

AGENDA

REGIONAL TRANSPORTATION COUNCIL MEMBER ORIENTATION

**October 9, 2025
10:30 am – 12:30 pm**

10:30 – 10:45 A. Regional Transportation Council Policy Foundation

Federal Rules and Regulations	Committee Structure
Public Grass Roots Support	Technical Foundation

The North Central Transportation Council of Governments (NCTCOG) Regional Transportation Council (RTC) is the Metropolitan Planning Organization (MPO) for the 12-county Dallas-Fort Worth (DFW) region. Congress created metropolitan planning organizations to streamline transportation planning and project delivery. By placing a focus on urban areas, Congress felt that greater, more sensitive design and modal elements for urban applications, greater public consensus on project development, and opportunities for metropolitan regions to drive the national gross domestic product are key to a successful metropolitan transportation system.

Michael Morris, Director of Transportation - (817) 695-9241
Arash Mirzaei, Senior Program Manager - (817) 695-9261
Rebekah Gongora, Program Manager - (682) 433-0477

10:45 – 11:10 B. Coordinated Integration of Planning for Transportation Systems

Transportation Planning	Transportation Technology
Transit Planning and Operations	Land-Use and Mobility Options

Transportation planning activities include developing the region's long-range transportation plan, performing corridor and subarea studies, and assisting local governments with transportation planning needs. Transit Management staff coordinates with transit providers in the region to plan, develop and implement projects that create seamless, efficient, and accessible public transportation services. Transportation technology activities include preparing the region for increasingly automated vehicles, encouraging multi-occupant shared mobility and developing the next generation transportation data infrastructure. Sustainable Development looks at the connection between land use, transportation, and development. Programs include bicycle and pedestrian planning, economic development, housing, transit-oriented development, community schools and transportation planning, green infrastructure, and urban design which all play a part in livable communities. Regional freight planning efforts assess the impact of truck traffic, rail freight, and other freight movement issues within and through the DFW region, including the collection and analysis of data pertaining to freight mobility and safety.

Dan Lamers, Senior Program Manager - (817) 695-9263
Brendon Wheeler, Senior Program Manager - (682) 433-0478

Karla Windsor, Senior Program Manager - (817) 608-2376
Jeff Hathcock, Program Manager - (817) 608-2354
Millie Hayes, Transportation Senior Projects Manager - (817) 695-9123

11:10 – 11:40 C. Comprehensive Project and Program Delivery: Product of Planning

Air Quality Management	Alternative Fuels and Energy Programs
Transportation Projects	Congestion Management and System
and Program Selection Funding	Operations
Streamlined Project Delivery	Unmanned Aircraft Systems

North Central Texas does not meet federal air quality standards and consequently, federal and State procedures are required in order for projects identified in the transportation plan to proceed for implementation. In response, a variety of air quality activities occur to ensure these requirements are met. As the failure to meet federal air quality standards is heavily impacted by exhaust emissions from the transportation sector, a key priority is to shift away from conventional fuels to alternative, low-emitting transportation fuels. This includes support for vehicle transitions, infrastructure development, community readiness for alternative fuels (e.g. workforce development and first responder training), and integration of transportation fuels with the broader energy system (especially related to electrification). Project programming includes the selection, funding, tracking, and implementation of projects. It also includes project assistance in the early stages of development. Congestion Management and Systems Operations uses a strategic approach to identify transportation deficiencies and implements low-cost improvements compatible with adjacent land uses. This includes operational and travel demand reduction improvements, safety, security, managed lanes, and aviation. Project Delivery expedites project implementation, accelerating permits, reviews and approvals.

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Lori Clark, Senior Program Manager - (817) 695-9232
Christie Gotti, Senior Program Manager - (817) 608-2338
Natalie Bettger, Senior Program Manager - (817) 695-9280
Jeff Neal, Transportation Senior Projects Manager - (817) 608-2345
Ernest Huffman, Program Manager - (817) 704-5612

11:40 – 12:00 D. Agency Accountability, Fiscal Discipline and Funding Innovation

Unified Planning Work Program	Legal Services/Risk Management
Fiscal Management	Department of Defense Assistance

The Work Program is the instrument for coordinating metropolitan transportation and air quality planning activities in North Central Texas. It describes planning efforts in the North Central Texas region over a two-year period. The Fiscal Management program area provides support to transportation project managers for grant and contract coordination needs, related to financial tracking and reporting, and documentation of compliance activities. Fiscal Management includes coordination with external funding partners and internal accounting processes. Legal staff develops agreements and procurement materials for legal sufficiency and compliance with federal

and State requirements. Innovative funding protocols are secured. Required risk assessment processes are also performed. Department of Defense assistance is performed through compatible use planning with local governments near Naval Air Station Joint Reserve Base, administrative support to the Regional Coordination Committee, and the defense agile curriculum program.

Dan Kessler, Assistant Director of Transportation - (817) 695-9248

Ken Kirkpatrick, General Counsel - (817) 695-9278

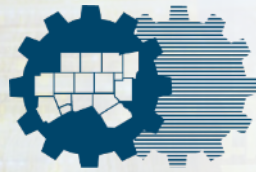
Amanda Wilson, Senior Program Manager - (817) 695-9284

Dawn Dalrymple, Senior Program Manager - (817) 608-2319

Vickie Alexander, Program Manager - (817) 695-9242

Emily Beckham, Program Manager - (817) 608-2308

12:00 – 12:30 E. Questions/Closing RemarksRTC Members/Michael Morris



Regional Transportation Council Member Orientation

10.09.2025 | NORTH CENTRAL TEXAS COUNCIL OF GOVERNMENTS

Agenda

- A. Policy Foundation
- B. Planning for Transportation System
- C. Project and Program Delivery
- D. Accountability, Fiscal Discipline and
Funding Innovation
- E. Dialogue/Questions/Observations





A. POLICY FOUNDATION

POLICY FOUNDATION

Federal Rules and Regulations

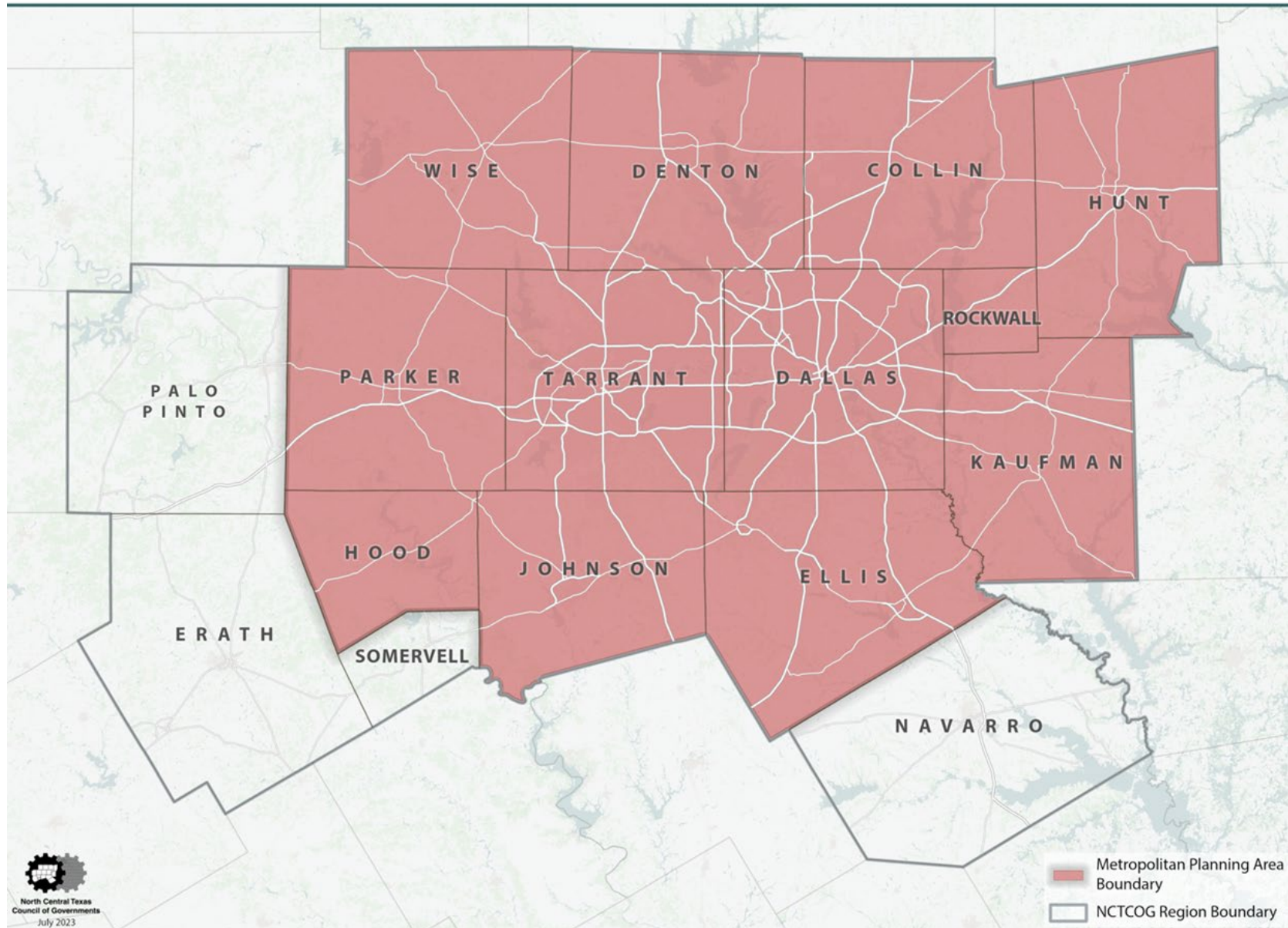
Committee Structure

Public Grass Roots Support

Technical Foundation: Data and Model Simulations



Metropolitan Planning Area



RTC BYLAWS

MEMBERSHIPS

Cities	28	(1 Seat = 256,473 persons)
Counties	10	Semi-weighted Voting
Transportation Organizations	7	All Voting (3 Transportation Authorities, 2 TxDOT Districts, NTTA, and DFW Airport)
TOTAL	45	

East/West Funding Split
Technical Committees
Regular Bylaw Updates



NCTCOG TRANSPORTATION DEPARTMENT

Regional Transportation Council: Transportation Actions

Transportation Outcomes: Projects, Programs and Systems

Financial Equity

Approving “Projects and Programs”

Executive Board: Efficiency

Fiduciary Agent of the Regional Transportation Council

“Comprehensive Policy Development”



EXECUTIVE BOARD/RTC OVERLAP

Member	Executive Board	RTC
Carlos Flores	✓	✓
T.J. Gilmore	✓	✓
Clay Lewis Jenkins	✓	✓
Cara Mendelsohn	✓	✓
Bobbie Mitchell	✓	Alternate



IMPORTANT DELIVERABLES

AGENDA	PRODUCTS
A. RTC Policy Foundation	RTC Bylaws: Federal Process Public Involvement Procedures Technical Software NCTCOG Strategic Plan
B. Planning	Metropolitan Transportation Plan: Mobility 2050
C. Project and Program Delivery	Transportation Improvement Program Air Quality Conformity Congestion Management Process
D. Fiscal Discipline	Unified Planning Work Program Risk Management Procedures



TECHNICAL FOUNDATIONS: ALL MODES

Safety

Toll road/Managed Lane

Benefit/Cost Analysis

Environmental Impact

Transit Plan

...

