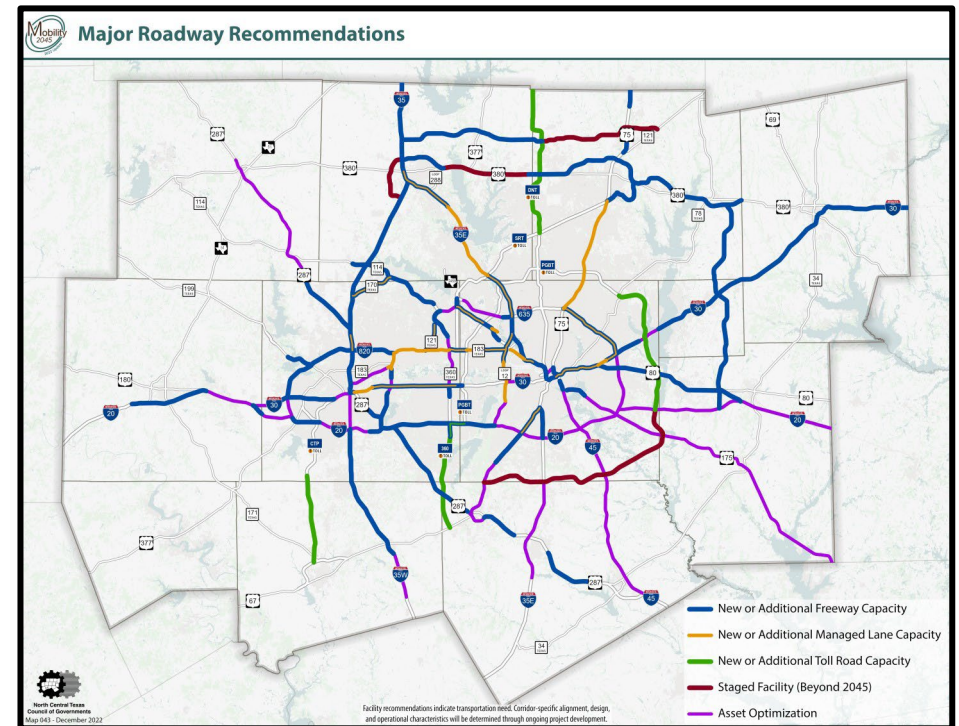
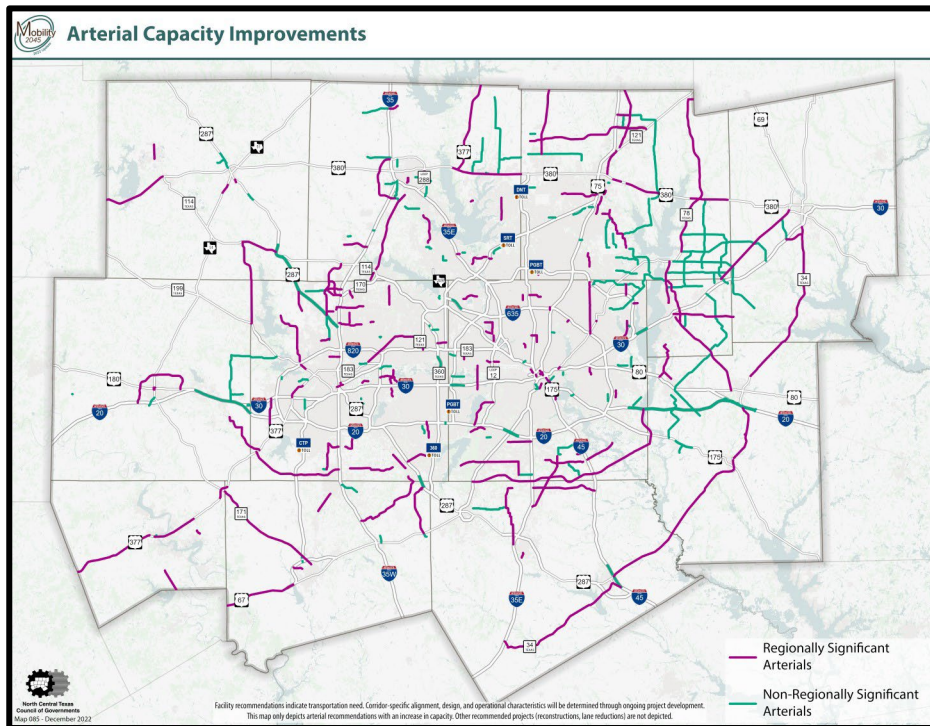


Proposed Amendments to Mobility 2045: The Metropolitan Transportation Plan for North Central Texas - 2022 Update

Non-Regionally Significant Projects

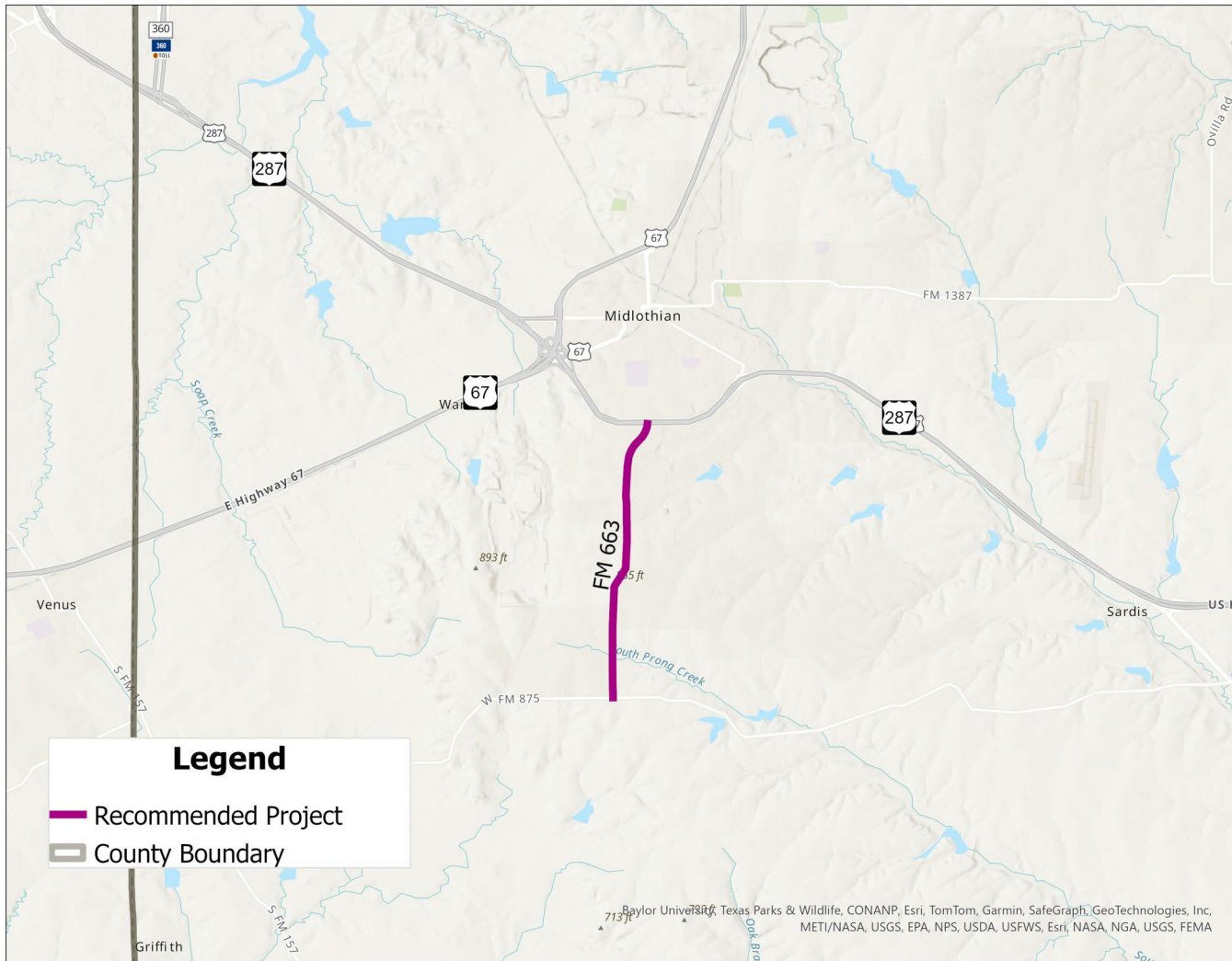


Mobility 2045 - 2022 Update, the region's long-range transportation plan, includes system-level planning and recommendations for the region's roadway network. The Arterial Capacity Improvements (left) and Major Roadway Recommendations (right) presented in the maps above illustrate the system of recommendations included. The Mobility Plan also includes recommendations in the form of policies and programs designed to advance the goals of the Regional Transportation Council resulting in individual projects such as non-regionally significant projects (an air quality designation denoting minimal significance in affecting our region's air quality). Specifically, the Mobility 2045 Update includes recommendations to advance non-regionally significant arterial improvements throughout the region in policy FT3-004 and program NRSA2-001. Please refer to [Chapter 6: Mobility Options](#) for further information on [Mobility 2045 - 2022 Update recommendations](#). The following non-regionally significant arterials are consistent with the system-level recommendations of the Mobility 2045 Update.

Mobility 2045 - 2022 Update Amendment

FM 663

Non-Regionally Significant Project



Reason for Addition: Requested by TxDOT Dallas to advance planning and design activities.

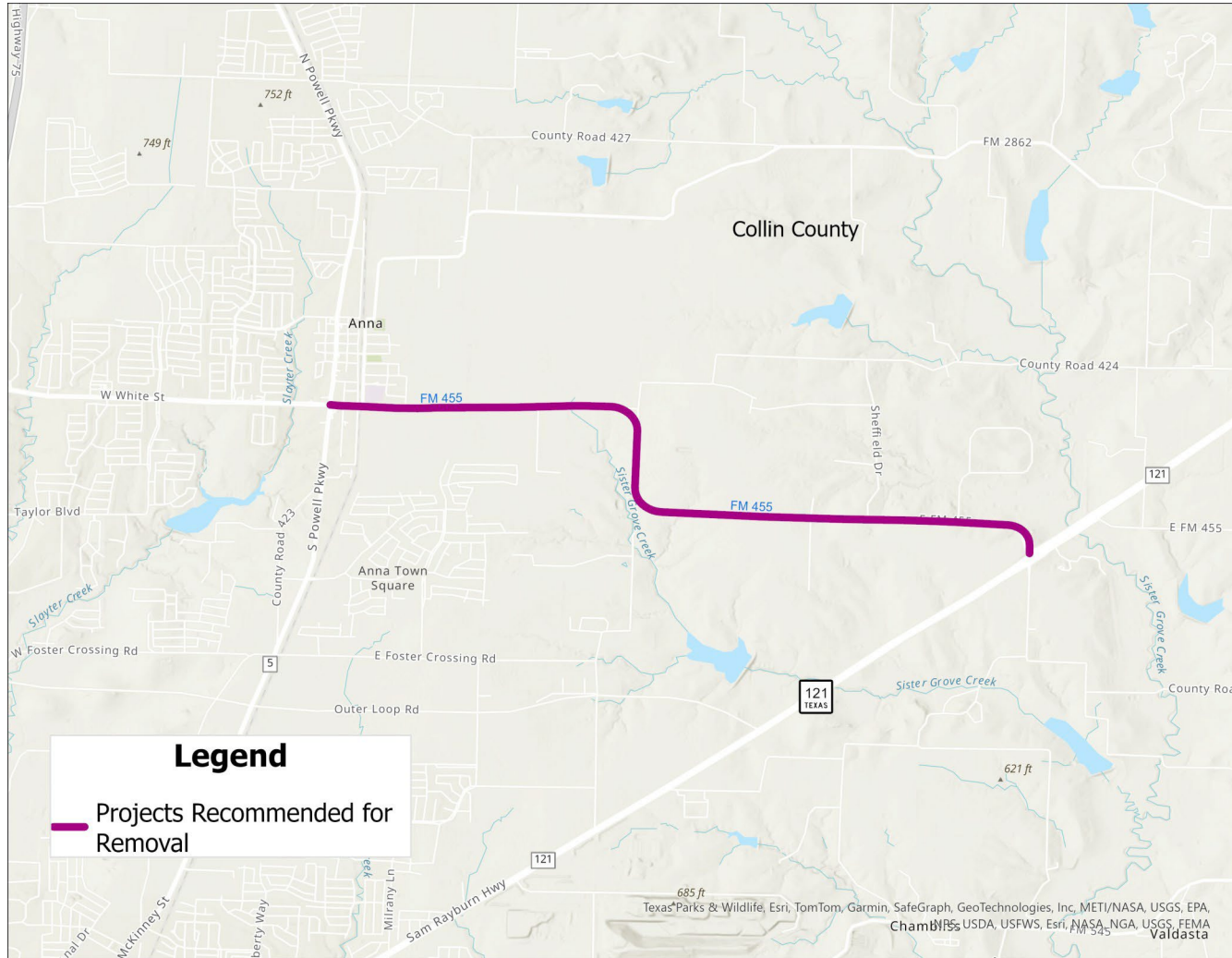
Addition of this project to the Plan does not impact air quality conformity and is financially constrained.

MTP ID	District	CSJ	Facility	From	To	Description	Total Project Cost	FFCS Status
NRSA1-DAL-359	TxDOT Dallas	0815-08-040	FM 663	US 287	FM 875	Reconstruct and widen from 2 lanes to 6 lanes	\$100,000,000	Minor Arterial

Mobility 2045 - 2022 Update Amendment

FM 455 - Request for Removal

Non-Regionally Significant Project



Reason for Removal: Requested by TxDOT Dallas for the Plan to remain financially constrained.

Removal of these projects from the Non-Regionally Significant Arterial project listing does not preclude them from being re-added at a later date.

MTP ID	District	CSJ	Facility	From	To	Description	Total Project Cost	FFCS Status
NRSA1-DAL-51	TxDOT-Dallas	N/A	FM 455	Wildwood Trail	SH 121	Widen facility to 4 lane urban divided (Ultimate 6 lane divided)	\$32,785,494	Major Collector
NRSA1-DAL-306	TxDOT-Dallas	N/A	FM 455	SH 5	East of Wildwood Trail	Widen 2 to 4 lane divided	\$18,758,139	Major Collector



AIR QUALITY AND SAFETY DEMONSTRATION PROJECTS

May 24, 2024

Surface Transportation Technical Committee

Anthony Moffa, Air Quality Planner

North Central Texas Council of Governments

Air Quality and Safety Demonstration Projects

Car Care Safety Integration

- Safety program elimination January 1, 2025
- Roadway safety emphasis through education
- Reduce vehicle crashes

Vehicle Emissions Inspection and License Plate Project (formerly known as License Plate Readers)

- Vehicle paper/temporary registration tags phased out beginning July 1, 2025
- Beginning to see fictitious metal license plates
- Prevent avoidance of annual emissions test and lost revenue

Truck Assessment and Goods Movement Program

- Emissions component tampering
- Potentially massive air quality impacts
- Air chemistry modeling and regional air quality monitors disconnect



Air Quality and Safety Demonstration Projects

Project	Description	Budget	Source
Car Care Safety Integration	<ul style="list-style-type: none"> Public education regarding importance of vehicle safety component operation and maintenance. Partnering with vendors to coordinate replacement of certain vehicle safety components. 	\$200,000	RTC Local Funds
Vehicle Emissions Inspection and License Plate Project	<ul style="list-style-type: none"> Assessment of potential metal license plate fraud in the region. Purchase of license plate reading cameras to gather data, determine rate of fake plates, and next steps. 	\$200,000	Regional Toll Revenue (RTR) Funds
Truck Assessment and Goods Movement Program	<ul style="list-style-type: none"> Emissions tampering evaluation of heavy-duty diesel trucks operating in region. Assessment of severity and impacts to determine options to limit these illegal practices. 	\$600,000	RTR Funds



Schedule

Milestone	Date
STTC Information	April 26, 2024
RTC Information	May 9, 2024
STTC Recommendation for RTC Approval	May 24, 2024
RTC Approval	June 13, 2024
Executive Board Approval through FY24-25 UPWP Amendment #3	July 25, 2024
Implementation	Early FY2025



Air Quality and Safety Demonstration Projects

Requested Action:

Recommendation for RTC Approval* of Funding and Implementing Demonstration Projects

Car Care Safety Integration - \$200,000 RTC Local

License Plate Readers - \$200,000 RTR

Truck Assessment and Goods Movement Program - \$600,000 RTR

Administratively amend Transportation Improvement Programs (TIP) and Statewide TIP, as well as other planning and administrative documents to include the amended funding

*Vote for Approval in Item #3 or Item #4



CONTACT US



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2025-2028 TRANSPORTATION IMPROVEMENT PROGRAM (TIP) DOCUMENT

Surface Transportation Technical Committee
May 24, 2024

WHAT IS THE TIP?

