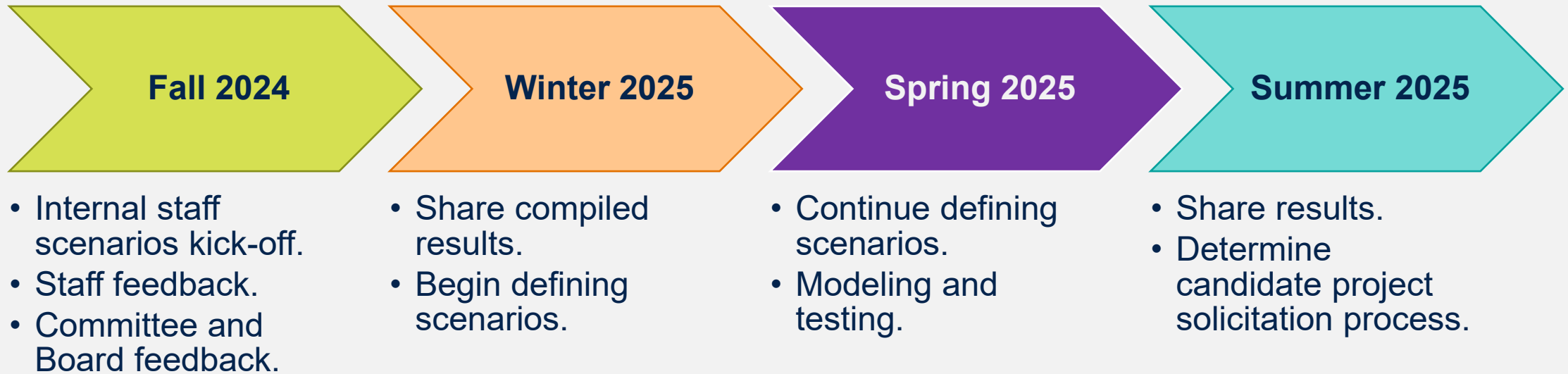




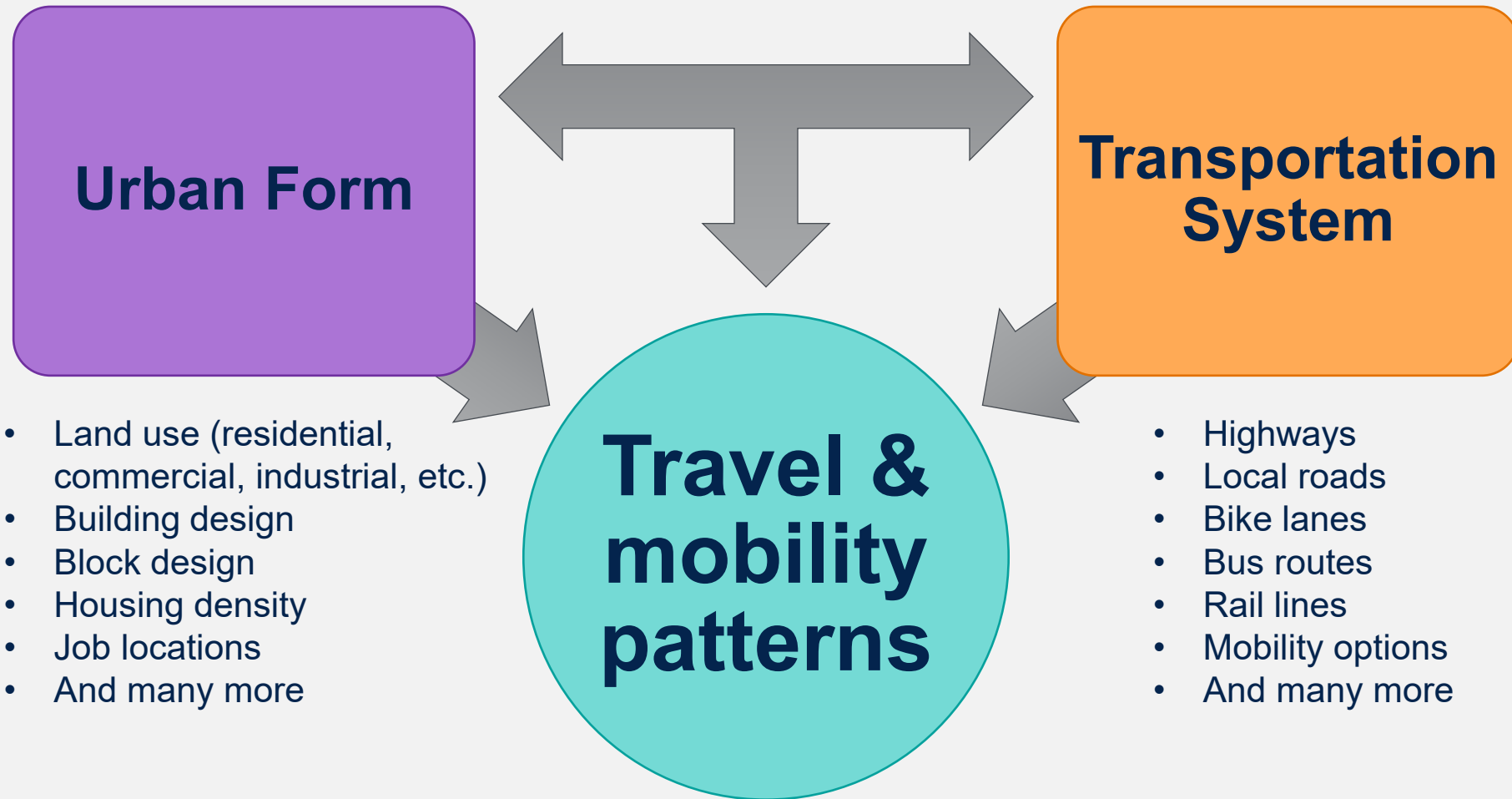
2050 RTP Update: Scenario results

Board Work Session: July 2, 2025

Schedule



Understanding relationships



DRCOG's approach



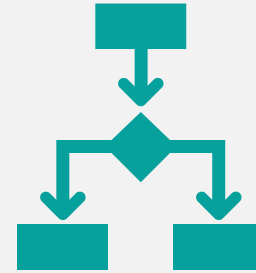
Explores “**what if**” alternative futures



