CHANGING MOBILITY DATA, INSIGHTS, AND DELIVERING INNOVATIVE PROJECTS DURING COVID RECOVERY

August 2024

Michael Morris, P.E. Director of Transportation

TRAVEL BEHAVIOR BY MODE

Airport Passengers (+18%, Jun) Toll Road (+13%, Apr) Managed Lanes (24%, Jun)

Transit Ridership (-28%, Jun)

ROADWAY TRENDS

Regional Average Freeway Speeds



Source: TxDOT Sidefire Devices

Weekday Ridership



Source: DART, DCTA, and Trinity Metro Note: Baseline is March 2019-February 2020. Note: Transit ridership impacted in Feb 2021 by week-long winter storm.

Passenger Decrease vs Baseline

<u>AIRPORT TRENDS</u>

Passengers

Change in Airport Passengers vs Baseline



Source: Dallas Love Field and DFWIA Websites Note: Baseline is March 2019-February 2020. Note: Airlines experienced many flight cancellations in Dec. 2021 due to omicron variant affecting staff.

FUNDING IMPACT NTTA Transactions

Change in Tollway Transactions vs Baseline



FUNDING IMPACT I-35E TEXpress Lane Transactions

Change in Tollway Transactions vs Baseline



Source: Texas Department of Transportation Notes: Baseline is March 2019-February 2020. Note: Drop in transactions in Feb 2021 due in large part to week-long winter storm.

2025 UNIFIED TRANSPORTATION PROGRAM AND REGIONAL 10-YEAR PLAN UPDATE

Regional Transportation Council August 8, 2024



transdev

BACKGROUND

- Texas House Bill 20 requires that Metropolitan Planning Organizations (MPO) develop 10-Year Plans using performance-based planning and project selection methods
- Includes projects funded with:
 - Category 2 (MPO selected)
 - Category 4 (TxDOT District selected)
 - Category 12 (Texas Transportation Commission [TTC] selected)
- The Regional 10-Year Plan was originally approved by the Regional Transportation Council (RTC) in December 2016
- This plan is updated annually in conjunction with the development of TxDOT's Unified Transportation Program (UTP)

PRINCIPLES FOR THE DEVELOPMENT OF THE REGIONAL 10-YEAR PLAN

- Project should be included in the Metropolitan Transportation Plan
- Focus on "system" versus new, stand-alone projects
- Fully fund existing projects before funding new projects (with a focus on projects letting in the next 2-3 years)
- Ensure equity of county allocations
- Maintain toll lanes/toll managed lanes on selected corridors
- Re-fund previously unfunded projects, when possible
- Ensure all RTC projects are approved in 2025 UTP (including "placeholders")
- Projects must be scored and should have a score sufficient to qualify for funding

REGIONAL FUNDING ALLOCATIONS FOR 2017-2025 UTPs

Funding Category*	2017 UTP	2018 UTP	2019 UTP	2020 UTP	2021 UTP	2022 UTP	2023 UTP	2024 UTP	2025 UTP (Proposed)
Category 2	\$3.784	\$3.607	\$3.832	\$3.516	\$2.913	\$2.931	\$3.205	\$3.470	\$3.448
Category 4	\$0.830	\$1.553	\$1.637	\$1.537	\$1.340	\$1.348	\$1.593	\$2.341	\$2.626
Category 12	\$0.812	\$2.130	\$1.395	\$3.041	\$3.089	\$2.601	\$3.132	\$4.082	\$3.626
Total Allocation	\$5.426	\$7.290	\$6.864	\$8.094	\$7.342	\$6.880	\$7.930	\$9.893	\$9.700

* Amounts shown in billions

PROJECT PROGRESS SINCE THE 2017 UTP

Project Status	Number of Projects	Total UTP Funding
Completed	30	\$831,018,974
Under Construction	94	\$7,531,751,550
Future Projects	152	\$8,938,420,916
Total	276	\$17,301,191,440

Dallas-Fort Worth Regional 10 Year Plan Projects FY 2017 - FY 2034



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Recently Completed & Active Capacity Transportation Projects including 10 Year Plan Projects



ACTION REQUESTED

- RTC approval of:
 - The Regional 10-Year Plan project listing, including the proposed changes on the "Planned Projects" and "Let or Completed Project" listings
 - Administratively amending the Transportation Improvement Program (TIP)/Statewide Transportation Improvement Program (STIP) and other planning/administrative documents as needed to incorporate these changes

TIMELINE/ACTION

MEETING/TASK	DATE
Funding Targets Received	January 30, 2024
Initial draft list due to TxDOT	February 16, 2024
STTC Information	June 28, 2024
RTC Information	July 11, 2024
Public Involvement	July 2024
STTC Action	July 26, 2024
RTC Action	August 8, 2024
TxDOT Public Involvement for 2025 UTP	July and August 2024
Anticipated TTC Approval of 2025 UTP	August 2024

CONTACT/QUESTIONS?

