



Legislation Text

File #: 23-0476B, Version: 1

CITY COUNCIL AGENDA ITEM

ACTION REQUESTED:

Waive the first reading and pass the ordinance to establish a two-way stop control at the intersection of Sunnybrook Drive/Stauffer Drive/Monterey Court (requires six positive votes)

DEPARTMENT: Transportation, Engineering and Development

SUBMITTED BY: Matt Calpin, Project Engineer

BOARD/COMMISSION REVIEW:

On May 4, 2023, the Transportation Advisory Board (TAB) recommended approval to establish two-way stop control at the intersection of Sunnybrook Drive/Stauffer Drive/Monterey Court. Approved (5-0); staff concurs.

BACKGROUND:

A concern that no stop control is at the four-way intersection of Sunnybrook Drive/Stauffer Drive/Monterey Court was brought to the Transportation Team. This location currently operates in accordance with the Illinois Rules of the Road for uncontrolled intersections.

DISCUSSION:

Sunnybrook Drive and Stauffer Drive are classified as Neighborhood Connectors with Monterey Court being classified as a local street. In the past five years, there have been no crashes or previous operational concerns at the Sunnybrook Drive/Stauffer Drive/Monterey Court intersection. However, two-way stop control is present at similar four-way intersections in the neighborhood (such as the adjacent Stauffer Drive and Claremont Drive/Carmel Court). Future intersection sight distance limitations due to tree or shrub growth on the residential properties adjacent to this uncontrolled intersection is also a potential concern.

City of Naperville stop controls are installed in accordance with the guidelines and standards established in the Federal Highway Administration's Manual on Uniform Traffic Control Devices and the Illinois Vehicle Code. The Illinois Vehicle Code allows local authorities to give preference to through-streets by establishing stop controls on intersecting streets. When implementing traffic control within a neighborhood, the City will typically assign the right-of-way to the street with a higher classification, as defined in the Master Thoroughfare Plan.

To determine the major movement, staff observed the intersection and collected traffic volumes at the intersection. Since a greater number of vehicles travel north and south along Stauffer Drive, staff recommends establishing two-way stop control for the east/west movements on Sunnybrook Drive and Monterey Court. This change will clarify the right-of-way assignment and match drivers' expectations with similar intersections in the neighborhood.

FISCAL IMPACT:

Installation of two stop signs will be approximately \$300.