

MOBILITY 2045 UPDATE

SCHEDULE AND DRAFT PLAN PROGRESS

February 25, 2022

Surface Transportation Technical Committee

PLAN SCHEDULE

4-Year Federal
Requirement

June 2018

Mobility 2045
Adopted

November
2018

Air Quality
Conformity
Determination

May/June
2022

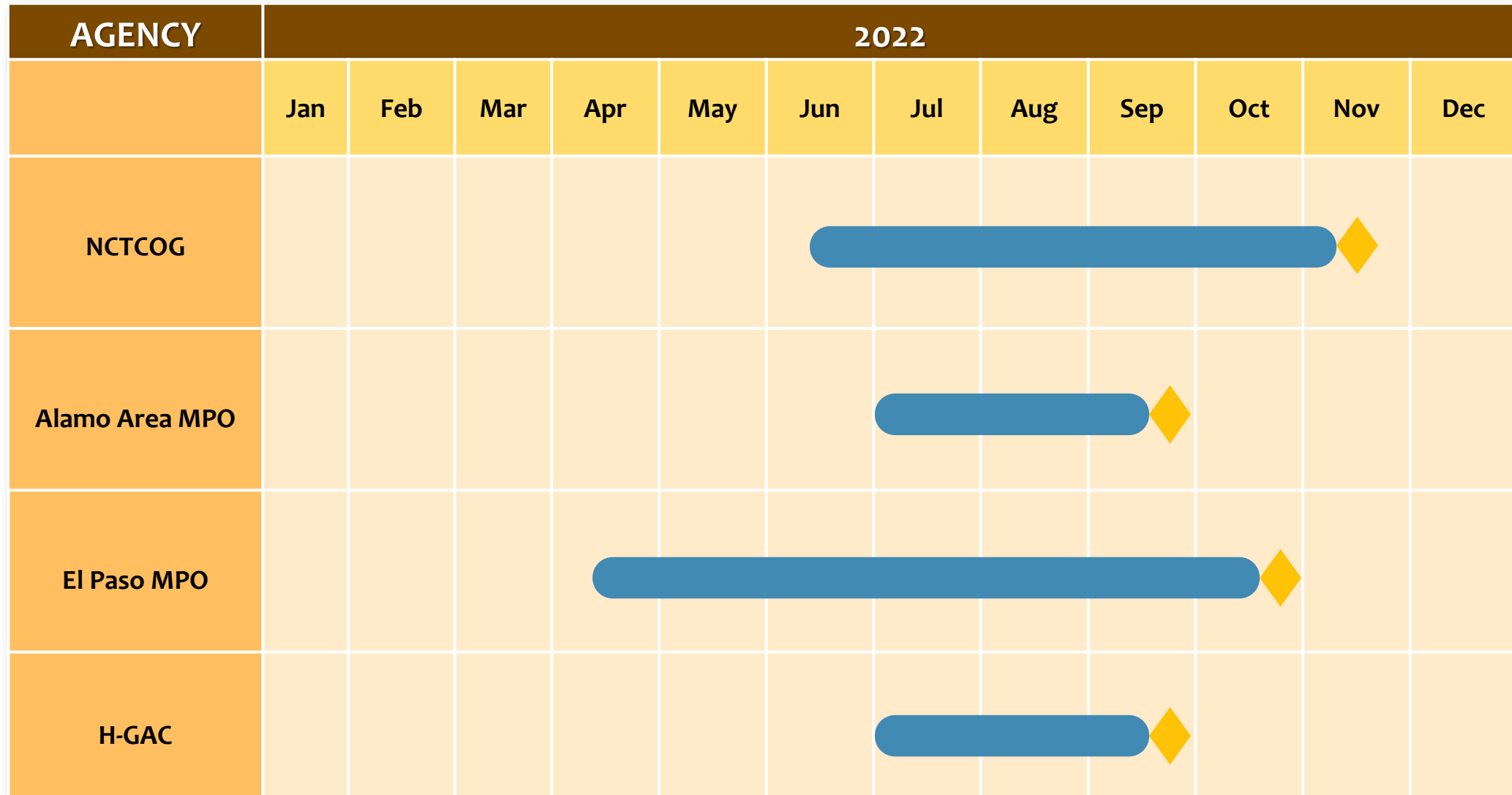
ACTION
Mobility 2045
Update

November
2022

DEADLINE ⚠
Air Quality
Conformity

Texas Conformities in 2022 (Tentative Schedule)

