

## INTEROFFICE MEMORANDUM

**DATE:** February 22, 1999  
**TO:** Nancy DiFede - Engineering Dept. Action Center Coordinator  
**FROM:** Charles R Walker, P.E.  
Director - Traffic Division  
**RE:** **ST. ANDREWS ROAD - SPEED HUMPS EVALUATION**  
**EAC # 22491998 - FINAL RESPONSE**

Personnel of the Traffic Division have evaluated the subject roadway for the possible installation of speed humps. The characteristics of this location were compared to the County's Speed Hump Policy which was approved by the Board of County Commissioners. The results of our studies are listed below.

The Policy states that speed humps should not be placed on roads that appear on the Thoroughfare Protection Map. Since this segment of road does not appear on this map, speed humps can be considered at this location.

**Classification:** ST. Andrews road was determined to be a residential collector roadway.

**Volume:** A residential collector roadway should have a minimum vehicle volume of 3000 vehicles per day. This criteria is met.

Traffic Division study results: 3404 vehicles per day.

**Speeding Vehicles:** The number of vehicles traveling in excess of the posted limit must be greater than 50% of the total traffic volume. This criteria is met.

The percentage of vehicles traveling in excess of the posted speed limit of 30 mph is 81.47 %. The 85th percentile speed is 39.81 mph.

**Cut through traffic:** The volume of cut through traffic must be greater than 10% of total traffic volume.

Cut through traffic is 65.25 % of the total volume.

**Accidents:** A pattern of traffic accidents must exist which can be prevented by implementing traffic calming techniques.

No speed related accidents were recorded on this section of road for the most recent one year period of 10-1-97 to 9-30-98.

**Roads in proximity to schools, parks and recreation areas with above average pedestrian activity.**  
There are no schools, parks or recreation areas at this location.

**Recommendation:** The above studies indicate that speed humps are appropriate for this location. Upon approval of the county Engineer, Traffic Division staff will deliver petitions to the requesting citizen.

  
CRW:DW:RP:

**FILE:** General - Speed Humps  
**Attachments:** Location Map

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