



ADVANCED
MOBILITY
PARTNERSHIP

WORKING GROUP
Tuesday, February 7, 2023
2:30 p.m.

Denver Regional Council of Governments
held remotely via Zoom

MEETING SUMMARY

Attendees

Brodie Ayers, DEN	Kerby Olsen, Oakland DOT
Clara Bechtel, RTD	Heather Pickering-Hilgers, CDOT
Anna Bunce, City of Centennial	Flo Raitano, DRCOG
Adam Burg, DMCC	Jan Rowe, CDOT
Steve Cook, DRCOG	Josh Schwenk, DRCOG
Kalie Fallon, DRCOG	Alvin Stamp, CDOT
William Haas, FHWA	Valeria Trujillo, CDOT
Michael King, CDOT	Katherine Vlajcic, CDOT
Emily Kleinfelter, DRCOG	Jonathan Wade, RTD
Emily Lindsey, DRCOG	Melanie Ward, City of Centennial
Greg MacKinnon, DRCOG	Matt Wempe, City of Golden
Wes Marshall, CU Denver	Tom Worker-Braddock, City of Aurora
Aditi Misra, CU Denver	Sina Zhen, CDOT
Lisa Nguyen, DEN	

1. Welcome and Introductions

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

2. Informational Briefings

Oakland Department of Transportation, Curb Management in the City of Oakland
Kerby Olsen, Oakland Department of Transportation, gave an overview of the City's emerging curbside management practices and policies.¹ Currently, many commercial loading zones throughout the city are not priced and therefore full of illegal parkers. Additionally, there are inconsistencies in how parking and loading zones are implemented and tracked throughout the city. This results in safety, efficiency, and access challenges for both operators and non-operators. For example, a new bus rapid transit (BRT) project

¹ <https://www.oaklandca.gov/topics/park-oakland>



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in the city is frequently delayed by commercial vehicles that are double parked in the bus lane. As a result, the main goal of the City's program is to reduce illegal parking and increase efficiency and safety.

There are several emerging technologies and tools that the City has begun to leverage in order to manage curbside loading and parking. These include GPS enabled vehicles, software platforms that visualize parking data (Populus), industry-wide Curb Data Specification (CDS), yellow capped meters and Automated License Plate Readers (ALPR). Particularly helpful is Populus's data platform, which allows the city to see real time parking data and automatically calculates quarterly use of parking meters.

The proposed solution by the City includes pricing all yellow commercial loading zones in which users can pay via physical yellow capped meters and/or a digital permit. The digital permit program will allow commercial vehicles to provide their GPS data and get a quarterly bill for their use of parking rather than paying at the meter each time. Additionally, GPS data from the permit program will inform the location and installation of future loading zones and future curb policies. Operators who have the technology to process the city's data will then be able to have a real-time overview of events happening at Oakland's curbs. Finally, the City will gain increased revenue through parking fees.

Through their outreach efforts, the City gained support for their proposed program from Business Improvement Districts (BIDs), the Chamber of Commerce, the Oakland Indie Alliance, and the Bicycle and Pedestrian Advisory Committee. The proposal passed through City Council in January of 2023 and the permit program is set to be implemented in late Spring 2023.

3. Electrification Briefing

Mike King, CDOT, gave an update on Colorado's Electric Vehicle statewide programs and targets. For context, Colorado's 2020 Electric Vehicle Plan established a target of 940,000 registered EVs by 2030.² Colorado also has a goal of converting all transit vehicles in the state to ZEVs, with 1,000 transit ZEVs by 2030. The recent Clean Truck Strategy established a new target of 35,000 medium and heavy-duty ZEVs by 2030.³ As of January 2023, there are 72,000 EVs in Colorado. As of 2021, Colorado was ranked 7th in the nation for total number of EVs.

There are currently 231 existing DC Fast Charging stations in Colorado. The state has a goal to ensure that 100% of the state is within 30 miles of a DC Fast EV charging station. Currently, the state is at 70% coverage with a target to reach 80% coverage by June 30, 2023. Moreover, CDOT is working with the Colorado Energy Office (CEO) and the

² <https://energyoffice.colorado.gov/zero-emission-vehicles/colorado-ev-plan-2020>

³ <https://freight.colorado.gov/sustainability/clean-truck-strategy#:~:text=The%20Colorado%20Clean%20Truck%20Strategy's,Investing%20in%20charging%20infrastructure>





Colorado Tourism Office to make all 26 scenic byways EV-Ready by placing DC Fast Chargers every 100 miles along every byway.⁴ Currently, 13 of the byways are completed. CDOT has a target to complete 5 more for a total of 18 scenic byways by June 30, 2023.

