



New Regional Transit Safety Performance Measure Targets

Ezra Pratt, AICP

Surface Transportation Technical Committee | 8.22.2025

Federal Performance Measure Schedule

Rulemaking	Next Anticipated STTC Action	Next Anticipated RTC Action	Target-Setting Schedule
PM1 – Roadway Safety	2025 (Pending Data Availability)	2025 (Pending Data Availability)	Targets established as reductions over 5-year period
PM2 – Pavement and Bridge	February 2025 ✓	March 2025 ✓	Biennial
PM3 – System Performance, Freight, and CMAQ (Part 1)	August 2024 ✓	September 2024 ✓	Biennial
PM3 – System Performance, Freight, and CMAQ (Part 2)	February 2025 ✓	March 2025 ✓	Biennial
PM3 - Greenhouse Gas Emissions	N/A (Implementation suspended)		
Transit Safety (PTASP)	August 2025	September 2025	Every 4 Years
Transit Asset Management	Late 2026	Late 2026	Every 4 Years



Public Transportation Agency Safety Plan (Transit Safety) Overview

Public Transit Agency Safety Plans (PTASPs) are a means for transit providers and MPOs to monitor and improve the safety of transit systems under their jurisdiction.

Provider targets are established annually, while regional safety targets are established every four years.

The five required groups of performance measures are listed below:

- **Safety Events**
- **Fatalities**
- **Injuries**
- **Assaults on Transit Workers** [New Measure added in April 2024]
- **System Reliability**

Policy Direction

- Several new measures were added with updated Federal Transit Administration (FTA) regulations in April 2024
- Goal of the targets is to achieve a **10%** improvement from the regional baseline average performance by 2029
- Fatality targets are set to **zero**, in line with the regional safety position that, “Even one death in the transportation system is unacceptable”



PTASP Measures & Targets – Current Performance

NCTCOG Regional PTASP Safety Performance Targets	Desired Trend Indicating Improvement	FY 2023** Performance	Current Target
Total Major Events	➡	303	490
Major Events Rate*	➡	0.400	0.770
Total Fatalities	➡	5	0
Fatalities Rate*	➡	0.007	0.000
Total Injuries	➡	396	143
Injuries Rate*	➡	0.523	0.220
System Reliability (Average Miles between Major Mechanical Failures)	➡	26,544	19,841

* Rate per 100,000 Vehicle Revenue Miles

** Most recent data from the National Transit Database



PTASP Measures & Targets - Draft Updated Targets

NCTCOG Regional PTASP Safety Performance Targets	Desired Trend Indicating Improvement	FY2020-FY2023 Baseline Average	New Draft Target
Total Major Events	➡	241	217
Major Events rate*	➡	0.355	0.320
Collisions rate*	➡	0.188	0.169
Pedestrian Collisions rate*	➡	0.098	0.088
Vehicular Collisions rate*	➡	0.067	0.061
Total Fatalities	➡	10	0
Fatalities rate*	➡	0.015	0.000
Transit Worker Fatalities rate*	➡	0.008	0.000
Total Injuries	➡	271	244
Injuries rate*	➡	0.397	0.357
Transit Worker Injuries rate*	➡	0.037	0.033
Total Assaults on Transit Workers	➡	5	0
Assaults on Transit Workers rate*	➡	0.007	0.000
System Reliability (Average Miles between Major Mechanical Failures)	➡	20,751	22,826

* Rate per 100,000 Vehicle Revenue Miles

** Most recent data from the National Transit Database

Addressing Transit Safety Measures

All Transit Safety performance measures stand to be improved by policies, programs, and projects that are recommended by **Mobility 2050**

Policy TR3-007: Implement safety, management and operational efficiency, and multimodal system integration projects and programs as appropriate.

BUILD and other discretionary grant awards with transit infrastructure components

Numerous projects being implemented by transit providers

- DART removal of mid-platform pedestrian crossings at all rail stations
- Investments in multimodal enhancements at and near major transit centers, such as those resulting from NCTCOG's Routes to Rail Stations studies



Transit Performance Measures & PTASP Regional Target Update Schedule

Action	Date
Coordination with Regional Transit Providers on Draft PTASP Targets	Early March 2025
STTC Information on TAM/PTASP Performance and Draft Updated PTASP (Transit Safety) Targets	March 28, 2025
NCTCOG Hybrid Public Meeting on TAM/PTASP Performance and Draft Updated Transit Safety Targets	April 7, 2025
RTC Information on Draft Updated Transit Safety Targets	August 7, 2025
STTC Action to Recommend Adoption of New Regional Transit Safety Targets	August 22, 2025
RTC Action to Adopt New Regional Transit Safety Targets	September 11, 2025
NCTCOG Committee Action to Adopt New Transit Asset Management Targets	Late 2026



REQUESTED ACTION – Regional Transit Safety (PTASP) Performance Measures

Recommendation for RTC approval of:

- New Regional Transit Safety Performance Measure Targets for FY2026-FY2029.
- Administratively amending the Transportation Improvement Program (TIP)/Statewide Transportation Improvement Program (STIP) and updating any administrative and/or planning documents as needed to incorporate the new transit safety targets.

STTC Action Item – August 22, 2025



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NCTCOG TRANSPORTATION DEPARTMENT

2025 Public Participation Plan Update

CARLI BAYLOR

SURFACE TRANSPORTATION TECHNICAL COMMITTEE

8.22.25

Overview

The Public Participation Plan (PPP) is a federal requirement, guides our department's public involvement efforts and outlines the MPO's responsibility to inform and involve individuals and communities.

