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## AGENDA

**WORKING GROUP**  
**Tuesday, January 5, 2021**  
**2:30 p.m.**

### **Remote Meeting**

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

Please use this link to join:

<https://global.gotomeeting.com/join/583680317>

- 1. Welcome and Introductions**
- 2. Election of Officers**
- 3. AMP Executive Committee Report**  
Brian Welch, Senior Manager of Planning Technical Services, RTD
- 4. AMP Focus Area Updates**  
*Data and Data Sharing*  
Ashley Nylen, Assistant Director of Mobility Technology, CDOT  
Emily Lindsey, Transportation Technology Strategist, DRCOG  
  
*Shared Mobility*  
Paul DesRocher, Planning Coordination Manager, RTD  
  
*System Operations*  
Greg MacKinnon, Regional Transportation Operations Manager, DRCOG
- 5. AMP Working Group 2021 Calendar**
- 6. Other Matters/Partner Agency Updates**
- 7. Next Meeting: February 2, 2021**





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**WORKING GROUP**  
**Tuesday, December 1, 2020**  
**2:30 p.m.**

**Denver Regional Council of Governments**  
**held remotely via GoToMeeting**

**MEETING SUMMARY**

**Attendees**

Tonya Anderson, RTD	Emily Lindsey, DRCOG
Melissa Balding, DRCOG	Wes Marshall, UTAC Representative
Angel Bond, Boulder County	Ashley Nysten, CDOT
Jessica Carson, E-470 Public Highway Authority	Ravi Palakurthy, RTD
Barb Cohn, CDOT	Carson Priest, Smart Commute Metro North
Steve Cook, DRCOG	Flo Raitano, DRCOG
Matt Duncan, RTO Representative, City of Lakewood	Tegan Rice, RTD
Paul DesRocher, RTD	Erik Sabina, CDOT
Tony Filipiak, OIT	Josh Schwenk, DRCOG
Amy Ford, ITS America	Steph Seki, Populus
Jason Freitas, Parsons	K. Shankari
Max Gesten, CDOT	Rahul Sood, RTD
Kalpana Hanumantharao, OIT	Josh Sperling, NREL
Paul Hamilton, RTD	Robert Spotts, DRCOG
Sarah Harrison, CDOT	Celeste Stragand, Ford
Huy Huynh, CDOT	Lisa Streisfeld, CDOT
Johanna Jamison, Colorado Smart Cities Alliance	Ashley Summers, DRCOG
Dorothy Jones, Denver Metro Chamber	Tyler Svitak, Colorado Smart Cities Alliance
Milo Knezevic, OIT	Jonathan Wade, RTD
Christina Lane, Jefferson County	Melanie Ward, City of Centennial
Dave Levy, Mobilitynext	Brian Welch, RTD
	Tom Worker-Braddock, City of Aurora

**1. Welcome, Introductions and Announcements**

Brian Welch welcomed attendees to the Advanced Mobility Partnership (AMP) Working Group and Emily Lindsey announced attendees.



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## 2. AMP Focus Area: Data and Data Sharing in the Region

### *Data and Data Sharing at DRCOG*

Ashley Summers, Information Systems Manager at DRCOG, discussed DRCOG's efforts at data management and sharing. DRCOG's data efforts include the creation of datasets for which DRCOG is the authoritative source such as urban center geographic delineations, aerial & planimetric data, and the regional High Injury Network. DRCOG also enters into partnerships with other agencies to buy data products and compile local data into standardized regional datasets. Currently, DRCOG supplies metadata to the Colorado Information Marketplace to guide interested parties to DRCOG's available public datasets. Ms. Summers also discussed DRCOG's data management strategies including the agency-wide data privacy policy as well as the newly formed Data Management Committee that implements the policy and provides agency guidance.

### *Data and Data Sharing at RTD*

Rahul Sood, Chief Technology Officer at RTD, provided an overview of RTD's data strategy, noting that RTD focuses on the business outcomes of data usage, including improving customer experience and safety. Mr. Sood discussed RTD's use of an API to allow third party developers to use agency data to provide customers with vehicle arrival predictions, service alerts, etc.

### *Data and Data Sharing at CDOT*

Barb Cohn, Chief Data Officer at CDOT, & Huy Huynh, Chief Data Architect at CDOT, provided an overview of CDOT's Chief Data Office. Ms. Cohn noted some applications for the large amounts of data collected by CDOT and how data can provide solutions across the internal divisions of CDOT. Collaboration can unveil new use cases for existing datasets and lead to new ways to visualize and analyze data. Mr. Huynh discussed CDOT's efforts to collect and coordinate real-time data to shape organizational workflows and share with third-party developers to inform the public of work zones, etc. in real time. Additionally, CDOT archives its data in the Advanced Data Analytics Platform which allows significant analysis and visualization, and Mr. Huynh demonstrated several use cases that this data hub can provide.

### *Data and Data Sharing at OIT*

Kalpna Hanumantharao, Program Manager at the Governor's Office of Information Technology (OIT), provided an overview of the Colorado Information Marketplace (CIM). CIM is a repository of data from state agencies such as CDOT, DOLA, & CDPHE which is available for public use. Ms. Hanumantharao touched on some of the CIM's capabilities, including APIs and visualization tools.

## 3. Partner Agency Updates

Mr. Welch provided the group with several updates including: RTD has welcomed its new CEO and General Manager, Debra Johnson,<sup>1</sup> and this will be his last meeting as the chair of the AMP WG. He invited those interested in chairing the AMP WG to seek nomination. Ms. Lindsey informed

<sup>1</sup> <https://www.rtd-denver.com/news-stop/news/rtd-welcomes-new-ceo-and-general-manager-debra-johnson>





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working group members of an upcoming survey on regional data sharing visioning and discovery. Ms. Nysten updated the group on the FCC vote splitting the 5.9 GHz band for wi-fi uses.<sup>2</sup>

**4. Next Meeting and Adjournment**

Mr. Welch thanked everyone for participating in the meeting. The next meeting is January 5, 2021.

DRAFT

<sup>2</sup> <https://docs.fcc.gov/public/attachments/FCC-20-164A1.pdf>



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**DATE:** January 5, 2021  
**TO:** AMP Working Group  
**FROM:** Emily Lindsey, Transportation Technology Strategist, DRCOG  
**SUBJECT:** Election of Officers  
**ACTION:** Approve

#### **SUMMARY**

Many thanks to outgoing chair of the AMP Working Group, Brian Welch! For calendar year 2021, the AMP Working Group will elect a new chair and vice chair to lead and report out on the AMP Working Group. Nominations will be requested at the January meeting of the AMP Working Group for both chair and vice chair. Positions must be held by primary or alternate members from AMP partner agencies.

#### **ACTION**

Move to elect the Chair and Vice Chair of the AMP Working Group for calendar year 2021.

#### **ATTACHMENTS**

N/A

#### **ADDITIONAL INFORMATION**

For additional information, please contact Emily Lindsey, DRCOG at [elindsey@drcog.org](mailto:elindsey@drcog.org).



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**DATE:** January 5, 2021  
**TO:** AMP Working Group  
**FROM:** Brian Welch, Senior Manager of Planning Technical Services, RTD  
**SUBJECT:** AMP Executive Committee Report  
**ACTION:** Information

### SUMMARY

In support of the AMP, the AMP Executive Committee meets quarterly to collaborate on transportation technology-related efforts in the Denver region and advise the AMP Working Group. At the AMP Executive Committee's December meeting the group:

- Welcomed two new members of the Executive Committee – Debra Johnson the CEO/GM at RTD and Kay Kelly the Director of Innovative Mobility at CDOT;
- Received a briefing that include an AMP overview and recap of 2020 AMP initial activities;
- Reviewed progress made by in three focus areas: Shared Mobility, Data and Data Sharing and System Operations, and;
- Reviewed the 2021 calendar.

The next AMP Executive Committee meeting is scheduled for March.

### ATTACHMENTS

N/A

### ADDITIONAL INFORMATION

For additional information, please contact Brian Welch, RTD at [brian.welch@rtd-denver.com](mailto:brian.welch@rtd-denver.com).



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**DATE:** January 5, 2021  
**TO:** AMP Working Group  
**FROM:** Emily Lindsey, Transportation Technology Strategist, DRCOG  
**SUBJECT:** AMP Focus Area Updates  
**ACTION:** Discussion

#### SUMMARY

At the January 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 Paul DesRocher, RTD
- **Data and Data Sharing** led by Ashley Nysten, 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](mailto:elindsey@drcog.org).





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**DATE:** January 5, 2021  
**TO:** AMP Working Group  
**FROM:** Emily Lindsey, Transportation Technology Strategist  
**SUBJECT:** AMP Working Group 2021 Calendar  
**ACTION:** Information

**SUMMARY**

The AMP Working Group meets monthly on the first Tuesday of each month at 2:30pm. The meeting schedule for 2021 is as follows:

<u>2021 Calendar</u>
January 5
February 2
March 2
April 6
May 4
June 1
July 6
August 3
September 7
October 5
November 2
December 7

**ATTACHMENTS**

N/A

**ADDITIONAL INFORMATION**

For additional information, please contact Emily Lindsey, DRCOG at [elindsey@drcog.org](mailto:elindsey@drcog.org).



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