



C-470
Express Lanes

Open House

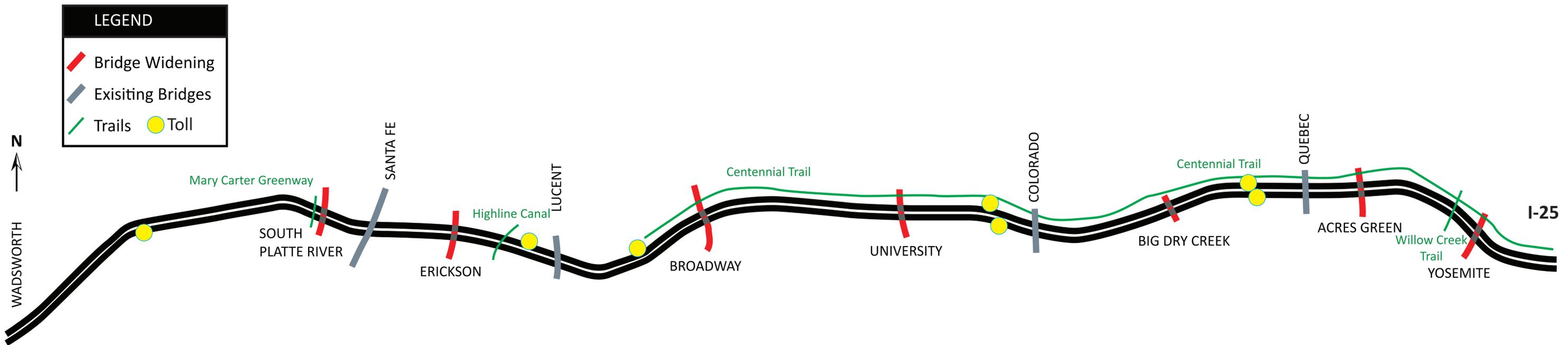
Welcome





C-470 Express Lanes

Project Overview



- 12 bridge widenings
- 2 new bridges over the S. Platte River
- New concrete pavement
- Auxiliary lanes

- New communications infrastructure - RoadX
- Noise walls
- I-25 direct-connect ramps
- New trail underpasses at S. Quebec St. and S. Colorado Blvd.





