



ADVANCED
MOBILITY
PARTNERSHIP

AGENDA

WORKING GROUP
Tuesday, October 4, 2022
2:30 p.m.

Remote Meeting

DRCOG is hosting this meeting remotely (no in-person option).

Please register and join the meeting using this link:

<https://us06web.zoom.us/join/zoom/register/tZMpdOmprD0uE9RS9BrhK1MaJUtgEC5EYWne>

1. Welcome and Introductions

2. Election of Vice-Chair

3. Informational Briefing

WZDx Project

Ashley Nysten, Assistant Director of Mobility Technology, CDOT

Heather Pickering-Hilgers, Technical Project Manager, CDOT

4. AMP Focus Area: System Operations

DRCOG Regional Transportation Operations and Technology Strategic Plan

Greg MacKinnon, Transportation Operations Program Manager, DRCOG

5. USDOT Funding Opportunities:

USDOT Discretionary Grant Programs Update

Emily Lindsey, Active and Emerging Mobility Program Manager, DRCOG

6. Partner Agency Updates and Other Matters

7. Next Meeting: November 1

Attendees can request additional aids or services, such as interpretation or assistive listening devices, by calling 303-480-6701 or emailing kfallon@drcog.org. Please notify us at least 48 hours in advance so we can coordinate your request.



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WORKING GROUP
Tuesday, September 6, 2022
2:30 p.m.

Denver Regional Council of Governments
held remotely via Zoom

MEETING SUMMARY

Attendees

Aditi Misra, UC Denver
Alvin Stamp, CDOT
Andy Geleske, CDOT
Anna Bunce, City of Centennial
Charlie Stanfield, RTD
Clara Bechtel, RTD
Dan Merritt, RTD
Doug Monroe, RTD
Emily Kleinfelter, DRCOG
Emily Lindsey, DRCOG
Flo Raitano, DRCOG
Greg MacKinnon, DRCOG
John Firouzi, City of Arvada
Jonathan Wade, RTD

Josh Schwenk, DRCOG
Kalie Fallon, DRCOG
Kay Kelly, CDOT
Kellee Van Bruggen, City of Arvada
Lily Lizarraga, City and County of Denver
Lisa Nguyen, DEN airport
Lisa Streisfeld, CDOT
Li-Wei Tung, RTD
Melanie Ward, City of Centennial
Sebastian Montenegro, Felsburg Holt & Ullevig
Tom Worker-Braddock, City of Aurora
Tonya Anderson, RTD
Tyler Svitak, Colorado Smart Cities Alliance
Zahra Al-Saloom, CEO

1. Welcome and Introductions

Emily Lindsey, Chair, welcomed attendees to the Advanced Mobility Partnership (AMP) Working Group.

2. Election of Vice Chair

Emily Lindsey, Chair, invited attendees from AMP partner agencies to serve in the role of Vice Chair and discussed the timeline and responsibilities of the role. Members from CDOT, RTD, the Chamber, and the University of Colorado are eligible to serve as the Vice Chair. The current open position will serve until the next election in January 2023.

3. Informational Briefings

Colorado Energy Office (CEO), EV Equity Study and Tools



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Zahra Al-Saloom, CEO, demonstrated CEO's new EV Equity Tools.¹ The EV Equity Study and Tools platform was published in August 2022 and is available online. The purpose of the tool is to help State agencies ensure that the benefit of vehicle electrification is available to all Coloradans. The study measures and maps the current EV registration accessibility and vehicle emission impacts. Ultimately, the tool identifies barriers to EV access and identifies opportunities for equity-centered approaches to electrification and stakeholder engagement in DI communities. The definition of a DI community comes from HB21-1266.

There are two tools that came out of the study. The EV Equity Dashboard and the EV Prioritization Tool. The EV Equity Dashboard shows investments made through electrification programs. There are various indexes, including socio-economic, health, county, vehicle registration, EVSE, and VMT estimates. Users can select any index and the tool will transition to a map of Colorado showing the selected index(es). The EV Prioritization Tool is a rapid prototyping tool. Various indexes and indicators can be weighted to evaluate the options for funding for different program and priority areas. In sum, the EV Prioritization Tool helps users define areas of the state that need more funding for EVs and EV infrastructure. Data sources include CDOT and CDPHE. The tool is free to use.

City and County of Denver, Montbello / Denver Connector Microtransit Program

Lily Lizarraga, City and County of Denver, gave an update on the Denver Connector microtransit program.² The program started out as a 12-month pilot program in Montbello in October 2021. Montbello was selected for the pilot as it was identified as the neighborhood with the highest need for access to transit and grocery stores through DOTI's priority study, which looked at equity, access, and connectivity. The service operates on weekdays and is fare free with connections to Peoria Station, Walmart, the Rec Center, and the Boys and Girls Club. Rides are hailed via an app, with a call-in number in both English and Spanish. The City and County of Denver partnered with Northeast Transportation Connections (NETC) and Downtowner to deliver service. There are currently three vehicles operating in the Montbello neighborhood.

