

# 2022 Transportation Conformity

Mobility 2045: The Metropolitan Transportation Plan for North Central Texas - 2022 Update  
2023-2026 Transportation Improvement Program for North Central Texas



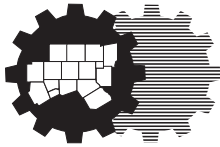
North Central Texas  
Council of Governments

## What is NCTCOG?

The **North Central Texas Council of Governments** (NCTCOG) is a voluntary association of, by, and for **local governments** within the 16-county North Central Texas Region. The agency was established by state enabling legislation in 1966 to assist local governments in **planning** for common needs, **cooperating** for mutual benefit, and **coordinating** for sound regional development. Its purpose is to strengthen both the individual and collective power of local governments, and to help them recognize regional opportunities, resolve regional problems, eliminate unnecessary duplication, and make joint regional decisions – as well as to develop the means to implement those decisions.

North Central Texas is a 16-county **metropolitan region** centered around Dallas and Fort Worth. The region has a population of more than 7 million (which is larger than 38 states), and an area of approximately 12,800 square miles (which is larger than nine states). NCTCOG has 229 member governments, including all 16 counties, 167 cities, 19 independent school districts, and 27 special districts.

NCTCOG's **structure** is relatively simple. An elected or appointed public official from each member government makes up the **General Assembly** which annually elects NCTCOG's **Executive Board**. The Executive Board is composed of 17 locally elected officials and one ex-officio non-voting member of the legislature. The Executive Board is the policy-making body for all activities undertaken by NCTCOG, including program activities and decisions, regional plans, and fiscal and budgetary policies. The Board is supported by policy development, technical advisory and study **committees** – and a professional staff led by **R. Michael Eastland**, Executive Director.



NCTCOG's offices are located in Arlington in the Centerpoint Two Building at 616 Six Flags Drive (approximately one-half mile south of the main entrance to Six Flags Over Texas).

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### **NCTCOG's Department of Transportation**

Since 1974 NCTCOG has served as the Metropolitan Planning Organization (MPO) for transportation for the Dallas-Fort Worth area. NCTCOG's Department of Transportation is responsible for the regional planning process for all modes of transportation. The department provides technical support and staff assistance to the Regional Transportation Council and its technical committees, which compose the MPO policy-making structure. In addition, the department provides technical assistance to the local governments of North Central Texas in planning, coordinating, and implementing transportation decisions.

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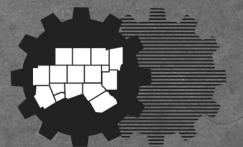
Prepared in cooperation with the Federal Highway Administration, US Department of Transportation, and the Texas Department of Transportation.

*The contents of this report reflect the views of the authors who are responsible for the opinions, findings, and conclusions presented herein. The contents do not necessarily reflect the views or policies of the Federal Highway Administration, the Federal Transit Administration, or the Texas Department of Transportation.*



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2023-2026 Transportation Improvement Program for North Central Texas



North Central Texas  
Council of Governments

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Fort Worth District  
Environmental Affairs Division  
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## ABSTRACT

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**SUBJECT:** Transportation Conformity Determination for the North Central Texas Nonattainment Area, Including Mobility 2045: The Metropolitan Transportation Plan for North Central Texas – 2022 Update and the 2023-2026 Transportation Improvement Program for North Central Texas

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**ABSTRACT:** This report documents the conformity determination of the Dallas-Fort Worth 10-county nonattainment area. As required under Section 176(c)(4) of the Clean Air Act Amendments of 1990, Metropolitan Planning Organizations and the US Department of Transportation are to make conformity determinations on transportation plans and transportation improvement programs before they are adopted, approved, or accepted in air quality nonattainment areas. This report documents the conformity determination of the Mobility 2045 – 2022 Update and 2023-2026 Transportation Improvement Program by demonstrating both plans meet the conformity-related requirements of the Clean Air Act (United States Code, Title 42 §7504, §7506 (c) and (d)), State Implementation Plan, and the final conformity rule (Title 40 Code of Federal Regulations, Parts 51 and 93).