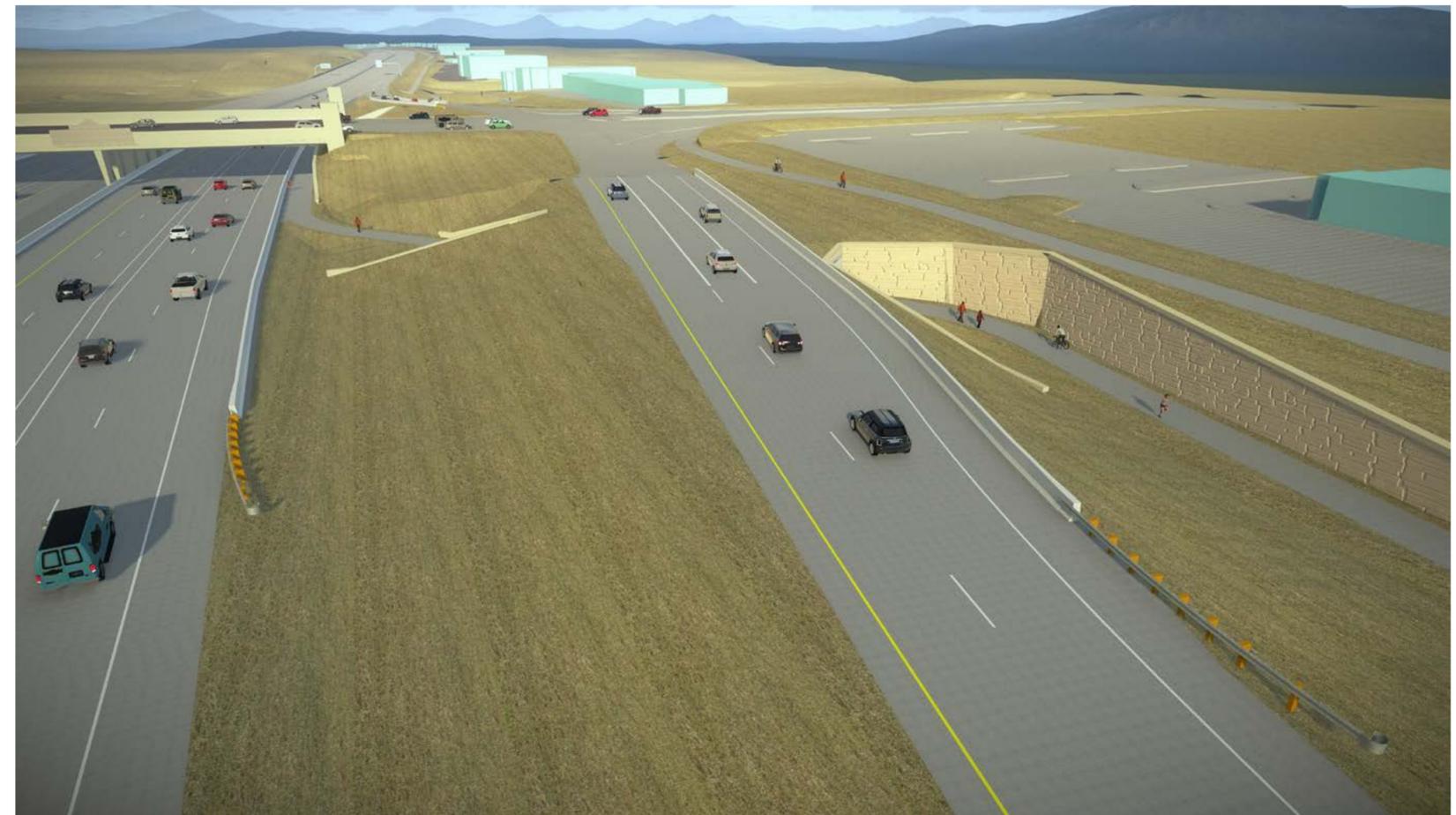
C-470 Express Lanes

Trail Improvements

Colorado and Quebec Trail Crossing Improvements



Colorado Trail Underpass



Quebec Trail Underpass



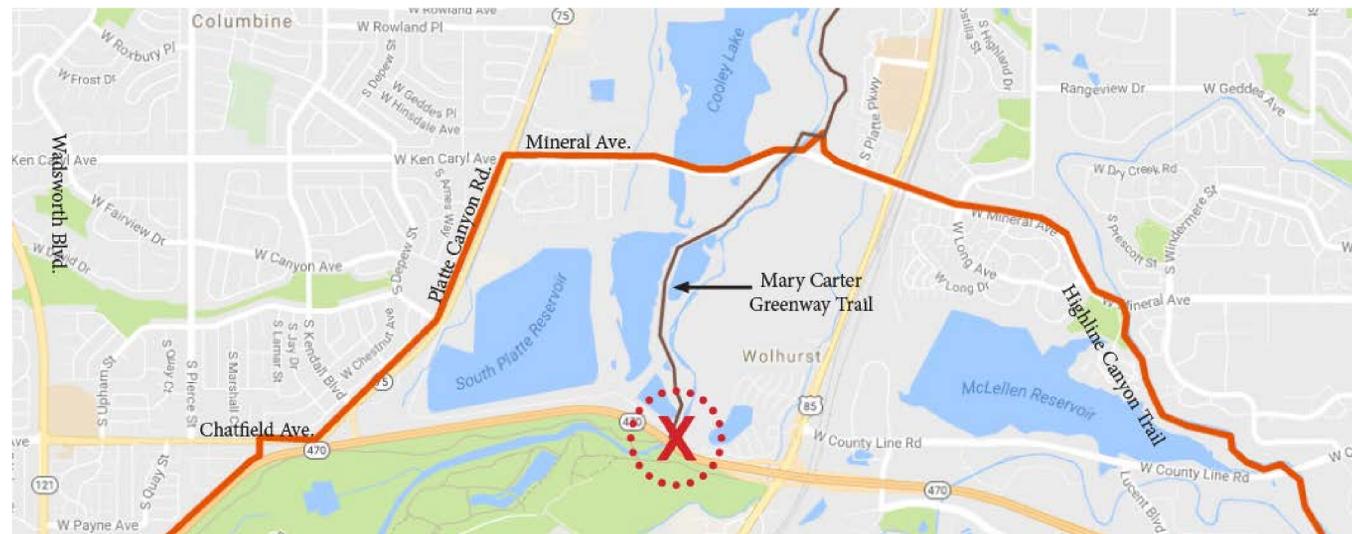


C-470 Express Lanes

Trail Construction

Temporary Trail Detours

Mary Carter Greenway Trail



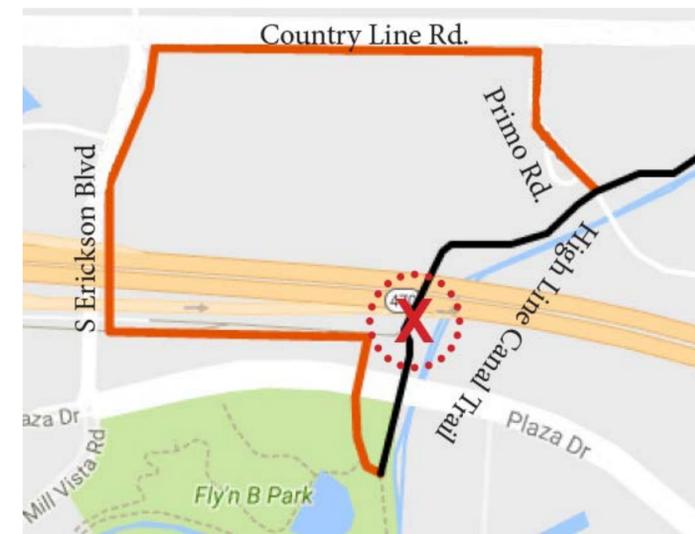
Two detours are available to link the Mary Carter Greenway Trail north of C-470 to the C-470 Trail south of the highway.

Western detour: From the west, follow the Columbine Trail along Chatfield Avenue and Platte Canyon Road. Then take the Mineral Trail along Mineral Avenue to Mary Carter Greenway Trail.

Eastern detour: From the east, follow the High Line Canal Trail to the Mineral Trail. After crossing Santa Fe Drive, continue on the Railroad Spur Trail to Mary Carter Greenway Trail.

