AGENDA

WORKING GROUP
Tuesday, November 1, 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/meeting/register/tZYkf-yqrj0oHtYt-yUNG_yv6V5TF_co27To

1. Welcome and Introductions

2. Informational Briefing
   Curb Management Strategies in Seattle
   Brian Hamlin, Curbside Management Strategic Advisor, Seattle Department of Transportation

   CDOT Office of Innovative Mobility Grants
   Andy Geleske, Innovative Mobility Project Coordinator, CDOT
   Sina Zhen, Electrification and Energy Project Manager, CDOT

   Reimagine RTD
   Brian Welch, Senior Manager of Planning Technical Services, RTD

3. 2023 Meeting Calendar

4. Partner Agency Updates and Other Matters

5. Next Meeting: December 6

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.
WORKING GROUP
Tuesday, October 5, 2022
2:30 p.m.

Denver Regional Council of Governments
held remotely via Zoom

MEETING SUMMARY

Attendees
Aditi Misra, CU Denver
Andy Geleske, CDOT
Anna Bunce, City of Centennial
Ashley Nylen, CDOT
Carson Priest, Smart Commute Metro North
Christina Lane, Jefferson County
Dan Merritt, RTD
Doug Monroe, RTD
Emily Kleinfelter, DRCOG
Emily Lindsey, DRCOG
Flo Raitano, DRCOG
Greg MacKinnon, DRCOG
Heather Pickering-Hilgers, CDOT
Jan Rowe, CDOT
Jonathan Wade, RTD
Josh Schwenk, DRCOG

Kalie Fallon, DRCOG
Karl Packer, Arapahoe County
Kellee Van Bruggen, City of Arvada
Kristin Kenyon, FTA
Lisa Streisfeld, CDOT
Melanie Ward, City of Centennial
Michael King, CDOT
Robert Spotts, DRCOG
Ron Papsdorf, DRCOG
Sebastian Montenegro, Felsburg Holt & Ullevig
Sina Zhen, CDOT
Steve Cook, DRCOG
Tegan Rice, RTD
Wes Marshall, CU Denver
William Haas, FHWA

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. Ashley Nylen, CDOT, indicated that CDOT would be able to provide support as the Vice Chair for the remainder of the 2022 calendar year. Emily Lindsey mentioned that the next formal election for the Chair and Vice Chair will be held in January 2023.
3. Informational Briefings

**WDZx Project, CDOT**

Ashley Nylen, CDOT, presented on the Colorado Work Zone Data Exchange Program (WDZx). WDZx is a federal effort created by USDOT and FHWA in 2020 in which transportation organizations were encouraged to apply for funding in order to develop an internal work zone data exchange feed. The purpose of WDZx is to develop a data feed that collects and communicates the real time, dynamic nature of work zones and shares this data widely in order to improve safety of work zones. Ultimately, WDZx standardizes the way that CDOT manages and shares work zone data across infrastructure owner operators. The Office of Innovative Mobility serves as the product owner of CDOT’s WDZx.

WDZx lives within CDOT’s real time data hub. The real time data hub is a part of CDOT’s digital architecture and information systems. There are several translators that are in WDZx and bi-directional flow of data. Translators are hosted in the Google Cloud as Dataflows. Currently, WDZx data is publicly available and can be downloaded from COtrip or USDOT. There are two main inputs of feed data: production feed (planned lane closures) and experimental feed (real time data). Production feed data includes location, lane impacts, start and end times, mile markers, description, event ID, direction, and type. The Production feed is the primary data feed. Experimental feed data includes automatic vehicle location, work zone status, and work zone speed. Inputted planned work zone information is available to the public traveler information system (COtrip) within minutes.

In total, there were 13 WDZx grants awarded across the nation to state DOTs and counties. The grant timeline was 14 months to deliver. WDZx has allowed CDOT to assess current data quality and continue to improve the overall data strategy.

4. AMP Focus Area: System Operations

**DRCOG Regional Transportation Operations and Technology Strategic Plan**

Greg MacKinnon, DRCOG, gave an update on DRCOG’s Regional Transportation Operations and Technology Strategic Plan. The purpose of the document is to guide DRCOG’s efforts in deploying technology, coordinating systems procedures and operations, and to safely and effectively manage the multimodal transportation system. The document has been distributed for peer review to the Regional Transportation Operations working group and the Advanced Mobility Partnership working group.

