

# MEMO

**To:** Village of Flower Hill  
**From:** Osman Barrie, PE, PTOE, PTP  
**Date:** February 4, 2021  
**Project:** Village of Flower Hill Traffic Study  
**N+P No:** 15089  
**Subject:** Executive Summary

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## EXECUTIVE SUMMARY

Nelson + Pope conducted a detailed traffic study to address resident concerns regarding high cut-through vehicular volumes and speeding along Village roadways within the hamlets of Port Washington, Roslyn and Manhasset, within Nassau County, New York. The study identified the roadways experiencing these issues and developed appropriate mitigation measures.

To conduct the study, field observations were conducted on the Study Area roadways during the weekday AM and PM peak hours to identify potential cut-through traffic and traffic safety issues. In addition to the field observations, current traffic volumes and both speed and historical accident data was obtained and analyzed.

The findings of the recorded observations and data analyses were summarized, and recommendations were made to improve traffic flow, safety and decrease cut-through traffic in the neighborhood. The recommendations included altering some neighborhood roadways to 'one-way' roads and the installation of speed humps as a means of traffic calming measures. Conceptual plans were prepared on aerial photographs for visual purposes.

The following is a summary of the findings and improvements recommended:

### Findings:

- Speeding was observed on Stonytown Road, Elderfield Road, Dogwood Land and Woodland Road. The speeds on the remaining Study Area roadways were found to be typical of those found in residential neighborhoods with a speed limit of 30 mph.

- The accident analyses indicate a total of 30 accidents occurred at or in the vicinity of the Study intersections during the analysis period. Most accidents resulted in property damage. Most of the accidents occurred on major roadways and not on the residential roadways.
- As indicated by the Village and observed by our Study, several motorists avoid the congestion of southbound and northbound Port Washington Boulevard and the intersection of Route 25A and Port Washington Boulevard by utilizing the cut-through via Middle Neck Road and Wood Valley Lane to Cherrywood Lane to Birchdale Lane to Woodland Rd to Ridge Drive East to W Center Drive. The cut-through emanates from Port Washington Boulevard southbound and from Northern Boulevard in the westbound direction.
- During our field investigation N+P did not observe the cut-through traffic on Birchdale Lane to Country Club Drive to Port Washington Boulevard nor on Ridge Drive East to Ridge Drive West to Northern Boulevard as had been explained to us by the Village.
- There appears to be a significant number of cut-through traffic on Manhasset Woods Road. Much of the traffic emanates from Stonytown Road to Northern Boulevard through Manhasset Woods Road. Park Avenue, which is located south of the Village, is a convenient east/west roadway that is parallel to Northern Boulevard and provides motorists a convenient bypass of Northern Boulevard traffic, particularly the intersection of Port Washington Boulevard and Route 25A.
- During our field investigation N+P did not observe the cut-through traffic on Dogwood Lane to Northwoods Road to Elderfield Road to Boulder Road to Manhasset Woods Road, nor on Dogwood Lane to Mason Drive to Pinewood Road to Bridge Road to Plandome Road, nor on Crabapple Road to Woodhill Lane as had been explained to us by the Village.

### **Recommendations:**

To eliminate some of the cut-through traffic and reduce speeding, the following recommendations are proposed:

- Cherrywood Lane be made one-way westbound from Birchdale Lane to Middle Neck Road.
- Ridge Drive E. be made one-way southbound from Sycamore Drive to W. Center Drive. Ridge Drive E. from Sycamore Drive to Woodland Road could remain two-way roadway.
- Manhasset Woods Road be made one-way southbound from Bonnie Heights Road to Elderfields Road. Manhasset Woods Road from Stonytown Road to Bonnie Heights Road could remain a two-way roadway.
- Installation of speed humps on several locations along the village local streets.