Relative comparisons between scenarios and baseline



Not rigorous evaluation of scenarios, nor choosing/ judging scenarios



Choices & tradeoffs from individual scenarios



Provide **guidance and direction** for plan development

Scenarios modeled

Transportation Scenarios

Adopted RTP



Complete Streets



Transit



Limited Roadway Expansion



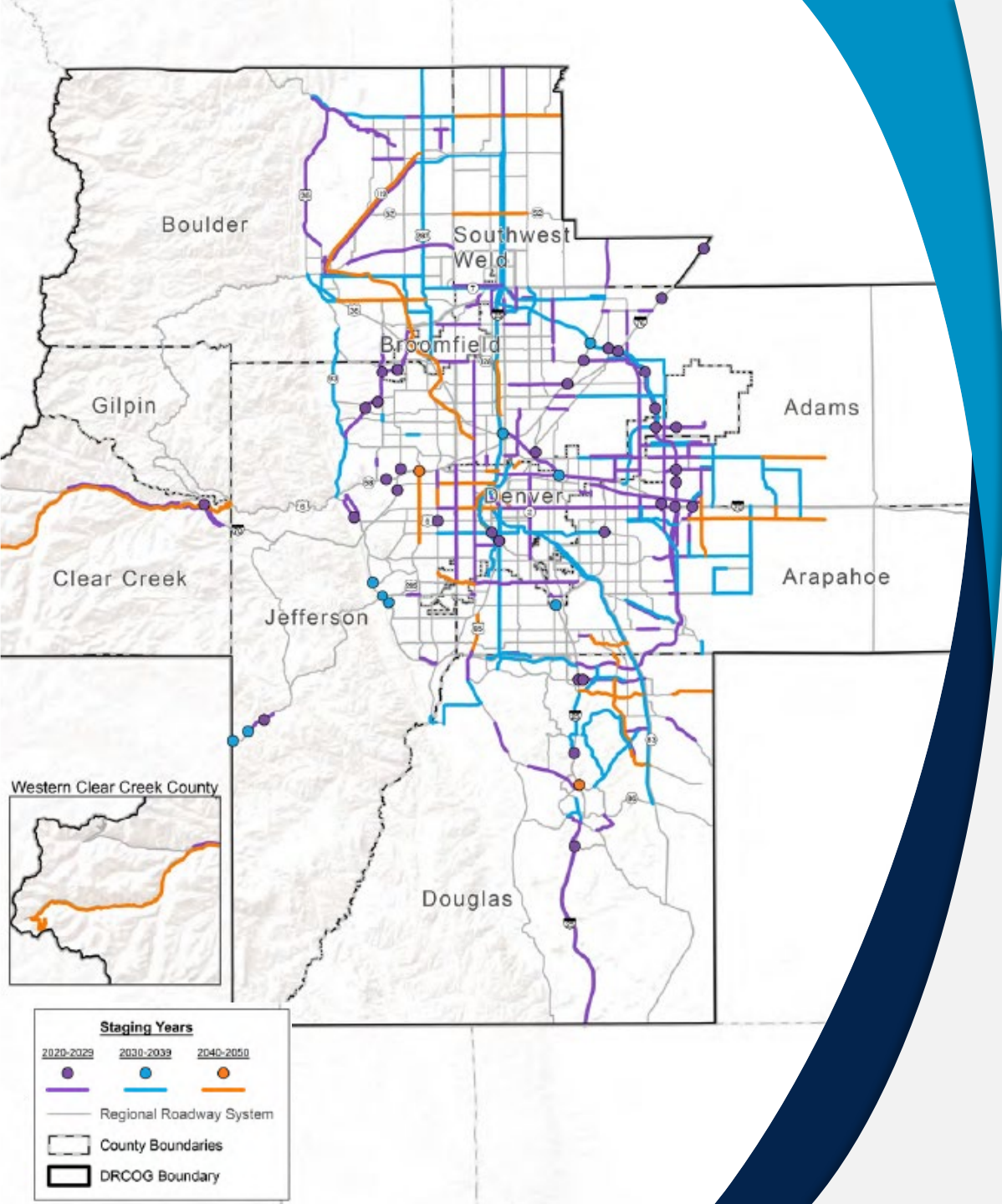
Land Use Scenarios

Current Land Use



Transit-Focused





Adopted RTP investments

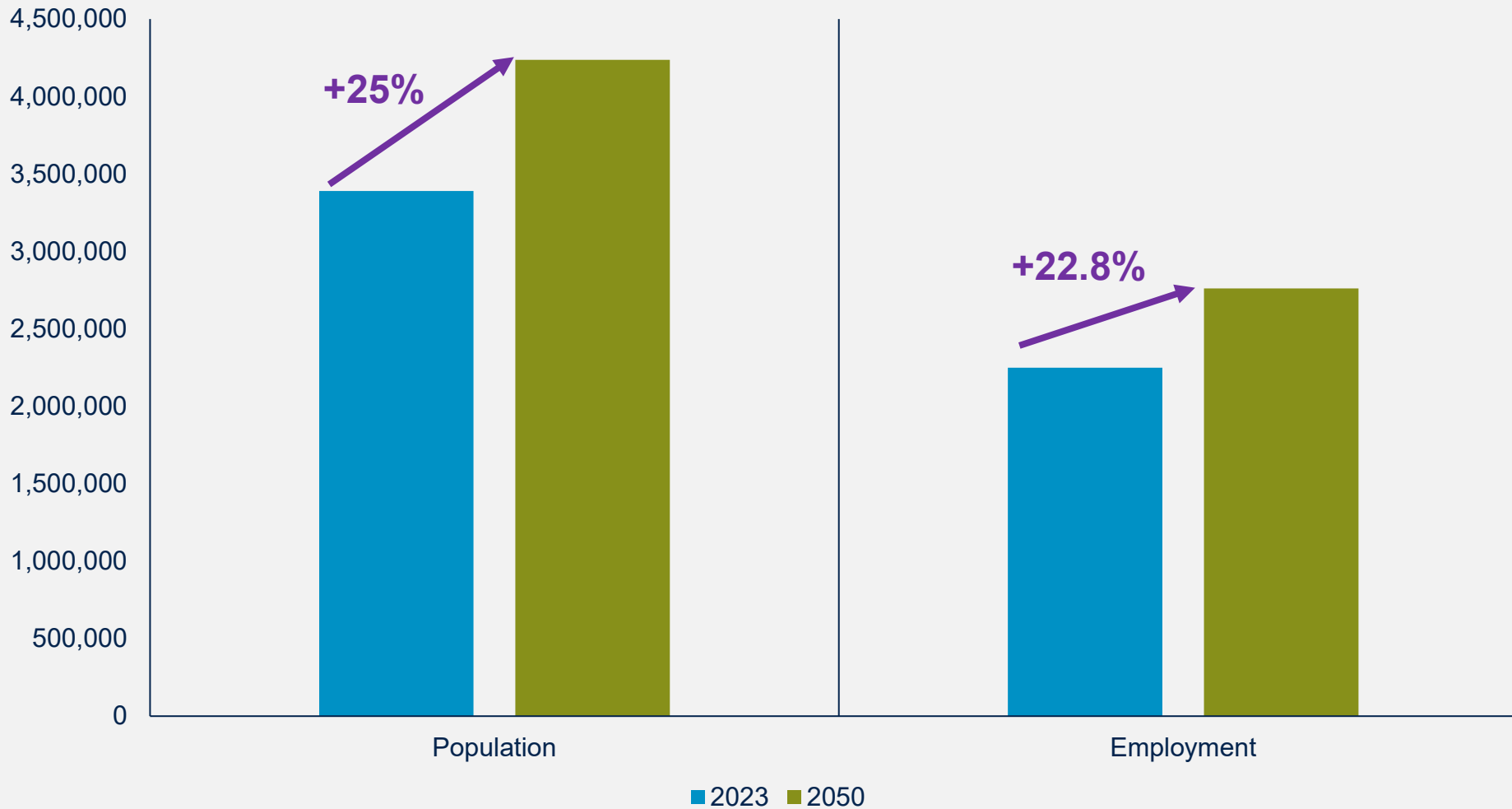
- 
Multimodal mobility **\$6.9 billion**
 Multimodal capital projects
- 
Air quality **\$375 million**
 Transportation Improvement Program set-asides
- 
Regional transit **\$1.2 billion**
\$940 million
 Regional bus rapid transit projects
 Corridor transit planning projects and program
- 
Safety **\$548 million**
 Arterial safety and Regional Vision Zero projects
- 
Active transportation **\$970 million**
 Active transportation program
- 
Freight **\$220 million**
 Freight program
- 
Local projects **\$4.0 billion**
 Locally funded projects

