

# **Mobility 2045 Recommendations and Associated Transportation Conformity Results**

**Surface Transportation Technical Committee**

**May 25, 2018**



# Partner Comments Received

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## Consistency with Local Government Plans

## Revised Arterial Projects – Rowlett

### Princeton Road

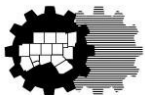
**Removed Extension Project**

### Elm Grove Road

**Removed Widening Project**

### Dalrock Road

**Added Capacity from 4 to 6 Lanes**



# Partner Comments Received

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## Consistency with Local Government Plans

## Revised Arterial Projects – Richardson

### Campbell Road

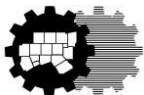
**Greenville to Glenville – Removed Widening Project**

### Main Street

**US 75 to Sherman Street – Removed Widening Project**

### Belt Line Road

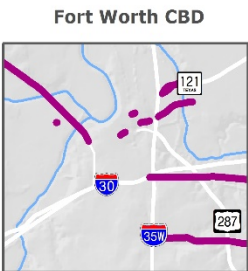
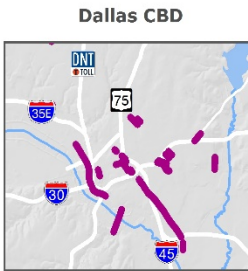
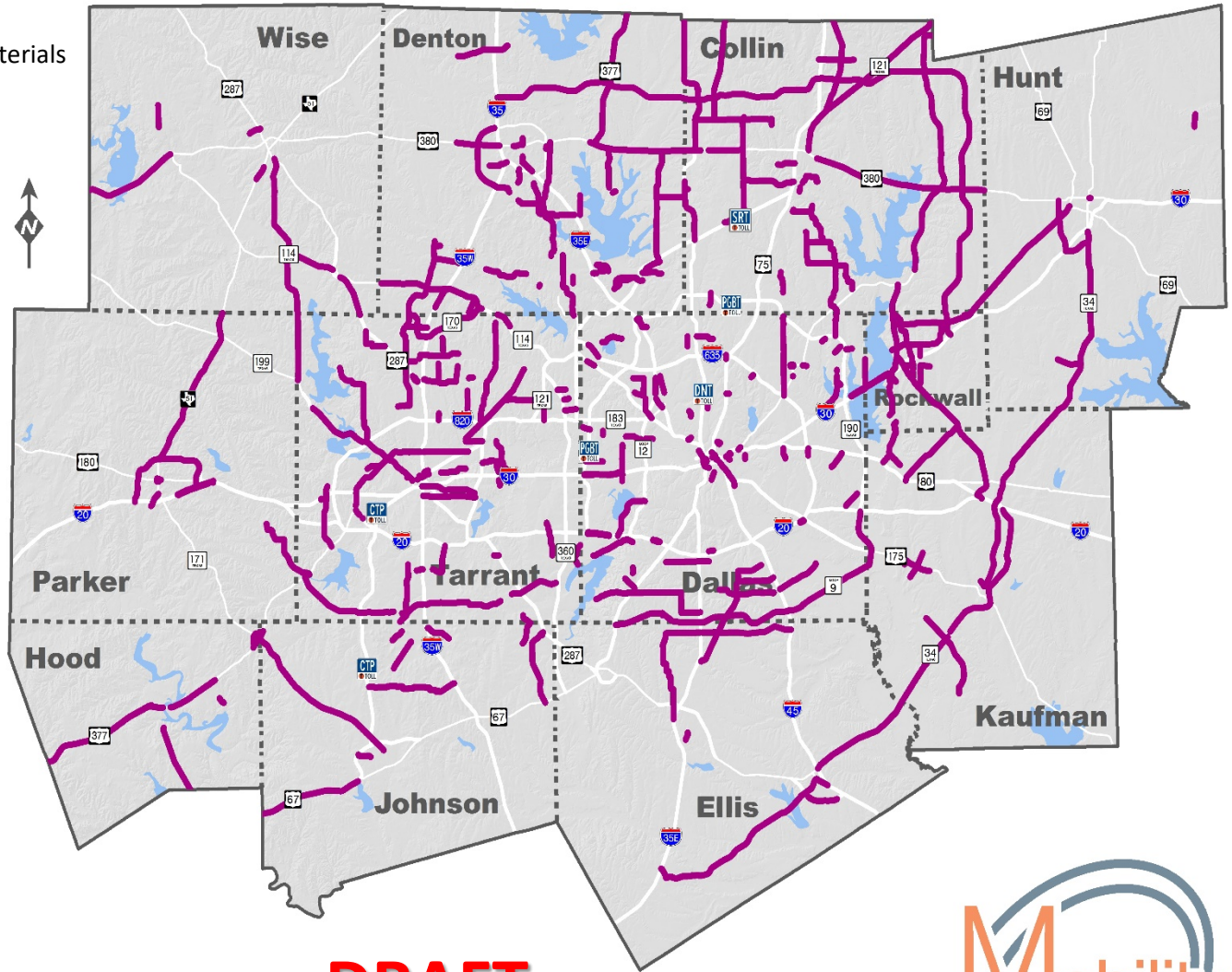
**Abrams to Frances Way – Removed Widening Project**



# Arterial Capacity Improvements

 Regionally Significant Arterials

Non-Regionally Significant Arterials may move forward and are not included in Mobility 2045 Recommendations



**DRAFT**

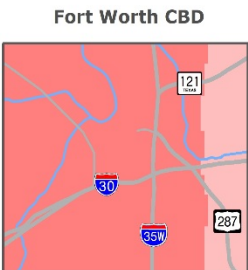
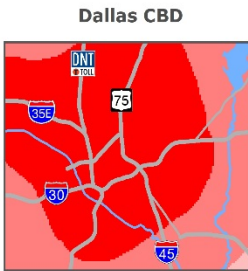
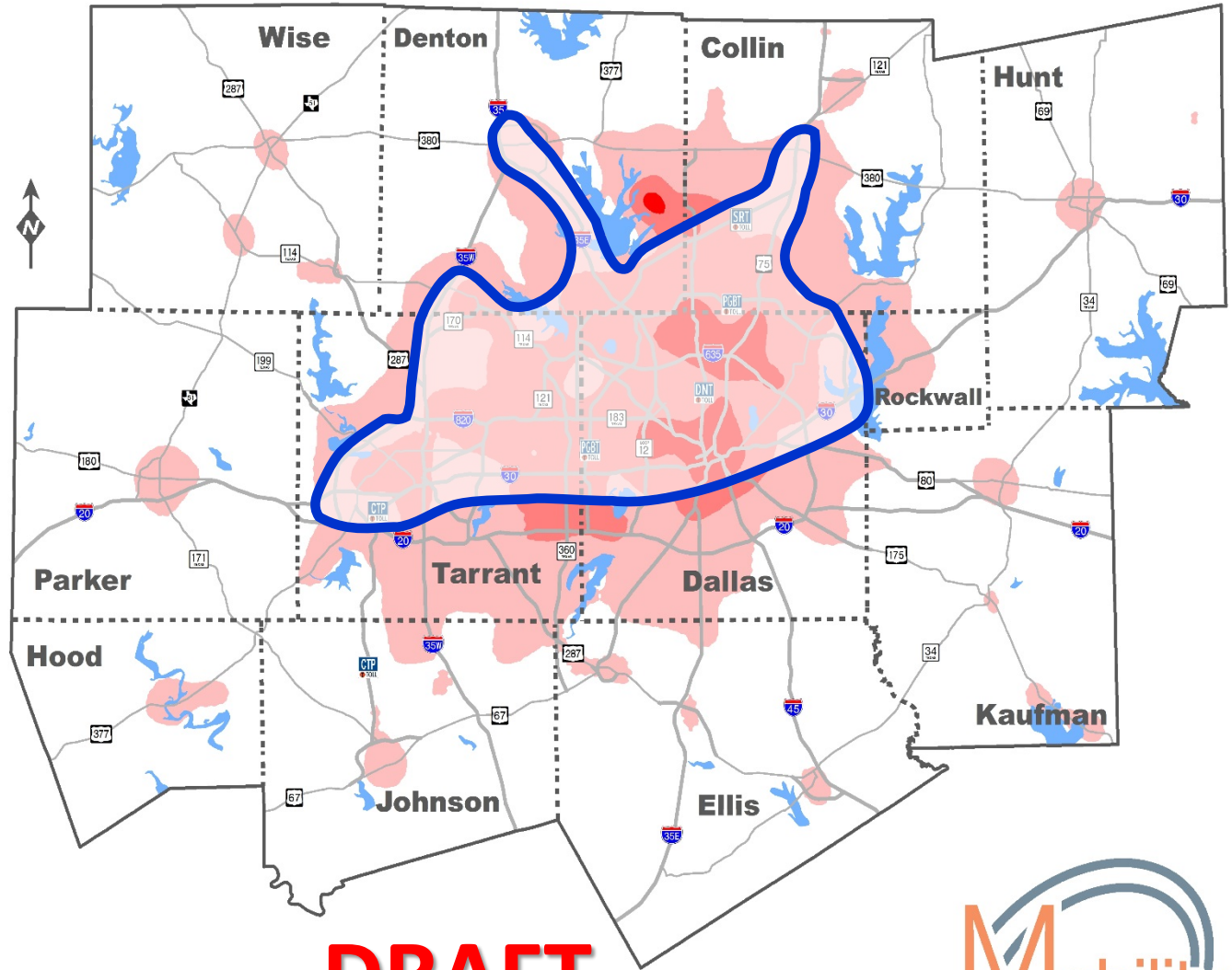


Lines on this map depict arterials with funds for improvement. Facility recommendations indicate transportation need. Corridor-specific alignment, design, and operational characteristics will be determined through ongoing project development.

# Toll Managed Lane System Policy Boundary

## Congestion Index

- No Congestion
- Light Congestion
- Moderate Congestion
- Severe Congestion



**DRAFT**

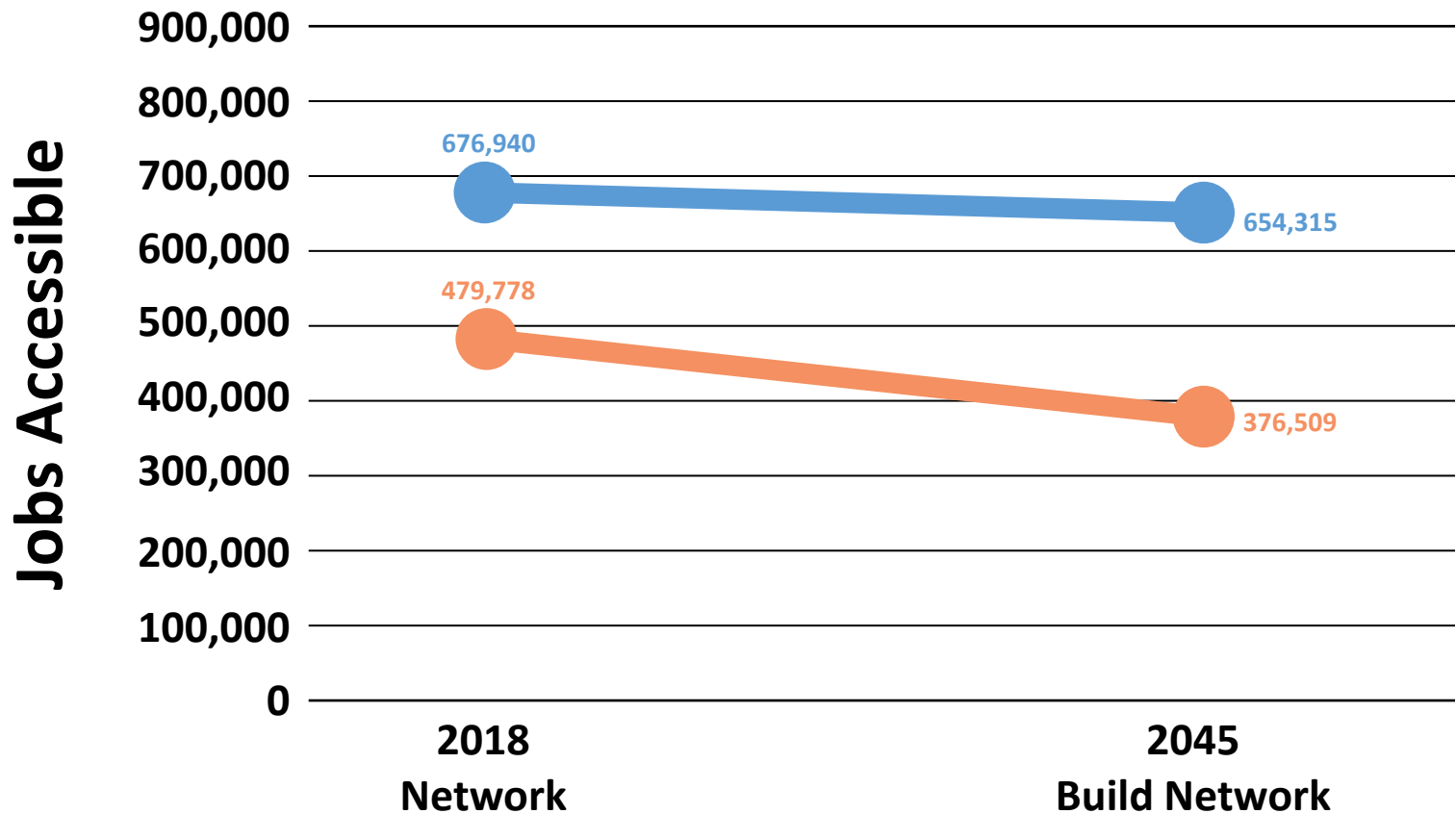
Cost of Congestion/Delay: \$11.9 billion