- The Transportation Improvement Program (TIP) is an inventory of funded transportation projects within the metropolitan planning organization (MPO) boundary.
- It is mandated by the federal and state governments and contains regionally significant projects funded with federal, state, and local sources.
- A new TIP is developed every two years and updated on a quarterly basis.

DEVELOPMENT PROCESS

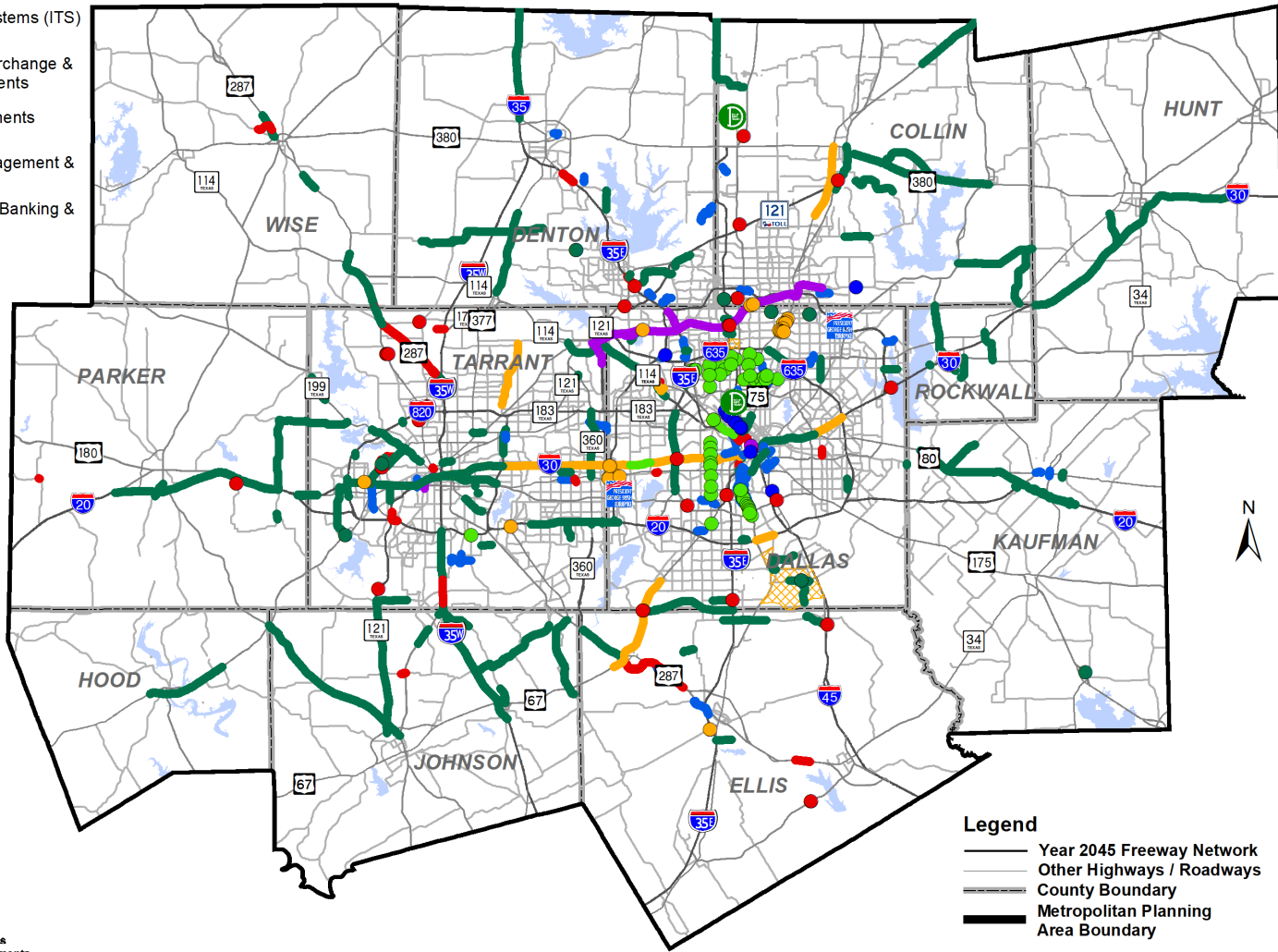
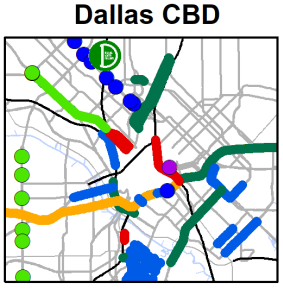
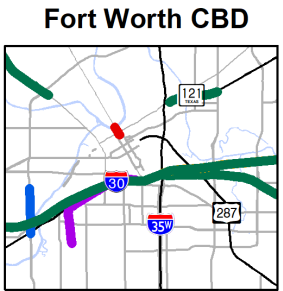
- Review existing projects and gather information on additional locally funded projects
- Make needed revisions to existing project schedules, funding, and/or scope
- Develop revised project listings
- Financially constrain project programming based on estimated future revenues
- Conduct Mobility Plan and Air Quality conformity review
- **Solicit public and Committee/Council input**
- **Submit finalized project listings and document to the Texas Department of Transportation (TxDOT) and Federal Highway Administration (FHWA)**

SCOPE OF PROGRAMMING

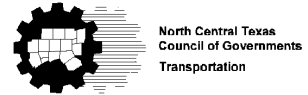
- \$8.42 Billion in the 2025-2028 TIP (Roadway and Transit)
 - \$3.88 Billion in Federal Commitments
 - \$2.13 Billion in State Commitments
 - \$0.28 Billion in Regional Commitments
 - \$1.20 Billion in Local Commitments
 - \$0.93 Billion in Transit Formula Commitments
- 1,132 Active Projects (Roadway and Transit)
 - 681 Active Projects in 2025-2045
- 75 Implementing Agencies (Roadway and Transit)

2025-2028 Transportation Improvement Projects By Project Type

- Project Type**
- █ Roadway Improvements
 - █ Intelligent Transportation Systems (ITS) & Signal Improvements
 - █ Bottleneck, Intersection, Interchange & Grade Separation Improvements
 - █ Bicycle-Pedestrian Improvements
 - █ Management & Operations, Safety, Travel Demand Management & Special Studies
 - █ Transit Improvements, Land Banking & Park and Ride Stations



- Legend**
- Year 2045 Freeway Network
 - Other Highways / Roadways
 - County Boundary
 - Metropolitan Planning Area Boundary



*Some projects are regional in scope and are not displayed as a discrete location on the map.

2025-2028 Funding Status of Transportation Improvement Projects

Phase Type

- Construction Phase
- Engineering and/or ROW Phase Only

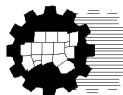
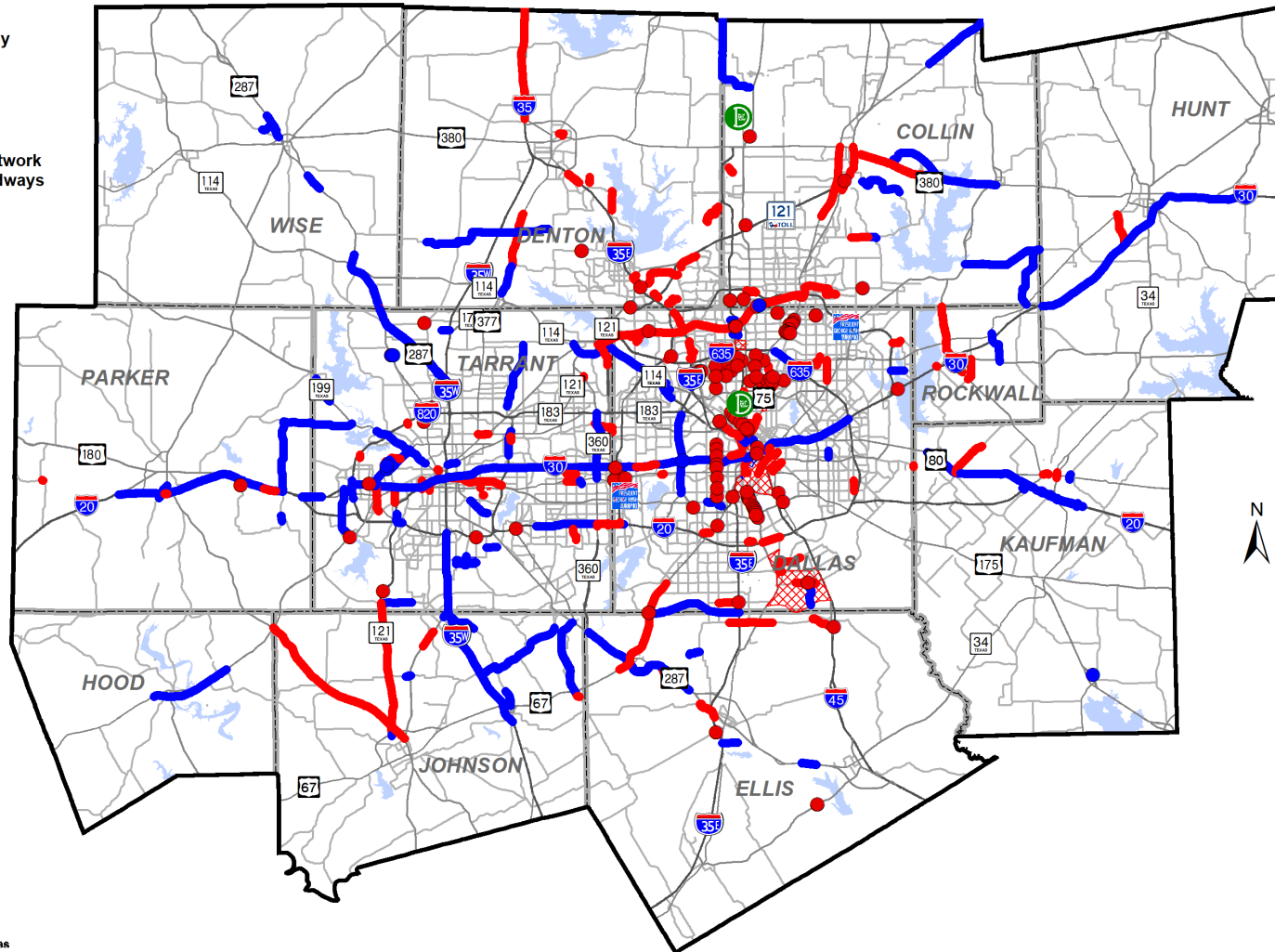
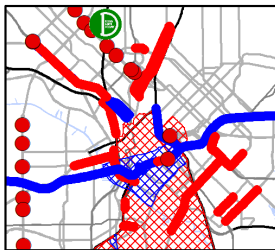
Legend

- Year 2045 Freeway Network
- Other Highways / Roadways
- County Boundary
- Metropolitan Planning Area Boundary

Fort Worth CBD



Dallas CBD



North Central Texas
Council of Governments
Transportation

*Some projects are regional in scope and are not displayed as a discrete location on the map.

REQUESTED ACTION

- Recommend RTC approval of:
 - The 2025-2028 TIP document, including the final TIP listings to be included in the STIP
 - Amending the Unified Planning Working Program (UPWP) and other planning/administrative documents as needed

TIMELINE/ACTION

Meeting/Task	Date
Coordination with Implementing Agencies	August-October 2023
Development of TIP Listings and Document	August 2023-April 2024
Draft Listings - STTC Information	April 2024
Draft Listings - RTC Information	May 2024
Public Meeting - Draft Listings and Document	May 2024
Final Listings and Document - STTC Action	May 2024
Deadline for Providing Public Comments	June 11, 2024
Final Listings and Document - RTC Action	June 2024
Submit Final Document to TxDOT	July 2024
Anticipate TxDOT Commission Approval (for STIP)	August/September 2024
Anticipate Federal/State Approval (STIP)	October/November 2024

QUESTIONS/COMMENTS

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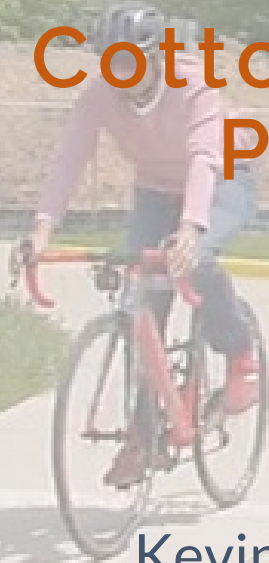
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Active Transportation Infrastructure Investment Program Grant Application

Cotton Belt Trail Phase 3a



Kevin Kokes

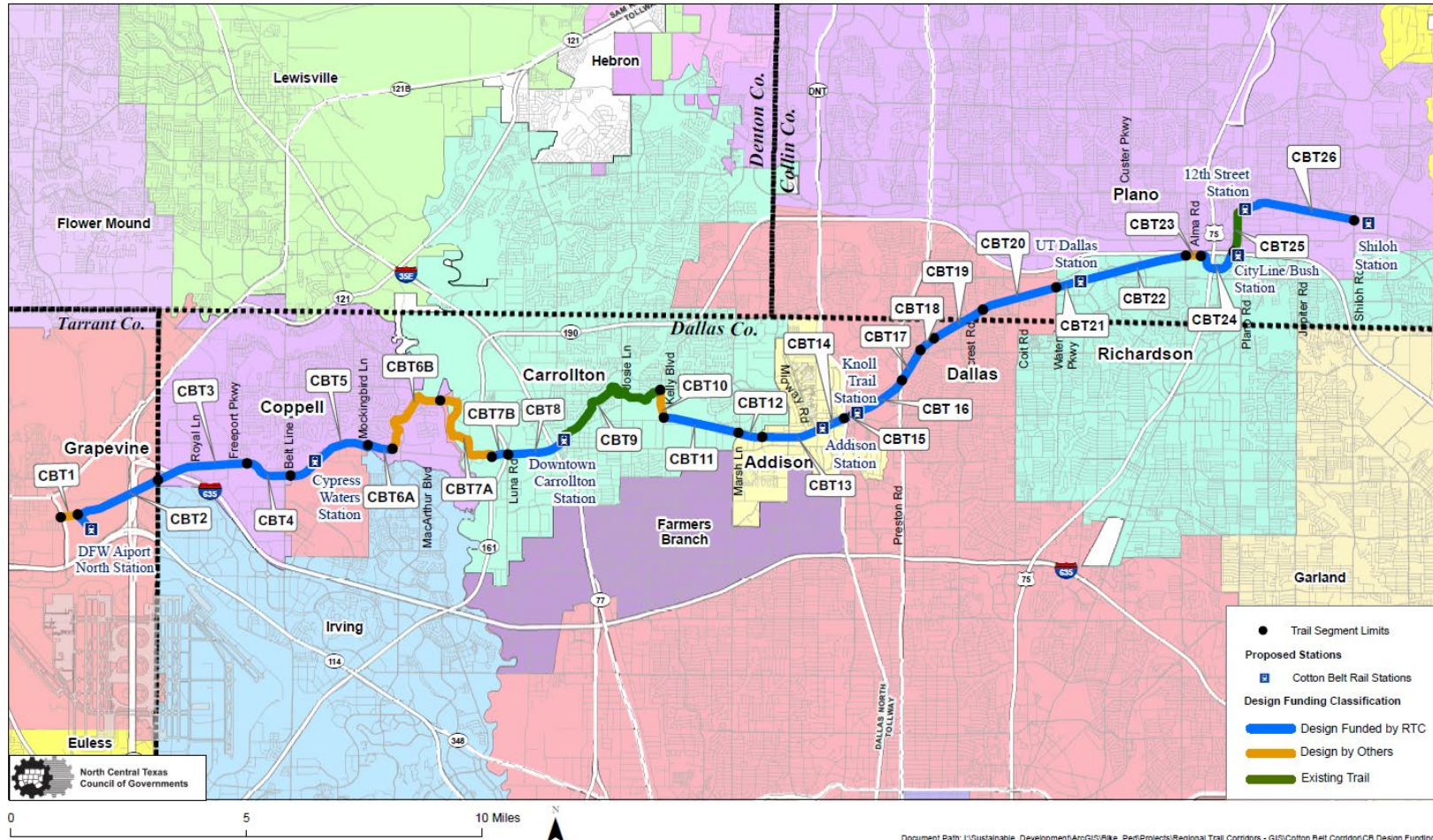
Surface Transportation Technical Committee

