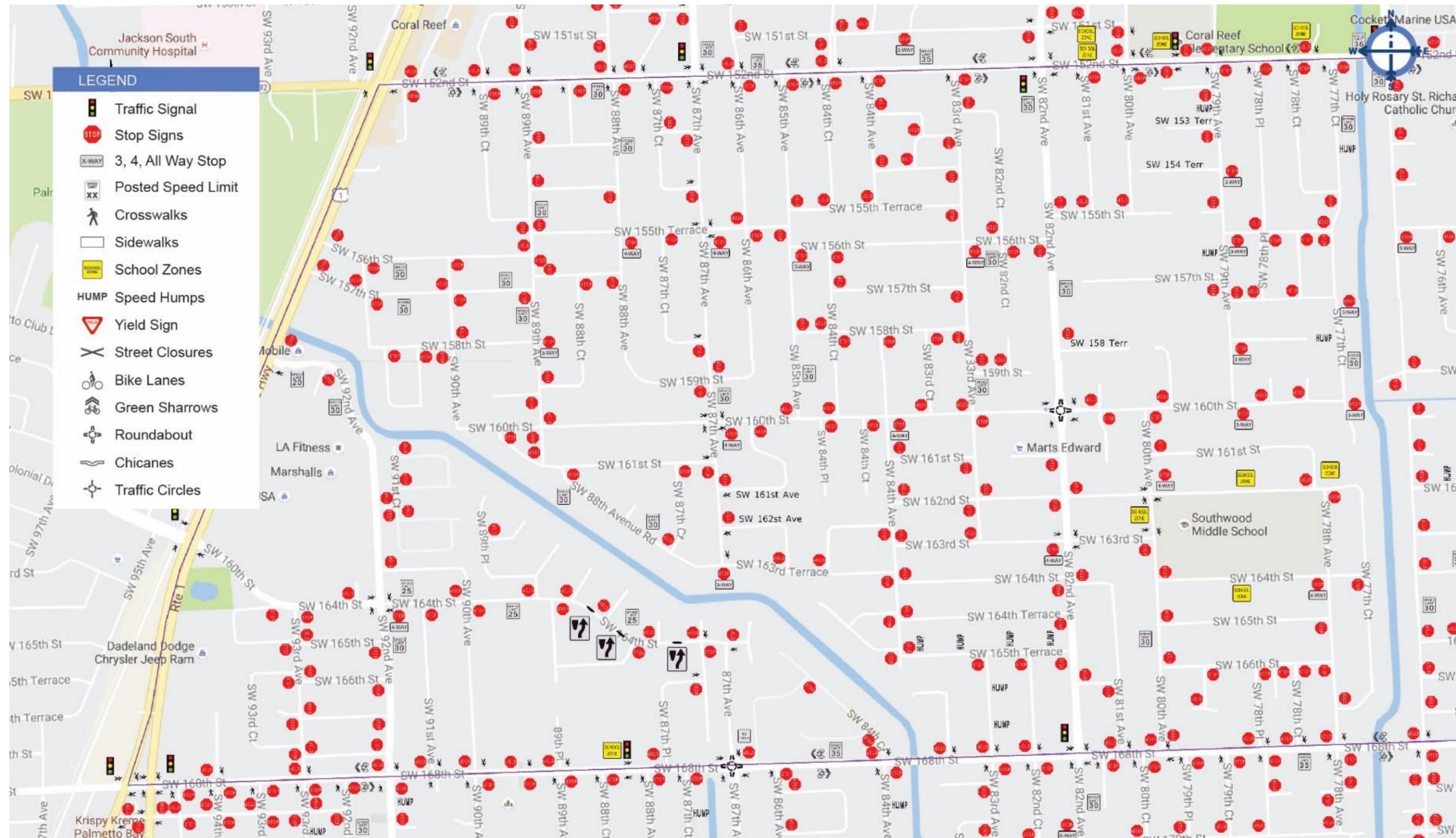




Figure 5. Existing Conditions - Zone 2 (continued)

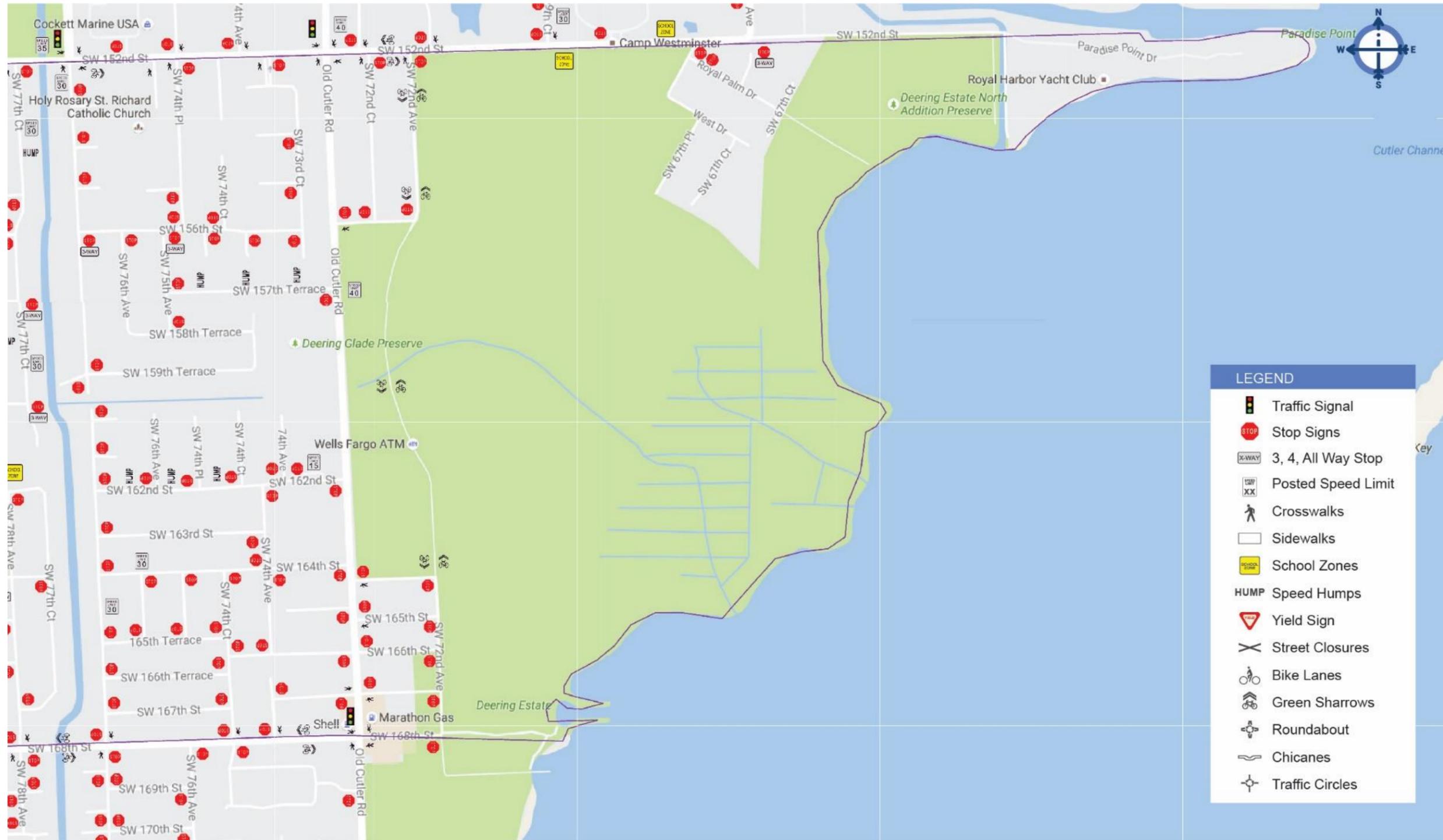




Figure 6. Existing Conditions - Zone 3

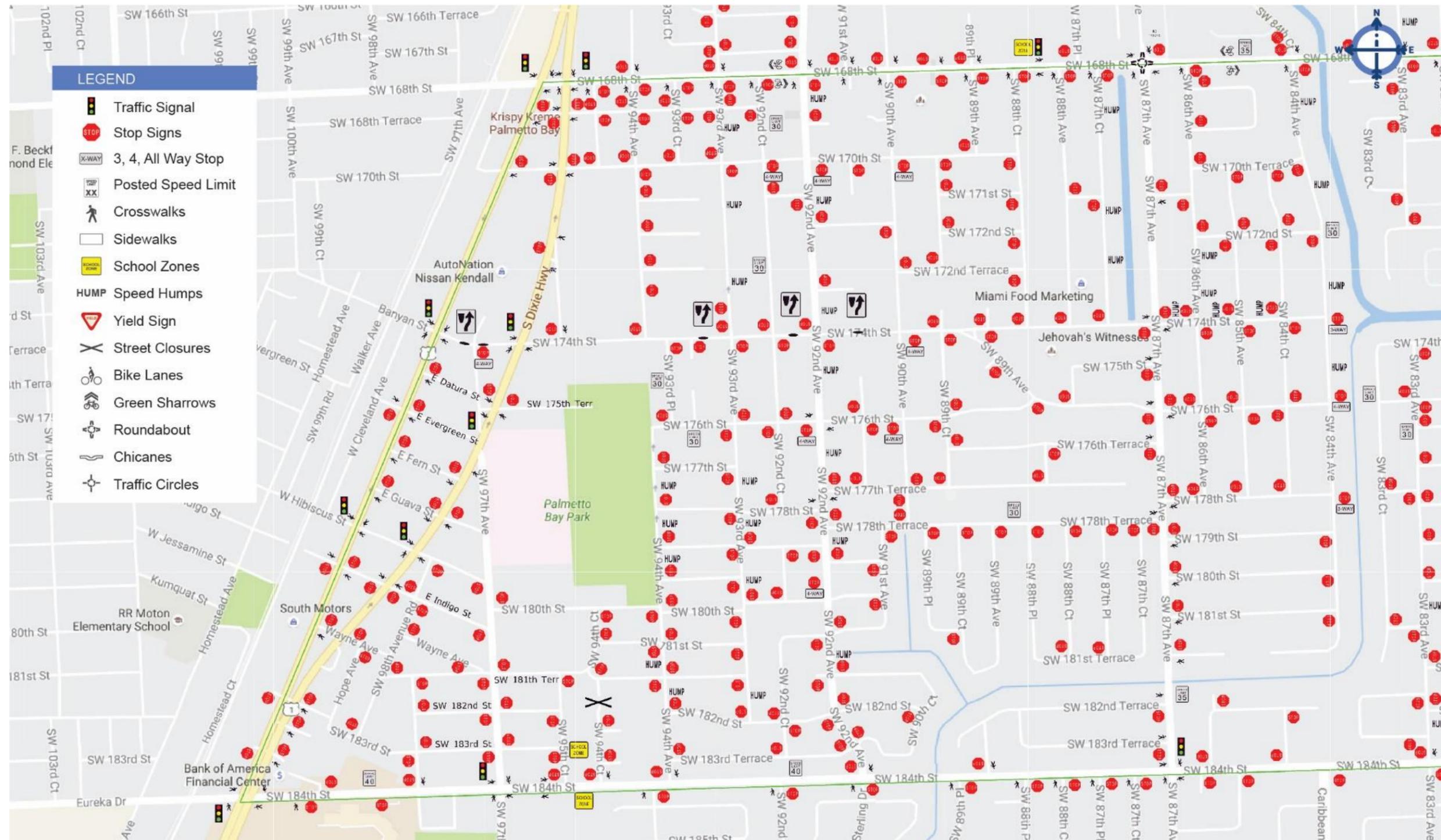
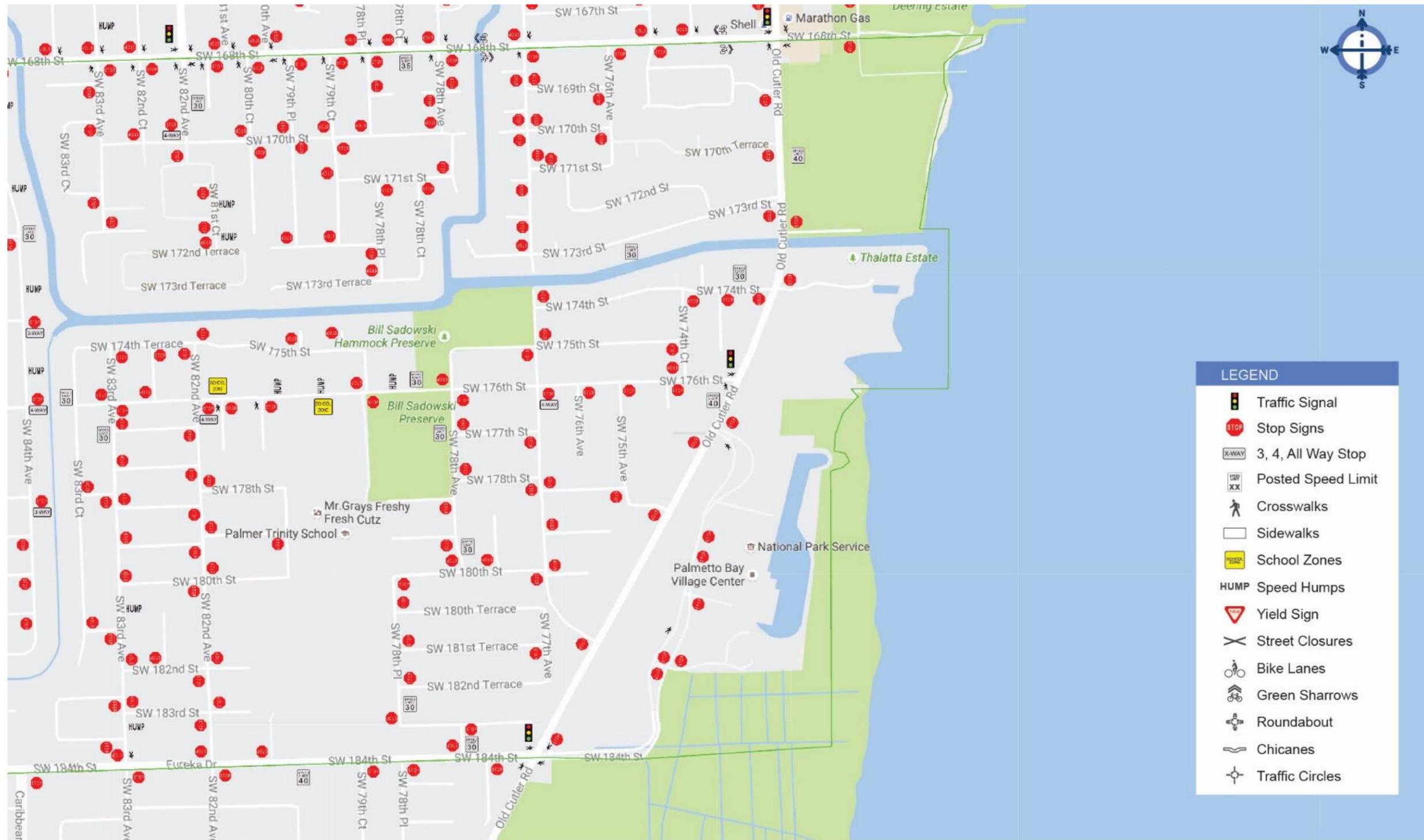




Figure 6. Existing Conditions - Zone 3 (continued)





6.0 DATA ANALYSIS

The purpose of the data analysis is to identify locations within the study area where existing traffic conditions could warrant traffic calming improvements based on the threshold values established for the Village of Palmetto Bay in agreement with Miami-Dade County DTPW. Speed, volume and crash issues were plotted on the study area based on the established criteria referenced in section 2.1 and are presented in **Figures 7, 8 and 9**.

The Village's street network was analyzed and classified as "Eligible", "To be considered" or "Non Eligible" for traffic calming improvements. Segments that were found "Eligible" or "To be Considered", are depicted in **Figure 10**.

The results shown in Figure 10 indicate many streets in the Village are eligible for traffic calming applications. Section 7 presents recommendations to address predominant issues on these segments.

