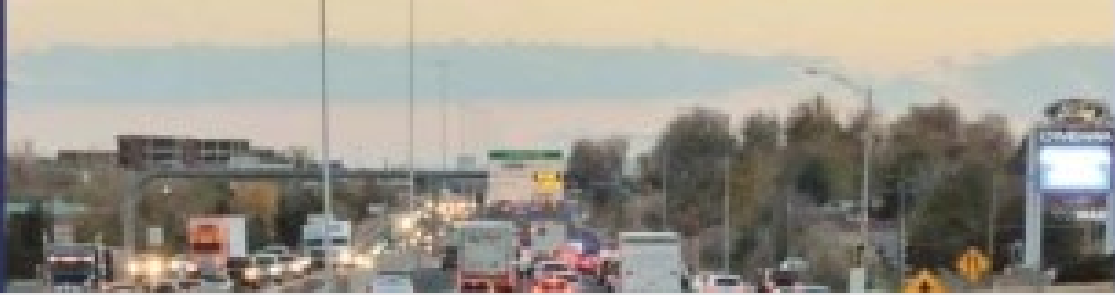


North Area Transportation Alliance Board Meeting

January 25, 2024



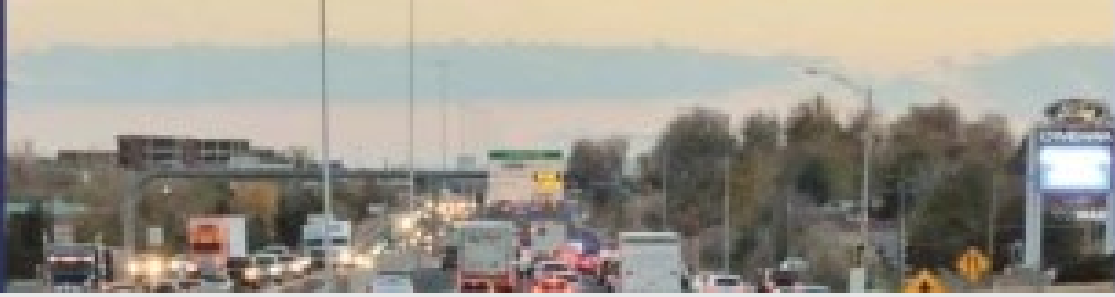
Pledge of Allegiance



Agenda



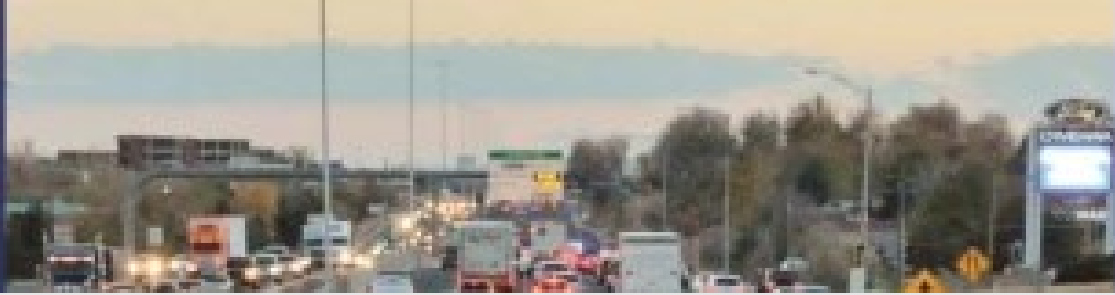
1. Welcome and introductions – Chair Nancy McNally
2. Approval of December Meeting Minutes
3. 2024 NATA Appointments & Officers
4. 2023 NATA Year in Review – Carson Priest
5. CDOT Commissioner Update – Commissioner Karen Stuart
6. RTD Directors Reports – Directors Buzek, Harwick, Davidson, Whitmore
7. E-470 Informational Update – Neil Thompson, Director of Engineering and Roadway Maintenance and Jessica Carson,
Director of Public Affairs
8. Other



2024 Executive Officers



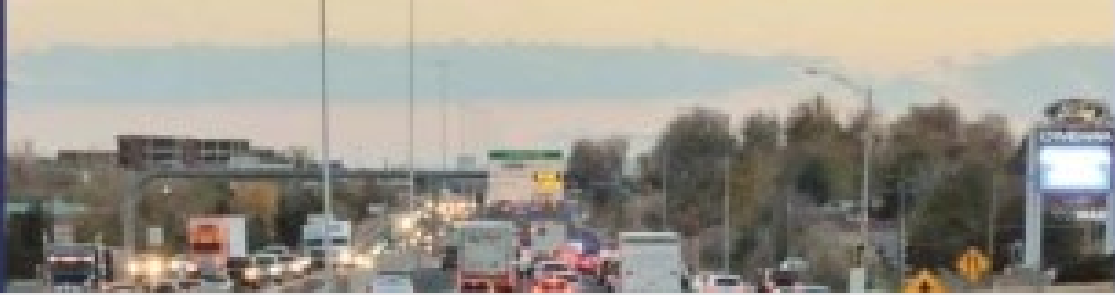
- **Chair** – Westminster Mayor Nancy McNally
- **Vice Chair** – Erie Councilmember Emily Baer
- **Treasurer** – Thornton Councilmember Justin Martinez
- **Immediate Past Chair** – Brighton Mayor Greg Mills



Strategic Planning Committee (SPC)



The SPC acts as the Executive Committee for NATA Board and includes the Chair, Vice Chair, Treasurer, immediate past Chair and two other at-large members preferably from areas that are not geographically represented by the Officers and the immediate past Chair.



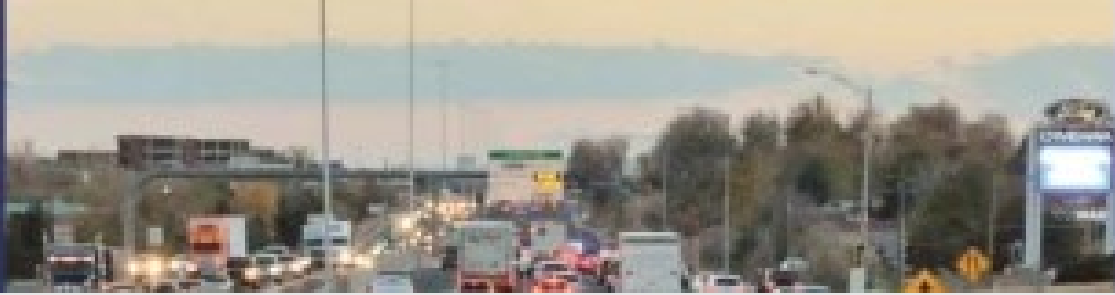
2024 SPC Appointments



- **Chair** – Westminster Mayor Nancy McNally
- **Vice Chair** – Erie Councilmember Emily Baer
- **Treasurer** – Thornton Councilmember Justin Martinez
- **Immediate Past Chair** – Brighton Mayor Greg Mills
- At Large Member –
- At Large Member -

2024 Smart Commute Board of Directors

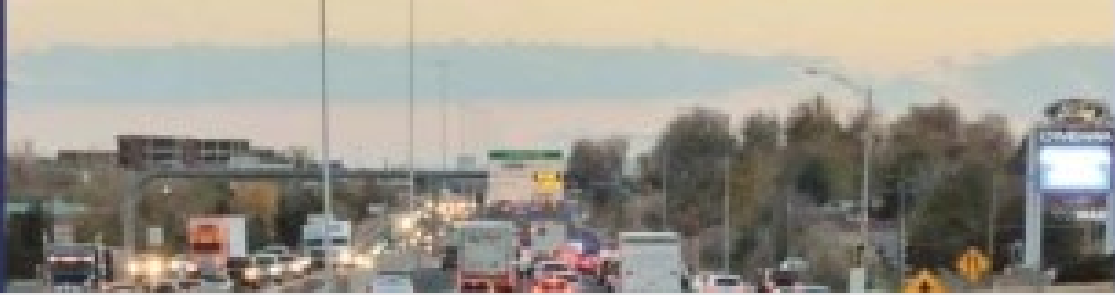
- Chair: Jessica Sandgren, Mayor Pro Tem, Thornton
- Vice Chair: Wady Burgos, Parking & TDM Coordinator, Westminster Parking
- Treasurer: Nathan Batchelder, Senior Associate, CRL and Associates
- Kyle Harris, VP Community Development, McWhinney
- Troy Whitmore, Director, Public Affairs, United Power
- Pedro Costa, CEO, Northwest Parkway
- Andrea Donegan, General Manager, Amazon DEN3
- Lisa Hough, President & CEO, AC-REP
- Craig Hebrink, Sustainable Broomfield



Agenda



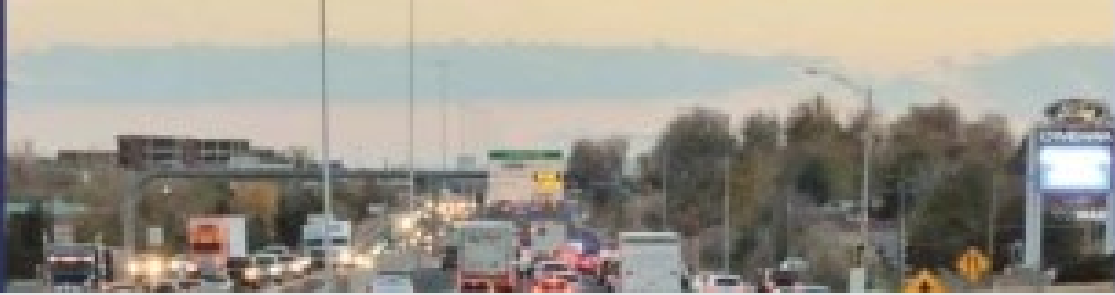
1. Welcome and introductions – Chair Nancy McNally
2. Approval of December Meeting Minutes
3. 2024 NATA Appointments & Officers
4. 2023 NATA Year in Review – Carson Priest
5. CDOT Commissioner Update – Commissioner Karen Stuart
6. RTD Directors Reports – Directors Buzek, Harwick, Davidson, Whitmore
7. E-470 Informational Update – Neil Thompson, Director of Engineering and Roadway Maintenance and
Jessica Carson, Director of Public Affairs
8. Other



