



Presented by:

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Board – July 17, 2019

2020-2021 Unified Planning Work Program



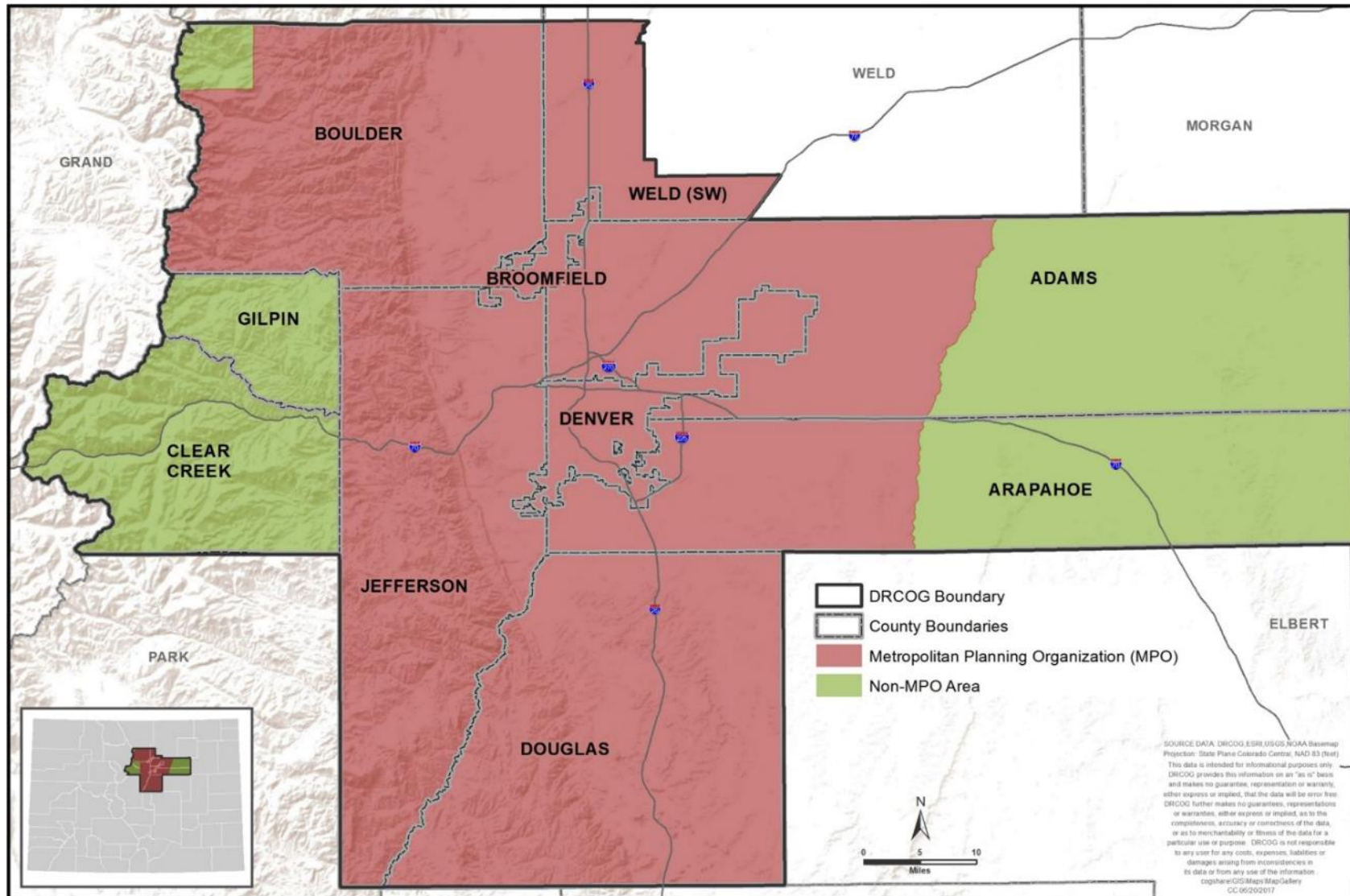


What is the UPWP?

