



COLORADO

Department of Transportation

I-25 North Express Lanes: Segment 6 - Berthoud to Johnstown Open House

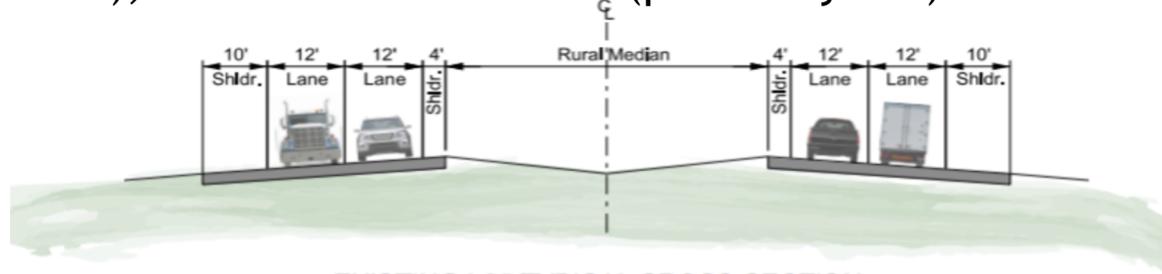
October 8, 2020



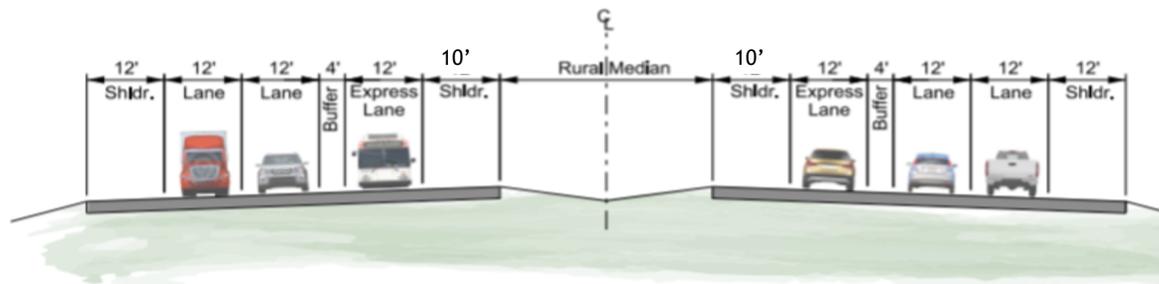
- Project Overview
- Construction Manager/General Contractor (CM/GC) Delivery Method
- Construction Packages and Schedule
- Progress Update
- Traffic Impacts
- Frontage Road Closures and High Plains Blvd.
- Adjacent Projects