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Figure 7. Travel Speed Evaluation

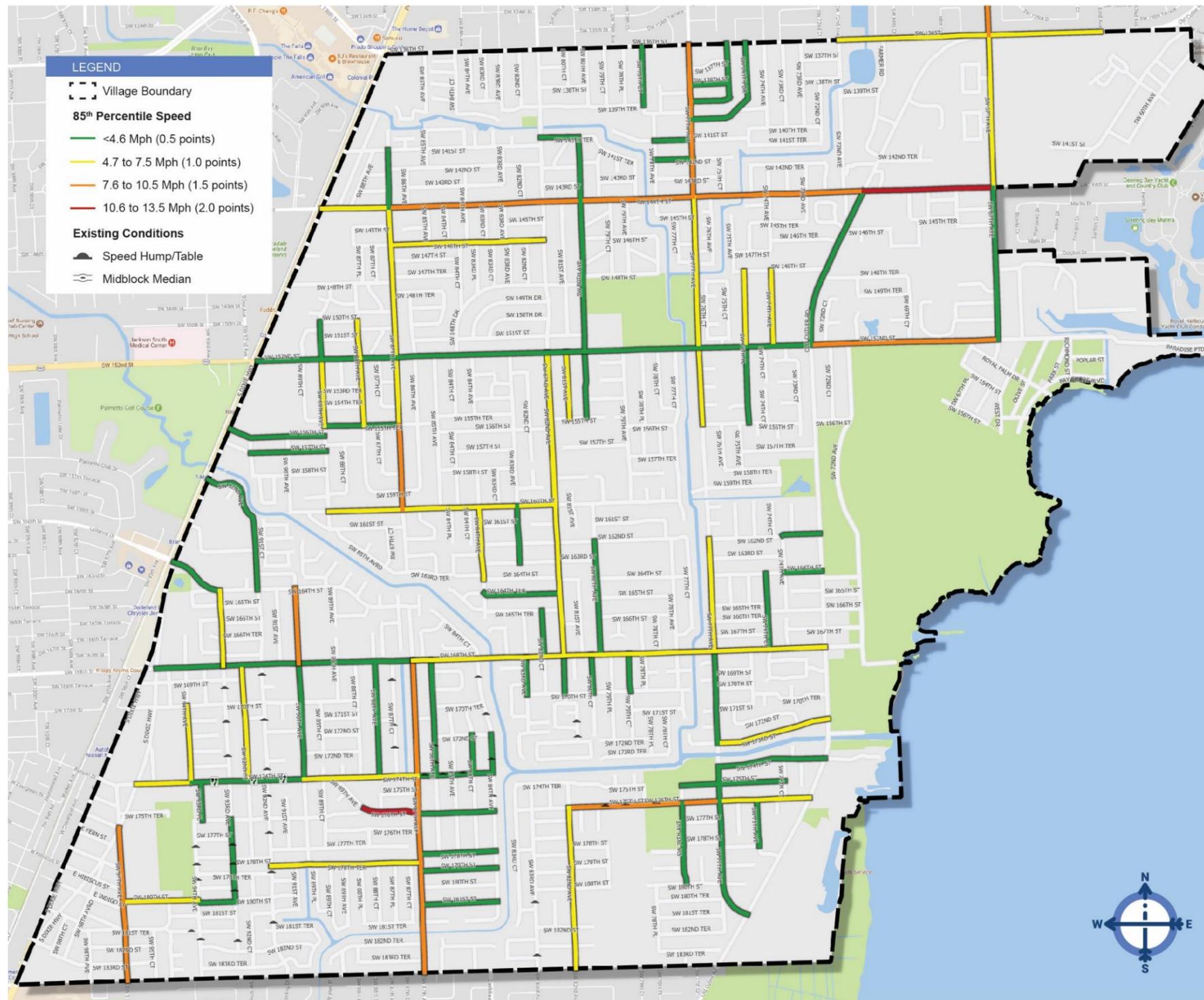




Figure 8. Traffic Volume Evaluation

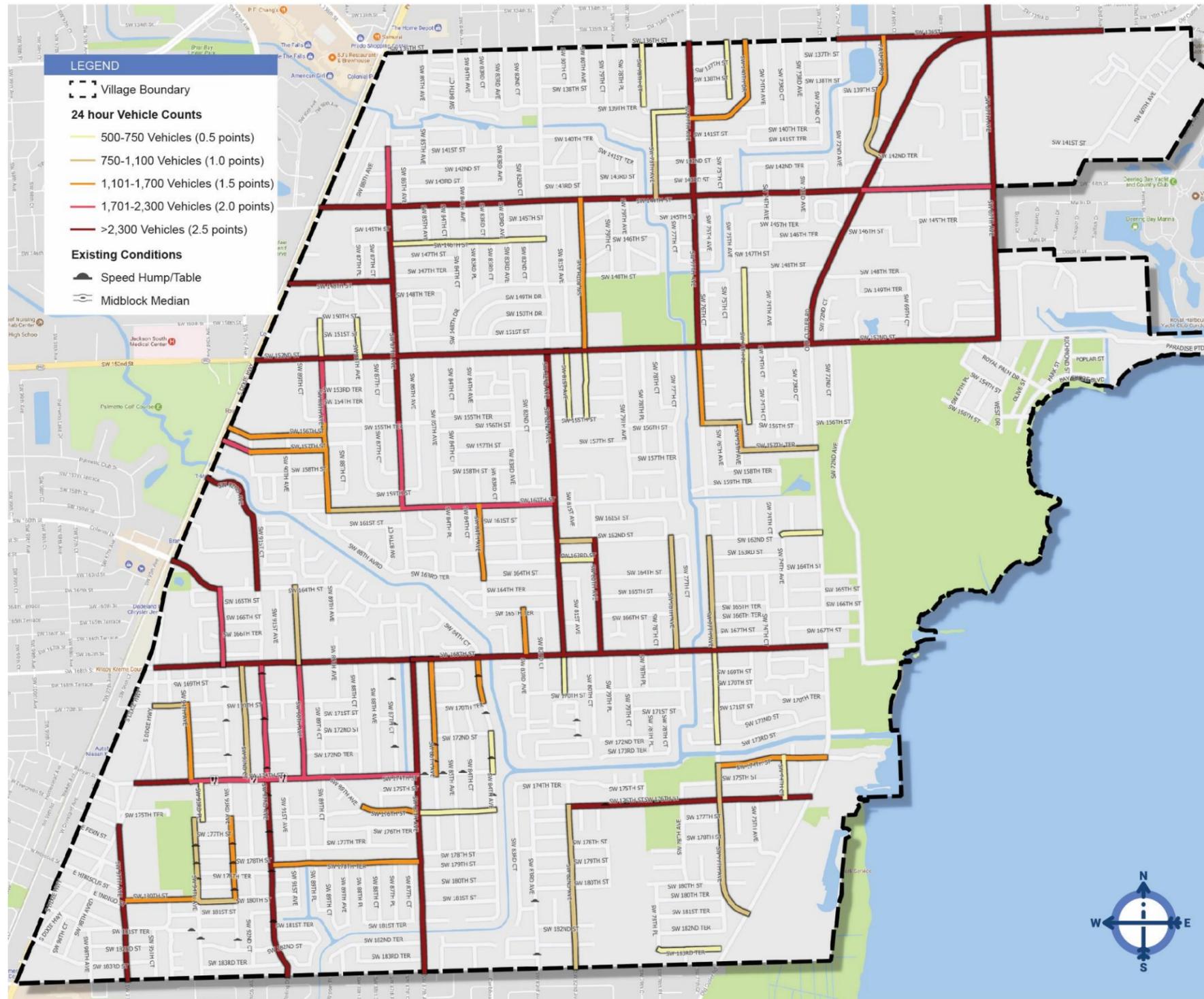




Figure 9. Crash Evaluation

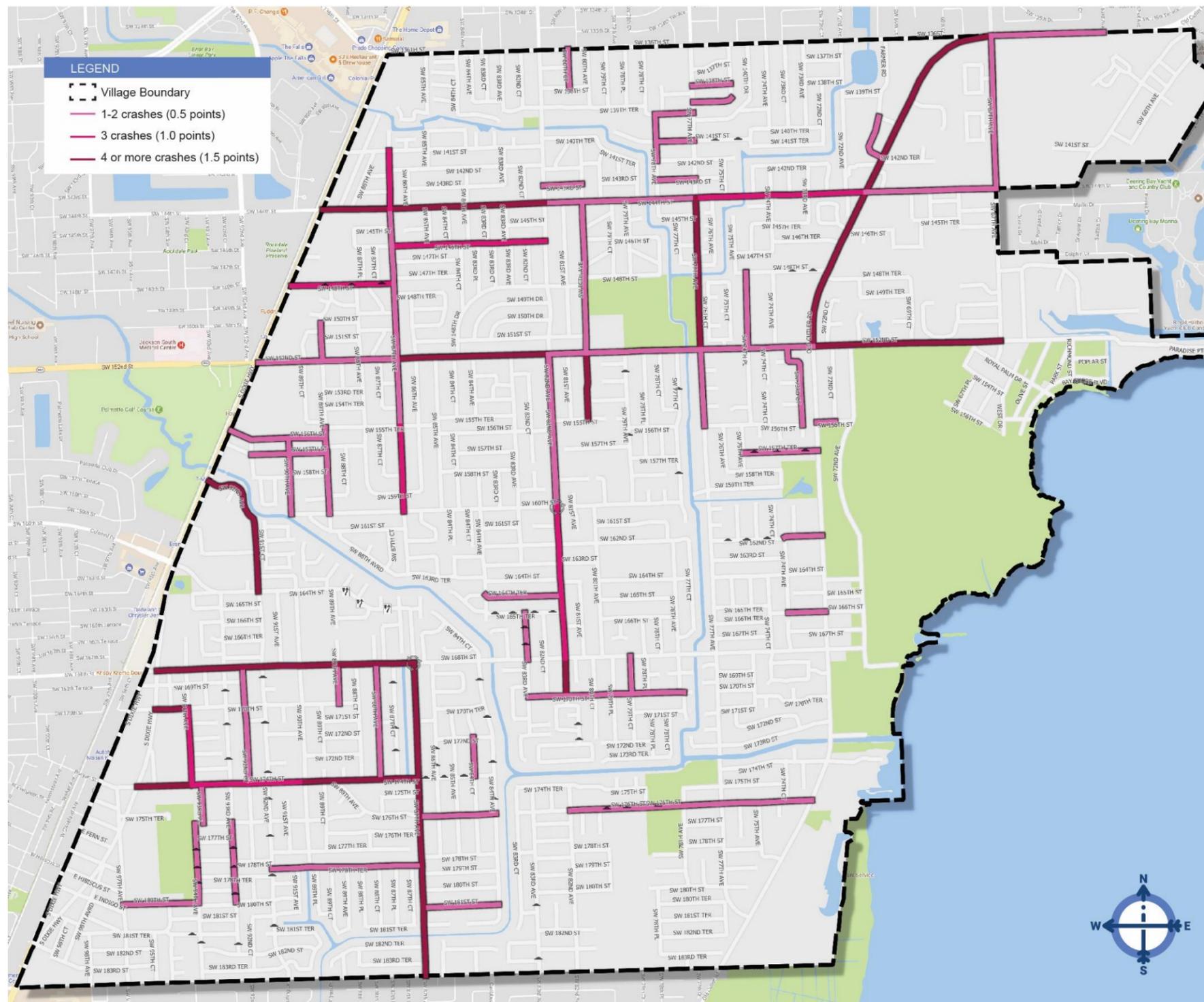
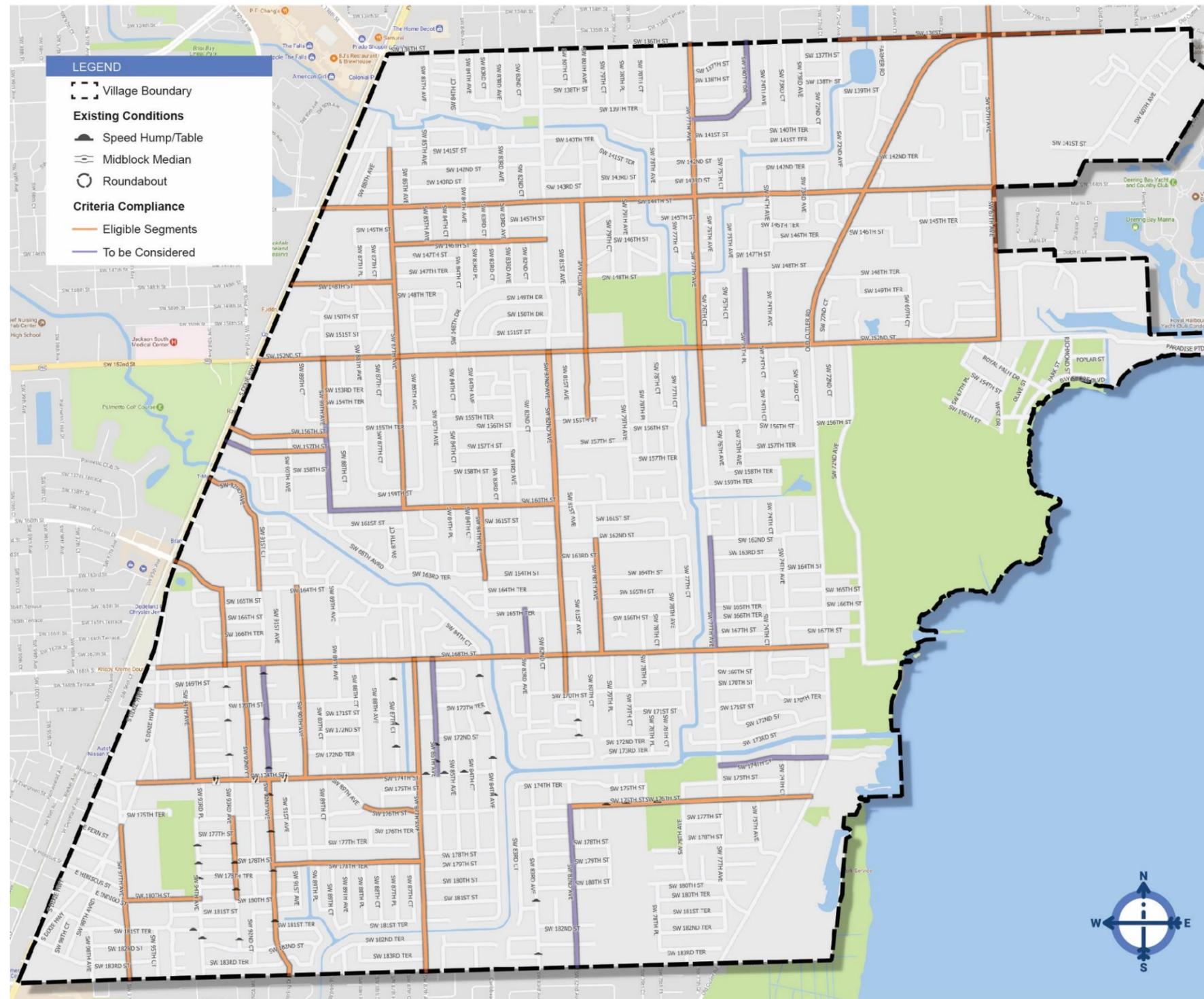




Figure 10. Segments Eligible for Traffic Calming Measures





7.0 TRAFFIC CALMING PLAN

7.1 Review of the Traffic Calming Measures

The traffic analysis performed in section 6.0 indicates that many locations throughout the Village meet the threshold values for traffic calming applicants. A description of the potential traffic calming measures to be implemented is presented below including the advantages and disadvantages of each type of enhancement.

Roundabout

Circular raised island located at intersections which reduces speed at approaches and through the intersection. Traffic flows move around the island in a counter-clockwise direction. Circulating vehicles have the right of way. Deflector islands are installed on approaches. Roundabout size range from 25' to 70'.



Advantages:

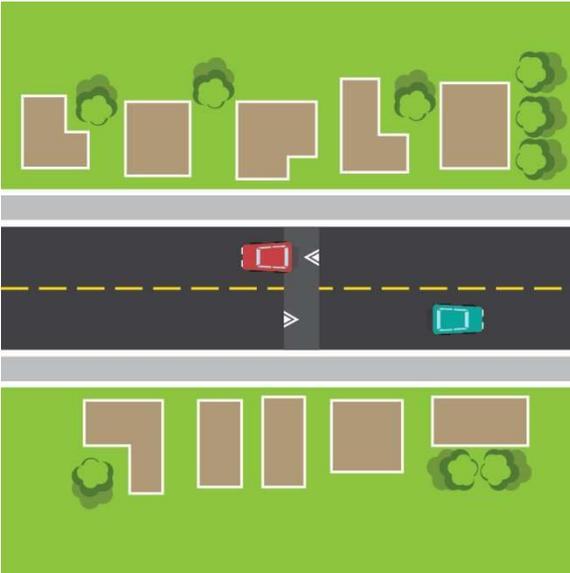
- Reduces traffic speed (typically designed to accommodate traffic speeds of 15 to 25 mph)
- Significantly reduces severity of intersection collisions
- Increase opportunity for landscaping
- Particularly effective at multi-leg/odd shaped intersections and helps improve traffic operations
- Reduces noise impacts from stop signs and vehicle acceleration

Disadvantages:

- Requires safety and directional signs
- May cause the loss of some parking spaces near the intersection
- Reduces response times for emergency vehicles
- May have Right of way impacts

Speed hump

A raised surface on the roadway that is typically 3 to 4 inches in height, and 12 to 20 feet in length. These measures are mostly located at midblock locations.



