

MOBILITY 2045 UPDATE

SCHEDULE AND DRAFT PLAN PROGRESS

March 10, 2022

Regional Transportation Council

PLAN SCHEDULE

4-Year Federal
Requirement

June 2018

Mobility 2045
Adopted

November
2018

**Air Quality
Conformity
Determination**

May/June
2022

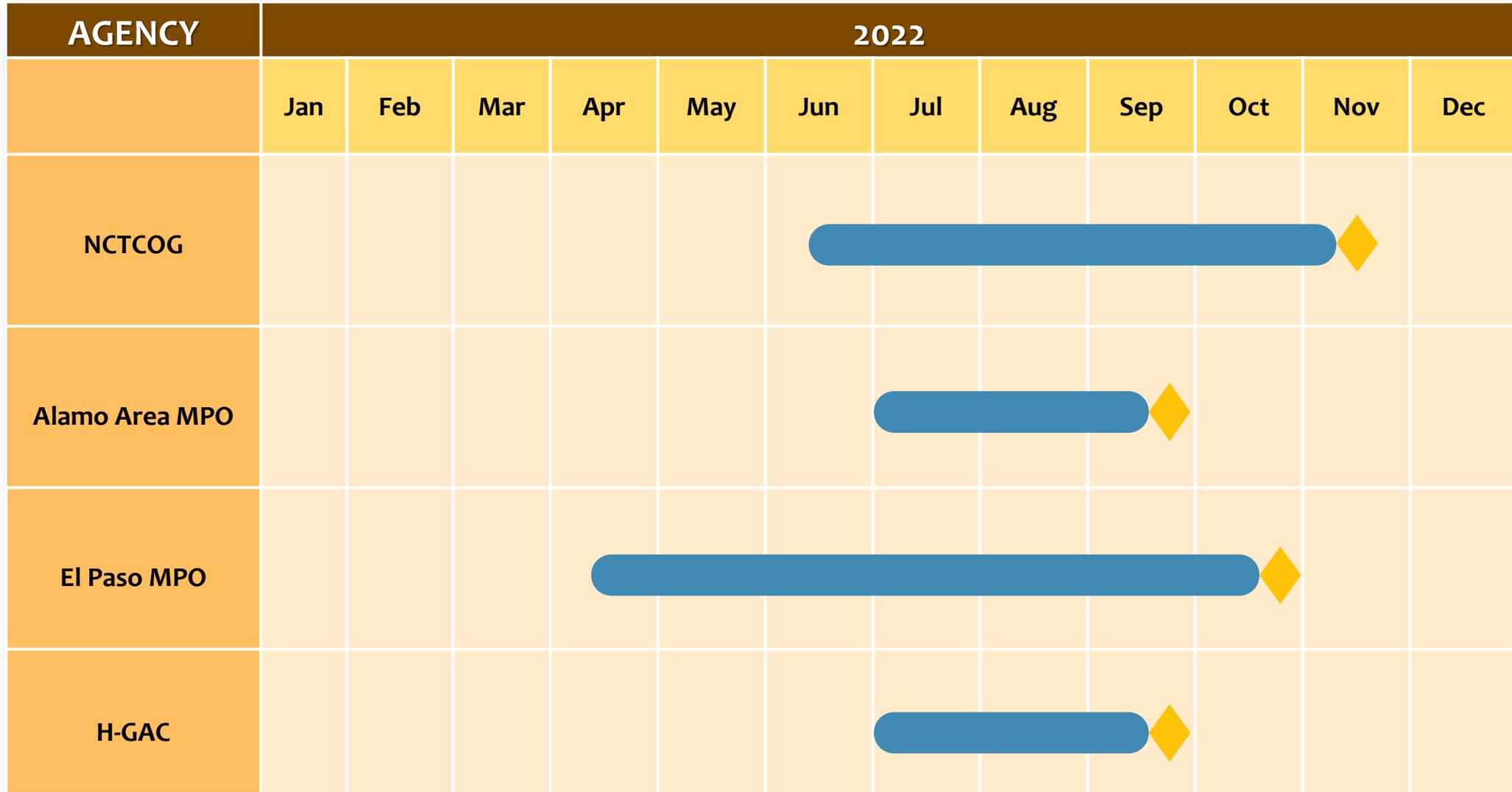
ACTION
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Texas Conformities in 2022 (Tentative Schedule)

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 = Conformity Documents Partners' Review
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Source: NCTCOG and TTI (For Other Area MPOs)

MAJOR PLAN UPDATE EMPHASIS

Updated travel and demographic data

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Updated financial forecast

Project, Program, and Policy refinements

Updated performance-based planning framework

Updated Policy Bundle

Draft Policy and Program Listing
www.nctcog.org/PlanInProgress



HIGHLIGHTED POLICY AND PROGRAM UPDATES



Safety

References new Pedestrian Safety Action Plan endorsed by the Regional Transportation Council on June 10, 2021



Health Accessibility Program

Identify and support transportation solutions to address health disparities in underserved communities, including solutions that improve access to healthy food and medical care



Environmental Considerations

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TDM Strategies

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HIGHLIGHTED TECHNOLOGY PROGRAM UPDATES



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Advance high-speed rail between Dallas-Arlington-Fort Worth and monitor hyperloop technology advancement per policy P22-01; ensure connectivity with the proposed Houston-Dallas high-speed rail and Fort Worth-Laredo high-speed rail/hyperloop



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New policy to safely and efficiently integrate Vertical Mobility Technology, Advanced Air Mobility, Urban Air Mobility, Unmanned Traffic Management, and Unmanned Aircraft Systems into the NCTCOG region



Advance Automated Transportation Systems (ATS)

Apply ATS technology in passenger and freight applications for local circulation and first/last mile access to regional rail



