

**AGENDA
TRANSPORTATION ADVISORY COMMITTEE**

Monday, July 24, 2023 1:30 p.m.

1st Floor Aspen & Birch Conference Room

***In-Person Meeting with Virtual Option for Public (via Zoom)**

1. Call to Order
2. Public Comment
3. June 26, 2023 TAC Meeting Summary
(Attachment A)

ACTION ITEM

4. FY 2024-2025 Unified Planning Work Program (UPWP) for the Denver Region
(Attachment B) Josh Schwenk, Planner
5. FY 2024-2025 Transportation Demand Management (TDM) Transportation Improvement Program (TIP) Set-Aside Program Funding Recommendations
(Attachment C) Nisha Mokshagundam, Way to Go Manager, Communications and Marketing
6. FY 2024-2027 Transportation Improvement Program (TIP)
(Attachment D) Todd Cottrell, Project and Program Delivery Manager

INFORMATIONAL BRIEFINGS

7. Front Range Passenger Rail District Overview
(Attachment E) Jacob Riger, Manager, Multimodal Transportation Planning

INFORMATIONAL ITEM

8. PROTECT Grant Update Informational Forms
(Attachment F) Ron Papsdorf, Director, Transportation Planning & Operations

ADMINISTRATIVE ITEMS

9. Member Comment/Other Matters
 - AMP Working Group Update
10. Next Meeting – August 28, 2023
11. Adjournment

ATTACH A

ATTACHMENT A
MEETING SUMMARY
TRANSPORTATION ADVISORY COMMITTEE WORK SESSION
Monday, June 26, 2023
***In-Person Meeting with Virtual Option for Public (via Zoom)**

MEMBERS (OR VOTING ALTERNATES) PRESENT:

Shawn Poe	Adams County – City of Commerce City
Kent Moorman	Adams County – City of Thornton
Chris Chovan	Adams County
Bryan Weimer	Arapahoe County
Jeff Dankenbring	Arapahoe County – City of Centennial
Alex Hyde-Wright	Boulder County
Phil Greenwald (Vice Chair)	Boulder County – City of Longmont
Jean Sanson	Boulder, City & County
Sarah Grant (Chair)	Broomfield, City & County
David Gaspers	Denver, City & County
Jennifer Bartlett (Alternate)	Denver, City & County
Jennifer Hillhouse	Denver, City & County
Art Griffith	Douglas County
Justin Schmitz	Douglas County – City of Lone Tree
Larry Nimmo (Alternate)	Douglas County – City of Castle Pines
Mike Whitaker	Jefferson County – City of Lakewood
Maria D’Andrea	Jefferson County – City of Wheat Ridge
Christina Lane	Jefferson County
Brodie Ayers	Aviation Special Interest Seat
Rick Pilgrim	Environment Special Interest Seat
Wally Weart	Freight Special Interest Seat
Jeffrey Boyd	Housing Special Interest Seat
Rachel Hultin	Non-Motorized Special Interest Seat
Hilary Simmons	Older Adults Special Interest Seat
Carson Priest	Transp. Demand Mgmt. Special Interest Seat
Jessica Myklebust	CDOT R1
Jim Eussen	CDOT R4
Marissa Gaughan (Alternate)	CDOT DTD
Ron Papsdorf	DRCOG
Frank Bruno	Via Mobility
Chris Quinn (Alternate)	RTD

ALTERNATES (OR MEMBERS ATTENDING VIRTUALLY) PRESENT:

Matt Williams (Alternate)	Douglas County
John Firouzi (Alternate)	Jefferson County – City of Arvada
Mac Callison (Alternate)	Arapahoe County – City of Aurora
James Katzer (Alternate)	Arapahoe County
Lisa Nguyen (Alternate)	Aviation Special Interest Seat
Karie Erickson (Alternate)	Older Adults Special Interest Seat

Transportation Advisory Committee

June 26, 2023

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Dawn Sluder (Alternate)	Lakewood Rides
Jordan Rudel (Alternate)	CDOT R1
Doug Rex (Alternate)	DRCOG
Jonathan Webster (Alternate)	Denver, City & County
Kellee Van Bruggen (Alternate)	Adams County – City of Arvada
Christopher Montoya (Alternate)	Adams County – City of Brighton
Michelle Melonakis (Alternate)	Boulder County – City of Lafayette
Tom Moore	RAQC
Mike Vanatta (Alternate)	Jefferson County
Tom Reiff (Alternate)	Douglas County – City of Castle Rock

Public: Josie Thomas, Jenni Kerns, Steven Sherman, Mike Vanatta, Allison Cutting, Classic Wagner, JoAnn Mattson, Bridget Hart, Hannah Polow, Deanna McIntosh, Zeke Lynch, Ted Heyd, Jen Lambrick

DRCOG staff: Josh Schwenk, Cam Kennedy, Robert Spotts, Emily Kleinfelter, Steve Cook, Ala Alnawaiseh, Erik Braaten, Sang Gu Lee, Nora Kern, Emily Lindsey, Kalie Fallon, Andy Taylor, Cole Neder, Alvan-Bidal Sanchez Jacob Riger, Max Monk, Brad Williams, Aaron Villere

Call to Order

Chair Sarah Grant called the meeting to order at 1:31 p.m.

Public Comment

No public comment was provided.

May 22, 2023 TAC Meeting Summary

The summary was accepted.

INFORMATIONAL BRIEFING

DRCOG and Transportation Advisory Committee (TAC) Orientation

Jacob Riger, Manager, Multimodal Transportation Planning, provided an orientation about DRCOG and its metropolitan planning organization role. He also presented on the roles and responsibilities of the TAC and how it assists the Board of Directors and the Regional Transportation Committee (RTC) by reviewing the work of the transportation planning process, advising on methods of planning and implementation, and working with staff to develop policy options and, as appropriate, recommendations to the RTC.

ACTION ITEM

FY 2022-2023 Unified Planning Work Program (UPWP) Amendment

Andy Taylor, Regional Planning and Analytics Manager discussed that amendments to the UPWP are periodically necessary to adjust work to be performed to comply with changes to federal law or adjust to unanticipated planning needs or new priorities. This

amendment includes the addition of an activity for coordinating planning for housing and transportation in alignment with language added by Congress through the Bipartisan Infrastructure Law to the section of the United States Code that governs Metropolitan Planning Organizations in order to address a regional planning priority.

Mr. Rick Pilgrim MOVED to recommend to the Regional Transportation Committee the attached project amendments to the *2022-2025 Transportation Improvement Program* (TIP) the motion was seconded.

Mr. Bryan Weimer proposed to amend the second bullet point to differentiate responsibilities between state and local jurisdictions. Mr. Pilgrim and the second accepted the proposed amendment as a friendly amendment. Mr. Kent Moorman proposed to amend the fourth bullet point, to rephrase and simplify the discussion of the economic development strategies in the regional transportation planning process and the integration of housing, transportation, and land use. Mr. Pilgrim and the second accepted the proposed amendment as a friendly amendment.

The amended motion passed unanimously.

INFORMATIONAL BRIEFINGS

FY 2024-2027 Transportation Improvement Program Corridor Planning Set-Aside Update

Nora Kern, Subarea and Project Planning Program Manager stated that through this program, DRCOG leads planning efforts on significant regional corridors identified in the Regional Transportation Plan (RTP) to help advance improvements to expand transportation options, improve safety, improve regional mobility, and expand regional transit. The corridor planning program will be continued as a Transportation Improvement Program (TIP) set-aside in the upcoming FY 2024-2027 TIP. \$3,000,000 is available for corridor planning over the four years of the TIP. These funds will be divided between two two-year selection rounds.

Mr. John Firouzi inquired about the factor “Lack of Previous Planning Work” and Ms. Kern replied that the term refers to whether a major corridor study, PEL or NEPA study has been completed on the corridor in the last five to ten years. Mr. Riger added that the program is intended to prioritize corridors that haven't yet otherwise received attention and funding for planning and project development work.

Mr. Justin Schmitz inquired about the regional impact factor. Ms. Kern replied that this factor looked at the importance of the corridor to regional travel, connections to major employment centers, and importance of the corridor for transit. Mr. Riger added that because this program only looks at corridors in the RTP, all of which are on the regional roadway system, they are all major corridors by definition.

Ms. Jessica Myklebust inquired about if a jurisdiction can still apply even if the plan is currently shown as a low priority or on the excluded list and asked for confirmation that a corridor could be increased to a higher priority if solid rationale is provided within an application. Ms. Kern confirmed that is the case and the current list was prioritized by need, but the information gathered was based on the information DRCOG staff has currently. If there are major developments or data that staff did not have during their assessment, then local jurisdictions are encouraged to submit a letter of interest explaining the urgent planning need.

Mr. Wally Weart stated that with many corridors congested, it is critical to remember goods and services since local stores need to be able to receive their shipments of products to operate. Ms. Kern agreed and stated that is a great example of local knowledge of an issue that is a crucial piece of data that staff does not always have access to. Knowing where congestion from freight is located and how that could be mitigated would be worth stating in a letter of interest for a corridor.

Chair Grant asked about the excluded list. Ms. Kern stated if a corridor is on the excluded list because planning work has already advanced, a community is still welcome to apply and explain why additional planning is needed. However, staff would encourage those jurisdictions interested in trails or limited access roads to look at other programs for funding since this program is focused on multimodal arterial corridors.

FY 2023 Safe Streets and Roads for All (SS4A) Update

Emily Kleinfelter, Safety/Regional Vision Zero Planner, stated that the SS4A program is authorized at \$1 billion in competitive grants per year through FY 2026. There is no statutory minimum or maximum but expected award sizes in FY 2023 are between \$100,000 and \$25 million depending on the project scope. Federal cost-sharing for planning grants is 80 percent; applicants must provide the remaining 20 percent using non-federal funds. An information form was distributed to all local governments and partner agencies and a total of six forms were received from the following jurisdictions – Town of Lyons, Boulder County, City of Boulder, City of Denver, City of Louisville, and DRCOG itself with an estimated total funding request of almost \$60 million dollars spread out across the region.