Congestion Index is based on a percent increase in travel time.



# Environmental Justice Analysis

## Job Access by Auto Within 30 Minutes

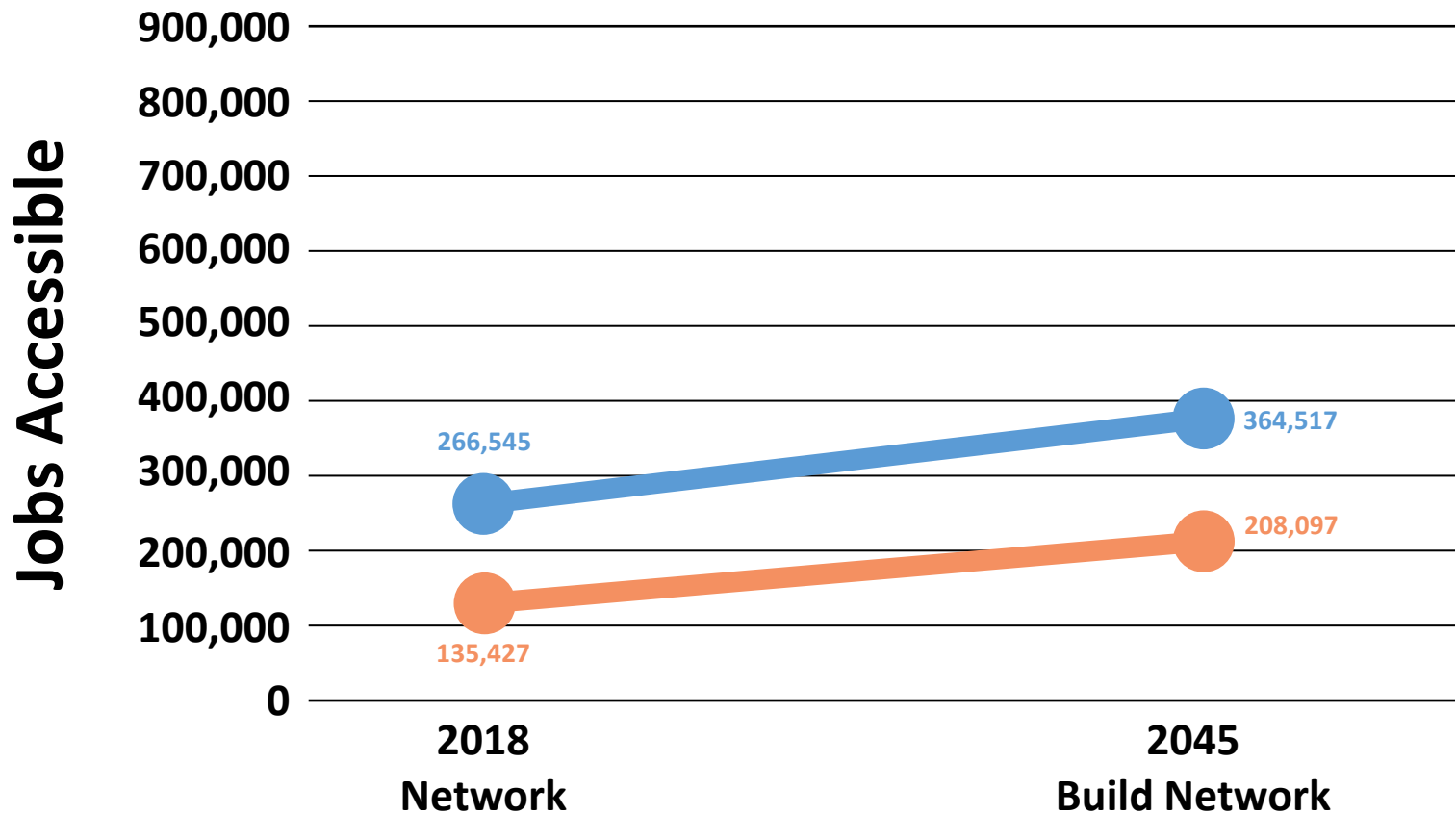


Protected Populations  
Non-Protected Populations



# Environmental Justice Analysis

## Job Access by Transit Within 60 Minutes



Protected Populations  
Non-Protected Populations



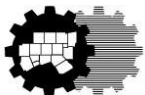
**Draft Mobility 2045 Document  
Project Recommendation Maps  
Project Recommendation Tables**

**[www.nctcog.org/mobility2045](http://www.nctcog.org/mobility2045)**

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**Submit Mobility 2045 Comments by Email**

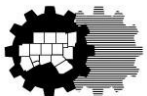
**[mobilityplan@nctcog.org](mailto:mobilityplan@nctcog.org)**



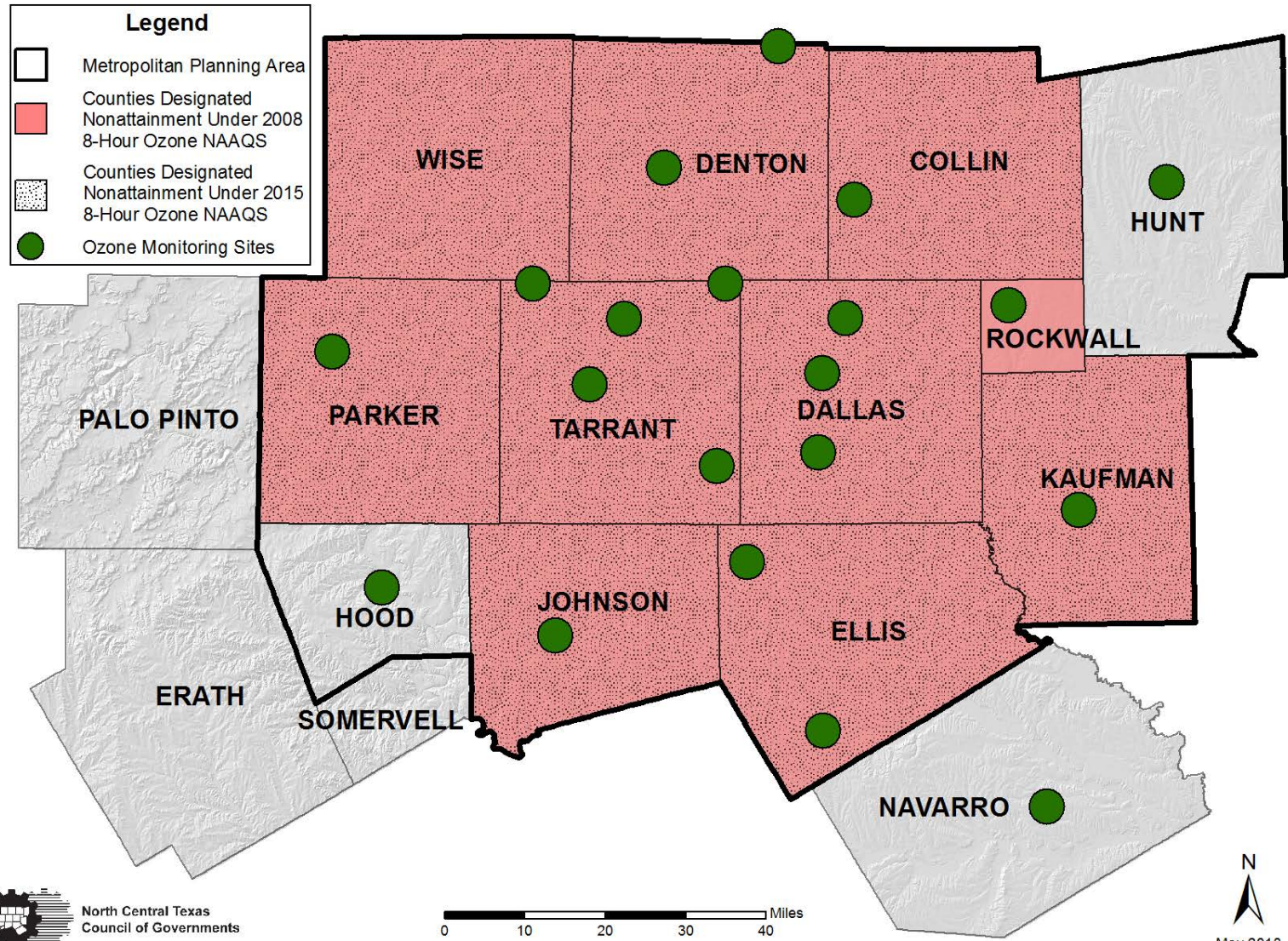


# Transportation Conformity Analysis

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# 9 and 10-County Ozone Nonattainment Areas



# 2018 Transportation Air Quality Conformity

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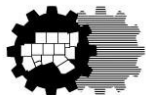
## Reason

Test Against Motor Vehicle Emission Budgets (MVEBs)

