



### What is the E-470 Road Widening Project?

E-470 is widening the tollway from Quincy Avenue to north of I-70, adding a third lane in each direction. The 8-mile project will continue the E-470 road widening effort completed in 2017 between Parker Road and Quincy Avenue. The project also presents opportunities for improvements to adjacent infrastructure, as well as pedestrian and bicycle connections.

### Project elements include:

- Adding a third lane in each direction on E-470 for the 8-mile stretch between Quincy Avenue and I-70, and from Ramp B (from I-70 to southbound E-470) to the Smith Road/UPRR crossing.
- Grading for a future fourth lane in each direction on E-470 from Quincy Avenue to Ramp B, and improving shoulders.
- Relocating the northbound E-470 on- and off-ramps at Quincy Avenue.
- Widening 14 northbound and southbound bridge structures at 7 bridge locations at (1) Coal Creek, (2) Ramp B, (3) Colfax Avenue, (4) I-70, (5) 19<sup>th</sup> Avenue, (6) Ramp E (from southbound E-470 to I-70), and (7) Smith Road/UPRR. The Coal Creek bridge will be widened to accommodate a future fourth lane in each direction, while the other bridges will be widened to fit a third lane in each direction.
- Building new wildlife deer fencing and game ramps.
- Adding new overlay to the existing pavement.
- Extending the High Plains Trail from Quincy Avenue to Stephen D. Hogan Parkway (approximately 6 miles).

### Why is E-470 being widened?

E-470's 2014 full investment grade [Traffic and Revenue Study](#) indicated this section of the road would need to be widened to maintain the level of service that customers have come to expect and value. The current project between Quincy Avenue and I-70 is a continuation of the first phase of widening completed in 2017 between Parker Road and Quincy Avenue. Together, these projects allow E-470 to improve mobility and accommodate projected growth to maintain a free-flow of traffic in the coming years.

### What will be the benefits once this project is complete?

- **Safety:** More lanes and the ramp relocations will accommodate free flowing traffic, and 12-foot shoulders inside and outside the travel lanes will provide more room for vehicle pull-off and emergency response. The shoulder improvement will also help with drainage.
- **Trip reliability:** Additional lanes provide short- and long-term trip reliability with free-flow traffic at 75mph posted speeds.
- **Wildlife safety:** Deer fencing and additional game ramps will prevent animals from entering the roadway.
- **Improved pavement:** A new overlay to the existing pavement will result in a smoother ride.

## What improvements are being made to the High Plains Trail as part of the project?

The project includes extending the regional High Plains Trail (a multipurpose bike and pedestrian trail) by approximately 6 miles. The trail, which runs along the west side of E-470, will extend from Quincy Avenue north to connect to the trail along the south side of the new Stephen D. Hogan Parkway. There will be an at-grade crossing with new traffic signals at Quincy Avenue, grade-separated crossings at Hampden Avenue, Jewell Avenue, and CO 30, and bridge/culvert crossings over East Toll Gate, Murphy, and Coal Creeks.

## Are local governments and officials involved?

E-470 has coordinated with Arapahoe County, Southeast Metro Stormwater Authority (SEMSWA), Arapahoe Parks and Recreation District (APRD), Adams County, South Aurora Regional Improvement Authority (SARIA), City of Aurora including Public Works, Aurora Water, and Parks, Recreation and Open Space, and the East Metro Working Group (with a focus on Parks, Open Space and Trails). The project team has also coordinated with CDOT for key crossings at CO 30 and I-70.

## What is the project cost and how is it funded?

The E-470 Road Widening Project costs approximately \$99 million and is funded through toll revenue; there are no local, state or federal funds being used. The northbound E-470 ramp relocations at Quincy Avenue are jointly funded by Arapahoe County, the South Aurora Regional Improvement Authority, and E-470.

## Who is the project team?

The E-470 Road Widening Project team consists of E-470, Felsburg Holt & Ullevig (FHU) for design, the Joint Venture of SEMA Construction & Kraemer North America (SEMA-Kraemer JV) for construction, and Alfred Benesch & Company (Benesch) for construction management.

## When does construction take place?

Preliminary and final design began April 2018, with completion in fall 2019. Construction begins June 2019 and will be complete at the end of 2020. Construction will start at the south end of the project and work north. Work on the bridges near I-70 will be conducted mostly in 2020 and completed by the end of 2020.

## What other projects are taking place in the area?

Please visit the links below to learn about other local area projects:

[Story Map of Area Projects](#)

[Stephen D. Hogan Parkway](#)

[Quincy Avenue / Gun Club Road Intersection Improvements](#)

[I-70 / Picadilly Interchange](#)

[I-70 / Airpark-Watkins Interchange Study](#)

## How can I stay up to date on the project?

For project information and construction updates:

[Visit the E-470 Road Widening Project webpage.](#)

[Sign up for project email updates.](#)

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Contact the project team by phone at 303-536-5969 or by email at [RoadWidening@e-470.com](mailto:RoadWidening@e-470.com).

