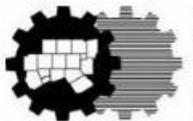


2023-2026 TRANSPORTATION IMPROVEMENT PROGRAM (TIP) DOCUMENT AND FINAL STATEWIDE TIP (STIP) LISTINGS

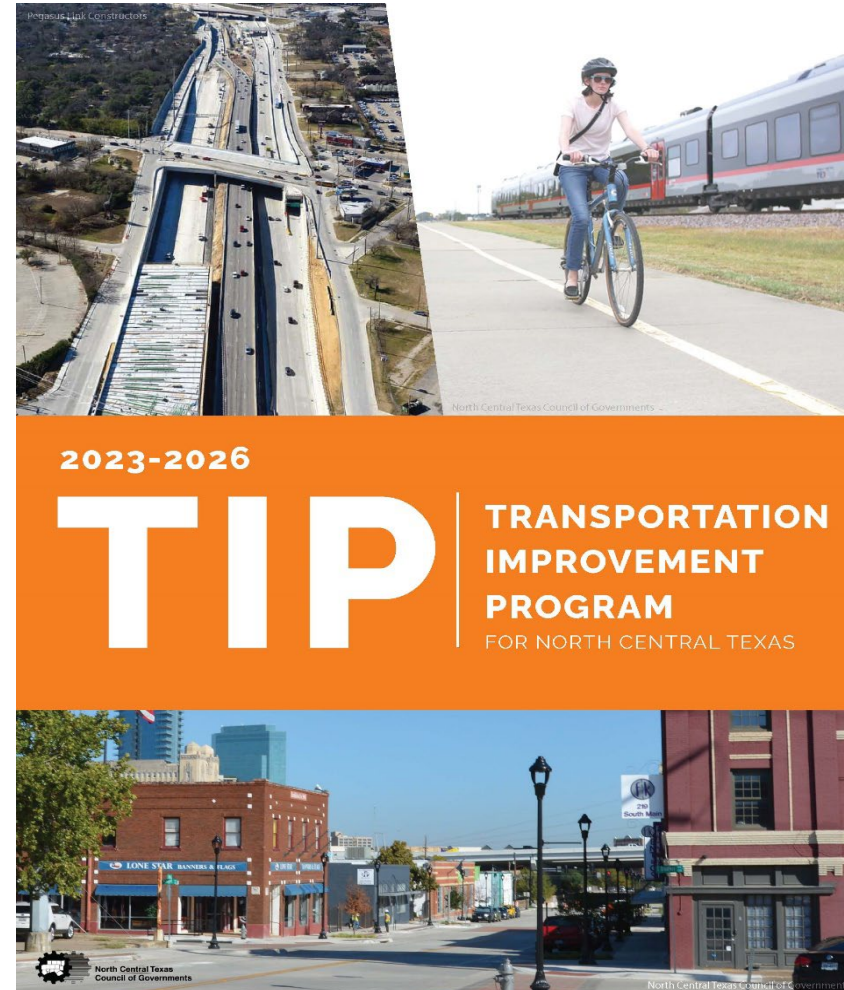
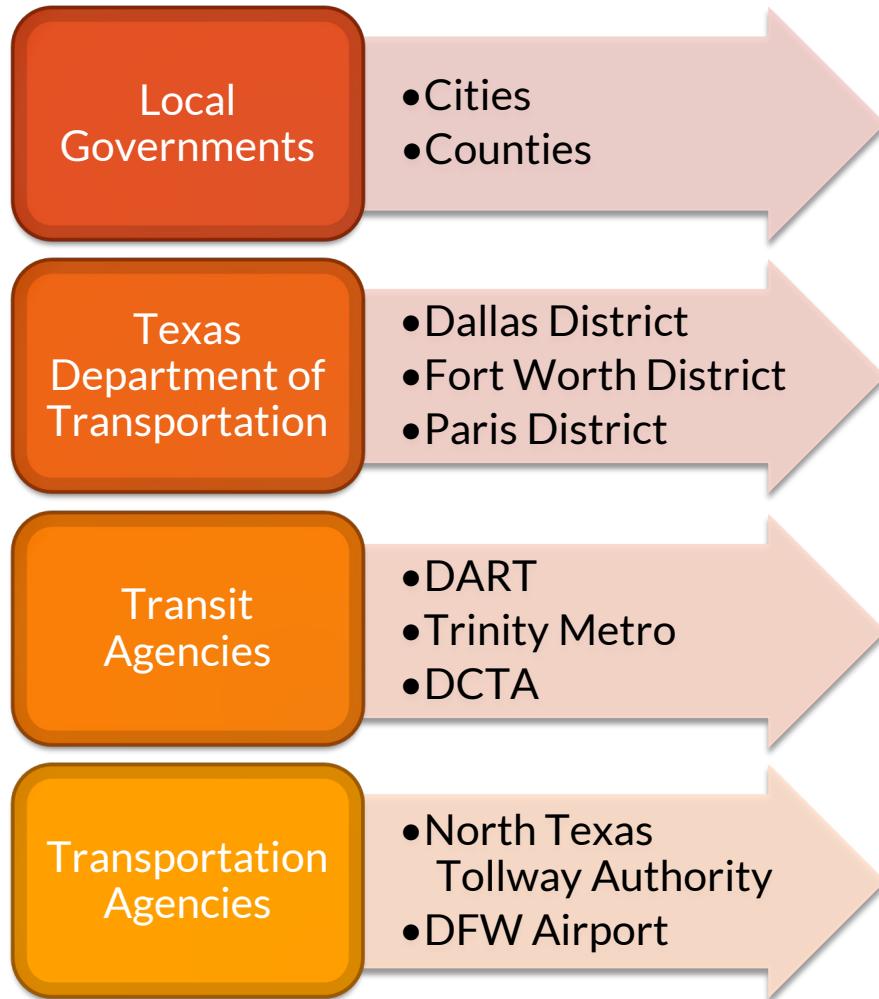
Surface Transportation Technical Committee

May 27, 2022



North Central Texas
Council of Governments
Transportation Department

TRANSPORTATION FUNDING AND PROJECT IMPLEMENTATION: A COOPERATIVE EFFORT



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
- **Finalize project listings and TIP Document and submit to the Texas Department of Transportation (TxDOT) and Federal Highway Administration (FHWA)**

SCOPE OF PROGRAMMING

- \$8.61 Billion in the 2023-2026 TIP (Roadway and Transit)
 - \$4.96 Billion in Federal Commitments
 - \$1.35 Billion in State Commitments
 - \$0.09 Billion in Regional Commitments
 - \$1.26 Billion in Local Commitments
 - \$0.95 Billion in Transit Formula Commitments
- 1,018 Active Projects (Roadway and Transit)
 - 611 Active Projects in 2023-2045
- 71 Implementing Agencies (Roadway and Transit)

TIMELINE/ACTION

Meeting/Task	Date
Meeting with Implementing Agencies	May-September 2021
Data Input, Financial Constraint, and Analysis	June 2021-February 2022
Draft Listings - STTC Information	February 2022
Draft Listings - RTC Information	March 2022
Draft Listings - Public Involvement	March 2022
Draft Project Listings - STTC Action	April 2022
TIP Document and Final STIP Listing – Public Involvement	May 2022
Draft Project Listings – RTC Action	May 2022
TIP Document and Final STIP Listing – STTC Consent Agenda	May 2022
TIP Document and Final STIP Listing – RTC Consent Agenda	June 9, 2022
Submit Final Document to TxDOT	June 24, 2022
Anticipated TxDOT Commission Approval (for STIP)	August 2022
Anticipated Federal/State Approval (STIP)	October/November 2022

REQUESTED ACTION

- Recommend RTC approval of:
 - The 2023-2026 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 to reflect these changes

QUESTIONS/COMMENTS

Christie J. Gotti
Senior Program Manager
Ph: (817) 608-2338
cgotti@nctcog.org

Brian Dell
Principal Transportation Planner
Ph: (817) 704-5694
bdell@nctcog.org

Cody Derrick
Transportation Planner III
Ph: (817) 608-2391
cderrick@nctcog.org



NCTCOG PRESENTATION

**Air Quality Funding Recommendations
Related to the Environmental Protection
Agency (EPA) National Clean Diesel
Funding Assistance Program**

**SURFACE TRANSPORTATION
TECHNICAL COMMITTEE**

May 27, 2022

**Jason Brown,
Principal Air Quality Planner**

Round 2 Funding and Applicant Eligibility

Funding Source: Environmental Protection Agency (EPA) National Clean Diesel Funding Assistance Program

Call for Projects	North Texas Clean Diesel Project 2021
Project Types	Replace Onroad and Nonroad Diesel Engines/Vehicles/Equipment; Replace Transport Refrigeration Units and Drayage Vehicles; Install Locomotive Shore Power
Round 2 Available Funding*	\$582,687
Applicants	Private Fleets and Companies; Public Entities such as Local Governments
Geographic Area	10-County Nonattainment Area**

*Call for Projects Opened with Available Rebate Funding of \$1,531,290; Round 1 (closed on January 14, 2022) Awarded \$948,603.

**This includes Collin, Dallas, Denton, Ellis, Johnson, Kaufman, Parker, Rockwall, Tarrant, and Wise counties.



Summary of Applications Awarding Round 2 Funds

North Texas Clean Diesel Call for Projects*

Applicant	Activities Requested	Applicant Eligible	Activities Eligible	Funds Requested	Award Status	Recommend	
						Activities	Funds
Smurfit Kappa	1	Yes	1	\$133,426	Full - 45%	1	\$133,426
All-Electric Replacement Terminal Tractor; 45% Funding Level Eligible							
Hirschbach Motor Lines	1	Yes	1	\$179,778	Full - 45%	1	\$179,778
All-Electric Replacement Truck; 45% Funding Level Eligible							
City of Dallas	5	Yes	5	\$775,948	Full - 35%	1	\$155,190
					Partial** - 25%	1	\$114,293
CARB Low-NOx Certified Compressed Natural Gas Refuse Haulers; 35% Funding Level Eligible							
Total Round 2 Amount Used for Full Awards and Partial Award						\$582,687	



*Refer to Electronic Item 2.2.2 for More Details.

**Total Round 2 Amount Minus Three Full-Award Projects Equates to Partial-Award Amount

Summary of Applications Awarding Additional Funds

North Texas Clean Diesel Call for Projects*

Due to an unobligated project, NCTCOG awaits EPA's approval to make \$825,000 available for project recommendations and call for projects.

If approved by EPA, NCTCOG recommends to fully award all five City of Dallas projects up to 35% funding level and use remaining funds to open the next call for projects round.

Applicant	Activities Requested	Applicant Eligible	Activities Eligible	Funds Requested	Award Status	Recommend	
						Activities	Funds
Available Funding for Project Recommendations and Call for Projects							\$825,000
City of Dallas	5	Yes	5	\$775,948	Partial** - 10%	1	\$40,897
					Full - 35%	3	\$465,570
CARB Low-NOx Certified Compressed Natural Gas Refuse Haulers; 35% Funding Level Eligible							
Approximate Remaining Funding for Call for Projects							\$318,533



*Refer to Electronic Item 2.2.2 for More Details. **Two Partial-Awards Equates to 35%.

Project Eligibility

North Texas Clean Diesel Project 2021

Eligible Activities	Funding Threshold		
<p><u>Replace Onroad Diesel Vehicles and Engines*</u></p> <ul style="list-style-type: none"> • GVWR: 16,001 and Up; • EMY: Older - 2009 (Also EMY 2010 - Newer if Replacing with Electric); • Must Operate > 7,000 Miles/Year during 24 Months Prior to Application 	<u>Replacement Type</u>	<u>Vehicles/ Equipment</u>	<u>Engines</u>
	New is Electric (Zero Emission):	45%	60%
	Cost if New is Powered by Certified to CARB Optional Low-NOx Standards:	35%	50%
	Cost for All Others or EPA Certified:	25%	40%
<p><u>Replace Nonroad Diesel Equipment*</u></p> <ul style="list-style-type: none"> • Must Operate > 500 Hours/Year during 24 Months Prior to Application; • Eligible Tiers Vary 	New is Electric (Zero Emission):	45%	60%
	Cost if New is Powered by Certified to CARB Optional Low-NOx Standards:	35%	50%
	Cost for All Others or EPA Certified:	25%	40%

*All old vehicles/engines/equipment must be scrapped; other model years eligible on case-by-case basis. California Air Resources Board (CARB); Engine Model Year (EMY); Gross Vehicle Weight Rating (GVWR)



Eligibility and Scoring Criteria

North Texas Clean Diesel Project 2021

Characteristics	Rebate Program	
	Purpose: Reduces administrative burden as compared to a subgrant program.	
	Competitive Application Process	
	Purpose: Choose the best activities for our region.	
Eligibility	Operate in Required Geographic Area	
	Clean Fleet Policy Adoption Purpose: Reserve Funding for Fleets that are Engaged Beyond Grant Opportunities; Consistent with RTC Adoption of Clean Fleet Policy	
Scoring Criteria	Criteria	% of Total Score
	Cost Per Ton NOx Emissions Reduced Purpose: Maximize Emissions Reductions	70%
	Rebate Recipient Oversight Criteria Purpose: Balance Project Benefits with Administrative Burden	25%
	Geographic Impact Criteria Purpose: Preference to Projects Operating in Environmental Justice Areas	5%



Schedule

Milestone	Estimated Timeframe
STTC Action to Recommend Rebate	May 27, 2022
RTC Approval of Recommended Rebate	June 9, 2022
Executive Board Authorization	June 23, 2022
Next Interim Application Deadline (NCTCOG awaits EPA approval to make \$825,000 available for call for projects & recommendations. Rolling 90-day deadline until all funds awarded or until project implementation deadline)	TBD
Project Implementation Deadline	January 31, 2024



Action Requested

Recommend RTC Approval of Recommended Rebate Awards and Call for Projects:

North Texas Clean Diesel Project 2021

1. \$133,426 (full rebate award) to Smurfit Kappa to replace class 8 diesel terminal tractor with an all-electric terminal tractor
2. \$179,778 (full rebate award) to Hirschbach Motor Lines to replace class 8 diesel yard truck with an all-electric yard truck
3. City of Dallas Recommended Activities
 - A. \$155,190 (full rebate award) to replace two class 8 diesel refuse haulers with one CARB low-NOx certified compressed natural gas refuse hauler
 - B. \$114,293 (partial rebate award) to replace class 8 diesel refuse hauler with CARB low-NOx certified compressed natural gas refuse hauler
 - C. \$506,467 (full rebate awards) to replace class 8 diesel refuse haulers with CARB low-NOx certified compressed natural gas refuse haulers using available funds from an unobligated project upon EPA approval
4. Open Call For Projects Round 3 with remaining funds upon EPA approval