Current land use

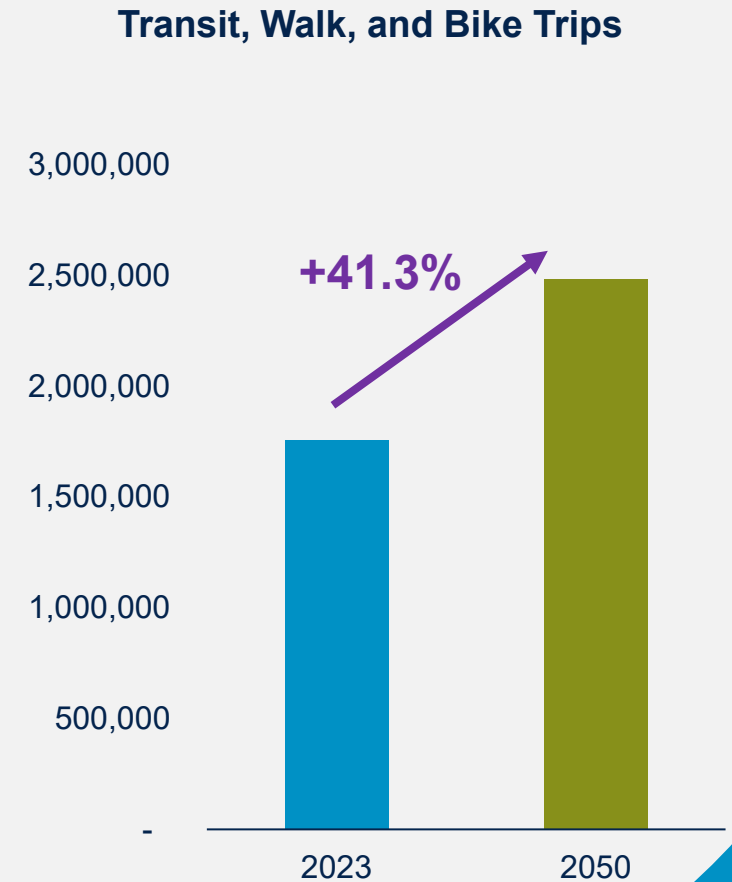
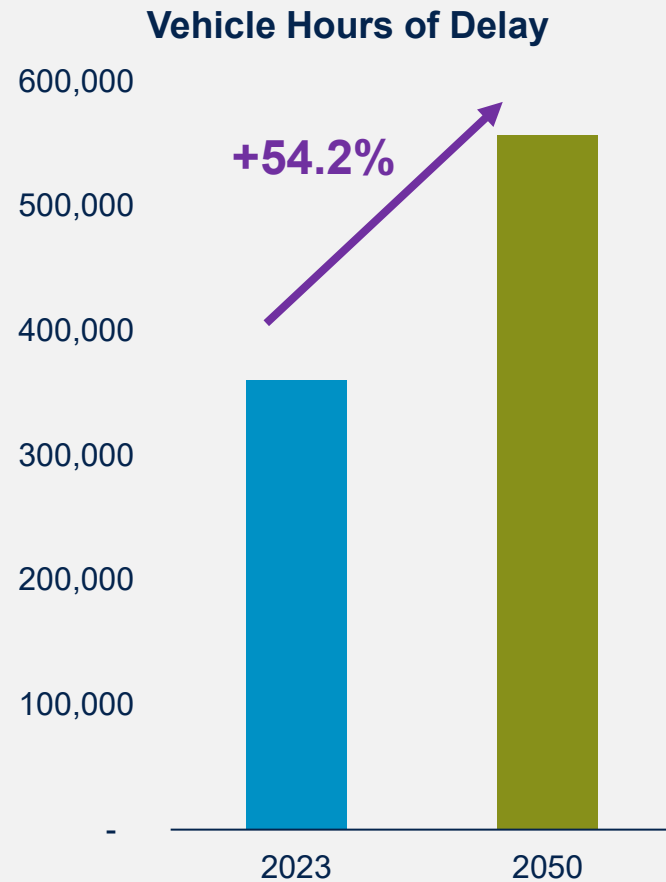
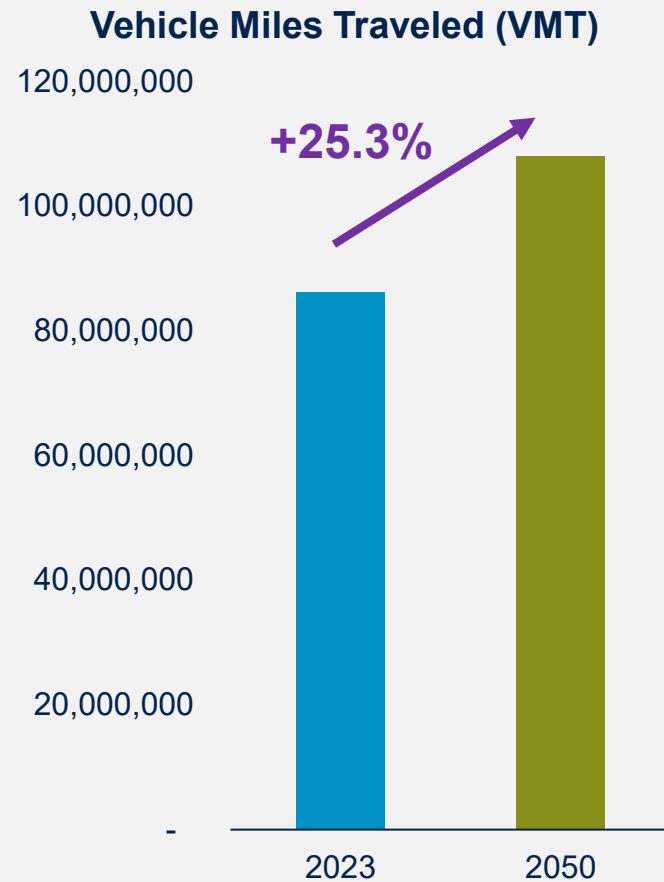
- New population and employment forecasts which show **slower growth** and **more older adults**.
- Based on **existing zoning** across the region.
- Incorporates **under construction** and **planned developments** to be completed in the next few years.

A growing region

Population and Employment Estimates from 2023 to 2050



A growing region – transportation impacts



Key takeaways, so far

- **Land use is not the primary driver** of mobility changes alone.
- **Complementary transportation strategies are needed** in combination with land use changes around planned transit investment.
- In addition to regional changes, there are significant changes possible at the **community** and **neighborhood level**.
- Select transportation scenarios meet Metro Vision targets for VMT, non-SOV trips, and delay, but **transportation-land use combinations show greater magnitude of change**.



Transportation scenarios

Transportation scenario combinations

Current Land Use



Adopted RTP



Complete Streets



Transit



Limited Roadway Expansion

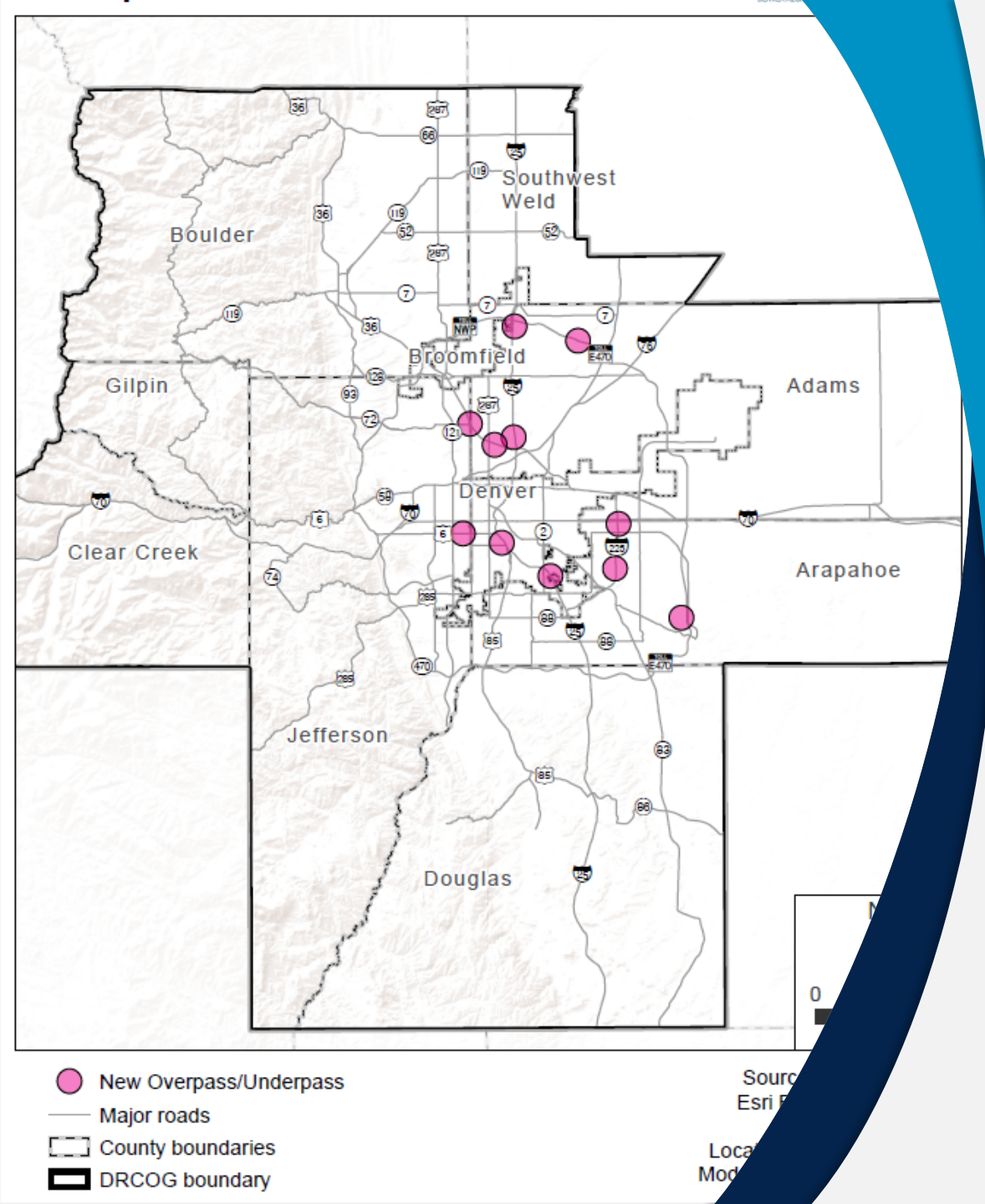


Complete Streets scenario



A safe and comfortable transportation network for all modes and users.