PPP covers federal responsibilities, procedures, strategies and evaluation. A copy is posted on the Transportation Department's **Get Involved** webpage.



Guiding Principles

Consistent & Comprehensive Communication

Commitment to Balanced Engagement

Consultation with Committees

Collaboration with Audiences & Stakeholders



Public Participation Plan Goals

Goal 1: Inform and Educate

Goal 2: Engage Comprehensive Audiences and encourage continued participation

Goal 3: Evaluate public participation strategies and efforts



Engagement With People

- Virtual and In-Person Public Meetings
 - Online Input Opportunities
 - Outreach Events
 - Speaking Engagements
 - Community Networks
 - Media Relations
- Print and Digital Publications
 - Website
 - Social Media
 - Surveys and Polling
 - Visualizations and Shareable Content
 - Translation and Interpretation Services



Legislation Related to Public Participation

Infrastructure Investment and Jobs Act (IIJA)

Title VI of the Civil Rights Act of 1964: Nondiscrimination in Federally Assisted Programs

Revocation of Executive Order 12898 (Environmental Justice in Minority Populations and Low-Income Populations, 1994)



Proposed Revisions

Update the PPP to reflect new planning regulations and federal policies.

Reaffirm public involvement process for the Unified Planning Work Program (UPWP). Public meeting will no longer be required for UPWP modifications. UPWP will instead be posted online.

Reaffirm cataloging of public comments in two documents:

- Public input opportunity minutes
- Public comments reports



Proposed Revisions

Update references to keypad polling and virtual public engagement to ensure public involvement processes and procedures up to date and reflect technology advances:

- Incorporate use of phone applications for polling
- Incorporate usage of online public engagement platform

Review performance measures to ensure they are relevant and manageable to track and report.

Create new layout and design of PPP document to reflect department branding efforts.



Schedule

June 27, 2025

STTC Information

July 10, 2025

RTC Information

July 14, 2025

Public Meetings

July 14, 2025

Public Comment Period Begins

August 22, 2025

STTC Action

Sept. 11, 2025

RTC Action



REQUESTED ACTION

2025 Public Participation Plan Update

- Recommendation for RTC approval of proposed revisions:
 - Federal policy and planning regulation updates
 - Reaffirmation of Unified Planning Work Program (UPWP) public involvement process
 - Reaffirmation of public comments cataloging
 - Updates to terminology for keypad polling and virtual public engagement
 - Performance measures review and evaluation
 - New layout and design of Public Participation Plan (PPP) document
- Administratively amending the Transportation Improvement Program (TIP)/Statewide Transportation Improvement Program (STIP) and updating any administrative and/or planning documents as needed to incorporate the program/policy/project/change.

STTC Action Item – August 22, 2025



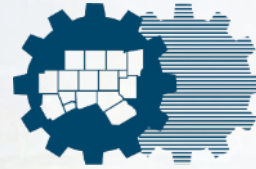
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NCTCOG PRESENTATION

FISCAL YEAR 2025 PUBLIC TRANSPORTATION FUNDING: PROGRAMS OF PROJECTS

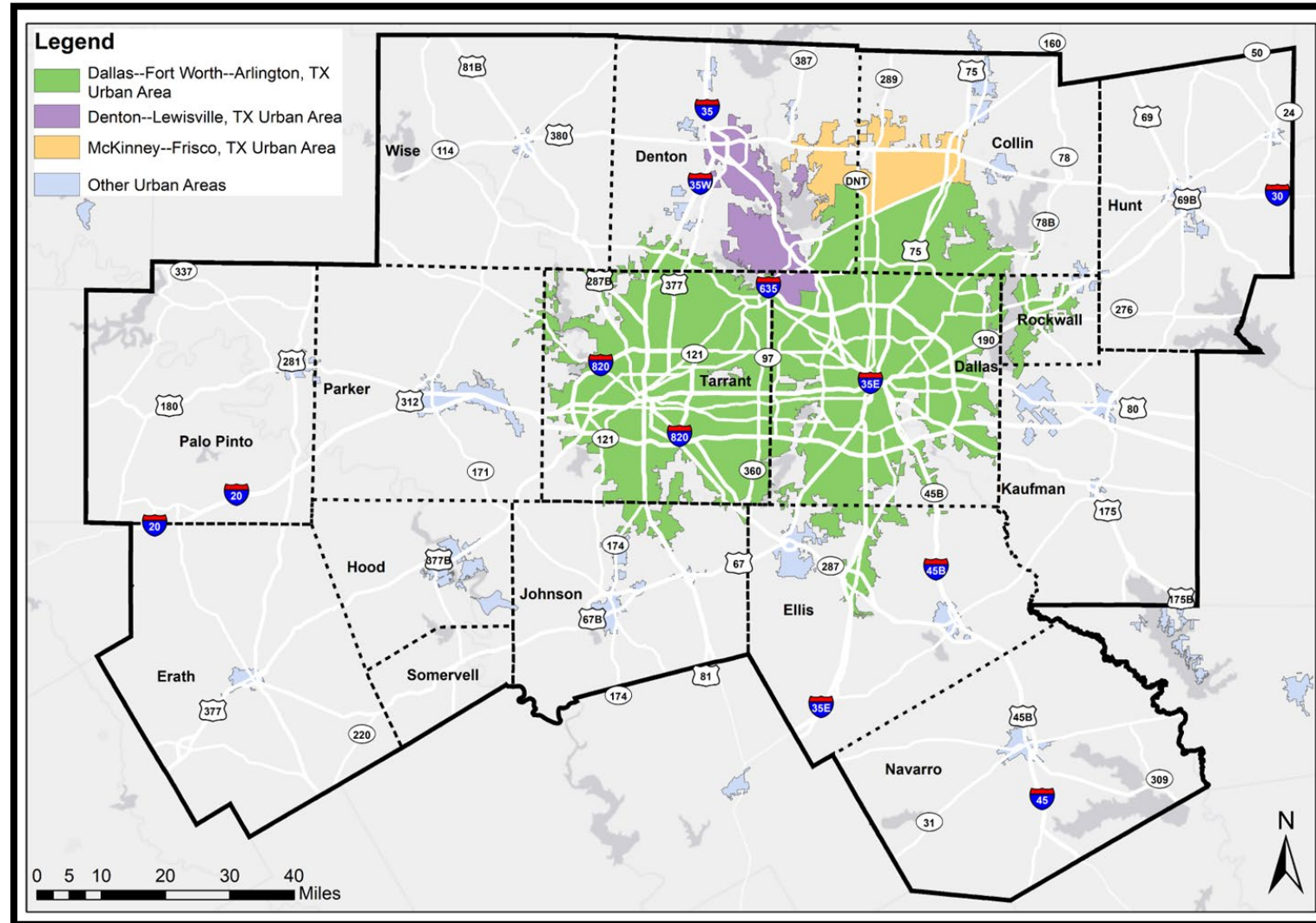
SURFACE TRANSPORTATION TECHNICAL COMMITTEE | 8.22.2025