CONTACT US



Huong Duong
Air Quality Planner
HDuong@nctcog.org | 817-704-5678



Trey Pope
Air Quality Planner
Tpope@nctcog.org | 817-695-9297



Jason Brown
Principal Air Quality Planner
Jbrown@nctcog.org | 817-704-2514



Chris Klaus
Senior Program Manager
Cklaus@nctcog.org | 817-695-9286



FUNDING PARTNERSHIP WITH FORT WORTH AND TRINITY METRO \$ IN MILLIONS

Equates to \$62.06M
in New RTC Funding

	Existing RTC Federal	New RTC Federal	FTA Federal	TxDOT	Trinity Metro (Local)	Fort Worth (Local)	Private Sector	INFRA	TDCs ¹ (Regional)	Total Funding
TEXRail Extension to Hospital District	20.00 ²	51.36 ³	38.90		38.04 +6.46 +3.50	7.17	1.57 ⁴		21.10	167.00
Katy Lofts	-11.36						11.36 ⁵			11.36
E. Lancaster Corridor	40.00 ⁶			10.00 30.00		10.00 ⁷	2.00 ⁸	100.00		160.00 182.00
Trinity Lakes Station	6.69 ⁹	20.05 ²			-6.46				5.35	26.74
Guaranteed Transit (IH 35W)	14.00 ²	2.01 ²			-3.50				3.20	16.01

1. Transportation Development Credits
2. Congestion Mitigation Air Quality Improvement Program (CMAQ) federal funding
3. Includes \$11.362M removed from Katy Lofts, plus \$40M in CMAQ federal funding
4. Baylor, Scott, and White Hospital
5. Private Sector Developer of Katy Lofts Site

6. Category 2 funds
7. \$10M from Bond Program, \$6.43M potentially later
8. Franchise Utilities & Water/Sewer
9. \$4.5M CMAQ and \$2.19M Surface Transportation Block Grant funds

MOBILITY 2045 UPDATE

ACTION ITEM: DRAFT FINAL PLAN

Surface Transportation Technical Committee

May 27, 2022

TIMELINE

DATE	ACTIVITY
April – December 2021	RTC & STTC – Mobility Plan Update Schedule, Project Selection, and Demographic Assumptions
January 2022	RTC – Mobility Plan Update Progress
January 2022	STTC – Mobility Plan Update Progress
February 2022	RTC – Mobility Plan Update Progress
February 2022	STTC – Action Requested: Recommend RTC Direct Staff to Enter Public Comment Period
March 2022	RTC – Action Requested: Direct Staff to Enter Public Comment Period
March 2022	STTC – Mobility Plan Update Progress
April – May 2022	Official Public Comment Period
April 2022	RTC – Mobility Plan Update Progress
April 2022	STTC – Mobility Plan and Air Quality Conformity
May 2022	RTC – Mobility Plan and Air Quality Conformity
May 2022	STTC – Action Requested: Recommend RTC Adopt Mobility 2045 - 2022 Update
June 2022	RTC – Action Requested: Adopt Mobility 2045 - 2022 Update

MAJOR MOBILITY PLAN COMPONENTS

PLAN CONTENT

PROGRAMS

POLICIES

PROJECTS

Information

Results and Recommendations
Available for Public Review
(60 Days)

FINANCIAL PLAN

FINANCIAL
CONSTRAINT

Information

Results and Recommendations
Available for Public Review
(60 Days)

NONDISCRIMINATION ANALYSIS

NO DISPARATE
IMPACTS

Information

Results and Recommendations
Available for Public Review
(60 Days)

AIR QUALITY CONFORMITY

CONSISTENCY
WITH
FEDERAL/STATE
AIR QUALITY
GOALS

Information

Results and Recommendations
Available for Public Review
(30 Days)

PLAN CONTENT: RECENT REVISIONS

Mobility 2045: 2022 Update

The Mobility 2045: 2022 Update draft materials are available. Reasonable funding sources to help meet the current and growing transportation needs will be included in the draft plan. Consideration of the draft plan by the **Regional Transportation Council** is expected on June 9, 2022.

Draft Plan Materials

Draft Maps



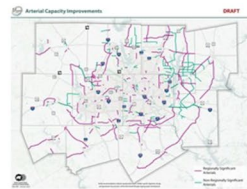
Changes to Major Roadway Recommendations



Major Roadway Recommendations



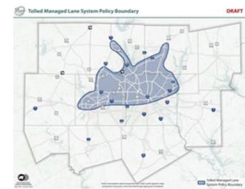
Highway Corridor Projects



Arterial Capacity Improvements



Priced Facilities



Tolled Managed Lane System Policy Boundary



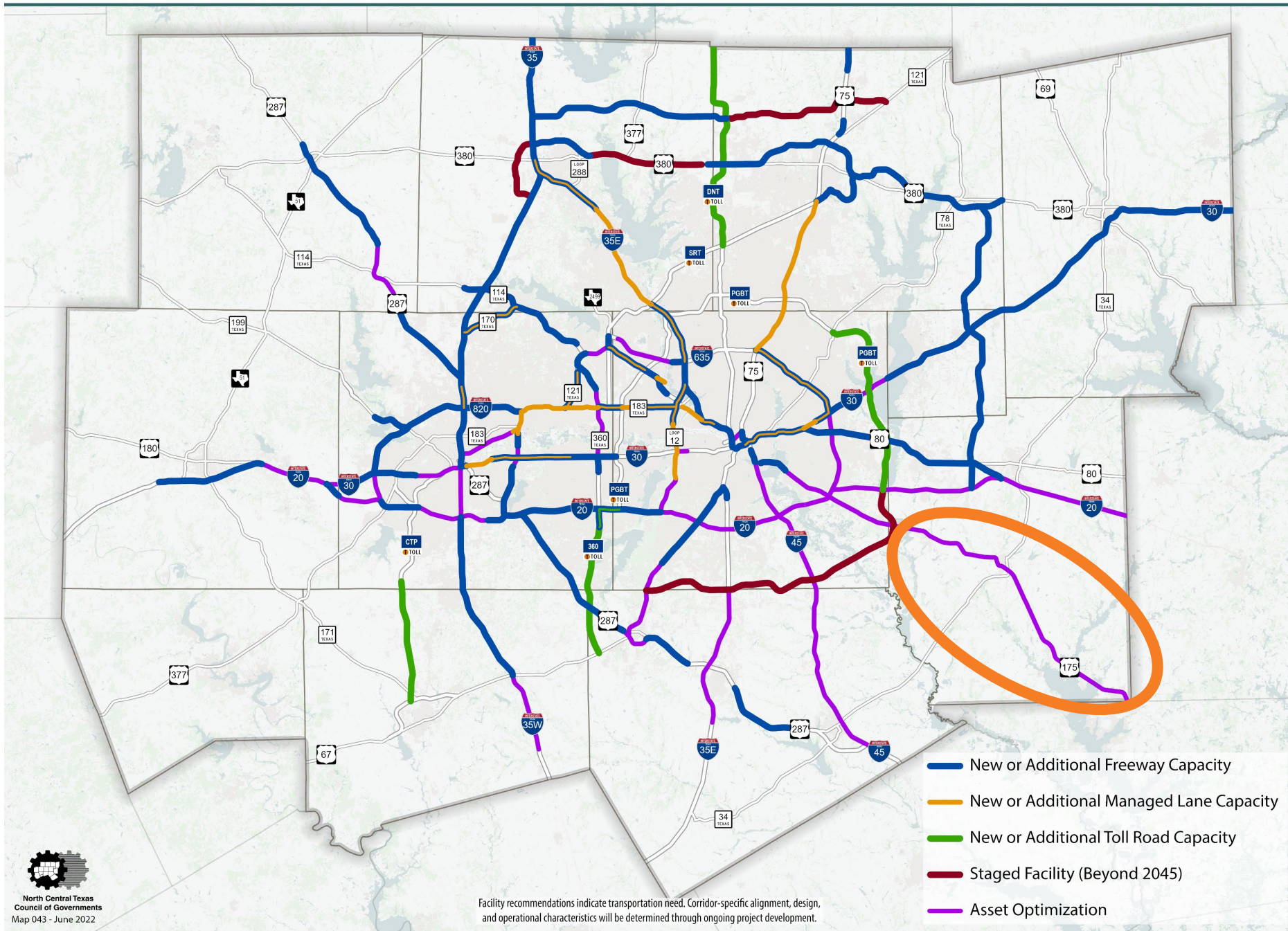
www.nctcog.org/PlanInProgress

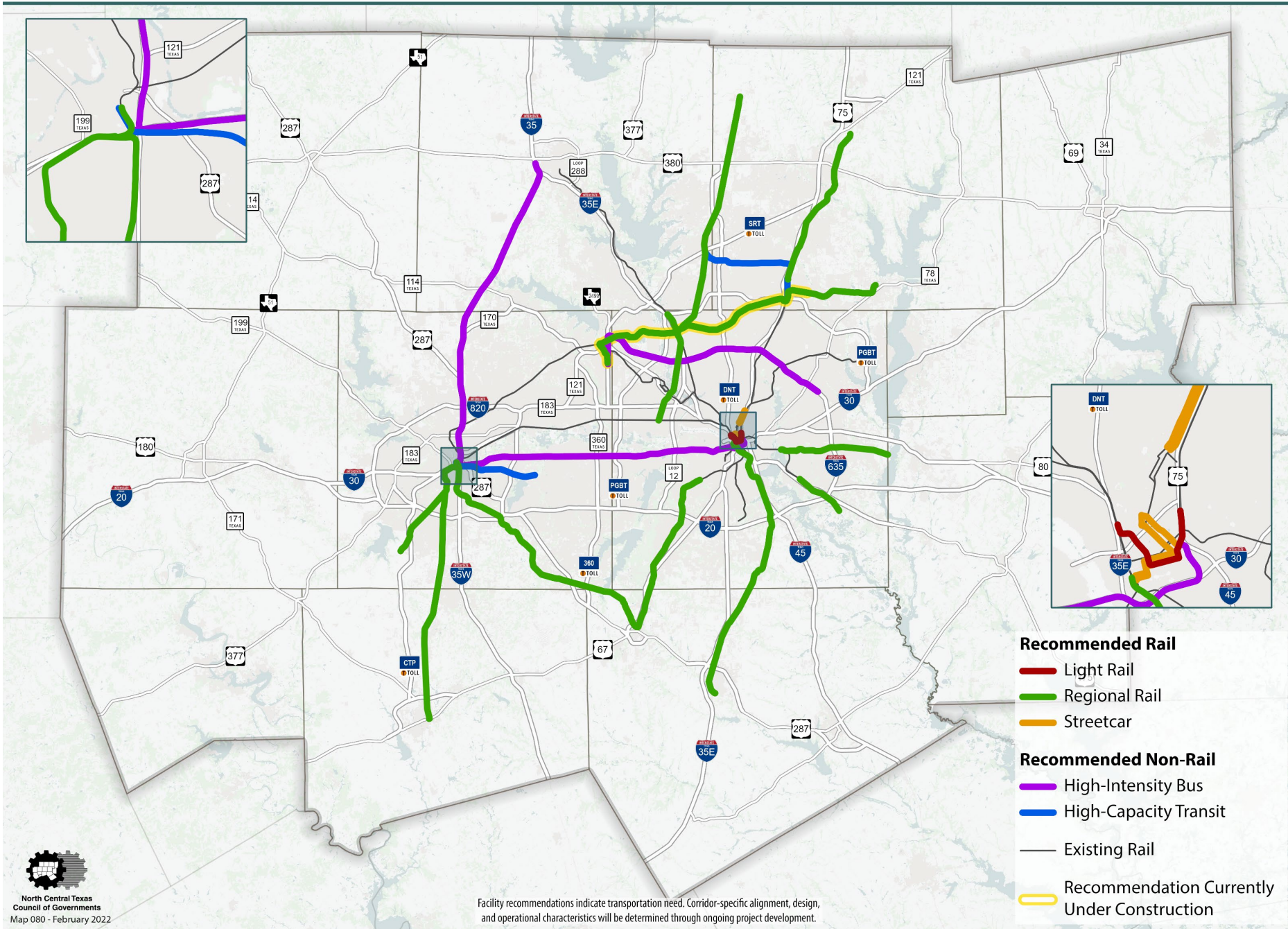
Project Maps/Listings

- Select Asset Optimization, Freeway/Tollway, and RSA identification numbers and costs updated to make consistent with TIP
- Project development phases and staging adjustments for consistency
- Only change to map recommendations: added one asset optimization project for US 175

Chapter Content


- Map Your Experience summaries added to Mobility Options and Social Considerations chapters
- Air Quality Conformity results added to Environmental Considerations chapter
- Financial Reality chapter updated with final figures





PUBLIC COMMENTS: MAJOR THEMES

Make sure transportation
"accessible to ALL disabilities,
like wheelchairs, vision
impairment, walkers, etc."

"I hope future projects will
include Vision Zero goals,
incorporate mass transit
and safe dedicated bicycle
infrastructure." 