Advantages:

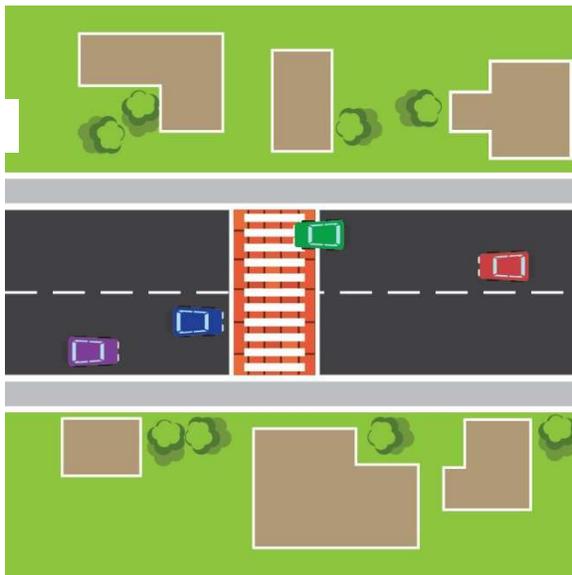
- Reduces vehicle speeds
- Deters cut-through traffic
- One of the least expensive traffic calming devices

Disadvantages:

- Reduces response times for emergency vehicles
- Interferes with pavement overlays
- Possible noise increase due to braking and acceleration of vehicles
- May cause discomfort for drivers with disabilities

Speed table

Longer speed hump with a flat section about ten feet wide in the middle, which may include a crosswalk on the flat section; sometimes constructed with brick or other textured materials.



Advantages:

- Reduces vehicle speeds
- Deters cut-through traffic
- Increases visibility for pedestrians by installing a crosswalk on the flat top
- Designs can be more visually pleasant than Speed Humps

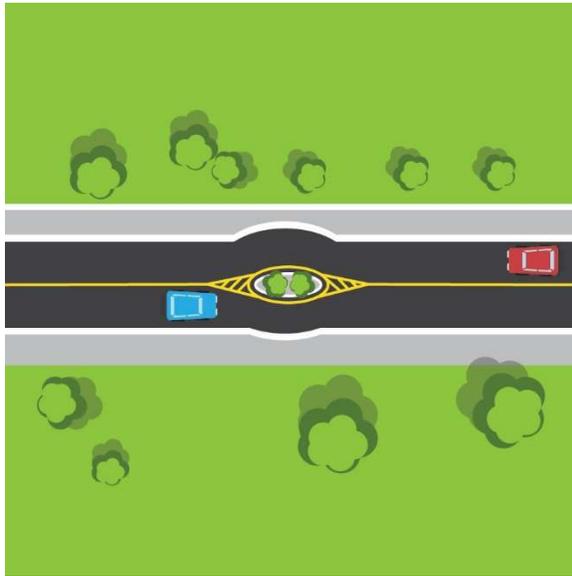
Disadvantages:

- Reduces response times for emergency vehicles
- Interferes with pavement overlays
- Possible noise increase due to braking and acceleration of vehicles
- May cause discomfort for drivers with disabilities



Midblock median

A raised island or barrier in the center of a street that separate traffic at midblock which creates a curved path for traveling vehicles in an otherwise straight stretch of roadway.



Advantages:

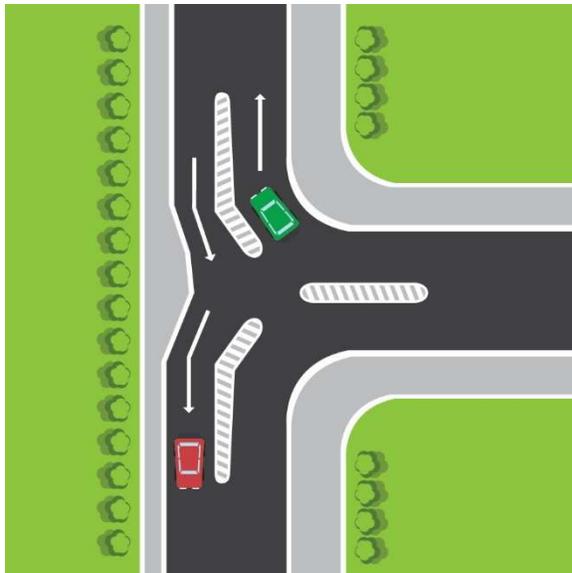
- Slow traffic speed within the vicinity of the measure for two reasons:
 - Change of the horizontal alignment around the median
 - Decreases the perceived width of the street resulting in slower traffic
- Provides opportunity for landscaping

Disadvantages:

- May restrict access to driveways in one direction
- Interferes with pavement overlays
- Potential Right of way needs

Intersection median

A set of raised medians placed on each approach of a T intersection which slows Traffic on the approaches.



Advantages:

- Reduces traffic speed on the vicinity of the measure
- Provides opportunity for landscaping
- Can provide refuge for pedestrians to shorten crossing distance

Disadvantages:

- Reduces response times for emergency vehicles



Raised intersection

Refers to a roadway intersection that is entirely elevated above the travel way. They are constructed with ramps on all vehicle approaches and often include textured materials on the flat, elevated section. Typically includes the crosswalks.



Advantages:

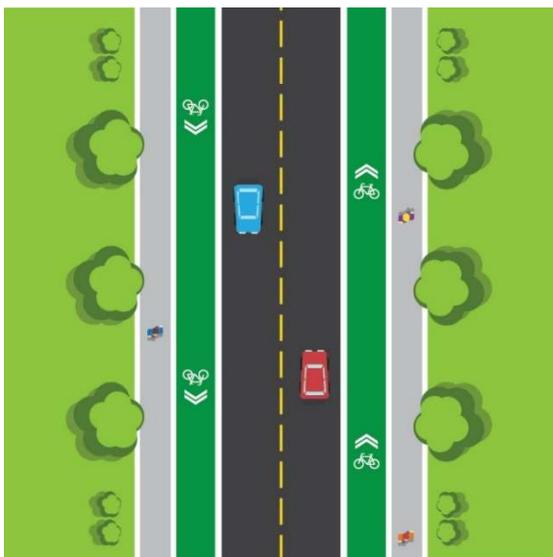
- Enhances the pedestrian environment and increases safety at the intersection
- Effective at slowing traffic speed on the approaches and through the intersection
- Eliminates need for curb ramps and have positive aesthetic value
- Can calm two streets at once

Disadvantages:

- Impacts to drainage has to be considered in design
- Can be expensive in maintenance

Complete Street

Refers to a roadway design concept for all modes. Complete streets are designed and operated to enable safe access for all users, including pedestrians, bicyclists, motorists and transit riders of all ages and abilities.



Advantages:

- Help create livable communities for all roadway users
- Improve safety
- Create long-lasting speed reduction
- Have positive aesthetic value
- Help increase the value of the neighborhood

Disadvantages:

- Right of way needs
- Can be expensive in maintenance



7.2 Develop of the Traffic Calming Plan

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

Special emphasis was made on main avenues and streets across the Village, including Old Cutler Road, which is an essential north-south link for everyday commuters. Note that 2 projects are under development as part of a partnership of the Village of Palmetto Bay with Miami-Dade County. The joint effort will enhance traffic flow at the intersections of Old Cutler Road at SW 176th Street and at SW 144th Street using a Continuous Green T Intersection, and a reversible lane respectively. These improvements are anticipated to decrease the traffic volume on adjacent residential streets and significantly alleviate traffic congestion along Old Cutler Road.

Complete streets were also considered as part of Palmetto Bay Traffic Calming Plan. Several roadway segments were selected to be redesigned into this integrated solution that address traffic calming issues at the same time that provides safer connections for bicyclists and pedestrians within the municipality.

The list of recommended measures per segments is provided in **Table 3** and graphically presented in **Figure 11**.

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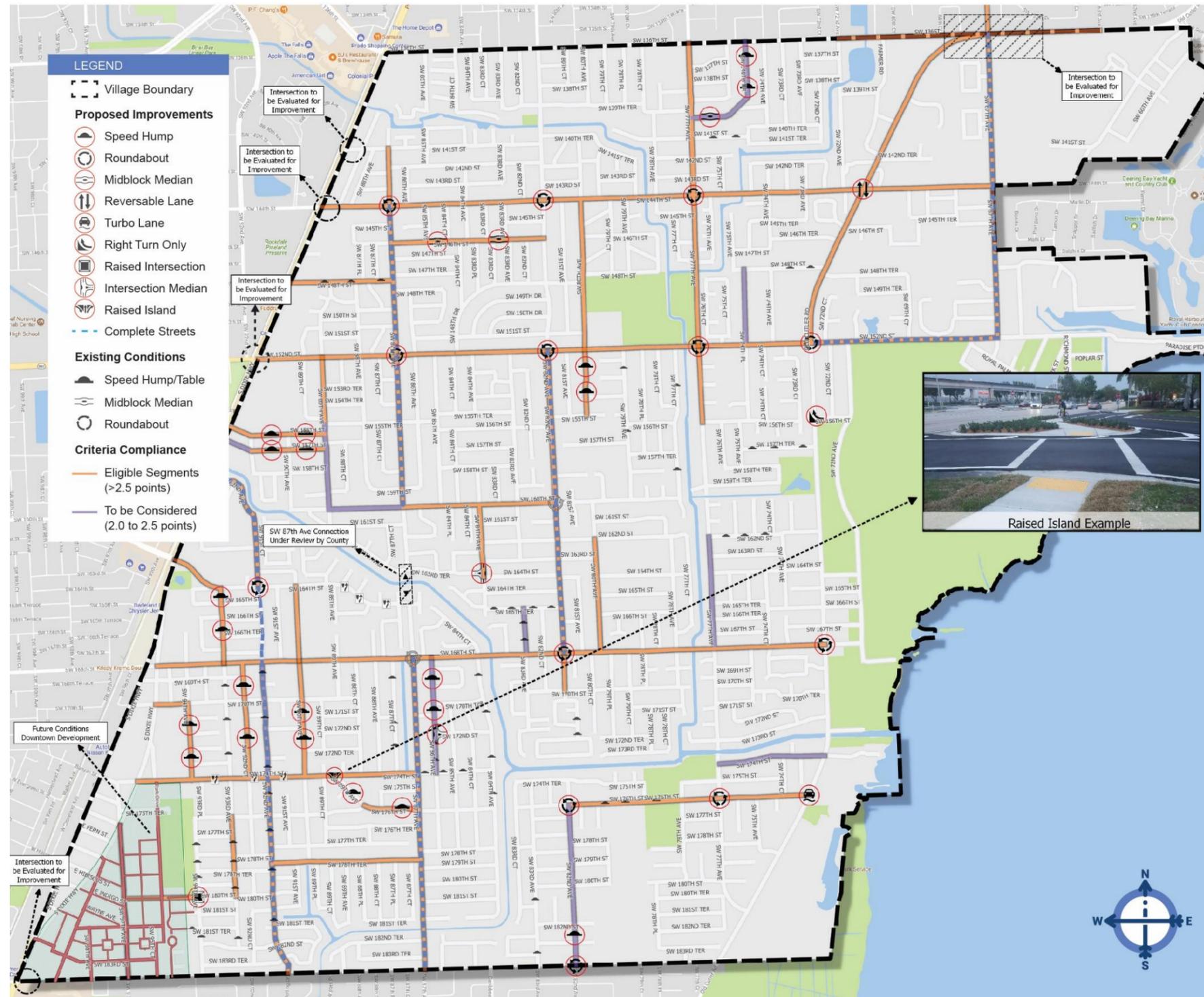


Table 3. Recommended Traffic Calming Plan. List of Improvements

Street		Recommendation
SW 140 Drive	Between SW 77 Avenue and SW 74 court	Midblock Median
SW 74 Court	Between SW 140 Drive and SW 136 Street	Speed Humps
SW 144 Street	At SW 87 Avenue	Roundabout
SW 144 Street	At SW 82 Avenue	Roundabout
SW 144 Street	At SW 77 Avenue	Roundabout
SW 144 Street	At Old Cutler Road	Reversible Lane
SW 146 Street	Between SW 87 Avenue and SW 82 Avenue	Midblock Medians
SW 152 Street	At SW 87 Avenue	Roundabout
SW 152 Street	At SW 82 Avenue	Roundabout
SW 152 Street	At SW 77 Avenue	Roundabout
SW 152 Street	At Old Cutler Road	Roundabout
SW 80 Avenue	Between SW 152 Street and SW 155 Street	Speed Humps
SW 156 Street	Between S DIXIE Hwy and SW 89 Avenue	Speed Humps
SW 157 Street	Between S DIXIE Hwy and SW 89 Avenue	Speed Humps
SW 156 Street	At Old Cutler Road	Right Turn Only
SW 84 Avenue	At SW 163 Terrace	Intersection Median
SW 92 Avenue	At SW 164 Street	Roundabout
SW 93 Avenue	Between SW 164 Street and SW 168 Street	Speed Humps
SW 168 Street	At SW 82 Avenue	Roundabout
SW 168 Street	At Old Cutler Road	Roundabout
SW 94 Avenue	Between SW 170 Street and SW 174 Street	Speed Humps
SW 92 Court	Between SW 168 Street and SW 174 Street	Speed Humps
SW 90 Avenue	Between SW 170 Street and SW 174 Street	Speed Humps
SW 86 Avenue	Between SW 168 Street and SW 174 Street	Speed Humps
SW 86 Avenue	Between SW 168 Street and SW 174 Street	Intersection Median
SW 174 Street	Between SW 90 Avenue and SW 87 Avenue	Raised Island
SW 89 Avenue	Between SW 174 Street and SW 176 Street	Speed Hump
SW 176 Street	Between SW 89 Avenue and SW 87 Avenue	Speed Hump
SW 94 Avenue	At SW 180 Street	Raised Intersection
SW 176 Street	At SW 82 Avenue	Roundabout
SW 82 Avenue	At SW 184 Street	Roundabout
SW 82 Avenue	Between SW 182 Street and SW 184 Street	Speed Hump
SW 176 Street	At SW 77 Avenue	Roundabout
SW 176 Street	At Old Cutler Road	Continuous Green T Intersection
SW 92 Avenue	From US1 to SW 184 Street	Complete Street
SW 87 Avenue	From SW 144 Street to SW 160 Street & From SW 168 Street to SW 184 Street	Complete Street
SW 82 Avenue	From SW 152 Street to SW 168 Street	Complete Street
SW 67 Avenue	From SW 136 street to SW 152 Street	Complete Street
SW 152 Street	From SW 67 Avenue to Old Cutler Road	Complete Street



Figure 11. Recommended Traffic Calming Plan Layout





7.3 Preliminary Cost Estimate

The preliminary cost estimates, for the recommended traffic calming measures are shown in **Table 4**. These preliminary cost estimates are based on recent unit construction cost from FDOT Historical Cost for the Miami-Dade County Area, and prices for similar traffic calming devices installed within many municipalities in South Florida.

The following items were not included in this preliminary cost estimate because of the complexity of construction and because they will be co-funded with County grants:

- Continuous Green T Intersection at SW 176th Street and Old Cutler Road
- Reversible lane at SW 144th Street and Old Cutler Road
- Complete streets

The estimated total construction cost for implementing the traffic calming devices is **\$5,551,126.25**.

Table 4. Preliminary Cost Estimates

Countermeasure Type	Unit Cost	Quantities	Total Cost
Speed Tables	\$ 9,103.00	21	\$ 191,163.00
Intersection Median	\$ 14,164.00	2	\$ 28,328.00
Right-turn Only	\$ 17,246.00	1	\$ 17,246.00
Midblock Median	\$ 17,515.00	3	\$ 52,545.00
Raised Intersection*	\$ 68,584.00	1	\$ 68,584.00
Round-about**	\$ 337,482.00	12	\$ 4,049,784.00
Raised Island	\$ 33,251.00	1	\$ 33,251.00
Sub-Total			\$ 4,440,901.00
Contingency		25%	\$ 1,110,225.25
TOTAL COST			\$ 5,551,126.25

* Using Patterned Asphalt. No drainage impact considered.
 * *Includes architectural pavers and landscape.
 Note: Complete Street, Continuous Green T Intersection and Reversible lane projects are not included.

7.4 Project Prioritization

The different traffic calming measures proposed as part of this study were grouped and prioritized primarily considering budgetary constraints and the level of complexity for design and



implementation of a measure. A schedule consistent with a 5-year work program was developed and is presented in **Table 5**.

Table 2. Prioritization of Recommended Improvements

Phase	Proposed Improvements
1	21 Speed Humps, Right-turn Only, 1 Roundabout
2	3 Midblock Medians, 2 Intersection Medians, 1 Roundabout
3	4 Roundabouts
4	3 Roundabouts, 1 Raised Intersection
5	3 Roundabouts, 1 Raised Island

[Space left blank intentionally.]



8.0 CONCLUSIONS

MARLIN was retained by the Village of Palmetto Bay to evaluate the local speed, volume and overall traffic patterns to determine locations within the Village where traffic calming measures should be recommended. As part of this study, MARLIN developed a Village-wide Traffic Calming Master Plan which implemented alternative improvements for location that were identified to have speed, volume and crash issues based on agreed upon thresholds. A comprehensive data collection effort was performed as part of the study and included: 24-Hour Average Daily Traffic Counts, 85th Percentile Speed Data and a Crash Data analysis.

The analysis indicated that many locations throughout the Village meet the threshold values for traffic calming. Consistent with the analysis, a set of recommended traffic calming improvements was developed through an area-wide systematic approach.

The traffic calming recommendations developed as part of this study include:

- Roundabouts
- Speed Humps
- Midblock Medians
- Intersection Medians
- Continuous Green T Intersection
- Raised Intersection
- Raised Island
- Right-turn Only
- Complete Streets
- Reversible lane

A five year plan for implementation was prepared based on annual budget constraints and complexity of designing and implementing improvements.

It is anticipated that the traffic calming plan developed as a result of this entire effort will effectively lower travel speeds and volumes throughout the residential areas and consequently enhance the safety and quality of life for the residents of the Village of Palmetto Bay.