2023 Position Letters



- 1.31.2023 - Letter to Pete Buttigieg re: Support of US 85/120th Avenue Interchange - RAISE Grant Application
- 2.9.2023 – Letter to Pete Buttigieg re: Support 104th Avenue between Colorado Boulevard and South Platte River RAISE Grant Application
- 2.23.2023 – Letter to Pete Buttigieg re: Support of The City of Commerce City’s 88th Avenue Improvements from I-76 to Highway 2 RAISE Grant Application
- 3.29.2023 – Letter to Joe Neguse re: CDS Community Project Support - Colorado 7 Multimodal & Safety Preconstruction
- 9.28.2023 – Letter to Pete Buttigieg re: RCN grant application for Reconnecting Disadvantaged Communities and Fostering Equitable Revitalization Near the 72nd Ave RTD Station by Removing Barriers to Connectivity
- 9.28.2023 – Letter to Pete Buttigieg re: 2023 RCN/NAE Grant Application; City of Thornton Washington Street Multimodal Path Underpass
- 9.29.2023 – Letter to Meg Froelich re: Transit Zero-Fare for Youth



2023 Presentations

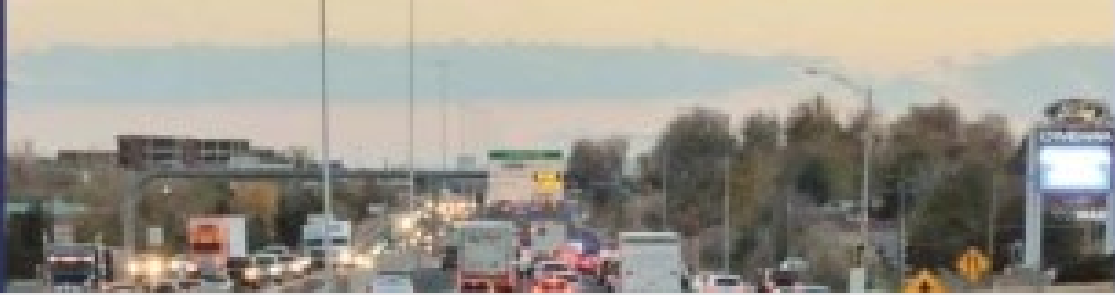


January:

- Review of NATA 2022 Year in Review – Carson Priest
- Smart Commute Board of Directors – Carson Priest
- CDOT Transportation Commissioner Report – Commissioner Karen Stuart
- CDOT I-25/88th Transit Impact & Safety Analysis – Commissioner Karen Stuart
- RTD Directors Reports – Directors Vince Buzek, Troy Whitmore
- Regional Air Quality Council (RAQC) Presentation – Mike Silverstein, RAQC

February:

- CDOT Transportation Commissioner Report & Safety Brief – Commissioner Karen Stuart
- RTD Directors Reports – Directors Vince Buzek, Troy Whitmore
- CO 7 Corridor (Brighton to Boulder) Update – CO 7 TAC Members, CDOT Regions 1 & 4 Leadership



2023 Presentations



March:

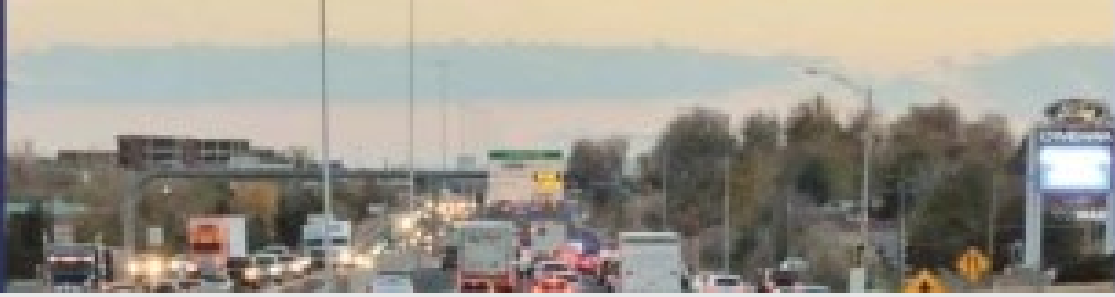
- Smart Commute HB22-1026, Outreach, BTWD Update – Carson Priest
- CDOT Transportation Commissioner Report – Commissioner Karen Stuart
- RTD Directors Reports – Directors Vince Buzek, Troy Whitmore
- RTD Regional Ridership Report – Michael Davies

April:

- Q1 Treasurer's Report – Trustee Emily Baer
- CDOT Transportation Commissioner Report – Commissioner Karen Stuart
- RTD Directors Reports – Directors Vince Buzek, Troy Whitmore
- CDOT Mobility Hub Plan Update – Jennifer Phillips

May:

- Smart Commute BTWD and Summer Events Update – Carson Priest
- CDOT Transportation Commissioner Report – Commissioner Karen Stuart
- RTD Directors Reports – Director Vince Buzek, Troy Whitmore
- CDOT I-25 TIFIA Loan Update – Nicholas Farber, CTIO



2023 Presentations



June:

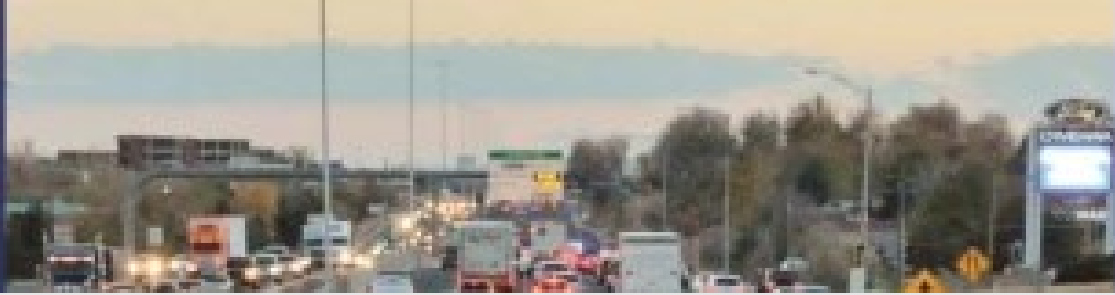
- Annual NATA Retreat – Mayor Greg Mills (Chair), Carson Priest & Tammy Herreid with Smart Commute

July:

- Smart Commute BTWD Recap and Grant Applications Update – Carson Priest
- Update on I-25 Advocacy Efforts – Chair Mayor Greg Mills
- CDOT Transportation Commissioner Report – Commissioner Karen Stuart
- RTD Directors Reports – Directors Vince Buzek, Troy Whitmore
- CDOT Division of Aeronautics Presentation – David Ulane, Aeronautics Director

August:

- Smart Commute Grant Applications Status, 144th FlexRide and eBike Wrap-up Update – Carson Priest
- CDOT Transportation Commissioner Report – Commissioner Karen Stuart
- RTD Directors Reports – Directors Vince Buzek, Troy Whitmore
- Front Range Passenger Rail Special District Update – Andy Karsian, Chrissy Breit
- Doodle Pool re: Priority Project Working Group Meeting – Carson Priest



2023 Presentations



September:

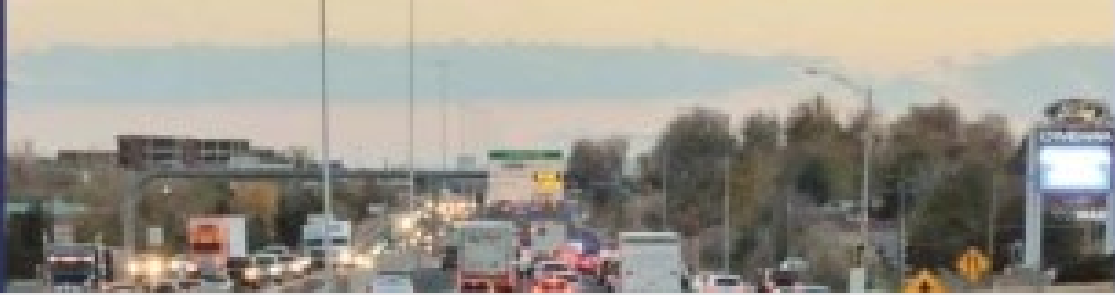
- RTD and SMART/RCN Grant Letters of Support Discuss and Approval – Carson Priest
- NATA Priority Projects List Process Update – Carson Priest
- CDOT Transportation Commissioner Report – Commissioner Karen Stuart
- RTD Directors Reports – Directors Vince Buzek, Troy Whitmore
- CTIO Update regarding Safety Enforcement Program – Piper Darlington

October – No Meeting (CDOT TDM Conference)

November – No Meeting

December:

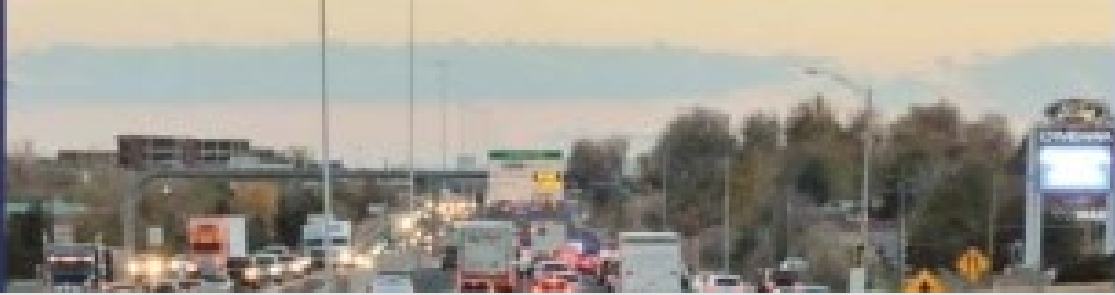
- Election of 2024 NATA Officers – Carson Priest
- CDOT Transportation Commissioner Report – Commissioner Karen Stuart
- RTD Directors Reports – Directors Vince Buzek, Troy Whitmore
- Preview of NATA Guiding Principals & Project List Filters – Carson Priest
- Smart Commute Annual Review & Regional Survey Report – Carson Priest



2023 Accomplishments and Ongoing Focus



- Continued In-person Meetings with Some Increased Attendance
- June Retreat Focused on Priority Project List Update Process
- Monthly CDOT Commissioner Updates
- Monthly RTD Directors Report Updates
- Priority Project List Update Process Kick-Off Senior Staff Meeting
- Priority Project List Policy and Filters Document Draft
- Renewed Focus on Position Letters
- Focus on Positioning the Region for Federal Funding Opportunities
- Update Lobbying Leave-Behind Document
- Create Project One-Sheeters for Lobbying Efforts
- Wrote and signed seven project Letters of Support for Grant Applications



Agenda



1. Welcome and introductions – Chair Nancy McNally
2. Approval of December Meeting Minutes
3. 2024 NATA Appointments & Officers
4. 2023 NATA Year in Review – Carson Priest
5. CDOT Commissioner Update – Commissioner Karen Stuart
6. RTD Directors Reports – Directors Buzek, Harwick, Davidson, Whitmore
7. E-470 Informational Update – Neil Thompson, Director of Engineering and Roadway Maintenance and
Jessica Carson, Director of Public Affairs
8. Other



C. Enright/CDOT



COLORADO

Department of Transportation

Colorado Freight and Passenger Rail Plan Update



What is the State Rail Plan?