BACKGROUND

- The North Central Texas Council of Governments (NCTCOG) is the designated recipient for Federal Transit Administration (FTA) funding for the Dallas-Fort Worth-Arlington, Denton-Lewisville, and McKinney-Frisco Urbanized Areas.
- Responsible for allocating federal funds to public transit providers in the region, including:
 - Transit Authorities (Dallas Area Rapid Transit, Trinity Metro, Denton County Transportation Authority)
 - Cities that are recipients of FTA funds (Arlington, Grand Prairie, McKinney, Mesquite)
 - Small transit providers (e.g., Northeast Transportation Services, Span, Inc., STAR Transit)
- Two NCTCOG processes are used to award funds:
 - Set-aside for Strategic Partnerships
 - Programs of Projects (POP) process



2020 CENSUS URBANIZED AREAS & URBAN CLUSTERS



FEDERAL FORMULA FUNDING PROGRAMS FOR URBAN AREAS

	PROGRAM	PURPOSE	PROJECT TYPES
5307	Urbanized Area Formula (includes Job Access/Reverse Commute projects)	Serve general public including low-income workers	Capital Operating Planning
5310	Enhanced Mobility of Seniors and Individuals with Disabilities	Serve needs of the elderly and individuals with disabilities	Capital Operating
5337	State of Good Repair	Maintain rail services	Capital
5339	Bus and Bus Facilities	Purchase vehicles and/or maintain bus services	Capital



PROPOSED FEDERAL FUNDS

- Public transportation providers in the region are proposed to receive approximately \$206.3 million in Fiscal Year (FY) 2025 Federal Transit Administration formula funds and \$5.1 million in FY 2024 funds through this apportionment award cycle.
- Approximately \$10.4 million in FY 2025 and \$4.8 million FY 2024 funds remain to be programmed in future cycles.
- 2,831,565 in Transportation Development Credits (TDCs) are proposed to be awarded through this cycle; TDCs are used in lieu of the local cash match requirement and do not increase funding for a project.



CURRENT AWARD CYCLE FUNDING SUMMARY (\$ IN MILLIONS)

FTA Funds by <u>Agency Type</u>	\$211.4M
Transit Authorities (DART, Trinity Metro, and DCTA)	\$182.1M
All Others	\$29.3M

FTA Funds by <u>Project Type</u>	\$211.4M
Capital (vehicles, equipment, preventive maintenance, etc.)	\$197.1M
Operations	\$14.1M
Planning	\$0.2M



REQUESTED ACTION – FISCAL YEAR 2025 PUBLIC TRANSPORTATION FUNDING PROGRAMS OF PROJECTS

- Recommend RTC approval of:
 - The proposed funding for the FY2024 and FY2025 Programs of Projects included in the packet
 - Administratively amending the Transportation Improvement Program (TIP)/Statewide Transportation Improvement Program (STIP) and updating any administrative and/or planning documents as needed to incorporate this funding on these projects.

STTC Action Item – August 22, 2025



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North Central Texas Council
of Governments

Rail Crossing Improvement Program

Savannah Briscoe

Surface Transportation Technical Committee

August 22, 2025

Rail Crossing Improvement Program

Program Overview:

- Funding was approved in the Strategic Transportation Funding Program approved by the RTC in February 2024.
- Improve safety and quality of life near at-grade rail crossings throughout the NCTCOG region.
- Identify *low-cost* solutions for crossings in disrepair by working with cities, counties, and TxDOT.
- NCTCOG staff reviewed at-grade crossings across the region based on the specified evaluation criteria.
- Not for high-cost solutions such as grade separations.