ADMINISTRATIVE ITEMS

Member Comment/Other Matters

- AMP Working Group update

Mr. Carson Priest reported that earlier this month, the AMP held a joint meeting with the Micromobility Work Group which discussed e-bike incentives and ideas for how to help micromobility across the state.

Ms. Rachel Hultin stated that Bicycle Colorado is currently working with the League of American Bicyclists and People for Bikes to launch an online e-bike education program. In addition, the Bicycle Colorado SHIFT Driving program is preparing to launch and this

program will help provide free online education on what is legal and what is best for how to use the road for all users.

Ms. Christina Lane discussed that Jefferson County is officially underway with its Transportation and Mobility Plan Update and engagement will begin during the start of July and continue through the summer.

Mr. Jacob Riger took the opportunity to remind everyone that Bike to Work Day will take place this upcoming Wednesday and encouraged all to participate. Lastly, Mr. Riger expressed his appreciation to DRCOG staff for the planning, coordinating, and implementing that went into ensuring the TAC luncheon and the subsequent meeting were successful. Additionally, Mr. Riger once again welcomed the new TAC members and alternates and stated his enthusiasm for working with them in the months and years ahead. Chair Grant echoed Mr. Riger's sentiments.

Next Meeting – July 24, 2023

Adjournment

There were no additional comments and the meeting adjourned at 3:12 p.m.

ATTACH B

ATTACHMENT B

To: Chair and Members of the Transportation Advisory Committee

From: Josh Schwenk, Planner, Transportation Planning and Operations Division
303-480-6771 or jschwenk@drcog.org

Meeting Date	Agenda Category	Agenda Item #
July 24, 2023	Action	4

SUBJECT

FY 2024-2025 Unified Planning Work Program (UPWP) for the Denver Region

PROPOSED ACTION/RECOMMENDATIONS

Recommend to the Regional Transportation Committee the draft *FY 2024-2025 Unified Planning Work Program for the Denver Region*.

ACTION BY OTHERS

N/A

SUMMARY

The Unified Planning Work Program (UPWP) details DRCOG's metropolitan planning organization (MPO) activities. It documents the metropolitan planning activities and tasks to be conducted within the region with federal transportation planning funds over a two-year period. The UPWP also lists other major planning activities performed through other funding sources, including activities by local governments and partner agencies.

The new FY 2024-2025 UPWP outlines activities to be conducted from October 1, 2023, through September 30, 2025, and was prepared with input from CDOT, RTD, and local government staff. It represents over \$18 million in planned expenditures over more than 120 deliverables.

Some key priorities over the next two years include:

- Updating or amending existing major plans, including the Title VI Implementation Plan, Limited English Proficiency Plan, Americans with Disabilities Act Program Access Plan, Public Engagement Plan, Regional Active Transportation Plan, Regional Multimodal Freight Plan, and Taking Action on Regional Vision Zero
- Developing and adopting new plans and programs, including the FY 2026-2027 UPWP, Climate Action Plans, Regional TDM Strategic Plan, and the FY 2026-2029 Transportation Improvement Program
- Begin updates to major plans and programs, including Metro Vision, the Regional Transportation Plan, and the FY 2028-2031 Transportation Improvement Program
- Assisting with implementation activities in areas such as greenhouse gas mitigation, housing and transportation coordination, corridor planning, community-based planning, small-area planning, innovative mobility, and regional bus rapid transit planning and implementation

PREVIOUS DISCUSSIONS/ACTIONS

[January 23, 2023](#) – TAC Meeting

PROPOSED MOTION

Move to recommend to the Regional Transportation Committee the draft *FY 2024-2025 Unified Planning Work Program for the Denver Region*.

ATTACHMENTS

1. Staff presentation
2. [Public Comment Draft: FY 2024-2025 Unified Planning Work Program for the Denver Region](#)
 - **The Action Draft will be provided following the conclusion of the public comment period on July 19**
3. Errata sheet outlining changes to the public hearing draft
 - **Provided following the conclusion of the public comment period on July 19**
4. Public comment summary
 - **Provided following the conclusion of the public comment period on July 19**

ADDITIONAL INFORMATION

If you need additional information, please contact Josh Schwenk, Planner, at 303-480-6701 or jschwenk@drcog.org; or Todd Cottrell, Programming and Project Delivery Program Manager at 303-480-6737 or tcottrell@drcog.org.

FY 2024-2025 UNIFIED PLANNING WORK PROGRAM (UPWP)

Transportation Advisory Committee

July 24, 2023

Josh Schwenk, Planner, Transportation Planning & Operations

WHAT IS THE UPWP?



- Describes the proposed multimodal transportation planning activities to be conducted in the Denver region during FY 2024 and FY 2025 (October 1, 2023, through September 30, 2025)
- Documents the use of Federal Highway Administration (FHWA) and Federal Transit Administration (FTA) metropolitan planning funds in the region
- Management tool for scheduling, budgeting and monitoring the planning activities of DRCOG and partner agencies

CONTEXT OF UPWP DEVELOPMENT



- Federally-directed activities and tasks
 - Regional Transportation Plan
 - Transportation Improvement Program
 - Congestion Management Process
 - Federal Transportation Performance Measures
 - Air quality conformity modeling
- Federal transportation planning factors and planning emphasis areas
- Metro Vision and Regional Transportation Plan along with input from TAC, RTC, Board, etc.

FEDERAL PLANNING FACTORS



Ten planning factors set in federal regulations that must be considered by every metropolitan planning organization (MPO):

- Support the **economic vitality** of the metropolitan area, especially by enabling global competitiveness, productivity, and efficiency
- Increase the **safety** of the transportation system for motorized and non-motorized users
- Increase the **security** of the transportation system for motorized and non-motorized users
- Increase **accessibility and mobility** of people and freight
- Protect and enhance the **environment**, promote energy conservation, improve the quality of life, and promote consistency between transportation improvements and State and local planned growth and economic development patterns
- Enhance the **integration and connectivity** of the transportation system, across and between modes, for people and freight
- Promote efficient **system management and operation**
- Emphasize the **preservation** of the existing transportation system
- Improve the **resiliency and reliability** of the transportation system and reduce or mitigate stormwater impacts of surface transportation
- Enhance **travel and tourism**

FEDERAL PLANNING EMPHASIS AREAS



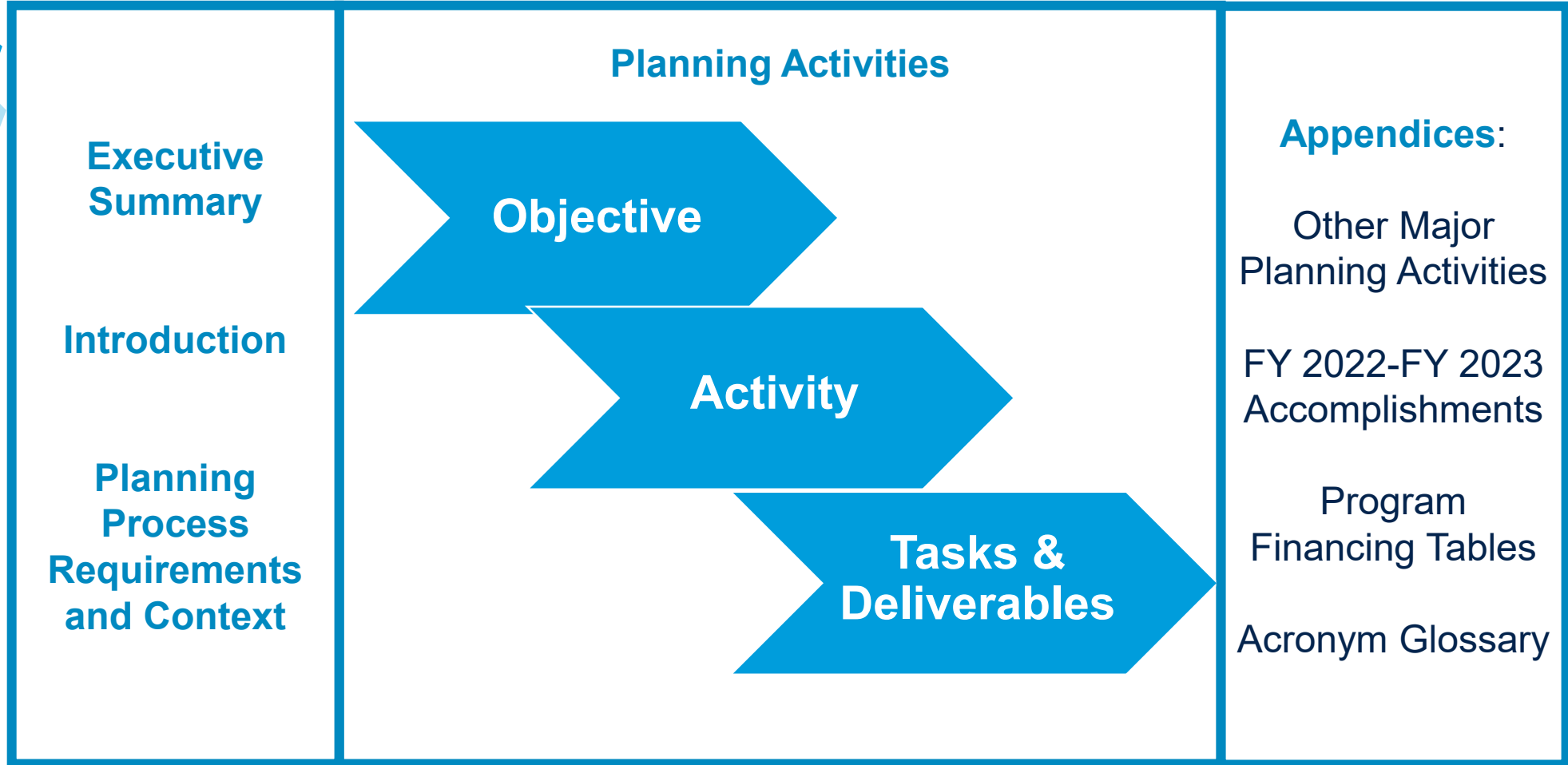
Eight current planning emphasis areas determined by FHWA and FTA that must also be considered by MPOs:

- Tackling the **Climate Crisis** – Transition to a Clean Energy, Resilient Future
- **Equity** and Justice40 in Transportation Planning
- **Complete Streets**
- **Public Involvement**
- **Strategic Highway Network** (STRAHNET)/U.S. Department of Defense (DOD) Coordination
- **Federal Land Management Agency** (FLMA) Coordination
- **Planning and Environmental Linkages** (PEL)
- **Data** in Transportation Planning



OVERVIEW OF THE FY 2024-2025 UPWP

FY 2024-2025 UPWP DOCUMENT STRUCTURE



FY 2024-2025 PLANNING ACTIVITIES



Nine Objectives:

- Objective 1.0 – **Program Administration and Coordination** - Administer the core MPO planning program
- Objective 2.0 – **Planning Coordination and Outreach** - Involve the public, local governments and stakeholders, and our regional partners
- Objective 3.0 – **Land Use and Development Planning** – Develop and administer Metro Vision and land use, growth, and development planning
- Objective 4.0 – **Multimodal Planning** – Develop and administer the RTP and the various modal plans

FY 2024-2025 PLANNING ACTIVITIES (CONTINUED)



- Objective 5.0 – **Air Quality** – Conduct federal air quality conformity and air quality planning
- Objective 6.0 – **Project Programming** – Develop and administer the TIP
- Objective 7.0 – **Transportation Systems Operations and Safety**
Improve the safety and efficiency of the transportation system
- Objective 8.0 – **Public Transportation Planning** - Plan for transit in the region
- Objective 9.0 – **Planning Data and Modeling** - Acquire and maintain data and tools

FY 2024-2025 UPWP HIGHLIGHTS



Updated/amended **existing** plans:

- Title VI Implementation Plan
- Limited English Proficiency Plan
- ADA Program Access Plan
- Public Engagement Plan
- Regional Active Transportation Plan
- Regional Multimodal Freight Plan
- Taking Action on Regional Vision Zero

Developing **new** plans:

- FY 2026-2027 UPWP
- Climate Action Plans
- Regional TDM Strategic Plan
- FY 2026-2029 TIP

Begin major plan updates:

- Metro Vision
- RTP
- FY 2028-2031 TIP

Implementation assistance:

- GHG mitigation plan implementation assistance
- Housing and transportation coordination
- Corridor planning
- Community-based planning
- Small-area planning
- Innovative mobility
- Regional BRT program

PROPOSED MOTION



Move to recommend to the Regional Transportation Committee the draft *FY 2024-FY 2025 Unified Planning Work Program for the Denver Region*.



THANK YOU!
QUESTIONS?

Josh Schwen
Planner, Transportation Planning & Operations
303-480-6771 or jschwenk@drcog.org

ATTACH C

ATTACHMENT C

To: Chair and Members of the Transportation Advisory Committee

From: Nisha Mokshagundam, Way to Go Manager
303-480-6777 or nmokshagundam@drcog.org

Meeting Date	Agenda Category	Agenda Item #
July 24, 2023	Action	5

SUBJECT

FY 2024-2025 Transportation Demand Management (TDM) Transportation Improvement Program (TIP) set-aside program project awards.

PROPOSED ACTION/RECOMMENDATIONS

Staff recommends approval of the funding allocations proposed by the TDM set-aside Project Review Panel.

ACTION BY OTHERS

N/A

SUMMARY

The [Policies for TIP Program Development](#) (January 2022) included a \$2 million allocation for the FY 2024-2027 Transportation Improvement Program TDM set-aside program over the four-year period. The FY 2024-2025 call for projects was for \$1,000,000. The purpose of the TDM set-aside program is to support marketing, outreach and research projects that reduce traffic congestion and improve air quality.

In April 2023, after conducting a workshop for potential applicants, DRCOG issued a call for letters of intent, followed by a call for applications which were due June 2, 2023. A total of 12 final applications were submitted for consideration (Attachment 2), with a total request for federal funding of \$1,321,375.

Staff convened a review panel consisting of three internal and four external participants who first submitted project scores based on approved criteria, then met to review and discuss each project. Separately, DRCOG technical staff scored projects based on data-driven elements. The panel convened once on June 29, 2023 to review and discuss panel scores. Based on the panel discussion, committee members were allowed to change and resubmit adjusted scores on Wednesday, July 6. The following week, a final ranking and funding recommendation was put forth.

The review panel recommends the following projects for funding, and that the seventh ranked project be placed on a waiting list:

Project Sponsor	Project Title	Recommended Award
Denver Streets Partnership	East Colfax Mobility Benefits District	\$165,644
Downtown Denver Partnership	Downtown Denver Viva! Streets Year Two Expansion	\$231,225

West Corridor	Welcome Kits for Sun Valley Residents	\$140,743
Smart Commute	Using Data to Optimize FlexRide Services	\$207,380
Boulder Chamber – BTC	Gunbarrel On-Demand Microtransit Shuttle Service	\$124,185
Northeast Transportation Connections	Creating the Commerce City Connector	\$125,841
Recommendation Total		\$995,018
Planning Funding Available		\$1,000,000

Wait List:

Transportation Solutions	Station Outreach for Transit Recovery	\$140,743
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Not Recommended:

Community Cycles	MODEshift (Mobile Outreach and Diagnostics for E-Bikes)	\$74,511
Boulder Valley School District	Student Modeshare Study	\$40,000
Denver South	SPIN Micromobility Expansion	\$16,558
Denver South	Parking Inventory Research	\$41,395
City of Arvada	Bicycle Training Facility Upgrades	\$13,150

If approved by TAC, next steps include approvals by Regional Transportation Committee (RTC) and the DRCOG Board.

PREVIOUS DISCUSSIONS/ACTIONS

[February 27, 2023](#) - TAC recommended approval of the eligibility rules and process.

PROPOSED MOTION

Move to recommend to the Regional Transportation Committee the project awards through the FY 2024-2025 TDM Services TIP Set-Aside program, and that the seventh ranked project be placed on the waiting list.

ATTACHMENTS

1. Staff presentation
2. List of all project submissions

ADDITIONAL INFORMATION

If you need additional information, please contact Nisha Mokshagundam, Way to Go Manager, (303) 480-6777 or nmokshagundam@drcog.org.

FY 2024-2025 TRANSPORTATION DEMAND MANAGEMENT SERVICES SET-ASIDE

FUNDING RECOMMENDATIONS

Nisha Mokshagundam

Transportation Advisory Committee

July 24, 2023

Nisha Mokshagundam

Way to Go Manager

Denver Regional Council of Governments

nmokshagundam@drcog.org

Purpose: to support marketing, outreach and research projects that reduce single-occupant vehicle travel

Program goals

- Reduce traffic congestion
- Improve air quality
- Pilot new approaches to transportation demand management
- Support healthy and active choices
- Improve awareness and access to mobility options for people of all ages, incomes and abilities

Funding available FY 2024-2025 call

- \$1,000,000 from 2-year set-aside

Approved criteria and process

- Review panel scored on criteria focused on vehicle miles of travel reduction, innovativeness and replicability
- Staff scored on data-driven elements such as DRCOG urban centers, environmental justice areas and short-trip opportunity zones
- Review panel convened to discuss, rank and recommend projects

Review panel included internal and external stakeholders

- **DRCOG**

- Communications and Marketing, Way to Go Manager
- Communications and Marketing, Research and Program Evaluation
- Transportation Planning and Operations, Emerging Mobility and TDM Planner

- **External panelists**

- Colorado Department of Transportation
- Regional Air Quality Council
- Colorado Department of Public Health and Environment
- Regional Transportation District

Application timeline

- **April 12, 2023:** DRCOG hosts application workshop
- **April 27, 2023:** Letters of Intent due
- **June 2, 2023:** applications due and, if required, Letters of Concurrence due from CDOT or RTD
- **June 5-19, 2023:** panel scoring
- **June 29, 2023:** panel discussion and recommendations

Received 12 applications

Total federal request: \$1,321,375



RECOMMENDED PROJECTS



Review panelists recommend funding for six proposed projects

Project sponsor	Project title	Recommended award
Denver Streets Partnership	East Colfax Mobility Benefits District	\$165,644
Downtown Denver Partnership	Viva! Streets Year Two Expansion	\$231,225
West Corridor	Welcome Kits for Sun Valley Residents	\$140,743

RECOMMENDED PROJECTS (CONT.)

Project sponsor	Project title	Recommended award
Smart Commute	Using Data to Optimize FlexRide Services	\$207,380
Boulder Chamber – BTC	Gunbarrel On-Demand Microtransit Shuttle Service Research and Marketing	\$124,185
Northeast Transportation Connections	Creating the Commerce City Connector Marketing and Outreach	\$125,841
Recommendation total		\$995,018
Funding available		\$1,000,000

Move to recommend to the Regional Transportation Committee the project awards through the FY 2024-2025 TDM Services TIP Set-Aside program, and that the seventh ranked project be placed on the waiting list.



THANK YOU!
QUESTIONS?

Nisha Mokshagundam
nmokshagundam@drcog.org

Steve Erickson
serickson@drcog.org

FY 2024-2025 TDM Set-Aside Program – Project Summaries

Project Sponsor	Project Title	Project Overview
Denver Streets Partnership	East Colfax Mobility Benefits District	Denver Streets Partnership proposes exploring the development of a Mobility Benefits District along East Colfax with a goal of creating a coordinated approach to managing on- and off-streets parking demand. Sponsors will also explore opportunities for additional programs to increase awareness of mobility options, enabling commuters to travel through corridor using BRT and other non-SOV modes.
Downtown Denver Partnership	Downtown Denver Viva! Streets Year Two Expansion	DDP seeks funding to continue and enhance their Viva! Streets initiative, a street closure to demonstrate to residents the connectivity of various neighborhoods within the Denver region. This increased funding would allow DDP to better target members of the BIPOC community.
West Corridor	Welcome Kits for Sun Valley Residents	Sun Valley's population is increasing, and this project sponsor seeks to work with residents to highlight what sustainable transportation options are available in the area. The marketing materials would be translated and made culturally relevant to speakers of Spanish and Vietnamese.
Smart Commute	Using Data to Optimize FlexRide Services	Smart Commute proposes studying the feasibility of launching a FlexRide service by doing research to determine the level of transportation need. Smart Commute would work with RTD to collect data to determine FlexRide feasibility, route and service needs.
Boulder Chamber – BTC	Gunbarrel On-Demand Microtransit Shuttle Service	Boulder Chamber - BTC seeks funding to develop and execute a marketing campaign to raise awareness of a proposed flex shuttle service in Gunbarrel. The shuttle will serve about 12,000 commuters who lost service when RTD suspended Route 205. Over the last three years, stakeholders including RTD, City of Boulder and Boulder County have worked with the sponsor to design the shuttle service.
Northeast Transportation Connections	Creating the Commerce City Connector	Northeast Transportation Connections seeks to explore launching and sustaining a microtransit community connector serving the southwest corner of Commerce City. Tasks include evaluating route options, marketing and education, resulting in the blueprint for a free service similar to the GES and Montbello Connectors.