- Positions Colorado for future grant, financing and policy opportunities
 - Factor in discretionary grants
- Required by Federal Railroad Administration
- Strategic and high-level document
- Identifies key issues, needs, and initiatives
- Inventories potential future investment concepts
- Developed in coordination with key partners



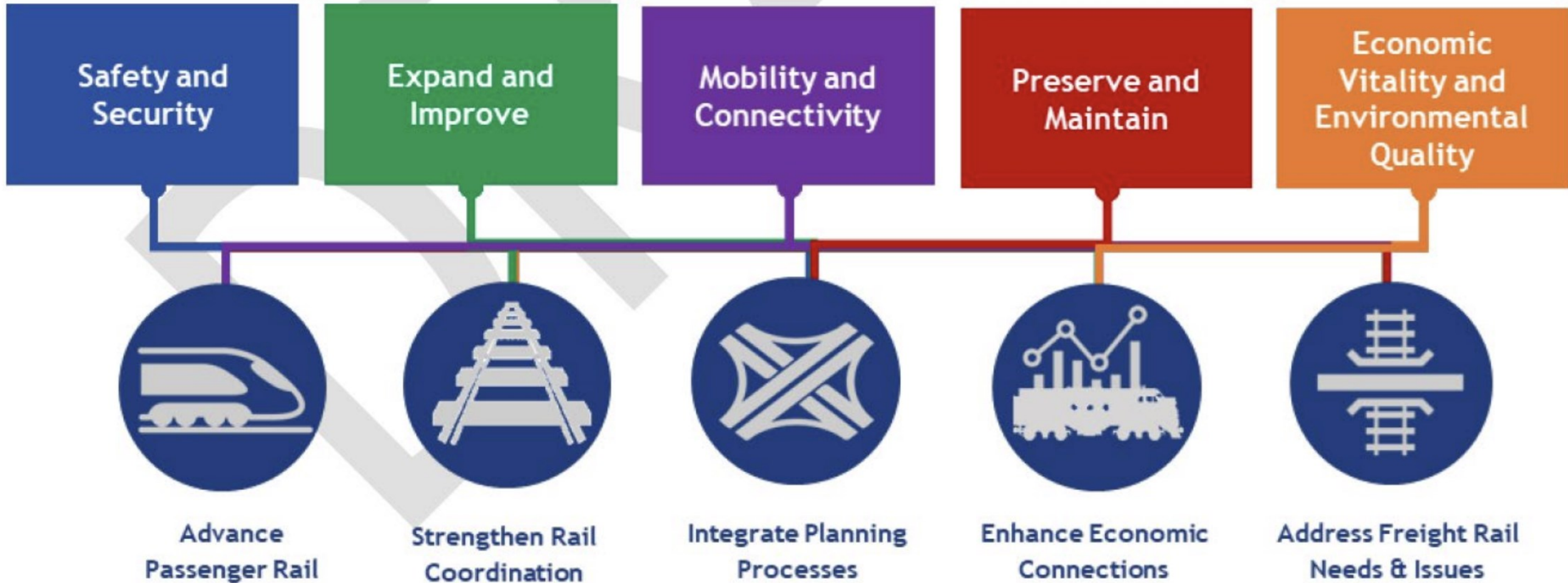
Colorado Freight and
Passenger Rail Plan



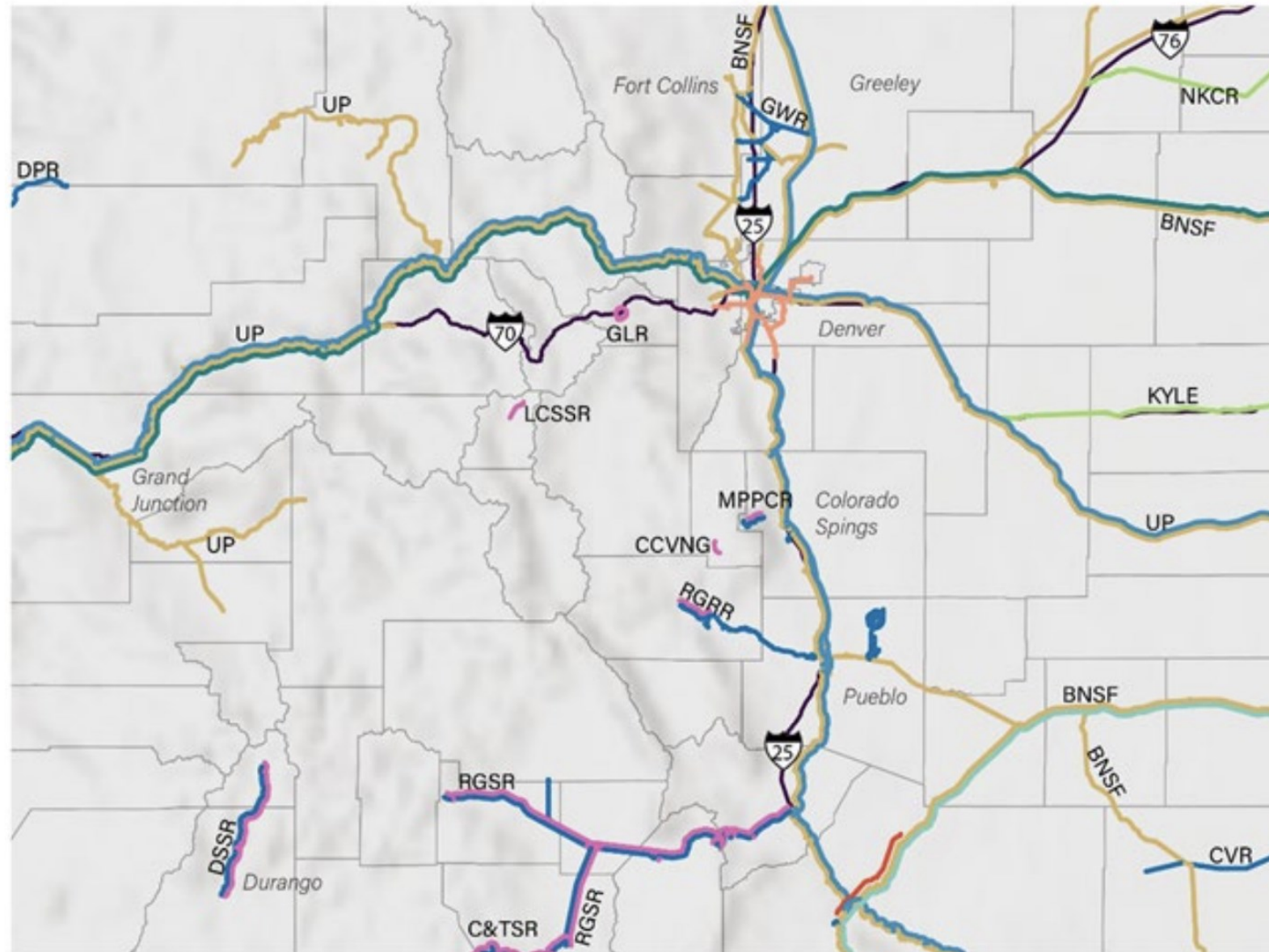
COLORADO
Department of Transportation



State Rail Plan Goals



Colorado's Active Rail Network



Legend

Class I Railroads	RTD Light Rail and Commuter Rail	STRACNET Connectors
Class II Railroads	Amtrak California Zephyr	STRACNET Corridors
Class III Railroads	Amtrak Southwest Chief	Scenic Railroads



Freight

- 13 freight railroads; 2,545 miles of track
- 2,523 jobs in freight railroads
- 382,000 jobs in freight-dependent industries
- 20 percent of all freight moved
- 154 million tons of products moved
- \$10.3 billion of products moved

Passenger

- 3 Amtrak routes; 197,000 travelers annually
- 1 tourist services
- 4 commuter and 6 light rail lines (21.5 million RTD rail passengers annually)
- 7 scenic railroads; 990,000 passengers annually