Next Steps:

- Design and submit typical traffic calming devices to Miami-Dade County for approval.
- Prepare engineering specifications.



- Perform post design services.
- Monitor performance on annual basis.

Village of Palmetto Bay | Villagewide Traffic Calming Study

APPENDIX





Appendix A

Survey Form

Sample of Residents

Comment Cards



Village of Palmetto Bay
Traffic Calming Study

MARLIN

Public Comment Sheet

Name: William Kreis Telephone: 305 439 8302

Address: 1762 SW 8th Ave City: P.B State: 33150

Email: wmkreis@aol.com

Representing: [X] Homeowner [] Business [] Other:

Please use the space below to comment on the streets and/or intersections you have a traffic concern with. Feel free to write on the back if needed.

Check all traffic concerns that apply

I have a traffic concern with...

1. intersection/street. (Intersection or Street name) (circle one)

- Speeding, Bike/Pedestrian safety, Cut-throughs, Traffic Volume/Congestion, Other: [X]

2. intersection/street. (Intersection or Street name) (circle one)

- Speeding, Bike/Pedestrian safety, Cut-throughs, Traffic Volume/Congestion, Other:

3. intersection/street. (Intersection or Street name) (circle one)

- Speeding, Bike/Pedestrian safety, Cut-throughs, Traffic Volume/Congestion, Other:

Other Comments: MOST EFFORTS TO DATE ARE INEFFECTIVE AND SELF CENTERED. WHY SHOULD TRAFFIC BE DEFLECTED OFF OF ONE STREET TO ANOTHER? TRAFFIC IS WHAT IT IS. NO ONE RESIDENT TRUMPS ANOTHER!



Public Comment Sheet

Name: FRANK MINTON Telephone: _____

Address: 7865 SW 179 TR City: Palmetto Bay State: FL

Email: _____

Representing: Homeowner Business Other: _____

Please use the space below to comment on the streets and/or intersections you have a traffic concern with. Feel free to write on the back if needed.

Check all traffic concerns that apply

"I have a traffic concern with..."

1. 176 + OLD CUTLER intersection/street." (circle one)
(Intersection or Street name)

- Speeding
- Bike/Pedestrian safety
- Cut-throughs
- Traffic Volume/Congestion
- Other: GETTING ACCESS TO OLD CUTLER IN MORNING

2. _____ intersection/street." _____
(Intersection or Street name) (circle one)

- Speeding
- Bike/Pedestrian safety
- Cut-throughs
- Traffic Volume/Congestion
- Other: _____

3. _____ intersection/street." _____
(Intersection or Street name) (circle one)

- Speeding
- Bike/Pedestrian safety
- Cut-throughs
- Traffic Volume/Congestion
- Other: _____

Other Comments: _____

The TRAFFIC LIGHT AT 176 ST + OLD CUTLER IS NECESSARY. DO NOT TAKE IT AWAY



Public Comment Sheet

Name: Timothy B Groleau Telephone: (305) 281-7235

Address: 9305 SW 180th St City: Palmetto Bay State: FL

Email: tbg8661@aol.com

Representing: Homeowner Business Other: _____

Please use the space below to comment on the streets and/or intersections you have a traffic concern with. Feel free to write on the back if needed.

Check all traffic concerns that apply

"I have a traffic concern with..."

1. 180th St intersection/street."
(Intersection or Street name) (circle one)

- Speeding
- Cut-throughs
- Other: _____
- Bike/Pedestrian safety
- Traffic Volume/Congestion

2. _____ intersection/street."
(Intersection or Street name) (circle one)

- Speeding
- Cut-throughs
- Other: _____
- Bike/Pedestrian safety
- Traffic Volume/Congestion

3. _____ intersection/street."
(Intersection or Street name) (circle one)

- Speeding
- Cut-throughs
- Other: _____
- Bike/Pedestrian safety
- Traffic Volume/Congestion

Other Comments: instances of passing on a section of 180th w/ 7 houses
On one occasion, I witnessed a line of 9 cars (ea side of street)
at the stop sign at the intersection of 93rd Ave / 180th St



Public Comment Sheet

Name: Michael Groleau Telephone: 305 951 2169

Address: 9305 SW 180th Street City: Miami State: FL

Email: Michael.Groleau@icloud.com

Representing: Homeowner Business Other: Rent

Please use the space below to comment on the streets and/or intersections you have a traffic concern with. Feel free to write on the back if needed.

Check all traffic concerns that apply

I have a traffic concern with...

1. 93rd ave and 180th St intersection/street. (Intersection or Street name) (circle one)

- Speeding Bike/Pedestrian safety
Cut-throughs Traffic Volume/Congestion
Other:

2. intersection/street. (Intersection or Street name) (circle one)

- Speeding Bike/Pedestrian safety
Cut-throughs Traffic Volume/Congestion
Other:

3. intersection/street. (Intersection or Street name) (circle one)

- Speeding Bike/Pedestrian safety
Cut-throughs Traffic Volume/Congestion
Other:

Other Comments: The road block on 94th ave has caused dramatic traffic increase on 93rd.



Public Comment Sheet

Name: JOSE PERLA Telephone: 305-988-5111

Address: 17621 SW 93rd AVE City: PALMETTO BAY State: FL

Email: JOSE PERLA @ YAHOO. COM

Representing: Homeowner Business Other: _____

Please use the space below to comment on the streets and/or intersections you have a traffic concern with. Feel free to write on the back if needed.

Check all traffic concerns that apply

"I have a traffic concern with..."

1. 180TH ST & 94TH AVE intersection/street."
(Intersection or Street name) (circle one)
ROAD BLOCKADE CLOSURE

- Speeding
- Bike/Pedestrian safety
- Cut-throughs
- Traffic Volume/Congestion
- Other: STREET CLOSURE
CREATING A MAJOR TRAFFIC PROBLEM IN OUR NEIGHBORHOOD

2. _____ intersection/street."
(Intersection or Street name) (circle one)

- Speeding
- Bike/Pedestrian safety
- Cut-throughs
- Traffic Volume/Congestion
- Other: _____

3. _____ intersection/street."
(Intersection or Street name) (circle one)

- Speeding
- Bike/Pedestrian safety
- Cut-throughs
- Traffic Volume/Congestion
- Other: _____

Other Comments: THE BLOCKING OF SW 94TH AVE @ 180TH ST
HAS CREATED A MAJOR TRAFFIC PROBLEM IN OUR AREA
FROM SW 180TH ST TO SW 93rd AVE (FROM SW 180TH
ST ALL THE WAY TO US1/SW 160TH ST.

FAIR SOLUTION. REMOVE THE ROAD CLOSURE @ SW 94TH AVE
AND INSTALL SPEED BUMPS ALONG
94TH AVE @ SW 173TH TER & SW 177TH ST



Public Comment Sheet

Name: DONNA ADKINS Telephone: 305-484-8121

Address: 9370 S.W. 180 ST. City: PALMETTO BAY State: FL

Email: ACTION888@ATT.NET

Representing: Homeowner Business Other: _____

Please use the space below to comment on the streets and/or intersections you have a traffic concern with. Feel free to write on the back if needed.

Check all traffic concerns that apply

"I have a traffic concern with..."

1. 180 + 44 STREET intersection/street." (circle one)

- Speeding Bike/Pedestrian safety
- Cut-throughs Traffic Volume/Congestion
- Other: _____

2. _____ intersection/street." (circle one)

- Speeding Bike/Pedestrian safety
- Cut-throughs Traffic Volume/Congestion
- Other: _____

3. _____ intersection/street." (circle one)

- Speeding Bike/Pedestrian safety
- Cut-throughs Traffic Volume/Congestion
- Other: _____

Other Comments: SPEEDING VEHICLES, HONKING HORNS,
UNABLE TO BACK OUT OF DRIVEWAY
6:15 AM - 9:00 AM - 4:00 PM - 6:00 PM
UNABLE TO LOOK OUT FRONT YARD FROM
DINING & LIVING ROOM w/o SEEING CARS LINED UP!!



Public Comment Sheet

Name: Denise Dubane Telephone: (726) 247-2768

Address: 17701 SW 93rd Ave City: Palmetto Bay State: FL

Email: ~~djdubane~~ djdnd71@gmail.com

Representing: Homeowner Business Other: _____

Please use the space below to comment on the streets and/or intersections you have a traffic concern with. Feel free to write on the back if needed.

Check all traffic concerns that apply

"I have a traffic concern with..."

1. 93rd Ave between 174th - South intersection/street."
(Intersection or Street name) (circle one)

- Speeding
- Bike/Pedestrian safety
- Cut-throughs
- Traffic Volume/Congestion
- Other: _____

2. _____ intersection/street."
(Intersection or Street name) (circle one)

- Speeding
- Bike/Pedestrian safety
- Cut-throughs
- Traffic Volume/Congestion
- Other: _____

3. _____ intersection/street."
(Intersection or Street name) (circle one)

- Speeding
- Bike/Pedestrian safety
- Cut-throughs
- Traffic Volume/Congestion
- Other: _____

Other Comments: Traffic on 93rd Ave has increased considerably since 94th Ave (by the park) has been closed off. In the morning (7:00 am -) there are 6-7 cars lined up from the stop sign at 176th + 93rd Ave (4 way). Opening up 94th Ave may not be ideal. There was speeding, cars going the wrong way. It was difficult/dangerous to get to the park (walking) from the neighborhood. Perhaps speed bumps on 94th Ave after it is reopened.



Public Comment Sheet

Name: Sandra Lozowicki Telephone: 786-295-7568

Address: 7601 SW 175th Street City: Palmetto Bay State: FL

Email: Lozowicki3@att.net

Representing: Homeowner Business Other: _____

Please use the space below to comment on the streets and/or intersections you have a traffic concern with. Feel free to write on the back if needed.

Check all traffic concerns that apply

"I have a traffic concern with..."

1. 175th & 77th/78th Ave intersection/street."
(Intersection or Street name) (circle one)

- Speeding
- Bike/Pedestrian safety
- Cut-throughs
- Traffic Volume/Congestion
- Other: Dog walking

2. 176th & 77th Ave intersection/street."
(Intersection or Street name) (circle one)

- Speeding
- Bike/Pedestrian safety
- Cut-throughs
- Traffic Volume/Congestion
- Other: Dog walking

3. _____ intersection/street."
(Intersection or Street name) (circle one)

- Speeding
- Bike/Pedestrian safety
- Cut-throughs
- Traffic Volume/Congestion
- Other: _____

Other Comments: 6A-9A traffic on SW 176th Street to Palmer Trinity -> speeding cars and backed up cars

* 152nd and old cutby - please have a Right Turn lane! I no longer take that Route because of the long wait of the light. I know I'm not the only one.



Public Comment Sheet

Name: William Kestel Telephone: 305-969-7694

Address: 16720 SW 83 Ave City: P.B. State: FL

Email: bill.kestel@yahoo.com

Representing: Homeowner Business Other: _____

Please use the space below to comment on the streets and/or intersections you have a traffic concern with. Feel free to write on the back if needed.

Check all traffic concerns that apply

"I have a traffic concern with...
1. SW 83 Ave + SW 165 TERR intersection/street."
(Intersection or Street name) (circle one)

Speeding Bike/Pedestrian safety
 Cut-throughs Traffic Volume/Congestion
 Other: _____

2. SW 83 Ave + 168 ST intersection/street."
(Intersection or Street name) (circle one)

Speeding Bike/Pedestrian safety
 Cut-throughs Traffic Volume/Congestion
 Other: _____

3. _____ intersection/street."
(Intersection or Street name) (circle one)

Speeding Bike/Pedestrian safety
 Cut-throughs Traffic Volume/Congestion
 Other: _____

Other Comments: SW 83 Ave between SW 168 ST
and SW 165 TERR has been
determined to be the busiest
residential street in the village
and Traffic Redirection Needs to
be completed per Palmetto Bay
Resolution 2016-94.



Public Comment Sheet

Name: SUZANNE BANNER Telephone: _____
Address: 7900 SW 175 ST City: PB State: FL 33157
Email: SUZANNE DUNNICE BANNER@gmail.com
Representing: Homeowner Business Other: _____

Please use the space below to comment on the streets and/or intersections you have a traffic concern with. Feel free to write on the back if needed.

Check all traffic concerns that apply

"I have a traffic concern with..."

- 1. SW 176 ST intersection/street." Speeding Bike/Pedestrian safety
(Intersection or Street name) (circle one) Cut-throughs Traffic Volume/Congestion
 Other: _____
- 2. OLD CUTLER TR intersection/street." Speeding Bike/Pedestrian safety
(Intersection or Street name) (circle one) Cut-throughs Traffic Volume/Congestion
 Other: _____
- 3. 82 AVE intersection/street." Speeding Bike/Pedestrian safety
(Intersection or Street name) (circle one) Cut-throughs Traffic Volume/Congestion
 Other: _____

Other Comments: 1) TRAFFIC LIGHT AT OLD CUTLER + SW 176 ST NEEDS TO BE STAGED DURING SCHOOL HOURS.
2) NEED CALMING CIRCLES AT 176 ST. OR SPEED BUMPS
3) NEED EXTRA POLICE AT PALMER TRINITY DURING SCHOOL HOURS
4) NO TURN SIGNS AT CUT THROUGH STREETS
5) PUSH PTS TO OPEN 184 ST.



Public Comment Sheet

Name: Eric Tullberg Telephone: 305-255-2594
Address: 7884 SW 179 Tr. City: Palmetto Bay State: FL 33157
Email: e341@bellsouth.net
Representing: Homeowner Business Other: Green Mobility Network MPO - BPAC

Please use the space below to comment on the streets and/or intersections you have a traffic concern with. Feel free to write on the back if needed.

Check all traffic concerns that apply

"I have a traffic concern with..."

1. SW 72 Av. SW 136 St. SW 168 St. intersection/street.
(Intersection or Street name) (circle one)

- Speeding Bike/Pedestrian safety
- Cut-throughs Traffic Volume/Congestion
- Other: Needs to be Neighborhood Greenway

2. SW 176 St. & SW 77 Av. intersection/street.
(Intersection or Street name) (circle one)

- Speeding Bike/Pedestrian safety
- Cut-throughs Traffic Volume/Congestion
- Other: Stop sign to be replaced by small traffic circle

3. _____ intersection/street.
(Intersection or Street name) (circle one)

- Speeding Bike/Pedestrian safety
- Cut-throughs Traffic Volume/Congestion
- Other: _____

Other Comments: Think out of the box and reduce the number of trips - people driving to the park, children being driven to school, driving 2 miles to the store to get a gal. of milk. Bicycle Boulevards or Neighborhood Greenways slow traffic as well as provide safer streets for cyclists. Use small traffic circles like those on Salzedo in C.G. Slope them from the road to the center so drainage goes into the landscaping, not into the neighboring properties.



Public Comment Sheet

Name: JEAN MANUEL LANDEO Telephone: 305-904-2649

Address: 8285 SW 176 TERR City: PALMETTO BAY State: FL

Email: jalandeo@gmail.com

Representing: [x] Homeowner [] Business [] Other:

Please use the space below to comment on the streets and/or intersections you have a traffic concern with. Feel free to write on the back if needed.

Check all traffic concerns that apply

"I have a traffic concern with..."

1. 174 St. / OLD CUTTLER RD. intersection/street. (circle one)
(Intersection or Street name)

- [] Speeding [] Bike/Pedestrian safety
[x] Cut-throughs [x] Traffic Volume/Congestion
[] Other:

2. 176 St. / OLD CUTTLER RD. intersection/street. (circle one)
(Intersection or Street name)

- [x] Speeding [] Bike/Pedestrian safety
[] Cut-throughs [x] Traffic Volume/Congestion
[] Other:

3. OLD CUTTLER RD. intersection/street. (circle one)
(Intersection or Street name)

- [] Speeding [] Bike/Pedestrian safety
[] Cut-throughs [x] Traffic Volume/Congestion
[] Other:

Other Comments: []



Village of Palmetto Bay
Traffic Calming Study

MARLIN

Public Comment Sheet

Name: Steve Turner Telephone: 305 753 9246

Address: 16286 SW 88 Ave Rd City: Palmetto Bay State: FL

Email: turner160@aol.com

Representing: [X] Homeowner [] Business [] Other:

Please use the space below to comment on the streets and/or intersections you have a traffic concern with. Feel free to write on the back if needed.

Check all traffic concerns that apply

I have a traffic concern with...

1. 88 Ave Rd intersection/street. (circle one)

- [X] Speeding [] Bike/Pedestrian safety
[X] Cut-throughs [] Traffic Volume/Congestion
[] Other:

2. 87 Ave + 163 Ter intersection/street. (circle one)

- [] Speeding [] Bike/Pedestrian safety
[] Cut-throughs [] Traffic Volume/Congestion
[] Other: running stop sign

3. intersection/street. (circle one)

- [] Speeding [] Bike/Pedestrian safety
[] Cut-throughs [] Traffic Volume/Congestion
[] Other:

Other Comments:

The primary problem with traffic in Palmetto Bay is north/south flow. The city's and the county's main priority should be getting metro-rail extended to Homestead/Florida City.



