



To: Honorable Mayor and Village Council

Date: November 7, 2016

From: Edward Silva, Village Manager

Re: Installation of Multiple
Permanent Speed Tables

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 162ND STREET BETWEEN SW 74TH AVENUE AND SW 77TH AVENUE, SW 176TH STREET BETWEEN SW 78TH AVENUE AND SW 80TH COURT, SW 157TH TERRACE BETWEEN SW 75TH AVENUE AND OLD CUTLER ROAD, AND SW 148TH STREET BETWEEN SW 74TH AVENUE AND OLD CUTLER ROAD ; 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 continues to be committed to the safety and livability of residential neighborhoods. When residential and collector roadways become cut-through routes, traffic volume, vehicle speed and road user safety become an issue. The Village, in response to numerous requests for traffic calming commenced a pilot program for placement of temporary speed humps and other devices needed to redirect traffic for a 90 day period at various locations. Based on field observations relevant to traffic intrusion, excessive traffic volume, speeding, traffic conditions, etc. administration has determined that the installation of permanent speed tables will immediately discourage speeding.

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 foot tapered sections with a 10 foot 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 162ND STREET BETWEEN SW 74TH AVENUE AND SW 77TH AVENUE, SW 176TH STREET BETWEEN SW 78TH AVENUE AND SW 80TH COURT, SW 157TH TERRACE BETWEEN SW 75TH AVENUE AND OLD CUTLER ROAD, AND SW 148TH STREET BETWEEN SW 74TH AVENUE AND OLD CUTLER ROAD will effectively reduce vehicular speed to 25 mph or less in these neighborhoods.

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 on SW 162ND STREET BETWEEN SW 74TH AVENUE AND SW 77TH AVENUE, SW 176TH STREET BETWEEN SW 78TH AVENUE AND SW 80TH COURT, SW 157TH TERRACE BETWEEN SW 75TH AVENUE AND OLD CUTLER ROAD, AND SW 148TH STREET BETWEEN SW 74TH AVENUE AND OLD CUTLER ROAD 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 2016-2017 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 2016-2017.

RECOMMENDATION:

Approval is recommended.

1 RESOLUTION NO. 2016-_____

2
3 A RESOLUTION OF THE MAYOR AND VILLAGE COUNCIL OF THE
4 VILLAGE OF PALMETTO BAY, FLORIDA, RELATING TO
5 CONTRACTS FOR CONSTRUCTION OF TRAFFIC CALMING
6 IMPROVEMENTS; APPROVING THE SELECTION OF WILLIAMS
7 PAVING COMPANY TO PROVIDE CONSTRUCTION SERVICES FOR
8 THE INSTALLATION OF MULTIPLE PERMANENT ASPHALTIC
9 SPEED TABLES AT THREE DIFFERENT LOCATIONS WITHIN THE
10 VILLAGE OF PALMETTO BAY, SPECIFICALLY ON SW 162ND STREET
11 BETWEEN SW 74TH AVENUE AND SW 77TH AVENUE, SW 176TH
12 STREET BETWEEN SW 78TH AVENUE AND SW 80TH COURT, SW 157TH
13 TERRACE BETWEEN SW 75TH AVENUE AND OLD CUTLER ROAD,
14 AND SW 148TH STREET BETWEEN SW 74TH AVENUE AND OLD
15 CUTLER ROAD ; FURTHER AUTHORIZING THE VILLAGE
16 MANAGER TO APPROVE EXPENDITURE OF FUNDS IN AN
17 AMOUNT UP TO \$50,000 FOR PERMANENT TRAFFIC CALMING
18 DEVICES THAT WILL SUBSTANTIALLY IMPROVE THE FLOW OF
19 TRAFFIC; PROVIDING FOR AUTHORIZATION; AND PROVIDING
20 FOR AN EFFECTIVE DATE. (Sponsored by Administration)

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22
23 WHEREAS, the Village of Palmetto Bay continues to be committed to the safety and
24 livability of its residential neighborhoods; and

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26 WHEREAS, Resolution 2016-60,61,and 65 authorized expenditures of funds for
27 placement of permanent traffic calming devices on various local residential streets throughout the
28 Village; and