Partner and Public Involvement



Grand County
Colorado





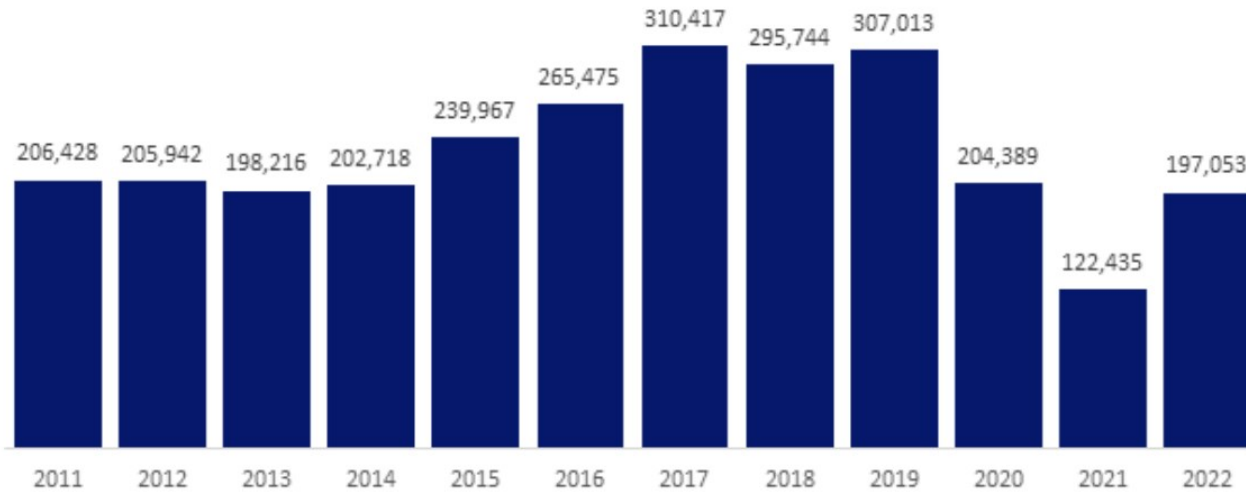
Changes since last update

- **Passenger Rail Modernization and Expansion**
 - Front Range Passenger Rail
 - Service Development Plan/Corridor ID
 - Creation of Front Range Passenger Rail District (SB 21-238)
 - Mountain Rail
 - Burnham Yard Development
 - Southwest Chief Track Rehabilitation and Thru-car Study
 - FRA's Long Distance Passenger Rail Study (Zephyr & Southwest Chief)
- **Freight Rail Industry Shifts**
 - Changes in freight rail trends and commodity movements
 - Need to consider Just Transition for energy communities
 - Increased emphasis on freight safety and equity
- **Bipartisan Infrastructure Law Funding Opportunities**

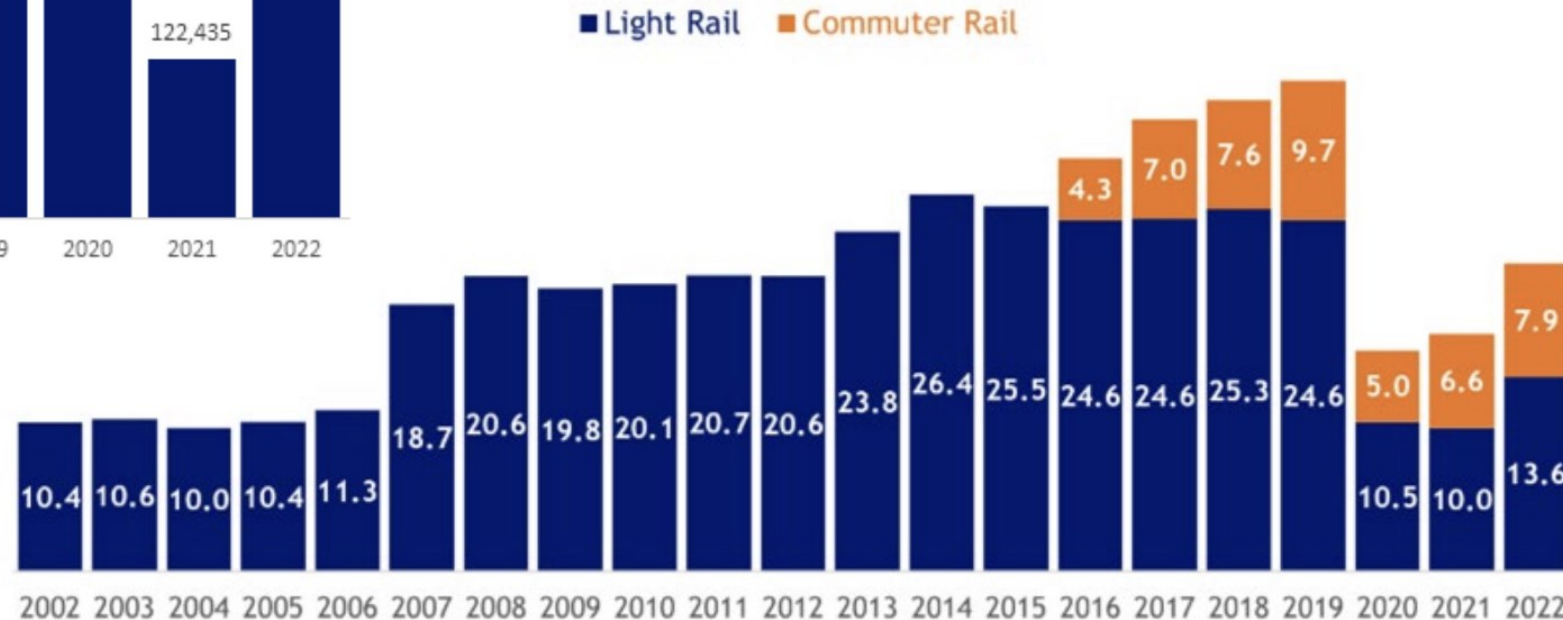


Trends in Passenger Rail

Amtrak Ridership in Colorado (2011-2022)



RTD Rail Ridership (2002-2022)





Key Rail Policy Issues

Funding

- Major funding needs for enhancing capacity, safety and equity
- Historic short-term opportunity for federal funding
- Limited **long-term federal funding** for passenger or freight rail improvements
- Significant capital and operating costs for passenger rail corridor development

Land use and development

- Integrate transit- and rail-oriented development
- Preserve existing rail infrastructure and right-of-way for future uses

Coordination and joint planning

- Formalize coordination and communication with railroad operators
- Leverage funding for Federal grant opportunities

Safety

- Recent concerns regarding derailments in Colorado and elsewhere
- But consistently safer than surface alternatives



Future Passenger Rail Investments by Corridor

Front Range Passenger Rail

- Station Development
- Support Facilities
- Track Improvements
- Signal Improvements
- Rolling Stock/Fleet
- PTC and safety improvements

Mountain Corridor

- Network and Service Development Planning
- Stations & Transit connections
 - Governance
 - Operations
 - Rolling Stock/Fleet
 - Ridership
 - Financial Planning
 - PTC & safety improvements

RTD Commuter Rail

- N Line - Extension
- Northwest Rail Line - Extension
- SW Line Extension
- A Line Crossing Improvements at Chambers Blvd
- Burnham Yard Track Improvements

Southwest Chief

- Implement 2024 FRA Long-Range Passenger Rail Recommendations
- SWC Thru Car Implementation
- Reroute of Amtrak's Service

California Zephyr

- Brush Sub Safety and Operational Improvement
- Other infrastructure and operational improvements

Freight Rail

- Realignment (Colorado Springs)
- Grade Separations (Longmont)
- Bridge Replacements (Denver)
- Signal (Loveland)
- Interchange (Hudson)
- Underpass and Overpass (Fort Collins)
- Safety technology

Statewide and Regionally Significant Freight Rail

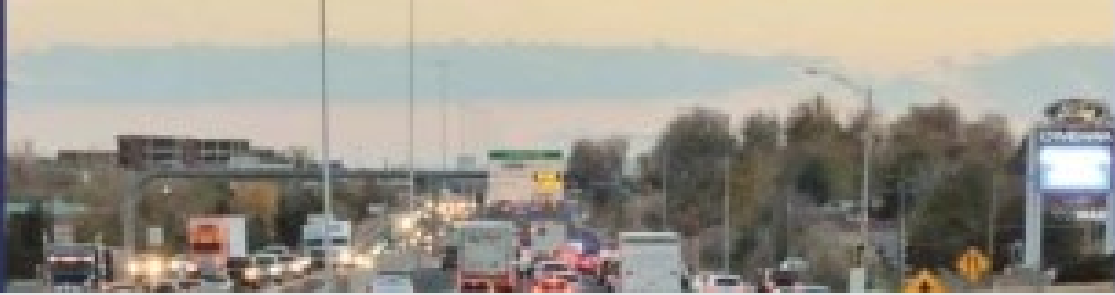
- Positive Train Control (PTC): Denver to Cheyenne
- Track, Siding, and Spur Improvements to support Southern Colorado Rail Park



Next steps

- February: TC Resolution/Plan Approval
- Winter: FRA Plan review and adoption
- Ongoing: Applications for FRA and DOT grant programs





Agenda



1. Welcome and introductions – Chair Nancy McNally
2. Approval of December Meeting Minutes
3. 2024 NATA Appointments & Officers
4. 2023 NATA Year in Review – Carson Priest
5. CDOT Commissioner Update – Commissioner Karen Stuart
6. RTD Directors Reports – Directors Buzek, Harwick, Davidson, Whitmore
7. E-470 Informational Update – Neil Thompson, Director of Engineering and Roadway Maintenance and
Jessica Carson, Director of Public Affairs
8. Other



E-470: MORE THAN A ROAD

Neil Thomson, E-470 Interim Executive Director

Jessica Carson, E-470 Public Affairs Director

January 25, 2024

AGENDA

1. E-470's Mission and Vision
2. About Us and Background on E-470
3. Traffic Trends and toll rate reductions
4. Regional Partner
5. Capital Projects
6. Commitment to Safety
7. Environmental Stewards
8. In the Community
9. Tolling Services for Colorado
10. Operational and Customer Service Statistics
11. Questions and Answers
12. Contact Information



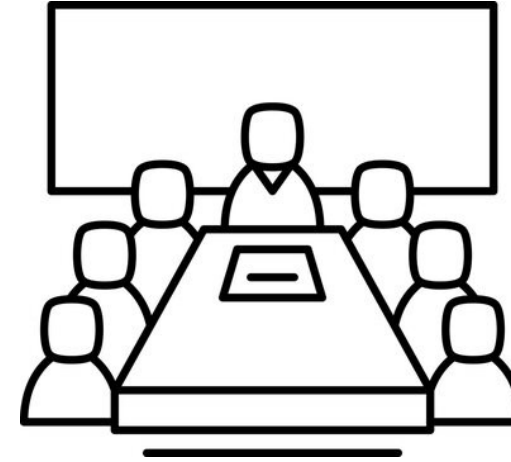
E-470'S PURPOSE & VISION

We improve your journey...