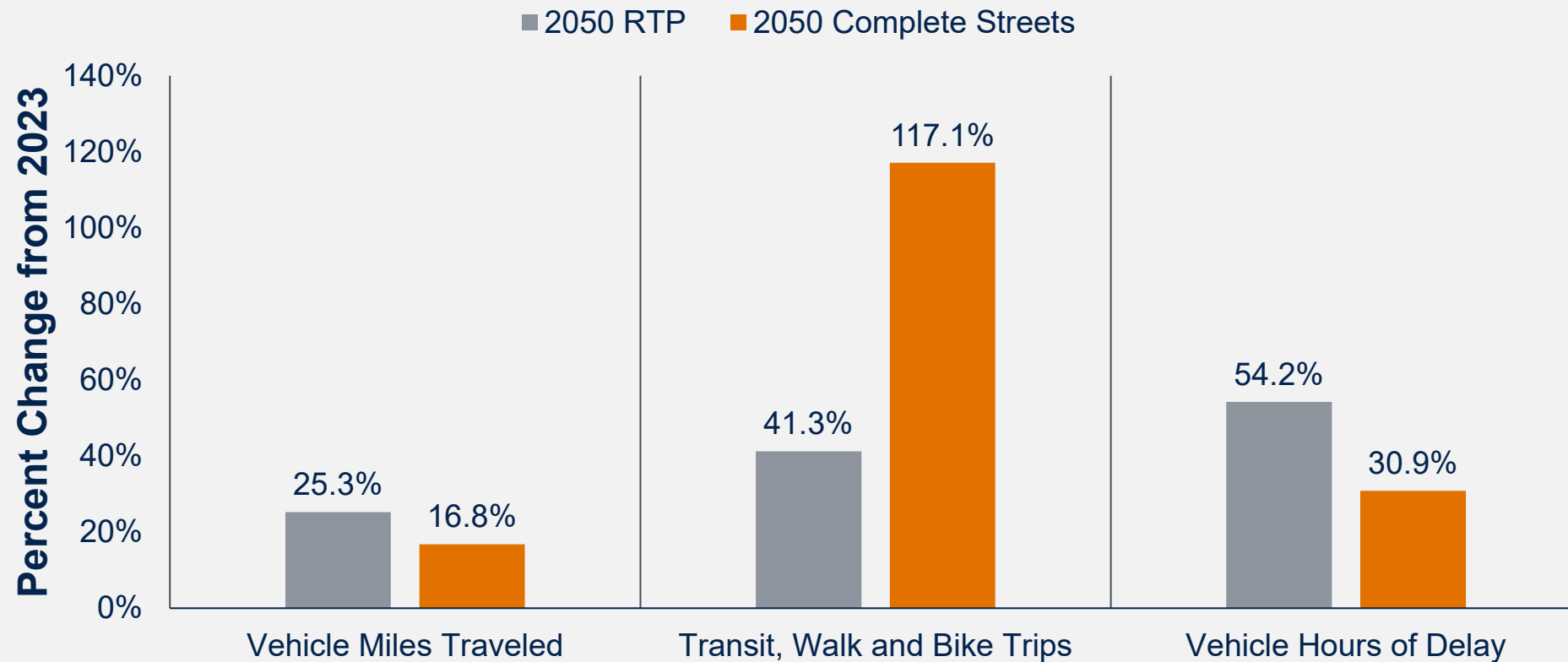
- Active transportation is encouraged through **more bicycle and pedestrian infrastructure** and **more e-bikes and e-scooters**.
- **Increasing telecommuting.**
- **Communities are reconnected** by building new overpasses or underpasses across select limited access freeways.





Complete Streets comparison

i Compared to 2023 conditions.

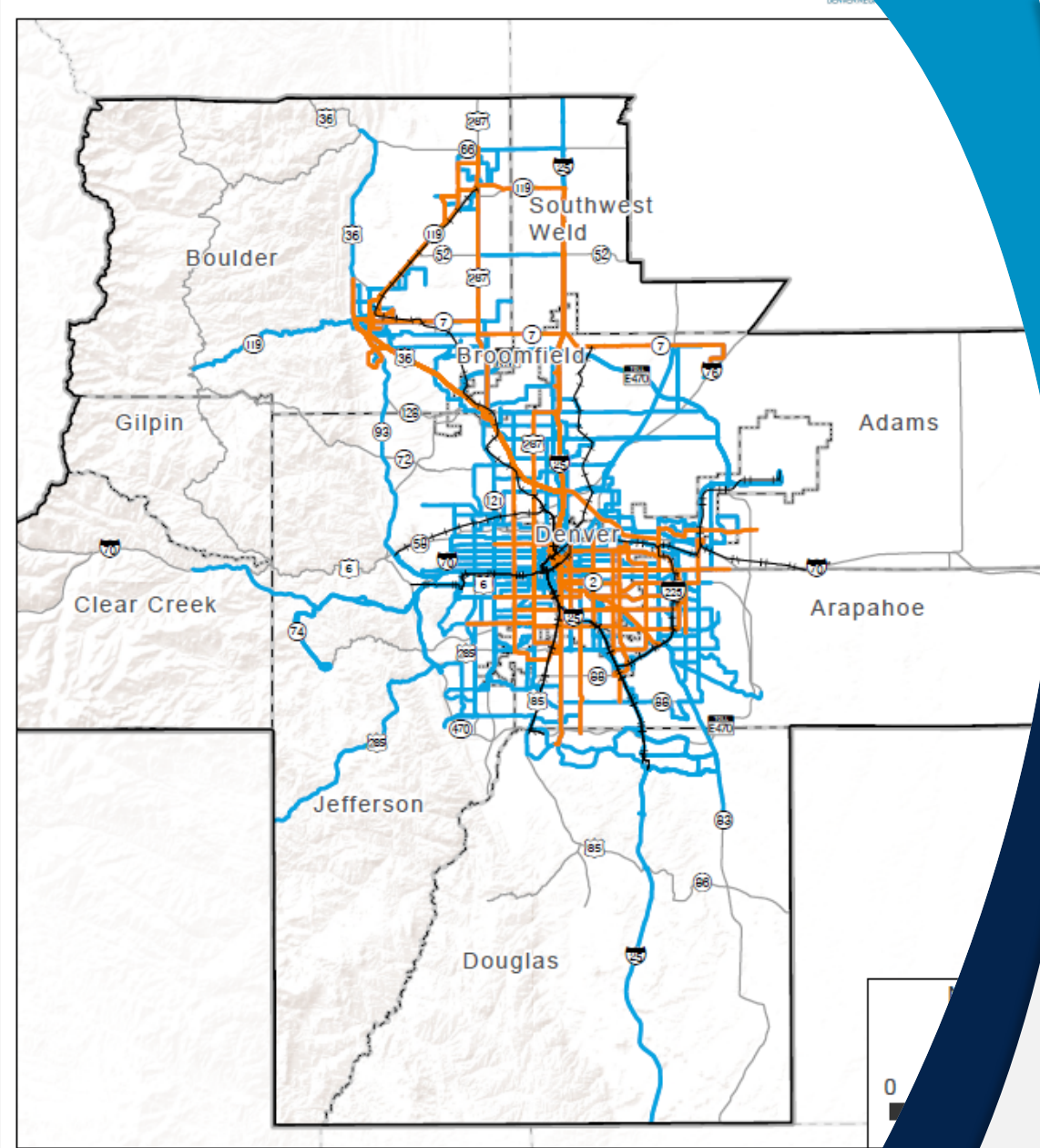




Transit scenario

i Provide more transit options and expand the region's rapid transit network.

- Complete **Fastracks** and **expand commuter rail**.
- Expand **bus rapid transit network**, additional **high-frequency transit** corridors, and **increased transit service**.
- Expand **microtransit** service.
- **Zero fares** and **8000+ bus stops** improved.



