



ADVANCED
MOBILITY
PARTNERSHIP

AGENDA

WORKING GROUP
Tuesday, June 1, 2021
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://zoom.us/meeting/register/JAoce6rqzliGdzzVFyzaETH5fThVvin6VHP](https://zoom.us/join/zoom/register/JAoce6rqzliGdzzVFyzaETH5fThVvin6VHP)

- 1. Welcome and Introductions**
- 2. Informational Briefings**
 - CDOT Open Data Portal*
Nell Conti, CDOT
Shelley Broadway, CDOT
 - Colorado Connected Vehicle Program*
Ashley Nysten, CDOT
 - Transit Emissions Dashboard Update*
Lisa Streisfeld, CDOT
- 3. AMP Focus Area Updates**
- 4. Partner Agency Updates/Other Matters**
- 5. Next Meeting: July 6, 2021**



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WORKING GROUP
Tuesday, May 4, 2021
2:30 p.m.

Denver Regional Council of Governments
held remotely via Zoom

MEETING SUMMARY

Attendees

Melissa Balding, DRCOG

Rachel Bolin, CDOT

Angel Bond, Boulder County

Jennifer Carpenter, Michael Baker
International

Rob Colosimo, HNTB

Steve Cook, DRCOG

Jay Decker, City and County of Denver

Matt Duncan, City of Lakewood

John Featherstone, CDOT

Amy Ford, CDOT

William Haas, FHWA

Paul Hamilton, RTD

Will Johnson, HDR

Michael King, CDOT

Christina Lane, Jefferson County

Emily Lindsey, DRCOG

Greg MacKinnon, DRCOG

Doug Monroe, RTD

Lisa Nguyen, Denver International Airport

Ashley Nysten, CDOT

Ron Papsdorf, DRCOG

Chris Primus, HDR

Flo Raitano, DRCOG

Walter Scheib, CDOT

Josh Schwenk, DRCOG

Stephanie Seki, Populus

Josh Sperling, NREL

Lauren Spath-Luhning, NREL

Ashley Summers, DRCOG

Li-Wei Tung, RTD

Melanie Ward, City of Centennial

Brian Welch, RTD

Tom Worker-Braddock, City of Aurora

1. Welcome and Introductions

Ashley Nysten welcomed attendees to the Advanced Mobility Partnership (AMP) Working Group and announced attendees.

2. AMP Focus Area: System Operations

Regional Transportation Operations Plan: Visioning

Greg MacKinnon, DRCOG provided an overview of the visioning process for the upcoming Regional Transportation Operations Plan and provided an opportunity for AMP members to provide input on the vision. Responses from AMP members as well as other stakeholder engagement, including the Regional Transportation Operations Working Group, will help shape the vision which sets the foundation for this plan.



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Transit Priority in the Denver Region

Doug Monroe, RTD and Li-Wei Tung, RTD gave an overview of RTD's efforts to implement Transit Signal Priority (TSP) in the Denver region.¹ TSP involves extending the green phase of a signal when a bus is approaching and cycling to a green phase early to allow a bus to pass through. They provided an overview of how feasibility of installing TSP at an intersection is determined, as well as the technical components at each intersection and on vehicles. TSP has currently been installed on Colfax Ave. between Broadway and Yosemite St. in Denver and on US-36 between Church Ranch Blvd. and Sheridan Blvd. in Westminster. More are planned to be installed next year along Havana St. from Montview Blvd. to Parker Rd. in Aurora and Federal Blvd. in Denver. Performance monitoring has found generally positive impacts on transit performance along the corridors where TSP has been installed. Next steps include a project to implement conditional TSP (where priority is only activated when certain conditions are met), new software to allow RTD to monitor and manage TSP in real time, and a new data warehouse to collect all TSP data.

3. Discussion

Future of Work

Rachel Bolin, CDOT facilitated an informal discussion on plans for return to in-person work and the future of commuting and telework in the Denver region. Themes included changed traffic patterns, opportunities for providing choice and changing people's travel behaviors, the technology requirements for hybrid (in-person/remote) work, and balancing returning transit ridership and reestablishing service.