**MVEBs Currently and Previously Effective**

2015 Ozone Designations

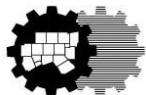
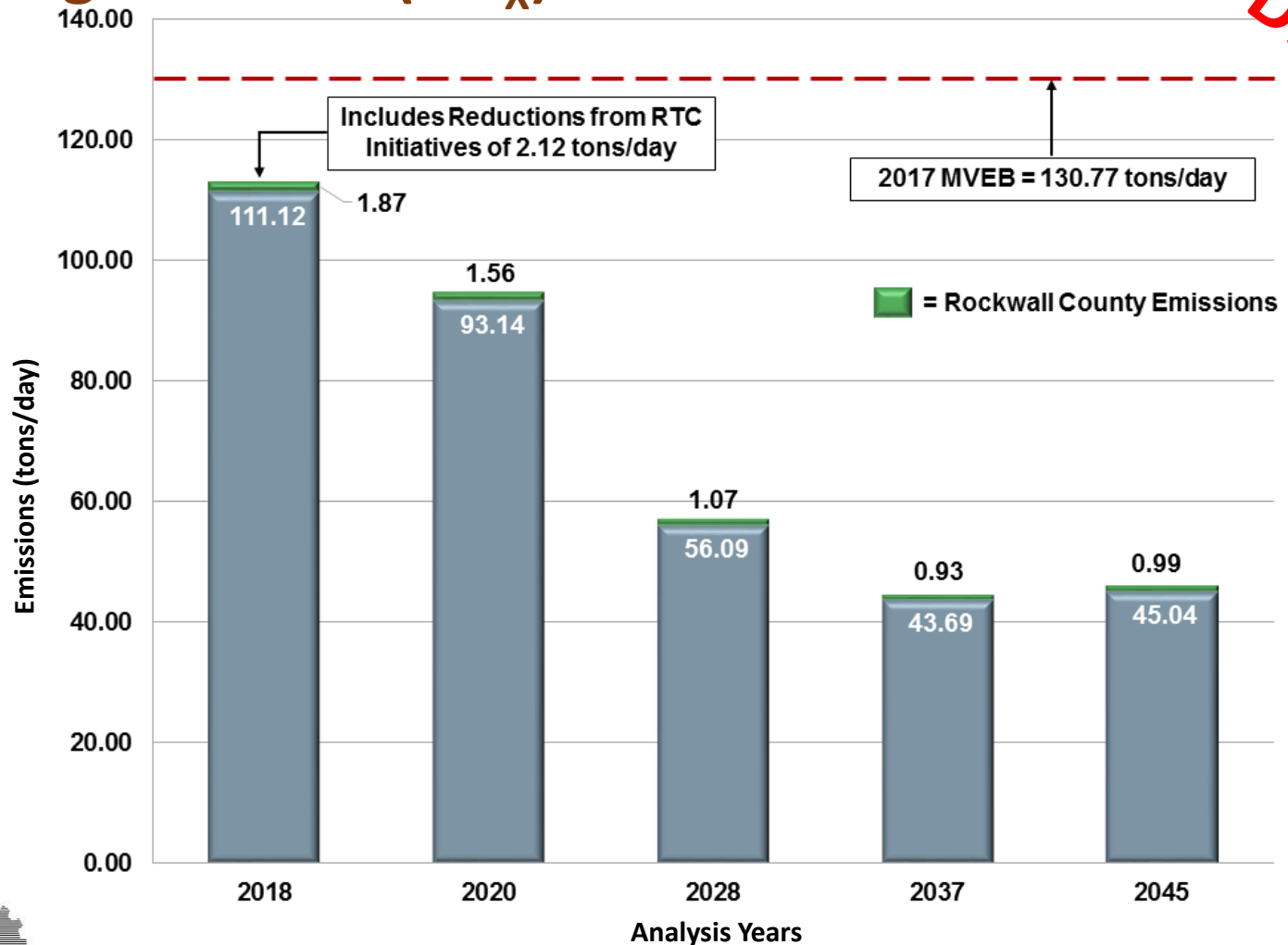
**Determination within One Year of Designations**



# 2018 Transportation Conformity Results

## Nitrogen Oxides (NO<sub>x</sub>) Emissions

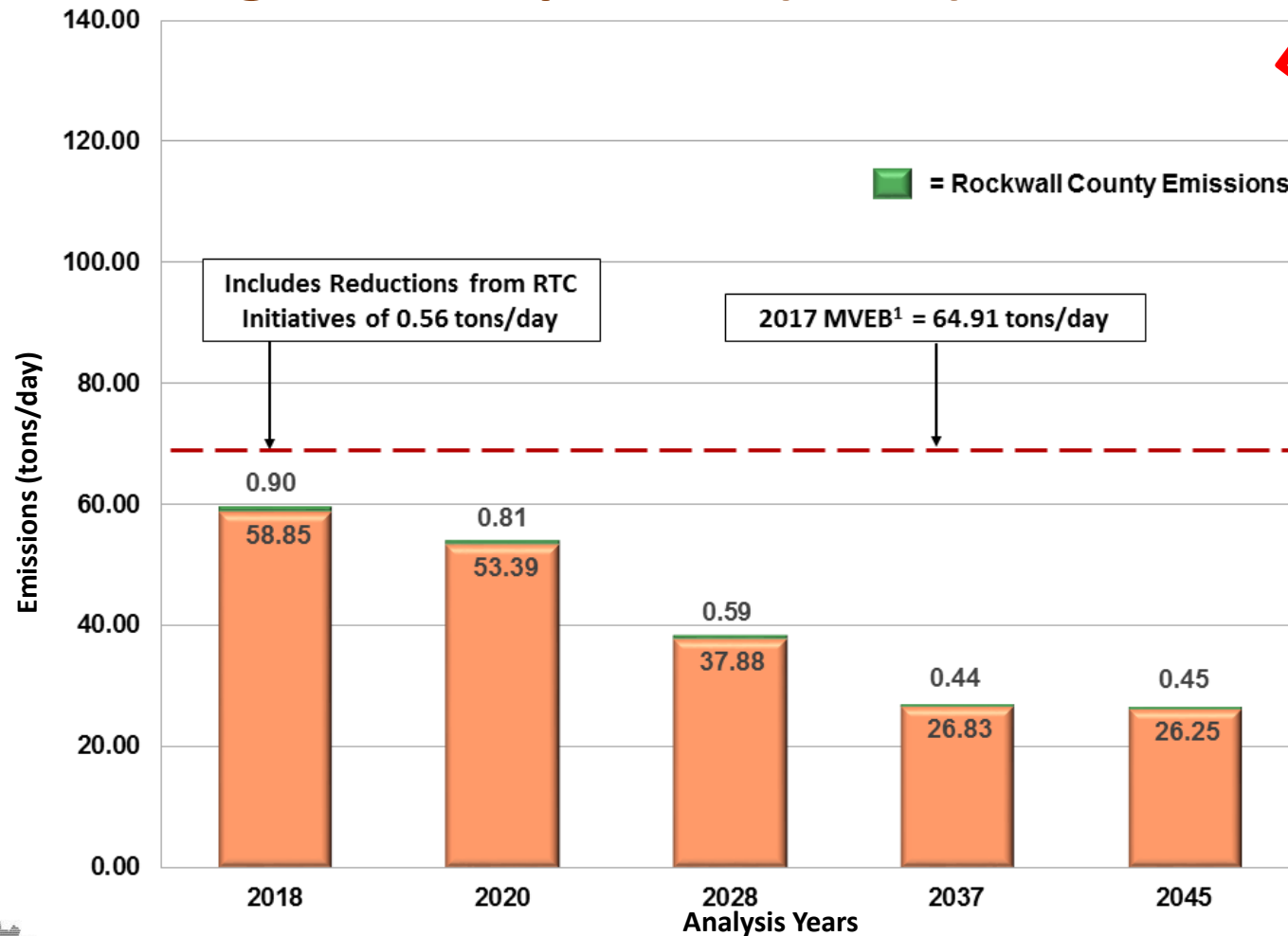
**DRAFT**



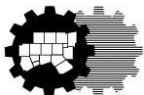
<sup>1</sup> Source: Adequacy Status of the Dallas-Fort Worth, Texas Attainment Demonstration 8-Hour Ozone Motor Vehicle Emission Budgets for Transportation Conformity Purposes, [81 FR 78591](#)

# 2018 Transportation Conformity Results

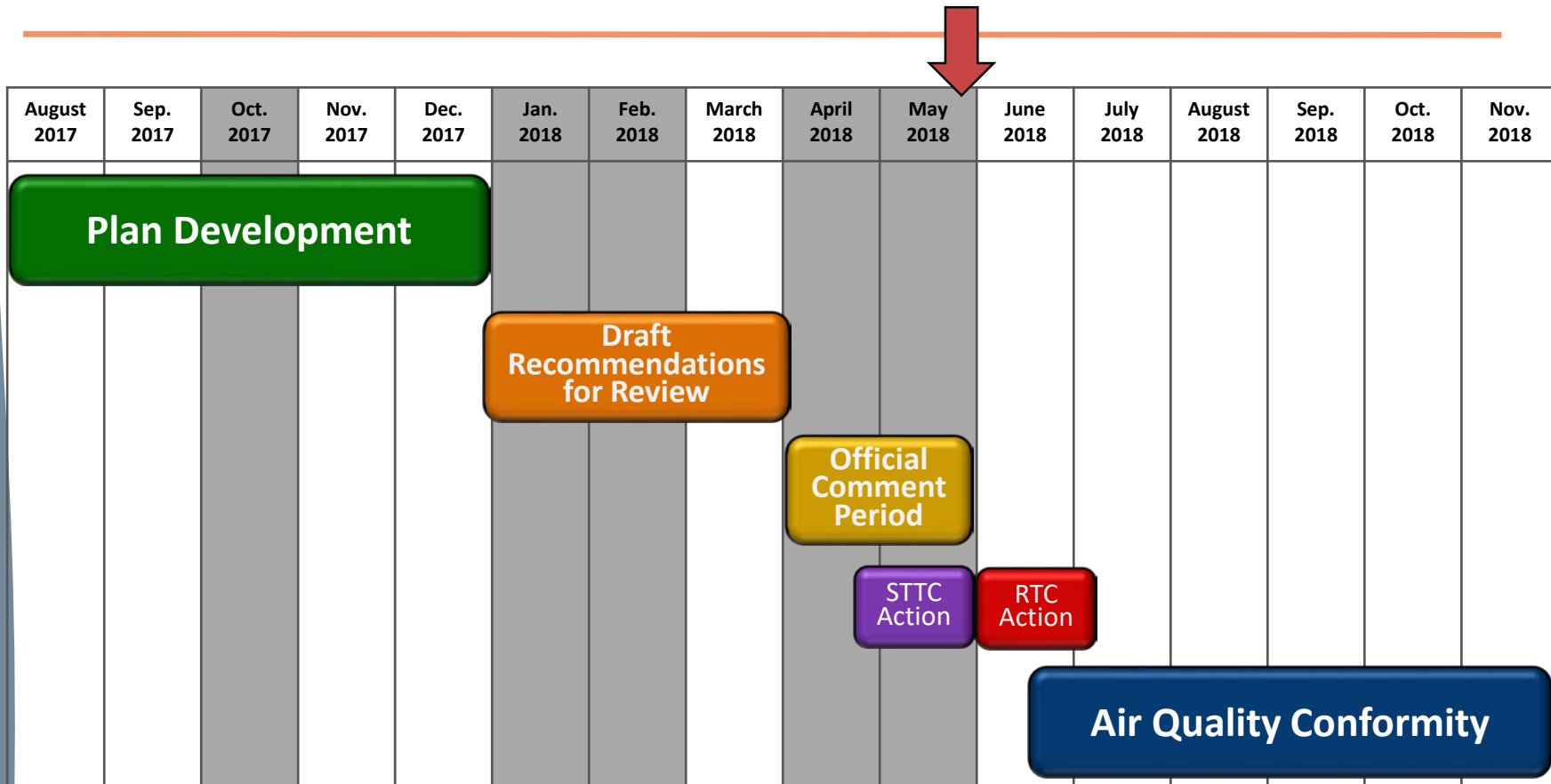
## Volatile Organic Compounds (VOCs) Emissions



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

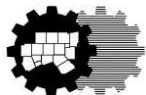


# Mobility 2045 Schedule



**Notes:**

- Public meetings held during highlighted months.
- Regional Transportation Council action on Mobility 2045 scheduled for June 14, 2018.