- First detour: May/ June 2017
- Duration: max 6 months cumulative
- Interim closures during bridge construction

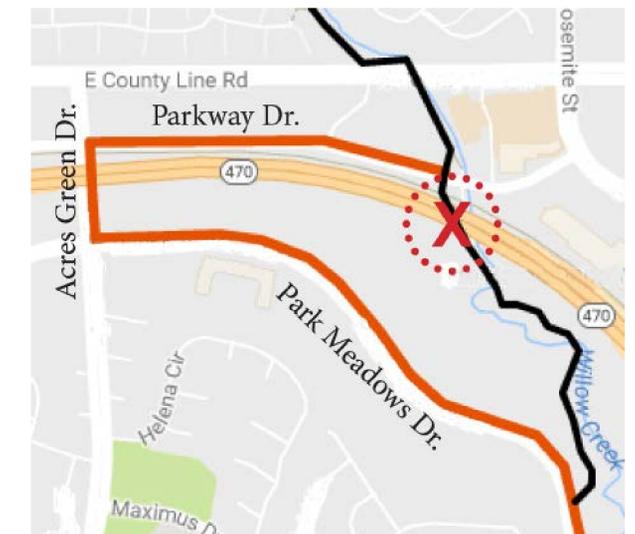
High Line Canal Trail



Clockwise from the closure (red X), this detour uses the C-470 Trail to Erickson Boulevard, then County Line Road to Primo Road, back to the High Line Canal Trail.

- Detour: Q4 2017
- Duration: 1-2 months

Willow Creek Trail



Clockwise from the closure (red X) this detour follows Park Meadows Drive to Acres Green Drive, then Parkway Drive back to Willow Creek Trail.

- Detour: Q2 2018
- Duration: 1-2 months



Closure Location



Detour Route



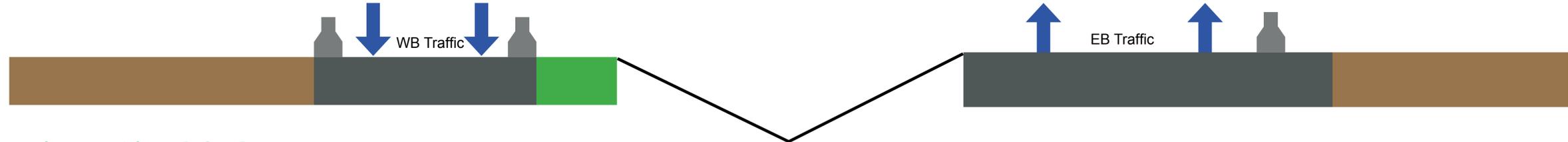
Trail



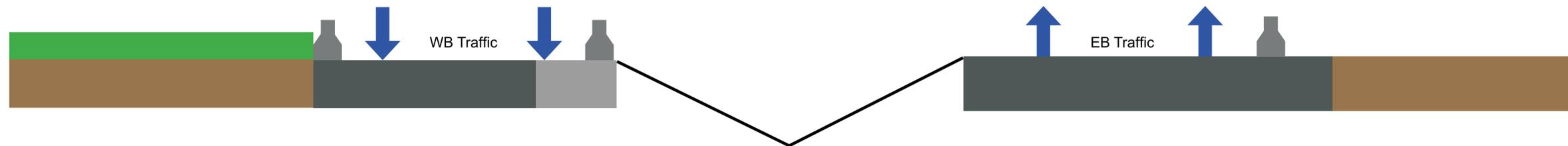
C-470 Express Lanes

Project Phasing

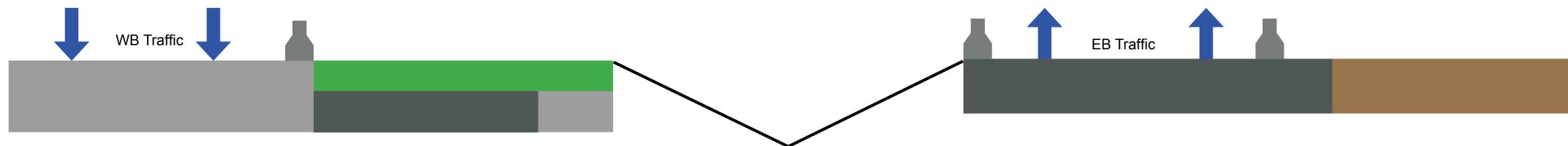
Phase 1 (Current Phase): Construct median widenings & outside earthwork



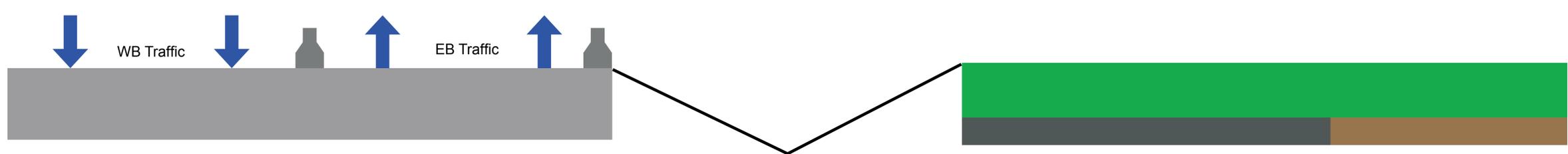
Phase 2a: Construct the outside WB & EB



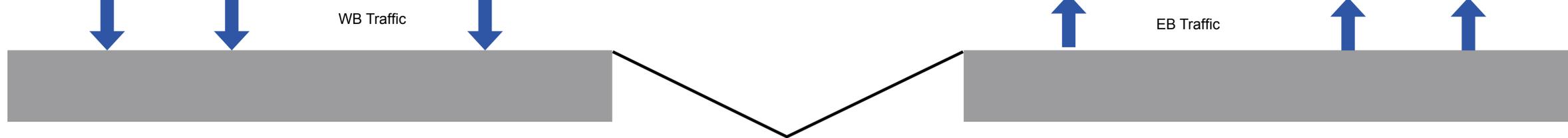
Phase 2b: Construct & pave inside portion of WB. Continue outside work on EB



