
MEMORANDUM

DATE: January 20, 2025

TO: Chad Pelishek, Assistant Village Manager

FROM: Lee R. Reibold, P.E.

RE: Woodland Road Speed Study Update
Lake Park Road to CTH N

The Calumet County Sheriff's Department deployed their speed trailer for a period of seven days, for both west bound and east bound traffic. The results of the data collection included average speed, 50th and 85th percentile speed, pace speed range, minimum and maximum speed and traffic volume. The data was collected between December 11th, 2024 and January 9th, 2025.

There are several factors that are reviewed as part of a speed study, including the following:

- 85th percentile speed.
- Crash data for the past five years.
- Assessment of the roadway geometrics including roadway width, curves, roadway hazards, sight distances, shoulder width and condition.
- Determination of the 10mph pace.
- Determination of the average speed.
- Evaluation of the density of roadway development in terms of the number of driveways and access points where vehicles can enter the roadway.
- Parking practices and pedestrian and vehicle activity.
- Current level of speed enforcement.

The results of the speed data collected by the Calumet County Sheriff's office indicate that the 85th percentile speed is within 5 mph of the posted speed limit, in this case 45mph, the posted speed limit falls within the range of the 10mph pace data collected, and the average speed data collected is within 5 mph of the posted speed limit. There have been no recent roadway alignment, horizontal or vertical, changes, or changes in width. With the recent Creekside Estates and Harrison Heights Subdivision Developments, there have been a few additional driveways and roadway access points constructed. Based upon the data collected by the Calumet County Sheriff's Department is within 5mph of the posted speed limit and that there have been no changes to the roadway geometrics, a complete speed study was not warranted and per the Wisconsin Department of Transportation Chapter 13 Section 5, Speed Limits, no change to the posted speed limit is warranted at this time.