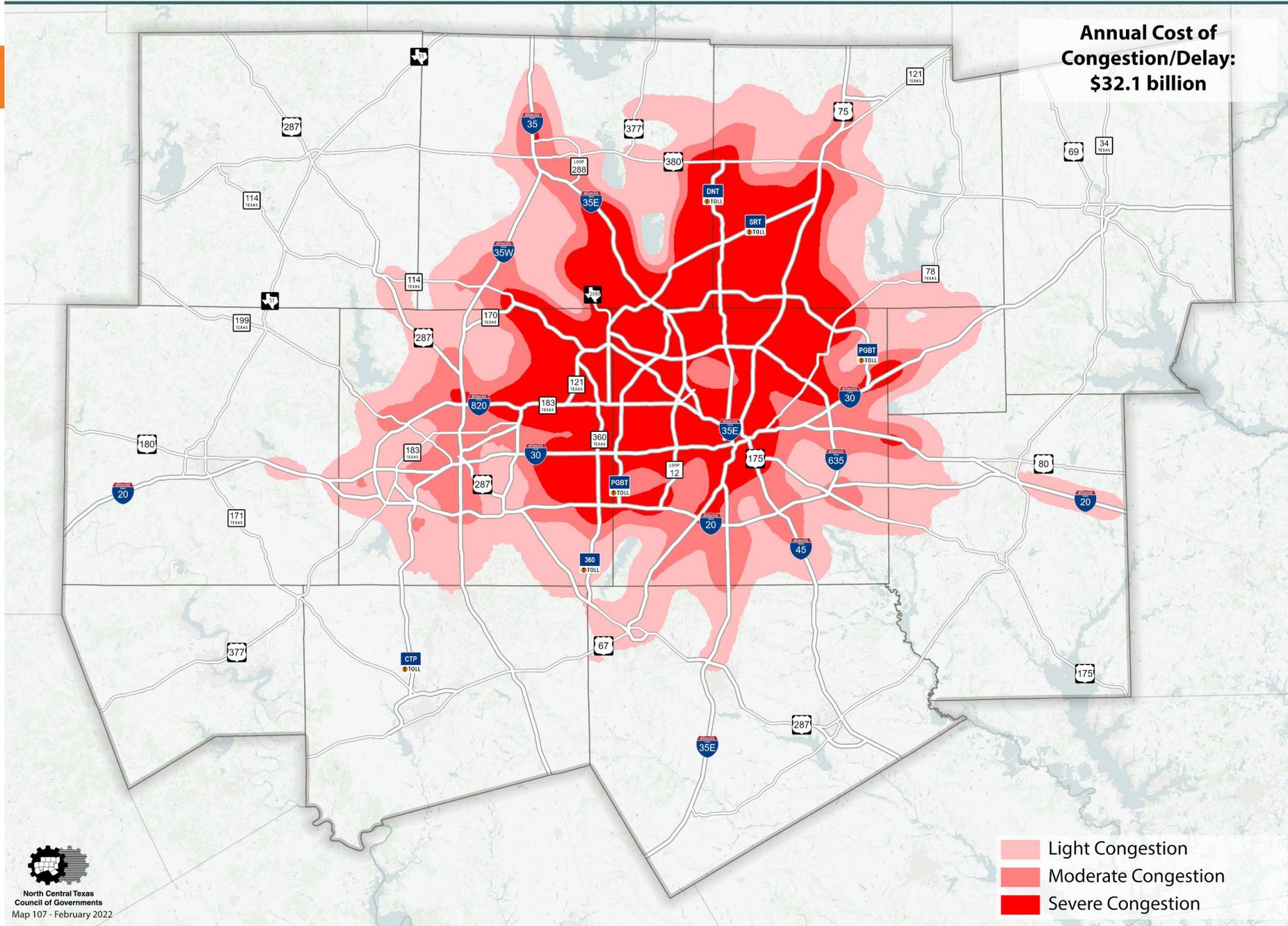
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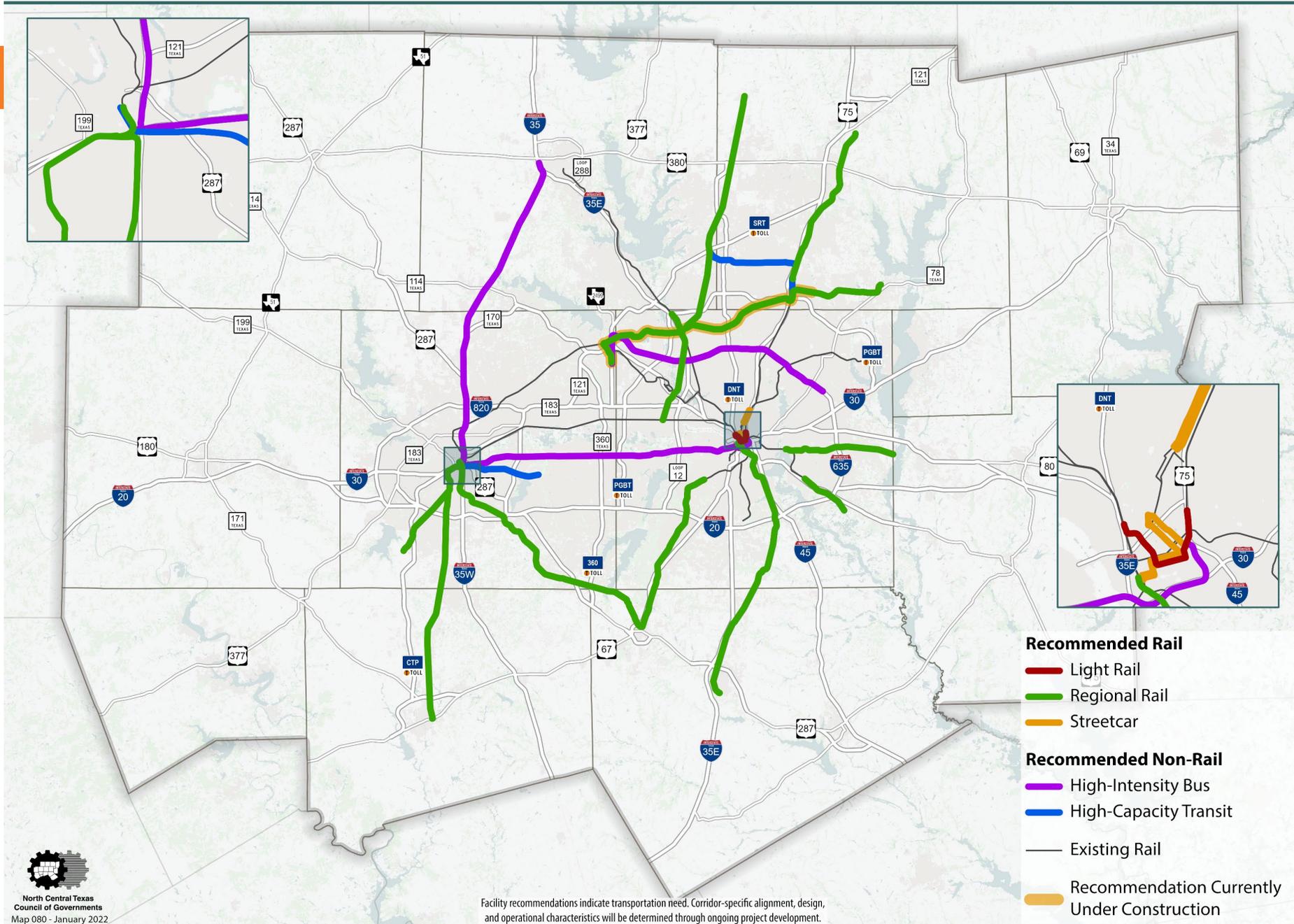
Incorporate the new Automated Vehicle 2.0 initiative launched since the adoption of the last Mobility Plan



Internet and Broadband

Incorporates a new topic of broadband internet through discussion of access, infrastructure, the intersection of communications and transportation, and potential uses