Courtesy of NCTCOG



Rail Crossing Improvement Program

Funding Details:

Rail Crossing Improvement Funding				
Project Corridor	Regional Toll Revenue	Local Match	Total	Allocation
West	\$3.1 Million	\$.775 Million	\$3.875 Million	31%
East	\$6.9 Million	\$1.725 Million	\$8.625 Million	69%
Total	\$10 Million	\$2.5 Million	\$12.5 Million	100%

Regional Toll Revenue funding from West Set-Aside and Dallas RTR accounts



Evaluation Criteria

Input from local governments, TxDOT, railroads

Direct observation from site visits

Quantitative information (from Federal Railroad Administration)

- Number of Vehicles per Day
- Trains per Day
- Train Speed
- Crossing Incidents

Qualitative information

- Active Warning Devices
- Static Warning Devices
- Supplemental Safety Measures
- Observed Conditions

Sample Observation:



Courtesy of NCTCOG



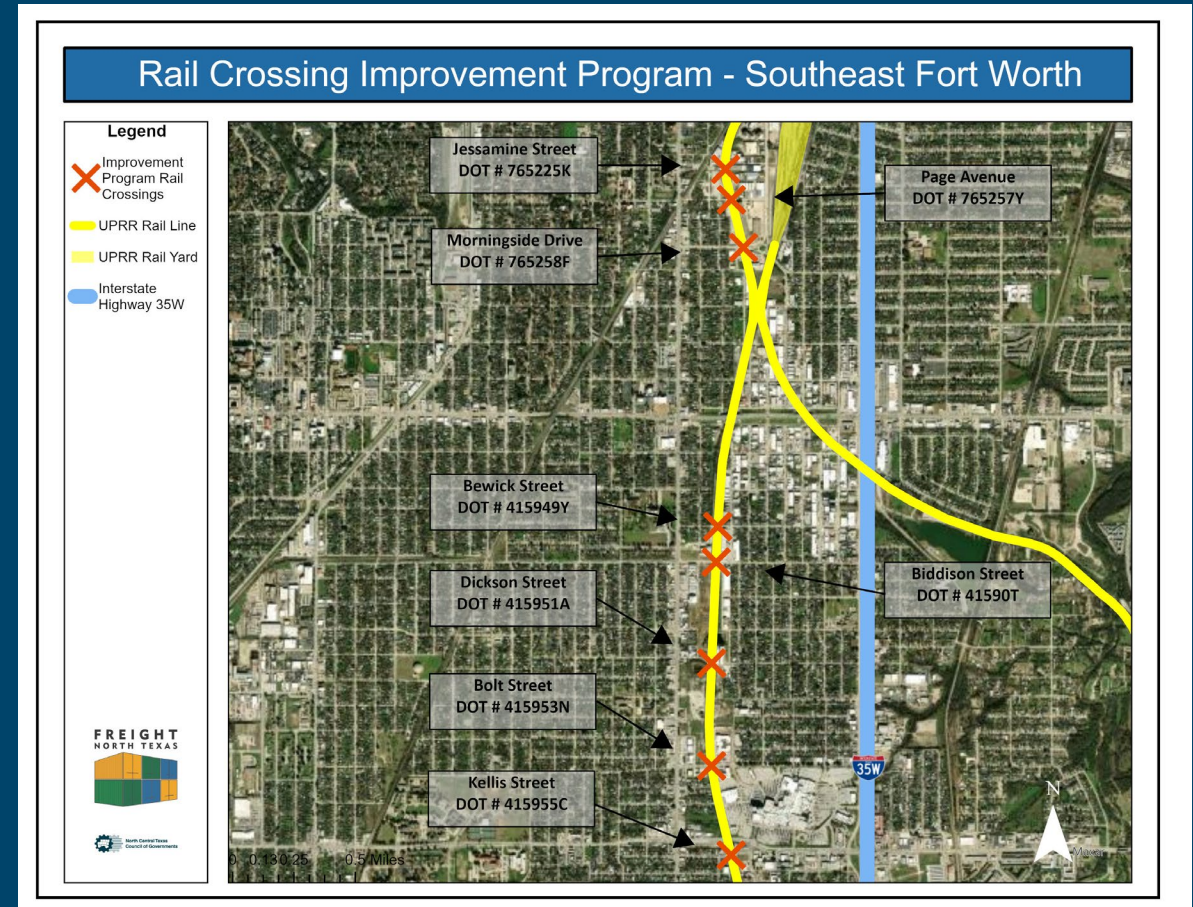
Corridor 1 - Fort Worth Union Pacific RR from Kellis to Jessamine

Crossings Identified:

- Kellis Street
- Bolt Street
- Dickson Street
- Biddison Street
- Bewick Street
- Morningside Drive
- Page Avenue
- Jessamine Street

Analysis Results:

Issues included high AADT, rail crossing incidents, and geometry issues seen at these crossings



Courtesy of NCTCOG



Corridor 1 Recommendations

Supplement Existing City of Fort Worth Effort at:

- Kellis Street - Quiet Zone and Safety Improvements
- Bolt Street - Quiet Zone and Safety Improvements
- Dickson Street - Quiet Zone and Safety Improvements
- Biddison Street - Quiet Zone and Safety Improvements
- Bewick Street - Quiet Zone and Safety Improvements

