



North Texas Regional Integration of Sustainability Efforts (RISE) Coalition

January 27, 2023



RISE Coalition Website: <https://www.nctcog.org/envir/development-excellence/rise-coalition>
RISE Coalition Committee Page: <https://www.nctcog.org/envir/committees/regional-integration-of-sustainability-efforts-ris>

January 27, 2023

RISE Coalition Agenda

1) Welcome and Introductions – Member Roll Call

Action Items

2) Meeting Summary

Discussion

3) FY 2023 Work Program and Project Update

4) Member Recruitment Update

5) NCTCOG Transportation Presentation

6) RISE Member Presentation – City of Plano

7) TCEQ Presentation on Ozone Standards Implementation

Informational Items

8) NCTCOG Regional Opportunities

Other Business

9) Participant Roundtable & Future Agenda Items

10) Next Meeting Date

11) Adjournment

Action Items

Meeting Summary: [Approve October 21 Meeting Summary](#)

FY 2023 Project Update and Discussion

Guided by FY2023 Work Program

Summary of FY2023 Goals:

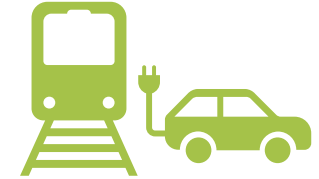
- Hold quarterly public meetings
- Complete Regional GHG Inventory and Emissions Reduction Strategies Toolkit
- Host 2 webinars on key topics of interest
- Hold a Social Equity Workshop
- Hold a workshop series on Weatherization, Energy Efficiency, and Renewables
 - Sponsored by City of Dallas

Ideas for workshop speakers/subject matter experts?

Current Focus Topics



**Regional Emissions
Assessment**



**Sustainable Transportation
& Air Quality Strategy
Analysis**



**Energy Efficiency
Programs & Regional
Energy Resilience**



**Waste Reduction &
Beneficial Reuse Programs**

Coalition Member Recruitment Strategy

FY2023 Current Commitments

- Carrollton
- Dallas
- Denton
- Farmers Branch
- Fort Worth
- Lewisville
- Plano
- Tarrant Regional Water District
- Members who have already committed should have received their FY2023 Cost Share invoices by email.
- **Members in red** have not yet paid their FY2023 Cost Share invoices.

If you are interested in becoming a member of the RISE Coalition, email Breanne Johnson at bjohnson@nctcog.org, and check your Cost Share amount at nctcog.org/envir/development-excellence/rise-coalition/rise-membership.

Task 2. Regional Greenhouse Gas Emissions Project

Regional GHG Inventory Schedule

- ClearPath entries and calculations finalized – End of February 2023
- Report on regional emissions inventory – End of March 2023
- Access to work in ClearPath expires – May 1, 2023
 - Unlimited access to "Read Only" mode afterwards

Regional GHG Emissions Reductions Toolkit

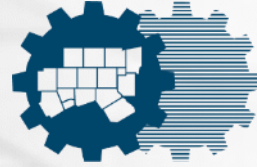
- Energy
- Transportation
- Applying to receive another Environment Defense Fund Fellow to assist in development of toolkit

NCTCOG GHG Inventory Cohort

- Meetings with cohorts as needed

Transportation Planning at NCTCOG: Sustainable Development and Transit

Shawn Conrad & Gypsy Gavia
North Central Texas Council of Governments



NCTCOG PRESENTATION

Sustainable Development Activities Update

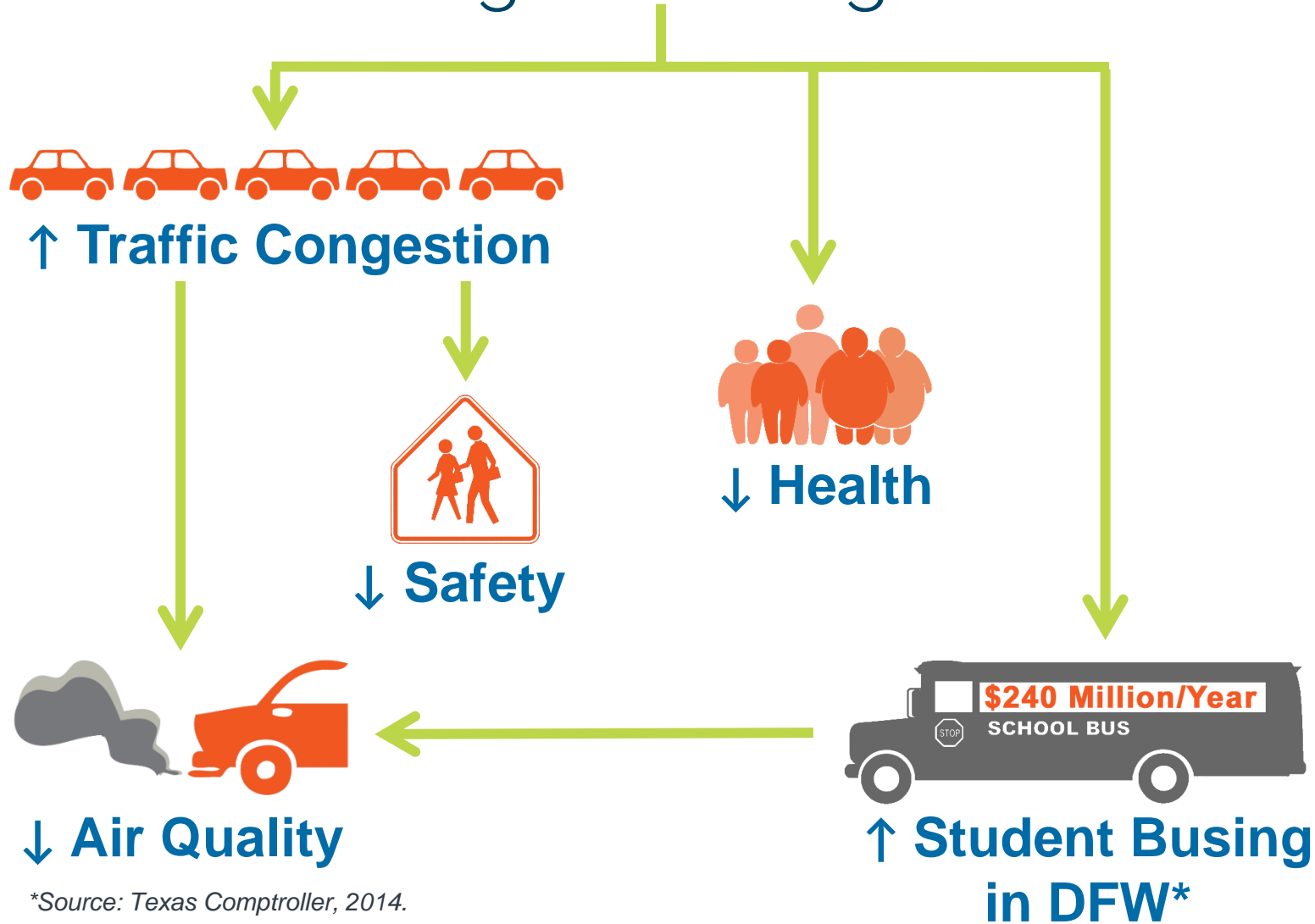
Shawn Conrad | RISE Coalition Meeting | 1.27.2023

SAFE ROUTES TO SCHOOL



Why Do We Need SRTS Programs?