Question and Comment Topics:

Support for expansion
of transit network
including rail to
alleviate congestion

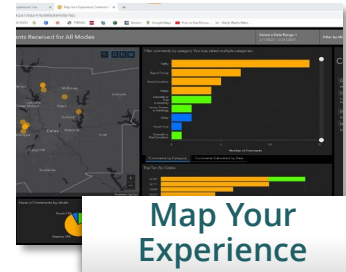
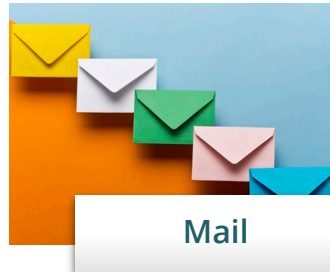
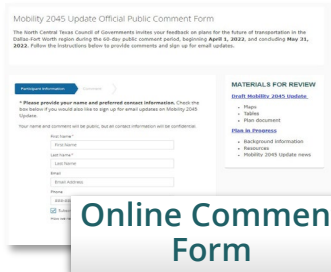
Congestion and
maintenance
relationship

Cost of congestion
methodology

Safety included as part
of Mobility Plan

Add capacity to
suburban highways to
alleviate downtown
congestion

Expanding trails and
pedestrian access



DRAFT FINANCIAL PLAN EXPENDITURES

MAXIMIZE EXISTING SYSTEM

Infrastructure Maintenance

Maintain and operate existing transit and roadway facilities

\$39.5 B

Management and Operations

Improve efficiency and remove trips from system

\$9.6 B

Growth, Development, and Land Use Strategies

Improve transportation and land use balance

\$1.5 B

STRATEGIC INFRASTRUCTURE INVESTMENT

Rail and Bus

Encourage switch to transit

\$44.9 B

HOV/Managed Lanes

Increase auto occupancy

\$52.8 B

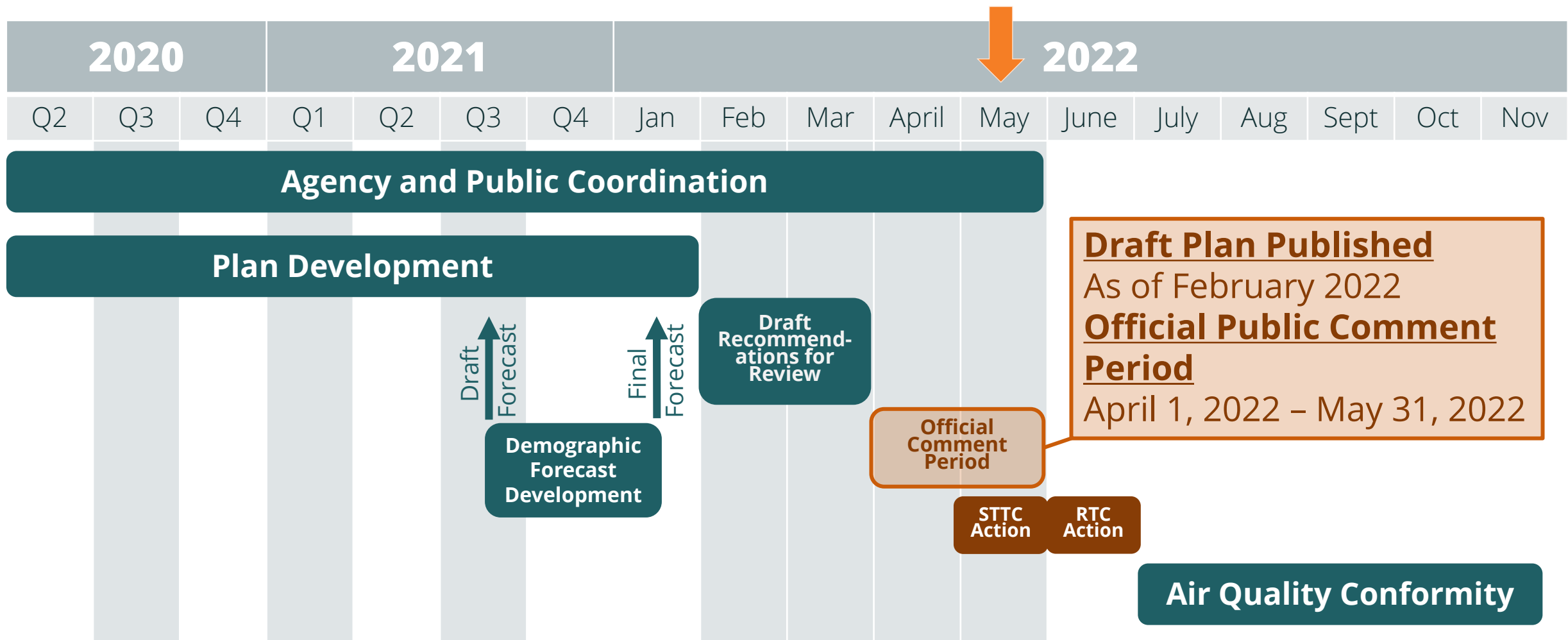
Freeways/Tollways and Arterials

Add vehicle capacity

TOTAL

\$148.3 B

PLAN SCHEDULE



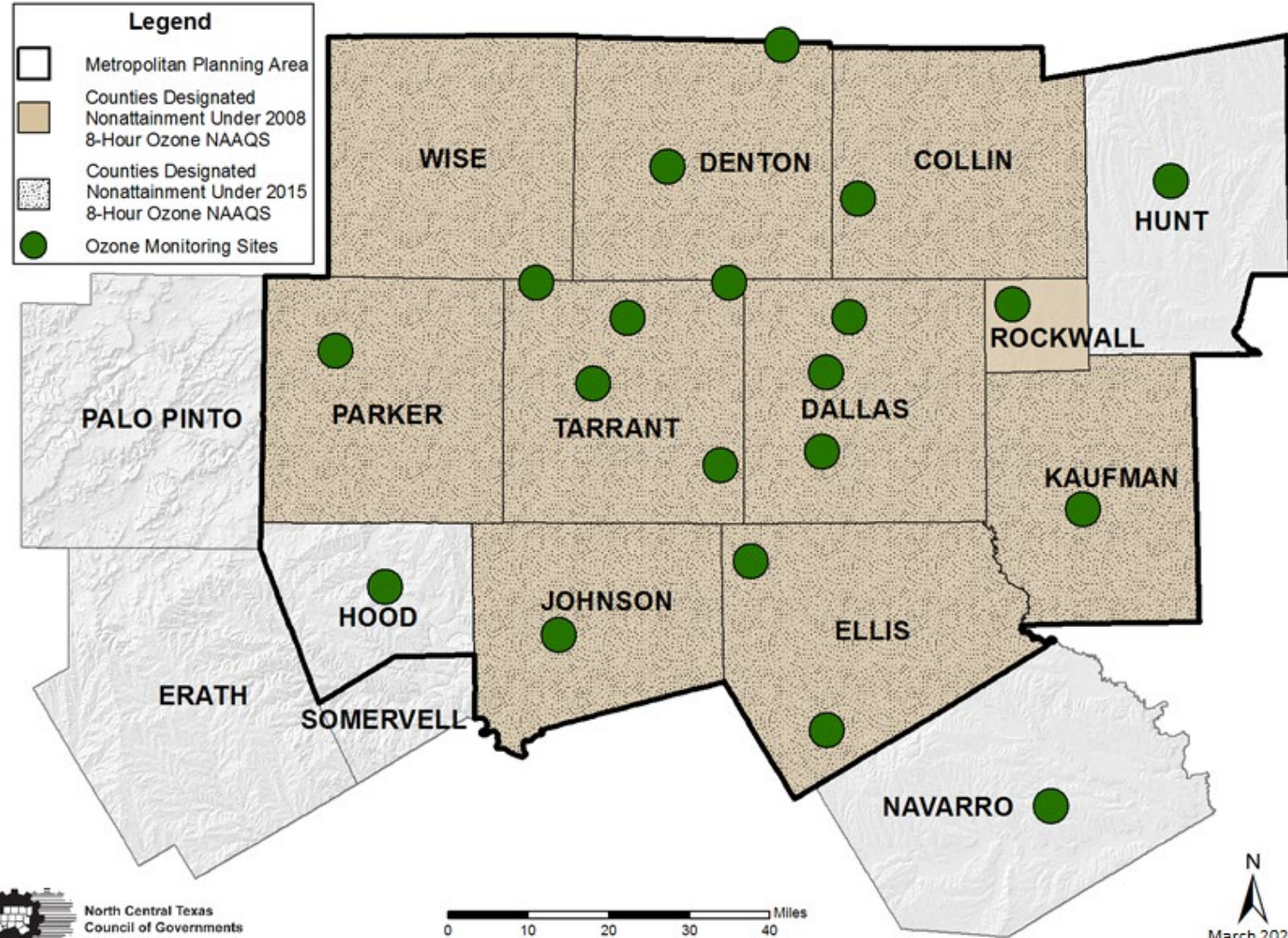
Notes:

- Public meetings held during highlighted months.
- Regional Transportation Council action on Mobility 2045 Update scheduled for June 9, 2022.

TRANSPORTATION CONFORMITY

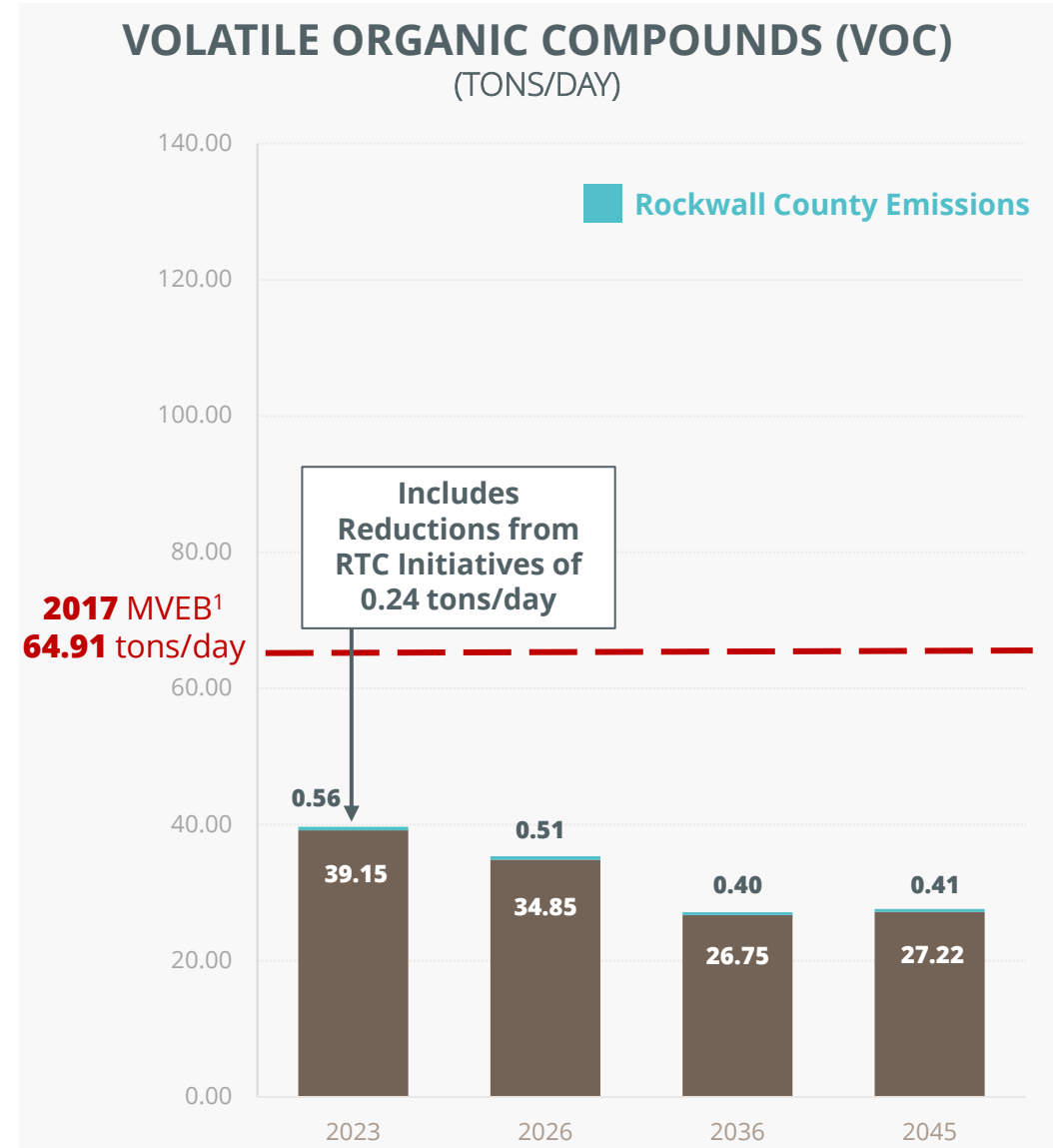
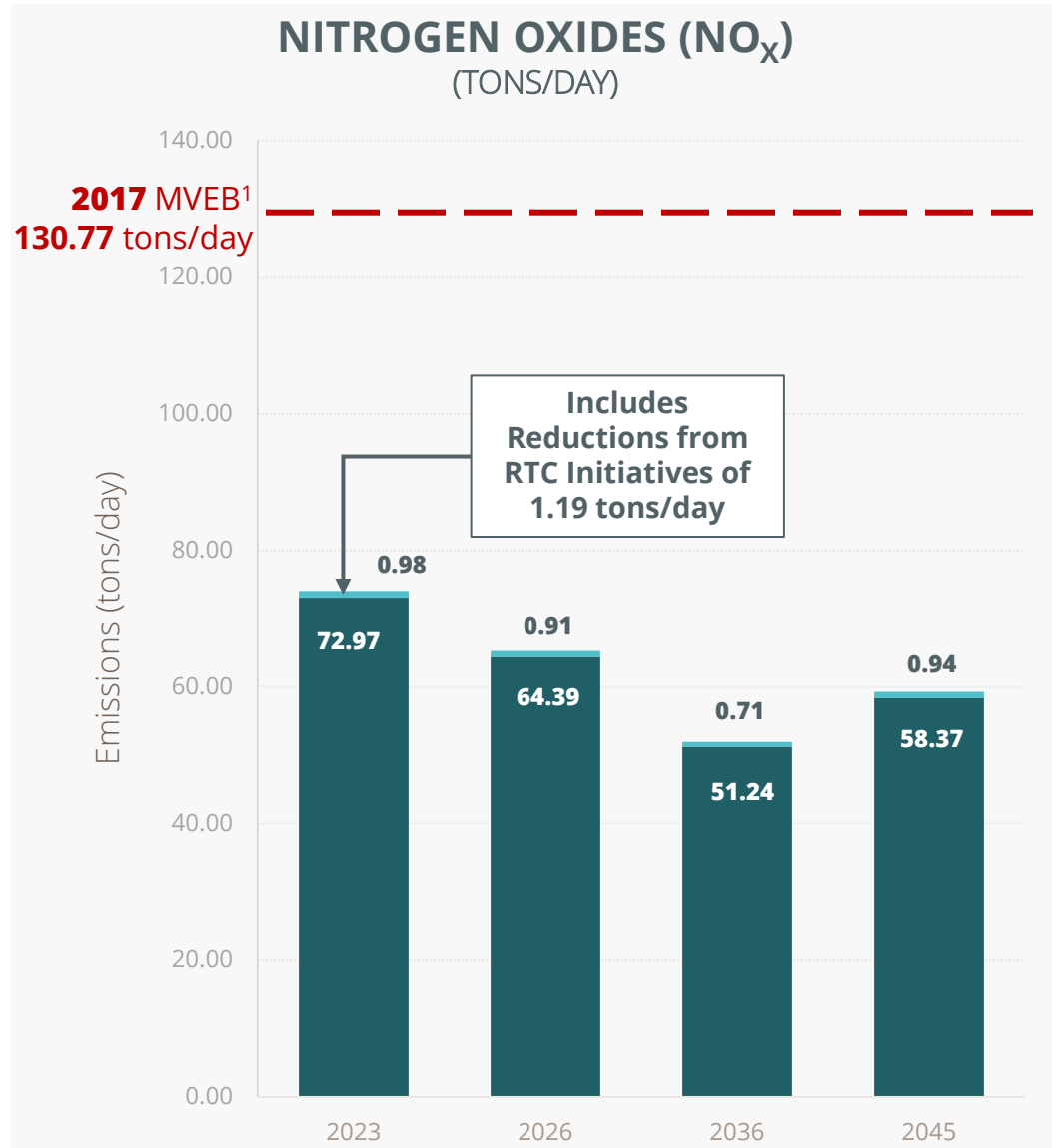
2022 TRANSPORTATION AIR QUALITY CONFORMITY ANALYSIS

