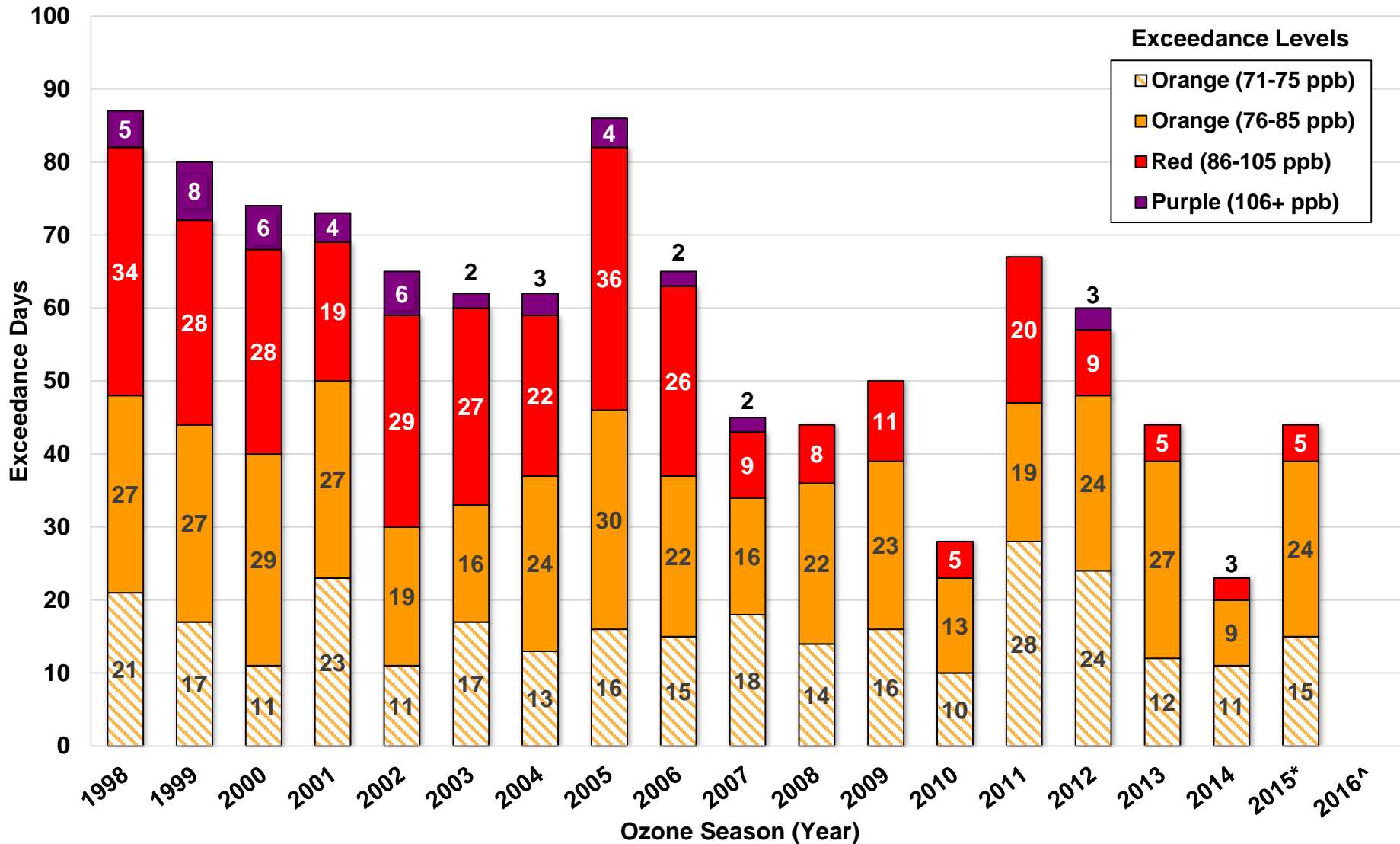






# 2016 OZONE SEASON

## Eight-Hour Ozone Exceedance Days Based on 70 ppb Standard



### Exceedance Levels

-  Orange (71-75 ppb)
-  Orange (76-85 ppb)
-  Red (86-105 ppb)
-  Purple (106+ ppb)


Exceedance Level indicates daily maximum eight-hour average ozone concentration. Exceedance Levels are based on Air Quality Index (AQI) thresholds established by the EPA for the revised ozone standard of 70 ppb.

