Amendments & Updates to:

Metro Vision Plan

2040 Metro Vision Regional Transportation Plan

Air quality conformity

Public Hearing

March 21, 2018
Public Hearing Documents

- Summary of proposed Metro Vision amendments
- Summary of proposed amendments and changes to the 2040 Metro Vision Regional Transportation Plan (2040 MVRTP)
- 2040 MVRTP public hearing draft document
- 2040 MVRTP track changes revisions document
- 2040 MVRTP appendices with track changes revisions
- Denver southern subarea 8-hour ozone conformity determination
- Draft CO and PM10 conformity determination
Metro Vision Plan and 2040 MVRTP Overview

DRCOG Metro Vision Plan
Shared vision for the future

Metro Vision Regional Transportation Plan (MVRTP)

20-year “vision” transportation system

Fiscally Constrained Regional Transportation Plan

20-year affordable transportation system

Transportation Improvement Program

4-year program of funded projects

Air Quality Conformity Reg. Modeling

NEPA – National Environmental Policy Act (1970)

Project Development NEPA Studies

Construct Project
Metro Vision

• Unanimously adopted by DRCOG Board of Directors January 18, 2017

• Previous versions date back to 1997

• Longstanding Metro Vision principle: DRCOG Board makes minor revisions to the plan annually and major updates as needed
Metro Vision performance measures

**Proposed amendments:**
1. Amend one measure description
2. Update baseline and 2040 target for that measure
Staff-initiated *Metro Vision* amendments (pt. 1)

**Measure**

| Share of the region’s housing and employment near rapid transit or high-frequency transit stops |

Staff rationale: Updated language more clearly describes the measure methodology

<table>
<thead>
<tr>
<th>Measure</th>
<th>Where are we today? (Baseline)</th>
<th>Where do we want to be? (2040 Target)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Share of the region’s housing and employment high-frequency transit</td>
<td>Housing: 14.0 percent (2014)</td>
<td>20.0 percent</td>
</tr>
<tr>
<td></td>
<td>Employment: 32.3 percent (2014)</td>
<td>45.0 percent</td>
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</table>
### Staff-initiated *Metro Vision* amendments (pt. 2)

#### Where are we today? (Baseline) vs. Where do we want to be? (2040 Target)

<table>
<thead>
<tr>
<th>Measure</th>
<th>Where are we today? (Baseline)</th>
<th>Where do we want to be? (2040 Target)</th>
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<td>Housing: 29.7 14.0 percent (2014)</td>
<td></td>
<td>35.0 20.0 percent</td>
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<tr>
<td>Employment: 48.4 32.3 percent (2014)</td>
<td></td>
<td>60.0 45.0 percent</td>
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</table>

#### Share of the region’s housing and employment high-frequency transit

- Housing: 14.0 percent (2014) to 20.0 percent
- Employment: 32.3 percent (2014) to 45.0 percent
Staff-initiated *Metro Vision* amendments (pt. 2)

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<tr>
<th>Where are we today? (Baseline)</th>
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<td>Employment: <strong>48.4 32.3</strong> percent (2014)</td>
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Staff rationale: Correct baseline calculation error and propose targets that maintain similar relationship between baseline and target

- Error: Weekday, Saturday and Sunday departures summed (vs. weekday only)
- Targets: Reviewed by Board during February Work Session
Urban Centers*

Member submitted amendments:
- 3 proposed boundary adjustments
  - City and County of Denver – East Colfax Main Street
  - Douglas County – Highlands Ranch Town Center
  - City of Englewood – City Center
- 1 new proposed urban center
  - City and County of Denver – National Western Complex

* Urban center amendments are reviewed by DRCOG staff and external evaluation panel
Connected urban centers and multimodal corridors accommodate a growing share of the region’s housing and employment.
National Western Center

Proposed Urban Center
## Preliminary recommendations in public review summary*

<table>
<thead>
<tr>
<th>Sponsor</th>
<th>Urban Center</th>
<th>New Center or Boundary Adjustment</th>
<th>Panel Recommendation</th>
<th>DRCOG Staff Recommendation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Douglas County</td>
<td>Highlands Ranch Town Center</td>
<td>Expansion</td>
<td>Not at this time</td>
<td>Include</td>
</tr>
<tr>
<td>Englewood</td>
<td>CityCenter</td>
<td>Expansion</td>
<td>Include</td>
<td>Include</td>
</tr>
<tr>
<td>Denver</td>
<td>East Colfax Main Street</td>
<td>Expansion</td>
<td>Include</td>
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<tr>
<td>Denver</td>
<td>National Western Center</td>
<td>New</td>
<td>Not at this time</td>
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* Final recommendations will consider input received during public review period, including hearing.
2040 MVRTP Overview