May 24, 2024



History

Cotton Belt Regional Veloweb Trail: DFW Airport to Plano
Trail Design Funding



- Regional priority
- Seven cities in three counties
- 24+ miles of trail
- DART partnership to implement with the Silver Line Rail
- Engineering design currently underway
- Increasing construction costs

Phase 1 and Phase 2 Construction

Phase 1 Silver Line Rail Design/Build Contractor: **UNDERWAY**

Critical Bridges in Dallas and Plano

Trail Intersection Crossings of Silver Line Rail line

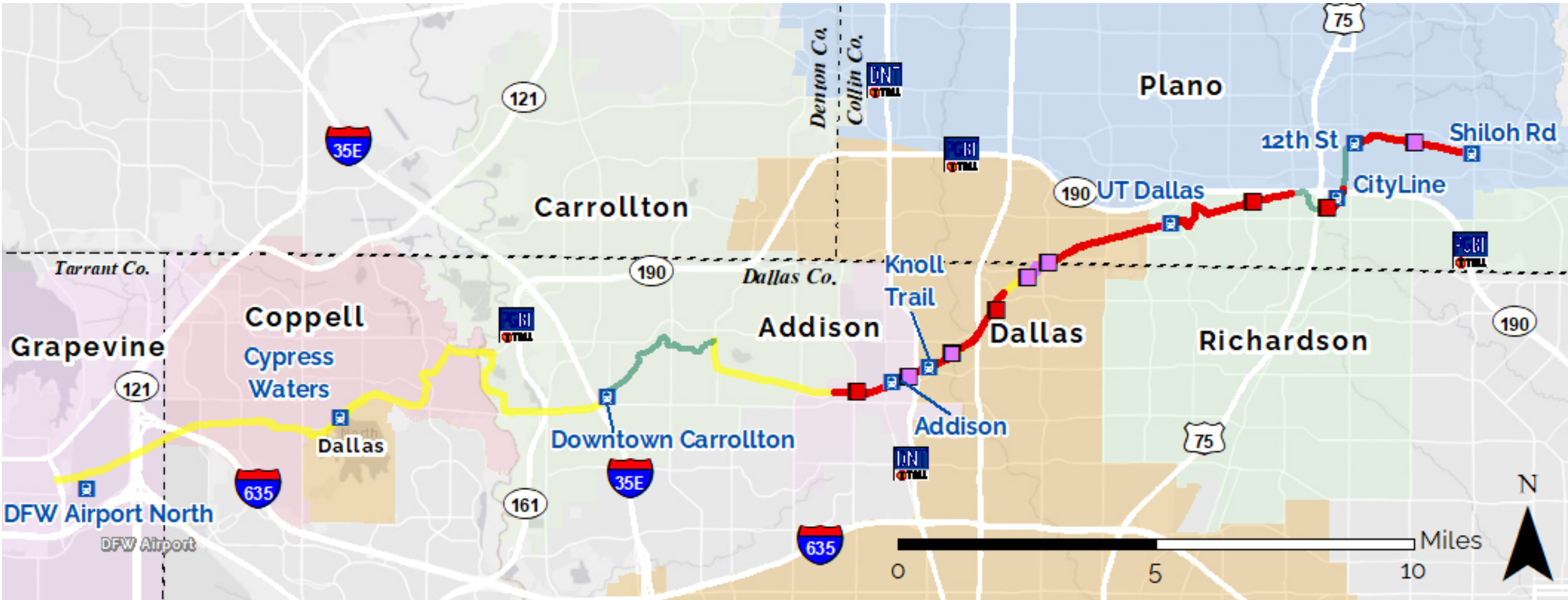
Phase 2 Trail Contractor: **BEGIN LATE 2024**

Funding Approach

Approx. 11 miles of Trail, Bridges and Approaches, and Signals (Addison to Plano)

- Various RTC funding awards 2018-2022
- 2022 NCTCOG TA Call for Projects
- 2023 USDOT RAISE Grant
- 2023 TxDOT Statewide Transportation Alternatives Program Call for Projects

Anticipated Cotton Belt Trail Construction Phasing



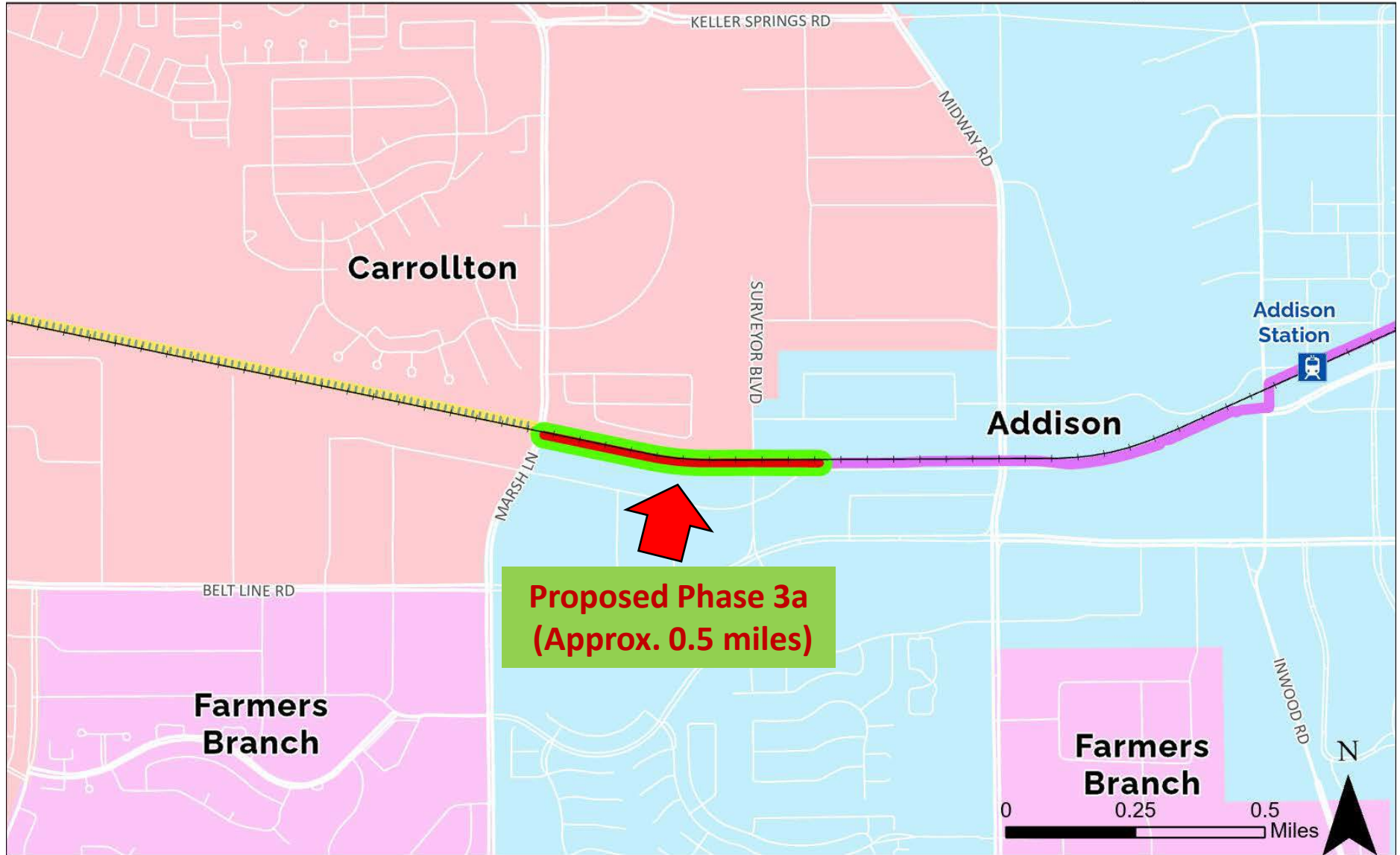
- Existing Trail
- Phase 1: Cotton Belt Trail and Bridges
- Phase 2: Cotton Belt Trail and Bridges
- Phase 3: Cotton Belt Trail and Bridges
- Silver Line Rail Station




Active Transportation Infrastructure Investment Program (ATIIP) Priorities

- Active Transportation “Spines” (e.g., “rail-with-trail”)
- Safety, efficiency, and reliability of active transportation networks and communities;
- Improve connectivity between active transportation modes and public transportation; and
- Improve quality of life in disadvantaged communities through the delivery of connected active transportation networks and expanded mobility opportunities



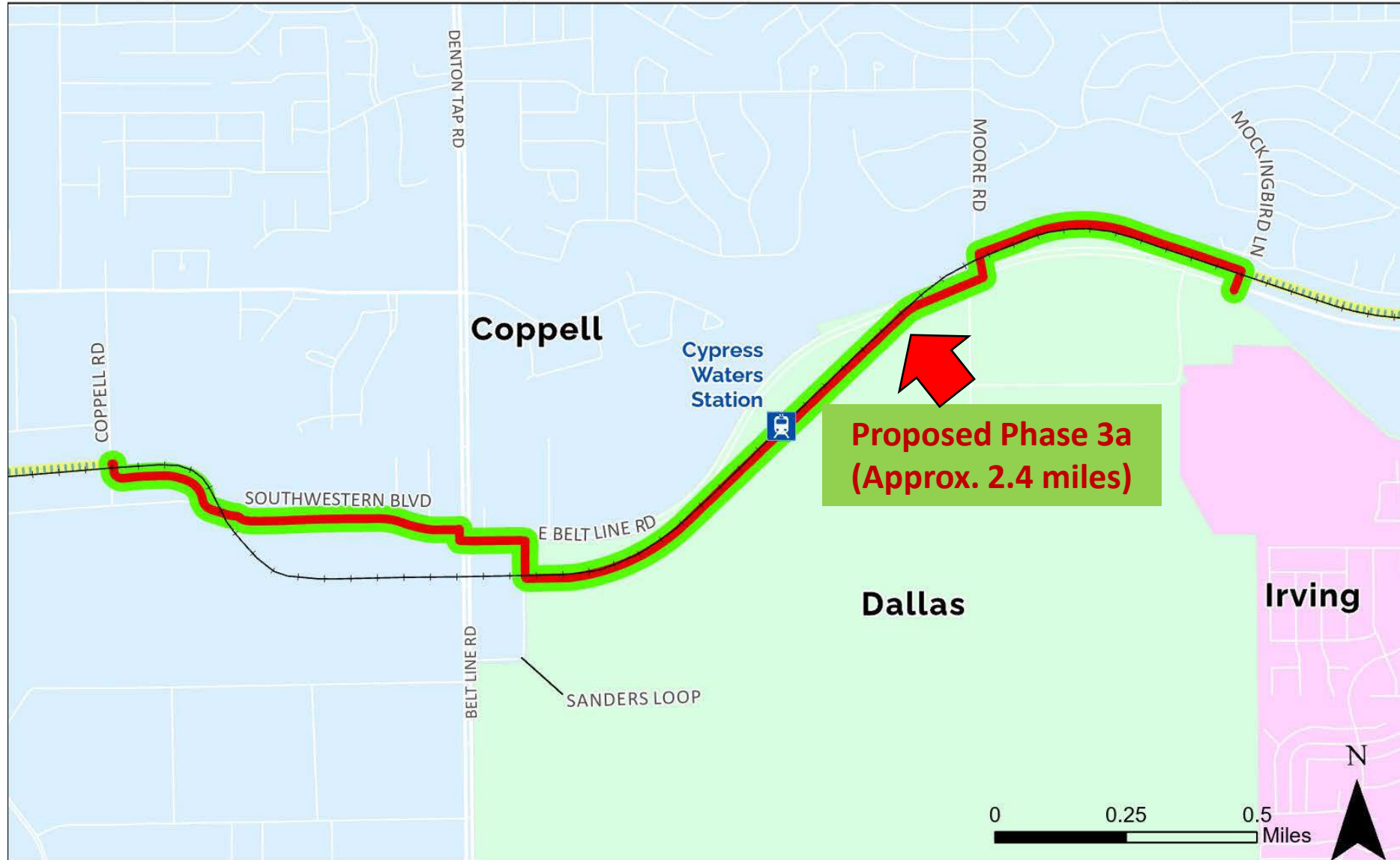
Addison Segment (Marsh Ln to East of Surveyor Blvd)




-  Proposed Phase 3a Segments
-  Phase 2 Segments
-  Trail Designed - To be funded by other sources

-  Silver Line Rail Station
-  Silver Line Rail Under Construction

Coppell/Dallas Segment (Coppell Rd to Mockingbird Ln)



 Proposed Phase 3a Segments

 Trail Designed - To be funded by other sources

 Silver Line Rail Station

 Silver Line Rail Under Construction

Phase 3a: ATIIIP Grant Application (Draft Budget)

PROJECT SCOPE	COST / FUNDING				
DESCRIPTION/LIMITS	TOTAL COST	EXISTING FEDERAL FUNDS (Programmed)	EXISTING LOCAL FUNDS (Programmed)	ATIIP FEDERAL GRANT FUNDS	LOCAL FUNDS (Regional Toll Revenue)
Construct approximately 2.9 miles of trail, bridges, signals, and intersection crossings in Addison, Coppell, and Dallas	\$22,583,558	\$5,059,461	\$1,224,097	\$12.0 M	\$4.3 M

Schedule

Date	Milestone
March 19	NOFO Released
May 24	Surface Transportation Technical Committee Action
June 10	NCTCOG staff finalize grant application materials for DART
June 13	Regional Transportation Council Action
June 17	Grant Application deadline (submittal by DART)

Requested Action

Recommend Regional Transportation Council Approval:

- Support the partnership with DART to submit the FHWA 2024 Active Transportation Infrastructure Investment Program grant application for the Cotton Belt Trail Phase 3a construction requesting \$12 million in federal funding, and the contribution of \$4.3 million Regional Toll Revenue funds for non-federal match should the project be selected for funding award.
- Direct staff to administratively amend the Transportation Improvement Program (TIP), the Statewide TIP and other planning/administrative documents to incorporate these changes, if awarded 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 NCTCOG Staff	Transit Authority Lead	Lead Consultant
		Primary	Secondary			
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 Staff	Transit Authority Lead	Lead Consultant
		Primary	Secondary			
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