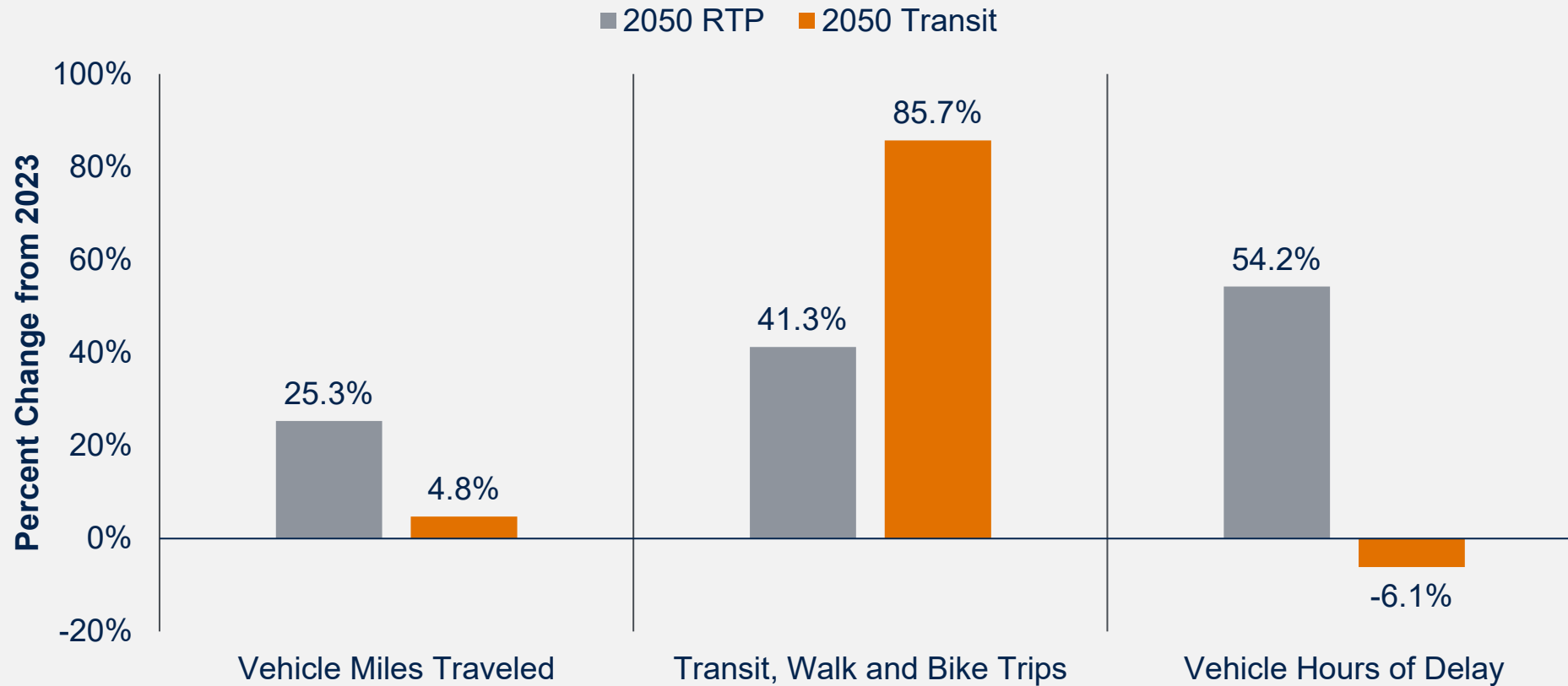
— Bus
— Bus Rapid Transit
+ Rail
— Major roads
— County boundaries
— DRCOG boundary

Source
Esri
Local
Mod



Transit comparison

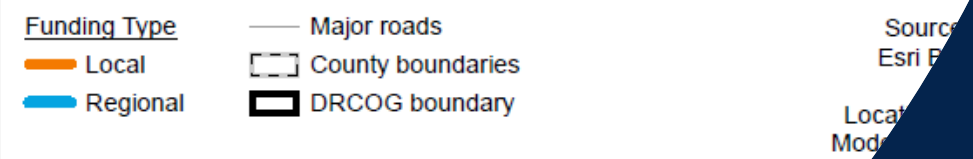
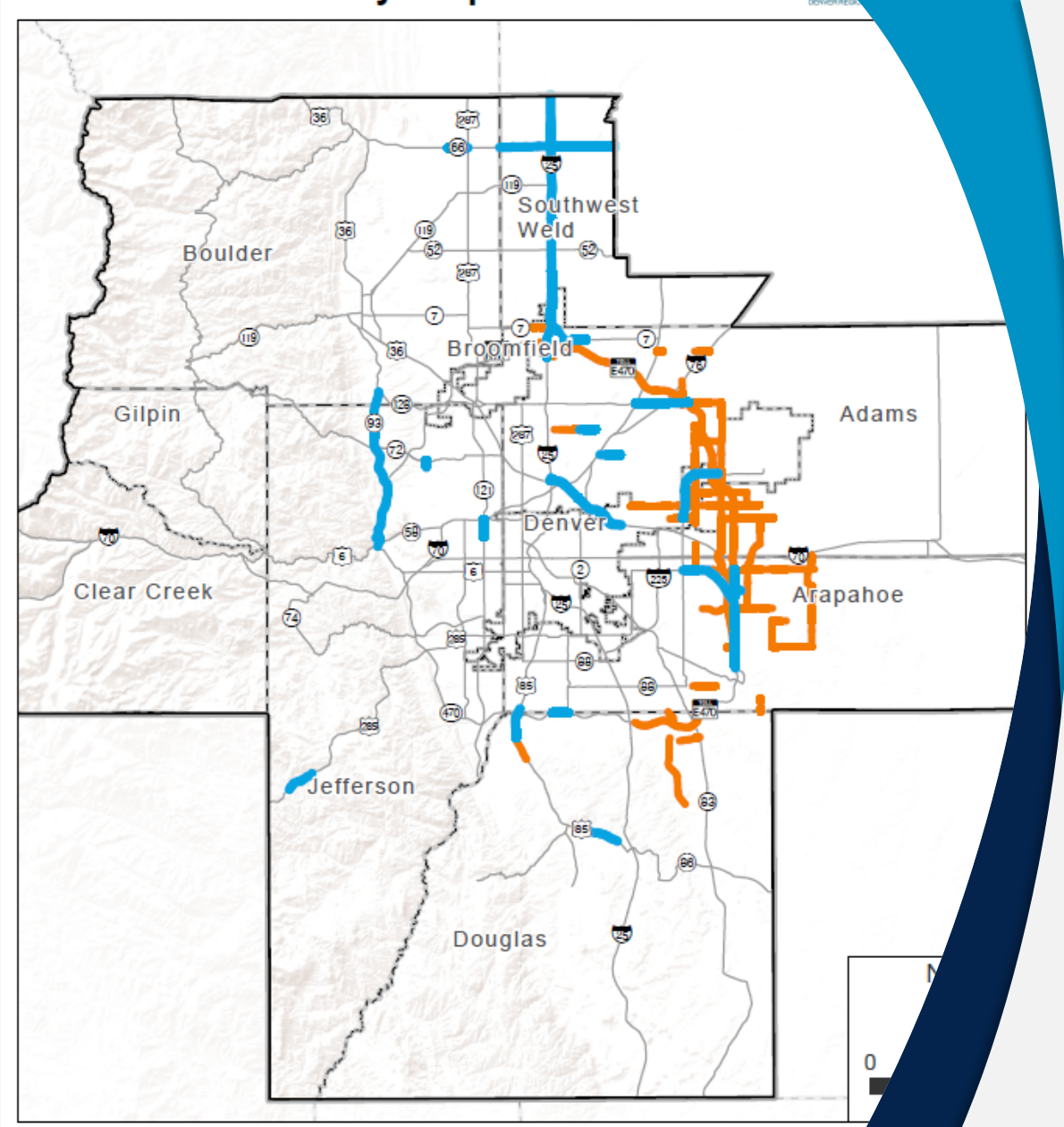
i Compared to 2023 conditions.