Nonattainment Areas Under the 8-Hour Ozone Standards



2023 TRANSPORTATION CONFORMITY RESULTS

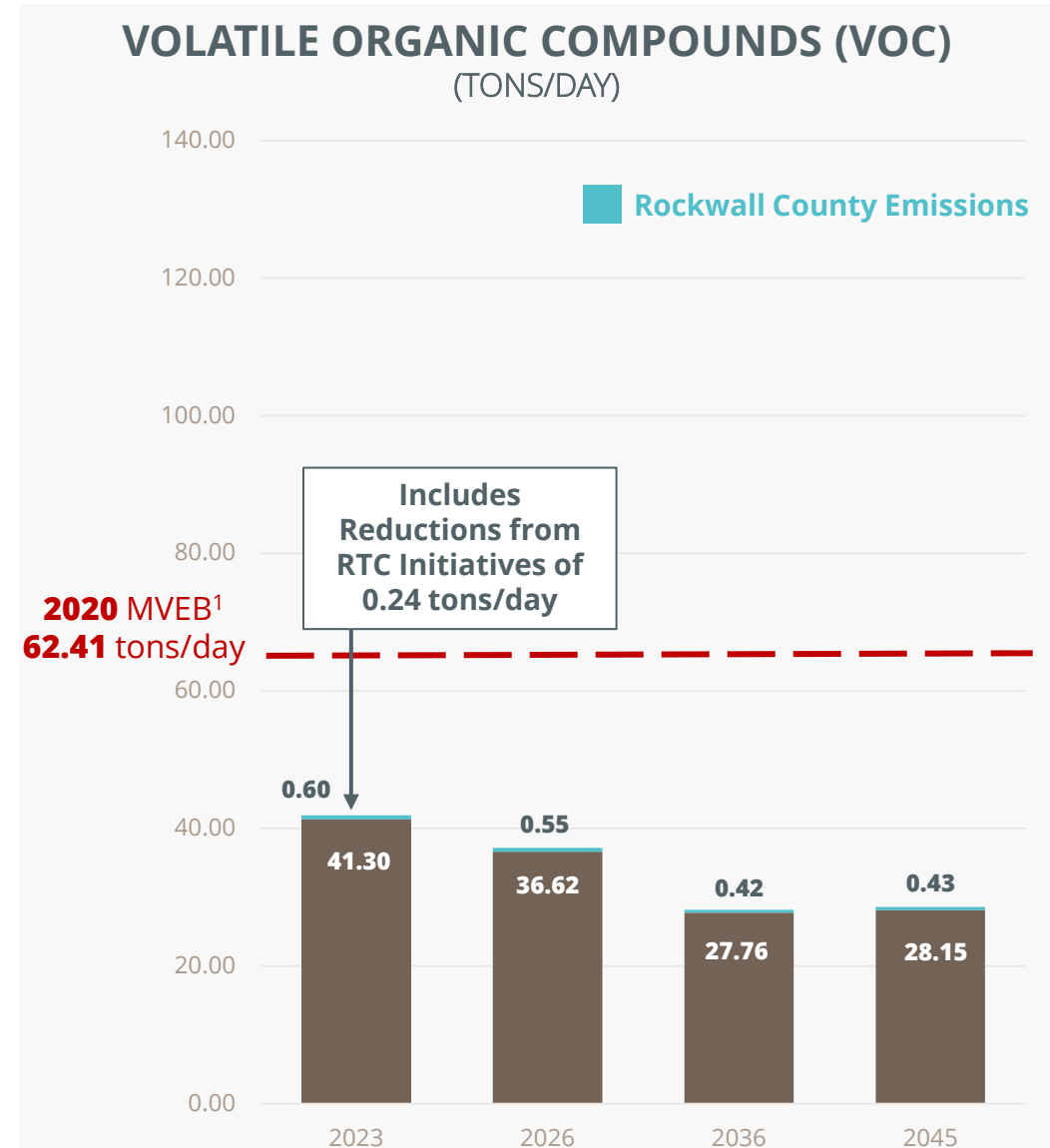
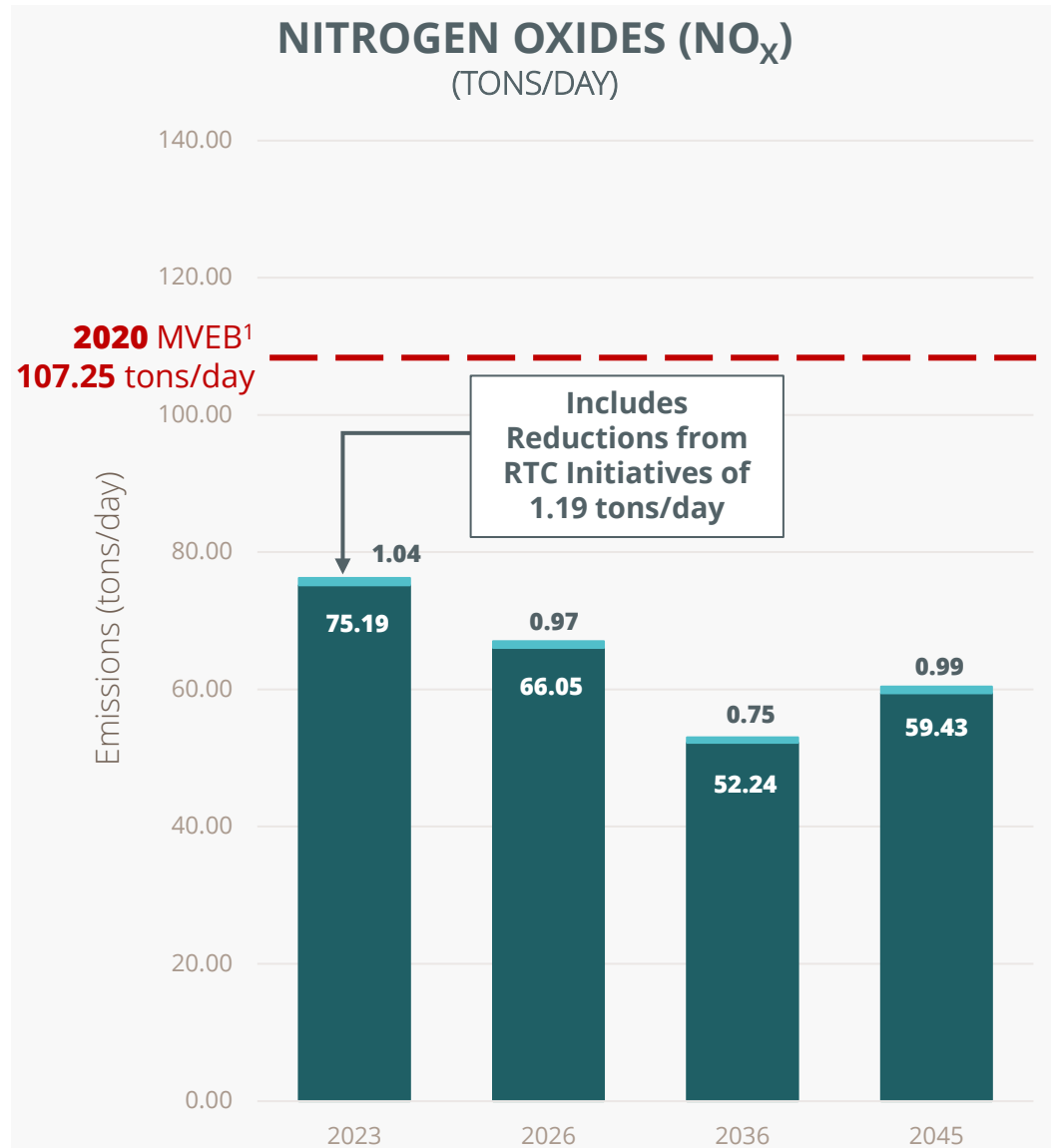
(SCENARIO 1) **DRAFT**



¹Adequacy Status of the Dallas-Fort Worth, Texas Attainment Demonstration 8-Hour Ozone Motor Vehicle Emission Budgets for Transportation Conformity Purposes, [81 FR 78591](#)

2023 TRANSPORTATION CONFORMITY RESULTS

(SCENARIO 2) **DRAFT**



¹Anticipated Dallas-Fort Worth, Texas Reasonable Further Progress 8-Hour Ozone Motor Vehicle Emission Budgets for Transportation Conformity Purposes, [85 FR 64084](#)



ACTION REQUESTED

The Surface Transportation Technical Committee endorses the projects, programs, and policies contained in Mobility 2045 Update and recommends the Regional Transportation Council adopt the Mobility 2045 Update and associated 2022 Transportation Conformity as presented.

CONTACTS

Mobility Plan



Amy Johnson

Senior Transportation Planner

ajohnson@nctcog.org

817-704-5608



Brendon Wheeler, PE, CFM

Program Manager

bwheeler@nctcog.org

682-433-0478

Environmental Coordination | Environmental Justice



Kate Zielke

Principal Transportation Planner

kzielke@nctcog.org

817-608-2395

Air Quality Conformity



Vivek Thimmavajjhala

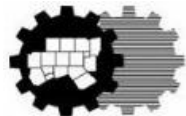
Transportation System Modeler

vthimmavajjhala@nctcog.org

817-704-2504

DALLAS-FORT WORTH EAST/WEST FUNDING DISTRIBUTION FOR THE INFRASTRUCTURE INVESTMENT & JOBS ACT (IIJA)

Surface Transportation Technical Committee
May 27, 2022



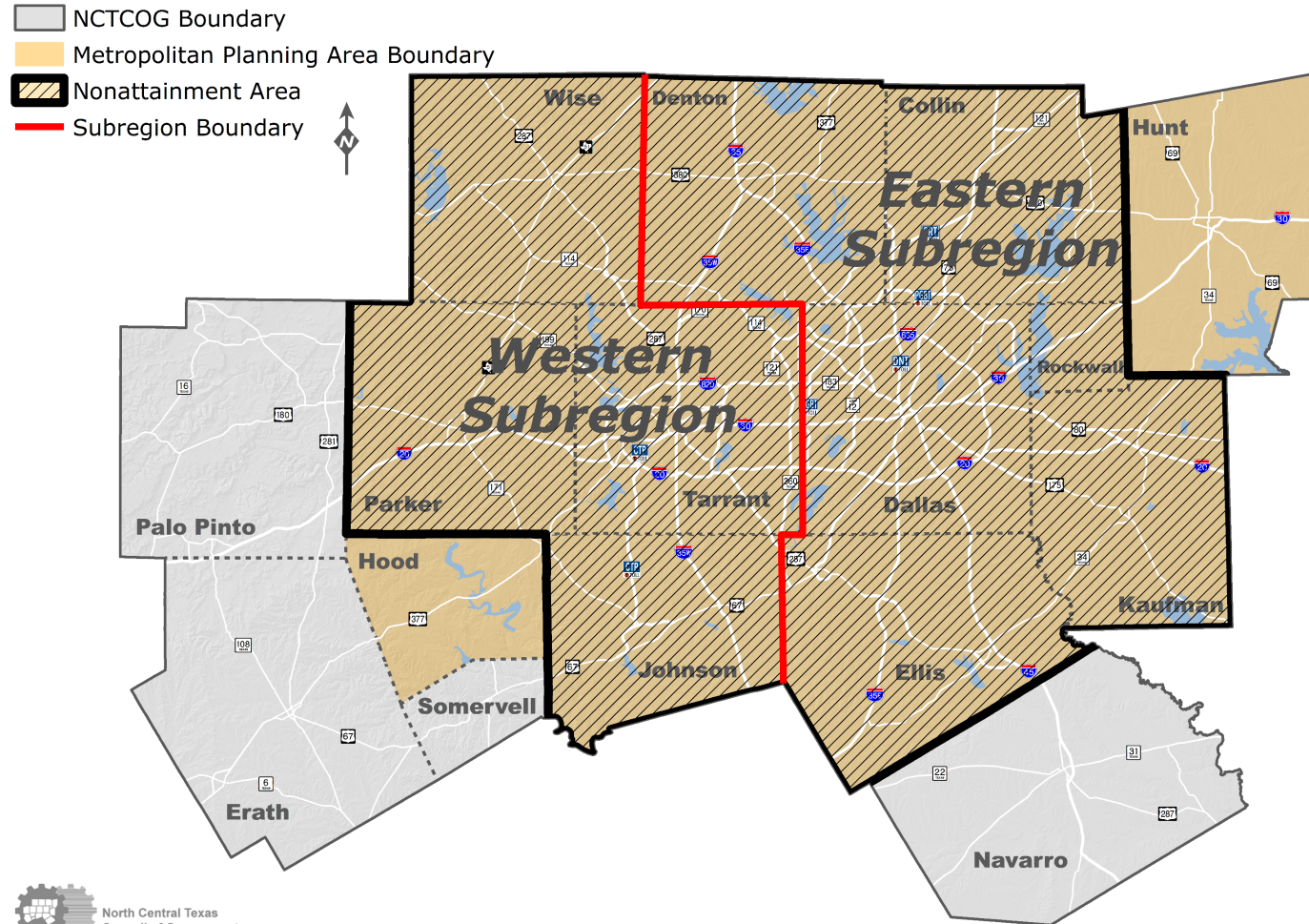
North Central Texas
Council of Governments
Transportation Department

BACKGROUND

- Federal funding comes to our region from federal transportation apportionments via the Texas Department of Transportation (TxDOT).
- Apportionments are based on several factors (e.g., population, emissions) depending on the funding source.
- While funds cannot be sub-allocated to cities or counties (per federal law), we can split funds along TxDOT District lines.
- This practice has helped our region stay focused on overall priorities vs. who has received what funding when. Instead, each subregion works within their available funding.
- Regional Transportation Council (RTC) bylaws state that funding distributions are to be re-evaluated with each new transportation funding bill for air quality and mobility funds; transit funds are re-evaluated each year as federal apportionments are received.
- On November 15, 2021, the Infrastructure Investment & Jobs Act (IIJA) was signed into law, necessitating a review of the latest East/West funding distribution.