- Describes the **proposed multimodal transportation planning activities** to be conducted in the Denver region during FY 2020 and FY 2021 (October 1, 2019 through September 30, 2021).
- Prepared biennially and serves as the basis by which Federal Highway Administration (FHWA) and Federal Transit Administration (FTA) urban **transportation planning funds** are spent in the region.
- **Management tool** for scheduling, budgeting and monitoring the planning activities of participating entities.
- **Administered by the Denver Regional Council of Governments** (DRCOG) in accordance with the Memorandum of Agreement (MOA) between DRCOG, the Colorado Department of Transportation (CDOT) and the Regional Transportation District (RTD).



Metropolitan planning organization area





Partnership extends to the regional and federal levels



COLORADO
Department of
Transportation



COLORADO
Department of Public
Health & Environment



Program of **DRCOG**



Downtown
Denver
Partnership





Context for Developing the UPWP

- Federally-directed activities and tasks
 - Regional Transportation Plan
 - Transportation Improvement Program
 - Congestion Management Process
 - Planning Process Certification
- Metro Vision Themes, outcomes and measures
- Regional Transportation Plan
- Federal transportation planning factors





Metro Vision: Themes

an efficient and predictable
development pattern





Metro Vision: Themes

a connected
multimodal region





Metro Vision: Themes

a safe and resilient
natural and built
environment





Metro Vision: Themes



healthy, inclusive and
livable communities



Metro Vision: Themes

a vibrant regional economy





Metro Vision: Transportation outcomes

All residents have access to a **range of transportation**, employment, commerce, housing, educational, cultural and recreational opportunities.