Recommended Rail

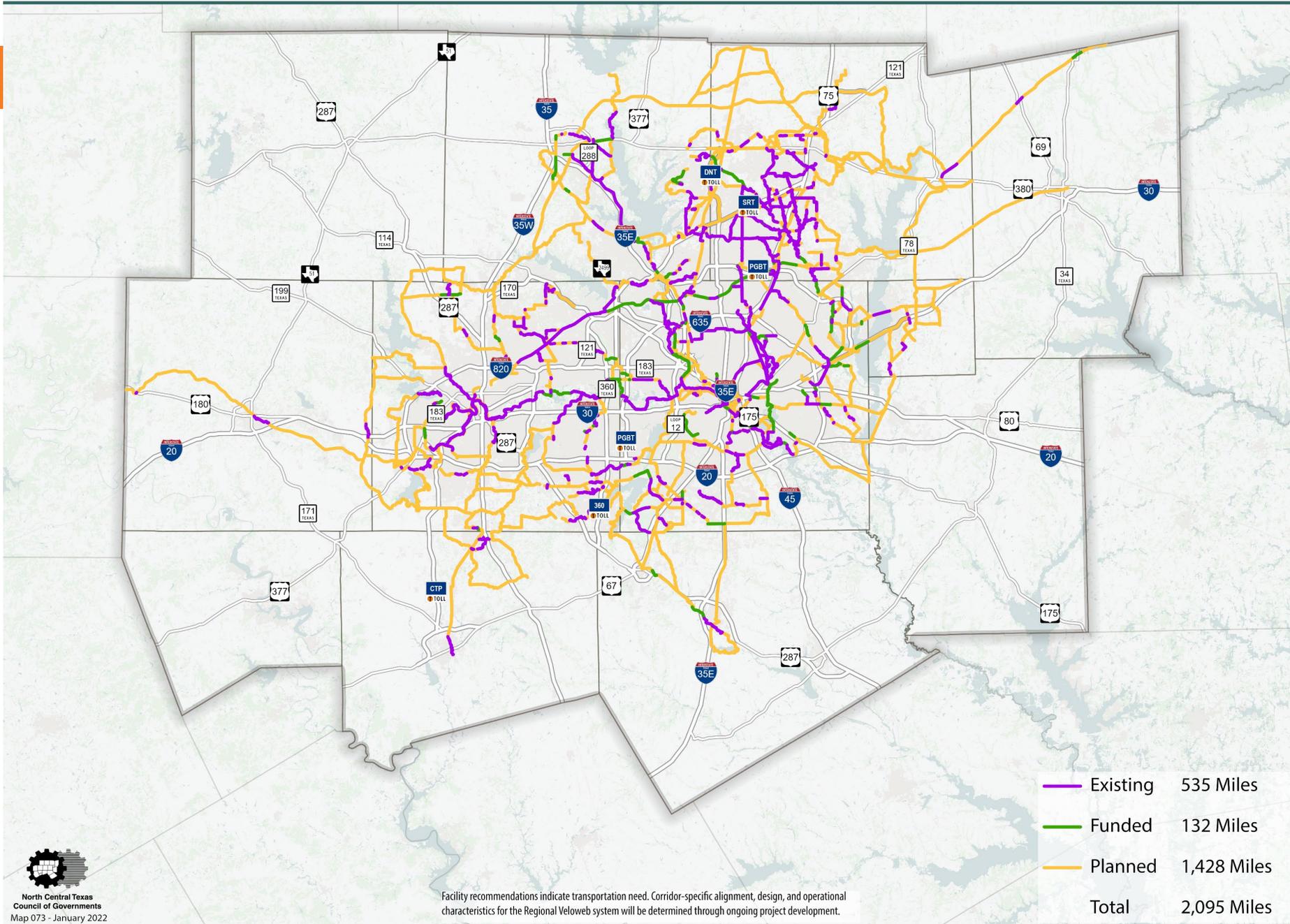
- Light Rail
- Regional Rail
- Streetcar

Recommended Non-Rail

- High-Intensity Bus
- High-Capacity Transit

— Existing Rail

— Recommendation Currently Under Construction



— Existing	535 Miles
— Funded	132 Miles
— Planned	1,428 Miles
Total	2,095 Miles

MORE DRAFT MAPS AND RECOMMENDATIONS TABLES AVAILABLE ONLINE

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Recommendations

Regionally-
Significant
Arterials

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Transit Corridor
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Roadway Project
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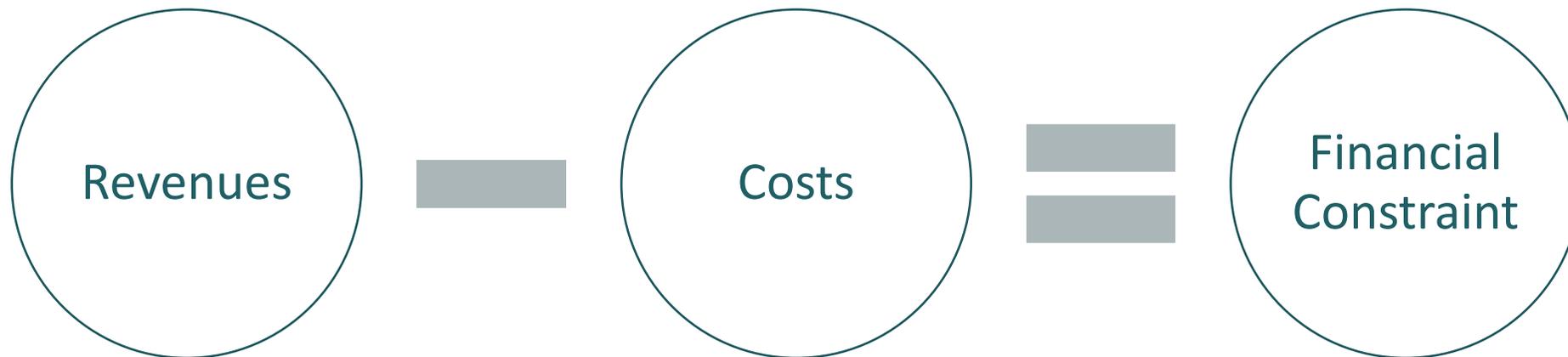
FINANCIAL PLAN REQUIREMENTS

Plan must be financially constrained

Include all reasonably expected sources of revenue

Year of expenditure dollars

Balance priorities with available revenues



PRELIMINARY FINANCIAL PLAN COST

		MOBILITY 2045	MOBILITY 2045 UPDATE	
MAXIMIZE EXISTING SYSTEM	Infrastructure Maintenance	36.8	39 B	5% ▲
	Management & Operations	9.5	10 B	0% ▲
	Growth, Development, & Land Use Strategies	3.2	1 B	60% ▼
STRATEGIC INFRASTRUCTURE INVESTMENT	Rail & Bus	33.3	42 B	25% ▲
	HOV/Managed Lanes + Freeways/Tollways and Arterials	53.6	56 B	5% ▲
Total, Actual \$, Billions		136.4 Billion	~150 Billion	10% ▲