Phase 3: Construct & pave the remaining portions of EB



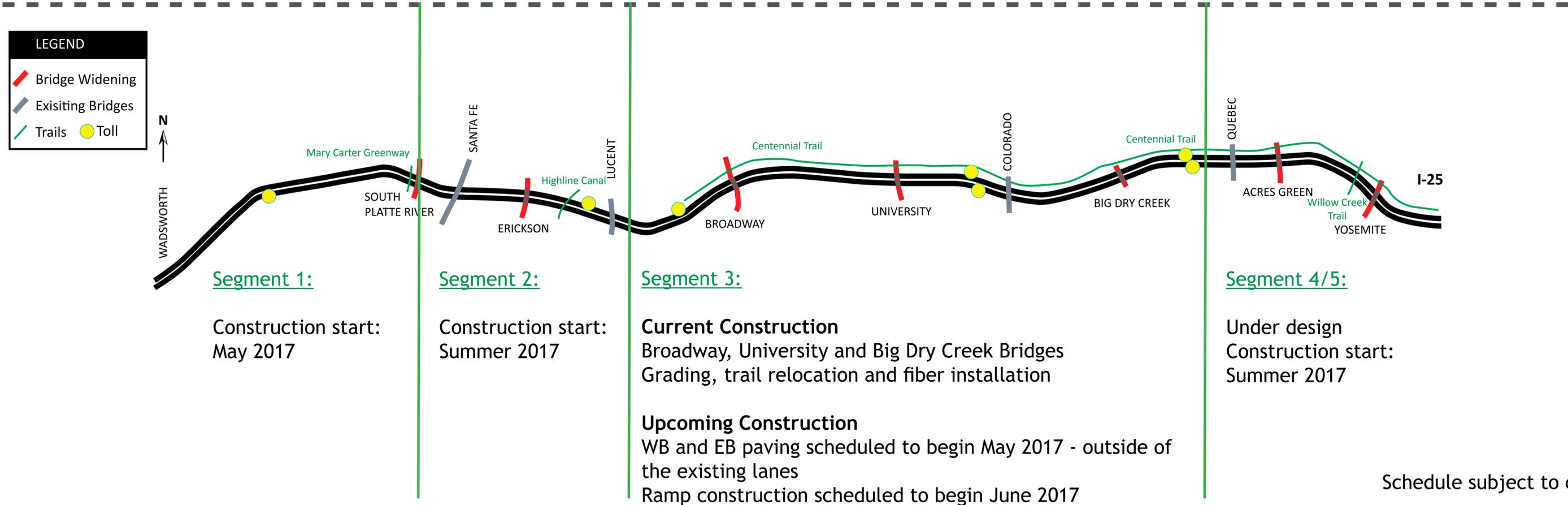
Completion





C-470 Express Lanes

Project Schedule



Construction completion Spring 2019



C-470 Express Lanes

Trip Reliability

Region-wide Express Lanes

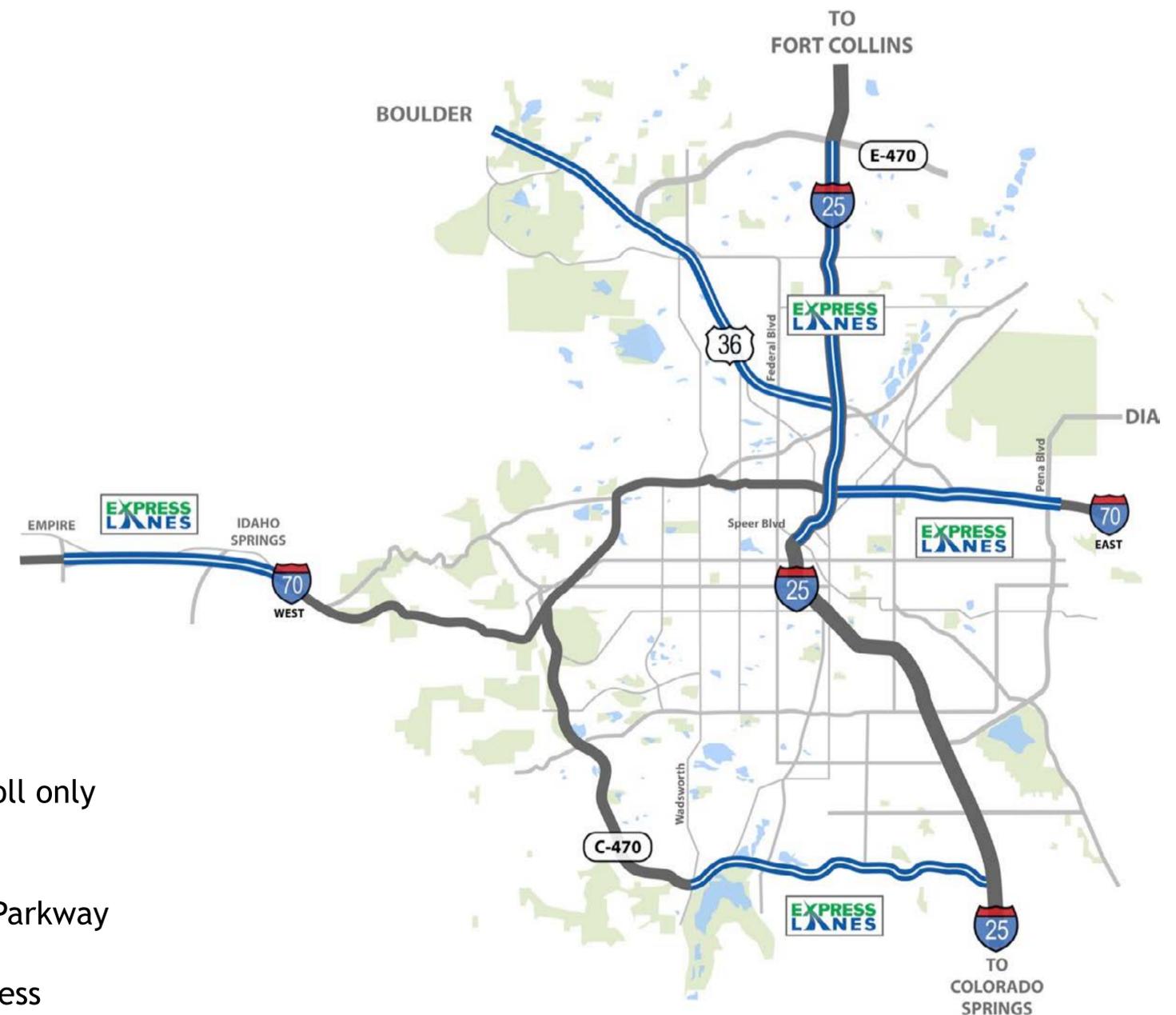
- C-470
- North I-25
- Central I-25
- I-70 Mountain
- US 36
- Potentially on: Central 70

Why Express Lanes?

- CDOT/HPTE new focus on:
 - Increased choice in travel
 - Increased mobility through operational improvements
- Reduce delay on most seriously congested corridors
- Use toll pricing to manage congestion
- Maintain reliable travel times now and in the future

How to Use Express Lanes

- “Get a Pass” - Drivers will save money every time by paying the toll only with an Express Toll account and pass.
- Visit expresstoll.com or call 303-537-3470 to get yours today.