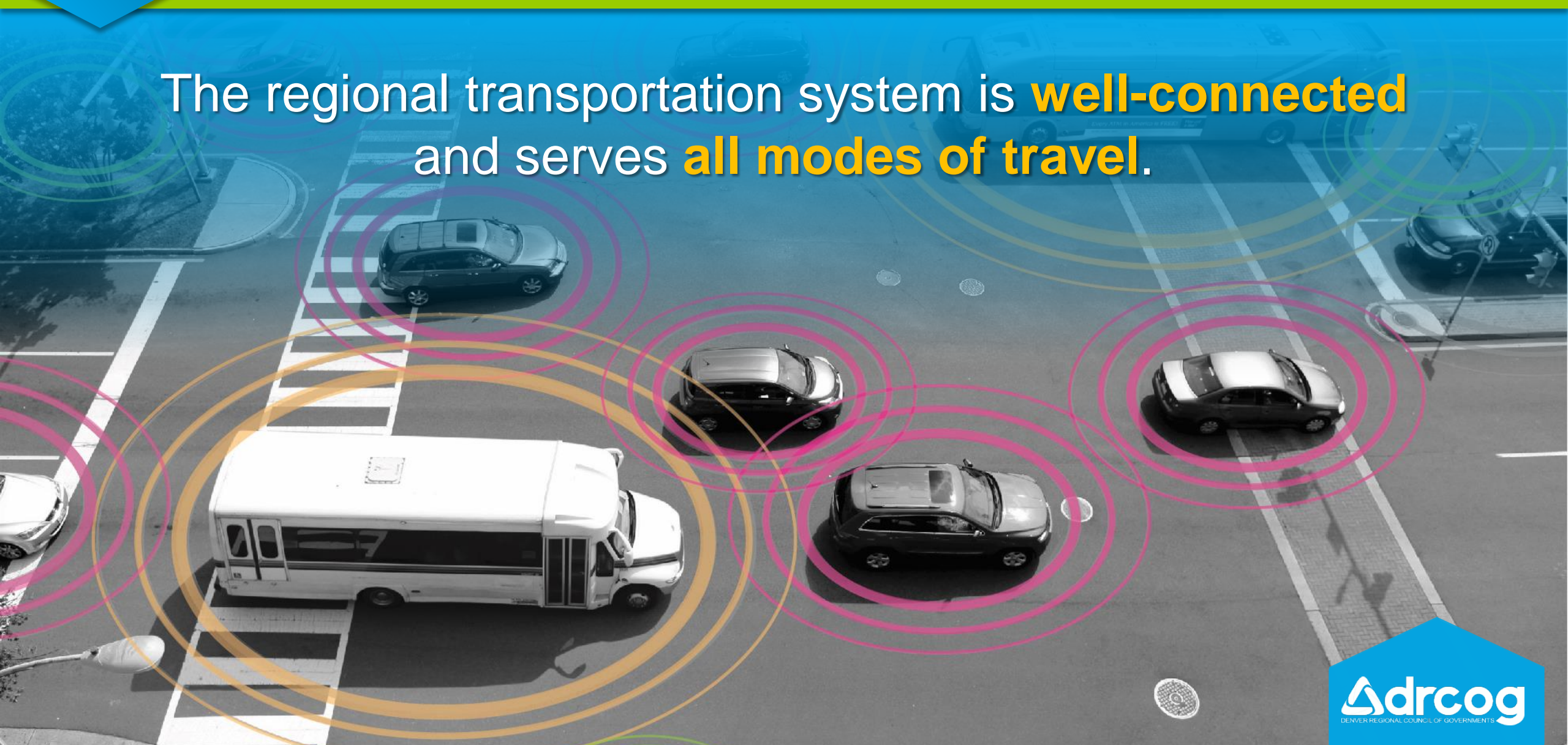
Metro Vision: Transportation outcomes

Investments in **infrastructure** and **amenities** allow people and businesses to **thrive** and **prosper**.



Metro Vision: Transportation outcomes

The regional transportation system is **well-connected** and serves **all modes of travel**.





Metro Vision: Transportation outcomes

The built and natural environment supports **healthy and active choices.**





Metro Vision: Transportation outcomes

The transportation system is **safe, reliable**
and **well-maintained.**



Metro Vision: Transportation measures

increase **non-single-occupant vehicle**
mode share to work





Metro Vision: Transportation measures

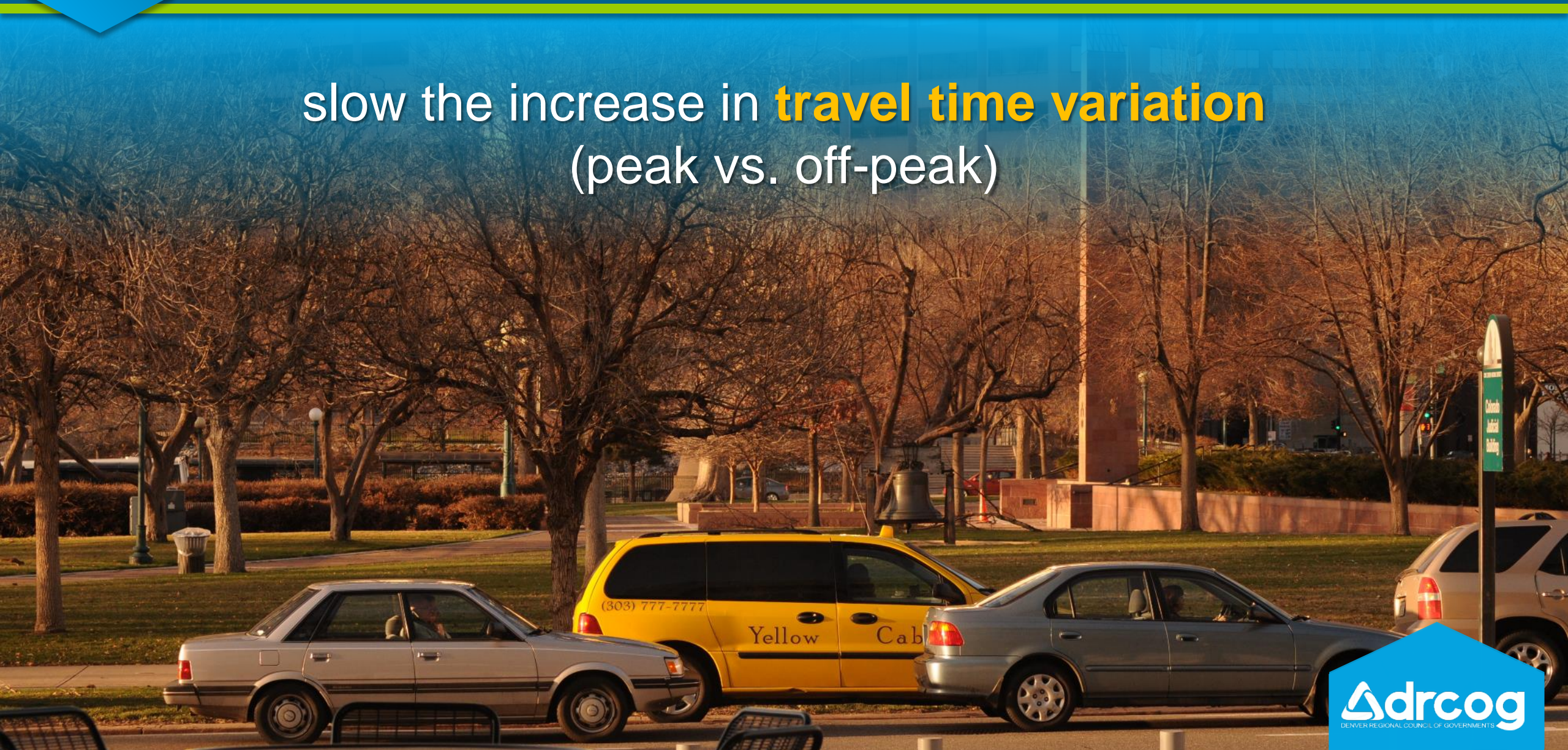
reduce daily **vehicle miles traveled** per capita





