

MEMORANDUM



City of Aurora

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TO: The Conservatory Home-Owners Associations

THROUGH: Carlie Campuzano, Manager, Traffic Engineering, Public Works

FROM: Carl Harline, Principal Engineer, Traffic Engineering, Public Works

DATE: November 8, 2021

SUBJECT: Proposed Roundabouts Construction on Conservatory Parkway (Summer 2022)

This memorandum is to provide notification to residents of The Conservatory HOA of the proposed construction of two compact roundabouts on Conservatory Parkway at the intersections of Dartmouth Dr and Eastman Ave. Attached to this memorandum is an exhibit of the proposed work for the purposes of public engagement. The project is currently still in the design phase, with projected construction for late summer 2022.

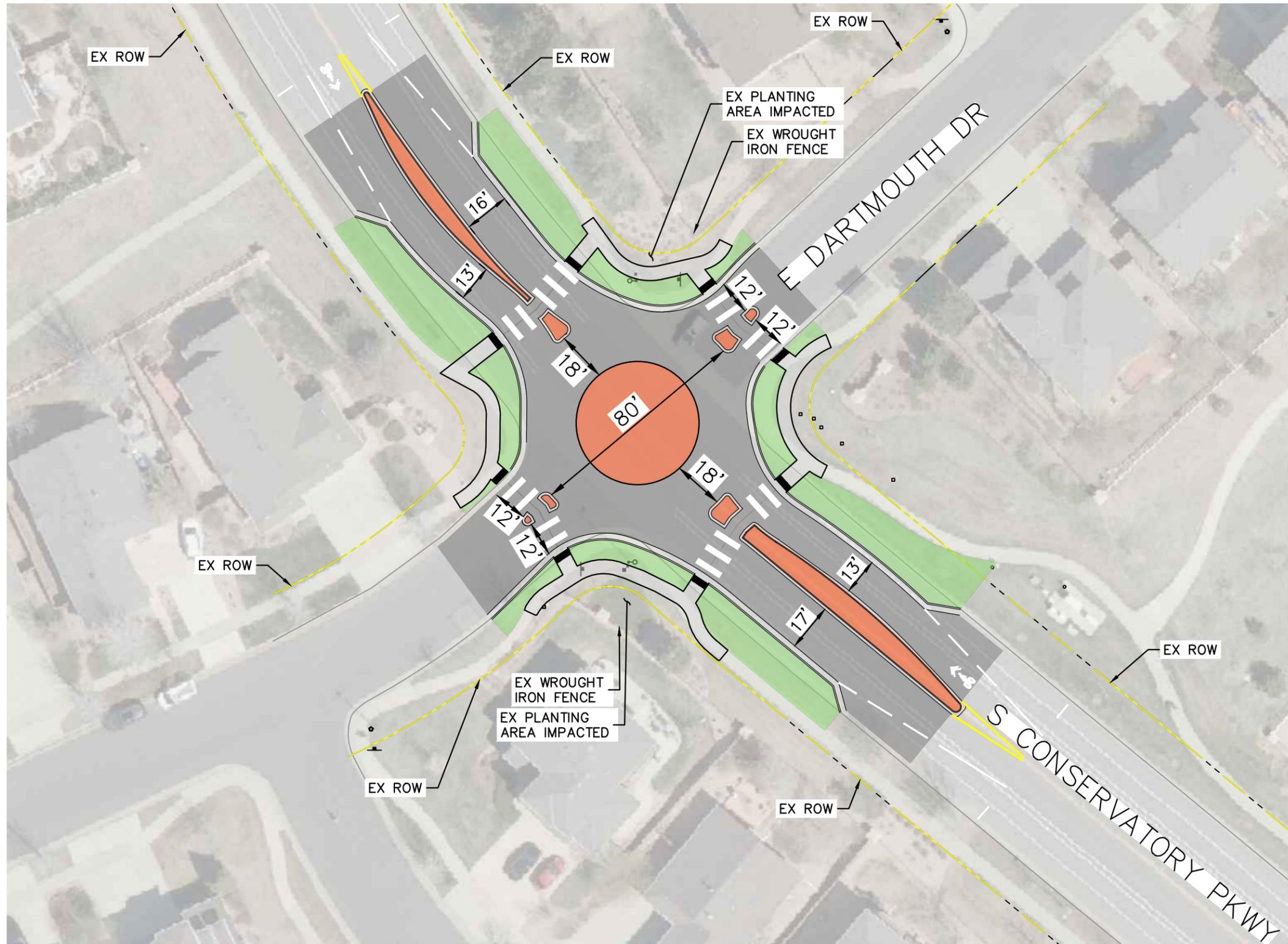
This roundabout project is a result of the on-going efforts by Public Works to help mitigate prevailing speeding issues on Conservatory Parkway. The City of Aurora Public Works Department initiated the investigation into the report of speeding issues on Conservatory Pkwy through a submitted application to the Neighborhood Traffic Calming Program (NTCP). The NTCP is a program by which residents apply for engineered traffic calming mitigations on local and collector roadways. Once received, staff collect and review data on the roadway, after which projects are prioritized and funded based on the results and effectiveness of traffic calming measures on those roadways. Several mitigations have already been installed on Conservatory Pkwy, and on the adjacent Jericho Way, including re-striping to decrease the number of through lanes, dynamic Speed Limit Feedback signs on Conservatory Pkwy, and Rectangular Rapid Flashing Beacons (RRFBs) at two crosswalks on Conservatory Pkwy and Jericho Way.