Freight Planning

Air Quality Conformity

Mobility Plan

Congestion

Alternative Analysis

Bike/Ped Plan

Decisions, Risks and Policy Impact

Forecast

Travel Model

Travel Surveys

Data

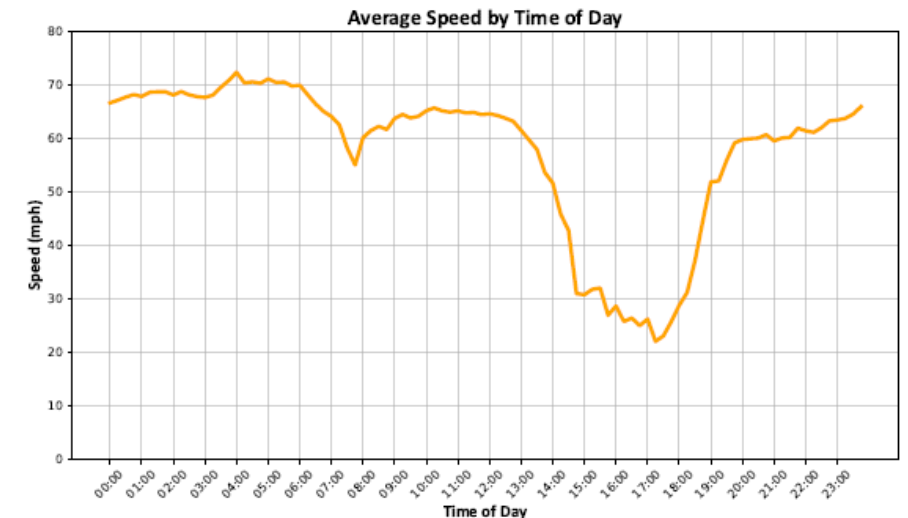
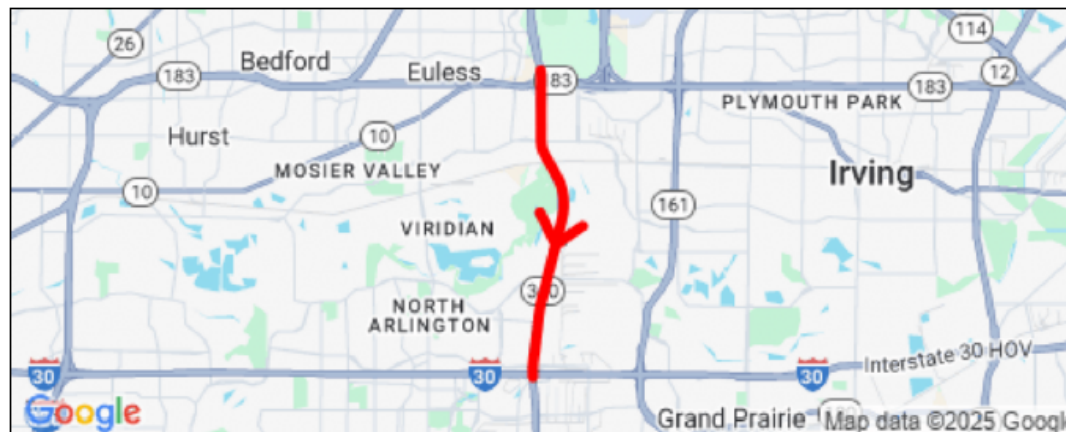
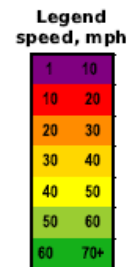
Land Use/Demographics



REGIONAL SPEED DATA

TX-360 SB

Speeds, mph, by time of day (15-minute interval) and day of October 2024

[illegible]

Source: National Performance Management Research Data Set (NPMRDS)

Regional Transportation Council Member Orientation



PUBLIC INVOLVEMENT BASICS

Guided by the Public Participation Plan: www.nctcog.org/trans/involve

Host public meetings and online input opportunities – moved to a virtual public engagement platform to facilitate hybrid meetings

Notices of input opportunities sent by mail, email, flyers to libraries, flyers to city/county offices

Public Participation Plan includes a Language Assistance Plan and focus on including all North Texans in the planning process



CONTACT US



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Toni Stehling

RTC Agenda

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The background image shows the interior of a bus, viewed from the front looking towards the back. It features yellow handrails and blue seats. The text is overlaid in the center.

B. PLANNING FOR TRANSPORTATION SYSTEM

THE METROPOLITAN TRANSPORTATION PLAN



Current *Conforming* MTP - Adopted by the Regional Transportation Council in June 2022



Current MTP – Adopted by the Regional Transportation Council in June 2025; Transportation Conformity determination expected by December 2025



WHAT IS THE METROPOLITAN TRANSPORTATION PLAN?



Represents a **blueprint** for the region's multimodal transportation system for all users



Covers at least a **20-year** timeframe



Responds to region's goals



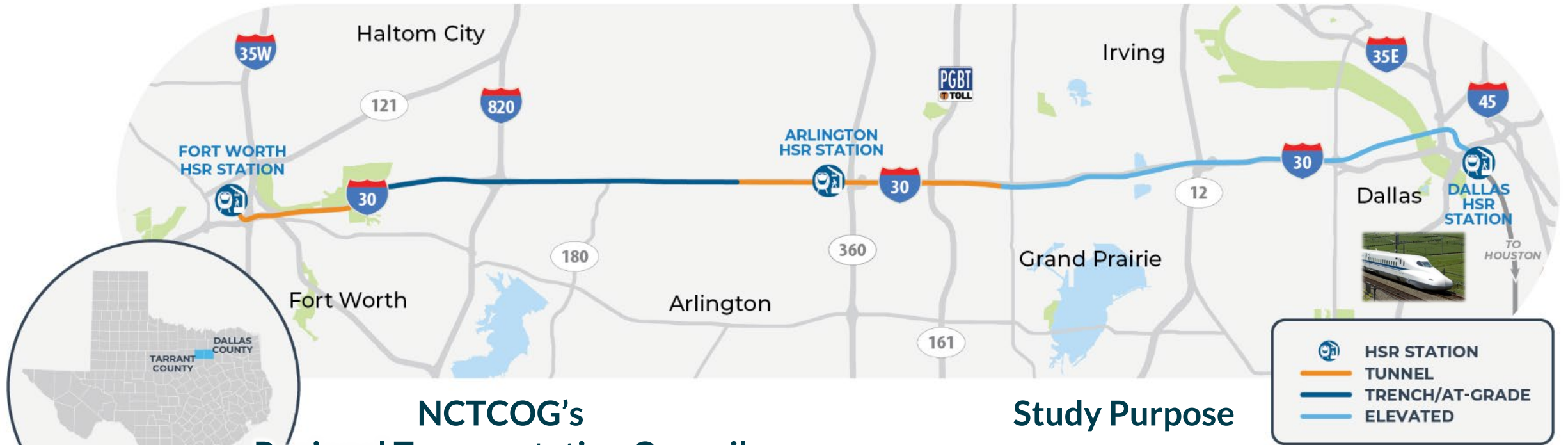
Identifies policies, programs, and projects for continued development, consistent with federal/state air quality goals



Guides the expenditure of federal and state funds, demonstrates **financial constraint**



DALLAS-FORT WORTH HIGH-SPEED RAIL



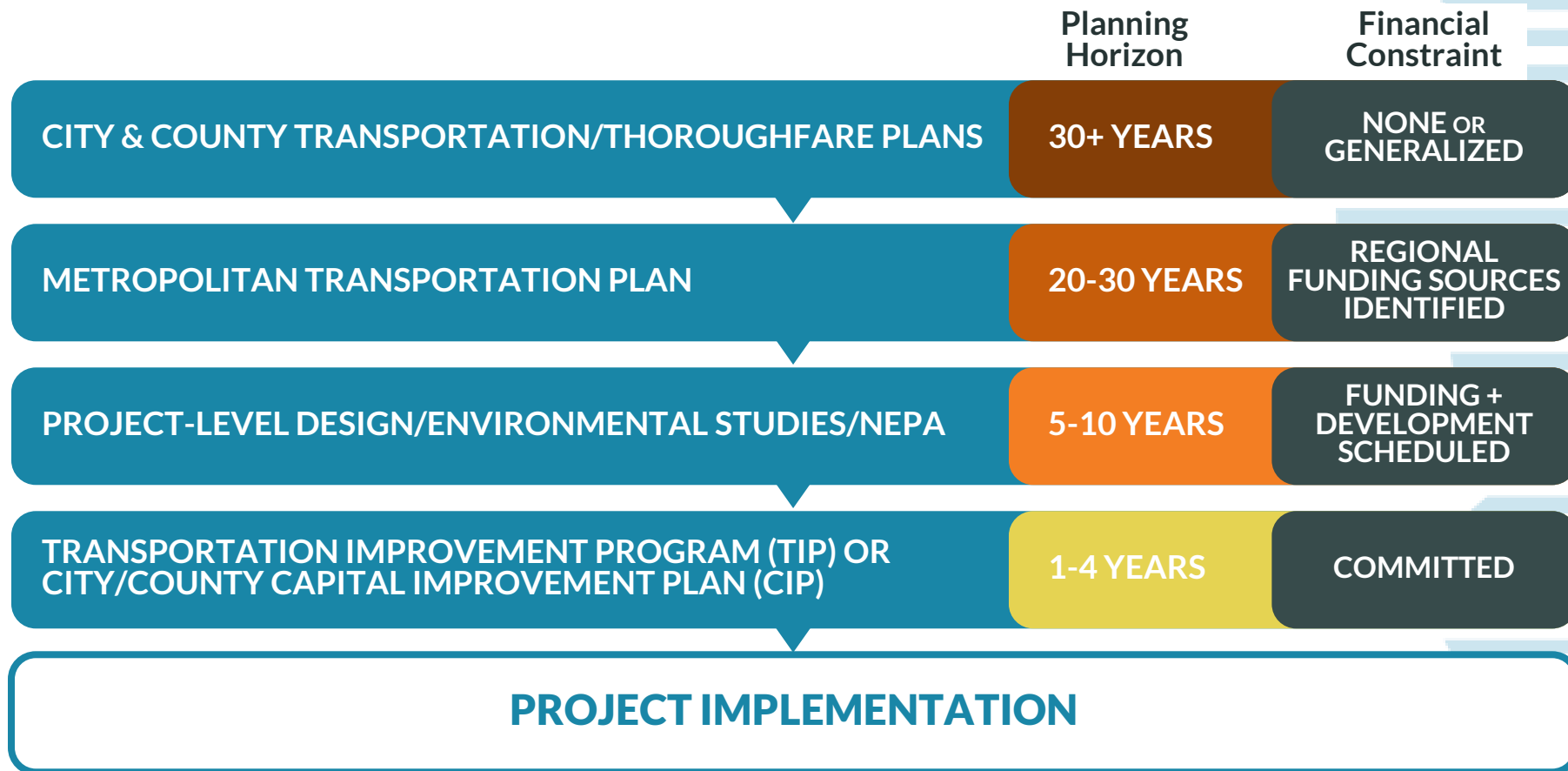
NCTCOG's Regional Transportation Council High-Speed Rail Policy

- ❖ One-Seat Ride
- ❖ Three Station Concept

Study Purpose

- ❖ **CONNECT** Dallas-Fort Worth to other proposed high-performance passenger systems in the state
- ❖ Obtain federal **ENVIRONMENTAL APPROVAL** of the viable alternative

PROJECT DEVELOPMENT AND IMPLEMENTATION PROCESS



STREAMLINED PROJECT DELIVERY

Purpose:

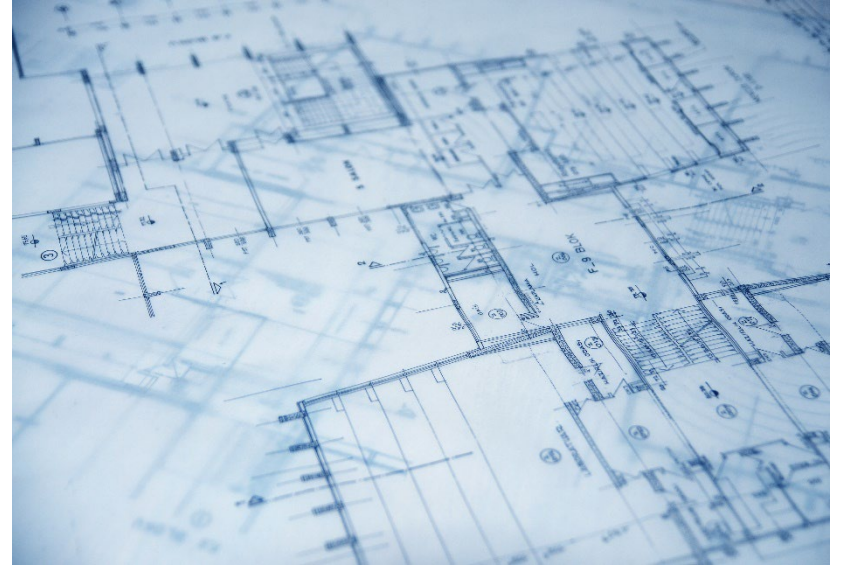
Provide vital products/services for internal/external partners to expedite NCTCOG's transportation initiatives, as well as ensure a comprehensive and performance-based planning process.