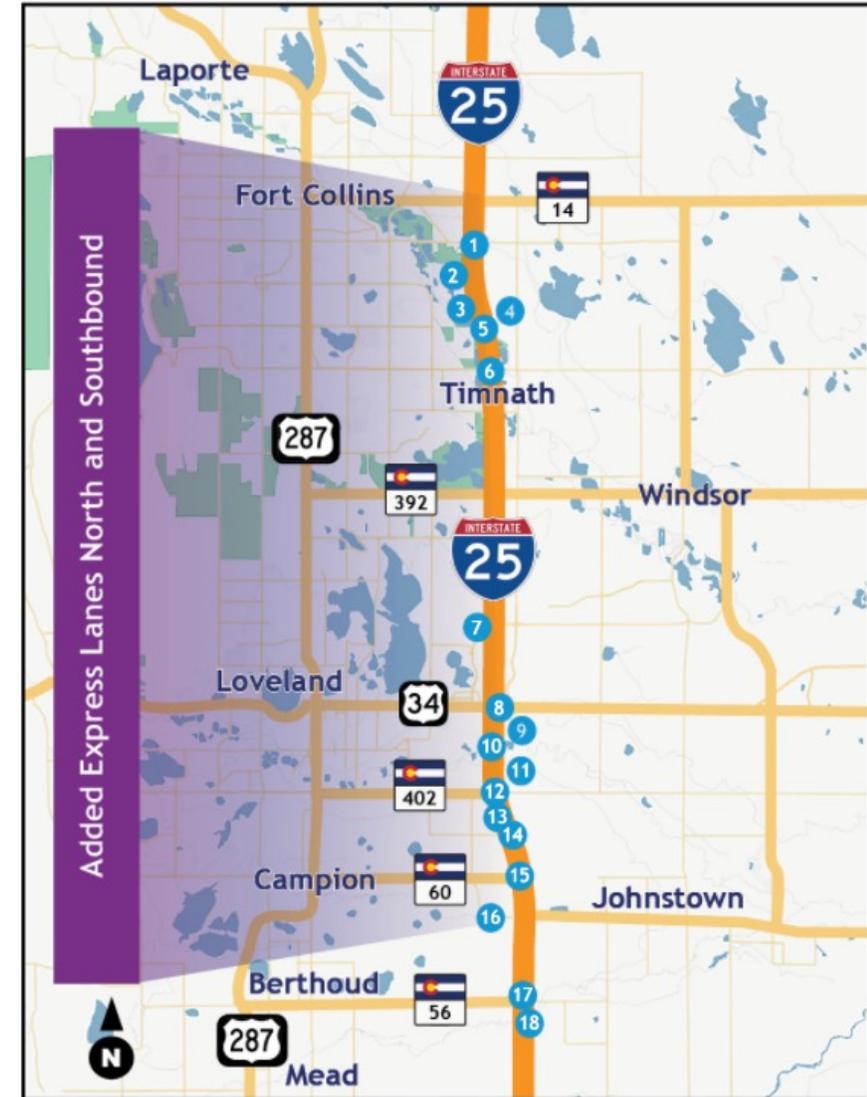
- Widening I-25 from south of CO 56 to Prospect (Ft. Collins) for almost 20 miles in each direction
- Increases safety
 - a) Fix horizontal and vertical road curves
 - b) Constructing wider shoulders - 10-12' inside shoulders (presently 4'), 12' outside shoulders (presently 10')