Fund Additional Crossing safety improvements at:

- Morningside Drive - Quiet Zone and Safety Improvements
- Page Avenue - Crossing Closure
- Jessamine Street - Quiet Zone and Safety Improvements



Courtesy of NCTCOG



Corridor 2 - Dallas Union Pacific RR from Vilbig to East Jefferson

Crossings Identified:

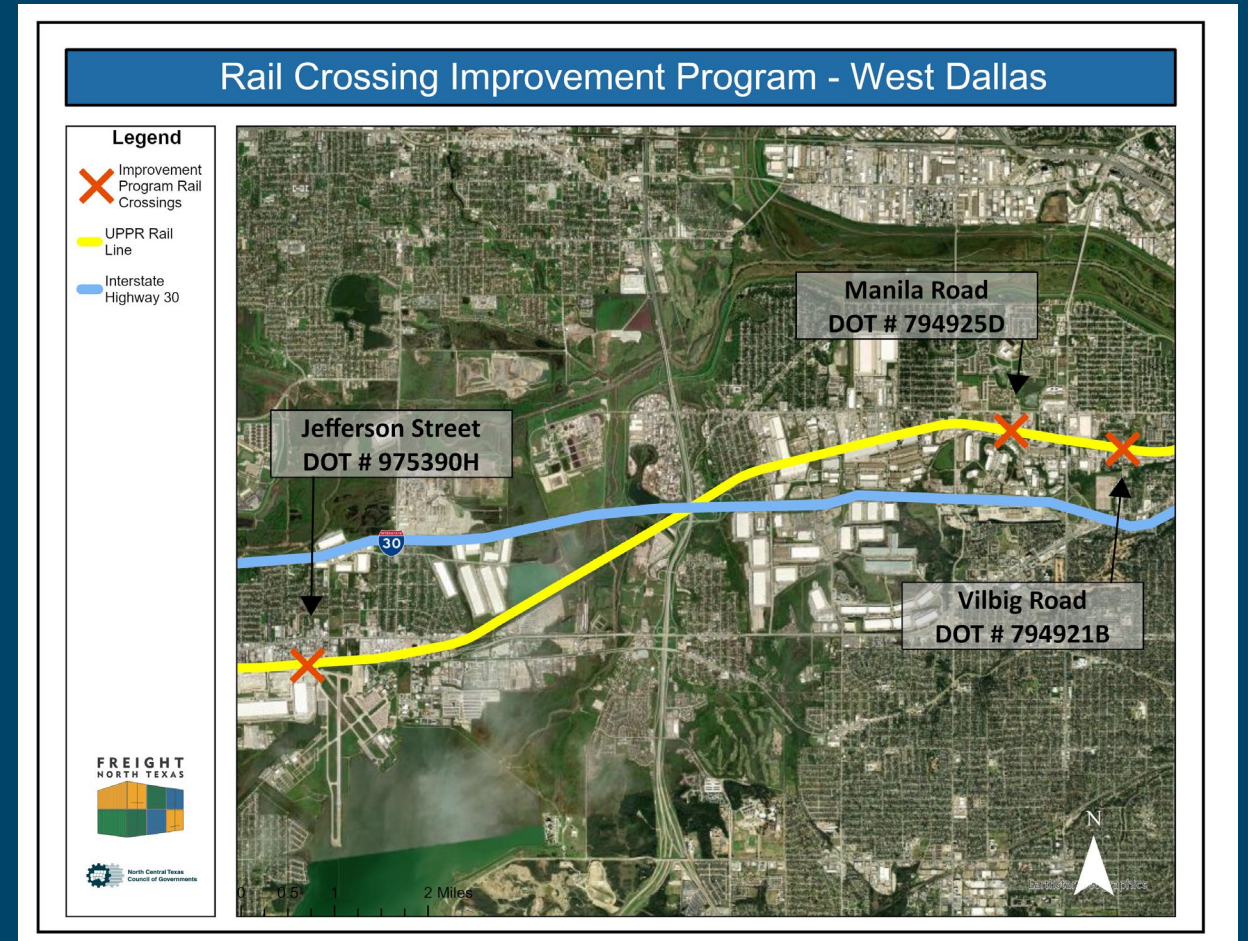
- Vilbig Road
- East Jefferson Street
- Manilla Road

Analysis Results:

Issues included high AADT, rail crossing incidents, and geometry issues seen at these crossings

Fund crossing closure and safety improvements :

- Vilbig Road - Crossing Closure
- East Jefferson Street - Safety Improvements
- Manilla Road - Safety Improvements



Courtesy of NCTCOG



Requested Action Schedule

August 22, 2025

STTC Action Item

September 11, 2025

RTC Action Item

October 13, 2025

October Public Meeting

October 23, 2025

Executive Board Endorsement (Approval)



REQUESTED ACTION – Rail Crossing Improvement Program Funding

Recommendation for RTC approval of:

The allocation of Regional Toll Revenue for:

- Corridor 1 - City of Fort Worth Rail Crossings - \$3.1 Million
- Corridor 2 - City of Dallas Rail Crossings - \$6.9 Million

Administratively amending the Transportation Improvement Program (TIP)/Statewide Transportation Improvement Program (STIP) and updating any administrative and/or planning documents as needed to incorporate the Rail Crossing Improvement Program.