...and provide exceptional mobility solutions by connecting people and embracing transformative opportunities

ABOUT US

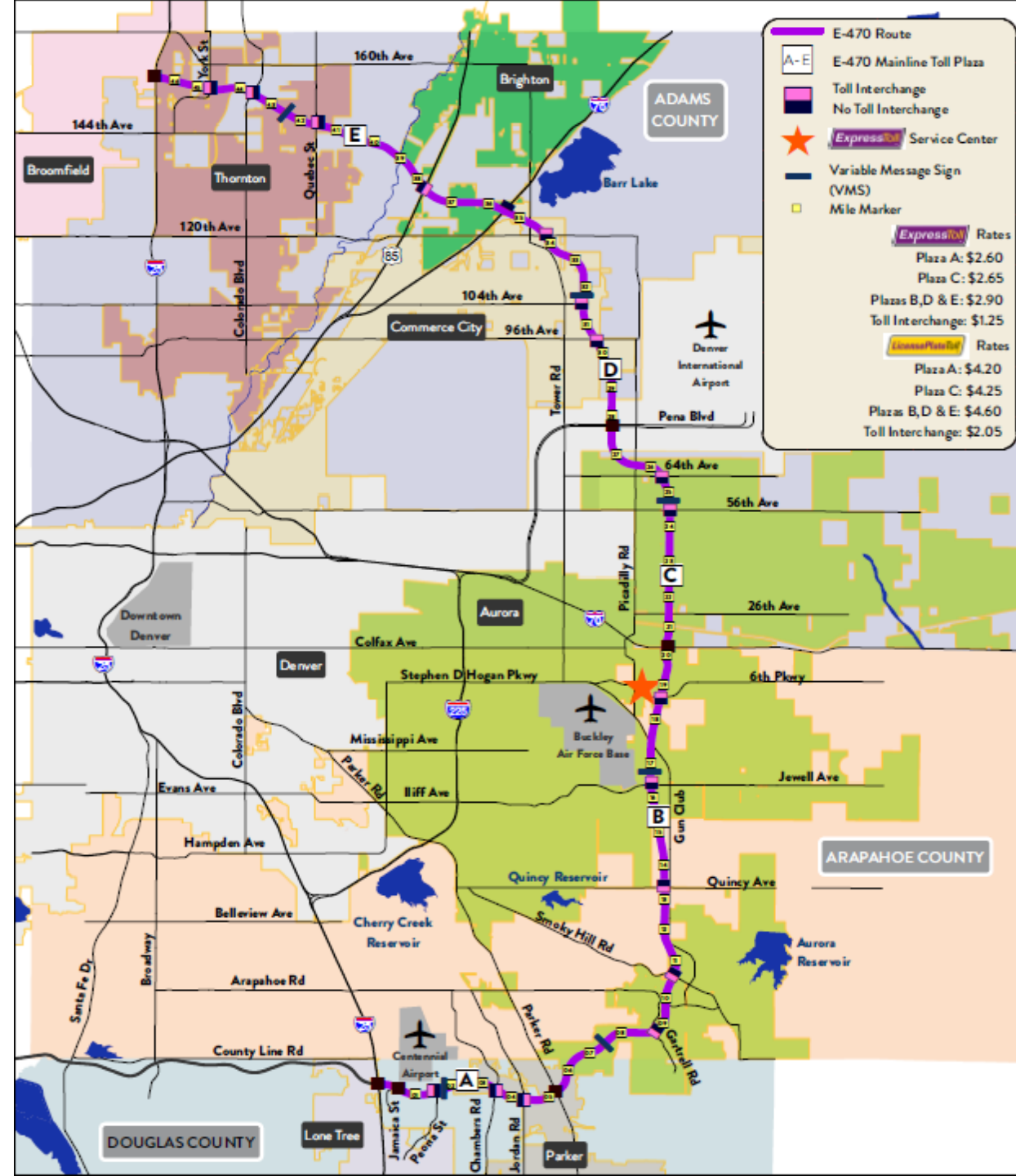
- Colorado political subdivision
- Local government owned and operated
- Governed under PHA law by a Board of Directors:
 - **8 Voting Members**
 - Parker, **John Diak, Board Chair**
 - Aurora, **Françoise Bergan, Vice Chair**
 - Commerce City, **Craig Hurst, Secretary**
 - Brighton, **Jan Pawlowski, Treasurer**
 - Adams County, **Chaz Tedesco, Commissioner**
 - Arapahoe County, **Bill Holen, Commissioner**
 - Douglas County, **George Teal, Commissioner**
 - Thornton, **Tony Unrein, Council Member**



- **8 Non-Voting Members**
 - Arvada
 - Broomfield
 - CDOT
 - DRCOG
 - Greeley
 - Lone Tree
 - RTD
 - Weld County

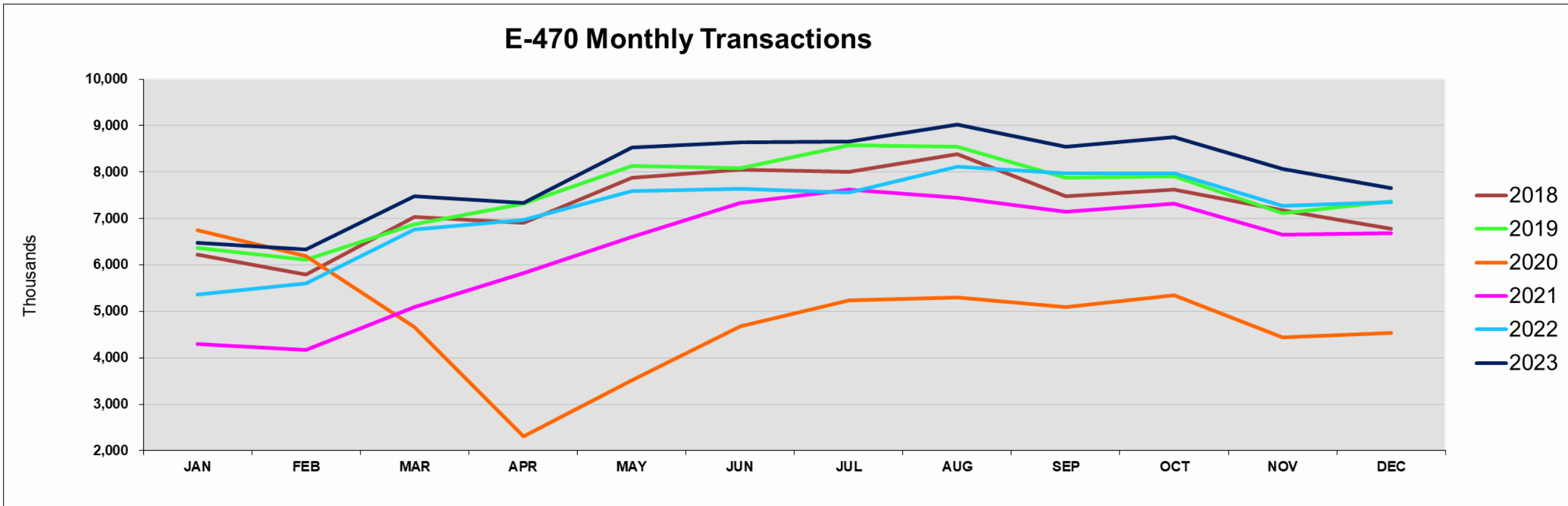
BACKGROUND

- 47-mile all-electronic public toll road
- 1991 – Opened first segment (south)
- 2001 – Launched the Safety Foundation
- 2003 – Opened last segment (north)
- 2009 – Conversion to cashless tolling
- User-financed: **NOT TAX FUNDED**
- \$1.3 billion in outstanding bond debt
- \$100-\$115 million in annual debt payments
- Scheduled to be paid off in **2041**



MONTHLY TRANSACTION TRENDS

Through December 2023



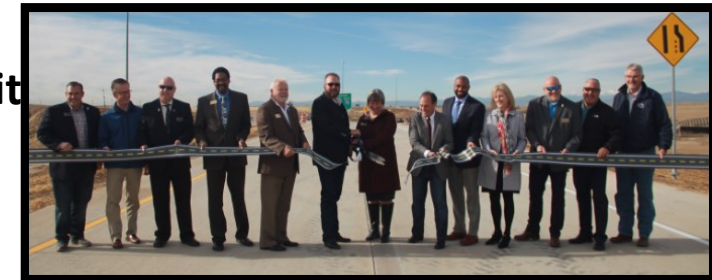
REDUCING TOLLS AND ELIMINATING FEES

- **Toll Rate Reductions and Adjustments**
 - **2023:** Froze ExpressToll and LPT rates
 - **2022:** Reduced ExpressToll and License Plate Toll® (LPT) rates
 - **2020-Present:** Reduced 3+ Axle ExpressToll® rates
 - **2020-2021:** Froze LPT rates
 - **2018-2021 (4 Years):** Froze ExpressToll rates
 - **2018:** Reduced Rate at Toll Plaza C
- **Elimination of Fees**
 - **2018:** Vehicle Registration
 - **2017:** Highway Expansion Fees



REGIONAL PARTNER

- Riverdale Bluffs Trail – **Adams County**
- Sable Interchange – **Brighton and Adams County**
- Quebec Interchange – **City of Thornton**
- Tower Road/Peña Ramp – **Commerce City**
- 120th Avenue Interchange Signals – **Commerce City**
- Quincy Avenue/Gun Club Road Interchange – **Arapahoe County and City of Aurora**
- Future Parker Road Overpass for High Plains Trail – **Arapahoe County**
- Stephen D. Hogan Parkway – **City of Aurora**
- 38th and 48th Avenue Interchange – **City of Aurora**
- Chambers Interchange – **Douglas County**
- Electrical Charging – **RAQC**
- Future Intersection Signals – **Master Plan**