EXISTING I-25 TYPICAL CROSS-SECTION



PROPOSED I-25 TYPICAL CROSS-SECTION



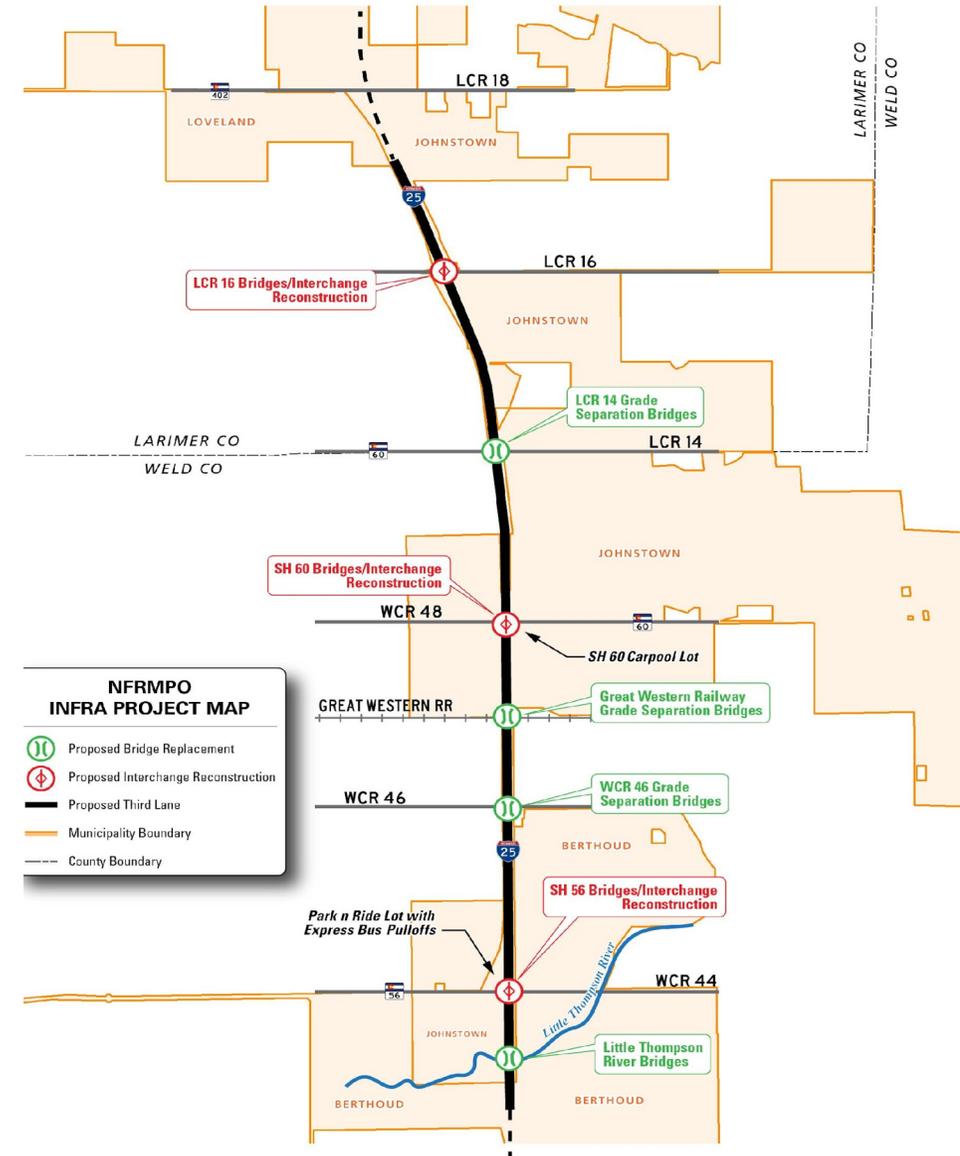


Project Scope

I-25 Segment 6: CO 56 to CO 402

Segment 6 is widening I-25 from south of CO 56 to CO 402 to increase safety and add an express lane in each direction

- a) Traverses through Berthoud, Johnstown, Larimer County, Loveland, and Weld County
- b) Completely rebuilding CO 56 and CO 60 interchanges
- c) Reconstructing 8 other bridges
- d) Rehabbing and widening GWRR bridge





What is a Construction Manager / General Contractor (CM/GC)?

- Contractor is part of the design process to provide feedback on:
 - Constructability expertise
 - Cost estimating and market forecasting
 - Innovations
 - Schedule
 - Risk (reduces future change orders)
- Allows for:
 - Construction to start while design is ongoing
 - Scope flexibility based on funding
 - First to be in line to bid on each construction package
- Important on multi-year projects to take advantage of:
 - Advancing work as quickly as possible
 - Advancing seasonal work



***Design for entire Segment 6 corridor is 95% complete



Construction Packages (CP's)

- **CP 1 (Under Construction)**
 - 42" Waterline Relocation
 - SB Little Thompson Bridge Reconstruction
 - SB SH 56 On Ramp

- **CP 1.5 (Under Construction)**
 - Grading for SH 56 Interchange
 - Substructure for SH 56 bridges
 - NB Ramp Construction
 - Park-and-Ride Pedestrian Underpass
 - Utility Relocations (Gas, Irrigation and Fiber Optic)





Construction Packages (CP's)

- CP 4 - (Construction Oct. 2020 - Q2 2023)
 - All bridge structures
 - Critical and Seasonal Utility relocations
 - Seasonal Work flexibility
- CP 2/3 - (Construction Q1 2021 - Q4 2023)
 - Remaining project scope
 - Leverage economy of scale





Colorado Highway 56 Interchange

Safety

- Most dangerous area on corridor
- Flipping the interchange (like SH 402 interchange)
- Smoothing vertical and horizontal curves
- Roundabout will be added on both sides of CO 56 to increase safety



Carpool/Future Park n Ride

- The carpool lot will be relocated and expanded to the NE quadrant
- EZ Chargers added at carpooling lot
- Strong coordination with Developer (Turion), Berthoud, and Division of Transit and Rail





Colorado Highway 56 Future Park-n-Ride

- Constructing structural elements for future Park n Ride
 - Pedestrian underpass
 - Widened bridges
- Median-loaded so users will be picked up in the middle of I-25
 - Safer
 - More efficient
 - Similar to Kendall Parkway to the North
- Timing of opening is dependent on demand and funding (will not be part of this project)