Coordination:

Collaborate with all public/agency stakeholders, including regular communication with state and federal resource agencies, to facilitate consistent incorporation of natural, social, and economic considerations in the project development process to meet federal and state requirements.

Benefits:

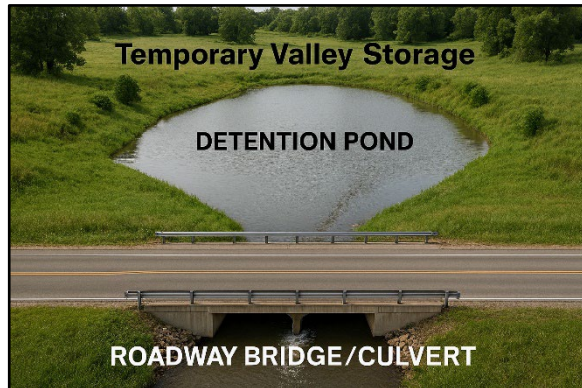
Reduced implementation time/cost, greater public/agency inclusiveness and early mitigation estimation.



INTEGRATING COMPREHENSIVE AND LIFECYCLE PLANNING

Based on asset management principles, perform comprehensive planning and collaborative stakeholder silo-busting to assess extreme weather vulnerabilities, enhance critical facilities, and improve delivery of consolidated, adaptive infrastructure **BEFORE** population growth, urbanized development distribution/intensity, and levels of service make addressing these issues more difficult and costly.

Increase Water Storage

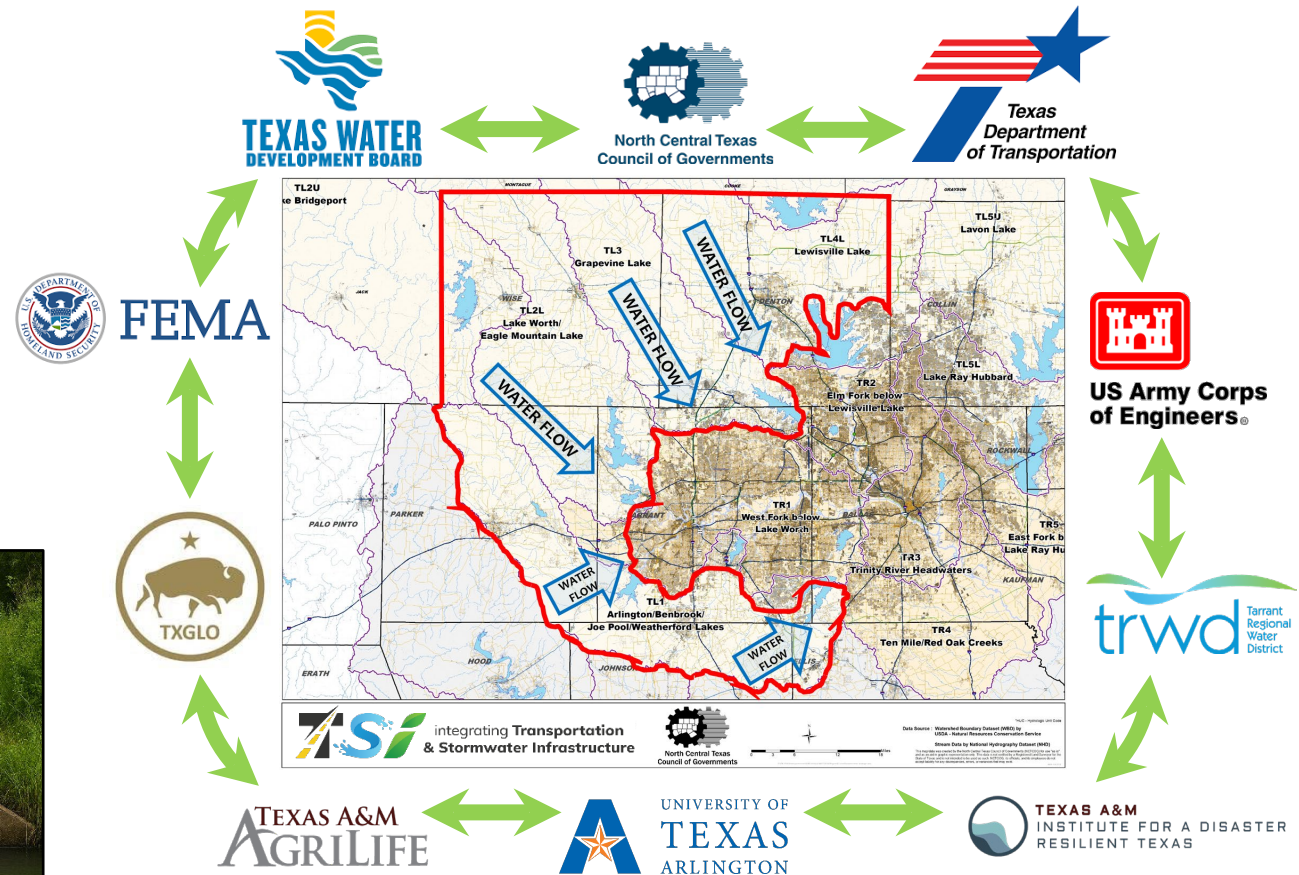


Reduce Water Flow



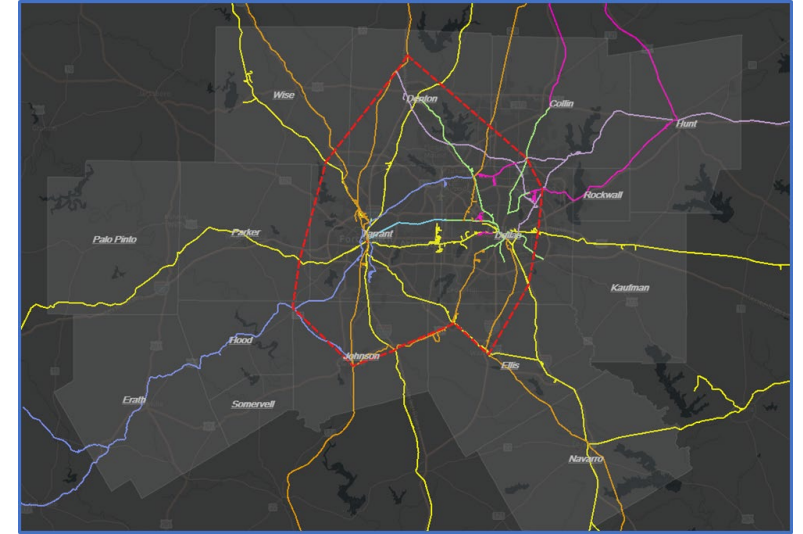
Alleviate Flood Risk

Regional Transportation Council Member Orientation



FREIGHT/GOODS MOVEMENT PLANNING

- Conducts freight-related planning studies (Rail Crossing Analysis, Freight Land-Use Study, Freight Bottleneck Study, etc.)
- Supports the Regional Freight Advisory Committee (RFAC)
- Manages the implementation of a railroad information system (Clear Path) to facilitate the efficient movement of freight and passenger rail operations within the region
- Coordinates rail-related safety and operational improvements between railroad operators and local governments

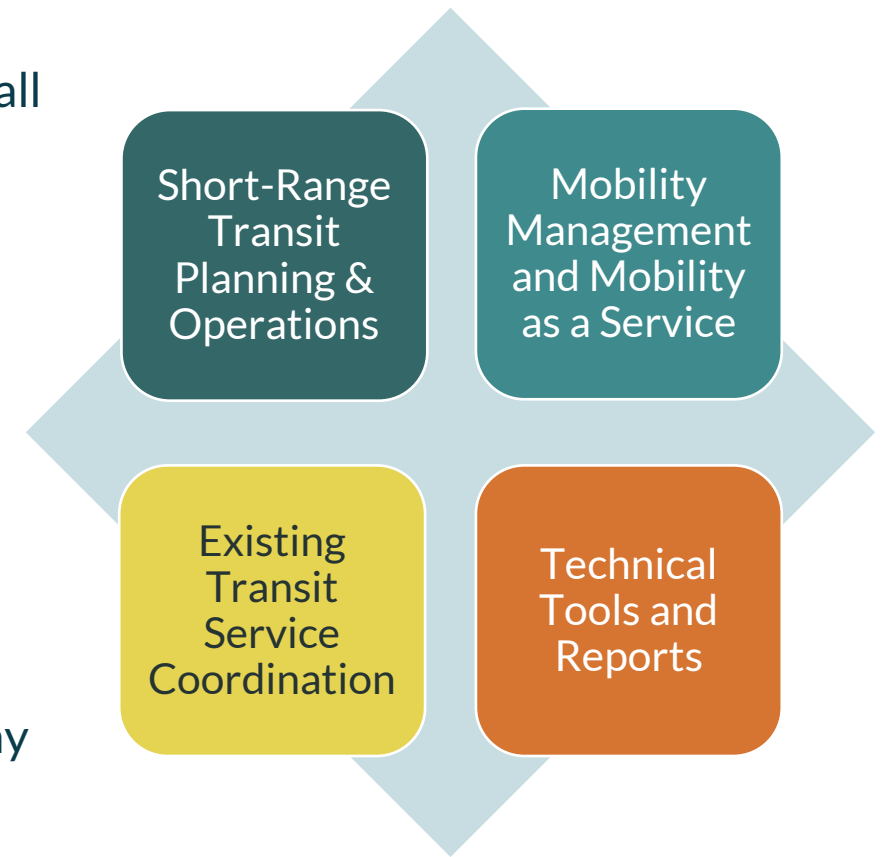


Source: Railinc



REGIONAL TRANSIT COORDINATION AND MOBILITY

- Enhance public transportation options in North Central Texas by coordinating services, leveraging funding and improving access for all transit users including individuals with lower incomes, individuals with disabilities, and older adults
- Plan and develop transit projects, provide various transit planning activities, and deliver technical assistance for transit providers and local governments
- Regional Mobility Managers Group (micro-transit focus)
- Technical Tools and Reports:
 - Access North Texas (2022 Plan) – 2026 Plan Update Underway
 - Get a Ride Guide [View the Get-A-Ride-Guide Here](#)