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HIGH-SPEED TRANSPORTATION Dallas-Fort Worth

North Central Texas Council of Governments

August 8, 2024 – Regional Transportation Council

Proposed Network of Preferred Routes Seattle Washington **Dallas-Fort Worth** Maine North Dakota Minnesota Bismarck Vermont Future Central Hub for National Rail Network Hampshire Massachusetts Albany Boston Pocatello New York Rhode Island Buffalo Casper Wyoming -New Haven Sioux Falls Milwaukee Detroit -Connecticut Cleveland Pennsylvania -New York City lowa Chicago, Pittsburgh Sacramento -Philadelphia Nebraska Salt Lake City Reno Des Moines Ohio Omaha Indiana New Jersev Cheyenne Delaware San Francisco Nevada Indianapolis -Washington DC Columbus Merced Kansas Utah Illinois -I orton Cincinnati City Grand Junction Ashland St Louis California Kansas Lynchburg Petersburg Colorado ouisville Roanoke Newton Virgini Bakersfield Las Vegas Kentucky Trinidad Barstow North Flagstaff Charlotte Nashville Carolina Tulsa Oklahoma Albuquerque Tennesse Los Angeles Chattanooga Oklahoma . Memphis City Little Rock Legend Phoenix Amarill Yuma Atlanta **Baseline Network** South Arizona Birmingham Arkansas New Mexico Carolina Long-Distance, Northeast Corridor, State-Supported, Tucson Dallas/ Savannah **Baseline Projects** Fort Worth Marshall Meridian Georgia Midland Jackson Montgomery El Paso **Presented at Regional Preferred Routes** Chicago – Miami Working Group Meetings Mobil Jacksonville Dallas/Fort Worth – Miam Texas February 2024 Denver – Houston Tallahassee isacola Los Angeles – Denver **Baton Rouge** Phoenix - Minneapolis/St. Paul Further analysis and identification New Orleans Dallas/Fort Worth - New York Orlando of funding after completion of this Houston Houston - New York San Antonio Tampa Seattle – Denver study would be necessary to San Antonio – Minneapolis/St. Paul advance the preferred routes San Francisco – Dallas/Fort Worth Detroit – New Orleans through project planning and Denver – Minneapolis/St. Paul project development activities Seattle – Chicago Dallas/Fort Worth – Atlanta prior to implementation. El Paso – Billings



U.S. Department of Transportation Federal Railroad Administration *Potentially 6 new long-distance routes through Dallas-Fort Worth identified in FRA's Long-Distance Service Study





Alignment for NEPA Review (Early 2024)





COMMERCE ST



Potential Connections between Points of Interest in Downtown Dallas

	Connections between Points of Interest	2B. Elevated - East of Hyatt Regency Hotel <u>with Pedestrian Lobby</u> (Shown at 3/6/24 Dallas City Council)	Family of Elevated Alignments <u>West of Downtown</u> (7/11/24 RTC Workshop)
6	Hyatt Regency Hotel to Union Station	\checkmark	\bigotimes
5	Convention Center to Union Station	✓	\bigotimes
4	Convention Center to Convention Center Hotels	✓	\bigotimes
3	High Speed Rail to Union Station	\checkmark	\bigotimes
2	High Speed Rail to Convention Center Hotels	\checkmark	\bigotimes
1	High Speed Rail to Convention Center	\checkmark	?

Note: Connections between points of interest considered to be direct, air conditioned/comfortable, and ADA accessible

Coordination Following July RTC Workshop





Requested RTC Action to Staff

Dallas Alignment Options

- Concept West of Downtown: Advance engineering and stakeholder coordination
- Alignment East of Hyatt with Pedestrian Lobby (2B): Review opportunities in NEPA to maintain option pending results of Dallas' Economic Impact Study
- Continue advancing High-Speed Rail through NEPA process; coordinate with Federal Transit Administration and Federal Railroad Administration on appropriate process and schedule in NEPA (no significant delays anticipated)

Requested RTC Action to Staff (Continued)

- Amtrak will provide comment / initial concerns on moving away from Alignment Option 2B; Respond to Amtrak's position
- Increase available study budget for consultant team to accomplish actions listed above
 - Currently approved: \$12,099,657 (STBG)
 - Seeking approval of additional \$1,650,343 (STBG)



