



To: Honorable Mayor and Village Council

Date: September 12, 2016

From: Edward Silva, Village Manager

Re: Installation of Multiple

Permanent Speed Tables south of  
SW 168<sup>TH</sup> ST, north of SW 165<sup>TH</sup>  
Terrace from SW 82<sup>ND</sup> AV to SW  
84<sup>TH</sup> AV

**A RESOLUTION OF THE MAYOR AND VILLAGE COUNCIL OF THE VILLAGE OF PALMETTO BAY, FLORIDA, RELATING TO CONTRACTS FOR CONSTRUCTION OF TRAFFIC CALMING IMPROVEMENTS; APPROVING THE SELECTION OF WILLIAMS PAVING COMPANY TO PROVIDE CONSTRUCTION SERVICES FOR THE INSTALLATION OF MULTIPLE PERMANENT ASPHALTIC SPEED TABLES AT THREE DIFFERENT LOCATIONS WITHIN THE VILLAGE OF PALMETTO BAY, SPECIFICALLY ON SW 83<sup>RD</sup> AVENUE BETWEEN SW 168<sup>TH</sup> STREET AND SW 165<sup>TH</sup> TERRACE, SW 82<sup>ND</sup> COURT BETWEEN SW 168<sup>TH</sup> STREET AND SW 165<sup>TH</sup> TERRACE, AND SW 165<sup>TH</sup> TERRACE BETWEEN SW 84<sup>TH</sup> AVENUE AND SW 82<sup>ND</sup> AVENUE; FURTHER AUTHORIZING THE VILLAGE MANAGER TO APPROVE EXPENDITURE OF FUNDS IN AN AMOUNT UP TO \$50,000 FOR PERMANENT TRAFFIC CALMING DEVICES THAT WILL SUBSTANTIALLY IMPROVE THE FLOW OF TRAFFIC; PROVIDING FOR AUTHORIZATION; AND PROVIDING FOR AN EFFECTIVE DATE. (Sponsored by Administration)**

#### **BACKGROUND AND ANALYSIS:**

The Village of Palmetto Bay is committed to the safety and livability of residential neighborhoods. Local and collector neighborhood streets are intended to provide access as a primary function with the needs of all road users generally given priority over moving traffic. When residential and collector roadways become cut-through routes, traffic volume, vehicle speed and road user safety become and issues. The Village receives numerous complaints about speeding, cut through traffic and road user safety every year, many of which are accompanied by requests for traffic calming devices such as permanent speed humps/tables, turn restrictions and all-way stops. In response to numerous request for traffic calming in various locations throughout the Village of Palmetto Bay, the Public Services Department (PSD) in December 2015 commenced a pilot program for placement of temporary speed hump devices for a 90 day period at locations that were identified in the June 18, 2015 Traffic Calming Initiative Presentation. The temporary speed humps were placed in accordance with the Village's Traffic Calming Request Policies and Procedures and Miami Dade County Traffic Flow Modification (s) Street Closure(s) Procedures for installation of temporary traffic calming devices.

The temporary devices once installed determined the effectiveness of the temporary device in alleviating speeding and volume concerns of vehicles on residential roadways during a.m. and p.m. peaks when school and work traffic traverses through the Village. Temporary speed hump devices effectively reduced speeds to 25 mph or less with nominal reduction in volume as most cars attempted to maneuver around the device to avoid impact further resulting in decreased speed of the vehicle. Since commencement of the FY 16-17 school year, the volume and speed of traffic has once again exceed the peak hour speed and traffic volume per hour threshold value which defines the point at which a local residential street begins to lose its livability. Based on field observations and data collected relevant to (traffic intrusion, excessive traffic volume, speeding, traffic conditions, etc.), staff is now recommending the installation of permanent speed tables which are devices installed on residential streets for the purpose of reducing motor vehicle speeds. The speed tables will be constructed with asphalt materials and are 22 feet in length with a flat top maximum height of 3.5 inches. The design of the flat top speed hump contains two, six feet tapered sections with a 10 feet flat section in the middle. The flat top speed table is designed for use on residential streets. The spacing of speed tables range between 300-500 feet. When speed tables are properly spaced, average vehicular speeds between speed tables range between 20 to 25 mph. The permanent speed tables recommended for placement on SW 83<sup>RD</sup> AVENUE between SW 168<sup>TH</sup> STREET and SW 165<sup>TH</sup> TERRACE, SW 82<sup>ND</sup> COURT between SW 168<sup>TH</sup> STREET and SW 165<sup>TH</sup> TERRACE, and SW 165<sup>TH</sup> TERRACE between SW 84<sup>TH</sup> AVENUE and SW 82<sup>ND</sup> AVENUE will in effectively reduce vehicular speed to 25 mph or less in this neighborhood.

