

Dear Village Administrator Palmer:

This correspondence is in response to your below email to the New York State Department of Transportation (NYSDOT) requesting this Department's analysis in reviewing the Village of Bronxville's request for a 25 MPH speed limit on Route 22. Attached is the speed data collected for our recent speed study and a copy of United States Code Title 23 Chapter 23 – Highways.

A description of the factors that were used in evaluating the speed data is presented below. Please be aware that under U.S.C. Title 23 Ch 4 Section 409 (attached) this analysis is not subject to discovery. In the interest of interagency cooperation we are sharing this information with the Village of Bronxville.

A speed study was conducted in response to a request for a 25 MPH speed limit on Route 22 in the Village of Bronxville, NY.

The subject speed survey collected speed data at two locations on Route 22 in Village of Bronxville. Both locations are a two lane roadway with a 30 MPH posted speed limit.

One location was at the southern end of the Village (south of Pondfield Road) and one location was near Elm Rock Road where the Village is looking to install a crosswalk under HWP.

The speed data for the southern section is as follows:

Avg speed 31 MPH
85th % speed 36 MPH
10 MPH pace speed 26 to 35 MPH

The speed data for the northern location is as follows: (this location had variable message your speed signs in place)

Avg speed 32 MPH
85th % speed 36 MPH
10 MPH pace speed 25 to 34 MPH

The data shows that the 85th is 36 indicating that a 35 MPH speed limit is appropriate but the 85th falls outside the pace speed indicating that the majority of motorists are traveling on or about the posted speed limit. This is likely because the presence of slower drivers prevents faster motorists by queueing traffic on the two lane roadway.

The speed data collected shows that 98% and 92% (depending on location) of motorists were traveling at a speed in excess of 25 MPH. The speed study found that a 25 MPH speed limit is not appropriate at this location. This determination is based on the 85th percentile operating speed and review of the 10 MPH pace speeds.

It is the determination of this speed study that that the 30 MPH speed limit is appropriate.

If you have any further questions please contact me by email, or phone.

Dave

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Transportation**