Public Comment Sheet

Name: Donna Latshaw Telephone: 305-253-0494
Address: 8825 SW 154 TER City: P.B. State: FL
Email: CHUCKARITA@AOL.COM 33159
Representing: Homeowner Business Other: _____

Please use the space below to comment on the streets and/or intersections you have a traffic concern with. Feel free to write on the back if needed.

Check all traffic concerns that apply

"I have a traffic concern with..."

1. 87 AVE 154-168 ST intersection/street."
154 North in AM
South in PM
(Intersection or Street name) *South* (circle one)

- Speeding
- Bike/Pedestrian safety
- Cut-throughs
- Traffic Volume/Congestion
- Other: _____

2. 168 ST - 87 TO 82 AVE intersection/street."
East in AM, West in PM
(Intersection or Street name) (circle one)

- Speeding
- Bike/Pedestrian safety
- Cut-throughs
- Traffic Volume/Congestion
- Other: _____

3. 82 AVE - 168 NORTH intersection/street."
in AM
South in PM
(Intersection or Street name) *South* (circle one)

- Speeding
- Bike/Pedestrian safety
- Cut-throughs
- Traffic Volume/Congestion
- Other: _____

Other Comments: _____

DISTRICT 2



Village of Palmetto Bay
Traffic Calming Study

MARLIN

Public Comment Sheet

Name: CHARLES LATSHAW Telephone: 305-766-2835

Address: 8825 SW 154 TER R City: PALMETTO BAY State: FL

Email: CLATSHAW1@YAHOO.COM

Representing: [X] Homeowner [] Business [] Other:

Please use the space below to comment on the streets and/or intersections you have a traffic concern with. Feel free to write on the back if needed.

Check all traffic concerns that apply

"I have a traffic concern with..."

1. 152 US 7 (EAST SIDE) intersection/street." (Intersection or Street name) (circle one)

- [] Speeding [] Bike/Pedestrian safety [] Cut-throughs [X] Traffic Volume/Congestion [] Other:

2. 144 US 1 (SOUTH BOUND) intersection/street." (Intersection or Street name) (circle one)

- [] Speeding [] Bike/Pedestrian safety [] Cut-throughs [] Traffic Volume/Congestion [X] Other: PERMITTED TURNS

3. intersection/street." (Intersection or Street name) (circle one)

- [] Speeding [] Bike/Pedestrian safety [] Cut-throughs [] Traffic Volume/Congestion [] Other:

Other Comments:

1 WEST BOUND 152ST CONGESTED FOR VA TO 6 BLOCKS AT EVENING RUSH HOUR.
2 SOUTH BOUND US 1 SHOULD BE ABLE TO TURN LEFT ONTO SW144 - BUT MUST WAIT FOR ARROW. (S.B. US 1 at 152 CAN MAKE THE LEFT EVEN THOUGH THIS IS A LARGER INTERSECTION.



Public Comment Sheet

Name: Aaron Mattfeld Telephone: 646-765-4923
Address: 15300 SW 80th Ave City: Palmetto Bay State: FL
Email: huewindow333@gmail.com
Representing: Homeowner Business Other: _____

Please use the space below to comment on the streets and/or intersections you have a traffic concern with. Feel free to write on the back if needed.

Check all traffic concerns that apply

"I have a traffic concern with..."

1. 80th Avenue intersection/street." (circle one)
(Intersection or Street name)

- Speeding Bike/Pedestrian safety
- Cut-throughs Traffic Volume/Congestion
- Other: _____

2. 80th & 152nd intersection/street." (circle one)
(Intersection or Street name)

- Speeding Bike/Pedestrian safety
- Cut-throughs Traffic Volume/Congestion
- Other: Traffic accidents

3. _____ intersection/street." (circle one)
(Intersection or Street name)

- Speeding Bike/Pedestrian safety
- Cut-throughs Traffic Volume/Congestion
- Other: _____

Other Comments: My children cannot safely walk to school or the Coral Reef park. Any intervention that will make this avenue and intersection safer would be welcomed.



Public Comment Sheet

Name: John & Donna Underwood Telephone: 305. 238.6287

Address: 7480 SW 157 Ter City: State:

Email: junder@aol.com & dsumiami@aol.com

Representing: [x] Homeowner [] Business [] Other:

Please use the space below to comment on the streets and/or intersections you have a traffic concern with. Feel free to write on the back if needed.

Check all traffic concerns that apply

"I have a traffic concern with..."

1. 157 Terrace intersection/street." (Intersection or Street name) (circle one)

- [] Speeding [] Bike/Pedestrian safety
[x] Cut-throughs [x] Traffic Volume/Congestion
[] Other:

2. intersection/street." (Intersection or Street name) (circle one)

- [] Speeding [] Bike/Pedestrian safety
[] Cut-throughs [] Traffic Volume/Congestion
[] Other:

3. intersection/street." (Intersection or Street name) (circle one)

- [] Speeding [] Bike/Pedestrian safety
[] Cut-throughs [] Traffic Volume/Congestion
[] Other:

Other Comments:

- Make a designated left turn signal at 77th Ave & 152 St. Time the light in a.m. & p.m. for N+S traffic
Dedicate a R turn lane (like at 184 St) at 152nd St & OCR
Block off the end of 157 Terrace to bend north (like at 156 St)

Thank you for the table pumps on 157 Terrace. We are grateful for your prompt attention.



Public Comment Sheet

Name: Julia Cespedes Telephone: 305 378 0993

Address: 15230 SW 77 Ave City: VPB State: FL

Email: thejcespedes@gmail.com

Representing: Homeowner Business Other: _____

Please use the space below to comment on the streets and/or intersections you have a traffic concern with. Feel free to write on the back if needed.

Check all traffic concerns that apply

"I have a traffic concern with...
1. 77th Ave & 152nd ^{going South} intersection/street."
(Intersection or Street name) (circle one)

- Speeding
- Bike/Pedestrian safety
- Cut-throughs
- Traffic Volume/Congestion
- Other: 77th Ave is a NO-thru Street

2. _____ intersection/street."
(Intersection or Street name) (circle one)

- Speeding
- Bike/Pedestrian safety
- Cut-throughs
- Traffic Volume/Congestion
- Other: _____

3. _____ intersection/street."
(Intersection or Street name) (circle one)

- Speeding
- Bike/Pedestrian safety
- Cut-throughs
- Traffic Volume/Congestion
- Other: _____

Other Comments: _____



Public Comment Sheet

Name: Doug Rice Telephone: 305 505 1284

Address: 14020 SW 67th City: Palmetto Bay State: FL

Email: staurcar.com@aol.com

Representing: Homeowner Business Other: HOA

Please use the space below to comment on the streets and/or intersections you have a traffic concern with. Feel free to write on the back if needed.

Check all traffic concerns that apply

"I have a traffic concern with..."

1. 136st & 107 Ave intersection/street."
(Intersection or Street name) (circle one)

- Speeding
- Bike/Pedestrian safety
- Cut-throughs
- Traffic Volume/Congestion
- Other: _____

2. 144st & Oldcutler intersection/street."
(Intersection or Street name) (circle one)

- Speeding
- Bike/Pedestrian safety
- Cut-throughs
- Traffic Volume/Congestion
- Other: _____

3. 17th Ave & 144st intersection/street."
(Intersection or Street name) (circle one)

- Speeding
- Bike/Pedestrian safety
- Cut-throughs
- Traffic Volume/Congestion
- Other: FTY Row

Other Comments: Obviously over development has taxed our roadways beyond their capacity. This is particularly true @ 67 Ave & 136st. Moreover this intersection is poorly marked causing lane violations south bound on 67th Ave @ 136 St. Due to short left turn lane and lack of L-turn signal - drivers use R-turn only lane as a

The Village of Palmetto Bay, in compliance with the American Disabilities Act of 1990, hereby states that it does not discriminate on the basis of a disability in the administration of, or access to, any of its employment, programs, services, or activities. Information requests, copies of the ADA Grievance Procedure or copies of the Policy are available from the Village Clerk at (305) 259-1234.

through lane. This is only one of many traffic issues throughout.



Appendix B

Raw Data

Raw Data

Date	Zone	Street Name	BETWEEN	AND	Original Location	Street Classification	No. of through Lanes	Posted Speed Limit (MPH)	A.D.T.	AM Peak Hour Flow	AM PEAK		PM Peak Hour Flow	PM PEAK		85th Percentile Speed (MPH)	Crashes per Segment
											NB/EB	SB/WB		NB/EB	SB/WB		
											12/13/2016	1		OLD CUTLER RD	SW 136 ST/HOWARD DR		
12/6/2016	1	OLD CUTLER RD	SW 144 ST/MITCHELL DR	SW 152 ST/CORAL REEF DR	Old Cutler Rd Btwn SW 144th St and SW 146th Terr	Arterial	2LU	40	16115	1179	1091	372	1167	452	724	42	33
12/6/2016	1	S CARTEE RD	OLD CUTLER RD	SW 70 AVE/FARMER RD	S Cartee Rd Btwn Old Cutler Rd and SW 70th Ave	Local Residential	2LU	30	261	54	37	18	29	17	15	28	0
12/13/2016	1	SW 136 ST/HOWARD DR	SW 67 AVE/LUDLAM RD	SW 63 AVE	SW 136th st btwn SW 67th Ave and SW 63rd Ave	Arterial	2LU	35	16233	1141	1042	358	1122	431	812	41	1
12/6/2016	1	SW 136 ST/HOWARD DR	SW 67 AVE/LUDLAM RD	SW 72 AVE	SW 136th St btwn SW 70th Ave and SW 67th Ave	Urban Collector	2LU	35	5364	524	194	372	377	219	200	42	0
2/14/2017	1	SW 137 ST	SW 75 AVE	SW 77 AVE/PALMETTO RD	SW 137th St btwn SW 75th Ave and 77th Ave	Local Residential	2LU	30	154	29	19	11	25	8	18	27	0
2/28/2017	1	SW 137 ST	SW 82 AVE	SW 80 AVE	SW 137th St Btwn SW 82nd Ave and SW 80th Ave	Local Residential	2LU	30	75	12	11	2	7	7	6	27	0
2/16/2017	1	SW 138 ST	SW 75 AVE	SW 77 AVE/PALMETTO RD	SW 138th St btwn SW 75th Ave and 77th Ave	Local Residential	2LU	30	222	39	33	6	23	9	19	31	1
11/29/2016	1	SW 139 ST	SW 75 AVE	SW 77 AVE/PALMETTO RD	SW 139th St btwn SW 75th Ave adn SW 77th Ave	Local Residential	2LU	30	292	47	40	9	39	15	35	33	1
11/29/2016	1	SW 139 TR	SW 82 AVE	SW 78 AVE	SW 139th Ter btwn SW 78th Ct and SW 79th Ave	Local Residential	2LU	30	431	87	48	40	62	40	24	29	0
11/30/2016	1	SW 139 TR	SW 77 AVE/PALMETTO RD	SW 78 AVE	SW 139th Terrace btwn SW 77th Ave and SW 78th Ave	Local Residential	2LU	30	500	115	85	40	54	28	41	29	1
11/29/2016	1	SW 140 DR	SW 74 CT	SW 77 AVE/PALMETTO RD	SW 140th Dr btwn SW 74th Ct and SW 77th Ave	Local Residential	2LU	30	1177	313	299	14	109	25	98	34	0
4/27/2017	1	SW 140 TR	SW 82 AVE	SW 80 AVE	SW 140TH TER BTWN SW 82ND AVE AND SW 80TH AVE	Local Residential	2LU	30	446	45	12	34	51	32	20	32	0
4/27/2017	1	SW 141 ST	SW 77 AVE/PALMETTO RD	SW 78 AVE	SW 141ST ST BTWN SW 77TH AVE AND SW 78TH AVE	Local Residential	2LU	30	351	78	65	13	49	9	42	32	1
4/27/2017	1	SW 142 ST	SW 77 AVE/PALMETTO RD	SW 78 AVE	SW 142ND ST BTWN SW 77TH AVE BTWN SW 78TH AVE	Local Residential	2LU	30	191	40	36	4	25	8	18	32	0
4/27/2017	1	SW 143 ST	SW 77 AVE/PALMETTO RD	SW 78 AVE	SW 143TH ST BTWN SW 77TH AVE AND SW 78TH AVE	Local Residential	2LU	30	300	17	8	11	83	81	4	29	1
4/27/2017	1	SW 143 ST	SW 80 AVE	SW 82 AVE	SW 143RD ST BTWN SW 80TH AVE AND SW 82ND AVE	Local Residential	2LU	30	107	11	6	10	61	8	6	29	2
12/6/2016	1	SW 144 ST/MITCHELL DR	SR 5/US1/S DIXIE HWY	SW 87 AVE/GALLOWAY RD	SW 144th btwn SW 88th Ave and SW 87th Ave	Urban Collector	2LU	30	7144	492	280	245	609	328	304	36	26
12/6/2016	1	SW 144 ST/MITCHELL DR	SW 82 AVE	SW 77 AVE/PALMETTO RD	SW 144th St Btwn SW 79th Ave and SW 79th Ct	Urban Collector	2LU	30	6861	776	587	239	659	274	438	39	1
12/6/2016	1	SW 144 ST/MITCHELL DR	SW 82 AVE	SW 87 AVE/GALLOWAY RD	SW 144th St btwn SW 84th Ave and SW 84th Ct	Urban Collector	2LU	30	7054	630	458	245	598	252	369	39	4
12/6/2016	1	SW 144 ST/MITCHELL DR	SW 77 AVE/PALMETTO RD	OLD CUTLER RD	SW 144th St Btwn SW 73rd Ct and SW 74th Ave	Urban Collector	2LU	30	5384	587	417	189	480	224	364	40	3
2/14/2017	1	SW 144 ST/MITCHELL DR	OLD CUTLER RD	SW 67 AVE/LUDLAM RD	SW 144th St btwn Old culter Rd and SW 68th Ave	Urban Collector	2LU	30	2045	306	187	140	221	115	107	41	1
12/6/2016	1	SW 146 ST	SW 87 AVE/GALLOWAY RD	SW 82 AVE	SW 146th St Btwn SW 85th Ave and SW 87th Ave	Local Residential	2LU	30	521	60	45	22	50	18	38	35	3
1/12/2017	1	SW 148 ST	SR 5/US1/S DIXIE HWY	SW 87 AVE/GALLOWAY RD	SW 148th St btwn US1 and SW 88th Ave	Local Residential	2LU	30	3188	263	110	166	284	159	141	25	3
4/18/2017	1	SW 148 ST	OLD CUTLER RD	SW 74 AVE	SW 148TH ST BTWN OLD CUTLER RD AND SW 74TH AVE	Local Residential	2LU	30	492	125	121	16	41	15	36	28	0
1/10/2017	1	SW 152 ST/CORAL REEF DR	SW 87 AVE/GALLOWAY RD	SW 82 AVE	SW 152nd St btwn SW 85th Ave and SW 86th Ave	Urban Collector	2LU	35	10212	774	494	346	822	365	505	39	23
12/13/2016	1	SW 152 ST/CORAL REEF DR	SW 67 AVE/LUDLAM RD	OLD CUTLER RD	SW 152nd St btwn Old Cutler Rd and SW 67th Ave	Urban Collector	2LU	35	4156	610	434	229	480	196	314	43	5
2/14/2017	1	SW 152 ST/CORAL REEF DR	SW 82 AVE	SW 77 AVE/PALMETTO RD	SW 152nd St btwn SW 80th Ave and SW 79th Ave	Urban Collector	2LU	35	10850	929	818	288	899	265	684	36	1
1/10/2017	1	SW 152 ST/CORAL REEF DR	SR 5/US1/S DIXIE HWY	SW 87 AVE/GALLOWAY RD	SW 152nd st btwn US 1 and sw 89th ave	Local Residential	2LU	30	11158	774	412	395	858	400	537	33	1
12/13/2016	1	SW 67 AVE/LUDLAM RD	SW 136 ST/HOWARD DR	SW 144 ST/MITCHELL DR	SW 67th Ave btwn SW 136th st and SW 138th ter	Urban Collector	2LU	35	5383	676	362	314	577	292	354	42	1
12/13/2016	1	SW 67 AVE/LUDLAM RD	SW 144 ST/MITCHELL DR	SW 152 ST/CORAL REEF DR	SW 67th ave btwn SW 144th St and SW 149th Terr	Urban Collector	2LU	35	4739	580	297	312	720	334	416	38	0
2/14/2017	1	SW 67 AVE/LUDLAM RD	SW 136 ST/HOWARD DR	SW 133 TR	SW 67th Ave btwn SW 136th st and SW 133rd Terr	Urban Collector	2LU	30	8846	854	565	294	765	319	446	40	0
12/6/2016	1	SW 70 AVE/FARMER RD	SW 136 ST/HOWARD DR	SW 139 ST	SW 70th Ave Btwn SW 136th St and SW 139th St	Local Residential	2LU	30	1555	187	87	105	204	57	172	29	0
12/6/2016	1	SW 70 AVE/FARMER RD	S CARTEE RD	OLD CUTLER RD	SW 70th Ave Cartee Rd and SW 142nd Terr	Local Residential	2LU	30	880	121	59	68	113	39	75	30	1
12/13/2016	1	SW 74 AVE	SW 148 ST	SW 152 ST/CORAL REEF DR	SW 74th Ave btwn SW 148th St and SW 152nd St	Local Residential	2LU	30	391	79	71	11	38	19	21	35	0
12/13/2016	1	SW 74 PL	SW 148 ST	SW 152 ST/CORAL REEF DR	SW 74th PL btwn SW 148th St and SW 152nd St	Local Residential	2LU	30	589	80	74	17	127	12	121	35	1
11/29/2016	1	SW 75 AVE	SW 136 ST/HOWARD DR	SW 139 ST	SW 75th Ave btwn SW 136th St and SW 137th St	Local Residential	2LU	30	602	111	97	29	74	24	66	33	0
12/13/2016	1	SW 77 AVE/PALMETTO RD	SW 144 ST/MITCHELL DR	SW 152 ST/CORAL REEF DR	SW 77th Ave Btwn SW 152nd St and SW 147th Ter	Local Residential	2LU	35	11690	988	914	235	1105	260	936	40	26
11/29/2016	1	SW 77 AVE/PALMETTO RD	SW 136 ST/HOWARD DR	SW 144 ST/MITCHELL DR	SW 77th Ave btwn SW 136th St and SW SW138th St	Local Residential	2LU	35	13156	1108	954	260	1074	319	865	33	0
11/30/2016	1	SW 77 AVE/PALMETTO RD	SW 144 ST/MITCHELL DR	SW 136 ST/HOWARD DR	SW 77th Ave btwn SW 140th and SW 141st St	Urban Collector	2LU	30	14390	1319	1136	307	1126	329	893	38	0
12/13/2016	1	SW 78 AVE	SW 139 ST	SW 141 ST	SW 78th Ave btwn SW 139th Terr and SW 141st St	Local Residential	2LU	30	648	144	126	18	117	17	103	29	2
4/27/2017	1	SW 78 AVE	SW 144 ST/MITCHELL DR	SW 143 ST	SW 78TH AVE BTWN SW 144TH ST AND SW 143TH ST	Local Residential	2LU	30	1002	232	221	14	126	51	113	24	0
2/16/2017	1	SW 78 CT	SW 136 ST/HOWARD DR	SW 139 TR	SW 78th Ct Btwn SW 136th Ave and SW 139th Terrace	Local Residential	2LU	30	559	123	92	42	77	47	37	34	0
12/13/2016	1	SW 80 AVE	SW 144 ST/MITCHELL DR	SW 152 ST/CORAL REEF DR	SW 80th Ave Btwn SW 152nd St and SW 148th Dr	Local Residential	2LU	30	1124	126	93	80	231	197	34	33	2
4/27/2017	1	SW 80 AVE	SW 140 TR	SW 143 ST	SW 80TH AVE BTWN SW 140TH TERR AND SW 143 ST	Local Residential	2LU	30	268	26	22	8	37	17	28	33	0
2/14/2017	1	SW 80 CT	SW 136 ST/HOWARD DR	SW 138 ST	SW 80th Ct btwn SW 136th St and SW 138th St	Local Residential	2LU	30	252	38	33	7	43	11	37	29	1
12/13/2016	1	SW 87 AVE/GALLOWAY RD	SW 144 ST/MITCHELL DR	SW 152 ST/CORAL REEF DR	SW 87th Ave Btwn SW 152nd St and SW 150th Terr	Local Residential	2LU	30	4658	413	311	128	411	140	335	37	1
1/17/2017	1	SW 87 AVE/GALLOWAY RD	SW 152 ST/CORAL REEF DR	SW 155 TR	SW 87th Ave Btwn SW 155th Terrace and SW 152nd St	Local Residential	2LU	30	2521	212	146	76	286	82	228	37	2
12/6/2016	1	SW 87 AVE/GALLOWAY RD	SW 141 ST	SW 144 ST/MITCHELL DR	SW 87th Ave btwn SW 141st St and SW 144th St	Local Residential	2LU	30	1962	183	155	39	196	83	119	34	3
12/13/2016	1	SW 88 AVE	SW 152 ST/CORAL REEF DR	SW 151 ST	SW 88th Ave Btwn SW 152nd St and SW 151st St	Local Residential	2LU	30	533	44	26	25	48	17	32	35	0
12/13/2016	1	SW 89 AVE	SW 152 ST/CORAL REEF DR	SW 150 ST	SW 89th Ave Btwn SW 152nd St and SW 150th St	Local Residential	2LU	30	747	61	42	37	73	28	55	31	1
1/10/2017	1	SW 89 CT	SW 150 TR	SW 152 ST/CORAL REEF DR	SW 89th Ct Btwn SW 152nd St and SW 150th Ter	Local Residential	2LU	30	150	16	9	9	20	9	13	25	0
1/11/2017	2	SW 155 TR	SW 87 AVE/GALLOWAY RD	SW 89 AVE	SW 155th Ter btwn SW 88th Ave and SW 89th Ave	Local Residential	2LU	30	370	47	17	35	57	45	14	32	0
2/28/2017	2	SW 156 ST	SW 77 AVE/PALMETTO RD	SW 75 AVE	SW 156th St Btwn SW 77th Ave and SW 75th Ave	Local Residential	2LU	30	1024	102	47	55	179	164	19	28	0
1/11/2017	2	SW 156 ST	SW 92 AVE	SW 90 AVE	SW 156TH ST BTWN SW 92ND AVE AND SW 90TH AVE	Local Residential	2LU	30	1472	111	63	57	140	53	87	32	2
5/17/2017	2	SW 156 ST	OLD CUTLER RD	SW 72 AVE	SW 156 ST BTWN OLD CUTLER RD AND SW 72 AVE	Local Residential	2LU	30	86	7	2	5	28	3	27	26	2
1/19/2017	2	SW 157 ST	SW 89 AVE	SW 92 AVE	SW 157th St btwn SW 89th Ave and SW 90th Ave	Local Residential	2LU	30	1214	237	218	29	76	43	43	33	1
1/12/2017	2	SW 157 ST	SR 5/US1/S DIXIE HWY	SW 92 AVE	SW 157th St btwn US1 and SW 92nd Ave	Local Residential	2LU	30	1930	259	225	61	131	60	84	29	0
2/28/2017	2	SW 157 TR	SW 75 AVE	OLD CUTLER RD	SW 157 Terr Btwn SW 75th ave and Old Cutler Rd	Local Residential	2LU	30	1080	97	47	50	242	234	17	25	1
1/12/2017	2	SW 160 ST	SW 87 AVE/GALLOWAY RD	SW 82 AVE	SW 160th St btwn SW 87th Ave and SW 82nd St	Local Residential	2LU	30	2102	263	118	146	245	142	112	36	0
1/12/2017	2	SW 160 ST	SR 5/US1/S DIXIE HWY	SW 93 AVE	SW 160th st btwn US1 and SW 93rd Ave	Local Residential	2LU	30									