\* Data not certified by the TCEQ

^Not a full year of data, current as of 5/11/2016

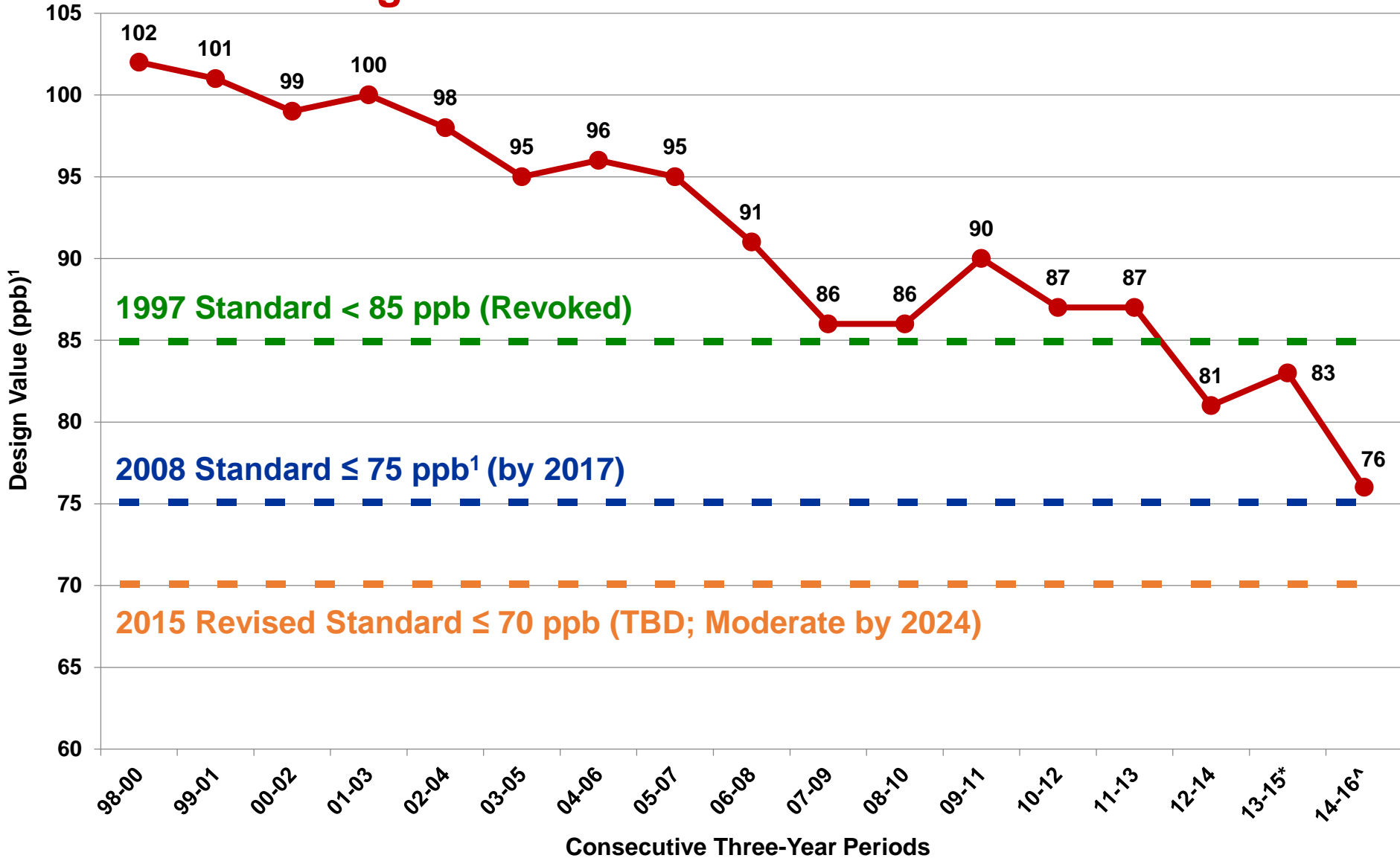
Source: TCEQ, [http://www.tceq.state.tx.us/cgi-bin/compliance/monops/8hr\\_monthly.pl](http://www.tceq.state.tx.us/cgi-bin/compliance/monops/8hr_monthly.pl)

ppb = parts per billion

 = Additional level orange exceedance days under the revised standard that were not exceedances under the previous 75 ppb standard. (AQI level orange = 71-75 ppb)