REVENUE SOURCES

Baseline Revenue

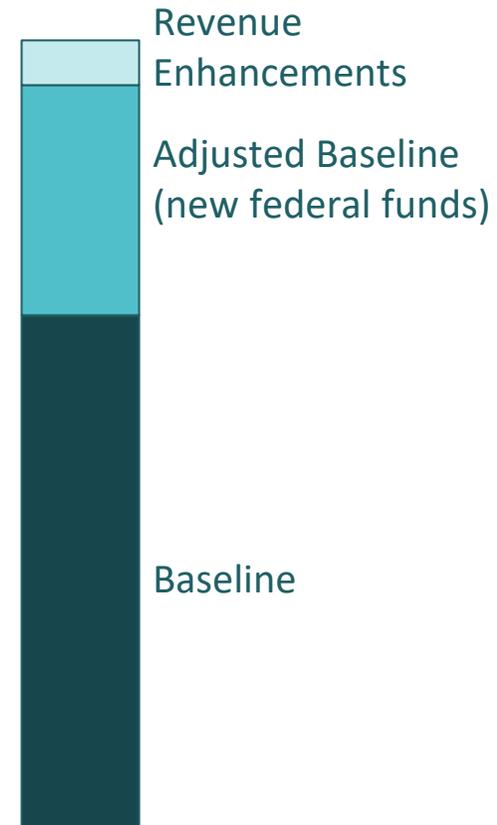
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- System revenue
- Transit revenue (sales tax, federal, local, etc.)
- Local funds/local match

Adjusted Baseline

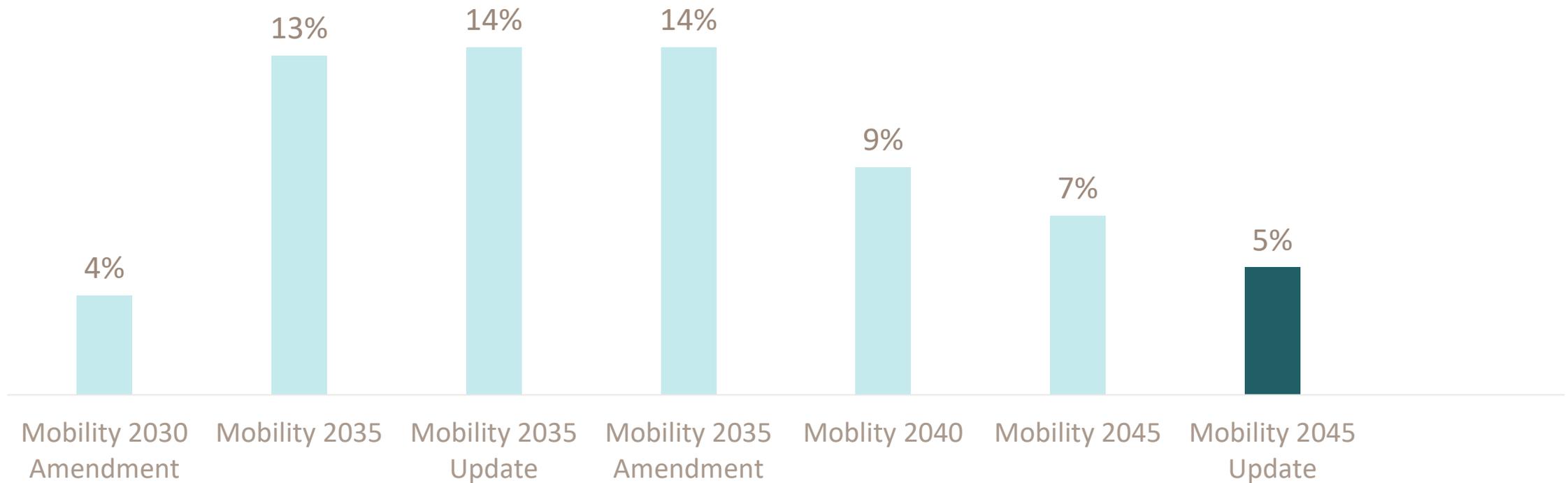
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- New federal funds for transit
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Revenue Enhancements

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- Local option vehicle registration fees



