

MEMORANDUM



City of Aurora

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TO: Council Member Curtis Gardner

THROUGH: Nancy Freed, Deputy City Manager
Cindy Colip, Director of Public Works *CAC*

FROM: Carl Harline, Principal Engineer - Traffic

DATE: June 23, 2021

SUBJECT: Council Request #7510 Conservatory Parkway Roundabouts

This is in response to Ms. Helen Hardin's inquiry on the plans for roundabout installations on Conservatory Pkwy.

Conservatory Pkwy is a two-lane collector roadway with striping to delineate on-street bike and parking lanes. The speed limit on Conservatory Pkwy is 35 mph. The City received an application to the Neighborhood Traffic Calming Program (NTCP) in late 2019. The application was signed by 152 residents and also listed the Conservatory Board HOA and Aurora Frontier School as sponsors. A speed study was performed in response to the application to the NTCP which yielded an 85th percentile speed (the speed at which 85% of vehicles are traveling at or below) between 40 and 45 mph, which indicates a prevailing speeding issue best mitigated through traffic calming measures.

Given the width of Conservatory Pkwy and the length of the roadway, roundabouts at two key intersections were selected as traffic calming mitigations that would target speeding around the most vulnerable segment of roadway near the Aurora Frontier K-8 school. Roundabouts were recommended for installation at the intersections of Eastman Ave (south of the school), and Dartmouth Dr (north of the school). Other traffic calming measures were implemented at other key locations on the roadway. These included flashing speed limit feedback signs (implemented Summer 2020) and rapid-flashing beacon push button activated warning signs at critical bike/pedestrian trail crossings on Jericho Rd and Conservatory Pkwy (implemented Spring 2021).

Because roundabouts require full redesign of the geometry of the intersecting roadway and the approaches to that intersection, roundabout design and construction requires an extended time for budgeting, design, and construction. Right now, the Conservatory Pkwy roundabouts are currently in design, with the design phase projected to complete in Fall 2021. Construction for the roundabouts should commence and be completed in Summer 2022. Once design has progressed further, staff will coordinate with the Conservatory HOA to schedule a meeting to present initial concepts and design and to gather feedback from the community.

This information has been provided to Ms. Hardin as of this date. Please let us know if you have any questions.

cc: Victor Rachael, Deputy Director of Public Works – Engineering
Carlie Campuzano, Traffic Manager