

2022 Transportation Conformity

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



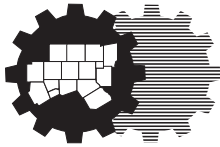
North Central Texas
Council of Governments

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).

North Central Texas Council of Governments

P. O. Box 5888

Arlington, Texas 76005-5888

(817) 640-3300

FAX: (817) 640-7806

Internet: <http://www.nctcog.org>

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.

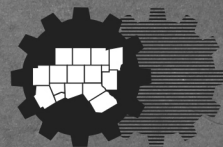
Prepared in cooperation with the Federal Highway Administration, US Department of Transportation, and the Texas Department of Transportation.

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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Tanya Brooks, Chair
Assistant Director, Traffic Management Division
Transportation and Public Works
City of Fort Worth

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Environmental Affairs Division
Planning Division

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ABSTRACT

TITLE: Transportation Conformity

DATE: June 2022

AUTHORS: Christopher Klaus
Senior Program Manager

Jenny Narvaez
Program Manager

Nick Van Haasen
Air Quality Planner

Vivek Thimmavajjhala
Transportation System Modeler

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North Central Texas Council of Governments
PO Box 5888
Arlington, Texas 76005-5888
(817) 695-9240

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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 _x	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
CMAAQ	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	SHI	Source Hours Idling
EPA	Environmental Protection Agency	SHP	Source Hours Parked
FAST ACT	Fixing America's Surface Transportation Act	SHO	Source Hours Operating
FHWA	Federal Highway Administration	SIP	State Implementation Plan
FR	Federal Register	STTC	Surface Transportation Technical Committee
FTA	Federal Transit Administration	SUT	Source Use Type
FWTA	Fort Worth Transportation Authority	TCM	Transportation Control Measure
GIS DK	Geographic Information System Developer Kit	TCEQ	Texas Commission on Environmental Quality
HBW	Home-Based Work	TERMS	Transportation Emission Reduction Measures
HNW	Home-Based Non-Work	TIP	Transportation Improvement Program
HDV	Heavy-Duty Vehicle	TNRCC	Texas Natural Resource Conservation Commission
HOV	High-Occupancy Vehicle	tpd	Tons per Day
HPMS	Highway Performance Monitoring System	TRE	Trinity Railway Express
I/M	Inspection and Maintenance Program	TSZ	Traffic Survey Zone
IOP	Increment of Progress	TTI	Texas A&M Transportation Institute
ITS	Intelligent Transportation System	TxDMV	Texas Department of Motor Vehicles
lbs/d	Pounds per Day	TxLED	Texas Low Emissions Diesel
LED	Low Emission Diesel	TxDOT	Texas Department of Transportation
MAP-21	Moving Ahead for Progress in the 21 st Century	USC	United States Code
MITS	Mobility Impaired Transportation Service	USDOT	United States Department of Transportation
MoSERS	Mobile Source Emissions Reduction Strategies	VDF	Volume Delay Function
Mobility 2040	Mobility 2040: The Metropolitan Transportation Plan for North Central Texas	VHT	Vehicle Hours of Travel
MOVES	Motor Vehicle Emissions Simulator	VMEP	Voluntary Mobile Emissions Reduction Program
MPA	Metropolitan Planning Area	VMT	Vehicle Miles of Travel
MPO	Metropolitan Planning Organization	VOC	Volatile Organic Compounds
MTP	Metropolitan Transportation Plan		
MVEB	Motor Vehicle Emissions Budgets		
NAAQS	National Ambient Air Quality Standards		
NCT	North Central Texas		
NCTCOG	North Central Texas Council of Governments		

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