FY 2024-2025 TDM Set-Aside Program – Recommendation

Project Sponsor	Project Title	Recommended Award
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Recommended:

Denver Streets Partnership	East Colfax Mobility Benefits District	\$165,644
Downtown Denver Partnership	Downtown Denver Viva! Streets Year Two Expansion	\$231,225
West Corridor	Welcome Kits for Sun Valley Residents	\$140,743
Smart Commute	Using Data to Optimize FlexRide Services	\$207,380
Boulder Chamber – BTC	Gunbarrel On-Demand Microtransit Shuttle Service	\$124,185
Northeast Transportation Connections	Creating the Commerce City Connector	\$125,841
Recommendation Total		\$995,018.00
Planning Funding Available		\$1,000,000

Wait List:

Transportation Solutions	Station Outreach for Transit Recovery	\$140,743
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Not Recommended:

Community Cycles	MODEshift (Mobile Outreach and Diagnostics for E-Bikes)	\$74,511
Boulder Valley School District	Student Modeshare Study	\$40,000
Denver South	SPIN Micromobility Expansion	\$16,558
Denver South	Parking Inventory Research	\$41,395
City of Arvada	Bicycle Training Facility Upgrades	\$13,150

ATTACH D

ATTACHMENT D

To: Chair and Members of the Transportation Advisory Committee

From: Todd Cottrell, Project and Program Delivery Manager, tcottrell@drcoq.org

Meeting Date	Agenda Category	Agenda Item #
July 24, 2023	Action	6

SUBJECT

Draft *FY2024-2027 Transportation Improvement Program (TIP)* and associated air quality conformity determination and greenhouse gas documents.

PROPOSED ACTION/RECOMMENDATIONS

Staff recommends approval of the FY 2024-2027 TIP and associated air quality conformity determination and greenhouse gas documents.

ACTION BY OTHERS

N/A

SUMMARY

The TIP is a four-year short-term program of projects laying out how federal, state, and local transportation funding is programmed in the Denver region. The TIP includes projects selected by CDOT, RTD, and DRCOG, each with their own selection processes and funding sources. For DRCOG-allocated funding, this TIP is the result of four Calls for Projects: two to program additional funding to the current FY 2022-2025 TIP, and two to program funding for this draft TIP. All projects selected by DRCOG were carried over from a previous TIP to this TIP, as appropriate.

Per federal transportation planning requirements, air quality conformity documents must demonstrate the draft FY 2024-2027 TIP will not cause a violation of federal air quality conformity standards. Accordingly, the 2050 Metro Vision Regional Transportation Plan (RTP) roadway and transit networks, that include the air quality regionally significant projects contained in the draft FY 2024-2027 TIP, were modeled for air quality conformity. The results were used by the state Air Pollution Control Division to calculate pollutant emissions. All pollutant emission tests were passed, as shown in the document within the attachments.

Per the state Greenhouse Gas Transportation Planning Standard adopted in December 2021, the TIP is considered an “applicable planning document”, and therefore must meet the DRCOG region’s greenhouse gas emissions reduction target for the year corresponding with the last year of the TIP, using interpolation if that year does not correspond to a target year in the Rule.

As required by § 8.02.2 of the Rule, DRCOG entered into an IGA with CDOT and the Colorado Department of Public Health and Environment that outlines each agency’s responsibilities for travel modeling and emissions modeling. The IGA provides for reliance on previous GHG analysis when:

1. The new applicable planning document contains all projects which must be completed in the document’s covered timeframe to achieve the transportation system as defined by the applicable planning document for which the previous GHG emissions analysis was conducted;
2. The scope of each project in the new applicable planning document is not significantly different from that described in the previous applicable planning document; and

3. The previous GHG emissions analysis and Mitigation Action Plan, if any, demonstrates compliance with all applicable GHG Reduction Levels required in 2 CCR 601-22.

Since all of the projects in the TIP that are regionally significant for air quality are required to be in the current RTP, and all TIP investments must be consistent with the RTP, all FY 2024-2027 TIP investments have been evaluated through the previous 2050 RTP GHG emissions analysis. The draft FY 2024-2027 TIP is therefore in compliance with the greenhouse gas planning rule as outlined in the attached GHG Transportation Report.

The draft TIP and associated documents were released for public comment on June 16 and concluded with a public hearing at the July 19 DRCOG Board meeting. Since the public comment period will conclude after the release of this agenda packet, additional information will be sent to the TAC before the July 24 meeting as outlined below in the attachments.

PREVIOUS DISCUSSIONS/ACTIONS

N/A

PROPOSED MOTION

Move to recommend to the Regional Transportation Committee the *FY 2024-2027 Transportation Improvement Program*, and the associated air quality documents and GHG Transportation Report.

ATTACHMENTS

1. Staff presentation
2. Supporting documents
 - [Public Comment Draft: FY 2024-2027 Transportation Improvement Program](#)
 - **Action draft will be provided following the conclusion of the public hearing on July 19**
 - [Draft Denver Southern Subarea 8-Hr ozone Conformity](#)
 - [Draft FY 2024-2027 TIP GHG Transportation Report](#)
 - TIP document errata sheet (outlines adjustments from the public hearing draft to the action draft)
 - **Provided following the conclusion of the public hearing on July 19**
 - Public comment summary
 - **Provided following the conclusion of the public hearing on July 19**

ADDITIONAL INFORMATION

For additional information, please contact Todd Cottrell, Project and Program Delivery Manager, at 303-480-6737 or tcottrell@drcog.org, or Ron Papsdorf, Transportation Planning and Operations Division Director, at 303-480-6747, or rpapsdorf@drcog.org

FY 2024-2027 Transportation Improvement Program, Air Quality Conformity, and GHG Transportation Report

Transportation Advisory Committee
July 24, 2023

Todd Cottrell, Project and Program Delivery Manager

DOCUMENTS FOR RECOMMENDATION



- 2024-2027 Transportation Improvement Program
- Ozone Conformity Determination
- State Greenhouse Gas Transportation Report


FROM REGIONAL VISION TO ACHIEVABLE REALITY



TRANSPORTATION IMPROVEMENT PROGRAM (TIP)




- Short-term 4-year planning program with specific and dedicated funding
- New document every two years, major calls every four
- Contains all projects with federal and state transportation funding-not just those awarded by DRCOG
- DRCOG-directed funding (competitive grants) – every 4 years
 - Surface Transportation Block Grant (STBG)
 - Congestion Mitigation / Air Quality (CMAQ)
 - Carbon Reduction Program (CRP)
 - Transportation Alternatives (TA)
 - Multimodal Transportation & Mitigation Options Fund (MMOF)
- Adopted TIP is adjusted often through administrative modifications and amendments

2024-2027 Transportation Improvement Program (Pending TIP) 

Title: **Federal Blvd BRT - Precon** Project Type: **Rapid Transit**
 TIP-ID: 2024-008 STIP-ID: Open to Public: Sponsor: **CDOT**

Project Scope
 Design, environmental, and early action projects associated with side-running BRT. Final project will involve enhanced bus stops, sidewalk improvements, transit lane striping, and operational improvements including transit signal priority.



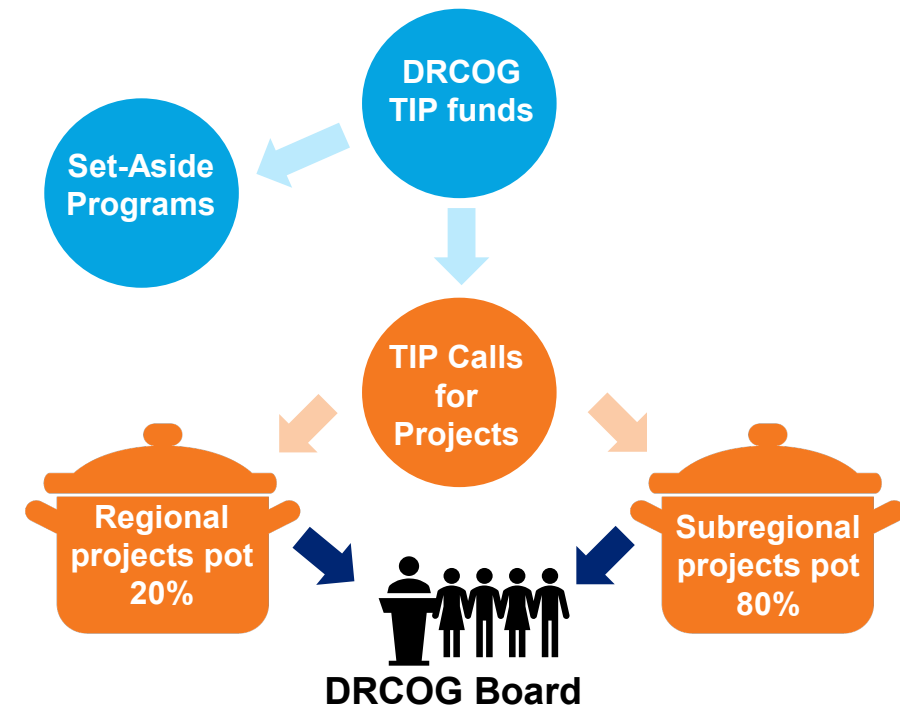
Affected Municipality(es)	Affected County(es)	Project Phases		Performance Measures	
		Year	Phase		
Denver	Adams	2025	Initiate Design	<input type="checkbox"/>	Bridge Condition
Englewood	Arapahoe	2026	Initiate Design	<input checked="" type="checkbox"/>	Congestion
Westminster	Denver	2027	Initiate ROW	<input type="checkbox"/>	Freight Reliability
Unincorporated				<input type="checkbox"/>	Pavement Condition
				<input checked="" type="checkbox"/>	Safety
				<input checked="" type="checkbox"/>	Transit Assets
				<input checked="" type="checkbox"/>	Transit Safety
				<input type="checkbox"/>	Travel Time Reliability