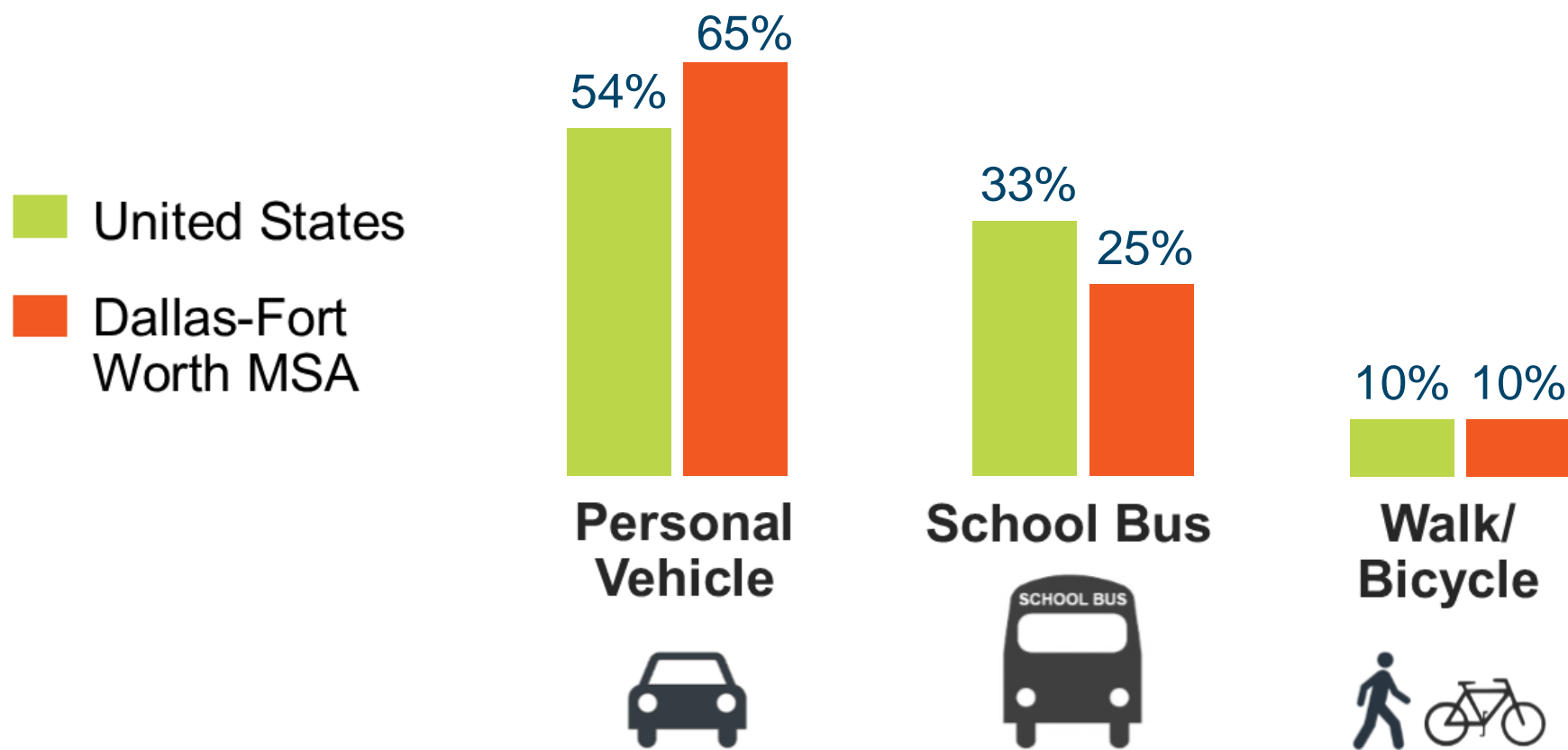
Less Walking and Biking to School



**Source: Texas Comptroller, 2014.*

Decline in Walking and Biking to School

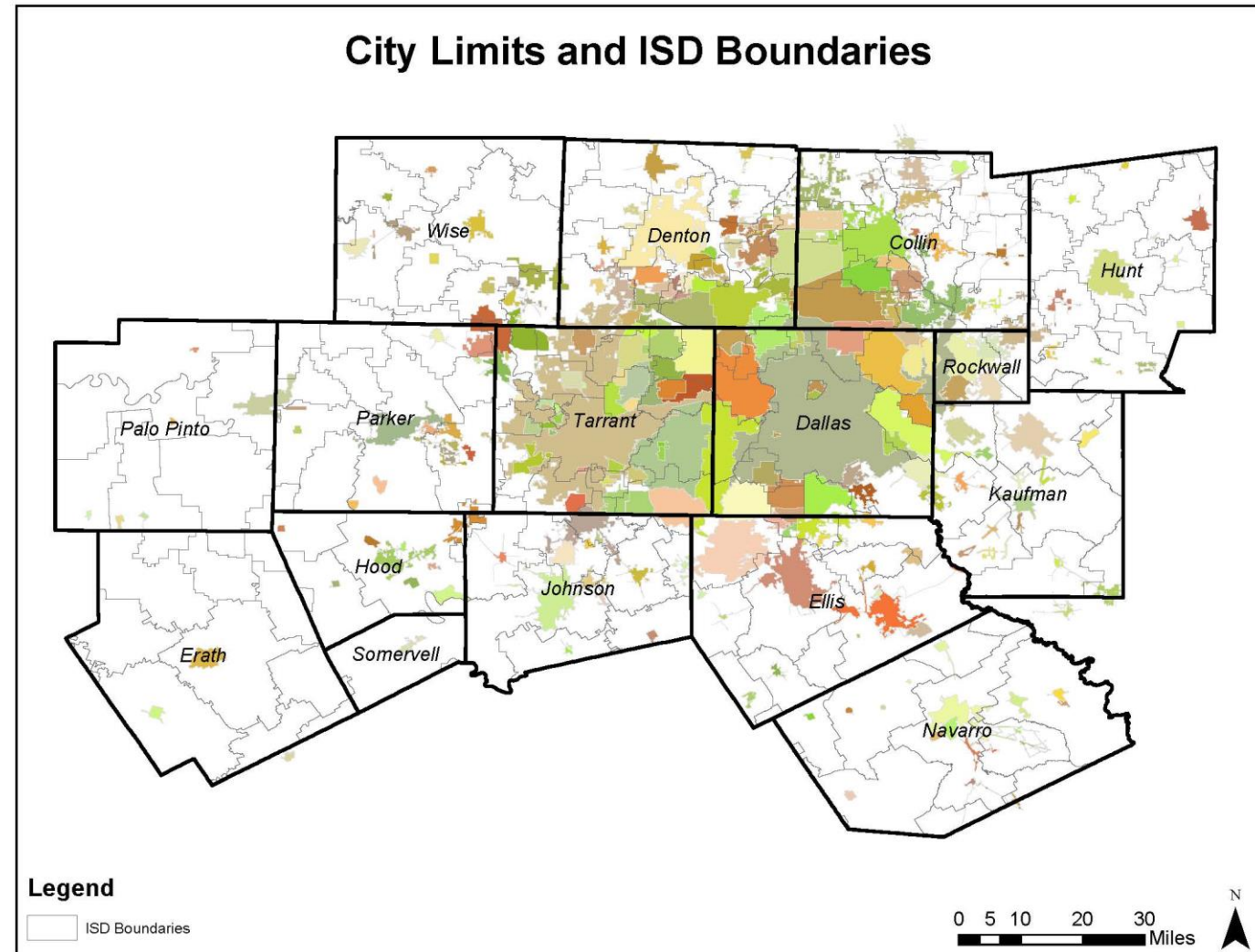
2017 Mode Share



Source: National Household Travel Survey, 2017, Dallas-Fort Worth MSA (N=2,582). FHWA NHTS Brief: Children's Travel to School, 2019.