- Express Toll pass works on all CDOT Express Lanes, the Northwest Parkway and E-470.
- Switchable HOV Transponders will work in toll mode on C-470 Express Lanes. As a reminder, C-470 will not have a free HOV carpool option.



Travelers are never forced to pay a toll and can always choose to travel in the adjacent free general purpose lanes.





C-470 Express Lanes

Environmental

Air Quality

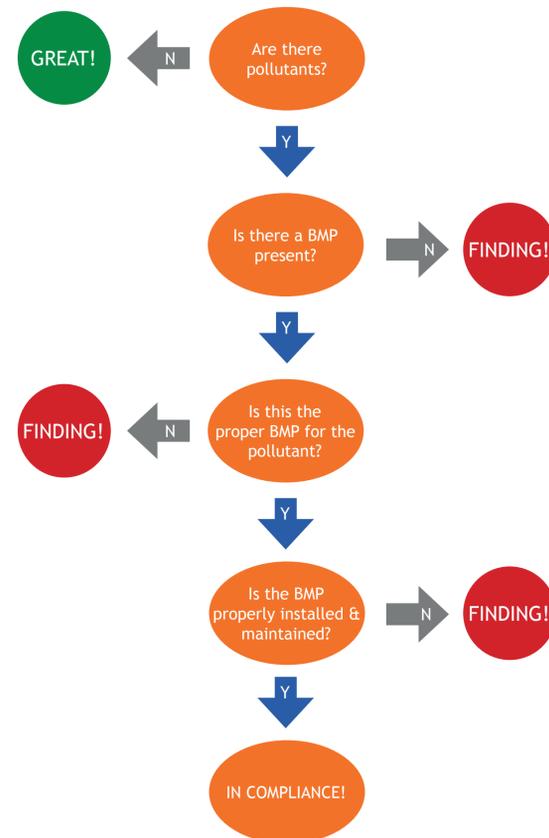
Typical Air Quality Control Practices

- Wheel wash station
- Wind screen
- Vehicle tracking pad to minimize tracking dirt onto public streets (pictured below)
- Water trucks used for dust suppression



Water Quality

- Stormwater runoff in a construction site can affect water quality through erosion and sedimentation.
- Stormwater controls, or Best Management Practices (BMPs), must be in place and working properly at all times, as required by the project permit, local, state, and federal laws and regulations.