Development of 2050 Regional Population and Employment Control Totals

PRESENTED TO SURFACE TRANSPORTATION TECHNICAL COMMITTEE

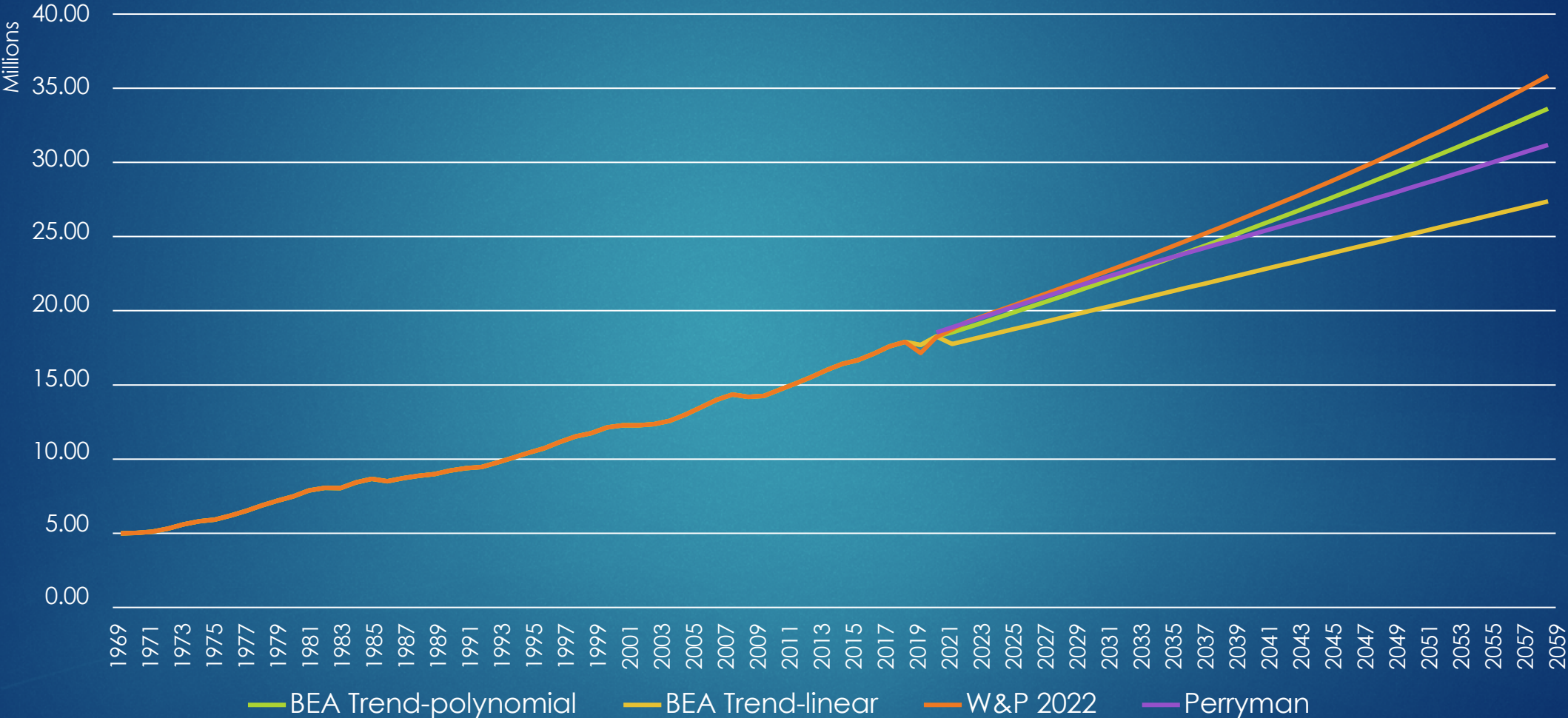
MAY 24TH, 2025

Objective and Actions

- ▶ Review long-range forecasts from Perryman
- ▶ In the absence of specific methodology information, looked at trends of historical data with two fitted models:
 - ▶ Linear model
 - ▶ Polynomial model
- ▶ Looked at projections from other sources:
 - ▶ Woods & Poole (population and employment)
 - ▶ Texas Demographic Center (population)
- ▶ Modeled and projected P/E ratios and constructed household population and employment, separately, by applying projected P/E ratios

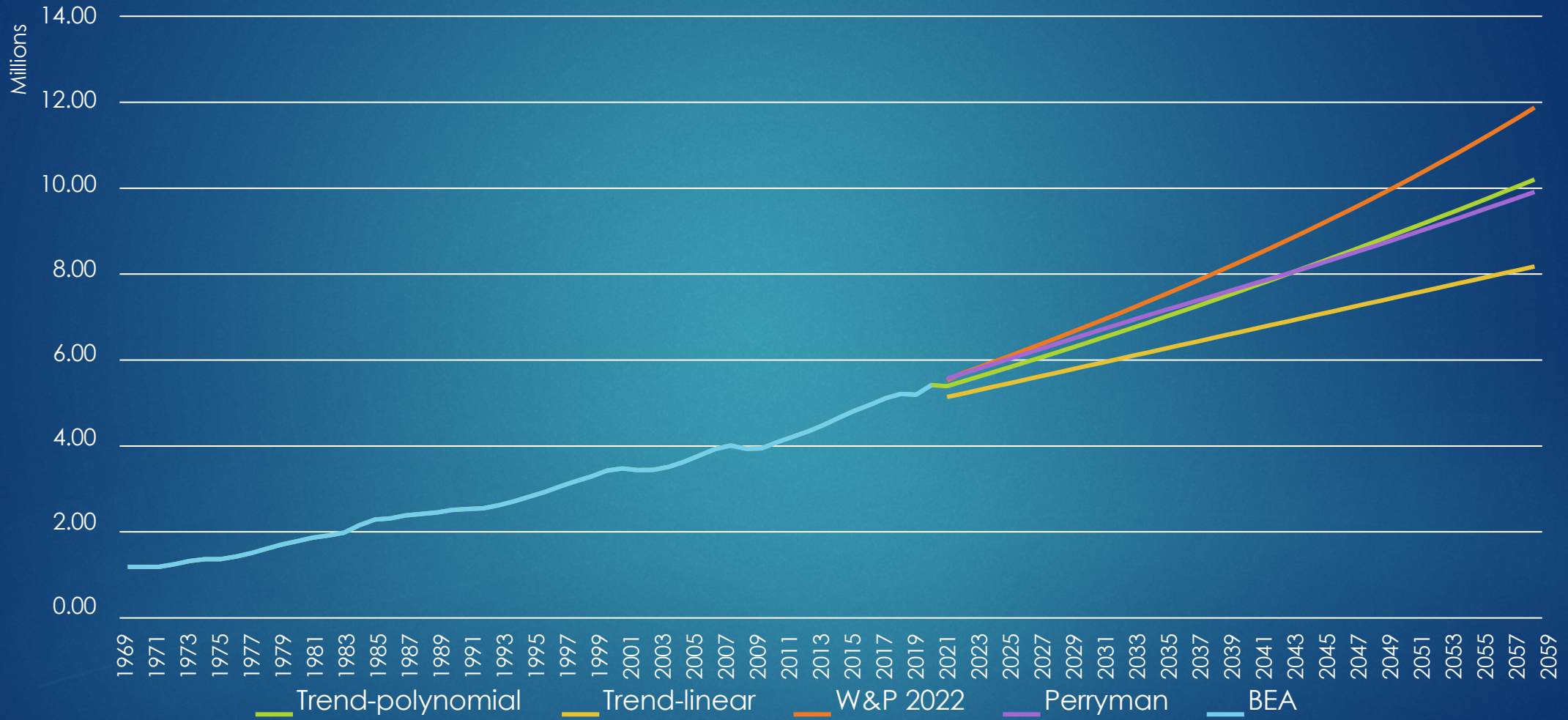
Employment

Total Employment - Texas



Source: BEA CAEMP25S (1969-2000, SIC), BEA CAEMP25N (2001-2021, NAICS), NCTCOG, Woods & Poole Economics, The Perryman Group

Total Employment - MPA



Source: BEA CAEMP25S (1969-2000, SIC), BEA CAEMP25N (2001-2021, NAICS), NCTCOG, Woods & Poole Economics, The Perryman Group

Employment Compound Annual Growth Rate - MPA

Source	1969 - 2021	2021-2045	2021 - 2060
BEA*	2.96%		
BEA Trend-polynomial		1.70%	1.63%
BEA Trend-linear		1.06%	1.06%
W&P 2022		2.16%	2.06%
Perryman		1.67%	1.54%

*If continued at this rate, total employment would be 16,915,515 in 2060

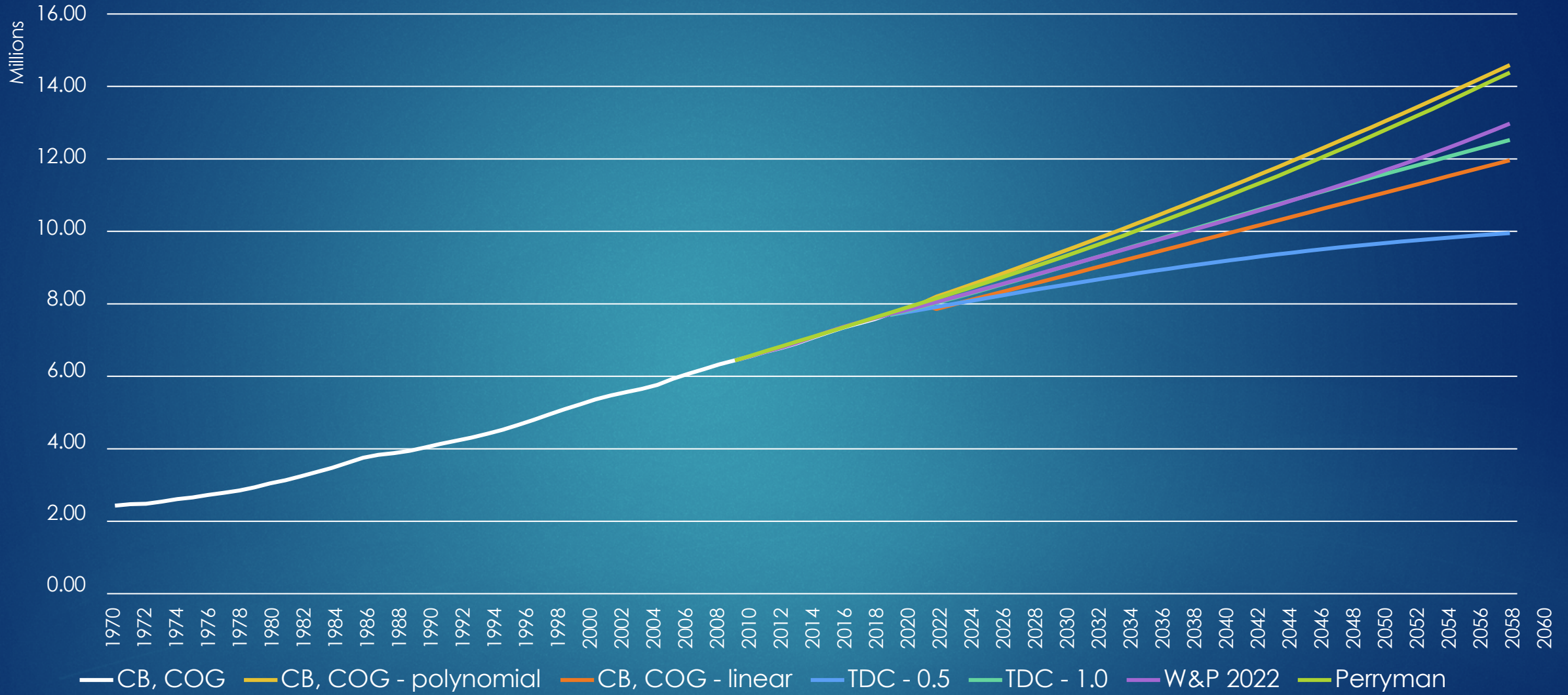
Total Employment - MPA

Source	2021	2045	2050	2060
BEA	5,423,995			
BEA Trend-polynomial		8,132,282	8,798,119	10,205,761
BEA Trend-linear		6,984,672	7,384,625	8,184,529
W&P 2022	5,368,786	8,963,802	9,853,002	11,879,958
Perryman		8,124,277	8,698,026	9,917,958

Source: BEA, NCTCOG, Woods & Poole Economics, The Perryman Group

Population

Total Population - MPA



Source: US Census Bureau, NCTCOG, NCTCOG using BEA data and MS Excel, Texas Demographic Center, Woods & Poole Economics, The Perryman Group

Population Compound Annual Growth Rate - MPA

Source	1970 - 2022	2022-2045	2022 - 2060
CB, COG*	2.32%		
CB, COG Trend-polynomial		1.67%	1.58%
CB, COG Trend-linear		1.24%	1.15%
TDC – 0.5		0.77%	0.63%
TDC – 1.0		1.33%	1.21%
W&P 2022		1.32%	1.30%
Perryman		1.59%	1.55%

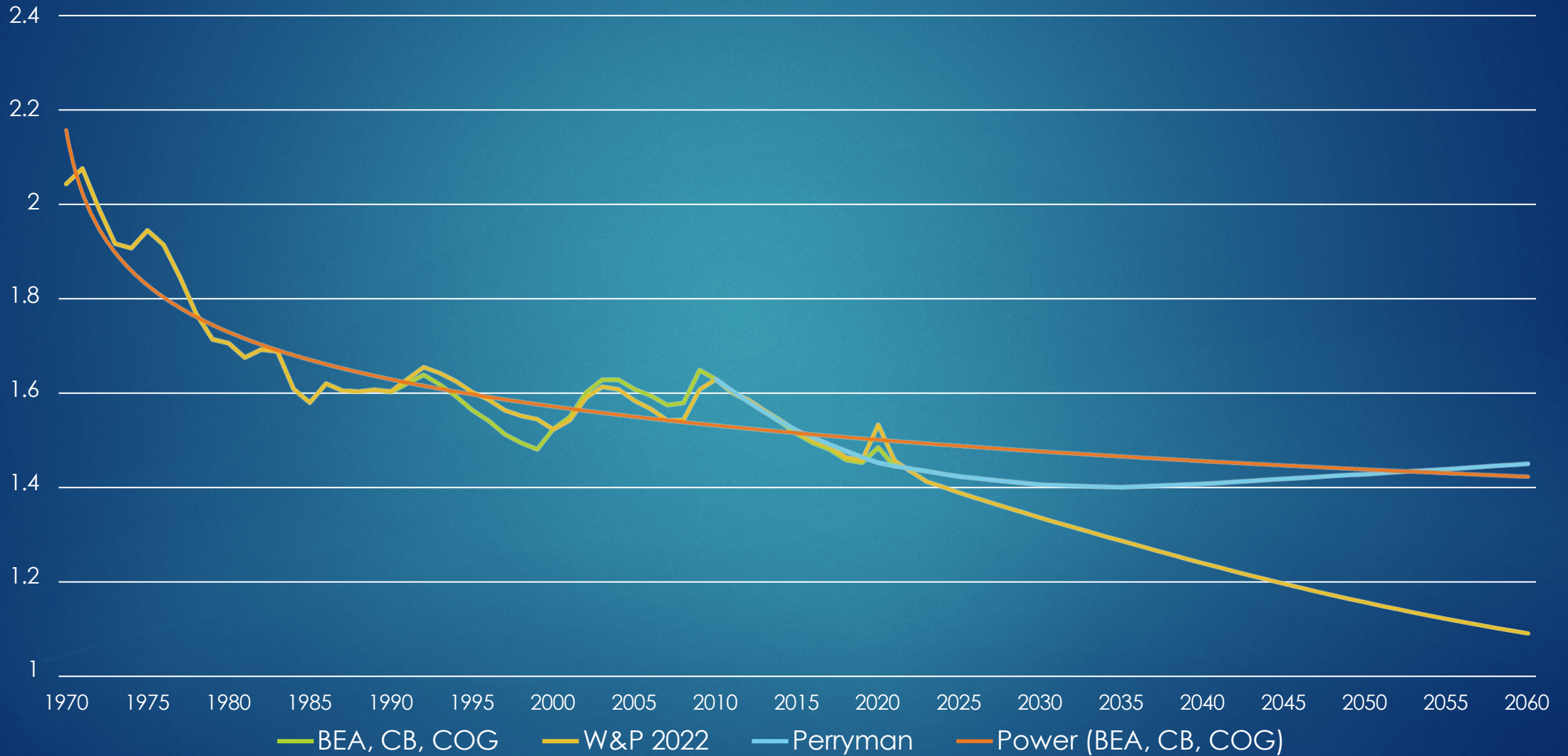
*If continued at this rate, total population would be 24,037,779 in 2070

Total Population - MPA

Source	2022	2045	2050	2060
CB	8,010,058			
CB, COG Trend-polynomial		11,778,002	12,682,840	14,594,747
CB, COG Trend-linear		10,301,109	10,854,954	11,962,646
TDC - 0.5	7,845,457	9,371,905	9,605,686	9,960,552
TDC - 1.0	7,919,573	10,751,826	11,359,906	12,531,338
W&P 2022	7,939,213	10,729,098	11,405,108	12,974,165
Perryman		11,529,041	12,429,673	14,390,517