Administration requested and received pricing from three contractors for construction of asphaltic speed tables at various locations throughout the Village. The lowest, most responsive proposal received was from Williams Paving Company for an amount of \$5,985.00 per speed table installed. Attached is Exhibit A which details the location and number of speed tables planned for installation at each location for a total project amount not to exceed \$50,000. Village Administration finds that this resolution is in the best interest and welfare of the residents of the Village. It is requested that the Village Council authorize the Village Manager to execute an agreement with William Paving Company to construct speed tables for the construction of speed tables on SW 83<sup>RD</sup> AVENUE between SW 168<sup>TH</sup> STREET and SW 165<sup>TH</sup> TERRACE, SW 82<sup>ND</sup> COURT. between SW 168<sup>TH</sup> STREET and SW 165<sup>TH</sup> TERRACE, and SW 165<sup>TH</sup> TERRACE between SW 84<sup>TH</sup> AVENUE and SW 82<sup>ND</sup> AVENUE for an amount of \$5,985.00 per speed table with a total project cost not to exceed \$50,000. Funding for this project is in the FY 2015-2016 Capital Improvement Plan.

**FISCAL/BUDGETARY IMPACT:**

The project is estimated to cost \$50,000. Funding is available and budgeted for this item under "Special Revenue Fund- Transportation – Traffic Calming" in an amount not to exceed \$50,000 in Fiscal Year 2015-2016.

**RECOMMENDATION:**

Approval is recommended.

**Attachments:**

- Exhibit A – Details of location and number of speed tables planned

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RESOLUTION NO. 2016-\_\_\_\_

A RESOLUTION OF THE MAYOR AND VILLAGE COUNCIL OF THE VILLAGE OF PALMETTO BAY, FLORIDA, RELATING TO CONTRACTS FOR CONSTRUCTION OF TRAFFIC CALMING IMPROVEMENTS; APPROVING THE SELECTION OF WILLIAMS PAVING COMPANY TO PROVIDE CONSTRUCTION SERVICES FOR THE INSTALLATION OF MULTIPLE PERMANENT ASPHALTIC SPEED TABLES AT THREE DIFFERENT LOCATIONS WITHIN THE VILLAGE OF PALMETTO BAY, SPECIFICALLY ON SW 83<sup>RD</sup> AVENUE BETWEEN SW 168<sup>TH</sup> STREET AND SW 165<sup>TH</sup> TERRACE, SW 82<sup>ND</sup> COURT BETWEEN SW 168<sup>TH</sup> STREET AND SW 165<sup>TH</sup> TERRACE, AND SW 165<sup>TH</sup> TERRACE BETWEEN SW 84<sup>TH</sup> AVENUE AND SW 82<sup>ND</sup> AVENUE; FURTHER AUTHORIZING THE VILLAGE MANAGER TO APPROVE EXPENDITURE OF FUNDS IN AN AMOUNT UP TO \$50,000 FOR PERMANENT TRAFFIC CALMING DEVICES THAT WILL SUBSTANTIALLY IMPROVE THE FLOW OF TRAFFIC; PROVIDING FOR AUTHORIZATION; AND PROVIDING FOR AN EFFECTIVE DATE. (Sponsored by Administration)

WHEREAS, the Village of Palmetto Bay is committed to the safety and livability of its residential neighborhoods; and

WHEREAS, Resolution No. 2016-60 and Resolution No. 2016-61 authorized expenditures of funds for placement of permanent traffic calming devices on various local residential streets t-throughout the Village; and