Wildlife Protection

- Wildlife may be present during project activities, including species of concern and species which are protected under state and Federal laws or regulations.
- General Wildlife
 - Coyote, Fox, Deer
 - Rodents
 - Snakes
- Protected Wildlife or Species of Concern
 - Prairie Dog
 - Western Burrowing Owl
 - Raptors
 - Migratory Birds





C-470 Express Lanes

Aesthetics

Noise Wall



Pier Design



Retaining Wall Pattern



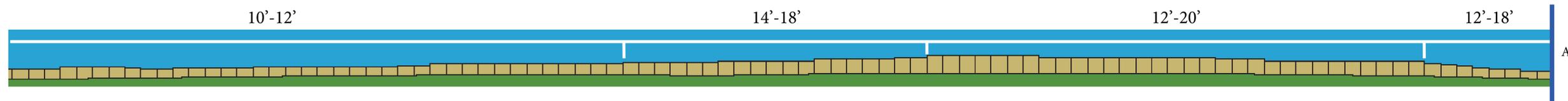


C-470 Express Lanes

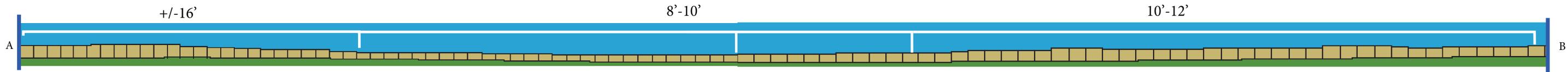
Noise Walls



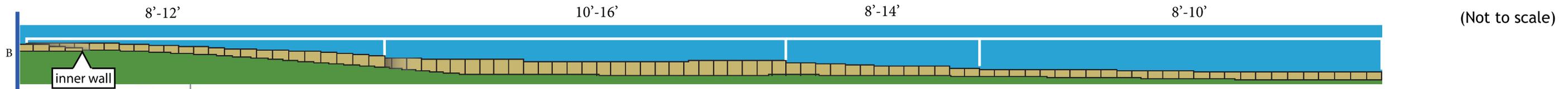
NE wall #6 at Autumn Chase elevation



NE wall #6 at Copper Canyon elevation



NE wall #6 at Canyon Ranch elevation



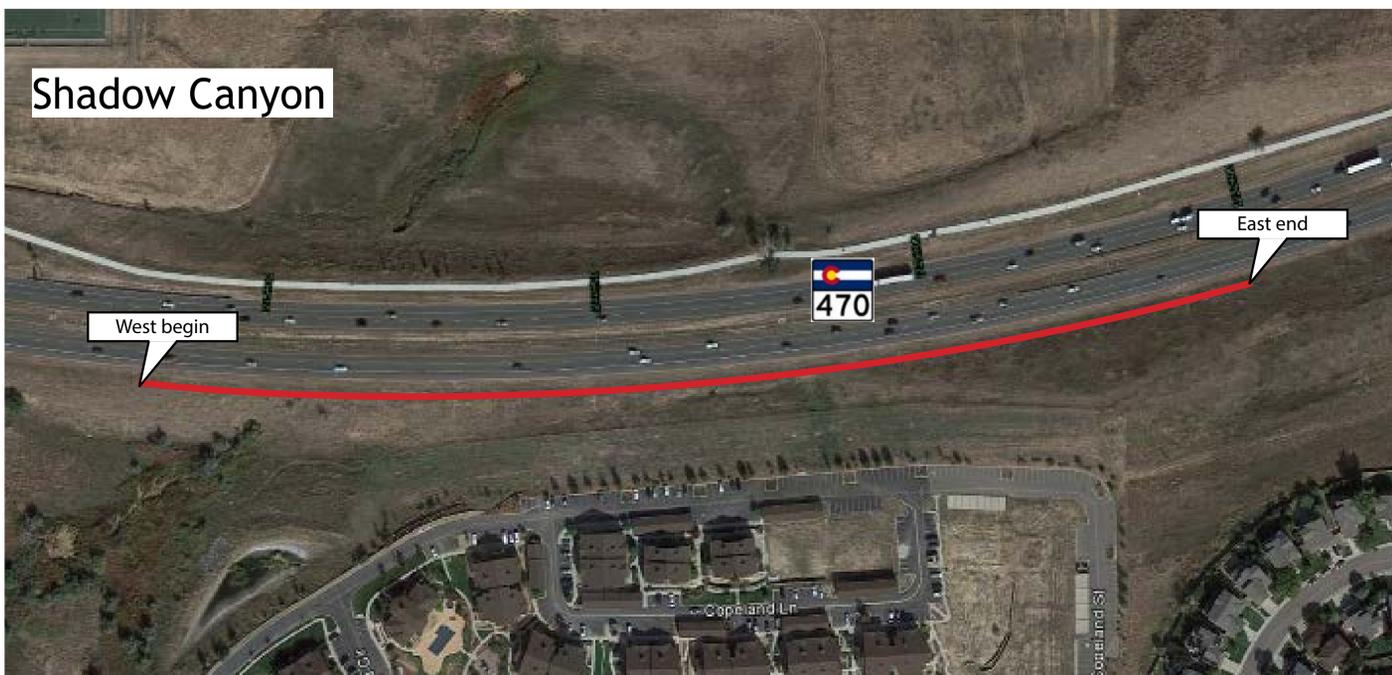
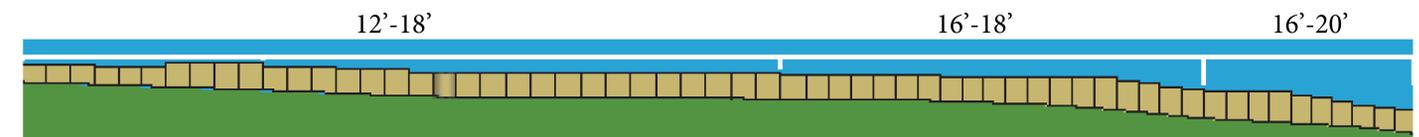