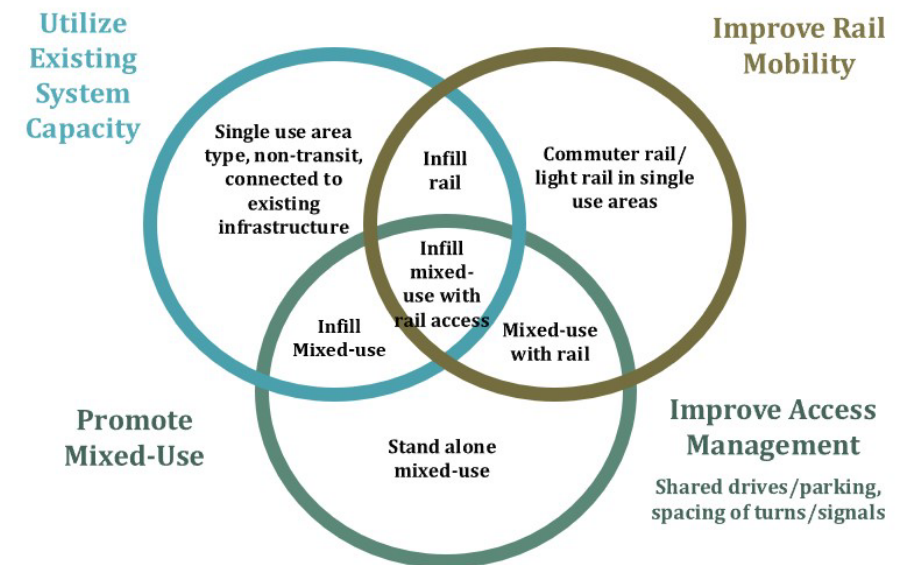
<https://www.nctcog.org/transit>



LAND USE AND SUSTAINABLE DEVELOPMENT

- Sustainable Development Funding Program (Infrastructure, Planning, Land Banking)
- Transit-Oriented Development Planning
- Economic Development
- Green Infrastructure/Urban Design
- Housing/Zoning
- Land Use & Transportation Planning (LUTP) Task Force
- Planning Studies
- Parking Management
- Technical Assistance

RTC Sustainable Development Policy



COMMUNITY SCHOOLS AND TRANSPORTATION

- Guidebook and Resources on School Siting Best Practices
- Transit Agency - School District Coordination Guidance
- School Traffic / Crossing Guard Best Practices
- Safe-Routes-to-School Planning and Technical Assistance
- Walk-to-School-Day Promotion
- Events/Training: Can include school boards and city councils
- School Siting Technical Assistance

RTC Policy Supporting School Districts (2013)

Active Transportation:

- Safe Routes to School program
- Precious Cargo program
- Transportation Alternatives Program



Air Quality:

- RTC Clean Fleet Vehicle Policy
- Clean school bus programs
- Energy audit programs
- Vehicle idling-reduction programs
- Air quality-friendly contracting initiatives



School Siting:

- Pilot school siting programs
- School bus stop coordination
- Technical assistance for school districts



Outreach and Engagement:

- Engage middle school students to design the cover of Progress North Texas
- Advocate for STEM fields

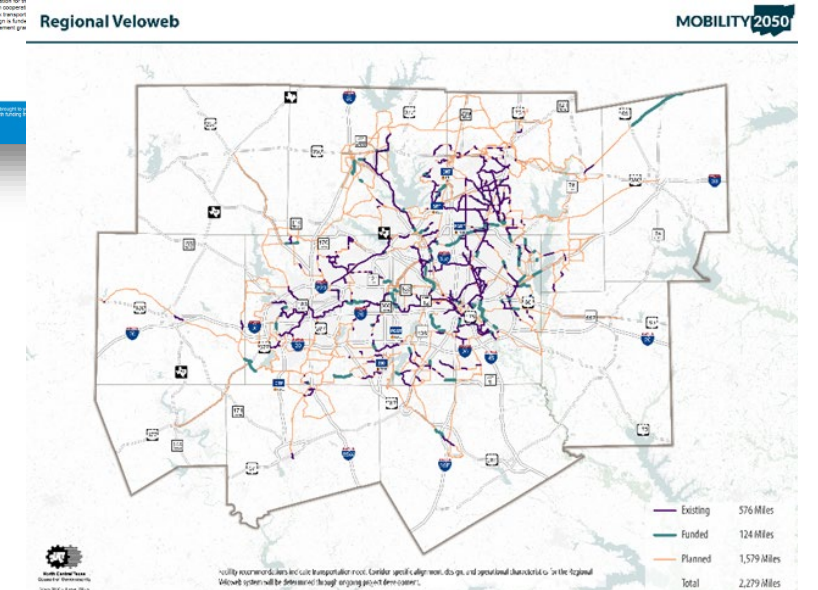
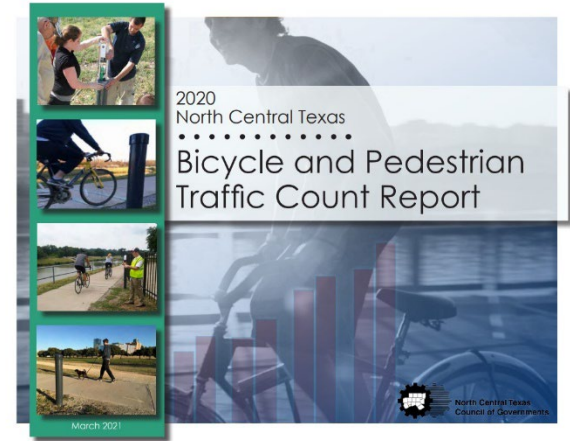
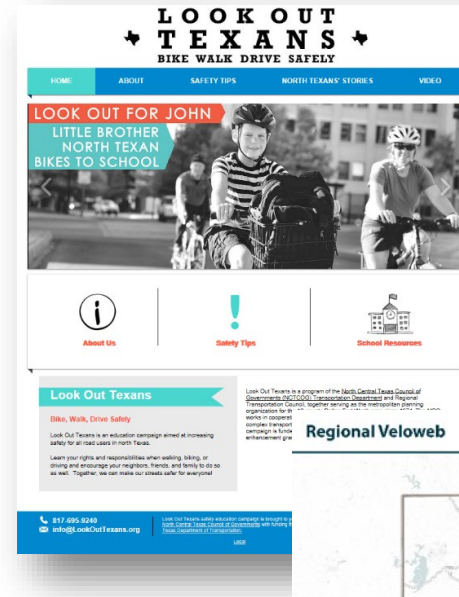


RTC Policy
Supporting
School Districts



ACTIVE TRANSPORTATION PROGRAM

- Regional Veloweb and Bikeway Facility Mapping
- Regional Pedestrian Safety Action Plan – RTC endorsed
 - Safe Streets For All Grant: Roadway Safety Audits
- Context Sensitive Design/Complete Streets
- Training and Resource Initiatives
- Data Collection & Bike/Pedestrian User Counts
- Bicycle and Pedestrian Advisory Committee (BPAC)
- Funding Programs: Transportation Alternatives (TA)
- Bike/Pedestrian Safety and Education Outreach - Look Out Texans
- Regional Bicycle Safety Plan in Development – will come to RTC for endorsement



CONTACT US



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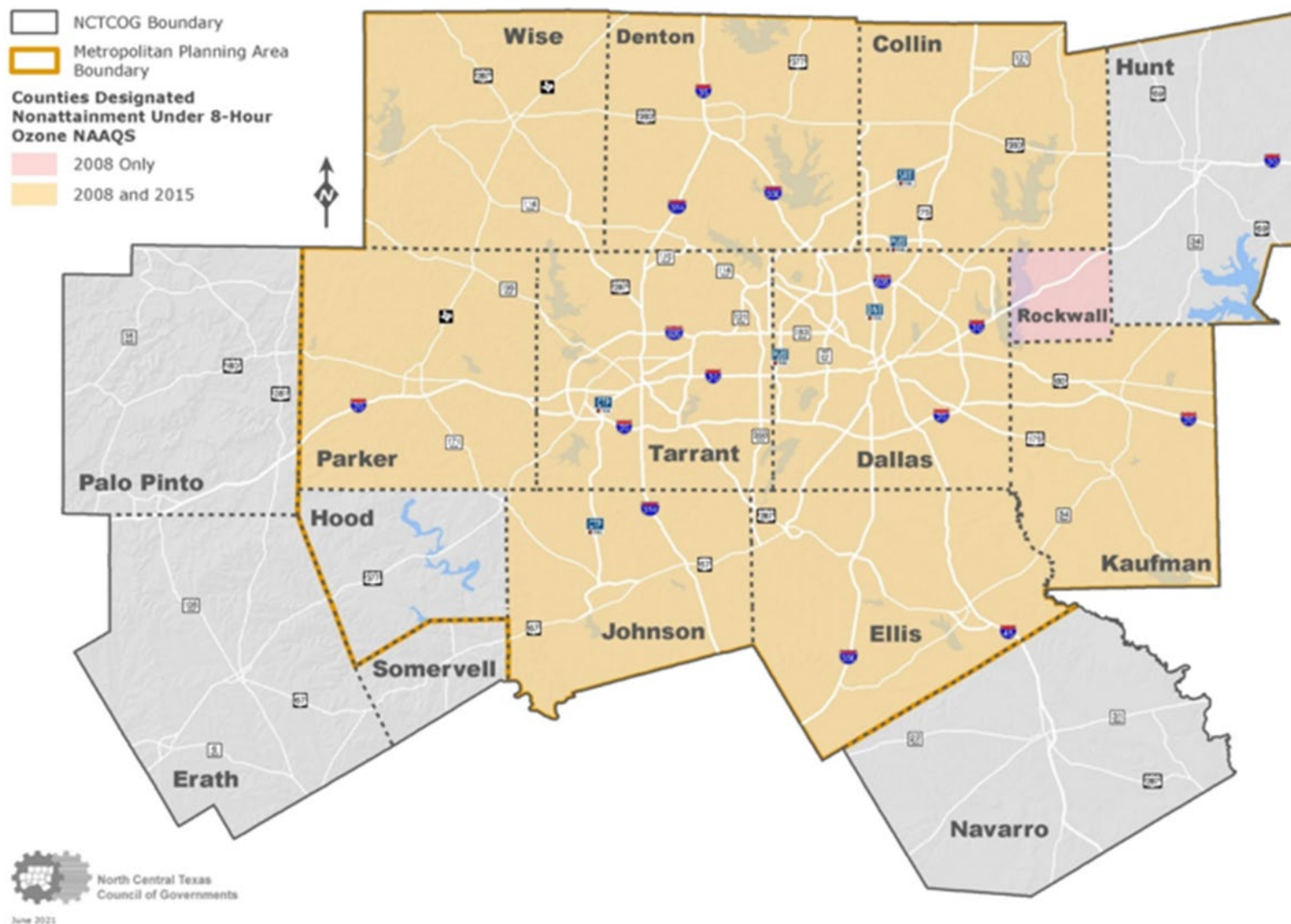
jhathcock@nctcog.org



A hand holding a pen points to a financial chart. The chart features a bar graph on the left and a candlestick chart on the right. The text 'C. PROJECT AND PROGRAM DELIVERY' is overlaid in the center.