On Conservatory Pkwy early mitigation strategies that were considered were two roundabouts placed at key intersections bordering the Aurora Frontier P-8 school at the intersections of Dartmouth Dr and Eastman Ave. Compact roundabouts have been shown to have multiple benefits including:

- Forced reduction of travel speed for vehicles traveling on higher design speed roadways,
- Reducing conflict points between critical movements through an intersection (thus reducing the severity of crashes overall),
- Providing clear pedestrian paths through roundabout intersections at the locations where vehicles are at a reduced speed due to the needed circulating maneuver,
- Providing reduced delay for side streets with a yield-controlled movement at the circle, as opposed to a stop-controlled movement.

As noted above, Traffic Engineering staff is providing this information to the community for overall feedback and informational purposes. Please review the attached exhibit and submit questions/comments to trafficcalming@auroragov.org, or by calling Public Works at 303-739-7300.

Cc: Victor Rachael, Deputy Director of Public Works – Engineering
Cindy Colip, Director of Public Works



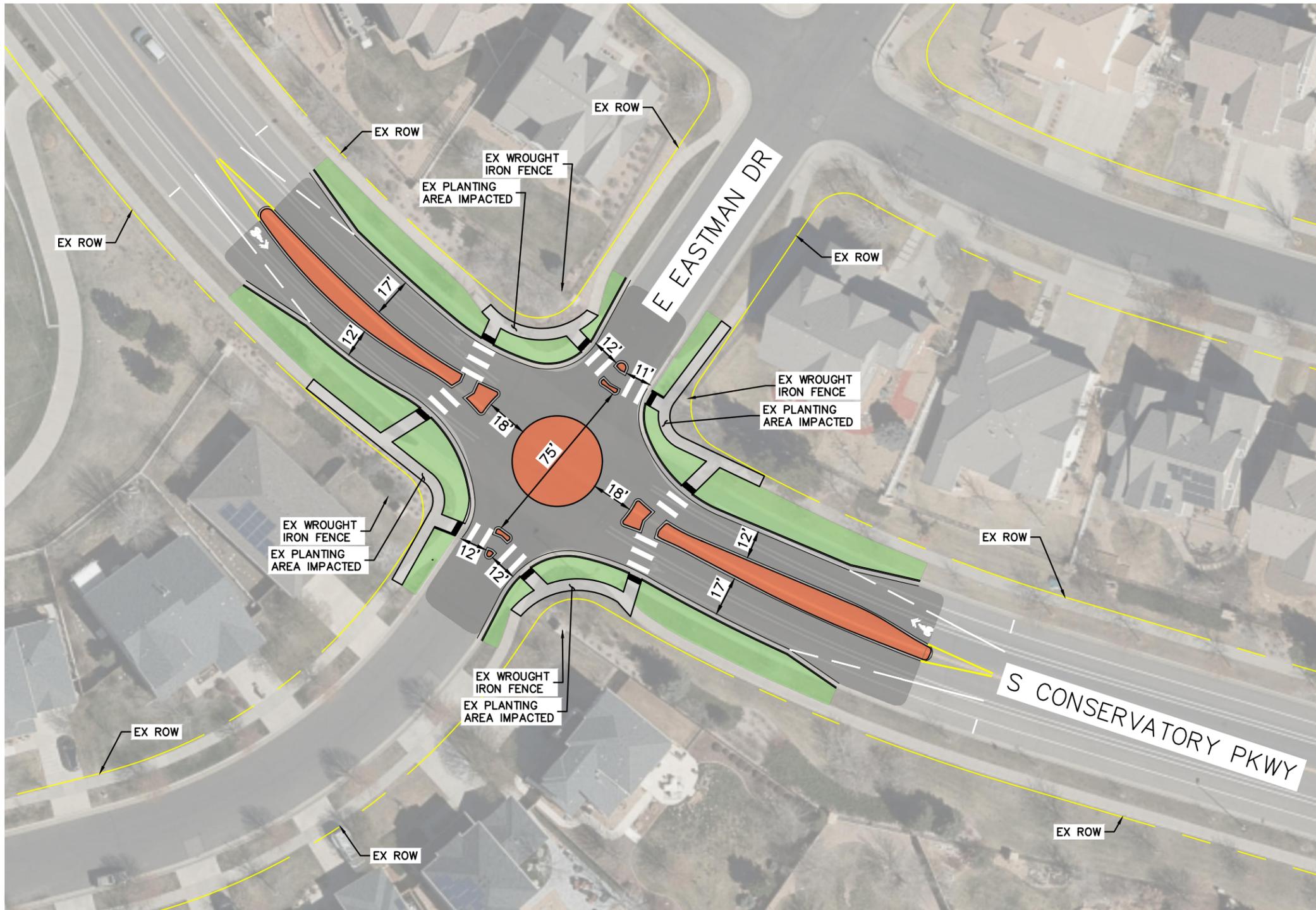
LEGEND

- ASPHALT PAVEMENT
- CONCRETE MEDIAN COVER
- CONCRETE SIDEWALK
- LANDSCAPING

S CONSERVATORY PKWY & E DARTMOUTH DR ROUNDABOUT

DATE: AUGUST 9TH, 2021





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