C-470 Express Lanes

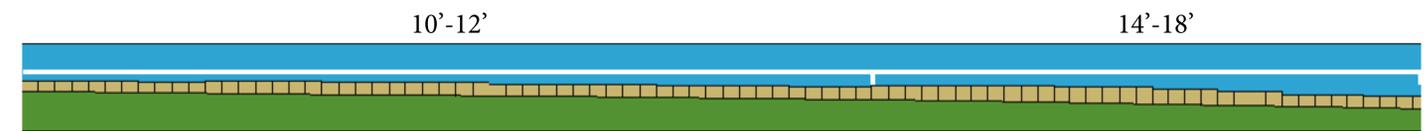
Noise Walls



NE wall #5 at Bluffs at Highland Ranch elevation



NE wall #7 at Shadow Canyon elevation



(Not to scale)



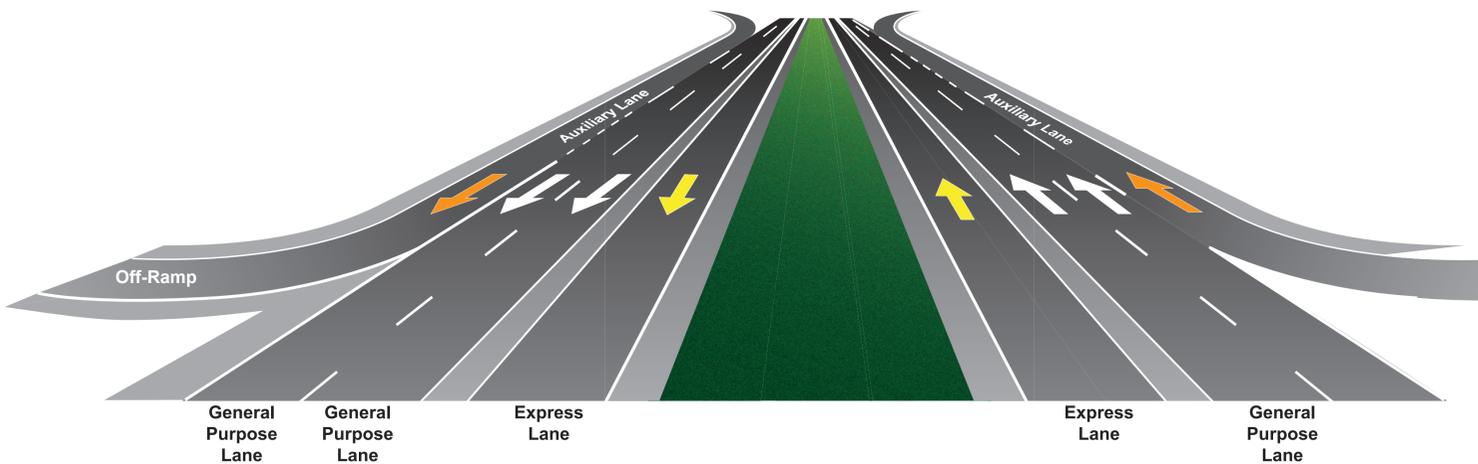


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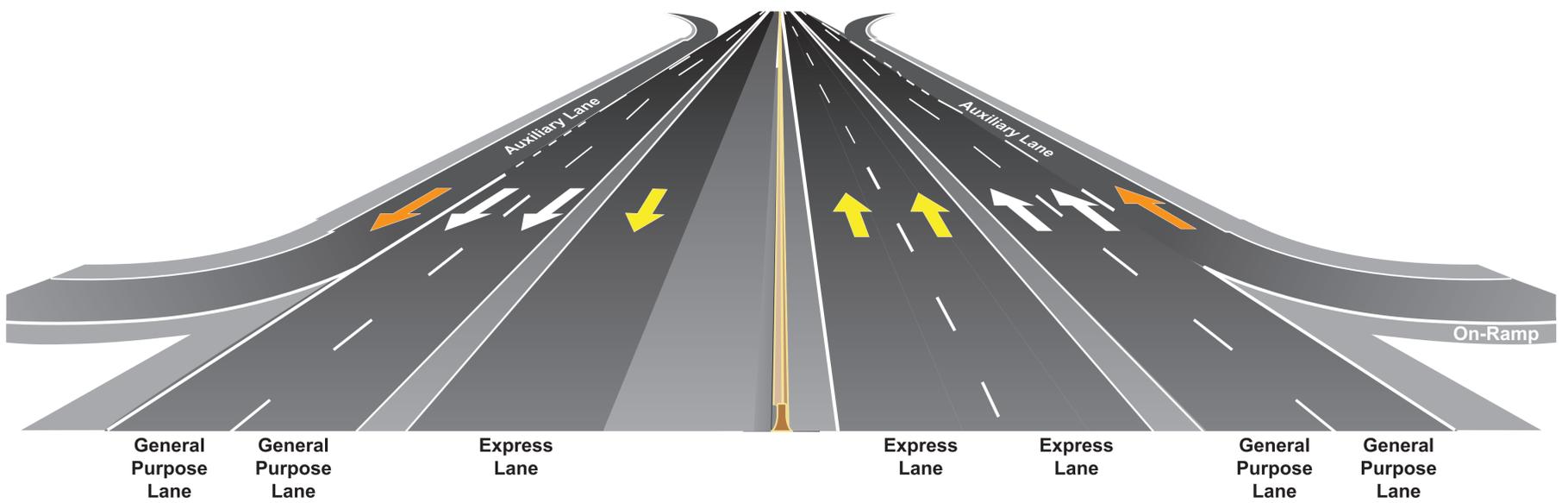
Typical Sections



