



Samuel Ceballos, Jr.
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MEMORANDUM
Department of Police

**APPROVED
CHIEF OF POLICE**

DATE: June 2, 2014

TO: Samuel Ceballos, Jr., Chief of Police

FROM: *Derrick Bowman*
Derrick Bowman, Operations Lieutenant

RE: Traffic Study Reference Speed Hump Installation on SW 110th Street between State Road 5 (US1) and SW 77th Avenue

A preliminary traffic study was conducted during the month of May 2014, in reference to request made by Peter Bellas, a resident and president of the Arabesque Homeowners Association. Mr. Bellas made a request to the Village of Pinecrest to assess the feasibility of installing traffic calming measures (Speed Humps) along the roadway of SW 110th Street, between State Road 5 (US1) and SW 77th Avenue within the Village of Pinecrest.

It is the recommendation of the Pinecrest Police Operations Division, that the request for the installation of speed humps or other traffic calming measures not be considered by the Village of Pinecrest for approval due to not meeting Section 3, of the prescribed Miami Dade speed hump policy (See Attachment A). However, the traffic survey information gathered for this report in my opinion does support a need to increase speed enforcement in this area with police presence and on occasion the use of speed radar trailers to warn drivers of their current speed.

The Pinecrest Police Department used the Miami Dade Public Works Traffic Engineers, policy on the installation of speed humps, which establishes the guidelines that must be met before installation may be initiated. Miami Dade Public Works Traffic Engineer Department will evaluate and consider the installation of speed humps and other traffic calming measures, on a case by case basis, and only on local residential streets which meet the following criterion:

1. The street must be a local residential street.
2. The street shall not have more than one traffic lane in each direction.
- 3. The street must be at least 750 feet long, with no intersecting roadways in between.**
4. Traffic volumes on the street must equal or exceed 750 vehicles per day.
5. The street is posted at or has a speed limit of 30 MPH or less.
- 6. The traffic engineering study has determined that the 85th percentile speed on the street is at least 10 MPH over the posted speed limit.**
7. Speed humps will not be considered within 250 feet of a traffic signal, within 50 feet of an intersection, in front of a driveway, within an intersection or adjacent to fire hydrants.



8. The speed humps will not be considered in, or on the approaches, to a horizontal or a vertical curve where visibility of the hump is restricted.
- 9. The street should not be located along an emergency response route, Regional Transit or school bus route and must be approved by the respective agencies for installation of speed humps.**
- 10. Installation of these devices shall not cause the traffic to divert to other neighborhood streets.**
- 11. 2/3 of the property owners of the block(s) shall concur with the installation of the speed hump.**
- 12. The applicant agrees to pay for the cost of the design and the installation of the speed humps, along with the associated signage and pavement markings.**

The preliminary traffic study conducted by the Village of Pinecrest Police Department indicated that the requested speed hump or traffic calming installation project, either does not meet or would need further evaluation and approval from the Miami Dade Public Works Traffic Engineer Department.

Note: The above bolded criteria was shown in the study to either not meet or have a need for further evaluation and approval from Miami Dade Public Works Traffic Engineer Department.

- Section 3 states that the street in question must be at least 750 feet long, with no intersecting roadways in between. During the preliminary traffic study it was ascertained that SW 110th between State Road 5 (US1) and SW 77th Avenue, the total length of the road was 1291 feet which meets the minimal distance of 750 feet. However, the study did also show that there are (4) intersecting roadways along SW 110th Street between State Road 5 (US1) and SW 77th Avenue which includes SW 78th, SW 79th Avenue, and SW 77th, SW 78th Court. The aforementioned intersections are in conflict with the prescribed Miami Dade speed hump policy (See Attachment A).
- Section 6 states that traffic engineering study has determined that the 85th percentile speed on the street is at least 10 MPH over the posted speed limit. During the preliminary traffic study it was ascertained that SW 110th between State Road 5 (US1) and SW 77th Avenue, had an 85th percentile speed of 38.1 MPH in a posted 30 MPH speed zone (See Attachment B). The aforementioned 85th percentile conflicts with the prescribe 10 MPH over the posted speed requirement established by the Miami Dade speed hump policy. This section will need further evaluation by the Miami Dade Public Works Traffic Engineer Department.
- Section 9 states that the street should not be located along an emergency response route, Regional Transit or school bus route and must be approved by the respective agencies for installation of speed humps. This section will need further evaluation by the Miami Dade Public Works Traffic Engineer Department.

- Section 10 states that the Installation of these devices shall not cause the traffic to divert to other neighborhood streets. This section will need further evaluation by the Miami Dade Public Works Traffic Engineer Department.
- Section 11 states that 2/3 of the property owners of the block(s) shall concur with the installation of the speed hump. This section will need further evaluation by the Miami Dade Public Works Traffic Engineer Department.
- Section 12 states that the applicant agrees to pay for the cost of the design and the installation of the speed humps, along with the associated signage and pavement markings. This section will need further evaluation by the Village of Pinecrest and the Miami Dade Public Works Traffic Engineer Department to establish applicant fee responsibilities.

Cc: Accreditations Manager