WHEREAS, temporary speed humps have been placed at additional locations in accordance with the Village's Traffic Calming Request Policies and Procedures and Miami Dade County Traffic Flow Modification (s) Street Closure(s) Procedures for a 90 day period; and

WHEREAS, the temporary speed hump devices installed effectively reduced speeds to 25mph or less with minimum reduction in volume; and

WHEREAS, based on field observations and data collected relevant to traffic intrusion, excessive traffic volume, speeding, traffic conditions, etc., village administration has determined that additional areas would benefit from the installation of permanent speed tables; and

WHEREAS, Village Administration has determined that speed tables are the most appropriate type of traffic calming device for placement on SW 82<sup>ND</sup> CT, SW 83<sup>RD</sup> AV, and SW 165<sup>TH</sup> TERRACE to reduce speeding of vehicles during peak hours .; and

WHEREAS, Administration requested and received proposals and pricing from three contractors for construction of asphaltic speed tables at various locations throughout the Village of Palmetto Bay, with the lowest most responsive proposal received from Williams Paving Company for an amount of \$5,985.00 per speed table installed; and

1           **WHEREAS**, Exhibit A details the locations and number of speed tables planned for  
2 immediate installation; and  
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4           **WHEREAS**, Village Administration finds that this Resolution is in the best interest and  
5 welfare of the residents of the Village of Palmetto Bay and is requesting that the Village Council  
6 authorize the Village Manager to execute an agreement with Williams Paving Company for the  
7 construction of speed tables on SW 83<sup>RD</sup> AVENUE between SW 168<sup>TH</sup> STREET and SW 165<sup>TH</sup>  
8 TERRACE, SW 82<sup>ND</sup> COURT between SW 168<sup>TH</sup> STREET and SW 165<sup>TH</sup> TERRACE, and SW  
9 165<sup>TH</sup> TERRACE between SW 84<sup>TH</sup> AVENUE and SW 82<sup>ND</sup> AVENUE for an amount of  
10 \$5,985.00 per speed table with a total project cost not to exceed \$50,000.  
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12           **NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND**  
13 **VILLAGE COUNCIL OF THE VILLAGE OF PALMETTO BAY, FLORIDA, AS**  
14 **FOLLOWS:**  
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16           **Section 1.** The Village Council hereby approves the selection of William Paving  
17 Company to construct speed tables on SW 83<sup>RD</sup> AVENUE between SW 168<sup>TH</sup> STREET and SW  
18 165<sup>TH</sup> TERRACE, SW 82<sup>ND</sup> COURT. between SW 168<sup>TH</sup> STREET and SW 165<sup>TH</sup> TERRACE,  
19 and SW 165<sup>TH</sup> TERRACE between SW 84<sup>TH</sup> AVENUE and SW 82<sup>ND</sup> AVENUE for an amount  
20 of \$5,985.00 per speed table with a total project cost not to exceed \$50,000.  
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22           **Section 2.** The Village Manager is hereby authorized to execute an agreement with  
23 Williams Paving Company for construction of speed tables for a contract amount not to exceed  
24 \$85,000, and related documentation on behalf of the Village, once approved as to final form,  
25 content and legal sufficiency by the Village Attorney.  
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27           **Section 3.** This Resolution shall become effective upon the date of its adoption  
28 herein.  
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30           PASSED AND ADOPTED this \_\_\_\_\_ day of September 2016.  
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34           Attest: \_\_\_\_\_