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1 [https://www.transportation.gov/av/data/wzdx](https://www.transportation.gov/av/data/wzdx)
2 [https://maps.cotrip.org/@-106.34053,39.2679,8?show=roadWork,winterDriving,roadReports](https://maps.cotrip.org/@-106.34053,39.2679,8?show=roadWork,winterDriving,roadReports)
New updates to the document include the presentation of the current state of regional transportation operations and the subsequent regional transportation operations needs. A Dropbox link to a PDF copy of the document has been shared with AMP members for comments. Comments are requested by close of business on October 14, 2022. Participants are asked to email Mr. MacKinnon a copy of their edited PDF. The call for projects will commence early 2023.

5. USDOT Funding Opportunity Coordination
SMART Grants Program, ATTAIN Grants Program, and ADAS Grants
Emily Lindsey, DRCOG, gave an overview of three federal discretionary grant programs through the US Department of Transportation that are related to transportation technology and mobility choice blueprint.

The Strengthening Mobility and Revolutionizing Transportation (SMART) Notice of Funding Opportunity is now open[^3]. Applications are due November 18, 2022. There is $100 million available for the first round, entirely devoted to planning and prototyping activities. No match funding required. Future funding rounds will include both planning and implementation.

The Advanced Transportation Technology and Innovation (ATTAIN) Notice of Funding Opportunity is now open[^4]. Applications are due November 18, 2022. There is $60 million available over two – four years. Match funding is required. Stages include planning and project delivery.

The Advanced Driver Assistance Systems (ADAS) for Transit Buses Demonstration and Automated Transit Bus Maintenance and Yard Operations Demonstration Notice of Funding Opportunity is now open[^5]. Applications are due November 21, 2022. There is $6.5 million available and match funding is required. Applications are for Phase 1 (proof of concept) only.

DRCOG can provide letters of support for agency projects, both collaborative and individual for projects that align with DRCOG’s regional goals. A Letter of Support Request Form is required and must be submitted for Transportation Advisory Committee (TAC) review at the November 14, 2022, meeting for information and discussion. Anyone with questions or ideas for regional partnerships are encouraged to contact Ms. Lindsey or Mr. MacKinnon.

[^3]: https://www.transportation.gov/grants/SMART
6. **Partner Agency Updates and Other Matters**  
There were no additional partner agency updates or other matters discussed at the October meeting.

7. **Next Meeting and Adjournment**  
Ms. Lindsey thanked everyone for participating in the meeting. The next is November 1\textsuperscript{st}, 2022.
The AMP Working Group will have three informational briefings at the November meeting:

**Curb Management Strategies in Seattle**
Brian Hamlin, Strategic Advisor for the Seattle Department of Transportation’s Curbside Management Program, will present on Seattle’s strategies for equitable curb use.

**CDOT Office of Innovative Mobility Grants**
Andy Geleske, Innovative Mobility Project Coordinator, and Sina Zhen, Electrification and Energy Project Manager at CDOT, will present on the expanded Office of Innovative Mobility grant opportunities.¹

**Reimagine RTD**
Brian Welch, Senior Manager of Planning Technical Services at RTD will present on updates to Reimagine RTD.²

**ATTACHMENT(S)**
N/A

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

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¹ [https://www.codot.gov/programs/innovativemobility/grants/overview](https://www.codot.gov/programs/innovativemobility/grants/overview)
² [https://www.rtd-denver.com/reimagine](https://www.rtd-denver.com/reimagine)
DATE: November 1, 2023
TO: AMP Working Group
FROM: Kalie Fallon, Emerging Mobility and TDM Planner, DRCOG
SUBJECT: AMP Working Group 2023 Meeting Calendar
ACTION: Information

SUMMARY
The AMP Working Group meets monthly on the first Tuesday at 2:30pm. The AMP Working Group meeting schedule for calendar year 2023 is as follows:

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<th>2023 Calendar</th>
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ATTACHMENT(S)
N/A

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