STRATEGIC CAPITAL PROJECT PLANNING

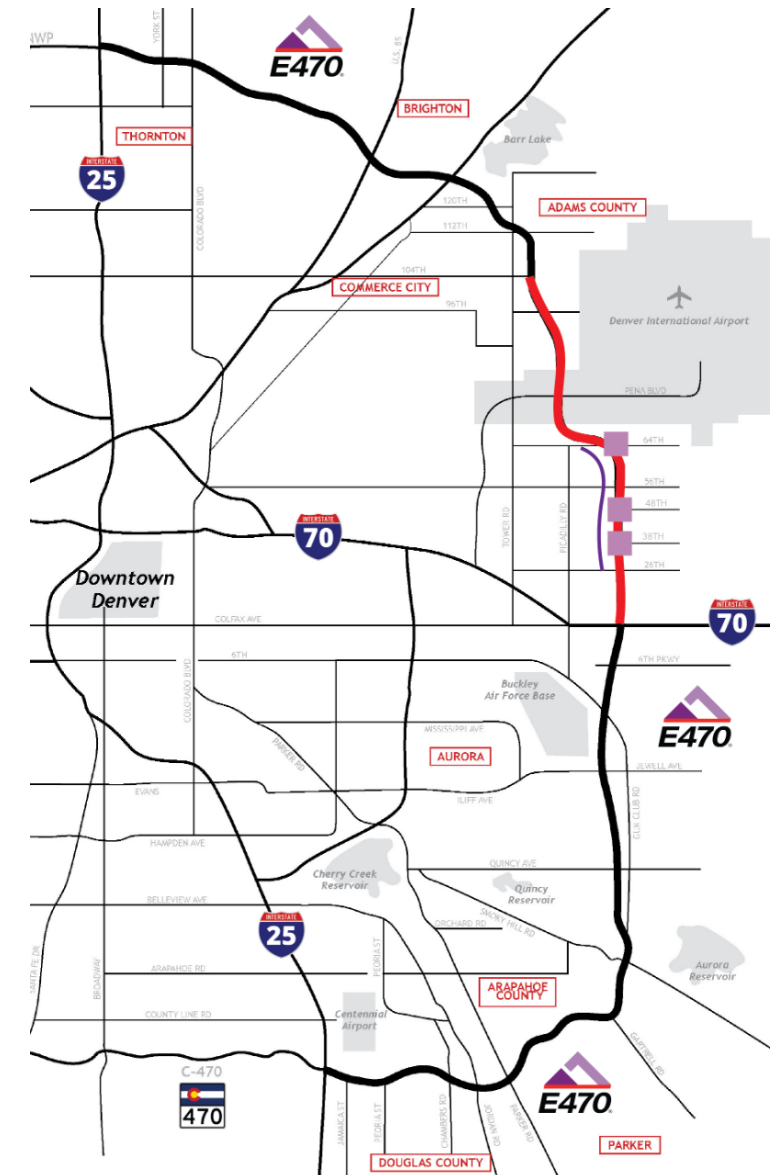
- Self-funded **Capital Plan** 2022-2026 (5 Years) estimated at \$500M
- Reinvests back into the roadway through several improvements:
 - Ongoing Road Widening Project
 - New interchanges to stay ahead of development & growth
 - Trail extensions
 - Technological advances in lane toll system & back office
- E-470's 2020 **Master Plan** identifies more than \$1.5B in capital, infrastructure, and improvements between 2020-2040
 - The Master Plan is scheduled to be updated in 2024
- New Traffic & Revenue Study in 2024 to forecast infrastructure needs based on economic growth along the corridor



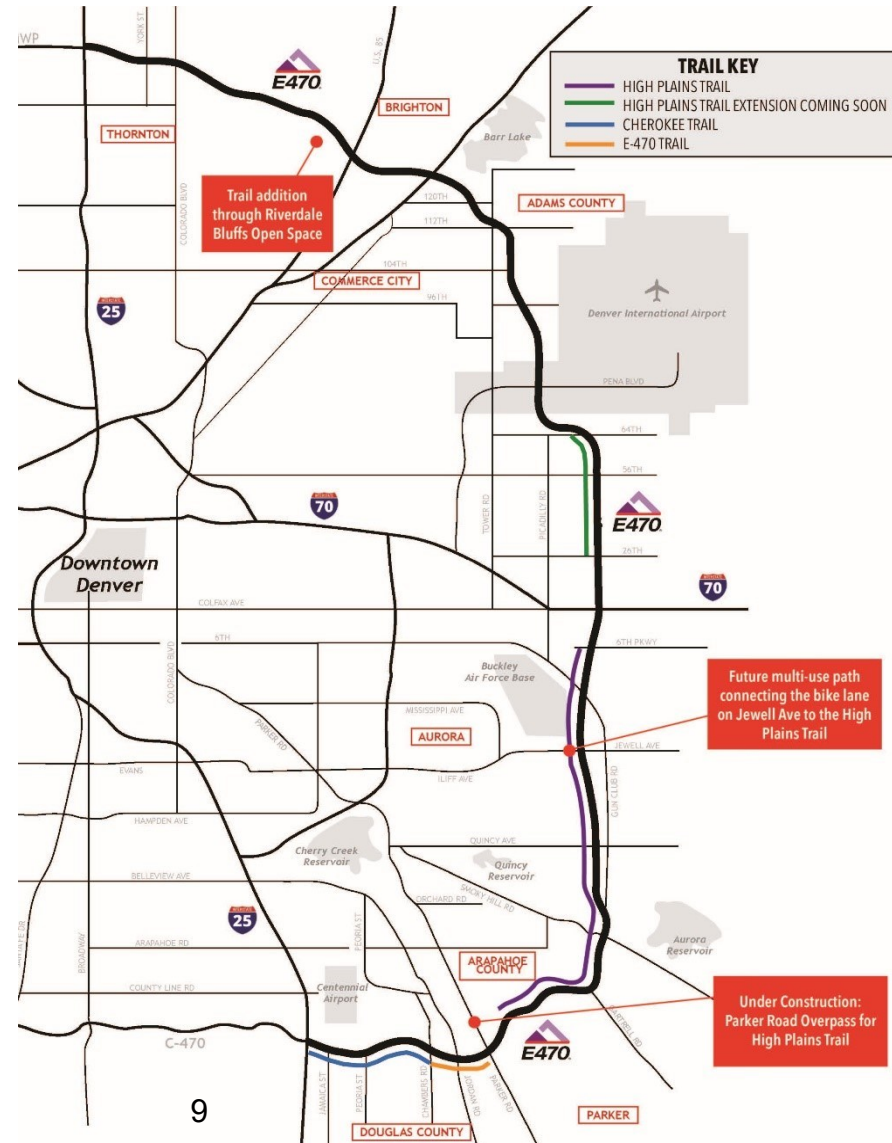
ROADWAY WIDENING & TRAIL EXPANSION PROJECT

CURRENT PHASE: I-70 to 104th Ave (11 miles)

- Construction kicked-off September 2022
- Anticipated to be complete in 2025
- Widening to 3 travel lanes each direction; bridges for ultimate build out of 4 travel lanes
- Other Travel Enhancements:
 - 38th Ave – New Interchange
 - 48th Ave – New Interchange
 - 64th Ave – Expansion
 - Pena Blvd – Expansion
 - High Plains Trail – Expansion
 - 26th to 64th Avenues
 - 88th to 104th Avenues



FROM THE TOLLWAY TO THE TRAILWAY

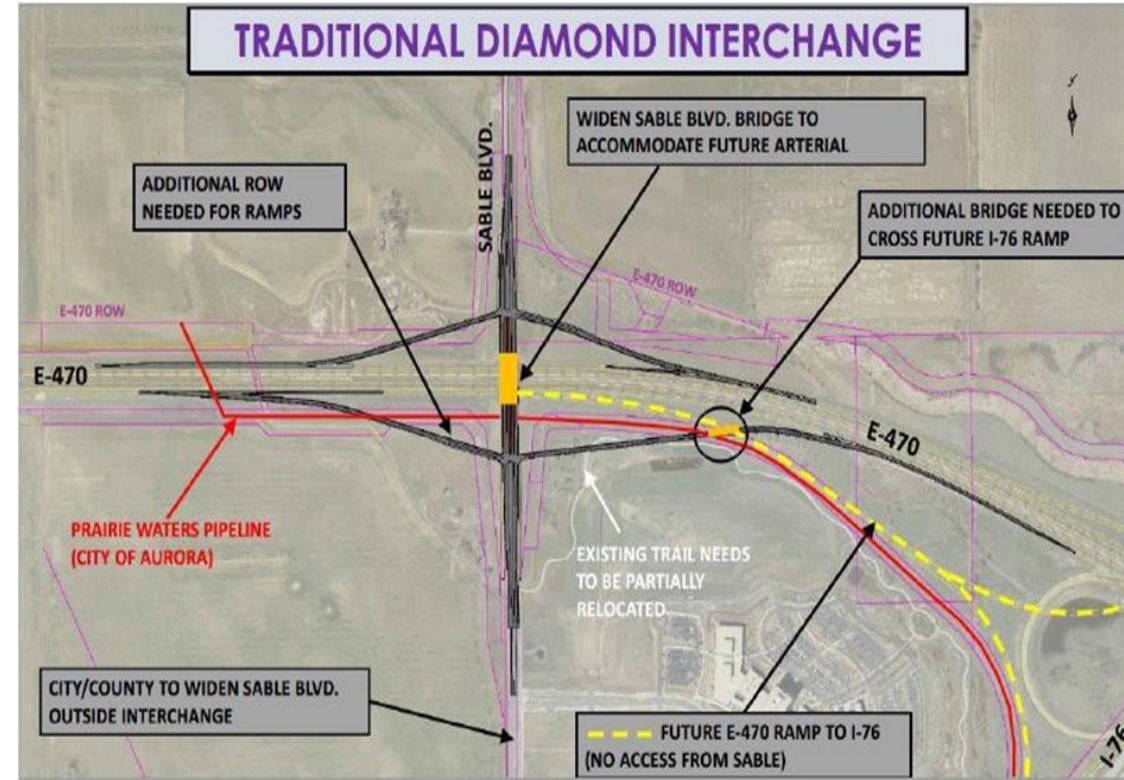


- E-470 has built more than **12.5 miles** of the High Plains Trail
- Trail will be extended **another 6 miles** with latest road widening project
- Goal is to provide better connections for people on foot and on bikes to existing trails in the region including the Cherry Creek, Piney Creek, Happy Canyon, and C-470 Trails
- E-470 plans to continue partnering with its member jurisdictions on other trail projects in the region.