35           Missy Arocha  
36           Village Clerk  
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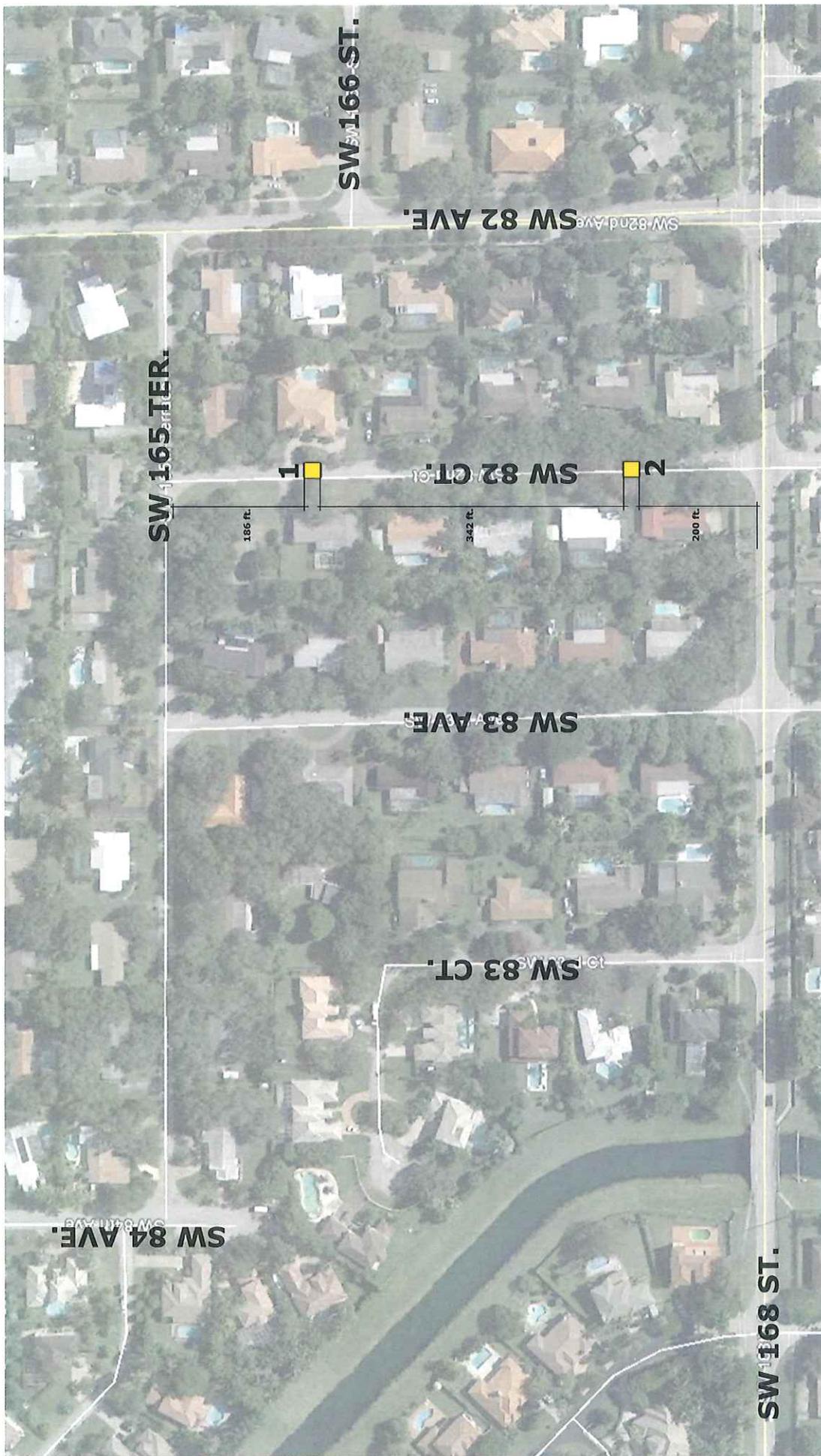
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38           Eugene Flinn  
39           Mayor  
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41           APPROVED AS TO FORM AND LEGAL SUFFICIENCY FOR THE USE  
42           AND RELIANCE OF THE VILLAGE OF PALMETTO BAY, FLORIDA ONLY:  
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48           Dexter W. Lehtinen  
            Village Attorney

1 FINAL VOTE AT ADOPTION:  
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3 Council Member Karyn Cunningham \_\_\_\_\_  
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5 Council Member Tim Schaffer \_\_\_\_\_  
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7 Council Member Larissa Siegel Lara \_\_\_\_\_  
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9 Vice-Mayor John DuBois \_\_\_\_\_  
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11 Mayor Eugene Flinn \_\_\_\_\_

EXHIBIT A





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