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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, City Traffic Engineer  
**Date:** March 2, 2022  
**Re:** Change to intersection traffic control at the Lindbergh Street / Summit Street intersection  
*Follow-Up to Six-Month Trial Period*

Based on a request from a concerned citizen, the Traffic Section recently reviewed the traffic control at the intersection of Lindbergh Street and Summit 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 three blocks north of Glendale Avenue. The land use in this area is primarily residential. Both streets are classified as *local*.

In a typical intersection control study, we consider traffic volumes, crash history, safe approach speeds, etc. In this case, the entering volume of this intersection is relatively low, at approximately 1,216 vehicles per day (recent traffic counts indicated 713 vehicles per day (vpd) on Lindbergh Street and 503 vpd on Summit Street). A review of crash records indicated three reportable crashes for the recent five-year period of 2016 through 2020. The critical approach speed for the intersection was found to be approximately 3 mph, due primarily to the home in the northwest quadrant of the intersection. This is indicative of severely limited sight distance.

While this intersection does not meet the volume threshold for stop control, the critical approach speed is below the standard for yield control. 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 Summit Street at Lindbergh Street."