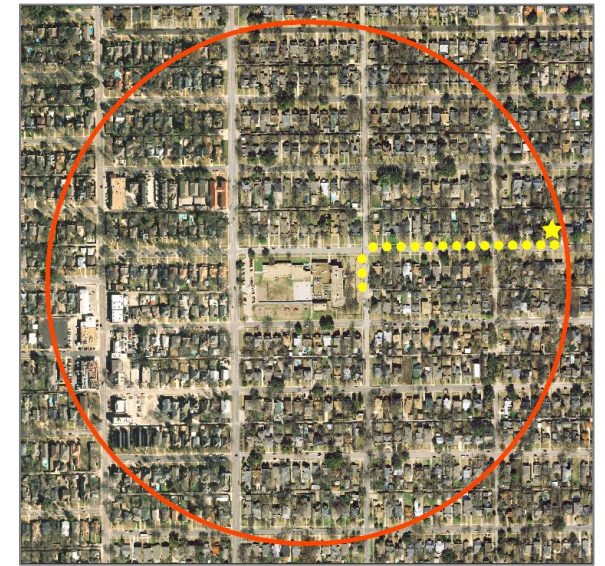
Safe Routes to School Regional Action Plan

- Plan in progress, expected mid-2023
- Summarize SRTS activities in the region to date, provide analysis of trends and need for SRTS
- Support city SRTS efforts
- Create a framework for prioritizing SRTS needs in the region
- Develop recommendations for SRTS programs in different land-use contexts in the region

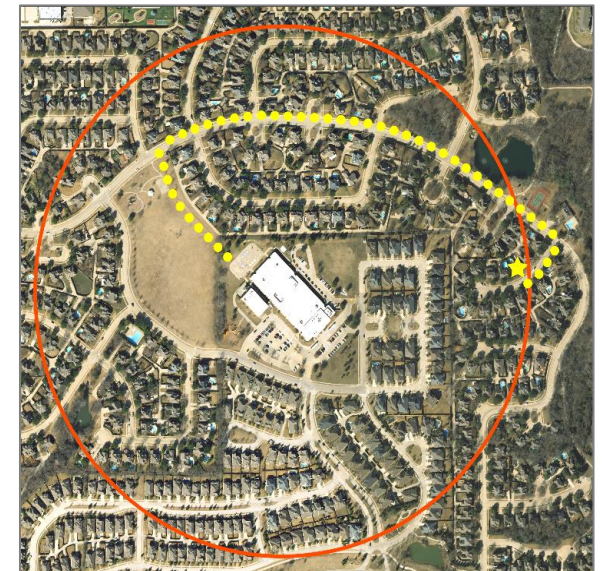


Education

- Upcoming Events:
 - **Building for Fiscal Sustainability and Changing Housing Demands Webinar** – Second in Planning for Safe Routes to School Series (*May 2023 tentative*)
- Previous Events:
 - **Subdivision Planning and Street Connectivity Webinar** – First in Planning for Safe Routes to School Series (January 2022)
 - **Building Schools, Building Communities: A School Siting and Collaboration Workshop** (February 2019)
 - **RTC Community Schools and Transportation Introduction** (October 2015)



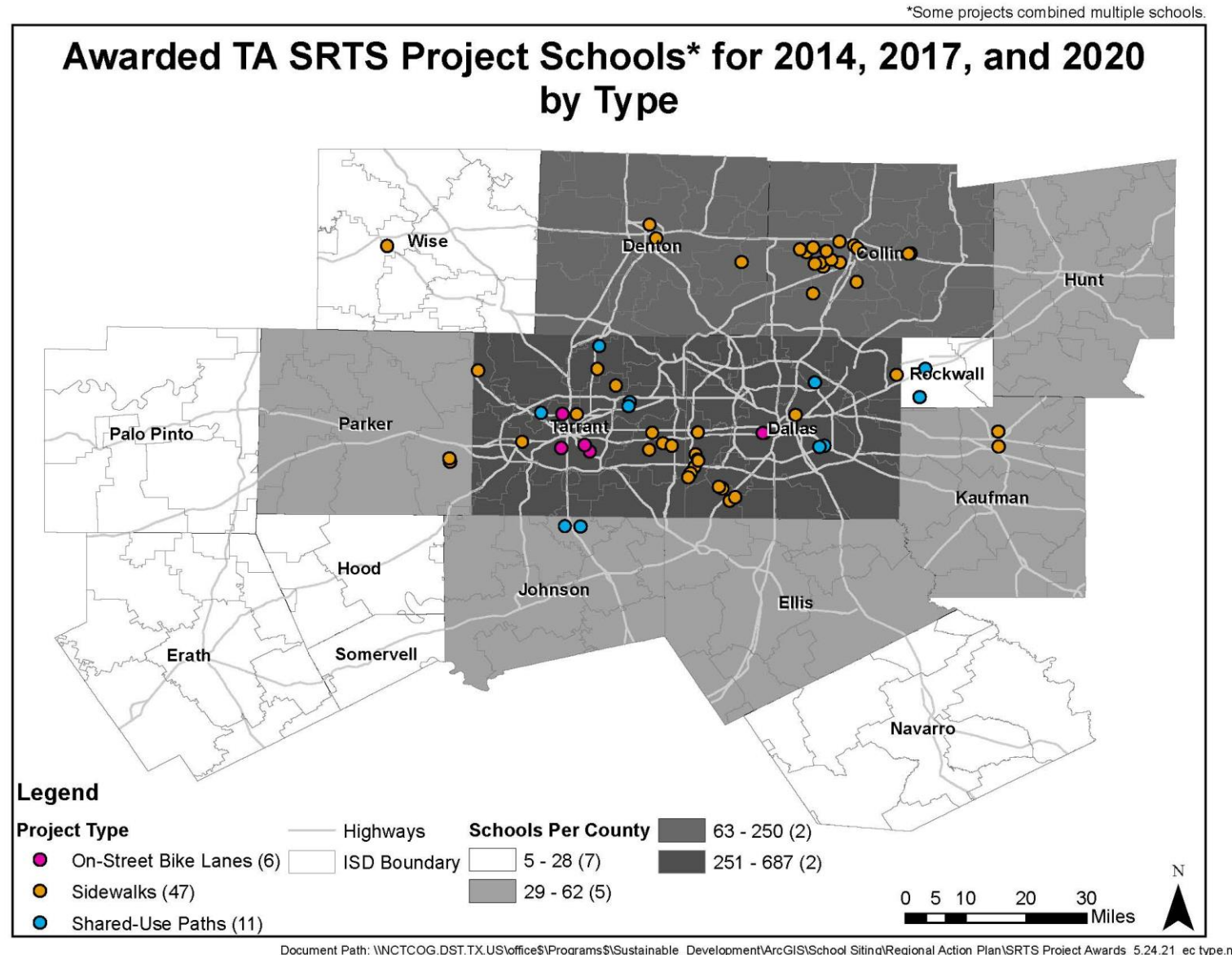
Connected street grid, direct access to school



Unconnected street grid, roundabout access to school

Funding Opportunities for SRTS

- Transportation Alternatives Call for Projects (TA CFP): Approximately every three years
- TA CFP Funding 2014-2022: \$29.8 M for 45 SRTS projects



Walk to School Day

Annual event where schools and communities across the country and around the world walk to school on the same day in October

NCTOG provided free prizes and bike raffle to schools holding Walk to School Day events in October 2022