C. PROJECT AND PROGRAM DELIVERY

TRANSPORTATION AND AIR QUALITY PLANNING AREAS



(AIR QUALITY) CONFORMITY DETERMINATION LETTER



FEDERAL TRANSIT ADMINISTRATION
819 TAYLOR STREET, ROOM 14A02
FORT WORTH, TEXAS 76102-9003

FEDERAL HIGHWAY ADMINISTRATION
300 E. 8TH STREET, ROOM 826
AUSTIN, TEXAS 78701-3225

November 21, 2024

Transmitted Via E-mail

Refer to: HDA-TX

Metropolitan Planning Organization for the Dallas-Fort Worth Arlington, Denton-Lewisville, and McKinney Urbanized Areas (MPO) Transportation Conformity Determination
Mobility 2045: The Metropolitan Transportation Plan for North Central Texas – 2022 Update and FY 2023-2026 Transportation Improvement Program

Mr. Marc D. Williams
Executive Director
Texas Department of Transportation
125 E. 11th Street
Austin, TX 78701-2483

Dear Mr. Williams:

We have reviewed the documentation supporting the transportation conformity determination for the Mobility 2045: The Metropolitan Transportation Plan for North Central Texas – 2022 Update (Mobility 2045 – 2022 Update) and FY 2023-2026 Transportation Improvement Program (FY 2023-2026 TIP) adopted by the Metropolitan Planning Organization's Regional Transportation Council on November 9, 2023.

This conformity determination was conducted to demonstrate that the Mobility 2045 – 2022 Update and FY 2023-2026 TIP conform to the 2020 Reid Vapor Pressure (RVP) Motor Vehicle Emission Budgets (MVEB). No project changes to the Mobility 2045 – 2022 Update and FY 2023-2026 TIP requiring transportation conformity are proposed. It is noted that the MPO subsequently adopted a FY 2025-2028 TIP consistent with the Mobility 2045 – 2022 Update on June 13, 2024.

Based upon our review and consultation with the U.S. Environmental Protection Agency (EPA), the Texas Commission on Environmental Quality (TCEQ), and the Texas Department of Transportation (TxDOT), we hereby find:

- the Mobility 2045 – 2022 Update and FY 2023-2026 TIP meet all the requirements for making a joint conformity determination under the Clean Air Act Amendments of 1990.

Additionally, we find:

- the Mobility 2045 – 2022 Update satisfactorily complies with the requirements of 23 CFR §450.324 regarding the review and update of metropolitan transportation plans (MTP) in air quality non-attainment areas; and
- the FY 2023-2026 TIP satisfactorily complies with the requirements of 23 CFR §450.326 regarding the update, public involvement, project inclusion, consistency with the plan, and fiscal constraint of transportation improvement programs in air quality non-attainment areas.

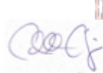
The interagency consultative partners have indicated that they have no unresolved issues concerning this conformity determination in their letters dated: November 6, 2024, for TCEQ; November 6, 2024, for EPA; and November 19, 2024, for TxDOT. The conformity determination and procedures used to make this determination are in accordance with the provisions of the transportation conformity rule (40 CFR Parts 51 and 93), dated August 15, 1997, as amended.

Please note that this action does not restart the four-year time clock associated with the MTP update. Accordingly, an updated MTP and corresponding transportation conformity demonstration will be required by December 15, 2026.

The Federal Highway Administration (FHWA) acts as executive agent for the Federal Transit Administration (FTA) on metropolitan transportation plan and transportation improvement program air quality conformity determinations. Accordingly, this letter will serve as a joint FHWA/FTA conformity determination.

Should you have any questions concerning this action, please contact Jose Campos at Jose.Campos@dot.gov or (512) 536-5932 or Barbara Maley at Barbara.Maley@dot.gov or (972) 561-8025.

Sincerely yours,

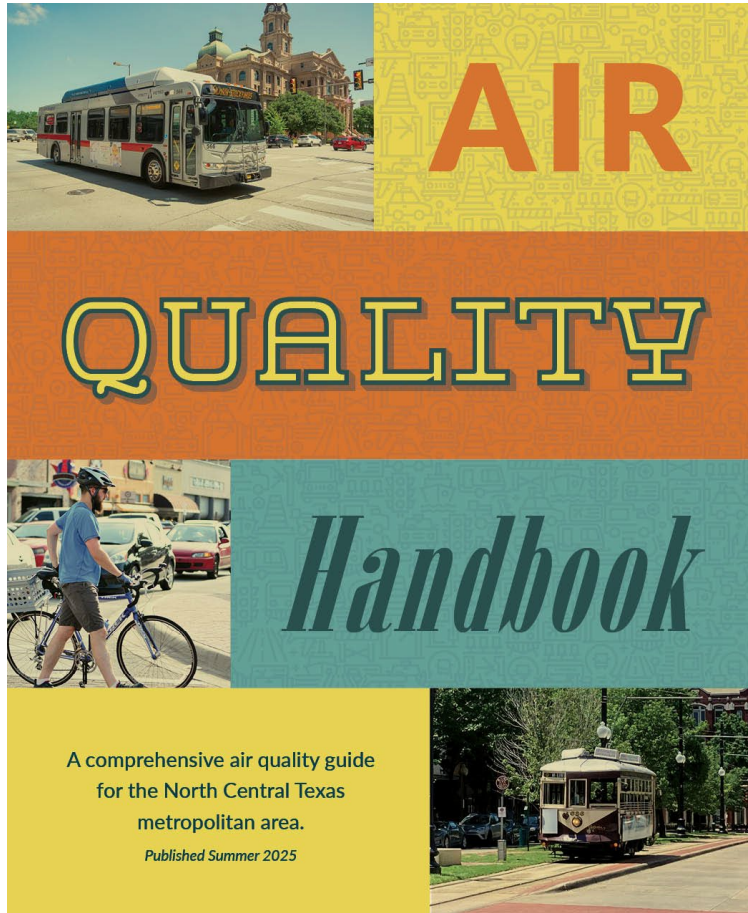

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by ACHILLE
ALONZI
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Achille Alonzi
Division Administrator



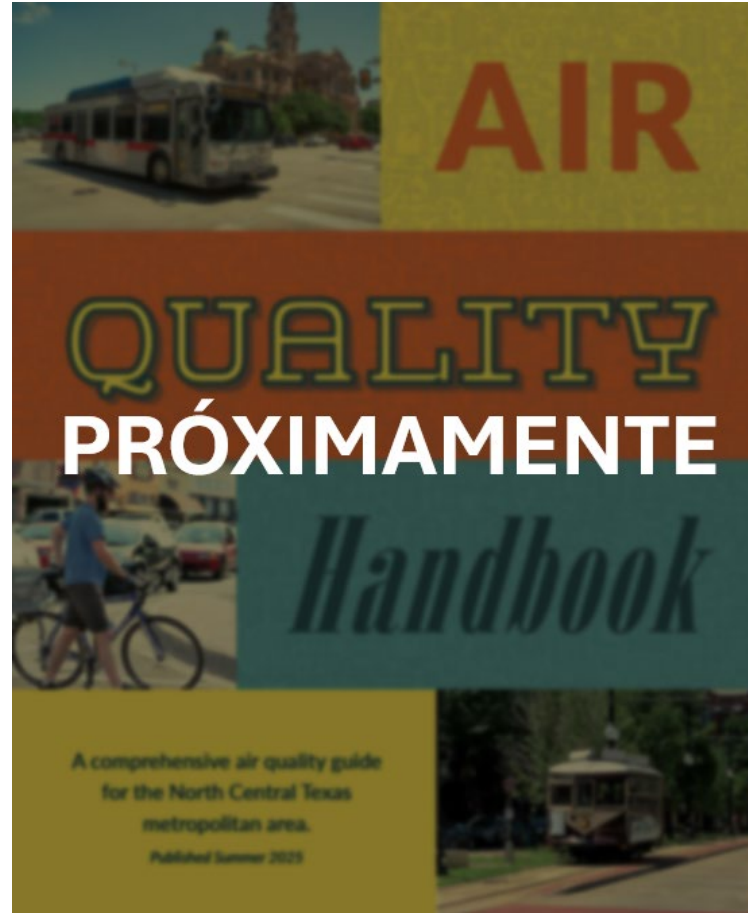
AIR QUALITY HANDBOOK: PROJECTS, PROGRAMS, POLICIES

English



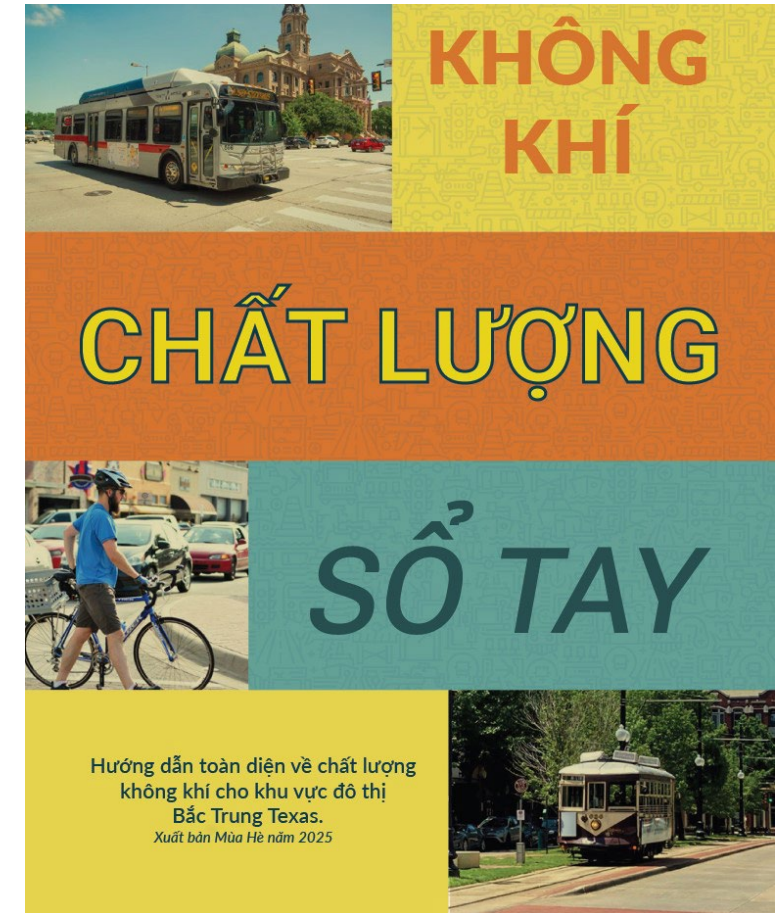
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Spanish



Coming Soon

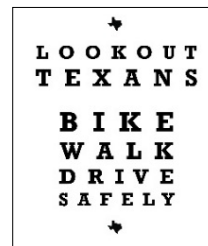
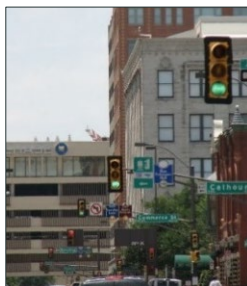
Vietnamese



<https://www.nctcog.org/getattachment/e6d61eb4-2539-4a6c-b291-735127fdd2ca/MODIFIED-AQ-Handbook-for-Vietnamese-072025-vi-VI.pdf>



EXAMPLES OF LOCAL AIR QUALITY PROJECTS



ALTERNATIVE FUEL AND ENERGY PROGRAMS

Improve Air Quality through use of Cleaner-Burning Fuels

- Electricity, Hydrogen, Natural Gas, Propane, Biofuels
- Local Air Quality Drives Focus
 - Zero Emissions Fuels
 - Fuels with Low Emissions of Ozone-Forming Pollutants