EASTERN/WESTERN SUBREGION BOUNDARY AND NON-ATTAINMENT AREA

North Central Texas Council of Governments Region

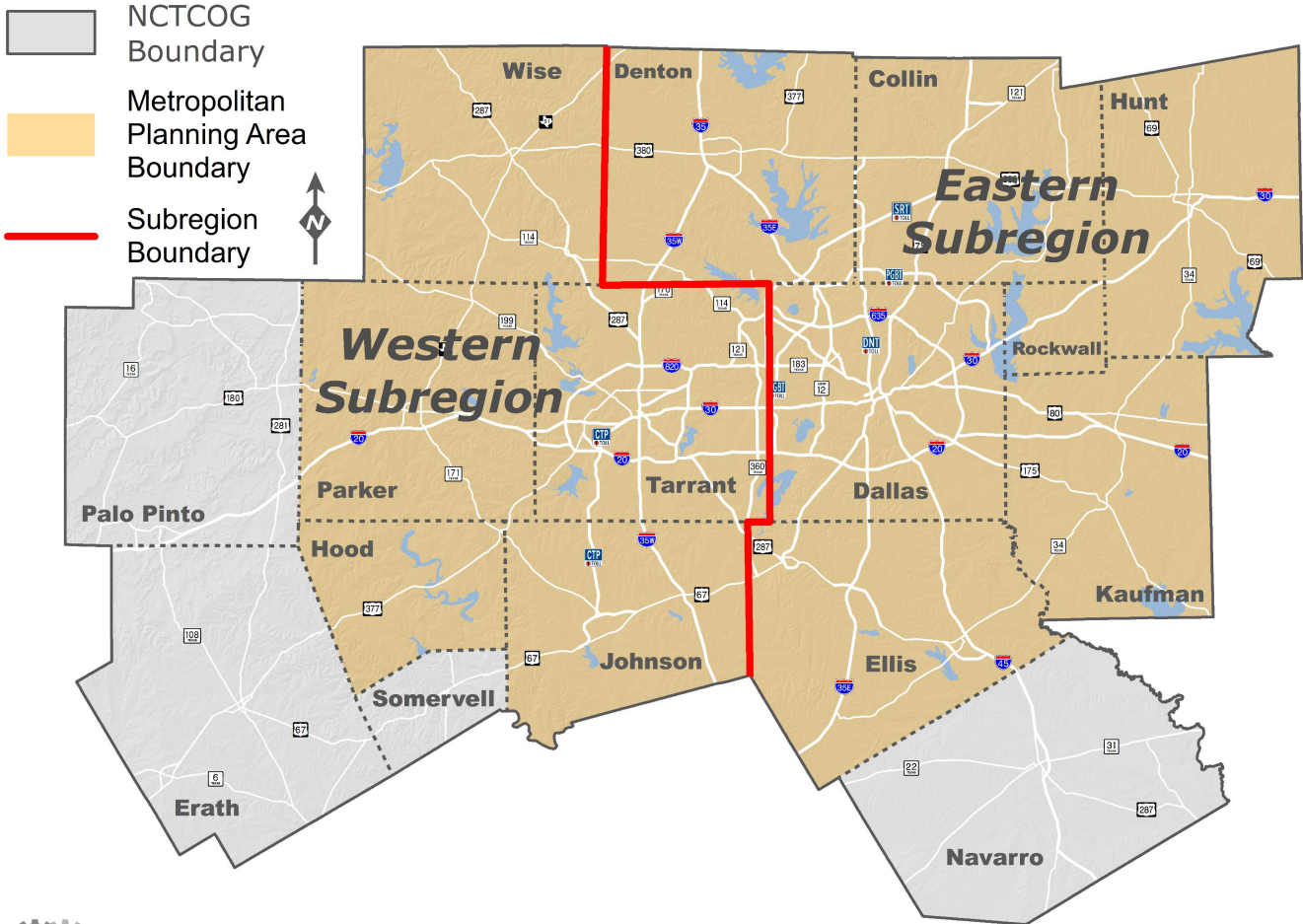


AIR QUALITY FUNDS

- Funding intended for air quality projects that address attainment of national ambient air quality standards in nonattainment areas.
- Allocations to the region are based on population and air quality nonattainment factors.
- East/West Distribution Formula Inputs:
 - Tons per day of ozone precursors:
 - Volatile Organic Compounds (VOCs) and
 - Nitrogen Oxides (NOx)
- Generally, applies to Congestion Mitigation and Air Quality Improvement Program (CMAQ) and Transportation Alternatives Set-Aside funds

EASTERN/WESTERN SUBREGION BOUNDARY AND MPA BOUNDARY

North Central Texas Council of Governments Region



MOBILITY FUNDS

- Designed for mobility projects addressing transportation needs within Metropolitan Area Boundaries with populations of 200,000 or greater
- Allocations based on population of Urbanized Areas in the region
- East/West Distribution Formula Inputs:
 - Population
 - Employment
 - Activity (Population and Employment Equalized to account for communities where available jobs might exceed population or vice versa)
 - Vehicle Miles Traveled (VMT)
- Resulting percentage split applies to the RTC's mobility funding categories (e.g., Surface Transportation Block Grant (STBG) and Category 2 funding)

PREVIOUS FUNDING DISTRIBUTION PERCENTAGES

Transportation Funding Bill	STP-MM/STBG		CMAQ	
	Western Subregion	Eastern Subregion	Western Subregion	Eastern Subregion
ISTEA (1991)	33%	67%	33%	67%
TEA-21* (1998)	32%	68%	32%	68%
	31%	69%	31%	69%
SAFETEA-LU (2005)	31%	69%	31%	69%
MAP-21 (2012)	32%	68%	34%	66%
FAST ACT (2015)	32%	68%	34%	66%

* TEA-21 funding distributions were originally approved as 32% in the west and 68% in the east. In 2003, the funding distributions were re-evaluated to 31% in the west and 69% in the east.

FORMULA INPUTS FOR IJA ANALYSIS

Mobility Funds Based on 12-County MPA Boundary	Western Subregion	Eastern Subregion
Population ¹	33.38%	66.62%
Employment ²	29.45%	70.55%
Activity (Pop+Emp Equalized)	31.42%	68.58%
Vehicle Miles of Travel (VMT) ³	30.79%	69.21%
Average	31.26%	68.74%
Rounded Average	31%	69%
Air Quality Funds Based on 10-County Non-Attainment Area	Western Subregion	Eastern Subregion
Ozone Precursors tons per day ⁴ (%)	41.50 (36.06%)	73.59 (63.94%)
Ozone Precursors Tons of VOC and NOx (Rounded Average)	36%	64%

¹Source: 2020 United States Census data

²Source: Bureau of Economic Analysis data (2019), Census for Transportation Planning Products (2016), Census Bureau Longitudinal Employer-Household Dynamics data (2019), and proprietary data collected in 2019

³Source: Estimate from 2019 Roadway network (validation year)

⁴Source: NCTCOG forecast for 2022 Transportation Conformity ten-county analysis of 2023 roadway network.

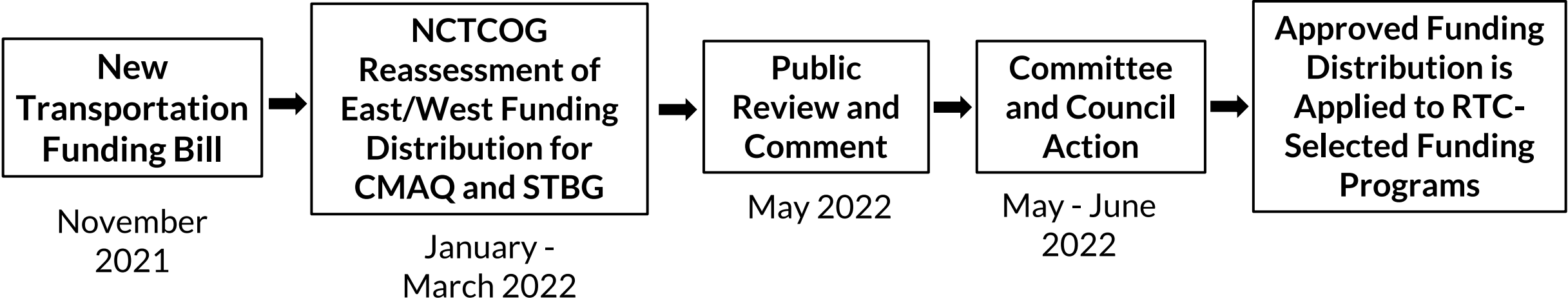
EQUITY AND ENVIRONMENTAL JUSTICE – IJA ANALYSIS

- In addition to the inputs specific to each funding category, environmental justice and equity are considered when developing funding distributions.
- These indicators show a minority, low income, and/or limited English proficiency population distribution similar to the proposed funding distribution for the western and eastern regions.

Population Type		Western Subregion	Eastern Subregion	Total
Minority	Population	1,185,662	2,774,455	3,960,117
	Percent	30%	70%	
Low Income	Population	389,691	784,965	1,174,656
	Percent	33%	67%	
Limited English Proficiency	Population	246,765	667,606	914,371
	Percent	27%	73%	

Source: 2019 American Community Survey 5-Year Estimates

FUNDING DISTRIBUTION FORMULA DEVELOPMENT PROCESS



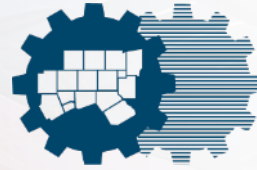
REQUESTED ACTION

- Recommend RTC approval of:
 - The new proposed funding splits for air quality and mobility funds:
 - 36% West and 64% East for air quality funds
 - 31% West and 69% East for mobility funds
 - Directing staff to begin applying these revised formulas to project selection efforts from this point forward

CONTACT/QUESTIONS?

Christie J. Gotti
Senior Program Manager
Ph: (817) 608-2338
cgotti@nctcog.org

Brian Dell
Principal Transportation Planner
Ph: (817) 704-5694
bdell@nctcog.org



Funding Recommendations for the Electric Vehicle Charging Station Call for Projects

JARED WRIGHT, AIR QUALITY PLANNER

**SURFACE TRANSPORTATION TECHNICAL
COMMITTEE**

MAY 27, 2022

Approved Funding and Scope

Funding:

Up to \$1 Million Congestion Mitigation and Air Quality Improvement Program Funds

Applicant Eligibility:

Public Sector Entities

Adoption of RTC Clean Fleet Policy Required by Application Deadline

Eligible Activities and Costs:

Both Level 2 and Direct Current Fast Charge Stations

Design, Engineering, Purchase, Installation, and Construction Costs

Maintenance and Operation Costs NOT Eligible



Approved Structure and Requirements

Publicly-Accessible Stations

Up to 100% Federal Funding, Transportation Development Credits as Match
2 Application Windows (Round 1 and Round 2)
Competitive Evaluation of Projects Within Each Round

All Stations Must:

Be Located in the 10-County Ozone Nonattainment Area
Be Located on Applicant-Owned Property and Owned by the Applicant Entity
Be Co-Located with Existing Parking/Development
Include J1772 or SAE Combined Charging System (CCS) Port(s)
Meet Federal Highway Administration Buy America Requirements
Be Complete and Operational by July 31, 2023



Summary of Applications

11 Applications Received by First Application Deadline of April 22

\$3.0 M Funds Requested for 55 Charging Stations on 26 Charging Sites

33 Level 2 Chargers

22 Direct Current Fast Chargers

Each Charging Site Scored Separately and Ranked

Once Approved, Recommended Projects Must Pass Procurement Review and Meet Buy America Requirements



Selection Criteria

Advancing Electrification – Up to 75 Points

Fill Gaps in Existing Infrastructure Network and/or Enable New Fleet Electrification

Located in a Jurisdiction with No Existing Charging Stations

Serves a Public Fleet with No Existing EVs

Number and Type of Fleet Vehicles Expected to Use Charging Stations

Ability to Charge Multiple EVs at One Time or Multiple Locations in One Application

Applicant Identifies Broader, Long-Range Plan to Electrify

Serve Communities Prioritized by the Justice40 Initiative*

Include Strategies to Minimize Grid Impacts

Features Such as Managed Charging, Integrated Storage, etc.

Chargers with Vehicle to Grid Capabilities

Subrecipient Oversight Criteria – Up to 25 Points

The Projects will be Compared to NCTCOG's Burden to Administer the Project

Ease of Federal Procurement Determination

Cooperative Procurement Contracts and Buy America Forms with Application

Risk Associated with Subrecipient Administration

*Justice40 Map Tool Updated Since the Time Applications Were Scored



Recommended Awards

Recommended Awards				
Applicant/Site	Number of Chargers	Funding Requested	Funding Recommended	Total Score
Weatherford College – Community College Campus***	7	\$295,050	\$295,050	83.7
City of Irving – Library	1	\$238,121	\$191,441*	77.6
City of Mesquite – City Hall	1	\$17,454	\$17,454	75.6
City of Mesquite – Municipal Bldg	2	\$40,249	\$40,249	68.4
City of Dallas – SE Service Center	2	\$193,676	\$193,676	68.2
City of Lewisville – City Hall****	2	\$67,892	\$67,892	65.5
DART – Light Rail Station	1	\$33,710	\$33,710	65.5
DART – Transit Facility (Park & Ride)	1	\$45,762	\$45,762	64.4
City of Dallas – Central Service Center	2	\$193,676	\$114,766 \$182,658**	64.2
Total Projects	19	\$1,125,590	\$1,000,000** \$1,067,892	



Recommended Wait-List

Recommended Wait-List Projects In Order of Funding Priority

Applicant/Site	Number of Chargers	Funding Requested	Funding Recommended	Total Score
City of Dallas – Central Service Center*	2	\$193,676	\$78,909 \$11,018	64.2
DART – Light Rail Station	1	\$27,221	\$27,221	63.1
City of Denton – City Hall	2	\$235,684	\$235,684	62.5
City of Lewisville – Library	2	\$47,892	\$47,892	61.5
DART – Light Rail Station	1	\$64,303	\$64,303	59.9
City of Richardson – Public Safety Campus	2	\$18,400	\$18,400	59.4
City of Richardson – City Hall	2	\$24,100	\$24,100	57.6
Town of Prosper – Town Hall/Library	12	\$1,000,000	\$1,000,000	57.3
City of Grand Prairie – Library	1	\$22,010	\$22,010	56.6
City of Richardson – Innovation Headquarters	2	\$26,400	\$26,400	56.5
City of Dallas – NE Service Center	2	\$193,676	\$193,676	55.0
City of Richardson – Library	1	\$22,200	\$22,200	53.6
DART – Light Rail Station	1	\$45,762	\$45,762	52.8
City of Lewisville – Visitor Center	2	\$47,892	\$47,892	52.7
City of Grand Prairie – Water Park	2	\$40,560	\$40,560	35.4
Total Projects	35	\$2,009,776	\$1,895,009 \$1,827,118	



