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**DEPARTMENT OF PUBLIC WORKS**  
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**To:** Municipal Services Committee  
**From:** Eric Lom, City Traffic Engineer  
**Date:** December 5, 2023  
**Re:** Change to intersection traffic control at the Plaza Dr/Fountain Av intersection  
*Follow-Up to Six-Month Trial Period*

Based on a request from a concerned citizen, the Traffic Section recently reviewed the traffic control at the intersection of Plaza Dr and Fountain Av, 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 Telulah Av and one long block south of Taft Av. 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 approximately 540 vehicles per day. A review of crash records indicated zero reportable crashes for the recent five-year period of 2018 through 2022. The critical approach speed for the intersection was found to be approximately 10 mph (southbound), due primarily to the home in the northwest quadrant of the intersection.

While this intersection does not meet the volume threshold for stop control, the critical approach speed is below the standard for yield control. 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 Fountain Avenue at Plaza Drive."