# 2016 OZONE SEASON

## Eight-Hour Ozone Historical Trends



<sup>1</sup>Attainment Goal - According to the US EPA National Ambient Air Quality Standards, attainment is reached when, at each monitor, the *Design Value* (three-year average of the annual fourth-highest daily maximum eight-hour average ozone concentration) is less than or equal to 70 parts per billion (ppb).

\*Data not certified by the Texas Commission on Environmental Quality

<sup>1</sup>Not a full year of data, current as of 5/11/2016.

# TRANSPORTATION CONTROL MEASURE SUBSTITUTION

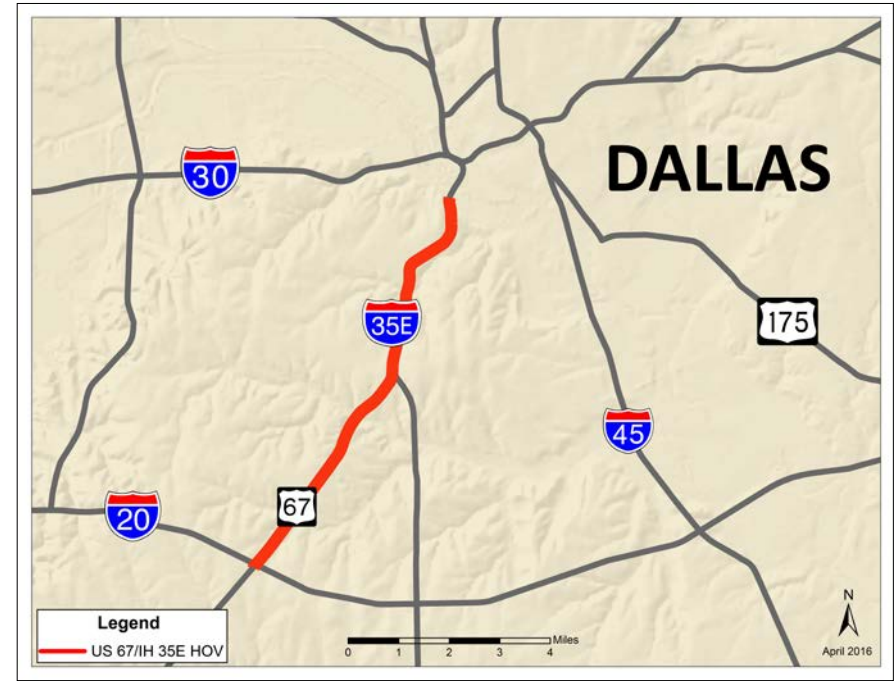
## Regional Transportation Council

Chris Klaus, Senior Program Manager

May 12, 2016



# US 67/IH 35E HOV LANES OVERVIEW



# US 67/IH 35E HOV LANES HISTORY

**HOV lanes operational in 2000**

**Quantifiable emissions benefits**

**Included as Transportation Control Measure (TCM):**

*1-Hour Ozone Attainment Demonstration State Implementation Plan Revision (EPA Approval 11/11/2005)*

*1997 8-Hour Ozone Attainment Demonstration State Implementation Plan Revision (EPA Conditional Approval 1/14/2009)*

**Mobility 2040 identifies replacement of the current HOV lanes with express lanes**

# US 67/IH 35E HOV LANES TCM SUBSTITUTION

**Control measures specified in an implementation plan may be replaced**

**The substitute measures achieve equal or greater emissions reductions than the control measures to be replaced<sup>1</sup>.**

**Substitute measures are from traffic signal prioritization improvements**

**City of Allen (6), City of Fairview (2), and City of Dallas (27)**

Pollutant	Emissions Impact of Removing US67/IH35E HOV	Emissions Impact of Corridor Signalization Project
Oxides of Nitrogen	+0.04 tpd	-0.08 tpd
Volatile Organic Compounds	+0.02 tpd	-0.04 tpd

<sup>1</sup>To complete this TCM substitution, the partner agencies (EPA, TCEQ, and NCTCOG) will have to follow guidance developed by EPA.