Existing C-470 2 General Purpose Lanes in each direction



C-470 with 1 Express Lane EB and WB from Colorado Blvd. to Wadsworth Blvd.



C-470 with 2 Express Lanes WB from I-25 to Colorado Blvd.

Auxiliary Lanes

Westbound

- University to Broadway
- Broadway to Lucent
- Lucent to Santa Fe
- Santa Fe to Platte Canyon

Eastbound

- Santa Fe to Lucent
- Lucent to Broadway
- Broadway to University
- Quebec to Yosemite

Typical sections provided by: Wilson & Co.





C-470 Express Lanes

Public Outreach

2003-2006

Environmental Assessment (EA) - CDOT

- Newsletters - 22,000 business and households received newsletters mailed throughout EA process
- Website - 100,000 visitors viewed the EA website
- Media - Multiple press releases and articles in major and local newspapers and local television
- Small Group Meetings - 44 meetings
- Open Houses - 17 open houses
- November 2006 - EA Public Hearing

2012-2013

Funding Option Selected - C-470 Corridor Coalition

- Telephone Town Halls - The Coalition solicited input from the public through 5 telephone Town Hall Meetings (Fall 2012) on alternative improvements to the corridor; 21,552 residents were connected
- Public Presentations - 12 separate presentations Fall 2012
- Open Houses - 4 open houses Fall 2012
- Website - The Coalition created a website
- Social Media - Facebook page created
- Citizens Advisory Committee - Committee formed with input from the Coalition members
- Media - 14 media articles published between July and August 2012
- Citizen Opinion Survey - Completed November 2012
- C-470 Coalition Policy Committee formed
 - o Includes Local Agencies, multiple Community Partnerships & Organizations, Colorado Department of Transportation (CDOT), High Performance Transportation Enterprise (HPTe), Denver Regional Council of Governments (DRCOG), Regional Transportation District (RTD), and the Federal Highway Administration (FHWA)
 - o February 2013 - Selected Express Tolloed Lanes as the preferred funding option

2013-2015

Completion of Revised Environmental Assessment - CDOT & C-470 Corridor Coalition

- HPTe Outreach Meeting - August 19, 2014
- September 2014 Telephone Town Hall Meetings
 - Sept. 9 - Outreach focus area: Jefferson County and Lakewood
 - Sept. 10 - Outreach focus area: Arapahoe County, Centennial and Littleton
 - Sept. 11 - Outreach focus area: Douglas County, Lone Tree and Highlands Ranch
- September 2014 Public Open House Meetings
 - Sept. 15 - Ken Caryl Ranch House
 - Sept. 16 - Highlands Ranch Metro District Office
 - Sept. 17 - Lone Tree Arts Center
 - Thursday, Sept. 18 - Homestead Elementary School
- February 2015 Public Open House Meetings for Noise Analysis and Mitigation
 - Feb. 10 - Highlands Ranch Metro District Office
 - Feb. 11 - Highlands Ranch Metro District Office
- 2015 Revised EA Public Hearing
 - Aug. 26 - Lone Tree Arts Center

2016-Present

Flatiron AECOM LLC Selected as Design-Build Contractor

Construction Began Fall 2016

- 2016 Stakeholder Meetings
 - Sept. 13 - Open House, Hilton Garden Inn
 - Sept. 15 - Business Owner Tele-Forum
 - Sept. 16 - Business Owner Open House, Highlands Ranch Library
 - Oct. 19 - Highlands Ranch Chamber
 - Nov 16 - WestConnect PEL Community Meeting
 - Sept 2016, April 2017 - I-25 South Metro Corridor Coalition
 - Nov 30 - Denver South EDP Business Owner Meeting
- 2017 Stakeholder Meetings
 - March 16 - Wind Crest Senior Living
 - March 26 - Auto Dealerships along corridor
 - April 4 - I-25 South Metro Corridor Coalition
 - April 17 - Denver South EDP Business Owner Meeting
 - April 26 - Open House, Hilton Garden Inn
 - June 28 - Bike to Work Day

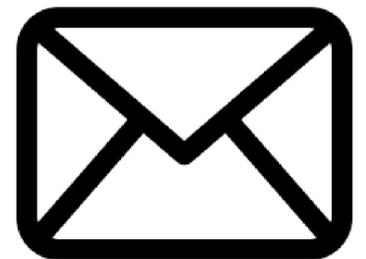
Stay Connected



24-hour Hotline
303-347-0507



Project Website
www.codot.gov/projects/C470ExpressLanes



Project Email
C470info@flatironcorp.com

Fill out a **comment card**. We would like to hear from you!