Regional Toll Revenue funding will be from the West Set-Aside account and the Dallas account

STTC Action Item – August 22, 2025



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CHANGING MOBILITY

DATA, INSIGHTS, AND DELIVERING INNOVATIVE
PROJECTS DURING COVID RECOVERY

August 2025

Michael Morris, P.E.
Director of Transportation

TRAVEL BEHAVIOR BY MODE



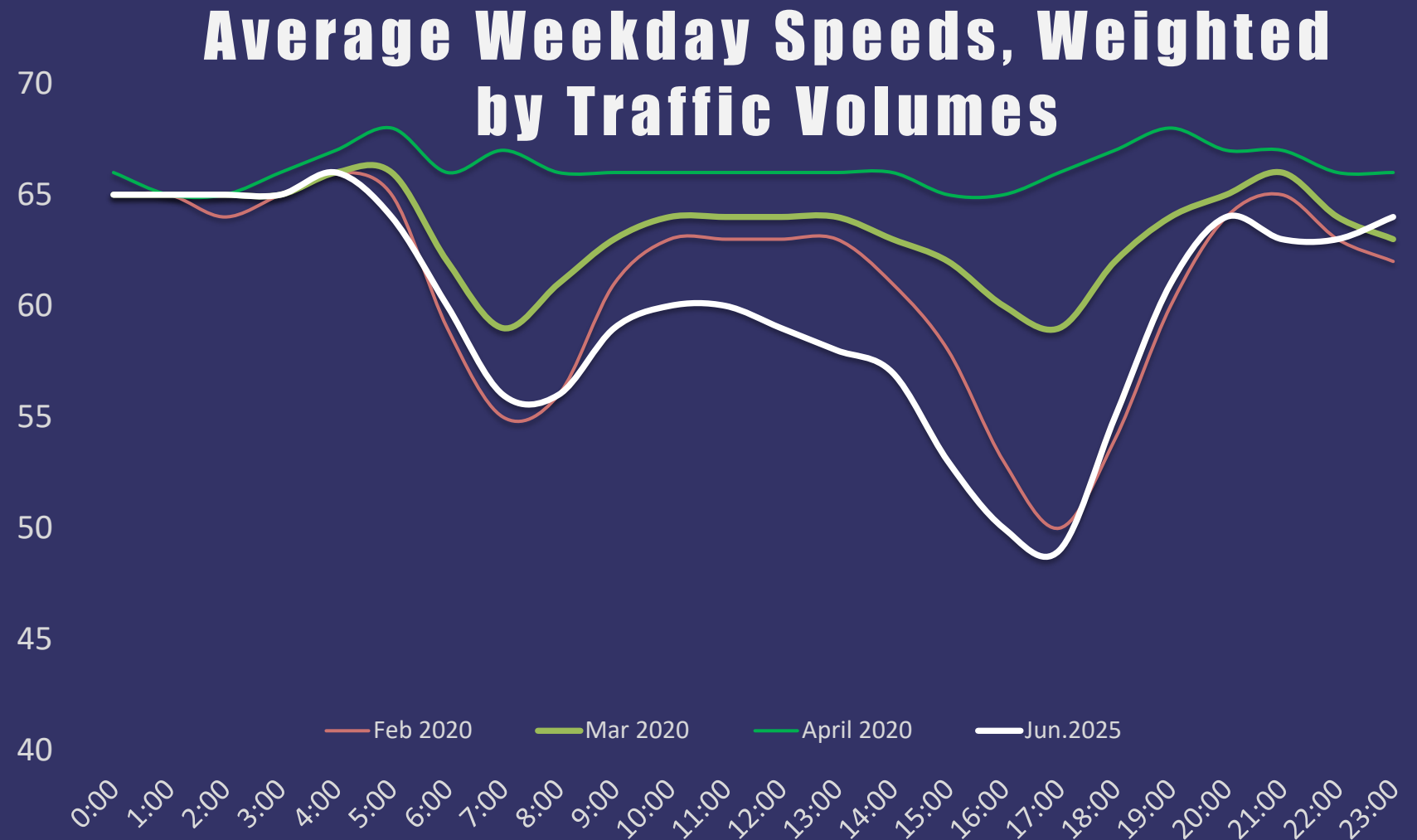
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Transit Ridership (-26%, June)