SABLE INTERCHANGE UPDATE

- Anticipated Project Timeline:
 - Design Complete – Q4 2024
 - Construction Begins – Q1 2025
 - Project Complete – Q2 2026
- Working closely with Brighton staff to obtain additional Right of Way needed for project
- Work with Aurora Water to relocate Prairie Waters 60” waterline
- Collaborative IGA with Brighton and Adams County to jointly fund the project has been executed
- The Authority covering 66.6% of cost of new interchange
- Relocated this interchange from Potomac to Sable at Brighton’s request to accommodate future growth



COMMERCIAL VEHICLE SUPPORT

- E-470 named HAZMAT route
 - Effective Spring 2022
 - Created safer routes for neighboring jurisdictions
- Extended 3+ Axle Pilot Program
 - Offering discounts to commercial vehicles on E-470



COMMITMENT TO SAFETY

- Wrong-way driver prevention
- Cable barrier to prevent crossover
- Deer fence installation
- Variable Message Signs
- 50 cameras along 47-mile corridor
- 24/7 Proactive Traffic Management
- Snow Removal
 - **4** maintenance facilities
 - **12** weather stations
 - **280,000 gallons** liquid treatment
 - **9,600 tons** solid deicer
 - **22** snowplows
 - **Snow fencing** to prevent drifting



 **\$70 Million Avoided
Cost of Accidents**



SAFETY MEETS SERVICE *470

- Free 24/7 Roadside Assistance for all motorists
- Services offered free of charge:
 - Flat tire assistance
 - Fuel & fluid refills
 - Jumpstarts
 - Cell phone service
- Other services provided:
 - Debris & hazard material removal
 - Traffic control during incidents
- Roadside Assistance | By the numbers (2022):
 - **9** minute average response time
 - **1** hour average incident clearance
 - **6,000** customer assists
 - **12,000** roadside assistance calls



ENVIRONMENTAL STEWARDS

- **Improving Water Quality**
- The Cherry Creek and Barr Milton Watersheds adjacent to E-470
- E-470 plays a role in keeping those watersheds clean
 - Done through a Non-Standard MS4 Permit extended through 2026
 - E-470 also educates customers about reducing pollutants
 - E-470 utilizes best management practices such as spraying to remove unwanted vegetation to minimize use of herbicides



Supporting Electric Vehicles (EV)

- Upgraded EV charging stations outside ExpressToll Service Center walk-up entrance (2022)
 - Allows four EVs to charge simultaneously vs two
 - Delivers an **80% charge** in approximately **30 minutes**

SOLAR POWERED ROAD

15

**solar
arrays**

11

**years
energy
production**

12

**million total kWh
solar energy
produced**

2

**buildings
with solar
arrays**

13

**ramps with
solar
arrays**



IN THE COMMUNITY



**TRANSPORTATION
SAFETY FOUNDATION**



**THE E-470 GOOD
GUYS TEAM**



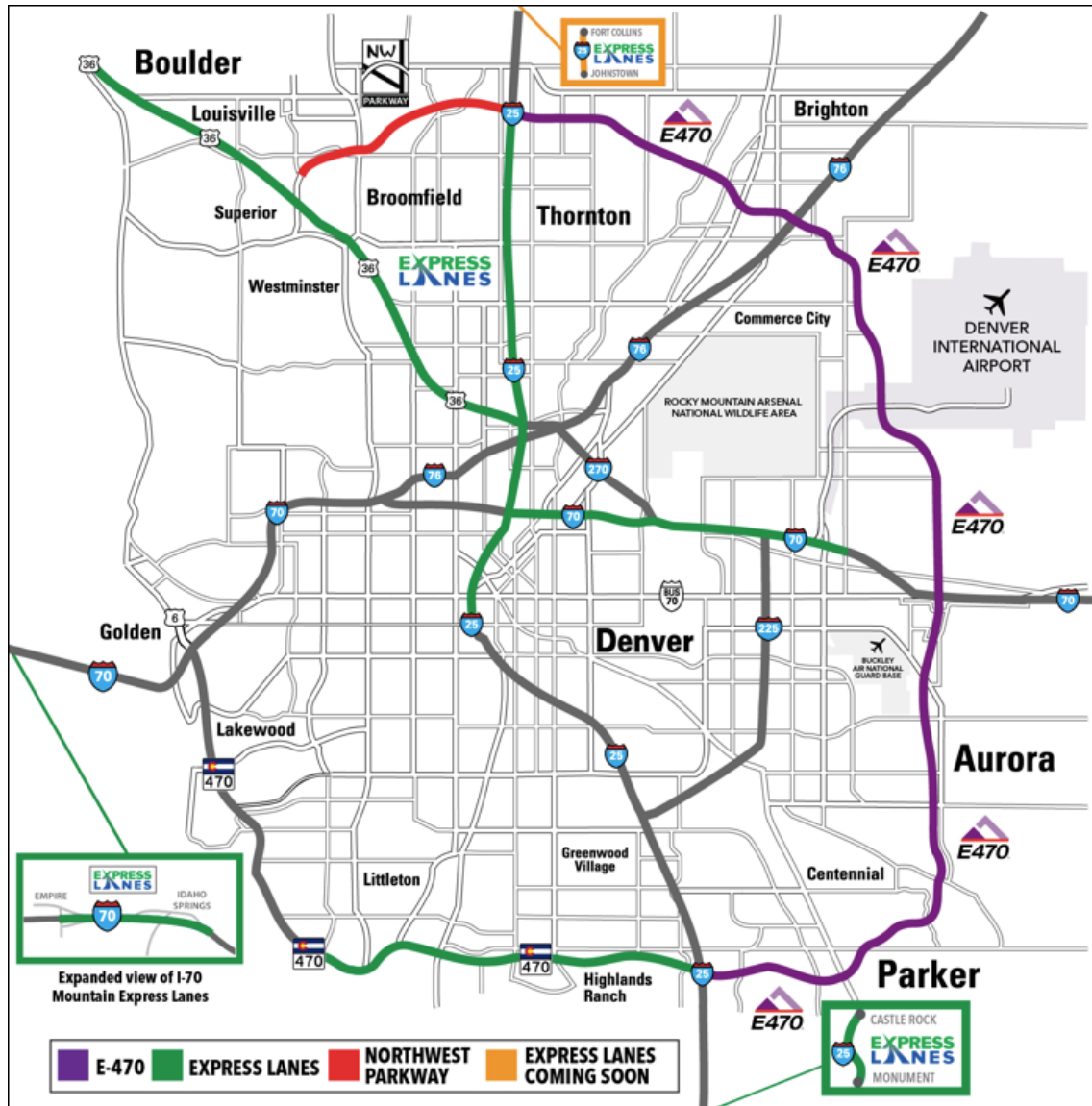
**JURISDICTIONAL
SPONSORSHIPS**



**CONNECTING WITH
OUR PARTNERS**



COLORADO INTEROPERABILITY



COLORADO TOLL FACILITIES

- **Toll Roads:**
 - E-470
 - Northwest Parkway
- **Express Lanes:**
 - C-470
 - US 36
 - I-25 Central Denver
 - I-25 South
 - I-70 Central Denver
 - I-70 Mountain Express Lanes
- **Express Lanes (In progress):**
 - I-25 North



2023 OPERATING STATISTICS



- **Total transactions processed through E-470's back office**

- 153 million transactions
- 15% increase from 2022

- **E-470 Total Transactions**

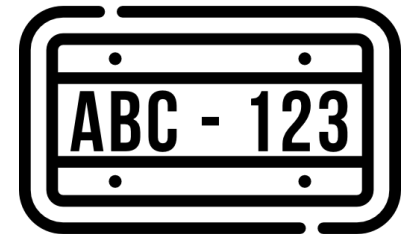
- 95.5 million transactions
- 62.5% of total transactions in CO
- 11% increase from 2022

- **Total Customer Service Calls**

- 982,445 calls serviced
- 12.8% increase from 2022

- **Total License Plate Images Reviewed**

- 79.4 Million images reviewed
- 6.8% increase from 2022



- **ExpressToll Accounts & Transponders**

- 1.3 million ExpressToll accounts
- 2.3 million transponders issued
- 175,000 new accounts opened
- 16% increase from 2022



CUSTOMER SERVICE IS A TOP PRIORITY

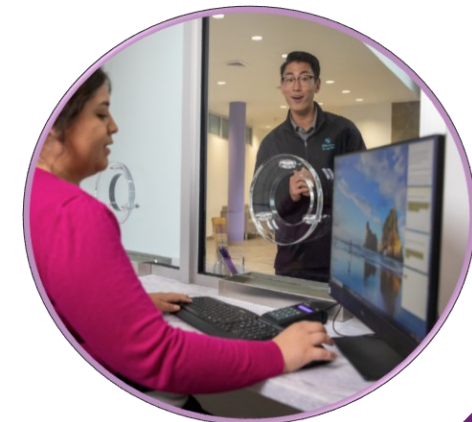
- **ExpressToll Customer Satisfaction**
 - 4.66 Stars out of 5
- **E-470 Road Conditions Satisfaction**
 - 4.61 Stars out of 5
- **Most Important Item to Customers**
 - E-470 kept free of snow
- **#1 Reason Customers Choose E-470**
 - E-470 Saves Time!