REVENUE ENHANCEMENTS IN PREVIOUS MOBILITY PLANS



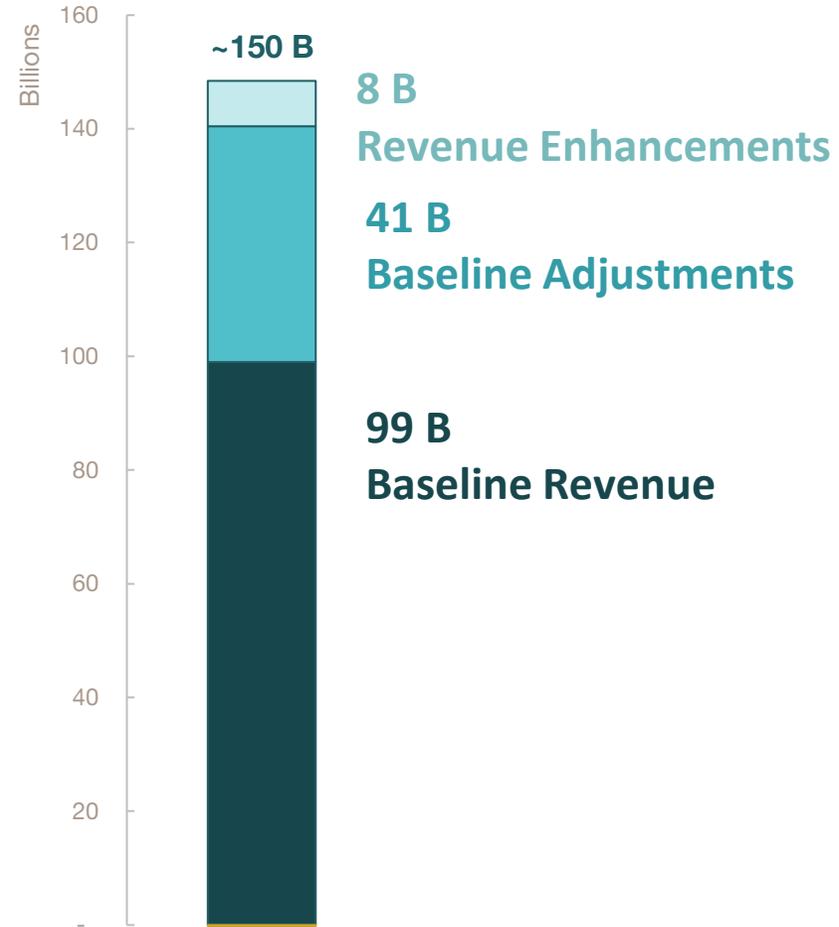
FINANCIAL CONSTRAINT

IN PROGRESS

Financial constraint expected

Forecast stage: developing/refining costs and revenues

Final stage: confirming final costs and revenues



TIMELINE

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bwheeler@nctcog.org