Why a Diverging Diamond Interchange (DDI) at Colorado Highway 60

Safety

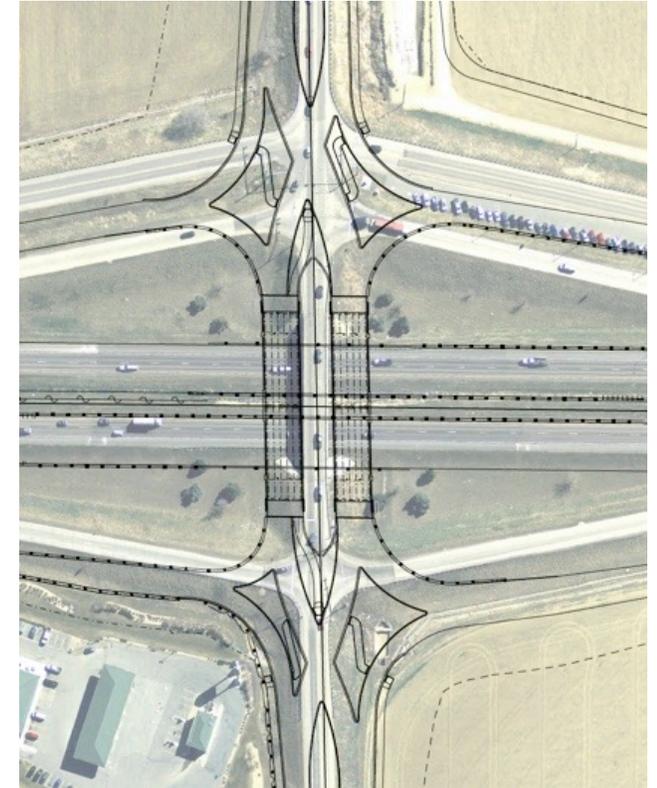
- Eliminates T-bone accidents because intersections are at a skew
- Reduces free-movement left turns
- Increases free left turn movements
- Eliminating the frontage road crossing at CO 60

Efficiency

- Applicable for areas that see directional traffic (morning has outward and evening has inward traffic)
- Eliminates a traffic signal so much more efficient

Other

- Reduces the right of way footprint - do not need as much land
- Minimizes construction disruption due to bridge placements between current bridges
- Allows for future flexibility because it can be widened





Construction Coordination

- Colorado Highway 56 - Max 140-day closure for bridge construction and tie ins (most likely to happen late summer 2021/fall 2021)
- Colorado Highway 60 - Up to 3 Weekend closures for bridge construction and tie-ins will be necessary to complete interchange construction
- Detour routes will be using state and local roads
- Emergency Management, school bus, and mail coordination is ongoing





Traffic Impacts



Starting in November 2020, motorists will notice shoulder closures and lane shifts, along the southbound outside shoulder of I-25.

Starting in late winter 2021 (Q1), motorists will notice an increase in lane shifts to accommodate construction of the SB lanes.