ROADWAY TRENDS

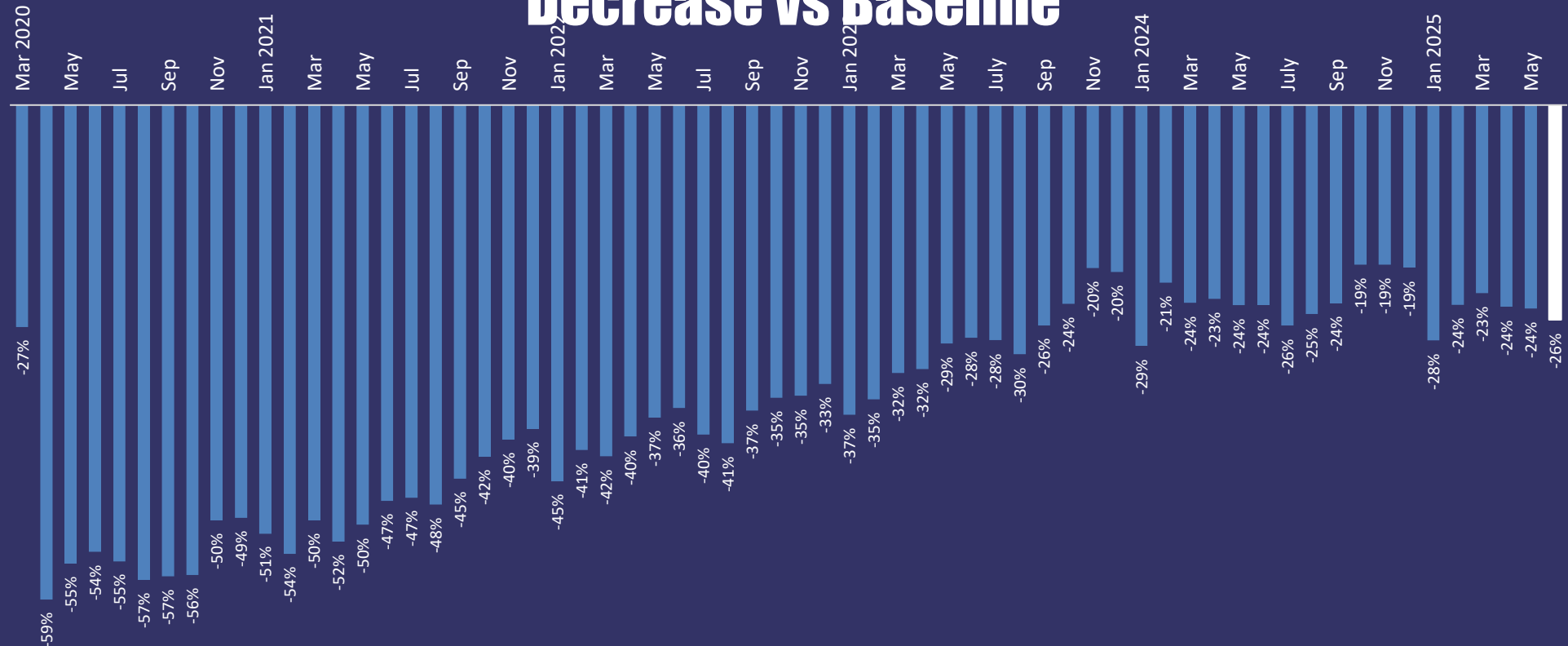
Regional Average
Freeway Speeds



TRANSIT IMPACTS

Rail, Bus and On Demand Weekday Ridership

WEEKDAY Rail, Bus and On Demand Passenger Decrease vs Baseline



Includes On-Demand services: GoLink, ZipZones, GoZone and VIA

Source: DART, DCTA, Trinity Metro, and VIA Arlington

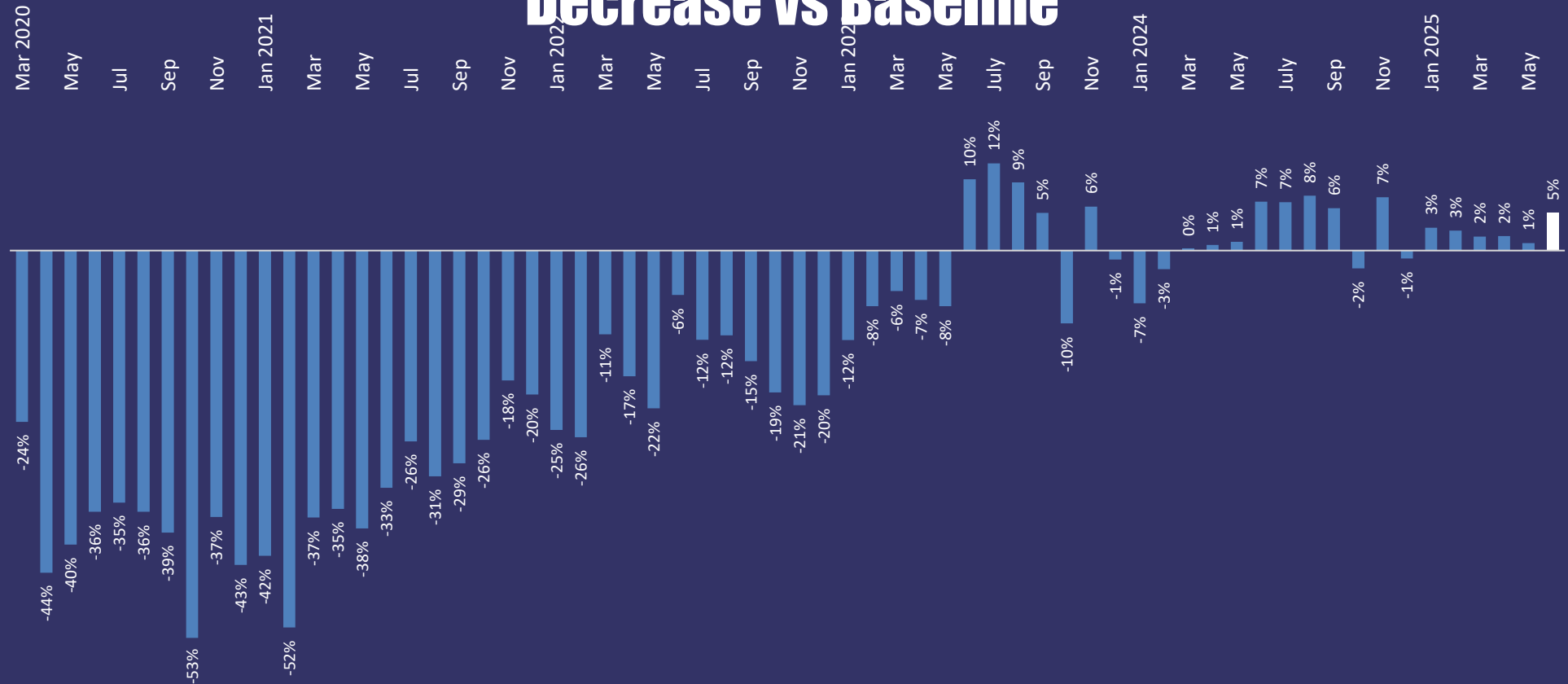
Note: Baseline is March 2019-February 2020.

