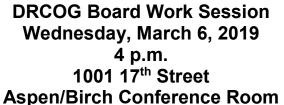
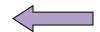


Executive Committee

Bob Fifer, Chair John Diak, Vice Chair Ashley Stolzmann, Secretary Kevin Flynn, Treasurer Herb Atchison, Immediate Past Chair Douglas W. Rex, Executive Director

AGENDA





- 1. Call to Order
- 2. Roll Call
- 3. Summary of October 3, 2018 Board Work Session (Attachment A)
- 4. **Public Comment**

The chair requests that there be no public comment on issues for which a prior public hearing has been held before the Board of Directors.

- 5. Discussion of Mobility Choice Blueprint (Attachment B) Jacob Riger, Long Range Transportation Planning Manager, Transportation Planning & Operations
- 6. **Discussion of Metro Vision Amendments** (Attachment C) Brad Calvert, Director, Regional Planning & Development
- 7. <u>Adjourn</u>

Persons in need of auxiliary aids or services, such as interpretation services or assisted listening devices, are asked to contact DRCOG at least 48 hours in advance of the meeting by calling (303) 480-6701



ATTACH A

BOARD WORK SESSION SUMMARY October 3, 2018

Directors present:

Herb Atchison, Chair Westminster

Jeff Baker Arapahoe County

Elise Jones Boulder County

David Beacom

Nicholas Williams

City and County of Broomfield
City and County of Denver
City and County of Denver

Aaron Brockett Boulder
Tammy Maurer Centennial
Steve Conklin Edgewater

Bill Gippe Erie

Daniel Dick Federal Heights

Jim Dale Golden

Ron Rakowsky Greenwood Village

Wynne Shaw Lone Tree Ashley Stolzmann Louisville John Diak Parker

Participating via Webex:

Roger Partridge Douglas County
Lynette Kelsey Georgetown
Stephanie Walton Lafayette
Karina Elrod Littleton

Others present: Doug Rex, Executive Director; Jamie Hartig, Douglas County; Kent Moorman, Thornton; Danny Herrmann, CDOT; and DRCOG staff.

Board Chair Herb Atchison facilitated the work session. The session began at 4:00 p.m.

Summary of September 5, 2018 Board Work Session

The summary was provided for review. No revisions to the summary were requested

Public Comment

No public comment was received.

Discussion of Active Transportation Plan

Emily Lindsey, Transportation Planner, provided an update on the DRCOG regional Active Transportation Plan. Staff anticipates releasing the draft document for public and stakeholder comment in October. The 30-day public comment period will include public outreach and stakeholder engagement. The document will be revised based on feedback received and will be presented to the DRCOG committees.

Discussion of Community Assessment Survey of Older Adults (CASOA)

Jayla Sanchez-Warren, Area Agency on Aging Director, provided an overview of the CASOA. The survey is a tool used in completing an Area Plan on Aging for 2020-2024.

Board Work Session Summary October 3, 2018 Page 2

The Area Plan is a federal requirement. DRCOG contracted with the National Research Center to conduct a region-wide survey of older adults. The objective of the survey is to identify community strengths, articulate specific needs of older adults, estimate the contribution of older adults and determine the connection of older adults in their community. Ms. Sanchez-Warren presented the regional analysis of the survey.

Discussion of FTA 5310 Designated Recipient

Matthew Helfant, Transportation Planner, provided an overview of the FTA 5310 program. The program funds projects to increase the mobility of older adults and individuals with disabilities. Eligible projects include both capital investment and operating assistance for service that goes beyond minimum Americans with Disabilities Act paratransit service requirements. DRCOG previously selected projects for this program and its predecessor program for several cycles for RTD. DRCOG's AAA also administers transportation projects funded through the Older Americans Act. The coordination of the two funding sources could significantly increase service efficiency, reduce duplication, and increase the number of trips provided. DRCOG staff has met with the Colorado Department of Transportation, Federal Transit Administration, Regional Transportation District, and stakeholders to obtain input and support. CDOT, FTA, and RTD have indicated support, and stakeholders have provided useful feedback. DRCOG staff are continuing discussions with stakeholders to address their questions and concerns.

The work session ended at 5:46 p.m.

ATTACH B

To: Chair and Members of the Board of Directors

From: Douglas W. Rex, Executive Director

303 480-6701 or drex@drcog.org

Meeting Date	Agenda Category	Agenda Item #
March 6, 2019	Discussion	5

SUBJECT

Briefing on the Mobility Choice Blueprint project and 2030 Blueprint Report.

PROPOSED ACTION/RECOMMENDATIONS

N/A

ACTION BY OTHERS

N/A

SUMMARY

Since the last Mobility Choice Blueprint briefing to the Board in September 2018, project stakeholders and the consultant team have completed the 2030 Blueprint Report (Attachment 1). The report focuses on the technical and community/engagement work undertaken to develop the Blueprint; the tactical actions that provide specific process, program, and pilot project implementation guidance; emerging mobility systems; and an overall implementation framework. The project team also developed a summary brochure and short video. All Mobility Choice Blueprint materials are available at the project website: http://www.mobilitychoiceblueprintstudy.com/.

Staff from HDR, the project's lead consultant, will provide a briefing on the Mobility Choice Blueprint project and Report. In addition, DRCOG staff will initiate a conversation about next steps towards implementing the tactical actions.

PREVIOUS DISCUSSIONS/ACTIONS

April 18, 2018 – Board of Directors

September 19, 2018 - Board of Directors

PROPOSED MOTION

N/A

ATTACHMENTS

- 1. Mobility Choice Blueprint Report
- 2. Consultant presentation
- 3. DRCOG staff presentation

ADDITIONAL INFORMATION

If you need additional information, please contact Douglas W. Rex, Executive Director, at (303) 480-6701 or drex@drcog.org; or Jacob Riger, Long Range Transportation Planning Manager at 303 480-6751 or iriger@drcog.org

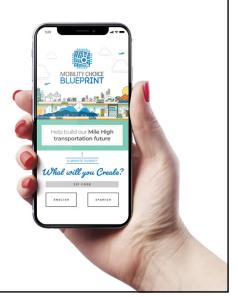




Community Engagement

- ✓ Inclusive citizen interviews
- ✓ Metro ambassadors
- ✓ Digital outreach
- ✓ Educational events
- ✓ Public workshops

2,000+ REACHED



What did we learn from your community?



Importance of mobility – it's a key enabler of quality of life



It's about more than infrastructure



Missing links create gaps to connectivity



Safety and security are critical

8



3



Regional Collaboration

Close institutional gaps, update legal and regulatory frameworks, and coordinate with private sector technology implementers



System Optimization

Connect transportation systems and vehicles with smart technologies to improve safety and operations

Objective 3

4



Shared Mobility

Integrate new options of vehicle sharing and ride sharing into the existing multimodal transportation system network



Data Security & Sharing

Analyze travel data from public and private mobility providers to improve transportation system performance while maintaining security and protecting privacy

Objective 5

5



Mobility Electrification

Encourage use of electric powertrains in automobiles and transit vehicles



Driverless Vehicle Preparation

Prepare for autonomous vehicles to provide safe operations and reduced congestion while retaining a sound human experience

Objective 7

6



New Transportation Funding

Establish new funding sources to replace traditional sources that are losing effectiveness



Initiator: DRCOG (18)

1.1 Establish Mobility Technology Advisory Committee

• 1.2 Establish a new P3 mobility entity or entities to pursue mobility technology implementation

1.3 Engage university resources to develop technology mobility research and development

• 1.6 Establish a regional smart mobility navigator

- 2.1 Evaluate technology upgrades and interoperability in transportation construction projects included in the TIP
- · 2.2 Prepare for technology upgrades and interoperability in transportation construction projects
- 2.5 Implement smart traffic signal control technology on all major regional arterial corridors
- 2.6 Pilot integrated corridor management (ICM) on 10 arterial corridors
- 3.2 Adopt a Regional Compact defining common standards for micromobility services
- 3.4 Implement Curbside Management Standards
- 3.5 Pilot neighborhood scale mobility hubs
- · 3.6 Partner with private sector to provide transportation in mobility challenged communities
- 4.1 Establish a Regional Mobility Data Platform
- 4.2 Establish data sharing requirements for private sector roadway uses
- 5.1 Incentivize TNCs to use electric vehicles
- 5.3 Establish an aggressive, agreed-upon goal to transition government fleets to zero-emission vehicles

13

- 6.2 Minimize zero occupancy and encourage high shared use of driverless automated vehicles
- 7.1 Expand DRCOG funding earmark for a mobility technology innovation fund

Regional Coordination

System Optimization

Shared Mobili

7

Data Security & Sharing

Regional Collaboration

Shared Mobility

3.2

8

1.1

Establish a mobility technology advisory committee

THEME

Funding & Finance Infrastructure Governance

TACTIC INITIATOR

CDOT, DRCOG, RTD , Denver Metro Chamber

ADDITIONAL PARTICIPANTS

New mobility entity



Adopt a regional compact defining common standards for micromobility services

THEME

Safety Infrastructure Governance

TACTIC INITIATOR

DRCOG

ADDITIONAL PARTICIPANTS

Cities, counties



Data Security & Sharing

4.1

Establish a regional mobility data platform

THEME

Human Experience Infrastructure Governance

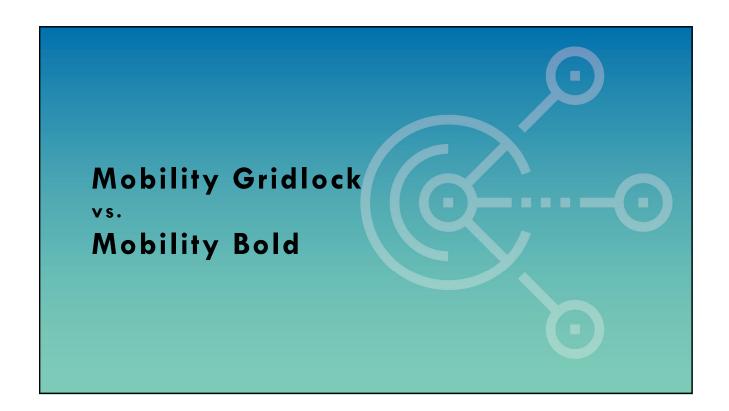
TACTIC INITIATOR

CDOT, DRCOG, RTD, Denver Metro Chamber

ADDITIONAL PARTICIPANTS

Cities, counties, National Renewable Energy Laboratory, universities, new mobility entity, Colorado Office of Information Technology





15

WHICH WILL BE OUR MOBILITY CHOICE?



- Gridlock & Disarray **Limited Access**
- **Economic Barriers**
 - Congestion





- **Economic Opportunity**
 - **Happier Commute**
- **Accessibility for All**
- **Options & Choice**







Meet our Mile High Travelers



MARIA is a 22-year-old mother who lives in Aurora. She is a student at Metro State University who also works part time at a restaurant in downtown Denver. Her pride and joy is her 4-year old son Gabriel, who is taken care of by Maria's mother each day.



TONYA is a 34-year-old Colorado native who lives in Boulder and is married with two young children.



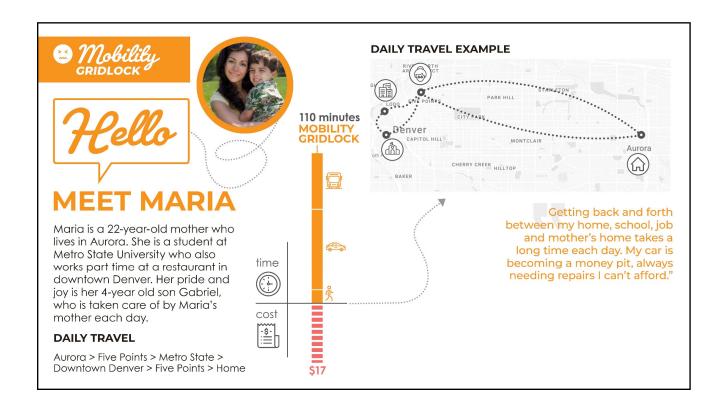
JORDAN is a 29-year-old who recently moved to Denver from the Bay Area. Central Denver is not affordable for him, so he bought a home in Parker, which also provides him a yard for his dog.

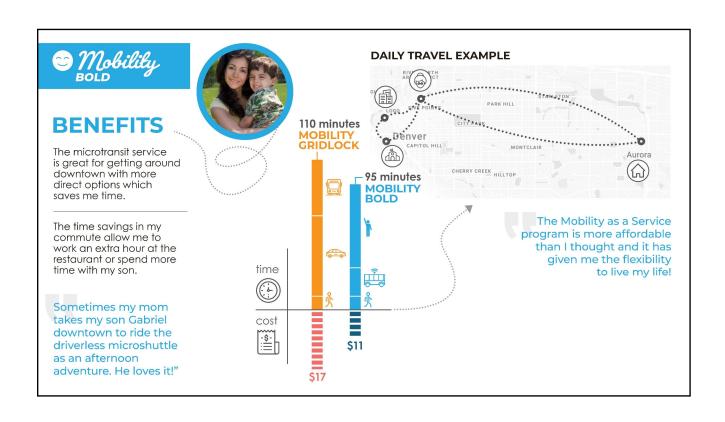


CARL is middle-aged and married with a teenage son. His biggest concern is a recent health issue that is beginning to limit his mobility and forcing him to walk with a cane.

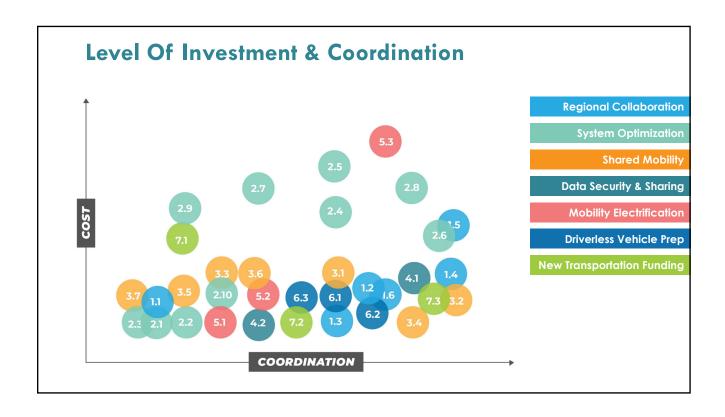


DAN is a 75-year-old semi-retired professor who is married and lives in a South Denver neighborhood.



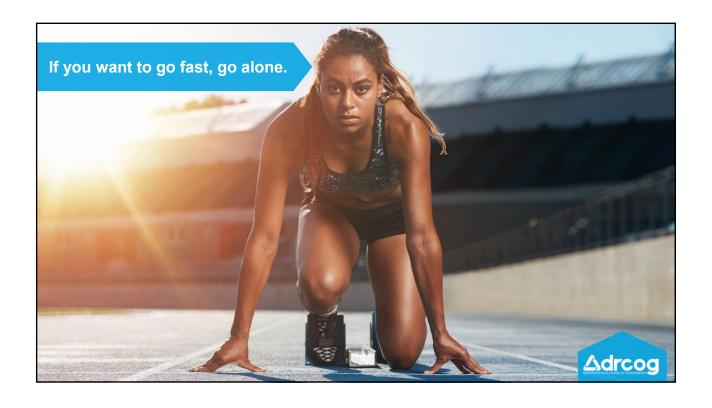




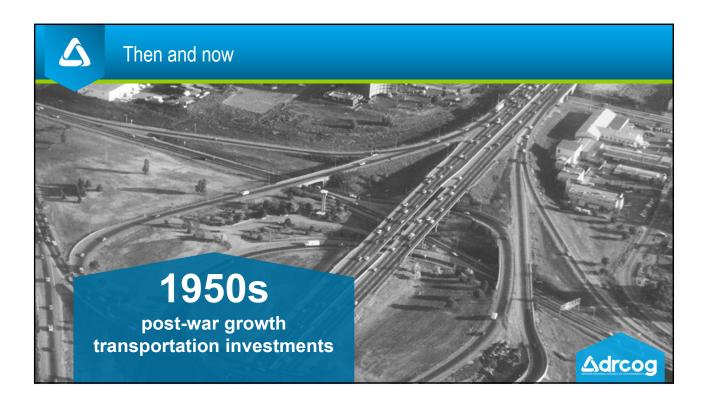




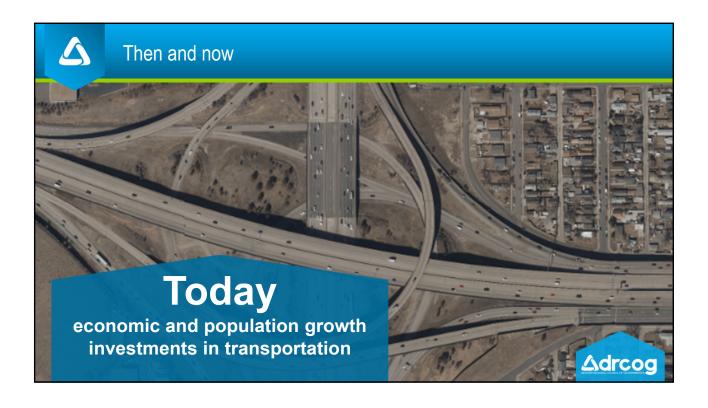


















Establish mobility technology advisory committee

THEME

Funding & Finance Infrastructure Governance

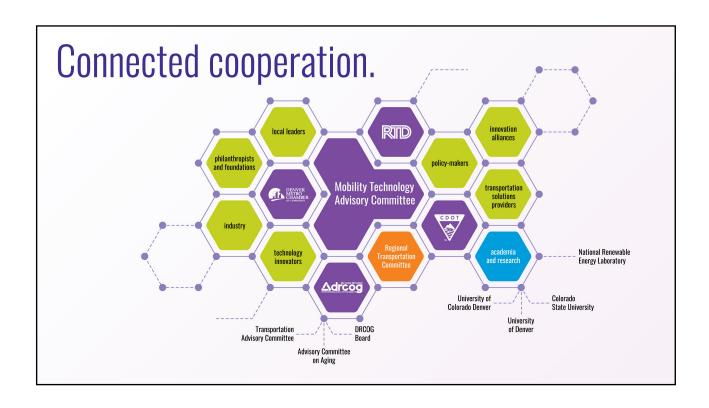
TACTIC INITIATOR

DRCOG, CDOT, RTD, Denver Metro Chamber

ADDITIONAL PARTICIPANTS

New mobility entity





To: Chair and Members of the Board of Directors

From: Douglas W. Rex, Executive Director

303-480-6701 or drex@drcog.org

Meeting Date	Agenda Category	Agenda Item #
March 6, 2019	Discussion	6

SUBJECT

Staff-proposed amendments to *Metro Vision* to be included in public review materials.

PROPOSED ACTION/RECOMMENDATIONS

No action requested. This item is for information.

ACTION BY OTHERS

N/A

SUMMARY

Background

DRCOG issued a call for proposed amendments to the *2040 Metro Vision Regional Transportation Plan* and *Metro Vision* in October 2018, with anticipated adoption of the amended plans in early 2019. Prior to acting to amend *Metro Vision*, DRCOG will make the staff- and sponsor-proposed amendments available for public review and comment. A public hearing on the proposed amendments will be held prior to Board consideration.

Staff-proposed amendments

The following amendments to *Metro Vision* performance measures and targets are proposed by DRCOG staff:

Measure	Where are we today? (Baseline)	Where do we want to be? (2040 Target)
Protected open space	1,841 1,724 square miles (2014)	2,100 1,980 square miles
Share of the region's housing and employment in high-risk hazard areas	Housing: 1.2 <u>1.1</u> percent (2014)	Less than 4.0 0.9 percent
	Employment: 2.9 percent (2014)	Less than 2.5 percent
Daily person delay per capita	6 minutes (2014 2017)	Less than 10 9 minutes

The adopted *Metro Vision* plan notes the importance of a dynamic and flexible approach to performance management, including revisiting measures and targets as new data and approaches become available. The rationale behind each staff proposal is detailed below.

Protected open space

In 2018, the Colorado State Land Board reviewed DRCOG's parks, recreation and open space inventory to confirm that it accurately reflects the status of their holdings. It was determined that while some holdings are permanently protected, others are available for lease and purchase as uses other than open space. Staff updated the regional inventory accordingly, reducing the amount of protected open space in the previously established baseline (2014). As a result of this adjustment to the measure baseline

Board Work Session March 6, 2019 Page 2

(reduction of more than 100 square miles of protected open space), staff recommends a corresponding adjustment to the future target established in Metro Vision.

Housing in high-risk hazard areas

Staff continues to make improvements to DRCOG's Master Housing Dataset. This dataset is used to identify and locate housing units throughout the region, including those within high-risk hazard areas. Since completing the original baseline analysis for this measure, staff has identified improvements to the hazard area boundaries used in the analysis. As a result, staff proposes adjusting both the baseline and target for this measure.

Person delay

Historically, DRCOG measured delay by comparing roadway volumes with their capacity. DRCOG staff continues to use this delay formula methodology for principal arterials. Beginning in with the 2016 congestion report, DRCOG began to calculate freeway delay using INRIX speed data instead of this volume-to-capacity calculation, resulting in a lower person delay observation.

The original target rationale was to beat the 2040 forecast – future congestion will be "less bad" than forecasted. Since DRCOG's 2017 congestion report forecasts delay to be 9 minutes per day per capita, staff is also proposing a revised target consistent with the original rationale – the region will experience less delay than forecasted.

Today's discussion on staff-proposed amendments to *Metro Vision*

Directors will discuss and provide guidance to staff on the staff-proposed adjustments to Metro Vision performance measures (baseline observations and targets). Today's discussion will shape the performance measure amendments that will be included in the public review materials.

PREVIOUS DISCUSSIONS/ACTIONS

N/A

PROPOSED MOTION

N/A

ATTACHMENTS

- 1. Staff presentation
- 2. Metro Vision

ADDITIONAL INFORMATION

If you need additional information, please contact Douglas W. Rex, Executive Director, at 303-480-6701 or drex@drcog.org; or Brad Calvert, Regional Planning and Development Director at 303-480-6839 or bcalvert@drcog.org; or Andy Taylor, Acting Planning Supervisor at 303-480-5636 or ataylor@drcog.org.