# Supporting Information

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## **Mobility 2045 Recommendations:**

Meet Financial Constraint Requirements

Meet Environmental Justice Requirements

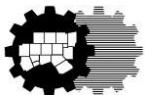
Have No Disproportionately High or Adverse Impacts on Protected Populations

## **2018 Conformity Objectives Were Met by:**

Successfully Passing the MVEB Test

Timely Implementation of Transportation Control Measures

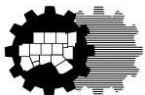
Analysis Consistent with Air Quality Goals of the State Implementation Plan



# Requested Action

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**The Surface Transportation Technical Committee endorses the projects, programs, and policies contained in Mobility 2045 and recommends the Regional Transportation Council approve Mobility 2045 and the associated 2018 Transportation Conformity.**





# Questions?

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**Mobility 2045**

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**Transportation**

**Conformity**

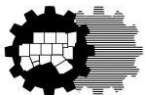
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[www.nctcog.org/mobility2045](http://www.nctcog.org/mobility2045)





# U.S. Department of Transportation Funding for Advanced Transportation and Congestion Management Technologies Deployment Initiative



**Surface Transportation Technical Committee  
May 2018**

North Central Texas  
Council of Governments

# Overview of Funding Opportunity

- **\$60 Million Total**; 5 to 10 awards up to \$12 million each
- **FY 2016 to 2020**; applications will be solicited annually for competitively selecting grant recipients for that funding year
- **Transportation Technologies** to improve safety, efficiency, system performance, and infrastructure return on investment
- Applications due **June 18, 2018**
- Minimum **50% non-federal cost share**

# ATCMTD Use of Funds

- Advanced traveler information systems;
- Advanced transportation management technologies;
- Infrastructure maintenance, monitoring, and condition assessment;
- Advanced public transportation systems;
- Transportation system performance data collection, analysis, and dissemination systems;
- Advanced safety systems, including V2V and V2I communications, technologies associated with autonomous vehicles, and other collision avoidance technologies;
- Integration of ITS with the Smart Grid and other energy distribution and charging systems;
- Electronic pricing and payment systems; or
- Advanced mobility and access technologies, such as dynamic ridesharing and information systems to support human services for elderly and disabled individuals

# ATCMTD Program Focus Areas

Proposals are not limited to these priorities but U.S. DOT is particularly interested in deployment programs and projects in the following areas:

- Multimodal Integrated Corridor Management
- Installation of Connected Vehicle Technologies at Intersections and Pedestrian Crossing Locations
- Unified Fare Collection and Payment Systems Across Transportation Modes and Jurisdictions
- Freight Community System
- Technologies to Support Connected Communities
- Infrastructure Maintenance, Monitoring, and Condition Assessment
- Rural Technology Deployments

# Past ATCMTD Projects

2016 – NCTCOG and TxDOT

- **NCTCOG** - Wrong Way Drivers, Traffic Signals/Ramp Meters, Low-Water Crossings
- ✓ TxDOT Houston Awarded – Shared-Use eBikes, Social Carpooling, Ridesharing, Unified Payment Across Transit

2017 – DART, City of Dallas, City of Arlington, and TxDOT

- ✓ TxDOT Awarded ~\$6 Million for Connected Freight Corridors

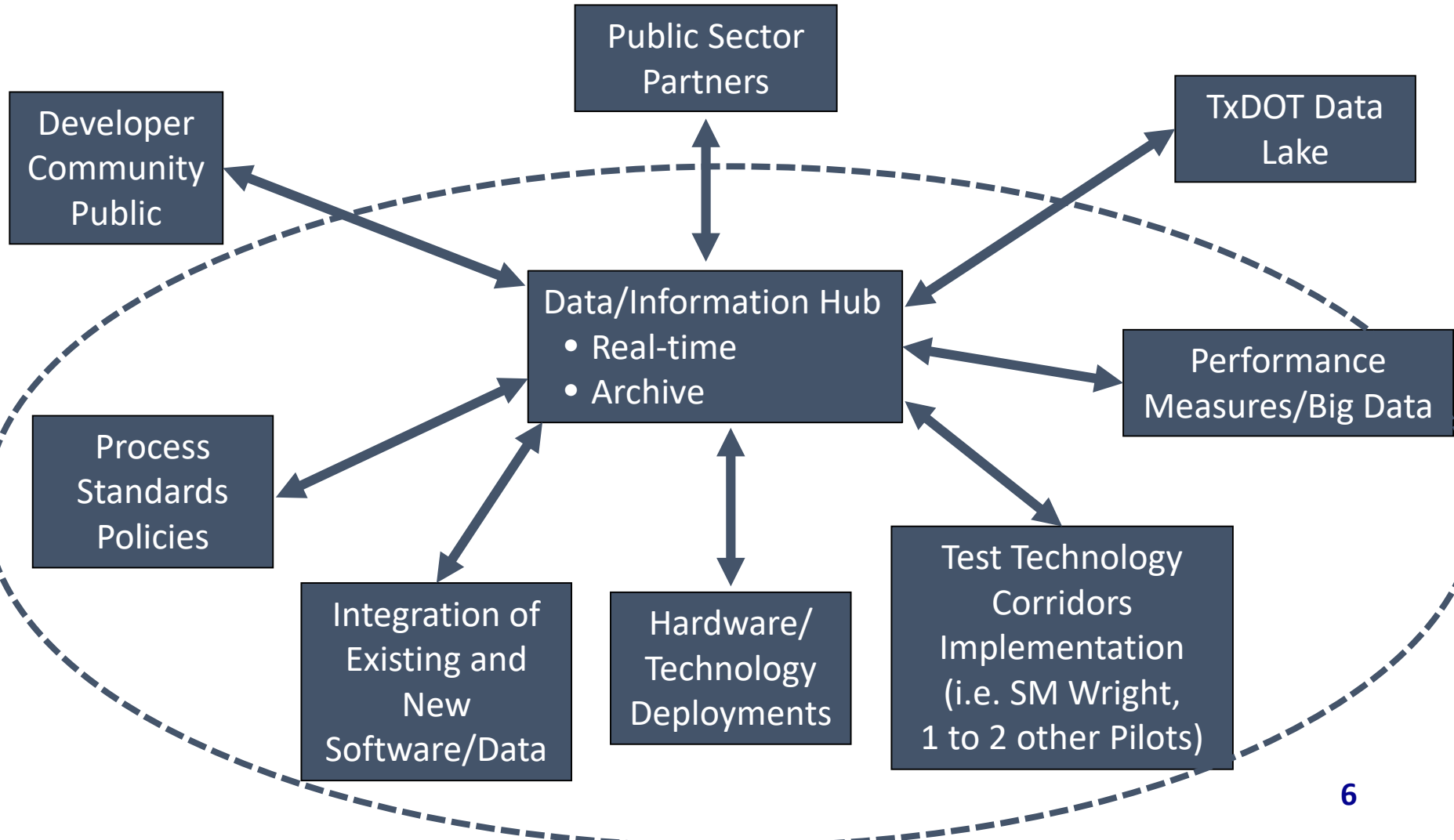
# Next Generation Platform for Regional Multimodal Transportation Management

## Example Project Modes and Data Elements

- **Arterials** (traffic signals, construction, low water crossings, grade crossings, routes, etc.)
- **Freeway/Toll Road/Managed Lanes** (operations, construction, auto occupancy detection, routes, etc.)
- **Transit** (real-time status, signal priority, smart shelters, mobility on demand)
- **Bike/Pedestrian** (detection, cycle tracks, classification of facility purpose, textured pavements, etc.)
- **Freight** (parking and routes)
- **Vehicle Emissions Monitoring** (OBD)
- **Connected/Autonomous Vehicles** (DSRC, C-V2X)

# Next Generation Platform for Regional Multimodal Transportation Management

## Project Overview





# Next Generation Platform for Regional Multimodal Transportation Management

## Project Budget

Funding Source	Funding Amount
Grant Application Request	\$10 Million
CMAQ/STBGP	\$20 Million
Local Initiative Projects (LIP) Funding from Clean Air Account No. 151	\$20 Million
Total	\$50 Million

# Other Items

## **Receive Letters of Support for RTC Project**

- Need by Wednesday, June 13, 2018

## **Request for Private-Sector and Research Partners**

- Release on Friday, June 1, 2018
- Due by Thursday, June 14, 2018

## **Request Letters of Support for Non-RTC Project**

- Need to Receive Request by Friday, June 8, 2018
- Please send Request to Rebekah Hernandez at  
**[RHernandez@nctcog.org](mailto:RHernandez@nctcog.org)**

# Action Requesting

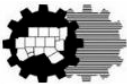
Recommendation for Regional Transportation Council (RTC) approval

- Regional application for the 2018 Advanced Transportation and Congestion Management Technologies Deployment Initiative Grant Program
- Letters of Support for non-RTC projects

# 2017-2018 CMAQ/STBG\* FUNDING: STRATEGIC PARTNERSHIPS (ROUND 2)

Surface Transportation Technical Committee  
May 25, 2018

\* Congestion Mitigation and Air Quality Improvement Program/  
Surface Transportation Block Grant



North Central Texas  
Council of Governments  
Transportation Department

# CMAQ/STBG FUNDING PROGRAMS

## STATUS

## PROGRAM

- Federal/Local Funding Exchanges
- Automated Vehicle Program (May bring back a Round 2 effort)
- Strategic Partnerships**
  - Round 1
  - Round 2**
  - Round 3/Intersection Improvements
- Planning and Other Studies
- 10-Year Plan/Proposition 1 Adjustments**
- Sustainable Development Phase 4: Turnback Program, Context Sensitive, Transit Oriented Development (TOD) Projects
- Transit Program
- Assessment Policy Programs/Projects
- Local Bond Program Partnerships
- Safety, Innovative Construction, and Emergency Projects
- Management and Operations (M&O), NCTCOG-Implemented, and Regional/Air Quality Programs

= Project Selection Completed

= Program Partially Completed

= Pending STTC/RTC Approval

# STRATEGIC PARTNERSHIPS (ROUND 2)

- Purpose
  - Coordinate and develop partnerships with local agencies and the Texas Department of Transportation (TxDOT) to help fund high-priority projects, leverage non-RTC funds, and advance project development
- Selection criteria to be considered:
  - Local partners are contributing more than the standard 20% match (overmatching the federal funds or paying for design, right-of-way, etc.)
  - Project has multiple non-RTC stakeholders/contributors
  - Project is of strategic importance within/to the region

# PROPOSED FUNDING BY AGENCY (\$ IN MILLIONS)

**DRAFT**

PROJECT	PARTNERS	PROPOSED RTC FUNDING	PROPOSED NON-RTC FUNDING
East Bear Creek Road	TxDOT Dallas, City of Glenn Heights, Dallas County	\$15.46	\$10.14
Merritt/Sachse Road	City of Sachse, Collin County, Dallas County	\$10.00*	\$5.00*
SH 66 at Dalrock Road	City of Rowlett	\$2.15	\$2.77
IH 635/LBJ at Belt Line Road	City of Coppell, City of Dallas, City of Irving, TxDOT Dallas	\$2.90	\$3.10
Meandering Road	City of Fort Worth	\$15.00*	Transportation Development Credits (TDC)
Veterans Administration (VA) Hospital Ramp Relocations	TxDOT Fort Worth	\$1.12	\$0.28
SH 121 (DFW Connector) U-Turn Lane	TxDOT Fort Worth	\$3.20	\$0.80
	<b>TOTAL</b>	<b>\$49.83</b>	<b>\$22.09</b>

\* Accounts for new funding on project only; Existing funding has already been approved in the Transportation Improvement Program (TIP) for early project phases

# TIMELINE

MEETING/TASK	DATE
STTC Information	April 27, 2018
RTC Information	May 10, 2018
Public Meetings	May 2018
<b>STTC Action</b>	<b>May 25, 2018</b>
RTC Action	June 14, 2018



# REQUESTED ACTION

- Recommend RTC approval of:
  - The proposed list of projects to fund through the 2017-2018 CMAQ/STBG: Strategic Partnerships (Round 2) Program
  - Administratively amending the 2019-2022 Transportation Improvement Program (TIP)/Statewide Transportation Improvement Program (STIP) and other planning/administrative documents to incorporate these changes.

