

Planned Schedule

- Final design completed by end of 2015
- Construction begins February 2016
- Construction completed by December 2017

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Estimated Cost and Funding

- A combination of public funds will be used for the approximate \$75M dollars of construction improvements. Over \$50M of funds will come through CDOT's Responsible Acceleration of Maintenance and Partnerships (RAMP) program.
- Arapahoe County, the City of Centennial, the City of Greenwood Village and the Southeast Public Improvement Metro District will provide the local matching funds.



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For more information and updates throughout the project, please visit the project web page using the address or QR code below.

<https://www.codot.gov/projects/I25-Arapahoe>



I-25 Arapahoe Interchange Reconstruction

I-25 and Arapahoe Road

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Interchange Reconstruction Project



Project Overview

Summary of Improved Partial Cloverleaf Interchange Improvements

The Colorado Department of Transportation (CDOT) is partnering with the Cities of Centennial and Greenwood Village and Arapahoe County to improve the I-25 and Arapahoe Road (State Highway 88) interchange complex. The planned improvements will reduce congestion and improve traffic operations and safety.

The project is now in the final design phase. Extensive public and agency input was used to shape the improvements during the Environmental Assessment phase, completed in February 2013.

The existing partial cloverleaf interchange will be improved through implementation of the following project elements:

- Reconstruct the I-25 bridge over Arapahoe Road and provide three through lanes on Arapahoe Road under the I-25 bridge with a single barrier separating east/west traffic
- Realign the frontage road in the northeast quadrant of the interchange
- Construct an additional westbound lane on Arapahoe Road from Yosemite Street to Greenwood Plaza Boulevard
- Widen Yosemite Street north and south of Arapahoe Road
- Construct two noise walls: one along Yosemite Street south of Arapahoe Road to Xanthia Street, and another along the south side of Arapahoe Road from Uinta Street to Yosemite Street
- Provide triple left turns from the I-25 off ramps

Benefits of Improvements

Benefits to Through Traffic

- Adding one additional unconstrained lane in each direction on Arapahoe Road will improve through traffic capacity
- Auxiliary lane improvements along Arapahoe Road and Yosemite Street will improve traffic flow
- Travel time on Arapahoe Road through the interchange complex (Greenwood Plaza Boulevard through Dayton Street) will decrease by 30 – 50% in 2035, compared to no action
- Level of Service (LOS) will be improved by at least one grade for most intersections, improving travel times by up to 50% along Arapahoe Road through the interchange complex

Benefits to Ramp Traffic

- Eliminating the existing bridge piers allows triple left turns from the I-25 off ramps
- With the existing geometric constraints eliminated, large trucks can better negotiate the southbound I-25 to eastbound Arapahoe Road left turn
- Southbound off ramp traffic will no longer queue into the I-25 through travel lanes, improving safety
- Ramp LOS in 2035 is projected to improve to LOS B/C (compared to LOS C/F with no action)
- Adding auxiliary lanes at the Yosemite Street and Boston/Clinton Street intersections will allow the ramp traffic to clear the interchange area

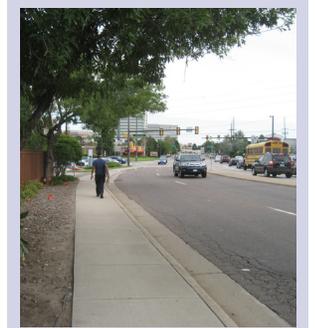
Benefits to Interchange Operations

- Traffic signal timing will be optimized to maximize efficiency through the interchange
- The substandard clearance of the existing I-25 bridge over Arapahoe Road will be corrected

- Congestion will be reduced, lowering accident rates (nearly half of all accidents are congestion related)

Benefits to Walnut Hills Neighborhood

- Two noise walls will be constructed adjacent to Walnut Hills to address traffic noise impacts
- Landscaping along Arapahoe Road and Yosemite Street will enhance the physical environment
- Sidewalks will be widened and detached when right-of-way allows to enhance accessibility and pedestrian experience
- Improved traffic flow along Arapahoe Road may minimize traffic diverting into neighborhood
- Potential to underground existing overhead utilities



Benefits to Businesses

- Frontage road realignment to facilitate construction will improve access to the northeast quadrant of the interchange and provide opportunity for enhanced landscaping
- A new northbound right turn lane on Yosemite Street at the Yosemite Circle intersection will better accommodate truck access into the northwest quadrant of the interchange