



30% Design Submitted

The I-25/Arapahoe Road Interchange Reconstruction project is on schedule, and has recently reached the 30% design milestone. After months of evaluating Value Engineering proposals and considering detailed data gathered in the field and during stakeholder coordination meetings, the following improvements were made to the design and reflected in the 30% plans:

- Modified lane configuration on Arapahoe Road to benefit eastbound and westbound traffic bound for the I-25 on-ramps
- Eliminated HOV lanes on both northbound on-ramps to improve ramp geometry
- Adjusted profile on Arapahoe Road and Yosemite Street to avoid utility conflicts
- Optimized I-25 geometry to increase southbound on ramp acceleration and increase length of southbound off ramp and northbound on ramp
- Made adjustments to minimize right of way impacts to residential and business property
- Identified locations for water quality/detention ponds

PROJECT CONTACTS

CDOT Project Engineer:
Telecia McCline
telecia.mccline@state.co.us
303-512-5404

Consultant Project Manager:
Tony Marcello
anrm@deainc.com
720-225-4618

Consultant Public Involvement
Coordinator:
Leah Langerman
llangerman@deainc.com
720-225-4651

Media Contact:
Emily Wilfong
emily.wilfong@state.co.us
303-757-9484

Utility Coordination

The project area is packed with existing utilities. The design team has been busy researching existing utility locations and making design adjustments to avoid and minimize impacts, and to maintain the project's budget and schedule. Numerous meetings and field visits have been occurring with utility company representatives over the past few months. When necessary, relocation is being discussed and planned, since this will be critical to the project schedule and utility companies need many months to plan for and execute these relocations.

By far the largest utility coordination effort is ongoing with Xcel Energy. Meetings are now occurring nearly weekly to plan for undergrounding of the overhead electric lines along the south side of Arapahoe Road, from west of I-25 to Uinta Street. In addition, undergrounding along Yosemite Street from Arapahoe Road to Xanthia Street is also being planned. Completing these relocations without disruption to electric service for residents, businesses, Arapahoe Road and I-25 corridor lighting, or the RTD Light Rail power source is a major undertaking. Xcel is investigating the feasibility of adding additional capacity to the system as part of the utility relocations and some of this work is planned to begin prior to the project construction start date.



Undergrounding the feeder lines to each home adjacent to the proposed noise walls is desired by CDOT and residents, but more investigation is needed to determine if this fits within the project budget.



PROJECT LOCAL AGENCY REPRESENTATIVES

Arapahoe County:
Bryan Weimer

City of Centennial:
Travis Greiman

City of Greenwood Village:
Jeremy Hanak

Agency Coordination

Coordination between CDOT, the design team, contractor, and local agencies continues to occur. Technical Team meetings are held frequently to keep local agency representatives apprised of project progress. Design team discipline leaders outline recently completed and upcoming tasks, and any matters requiring local agency direction are discussed. The representatives for each agency are listed to the left. FHWA is also in attendance at these meetings.

Design team structural engineers have coordinated with RTD staff regarding avoidance of impacts to the light rail structures.

A meeting was held in January with local agency representatives and Steve Klausing from the Southeast Public Improvement Metro District. During this meeting, coordination began regarding aesthetic, landscaping and irrigation improvements at the interchange.

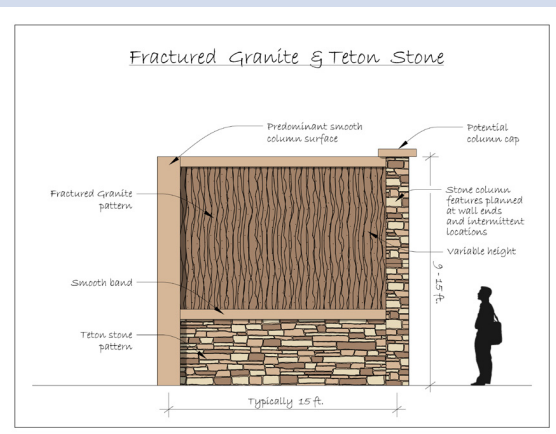
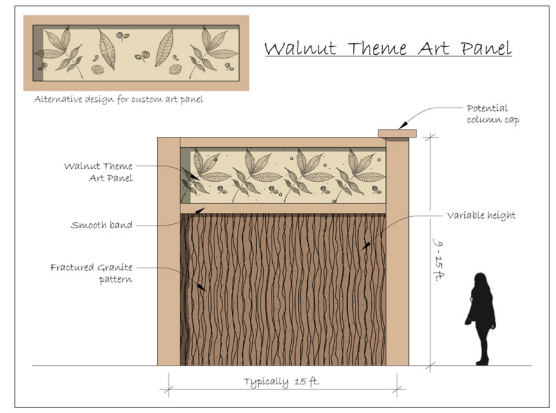
Noise Wall Design & Aesthetics

An updated noise analysis was recently completed, which was used to determine noise abatement wall heights. A 9 to 15-foot tall noise wall is recommended along the south side of Arapahoe Road between Uinta Street and Yosemite Street, to provide noise reduction to 13 homes. A noise wall that is 8 to 11-foot tall is recommended along the west side of Yosemite Street south of Arapahoe Road, to provide noise reduction to 6 homes.

Post and panel wall construction will be used. The noise walls will also serve as retaining walls in some locations. Aesthetic treatment options for these walls have been developed, and are shown to the right. These options have been shown to Walnut Hills stakeholders, and at this time there is no clear favorite option. CDOT will make the ultimate decision regarding noise wall treatments using public and agency stakeholder input.

Regardless of the noise wall design chosen, the intent is that the fractured granite and teton stone patterns will be used on other walls near the interchange, as budget allows.

NOISE WALL AESTHETIC TREATMENT OPTIONS





Public Outreach

Following the 30% design milestone, public outreach efforts have been ramping up as planned:

Walnut Hills Neighborhood

- Presentation at the Walnut Hills Civic Association’s annual meeting - held March 12, 2015
- Small group meetings with property owners and tenants adjacent to the Arapahoe Road and Yosemite Street noise walls - held March 23 and 26, 2015
- A formal survey of adjacent property owners and tenants is underway. Per CDOT policy, the survey results must demonstrate a majority are in favor of the noise wall in order for design and construction to proceed. Final results are pending based on survey completion.

Project Web Page

Information and updates throughout the project are posted to the project web page:

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



Northeast Quadrant Businesses

- Small group meeting with property owners and business tenants of the northeast quadrant - April 13, 2015

Public Meeting #1

The design project’s first public meeting is scheduled for April 23, 2015. It will be held as an open house from 4:30 - 7:00 PM at Good Shepherd Episcopal Church (8545 E. Dry Creek Road, just west of Yosemite Street). At this meeting, preliminary (30%) design of improvements will be presented, right of way needs for the northeast quadrant identified, and noise wall height, location and aesthetic details shown.

Tracking Progress

RECENTLY COMPLETED TASKS

- Field work to gather detailed data
- Submitted 30% design plans (February)
- Walnut Hills neighborhood meetings (March)
- Utility company coordination (ongoing)

UPCOMING TASKS

- Northeast quadrant meeting (April 13)
- Public Meeting #1 (April 23)
- Right of way plan review meeting for phase 1 - northeast quadrant (April)
- Determine right of way needs for remaining project
- 60% design submittal (June)