Metro Vision: Transportation measures

slow the increase in **travel time variation**
(peak vs. off-peak)





Metro Vision: Transportation measures

slow the increase in **person delay**





Metro Vision: Transportation measures

reduce traffic **fatalities**





Metro Vision: Transportation measures

reduce transportation **greenhouse gas emissions** per capita



Metro Vision: Transportation measures

increase the share of population in areas with
affordable housing and transportation costs

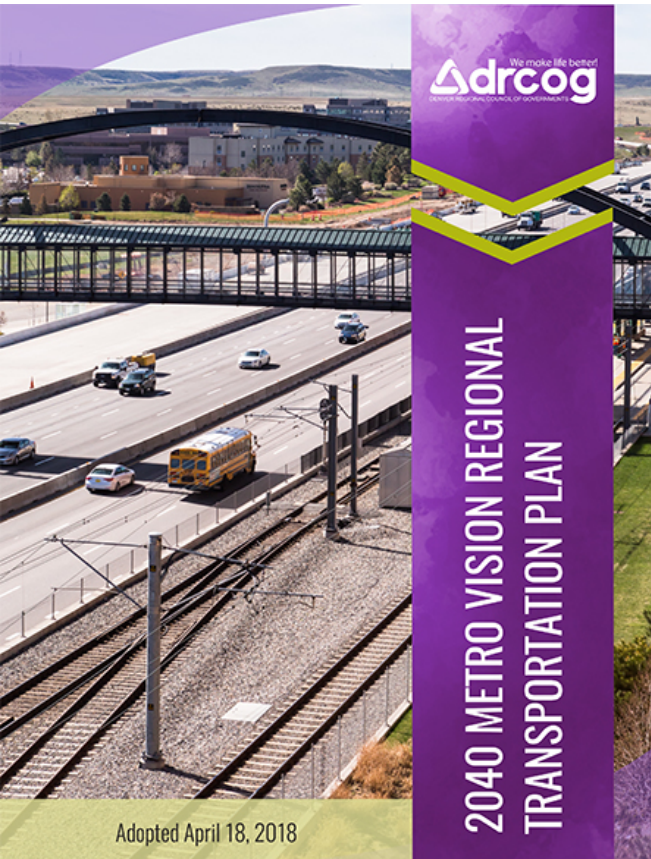


Metro Vision: Transportation measures

increase the share of housing and employment
near high-frequency transit



Metro Vision Regional Transportation Plan (RTP)



Adopted April 18, 2018

Integrates with Metro Vision

- Metro Vision framework (themes, outcomes and objectives)
- population, employment and other planning assumptions
- multimodal transportation system component profiles and strategies
- financial plan (costs and revenues)
- community engagement, environment and other topics