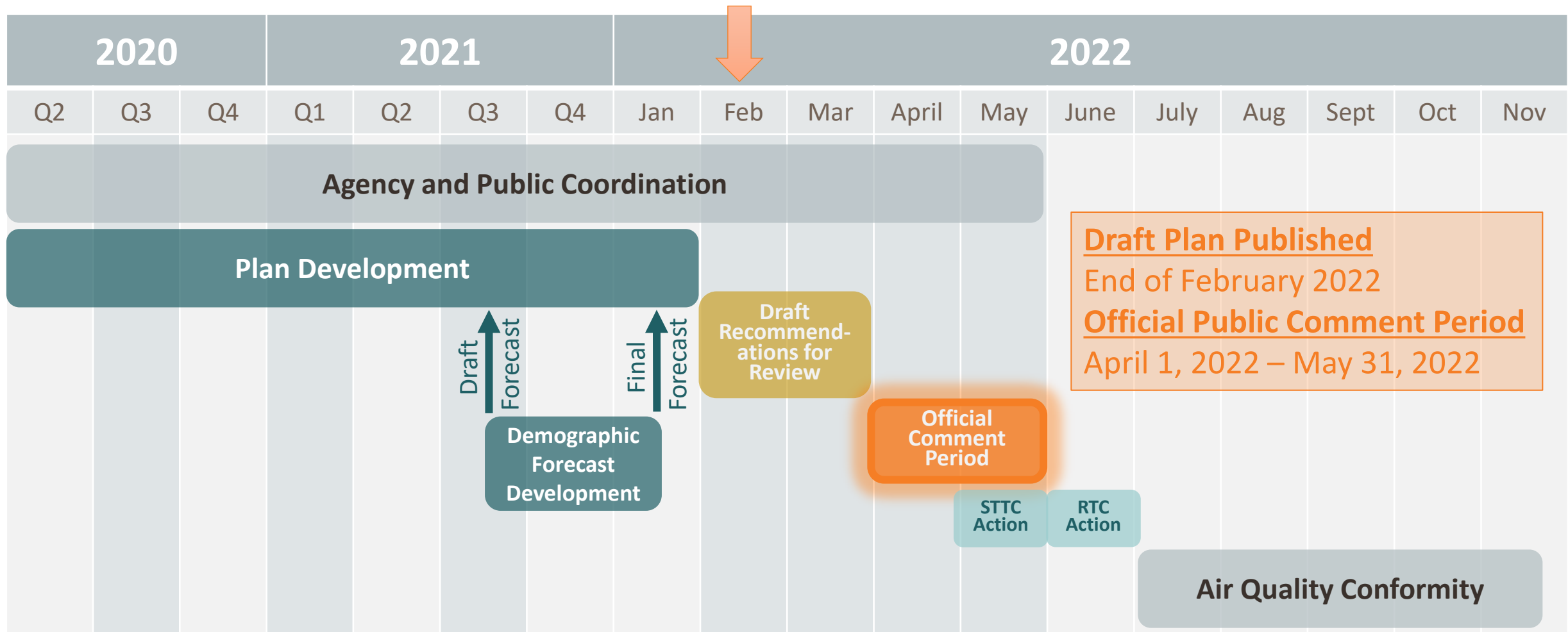
DRAFT



-  = Conformity Documents Partners' Review
-  = Potential USDOT Conformity Determination

Source: NCTCOG and TTI (For Other Area MPOs)

PLAN SCHEDULE



Notes:

- Public meetings held during highlighted months.
- Regional Transportation Council action on Mobility 2045 Update scheduled for June 9, 2022.

MAJOR PLAN UPDATE EMPHASIS

Updated travel and
demographic data

Updated travel
demand
forecasting tool

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

Build on air quality, resiliency, and environmental programs and incorporate new strategies



TDM Strategies

RTC Resolution R21-04 supports the establishment of a regional SOV trip reduction target of 20% annually