The DC Fast-Charging Plazas Program now includes funding from the federal NEVI Program and the state Community Access Enterprise.⁵ The RFA will be released in early 2023 with semiannual RFAs to follow. CDOT has established a NEVI Program website to help potential applicants prepare for the upcoming RFA.⁶ Additionally, the Charge Ahead Colorado Program continues to host 3 application rounds per year for Level 2 and smaller Level 3 charging projects statewide.⁷

CDOT's Office of Innovative Mobility (OIM) continues to work with CDOT's Division of Transit and Rail, CEO, Colorado Department of Public Health and Environment (CDPHE), and other stakeholders to expand EV charging infrastructure and electrify medium and heavy-duty fleets across the state. Additionally, OIM is working with partner agencies around the state to increase education and awareness around EVs, ZEV workforce development and grant opportunities. CDOT and partner agencies are preparing to apply for additional competitive federal funding from the IIJA when it becomes available.

4. Election of Officers

Emily Lindsey, DRCOG, opened the floor for AMP partners to express interest in fulfilling the Vice Chair and Chair positions. Ms. Lindsey is the current Chair of the AMP Working Group. The responsibilities of the Chair and Vice Chair positions include facilitating the AMP Working Group meetings. DRCOG will continue to host and coordinate speakers. If interested, please reach out to Ms. Lindsey.

5. Meeting Formats

Emily Lindsey, DRCOG, opened the floor for AMP partners to express their interest in meeting virtually or in-person. Virtual meetings tend to work well for informational briefings and allow the AMP Working Group to easily invite guest speakers. However, in-person meetings and special trips are being considered, with an upcoming trip to DEN Airport scheduled for the May AMP Working Group meeting. If anyone has suggestions for site visits or in-person meetings, please reach out to Ms. Lindsey or Ms. Fallon.

6. Partner Agency Updates and Other Matters

Ms. Lindsey noted that DRCOG is hiring a Senior Active Transportation Planner and to please spread the word. There were no other partner agency updates discussed at the February meeting.

⁴ <https://energyoffice.colorado.gov/transportation/grants-incentives/ev-fast-charging-corridors>

⁵ <https://energyoffice.colorado.gov/zero-emissions-vehicles/ev-fast-charging-plazas>

⁶ <https://www.codot.gov/programs/innovativemobility/electrification/nevi-plan>

⁷ <https://energyoffice.colorado.gov/transportation/grants-incentives/charge-ahead-colorado>





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7. Next Meeting and Adjournment

Ms. Lindsey thanked everyone for participating in the meeting. The March meeting has been cancelled. The next meeting is April 4, 2023.

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DATE: April 4, 2023
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 April meeting:

CDOT OIM Grant Updates

In late 2022, CDOT's Office of Innovative Mobility (OIM) put out a call for projects to help stakeholders with financial assistance to implement programs and projects to support the goals and objectives of OIM's core mission.¹ The OIM received a total of 50 applications, and 24 projects were awarded during this grant cycle. Andy Geleske, CDOT, and John Marcantonio, CDOT, will present an update on the projects awarded.

ATTACHMENT(S)

N/A

ADDITIONAL INFORMATION

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

¹ [Office of Innovative Mobility \(OIM\) Grants — Colorado Department of Transportation \(codot.gov\)](https://www.codot.gov/office-of-innovative-mobility/grants)



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DATE: April 4, 2023
TO: AMP Working Group
FROM: Kalie Fallon, Emerging Mobility and Planner, DRCOG
SUBJECT: DRCOG's Innovative Mobility Set-Aside
ACTION: Discussion

SUMMARY

The AMP Working Group will discuss a new, upcoming DRCOG Set-Aside funding opportunity. The Innovative Mobility Set-Aside is one of the programs under the new Corridors, Community, Livability, and Innovation Planning (CCLIP) Set-Aside program.¹ The Innovative Mobility Set-Aside includes a total of \$4 million across fiscal years 2024 – 2027. Solicitation for fiscal years 2024 – 2025 is expected to open in late 2023.²

The Innovative Mobility Set-Aside is focused on planning for and developing innovative solutions for mobility problems throughout the region, with a focus on innovative mobility preparedness, planning, demonstrations and pilots. This set-aside will support the implementation of Metro Vision Regional Transportation Plan priorities and outcomes and themes from Mobility Choice Blueprint.

ATTACHMENTS

N/A

ADDITIONAL INFORMATION

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

¹ <https://drcog.org/planning-great-region/transportation-planning/transportation-improvement-program/transportation-0>

² https://drcog.org/sites/default/files/24-27_TIP_Set-Aside_Guideline_Policy-Adopted_March_2023.pdf





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DATE: April 4, 2023
TO: AMP Working Group
FROM: Kalie Fallon, Emerging Mobility and TDM Planner, DRCOG
SUBJECT: Next Meeting: May 2, 2023
ACTION: Information

SUMMARY

The May 2, 2023 AMP Working Group meeting will be held **in person at the DEN Airport from 2:30pm – 5:00pm**. The site-visit will include speakers on exciting topics like DEN's Vision 100 Strategic Plan, Peña Master Plan, DEN Real Estate and airfield operations.^{1 2} Attendees must RSVP by April 18, 2023, please reach out to Kalie Fallon for more information.

ATTACHMENTS

N/A

ADDITIONAL INFORMATION

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

¹<https://www.flydenver.com/vision100#:~:text=What%20is%20Vision%20100%3F,the%20next%20%2D10%20years.>

²https://www.flydenver.com/pena_plan



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