# QUESTIONS?

**Christie J. Gotti**

Senior Program Manager

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**Brian Dell**

Transportation Planner III

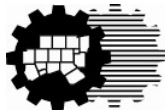
817-704-5694

[bdell@nctcog.org](mailto:bdell@nctcog.org)

# **Clean Fleets North Texas 2018 Call For Projects Funding Recommendations**

**Surface Transportation Technical Committee  
May 25, 2018**

**Amy Hodges  
Air Quality Planner**



**North Central Texas  
Council of Governments**

# Available Funding

**Sources: EPA National Clean Diesel Funding Assistance Program  
TCEQ Supplemental Environmental Project Funds**

<b>Funding Category</b>	<b>Amount</b>
<b>EPA Funds for Vehicle/Equipment Replacements*</b>	<b>\$2,000,033</b>
<b>TCEQ SEP Funds for School Bus Replacements**</b>	<b>\$47,861</b>
<b>Call For Projects Funds Available</b>	<b>\$2,047,894</b>

*\*Environmental Protection Agency (EPA) Award Included \$90,709 for Staff Administration. Denton County Transportation Authority has Declined Award Approved by Regional Transportation Council (RTC) in November 2017.*

*\*\*Additional funds from the Texas Commission on Environmental Quality (TCEQ) Supplemental Environmental Project (SEP) will be Added to This Funding Initiative as They are Received.*

# Project Eligibility

## Eligible Entities:

Local Governments

Private Companies Who Contract with Local Governments

Must Adopt RTC Clean Fleet Policy or Similar

Eligible Activities	Funding Threshold
<u>Replace On-Road Diesel Trucks*</u> 16,000 GVWR and Up; Model Year 1995-2006; (Also Model Year 2007-2009 if Replacing with Electric)	45% Cost if New is Electric  35% Cost if New is Powered by Engine Certified to CARB Optional Low-NO <sub>x</sub> Standards (Both Natural Gas and Propane Engines Currently Available)
<u>Replace Non-Road Diesel Equipment*</u> Must Operate >500 Hours/Year; Eligible Model Years Vary	25% Cost for All Others

*\*All Old Vehicles/Equipment Must be Scrapped*

*CARB = California Air Resources Board*

*GVWR = Gross Vehicle Weight Rating*

# CFP Schedule

<b>Milestone</b>	<b>Estimated Timeframe</b>
<b>STTC Approval to Open CFP</b>	<b>October 27, 2017</b>
<b>RTC Approval to Open CFP</b>	<b>November 9, 2017</b>
<b>CFP Opened</b>	<b>March 2018</b>
<b>Interim Application Deadlines (for Competitive Evaluation)</b>	<b>5 pm on Last Friday of Every Month Beginning April 27, 2018, Until End of CFP</b>
<b>STTC, RTC, and Executive Board Approval of Recommended Subawards</b>	<b>Monthly from May 2018 Until End of CFP</b>
<b>CFP Closes</b>	<b>January 2019 or When Funds Exhausted, Whichever Comes First</b>
<b>Project Implementation Deadline</b>	<b>December 2019</b>

# Summary of Applications

Refer to Electronic Item 6.2 for More Information

	Requested	Eligible	Recommended
<b>Number of Applicants</b>	<b>5</b>	<b>5</b>	<b>5</b>
<b>Number of Activities</b>	<b>21</b>	<b>21</b>	<b>21</b>
<b>Funding Requested</b>	<b>\$1,133,123</b>	<b>\$1,133,123</b>	<b>\$1,133,123</b>
Public Sector	\$1,133,123	\$1,133,123	\$1,133,123
Private Sector	\$0	\$0	\$0
<b>Call For Projects Funds Available</b>			<b>\$2,047,894</b>
<b>Balance Remaining for Next Deadline</b>			<b>\$914,771</b>

# Next Steps

## **Accept Applications**

**Next Deadline: Today, May 25, 5 pm**

**Pending Availability of Funds, Following  
Deadline Will be June 29**

**Evaluate and Recommend Funding to Exhaust  
Available Dollars**

**Submit Remaining Projects to EPA to Request  
Additional Funding**



# Action Requested

**Recommend RTC Approval of Staff Funding Recommendations, Including:**

**Project Recommendations Detailed in Electronic Item 6.2**

**Award of any Additional TCEQ SEP Funds Received to Recommended School Bus Projects**

# Contact Information

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Air Quality Planner

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817-704-2508

**Lori Clark**

Program Manager

[lclark@nctcog.org](mailto:lclark@nctcog.org)

817-695-9232

**Website**

[www.nctcog.org/aqfunding](http://www.nctcog.org/aqfunding)

# Proposed Awards

511DFW/Waze Data Sharing

Traffic Signal Data Sharing

**Clint Hail**

**Transportation Planner**

**Automated Vehicles Program**

**Surface Transportation Technical Committee**

**May 25, 2018**



North Central Texas  
Council of Governments

# Round 2: Recap and Lessons Learned

## High Participation

- 10 applicants
- 15 applications

## Lessons Learned

- Integrating 911 call centers and dispatches
- Tools for analyzing and visualizing data streams
- Traffic signal, road closure, and incident data is important to AV developers

# Grant Program Overview

## Eligibility Requirements

- Jurisdiction over highways/streets or transit system
- Willing to share highway and traffic or transit conditions data

## Evaluation Criteria

- Amount requested [10%]
- Quality of proposed technical solution [60%]
- Ability to implement proposed solution in a timely fashion [30%]

# 511DFW/Waze Data Sharing Grant: Proposed Awardees

Applicant	Amount Requested	Proposed Award
Frisco	\$25,000	\$25,000
Plano	\$25,000	\$25,000
Lewisville	\$25,000	\$20,000
Denton	\$5,000	\$5,000
Arlington	\$25,000	\$20,000
McKinney	\$25,000	\$13,000
Cedar Hill	\$20,000	\$20,000

# Traffic Signal Data Sharing Grant: Proposed Awardees

Applicant	Amount Requested	Proposed Award
Frisco	\$25,000	\$22,000
Plano	\$25,000	\$22,000
Lewisville	\$25,000	\$21,000
Allen	\$25,000	\$20,000
Arlington	\$25,000	\$20,000
McKinney	\$25,000	\$20,000

# Schedule

## 511DFW/Waze & Traffic Signal Data Sharing Programs

Announcement	3/23/18
Application Deadline	5/4/18
<b>STTC Approval—Grants</b>	<b>5/25/18</b>
RTC Approval—Grants	6/14/18
Executive Board Approval—Grants	6/28/18
Execute Agreements	July 2018
Project Implementation	August 1 – Oct 31, 2018



# Action Requested

Recommend RTC approval of proposed awards for the 511DFW/Waze and Traffic Signal Data Sharing Programs.

# Survey: Data sharing coverage

[www.surveymonkey.com/r/DFW Data Sharing Coverage](http://www.surveymonkey.com/r/DFW_Data_Sharing_Coverage)

# Contact Information

Clint Hail

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(817) 704-5633



# BUILD Grants

Better Utilizing Investments to Leverage Development Transportation Discretionary Grants Program

Source: USDOT BUILD Discretionary Grants - <https://www.transportation.gov/BUILDgrants>

May 25, 2018

Surface Transportation Technical Committee (STTC)  
Information Item – Program Overview and Notice of Funding Availability

# BUILD Discretionary Grant Program

## Program Overview

2

- **BUILD** – **B**etter **U**tilizing **I**nterests to **L**everage **D**evelopment
- Replaces the pre-existing TIGER Discretionary Grant Program
- **\$1.5 Billion** available (Consolidated Appropriations Act of 2018):
  - ▣ Maximum Grant Award = **\$25 Million**
  - ▣ Minimum Grant Award = **\$5 Million** (Urban); **\$1 Million** (Rural)
  - ▣ No more than **\$150 Million** may be awarded to a single State
  - ▣ At least 30% (\$450 Million) to be designated for projects in rural areas
- Project Eligibility:
  - ▣ Highway, bridge, or other road projects (Title 23, US Code)
  - ▣ Public transportation projects (Ch. 53 of Title 49, US Code)
  - ▣ Passenger and freight rail transportation projects
  - ▣ Port infrastructure investments (including inland port/land ports of entry)
  - ▣ Intermodal projects

# BUILD Discretionary Grant Program *(cont.)*

## Submittal, Selection, and Funding Details/Deadlines

3

- **Application Submittal Deadline – July 19, 2018 @ 7:00pm CDT**
- Eligible Applicants:
  - State, U.S. territory, local, or tribal governments
  - Government subdivisions including transit agencies, port authorities, and metropolitan planning organizations (MPOs)
- No more than 3 applications may be submitted by each applicant
- USDOT project awards to be announced by December 18, 2018
- **Obligation Deadline – September 30, 2020**
  - Signed/executed agreement between USDOT and Grant Recipient
  - Execution formally obligates BUILD Grant funding for the awarded project
  - Completed environmental clearance, design, and ROW acquisition required
- **Expenditure Deadline – September 30, 2025**

# BUILD Discretionary Grant Program (cont.)

## Funding Shares

4

- Maximum cost share for BUILD Grants up to 80% in urban areas and up to 100% in rural areas
- Total Federal funds may not exceed 80% of project cost (urban)
- Non-Federal cost sharing:
  - ▣ State, local, or private-sector funding
  - ▣ Other funds may include right-of-way contributions, toll credits, or recycled revenue from competitive sales/leases of publicly-owned/operated assets
- Consideration of ability to generate new non-Federal revenue:
  - ▣ Asset recycling, tolls, tax-increment financing, or sales/gas-tax increases
  - ▣ New actions applicable after January 1, 2015 (max. time period = 10 years)
  - ▣ If revenue generated through a “program of projects”, applicants may exceed 3-application limit (each project subject to maximum grant award)

# BUILD Discretionary Grant Program (cont.)

## Merit Criteria Evaluation

5

- Safety
- State of Good Repair
- Economic Competitiveness
- Environmental Protection
- Quality of Life
- Innovation (Technology Applications/Project Delivery Methods)
- Partnership
- Non-Federal Revenue for Transportation Investment
- Project Readiness
- Benefit-Cost Analysis





# BUILD Discretionary Grant Program *(cont.)*

## Regional Project Selection Methodology

6

- Select projects in both the East and West Sub-Regions
- Identify partnership opportunities with TxDOT, other transportation providers, and/or local governments
- Review recent discretionary grant project submittals (TIGER, FASTLANE, INFRA, etc.) for possible BUILD Grant compatibility
- Analyze locations with potential to maximize non-Federal revenue leverage
- Determine significant economic development opportunities with needed transportation catalysts