Population/Employment Ratios

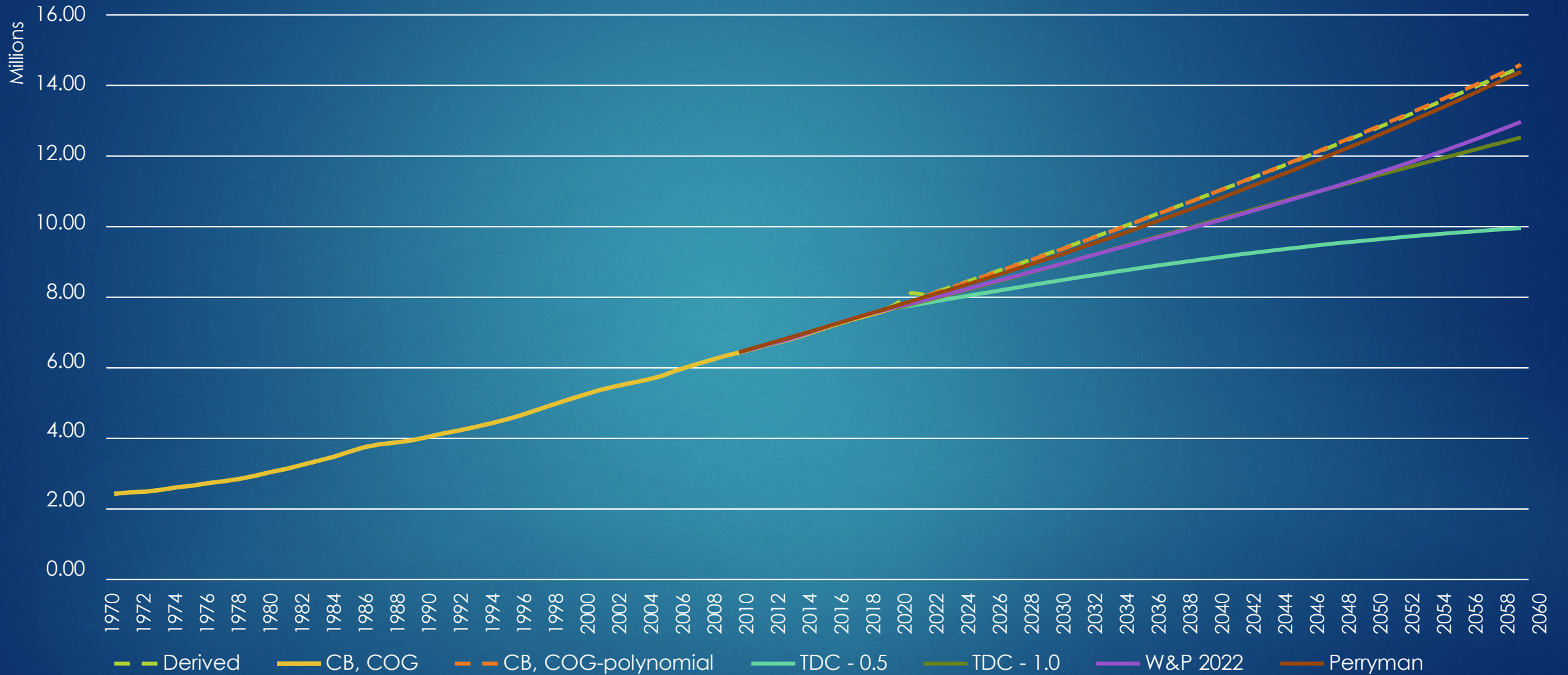
MPA P/E Ratio from 1970 – 2060



P/E Ratio - MPA

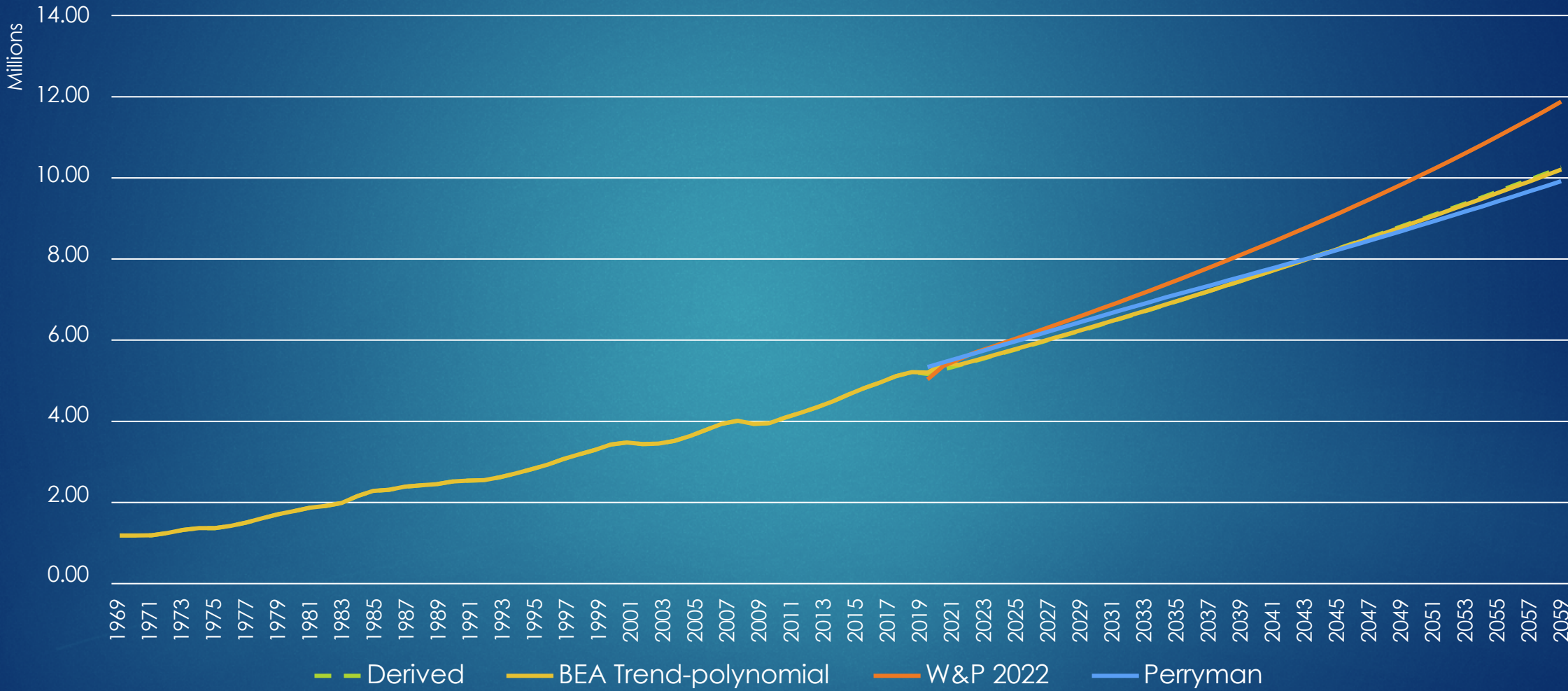
Source	2010	2020	2030	2040	2045	2050	2060
BEA, CB, COG	1.63	1.49					
Power, from 1970	1.53	1.50	1.48	1.46	1.45	1.44	1.42
Log, from 1980	1.54	1.53	1.52	1.51	1.51	1.50	1.49
W&P 2022	1.63	1.53	1.34	1.24	1.20	1.16	1.09
Perryman	1.63	1.45	1.41	1.41	1.42	1.43	1.45

Total Population - MPA



Source: CB Intercensal Estimates for 1970-80, 1980-90, 1990-2000, 2000-10 & Annual Estimates, post 2020 census; CB Annual Estimates rescaled by NCTCOG to fit between 2010 and 2020 decennial censuses

Total Employment - MPA



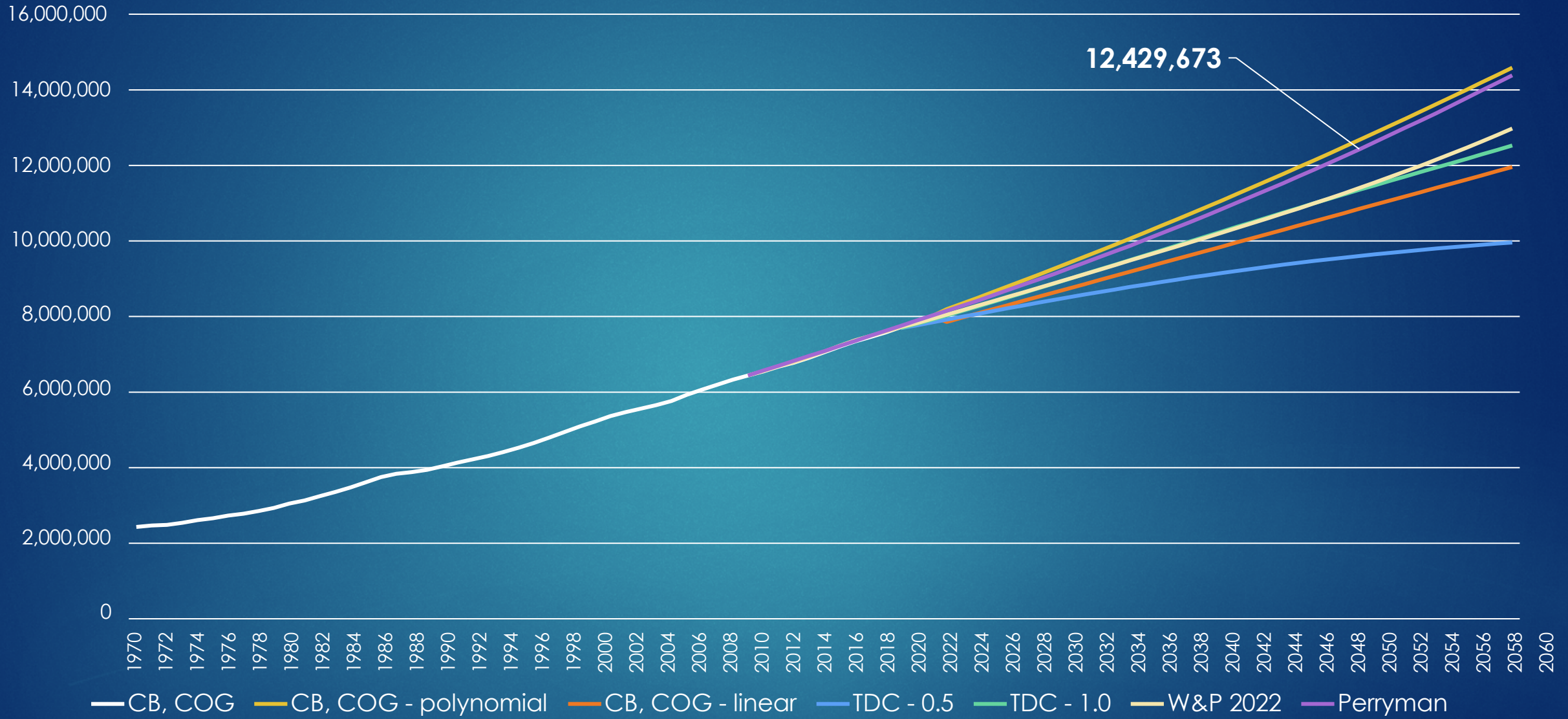
Source: NCTCOG, BEA, Woods & Poole Economics, The Perryman Group

Conclusions

- ❖ Trended BEA employment is close to Perryman's projections.
- ❖ Trended Census population is close to Perryman's projections.
- ❖ Derived population, based on trended P/E and employment, is close to Perryman's projections.
- ❖ Derived employment, based on trended P/E and population, is close to Perryman's projections.
- ❖ Perryman's projections, at the MPA level, are reasonable.

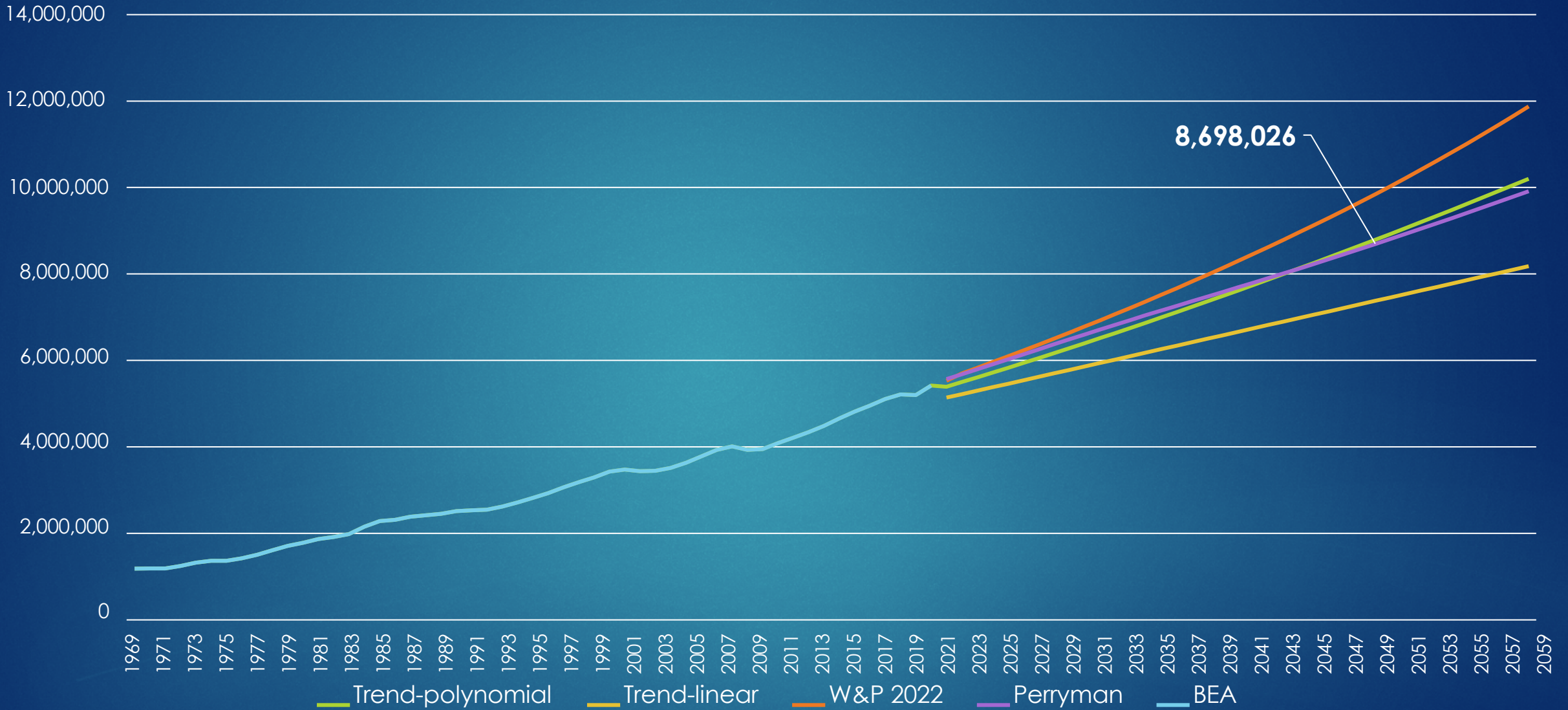
Control Total Recommendations

Total Population - MPA



Source: US Census Bureau, NCTCOG, NCTCOG using BEA data and MS Excel, Texas Demographic Center, Woods & Poole Economics, The Perryman Group

Total Employment - MPA



Source: BEA CAEMP25S (1969-2000, SIC), BEA CAEMP25N (2001-2021, NAICS), NCTCOG, Woods & Poole Economics, The Perryman Group

Recommended MPA 2050 Regional Control Totals

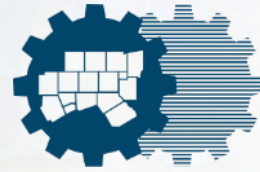
	2022	2050 Control Total	2022 – 2050 Change	2022 – 2050 % Change
Population	8,010,058	12,429,673	4,419,615	55.2%
Employment	5,878,904	8,698,026	2,819,122	48.0%

2050 Population/Employment Ratio	1.43
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Research & Information Service

Small Area Estimates

- ▶ Sub-county estimates of households, household population, and employment by broad sector for 2000, 2005, 2010, 2015, and 2019
- ▶ Serve as inputs to the demographic forecasting model work
- ▶ County-level controls based on data from the Bureau of Economic Analysis and US Census Bureau
- ▶ Built off data from Census Bureau programs including LEHD (LODES data), Decennial Census, and Annual Estimates
- ▶ Various NCTCOG programs including Annual Population and Housing Estimates, Development Monitoring, Regional GIS Layers, and data from the Spatial Data Cooperative Program serve as other primary sources
- ▶ Made available for review by local governments and other stakeholders prior to release



Updates on the Dallas-Fort Worth Clean Cities Coalition

Lori Clark
Program Manager and
Dallas-Fort Worth Clean Cities Director

Surface Transportation Technical Committee
May 24, 2024

Background - Scope of National Program

National Mission Statement:

Clean Cities and Communities advances the nation's environment, energy security, and economic prosperity through collaboration with communities by building partnerships with public and private stakeholders that create equitable deployment of clean transportation solutions for all.