The pilot program exceeded initial projections and goals with 161 trips per day and an average of 5.7 passengers per vehicle at the beginning of August 2022. In the past year, all time ridership is at almost 37,000 rides. Because of the pilot program's success, Denver plans to expand the program by adding more vehicles and expanding the Montbello service area to include Gateway, and launching service in Globeville Elyria-Swansea (GES) neighborhood. The GES area was selected through the priority study done by DOTI.

¹ <https://energyoffice.colorado.gov/zero-emission-vehicles/ev-equity-dashboard>

² <https://www.denvergov.org/Government/Agencies-Departments-Offices/Agencies-Departments-Offices-Directory/Department-of-Transportation-and-Infrastructure/Programs-Services/Transit/Montbello-Connector>



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Connections to grocery stores will be a key consideration during the launch of the new service, as the GES neighborhood is considered a food desert. The planning and outreach approach will be community based by gathering feedback from the community via surveys, focus groups, interviews, and community events to better understand their needs. Denver will work closely with RTD to ensure the service is an add on to existing public transit and provide additional connections. Ultimately, the goal is to have the expanded service operational by early Winter 2022 with an understanding of how to provide services long term.

4. USDOT Funding Opportunity Coordination

Strengthening Mobility and Revolutionizing Transportation (SMART) Grants Program
Emily Lindsey, DRCOG, gave an overview of a federal discretionary grant program through the US Department of Transportation focused on demonstration projects for smart city technologies that improve transportation efficiency and safety. The SMART³ Notice of Funding Opportunity is anticipated in September, with an expected application due date in November, and \$100 million is available for the first round, entirely devoted to planning and prototyping activities. Future funding rounds will include both planning and implementation.

Agencies are encouraged to begin considering problem statements, technology solutions, and partnerships now so that they are prepared once the NOFO is released. DRCOG can provide letters of support for agency projects, both collaborative and individual for projects that align with DRCOG's regional goals. Anyone with questions or ideas for regional partnerships are encouraged to contact Ms. Lindsey for further discussions prior to the release of the NOFO. Once the NOFO is released, DRCOG will reach back out to convene interested partners and potential regional applications.

Greg MacKinnon, DRCOG, gave an overview of the regional transportation operations and technology strategic planning discussions. Mainly, they are looking to address the challenge that regional transportation systems lack the ability to detect disruptions and track performance across modes and between jurisdictions. Furthermore, there is a lack of integrated regional traveler information sources as all sources are separate, forcing travelers to consult multiple sources. Potential solutions include deploying regional automated traffic signal performance measures system. CDOT and Castle Rock are currently working on a data sharing model. Other solutions include a multi-agency, multimodal travel information system.

If agencies are interested in supporting a regional application to the SMART Grants Program to address these operational challenges, they are encouraged to reach out to Ms. Lindsey or Mr. MacKinnon.

³ <https://www.transportation.gov/grants/SMART>





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5. Partner Agency Updates and Other Matters

There were no additional partner agency updates or other matters discussed at the September meeting.

6. Next Meeting and Adjournment

Ms. Lindsey thanked everyone for participating in the meeting. The next is October 4, 2022.

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DATE: October 4, 2022
TO: AMP Working Group
FROM: Emily Lindsey, Active and Emerging Mobility Program Manager, DRCOG
SUBJECT: Election of Vice Chair
ACTION: Approve

SUMMARY

At the March meeting of the AMP Working Group, partner agencies elected Emily Lindsey to serve as Chair for the 2022 calendar year. There were no candidates for vice chair at the meeting. The AMP Working Group has revisited this at several prior meetings and will again revisit this at their October meeting in hopes of filling the position for the remainder of the 2022 calendar year. The Vice Chair must be held by primary or alternate members from AMP partner agencies.

ACTION

Move to elect the Vice Chair of the AMP Working Group for calendar year 2022.

ATTACHMENTS

N/A

ADDITIONAL INFORMATION

For additional information, please contact Emily Lindsey, DRCOG at elindsey@drcog.org.





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DATE: October 4, 2022
TO: AMP Working Group
FROM: Kalie Fallon, Emerging Mobility and TDM Planner, DRCOG
SUBJECT: Informational Briefings
ACTION: Information

SUMMARY

The AMP Working Group will have one informational briefing at the October meeting:

WZDx Project

Ashley Nylen, Assistant Director of Mobility Technology, CDOT, will present on the WZDx project grant.¹

ATTACHMENT(S)

N/A

ADDITIONAL INFORMATION

For additional information please contact Kalie Fallon, DRCOG at kfallon@drcog.org.