- Helps implement Metro Vision
- Presents region’s vision for multimodal transportation system
- Meets federal requirements
- Identifies 2040 “fiscally constrained” (cost feasible) system & project investments
- Identifies major roadway capacity & rapid transit projects
- Is updated every four years and amended more frequently
# Requested Project Amendments

<table>
<thead>
<tr>
<th>Agency</th>
<th>Project/Segment Description</th>
<th>Current 2040 MVRTP Status</th>
<th>Proposed Model Network Change</th>
</tr>
</thead>
</table>
| CDOT R1         | I-25: Castle Rock to DRCOG South Boundary                        | N/A                       | • Add 1 toll express lane in each direction  
|                 |                                                                  |                           | • Add to 2020-2029 AQ stage                                                                     |
| CDOT R1         | I-25: 84th Avenue to Thornton Parkway: Add 1 NB GP Lane         | N/A                       | • Add 1 NB general purpose lane                  
|                 |                                                                  |                           | • Add to 2020-2029 AQ stage                                                                     |
| CDOT R1         | US-85: 104th Avenue & 120th Avenue New Interchanges              | N/A                       | • Add 2 interchanges (104th, 120th)              
|                 |                                                                  |                           | • Add to 2020-2029 AQ stage                                                                     |
| CDOT R4         | I-25: SH-66 to WCR 38 (DRCOG North Boundary): Add 1 Toll Express Lane in each Direction | 2035-2040 AQ stage        | Advance to 2020-2029 AQ stage                    |
| Denver          | Widen 2-4 Lanes:                                                 | 2025-2034 AQ stage        | Remove from 2040 MVRTP                           |
|                 | • 38th Avenue: Brighton Boulevard to Walnut Street               | 2015-2024 AQ stage        |                                                                                                 |
|                 | • Washington Street: Elk Place to 52nd Avenue                    |                           |                                                                                                 |
| Denver          | Pena Boulevard: E-470 and Jackson Gap Street:                    | N/A                       | Add new locally-funded projects to 2020-2029 AQ stage                                         |
| International   | Widen 6 to 8 Lanes:                                              |                           |                                                                                                 |
| Airport         | • Relocate Westbound Off-Ramp to Gun Club Road                  |                           |                                                                                                 |
|                 | • Add Eastbound On-Ramp from Gun Club Road                      |                           |                                                                                                 |
| Douglas County  | Widen 4 to 6 Lanes:                                              | 2015-2024 AQ stage        | Combine into one project and advance to 2020-2029 AQ stage                                     |
|                 | • US-85: Highlands Ranch Parkway to Blakeland Road              | 2025-2034 AQ stage        |                                                                                                 |
|                 | • US-85: Blakeland Road to County Line Road                     |                           |                                                                                                 |
| Douglas County  | New Locally Derived Funded Project:                             | N/A                       | Add to 2020-2029 AQ stage                                                                     |
|                 | • Waterton Road: SH-121 to Campfire Drive: Widen 2 to 4 Lanes    |                           |                                                                                                 |
| Jefferson County| Quincy Avenue: C-470 and Simms Street: Widen 2 to 4 Lanes       | 2015-2024 AQ stage        | Remove from 2040 MVRTP                           |
Requested Project Amendments

3 Types of Amendments

• New Projects
• Removed Projects
• Air Quality Staging Period Changes
Staff-Initiated Updates

- Fully integrate amendments into text, maps, and tables
- Update the financial plan (Chapter 5) to include the additional revenues and expenditures associated with project amendments
- Include federally required and Board-adopted 2018 safety targets
- Include current data (travel and land use models, Census data, other DRCOG data)
- Update text to address current events and other relevant information since adoption (April 2017)
- Create new style format and graphic design to make the 2040 MVRTP more attractive and user-friendly
Public Input

- 30 day public comment period
  - Notification: website, social media, email blast, postcards, newspaper, etc.

- Public hearing
  - Capstone of public comment period
  - Usually held one month before Board action
Air Quality Conformity

- 2040 MVRTP must address ozone, carbon monoxide, and PM-10 pollutants
- Proposed amendments included in the regional travel model transportation networks
- Amended 2040 MVRTP passed pollutant emission tests for regional air quality conformity
- Air quality conformity is regional (entire MVRTP), not based on individual projects
THANK YOU