

E-470 Road Widening Project Update

April 2020

I-70 and 19th Ave Bridge Superstructure

In April, crews continued working on the superstructure of the E-470 bridges over I-70 and 19th Ave. This work included preparing for the deck placement and bridge wall construction to accommodate the roadway expansion.

E-470 over the Southbound on-ramp from I-70 and Colfax Bridges

All four decks have now been poured on the E-470 bridges over the southbound on ramp from I-70 and Colfax Ave. Crews are beginning work on the approach slabs and railings for the bridges.

Coal Creek Bridge Backfill

Crews continued work on the backfill for the approach to Coal Creek Bridge, completing the approach slabs and railing. Now that the bridge widening is almost ready for traffic, the southbound side of the bridge will be aligned with the mainline roadway paving.

E-470 over the Southbound off-ramp to I-70

This past month, construction teams worked to place 12 girders on the E-470 bridge over the southbound off-ramp to I-70, completing the girder work for this section of the roadway expansion. With the girders now in place, crews will begin deck formwork in the near future.

High Plains Trail Work

Jewell Ave was closed to thru-traffic at the E-470 ramp for a few days in April to allow for the installation of the pedestrian tunnel underpass for the High Plains Trail. Now that the tunnel has been installed, Jewell has been reopened and crews are looking next to start work on the foundations of the pedestrian trail bridge crossing Tollgate Creek just north of Quincy Ave.

Upcoming Construction

Asphalt Paving 6th Parkway to SH30

With unexpected weather conditions, crews have been unable to start paving the third lane expansion of E-470 from 6th Parkway to State Highway 30. In preparation for this work, subgrade has been set along this stretch of the roadway, and now with improving weather crews are looking to start asphalt paving in May.

All future work is weather dependent.

Project Metrics

- Earthwork is now 90% complete, with 700,000 cubic yards of earth placed for the third lane installation of E-470.
- 47 girders have been installed on the E-470 bridges, each one close to 130 feet long and weighing around 130,000 pounds.