

BOARD OF ALDERMEN

ITEM NO. B(2)

AGENDA ITEM ABSTRACT

MEETING DATE: June 4, 2002

TITLE: Resolution to Install Stop Signs at the Wyndham Drive/Tramore Drive Intersection and Amend the Town Code with a Stop Sign Ordinance

DEPARTMENT: PLANNING	PUBLIC HEARING: YES ___NO__X__
ATTACHMENTS: A. Ordinance Amendment to Town Code B. Citizen Petition C. Map of Wyndham-Tramore Intersection D. TAB Resolution -- May 16, 2002 E. Board of Aldermen Minutes – May 21, 2002	FOR INFORMATION CONTACT: Dale McKeel – 918-7329

PURPOSE

A petition to install two additional stop signs at the Wyndham Drive/Tramore Drive intersection was submitted to the town and evaluated by staff as provided in the Town's Residential Traffic Management Plan. The petition was reviewed by the Transportation Advisory Board on May 16, 2002. On May 21, 2002, the Board of Aldermen reviewed this item and instructed staff to install two additional stop signs at the intersection of Wyndham Drive and Tramore Drive.

INFORMATION

In March residents of Wexford presented a petition requesting that the of Wyndham-Tramore intersection be converted to a four-way stop (Attachment B). The intersection is currently a two-way stop with stop signs on Wyndham but not on Tramore (Attachment C). More than 75 percent of the occupants of the properties in the vicinity of the intersection signed the petition.

Wyndham Drive and Tramore Drive are "subcollector" streets with 26-foot pavement width and sidewalks on one side of the road. The Town has recently assumed maintenance of some streets in Wexford, resulting in the removal on April 12 of a barrier across Wyndham Drive. In April, the Public Works staff recorded traffic counts and vehicle speeds near the intersection. The results are as follows:

Date	Address	Vehicles Per Day	85 th Percentile Speed
April 24-25	205 Wyndham Drive	189	24.15 mph
April 24-25	209 Wyndham Drive	202	28.82 mph
April 24-25	303 Tramore Drive	459	30.16 mph
April 24-25	402 Tramore Drive	331	28.12 mph
April 24-25	501 Tramore Drive	74	33.46 mph

The “vehicles per day” column lists the total number of vehicles that passed this point on the street in both directions during a 24-hour period. The “85th percentile speed” is that speed at or below which 85 percent of the vehicles were moving. For instance, if the 85th percentile speed is 25 mph, then 85 percent of the vehicles were going 25 mph or lower, while 15 percent of the vehicles were going faster than 25 mph. Counts and speeds were monitored for multiple days; the chart lists the highest vehicle and speed counts recorded during a 24-hour period.

One of the criteria in the town’s Residential Traffic Management Plan is that 85th percentile speeds must exceed 35 mph (10 mph above the posted speed limit) in order for traffic calming measures to be installed on a street. While the speeds at several points on these streets exceeded the posted speed limit, none of the 85th percentile speeds exceeded 35 mph. Based on this information, staff recommended denial of the request, with ongoing monitoring of traffic speeds and the investigation of measures to enhance pedestrian safety.

The petition was reviewed by the TAB on May 16, 2002. The TAB recommended that priority should be placed on creating a four-way stop at the intersection of Tramore and Wyndham (Attachment D).

The staff presented the petition along with the TAB’s recommendation to the Board of Aldermen on May 21, 2002. The Board of Aldermen instructed staff to draft an ordinance that would allow the erection of two additional stop signs at the intersection of Wyndham Drive and Tramore Drive (Attachment A).

ADMINISTRATION’S RECOMMENDATION

The Administration recommends that the Board of Aldermen adopt the attached ordinance (Attachment A) to amend the Town Code and also instruct the Town staff to erect additional stop signs and add stop bars at the intersection.