



CITY OF APPLETON

MEMORANDUM

Date: 2/10/26
To: Municipal Services Committee
From: Eric Lom, P.E., City Traffic Engineer
Subject: Request to Approve recommended change to all-way stop control at the Durkee St / Florida Av intersection (*follow-up to a 6-month evaluation*)

General

In response to concerns about safety and congestion, the Traffic Section recently reviewed the intersection control at the Durkee Street / Florida Avenue intersection and subsequently initiated a six-month evaluation period to change from two-way stop control to all-way stop control. This intersection is located 0.3 miles west of Meade Street and 0.2 miles north of Northland Avenue (CTH OO). While both roadways are functionally classified as "Local," both carry higher-than-typical traffic volumes due to their proximity to multiple schools. The posted speed limit on both roadways is 25 mph.

Evaluation

The Federal Highway Administration (FHWA) states that certain criteria should typically be met in order to justify the implementation of all-way stop control. This typically involves evaluation of traffic volumes, crash experience, and the functional classification of the roadways. Designated School Safe Walking Routes and a variety of other factors are also considered when appropriate.

In this case, the main concerns at this intersection were: 1) southbound Durkee Street drivers were unable to make turns onto Florida Avenue during peak school pick-up and drop-off times, and 2) pedestrians were having difficulty crossing Florida Avenue. The combined effect of three nearby schools puts a severe strain on the roadway network in this area during those times. While options are limited to reasonably address these issues, the conversion to an all-way stop at this intersection was identified as an opportunity.

Recommendation

The all-way stop control has improved the situation with no significant downside. Additionally, we have not received any negative feedback. Based on this, we recommend making the change permanent. To accomplish this, the following ordinance action is required:

1. Create: "Install all-way stop control at the Durkee Street / Florida Avenue intersection."