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DEPARTMENT OF PUBLIC WORKS  
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**To:** Municipal Services Committee  
**From:** Eric Lom, Traffic Engineer  
**Date:** October 2, 2019  
**Re:** Intersection traffic control at the Locust Street / Parkway Boulevard intersection  
*Follow-Up to Six-Month Trial Period*

As a follow-up to a citizen concern, the Traffic Section recently reviewed the traffic control at the intersection of Locust Street and Parkway Boulevard, and subsequently initiated a six-month trial period to change from yield control to two-way stop control. This intersection is located one block west of Richmond Street and three blocks south of Glendale Avenue. The land use in this area is mixture of commercial and 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 1700 vehicles per day. A review of crash records indicated two crashes for the recent five-year period of 2015 through 2019. The critical approach speed for the intersection was found to be approximately 6 mph due primarily to vegetation located in the southeast and northeast quadrants 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 Locust Street at Parkway Boulevard."