4. AMP Focus Area Updates

Due to time limitations, focus area updates were not discussed during the meeting. Updates are provided here for informational purposes.

Shared Mobility

The RFP for the Connected Colorado multi-agency trip planner and fare payment app will be released in June to select a vendor.

Data and Data Sharing

The Data Platform Discovery Reports are now available on the AMP website.² The group is currently working on planning for a data scrum event to discuss use cases around a data sharing platform and tools to enable regional data collaboration.

System Operations

The Regional Transportation Operations Strategic Plan is currently underway which sets the foundation for tactical accounts associated with implementing smart control technology, coordinating Transportation Management Center (TMC) operations, and

¹ <https://www.rtd-denver.com/projects/transit-signal-priority>

² https://advancedmobilitypartnership.org/wp-content/uploads/2021/05/AMP_DATA_DISCOVERY.pdf





piloting Integrated Corridor Management (ICM). The group is monitoring transit priority implementation in the region and having internal conversations about pending ICM workshop.

5. Partner Agency Updates/Other Matters

Emily Lindsey, DRCOG and Ron Papsdorf, DRCOG informed AMP members of the notice of funding opportunity for federal Rebuilding American Infrastructure with Sustainability and Equity (RAISE) grants.³ Local agencies interested in applying who would like a DRCOG letter of support should attend DRCOG's June 28 Transportation Advisory Committee meeting to share their plans and collaborate with regional partners.

Ms. Lindsey also noted that the comment deadline on the Manual on Uniform Traffic Control Devices (MUTCD) updates are due May 14. Ms. Lindsey also informed AMP members of an upcoming webinar from Colorado State University, Colorado Smart Cities Alliance, and Denver Metro Clean Cities Coalition on the energy benefits of connected and autonomous vehicles on May 20. Ms. Nylen announced that the new Colorado transportation bill SB 21-260⁴ was formally unveiled at a press conference earlier in the day.

6. Next Meeting and Adjournment

Ms. Nylen thanked everyone for participating in the meeting. The next meeting is June 1, 2021.

³ <https://www.transportation.gov/RAISEgrants>

⁴ <https://leg.colorado.gov/bills/sb21-260>





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DATE: June 1, 2021
TO: AMP Working Group
FROM: Emily Lindsey, Transportation Technology Strategist, DRCOG
SUBJECT: Informational Briefings
ACTION: Information

SUMMARY

The AMP Working Group will have three informational briefings at the June meeting:

CDOT Open Data Portal

Nell Conti and Shelley Broadway from the Colorado Department of Transportation will provide a briefing on a new CDOT tool, the Open Data Portal.¹

Colorado Connected Vehicle Program

Ashley Nylen, Assistant Director of Mobility Technology at the Colorado Department of Transportation will provide a briefing on the statewide connected vehicle program.²

Transit Emissions Dashboard

Lisa Streisfeld, Assistant Director of Mobility Services at the Colorado Department of Transportation will provide a briefing on the transit emissions dashboard project.

ATTACHMENT(S)

N/A

ADDITIONAL INFORMATION

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

¹ <https://www.arcgis.com/home/group.html?id=340d7efb91bd4b93876ee3e15e18cdde#overview>

² <https://www.codot.gov/programs/innovativemobility/mobility-technology/connected-vehicles>



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DATE: June 1, 2021
TO: AMP Working Group
FROM: Emily Lindsey, Transportation Technology Strategist, DRCOG
SUBJECT: AMP Focus Area Updates
ACTION: Discussion

SUMMARY

At the June meeting of the AMP Working Group each steering committee lead will provide an update on the applicable next steps and information about what to expect moving forward. The lead/co-leads by focus area are:

- **Shared Mobility:** led by Rachel Bolin, CDOT
- **Data and Data Sharing** led by Ashley Nylen, CDOT and Emily Lindsey, DRCOG
- **System Operations** led by Greg MacKinnon, DRCOG

ATTACHMENTS

N/A

ADDITIONAL INFORMATION

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