Federal Transportation Planning Factors

The FAST Act identifies planning principles

MPOs are required to consider the planning factors in the transportation planning process

UPWP activities are described by each planning factor

1. Support the **economic vitality** of the metropolitan area, especially by enabling global competitiveness, productivity, and efficiency.
2. Increase the **safety** of the transportation system for motorized and nonmotorized users
3. Increase the **security** of the transportation system for motorized and nonmotorized users
4. Increase the **accessibility and mobility options** available to people and for freight
5. Protect and enhance the **environment**, promote **energy conservation**, and improve **quality of life**, and promote consistency between transportation improvements and state and local planned growth and economic development patterns
6. Enhance the **integration and connectivity** of the transportation system, across and between modes, and for people and freight
7. Promote efficient **system management and operation**
8. Emphasize the **preservation** of the existing transportation system
9. Improve **resiliency and reliability** of the transportation system and reduce or mitigate stormwater impacts of surface transportation
10. Enhance **travel and tourism**



2018-2019 Accomplishments Highlights

Adopted **Title VI Implementation Plan** for DRCOG and received concurrence

Adopted all **FAST Act-required transportation performance management (TPM) targets** (known as PM-1, PM-2, and PM-3) and completed signed MOUs with affected stakeholders that address the process, roles, and coordination for setting and adopting TPM targets

Prepared **Active Transportation Plan** (adopted January 2019)

Processed over **20 sets of amendments** and administrative modifications to the 2018-2021 TIP

Conducted both **regional and subregional calls for projects** for 2020-2023 TIP

Completed update and maintenance of **Regional ITS Architecture**

Provided technical assistance for several **corridor studies** including SH-119 BRT NEPA

Completed the **2016 Planimetric Project** (occurred in 2018; vintage of the data is 2016) and the 2018 Denver **Regional Aerial Photography Project (DRAPP)**



2020-2021 Objectives

Objectives help organize the Work Program

Activities are identified and organized to support the objectives

Specific tasks and deliverables are identified for each activity

Objective 1.0 **Program Administration** – Coordinate activities between Metropolitan Planning Organization (MPO) participating agencies to address transportation and development issues of the region.

Objective 2.0 **Planning Coordination and Outreach** – Increase participation and support of the public in the planning process to achieve projects that are consistent with Metro Vision goals and policies.

Objective 3.0 **Long Range Planning** – Implement and refine Metro Vision to enhance and improve the quality of life in the DRCOG region.

Objective 4.0 **Project Programming** – Identify and implement priorities within the metropolitan area. The transportation improvement program is the primary tool used to advance the goals of the regional transportation plan.

Objective 5.0 **Transportation Operations** – Emphasize mitigation strategies that improve the safety and effectiveness of the existing transportation system.

Objective 6.0 **Public Transportation Planning** – Plan and operate rapid transit corridors, the regional bus network, and transit facilities.

Objective 7.0 **Support Systems for Planning** – Acquire and maintain critical data and tools for planning activities



2020-2021 Highlights

*Almost \$16 million
expenditures over two
years*

Over 25 deliverables

*Also identifies planning
activities by CDOT and
non-federally funded
local government
planning activities*

- Complete and adopt the **2050 MVRTP**
- Collect **regional bicycle facility counts**
- Convene regional **Micromobility Work Group** to discuss opportunities to identify shared regional approach to micromobility services and operations
- Prepare an **assessment of the 2020-2023 dual model TIP process**
- Prepare feasibility study for pilot implementation of **regional traffic operations monitoring support**
- Complete the DRCOG **Regional Vision Zero Action Plan**
- Work with CDOT, RTD, and other stakeholders to implement **Mobility Choice Blueprint** recommendations, including planning processes, funding, projects, and other efforts
- Regional Transit Oriented Development (**TOD**) **Opportunity Study**
- **Mobility Hub planning** at priority locations identified in partnership among RTD, CDOT and DRCOG
- Participate on CDOT-led Statewide **Household and other Travel Surveys**
- Regional **Complete Streets Toolkit**



THANK YOU
QUESTIONS?

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