Amounts in \$1,000s	Prior Funding	FY24	FY25	FY26	FY27	Future Funding	Total Funding
Federal	\$0	\$0	\$0	\$0	\$0		
Federal (STBG)	\$0	\$4,512	\$8,122	\$4,017			
State	\$0	\$0	\$0	\$0			
State (Leg-T)	\$0	\$4,063	\$5,453	\$8,133			
Local	\$0	\$2,950	\$1,750	\$0			
Local (RTD)	\$0	\$1,000	\$0	\$0			
Total	\$0	\$0	\$12,525	\$15,325	\$12,150	\$0	\$40,000

MAJOR ELEMENTS



- Funding allocation process
 - Set-Aside, Regional, and Subregional Share
- Subregional Forums: county and all municipalities within
 - Way to achieve the regional vision, while also injecting local values; recommendations back to DRCOG
- Document
 - financial constraint, performance measures, equity, public involvement, etc.



CALLS FOR PROJECTS



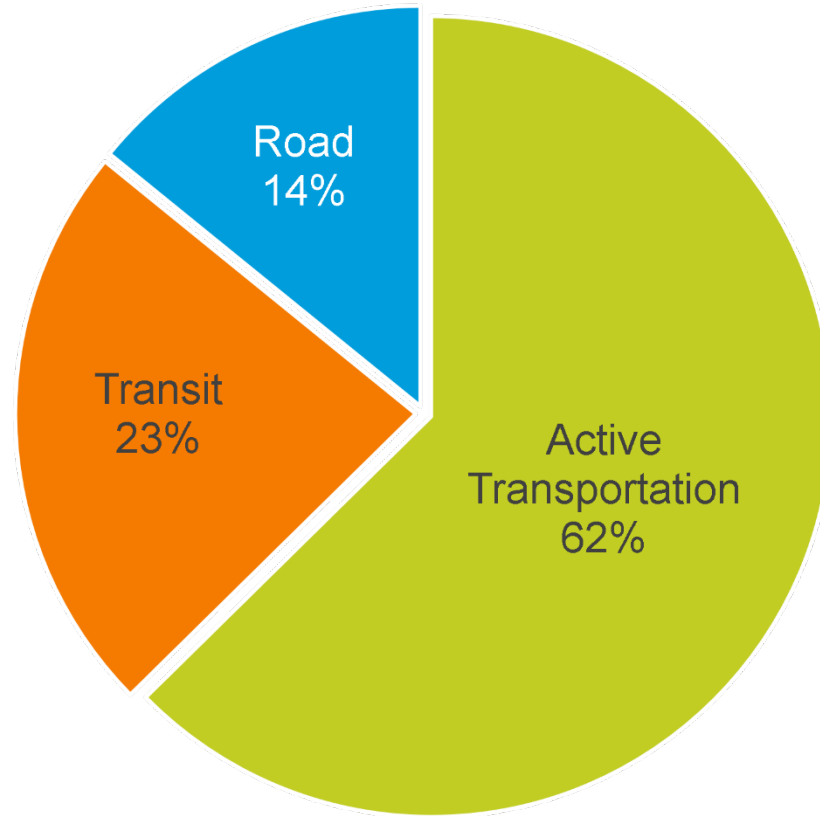
- Four calls for projects: January 2022 - April 2023
 - Five funding sources (4 federal, 1 state), six years (FY 2022-2027), two TIPs (2022-2025, 2024-2027)
- Each call with specific process and criteria
 - funding sources and project type eligibilities, available funding, match requirements, RTP priorities, etc.
- \$495 million in DRCOG investments
- \$2.2 billion in total investments

FEDERAL AIR QUALITY CONFORMITY AND STATE GHG



- Based on our non-attainment status, the region and FY 2024-2027 TIP must reduce pollutants
- Air quality conformity is regional (entire RTP and TIP); not based on individual projects
- State requirement for new TIPs to achieve GHG emission reduction targets
- Since all regionally significant projects in the TIP are in the RTP and all investments are consistent with the RTP:
 - The FY 2024-2027 TIP passed pollutant emission tests for regional air quality conformity
 - The FY 2024-2027 TIP complies with the GHG planning rule

WHAT WILL THIS TIP ACCOMPLISH?



By Funding

WHAT WILL THIS TIP ACCOMPLISH?



- Over 190 **intersections** will be improved for better operations for all modes
- Approximately 95 miles of **bike/ped** facilities will be built
- 34 **studies** will prepare for future improvements
- Over 70% of projects will implement **Complete Streets** elements
- Over 80% of projects will improve **connections to transit**

WHAT WILL THIS TIP ACCOMPLISH?



- 65% of projects are in or near an **urban center**
- Over 70% of projects are on the DRCOG **High-Injury Network**, projected to result in:
 - 51 fewer **fatal** crashes (5 yrs)
 - 302 fewer **serious injury** crashes (5 yrs)

PROPOSED MOTION



Move to recommend to the Regional Transportation Committee the *FY 2024-2027 Transportation Improvement Program*, and the associated air quality documents and GHG Transportation Report.



QUESTIONS?

ATTACHE

ATTACHMENT E

To: Chair and Members of the Transportation Advisory Committee

From: Jacob Riger, Manager, Multimodal Transportation Planning

Meeting Date	Agenda Category	Agenda Item #
July 24, 2023	Informational Briefing	7

SUBJECT

Overview of Front Range Passenger Rail District Board and its initial planning efforts.

PROPOSED ACTION/RECOMMENDATIONS

N/A

ACTION BY OTHERS

N/A

SUMMARY

DRCOG was a member of the Southwest Chief & Front Range Passenger Rail Commission during its 2017-2022 legislative authorization. Senate Bill 21-238 ([SB-238](#)) replaced the Rail Commission with the Front Range Passenger Rail District in 2022. The new District was created for the purpose of “planning, designing, developing, financing, constructing, operating, and maintaining a passenger rail system...” along Colorado’s Front Range.

The new District, whose boundary stretches from Wyoming to New Mexico along the I-25 corridor, has a 24-member board of directors (17 voting members) comprised of:

- 6 directors appointed by the Governor and confirmed by the state Senate, including one director who is a resident of a city or county with an unfinished FasTracks rail service project.
- 10 directors appointed by metropolitan and rural transportation planning organizations, including DRCOG, and confirmed by the Senate
- 1 director appointed by the executive director of CDOT
- 3 non-voting directors appointed (one each) by BNSF, Union Pacific, and Amtrak
- 1 non-voting director appointed by RTD
- 1 non-voting director appointed by the I-70 Mountain Corridor Coalition
- 2 non-voting directors appointed (one each) by the Governors of Wyoming and New Mexico

DRCOG has four directors, selected by the DRCOG Board in early 2022. Per SB-238, two of the members serve two-year terms, and two of the members serve four-year terms.

Since its inception in mid-2022, the [District](#) has been engaged in a series of internal organizational activities and external planning and engagement efforts. In particular, the District is undertaking a federally required Service Development Plan for the rail corridor, has applied to enter into the Federal Railroad Administration’s Corridor Identification and Development Program, and has recently initiated corridor stakeholder coalition meetings.

District staff will provide an overview of the Front Range Passenger Rail District and its current/future planning activities at the July TAC meeting.

PREVIOUS DISCUSSIONS/ACTIONS

N/A

PROPOSED MOTION

N/A

ATTACHMENTS

Rail District presentation

ADDITIONAL INFORMATION

If you need additional information, please contact Jacob Riger, Manager, Multimodal Transportation Planning, at 303-480-6751 or jriger@drcog.org



Front Range Passenger Rail

DRCOG TAC
Chrissy Breit

July 24, 2023

FRPR FRONT RANGE
PASSENGER RAIL

Planning a New Transportation Option for Colorado's Front Range





A Growing Need for a Transportation Solution

LIVE UPDATES


Snowstorm in Colorado leads to dangerous driving conditions and broken branches, CDOT issues warning for Denver area

BY CBSNEWS COLORADO | BY CBSCOLORADO.COM STAFF
UPDATED ON: DECEMBER 29, 2022 / 2:13 PM / CBS COLORADO

GET THE FREE APP

f t r

As the heavy snow was falling late Wednesday night in Thornton, some folks in Thornton came to the aid of a stuck driver off of 104th Avenue.



CBS

NEWS > TRANSPORTATION

Metro Denver's traffic congestion will go from bad to worse, study predicts

Amount of time stuck in jams will nearly double over next 20 years

f t r



Stalling rush-hour traffic moves along on Interstate 25 near Speer Boulevard and West 23rd Avenue on Sept. 25, 2018.

By ALDO SVALDI | a.svaldi@denverpost.com | The Denver Post
October 17, 2019 at 6:00 a.m.

The Colorado Sun

NEWS > ENVIRONMENT

Colorado is falling behind on its mandate to cut greenhouse gases

New state assessment shows big gaps in goals for transportation emissions and lag in finalizing closures of fossil fuel power plants

Michael Booth | 4:08 AM MDT on Sep 29, 2022

Credibility: Original Reporting Sources Cited



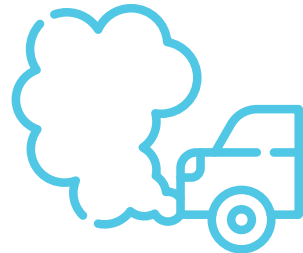
Interstate 70 traffic soon on Thursday, April 21, 2022, near Denver. (Huah Carey, The Colorado Sun)

Major Issues Now

Congestion,
Safety,
Reliability



Air Quality and
GHG Emissions



Disconnected
Communities



Compounded by Population Gain



From 2020 to 2050, an
additional 3 million people are
expected to live and commute
along the Front Range

What is Front Range Passenger Rail?