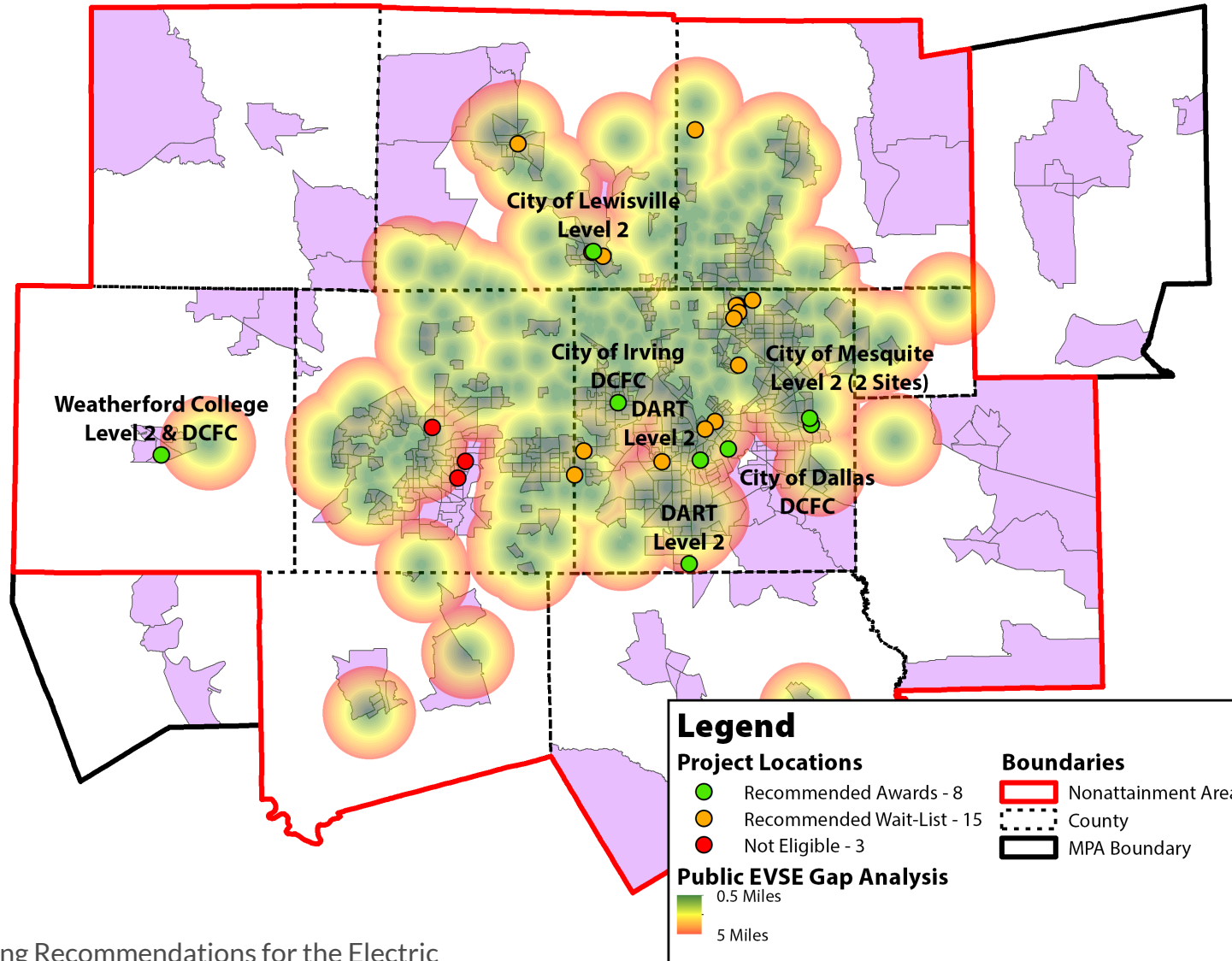
Ineligible Projects

Projects Ineligible for Funding		
Applicant/Site	Number of Chargers	Funding Requested
City of Fort Worth – Community Center*	1	\$30,000
City of Fort Worth – Community Center*	1	\$30,000
City of Fort Worth – Community Center*	1	\$30,000
Total Projects	3	\$90,000

*Applicant had not adopted the RTC Clean Fleet Policy prior to Application Deadline



Map of Requested Charging Sites*



Funding Recommendations for the Electric Vehicle Charging Station Call for Projects

*Justice40 Area Layer Based on Data Available at the Time Applications Were Scored

SCHEDULE

Milestone	Target Date
Round 1 Application Deadline	Friday, April 22, 2022
May Public Meeting	Monday, May 9, 2022
STTC Recommendation of Awards	May 27, 2022
RTC Recommendation of Awards	June 9, 2022
Executive Board Authorization of Awards	June 23, 2022
Project Completion/Reimbursement Deadline	July 31, 2023

Other Opportunity Now Open:

[TCEQ Texas Emission Reduction Plan \(TERP\) Alternative Fueling Facilities Program](#)

Will Fund Up to 50% of Eligible Costs for Electric Vehicle Charging Station Projects

Priority for Projects Open to the Public



CONTACT US



Jared Wright
Air Quality Planner
JWright@nctcog.org | 817-608-2374



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



Lori Clark
Program Manager
LClark@nctcog.org | 817-695-9232



Electric Vehicle Charging Station Call for Projects Funding Recommendations

Recommended Projects for Award											
Applicant/Site	Number of Charging Stations	Site Address	Location Type	Funding Requested	Funding Recommended	Rank	Fill Gaps in Existing Infrastructure/Fleet Electrification Average Score (Max 40)	Serve or Provide Benefits to Justice40 Initiative Average Score (Max 10)	Strategies to Minimize Grid Impacts Average Score (Max 25)	Risk Oversight Score (Max 25)	Total Score
Weatherford College - Site 1***	7	225 College Park Dr, Weatherford, 76086	Community College Campus	\$295,050	\$295,050	1	35.2	10.0	15.5	23.0	83.7
City of Irving - Site 1*	1	601 Schulze Dr, Irving, 75060	Library	\$238,121	\$191,441	2	28.8	10.0	14.5	24.3	77.6
City of Mesquite - Site 2	1	757 N. Galloway, Mesquite, 75149	City Hall	\$17,454	\$17,454	3	33.6	10.0	9.0	23.0	75.6
City of Mesquite - Site 1	2	1515 N. Galloway, Mesquite, 75149	Municipal Bldg	\$40,249	\$40,249	4	26.4	10.0	9.0	23.0	68.4
City of Dallas - Site 3	2	2800 Municipal, Dallas, 75215	SE Service Center	\$193,676	\$193,676	5	35.2	10.0	3.5	19.5	68.2
City of Lewisville - Site 1****	2	151 W. Church St, Lewisville, 75057	City Hall	\$67,892	\$67,892	6	23.2	10.0	12.0	20.3	65.5
DART - Site 4	1	2111 S. Corinth St. Rd, Dallas, 75203	Light Rail Station	\$33,710	\$33,710	7	27.2	10.0	4.5	23.8	65.5
DART - Site 2	1	1200 E. Bear Creek Rd, Glenn Heights, 75154	Transit Facility (Park & Ride)	\$45,762	\$45,762	8	25.6	10.0	5.0	23.8	64.4
City of Dallas - Site 2**	2	3111 Dawson, Dallas, 75226	Central Service Center	\$193,676	\$144,762 \$182,658	9	31.2	10.0	3.5	19.5	64.2
Total Projects	19			\$1,125,589	\$1,000,000 \$1,067,892						

Recommended Wait-List Projects in Order of Funding Priority											
Applicant/Site	Number of Charging Stations	Site Address	Location Type	Funding Requested	Funding Recommended	Rank	Fill Gaps in Existing Infrastructure/Fleet Electrification Average Score (Max 40)	Serve or Provide Benefits to Justice40 Initiative Average Score (Max 10)	Strategies to Minimize Grid Impacts Average Score (Max 25)	Risk Oversight Score (Max 25)	Total Score
City of Dallas - Site 2**	2	3111 Dawson, Dallas, 75226	Central Service Center	\$193,676	\$78,999 \$11,016	9	31.2	10.0	3.5	19.5	64.2
DART - Site 3	1	2646 S. Westmoreland Rd, Dallas, 75211	Light Rail Station	\$27,221	\$27,220.63	10	24.8	10.0	4.5	23.8	63.1
City of Denton - Site 1	2	215 E. McKinney St, Denton, 76201	City Hall	\$235,684	\$235,684	11	27.2	10.0	3.5	21.8	62.5
City of Lewisville - Site 2	2	1197 W. Main St., Lewisville, 75057	Library	\$47,892	\$47,891.84	12	19.2	10.0	12.0	20.3	61.5
DART - Site 5	1	1112 Belleview St, Dallas, 75215	Light Rail Station	\$64,303	\$64,303.13	13	21.6	10.0	4.5	23.8	59.9
City of Richardson - Site 4	2	200 N. Greenville Ave., Richardson, 75081	Public Safety Campus	\$18,400	\$18,400	14	30.4	0.0	4.0	25.0	59.4
City of Richardson - Site 1	2	411 W. Arapaho, Richardson, 75080	City Hall	\$24,100	\$24,100	15	29.6	0.0	3.0	25.0	57.6
Town of Prosper - Site 1	12	250 W. First Street, Prosper, 75078	Town Hall/Library	\$1,000,000	\$1,000,000	16	32.0	0.0	4.0	21.3	57.3
City of Grand Prairie - Site 2	1	901 Conover Dr, Grand Prairie, 75051	Library	\$22,010	\$22,010	17	21.6	10.0	0.5	24.5	56.6
City of Richardson - Site 3	2	1302 E. Collins Blvd, Richardson, 75081	Innovation Quarter Headquarters	\$26,400	\$26,400	18	28.0	0.0	3.5	25.0	56.5
City of Dallas - Site 1	2	8935 Aldora, Dallas, 75238	NE Service Center	\$193,676	\$193,675.63	19	32.0	0.0	3.5	19.5	55.0
City of Richardson - Site 2	1	900 Civic Center Dr, Richardson, 75080	Library	\$22,200	\$22,200	20	25.6	0.0	3.0	25.0	53.6
DART - Site 1	1	100 W. Spring Valley Rd, Richardson, 75081	Light Rail Station	\$45,762	\$45,761.88	21	24.0	0.0	5.0	23.8	52.8
City of Lewisville - Site 3	2	233 W. Main St, Lewisville, 75057	Visitor Information Center	\$47,892	\$47,892.00	22	10.4	10.0	12.0	20.3	52.7
City of Grand Prairie - Site 1	2	2965 Epic Place, Grand Prairie 75052	Water Park (Epic Waters)	\$40,560	\$40,560	23	10.4	0.0	0.5	24.5	35.4
Total Projects	35			\$2,009,775	\$1,896,009 \$1,827,118						

Total	52			\$2,941,688	\$2,895,008						
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Funds Available for Call for Projects				\$1,000,000							
Total Recommended Projects for Award	19			\$4,000,000 \$1,067,892							
Total Recommended Wait-List Projects	35			\$1,896,009 \$1,827,118							

Projects Ineligible for Funding											
Applicant/Site	Number of Charging Stations	Site Address	Location Type	Funding Requested	Fill Gaps in Existing Infrastructure/Fleet Electrification Average Score (Max 40)	Serve or Provide Benefits to Justice40 Initiative Average Score (Max 10)	Strategies to Minimize Grid Impacts Average Score (Max 25)	Risk Oversight Score (Max 25)	Total Score	Reason For Ineligibility	
City of Fort Worth - Site 1	1	5565 Truman Dr, Fort Worth, 76112	Community Center	\$30,000	23.2	10.0	1.5	20.8	55.5	Applicant had not adopted the RTC Clean Fleet Policy prior to Application Deadline	
City of Fort Worth - Site 2	1	4932 Wilbarger St, Fort Worth, 76119	Community Center	\$30,000	23.2	10.0	1.5	20.8	55.5		
City of Fort Worth - Site 3	1	3700 E. Belknap St, Fort Worth, 76111	Community Center	\$30,000	20.0	10.0	1.5	20.8	52.3		
Total Projects	3			\$90,000							

* Reduced Funding Due to an Ineligible Cost in Budget
 ** Partial Award Based on Funds Available, with Additional Funds from Lewisville Award
 ***Under New Scoring, Would Fall to Third
 ****Under New Scoring, Would Fall to Wait-List



MULTIMODAL PROJECTS DISCRETIONARY GRANT (MPDG) PROGRAM



May 27, 2022

Surface Transportation Technical Committee (STTC) – Endorsement
FY 22 MPDG Program Overview (MEGA, INFRA, & RURAL) & Proposed NCTCOG Projects

Proposed NCTCOG MPDG Grant Projects – EAST

South Dallas County Inland Port (SDCIP) Multimodal Connectivity Project

2

■ Safety:

- New roadways w/ curb-separated shared-use paths & improved design/capacity to accommodate freight traffic & reduce conflicts

■ State of Good Repair:

- Replace aging, deficient assets w/ new, durable facilities enabling reduced annual maintenance needs

■ Innovation:

- Pilot for Headlight construction management software to expand D/M/WBE capabilities/benefits beyond project area

■ Economic Impacts, Freight Movement, & Job Creation:

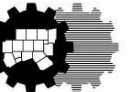
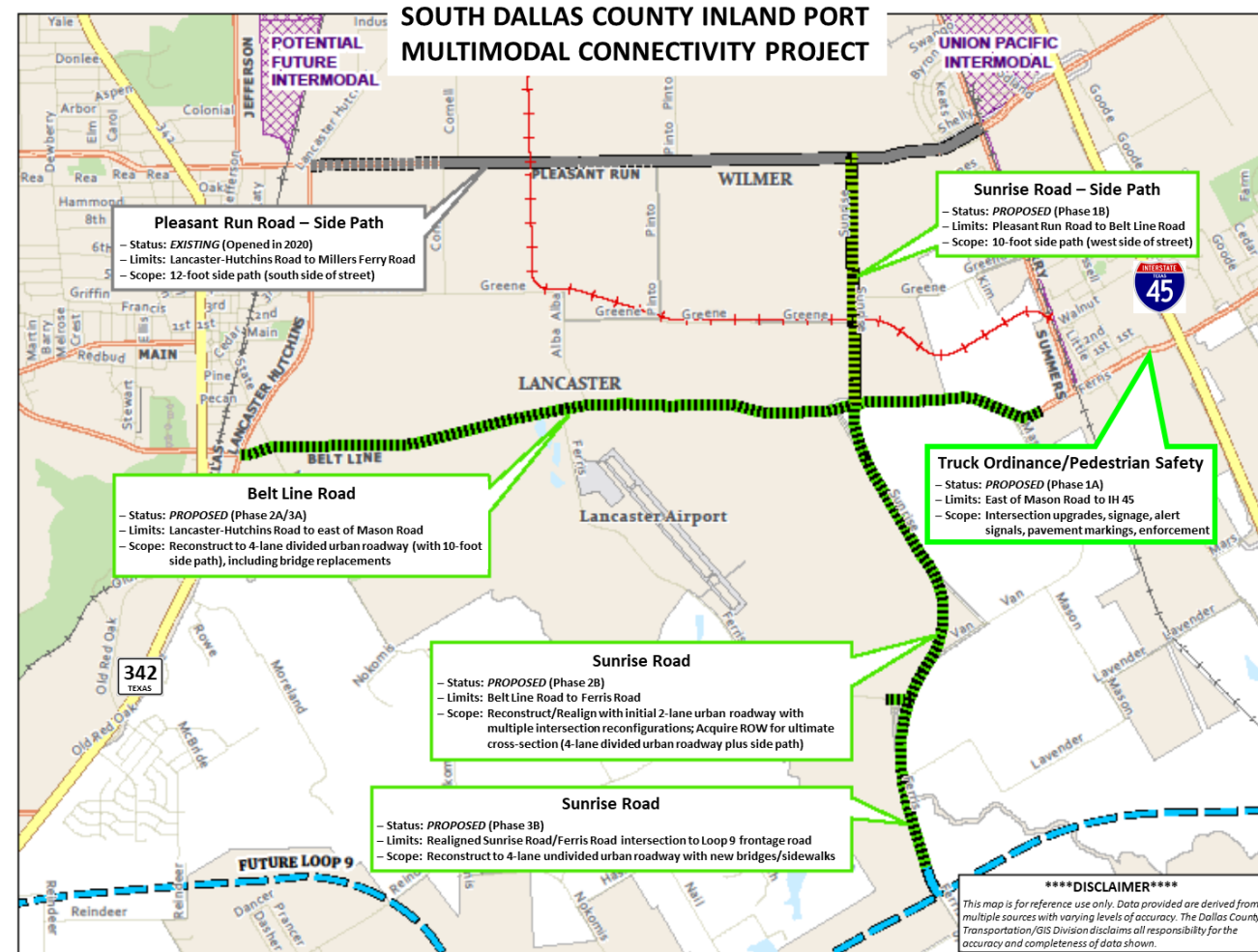
- Optimize SDCIP growth, convenience, & diversification

■ Climate Change, Resiliency, & the Environment:

- Minimize freight-oriented development impacts, improve air quality, and responsibly accommodate new drainage demands

■ Equity, Multimodal Options, & Quality of Life:

- Lower transport costs via new accessibility choices (bicycle/pedestrian, GoLink destinations)



FUNDING PARTNERSHIP WITH FORT WORTH AND TRINITY METRO \$ IN MILLIONS

Equates to \$62.06M
in New RTC Funding

	Existing RTC Federal	New RTC Federal	FTA Federal	TxDOT	Trinity Metro (Local)	Fort Worth (Local)	Private Sector	INFRA	TDCs ¹ (Regional)	Total Funding
TEXRail Extension to Hospital District	20.00 ²	51.36 ³	38.90		38.04 +6.46 +3.50	7.17	1.57 ⁴		21.10	167.00
Katy Lofts	-11.36						11.36 ⁵			11.36
E. Lancaster Corridor	40.00 ⁶			10.00 30.00		10.00 ⁷	2.00 ⁸	100.00		160.00 182.00
Trinity Lakes Station	6.69 ⁹	20.05 ²			-6.46				5.35	26.74
Guaranteed Transit (IH 35W)	14.00 ²	2.01 ²			-3.50				3.20	16.01

1. Transportation Development Credits
2. Congestion Mitigation Air Quality Improvement Program (CMAQ) federal funding
3. Includes \$11.362M removed from Katy Lofts, plus \$40M in CMAQ federal funding
4. Baylor, Scott, and White Hospital
5. Private Sector Developer of Katy Lofts Site

6. Category 2 funds
7. \$10M from Bond Program, \$6.43M potentially later
8. Franchise Utilities & Water/Sewer
9. \$4.5M CMAQ and \$2.19M Surface Transportation Block Grant funds

Proposed NCTCOG MPDG Grant Projects – WEST

East Lancaster Avenue Complete Streets & Transit Technology Project

4

■ Safety:

- Respond to Pedestrian Safety Action Plan (PSAP) w/ dedicated bike lanes/sidewalks, improved intersections & access management

■ State of Good Repair:

- Replace aging, obsolete roadway w/ context-sensitive multimodal facility compatible w/ adjacent land uses & new TOD Plan

■ Innovation:

- Incorporate Headlight pilot, technology-based bus transit, passive operations monitoring, & dedicated broadband fiber/conduits

■ Economic Impacts, Freight Movement, & Job Creation:

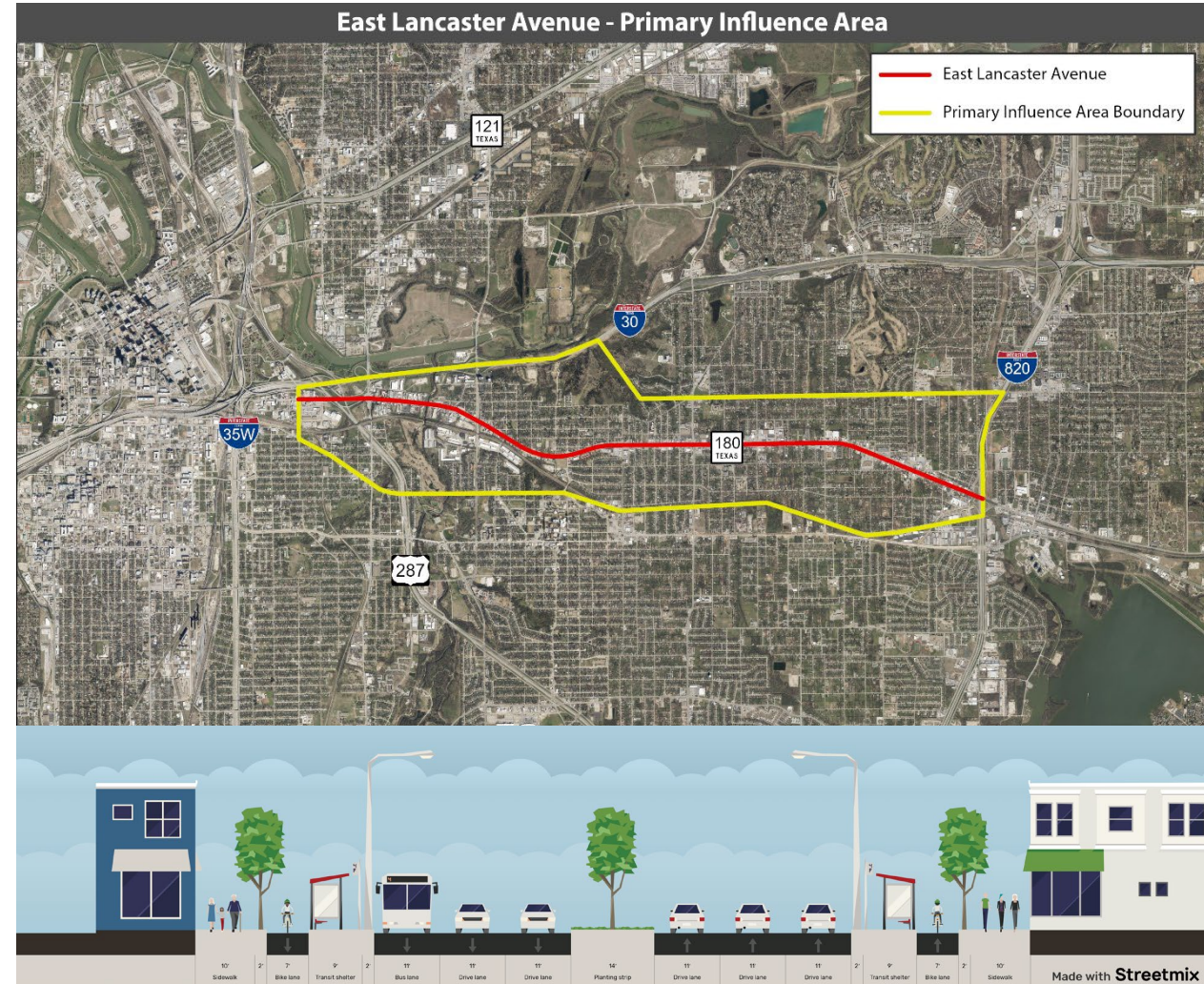
- Increased multimodal accessibility to jobs & compatibility w/ both existing activities and planned revitalization efforts

■ Climate Change, Resiliency, & the Environment:

- New multimodal corridor improves sustainability (air quality, drainage, energy use, etc.) for environmental justice populations

■ Equity, Multimodal Options, & Quality of Life:

- Enhance choice/affordability of local transportation options to alleviate opportunity barriers & improve jobs/housing balance



FY 22 Multimodal Projects Discretionary Grant (MPDG) Program

Proposed NCTCOG Projects – Complete List & Attributes

5

PROJECT		SUBMITTAL			COST / FUNDING STATUS (in \$ millions)					
TITLE	DESCRIPTION/LIMITS	EAST/ WEST	BEFORE (Agency)	NOW (Agency)	TOTAL COST	FEDERAL			NON-FEDERAL	
						MPDG GRANT	EXISTING ¹	NEW (RTC) ²	STATE ³	LOCAL ⁴
IH 30 Downtown Dallas Canyon	Reconstruct IH 30 corridor from IH 35E to IH 45 with a narrowed cross-section, modern design standards, and increased capacity to facilitate improved multimodal connectivity, restitch long-severed Downtown communities, and spur economic growth in an Opportunity Zone	EAST	INFRA 2021 (TxDOT w/ NCTCOG as co-sponsor)	INFRA/MEGA (TxDOT w/ NCTCOG as co-sponsor)	542.0	90.5	234.7		216.8	
South Dallas County Inland Port Multimodal Connectivity	Reconstruct Belt Line Road and Sunrise Road for improved Inland Port multimodal capacity & access to/from IH 35E, IH 45, & Loop 9; Add 5.1 miles of new shared-use path to link with existing Pleasant Run Road path; Implementation pilot for <i>Headlight</i> construction management software	EAST	RAISE 2022 (NCTCOG)	INFRA/RURAL (NCTCOG)	82.525	45.0	8.0 ^A	12.53 ^A		16.995 ^A
East Lancaster Avenue Complete Streets & Transit Technology	Reconstruct aging East Lancaster Avenue between Pine Street and IH 820 into a context-sensitive multimodal corridor, including accommodations for an integrated high-capacity bus transit service, to revitalize a critical economic and socially significant asset for east Fort Worth	WEST	INFRA 2021 (NCTCOG)	INFRA/MEGA (NCTCOG)	182.0	100.0	40.0 ^B		30.0 ^A	12.0 ^B

1. **A.** – \$8.0M STBG (Cat 7); **B.** – \$40.0M TxDOT Federal Funds (Cat 2)

2. **A.** – \$12.53M STBG (includes 4.27M TDCs)

3. **A.** – \$30.0M TxDOT State Funds (NEPA/Design, ROW, Non-Franchise Utilities, & Engineering/Inspection)

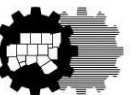
4. **A.** – \$5.1M Dallas County, \$2.645M City of Wilmer, \$7.65M City of Lancaster, \$1.6M Franchise Utilities; **B.** – \$10.0M City of Fort Worth (2022 Bond), \$2.0M Franchise Utilities/Water/Sewer

FY 22 Multimodal Projects Discretionary Grant (MPDG) Program

Timeline for Development, Approval, and Submittal

6

March 22, 2022	FY 22 MPDG Grant Notice of Funding Opportunity (NOFO) Announced
April 14, 2022	RTC Information
April 22, 2022	STTC Information
May 6, 2022	RTC Agenda “Mail Out” <i>(Scope, cost, & funding source/share details finalized for proposed NCTCOG project selections)</i>
May 12, 2022	RTC Action
May 12, 2022	RTC Letter of Support Request Deadline <i>(for projects submitted by partnering agencies, submit to Kyle Roy – kroy@nctcog.org)</i>
May 23, 2022	FY 22 MPDG Grant Application Submittal Deadline – www.grants.gov
May 26, 2022	Executive Board Endorsement
May 27, 2022	STTC Endorsement



FY 22 Multimodal Projects Discretionary Grant (MPDG) Program

Requested STTC Endorsement

7

- **Based on May 12th RTC action and STTC endorsement of Western Subregion Transit Partnership (Consent Agenda Item 2.3), request STTC endorsement for:**
 - **Allocation of new RTC funds (same as RAISE – April 2022):**
 - *South Dallas County Inland Port Multimodal Connectivity*
– \$12,530,000 STBG funds (including 4,270,000 TDCs)
 - **Proposed projects to submit for funding consideration through FY 22 MPDG Program**
 - **Administratively amending NCTCOG and State Transportation Improvement Programs (TIP/STIP), as well as other planning/administrative documents, to include proposed projects if selected for an FY 22 MPDG Grant award**

Contact Information

Thomas Bamonte

Senior Program Manager
(817) 704-5604
tbamonte@nctcog.org

Natalie Bettger

Senior Program Manager
(817) 695-9280
nbettger@nctcog.org

Christie Gotti

Senior Program Manager
(817) 608-2338
cgotti@nctcog.org

Ken Kirkpatrick

Counsel for Transportation
(817) 695-9278
kkirkpatrick@nctcog.org

Chris Klaus

Senior Program Manager
(817) 695-9286
cklaus@nctcog.org

Dan Lamers

Senior Program Manager
(817) 695-9263
dlamers@nctcog.org

Arash Mirzaei

Senior Program Manager
(817) 695-9261
amirzaei@nctcog.org

Jeffrey C. Neal

Senior Program Manager
(817) 608-2345
jneal@nctcog.org

Shannon Stevenson

Senior Program Manager
(817) 608-2304
sstevenson@nctcog.org

Karla Windsor

Senior Program Manager
(817) 608-2376
kwindsor@nctcog.org

USDOT BIL: <https://www.transportation.gov/bipartisan-infrastructure-law>

USDOT Grant Portal: <https://www.transportation.gov/grants>

USDOT (Upcoming Grant Opportunities): <https://www.transportation.gov/bipartisan-infrastructure-law/upcoming-notice-funding-opportunity-announcements-2022>

