



EAGAN

FOR CITY USE ONLY

Date Received _____

Date of Study _____

PETITION

INSTALLATION OF STOP SIGN

Background: The installation of STOP signs is regulated by the Minnesota Manual on Uniform Traffic Control Devices (MN MUTCD). The City of Eagan, along with most other cities, has adopted this manual to ensure uniformity in the installation of street signs. Uniformity and consistency throughout the metro area and the City of Eagan is important to obtain the highest level of compliance by the traveling public.

A study completed by the Federal Highway Administration found that in many low volume situations with no unusual history of intersection crashes, no control at the intersections is a cost-effective strategy. Research suggests that at most locations, increasing the level of intersection control will not improve safety¹.

Guidelines from the MN MUTCD:

- **STOP signs are not to be installed to control speed**, but rather, to regulate and control traffic at an intersection where the numbers of vehicles entering the intersection from several different directions require an assignment of right of way¹;
- Studies have shown that where STOP signs have been installed at unwarranted intersections on through streets as an attempt to control speed, speeds have actually increased before and after the intersection as the motorist tries to make up for the perceived "forced" delay¹;
- Pedestrians often obtain a false sense of security assuming that the traveling public will fully stop at these unexpected locations where many motorists in fact make only "rolling" stops at best. This creates a greater safety concern than when the pedestrian uses extra caution with no STOP sign in place¹.

In addition, the use of YIELD or STOP signs should be considered at the intersection of two minor streets or local roads where the intersection has more than three approaches and where one or more of the following conditions exist:

- A. The combined vehicular, bicycle, and pedestrian volume entering the intersection from all approaches averages more than 2,000 units per day;
- B. The ability to see conflicting traffic on an approach is not sufficient to allow a road user to stop or yield in compliance with the normal right-of-way rule if such stopping or yielding is necessary; and/or
- C. Crash records indicate that five or more crashes that involve the failure to yield the right-of-way at the intersection under the normal right-of-way rule have been reported within a 3-year period, or that three or more such crashes have been reported within a 2-year period.

YIELD or STOP signs should not be used for speed control.

¹ "Minnesota Manual on Uniform Traffic Control Devices (MN MUTCD)." Minnesota Department of Transportation, Feb. 2014, www.dot.state.mn.us/trafficeng/publ/mutcd/.



EAGAN

PETITION
INSTALLATION OF STOP SIGN

Location: We, the undersigned, hereby petition the City of Eagan Engineering Division conduct a study to consider the installation stop signs

on: _____
at the intersection with: _____

Signatures: We request that the City of Eagan Engineering Division take this petition request under consideration at its earliest opportunity and that we be informed as to when the study is complete.

Name (Please PRINT and INITIAL)

ADDRESS

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