- ▶ **New inter-city train service.**
- ▶ **Initial service:** Pueblo through Denver and north to Fort Collins, with stops along the way.
- ▶ **Long-term vision:** connecting to New Mexico and Wyoming.
- ▶ **Using existing tracks** shared with freight railroads to minimize costs and accelerate the service start date.



Commuter Rail

Serves one metropolitan area connecting suburbs to an urban core.



VS

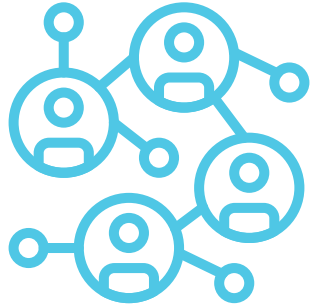
Inter-City Rail

Connects cities across the state.



2-4 Miles	STATION DISTANCE	20-30+ Miles
35-45 Miles Per Hour	AVERAGE SPEED	45-55+ Miles Per Hour*
20-75 Miles	SERVICE LENGTH	50-300+ Miles / < 750 Miles

**Average running speed between stops is 65-90 Miles Per Hour*



Connecting Coloradans to Opportunities, Adventure, and Each Other

- ➔ Working Professionals
- ➔ College Students
- ➔ People with Disabilities
- ➔ Families
- ➔ Sports Fans
- ➔ Festival-Goers
- ➔ Tourists
- ➔ Older Adults and Veterans
- ➔ People without Cars
- ➔ Urban Explorers

Benefits of New Passenger Rail



Reliable Travel

A more reliable
and consistent
travel
experience



Connected Communities

Better
connections
along the
Front Range



Economic Vitality

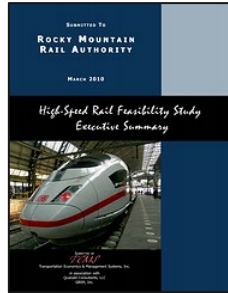
Investments
that support
local
economies



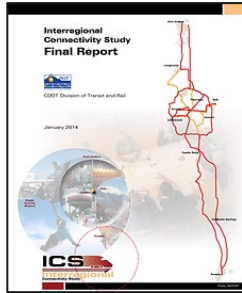
Sustainable Growth

Solutions that
support a
sustainable
future

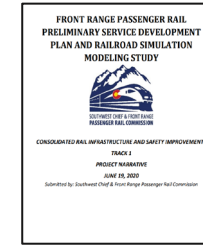
History of Front Range Passenger Rail



10 Years of Visionary Planning
2010-2020



Rail Commission
2017

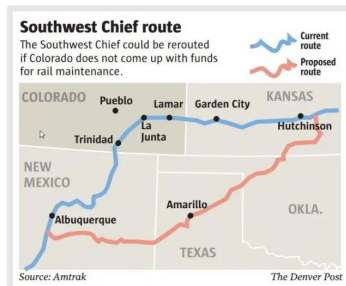


Service Development Plan Grant
2020

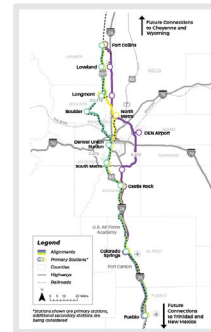


District Established
2021

2014
Save the Chief

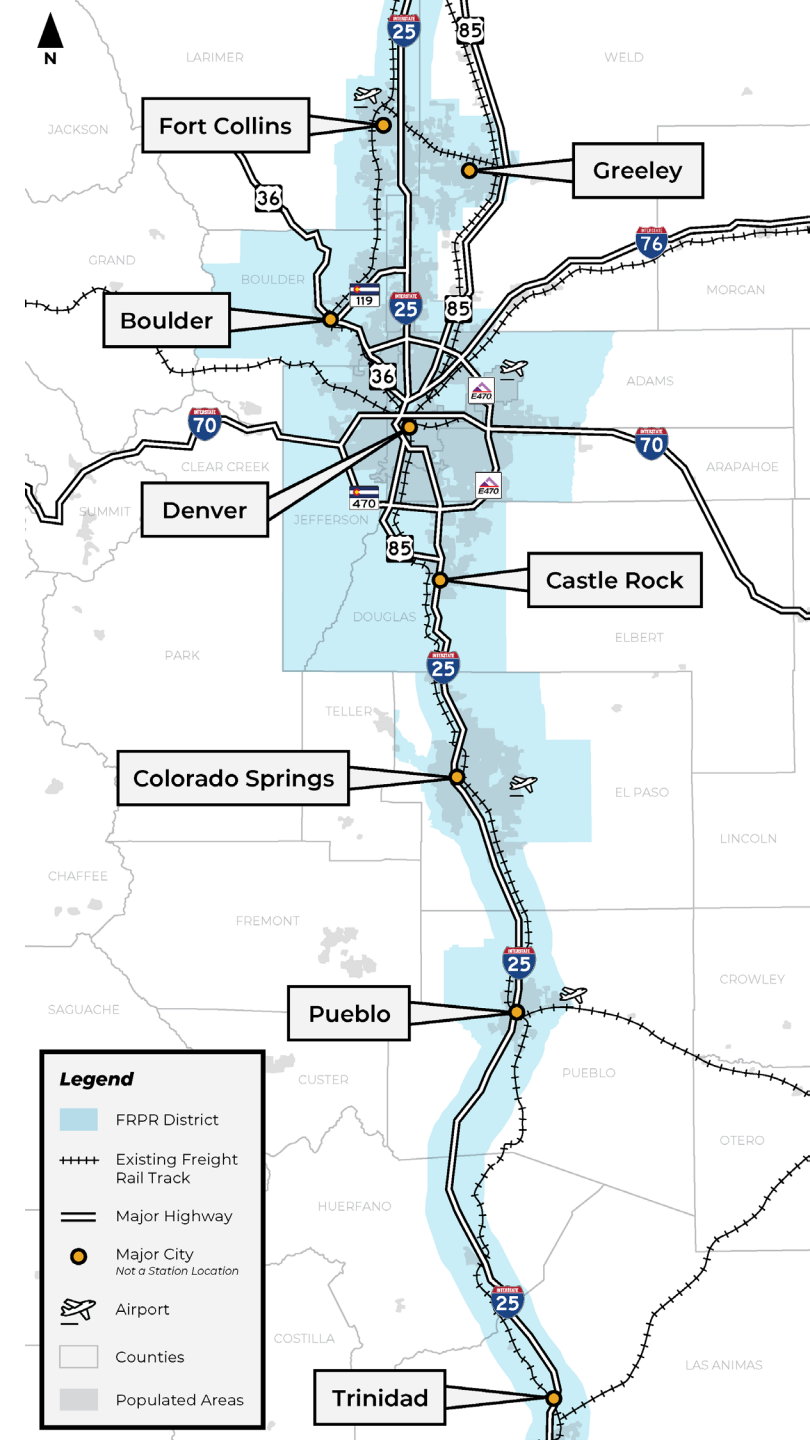


2020
Alternatives Evaluation



What is the FRPR District?

- Created by Colorado Legislature in 2021.
- New local government with the mission to finance, design, construct, operate a passenger rail service along the Front Range.
- Following voter approval, can levy taxes to finance the rail system.
- Working with local communities to develop train stations.



District Board of Directors

MPO/COG

Representatives (10)

- **Denver Regional Council of Governments**
- **Pikes Peak Area Council of Governments**
- **North Front Range Metropolitan Planning Council**
- **Pueblo Area Council of Governments**
- **South Central Council of Governments COG**

Governor's Appointees (6)

- **CDOT (1)**
- **Non-Voting Members:**
 - BNSF Railway
 - Union Pacific Railroad
 - Amtrak
 - RTD
 - I-70 Mountain Corridor Coalition
 - State of Wyoming
 - State of New Mexico

Once-in-a-Lifetime Opportunity

- ▶ Foundation of 15 years of advocacy and planning.
- ▶ District established.
- ▶ Strong state support.
- ▶ New passenger rail programs and funding established through Bipartisan Infrastructure Law.



FRPR
FRONT RANGE
PASSENGER
RAIL





Where We Are Today

Corridor Identification and Development Program (FRA)

- ▶ Comprehensive inter-city passenger rail planning program.
 - ▶ Creates a pipeline of projects ready for implementation.
 - ▶ Opens up millions of dollars in new funding – 90/10 federal match.
- ▶ Submitted Application in March 2023.
 - ▶ Notice of Acceptance in Fall 2023.
 - ▶ If accepted into the Program, District receives initial \$500,000.