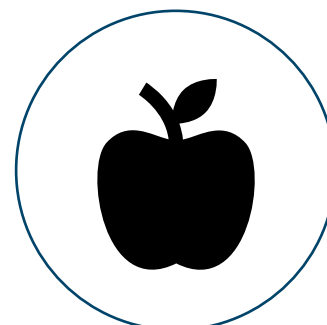
TEXAS

198 events, up from 166 in 2021 and 164 in 2019



DFW

104 events



NCTCOG

Helped 20 schools celebrate WTSD

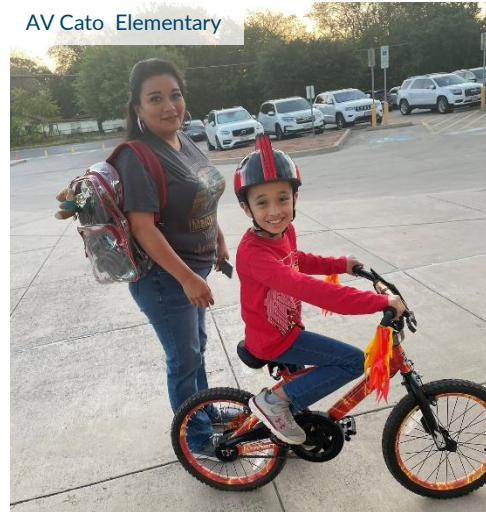


WTSD 2022 Photo Contest
First Place Winner:
Nichols Elementary School, Frisco

Schools-Related Collaboration

- School Siting and Safe Routes to School Technical Assistance
- Joint Use Agreement Inventory
- NCTCOG Policy Bundles

AV Cato Elementary



Bledsoe Elementary
Courtesy of the City of Frisco



Nichols Elementary



Pink Elementary

BLUE-GREEN-GREY FUNDING INITIATIVE



Image courtesy of Get Healthy Dallas

2018 year: DART Hatcher Station
Community Garden Pilot Program



Image courtesy of Amanda Popken Development

2018: Bishop Arts Bicycle Parking
Retrofitting Pilot



1 Enhanced Bus Stop

Bus stops within the City of Farmers Branch should meet the minimum requirements for spacial design set forth in the appendix of this report and recommended by NACTO. This site is a retro-fit to an existing commercial development. Improvements at this site could benefit the private and public infrastructure adjacent to the bus stop. Coordination with the development could allow for the bus stop to get large to accommodate more amenities.



Redmond California

Image courtesy of City of Farmers Branch

2017: Farmers Branch Conceptual Bus
Stop Designs

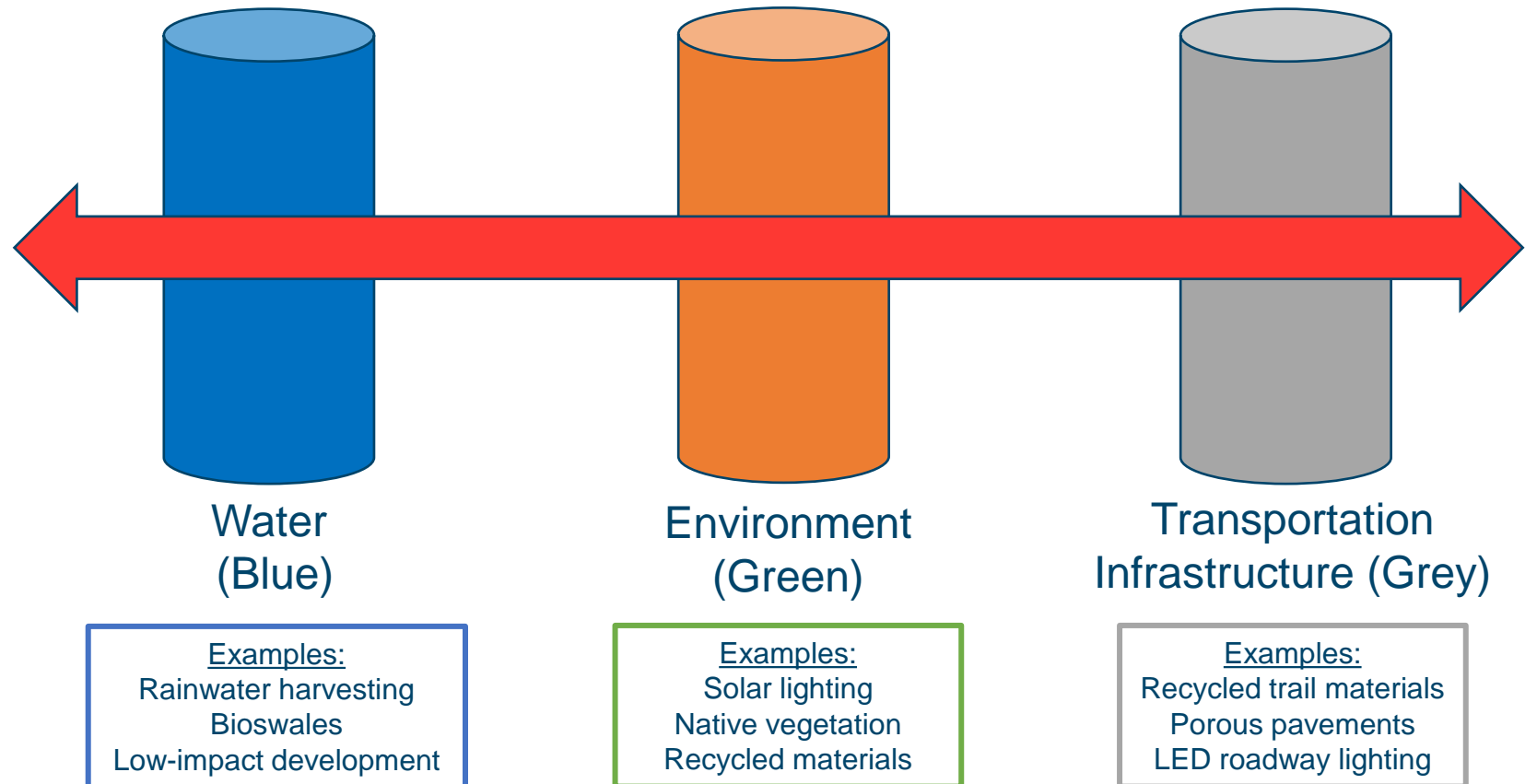
What do all these funded projects have in common?

Blue-Green-Grey Funding Initiative

Purpose

1. Promote the planning and construction of green or sustainable infrastructure in the region.
2. Advance small projects with innovative outcomes that can be replicated regionally.

SILO BUSTING



Blue-Green-Grey Funded Projects

Funding Years

2017

Farmers Branch
Conceptual Bus
Stop Designs

Southlake BioPod –
Burney Lane
Reconstruction

University Park
Micro-Detention
Project

2018

DART Hatcher
Station Community
Garden Pilot
Program

Bishop Arts Bicycle
Parking Retrofitting
Pilot

Watauga
Biofiltration System

2021

City of Allen Inlet
Floatables Filter

City of Dallas
Bottom District
Neighborhood
Beautification

University of
Arlington
Biofiltration Swales
Testing

Project reports for 2017 and 2018 projects can be found here: www.nctcog.org/greeninfrastructure

Community Gardens Program Guide

Resource for local governments to develop publicly-led community gardens programs as a strategy for increasing food access in communities, especially near transit

