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DEPARTMENT OF PUBLIC WORKS
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To: Municipal Services Committee
From: Eric Lom, Traffic Engineer
Date: November 17, 2021
Re: Intersection traffic control at the Outagamie Street / Pine 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 Pine Street and Outagamie Street, and subsequently initiated a six-month trial period to change from yield control to two-way stop control. This intersection is located one block east of Prospect Avenue and two blocks south of Haskel Street. 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 estimated entering volume of this intersection is low, at approximately 450 vehicles per day. A review of crash records indicated two reportable crashes for the recent five-year period of 2016 through 2020, both involving injuries. The critical approach speed for the intersection was found to be approximately 10 mph due primarily to trees and a home in the southeast quadrant of the intersection.

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 Pine Street at Outagamie Street."