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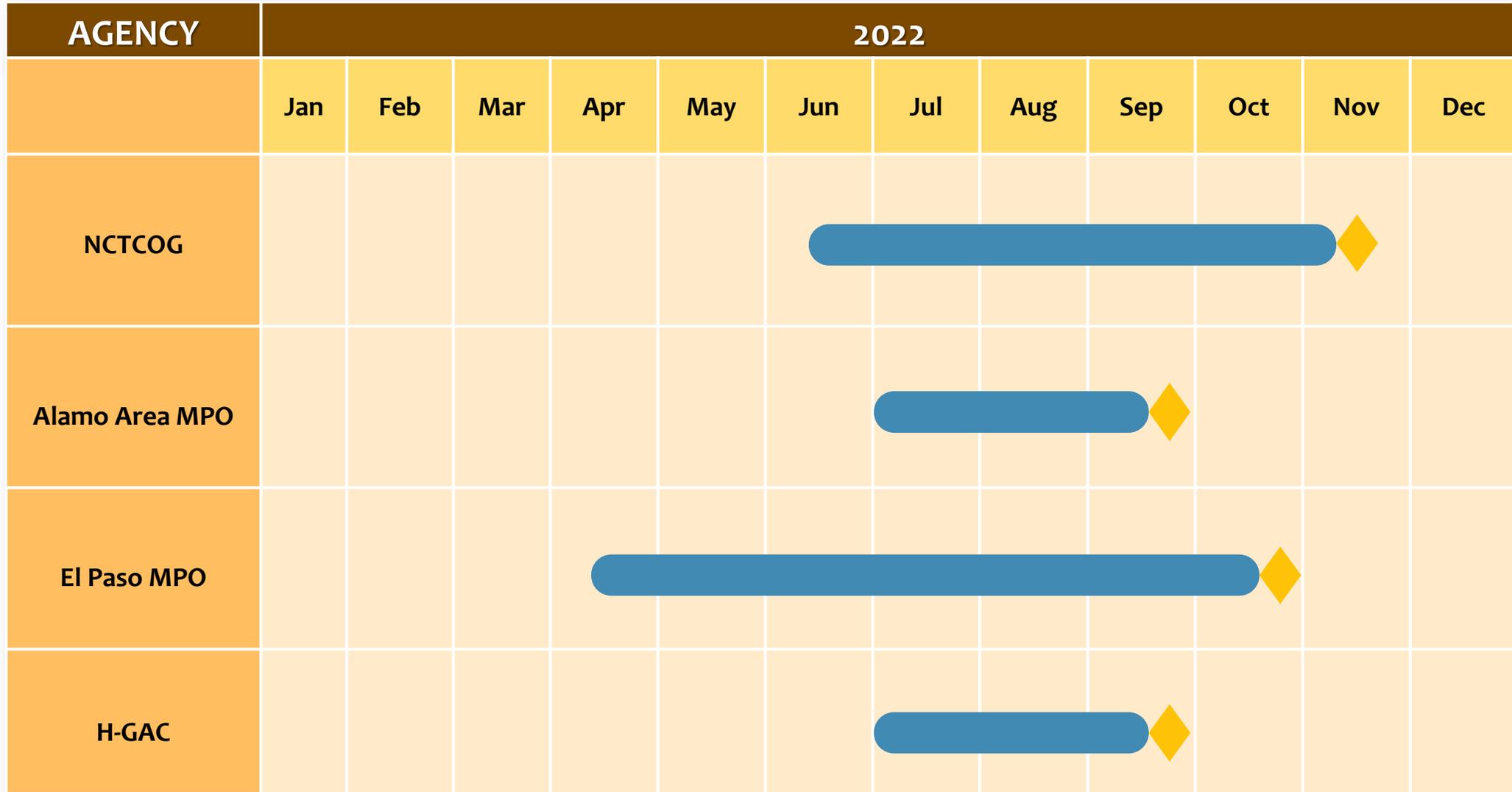
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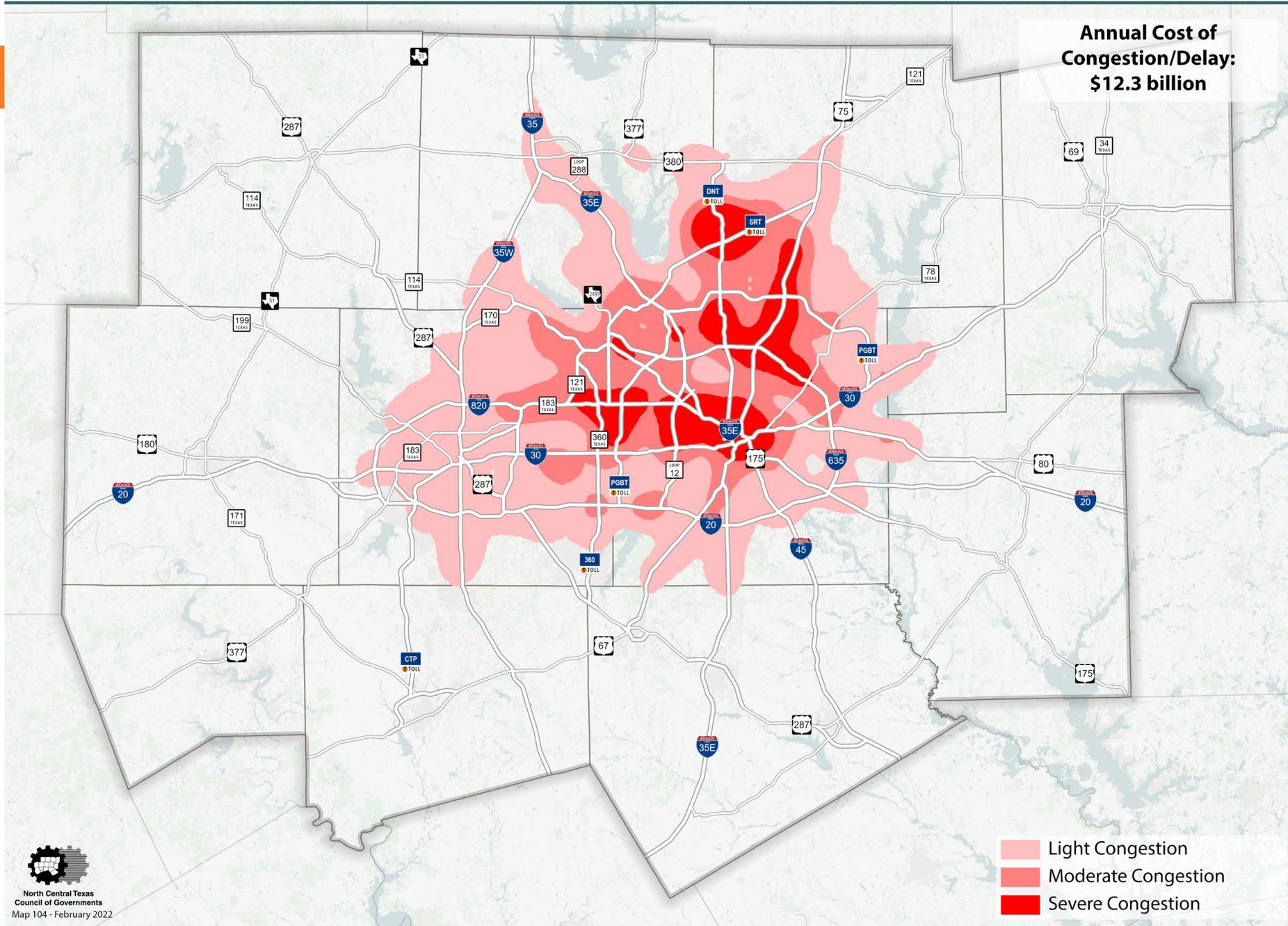
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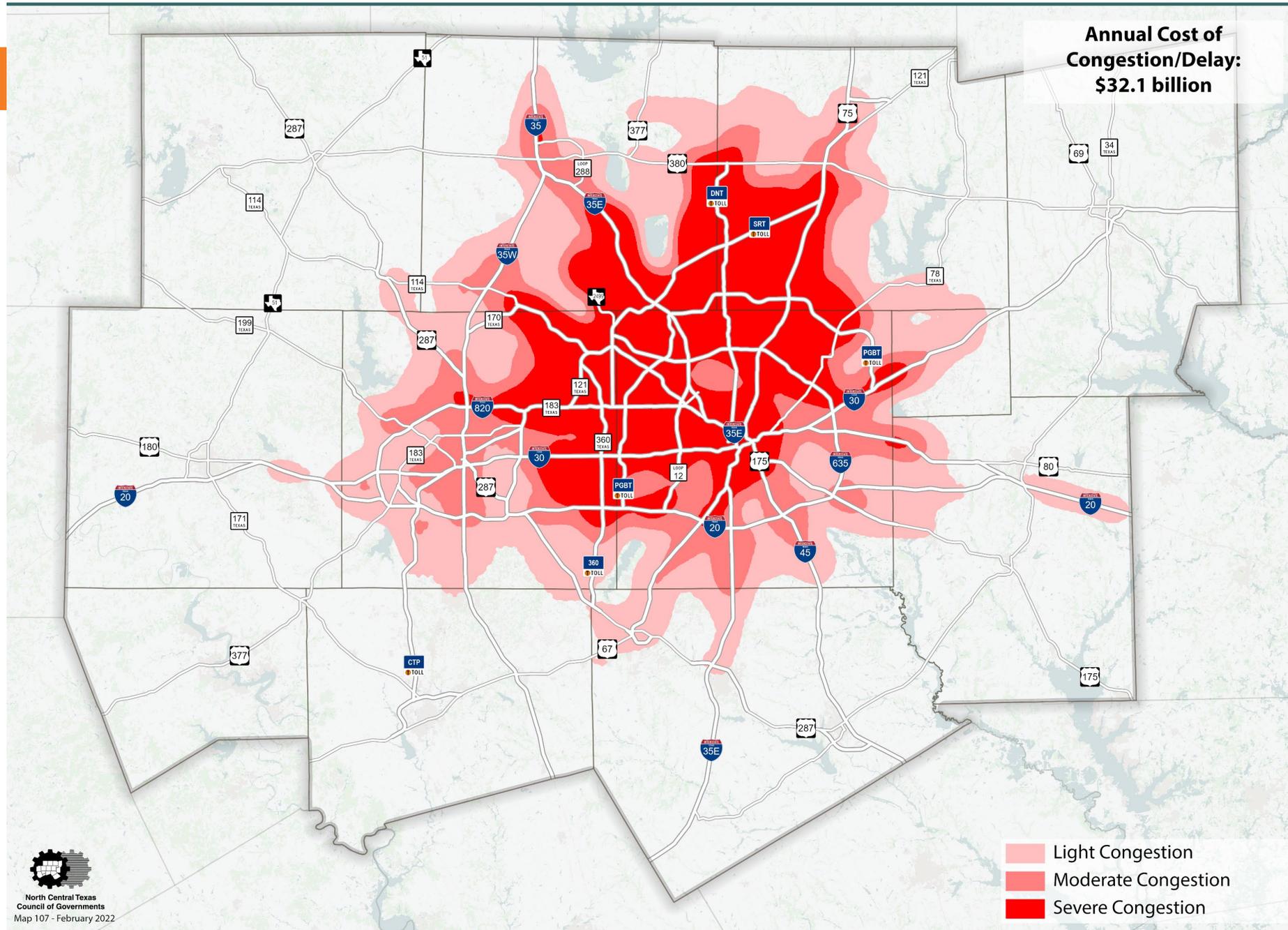
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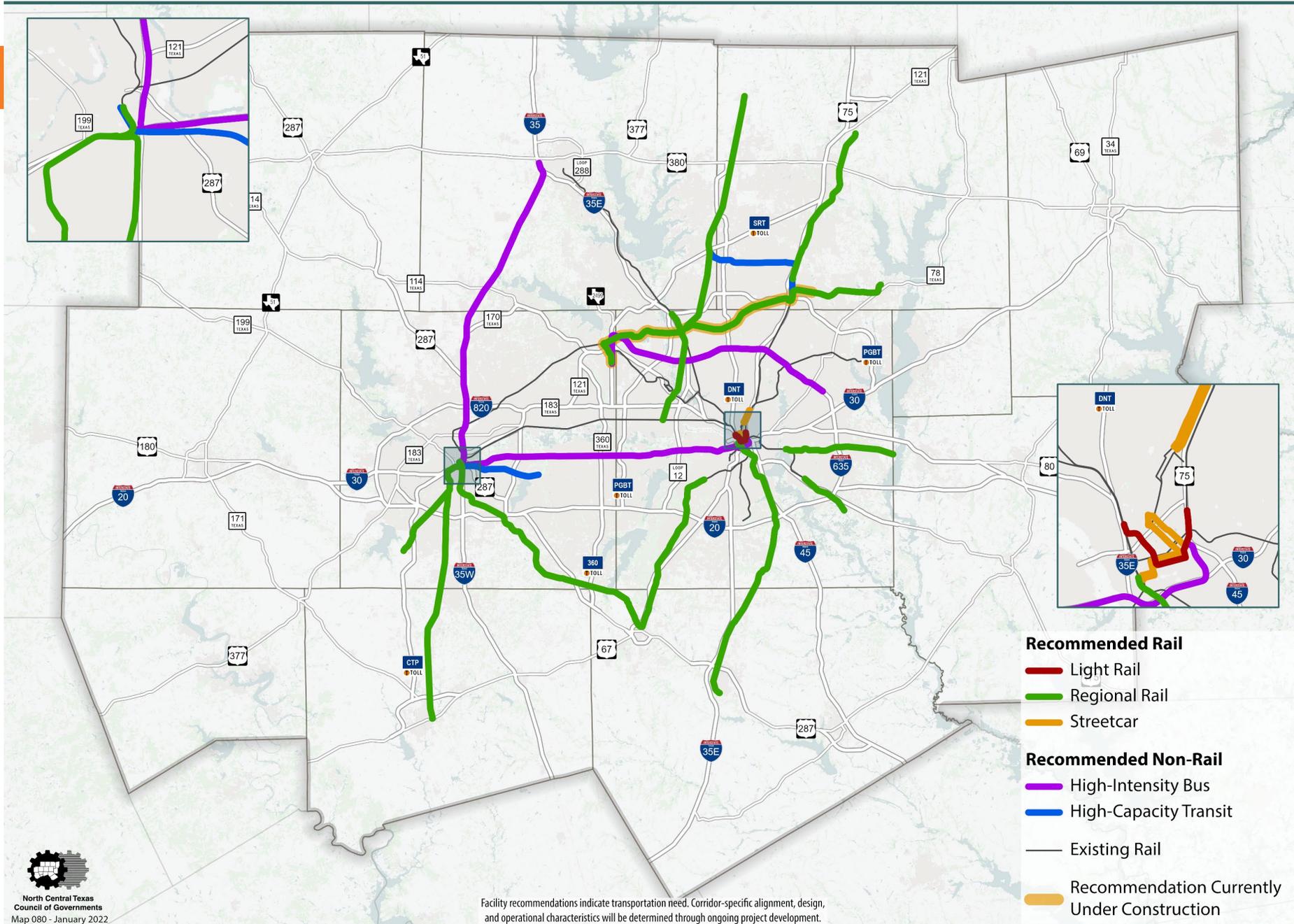