HIGHLIGHTED TECHNOLOGY PROGRAM UPDATES



Advance High-Speed Transportation recommendations

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



Safe Integration of Vertical Mobility Technology in the NCTCOG region

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



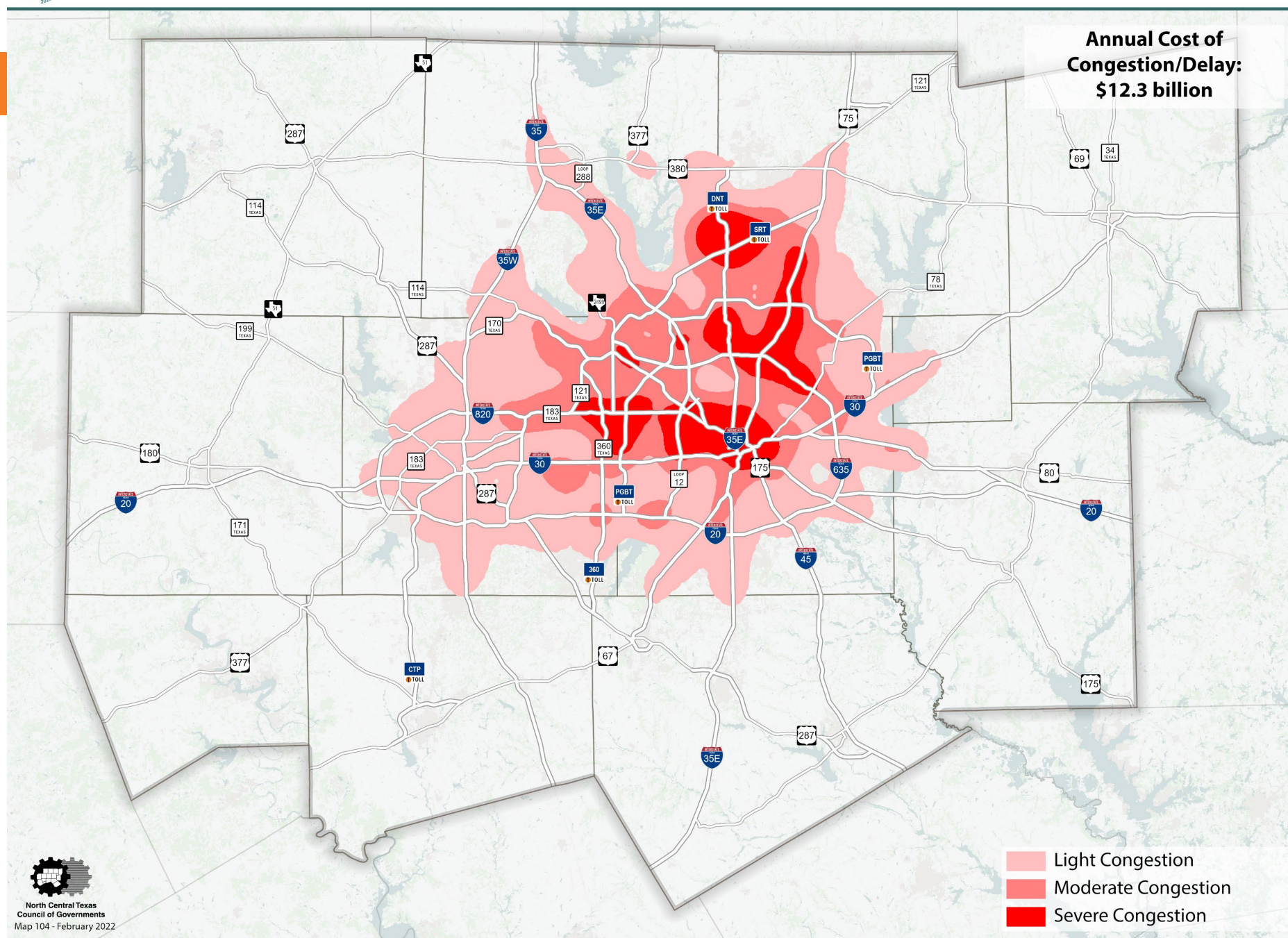
Automated Vehicles

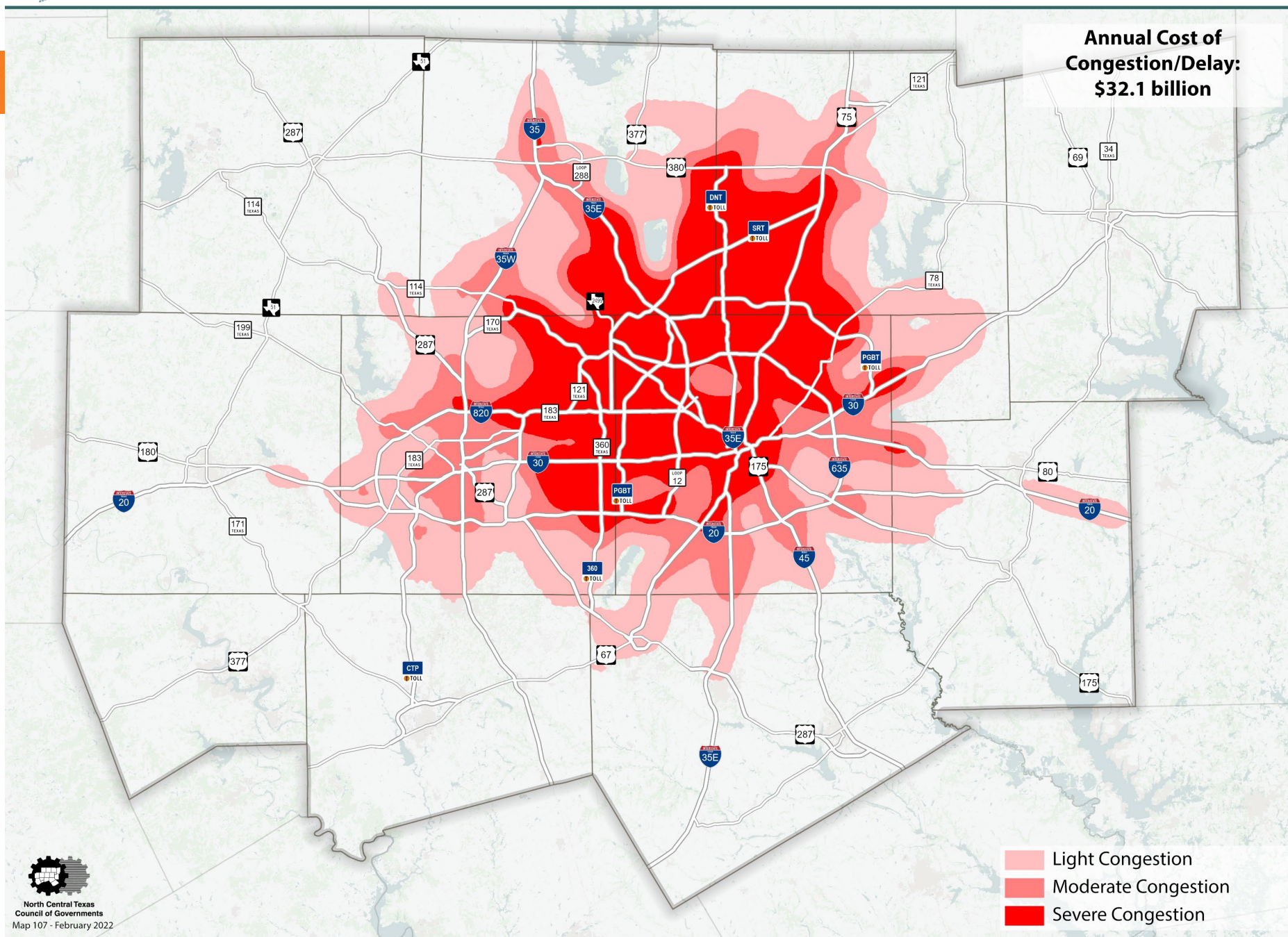
Incorporate the new Automated Vehicle 2.0 initiative launched since the adoption of the last Mobility Plan

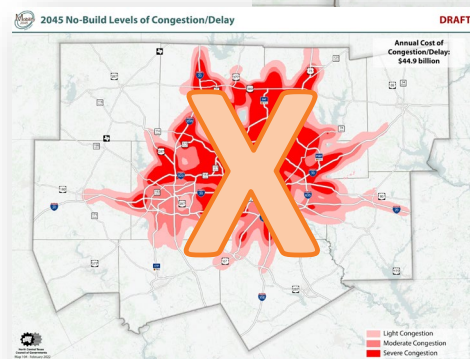
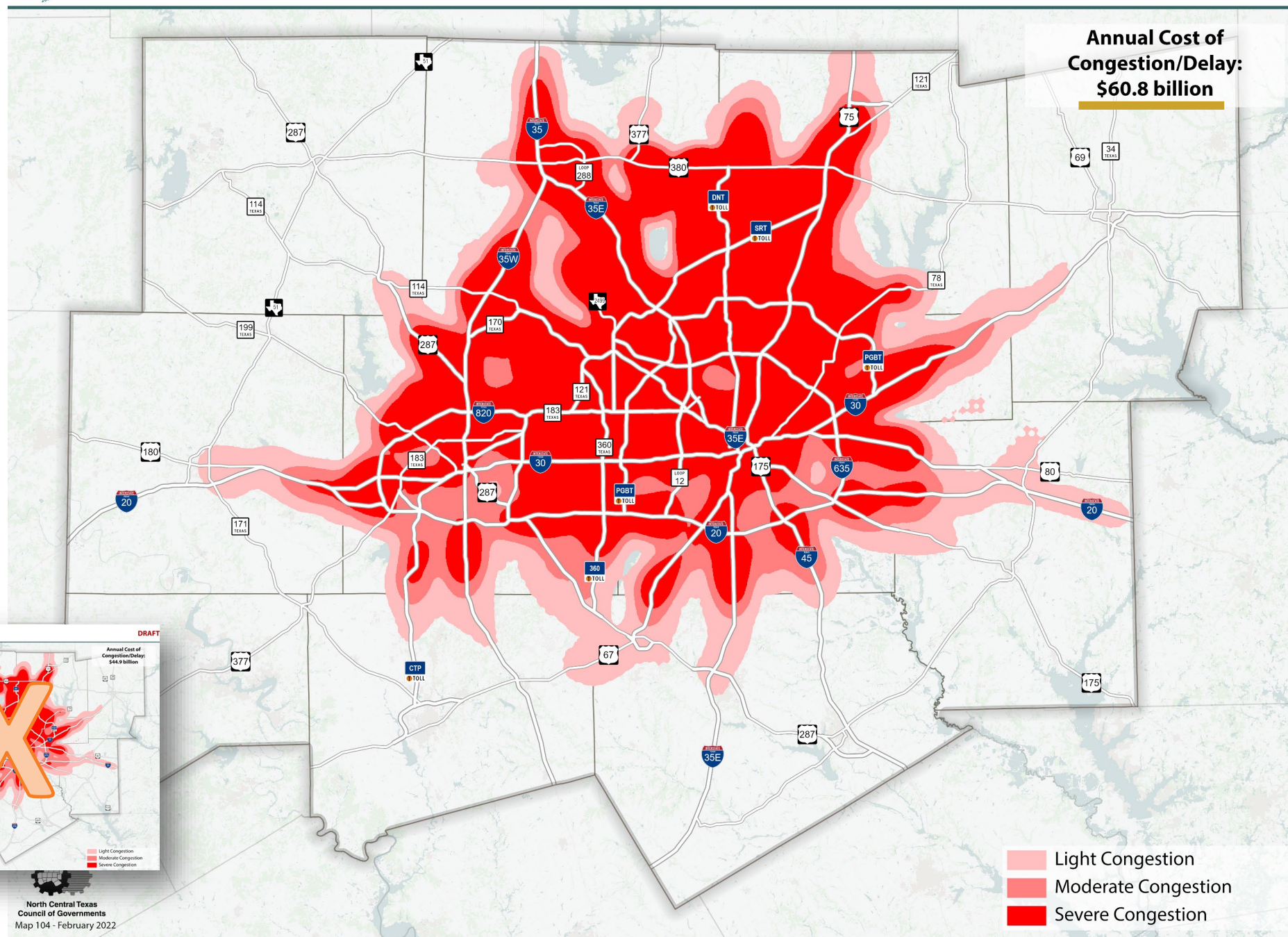