# US 67/IH 35E HOV LANES SUBSTITUTION TIMELINE

AGENCY	ACTION	DATE
City of Allen/City of Fairview	Implement traffic signalization coordination by March 2015	Complete
Substitution Working Group (SWG)	Present project(s) to be used as the substitute TCM(s) to the SWG	Complete
NCTCOG	Calculate emissions reductions attributable to selected projects to be used for substitution	Complete
NCTCOG	Request concurrence on Pre-Analysis Plan via email from EPA and TCEQ	Complete
NCTCOG	NCTCOG Public Meetings Begin 30-Day Public Notice and Comment Period	Week of April 11, 2016
STTC	Action	April 22, 2016
NCTCOG	Comment period closes. Review and provide all comments and responses to the SWG	Early May 2016
SWG	Conference call for all SWG to concur on TCM Substitution	Early May 2016
RTC	Adopt a resolution approving TCM substitution	May 12, 2016
NCTCOG	Distribute adopted resolution to the Substitution Working Group	May 13, 2016
TCEQ and EPA	Send concurrence letters to the Substitution Working Group	Late May 2016
TCEQ	Documentation of approved substitution provided to EPA regional office (must occur within 90 days)	By Late August 2016
EPA	Region 6 office to publish a final action notice in the Federal Register	September 2016

# US 67/IH 35E HOV LANES TCM SUBSTITUTION

## Request for Action

**Adopt Resolution R16-03 indicating concurrence on the TCM substitution of the US 67/IH35E HOV lanes with traffic signal prioritization improvements.**



# US 67/IH 35E HOV LANES QUESTIONS?

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# Public Transportation Service and Funding for Collin County

Regional Transportation Council

Sarah Chadderdon, AICP  
May 12, 2016



# Recent Updates: Timeline

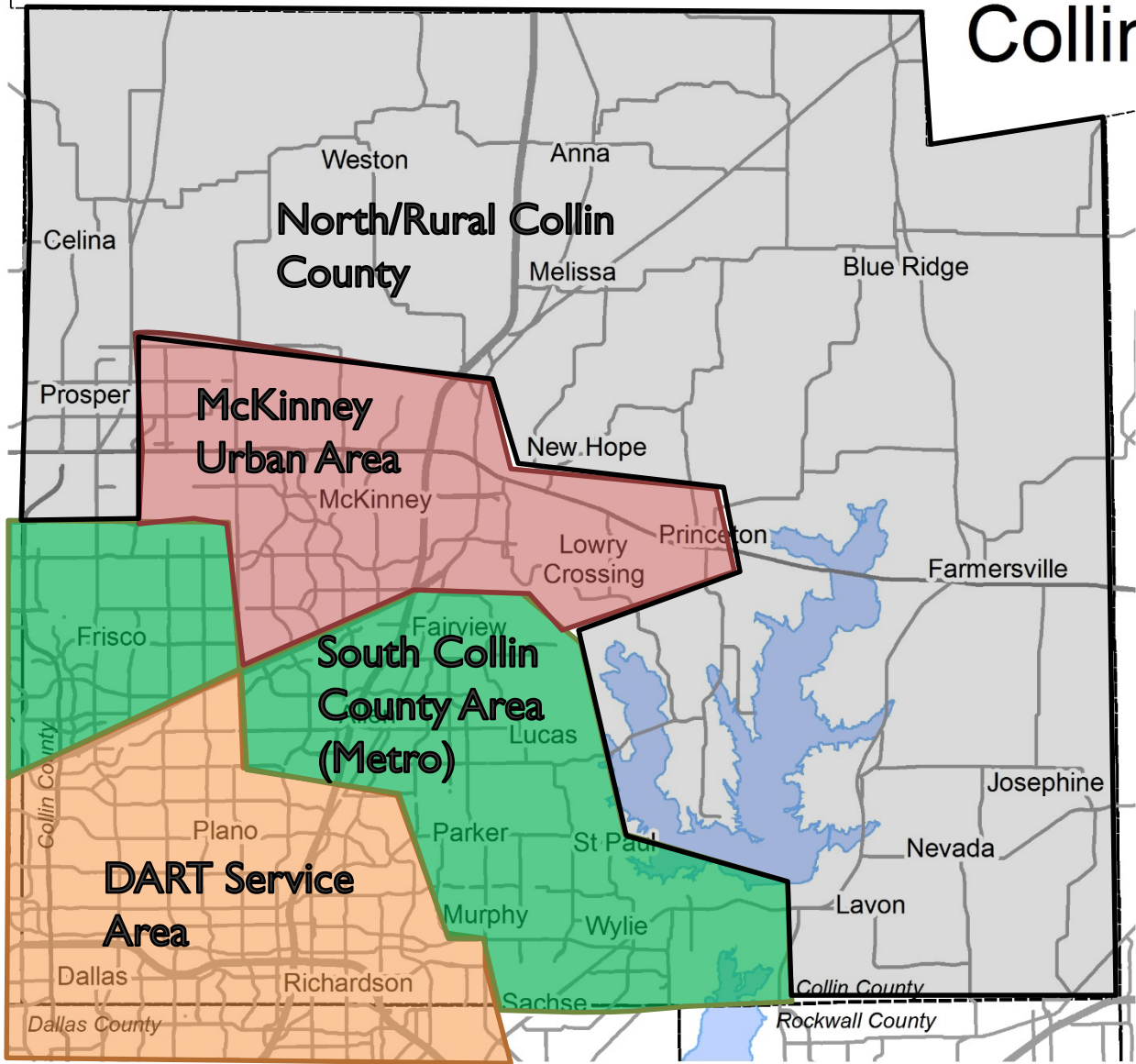
December 2015: Texoma Area Paratransit System (TAPS) cancels all services in Collin County indefinitely; RTC approves up to \$675k for interim (90-day) transit service for seniors and people with disabilities