Limited roadway expansion scenario

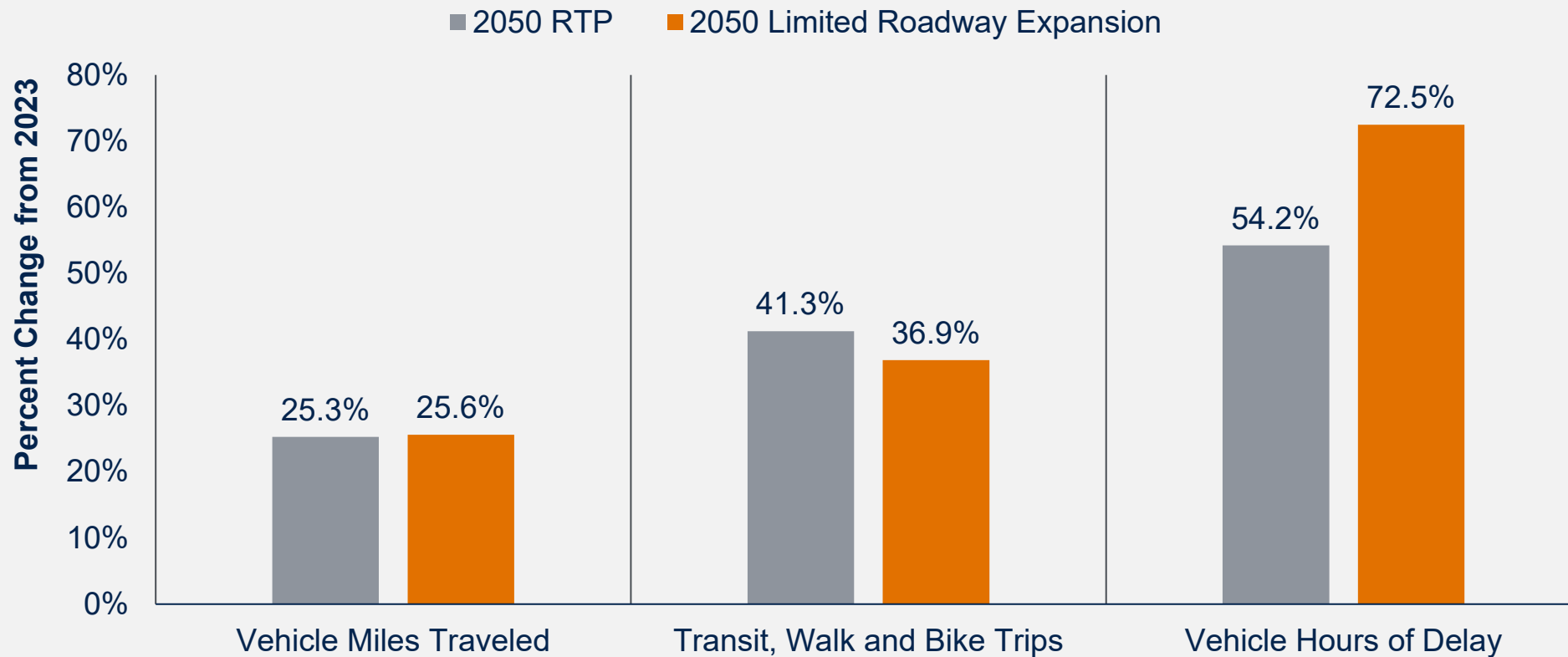
- The adopted RTP, except:
 - No additional regionally-funded **roadway capacity** projects.
 - No additional locally-funded roadway capacity projects **wider than 4-lanes**.





Limited roadway expansion comparison

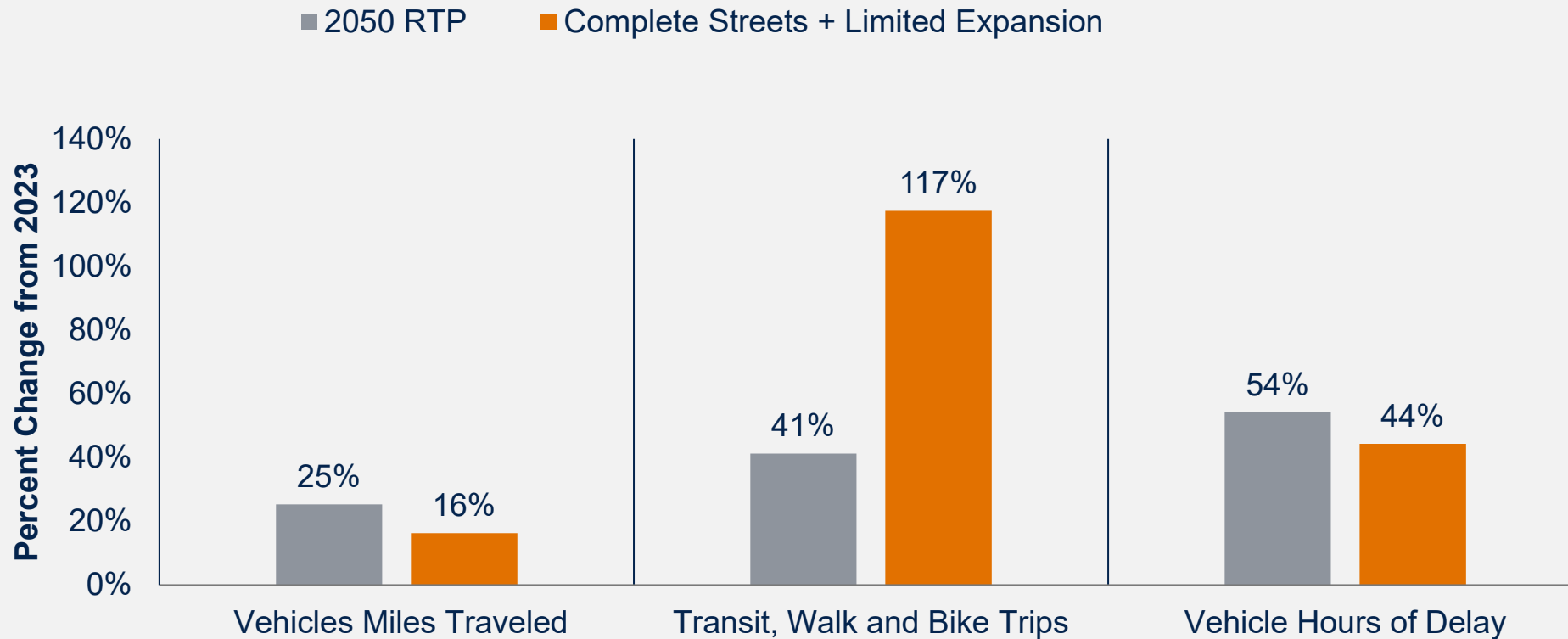
Compared to 2023 conditions.



