

E-470 Road Widening Project Update

February 2020

I-70 and 19th Ave Girder work

In February, crews finished setting the girders on the E-470 bridges over I-70 and 19th Ave. In total, 20 girders were set on the bridge over I-70, and five were set on the bridge over 19th Ave. Next, crews will begin working on the deck expansion of both bridges, widening them to add an extra lane in each direction.

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

Crews have almost finished the bridge deck work on the E-470 bridges over the southbound on ramp from I-70 and Colfax Ave. As warmer weather allows, the concrete decks will be poured on all four widened bridges, expanding them to three lanes in each direction.

Coal Creek Bridge Work

Now that the decks have been poured on the southbound and northbound sides of the Coal Creek Bridge, crews are beginning work on the bridge railing, which will be followed by installing new approach slabs. By late spring, asphalt will be paved over the concrete surface to finish the new lanes. Additional work will then include reconstruction of the expansion joints on the original lanes of these bridges.

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

Foundational work is continuing on the E-470 bridge, widening over the southbound off-ramp to I-70. Crews are focusing on the construction of the piers and abutment which will support the upcoming girders to be placed in April.

Upcoming Construction

High Plains Trail Work

In March, crews are expecting to start performing the final earthwork grading for the expansion of the High Plains Trail from Quincy Avenue to Stephen D. Hogan Parkway. The trail expansion is six miles long and this work will also include aggregate base, concrete paving and pedestrian railing to construct the 10-foot wide trail. In addition to constructing multiple creek crossings, a prefabricated pedestrian bridge will be delivered to the site later this year. These structures allow the trail to cross in multiple lowland and riparian areas which improves the users' overall experience.

Roadway Work

This coming month's anticipated warmer weather will allow for the foundational layer of the E-470 mainline roadway to resume from last year for the third lane expansion from southbound 6th Parkway to SH 30. This subgrade is a cement-treated base for the subsequent asphalt paving later this year. Asphalt paving is expected to resume in April.

All roadway work is expected to be complete with the third lane fully open in both directions by the end of this year.

All future work is weather dependent.