Raw Data

Date	Zone	Street Name	BETWEEN	AND	Original Location	Street Classification	No. of through Lanes	Posted Speed Limit (MPH)	A.D.T.	AM Peak Hour Flow	AM PEAK		PM Peak Hour Flow	PM PEAK		85th Percentile Speed (MPH)	Crashes per Segment
											NB/EB	SB/WB		NB/EB	SB/WB		
2/28/2017	2	SW 162 ST	SW 84 AVE	SW 82 AVE	SW 162nd St Btwn SW 84th Ave and SW 82nd Ave	Local Residential	2LU	30	86	7	3	4	26	6	23	29	0
3/7/2017	2	SW 162 ST	SW 82 AVE	SW 80 AVE	SW 162ND ST BTWN SW 82ND AVE AND SW 80TH AVE	Local Residential	2LU	30	866	272	136	136	180	82	106	27	0
3/7/2017	2	SW 163 ST	SW 82 AVE	SW 80 AVE	SW 163RD ST BTWN SW 82ND AVE AND SW 80TH AVE	Local Residential	2LU	30	622	190	82	108	116	33	86	29	0
1/19/2017	2	SW 164 ST	SW 74 AVE	OLD CUTLER RD	SW 164th St btwn SW 74th ave and Old Cutler rd	Local Residential	2LU	30	408	95	88	11	23	12	15	33	0
2/28/2017	2	SW 164 TR	SW 82 AVE	SW 84 AVE	SW 164th Terr Btwn SW 82nd Ave and SW 84th Ave	Local Residential	2LU	30	138	9	5	5	20	13	9	31	1
2/28/2017	2	SW 165 TR	SW 84 AVE	SW 82 AVE	SW 165th Terr Btwn SW 82nd Ave Btwn and SW 84th Ave	Local Residential	2LU	30	317	33	28	8	52	22	31	24	0
1/19/2017	2	SW 166 ST	SW 74 AVE	OLD CUTLER RD	SW 166th St btwn SW 74th ave and Old Cutler Rd	Local Residential	2LU	30	149	19	10	9	16	8	9	30	1
1/19/2017	2	SW 167 ST	SW 74 AVE	OLD CUTLER RD	SW 167th St btwn SW 74th Ave and Old Cutler Rd	Local Residential	2LU	30	140	14	7	8	16	9	10	30	0
1/19/2017	2	SW 168 ST/RICHMOND DR	SW 77 AVE/PALMETTO RD	SW 83 CT	SW 168th St btwn SW 77th Ave and SW 78th Ave	Urban Collector	2LU	35	6724	621	350	298	606	373	265	42	0
1/19/2017	2	SW 73 CT	SW 152 ST/CORAL REEF DR	SW 156 ST	SW 73rd St Btwn SW 152nd Terr and SW 156th St	Local Residential	2LU	30	265	22	14	11	26	15	17	28	1
1/19/2017	2	SW 74 CT	SW 164 ST	SW 168 ST/RICHMOND DR	SW 74th Ct btwn SW 164th and SW 168th St	Local Residential	2LU	30	393	104	76	32	26	13	19	34	0
2/14/2017	2	SW 74 PL	SW 152 ST/CORAL REEF DR	SW 156 ST	SW 74th Pl btwn SW 152nd St and SW 156th St	Local Residential	2LU	30	665	52	35	19	138	19	132	33	0
2/28/2017	2	SW 75 AVE	SW 156 ST	SW 157 TR	SW 75th Ave Btwn SW 156th St and SW 157 Terr	Local Residential	2LU	30	1154	99	55	44	258	19	249	21	0
1/19/2017	2	SW 77 AVE/PALMETTO RD	SW 152 ST/CORAL REEF DR	SW 156 ST	SW 77th Ave Btwn SW 152nd Terr and SW 156th st	Local Residential	2LU	30	1614	148	80	69	225	47	194	36	2
1/19/2017	2	SW 77 AVE/PALMETTO RD	SW 162 ST	SW 168 ST/RICHMOND DR	SW 77th Ave btwn 164th and SW 168th St	Local Residential	2LU	30	758	97	59	49	72	37	41	36	0
3/8/2017	2	SW 78 AVE	SW 168 ST/RICHMOND DR	SW 162 ST	SW 78TH AVE BTWN SW 168TH ST AND SW 162ND ST	Local Residential	2LU	30	877	255	123	141	266	111	169	30	0
1/10/2017	2	SW 80 AVE	SW 152 ST/CORAL REEF DR	SW 155 ST	SW 80th ave btwn SW 152nd St and SW 155th St	Local Residential	2LU	30	700	182	174	18	48	25	36	33	2
3/7/2017	2	SW 80 AVE	SW 168 ST/RICHMOND DR	SW 162 ST	SW 80 AVE BTWN SW 168TH ST AND SW 162ND ST	Local Residential	2LU	30	2352	346	290	56	417	121	350	33	0
1/10/2017	2	SW 81 AVE	SW 152 ST/CORAL REEF DR	SW 155 ST	SW 81 st ave btwn SW 152nd St and SW 155th St	Local Residential	2LU	30	571	195	195	11	32	9	27	35	0
1/11/2017	2	SW 82 AVE	SW 152 ST/CORAL REEF DR	SW 160 ST	SW 82nd ave btwn SW 155th St and SW 156th St	Urban Collector	2LU	30	12292	1089	1039	309	1105	309	945	37	1
1/11/2017	2	SW 82 AVE	SW 152 ST/CORAL REEF DR	SW 160 ST	SW 82nd ave btwn SW 152nd St and SW 155th St	Urban Collector	2LU	30	11471	891	718	304	1070	286	930	37	2
2/28/2017	2	SW 82 AVE	SW 160 ST	SW 162 ST	SW 82nd Ave Btwn SW 160th St and SW 162nd St	Local Residential	2LU	30	12009	1266	1174	332	1098	251	925	36	3
2/28/2017	2	SW 82 CT	SW 168 ST/RICHMOND DR	SW 165 TR	SW 82nd Ct Btwn SW 165th Terr and SW 168th St	Local Residential	2LU	30	143	14	8	6	29	6	24	31	0
2/28/2017	2	SW 83 AVE	SW 168 ST/RICHMOND DR	SW 165 TR	SW 83th Ave Btwn SW 165th Terr and SW 168th St	Local Residential	2LU	30	1292	110	75	43	175	35	154	26	1
2/28/2017	2	SW 83 AVE	SW 160 ST	SW 163 ST	SW 83rd Ave Btwnn SW 161st St and SW 162nd St	Local Residential	2LU	30	263	28	17	13	29	10	23	33	0
2/28/2017	2	SW 84 AVE	SW 162 ST	SW 164 ST	SW 84nd Ave Btwn SW 162nd Terr and SW 164th St	Local Residential	2LU	30	1227	120	85	35	161	37	129	35	0
5/24/2016	2	SW 84 AVE	SW 172 ST	SW 174 ST	SW 84TH AVE BTWN SW 172ND ST AND SW 174 ST	Local Residential	2LU	30	662	61	54	14	61	22	42	33	0
1/19/2017	2	SW 87 AVE/GALLOWAY RD	SW 160 ST	SW 155 TR	SW 87th Ave btwn SW 160th St and SW 155th Terr	Local Residential	2LU	30	2142	202	130	74	246	59	197	38	3
1/10/2017	2	SW 88 AVE	SW 152 ST/CORAL REEF DR	SW 155 TR	SW 88th Ave btwn SW 152nd St and SW 155th Terr	Local Residential	2LU	30	475	47	38	19	52	23	37	36	0
1/10/2017	2	SW 89 AVE	SW 152 ST/CORAL REEF DR	SW 155 TR	SW 89th Ave btwn SW 152nd St and SW 155th Terr	Local Residential	2LU	30	2273	336	302	66	162	61	126	35	0
1/10/2017	2	SW 89 AVE	SW 155 ST	SW 160 ST	SW 89th Ave btwn SW 157th St and SW 158th St	Local Residential	2LU	30	1129	119	53	66	113	52	63	30	1
1/12/2017	2	SW 90 AVE	SW 155 ST	SW 160 ST	SW 90th Ave btwn SW 157th St and SW 160th St	Local Residential	2LU	30	284	23	14	11	34	22	17	30	1
5/26/2016	2	SW 90 AVE	SW 168 ST/RICHMOND DR	SW 164 ST	SW 90th Ave Btwn SW 168th St and SW 164th St	Local Residential	2LU	30	906	168	134	34	72	41	35	38	0
1/19/2017	2	SW 92 AVE	SR 5/US1/S DIXIE HWY	SW 164 ST	SW 92nd Ave btwn US1 and SW 164th St	Local Residential	2LU	30	5444	418	141	306	444	272	187	33	6
1/12/2017	2	SW 93 AVE	SW 164 ST	SW 168 ST/RICHMOND DR	SW 93rd Ave btwn SW 164th and SW 168th St	Local Residential	2LU	30	1811	377	356	43	128	39	90	35	0
6/1/2016	3	SW 168 ST/RICHMOND DR	SR 5/US1/S DIXIE HWY	SW 90 AVE	SW 168th St Btwn SW 92nd Ave and SW 90th Ave	Urban Collector	2LU	35	5868	681	363	353	395	225	375	39	29
5/24/2017	3	SW 169 ST	OLD CUTLER RD	SW 73 CT	SW 169th St Btwn Old Cutler Rd and SW 73rd Ct	Local Residential	2LU	30	106	13	7	8	14	11	5	19	0
1/24/2017	3	SW 170 ST	SR 5/US1/S DIXIE HWY	SW 94 AVE	SW 170th St btwn US1 and SW 94th Ave	Local Residential	2LU	30	916	98	56	48	67	43	32	30	9
5/17/2017	3	SW 170 ST	SW 83 AVE	SW 78 AVE	SW 170th St Btwn SW 82nd Ave and SW 80th CT	Local Residential	2LU	30	138	15	13	7	15	9	9	29	1
5/24/2017	3	SW 170 ST	SW 88 CT	SW 89 AVE	SW 170th St Btwn SW 88th Ct and SW 89th Ave	Local Residential	2LU	30	186	17	14	6	32	15	18	26	0
5/17/2017	3	SW 170 TR	SW 85 AVE	SW 84 CT	SW 170th Terrace Btwn SW 85th Ave and SW 84th Ct	Local Residential	2LU	30	425	128	125	16	23	7	17	29	0
5/24/2017	3	SW 172 ST	SW 74 AVE	SW 76 AVE	SW 172nd St Btwn SW 74th Ave and SW 76th Ave	Local Residential	2LU	30	103	11	7	6	11	8	6	28	0
5/17/2017	3	SW 172 ST	SW 85 AVE	SW 84 CT	SW 172nd St Btwn SW 85th Ave and SW 84th Ct	Local Residential	2LU	30	68	22	9	13	12	5	7	25	0
5/24/2017	3	SW 173 ST	OLD CUTLER RD	SW 77 AVE/PALMETTO RD	SW 173rd St Btwn Old Cutler Rd and Palmetto Rd	Local Residential	2LU	30	363	31	19	16	68	54	16	36	0
1/24/2017	3	SW 174 ST	OLD CUTLER RD	SW 77 AVE/PALMETTO RD	SW 174th St btwn Old cutler Rd and SW 73rd Ct	Local Residential	2LU	30	1524	383	371	98	97	30	86	31	0
1/25/2017	3	SW 174 ST	SR 5/US1/S DIXIE HWY	SW 94 AVE	SW 174th St btwn SW 95th Ave and SW 94th Ave	Local Residential	2LU	30	2942	366	226	154	222	114	124	37	8
5/24/2016	3	SW 174 ST	SW 93 AVE	SW 92 CT	SW 174th St Between SW 93rd Ave and SW 92nd Ct	Local Residential	2LU	30	1767	135	81	61	148	75	80	32	3
5/24/2016	3	SW 174 ST	SW 86 ST	SW 85 ST	SW 174th St Btwn SW 86th st and SW 85th st	Local Residential	2LU	30	367	40	34	15	34	21	17	31	0
2/28/2017	3	SW 174 ST	SW 90 AVE	SW 87 AVE/GALLOWAY RD	SW 174th St Btwn SW 88th Ave and SW 87th Ave	Local Residential	2LU	30	2256	483	348	141	208	107	101	37	8
1/24/2017	3	SW 175 ST	SW 78 AVE	SW 77 AVE/PALMETTO RD	SW 175th St btwn and SW 77th Ave	Local Residential	2LU	30	176	48	32	17	17	6	13	34	0
5/24/2017	3	SW 175 ST	SW 77 AVE/PALMETTO RD	SW 74 CT	SW 175th St Btwn SW 74th Ct and Palmetto Rd	Local Residential	2LU	30	215	96	90	6	11	7	6	33	0
1/24/2017	3	SW 176 ST	SW 77 AVE/PALMETTO RD	OLD CUTLER RD	SW 176th St btwn SW 77th Ave and Old Cutler Rd	Local Residential	2LU	30	2412	371	224	211	279	170	114	36	1
5/25/2016	3	SW 176 ST	SW 77 AVE/PALMETTO RD	SW 82 AVE	SW 176th St Btwn SW 78th Ave and SW 79th Ave	Local Residential	2LU	30	3217	548	296	263	333	202	131	38	2
5/24/2016	3	SW 176 ST	SW 77 AVE/PALMETTO RD	SW 82 AVE	SW 176th St Btwn SW 79th Ave and SW 80th Ct	Local Residential	2LU	30	2455	369	322	89	204	105	139	37	2
2/28/2017	3	SW 176 ST	SW 84 AVE	SW 87 AVE/GALLOWAY RD	SW 176th St Btwn SW th 85th Ave and SW 87th Ave	Local Residential	2LU	30	522	162	152	14	21	14	12	33	1
2/28/2017	3	SW 176 ST	SW 87 AVE/GALLOWAY RD	SW 89 AVE	SW 176th St Btwn SW th 87th Ave and SW 88th Ave	Local Residential	2LU	30	1116	371	175	199	73	56	26	41	0
4/25/2017	3	SW 178 ST	SW 87 AVE/GALLOWAY RD	SW 84 AVE	SW 178TH ST BTWN SW 87TH AVE AND SW 84TH AVE	Local Residential	2LU	30	264	35	12	23	30	20	12	33	0
4/25/2017	3	SW 178 TR	SW 92 AVE	SW 87 AVE/GALLOWAY RD	SW 178TH TERR BTWN SW 92ND AVE AND SW 87TH AVE	Local Residential	2LU	30	1162	117	51	73	119	47	94	36	1
4/25/2017	3	SW 179 ST	SW 87 AVE/GALLOWAY RD	SW 84 AVE	SW 179TH ST BTWN SW 87TH AVE AND SW 84TH AVE	Local Residential	2LU	30	214	63	59	6	19	8	11	32	0
1/18/2017	3	SW 180 ST	SW 97 AVE/FРАНJO RD	SW 94 AVE	SW 180th St btwn SW 97th Ave and SW 94th Ave	Local Residential	2LU	30	1535	182	147	55	136	83	64	35	2
4/25/2017	3	SW 180 ST	SW 87 AVE/GALLOWAY RD	SW 84 AVE	SW 180TH ST BTWN SW 87TH AVE AND SW 84TH AVE	Local Residential	2LU	30	172	19	16	7	17	8	16	29	0
4/27/2017	3	SW 180 ST	SW 93 AVE	SW 94 AVE	SW 180TH ST BTWN SW 93RD AVE AND SW 94TH AVE	Local Residential	2LU	30	872	96	45	51	92	24	73	32	0
4/25/2017	3	SW 181 ST	SW 87 AVE/GALLOWAY RD	SW 84 AVE	SW 181ST ST BTWN SW 87TH AVE AND SW 84TH AVE	Local Residential	2LU	30	138	45	39	12	42	10	32	34	1

