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DEPARTMENT OF PUBLIC WORKS
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To: Municipal Services Committee
From: Eric Lom, City Traffic Engineer
Date: March 15, 2022
Re: Change to intersection traffic control at the Osprey Dr/Ridgehaven Ln intersection
Follow-Up to Six-Month Trial Period

Based on requests from multiple citizens, the Traffic Section recently reviewed the traffic control at the intersection of Osprey Drive/Ridgehaven Lane, and subsequently initiated a six-month trial period to change from no control to one-way stop control. This “T” intersection is located 0.2 miles east of Ballard Road and 0.4 miles north of Edgewood Drive. 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 an estimated 750 vehicles per day. A review of crash records indicated zero reportable crashes for the recent five-year period of 2016 through 2020. The critical approach speed for the intersection was found to be approximately 4 mph, which is due to dense vegetation in the northwest corner.

While this intersection does not meet the volume threshold for stop control, the critical approach speed is below the standard for no control/yield control. As such, we recommend maintaining the one-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 Ridgehaven Lane at Osprey Drive.”



Dense Vegetation in Northwest Quadrant