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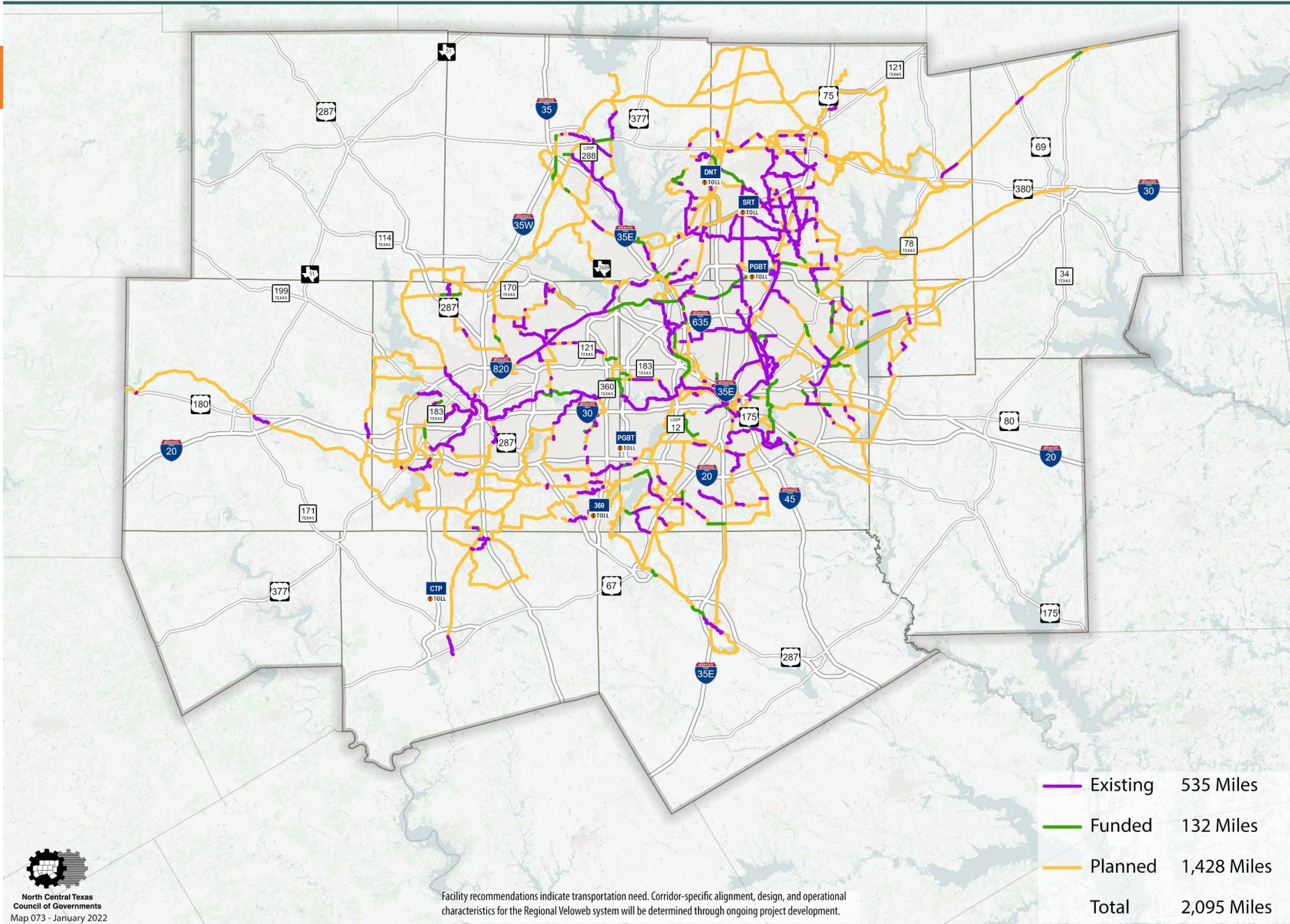
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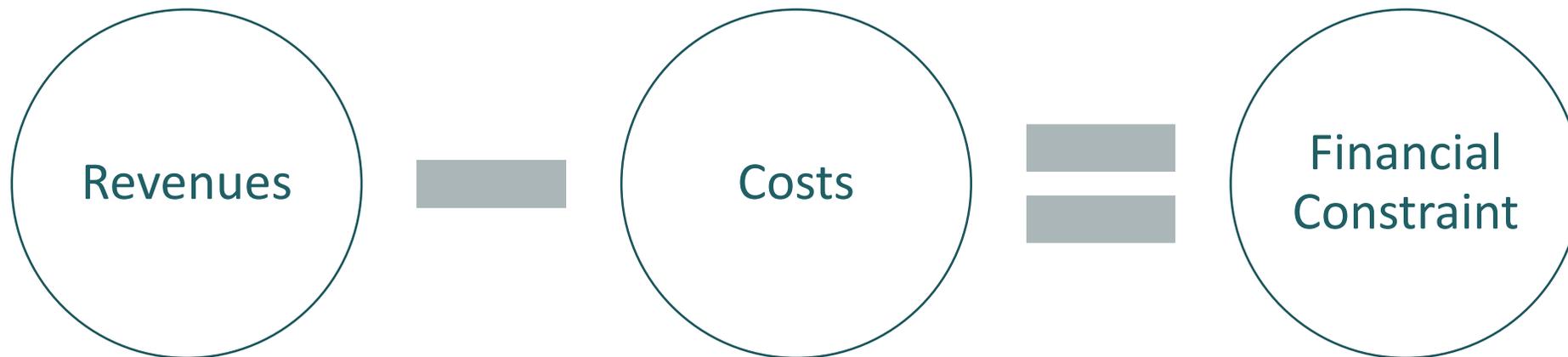
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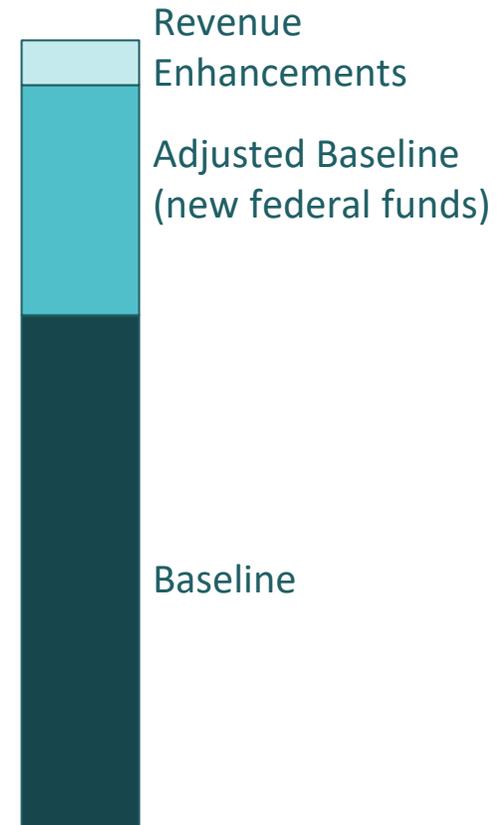