February 2016: 90-day limited service begins in Allen, Fairview, and Wylie; limited service continues in Frisco

March 2016: RTC approves NCTCOG as an interim option to serve as the Direct Recipient for funding in the McKinney Urbanized Area to ensure funding isn't lost from the region

April 2016: DART and Toyota announce a \$1M charitable donation in support of public transportation to address gaps in service in Collin County; NCTCOG staff sends letter to McKinney to determine Direct Recipient preference

# Collin County



# 90-Day Transit Service Status (through May 2016)

Location	Entity Deciding on Service	Funding Entity	Status
South Collin County Area (Metro)	Cities	RTC and cities	\$415k spent of \$500k approved by RTC; Limited service operated by DART and DCTA
McKinney Urban Area	McKinney and other cities	FTA/Direct Recipient and cities	\$0 spent of \$100k approved by RTC
North/Rural Collin County	Collin County Commissioners Court	TxDOT	\$0 spent of \$45k loan approved by RTC

\* For Wise County, \$0 spent of \$30k loan approved by RTC

# Next Steps

## South Collin County Area

Keep transit service running

DART has requested additional federal funding from RTC to leverage Toyota's donation through September 2017

Coordinate with cities and plan for longer-term service

## McKinney Urban Area

Work with McKinney to finalize Direct Recipient status

Start service

Coordinate with cities and plan for longer-term service

## North/Rural Collin County

Work with Collin County Commissioners Court to finalize Rural Transit District designation

Start service

Plan for longer-term service

# Requested Funding

Expense Item	Federal Funding Requested by DART	Existing Federal Funding Available	Geography	Source
Operating (e.g. fuel and salaries)	\$650k to \$850k	\$650k	South Collin County; McKinney Area; Rural Collin County	FTA New Freedom funding for people with disabilities and seniors
Capital (e.g. vehicles, maintenance, IT, planning)	\$3.22M	\$3.22M	South Collin County	CMAQ funding available to support service outside transit authority service areas

**\$3.87M**

# Leverage Maximum Funding

	\$1M	Local Funds	DART/Toyota
	\$0.5M to \$1M	Local Funds	Cities/County
+	\$3.87M	Federal Funds	RTC

---

**\$5M+ leveraged to provide service**



# Requested Action

Approve use of available funding to support transit service in Collin County to fully leverage local funds

Direct staff to administratively amend the Transportation Improvement Program (TIP)/ Statewide TIP and other planning/administrative documents to reflect approved funding

# Contact

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# PROPOSED \$80 MILLION TEX Rail LOAN

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REGIONAL TRANSPORTATION COUNCIL

May 12, 2016



# BACKGROUND

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In September 2015, the FWTA filed a Full Funding Grant Agreement (FFGA) request with the Federal Transit Administration (FTA).