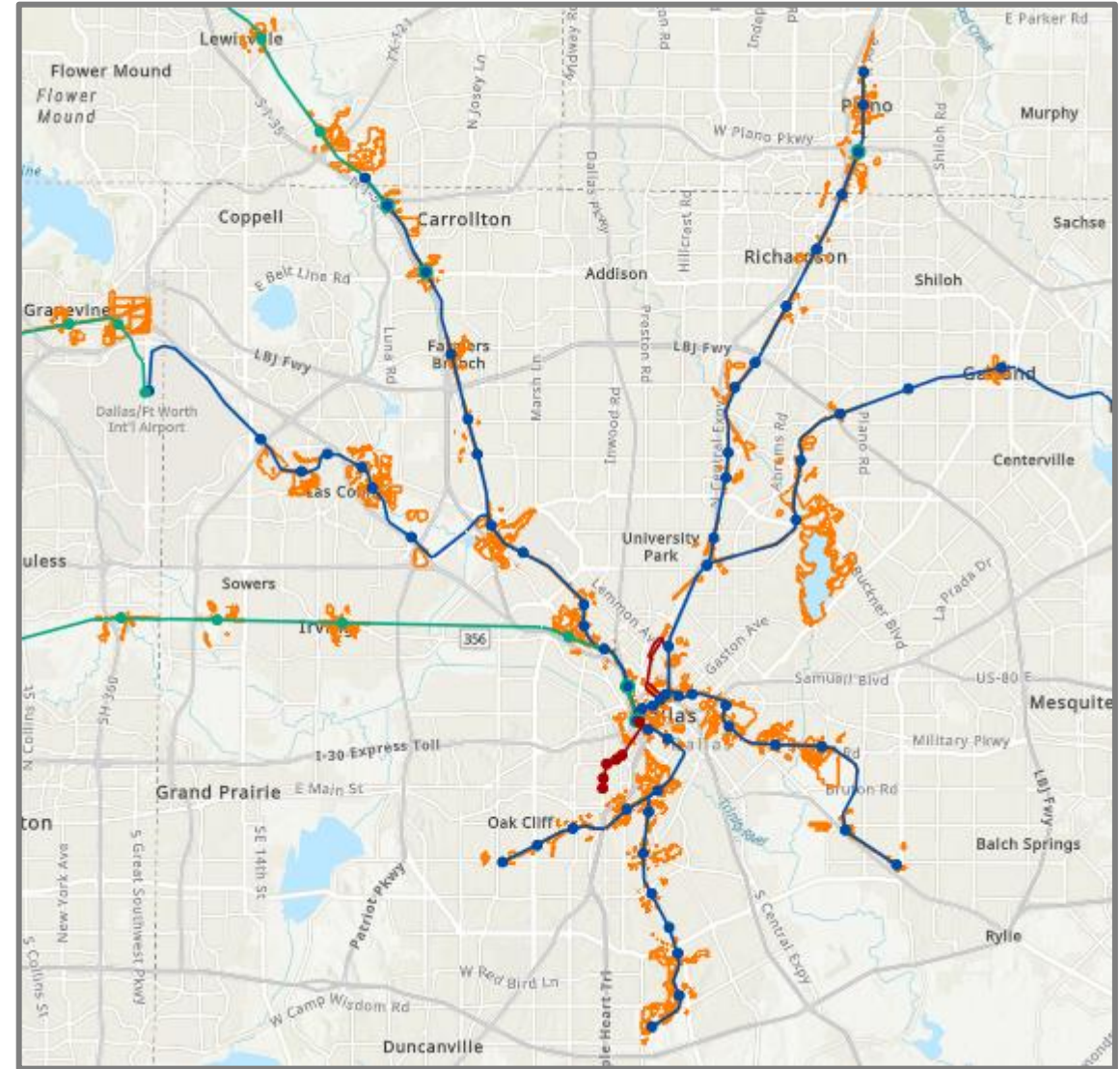
Community gardens provide many health, social, and environmental benefits for all

Guide components:

- Information on food access, food insecurity, and community gardens
- Regional potential community gardens sites with multimodal access
- Steps for program implementation for local government
- Resources from other local government-led programs and relevant entities

Inventory of Potential Community Garden Sites

- 12,555 total acres across Dallas, Denton, Collin, and Tarrant Counties
- Publicly-owned properties including city, county, transit districts, educational facilities, non-profits, etc.
- Located within 0.5 miles of both transit and existing bikeways
- Local governments may investigate other aspects such as tree canopy and soil conditions before selecting sites
- Will be available via interactive map



CONTACT US



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Senior Program Manager

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TRANSIT MANAGEMENT AND PLANNING INTRODUCTION

Gypsy Gavia, Principal Transportation Planner
RISE Coalition Quarterly Meeting
Friday, January 27, 2023



**North Central Texas
Council of Governments**

MULTIPLE HATS

North Central Texas Council of Governments
(NCTCOG)



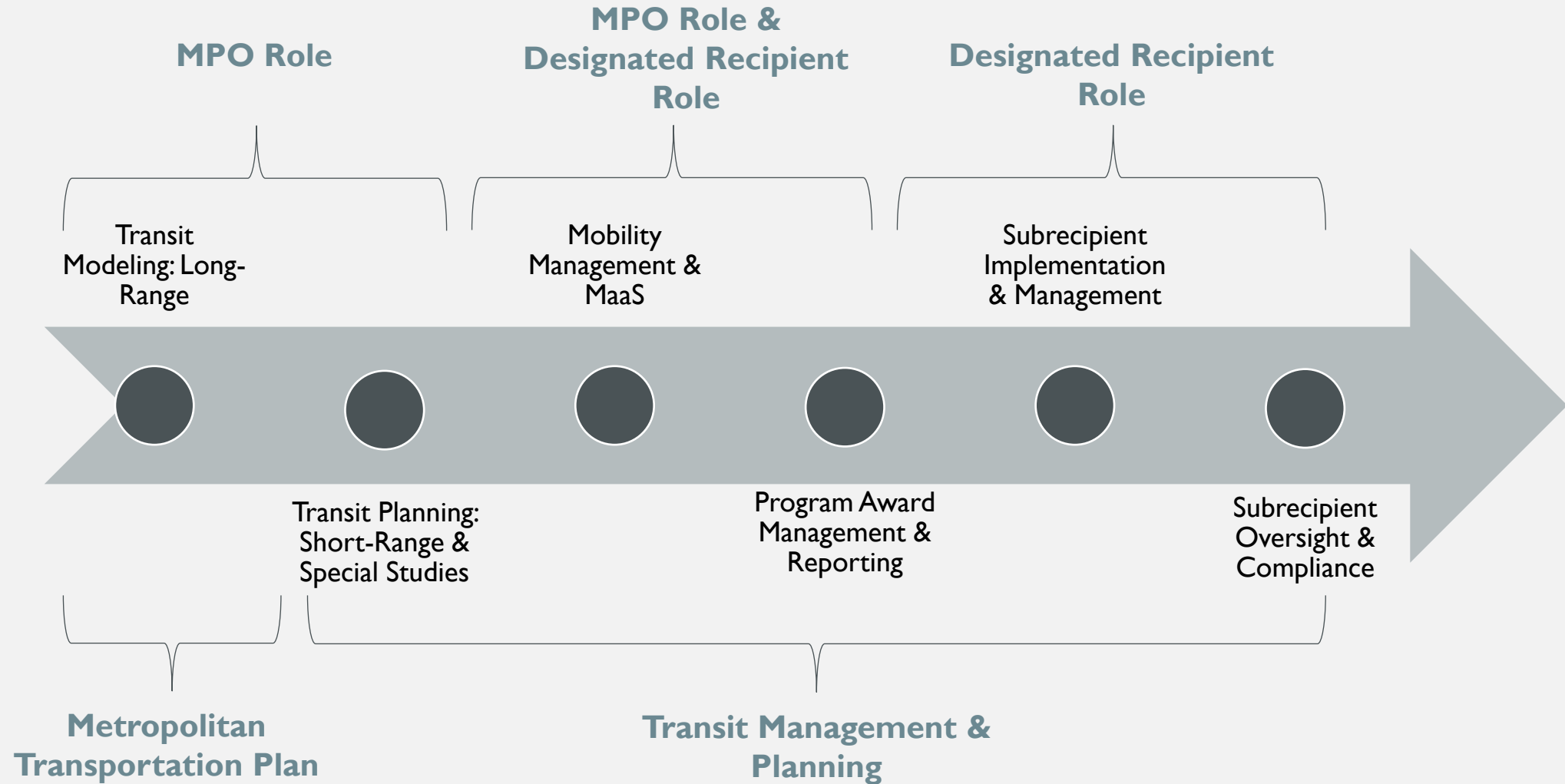
Transportation Department = Metropolitan
Planning Organization (MPO)