Equip the Region to Navigate the Transportation Energy Transition

- Technical Assistance and Fleet Coaching (e.g. Funding Programs)
- Infrastructure Planning and Development (both Transportation Fuels and Energy Integration)
- Peer Exchange and Best Practice Recommendations
- Training and Workforce Development
- Data Collection

Serve as Host Agency of Designated Coalition in Collaboration with the Department of Energy Clean Cities & Communities Partnership



**Clean Cities and
Communities**



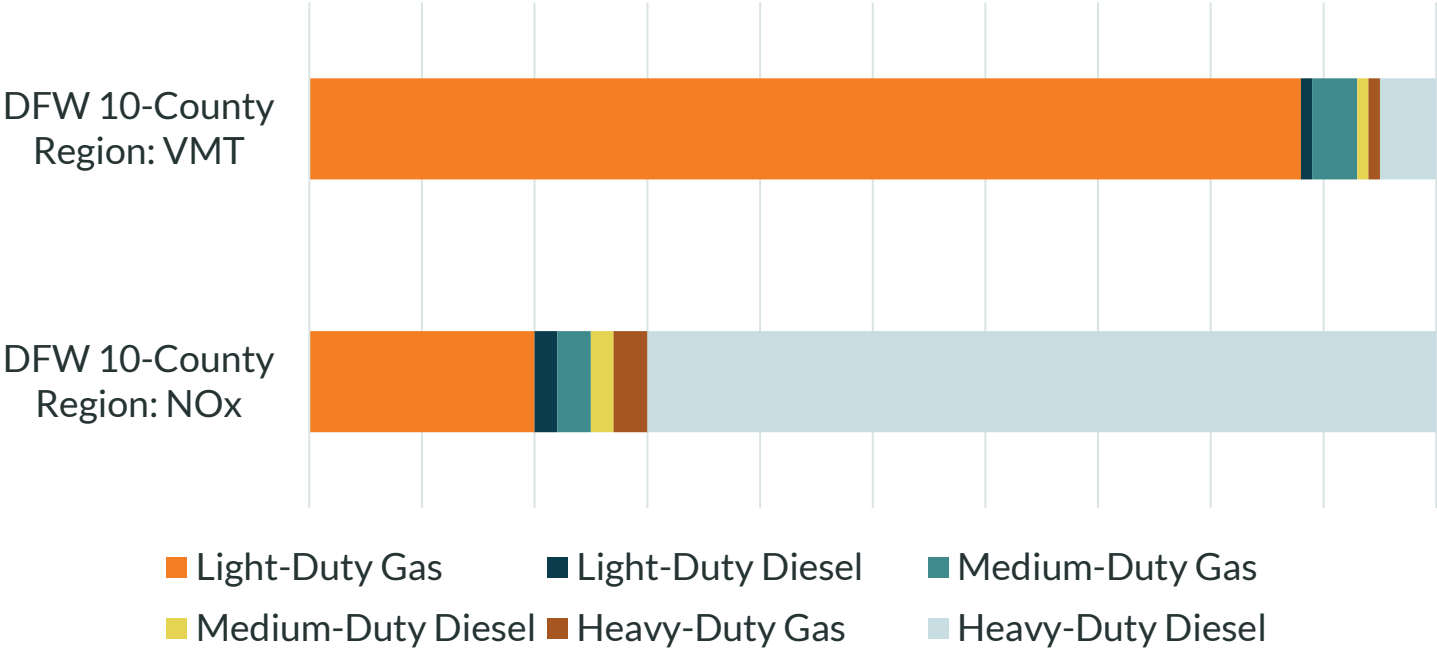
ALTERNATIVE FUEL AND ENERGY PROGRAMS

Heavy-Duty Diesel Trucks Travel 5% of Vehicle Miles but Contribute 70% of Ozone-Forming Nitrogen Oxides Pollution

Near-Term Initiatives

- Provide Incentives to Replace Heavy-Duty Vehicles with Zero Emissions Vehicles
- Deploy up to 5 Hydrogen Refueling Stations to Serve Heavy-Duty Trucks
- Develop Recommendations for Placement of Additional Refueling Infrastructure

Vehicle Miles Traveled (VMT) Versus Nitrogen Oxides (NO_x) Contribution by On-Road Vehicle Type in Dallas-Fort Worth (2025 Transportation Conformity Analysis Results)

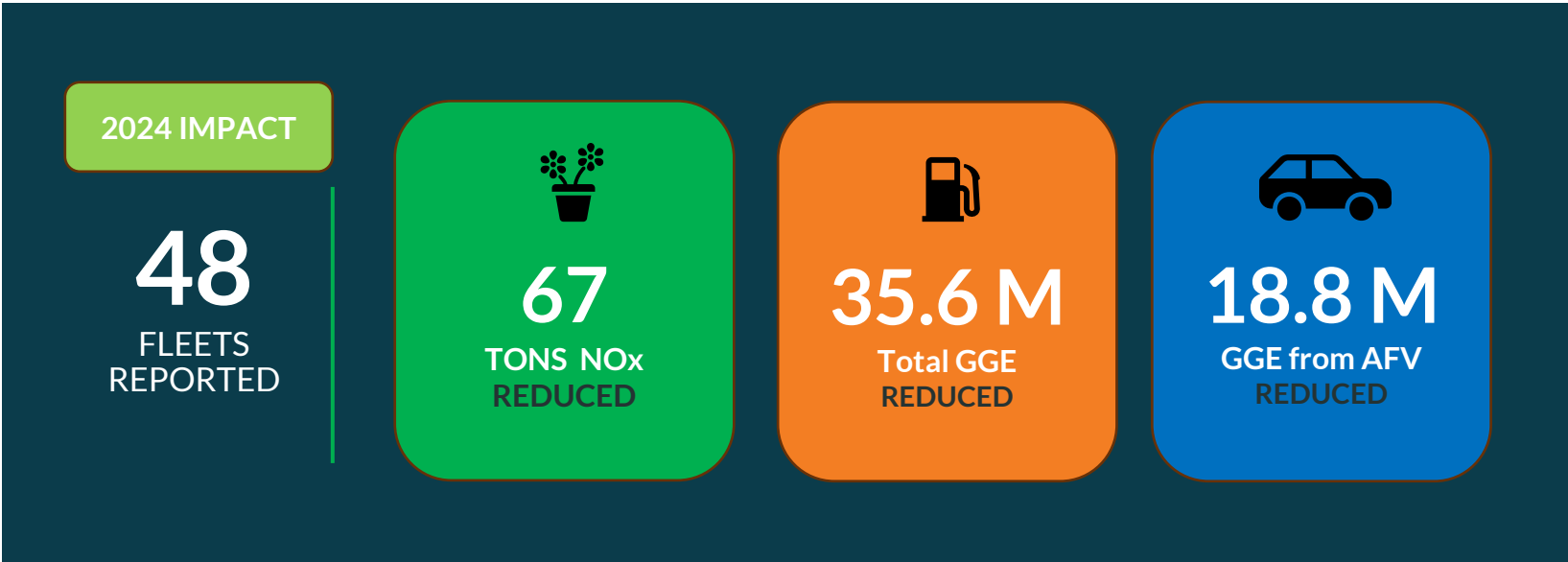


ALTERNATIVE FUEL AND ENERGY PROGRAMS

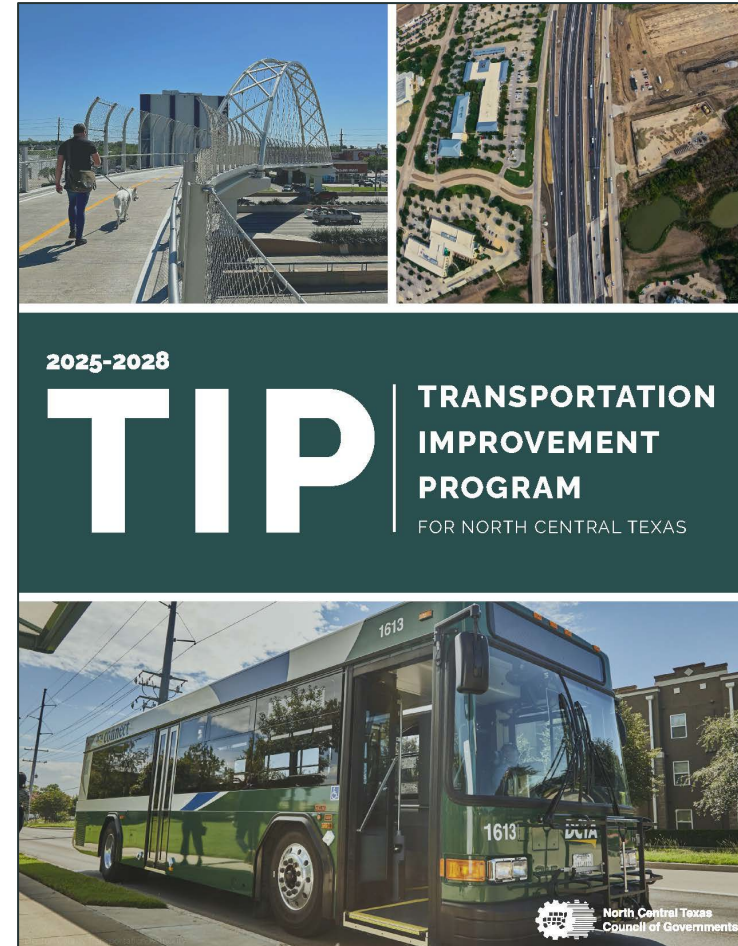
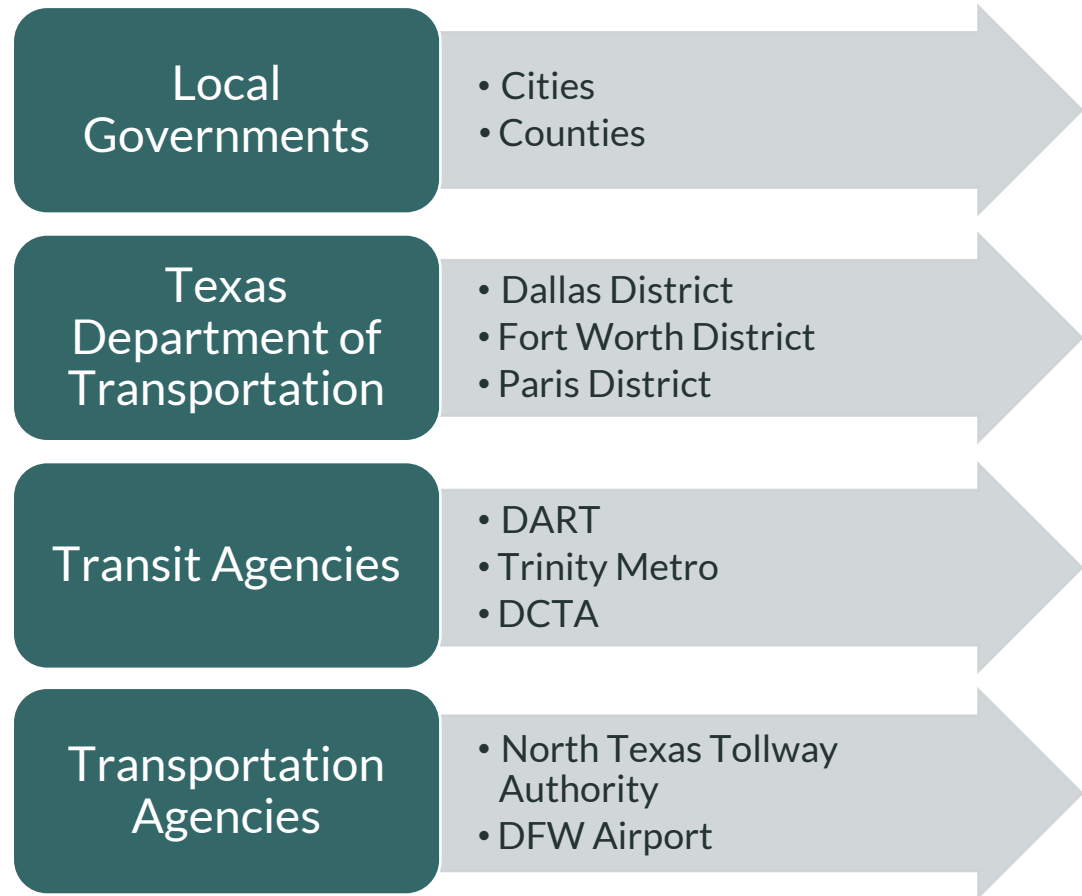
RTC Clean Fleet Policy
R14-10
Emissions Reductions
Fuel Conservation
Partnership
Reporting