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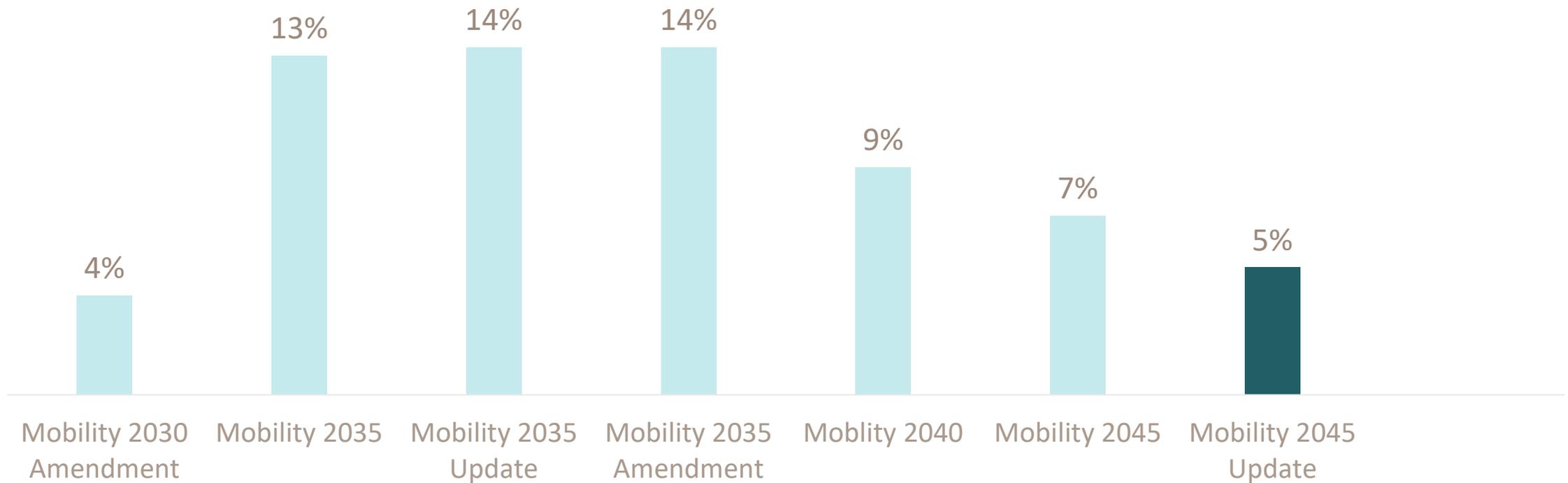
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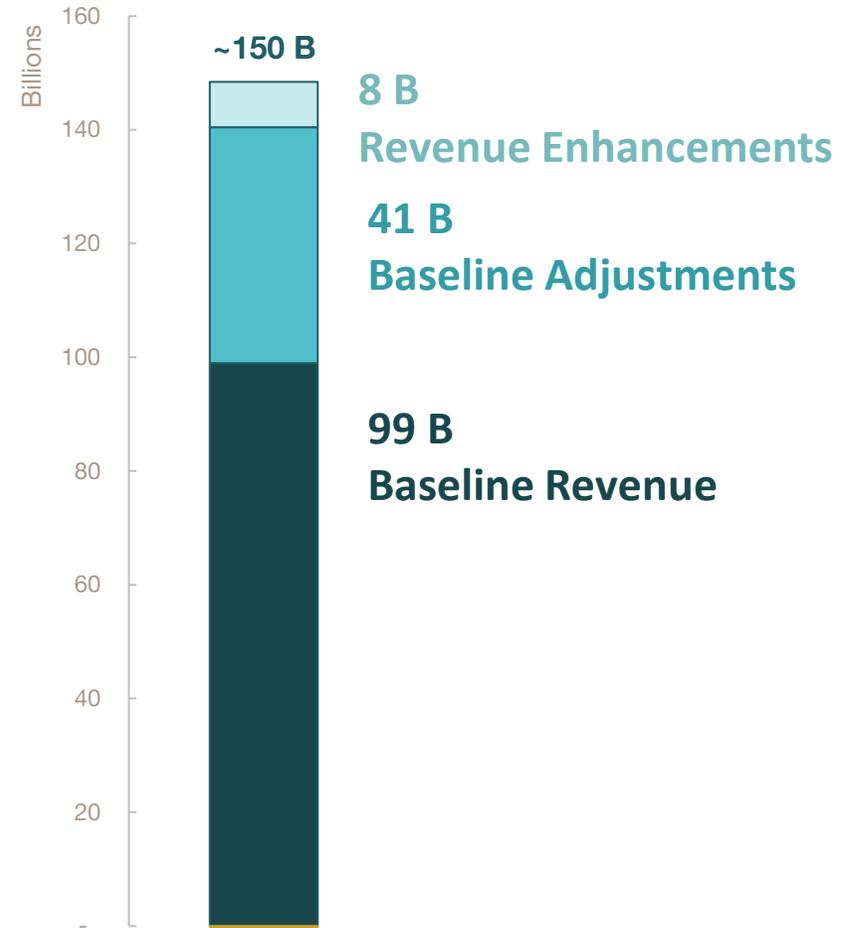
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