



INTEROFFICE MEMORANDUM

DATE: January 18, 2013
TO: Engineering Action Center
FROM: Motasem Al-Turk, Ph.D., P.E. Assistant Director - Traffic Division
RE: ST ANDREWS ROAD - WEST OF NASSAU ROAD SPEED HUMP EVALUATION EAC #5494 - FINAL RESPONSE

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The Traffic Division has evaluated the subject roadway for the possible installation of speed humps in accordance with the County's Speed Hump Policy. The evaluation showed that speed humps are appropriate for this location at this time.

Following is a summary of the evaluation findings:

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 is a residential roadway.

Volume: A residential roadway should have a minimum vehicle volume of 1500 vehicles per day. This criteria is not met. Study results: 778 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 54.1%. The 85th percentile speed is 37 mph.

Cut through traffic: The volume of cut through traffic must be greater than 10% of total traffic volume. A cut through traffic study was not performed at this location due to volume and speed warrants not being met.

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 ending on 12-31-2011.

St. Andrews Road is not in proximity to schools, parks and recreation areas with above average pedestrian activity.

Conclusion: The Traffic Division feels this request is warranted due to the fact that there is a series of speed humps to the east of this site and drivers speed up after them to make up time for the delay caused by the humps to the east. We will issue petitions for public support at this time.

MAA:RJP:saf
Attachments: Location Map

File: Roads - "S" Misc.
General - Speed Humps
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