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DEPARTMENT OF PUBLIC WORKS
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To: Municipal Services Committee
From: Eric Lom, Traffic Engineer
Date: February 19, 2019
Re: Intersection traffic control at the Bennett Street / Washington Street 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 Bennett Street and Washington Street, and subsequently initiated a six-month trial period to change from uncontrolled to stop control. This intersection is located one block north of College Avenue and two blocks west of Richmond Street. It is a three-legged intersection.

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 fairly low, at approximately 750 vehicles per day. A review of crash records indicated zero crashes for the recent five-year period of 2014 through 2018. However, the critical approach speed for the intersection was found to be approximately 5 mph due to the positioning of a home and vegetation in the northeast quadrant of the intersection (outside the legal vision corner). 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 well below the standard. As such, we recommend maintaining the stop control that was implemented for the trial period.

To accomplish this, the following ordinance action is required:

1. **Create:** "Install Stop signs on Washington Street at Bennett Street."