Light-,
Medium-, and
Heavy-Duty
Vehicles



Alternative and
Renewable
Fuels and
Infrastructure



Idle Reduction
Measures and
Fuel Economy
Improvements



New Mobility
Choices and
Emerging
Transportation
Technologies

Local Priorities and Impact

Focus on Fuels and Technologies that Address Local Air Quality Concerns

Local Coalition Impacts over Calendar Year 2023 (based on 45 reporting fleets):



~65 Tons Ozone-Forming Nitrogen Oxides (NO_x) Reduced



203,066 Tons Greenhouse Gas (GHG) Emissions Reduced

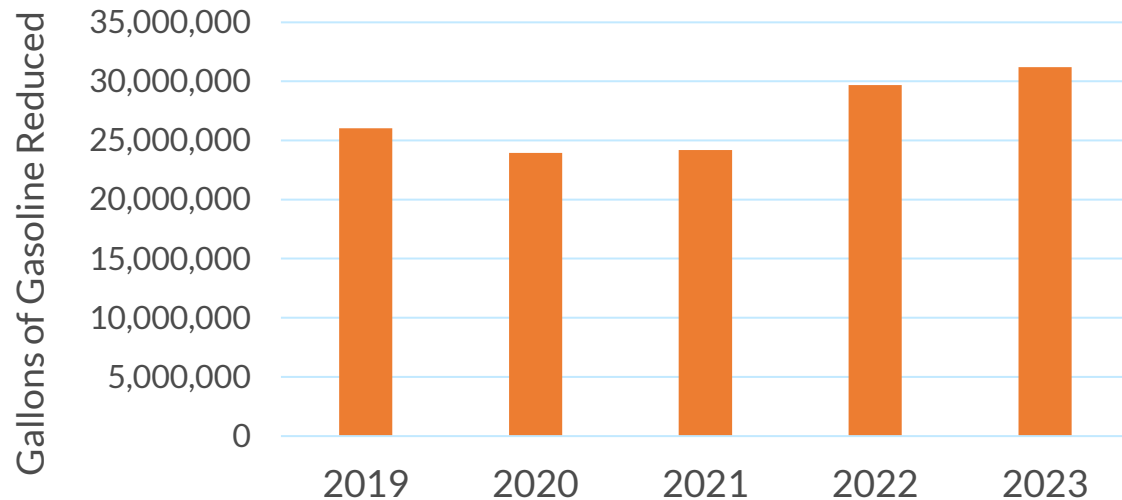
Equivalent to Eliminating 1,117 Railcars of Coal Burned¹



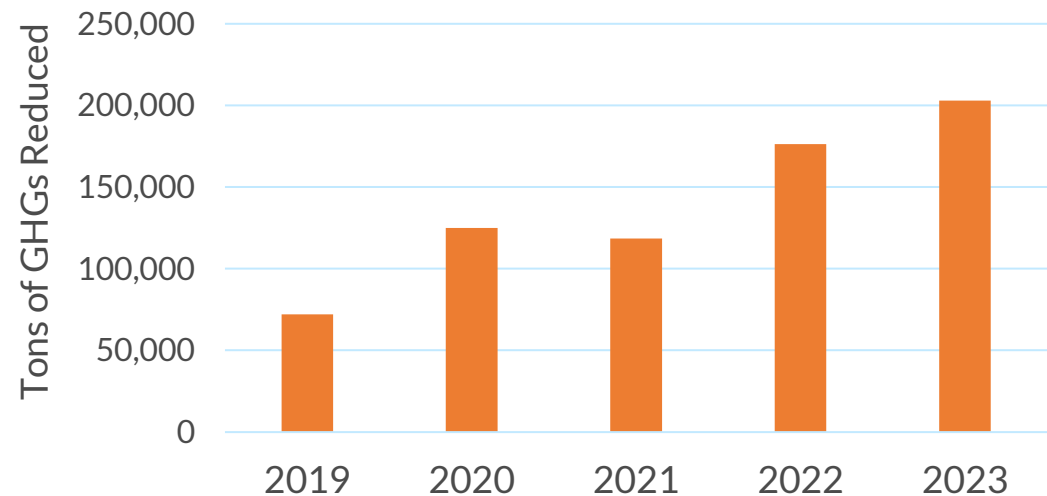
31,189,703 Gallons of Gasoline Equivalent Reduced

Equivalent to 3,669 Tanker Trucks of Gasoline¹

Historical Gallons of Gasoline Equivalent Reduced



Historical GHG Emission Reductions



Mechanisms for Outreach

Dallas-Fort Worth Clean Cities Conducted Outreach to 11,563 People in 2023

- Hosting Events
- Facilitating Peer Sharing
- Email Blasts
- Educational Webinars
- One-on-One Meetings to Provide Technical Assistance



Source: NCTCOG
2023 Fleet Recognition Awardees

Recent Developments

Developed DFW Clean Cities Technical Advisory Committee to Assist and Advise Coalition Staff on Initiatives that Improve Regional Air Quality and Reduce Transportation Energy Use by:

- Assisting with Event/Project Promotion and Networking
- Increasing Stakeholder Collaboration/Engagement
- Informing Adoption of a Coalition Strategic Plan

Current Members Include Representatives From:

Cities of Carrollton, Dallas, Denton, and Fort Worth; DFW Airport; Hood County Clean Air Coalition; Kimley-Horn; Northwest Propane Gas Co.; Oncor Electric Delivery; Parsons; and University of Texas at Dallas

Recent Developments

Developed DFW Clean Cities Strategic Plan to Give Framework to Next Four Years:

- Increase Awareness and Adoption of Alternative Fuel Vehicles and Related Funding Opportunities for Fleets and Consumers
- Increase the Number, Resiliency, and Reliability of the Electric Vehicle Charging Station Network, Focusing on Areas with Identified Gaps in Charging Access
- Participate in Projects to Plan and Deploy Zero-Emission Medium-/Heavy-Duty Vehicle Charging or Refueling Stations
- Support First Responder Preparedness and Safety for Electric Vehicles
- Expand Workforce Training Programs to Support Electric Vehicles and Infrastructure

Get Involved!

Stakeholder Meeting in June

Seeking input on local mission statement

Additional Technical Advisory Committee Members Welcome

Submit interest through July 31

Department of Energy Redesignation Process Ongoing through October 2024

Seeking Partnership Agreements indicating commitment and support by September 30

More Information and Template Agreements at www.dfwcleancities.org



Dallas-Fort Worth
CLEAN CITIES

For More Information



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Amy Hodges

Principal Air Quality Planner

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Senior Air Quality Planner

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<https://www.dfwcleancities.org/>



North Central Texas
Council of Governments



Dallas-Fort Worth
CLEAN CITIES

Invitation to Participate in the Charging Smart Program

Amy Hodges

Principal Air Quality Planner

Surface Transportation Technical Committee

May 24, 2024



Charging Smart Background

Developed by Interstate Renewable Energy Council (IREC) and implemented through Clean Cities Coalitions in participating states and regions

- Modeled after the highly successful SolSmart Program, which helps remove barriers to solar energy deployment
- Funded by the US Department of Energy's Vehicle Technologies Office

Provides best practices and policies for communities to streamline planning, permitting, and inspections to support the development of EV infrastructure

Local governments can receive recognition through designation levels by achieving steps toward equitable EV-readiness goals

Targeting local governments with Justice40 communities to ensure benefits are delivered to underserved communities

Dallas-Fort Worth Clean Cities (DFWCC) as subrecipient to IREC will provide no-cost technical assistance to participating local governments

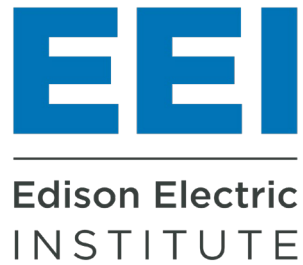


Partners

Technical Leads:



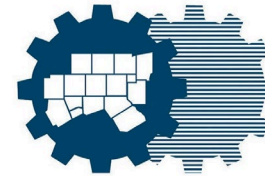
Industry:



Recruiting Partners:



Dallas-Fort Worth
CLEAN CITIES



North Central Texas
Council of Governments



Invitation to Participate in Charging Smart

Key Functions of Charging Smart

Provide communities access to expert technical assistance from a team of knowledgeable organizations at no cost

Send a signal to EV service providers and project developers that communities are open to EV charging development

Make local government processes more efficient, thereby better managing taxpayer resources

Showcase community achievements via the Charging Smart website, media opportunities, and public events and announcements

Facilitate the development of EV charging on public properties, providing clean transportation options for staff

Stimulate an increase in charging portals, including in underserved communities



Relevance to Regional Planning

Air Quality Emphasis Areas

- High-Emitting Vehicles/Equipment
- Idling
- Hard Accelerations
- Low Speeds
- Cold Starts
- Vehicle Miles of Travel
- Energy and Fuel Use

Federal Performance Measure:

Air Quality

Mobility 2045:

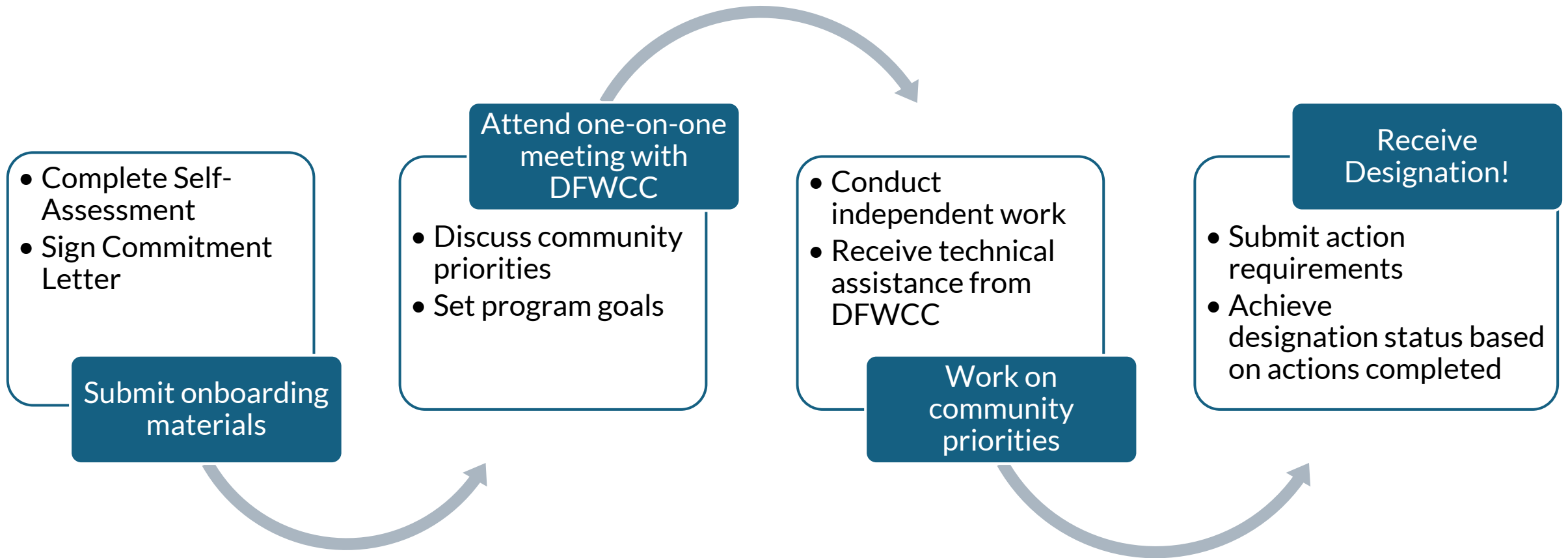
Air Quality Policy AQ3-004:

Support and implement strategies that promote energy conservation, reduce demand for energy needs, reduce petroleum consumption, and/or decrease greenhouse gas emissions

Mobility 2045 Chapter 4 – Environmental Considerations

Appendix C – Environmental Considerations

Steps Toward Designation



Charging Smart Framework

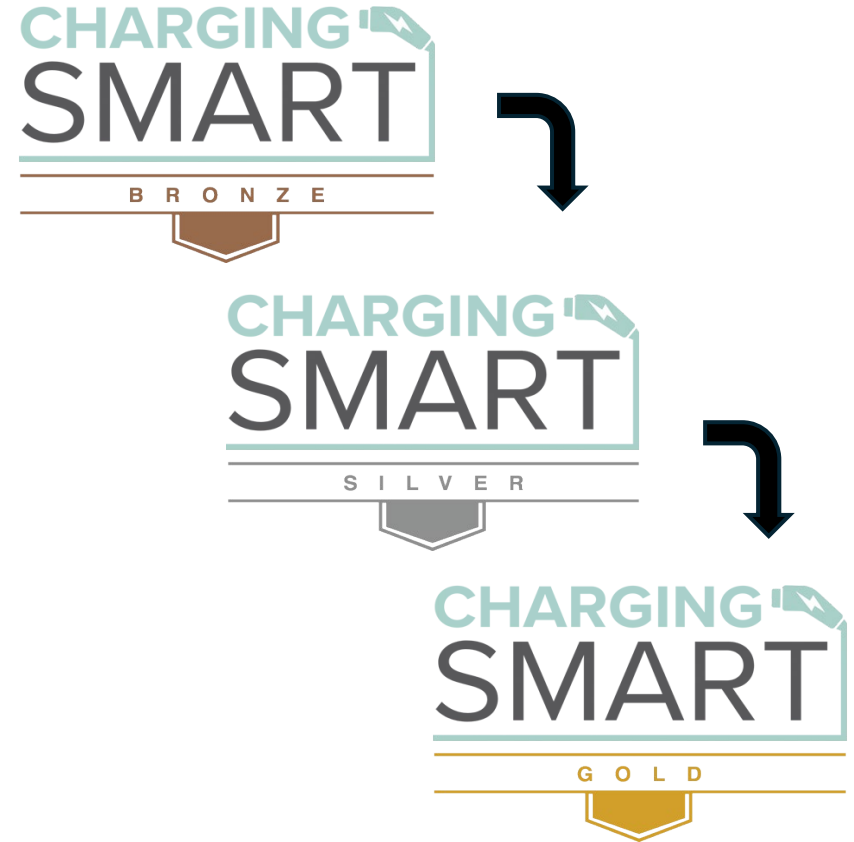
Action Categories

1. Planning
2. Regulation
3. Utility Engagement
4. Education and Incentives
5. Government Operations
6. Shared Mobility

EVs for All

Point System: Actions within each category have assigned points. As actions are completed, the points count towards the total amount of points needed for designation levels. An additional opportunity for points, "EVs for All", focuses on benefitting underserved communities.