29
30 WHEREAS, based on field observations relevant to traffic intrusion, excessive traffic
31 volume, speeding, traffic conditions, etc., Village Administration has determined that the
32 installation of permanent speed tables will immediately discourage speeding; and

33
34 WHEREAS, Village Administration has determined that speed tables are the most
35 appropriate type of traffic calming device for placement on SW 162ND STREET BETWEEN SW
36 74TH AVENUE AND SW 77TH AVENUE, SW 176TH STREET BETWEEN SW 78TH
37 AVENUE AND SW 80TH COURT, SW 157TH TERRACE BETWEEN SW 75TH AVENUE
38 AND OLD CUTLER ROAD, AND SW 148TH STREET BETWEEN SW 74TH AVENUE
39 AND OLD CUTLER ROAD to reduce speeding of vehicles during peak hours; and

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41 WHEREAS, Administration requested and received proposals and pricing from three
42 contractors for construction of asphaltic speed tables at various locations throughout the Village
43 of Palmetto Bay, with the lowest most responsive proposal received from Williams Paving
44 Company for an amount of \$5,985.00 per speed table installed; and
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1 **WHEREAS**, Exhibit A details the locations and number of speed tables planned for
2 immediate installation; and
3

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 162ND STREET BETWEEN SW 74TH AVENUE AND SW
8 77TH AVENUE, SW 176TH STREET BETWEEN SW 78TH AVENUE AND SW 80TH COURT,
9 SW 157TH TERRACE BETWEEN SW 75TH AVENUE AND OLD CUTLER ROAD, AND
10 SW 148TH STREET BETWEEN SW 74TH AVENUE AND OLD CUTLER ROAD for an
11 amount of \$5,985.00 per speed table with a total project cost not to exceed \$50,000; and
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13 **WHEREAS**, funding for installation of permanent speed tables in these neighborhood
14 are within the current fiscal year's budget for Neighborhood Traffic Calming Improvements, and
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16 **WHEREAS**, upon Village Council approval, Williams Paving Company will install
17 permanent speed tables at the locations identified in Exhibit A in compliance with Village of
18 Palmetto Bay Traffic Calming Procedures.
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20 **NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND VILLAGE**
21 **COUNCIL OF THE VILLAGE OF PALMETTO BAY, FLORIDA, AS FOLLOWS:**
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23 **Section 1.** The Village Council hereby approves the selection of William Paving Company to
24 construct speed tables on SW 162ND STREET BETWEEN SW 74TH AVENUE AND SW 77TH
25 AVENUE, SW 176TH STREET BETWEEN SW 78TH AVENUE AND SW 80TH COURT, SW
26 157TH TERRACE BETWEEN SW 75TH AVENUE AND OLD CUTLER ROAD, AND SW
27 148TH STREET BETWEEN SW 74TH AVENUE AND OLD CUTLER ROAD for an amount
28 of \$5,985.00 per speed table with a total project cost not to exceed \$50,000.
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30 **Section 2.** The Village Manager is hereby authorized to execute an agreement with Williams
31 Paving Company for construction of speed tables for a contract amount not to exceed \$50,000,
32 and related documentation on behalf of the Village, once approved as to final form, content and
33 legal sufficiency by the Village Attorney.
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35 **Section 3.** This Resolution shall become effective upon the date of its adoption herein.
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38 **PASSED and ADOPTED** this 7th day of November 2016.
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41 Attest: _____
42 Missy Arocha
43 Interim Village Clerk
44

Eugene Flinn
Mayor
45
46

1 APPROVED AS TO FORM AND LEGAL SUFFICIENCY FOR THE USE
2 AND RELIANCE OF THE VILLAGE OF PALMETTO BAY, FLORIDA ONLY:

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4
5 _____
6 Dexter W. Lehtinen
7 Village Attorney

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11 FINAL VOTE AT ADOPTION:

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13 Council Member Karyn Cunningham _____
14
15 Council Member Tim Schaffer _____
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17 Council Member Larissa Siegel Lara _____
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19 Vice-Mayor John DuBois _____
20
21 Mayor Eugene Flinn _____
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EXHIBIT A