¹ https://ops.fhwa.dot.gov/wz/wzdx/demonstration_grants.htm





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DATE: October 4, 2022
TO: AMP Working Group
FROM: Greg MacKinnon, Transportation Operations Program Manager, DRCOG
SUBJECT: AMP Focus Area: System Operations
DRCOG Regional Transportation Operations and Technology Strategic Plan
ACTION: Information

SUMMARY

DRCOG, with key regional stakeholders, is completing a Regional Transportation Operations & Technology (RTO&T) Strategic Plan. The development of the “operational concept” for regional transportation day-to-day operations was reviewed with the working group at the April and June meetings. The operational concept builds from planning guidance provided in the DRCOG Metro Vision Plan and the Mobility Choice Blueprint echoing the theme of collaborative, integrated and regional operations.

This strategic plan will provide guidance for the upcoming call-for-projects for the RTO&T Set-Aside. The call for projects is scheduled to follow early in 2023. AMP partner agency staff will continue to be updated on the progress and implementation of the plan through engagement with the AMP Working Group.

ATTACHMENTS

N/A

ADDITIONAL INFORMATION

For additional information, please contact Greg MacKinnon, Transportation Operations Program Manager, DRCOG at gmackinnon@drcog.org.



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DATE: October 4, 2022
TO: AMP Working Group
FROM: Kalie Fallon, Emerging Mobility and TDM Planner, DRCOG
SUBJECT: USDOT Funding Opportunities
ACTION: Information

SUMMARY

The AMP Working Group will receive an update on several current transportation technology-related USDOT funding opportunities:

- The USDOT **Strengthening Mobility and Revolutionizing Transportation (SMART)** grants program was established in the Bipartisan Infrastructure Law and includes \$100 million appropriated annually for fiscal years 2022-2026. The SMART Notice of Funding Opportunity is now open and applications must be submitted by November 18, 2022.¹
- The USDOT **Advanced Transportation Technology and Innovation (ATTAIN)** program was established to “promote advanced technologies to improve safety and reduce travel times for drives and transit riders that can serve as national examples.”² The ATTAIN Notice of Funding Opportunity is now open and applications must be submitted by November 18, 2022.²

USDOT recently released a competitive grant program matrix which outlines many of the forthcoming funding opportunities.³

DRCOG is able to provide letters of support to agencies in the Denver region applying for these grants. Please reach out to Cam Kennedy at ckennedy@drcog.org for more information about the process to request a letter of support before November 1, 2022 if your agency is applying.

ATTACHMENTS

2022 USDOT Discretionary Grant Programs Letter of Support Request

ADDITIONAL INFORMATION

For additional information, please contact Kalie Fallon, Emerging Mobility and TDM Planner, DRCOG at kfallon@drcog.org.

¹ <https://www.transportation.gov/grants/SMART>

² <https://www.transportation.gov/briefing-room/biden-harris-administration-announces-160-million-available-smart-transportation>

³ https://www.fhwa.dot.gov/bipartisan-infrastructure-law/grant_programs.cfm



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2022 USDOT Discretionary Grant Programs

Letter of Support Request

In an effort to collaborate with partners throughout the region and maximize transparency in who DRCOG is providing Letters of Support for, DRCOG requests that USDOT discretionary grant proposals in the Denver region be submitted for Transportation Advisory Committee (TAC) review at the November 14, 2022 meeting for information and discussion – ***not approval***. This form is for the following discretionary grant funding opportunities:

- **Strengthening Mobility and Revolutionizing Transportation (SMART)**: \$100 million program available for Stage 1 (Planning and Prototyping) projects associated with purpose-driven innovation focused on advanced smart city or community technologies and systems to improve transportation efficiency and safety. *Applications are due Friday, November 18, 2022 by 5pm EST.*
- **Advanced Transportation Technologies and Innovation (ATTAIN)**: \$60 million program, previously named Advanced Transportation and Congestion Management Technologies Deployment (ATCMTD), available to projects that promote advanced technologies to improve safety and reduce travel times for drivers and transit riders. *Applications are due Friday, November 18, 2022 at 11:59pm EST.*
- **Reconnecting Communities Pilot (RCP) Program**: \$195 million program available for projects that reconnect communities by removing, retrofitting or mitigating transportation facilities such as highways and rail lines that create barriers to community connectivity including mobility, access or economic development. *Applications are due by Thursday, October 13, 2022 at 11:59pm EST.*



All projects will be presented to the TAC at their November meeting. In order for DRCOG to consider providing a letter of support for a project, this form must be submitted by the deadline as described below by funding opportunity.

For Reconnecting Communities Pilot Program projects, please submit this form to ckennedy@drcog.org by 5:00pm MST on October 3, 2022 in order for DRCOG to review and prepare a Letter of Support for your project.

For SMART or ATTAIN projects, please submit this form to ckennedy@drcog.org by 5:00pm MST on November 1, 2022 in order for DRCOG to review and prepare a Letter of Support for your project.

Agency:

Contact:

Project Name:

Project Limit:

Project Description:

Total Project Cost:

Grant Funding Request: