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**To:** Municipal Services Committee  
**From:** Eric Lom, Traffic Engineer  
**Date:** March 5, 2019  
**Re:** Intersection traffic control at the Cedar Street/Mason Street intersection  
*Follow-Up to Six-Month Trial Period*

In response to ongoing concerns about traffic and pedestrian safety, the Traffic Section recently reviewed the control at the intersection of Cedar Street and Mason Street, and subsequently initiated a six-month trial period to change from two-way stop control to all-way stop control. This intersection is located in the Alecia Park area south/east of Prospect Avenue, at the top of rather steep hill.

The Cedar/Mason intersection is a four-legged intersection (one of the legs is a driveway), with the east leg located at the top of the Cedar Street hill, which provides access to the Lutz Park area. Historically, only Mason Street traffic (southbound) was stop controlled, with the Cedar Street legs being uncontrolled (eastbound and westbound). This configuration was a byproduct of concerns about placing a stop sign at the top of the Cedar Street hill, and how that might perform during winter months. However, this configuration was complicated by the fact that the sight lines for southbound traffic looking east were extremely poor due to the topography and some vegetation. This made southbound left turns and pedestrian crossings of Cedar Street very challenging.

Based on a review, my office determined that a sufficient "flat spot" exists on the westbound (uphill) approach for two vehicles, which should prevent "slide back" issues in the winter if stop control were implemented. Additionally, we identified opportunities to work with an adjacent property owner to cut back some problematic vegetation. As such, the conversion of this intersection to an all-way stop was tested as a way of offering a safer environment for southbound traffic and the large number of pedestrians that traverse the intersection daily to access Alecia and Lutz Parks.

During the trial period, it was noted the all-way stop control functioned as expected, increasing safety for drivers and pedestrians. Further, all feedback received by my office was positive. Based on this, we recommend making the changes permanent.

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

1. **Create:** "Install all-way stop control at the Cedar Street / Mason Street intersection."