The approval process was estimated to take 4-5 months.

FFGA approval is expected in the Fall of 2016.

In order to meet the construction schedule, FWTA must start construction in July 2016.

# BACKGROUND cont'd.

---

FWTA has funds on hand to cash flow the project until January 2017, including:

- Sales tax receipts (traditional and Grapevine 3/8<sup>th</sup> cent)
- \$20 million Tarrant County commitment
- Surface Transportation Program–Metropolitan Mobility
- Congestion Mitigation Air Quality Improvement Program
- Regional Toll Revenue

FWTA is seeking a loan from the RTC to cash flow construction expenses until April 2017, as FWTA anticipates having access to the funding from the FFGA by that time.

# CONTEXT

---

RTC has loaned or backstopped funding to multiple roadway projects, including:

- LBJ Express (repaid)
- SH 360 Backstop
- President George Bush Turnpike Eastern Extension

This loan is short-term, for cash flow purposes.

It is a low risk loan.

# LOAN TERMS

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RTC would program \$80M in RTR funds to the FWTA to be available as cash flow for the TEX Rail project.

Receipt of RTR funds would be contingent on FWTA and TxDOT executing a standard “off-system RTR” agreement.

FWTA would repay the RTC by April 15, 2017, or 60 days after execution of FFGA, whichever is sooner.

If no FFGA is executed, FWTA is still obligated to repay the loan.

FWTA must obtain confirmation from FTA to provide RTC assurances that FWTA could be reimbursed for expenses, prior to execution of FFGA.

# LOAN TERMS cont'd.

---

FWTA agrees to brief RTC staff on a monthly basis as to the status of the FFGA and any changes to the cash flow situation.

If for any reason prior to the transfer of funds, FTA communicates its intent not to execute the FFGA, the RTC's approval for the loan would be rescinded.

FWTA would pay interest of 1% + the current interest rate earned by funds in the RTR subaccount. Interest would accrue from actual receipt of funds to date of repayment.



# LOAN TERMS cont'd.

---

This loan is subject to approval by the FWTA Board of Directors.

A Loan Agreement would need to be executed between FWTA and RTC/NCTCOG reflecting these terms.

Consistent with the RTC policy to minimize RTR financial risk at the State level, attempts will be made to return the repaid funds within the region.

# TIMELINE

<b>ACTION</b>	<b>DATE</b>
Request RTC approval	May 2016
Include loan funds in the 2017-2020 Transportation Improvement Program (TIP)	May 2016
Submit TIP to TxDOT	June 2016
Request Texas Transportation Commission approval of the RTR funds	September 2016
Anticipate approval of TIP by US Department of Transportation	October 2016
FWTA executes agreement with NCTCOG and TxDOT for receipt of RTR funds	November 2016
TxDOT sends RTR funds to the FWTA	Within 30 days of agreement execution

# ACTION REQUESTED

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Approve \$80 million loan to FWTA to help cash flow TEX Rail construction in advance of final FTA approval of Full Funding Grant Agreement as noted in preceding slides.

Direct staff to administratively amend the 2017-2020 TIP and other planning/administrative documents to incorporate this loan.

# **MPO Title VI Nondiscrimination Program Update**

**Regional Transportation Council**

**May 12, 2016**

**Ken Kirkpatrick**

# Nondiscrimination Authorities

Title VI: Prohibits discrimination based on race, color, national origin, religion, sex, age, or disability (Civil Rights Act of 1964)

Environmental Justice: Ensures low-income and minority groups are considered in the planning process (Executive Order 12898, February 1994)

# Ongoing Nondiscrimination Efforts

Metropolitan Transportation Plan Environmental  
Justice Analysis

Public Involvement

Call for Projects

Disadvantaged Business Enterprise Program

Title VI Coordinator/Staff Training

Compliance Reviews/Audits

Monitor Federal/State Legislation and Regulations

# NCTCOG Title VI Program Elements

## General Requirements

Title VI Notice to the Public

Title VI Complaint Procedures and Form

List of Title VI Investigations, Complaints, and Lawsuits

Public Participation Plan

Language Assistance Plan

Membership of Non-elected Committees and Councils

Monitoring Title VI Compliance of Subrecipients

Policy Board Resolution Approving Program

# NCTCOG Title VI Program Elements

## MPO Requirements

Demographic Profile

How Mobility Needs of Minority Populations are Considered in the Planning Process

