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DEPARTMENT OF PUBLIC WORKS
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To: Municipal Services Committee
From: Eric Lom, Traffic Engineer
Date: June 2, 2021
Re: Intersection traffic control at the John Street / South Court intersection
Follow-Up to Six-Month Trial Period

Based on an aldermanic request, the Traffic Section recently reviewed the traffic control at the intersection of John Street and South Court, and subsequently initiated a six-month trial period to change from uncontrolled to one-way stop control. This intersection is located one block east of Meade Street near the entrance to the Eagle Point Senior Living complex. The land use in this area is mix of residential and institutional.

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 700 vehicles per day. A review of crash records indicated zero crashes for the recent five-year period of 2016 through 2020. The critical approach speed for the intersection was found to be approximately 7 mph due primarily to vegetation located in quadrants of the intersection. Both streets are classified as *local*.

While this intersection does not meet the volume threshold for stop control, the critical approach speed is below the standard for an uncontrolled intersection. 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 South Court at John Street."