Designation Levels



How to Participate

Inform colleagues in departments that do planning, permitting, etc. about the program

Attend an informational webinar on Wednesday, June 5 to learn about the program and an upcoming cohort to progress through the program with a peer group of local governments

Register at <https://www.dfwcleancities.org/events>

Initial steps will include:

- Self-Assessment
- Commitment Letter

Learn more at <https://www.dfwcleancities.org/charging-smart>

Reach out to cleancities@nctcog.org with any questions



Contact Us



Amy Hodges
Principal Air Quality Planner
ahodges@nctcog.org
817-704-2508



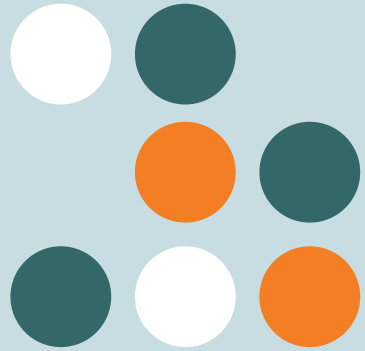
Carolyn Burns
Air Quality Planner
cburns@nctcog.org
817-704-5682

MOBILITY 2050

Public Involvement and Multilingual Communication

Regional Transportation Council

May 9, 2024



**TRANSPORTATION
DEPARTMENT OUTREACH
STRATEGY**

Public Participation Plan

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

- Most recent update: November 2022
- Covers federal responsibilities, procedures, strategies, evaluation
- Language Assistance Plan contained as an appendix
- Guides regular MPO public outreach, corridor public outreach, and campaigns

Public Participation Plan Guiding Principles



Consistent and Comprehensive Communication



Commitment to Diversity and Inclusiveness



Consultation with Committees



Collaboration with Audiences and Stakeholders

Public Participation Plan Goals

- 1 Inform and educate
- 2 Engage diverse audiences and encourage continued participation
- 3 Evaluate public participation strategies and efforts

Outreach Strategies

- *Hybrid Public Meetings*
 - *Postcards*
 - *Email*
 - *Advertising*
- *Video*
- *Print and Digital Publications*
- *Media Relations*
- *Stakeholder Interviews*
- *Community Networks*
- *Outreach Events*
- *Website*
- *Social Media*
- *Surveys/Polling*
- *Visualization*
- *Shareable Content*
- *Speaking Opportunities*

Language Assistance Plan

- Identify community language assistance needs
- Outline how language assistance will be available
- Train staff to interact with and consider needs
- Provide notice of translation/interpretation availability
- Monitor and update plans

Goal: Ensure Meaningful Access

LAP Four-Factor Analysis

01

IDENTIFY

The number or proportion of Limited English Proficiency persons for a program, activity, or service

02

FREQUENCY

Frequency with which LEP individuals come into contact with the program

03

IMPORTANCE

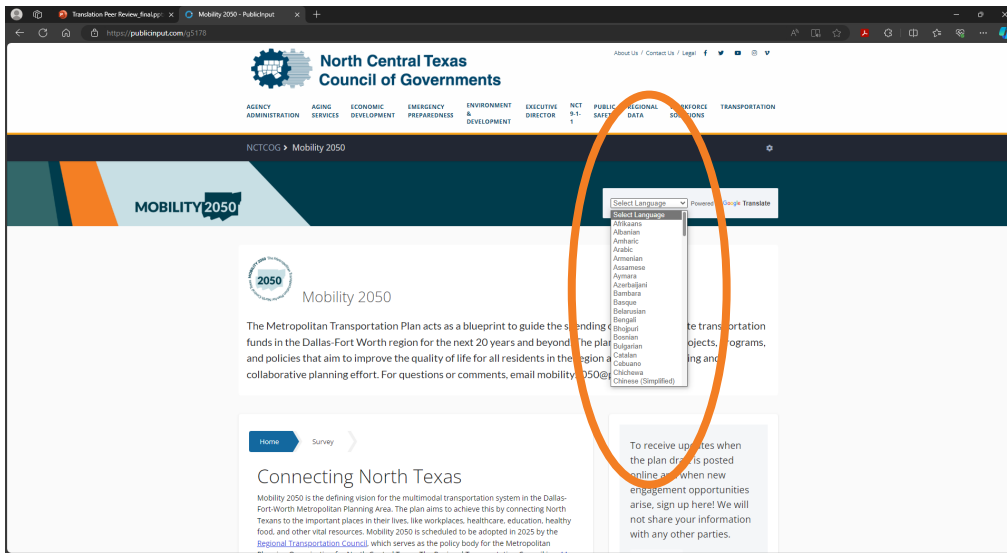
The nature and importance of the program, activity, or service provided to the people's lives

04

RESOURCES

The resources available and the costs to provide language assistance

Examples



GIAO THÔNG CÔNG CỘNG
CƠ HỘI CHO BẠN ĐÓNG GÓP Ý KIẾN ONLINE
CHÚNG TÔI MUỐN NGHE Ý KIẾN CỦA BẠN

TỪ NGÀY 08/06/2020 ĐẾN NGÀY 07/07/2020

Regional Transportation Council kết hợp với North Central Texas Council of Governments thành lập ban tổ chức quy hoạch, xây dựng và quản lý đô thị (Metropolitan Planning Organization) cho vùng Dallas- Ft. Worth, cùng với nhau khuyến khích người dân tìm hiểu thêm về tất cả những vấn đề liên quan đến giao thông trong vùng và tham gia đóng góp ý kiến giúp thiết lập các chương trình ưu tiên.

THEO DÕI VÀ GÓP Ý ONLINE

- Phản hồi về Covid-19: Hệ thống thông tin công cộng và cơ hội kinh tế
- Đạo luật trợ giúp kinh tế trong mùa dịch: Quỹ dành cho Văn chuyển Công cộng
- Hợp tác gây quỹ cho vùng Southeast Dallas
- Tương trình của chính quyền địa phương
- Thay đổi trong chương trình công ăn Việc làm

NGUỒN THÔNG TIN

- Ngày làm sạch không khí www.airnorthtexas.org
- Đóng góp ý kiến thay đổi chính sách quản lý giao thông qua internet www.nctcog.com/mapyouexperience
- Chương trình hạn chế sử dụng xe nhà khói trong vùng www.smokingvehicle.net
- Việc thay thế phương tiện và cơ hội được cấp chính sách www.nctcog.org/agfunding

Để tiện cho công chúng theo dõi và đóng góp ý kiến, thông tin sẽ được chia sẻ online tại www.nctcog.org/input. Nếu cần bản in giấy, xin gọi 817-608-2365 hoặc email cbaylor@nctcog.org
 Người tàn tật cần thông dịch, xin gọi 817-608-2365 hoặc email cbaylor@nctcog.org để được hỗ trợ.

Hoja de Hechos | Diciembre 2018

North Central Texas Council of Governments | Regional Transportation Council | www.nctcog.org/mobility2045

Repaso en Breve

Qué es:
 Mobility 2045: The Metropolitan Plan for North Central Texas Council of Governments, lo que se proyecta proporcionar \$136.4 billones para el mejoramiento del sistema de transporte en la región para dirigir las necesidades de movilidad para residentes actuales y futuras hasta el 2045.

Significado:
 En general, un enfoque innovador para mejorar el sistema de transporte es necesario para modernizar la manera en que viajan los residentes a medida que leván su vida cotidiana. Mobility 2045 se basa en los éxitos de los planes pasados, mientras adoptando nuevas y emergentes tecnologías que podrían ayudar en mejorar la confiabilidad y proporcionar opciones para el sistema de transporte.

Por las Numeraciones:
 Se espera que la población de Dallas- Fort Worth aumente el 57 por ciento para el 2045, a aproximadamente 11.2 millones de personas. Mientras la población de la región se expande, los 4 millones adicionales de personas agregarán más de 2 millones de empleos para aumentar el empleo a casi 7 millones.

Moviendo Tejanos del Norte con la Vista Hacia el Mañana

Qué es:
 The Regional Transportation Council aprobó el Mobility 2045 en junio 2018. The Metropolitan Transportation Plan para el área de Dallas Fort Worth se implementa para identificar y abordar mejoras en el sistema de transporte actual. El Mobility 2045 sugiere diferentes estrategias y tácticas que se adaptarán a las necesidades específicas del sistema de transporte de la región para finalmente mejorar la experiencia de viaje por todo el norte de Texas.

El plan incluye las recomendaciones del los planificadores regionales y los proveedores de transporte, que tomaron contribución de los usuarios del sistema a través de extensas oportunidades de alcance público. Esto les ayudó en desarrollar el plan de transporte hasta el 2045. Un área tan grande como Dallas Fort Worth requiere un enfoque multimodal para mejorar el transporte, confiando en carreteras, ferrocarril y las mejoras en el sistema de transporte activo. El Mobility 2045 continuará construyendo hacia el futuro e incorporará iniciativas tecnológicas, así como el tren de alta velocidad, tren automático modernizado y vehículos automatizados. Estas opciones potenciales aumentan en el plan Mobility 2040, destacando la sostenibilidad y la calidad de vida, aumentando las opciones de transportation y ayudando la región en prepararse para un estimado aumento de 4 millones de personas.

El plan propone que se proporcionen \$136.4 billones para el sistema de transporte hasta el 2045. Es importante tener en cuenta que el Mobility 2045 es una lista de proyectos y programas que pueden ser económicamente permitidos por la duración del plan.

Debido al intenso crecimiento de población y los fondos limitados disponibles, el Mobility Plan reconoce cuales proyectos e inversiones beneficiarán al sistema de transporte de la región más efectivamente.



Planificadores han adoptado un enfoque integral en el desarrollo del próximo Metropolitan Transportation Plan de la región.

Examples

MAY 12, 2023 • KOREA FOWW NEWS KTW DFW NEWS | 57

“베이비부머 큰 절반, 퇴직연금 없다” ... 초고령화 시대 비상

“가구당 70만 달러 자금 필요 ... 실제 퇴직연금은 10만 달러 수준”



베이비부머 퇴직연금 부족은 노년층이 노후 생활을 할 수 있는 돈에 큰 영향을 미칠 것으로 예상된다. 노년층이 노후 생활을 할 수 있는 돈에 큰 영향을 미칠 것으로 예상된다. 노년층이 노후 생활을 할 수 있는 돈에 큰 영향을 미칠 것으로 예상된다.

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알렌 물 총격 참사 후, 플레이노 경찰 다수의 학교 위협 사건 조사

플레이노, 경찰은 지난 2월(화)부터 4개의 학교 위험 물 총격 사건에 대응한 것으로, 연례 위협 사건이 발생해 알렌 물 총격 참사 2년 후, 플레이노 경찰은 다수의 학교 위협 사건을 조사하고 있다. 알렌 물 총격 참사 2년 후, 플레이노 경찰은 다수의 학교 위협 사건을 조사하고 있다. 알렌 물 총격 참사 2년 후, 플레이노 경찰은 다수의 학교 위협 사건을 조사하고 있다.

연료비를 절감하고, 운전 스트레스 줄이는 방법! #HopOn

지금 바로 가까이에 있는 대중교통을 이용하세요.

DCTA DART TRINITY METRO

Bachman Lake y Love Field Area Planning

Reunión Pública Virtual martes, 23 de marzo, 2021 6:00 - 7:00 PM

El North Central Texas Council of Governments (NCTCOG) por sus siglas en inglés está dirigiendo un estudio sobre el transporte y el uso de tierra en la zona de Bachman Lake/Northwest Highway, en colaboración con la ciudad de Dallas y coordinando con el National Park Service (NPS) por sus siglas en inglés) en el proyecto Love Field Loop Trail.

El 23 de marzo se llevará a cabo una reunión pública virtual para continuar la conversación sobre las necesidades y preocupaciones de transporte para esta zona de Dallas. Información a discutir en esta reunión:

- Resultados de la encuesta en línea sobre las necesidades de transporte en la comunidad
- Actualizaciones de los planes y proyectos de transporte en curso en la zona
- Oportunidades y próximos pasos para continuar con las aportaciones y comentarios sobre las mejoras de la zona.

Regístrese para la reunión aquí [insert Zoom Link]

Para más información sobre el proyecto, visite: www.NCTCOG.org/BachmanArea

North Central Texas Council of Governments

HIGH-SPEED TRANSPORTATION

Dallas-Fort Worth

Información de la Reunión Pública de septiembre de 2020 0:01 / 26:32

Ahorra dinero en combustible y mantén el estrés a distancia

BLUÉ LINE

#HopOn #HopOn #HopOn

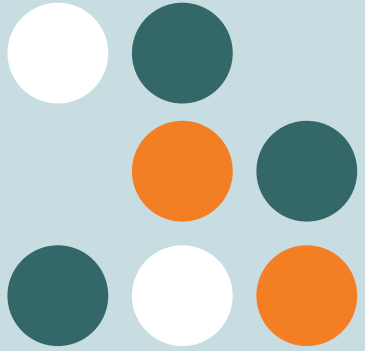
DCTA TRINITY METRO

DÍA de ACCIÓN POR UN Aire LIMPIO

2 de Junio de 2023 EL PRIMER VIERNES DE JUNIO

AIRNORTHTEXAS.ORG/CLEANAIRACTIONDAY

Regístrate



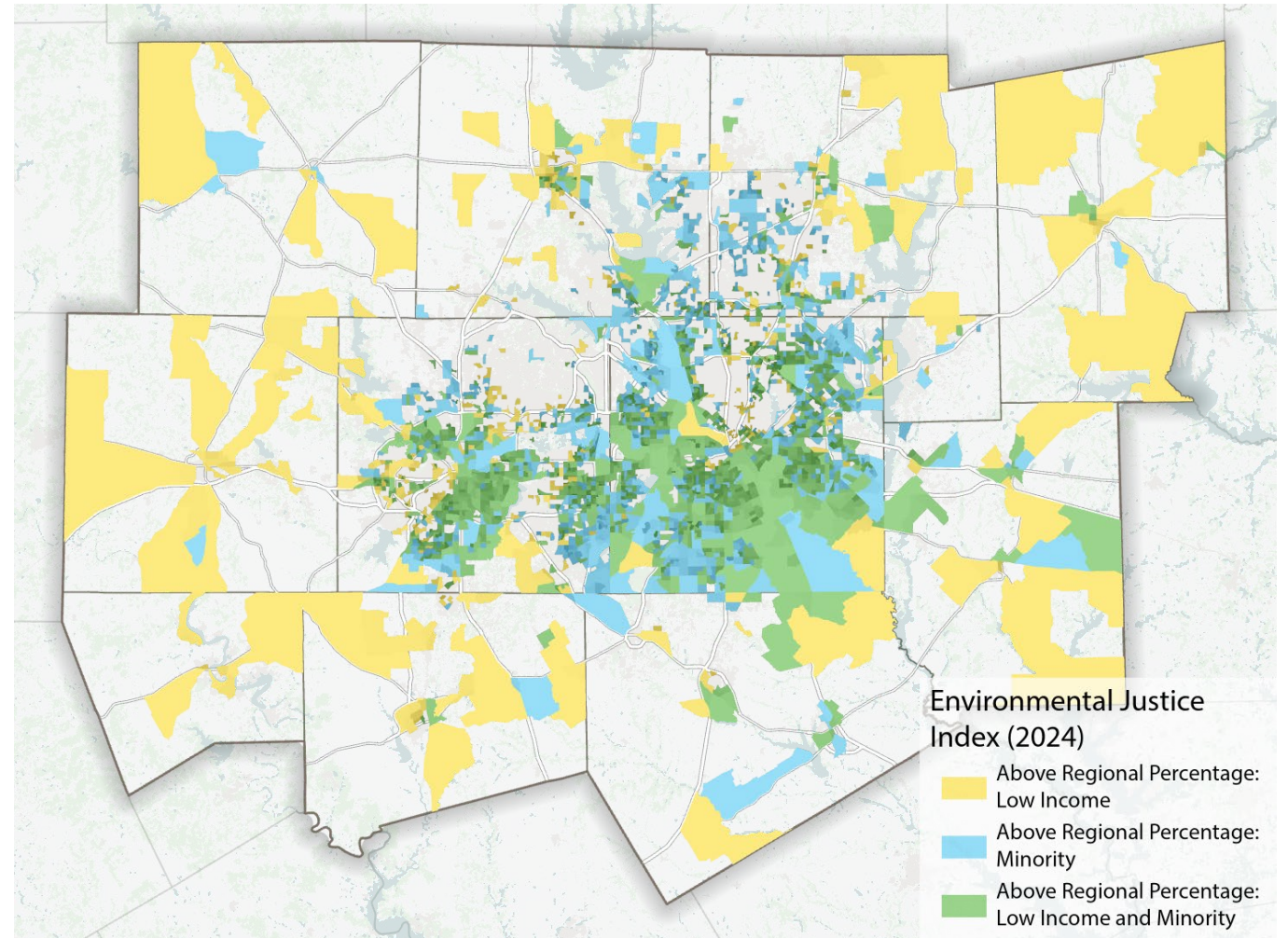
MOBILITY 2050 OUTREACH EFFORTS

Guiding Principles for Mobility 2050 Outreach

- 1 Seek meaningful input early in the planning process
- 2 Ask the right people for the right things
- 3 Focus on problem solving