Annual Fleet Recognition
Program Showcases Local
Leaders



TRANSPORTATION FUNDING AND PROJECT IMPLEMENTATION: A COOPERATIVE EFFORT



SCOPE OF PROGRAMMING

- \$48.3 Billion of Funding from All Sources (Federal, Local, State, etc.)
- 1,449 Active Projects
 - 937 Roadway/Intersections/Safety
 - 434 Transit
 - 78 Bicycle/pedestrian
- 78 Implementing Agencies

Explanation of Funding Categories: <https://www.nctcog.org/getattachment/8efed010-ce94-4114-a855-1e53d92025fd/Chapter-3-for-Web.pdf>

Project Search Engines:

<https://www.nctcog.org/trans/funds/tip/project-search-engines>



MAIN PROGRAMMING FUNCTIONS RTC AND STAFF ROLES

Regional Transportation Council (RTC) Approves:

- Project selection and funding
 - Partnership Programs/Calls for Projects
 - Regional 10 Year Plan
- TIP documents, currently 2025-2028
 - Transportation Improvement Program (TIP)
 - Statewide Transportation Improvement Program (STIP)
- Quarterly modifications to the TIP/STIP

NCTCOG Staff:

- Evaluates and recommends projects for RTC approval
- Develops the TIP document and quarterly modifications
- Provides project implementation assistance
- Tracks funded projects



NCTCOG FEDERAL GRANT SUBMITTALS: FY 23-25 AWARDS

Grant Program	Application (Project) Name	Award
Better Utilizing Investments to Leverage Development (BUILD) Program	1) East Lancaster Ave. Complete Streets & Transit Technology Project 2) Cotton Belt/Silver Line Trail Critical Sections (DART) 3) Dallas County Inland Port (DCIP) Multimodal Connectivity Project (Dallas County)	1) \$ 20M 2) \$ 25M 3) \$ 25M
Charging & Fueling Infrastructure (CFI) Program	1) North Texas Equitable Electric Vehicle Infrastructure (NTx-EEVI) Project – COMMUNITY 2) Texas Hydrogen & Electric Freight Infrastructure (Tx-HEFTI) Project – CORRIDOR	1) \$ 15M 2) \$ 70M
Community Noise Mitigation Program	Community Noise Mitigation Program – Lake Worth/White Settlement ISD	\$ 4.05M
Diesel Emissions Reduction Act (DERA) Program	North Texas Diesel Emissions Reduction – 2023 Program	\$ 3M
EPA Clean Heavy-Duty Vehicles Program	North Texas Clean Heavy-Duty Vehicles Program	\$ 60M
EV Charger Reliability & Accessibility Accelerator Program	Incorporate North American Charging Standard Connectors for Consistency with Texas EV Infrastructure Plan	\$ 3.66M
Low-/No-Emissions Bus Grant Program	Compressed Natural Gas (CNG) Bus Fleet Modernization Project (DART)	\$ 103M
Multimodal Projects Discretionary Grant (MPDG) Program – INFRA Grant	AllianceTexas Inland Port Project	\$ 80M
Reconnecting Communities & Neighborhoods (RCN) Program: Regional Partnership Grants	Bridging Highway Divides for DFW Communities: Klyde Warren – Phase 2.0; Southern Gateway – Phase 2.0; IH 30 Canyon – Dallas Heritage Village/Farmers Market	\$ 65M
Safe Streets & Roads for All (SS4A) Program	MLK, Jr./Cedar Crest Blvd. Complete Street & Safety Upgrades – IMPLEMENTATION (Dallas)	\$ 21.8M
Strengthening Mobility & Revolutionizing Transportation (SMART) Program	Intelligent Micro-Weather Network for Autonomous Vehicles (AV) & Advanced Air Mobility (Fort Worth)	\$ 2M

NOTE: List does not include FY 23-25 awards for planning grants: Total – \$15.3M (9 awards)

Corridor ID (4), EPA Climate Pollution Reduction Grant (CPRG), Transit-Oriented Development (TOD) Pilot, SS4A Planning/Demonstration Grant (2), & US DOE/DOT “Ride & Drive” Electric Programs



TRANSPORTATION TECHNOLOGY AND INNOVATION PROGRAMS

Future Funding Program

Data Exchange Standards

Connected Vehicle System Interface Requirements

Work Zone Data Exchange

Universities/Workforce

Industry Engagement



AUTONOMOUS BOTS

Unmanned Delivery Bots (Unmanned Aircraft Systems)

Purpose

- Provide low-cost, on-demand last-mile delivery without onboard operators
- Operate in pedestrian-friendly and access-restricted areas
- Provide regional experience
- Successfully deploy in campus and urban environments
- Offer reliable performance in mixed pedestrian traffic

Services

- Food, grocery, and small-parcel delivery (Completed Pilot)
- Secure drop-off/pick-up via app
- Frequent service in underserved areas

Gaps Filled

- Expands reach where vehicles are impractical
- Reduces short vehicle trips and congestion
- Generates operational data for AV policy development

Active Operators

- Starship Technologies
- AVRIDE



Courtesy of Starship Tech



AUTONOMOUS FREIGHT

Unmanned Trucks with Safety Drivers

Purpose

- Automate freight while retaining human oversight
- Enable safe, efficient, continuous operations

Proven in North Central Texas Region

- Multiple operators deployed with strong safety record
- Reduced delays and improved delivery reliability

Service Value

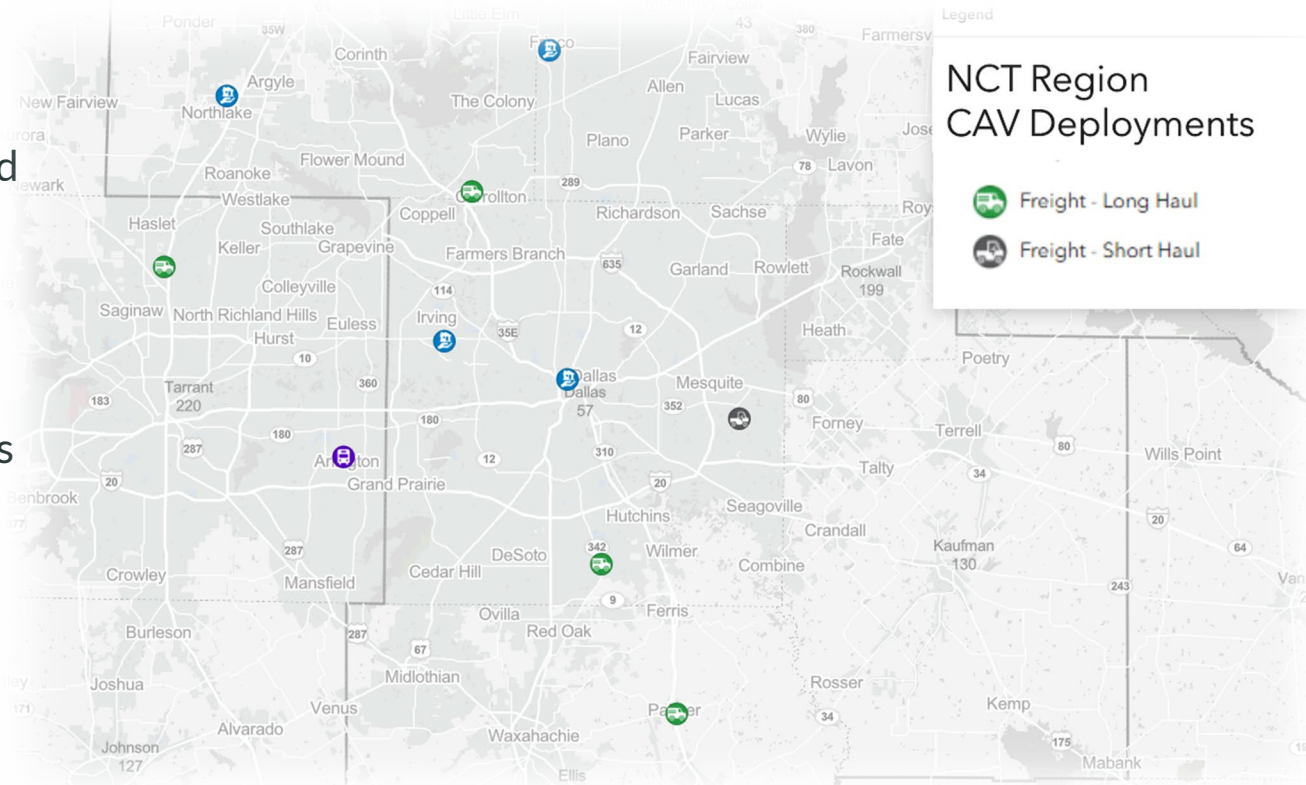
- Long-/short-haul freight
- 24/7 operations with optimized routing
- Integration with fleet management & logistics systems

Gaps Filled

- Driver shortage relief
- Maintains freight flow during disruptions
- Cuts idle time, congestion, and emissions

Active Operators

- Aurora • Torc Robotics • Gatik
- Kodiak • Navistar
- Waabi • Plus



Courtesy of TxDOT



CONGESTION MANAGEMENT PROCESS

One of 5 federally mandated planning documents for Metropolitan Planning Organizations

**Required for urbanized areas with populations exceeding 200,000
(also known as Transportation Management Areas)**

Aims to maximize existing roadway capacity through asset optimization and travel demand management

- Manage Travel Demands
- Reduce Single Occupancy Vehicle Travel
- Improve Efficiency of Transportation System
- Improve Safety for all Using System
- Maximize Transportation Funds
- Justify Additional Capacity as Needed
- Coordinate with Regional Partners

www.nctcog.org/trans/manage/congestion-management-process



TRANSPORTATION SYSTEM MANAGEMENT AND OPERATIONS

Intersection Improvement and Signalization Improvements

Incident Timing Plan – Development of frontage road timing plans for major incidents on main lanes

Regional Traffic Signal Program – Inventory of traffic signal equipment, identification of minimum traffic signal equipment standards, measurement of overall traffic signal performance, traffic signal retiming and programming of funds for traffic signal equipment upgrades

Intelligent Transportation System

Regional ITS Architecture and ITS Strategic Deployment Plan

Regional ITS Network and Data Sharing (MOU)

Regional Data Exchange

511DFW Traveler Information System – Public website and portal for agency data entry and integration of third-party data

www.nctcog.org/trans/manage/its

Demand Reduction

High Occupancy Vehicle Discount Program – Go Carma

Try Parking It

Employer Trip Reduction Program

Regional Vanpool Program



try parking it



Stay Connected. Stay Safe.