Note: Transit ridership impacted in Feb 2021 by week-long winter storm.

TRANSIT IMPACTS

Rail, Bus and On Demand Weekday Ridership

WEEKEND Rail, Bus and On Demand Passenger Decrease vs Baseline



Includes On-Demand services: GoLink, ZipZones, GoZone and VIA

Source: DART, DCTA, Trinity Metro, and VIA Arlington

Note: Baseline is March 2019-February 2020.

Note: Transit ridership impacted in Feb 2021 by week-long winter storm.

Note: October ridership numbers are compared against the 2019 baseline that included high ridership for the State Fair.



NCTCOG PRESENTATION

2025 TxDOT TRAVEL SURVEYS IN THE DALLAS-FORT WORTH METROPOLITAN PLANNING AREA

Arash Mirzaei | Surface Transportation
Technical Committee | 8.22.2025



NCTCOG SURVEY BACKGROUND

Purpose – Enabling development of the Regional Travel Model

Frequency – Each decade: 1995, 2008, 2015, 2025

Travel Surveys/Studies:

1. Household Travel Survey
2. Workplace/Special Generator Survey/Study
3. Commercial Vehicle Survey/Study
4. Transit On-Board Survey
5. Airport Passenger Survey/Study
6. External Trip Study



CURRENTLY PLANNED DATA COLLECTIONS

- 2022-2023 Transit On-Board Survey
- 2025 Household Travel Survey
- 2025 Workplace and Special Generator Surveys
- 2025 Commercial Vehicle Survey
- 2026 *Truck Study*
- 2026 *External Study*
- 2026 *Airport Survey/Study*



PROJECT TEAM



Project Sponsor



TxDOT Inter-Agency Partner



Metropolitan Planning Organization



HOUSEHOLD TRAVEL SURVEY

- Survey covers 12-county metropolitan planning area.
- Target Goal: 12,000 Households
- Randomly selected households from an address-based sample are mailed a postcard requesting participation.
- Households are asked to record travel for 24 hours, on an assigned weekday, during the school year.



WORKPLACE SURVEY

Randomly contact businesses via a mailed letter and follow-up phone call.

Target Goal: 710 Workplaces

Partial Survey (50%):

- Pedestrian counts
- Vehicle counts

Full Survey (50%):

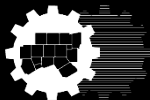
- Pedestrian counts
- Vehicle counts
- Intercept interviews with visitors and staff



SPECIAL GENERATOR SURVEY

At four selected locations, a special generator survey will be conducted that will includes intercept surveys and counts.

- University of Texas at Dallas
- NorthPark Center Shopping
- Tarrant County College – South Campus
- AllianceTexas Inland Port (counts only)



COMMERCIAL VEHICLE SURVEY

- Randomly contact businesses via letter and phone call.
- Target Goal: 300 Class 1 commercial vehicles
(Passenger Cars, Pickups, Vans, SUVs)
- Drivers are asked to record travel for one day.

Data for medium- and heavy-duty trucks will be gathered in a different study.



SURVEY SCHEDULE AND BUDGET

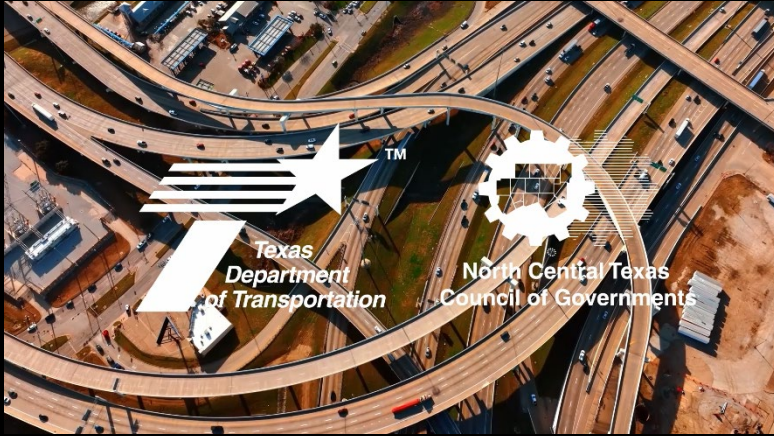
- Project Kickoff: February 2025
- Pilot Survey: March 2025
- Main Survey Data Collection: Begins August 2025
- Expected Completion: 2027

Overall Cost: approximately \$4.5 million

Funding Source: TxDOT TP&P



NCTCOG SURVEY AWARENESS VIDEO



NCTCOG Survey Website: <https://www.nctcog.org/householdsurvey>



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