Multilingual Communications Strategies for Mobility 2050

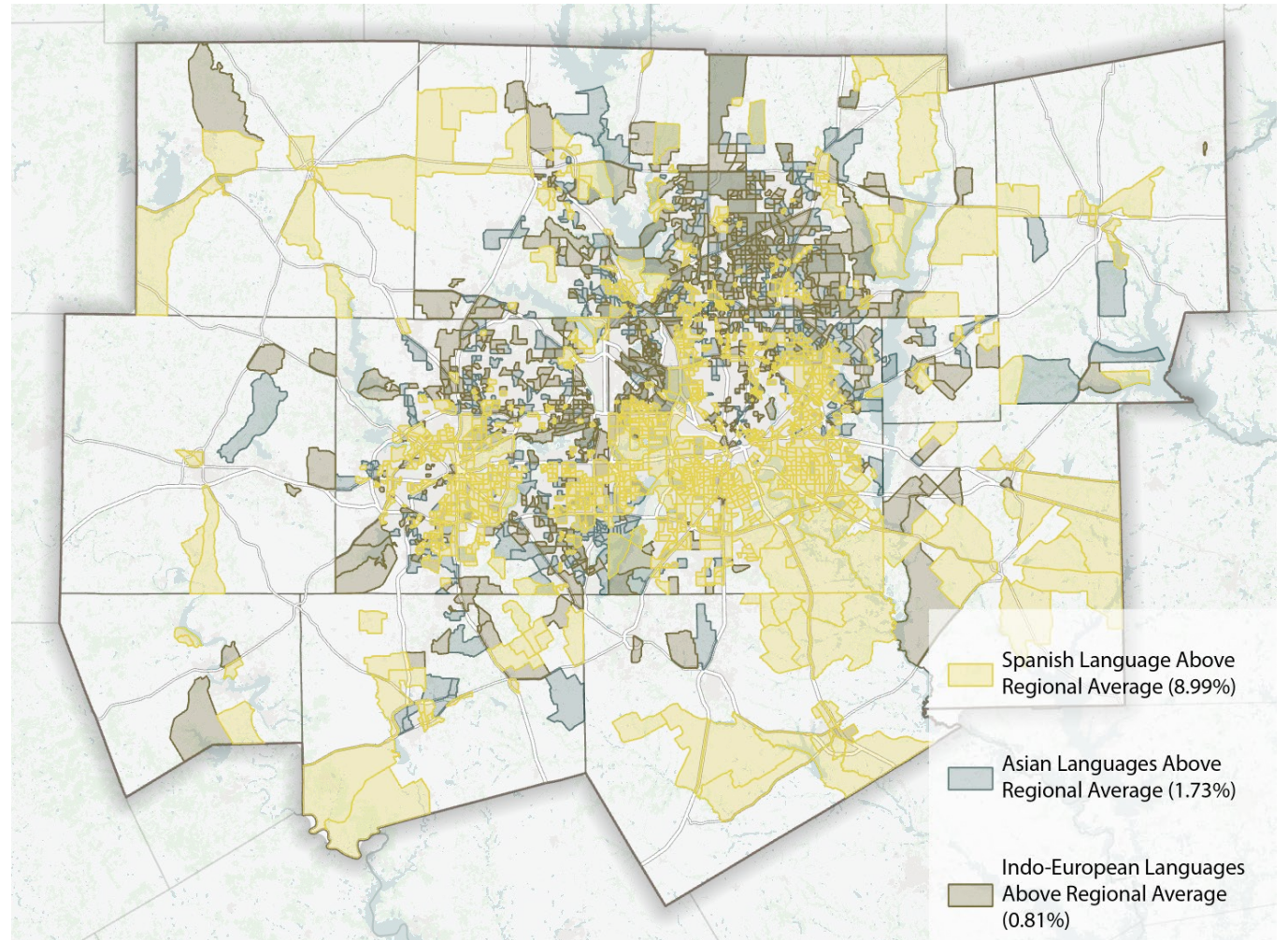
- Our region is home to diverse communities speaking multiple languages.
- Enhance accessibility: Ensure all residents can participate meaningfully.
- Demonstrate our commitment to hearing all voices.
- Strengthen trust: Build rapport and credibility within diverse communities.



Areas Above Average for Low Income and Total Minority Population, EJI (2024), NCTCOG

Target Languages & Tailored Communication Channels

- Web resources available in 133 languages via Google Translate
- Primary languages in region: Spanish and Vietnamese (Census Bureau)
- Limited English Proficiency dataset helps staff find the right language(s) for various communications



Areas Above Average for Limited English Proficiency, EJI (2024), NCTCOG

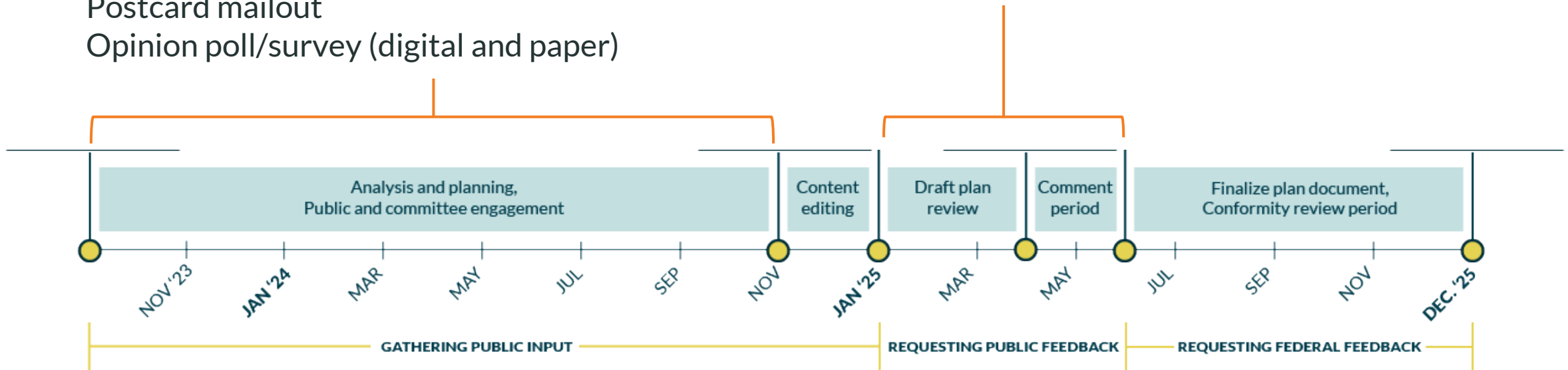
Public Involvement Strategy

Input Phase

- Public meetings (multiple options for participating)
- Enhanced community engagement
- Map Your Experience campaigns
- Social media and web-based outreach
- Postcard mailout
- Opinion poll/survey (digital and paper)

Feedback Phase

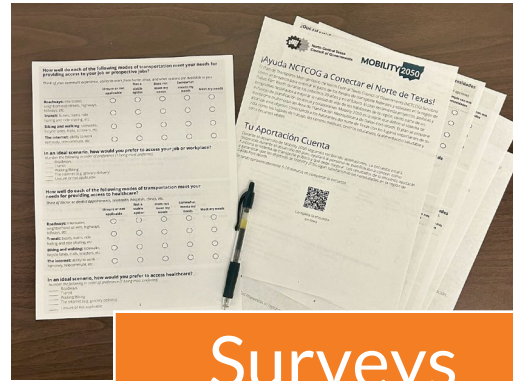
- Public meetings (multiple options for participating)
- Enhanced community engagement
- Map Your Experience
- Social media and web-based outreach



Multilingual Examples



Webpages



Surveys

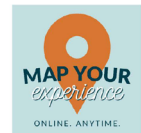


MYE Español



Graphics

Map Your Experience
Caption: En el próximo Plan de Transporte Metropolitano de largo alcance, Mobility 2050, solicitamos la aportación del público durante el año 2024, lo que deja amplias oportunidades para que expreses tu opinión. Visita nctcog.org/mye para que nos comuniques tus preocupaciones sobre movilidad!



Post 2 Encuesta Mobility

Caption: ¿Vas caminando, andas en bicicleta en coche? ¡Entonces necesitamos tu aportación! ¿Cuánto le NCTCOG que te parezca el sistema de transportes de Dallas-Fort Worth. Completa la encuesta: publicinput.com/mobility2050

Social Media



Mail

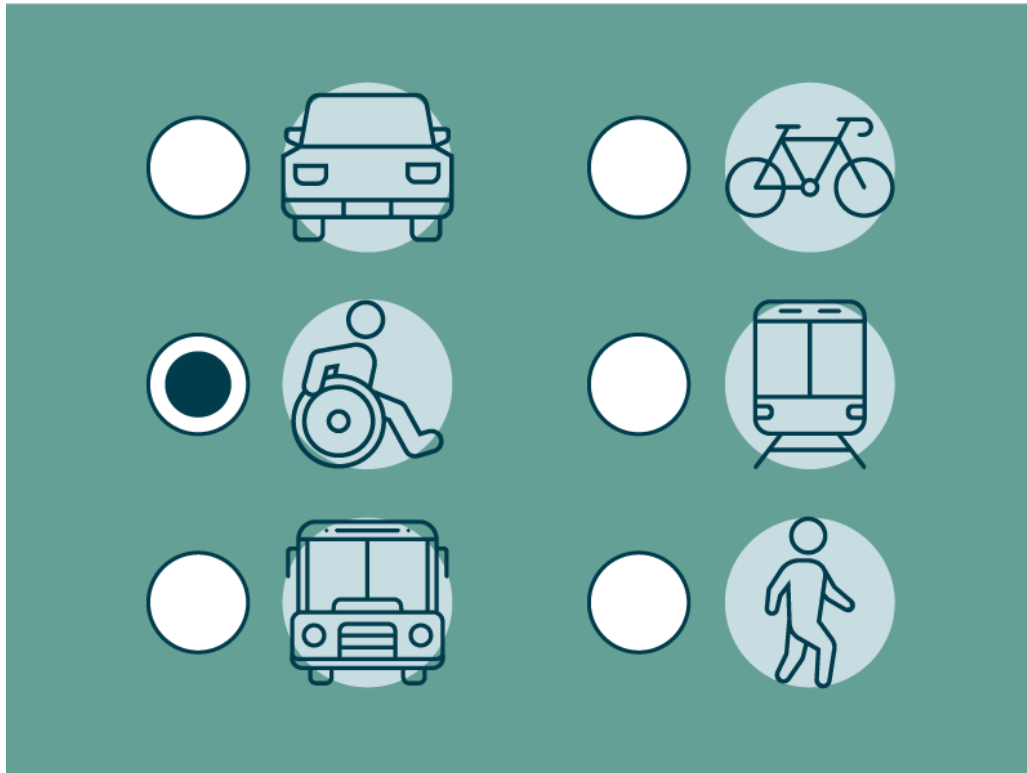
Upcoming Initiatives

- Multilingual postcard campaign
- Multilingual social media efforts (Spanish, Vietnamese)
- Continuing library partnerships: English and Spanish paper surveys available in communities with high percentage of LEP Spanish and/or low internet access

We Need Your Input

www.nctcog.org/M50

Take the Survey/Opinion Poll



Map Your Experience



Outreach Toolkit

www.nctcog.org/M50toolkit

The screenshot shows the website for the North Central Texas Council of Governments. The header includes the organization's name and a navigation menu with categories like AGENCY ADMINISTRATION, AGING SERVICES, ECONOMIC DEVELOPMENT, EMERGENCY PREPAREDNESS, ENVIRONMENT & DEVELOPMENT, EXECUTIVE DIRECTOR, NCT R-I-I, PUBLIC SAFETY, REGIONAL DATA, WORKFORCE SOLUTIONS, and TRANSPORTATION. Below the header is a search bar and a breadcrumb trail: Home > Transportation > Regional Planning & Projects > Metropolitan Transportation Plan > Mobility 2050 > Outreach Toolkit. The main content area is titled "Outreach Toolkit" and is divided into two sections: "OUTREACH" and "INPUT".

OUTREACH

Resources	Social Media
Public Input Page Página de Aportaciones Públicas (Español)	Social Media Template Plantilla de Redes Sociales (Español)
Presentation Slide Diapositiva de Presentación (Español)	Map Your Experience Image Mobility Survey Image
Template Article Artículo de Plantilla (Español)	
Timeline Cronograma (Español)	

INPUT

Use the link to direct to our bilingual public input landing page: www.nctcog.org/M50

Take The Limited-Time Survey

[Take the Survey](#)

A 10-15 minute survey is available throughout 2024. Let us know how the Dallas-Fort Worth transportation system meets your needs in getting to key destinations like work, healthcare, education, and healthy food.

Map Your Experience

[Start Mapping](#)

Drop a pin and tell us about specific locations of need using our online mapping tool - available online, any time. You can even use the "Map Your Experience" tool on the go, using a mobile device.

OUTREACH TOOLS

Resources

[Public Input Page](#)
[Página de Aportaciones Públicas \(Español\)](#)

[Presentation Slide](#)
[Diapositiva de Presentación \(Español\)](#)

[Template Article](#)
[Artículo de Plantilla \(Español\)](#)

[Timeline](#)
[Cronograma \(Español\)](#)

Social Media

[Social Media Template](#)
[Plantilla de Redes Sociales \(Español\)](#)

[Map Your Experience Image](#)
[Mobility Survey Image](#)

Mobility 2050 Schedule

Milestone/Activity	Date
Mobility 2050 Kickoff at STTC/RTC	February/March 2024
Public Input Gathered	Throughout 2024
Draft plan compiled	November – December 2024
Draft plan published	January 2025
STTC/RTC draft plan information	January 2025 – May 2025
Required public comment period (two 30 day)	April – May 2025
RTC Adoption	June 2025
Federal Conformity Determination	December 2025

CONTACT US



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Public Engagement Goals

01

OPPORTUNITY

Create public input forums, both online and in person, that provide opportunities for meaningful public input.

02

INPUT

Encourage Dallas-Fort Worth residents to provide input throughout the development of Mobility 2050.

03

EDUCATION

Increase awareness of the Mobility Plan, transportation funding realities, and planning efforts in the Dallas-Fort Worth region.

04

EQUITY

Engage demographic groups traditionally underrepresented in the transportation planning process, including low-income, minority, and LEP populations.

Outreach Methods

In-Person/Tangible

Direct approach for traditionally underserved groups

- Public meetings
 - Option to stream
- Opportunities for Enhanced Community Engagement
- Postcards
- M2050 paper survey
- Committee consultation

Virtual

Blanket-the-Region approach

- Map Your Experience
- Public Input portal
- M2050 survey
- Media outreach
 - Social media @nctcogtrans
 - Website
 - News releases
 - NCTCOG publications posted online
- Paid advertising
 - Instagram/Facebook M2050 survey push
 - YouTube MYE video
 - Google SEO

Census Bureau: Asian and Pacific Island Languages

Regional Percentage: 1.73%

Asian and Pacific Island languages	Chinese (incl. Mandarin, Cantonese)	Mandarin Chinese, Min Nan Chinese (incl. Taiwanese), Yue Chinese (Cantonese)
	Japanese	Japanese
	Korean	Korean
	Hmong	Hmong
	Vietnamese	Vietnamese
	Khmer	Central Khmer (Cambodian)
	Thai, Lao, or other Tai-Kadai languages	Thai, Lao
	Other languages of Asia	Burmese, Karen, Turkish, Uzbek
	Tagalog (incl. Filipino)	Tagalog, Filipino
	Ilocano, Samoan, Hawaiian, or other Austronesian languages	Cebuano (Bisayan), Hawaiian, Iloko (Ilocano), Indonesian, Samoan

Census Bureau: Other Indo-European Languages

Regional Percentage: 0.81%

Other Indo-European languages	French (incl. Cajun)	French, Cajun
	Haitian	Haitian
	Italian	Italian, Sicilian
	Portuguese	Portuguese, Kabuverdianu
	German	German, Luxembourgish
	Yiddish, Pennsylvania Dutch or other West Germanic languages	Dutch, Yiddish
	Greek	Greek
	Russian	Russian
	Polish	Polish
	Serbo-Croatian	Bosnian, Croatian, Serbian
	Ukrainian or other Slavic languages	Bulgarian, Czech, Ukrainian
	Armenian	Armenian
	Persian (incl. Farsi, Dari)	Iranian Persian (Farsi), Dari
	Gujarati	Gujarati
	Hindi	Hindi
	Urdu	Urdu
	Punjabi	Punjabi (Panjabi)
	Bengali	Bengali
	Nepali, Marathi, or other Indic languages	Nepali, Marathi, Konkani
	Other Indo-European languages	Albanian, Lithuanian, Pashto (Pushto), Romanian, Swedish
	Telugu	Telugu
	Tamil	Tamil
	Malayalam, Kannada, or other Dravidian languages	Malayalam, Kannada

Connecting to the Planning Process