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North Central Texas Council of Governments

Safe Streets and Roads for All Grant Submission

Regional Transportation Council 08.08.2024

Karla Windsor

Safe Streets & Roads for All (SS4A) Grant Program

Created through the Bipartisan Infrastructure Law (BIL)

- Purpose: prevent deaths and serious injuries on our roadways
 - Focus on comprehensive safety action planning and implementing projects/strategies identified in safety action plans
- □ \$1.26B for FY 2024 available

One application per agency allowed each cycle

□ NCTCOG staff would like to pursue a planning project



Safe Streets & Roads for All Grant Program





Safe Streets & Roads for All (SS4A) Grant Program

Three opportunities to submit planning and implementation applications

- Cycle 1: April 4, 2024 planning and demonstration grants
- Cycle 2: May 16, 2024 planning and demonstration grants and implementation grants
- Cycle 3: August 29, 2024 planning and demonstration grants
- NCTCOG applied for Cycle 2 planning and demonstration funding



NCTCOG Regional Active Transportation Safety Grant Application

Advancing Safe Regional Active Transportation Connections to Rail Stations

Conducting in-depth planning and feasibility study to implement regional trail and on-street bikeway alignments that provide safe connections to passenger rail stations in northeast Tarrant County:

Focus of the additional study

- Finalize planned regional alignments for future construction through the cities of Fort Worth, Haltom City, North Richland Hills, and Richland Hills
- Assess safe connections to various TEXRail stations and the Trinity Lakes TRE station
- Assess safe crossings of significant barriers including major arterial roadways, highways, freight railroads, and waterways
- Develop an action plan, schematics, and opinions of construction cost for recommended alignments and safety countermeasures



Highlighted Regional Trail Corridors



Cotton Belt Corridor from Plano to Fort Worth approximately 65.8miles

Cotton Belt Trail Western Extension Study Area



Document Path: I:\Sustainable_Development\ArcGIS\Bike_Ped\Projects\Regional Trail Corridors - GIS\Cotton Belt Corridor\APRX\Cotton Belt Trail-Western Extension\Cotton Belt Trail-Western Extension\Cotton Belt Trail-Western Extension.aprx

Miles

NCTCOG Regional Safe Streets Planning/Demonstration Grant Application Anticipated Budget

Total	Federal	Non-Federal	Match
Planning Budget	(SS4A)	Match	Source
\$2,000,000	\$1,600,000	\$400,000	RTC Local


Schedule

Date	Milestone
March 1, 2024	NOFO Released
August 8, 2024	RTC Action
August 22, 2024	Executive Board
August 23, 2024	STTC Action (Endorsement)
August 29, 2024	Applications Due



Requested Action

- Approve the NCTCOG planning grant application for the FY 2024 Safe Streets and Roads for All (SS4A) Discretionary Grant program.
- Approve the use of \$400,000 in Regional Transportation Council Local funds for non-federal match should the project be selected for funding.
- Approve staff to administratively amend the TIP/STIP and other planning/administrative documents to incorporate these changes should the project be selected for funding.



CONTACT US

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Regional Transit 2.0: Policy Oversight ("Project Review Committee")

Task	Lead Local Entity	Oversight Members (RTC Members)		Lead	Transit Authority	Lead
		Primary	Secondary	NCTCOG Staff	Lead	Consultant
1 – Project Management	RTC Staff	N/A	N/A	Michael Morris April Leger	DART-Dee Leggett DCTA-Paul Cristina Trinity Metro-Chad Edwards	InfraStrategies McKinsey
2 – Develop Transit Legislative Program	RTC	RTC Committee of the Whole	-	Amanda Wilson Rebekah Gongora	DART-Dee Leggett DCTA-Paul Cristina Trinity Metro-Chad Edwards	InfraStrategies
 3 – Develop Strategies to Increase Transit Authority Membership 	Transportation Authorities	DART, DCTA, Trinity Metro Representatives	Cities/Counties	Karla Windsor	DART-Dee Leggett DCTA-Paul Cristina Trinity Metro-Chad Edwards	InfraStrategies
4 – Develop Collaborations Between Existing Transit Authorities	Transportation Authorities	DART, DCTA, Trinity Metro Representatives	RTC Committee of the Whole	Karla Windsor	DART-Dee Leggett DCTA-Paul Cristina Trinity Metro-Chad Edwards	InfraStrategies
5 – Develop Strategies for Authority Board Partnerships & Teamwork	Transportation Authorities Member Cities	DART, DCTA, Trinity Metro Representatives	DART, DCTA, Trinity Metro Member Cities	Michael Morris	DART-Dee Leggett DCTA-Paul Cristina Trinity Metro-Chad Edwards	McKinsey