Multimodal Projects Discretionary Grant (MPDG) Program: <https://www.transportation.gov/grants/mpdg-announcement>

May 27, 2022

Surface Transportation Technical Committee (STTC) – Endorsement

FY 22 MPDG Program Overview (MEGA, INFRA, & RURAL) & Proposed NCTCOG Projects

IH635/IH35E WISHBONE REVENUE SHARE

2017-2021:

Revenues:	\$27,067,545.05
<u>NTTA Fees: -</u>	<u>\$1,581,025.15</u>
Net	\$25,486,519.90

TxDOT/Region Share: \$12,743,259.95

2022+

Expected Revenue Share to TxDOT/Region: ~3-4M/year

Payments due to TxDOT June 30 of each year



NCTCOG PRESENTATION

UPCOMING USDOT BIL GRANTS:

PROJECT SLOTTING COORDINATION

JEFFREY C. NEAL – Senior Program Manager

**SURFACE TRANSPORTATION TECHNICAL COMMITTEE (STTC)
– INFORMATION ITEM**

May 27, 2022

SAFE STREETS & ROADS FOR ALL GRANT PROGRAM (SS4A)

Funding Availability

\$400 Million

- Action Plan (Nation)

\$600 Million

- Implementation (Nation)

< 15% per State

- Overall Program

Minimum Award

\$200,000

- Action Plan (All Applicants)

\$3 Million

- Implementation (Rural/Tribal)

\$5 Million

- Implementation (MPO/Group)

Maximum Award

\$1 Million

- Action Plan (Local/Tribal/Rural)

\$5 Million

- Action Plan (MPO/Group)

\$30 Million

- Implementation (Local/Rural/Tribal)

\$50 Million

- Implementation (MPO/Group)

- Action Plan -or- Implementation: One application/agency limit
- Must self-certify existing Action Plan eligibility to apply for Implementation Grant
- Cost Sharing: 80% Federal/20% non-Federal (all); Obligation: 1 year after award
- Performance Period (max.): 2 years - Action Plan; 5 years - Implementation

Applicant/Condition Eligibility

1. MPOs
2. Political Subdivision of a State
(City, Town, County, Transit Agency, Special District, etc.)
3. Tribal Government
4. Multi-jurisdictional Group of Above Entities

- a. Asset ownership/maintenance responsibility
- b. Safety responsibility affecting asset
- c. Agreement w/ asset owner/maintenance agent



SAFE STREETS & ROADS FOR ALL GRANT PROGRAM *(cont.)*

- **Eligible Activities/Costs – Action Plan:**
 - Developing a Comprehensive Safety Action Plan
 - Supplemental action plan activities in support of an existing Action Plan
- **Eligible Activities/Costs – Implementation:**
 - Conducting planning, design, and development activities for Action Plan project and strategies
 - Carrying out projects/strategies identified in an Action Plan – Infrastructure, behavioral, or operational measures directly related to addressing safety problem(s)
- **Application Deadline: September 15, 2022**
- **NCTCOG Status:**
 - Pedestrian Safety Action Plan (PSAP) eligibility under review; planned to be brought to STTC/RTC later this summer with updated language on monitoring and equity considerations/impacts
 - Pending Roadway Safety Action Plan eligibility assessed and verified; planned for STTC/RTC adoption prior to SS4A application deadline
 - Interested entities should contact **Natalie Bettger**, **Karla Windsor**, and/or **Thomas Bamonte** to establish local project/Action Plan candidacy, as well as seek agreement with TxDOT regarding on-system projects



PENDING BIL GRANT NOTICE OF FUNDING OPPORTUNITIES – FY 22

- **Bridge Investment Program (\$2.5B) – June**
 - Using 2020-21 National Bridge Inventory (NBI) data for bridge condition/functionality
 - **Jeff Neal/Christie Gotti** to coordinate with TxDOT Districts for identifying potential on-system bridges
- **Railroad Crossing Elimination Program (\$600M) – June**
 - Roadway/Pathway – Rail grade crossing improvements focusing on safety/mobility of people & goods
 - **Dan Lamers/Jeff Hathcock** coordinating rail/road provider list of possible grade separations & closures
- **Reconnecting Communities Pilot Program (\$195M) – June**
 - \$50M – Planning Grants (80% Federal; Max. – \$2M/Applicant); \$145M – Capital Grants (50% Federal; Min. – \$5M/Project)
 - Eligible transportation facilities creating community connectivity barriers to mobility, access, or economic development
 - **Jeff Neal** to coordinate project identification/development through NCTCOG program areas & local governments/providers
- **Strengthening Mobility & Revolutionizing Transportation (SMART) Program (\$100M) – September**
 - Projects advancing smart city/community technologies & systems to improve transportation efficiency & safety
 - Large Communities (> 400K) – 40%; Mid-Sized Communities – 30%; Rural/Regional Partnerships – 30%
 - *SMART Grant Briefing/Roundtable – Regional Partners: June 28, 2022 @ 1:00-2:00pm (contact **Thomas Bamonte**)*



STATUS OF OTHER BIL GRANT FUNDING OPPORTUNITIES – FY 22

- Completed FY 22 MPO-eligible BIL solicitations:
 - Local and Regional Project Assistance Program (RAISE) – Projects submitted
 - Multimodal Projects Discretionary Grant Program (INFRA/MEGA/RURAL) – Projects submitted
 - Port Infrastructure Development Grant Program (PIDG)
 - Federal – State Partnership for Intercity Passenger Rail Grant Program
- MPO-eligible FY 22 BIL solicitations – NCTCOG not pursuing:
 - Nationally Significant Federal Lands and Tribal Projects Program (NSFLTP)
 - Pilot Program for Transit-Oriented Development (TOD) Planning
- MPO-eligible FY 22 BIL solicitations funded, but NOFO release not scheduled:
 - Wildlife Crossings Pilot Program
 - Charging & Fueling Infrastructure Program
 - Congestion Relief Program
 - Promoting Resilient Operations for Transformative, Efficient, and Cost-Saving Transportation Projects (PROTECT)
 - Prioritization Process Grant Program
 - Strategic Innovation for Revenue Collection Pilot Program
 - Advanced Transportation Technologies & Innovative Mobility Deployment
- MPO-eligible BIL solicitations not funded for FY 22:
 - Healthy Streets Program
 - Active Transportation Infrastructure Investment Program



CONTACT INFORMATION

Thomas Bamonte

Senior Program Manager
(817) 704-5604
tbamonte@nctcog.org

Natalie Bettger

Senior Program Manager
(817) 695-9280
nbettger@nctcog.org

Christie Gotti

Senior Program Manager
(817) 608-2338
cgotti@nctcog.org

Ken Kirkpatrick

Counsel for Transportation
(817) 695-9278
kkirkpatrick@nctcog.org

Chris Klaus

Senior Program Manager
(817) 695-9286
cklaus@nctcog.org

Dan Lamers

Senior Program Manager
(817) 695-9263
dlamers@nctcog.org

Arash Mirzaei

Senior Program Manager
(817) 695-9261
amirzaei@nctcog.org

Jeffrey C. Neal

Senior Program Manager
(817) 608-2345
jneal@nctcog.org

Shannon Stevenson

Senior Program Manager
(817) 608-2304
sstevenson@nctcog.org

Karla Windsor

Senior Program Manager
(817) 608-2376
kwindsor@nctcog.org

USDOT BIL: <https://www.transportation.gov/bipartisan-infrastructure-law>

USDOT Grant Portal: <https://www.transportation.gov/grants>

USDOT (Upcoming Grant Opportunities): <https://www.transportation.gov/bipartisan-infrastructure-law/upcoming-notice-funding-opportunity-announcements-2022>



Environmental Scorecard

Jenny Narvaez
Surface Transportation Technical Committee
5.27.2022



NCTCOG



transdev

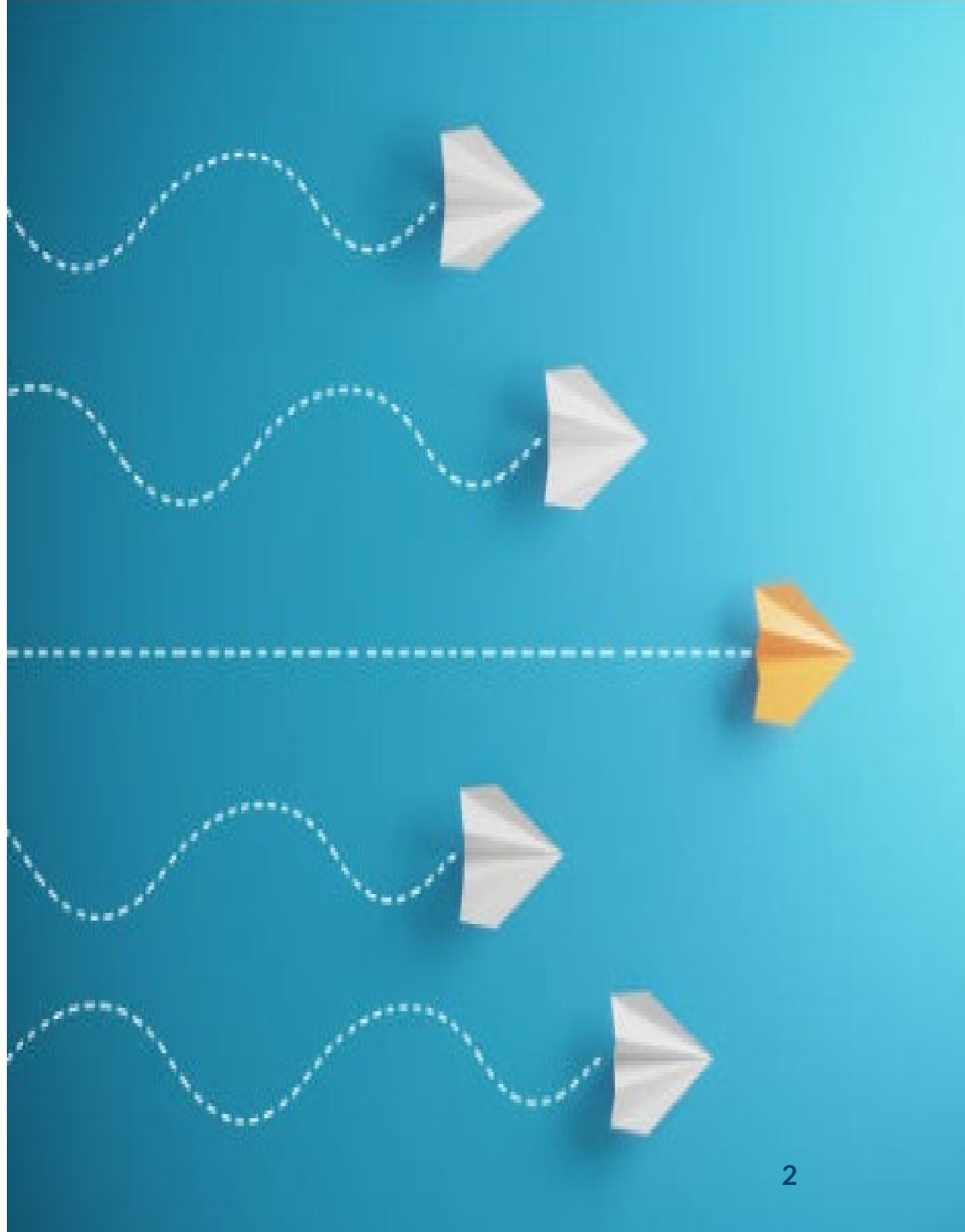
Overview

Status of RTC and NCTCOG Efforts

Assessment of Progress

Identification of Funding Gaps for Management and Operations, Regional/Air Quality, and Safety Funding Program - Summer of 2022

Environmental Stewardship is Economic Development Driver



RTC Environmental Programs Samples



Rideshare. Record. Reward.

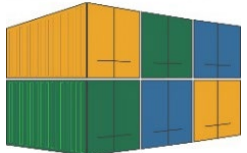


SMARTER

Saving Money and Reducing Truck Emissions



FREIGHT NORTH TEXAS



Program Assessment - Examples

Air Quality – Direct

Traffic Congestion – Indirect

Sustainable Development – Direct

Transit – Direct

System Resiliency – Indirect

Autonomous Vehicles – Indirect



Air Quality



Increasing Zero Emission Vehicles and Infrastructure
Meet 5 of 6 Federal Air Quality Standards



Greenhouse Gas/Climate Change Activities
Local Air Quality Monitors



Ozone Standard Compliance
Fraudulent Registration and Engine Tampering



Traffic Congestion

Traffic Incident Management Program



Auto Occupancy Detection Program – HOV discount
Transportation Authorities

Regional Traffic Signal Program



Regional Trip Reduction Program – 20% SOV Reduction
Expansion of Mobility Assistance Patrol Program



Safety: Reduction of Serious Injury and Fatality Crashes



Sustainable Development

Pedestrian Safety Action Plan



Planning for Regional Network

Look Out Texans Safety Campaign – walk/bike/drive

Transit-Oriented Development



Safe Routes to School

Sidewalks and Trails – Connections to Transit



Safety: Reduction of Serious Injury and Fatality Crashes

Connectivity of the Network



Transit

Greater Adoption of Electric Buses



Secured Competitive Grants for Enhanced Service

Expanded Areas Developing Transit



No New Member Cities Joined a Transit Authority

Recent Transitions of Transit Authorities



Extreme Driver Shortage

Vehicle Delays Due to Supply Chain Issues



System Resiliency

MPOs Collaborating with Resiliency Workgroup



Cities Developing Climate Action Plans
Green Space Preservation



Transportation Integration Stormwater Study
Vulnerability Assessments for Region



Roadway Flooding
Damage to NHS Off-System Roadways



Autonomous Vehicles

Autonomous Heavy-Duty Vehicles



Freight Hubs

Freight Technology Developers



Autonomous Automobile/Delivery Vehicles



Regionwide Broadband Internet

Automated Vehicle On-Board Diagnostic Communication



Applications

2024-2026 Management and Operations, Regional/Air Quality, and Safety Funding Program Summer of 2022

Federal and Local Performance Measure Targets

State Implementation Plan Weight-of-Evidence

Regional Growth Forecasts

Increasing Climate Emphasis



For More Information

Chris Klaus
Senior Program Manager

cklaus@nctcog.org

817-695-9286

Jenny Narvaez
Program Manager

jnarvaez@nctcog.org

817-608-2342