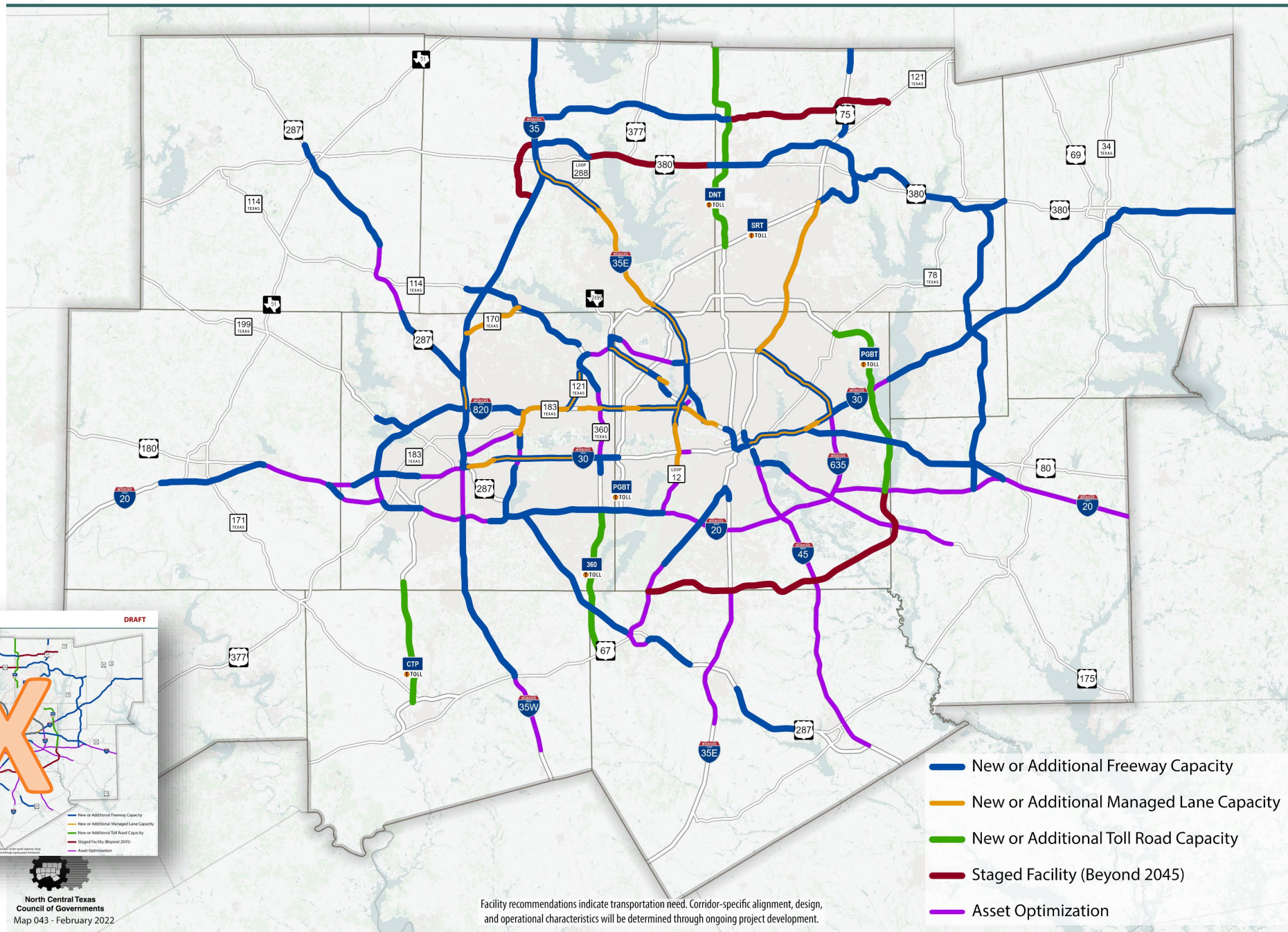
Internet and Broadband

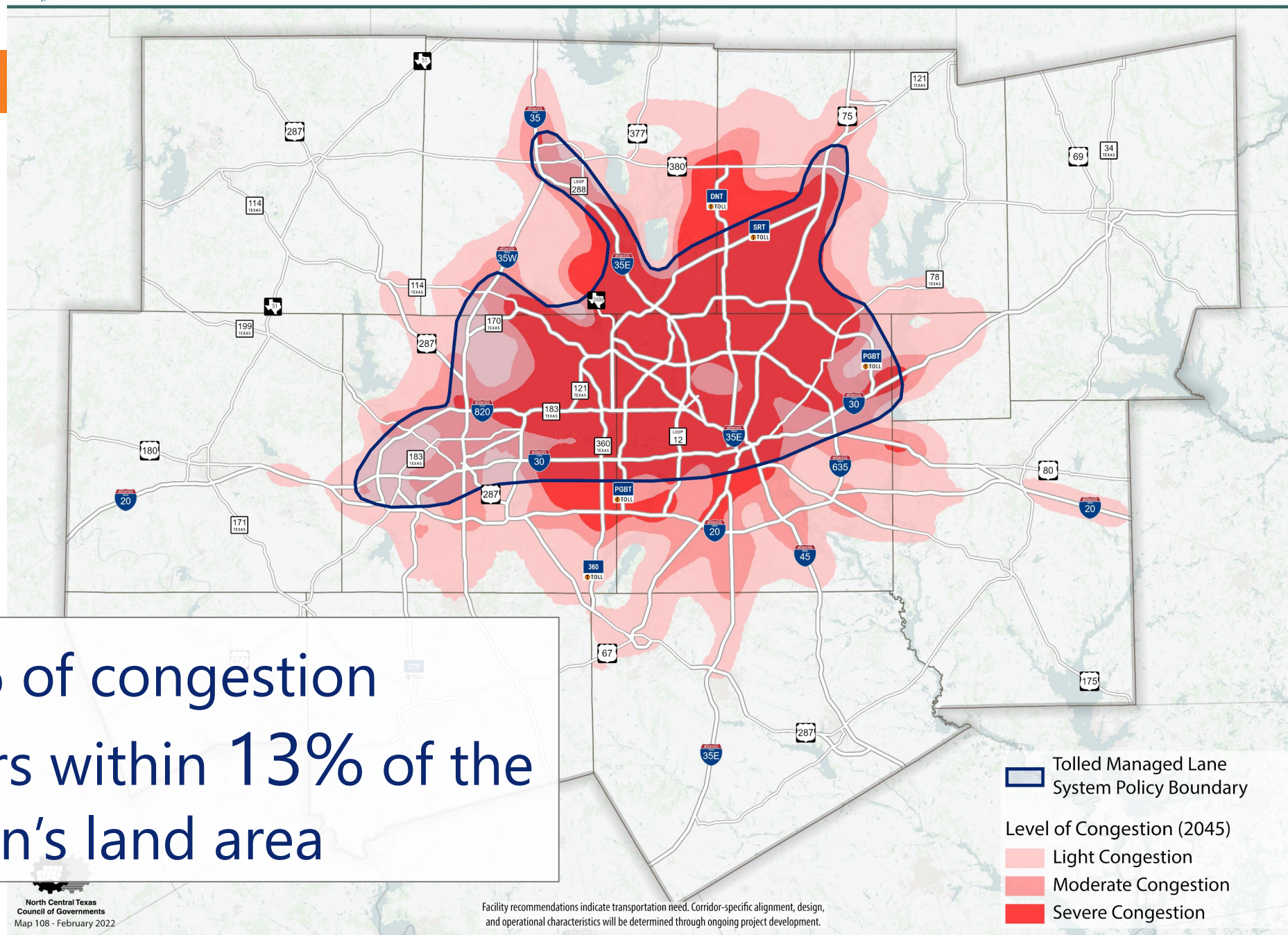
Incorporates a new topic of broadband internet through discussion of access, infrastructure, the intersection of communications and transportation, and potential uses