Service Development Plan



**Began Late 2022 and
Concludes Mid/Late 2024**



Pueblo to Fort Collins

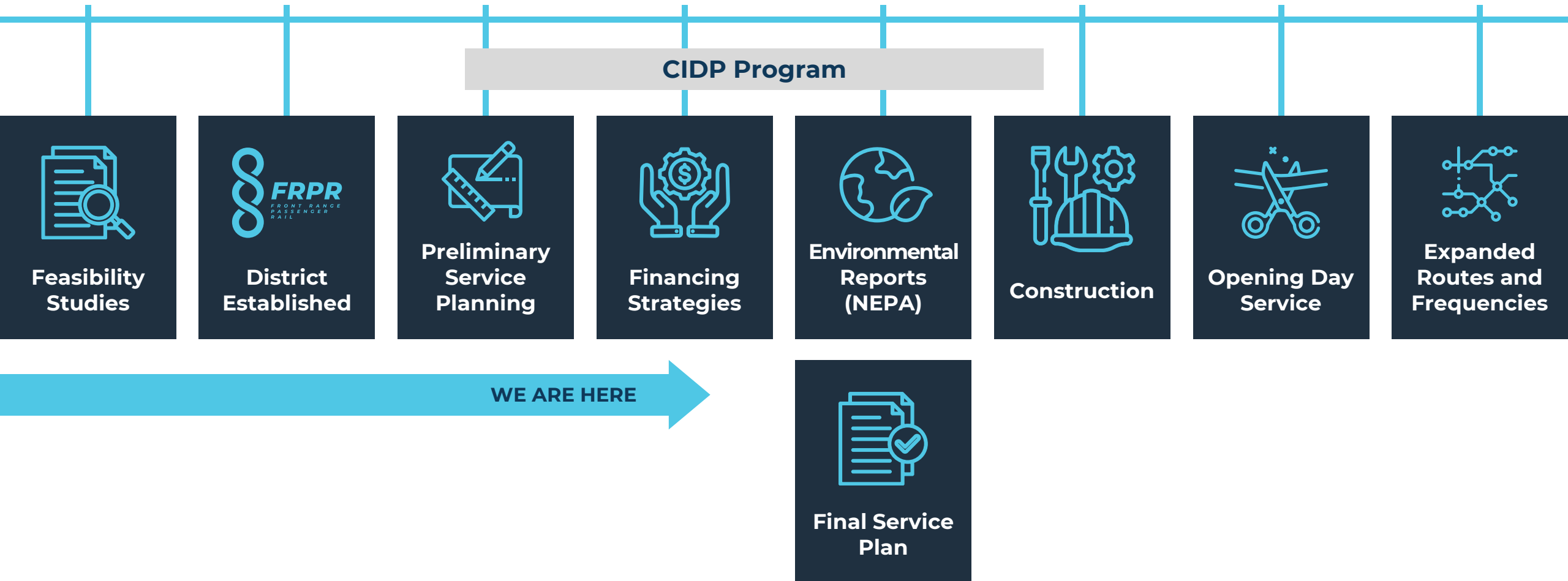


**Implementation Plan
for Initial FRPR Service**

The SDP process defines:

- Station Locations
- Service Frequency
- Onboard Amenities
- Ticket Price
- Infrastructure Improvements
- Costs and Financing Plan
- Railroad Partnerships

Route to Front Range Passenger Rail



Partnerships and Local Coordination



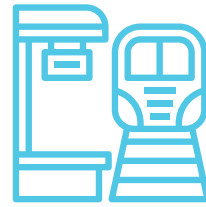
Financial Support

- ▶ Local governments
- ▶ State legislature
- ▶ Governor's office
- ▶ Colorado DC delegation
- ▶ USDOT and FRA



Generating Public Support for Ballot Measure

- ▶ Chambers of commerce
- ▶ Environmental, Accessibility, Active Transportation, and Equity Orgs
- ▶ Local governments
- ▶ State legislature
- ▶ Governor's office



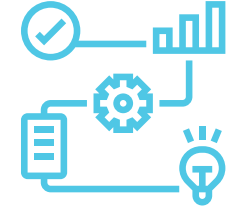
Station Planning and Station Improvement Districts

- ▶ Local governments
- ▶ Downtown business organizations
- ▶ Landowners
- ▶ Developers



Multimodal Connectivity

- ▶ Local governments
- ▶ MPOs/COGs
- ▶ CDOT
- ▶ Transit agencies



Planning, Design, Engineering, Implementation

- ▶ Freight railroads
- ▶ FRA
- ▶ CDOT
- ▶ RTD

4 Year Plan Leading into a Ballot Initiative

2022

District Stand-Up

- ▶ Board Directors Appointed
- ▶ Express Interest in Corridor Identification and Development Program (CIDP)

2023

SDP, Communications, and Partner Coordination

- ▶ Service Development Planning
- ▶ Initial Briefings
- ▶ Board Identifies an Operator
- ▶ Application and Acceptance into CIDP; receive \$500k

2024

SDP and Outreach

- ▶ Service Development Plan (Finished Late 2024)
- ▶ O&M and Capital Costs Determined
- ▶ Financing Plan Determined
- ▶ Phase II CIDP \$ (90/10 Match)

2025

2025 – NWR, Local Govt Outreach, NEPA

- ▶ Begin Joint Operations Plan with RTD for NWR Segment
- ▶ Local Government Outreach Going Into Ballot
- ▶ NEPA
- ▶ Freight Railroad Agreements
- ▶ Phase III CIDP \$ (80/20 Match)

2026

District Ballot Initiative



Get On Board

Stay in Touch

Andy Karsian

General Manager

Andy.Karsian@frprdistrict.com

(303) 883-9381

Chrissy Breit

Program Coordinator

Chrissy.Breit@frprdistrict.com

(303) 903-5724



Join our Mailing List:

**RideThe
FrontRange.com**



ATTACH F

ATTACHMENT F

To: Chair and Members of the Transportation Advisory Committee

From: Ron Papsdorf, Division Director, Transportation Planning & Operations;
303-480-6747 or rpapsdorf@drcog.org

Meeting Date	Agenda Category	Agenda Item #
July 24, 2023	Informational Briefing	8

SUBJECT

FY 2023 Promoting Resilient Operations for Transformative, Efficient, and Cost-Saving Transportation (PROTECT) discretionary grant program

PROPOSED ACTION/RECOMMENDATIONS

N/A

ACTION BY OTHERS

N/A

SUMMARY

The U.S. Department of Transportation (DOT) published the fiscal year (FY) 2023 Notice of Funding Opportunity (NOFO) for the Promoting Resilient Operations for Transformative, Efficient, and Cost-Saving Transportation (PROTECT) discretionary grant program on April 21, 2023.

There are four funding categories under the PROTECT Discretionary Grant Program:

Planning Grants (up to \$45 million)

- Development of a Resilience Improvement Plan;
- Resilience planning, predesign, design, or the development of data tools to simulate transportation disruption scenarios, including vulnerability assessments;
- Technical capacity building to facilitate the ability of the eligible entity to assess the vulnerabilities of its surface transportation assets and community response strategies under current conditions and a range of potential future conditions; or
- Evacuation planning and preparation.

Resilience Improvement Grants (up to \$638 million)

- Improve the ability of an existing surface transportation asset to withstand one or more elements of a weather event or natural disaster, or
- Increase the resilience of surface transportation infrastructure from the impacts of changing conditions, such as sea level rise, flooding, wildfires, extreme weather events, and other natural disasters.

Community resilience and Evacuation Routes Grants (up to \$45 million)

- Activities that strengthen and protect evacuation routes that are essential for providing and supporting evacuations caused by emergency events, including:
 - resilience improvements if they will improve evacuation routes, and

- projects to ensure the ability of the evacuation route to provide safe passage during an evacuation and reduce the risk of damage to evacuation routes as a result of future emergency events.

At-risk Coastal Infrastructure (up to \$120 million)

- Activities to strengthen, stabilize, harden, elevate, relocate or otherwise enhance the resilience of highway and non-rail infrastructure that are subject to, or face increased long-term future risks of coastal flooding and erosion.

The full details of the NOFO are available [here](#).

DRCOG requested that agencies considering applying for a FY 2023 PROTECT grant submit information about their project to enhance regional coordination by Thursday, July 13, 2023 at 5pm MST. In response, DRCOG received 13 submittals from 6 agencies.

Applications are due to USDOT **August 18, 2023** through <https://www.grants.gov> no later than **11:59 PM**.

PREVIOUS DISCUSSIONS/ACTIONS

N/A

PROPOSED MOTION

N/A

ATTACHMENTS

Submitted member government PROTECT project informational forms

ADDITIONAL INFORMATION

If you need additional information, please contact Ron Papsdorf, Division Director, Transportation Planning & Operations; 303-480-6747 or rpapsdorf@drcog.org



2023 Promoting Resilient Operations for Transformative, Efficient, and Cost-Saving Transportation (PROTECT) Grant

Information about the PROTECT Grant program is available [here](#).

DRCOG requests that all PROTECT grant requests in the Denver region be submitted for Transportation Advisory Committee (TAC) review at the July 24, 2023 meeting for information and discussion – **not approval**.

DRCOG will provide letters of support for any project consistent with the 2050 Metro Vision Regional Transportation Plan.

Please submit this form to ckennedy@drcog.org by 5:00pm MST on July 13, 2023.

Agency: City of Brighton Public Works Department

Contact: Noe Martinez, Phone # 303-550-1683

Project Name: Subscription to a traffic data analysis and management tool platform

Project Type: Planning Tool

Project Description:

Subscribe to a regional mobility analytics platform for daily and annual traffic insights, to obtain consolidated multiple consulting tasks, to automate data collection and analysis, and to create a regional data sharing asset.

Total Project Cost: \$14,997/year

PROTECT Grant Funding Request: \$30,000 for a two-year contract.



2023 Promoting Resilient Operations for Transformative, Efficient, and Cost-Saving Transportation (PROTECT) Grant

Information about the PROTECT Grant program is available [here](#).

DRCOG requests that all PROTECT grant requests in the Denver region be submitted for Transportation Advisory Committee (TAC) review at the July 24, 2023 meeting for information and discussion – **not approval**.

DRCOG will provide letters of support for any project consistent with the 2050 Metro Vision Regional Transportation Plan.

Please submit this form to ckennedy@drcog.org by 5:00pm MST on July 13, 2023.

Agency: City of Golden

Contact: Anne Beierle, City of Golden Public Works Director

Project Name: US40/Lena Gulch Channel Improvement Project

Project Type: Channel Improvement/Floodplain Mitigation Project

Project Description:

Improvements of Phase 1 and Phase 4 of the Lena Gulch Improvement Project. Phase 2 is currently in design; construction is scheduled to begin in fall of 2024. Funding for phase 3 was requested through Congressionally Directed Spending.

Work on Phase 1 includes the replacement of two (2) undersized CMP culverts with pipes and grade separated under-crossings sized to convey the 100-year storm event as well as channel improvements. Work on Phase 4 includes the replacement of an existing culvert and construction of an additional box culvert to convey the 100-year storm event, as well as channel improvements. Completion of the project will result in removal of the floodplain/floodway from US40 and adjacent roadways as well as removal of the floodplain/floodway from residential and commercial properties along the Lena Gulch corridor. A presentation has been created and can be reviewed upon request for more information.

Total Project Cost: \$30,000,000

PROTECT Grant Funding Request: Resilience Improvement Grant



2023 Promoting Resilient Operations for Transformative, Efficient, and Cost-Saving Transportation (PROTECT) Grant

Information about the PROTECT Grant program is available [here](#).