# BUILD Discretionary Grant Program (cont.)

## Timeline

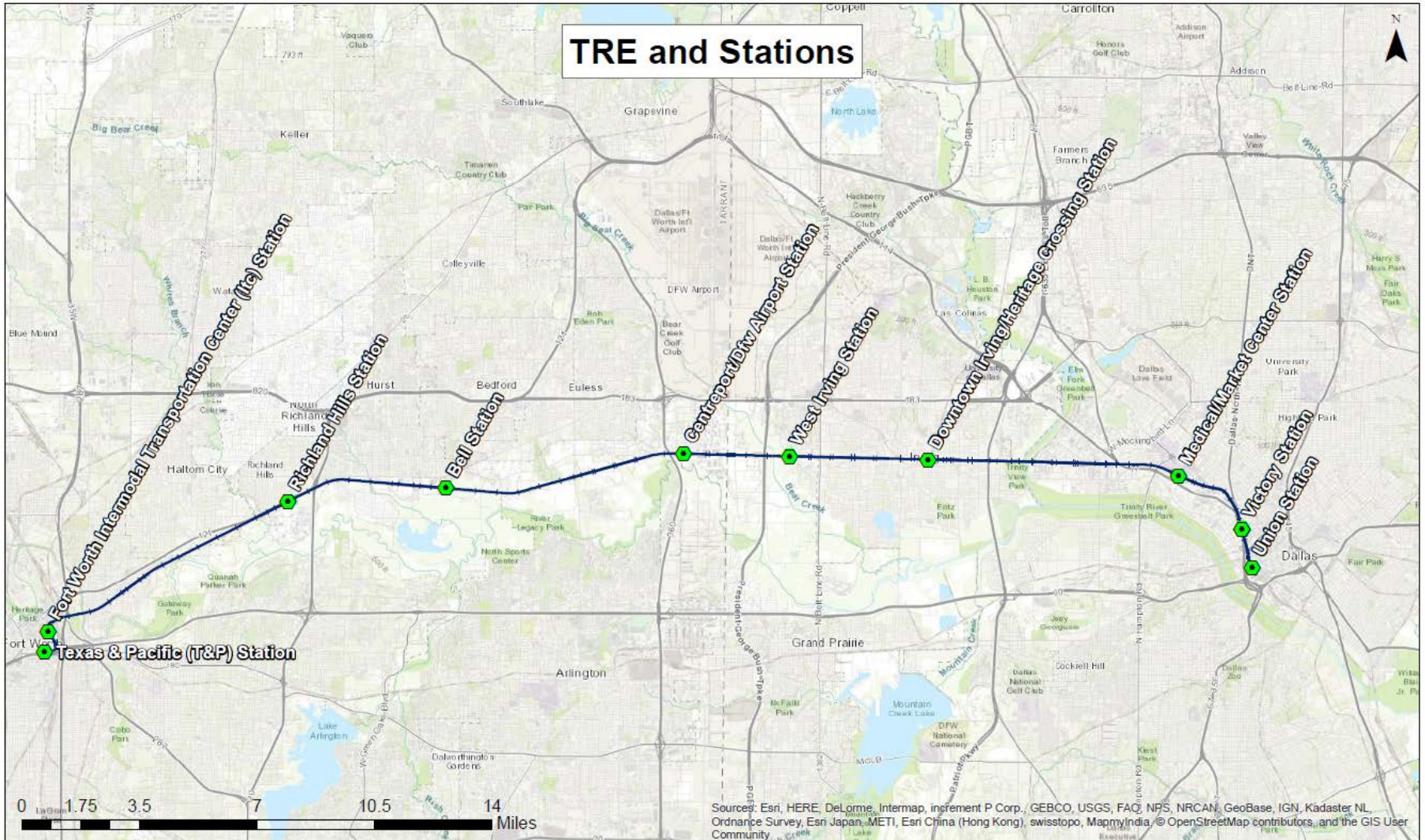
7

<b>April 20, 2018</b>	BUILD Grant Notice of Opportunity Announced
<b>May 10, 2018</b>	RTC – Director’s Report
<b>May 25, 2018</b>	STTC Information (Identity of Candidate Projects)
<b>June 14, 2018</b>	RTC Information (Identity of Candidate Projects)
<b>June 22, 2018</b>	STTC Action
<b>June 28, 2018</b>	Executive Board Approval
<b>June 29, 2018</b>	Request Deadline for Letters of Support ( <b>send to Rebekah Hernandez</b> – <a href="mailto:rhernandez@nctcog.org">rhernandez@nctcog.org</a> )
<b>July 12, 2018</b>	RTC Action
<b>July 19, 2018</b>	BUILD Application Deadline ( <a href="http://www.grants.gov">www.grants.gov</a> )

# BUILD – Proposed Candidate Projects

## TRE Double-Tracking/Multimodal Connectivity Program

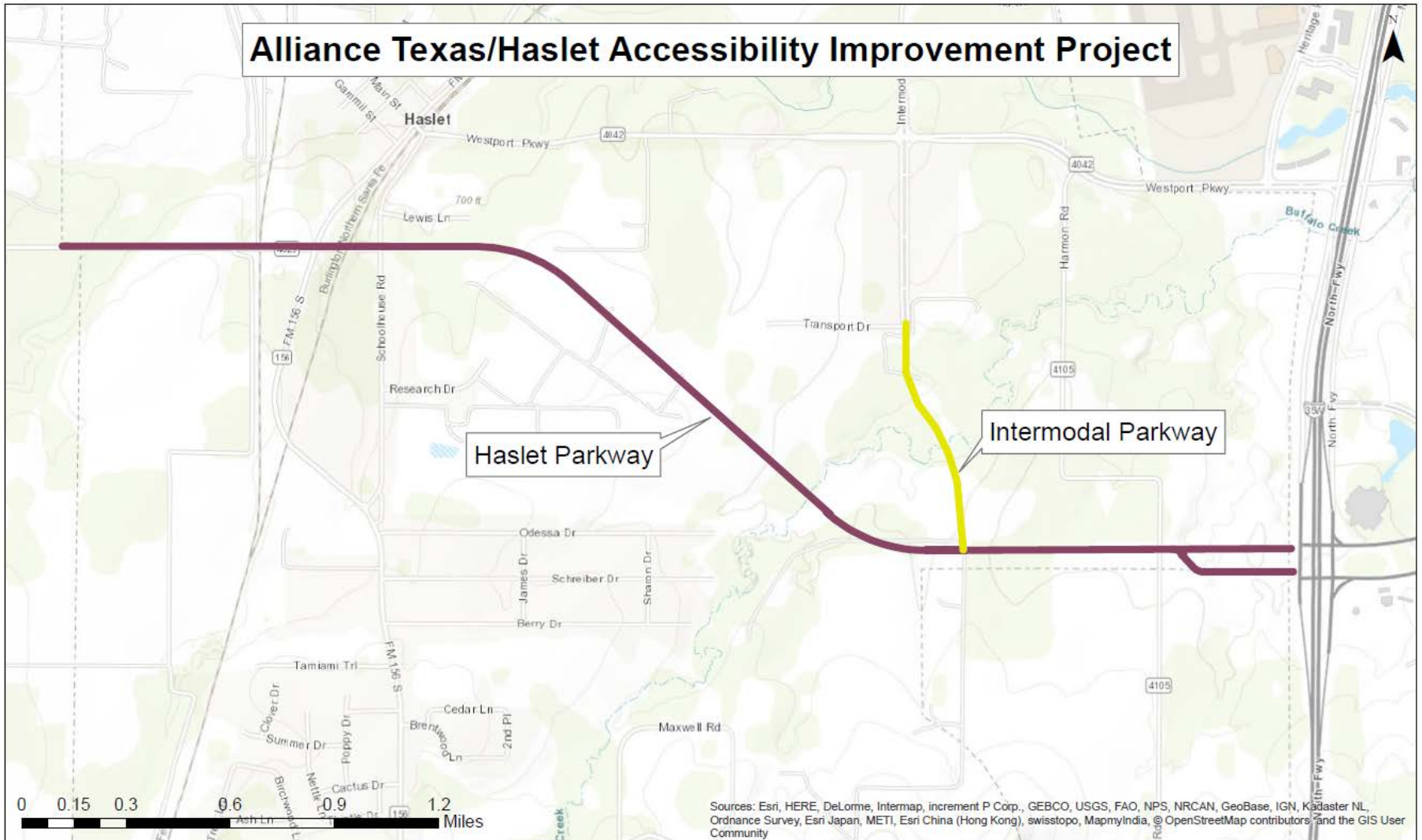
8



# BUILD – Proposed Candidate Projects (cont.)

## Alliance Texas/Haslet Accessibility Improvement Project

9





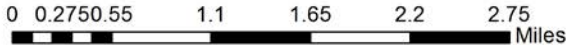
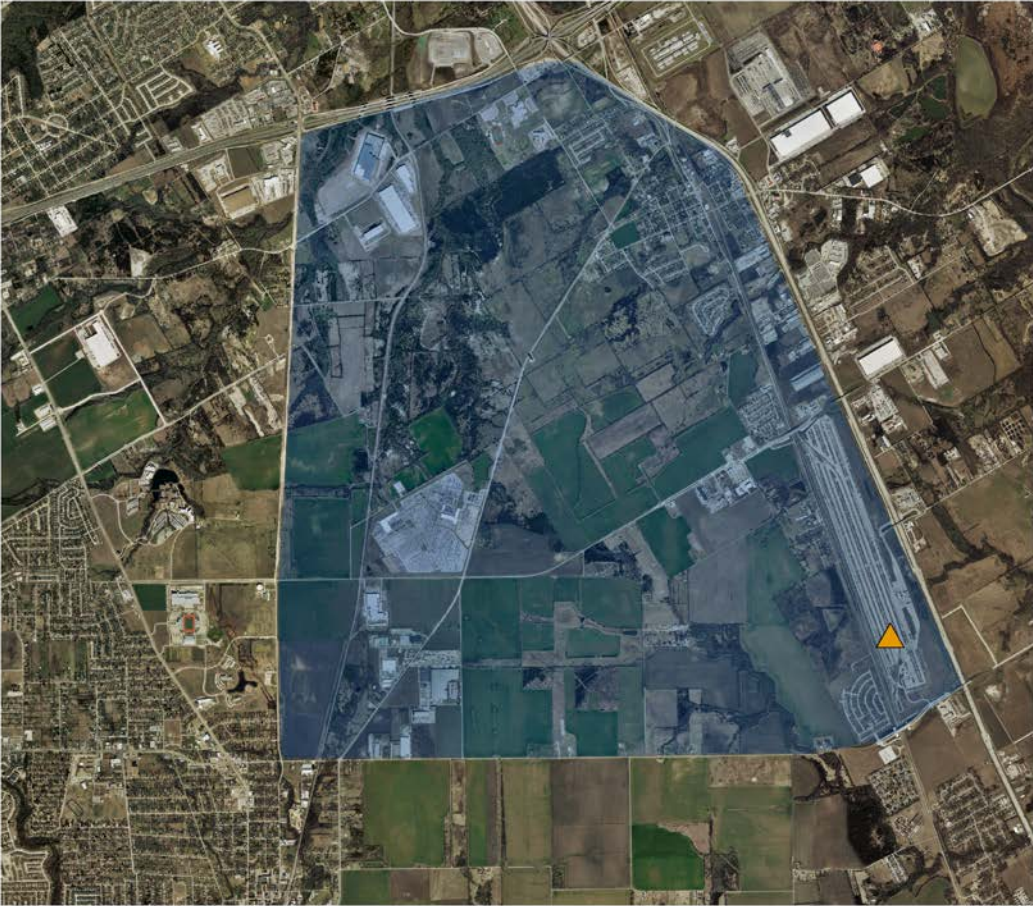
# BUILD – Proposed Candidate Projects (cont.)