Federal Transit Administration (FTA)
Designated Recipient

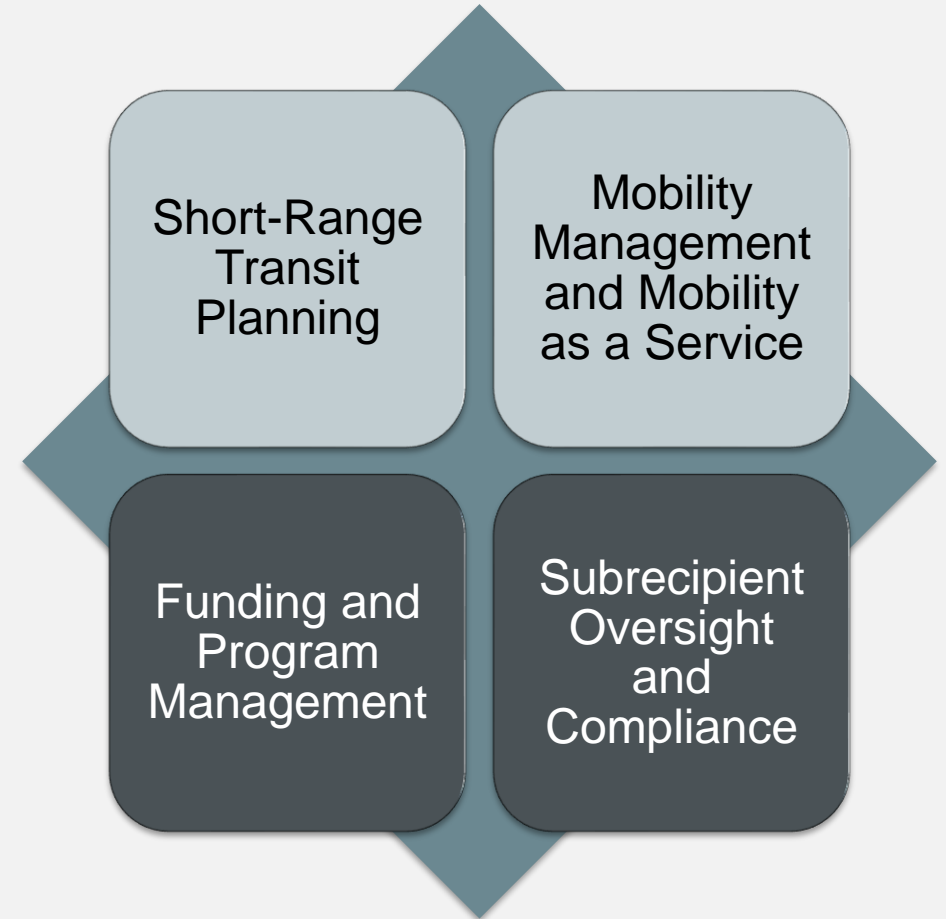


NCTCOG TRANSIT CONNECTIONS



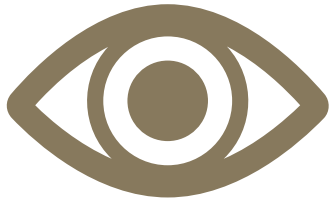
TRANSIT MANAGEMENT & PLANNING

- Serve as Designated Recipient for Federal Transit Administration funds for North Central Texas.
- Plan and develop transit corridor and subarea studies, provide various transit planning activities, and deliver technical assistance for small transit providers and local governments.
- Enhance public transportation options in North Central Texas by coordinating services, leveraging funding, and improving access for all transit users, including individuals with lower incomes, individuals with disabilities, and older adults.

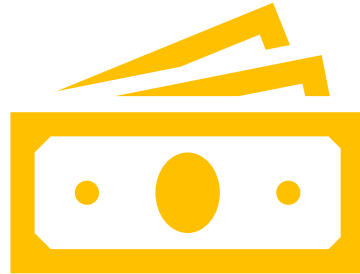


MOBILITY MANAGEMENT

Identify Gaps



Coordinate Resources



Promote Partnerships



To identify transit gaps, coordinate regional resources, and promote partnerships with governments, transit providers, and stakeholders in order to serve the transportation needs of the region, including disadvantaged populations.

SUSTAINABILITY: REGIONAL PROJECTS

DART/Toyota:West Dallas Circuit Circulators

- Free on-demand service using six small electric shuttles
- Operates 5 days per week (Mon-Fri, 7am-7pm) across West Dallas and connection with DART transit hubs

Trinity Metro:The Dash in Downtown Fort Worth

- All-electric bus connecting downtown with the Cultural District and the West 7th entertainment corridor
- Operates 7 days per week (expanded hours on Friday/Saturday)

NCTCOG: Enhancing Mobility Within the Southern Dallas Inland Port

- Transit enhancements, pedestrian infrastructure, and traffic signals across the Southern Dallas County Inland Port area
- Electric vehicles will be purchased for on-demand services
- Installation of charging equipment at strategic locations



FTA'S HEALTHY PLANET CHALLENGE

Launched in April 2021

- Call for transit agencies to develop climate, sustainability, or electrification or zero-emission transition plans
- Include strategies with measurable goals to achieve greenhouse gas (GHG) emission targets

Phase I: June 2021 - April 2022

- NCTCOG staff encouraged transit agencies to participate in the challenge
- Four transit agencies in North Texas registered: Dallas Area Rapid Transit (DART), Trinity Metro, Denton County Transportation Authority (DCTA), and STAR Transit
- Two agencies submitted plans: DART ([Climate Action Plan](#)), Trinity Metro ([Sustainability Plan](#))

Phase 2: April 2022 – April 2023

- FTA seeking to increase participation of agencies developing climate action plans

TRANSIT STRATEGIC PARTNERSHIP PROGRAM

- Process to evaluate transit project ideas and implement services based on need and feasibility
- Accepting proposals on rolling basis, 2 distinct cycles
- Encouraging nonservice providers to partner with existing transit providers
- Not intended to make up for operating shortfalls, but to pilot services in urbanized area
- More information can be found on NCTCOG's [Strategic Partnerships](#) page

Section	Program	Purpose	Project Types
5307	Urbanized Area Formula (includes Job Access/Reverse Commute projects)	Serve general public, including low- income populations	Capital Operating Planning
5310	Enhanced Mobility of Seniors and Individuals with Disabilities	Serve needs of the elderly and individuals with disabilities	Capital Operating

TRANSIT PLANNING



Transit Studies
Tarrant County
Southern Dallas County
 Collin County

Geographic Focus	NCTCOG Region		Outside Transit Authority Service Areas
User Focus	All Users	Vulnerable Users	All Users
Travel Modes	All Modes	Bus, Demand Response, and Paratransit	Bus and Demand Response (Rail & High-Capacity Transit)
Planning Horizon	Long Range	Short-Medium Range	Short-Medium Range

For more information on upcoming transit studies, visit: <https://www.nctcog.org/TransitStudies>