Regional Transit 2.0: Policy Oversight ("Project Review Committee") continued

Task	Lead Local Entity	Oversight Members (RTC Members)		Lead NCTCOG	Transit Authority	Lead
		Primary	Secondary	Staff	Lead	Consultant
6 – Develop Strategies for In- Fill Development	Member Cities	DART, DCTA, Trinity Metro Member Cities	DART, DCTA, Trinity Metro Representatives	Karla Windsor	DART-Dee Leggett DCTA-Paul Cristina Trinity Metro-Chad Edwards	InfraStrategies
7 – Review of Fare Collection Strategies	Transportation Authorities	DART, DCTA, Trinity Metro Representatives	Cities/Counties	Amanda Wilson Rebekah Gongora	DART-Dee Leggett DCTA-Paul Cristina Trinity Metro-Chad Edwards	InfraStrategies
8 – Develop Recommendations for Transit Authority/Member City Paradox	Transportation Authorities Member Cities	DART, DCTA, Trinity Metro Representatives	DART, DCTA, Trinity Metro Member Cities	Michael Morris	DART-Dee Leggett DCTA-Paul Cristina Trinity Metro-Chad Edwards	McKinsey
9 – Final Report	RTC Staff	RTC Committee of the Whole	-	All NCTCOG Staff	DART-Dee Leggett DCTA-Paul Cristina Trinity Metro-Chad Edwards	InfraStrategies McKinsey

TOPICS FOR THE 2025 RTC LEGISLATIVE PROGRAM

Adequately Fund Transportation

• Including Regional Transit 2.0 Funding Related Recommendations

Utilize Tools and Expand Transportation Options

 Including Regional Transit 2.0 Non-Funding Related Recommendations (Land Use, Membership, Etc.)

Enhance Safety

Pursue Innovation and Technology

Improve Air Quality





September 12, 2024

Draft RTC Legislative Program presented as an Information Item; Comments Requested

November 5, 2024 General Election for

Federal, State, and County Offices

January 14, 2025 89th Legislature Convenes

TIMELINE

The Regional Transportation Council will be presented with a list of proposed topics to support in advance of the 89th Legislature. Action will be sought in October 2024.



CONTACT US



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NCTCOG Legislative Updates: www.nctcog.org/legislative

Implications to



(The Metropolitan Transportation Plan for North Central Texas) Based on New Demographics

> Regional Transportation Council August 8, 2024



Forecast 2050 Regional Control Totals

	2019	20 Contro	50 ol Total	2019 – 2050 Change	2019 – 2050 % Change	
Population	7,515,038	12,429,673		4,914,635	65.4%	
Employment	5,213,776	8,698,026		3,484,250	66.8%	
2050 Populat	ion/Employment R	latio	1.43			

Source: U.S. Census Bureau, Bureau of Economic Analysis, The Perryman Group, NCTCOG



Forecast 2050 Total Activity





Forecast 2050 Total Activity





2050 Infill















The population living inside a transit authority service area is expected to fall from 48% in 2019 to only 37% by 2050





Timeline to Develop Mobility 2050





Key driver for Mobility 2050 schedule: End of 20-year horizon for 2045 by the end of 2025



Public input reflects awareness of the population growth and its impacts

2,000 + Survey responses through June 2024

- **1,100** + Open-ended responses collected through June 2024
 - **300** + Map Your Experience comments through June 2024

Open-ended survey responses from 1,163 residents to date reveal that the public is feeling frustrated and limited. The top concern is roadways not keeping pace with growth, coupled with the lack of a robust regional transit network and inability to walk or bike.

What should we solve?



Transit and active transportation are the most needed modal investments, according to members of the public









Source: Mobility 2050 non statistically valid survey, n=2,082. Four ranking questions paired with a preference question to gauge how the transportation system is working for people. Totals do not include N/A responses, which are on average 11% of totals for each mode. Because of this exclusion, chart totals do not sum to 100%. Data represent a snapshot in time from November 2023 through May 2024.

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Please share: there is still time to provide input at <u>www.nctcog.org/M50</u>





Emerging policy priorities

What is not changing?

- Continuity of projects over long project development cycles
- Goal themes remain in sync with overall public and policy priority

What are items to examine?

- How to generate infill development/density
- Transit 2.0 guidance for policies to support transit system strategy
- Safety as a priority, including performance measures, modal safety issues, and strategies
- Funding and cost of implementing projects



Thank you – Demographic Forecasting Collaboration

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