



CITY OF APPLETON

MEMORANDUM

Date: 5/23/2025
To: Municipal Services Committee
From: Connor Deeg, E.I.T., Traffic Engineer
Subject: Approve ordinance change to install stop signs on Edgemere Drive at Kensington Drive

Based on a citizen complaint, the Traffic Section recently reviewed the intersection traffic control at the yield-controlled intersection of Edgemere Drive and Kensington Drive. This intersection is two intersections north of Newberry Street and primarily surrounded by residential land use.

In a typical intersection control study, the following characteristics are taken into consideration: 1) crash history, 2) safe approach speeds, 3) sight lines, and 4) traffic volumes. In this case, the entering volume of this intersection is approximately 1600 vehicles per day. A review of crash records indicated there were three reportable crashes at this intersection, one of which was deemed to be correctable by changing from yield to stop control. The critical approach speed for the intersection was found to be approximately 10 mph due to the nearby homes, apartments, and from the utilization of on-street parking.

Although this intersection does not meet the traffic volumes threshold, it does meet the crash frequency and critical approach speed thresholds for justification of two-way stop-control. As such, the Traffic Section recommends implementing two-way stop control. To accomplish this, the following ordinance action is required.

1. **Create:** "Install stop signs on Edgemere Drive at Kensington Drive."