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## GLOSSARY OF ABBREVIATIONS

AQ	Air Quality	NHB	Non-Home-Based
AD	Attainment Demonstration	NO <sub>x</sub>	Nitrogen Oxides
APU	Auxiliary Power Unit	OBD	On-Board Diagnostic Systems
ASM	Acceleration Simulation Mode	ONI	Off-Network Idle
ASWT	Average School Season Weekday Traffic	ppb	Parts per Billion
ATR	Automatic Traffic Recorder	ppm	Parts per Million
CAA	Clean Air Act	PM	Particulate Matter
CAAA	Clean Air Act Amendments of 1990	RFG	Reformulated Gasoline
CFR	Code of Federal Regulations	RFP	Reasonable Further Progress
CMAQ	Congestion Mitigation and Air Quality Improvement Program	RPM	Revolutions per Minute
CO	Carbon Monoxide	ROP	Rate of Progress
DART	Dallas Area Rapid Transit	RTC	Regional Transportation Council
DCTA	Denton County Transit Authority	RVP	Reid Vapor Pressure
DFW	Dallas-Fort Worth	SAFETEA-LU	Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users
TAFT	Dallas-Fort Worth Travel Model for the Expanded Area	SHEI	Source Hours Extended Idling (for diesel combination long-haul trucks hotelling only)
EPA	Environmental Protection Agency	SHI	Source Hours Idling (excluding diesel combination long-haul trucks hotelling)
FAST ACT	Fixing America's Surface Transportation Act	SHP	Source Hours Parked
FHWA	Federal Highway Administration	SHO	Source Hours Operating
FR	Federal Register	SIP	State Implementation Plan
FTA	Federal Transit Administration	STTC	Surface Transportation Technical Committee
FWTA	Fort Worth Transportation Authority	SUT	Source Use Type
GIS DK	Geographic Information System Developer Kit	TCM	Transportation Control Measure
HBW	Home-Based Work	TCEQ	Texas Commission on Environmental Quality
HNW	Home-Based Non-Work	TERMS	Transportation Emission Reduction Measures
HDV	Heavy-Duty Vehicle	TIP	Transportation Improvement Program
HOV	High-Occupancy Vehicle	TNRCC	Texas Natural Resource Conservation Commission
HPMS	Highway Performance Monitoring System	tpd	Tons per Day
I/M	Inspection and Maintenance Program	TRE	Trinity Railway Express
IOP	Increment of Progress	TSZ	Traffic Survey Zone
ITS	Intelligent Transportation System	TTI	Texas A&M Transportation Institute
lbs/d	Pounds per Day	TxDMV	Texas Department of Motor Vehicles
LED	Low Emission Diesel	TxLED	Texas Low Emissions Diesel
MAP-21	Moving Ahead for Progress in the 21 <sup>st</sup> Century	TxDOT	Texas Department of Transportation
MITS	Mobility Impaired Transportation Service	USC	United States Code
MoSERS	Mobile Source Emissions Reduction Strategies	USDOT	United States Department of Transportation
Mobility 2045 – 2022 Update	Mobility 2045: The Metropolitan Transportation Plan for North Central Texas – 2022 Update	VDF	Volume Delay Function
	Motor Vehicle Emissions Simulator	VHT	Vehicle Hours of Travel
MOVES	Metropolitan Planning Area	VMEP	Voluntary Mobile Emissions Reduction Program
MPA	Metropolitan Planning Organization	VMT	Vehicle Miles of Travel
MPO	Metropolitan Transportation Plan	VOC	Volatile Organic Compounds
MTP	Motor Vehicle Emissions Budgets		
MVEB	National Ambient Air Quality Standards		
NAAQS	North Central Texas		
NCT	North Central Texas Council of Governments		
NCTCOG			

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