Raw Data

Date	Zone	Street Name	BETWEEN	AND	Original Location	Street Classification	No. of through Lanes	Posted Speed Limit (MPH)	A.D.T.	AM Peak Hour Flow	AM PEAK		PM Peak Hour Flow	PM PEAK		85th Percentile Speed (MPH)	Crashes per Segment
											NB/EB	SB/WB		NB/EB	SB/WB		
4/27/2017	3	SW 183 TR	SW 78 CT	SW 78 PL	SW 183RD TER BTWN SW 78TH CT AND SW 78TH PL	Local Residential	2LU	30	605	63	25	39	48	23	30	24	0
1/12/2017	3	SW 185 ST	SW 92 AVE	SW 90 AVE	SW 185TH ST BTWN SW 92ND AVE AND SW 90TH AVE	Local Residential	2LU	30	450	38	22	16	42	18	27	28	0
1/24/2017	3	SW 74 CT	SW 174 ST	SW 176 ST	SW 74th Ct btwn SW 174th St and SW 176th St	Local Residential	2LU	30	565	168	141	51	29	19	16	30	0
5/24/2017	3	SW 74 CT	SW 168 ST/RICHMOND DR	SW 168 TR	SW 74th Ct Btwn SW 168th St and SW 168th Terrace	Local Residential	2LU	30	196	17	15	7	23	11	15	21	0
1/24/2017	3	SW 75 AVE	SW 178 TR	SW 176 ST	SW 75th Ave btwn SW 178th terr and SW 176th St	Local Residential	2LU	30	120	21	9	13	120	58	62	32	0
5/24/2017	3	SW 76 AVE	SW 169 ST	SW 170 ST	SW 76th Ave Btwn SW 169th St and SW 170 th St	Local Residential	2LU	30	156	19	16	6	15	9	7	30	0
1/24/2017	3	SW 77 AVE/PALMETTO RD	SW 174 ST	SW 176 ST	SW 77th Ave btwn SW 175th St and SW 176th St	Local Residential	2LU	30	1088	318	258	94	79	18	72	31	0
2/22/2017	3	SW 77 AVE/PALMETTO RD	SW 176 ST	SW 180 ST	SW 77th Ave btwn SW 176th St and SW 178th St	Local Residential	2LU	30	816	243	229	14	41	18	25	32	0
1/24/2017	3	SW 77 AVE/PALMETTO RD	SW 180 ST	OLD CUTLER RD	SW 77th Ave btwn SW 180th st and Old Cutler Rd	Local Residential	2LU	30	755	204	175	36	62	28	34	33	0
5/24/2017	3	SW 77 AVE/PALMETTO RD	SW 168 ST/RICHMOND DR	SW 173 ST	SW 77th Ave Btwn SW 169th St and SW 169th Terrace	Local Residential	2LU	30	657	54	40	22	86	23	69	34	0
1/24/2017	3	SW 78 AVE	SW 177 ST	SW 178 ST	SW 78th Ave btwn SW 177th St and SW 178th St	Local Residential	2LU	30	212	27	16	11	25	11	14	34	0
5/25/2017	3	SW 78 AVE	SW 168 ST/RICHMOND DR	SW 170 ST	SW 78th Ave Btwn SW 168th St and SW 170 th St	Local Residential	2LU	30	319	28	20	10	35	15	26	29	0
5/24/2017	3	SW 78 PL	SW 168 ST/RICHMOND DR	SW 170 ST	SW 78th Pl Btwn SW 168th St and SW 170th St	Local Residential	2LU	30	85	8	5	5	12	6	9	27	0
5/24/2016	3	SW 79 AVE	SW 176 ST	SW 175 ST	SW 79th Ave Btwn SW 176th St and SW 175th St	Local Residential	2LU	30	195	20	6	15	18	10	11	24	0
5/24/2017	3	SW 79 CT	SW 168 ST/RICHMOND DR	SW 170 ST	SW 79th Ct Btwn SW 168th St and SW 170th St	Local Residential	2LU	30	457	31	23	11	45	23	27	31	1
5/24/2017	3	SW 79 PL	SW 168 ST/RICHMOND DR	SW 170 ST	SW 79th Pl Btwn SW 168th St and SW 170th St	Local Residential	2LU	30	303	24	18	12	25	13	19	27	0
5/24/2017	3	SW 80 CT	SW 168 ST/RICHMOND DR	SW 170 ST	SW 80th Ct Btwn SW 168th St and SW 170th St	Local Residential	2LU	30	255	25	21	6	29	13	17	32	0
5/17/2017	3	SW 82 AVE	SW 168 ST/RICHMOND DR	SW 170 ST	SW 82nd Ave Btwn SW 168th St SW 170th St	Local Residential	2LU	30	653	56	41	20	67	27	40	34	4
2/22/2017	3	SW 82 AVE	SW 184 ST/EUREKA DR	SW 176 ST	SW 82nd Ave Btwn SW 183th St SW 182nd St	Local Residential	2LU	30	1064	220	204	28	58	37	31	36	0
5/17/2017	3	SW 82 CT	SW 168 ST/RICHMOND DR	SW 170 ST	SW 82nd Ct Btwn SW 168th St and SW 170th St	Local Residential	2LU	30	83	6	4	3	11	5	10	29	0
5/17/2017	3	SW 83 AVE	SW 168 ST/RICHMOND DR	SW 170 ST	SW 83rd Ave Btwn SW 170th St and SW 169th Terrace	Local Residential	2LU	30	376	33	21	14	38	22	19	31	0
2/22/2017	3	SW 83 AVE	SW 176 ST	SW 184 ST/EUREKA DR	SW 83rd Ave Btwn SW 176th St and SW 176th Terrace	Local Residential	2LU	30	258	25	18	9	24	12	13	22	0
5/26/2016	3	SW 84 AVE	SW 168 ST/RICHMOND DR	SW 170 TR	SW 84th Ave Btwn SW 168th St and 170th Terrace	Local Residential	2LU	30	1230	197	187	20	113	37	82	23	0
5/24/2016	3	SW 84 CT	SW 172 ST	SW 174 ST	SW 84th ct Btwn 172nd St and 174th St	Local Residential	2LU	30	82	8	7	7	11	6	6	33	1
5/24/2016	3	SW 85 AVE	SW 172 ST	SW 174 ST	SW 85th Ave Btwn SW 172nd St and SW 174th st	Local Residential	2LU	30	83	6	6	1	11	6	7	27	0
5/17/2017	3	SW 86 AVE	SW 168 ST/RICHMOND DR	SW 170 TR	SW 86 AVE BTWN SW 168 ST AND SW 170 TR	Local Residential	2LU	30	1216	379	332	77	45	16	34	32	0
2/28/2017	3	SW 87 AVE/GALLOWAY RD	SW 178 ST	SW 176 ST	SW 87th Ave Btwn SW 178th St and SW 176th St	Urban Collector	2LU	30	12040	1074	1003	311	1037	366	800	39	14
2/28/2017	3	SW 87 AVE/GALLOWAY RD	SW 168 ST/RICHMOND DR	SW 174 ST	SW 87th Ave Btwn SW 168th St and SW 174 St	Urban Collector	2LU	30	11016	818	606	391	1057	352	848	39	10
5/17/2017	3	SW 87 CT	SW 168 ST/RICHMOND DR	SW 174 ST	SW 87th Ct Between SW 168th St and SW 174th St	Urban Collector	2LU	35	396	99	77	22	27	12	17	28	0
5/26/2016	3	SW 88 AVE	SW 168 ST/RICHMOND DR	SW 174 ST	SW 88th Ct Btwn SW 168th St and SW 170th St	Local Residential	2LU	30	458	173	173	1	21	21		34	1
5/26/2016	3	SW 88 CT	SW 168 ST/RICHMOND DR	SW 170 ST	SW 88th Ct Btwn SW 168th St and SW 170th St	Local Residential	2LU	30	168	22	4	19	26	1	26	27	0
5/26/2016	3	SW 89 AVE	SW 168 ST/RICHMOND DR	SW 170 ST	SW 89th Ave Btwn SW 168th ST and SW 170th St	Local Residential	2LU	30	415	157	114	44	45	20	28	28	2
4/18/2017	3	SW 90 AVE	SW 170 ST	SW 174 ST	SW 90TH AVE BTWN SW 170TH ST AND SW 174TH ST	Local Residential	2LU	30	1880	432	311	132	173	68	106	34	0
4/18/2017	3	SW 92 AVE	SW 170 ST	SW 174 ST	SW 92 AVE BTWN SW 170 ST AND SW 174 ST	Local Residential	2LU	30	2054	359	348	39	172	46	141	29	0
4/27/2017	3	SW 92 AVE	SW 180 ST	SW 181 ST	SW 92ND AVE BTWN SW 180TH ST AND SW 181ST ST	Local Residential	2LU	30	2886	531	491	63	267	66	204	29	0
5/17/2017	3	SW 92 CT	SW 168 ST/RICHMOND DR	SW 174 ST	SW 92nd CT Btwn SW 170 th St and SW 174th St	Local Residential	2LU	30	826	224	202	30	55	19	37	37	1
4/27/2017	3	SW 93 AVE	SW 176 ST	SW 180 ST	SW 93RD AVE BTWN SW 176TH ST AND SW 180TH ST	Local Residential	2LU	30	1355	168	109	70	161	23	140	31	2
4/27/2017	3	SW 93 PL	SW 176 ST	SW 174 ST	SW 93RD PL BTWN SW 176TH ST AND SW 174TH ST	Local Residential	2LU	30	652	194	187	10	38	25	18	31	1
1/24/2017	3	SW 94 AVE	SW 170 ST	SW 174 ST	SW 94th Ave btwn SW 170th St and SW 174th St	Local Residential	2LU	30	1160	185	137	52	87	24	67	35	3
4/27/2017	3	SW 94 AVE	SW 176 ST	SW 180 ST	SW 94TH AVE BTWN SW 176TH ST AND SW 180TH ST	Local Residential	2LU	30	905	280	278	3	42	41	2	23	1
1/19/2017	3	SW 97 AVE/FRANJO RD	SR 5/US1/S DIXIE HWY	SW 180 ST	SW 97th Ave btwn US1 and SW 180th St	Urban Collector	2LU	30	6274	408	106	372	507	271	259	39	0



Appendix C

Intergovernmental Agency
Agreement

**THIS INTERGOVERNMENTAL AGENCY AGREEMENT
TO PERFORM TRAFFIC ENGINEERING FUNCTIONS**

THIS INTERGOVERNMENTAL AGENCY AGREEMENT TO PERFORM TRAFFIC ENGINEERING FUNCTIONS (**the Agreement**), made and entered into this ____ day of _____, 2017, by and between the **VILLAGE OF PALMETTO BAY, FLORIDA**, a municipal corporation of the STATE OF FLORIDA (“the Village”), and **MIAMI-DADE COUNTY (COUNTY)**, a political subdivision of the STATE OF FLORIDA, MIAMI-DADE County (the “County”)

WITNESSETH

WHEREAS, pursuant to Section 2-96.1 of the Miami-Dade County Code, all traffic control and traffic engineering services in Miami-Dade County are under the exclusive jurisdiction of the COUNTY; and

WHEREAS, the VILLAGE desires to assume the installation and maintenance responsibilities of certain traffic engineering functions pertaining to its local municipal streets only and has requested the County to allow it to perform the function of conducting engineering studies for the feasibility of traffic calming devices and installing traffic calming; and

WHEREAS, the Village has continuing services Transportation Engineers available to plan, design and perform construction inspection of Transportation Projects within its Capital Improvements Programs, and has represented to the County that it is capable, equipped, and qualified to perform the duties and functions requested herein; and

WHEREAS, the VILLAGE Council has adopted Resolution 2016-69, attached hereto as exhibit “A” and by reference made a part hereof, authorized its office(s) to enter into this **AGREEMENT**.