## South Dallas County Inland Port – Capacity Enhancement

### Potential BUILD Grant Project Area

**Legend**

-  UPRR Intermodal Facility
-  South Dallas Project Area



# Contact Information:

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Principal Transportation Planner  
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May 25, 2018

Surface Transportation Technical Committee (STTC)  
Information Item – Program Overview and Notice of Funding Availability

# **AIR QUALITY UPDATE**

**Surface Transportation Technical Committee**

**May 25, 2018**

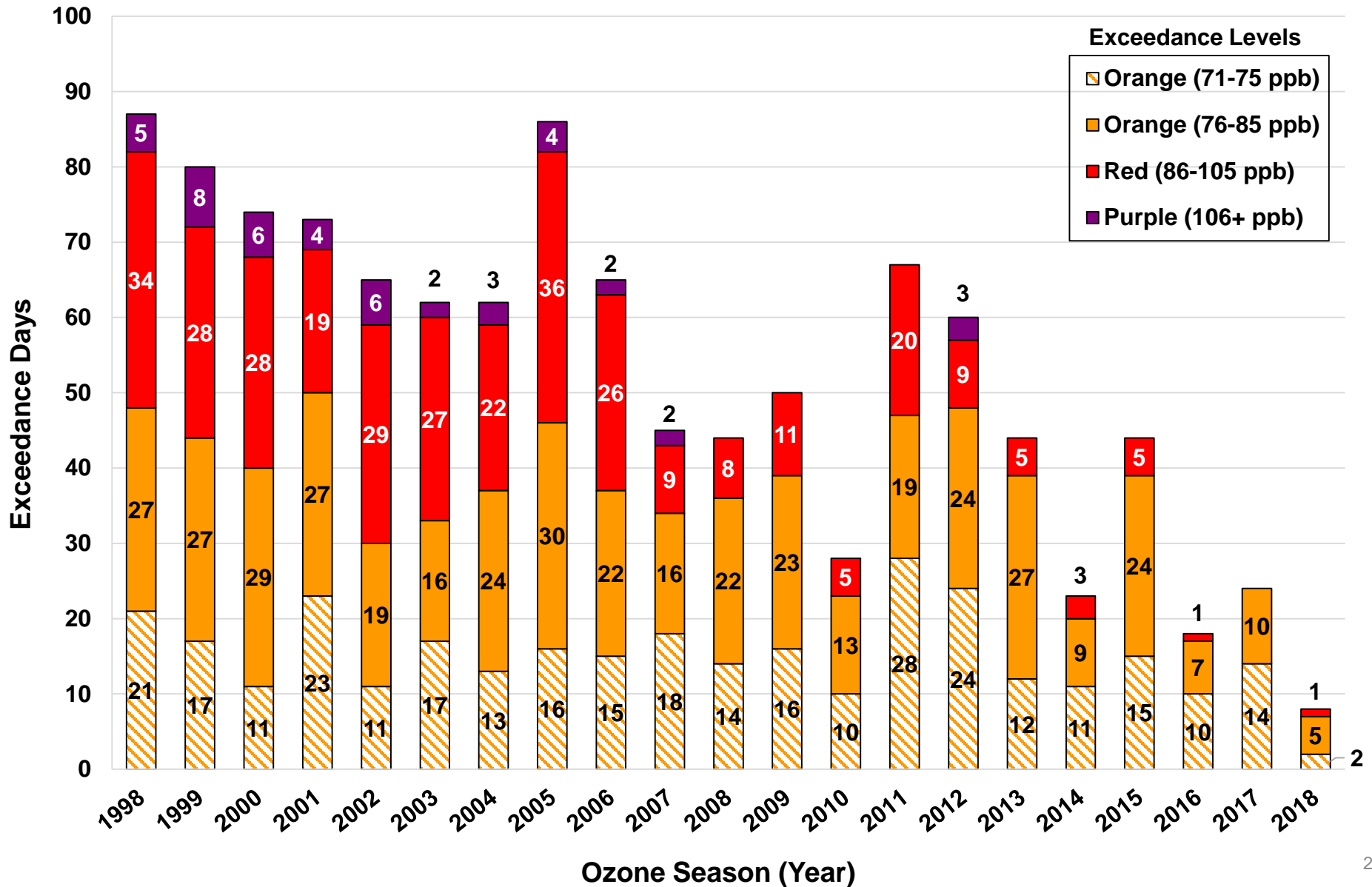
**Jenny Narvaez  
Principal Air Quality Planner**



North Central Texas  
Council of Governments

# 8-HOUR OZONE NAAQS HISTORICAL TRENDS

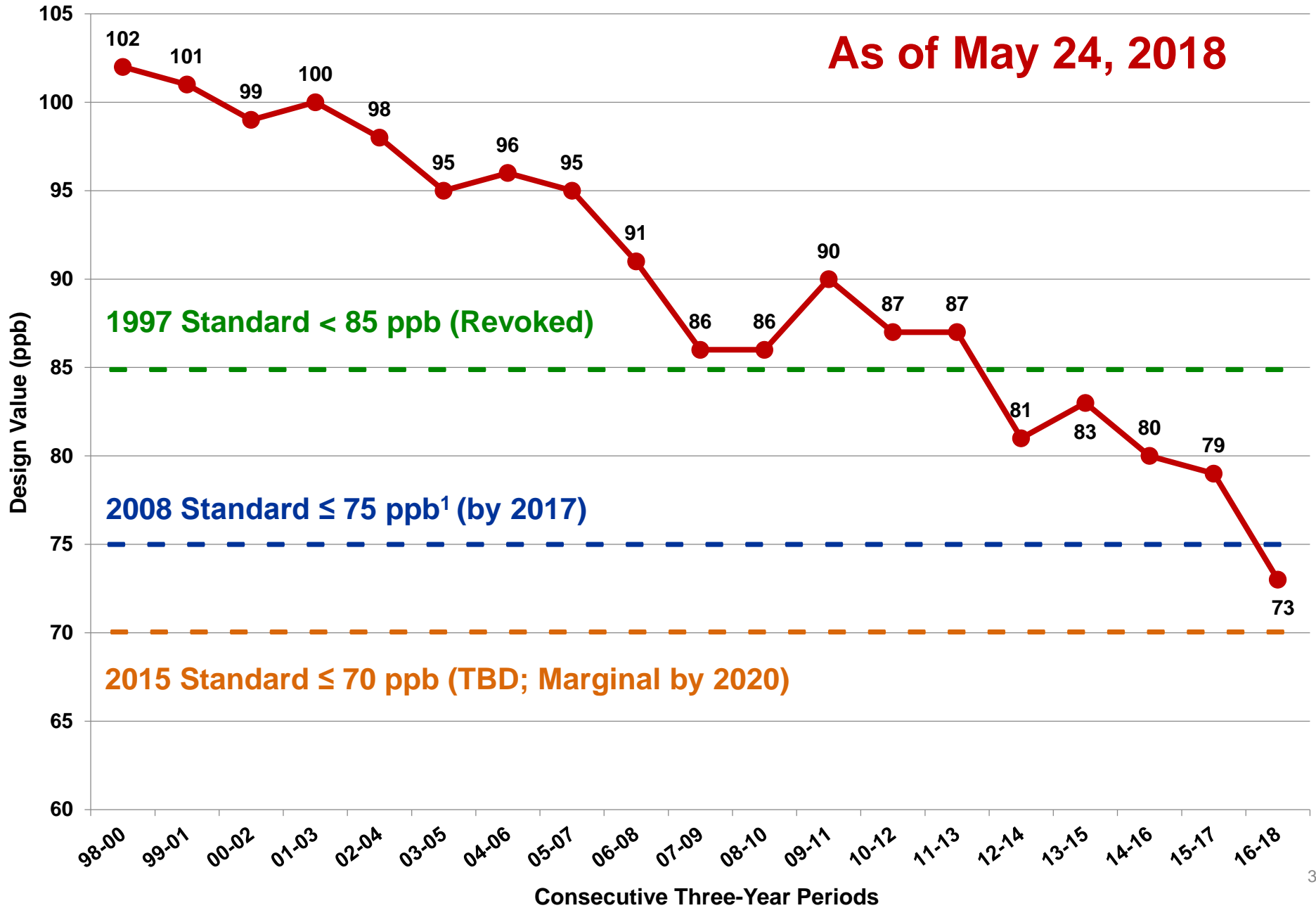
Based on  $\leq 70$  ppb (As of May 24, 2018)





# 8-HOUR OZONE NAAQS HISTORICAL TRENDS

As of May 24, 2018



# AIR QUALITY HANDBOOK

North Central Texas Council of Governments

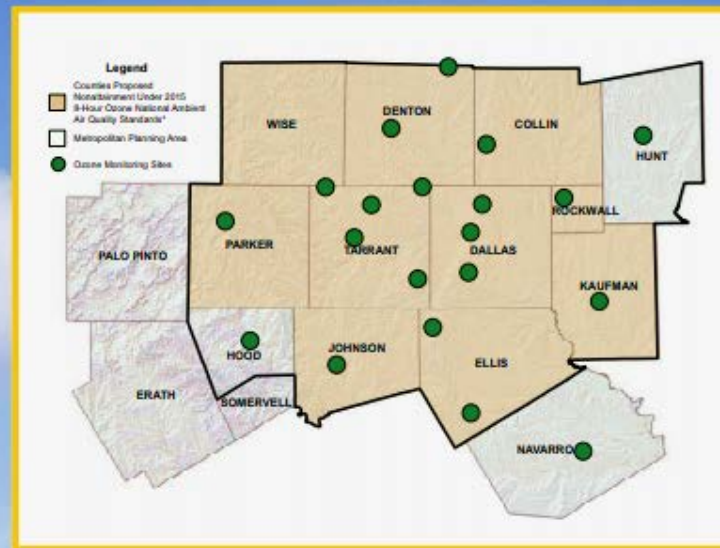
## Air Quality

### Handbook

Spring 2018

This Air Quality Handbook presents the current status of regional air quality and a summary of the work undertaken by the North Central Texas Council of Governments as the metropolitan planning organization and its partners to reduce air pollution and help the region meet federal air quality standards.

#### Exhibit 1: North Central Texas Nonattainment\* Area and Ozone Monitoring Sites



# 8-HOUR OZONE NAAQS

## 1997 8-Hour Ozone NAAQS (85 ppb)

November 8, 2016

EPA issued Finding of Attainment for 9-County Region

## 2008 8-Hour Ozone NAAQS (75 ppb)

March 6, 2015

EPA Designated DFW 10-County Region as Moderate Nonattainment (Attainment Deadline: July 20, 2018)

## 2015 8-Hour Ozone NAAQS (70 ppb)

April 30, 2018

EPA signed Final Rule Classifying 9 Counties as Marginal Nonattainment (Collin, Dallas, Denton, Ellis, Johnson, Kaufman, Parker, Tarrant, and Wise)

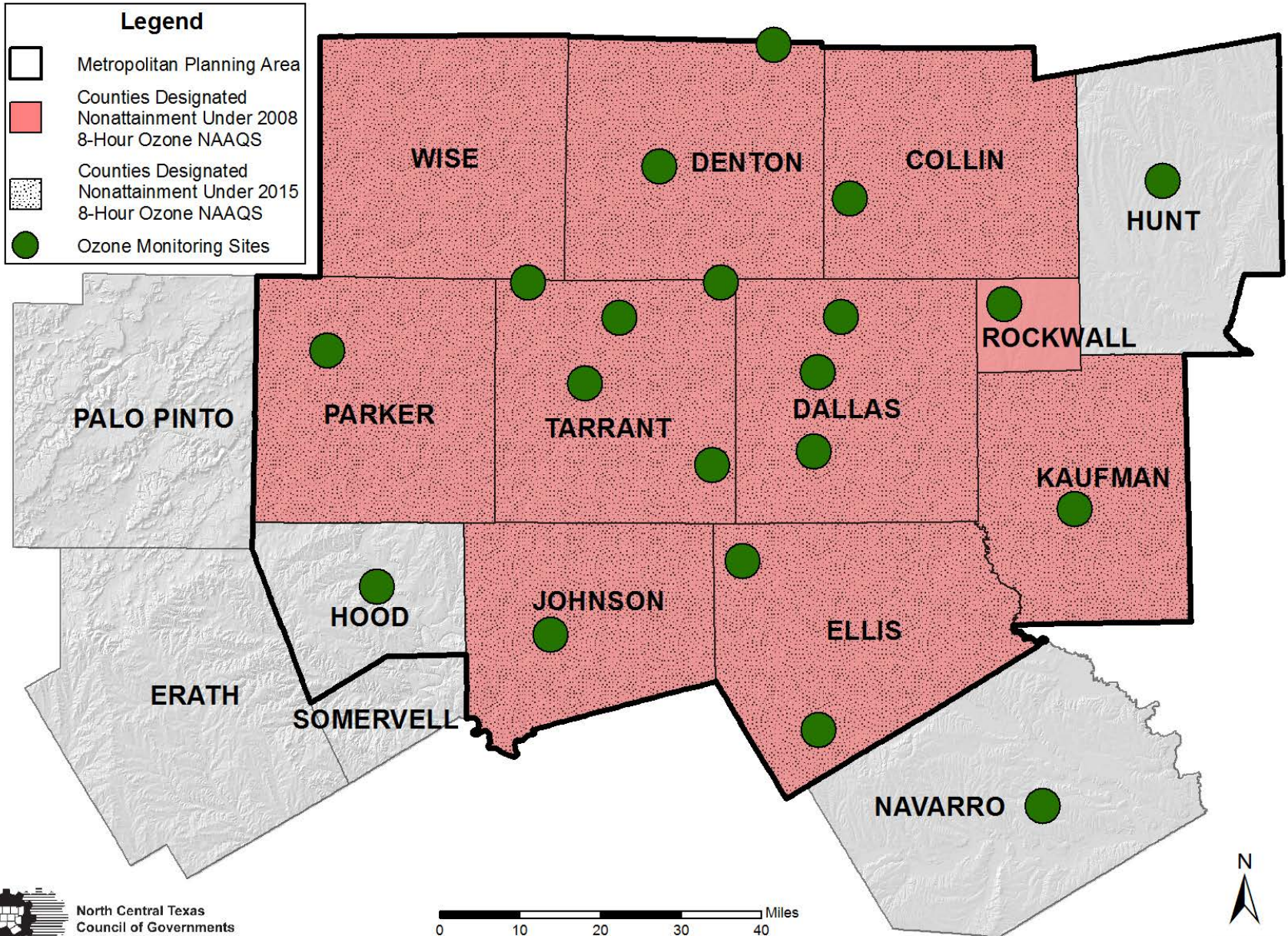
TBD

Classification Effective Date (Attainment Deadline: Summer 2021)

TBD

Implementation Rule (Revoke Previous Standards?)