Complete Streets + Limited Roadway Expansion

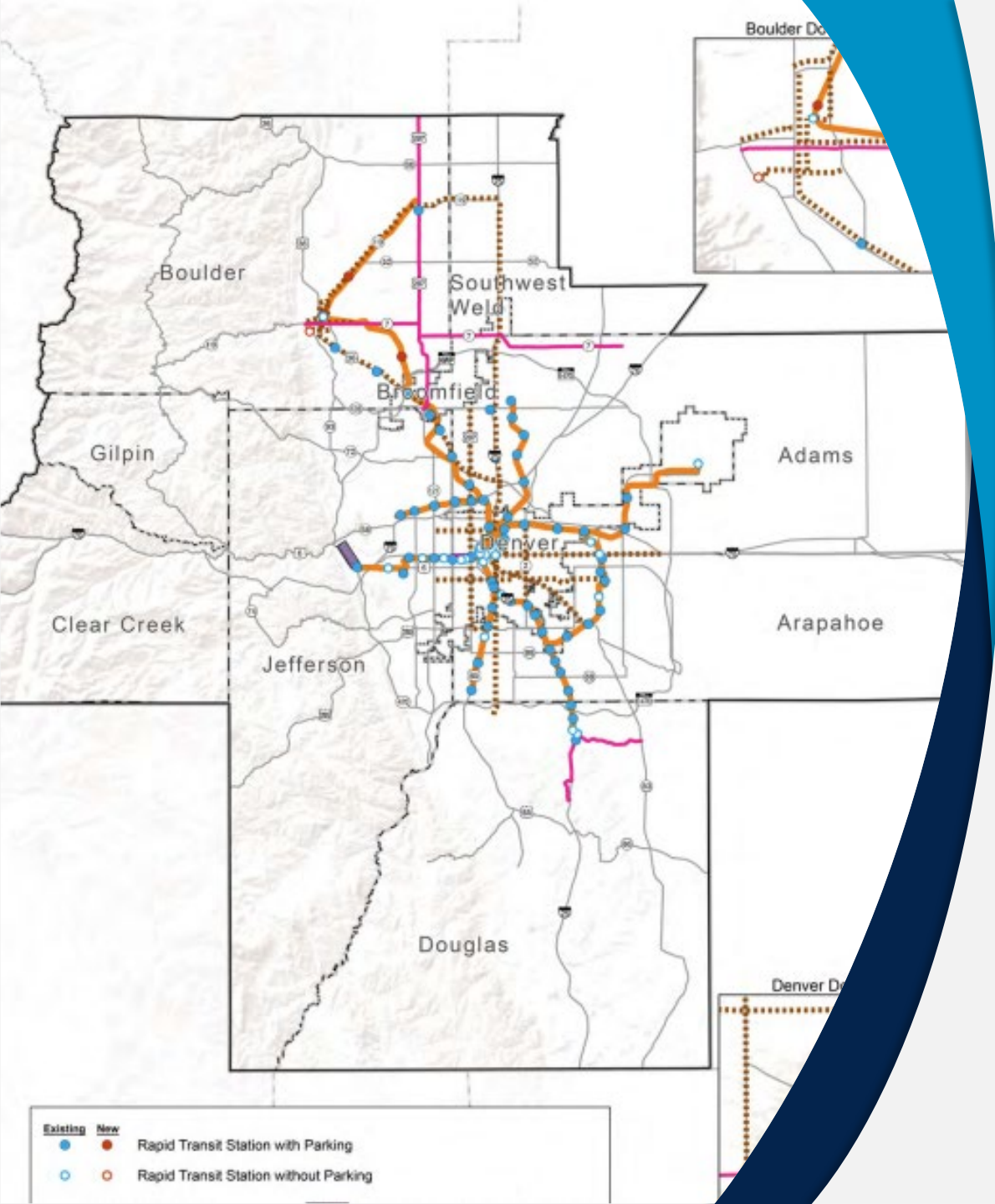


i Compared to 2023 conditions.





Land use scenario



Transit-focused

i Allow for more residential development around transit corridors and stations.

- 2050 RTP **fiscally constrained transit investments.**
- Increase capacity to **40 dwelling units per acre** in high frequency transit corridors.
 - Decrease capacity outside high frequency transit corridors.

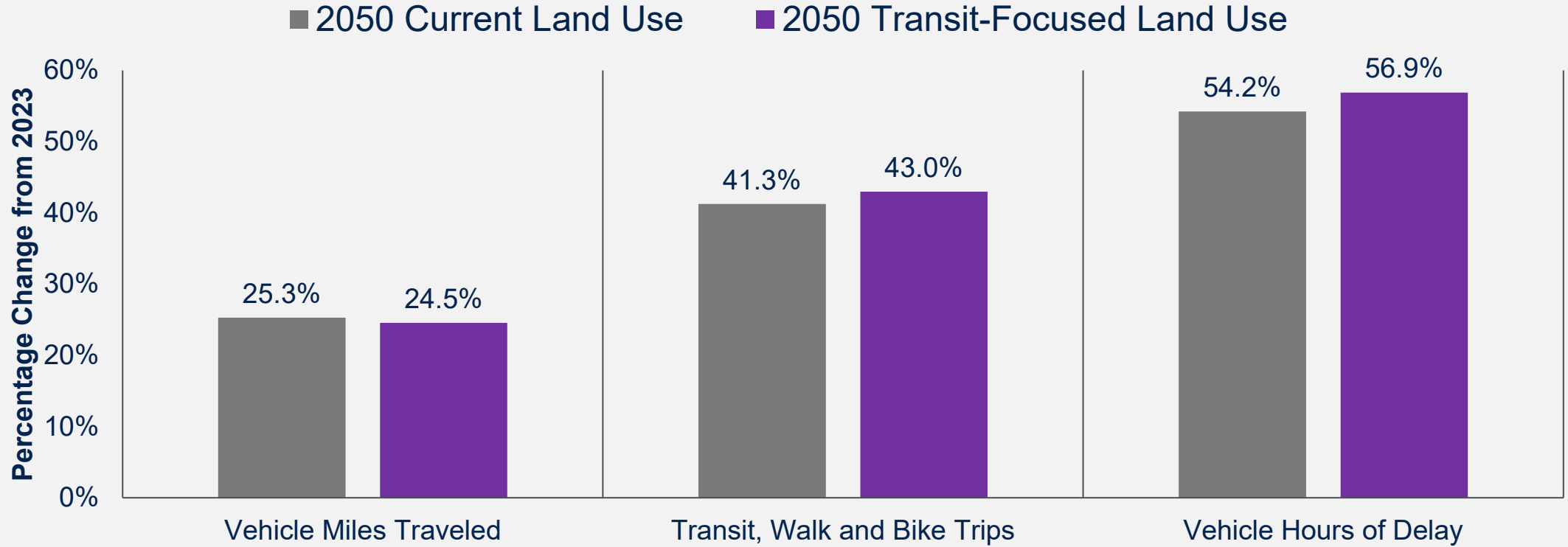
Location choice in scenario geographies

Scenario	Geography	2023 share of households	2050 share of households	Share of household growth
Current land use	Transit-focused	35%	36%	38%
Transit-focused	Transit-focused	35%	41%	57%



Transit-focused+ land use comparison

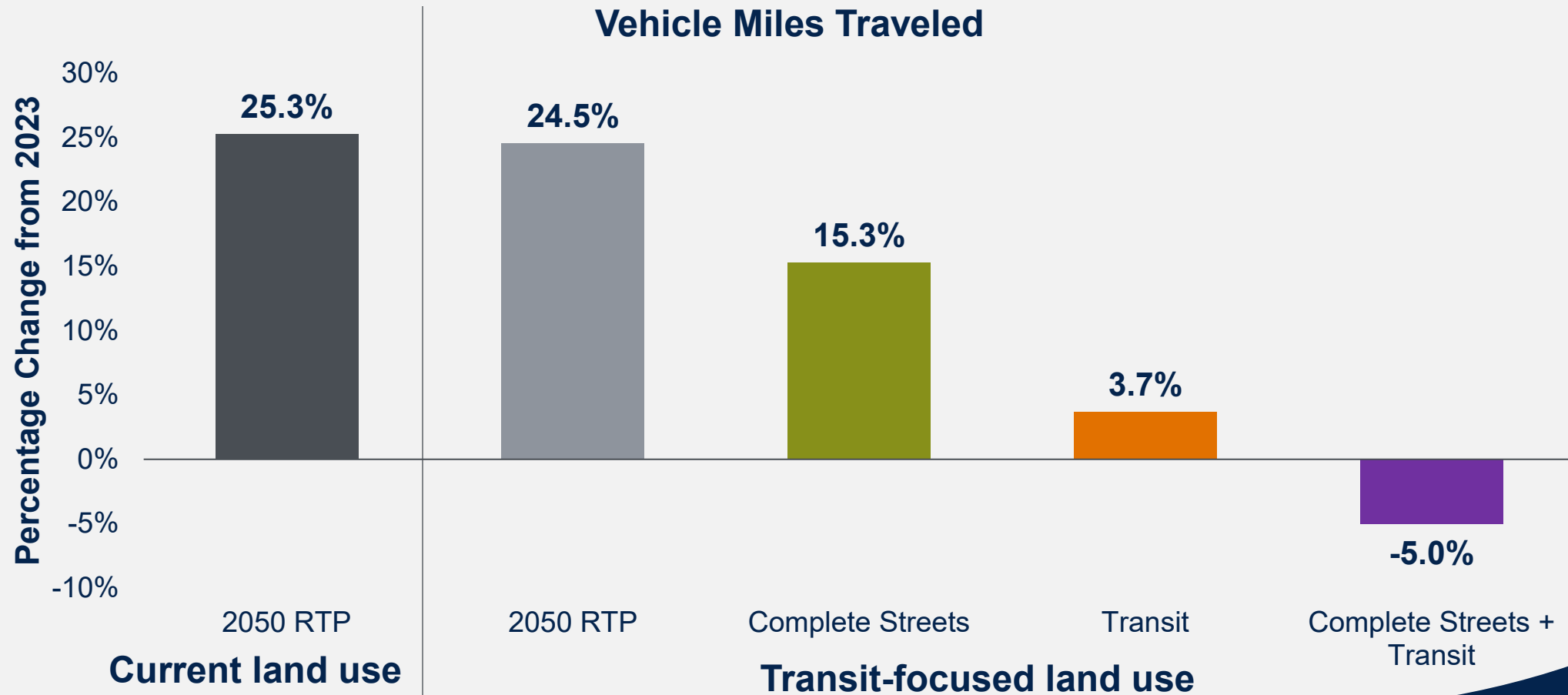
i Compared to 2023 conditions.