NOW THEREFORE, the VILLAGE and the COUNTY agree as follows:

1. The recitals set forth above are incorporated herein by reference.
2. The VILLAGE may install and maintain the following designated types of traffic calming devices, and/or signs (collectively the “Traffic Calming Devices”) and only on those local municipal streets operated and maintained by the Village within its boundaries, and not less than 250 feet from existing traffic signals, County roadways, State roadways and the boundaries of the Village limits; or within school zones, or adjacent to bicycle facilities or hospitals:
 - a) Traffic Circles
 - b) Speed Humps
 - c) Historic Street Name Signs
 - d) In-Street Pedestrian Crossing Signs
 - e) Raised Intersections

3. Any such Traffic Calming Devices may be installed on local municipal streets only after an appropriate traffic engineering study has been performed and signed and sealed by a Florida licensed professional engineer, and has received written approval by the Village Manager or his/her designee. A copy of such traffic study must be submitted to the Department of Transportation and Public Works ("DTPW").
4. Any such Traffic Calming Devices may be installed on local municipal streets only after sealed and signed design plans have been reviewed and received written approval by the Village, through its Village Manager or his/her designee. Provided that such design plans utilize the standard County design attached as Exhibit "B", or the standard Village design attached as Exhibit "C," as may be applicable, no additional review or approval by the County shall be required before installation. To the extent that design plans deviate from the standard design attached as Exhibit "B", such plans shall be submitted to the County for its review and written approval. A copy of such design plans must be submitted to the applicable Department of the County.
5. The VILLAGE shall attach a decal to the back of the sign panels indicating the Village's ownership and date of installation.
6. The VILLAGE assumes sole and complete responsibility for the maintenance of all such Traffic Calming Devices.
7. The VILLAGE assumes sole and complete liability for any and all accidents, damages, claims, and/or injuries which may or are alleged to occur or arise out of the installation, operation or maintenance of said Traffic Control Devices, and hereby indemnifies and saves harmless the County from any and all claims and damages arising from such installation, operation or maintenance of said Traffic Calming Devices. All Traffic Calming Devices installed by the VILLAGE in accordance with this AGREEMENT shall conform to the applicable requirements established by the following publications including latest **revisions**:

Manual on Uniform Traffic Control Devices for Streets and Highways, U.S. Department of Transportation Federal Highway Administration

Standard Highway Signs, U.S. Department of Transportation, Federal Highway Administration.

A Policy on Geometric Design of Highways and Streets, American Association of State Highway and Transportation Officials (AASHTO)

Roundabouts: An Informational Guide, Federal Highway Administration, U.S. Department of Transportation

Florida Roundabout Guide, Florida Department of Transportation

Florida Department of Transportation's Standard Specifications for Road and Bridge Construction.

Florida Bicycle Facilities Planning and Design Handbook, Florida Department of Transportation

Miami-Dade County Public Works Standard Details Manual

Miami-Dade County Traffic Flow Modification(s)/Street Closure Procedure,

Revised January, 2009, Attachment "A," or any other comparative criteria available to municipalities as may be in existence or approved in time by the County, with the decision to elect one option or the other to be determined at the Village's discretion.

8. Notwithstanding any other term in this Agreement, nothing shall be deemed to be a waiver of either the VILLAGE or the COUNTY'S immunity or limitation of liability as provided pursuant to Section 768.28, Florida Statutes, as may be amended from time to time.
9. For installation of Traffic Control Devices, the VILLAGE shall hire a COUNTY licensed contractor or perform the work in-house by the Village's Public Works crew.
10. Should the VILLAGE install street name signs at the same site where a stop-top street name sign exists, then the VILLAGE shall first install their sign on a separate post, not to interfere with any other traffic sign, other corners of the intersection may be used for the Village sign. Subsequently, the Village shall remove the County's stop-top street name signs by an approved sign contractor. All signs and hardware removed shall be dismantled and returned to the Traffic Signals and Signs Division of the County's Department of Transportation and Public Works. Street name signs installed at the intersection of two (2) local roads should be placed at the northeast or northwest corner. Village historic street name signs shall be of a design approved by DTPW. In-street pedestrian crossing signs placed on pavement shall not be metal type.
11. The VILLAGE shall be responsible for keeping records of any and all installation and repairs, and furnishing pertinent documents as and when said records may be requested by the County.
12. Either the Village or the County may, in their respective sole and complete discretion, terminate this Agreement, with or without cause and/or convenience of the terminating party, upon twenty (20) business days written notice; provided, however, the Village shall continue to maintain, repair, and be responsible for any traffic calming devices and signs installed by the Village while this Agreement was in effect. Prior to the termination of this Agreement, however, the Village may elect to remove any one or all Traffic Calming Devices installed by the Village; provided the Village shall restore the roadway and area in which the Traffic Calming Devices was located to the condition that existed before the Village's installation.
13. Upon written notification by the County, the Village shall immediately remove any Traffic Calming Device, at the Village's sole cost and expense that is not in compliance with the terms of this Agreement.
14. Any notice or communication required hereunder shall be addressed to the following:

TO COUNTY: Miami-Dade County

TO VILLAGE: Village of Palmetto Bay

IN WITNESS WHEREOF, the VILLAGE and the COUNTY have set their hands the day and year first above written.

Attest:

HARVEY RUVIN, CLERK

By: _____
County Deputy Clerk

MIAMI-DADE COUNTY

By: _____
County Mayor

Approved as to form and legal sufficiency

By: _____
Assistant County Attorney

Attest:

VILLAGE OF PALMETTO
BAY, a municipal corporation
OF the STATE OF FLORIDA

By: _____
Missy Arocha, Village Clerk

By: _____
Edward Silva, Village Manager

(AFFIX VILLAGE SEAL)

Approved as to form and legal sufficiency:

By: _____
Dexter W. Lehtinen, Village Attorney

EXHIBIT "A"

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RESOLUTION NO. 2016-69

A RESOLUTION OF THE MAYOR AND VILLAGE COUNCIL OF THE VILLAGE OF PALMETTO BAY, FLORIDA; RELATING TO AGREEMENTS; AUTHORIZING THE VILLAGE MANAGER TO EXECUTE AN INTERGOVERNMENTAL AGENCY AGREEMENT WITH MIAMI-DADE COUNTY, IN SUBSTANTIALLY THE ATTACHED FORM, TO PERFORM CERTAIN TRAFFIC ENGINEERING FUNCTIONS AND TO ALLOW THE VILLAGE OF PALMETTO BAY TO INSTALL AND MAINTAIN CERTAIN TRAFFIC CONTROL DEVICES AND SIGNS WITHIN LOCAL MUNICIPAL STREETS OPERATED AND MAINTAINED BY THE VILLAGE; AND PROVIDING FOR AN EFFECTIVE DATE. (Sponsored by Administration)

WHEREAS, Village of Palmetto Bay ("Village") residents are concerned about vehicles speeding and cut-through traffic traversing through their neighborhoods; therefore, desire to enter into an Intergovernmental Agreement with Miami-Dade County for the installation and maintenance of traffic calming devices; and

WHEREAS, the basis for the installation of traffic calming devices at a particular street will be based on the findings of a traffic study analysis, or by the decision of the Village Manager by a written finding that the installation of a traffic calming device is important for the preservation of the health and safety of affected residents; and

WHEREAS, Miami-Dade County, Florida, ("County") has exclusive jurisdiction over all traffic control devices in both, the incorporated and unincorporated areas of the County; and

WHEREAS, the Village is prohibited from installing and maintaining traffic calming devices, unless an Intergovernmental Agency Agreement with the County ("Intergovernmental Agreement"), is approved and executed in accordance with Section 2-96.1 County Code of Ordinances; and

WHEREAS, Village administration is respectfully requesting the Mayor and the Village Council of the Village of Palmetto Bay to authorize the Village Manager to enter into and execute an Intergovernmental Agency Agreement to perform engineering functions in order to proceed with installation and maintenance of traffic calming devices on local municipal streets operated and maintained by the Village; and,

WHEREAS, the Village Council finds that this Resolution authorizing execution of the Intergovernmental Agency Agreement is a crucial step in improving the flow of traffic and protecting the health, safety and welfare of residents affected by vehicles speeding and cut-through traffic traversing through the neighborhoods of the Village.

1 NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND VILLAGE
2 COUNCIL OF THE VILLAGE OF PALMETTO BAY, FLORIDA, AS FOLLOWS:
3

4 **Section 1. Recitals.** The above recitals are true and correct and are incorporated
5 herein by this reference.
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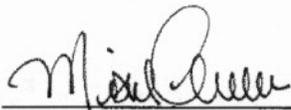
7 **Section 2. Approval of Agreement.** The Mayor and Village Council of the Village
8 of Palmetto Bay hereby authorize the Village Manager to execute an Intergovernmental Agency
9 Agreement with Miami Dade County, in substantially the form attached hereto as Exhibit "A",
10 which will allow the Village to install and maintain traffic calming devices and signs within the
11 local municipal streets operated and maintained by the Village.
12

13 **Section 3. Authorization of the Village Manager.** The Village Manager is
14 authorized to take all action necessary to enter into an Intergovernmental Agency Agreement
15 with Miami Dade County, in substantially the form attached hereto as Exhibit "A", to allow the
16 Village to perform engineering functions that will allow the Village to install and maintain traffic
17 calming devices and signs within the local municipal streets, in accordance with Section 2-96.1,
18 Miami-Dade County Code of Ordinances.
19

20 **Section 4.** This Resolution shall become effective upon the date of its adoption
21 herein.
22

23 **PASSED and ADOPTED** this 12th day of September, 2016.
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25
26
27 Attest:



28 Missy Arocha
29 Village Clerk
30



Eugene Flinn
Mayor
31

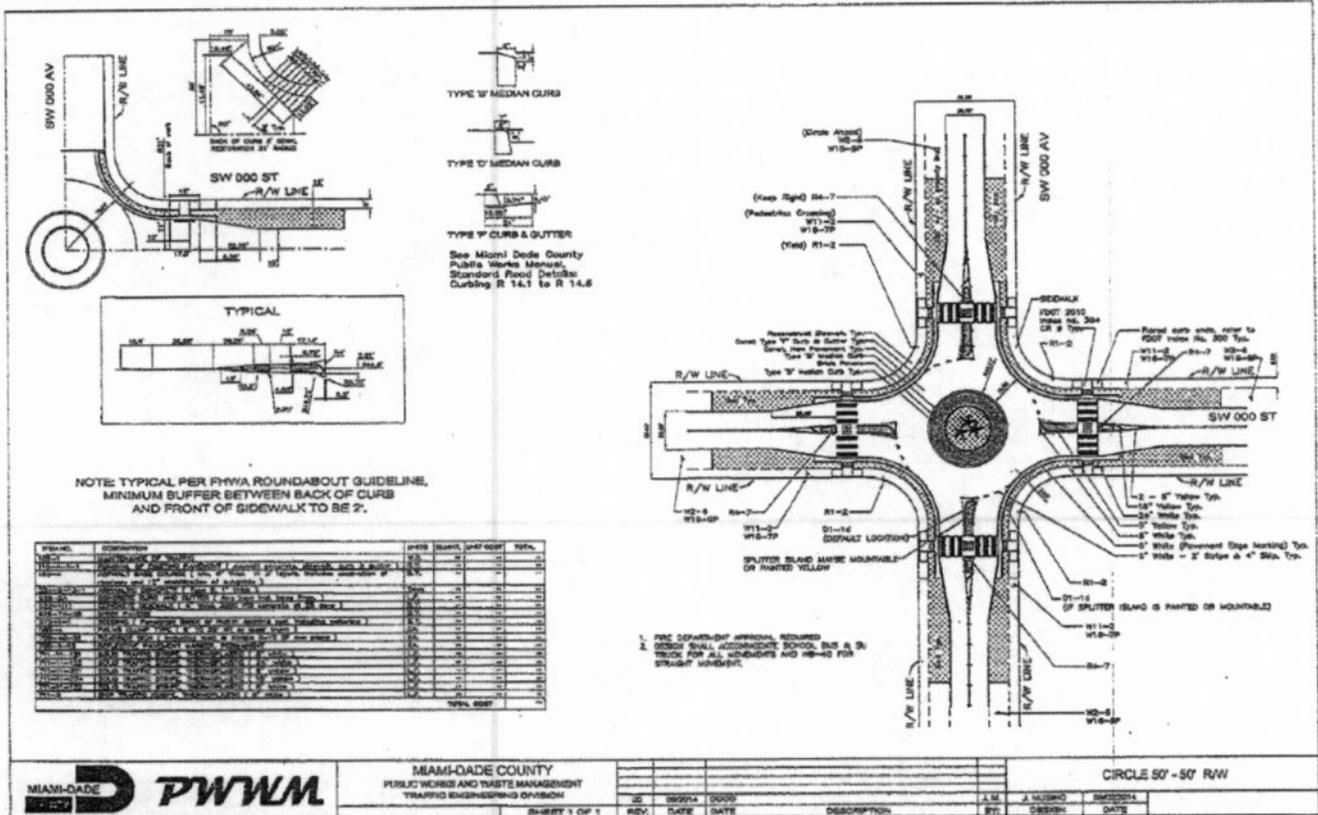
32 APPROVED AS TO FORM AND LEGAL SUFFICIENCY FOR THE
33 USE AND RELIANCE OF THE VILLAGE OF PALMETTO BAY ONLY:
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35

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37 

38 Dexter W. Lehtinen
39 Village Attorney
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EXHIBIT "B"

THIS DOCUMENT IS A SUBSTITUTION
TO ORIGINAL. BACKUP ORIGINAL
CAN BE SEEN AT THE END OF THIS
DOCUMENT.



MIAMI-DADE COUNTY
PUBLIC WORKS AND WASTE MANAGEMENT
TRAFFIC ENGINEERING DIVISION

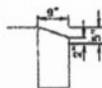
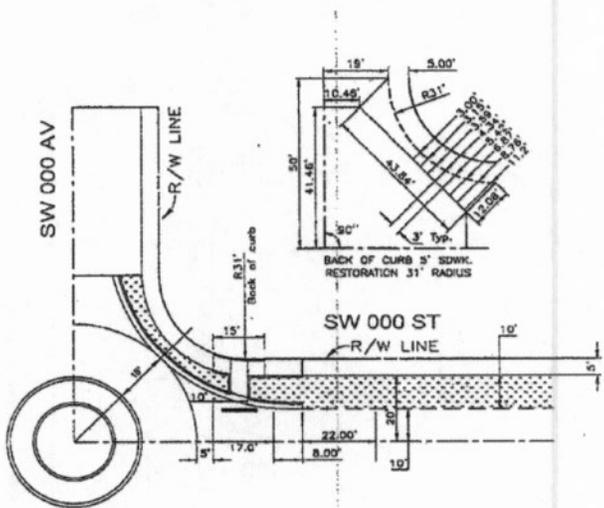
REV.	DATE	DATE	DESCRIPTION

CIRCLE 50' - 50' R/W

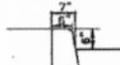
SHEET 1 OF 1

DATE: 08/04/00
BY: J. M. J. M. J.

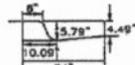
EXHIBIT "C"



TYPE 'B' MEDIAN CURB



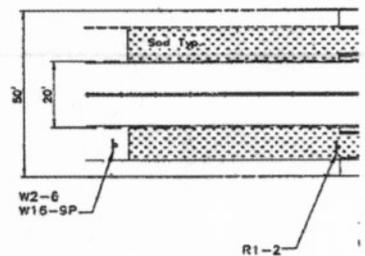
TYPE 'D' MEDIAN CURB



TYPE 'F' CURB & GUTTER

See Miami Dade County
Public Works Manual,
Standard Road Details:
Curbing R 14.1 to R 14.6

Reconstruct Sidewalk
Const Type 'F' Curb & Gutter
Const. New Pavement



ITEM NO.	DESCRIPTION	UNITS	QUANT.	UNIT COST	TOTAL
102-1	MAINTENANCE OF TRAFFIC	W.G.	--	--	--
110-4-1-1	REMOVAL OF EXISTING PAVEMENT (Asphalt concrete, sidewalk, curb & gutter)	S.Y.	--	--	--
180-4	ASPHALT BASE COURSE (Min. 6" thick in 3" layers. Includes excavation of roadway and 12" stabilization of subgrade)	S.Y.	--	--	--
334-2-13-1	ASPHALTIC CONCRETE (Type 3, 11" thick)	Tons	--	--	--
520-2A	CONCRETE CURB AND GUTTER (Any type incl. base Prep.)	L.F.	--	--	--
522-1(1)	CONCRETE SIDEWALK (4" thick 3000 PSI concrete at 28 days)	S.Y.	--	--	--
526-70-2B	BRICK PAVERS	S.Y.	--	--	--
575-1-1	SOODING (Pensacola Bahig or match existing spp. including watering)	S.Y.	--	--	--
585-2	PALMS CLUMP TYPE (8" TO 20" HT or clear trunk)	EA.	--	--	--
700-40-01	ROADSIDE SIGN (including post & strips 0-12 SF see plans)	EA.	--	--	--
702-1-12	REFLECTIVE PAVEMENT MARKER, PERMANENT	EA.	--	--	--
711-11-121	SOLID TRAFFIC STRIPE, THERMOPLASTIC (6" white)	L.F.	--	--	--
711-11-125	SOLID TRAFFIC STRIPE, THERMOPLASTIC (24" white)	L.F.	--	--	--
711-11-221	SOLID TRAFFIC STRIPE, THERMOPLASTIC (6" yellow)	L.F.	--	--	--