

MEMORANDUM

To: Trustee Patty Meroni
Village of Barrington Hills

From: Daniel J. Strahan, P.E., CFM
Gewalt Hamilton Associates

Date: December 13, 2012

Re: Barrington Hills 2012 Traffic Counts

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Attached is the updated traffic count spreadsheet including the 2012 traffic counts for the Village of Barrington Hills. Counts were taken at 65 locations. A few of the counts were taken in September in anticipation of the 2013 Road Program, while the bulk of the counts (57) occurred the week of November 5, 2012. The counts were completed in accordance with IDOT traffic-counting procedures.

The table includes historical traffic counting data accumulated as early as 1982 for several count locations throughout the Village. The last Village-wide count was completed in 2007, and a number of trends are visible in the data:

- Generally traffic volumes on Village maintained roads have decreased since 2007 by approximately 20% on average.
- The Village roadway segment with the highest daily traffic volume remains Plum Tree Road east of Ridge Road, though the decrease in volume on this roadway segment reflected the general decrease. An ADT of 6220 was observed in 2007, while the 2012 count was 4,960 vehicles, representing a decrease in volume of 20.3%.
- Observed values of 85th percentile speeds ranged from a low of 24.0 mph (Country Oaks Drive) to a high of 41.0 mph (Rolling Hills Drive). Additional detail of problem areas can be provided separately to Chief Murphy if requested.

cc: Robert Kosin, Village Administrator
Mike Murphy, Village of Barrington Hills Police Chief