Scenario comparisons – vehicle miles traveled

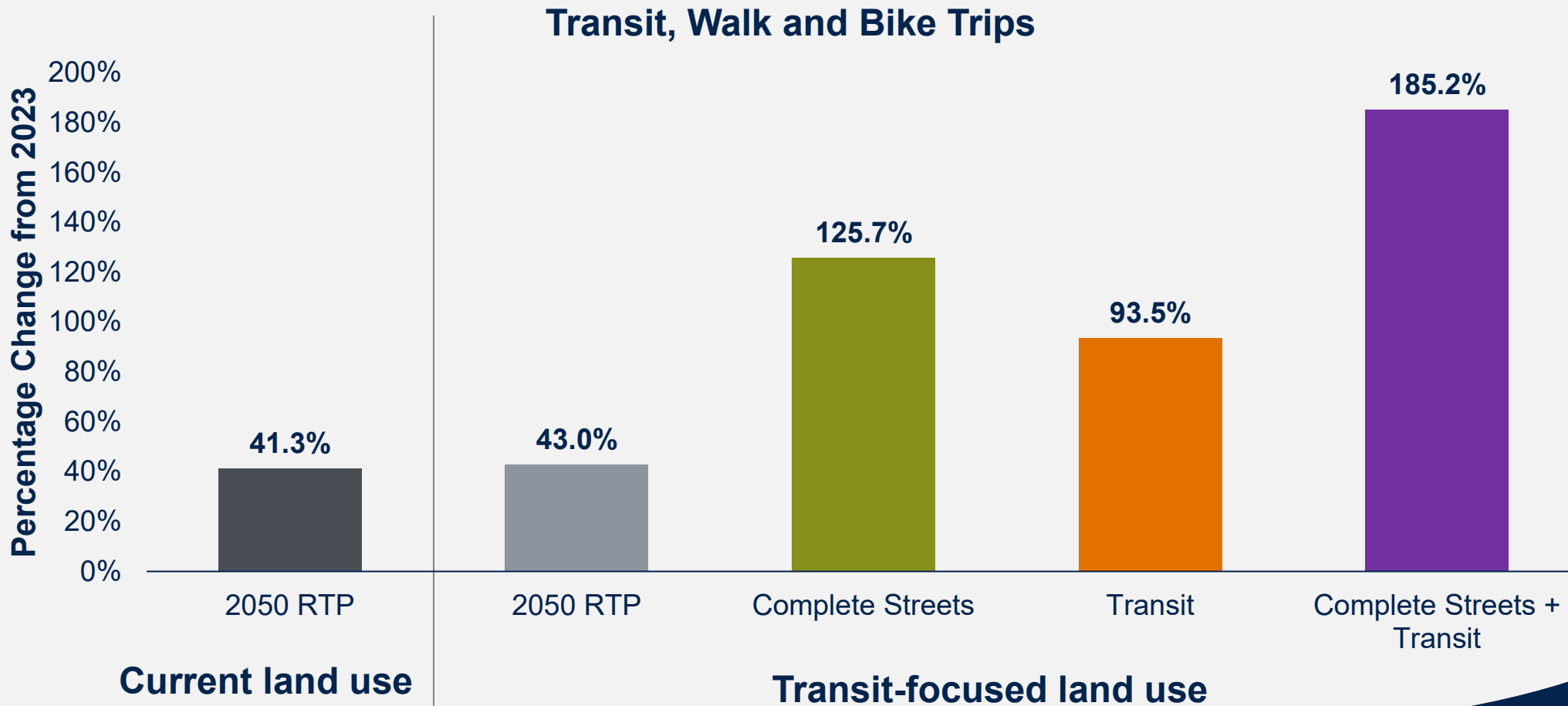
i Compared to 2023 conditions.





Scenario comparisons – transit, walk, bikes trips

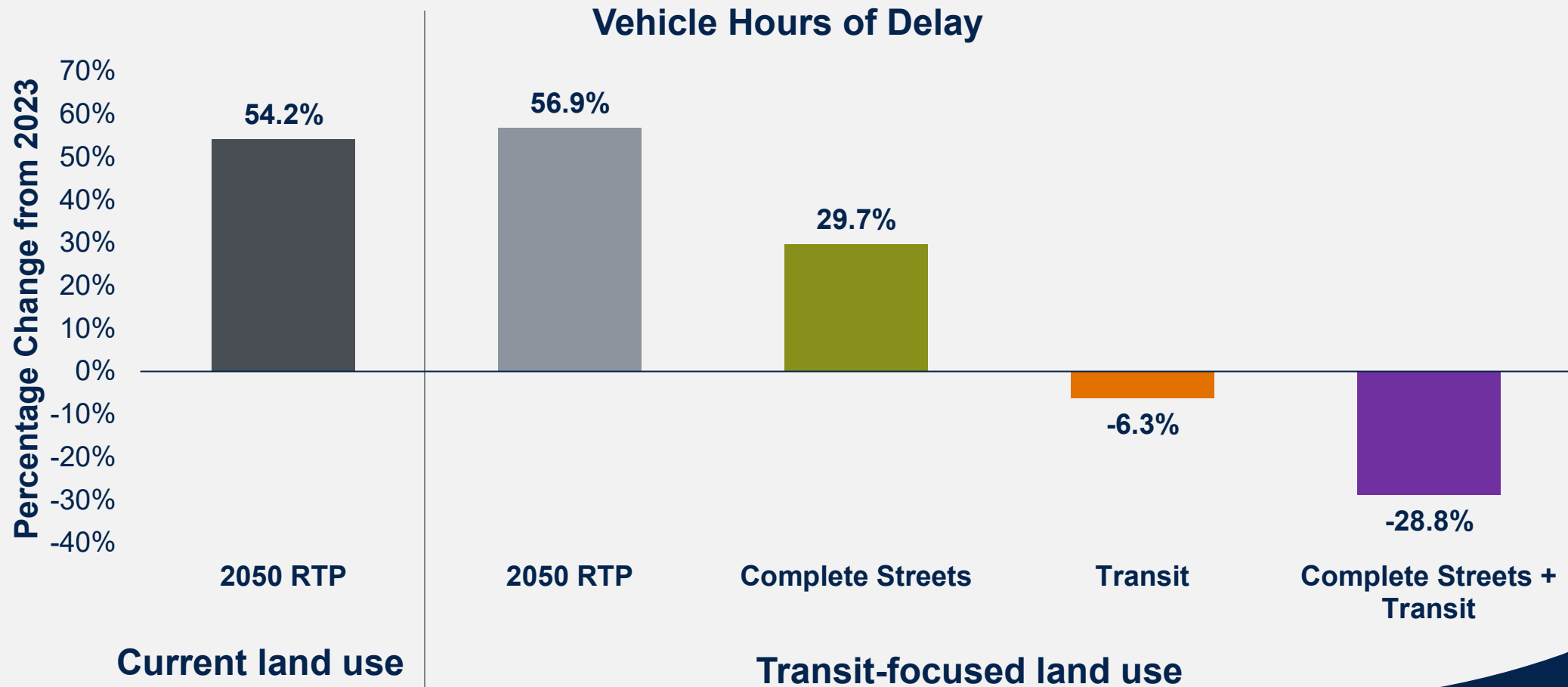
i Compared to 2023 conditions.





Scenario comparisons – vehicle hours of delay

i Compared to 2023 conditions.



Microtransit example

i Microtransit services extend the reach of RTD's fixed-route transit service and present a convenient option for riders.

- Residents have **more freedom and are better connected** to everyday services like healthcare, grocery stores, laundromats, pharmacies, and schools.
 - Additional 150-250 rides per day.
- Hiring preferences provide **jobs to local residents** who know the community.

Key takeaways

- **Land use is not the primary driver** of mobility changes alone.
- **Complementary transportation strategies are needed** in combination with land use changes around planned transit investment.
- In addition to regional changes, there are significant changes possible at the **community** and **neighborhood level**.
- Select transportation scenarios meet Metro Vision targets for VMT, non-SOV trips, and delay, but **transportation-land use combinations show greater magnitude of change**.



Next steps

- **Developing a report** on this scenario planning effort.
- **Meeting discussions with the TAC** on leveraging the results from scenarios.

Contact information

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asanchez@drcog.org

If you need digital accessibility assistance, submit a request at drcog.org/access or call 303-455-1000. Please expect a response within 72 hours (three business days).