

## Board of Directors

Meeting date: December 18, 2024

Agenda Item #: 8 – D

### Innovative Mobility Set-Aside Project Selection

Agenda item type: Consent agenda

#### Summary

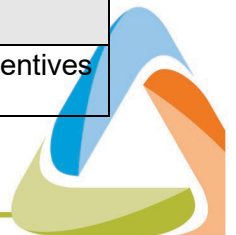
Project selection recommendation for the first cycle of fiscal year 2024-2027 funding through the Innovative Mobility Transportation Improvement Program Set-Aside.

#### Background

The Innovative Mobility Set-Aside was approved by the Board of Directors as part of the Fiscal Year 2024-2027 Transportation Improvement Program to assist regional partners as they plan for, and prepare, innovative solutions to mobility challenges in the Denver region. A total of \$4 million is available in the set-aside over the four-year period.

Staff conducted the first solicitation of Innovative Mobility Set-Aside project proposals this fall from September 5, 2024, through October 15, 2024. 16 projects were submitted for consideration. A summary of the proposals received is below.

Project Sponsor	Project Name
Adams County	Solar Roller: The Amp-balance Pilot
Arapahoe County	Florida Corridor Micromobility Hubs
Arvada	Safe and Sustainable Connections: Little Dry Creek Evaluation and Design Innovations in the Commercial Center
Boulder	Central Area General Improvement District Garage Mobility Hub Concept Planning
Boulder Chamber	Mobilizing Data-Driven Solutions for Smarter Commutes: Understanding Travel Behavior to Shape Effective TDM Strategies in Boulder
Centennial	Midtown Centennial Mobility Plan
Commuting Solutions	Redtail Ridge and US 36 and Flatiron Station Microtransit Study
Denver	Curbside Digital Twin
Denver, Boulder	Bike+ Data Fusion
Golden	Docked Bike Share Feasibility Analysis
Longmont	Car Share Expansion Study
National Renewable Energy Lab	Integrated Mobility Solutions: Leveraging Data Fusion to Meet Metro Vision 2050 Challenges and Opportunities
Parker	Mobility on Demand and Microtransit Feasibility Study
Thornton	Near Miss Analytics
University of Colorado Boulder	E-Bike Program and Maintenance Facility Feasibility Study
University of Colorado Denver	Designing Light-duty Electric Vehicle and Green Transportation Incentives for Transportation Disadvantaged Households



A selection panel made up of staff reviewed, scored, and deliberated to recommend seven projects for funding. Projects were scored using the criteria set forth in the Policies for Fiscal Year 2024-2027 Transportation Improvement Program Set-Aside Programs document; these criteria include: alignment with Metro Vision, alignment with Metro Vision Regional Transportation Plan priorities, collaboration and partnerships, innovation, transferability, project readiness and equity.

Each proposed project included an estimated budget in their letter of interest. After reviewing and discussing internally, and consulting project sponsors, staff has recommended budget adjustments to ensure the projects align with recent experience on similar types of projects. The budgets below are estimates. Final budgets will be set during the procurement phase after staff collaborate with project sponsor(s) for each selected project to develop detailed scopes of work and outline the expertise required to deliver each project. Projects will begin in order of priority, as listed below. It is estimated that 3 to 4 projects will begin in the first year and the remaining projects will begin in the second year of the set-aside.

Rank	Project sponsor(s)	Project name	Recommended budget (estimate)	Recommendation
1	Denver, Boulder	Bike+ Data Fusion	\$400,000	Fund
2	Arapahoe County	Florida Corridor Micromobility Hubs	\$100,000	Fund
3	Golden	Docked Bike Share Feasibility Analysis	\$150,000	Fund
4	Denver	Curbside Digital Twin	\$250,000	Fund
5	Thornton	Near Miss Analytics	\$150,000	Fund
6	Parker	Mobility on Demand and Microtransit Feasibility Study	\$150,000	Fund
7	Boulder	Central Area General Improvement District Garage Mobility Hub Concept Planning	\$250,000	Fund
8	Commuting Solutions	Redtail Ridge and US 36 and Flatiron Station Microtransit Study	-	Not recommended
9	University of Colorado Boulder	E-bike Program and Maintenance Facility Feasibility Study	-	Not recommended
10	Arvada	Safe and Sustainable Connections: Little Dry Creek Evaluation and Design Innovations in the Commercial Center	-	Not recommended



Rank	Project sponsor(s)	Project name	Recommended budget (estimate)	Recommendation
11	Centennial	Midtown Centennial Mobility Plan	-	Not recommended
12	Adams County	Solar Roller: The Amp-bulance Pilot	-	Not recommended
13	University of Colorado Denver	Designing Light-duty Electric Vehicle and Green Transportation Incentives for Transportation Disadvantaged Households	-	Not recommended
14	Boulder Chamber	Mobilizing Data-Driven Solutions for Smarter Commutes: Understanding Travel Behavior to Share Effective Transportation Demand Management Strategies in Boulder	-	Not recommended
15	National Renewable Energy Lab	Integrated Mobility Solutions: Leveraging Data Fusion to Meet Metro Vision 2050 Challenges and Opportunities	-	Not recommended
16	Longmont	Car Share Expansion Study	-	Not recommended

**Action by others**

[November 18, 2024](#) – Transportation Advisory Committee recommended approval.

[December 17, 2024](#) – Regional Transportation Committee will make a recommendation.

**Previous discussion/action**

None

**Recommendation**

Move to approve funding seven Innovative Mobility Set-Aside projects, as recommended by the selection committee.

**Attachment**

Staff presentation

**For more information**

If you need additional information, please contact Douglas W. Rex, Executive Director, at [drex@drcoog.org](mailto:drex@drcoog.org) or 303-480-6701; or Emily Lindsey, active and emerging mobility program manager, at 303-480-5628 or [elindsey@drcoog.org](mailto:elindsey@drcoog.org).