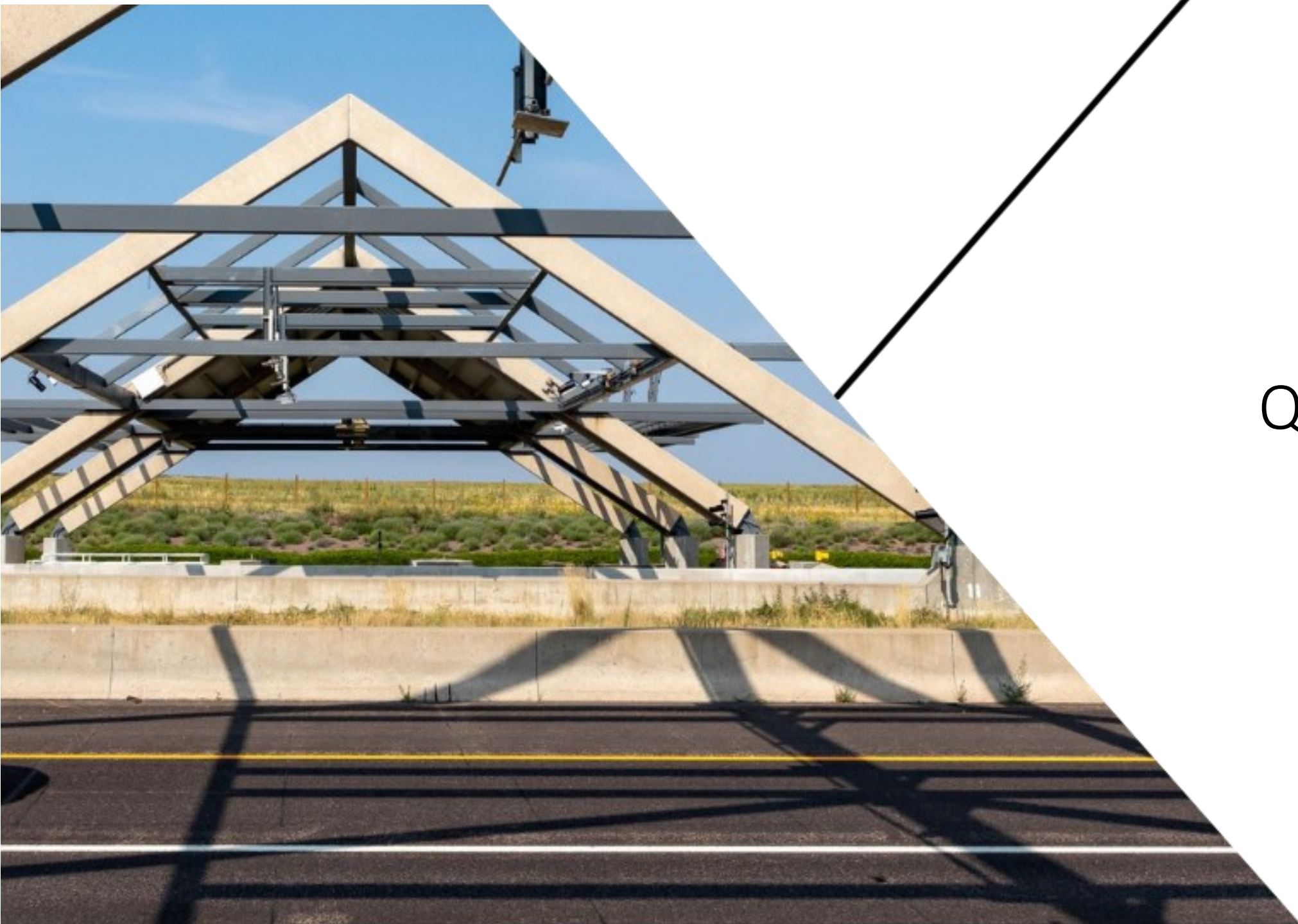


**\$354.5
MILLION
NET VALUE
OF TIME**



**43.2
MILLION
HOURS
SAVED**

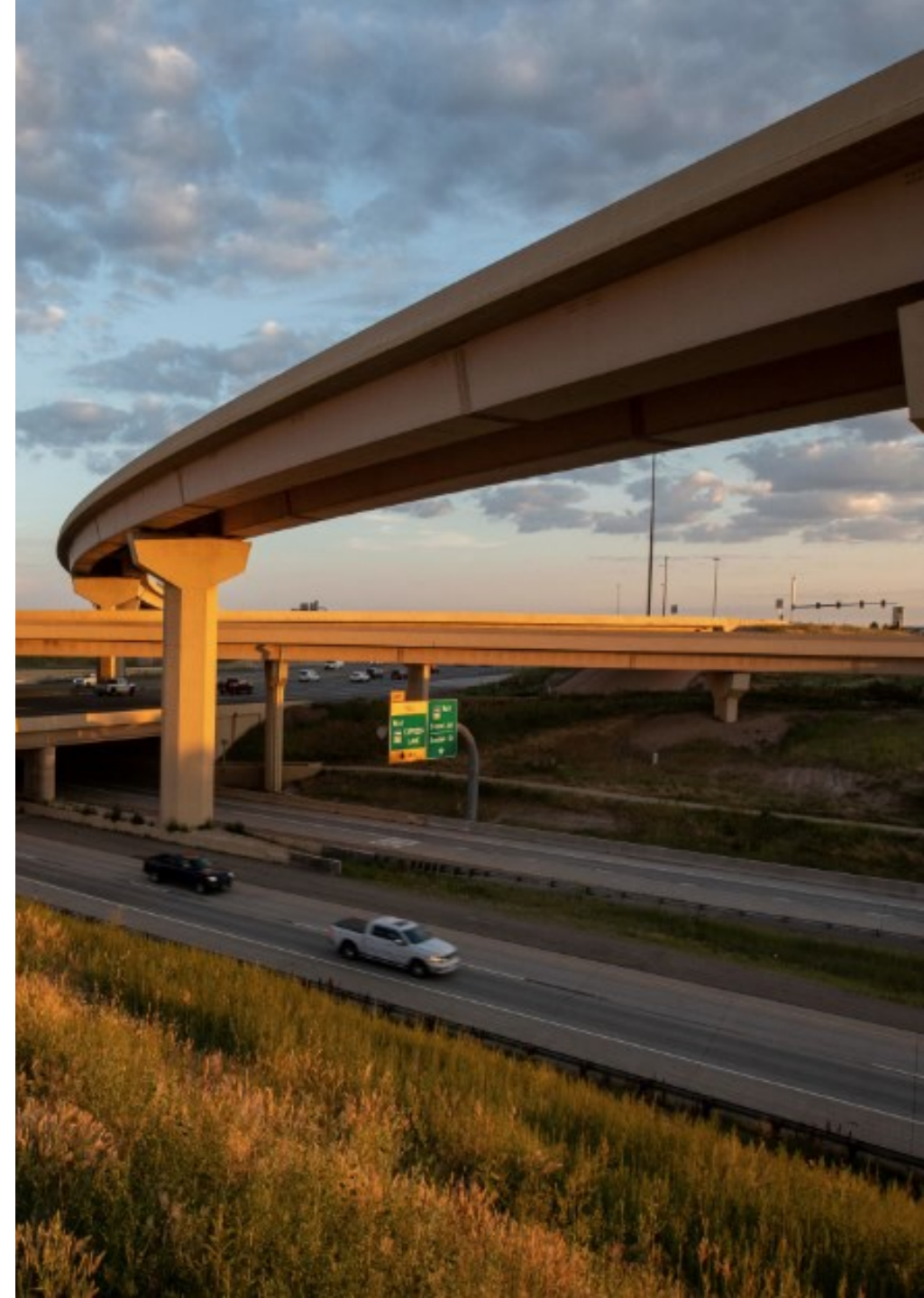


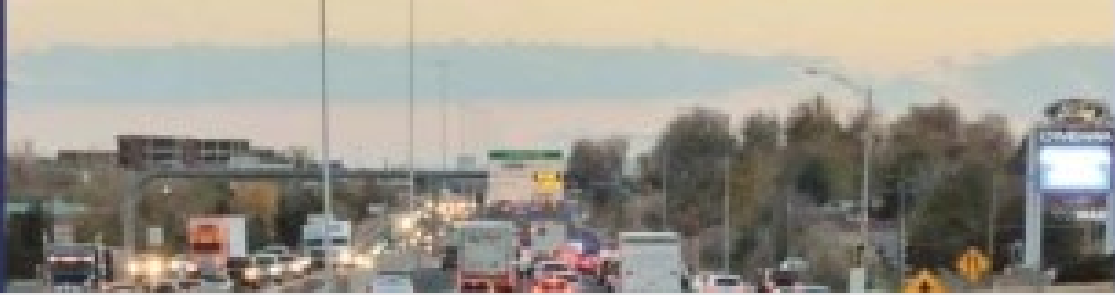


QUESTIONS

CONTACT US

- Neil Thomson
 - E-470 Interim Executive Director
 - (303) 419-3088
 - nthomson@e-470.com
- Jessica Carson
 - E-470 Public Affairs Director
 - (303) 877-7334
 - jcarson@e-470.com



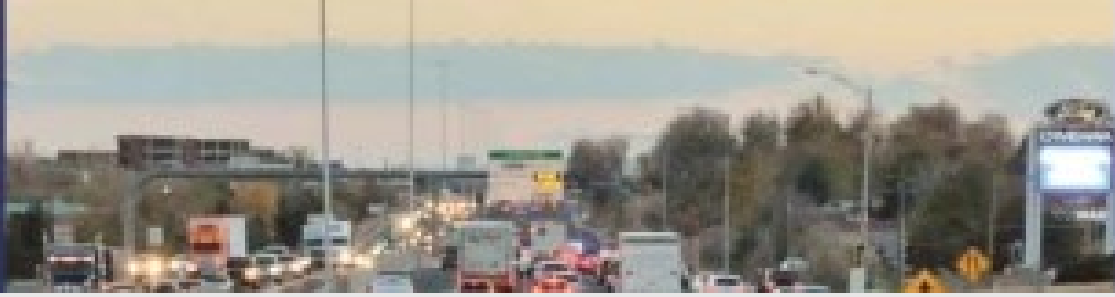


Upcoming Presentations and Discussions



- CML Legislative Update (February and March)
- I-25 Seg. 2 Updated Scope Presentation (Q1 '24)
- RTD N Line Frequency Update (Q1 '24)
- DRCOG RTP Update and NATA Region (Q1/2 '24)
- Front Range Passenger Rail Update
- RTD Partnership Program Update
- RTD Zero Fare for Better Air Report
- NATA Region Projects funded via TIP Calls
- NATA Letter of Support Status Update

- Others? Contact me!



2024 Schedule



- **January 25**
- **February 22**
- **March 28**
- **April 25 (Potential Retreat)**
- **May 23 (Potential Retreat)**
- **June 27**
- **July 25**
- **August 22**
- **September 26**
- **October 24**
- **November- no NATA meeting**
- **December 12 (2nd Thursday)**