



**JAMES J. BENES AND ASSOCIATES, INC.**

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**MEMORANDUM**

Date: November 24, 2015

To: Glenview Traffic Committee  
Village of Glenview

**DRAFT**

From: Thomas Adomshick, P.E., PTOE  
President

Philip M. Tartaglia, E.I.  
Engineering Intern

Re: Winnetka Road Volume and Speed Counts  
Glenview, Illinois  
Job No. 1394.061

The Village retained James J. Benes & Associates, Inc. to perform new daily vehicular volumes and speed data collection to identify any changes on Winnetka Rd since the last counts were performed in 2014. Over the past year the following traffic calming measures have been tried:

- Targeted police enforcement in the neighborhood during peak hours.
- Temporary use of speed trailers in the neighborhood.
- “20 MPH” markings were placed on the eastbound travel lane on the entry from Pfingsten Rd to supplement the existing posted speed limit sign.

Follow up traffic counts were performed as residents still had concerns that vehicles were traveling considerably above the posted speed limit. The new data was collected for three days from Tuesday, November 10th through Thursday, November 13th, 2015 using automatic counter/classifier devices. The traffic counters were placed mid-block on Winnetka Road between Pfingsten Road and Janney Road, and mid-block on Winnetka Road between Janney Road and Strawberry Lane to capture the highest travel speeds. The collected data is provided in the following table:

TRAFFIC DATA				
Street	Recorded Average Daily Traffic Volume		Recorded 85 <sup>th</sup> Percentile Speed	
	2014	2015	2014	2015
Winnetka Rd ( Pfingsten-Janney)	1047	973	36.8 mph	35.5 mph
Winnetka Rd (Janney-Strawberry)	1035	961	34.2 mph	34.1 mph

The recorded average daily traffic volume is the average of the raw traffic volumes recorded over the three day count period. The 85<sup>th</sup> percentile speed is the speed at or below which 85 percent of vehicles are traveling. In comparison to the 2014 speed and volume data, the recorded 2015 average daily traffic volumes are about 7% lower and the recorded 85<sup>th</sup> percentile speeds were only slightly lower, and above about 30 mph, the 85<sup>th</sup> percentile speed typical for Glenview residential streets.

This section of Winnetka Road is a long (2100 ft), relativity straight and wide street. The pavement width of approximately 35ft from back of curb to back of curb provides separate travel and parking lanes. Movement of thru vehicles is not noticeably affected by parked vehicles. These factors likely contribute to the higher speeds.

### **Conclusion and Potential Traffic Calming Options**

The 2015 recorded data indicates that vehicles traveling on Winnetka Road are still traveling at speeds above the typical 85<sup>th</sup> percentile speed on Glenview Residential streets. Based on the collected data, as a next step we recommend that the Village consider installing permanent speed boards as a speed mitigation measure on Winnetka Road. We suggest the speed boards to be placed as follows:

- The eastbound speed board be placed at the property line between 3623 and 3629 Winnetka Rd
- The westbound speed board be placed at the property line between 3412/3420 Winnetka Rd

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**DRAFT**