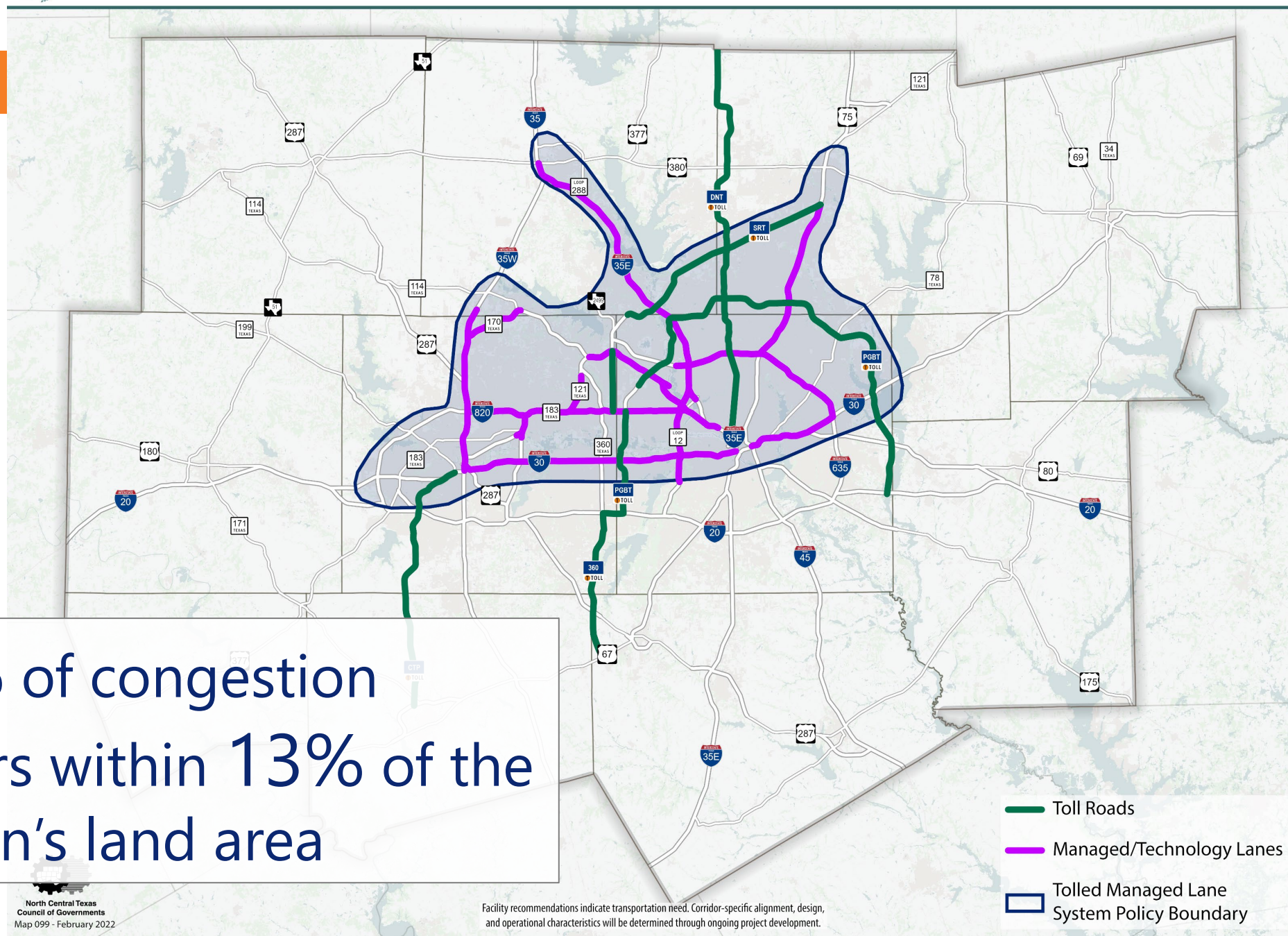


78% of congestion
occurs within 13% of the
region's land area

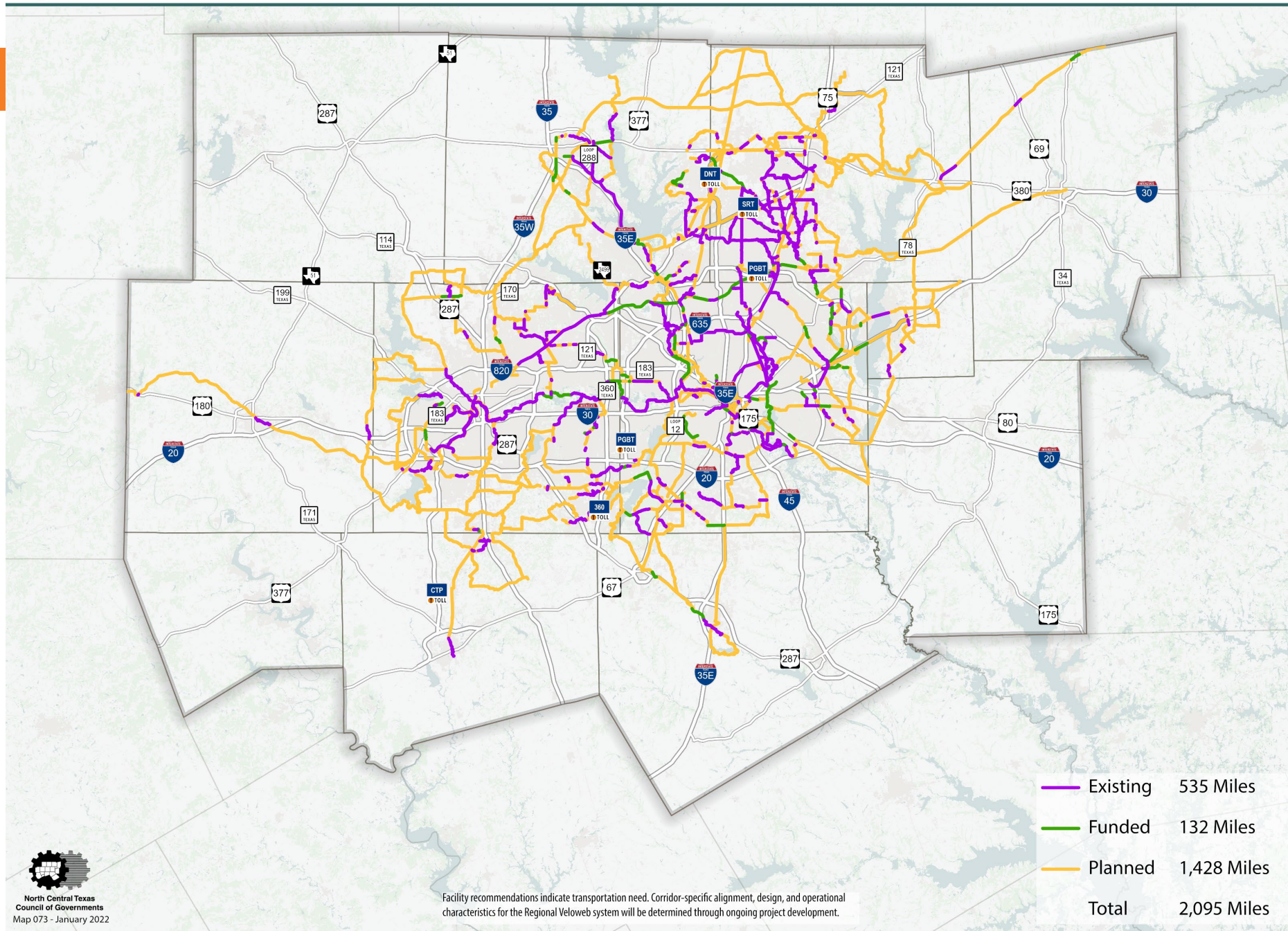
 Tolled Managed Lane
System Policy Boundary

Level of Congestion (2045)

-  Light Congestion
-  Moderate Congestion
-  Severe Congestion







MORE DRAFT MAPS AND RECOMMENDATIONS TABLES AVAILABLE ONLINE

www.nctcog.org/PlanInProgress



Major Roadway
Recommendations

Regionally-
Significant
Arterials

Priced Facilities

Transit Corridor
Recommendations

Roadway Project
Listing

Transit Project
Listing

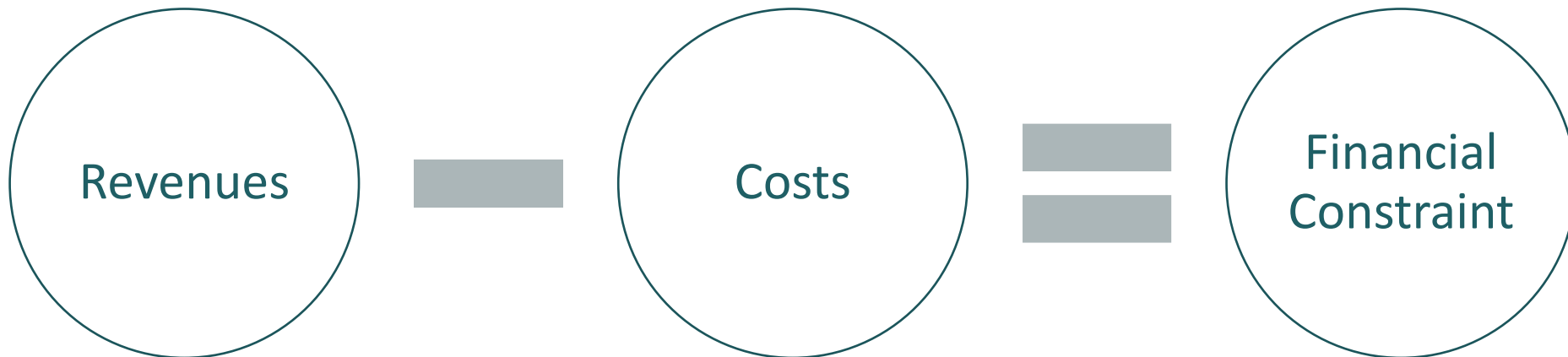
FINANCIAL PLAN REQUIREMENTS

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	30 B	15% ▼
	Management & Operations	9.5	10 B	0% ▲
	Growth, Development, & Land Use Strategies	3.2	1 B	60% ▼
STRATEGIC INFRASTRUCTURE INVESTMENT	Rail & Bus	33.3	40 B	25% ▲
	HOV/Managed Lanes + Freeways/Tollways and Arterials	53.6	60-70 B	25% ▲
Total, Actual \$, Billions		136.4 Billion	140-150 Billion	10% ▲