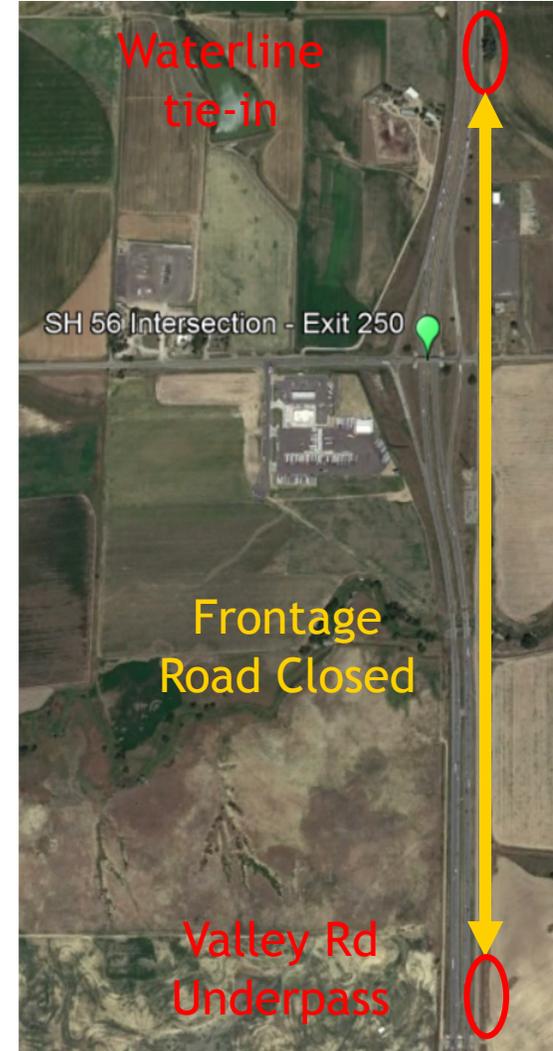


Frontage Road Closure Timing

General Info:

- Frontage Road Closures
 - Between CO 56/WCR 44 and WCR 46 was closed Jan. 6
 - Between Valley Road and CO 56/WCR44 was closed July 27
- Phased closure between CO 60A/LCR 14 and the Valley Road Underpass (south of the Little Thompson Bridges)
- Frontage road will remain open north of LCR 14 due to number and configuration of business accesses
- Access will be maintained to utility owners, property owners, ditch riders, etc.

January 6th & July 27th Closure



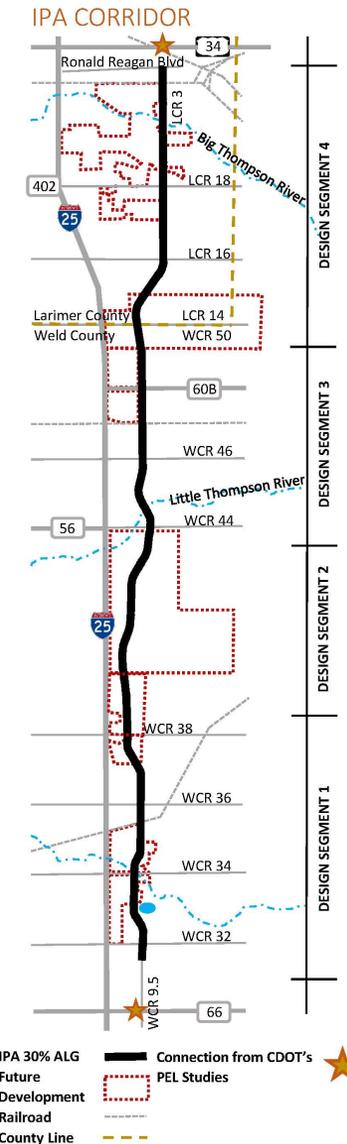
Phased Closures





High Plains Blvd Project

- Regional connectivity is a major concern along the I-25 corridor, and this planned roadway would allow for an alternative to I-25.
- CDOT, Weld County, Larimer County, the Towns of Mead, Berthoud, Johnstown, and Loveland, have collectively planned for a new north/south arterial roadway to help mitigate traffic congestion on Interstate 25 (I-25) in the future.
- To learn more visit: https://www.weldgov.com/departments/public_works/transportation_planning/high_plains_boulevard





Future High Plains Blvd Construction



Turion constructing this portion of IPA

- Constructing IPA from WCR 38 to WCR 44/SH 56 (3 miles)
- Design complete in the next few months
- Roadway grading starting Q4 2020
- Set for roadway completion by Q4 of 2021



I-25 North: Johnstown to Fort Collins



- Similar to the work between Berthoud and Johnstown, October will ramp up bridge work between Johnstown and Fort Collins, too:
 - Crews are prepping to set girders for the I-25 bridge over Union Pacific Railroad and the future Kendall Parkway
 - This work requires overnight full closures of southbound I-25 between Crossroads Boulevard and US 34
 - Crews are prepping to set girders for the bridge over the Big Thompson River
 - This work requires overnight full closures of northbound I-25 between CO 402 and US 34
- Work continues on the Prospect Road bridge, and the US 34 bridge over I-25



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- To learn more please visit <https://www.codot.gov/projects/north-i-25>
- Email northi25expresslanes@gmail.com
- Hotline [720-593-1996](tel:720-593-1996)

- For more information on Express Lanes please visit <https://www.codot.gov/programs/expresslanes/express-lanes> .