CONTACT INFORMATION

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Asa Woodberry, Transportation Planner II

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Website: www.nctcog.org/transit

RISE Member Presentation: City of Plano

**Jaime Bretzmann & Nicole Warhoftig
Environmental Health and Sustainability
City of Plano**



Plano's Sustainability Efforts

Nicole Warhoftig – SEED Manager

January 27, 2023



The SEED Team

- Environmental Health & Sustainability Department
- 13 Staff
- 11 Full Time
- 2 Part Time



Food Scrap Composting Program

- Funded by a solid waste grant from TCEQ/NCTCOG
- Residential collection of food scraps
- 8 Locations throughout City
- Equitable access for single family and multi-family residents
- 117 lbs to 1443 lbs in one week
- 378 residents registered



Tree Giveaway

- 2022 –900 trees to residents
- Partnered with Texas Trees Foundation
- 200 new trees at Preston and Legacy through the GCAA from KTB
- Supporting Parks Master Plan to increase the tree canopy
- Recovery from Winter Storm Uri



National Wildlife Federation



CERTIFY YOUR GARDEN FOR WILDLIFE MONTH

Help local wildlife thrive in
the urban environment by
creating a space for them
outdoors.

Learn more at
nwf.org/certify.



Solar Co-Op

- Opened in Fall 2022 – 2nd year
- Solar United Neighbors
- 227 Plano residents registered
- 12% have contracts in place
- 37% are considering their proposals
- Deadline for contracts is February 10



Recycling

- Texas Recycles Day
- Waste Ace Fair
- Focused recycling messages targeting highest revenue items
- Success of modules



Green School Program

- 20 Schools enrolled



Litter Programs

- Litter Trailer
- Great American Cleanup
- Fall Cleanups
- Adopt a Highway
- Storm Drain Labeling



LGIP Volunteer Program



Mobile Outreach Van

- Meeting people where they are
- Microlearning



Education Classes

- Organic Vegetable Gardening
- Success with Seeds
- Master Composter Training
- Fix a Leak Week
- Shade Gardening
- Smart Yards for North Texas



Events & Outreach

- Events
- Newsletters
- Social Media
- New marketing with CCO



Upcoming Projects

- Goal setting
- CDP reporting
- LEED for Cities
- Sustainability Implementation Plan
- CARE strategy update
- Department Staff Development



Questions?

Nicole Warhoftig
SEED Manager

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livegreeninplano.com



TCEQ's State Implementation Plan for Ozone Standards Reclassification

Donna Huff

**Deputy Director, Office of Air/Air Quality Division
Texas Commission on Environmental Quality**



Dallas-Fort Worth (DFW) Ozone Air Quality Planning Update

Donna Huff – Air Quality Division

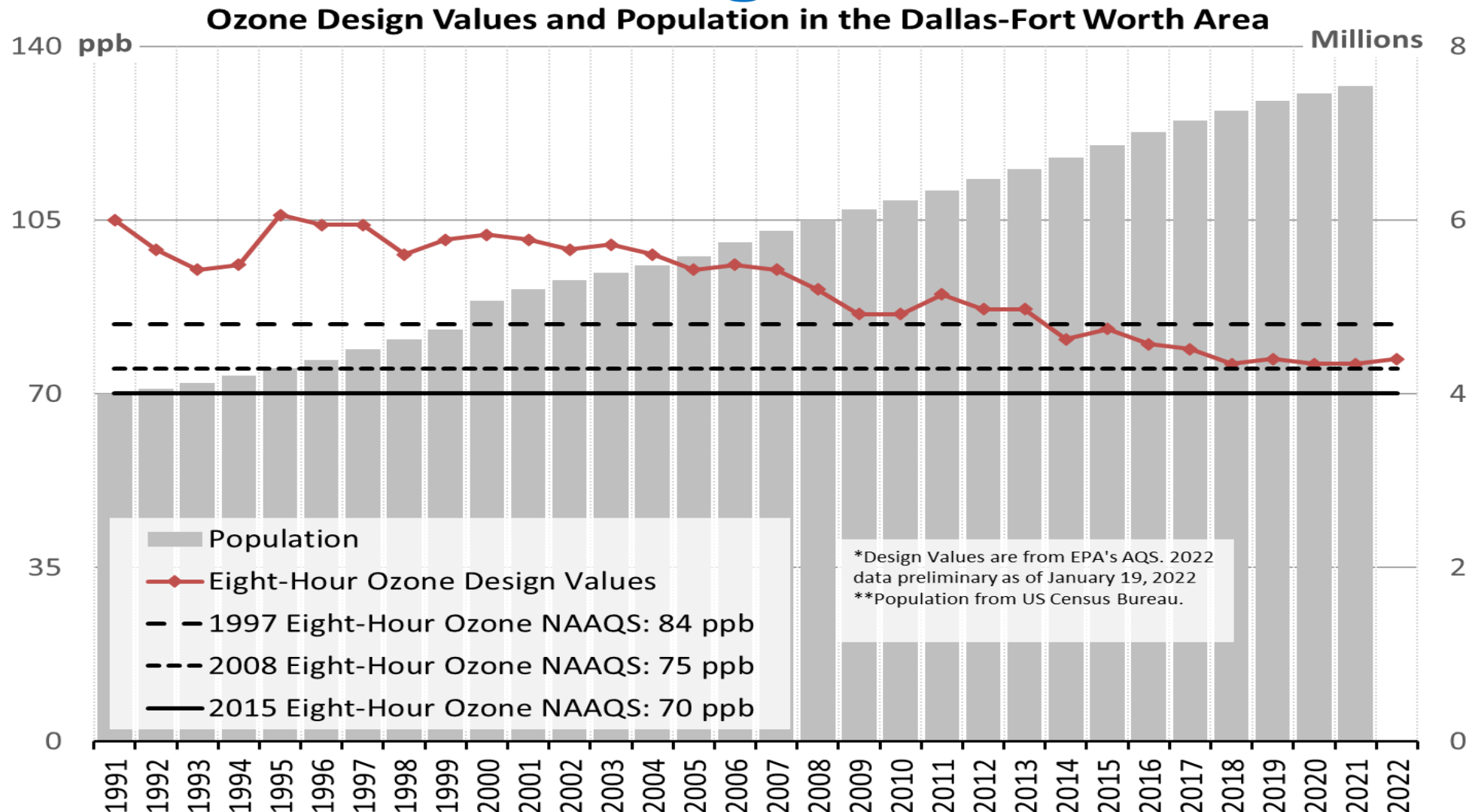
Preview

- Overview of State Implementation Plan (SIP) Process and Nonattainment Classifications
- Ozone National Ambient Air Quality Standard (NAAQS) Updates
 - 2008 Eight-Hour Ozone NAAQS
 - 2015 Eight-Hour Ozone NAAQS

NAAQS Compliance

- A design value is a statistic used to summarize air quality data for an area to determine compliance.
- Design values must be greater than the NAAQS for an area to exceed the standard.
- An area that monitors over the NAAQS is not automatically designated as nonattainment.
- The area must go through the U.S. Environmental Protection Agency's (EPA) designation process to determine regulatory compliance.

DFW Ozone Design Value Trends



DFW 4th High Values

2018	2019	2020	2020 Design Value (ppb)
82	71	77	76

2019	2020	2021	2021 Design Value
73	71	85	76

2020	2021	2022	2022 Design Value*
71	85	77	77

*The 2022 design value is preliminary and subject to change.