~145 Billion

REVENUE SOURCES

Baseline Revenue

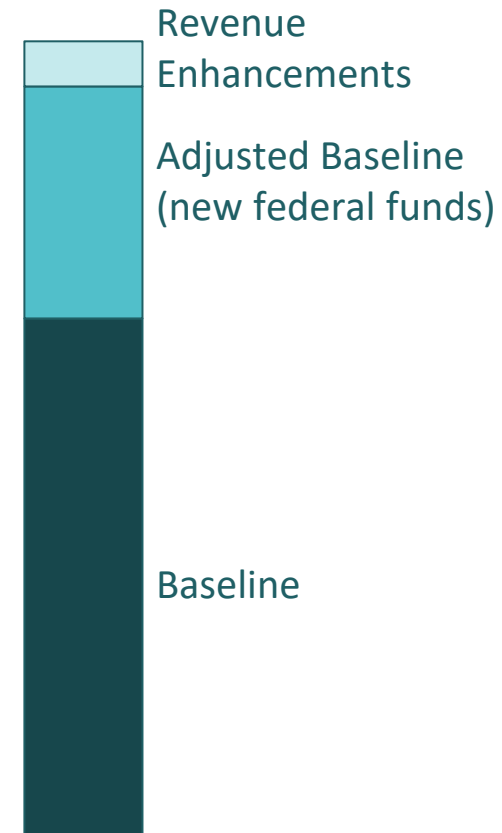
- Funds flowing through State Highway Fund and TxDOT UTP (Categories 1-12)
- System revenue
- Transit revenue (sales tax, federal, local, etc.)
- Local funds/local match

Adjusted Baseline

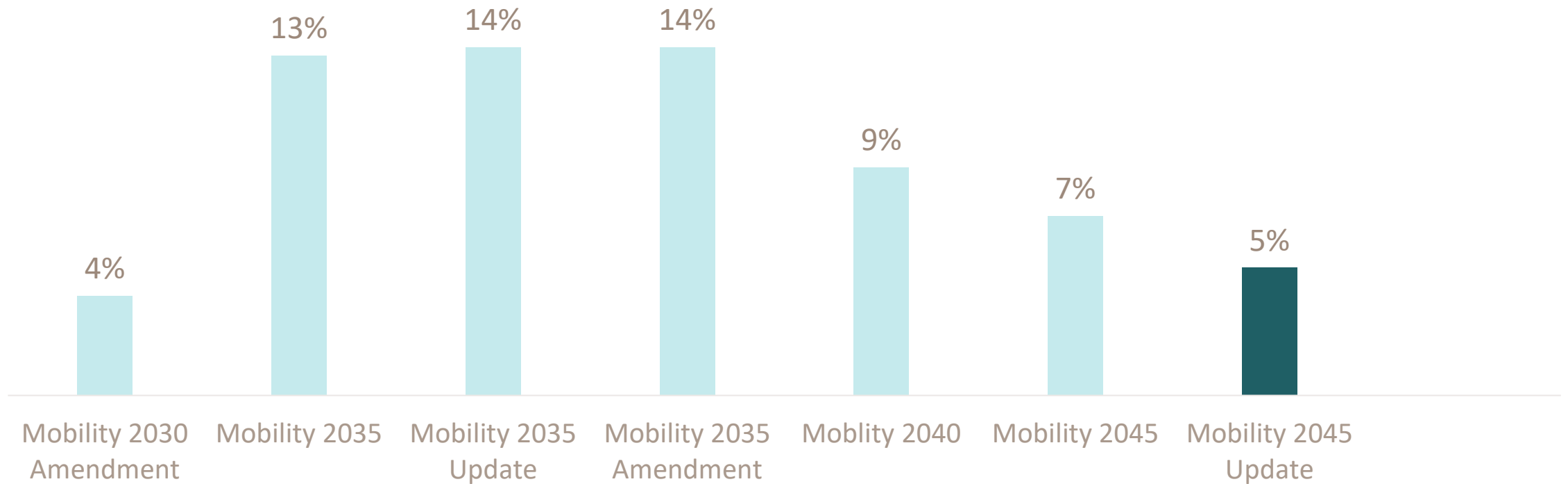
- New state and federal funds expected to start flowing through State Highway Fund
- New federal funds for transit
- Private and local funds for transit

Revenue Enhancements

- Reasonably anticipated future revenue, equivalent of increases in gas tax and vehicle registration fees
- Local option vehicle registration fees