TRANSPORTATION SAFETY

Safety Performance Targets and Reporting System

NCTCOG Roadway Safety Plan

Regional Safety Advisory Committee

Traffic Incident Management Training Program

- First Responders and Managers Course

- Executive Level Course

- Incident Management Equipment Purchase and
Blocking Equipment Call for Projects

- Regional Transportation Council Resolution

 - (R08-10): Resolution Supporting a

 - Comprehensive, Coordinated, Interagency

 - Approach to Freeway Incident Management

Regional Mobility Assistance Patrol Program

Commercial Vehicle Enforcement Safety Program

- Commercial Motor Vehicle Violations Training for
Prosecutors and Judges

Drive Aware North Texas Safety Campaign

www.nctcog.org/trans/quality/safety/transportation-safety

www.DriveAwareNTX.org



AVIATION PLANNING AND EDUCATION PROGRAMS

Surface Access to Aviation – Data collection and planning efforts to access infrastructure to aviation facilities and associated improvement needs as well as land-use implications surrounding aviation facilities.

Regional Aviation System Planning – Continuous system planning efforts and implementation of the **Regional General Aviation and Heliport System Plan** in coordination with the **Air Transportation Advisory Committee**.

Unmanned Aviation Integration – Integration of unmanned aviation technologies into the traditional transportation planning process. The main program for this effort is the **North Texas Unmanned Aircraft Systems (UAS) Safety and Integration Initiative**, including the **UAS Safety and Integration Task Force** and **Working Groups**. Another primary program is the **North Texas Airspace Awareness Pilot Program**.

Aviation Education Integration and Outreach – Implementation and outreach efforts associated with recommendations from the **North Texas Aviation Education Initiative**. Partnerships to develop regional aviation programs, as well as a variety of outreach strategies to local students.

www.nctcog.org/aviation

www.northtexasuas.com

www.nctaviationcareers.com



NON-DISCRIMINATION AND TITLE VI PROGRAMS

Non-Discrimination in Transportation Planning:

Responsibility for ensuring regional transportation programs address effects of all plans, programs, and policies across population groups by engaging a more comprehensive and inclusive approach during the transportation planning process.

- Addressing accessibility and impacts

- Overcoming language barriers

- Tribal consultation

Title VI Program:

“Title VI of the 1964 Civil Rights Act and related statutes provide that no person in the United States shall, on the grounds of race, color, national origin, age, sex, disability, or religion be excluded from participation in, be denied the benefits of, or otherwise be subjected to discrimination under any program or activity receiving Federal financial assistance.”

- Describes NCTCOG’s Title VI non-discrimination efforts and subrecipient monitoring; updated triennially (2025)

- Required for direct/primary Federal Transit Administration (FTA) funding recipients



FEDERAL PERFORMANCE MEASURES – ESTABLISHING TARGETS

Rulemaking	Next Anticipated RTC Action	Target-Setting Schedule
PM1 – Roadway Safety	Early 2028	Targets established as reductions over 5-year period
PM2 – Pavement/Bridge Condition	Early 2027	Biennial
PM3 – System Performance, Freight, and CMAQ	Late 2026	Biennial
Transit Safety (PTASP)	Late 2029	Every 4 Years
Transit Asset Management	Late 2026	Every 4 Years

CMAQ – Congestion Mitigation Air Quality Improvement Program

PTASP – Public Transportation Agency Safety Plans



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A hand holding a pen points towards a financial chart in the background. The chart features a bar graph with blue bars and a candlestick chart with black bars. The text 'D. ACCOUNTABILITY, FISCAL DISCIPLINE AND FUNDING INNOVATION' is overlaid in white. The background is a dark, semi-transparent overlay of a financial document.

D. ACCOUNTABILITY, FISCAL DISCIPLINE AND FUNDING INNOVATION

UNIFIED PLANNING WORK PROGRAM FOR REGIONAL TRANSPORTATION PLANNING

- Federally Required Instrument for Coordinating Metropolitan Transportation and Air Quality Planning Activities
- Developed Every Two Years and Modified Quarterly Throughout the Two Fiscal Years Covered
- Summarizes Metropolitan Planning Organization (MPO) Funding and Allocates Available Funds to Specific Tasks
- Inventories Planning and Implementation Activities

A full copy of the Unified Planning Work Program can be found at:
<https://www.nctcog.org/trans/study/unified-planning-work-program>

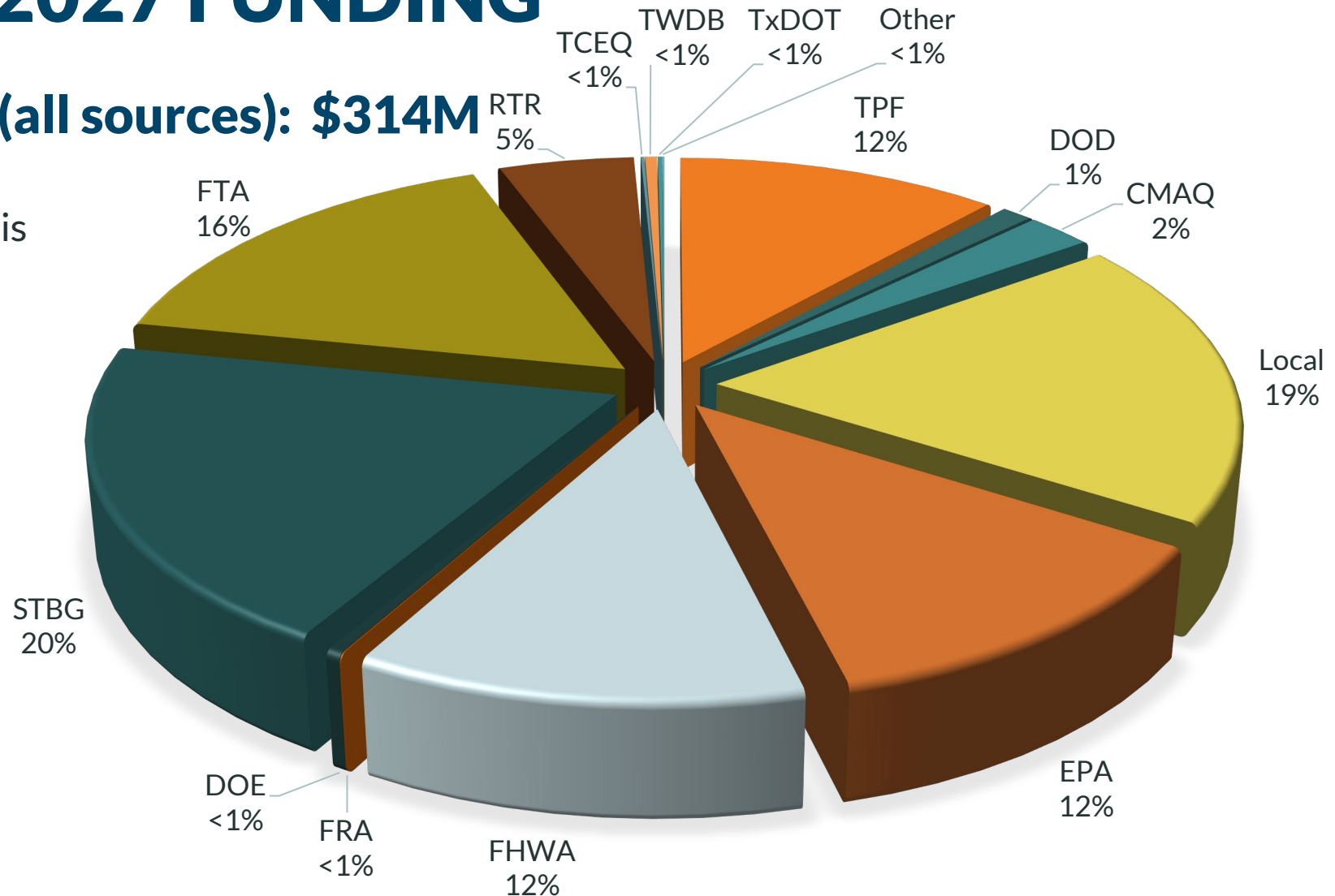


SUMMARY OF TOTAL FY2026 AND FY2027 FUNDING

Estimated Total Funding (all sources): \$314M

Approximately 62% of the funding is expected to be passed through to transportation partners:

- 40% will be awarded to subrecipients
- 22% will fund competitive procurements



FISCAL MANAGEMENT



Budget development
and monitoring



Receipts and
payments facilitation



Grant and contract
compliance



Financial reporting



LEGAL SERVICES

- 1. Provides overall legal advice on day-to-day NCTCOG operations.**
 - a) NCTCOG programs, projects and policies
 - b) Compliance with federal, state, and local statutory/regulatory requirements
 - c) Federal, state, and local grant requirements
- 2. Advises NCTCOG Governing Body and Committees.**
 - a) Executive Board
 - b) Regional Transportation Council
 - c) Various other NCTCOG Committees under Executive Board structure
- 3. Advises NCTCOG in its capacity as contractor/administrative entity for various entities.**
 - a) North Central Texas Workforce Development Board
 - b) Public Employee Benefit Cooperative
- 4. Advises the North Central Texas Emergency Communications District (NCT9-1-1).**
- 5. NCTCOG utilizes in-house counsel model.**
 - a) General Counsel – Ken Kirkpatrick
 - b) Deputy General Counsel – James Powell
 - c) Augmented with external counsel on specialized expertise (e.g., employment law)



INNOVATIVE FINANCE

Develop agreements related to RTC Innovative Finance strategies

- Federal/local swap initiatives
- RTC Loans/Funding Advances
- Partnerships to leverage Tax Increment Reinvestment Zone Funds/Tax Increment Financing
- RTC landbanking programs
- RTC financial backstop arrangements (e.g., SH 360)



CONTRACT & RISK MANAGEMENT SERVICES

RISK

- Risk assessment processes
 - Discretionary risk assessment on competitive grant applications
 - Federally required risk assessment on subrecipient activities
- Mechanisms to reduce risk for RTC programs and initiatives

PROCUREMENT

- TxDOT/FTA approved procurement processes
 - Agency Administration procures items to support office environment
 - Transportation procures consultants, vehicles, equipment
- Funding agency coordination and approvals
- Disadvantaged Business Enterprise contracting goal establishment

CONTRACTS

- Grant application submittal assistance
 - Review of terms and conditions and compliance requirements
- Funding agreements, template, and project-specific agreements for consultants and subrecipients
- Funding agency coordination and approvals

COMPLIANCE

- Title VI & Americans with Disabilities Act
- US DOT Disadvantaged Business Enterprise Program
- Build America, Buy America
- Property/equipment management
- Subrecipient compliance monitoring (e.g., procurement and policies/procedures reviews)



DEFENSE PLANNING



COMPATIBLE USE
PLANNING



NAS JRB FORT WORTH
REGIONAL COORDINATION
COMMITTEE



AGILE CURRICULUM
PROGRAM



PARCEL ACQUISITION



SAFETY/SECURITY



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The background is a dark teal overlay on a photograph. The photograph shows a hand in a suit sleeve holding a pen, pointing at a financial chart. The chart is a candlestick chart with volume bars. The text 'E. DIALOGUE/QUESTIONS/OBSERVATIONS' is written in large, white, bold, sans-serif capital letters across the center of the image.

E. DIALOGUE/QUESTIONS/OBSERVATIONS