2008 Eight-Hour Ozone NAAQS

- Standard is 0.075 parts per million (ppm).
- Initial designations on May 21, 2012.
 - DFW designated moderate effective July 20, 2012.
- 10-county DFW nonattainment area includes Collin, Dallas, Denton, Ellis, Johnson, Kaufman, Parker, Rockwall, Tarrant, and Wise Counties.
- DFW nonattainment area reclassified to serious, effective September 23, 2019.

2008 Eight-Hour Ozone NAAQS Severe Reclassification

- DFW nonattainment area reclassified to severe, effective November 7, 2022.
 - Attainment Demonstration (AD) and Reasonable Further Progress (RFP) SIP revisions due by May 7, 2024.
 - Federal Clean Air Act (FCAA) Section 185 fee program rules due by November 7, 2025.
 - Attainment is required by the end of 2026 to meet the July 20, 2027 attainment deadline.
 - Anticipated proposal of SIP revisions in November 2023 with adoption in April 2024.

FCAA Section 185 Fee

- Penalty imposed if an area fails to attain by its severe attainment date.
- If the state does not impose the fee, the EPA will impose it with interest.
- Texas Emissions Reduction Plan revenue history in HGB.
- Applies to major sources of nitrogen oxides (NO_x) and volatile organic compounds (VOC) in the ozone nonattainment areas.
- Enforced each year until redesignation to attainment.

FCAA Section 185 Fee Rates

- Fee rate is \$5,000 per ton of NO_x and VOC emitted over a baseline amount and is adjusted by inflation, using the Consumer Price Index.
 - For calendar year 2022, the EPA-published fee rate was \$11,122 per ton.
- The fee could be imposed as early as 2028.
 - The estimated Section 185 Fee obligation for DFW could be as much as **\$45 million in 2028.**

2015 Eight-Hour Ozone NAAQS

- Standard is 0.070 ppm.
- Nine-county DFW marginal nonattainment area includes Collin, Dallas, Denton, Ellis, Johnson, Kaufman, Parker, Tarrant, and Wise Counties (Rockwall County removed).
- Required marginal nonattainment area Emissions Inventory SIP revision submitted on June 24, 2020.

2015 Eight-Hour Ozone NAAQS Moderate Reclassification

- DFW nonattainment area reclassified to moderate, effective November 7, 2022.
 - RFP and AD SIP revisions due January 1, 2023.
 - Attainment is required by the end of 2023.
- Anticipated proposal of SIP revisions in May 2023 with adoption in November 2023.

Ongoing Work for DFW Area

- Evaluating contingency measures requirements.
- Ongoing industry outreach.
- Researching and inviting input on new reduction strategies.

Contact Information

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Calvin, Denine, SIP Team - DFW
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Denine.Calvin@tceq.texas.gov

NCTCOG Regional Updates and Opportunities

REGIONAL INITIATIVES AND UPDATES

Public Electric Vehicle (EV) Charging Working Group

- Working group focused on coordinating EV infrastructure needs and development across the region
- To join group, email Lori Clark at lclark@nctcog.org

EV Ride & Drive Capacity Building

- Working Group to Brainstorm ways to build EV Ride & Drives into Local Events
- To join group, email lclark@nctcog.org

Regional Energy Management Survey

- Please complete this survey to help us identify the region's most pressing energy management needs and prioritize the development of appropriate resources. Your feedback is important to NCTCOG's success. We greatly appreciate your time and input!
- <https://www.surveymonkey.com/r/LG9B79G>

NCTCOG Regional Updates and Opportunities

REGIONAL INITIATIVES AND UPDATES

Texas EV Charging Plan

Phase 1

- Install DC fast charging in recommended study areas along designated corridors
- Competitive grant program opening soon
- Waiting on FHWA to issue final rulemaking

Phase 2

- Install DC fast charging in county seats
- Build additional infrastructure in urban areas
 - MPOs to recommend locations
 - \$64.5 million to install DC fast charging within MPA

www.txdot.gov/projects/projects-studies/statewide/texas-electric-vehicle-planning-03-22-22.html

Local Government Energy Reporting

- Entities in a nonattainment area are required to submit annual energy reporting
- Report should reflect electricity consumption between Jan 1, 2022 and Dec 31, 2022
- **Deadline: Friday, March 3, 2023**
- For more information and to submit reporting, see SECO's webpage, www.comptroller.texas.gov/programs/seco/reporting/local-gov.php.
- For frequently asked questions, refer to SPEER's Energy Reporting Guide at www.eepartnership.org/energy-reporting-faq/

NCTCOG Regional Updates and Opportunities

UPCOMING MEETINGS AND EVENTS

Long-Term Texas Electric Vehicle Infrastructure Strategic Plan Workshop

Date: Wednesday, February 1, 2023

Time: 9:00 am – 4:00 pm

Where: NCTCOG campus in Arlington. [Register online here.](#)

Lithium-Ion Fire Protection Forum

Date: Wednesday, February 8, 2023

Time: 2:30 – 4:00 pm

Where: NCTCOG campus in Arlington. [Register online here](#); seats limited.

SAVE THE DATE: RISE Coalition Weatherization Workshop – Registration coming soon!

March 2nd from 9:00 am-1:00 pm at the Vine Arts and Events Center in Grapevine, TX

View listing and link to recording of past events related to electric vehicles and other alternative fuels at: www.dfwcleancities.org/events



CLIDE

Celebrating Leadership In Development Excellence
Awards 2023

Applications accepted February 1– March 1, 2023

www.developmentexcellence.com





The Celebrating Leadership in Development Excellence (CLIDE) Awards honor development and planning projects that exemplify the region's Principles of Development Excellence which outline a vision for sustainable, livable communities in North Texas. The North Central Texas Council of Governments (NCTCOG) is looking for projects and programs in North Texas that exemplify these principles.

Applications accepted February 1– March 1, 2023

www.developmentexcellence.com

Categories for Submittal

New Development

Recognizes developments that are constructed on previously undeveloped sites and successfully exemplify many of the Principles of Development Excellence.

Redevelopment

Recognizes those developments that reuse and/or rebuild existing structures and successfully exemplify many of the Principles of Development Excellence.

Special Development

Recognizes projects that exemplify only a limited number (one or two) of the Principles of Development Excellence, but which are outstanding in their promotion of those selected principles. Projects that exemplify the Environmental Stewardship principle may be highlighted here. Examples include but are not limited to a sustainable infrastructure project, an energy conservation initiative, an open space or trail project, or a stormwater best management practice (BMP) such as low-impact development (LID).

Raising Public Awareness

Recognizes an organization and/or individual for educating the public or raising awareness of development excellence. Examples include but are not limited to a media outlet in the North Central Texas region for a story or series or an organization or local government for a public education campaign.

Public Policy and Planning

Recognizes a local government or private/public partnership for implementing a program or policy that facilitates and promotes various aspects of the Principles of Development Excellence. Examples include but are not limited to adopted policies, programs, ordinances, and guidelines (mixed use, open space, natural features protection, public space, historic preservation, design standards, or incentives) that can include a public/private initiative as well as comprehensive, neighborhood, area, or strategic plans.

Other Business

Participant Roundtable

Members will be called on first, and then others will have the opportunity to share what is happening within their organization.

Future Agenda Items

Next Meeting Dates

Next RISE Coalition Meeting:

Friday, April 28, 2023

9:30 a.m.

Virtually via Microsoft Teams

NCTCOG's Free E-Mail Lists and Committee Updates

<https://www.nctcog.org/stay-informed?ext=>

<https://www.nctcog.org/envir/mail>

RISE Website:

<https://www.nctcog.org/envir/development-excellence/rise-coalition>

<https://www.nctcog.org/envir/committees/regional-integration-of-sustainability-efforts-ris>

NCTCOG RISE Coalition Contacts

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Thank you!