REVENUE ENHANCEMENTS IN PREVIOUS MOBILITY PLANS



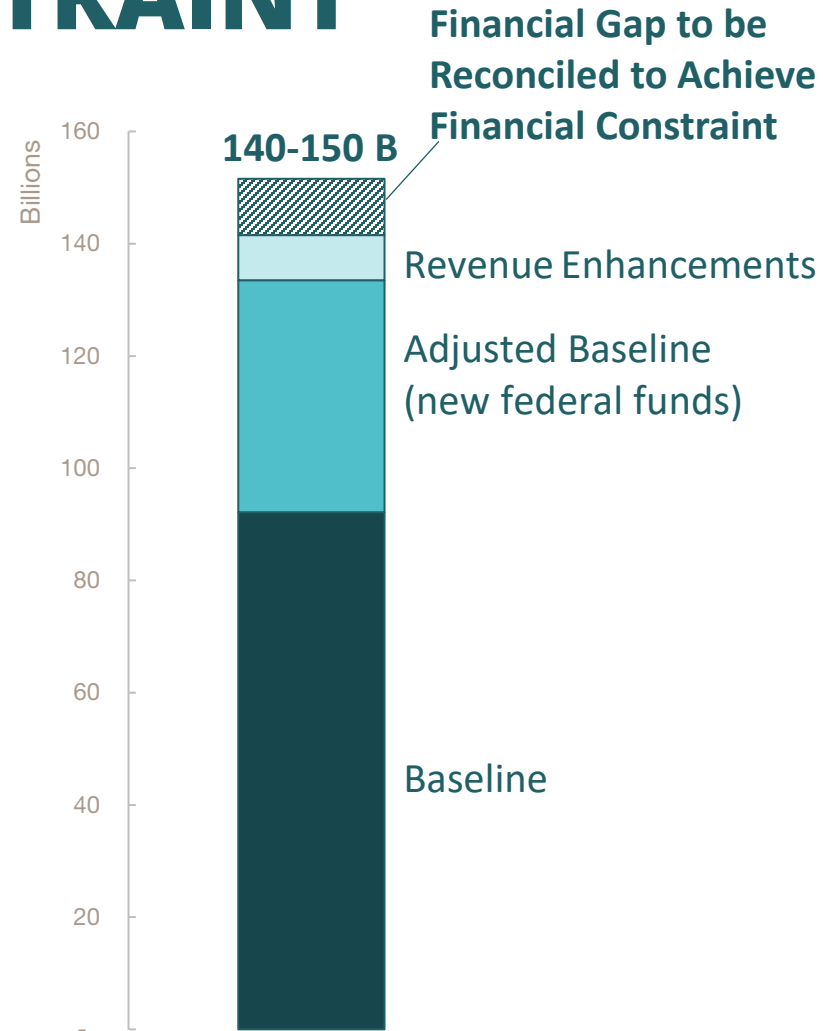
FINANCIAL CONSTRAINT

IN PROGRESS

Financial constraint expected

~~Forecast stage: developing/refining costs and revenues~~

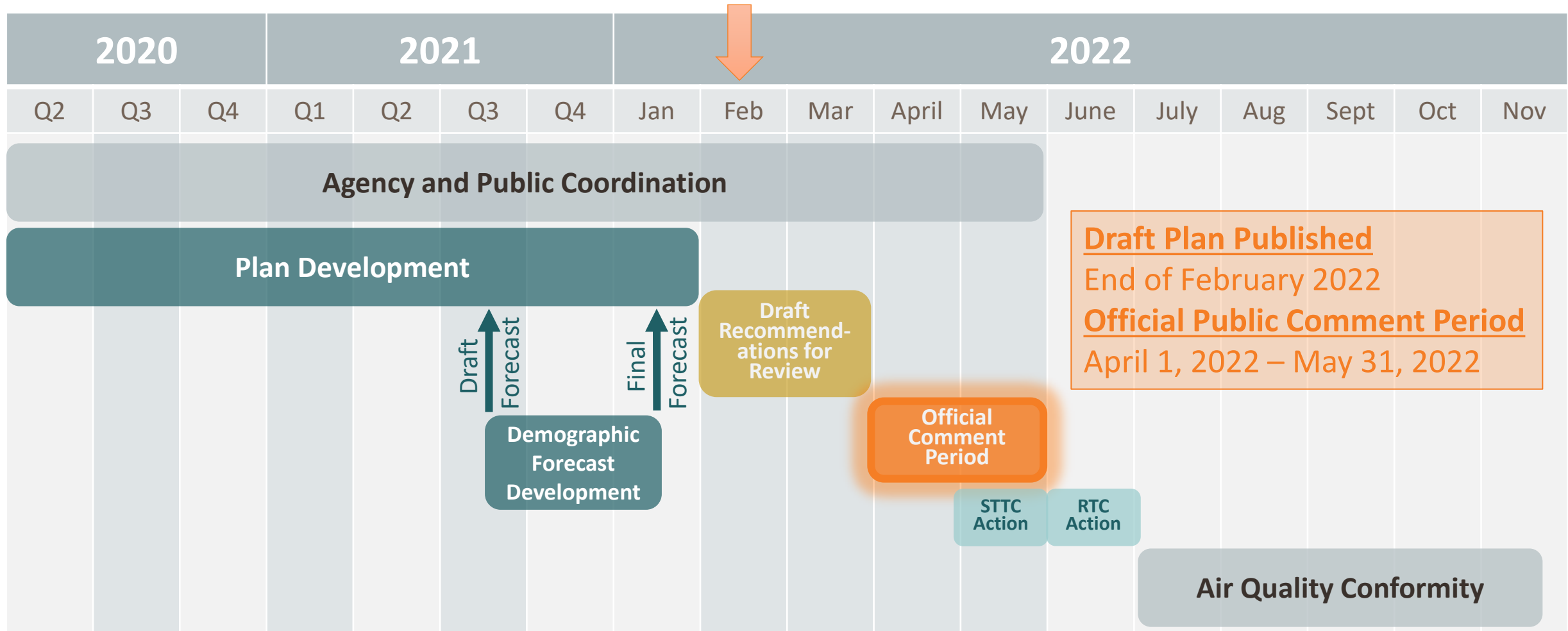
Final stage: confirming final costs and revenues



TIMELINE

DATE	ACTIVITY
April – December 2021	RTC & STTC – Mobility Plan Update Schedule, Project Selection, and Demographic Assumptions
January 2022	RTC – Mobility Plan Update Progress
January 2022	STTC – Mobility Plan Update Progress
February 2022	RTC – Mobility Plan Update Progress
February 2022	STTC – Action Requested: Recommend RTC Direct Staff to Enter Public Comment Period
March 2022	RTC – Action Requested: Direct Staff to Enter Public Comment Period
March 2022	STTC – Mobility Plan Update Progress
April 2022	Official Public Comment Period
April 2022	RTC – Mobility Plan Update Progress
April 2022	STTC – Mobility Plan and Air Quality Conformity
May 2022	RTC – Mobility Plan and Air Quality Conformity
May 2022	STTC – Action Requested: Recommend RTC Adopt Mobility 2045 - 2022 Update
June 2022	RTC – Action Requested: Adopt Mobility 2045 - 2022 Update

MOBILITY PLAN SCHEDULE



Notes:

- Public meetings held during highlighted months.
- Regional Transportation Council action on Mobility 2045 Update scheduled for June 9, 2022.



ACTION

Recommend that RTC direct staff to take the MTP draft recommendations, air quality conformity, and environmental justice analysis to public meetings

CONTACT US



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