DRCOG requests that all PROTECT grant requests in the Denver region be submitted for Transportation Advisory Committee (TAC) review at the July 24, 2023 meeting for information and discussion – **not approval**.

DRCOG will provide letters of support for any project consistent with the 2050 Metro Vision Regional Transportation Plan.

Please submit this form to ckennedy@drcog.org by 5:00pm MST on July 13, 2023.

Agency: City of Federal Heights

Contact: Jeff Hill, City Engineer

Project Name: Pecos Street Crossing at Niver Creek

Project Type: Culvert Replacement

Project Description:

The City of Federal Heights in conjunction with the City of Thornton and Mile High Flood District are proposing to replace two failing 60" diameter CMP pipes under Pecos Street just north of 90th Ave. These pipes carry flows from Niver Creek Trib M. The current hydrologic modeling indicates that these lines are severely undersized. As well as being undersized, they are in very poor condition with the bottoms of the pipes being completely corroded out.

The intent is to apply for a Resilience Improvement Grant to improve this crossing to reduce flooding as well as prevent service outage to the neighborhoods as well as schools in this area.

Total Project Cost: 2.0 Million

PROTECT Grant Funding Request: 1.6 Million



2023 Promoting Resilient Operations for Transformative, Efficient, and Cost-Saving Transportation (PROTECT) Grant

Information about the PROTECT Grant program is available [here](#).

DRCOG requests that all PROTECT grant requests in the Denver region be submitted for Transportation Advisory Committee (TAC) review at the July 24, 2023 meeting for information and discussion – **not approval**.

DRCOG will provide letters of support for any project consistent with the 2050 Metro Vision Regional Transportation Plan.

Please submit this form to ckennedy@drcog.org by 5:00pm MST on July 13, 2023.

Agency: City of Deer Trail Colorado

Contact: Robert Rhodes robert.rhodes67@gmail.com

Project Name: Date Street Preservation

Project Type: Resilience Improvement Grant

Project Description:

On Date Street from 1st Ave., to 2nd Ave., the road needs to be regraded, leveled and sealed. This is to prevent reoccurring flooding and to ensure that the 2 charging stations being installed by CORE electric will not have any issues due to ongoing weather fluctuations. Also the curb, gutter and sidewalk need to be upgraded for proper ADA access.

Total Project Cost: \$750,000 estimate

PROTECT Grant Funding Request: \$750,000 estimate



2023 Promoting Resilient Operations for Transformative, Efficient, and Cost-Saving Transportation (PROTECT) Grant

Information about the PROTECT Grant program is available [here](#).

DRCOG requests that all PROTECT grant requests in the Denver region be submitted for Transportation Advisory Committee (TAC) review at the July 24, 2023 meeting for information and discussion – **not approval**.

DRCOG will provide letters of support for any project consistent with the 2050 Metro Vision Regional Transportation Plan.

Please submit this form to ckennedy@drcog.org by 5:00pm MST on July 13, 2023.

Agency: City of Deer Trail Colorado

Contact: Robert Rhodes robert.rhodes67@gmail.com

Project Name: City Evacuation Routes

Project Type: Community Resilience & Evacuation Route Grant

Project Description:

Deer Trail School District No. D26J is part of the Towns shelter in place and evacuation center in case of natural disasters. Burton Street which runs from 2nd Ave., to 5th Ave., Aspen Street, from 2nd Ave. to 1st Ave., (E HWY 40) and a small dirt road from 2nd Ave and Burton Street to 1st need to be repaired, built and upgraded to maintain the towns emergency access to its only shelter in case of a natural disaster.

Total Project Cost: \$3,000,000 estimate

PROTECT Grant Funding Request: \$3,000,000 estimate



2023 Promoting Resilient Operations for Transformative, Efficient, and Cost-Saving Transportation (PROTECT) Grant

Information about the PROTECT Grant program is available [here](#).

DRCOG requests that all PROTECT grant requests in the Denver region be submitted for Transportation Advisory Committee (TAC) review at the July 24, 2023 meeting for information and discussion – **not approval**.

DRCOG will provide letters of support for any project consistent with the 2050 Metro Vision Regional Transportation Plan.

Please submit this form to ckennedy@drcog.org by 5:00pm MST on July 13, 2023.

Agency: City of Deer Trail Colorado

Contact: Robert Rhodes robert.rhodes67@gmail.com

Project Name: Deer Trail Planning Guide

Project Type: Planning Grants

Project Description:

In 2021 with the help of CU (Colorado Center for Community Development), University Technical Assistance and DOLA a City of Deer Trail Planning Guide was developed. We are looking to partner up again with the same agencies to update our planning guide and to include an extensive section concerning environmental changes as well as a drainage study and how it will effect the City of Deer Trail.

Total Project Cost: \$50,000 estimate

PROTECT Grant Funding Request: \$50,000 estimate



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Agency: City of Deer Trail Colorado

Contact: Robert Rhodes robert.rhodes67@gmail.com

Project Name: Emergency Services Access

Project Type: Resilience Improvement Grant

Project Description:

Cedar Street from I70 to 1st Ave., needs a complete resurface along with proper drainage installed. Cedar Street is the main access into town for ALL emergency services and on the corner of 1st ave., and Cedar is the towns Fire Station.

Total Project Cost: \$3,000,000 estimate

PROTECT Grant Funding Request: \$3,000,000 estimate



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Agency: City of Deer Trail Colorado

Contact: Robert Rhodes robert.rhodes67@gmail.com

Project Name: Assisted Living Emergency Access

Project Type: Community Resilience & Evacuation Route Grant

Project Description:

4th Ave., from Cedar Street to Elm Street needs to be improved from a dirt road to a more solid road. 4Th Ave., is home to Deer Trails only assisted living center and with recent flooding and snow falls here in Colorado access to the facility has been limited at times. Solid access would allow our disabled and elderly proper access to emergency needs when they arise without the worry of climate fluctuations.

Total Project Cost: \$1,000,000 estimate

PROTECT Grant Funding Request: \$1,000,000 estimate



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Agency: City of Deer Trail Colorado

Contact: Robert Rhodes robert.rhodes67@gmail.com

Project Name: Emergency Access to North Deer Trail

Project Type: Community Resilience & Evacuation Route Grant

Project Description:

With the heavy snow and rainfall Deer Trail experienced this past year, the following roads need to be upgraded and/or repaired to meet the current projected environmental changes. 5th Ave., from Cedar St. to 11th St., 4th Ave., from Ivy St. to the cul de sac at the North end of town and Ivy St., from 5th Ave. to 1St., (Hwy 40). Repair and or upgrade the WPA ditch from Aspen St all the way to the North end of town and turning West to Hwy 40. The box culverts under Cedar St. would need to be cleaned and inspected also.

Total Project Cost: \$8,000,000 estimate

PROTECT Grant Funding Request: \$8,000,000 estimate



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Agency: Jefferson County

Contact: Chris Habgood

Project Name: JC73 - Camel Heights Bridge Replacement

Project Type: Bridge Replacement and Improvements

Project Description:

This project will include the replacement of an existing simple span concrete bridge on JC-73 over the Cub Creek. The project will replace the entire structure with a new bridge which will improve the hydraulic capacity and make channel improvements. The existing bridge is deteriorating and was identified for replacement by Jefferson County's structural inspections. This project will also add safety improvements to JC-73 and widen the roadway for pedestrians and cyclists. The roadway improvements will extend past the bridge on JC-73.

Total Project Cost: \$2,000,000

PROTECT Grant Funding Request: \$1,600,000



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Agency: Jefferson County

Contact: Chris Habgood

Project Name: South Platte River Bridge Repair

Project Type: Bridge Repair

Project Description:

This project will include the replacement of a two span bridge deck on County Road 67 over the South Platte River. The project will replace a deteriorating bridge deck, make improvements to the pier and abutments, and replace the guardrail and roadway approaches. The new bridge deck will improve the hydraulic capacity of the bridge and install scour countermeasures. This bridge deck replacement need was identified during the CDOT Off-System bridge inspections.

Total Project Cost: \$4,000,000

PROTECT Grant Funding Request: \$3,200,000



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Agency: Town of Superior

Contact: Brannon Richards - brannonr@superiorcolorado.gov

Project Name: Town of Superior Resilience Improvement Plan

Project Type: Planning Grant

Project Description:

Project to perform resilience planning and the development of data tools to simulate transportation disruption scenarios, including vulnerability assessments within the Town of Superior.

The goal is to assess the vulnerabilities of our surface transportation assets and community response strategies under current and future conditions; as well as update our evacuation planning and preparation standards.

Total Project Cost: \$100,000

PROTECT Grant Funding Request: \$100,000



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Agency: City of Boulder (with CDOT and Boulder County partners)

Contact: Gerrit Slatter, SlatterG@bouldercolorado.gov

Project Name: CO7: Boulder Creek Bridge Replacements & Dry Creek Culvert Replacement

Project Type: Resilience Improvement Grants

Project Description:

The project would reconstruct the CO7 (Arapahoe Ave.) bridges over Boulder Creek as well as a nearby culvert on CO7. The bridge replacement project includes one poor-rated bridge, one fair-rated that is imminently a poor bridge, and an undersized fair-rated culvert. This project will improve emergency services and operations by addressing the vulnerability of these structures to high water events. The new bridge will continue the efforts of the City of Boulder's East Arapahoe Transportation Plan by enhancing access and connections to the well-used Boulder Creek multiuse path, transit connections and protected pedestrian and bicycle facilities. The new bridge will also enhance the bicycle and pedestrian underpass below by improving sightlines and improving the height and width of the crossing and would be designed and constructed to meet AASHTO and ADA design guidelines. An undersized two cell Reinforced Concrete box culvert at 75th Street over Dry Creek that currently experiences overtopping in a 10-year event will be reconstructed to current AASHTO and ADA design guidelines as well. This Project will greatly minimize the flooding risk at both locations and improve all transit systems for the CO7 corridor.

Total Project Cost: \$31M

PROTECT Grant Funding Request: \$18M