# 2015 8-HOUR OZONE NAAQS DESIGNATIONS



# **D.C. CIRCUIT: SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT V. EPA**

**February 16, 2018**

**D.C. Circuit partially vacated aspects of EPA's 2008  
Ozone Standards Implementation Rule**

**Court unanimously ruled EPA unlawfully waived  
statutory attainment deadlines associated with 1997  
ozone NAAQS**

**April 23, 2018**

**EPA seeks rehearing for:**

**The Court's interpretation of anti-backsliding  
requirements when EPA replaces an existing ozone  
NAAQS with a more stringent standard**

**The Court's interpretation of transportation conformity  
requirements after a NAAQS has been revoked in  
maintenance areas**

**The Court's decision on vacating certain 2008 ozone  
SIP Requirements Rule provisions**

# **D.C. CIRCUIT: DOWNWINDERS AT RISK, SIERRA CLUB, TEXAS ENVIRONMENTAL ADVOCACY SERVICES AND AIR ALLIANCE HOUSTON V. EPA**

**April 17, 2018**

**Challenging EPA Resignation Substitute Final Rules:**

**Clean Air Act Redesignation Substitute for the Houston-Galveston Brazoria 1-Hour Ozone Nonattainment Area**

**Clean Air Act Redesignation Substitute for the Houston-Galveston Brazoria 1997 8-Hour Ozone Nonattainment Area**

**Clean Air Act Redesignation Substitute for the Dallas-Fort Worth 1-Hour Ozone and 1997 8-Hour Ozone Nonattainment Areas**

# CONTACTS

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**<http://www.nctcog.org/trans/air/ozone/index.asp>**

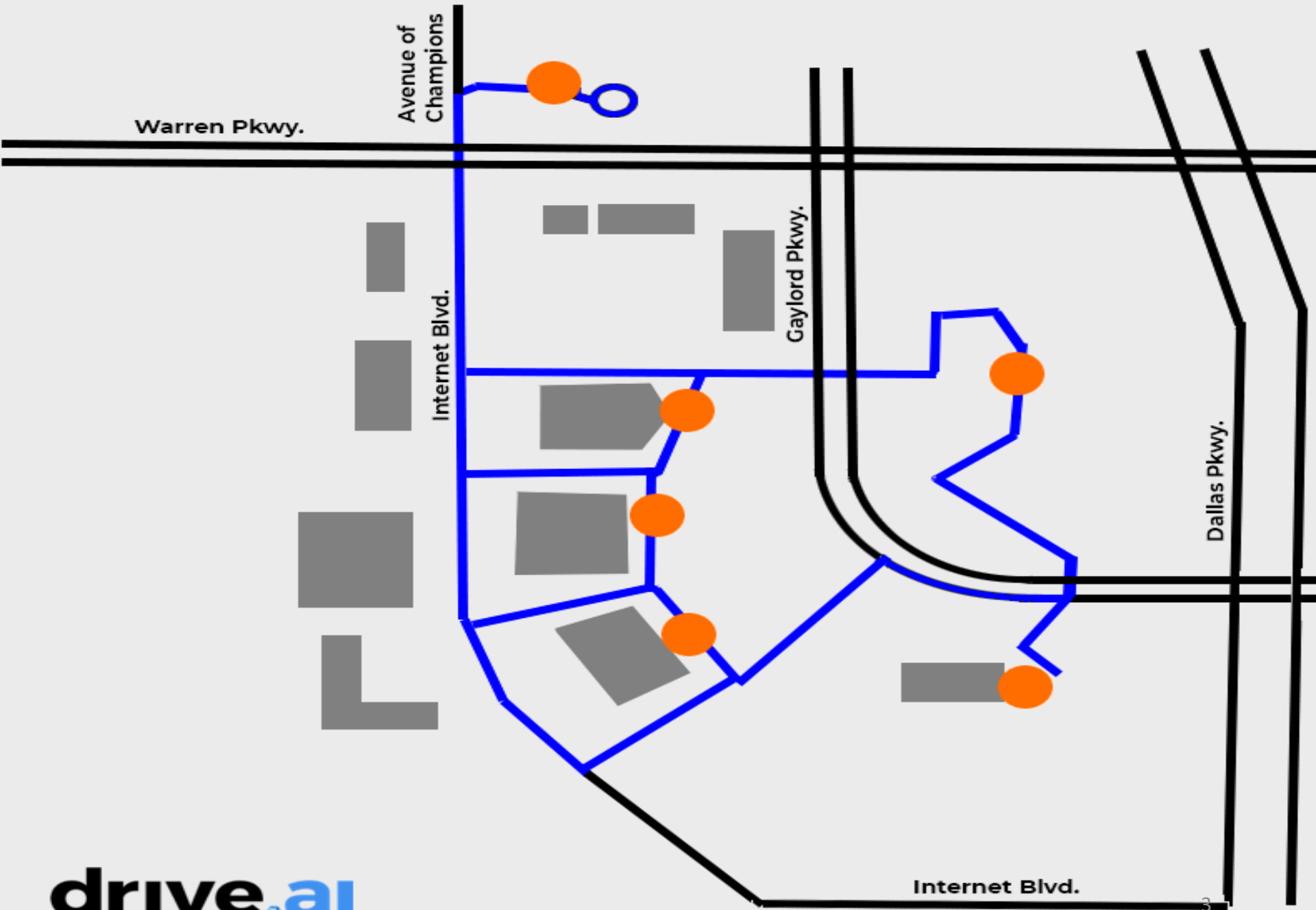
# New Automated Vehicle Deployment in Region



**STTC**  
**May 25, 2018**









Self-Driving Vehicle

drive.ai Self-Driving Vehicle



# Site Selection Criteria

1. Innovation track record
2. Infrastructure condition
3. Departments work together
4. Speed
5. Public/private partnerships



3201

drive.ai Self-Driving Vehicle

**Thomas J. Bamonte, Senior Program Manager**

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469-600-0524

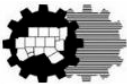
@TomBamonte

# 2019 UTP\* AND UPDATES TO THE REGIONAL 10-YEAR PLAN

Surface Transportation Technical Committee

May 25, 2018

\* Unified Transportation Program



North Central Texas  
Council of Governments  
Transportation Department

# 2019 UTP & 10-YEAR PLAN 2019 UPDATES

## Anticipated Activities

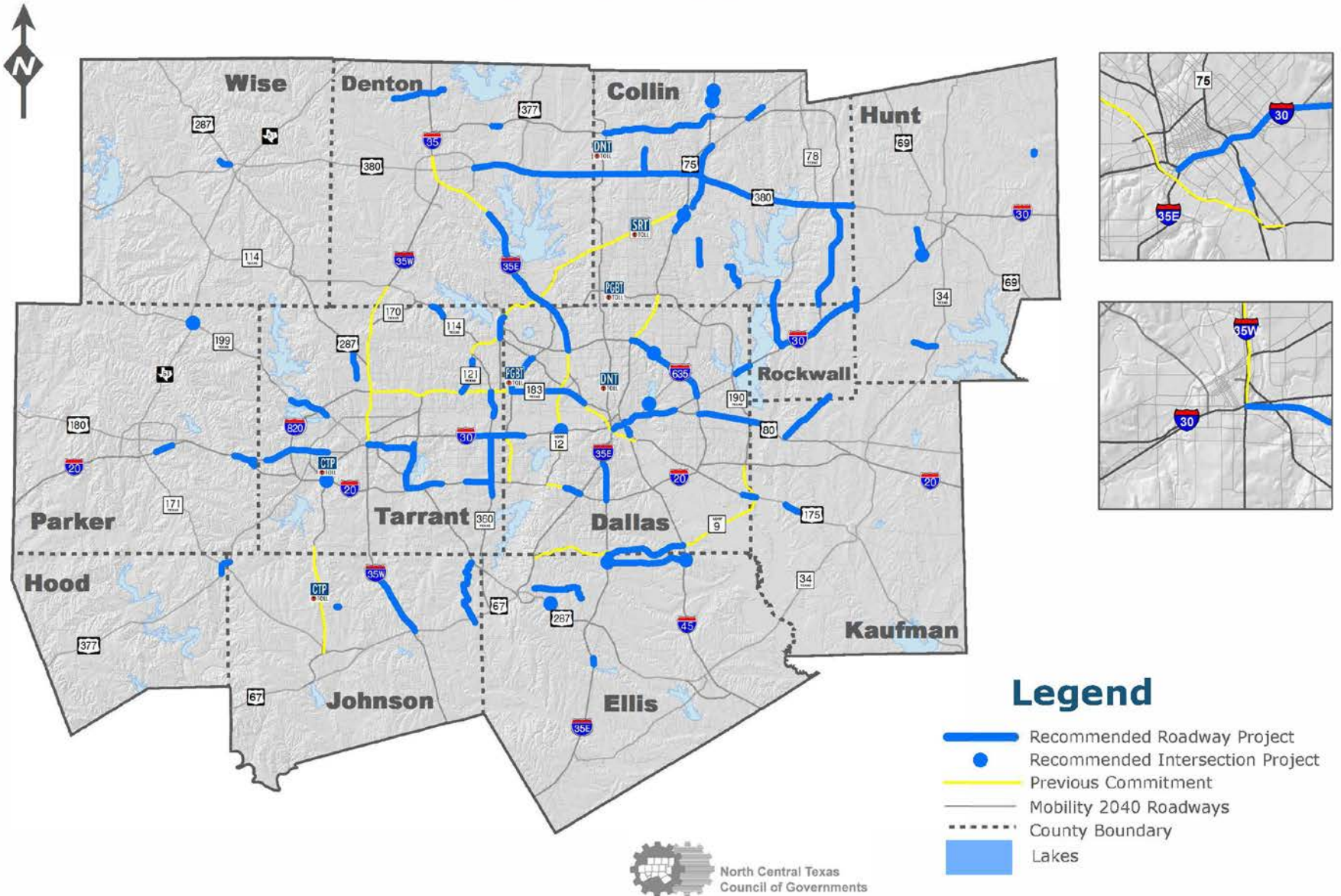
- Review Funding Allocation changes since initial target setting
- Make Year-of-Expenditure/Total Project Cost updates
- Make adjustments due to revised construction costs
- Make adjustments due to changes in funding allocations
- Update with recent Regional Transportation Council (RTC) action on projects such as LBJ East and SH 183
- Review project status and timing



# 10-Year Plan Projects

FY 2017 - FY 2026

As of December 2016 Action



0 2 4 8 Miles

Date: 12/8/2016

# TIMELINE

## Date

## Action

May 25, 2018

STTC for Information

June 14, 2018

RTC for Information

June 22, 2018

STTC for Action

July 2018

Public Meetings

July 12, 2018

RTC for Action

# CONTACT/QUESTIONS?

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