



"... meeting community needs... enhancing quality of life."

DEPARTMENT OF PUBLIC WORKS  
Engineering Division – Traffic Section  
2625 E. Glendale Avenue  
Appleton, WI 54911  
TEL (920) 832-5580  
FAX (920) 832-5570

**To:** Municipal Services Committee  
**From:** Eric Lom, Traffic Engineer  
**Date:** June 17, 2020  
**Re:** Intersection traffic control at the Lorain Street / Story Street intersection  
*Follow-Up to Six-Month Trial Period*

Based on our annual crash records analysis, the Traffic Section recently reviewed the traffic control at the intersection of Lorain Street and Story Street, and subsequently initiated a six-month trial period to change from yield control to two-way stop control. This intersection is located three blocks west of Richmond Street and one block north of Packard Street. The land use in this area is residential.

In a typical intersection control study, we consider traffic volumes, crash history, safe approach speeds, etc. In this case, the estimated entering volume of this intersection is low to moderate, at approximately 1800 vehicles per day. A review of crash records indicated three crashes for the recent five-year period of 2015 through 2019. The critical approach speed for the intersection was found to be approximately 8 mph due primarily to vegetation and the home located in the southeast quadrant of the intersection. Both streets are classified as *local*.

While this intersection does not meet the volume or crash thresholds for stop control, the critical approach speed is below standard. As such, we recommend maintaining the two-way stop control that was implemented for the trial period.

**To accomplish this, the following ordinance action is required:**

1. **Create:** "Install Stop signs on Lorain Street at Story Street."