



ADVANCED
MOBILITY
PARTNERSHIP

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/join/zoom/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.



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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	Kalie Fallon, DRCOG
Andy Geleske, CDOT	Karl Packer, Arapahoe County
Anna Bunce, City of Centennial	Kellee Van Bruggen, City of Arvada
Ashley Nysten, CDOT	Kristin Kenyon, FTA
Carson Priest, Smart Commute Metro North	Lisa Streisfeld, CDOT
Christina Lane, Jefferson County	Melanie Ward, City of Centennial
Dan Merritt, RTD	Michael King, CDOT
Doug Monroe, RTD	Robert Spotts, DRCOG
Emily Kleinfelter, DRCOG	Ron Papsdorf, DRCOG
Emily Lindsey, DRCOG	Sebastian Montenegro, Felsburg Holt & Ullevig
Flo Raitano, DRCOG	Sina Zhen, CDOT
Greg MacKinnon, DRCOG	Steve Cook, DRCOG
Heather Pickering-Hilgers, CDOT	Tegan Rice, RTD
Jan Rowe, CDOT	Wes Marshall, CU Denver
Jonathan Wade, RTD	William Haas, FHWA
Josh Schwenk, DRCOG	

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 Nysten, 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.



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3. Informational Briefings

WZDx Project, CDOT

Ashley Nysten, CDOT, presented on the Colorado Work Zone Data Exchange Program (WZDx)¹. WZDx 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 WZDx 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, WZDx 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 WZDx.

WZDx 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 WZDx and bi-directional flow of data. Translators are hosted in the Google Cloud as Dataflows. Currently, WZDx data is publicly available and can be downloaded from COtrip or USDOT². 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 WZDx grants awarded across the nation to state DOTs and counties. The grant timeline was 14 months to deliver. WZDx 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.

¹ <https://www.transportation.gov/av/data/wzdx>

² <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 open³. Applications are due November 18, 2022. There is \$100 million is 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 open⁴. 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 open⁵. Applications are due November 21, 2022. There is \$6.5million 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>

⁴ <https://www.grants.gov/web/grants/view-opportunity.html?oppld=343624>

⁵ <https://www.transit.dot.gov/notices-funding/fiscal-year-2022-advanced-driver-assistance-systems-adas-transit-buses>





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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 1st, 2022.

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DATE: November 1, 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 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.

¹ <https://www.codot.gov/programs/innovativemobility/grants/overview>

² <https://www.rtd-denver.com/reimagine>



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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:

<u>2023 Calendar</u>
January 3
February 7
March 7
April 4
May 9
June 6
July 4
August 8
September 5
October 3
November 7
December 5

ATTACHMENT(S)

N/A

ADDITIONAL INFORMATION

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



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