

City of Rochester Hills  
Department of Public Service

**Traffic Study Summary  
For Grandview & Sandy Ridge Drive  
Multi-way Stop Sign Installations**

February 23, 2004

**Background**

On September 12, 2003, several residents along Grandview Dr. submitted a written request (see correspondence) for Multi-way “Stop Signs” to be installed as speed control measures along Grandview Dr. at its intersections with Sandy Ridge Dr. and Ridgefield Ct.; and along Sandy Ridge Dr. at its intersection with Fairmont Dr. A meeting was held on September 22, 2003 at City Hall between the Mayor, city staff, and the residents who submitted written request. During the meeting, staff did not recommend the installation of Multi-way “Stop Signs” at these locations as a means for speed control.

On September 23, 2003, a TCO was issued for the installation of the above-referenced Multi-way “Stop Signs”. A revised TCO was later issued to extend the expiration date to April 9, 2003. Prior to approving or rejecting the TCO, City Council requested that city staff perform a formal traffic study at these locations and present the findings to the Advisory Traffic & Safety Board.

**Summary**

The traffic data was collected between the period of February 2<sup>nd</sup> and February 5<sup>th</sup>, 2004. The results were reviewed based upon the requirements set forth by the Michigan Manual of Uniform Traffic Control Devices (MMUTCD). In addition to investigating whether warrants were met for Corner Sight Distance Clearances, Crash History, and Traffic Volume Counts, the analysis included driver stopping compliance rates at these intersections.

**Conclusion**

Based on the traffic data collected, the “Stop Signs” in question **do not** meet the necessary warrants for installation, and therefore should be removed. A summary of each warrant study is attached.

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