

C-470 Tolled Express Lanes Segment 1

Projects in the South Metro Area

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C-470 Tolled Express Lanes

Owner: CDOT

Description: The project will add two tolled express lanes westbound from I-25 to Colorado, one tolled express lane between Colorado and Wadsworth westbound, and one tolled express lane eastbound from Wadsworth to I-25, full reconstruction of a portion of the existing pavement, adding auxiliary lanes at selected locations, improving portions of on-ramps and off-ramps to current standards, realigning substandard curves, safety and operational improvements between I-25 and Quebec via adding direct-connect ramps from I-25 to the C-470 tolled express lanes, widening of existing bridges throughout the project area, replacing the bridges over the South Platte River, installing water-quality features where required, installing noise barriers where required, installing Intelligent Transportation Systems elements and tolling equipment and, adding grade separations for the multi-use trail at Quebec and Colorado. The project includes innovative financing funded mostly by loans supported by toll revenues. The total project cost including innovative financing is \$318 million with an advertised \$215 million construction contract value. More information can be found at <https://www.codot.gov/projects/c470ExpressLanes>

Schedule: Construction is anticipated to begin in the summer of 2016 and is projected to be complete in the spring of 2019

Southeast Rail Extension

Owner: RTD

Description: The project will add 2.3 miles of light rail from the existing Lincoln Station to RidgeGate Parkway in Lone Tree. There will be three new stations: a kiss-n-Ride at Sky Ridge Avenue, one at the future Lone Tree City Center, and a 1,500 –slot Park-n-Ride at RidgeGate Parkway. The cost is estimated at \$207 million with \$35-\$40 million committed from stakeholders in the southeast. The project is funded by RTD, FTA, the City of Lone Tree, Douglas County, Rampart Range Metro District, Denver South Transportation Management Association / Southeast Public Improvement District, and the City of Lone Tree. Impacts to north and southbound traffic will include lane shifts to accommodate construction of the pier in the center of I-25, various nighttime closures to set barriers, re-stripe and set girders.

Schedule: Construction will begin May 2016, to be completed by early 2019.

Rampart Range Metro District – SkyRidge Avenue Extension Bridge

Owner: Rampart Range Metro District

Description: Vehicle bridge with accommodations for bicycles and pedestrians to cross I-25 to the future Lone Tree Town Center. Currently in design, the bridge will be parallel to the South East Rail Extension. Traffic impacts will be the same as for the Southeast Rail Extension Project.

I-25 and Arapahoe Road Interchange Reconstruction Project

Owner: CDOT

Description: This project is estimated at \$83.5 million; \$7 million for design, \$51.2 million for construction (contractor costs only), and \$10.5 million for right-of-way. CDOT, in partnership with Arapahoe County, the Cities of Centennial and Greenwood Village, and the Southeast Public Improvement Metropolitan District, is designing improvements to the I-25 and Arapahoe Road interchange. This project consists of replacement of the existing I-25 bridge over Arapahoe Road, and other improvements to the interchange complex, to reduce congestion and improve traffic operations and safety.

Schedule: Construction is scheduled to begin May 2016, to be completed in 2018.

RoadX – Northbound I-25 Managed Motorways Project (Trial Project)

Owner: CDOT

Description: The project uses an algorithm to control ramp meter timing onto I-25. The trial will be for a period of six months. The project is from RidgeGate Parkway to Broadway on I-25. The algorithm monitors all the ramps in the system and releases vehicles onto I-25 based on travel speed at different locations. The meters may hold cars up to 20 seconds instead of the present timing of today's meters. If the algorithm senses the travel time is worsening at one location, it will adjust all the meters accordingly to clear the problem. More information can be found at www.codot.gov/programs/roadx.

Schedule: Design 2016, Construction Q1 2017, Trial period, Summer/Fall 2017

Broadway/County Line Road Intersection Improvement Project

Owner: City of Littleton

Description: The proposed intersection widening project is needed to improve safety and traffic operations by modifying the intersection to accommodate dual southbound to eastbound left turn lanes and improve alignment thru the intersection.

Schedule: Construction to begin summer 2016 and take approximately 6 months to complete.

Quebec/Lincoln/University Intersection Improvement Project

Owner: Douglas County

Description: This project involves widening northbound Quebec and eastbound Lincoln Avenue in order to improve safety and traffic operations by providing improved auxiliary lanes. The project is estimated to cost approximately \$2 million.

Schedule: Construction to begin June 2016 and should be substantially completed by November 15, 2016.

Lincoln Widening Phase (First phase is between Peoria and Meridian Village Parkway)

Owner: Douglas County

Description: This project involves widening Lincoln Avenue from four to six thru lanes between Peoria Street and Jordan Road, as well as making safety and traffic operational improvements at the Lincoln and Chamber intersection.

Schedule: Construction between Peoria Street and Meridian Village Parkway for the eastbound lanes is to begin summer 2017 and westbound lanes is to begin in the summer of 2018.

Peoria Street Widening Project (between E-470 and Lincoln Avenue)

Owner: Douglas County

Description: This project involves widening Peoria Street from two to four thru lanes (widens the east side) as part of a development project that is located on the east side of Peoria Street.

Schedule: Final design is underway and construction is likely to begin in 2016 or 2017.

2016 Concrete Pavement Maintenance and Repairs throughout Highlands Ranch

Owner: Douglas County

Description: The project includes installing ADA ramps, concrete panel replacement, grinding, and joint sealing on major arterial roadways throughout Highlands Ranch

Schedule: Construction is likely to begin in June of 2016 and similar types of projects will also occur in 2017, 2018 and 2019.

US 85 Widening (Highlands Ranch Parkway to C-470)

Owner: Douglas County

Description: This project is being managed jointly by CDOT and Douglas County and included widening of US 85 from four to six thru lanes between Highlands Ranch Parkway and the C 470 eastbound off-on ramps. The project is funded by Douglas County, DRCOG, FHWA, and CDOT.

Schedule: Final design is to begin late 2016, ROW acquisition and utility relocations to begin 2017, and construction to begin no sooner than winter 2018 and no later than fall 2019. Construction will take approximately 24 months to be completed.

E-470 Road Widening Project

Owner: E-470

Description: The project widens E-470 from Cherry Creek to Quincy Avenue from two lanes to three lanes in each direction.

Schedule: Construction is scheduled to begin spring 2016

West Chatfield Avenue – South Pierce Street to South Kendall Boulevard Roundabouts

Owner: Jefferson County

Description: The proposed improvements include adding curb and gutter with a storm drainage system, bike lanes and multi-use path, a roundabout at Kendall Boulevard, and landscaping. Jefferson County has planned for construction of these improvements in 2017. The project is being funded by the County's One-half Cent Sales Tax for roadway improvements in southeast Jefferson County.

Schedule: ROW acquisitions 2016, Project advertisement Jan 2017, Construction 2017

I-25 Lane Balance from Lincoln Avenue to County Line Road

Owner: CDOT

Description: Add additional lane in each direction on I-25 from Lincoln Avenue to County Line Road. The project is funded by CDOT, Douglas County, Denver Regional Council of Governments, FHWA, Park Meadows Metro District, Denver South Transportation Management Association, Southeast Public Improvement District, and the City of Lone Tree. The project construction cost is estimated at \$34 million.

Schedule: Construction is currently substantially completed and scheduled to be finalized by the end of June 2016.

Santa Fe Drive

Owner: CDOT

Description: \$3.5 million, 4.4 miles of resurfacing on Santa Fe from Crestline to Blakeland, just south of C-470. Project to be complete in June of 2016