Impacts of State and Federal Funds Spent on Public Transportation

Analysis of any Disparate Impacts of MPO Plans and Policies



# FTA Title VI Program Requirements

Documents How an FTA Recipient is Complying with  
Title VI Requirements to Prohibit Discrimination  
Based on Race, Color, or National Origin

Required for Direct and Primary Recipients of FTA  
Funding

Updated Every Three Years

# 2016 Title VI Program Updates

Title VI Assurances

Public Participation Plan

Language Assistance Plan

RTC and Executive Board Bylaws

Subrecipient Information

Demographic Profile

Mobility Plan References

# Schedule

The background of the slide features a close-up, grayscale image of several interlocking gears. The gears are metallic and have a fine, ribbed texture. The text 'CTCOG.ORG' is embossed or printed on the teeth of the gears, appearing in a light, semi-transparent font. The overall aesthetic is industrial and mechanical.

**May 12:** Request for RTC Approval

**May 26:** Request for Executive Board Approval

**June 1:** Submission to FTA

# Contacts

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North Central Texas  
Council of Governments

# REGIONAL TRANSPORTATION COUNCIL MAY 12, 2016

2017-2020

# Transportation Improvement Program

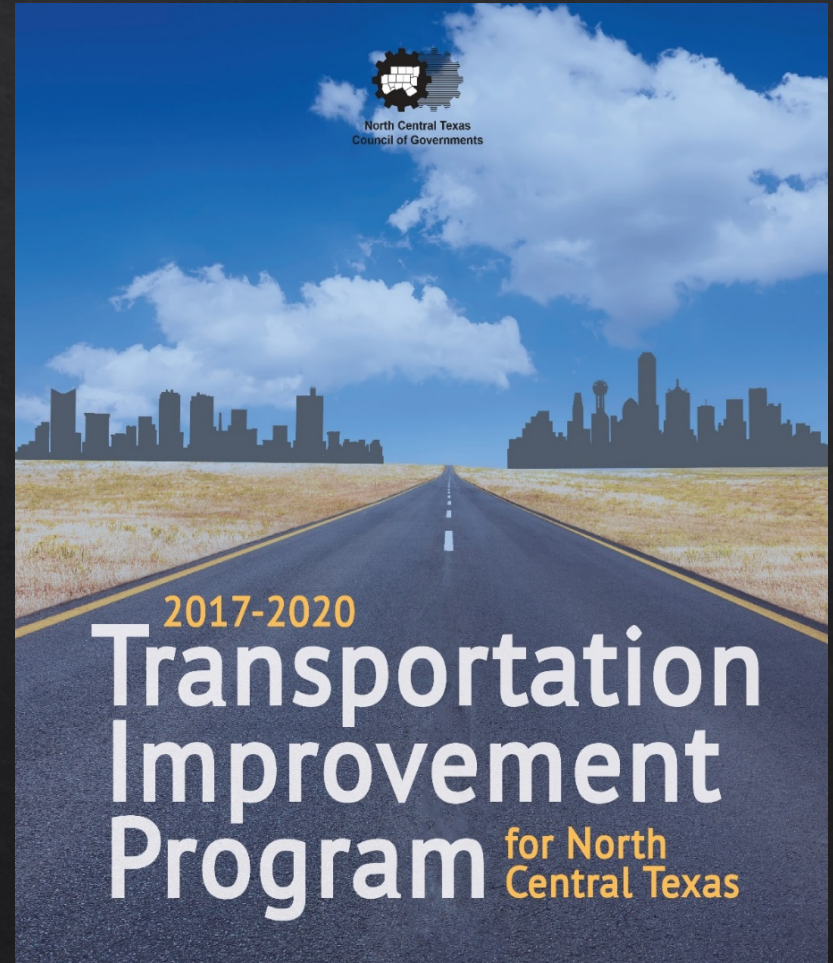
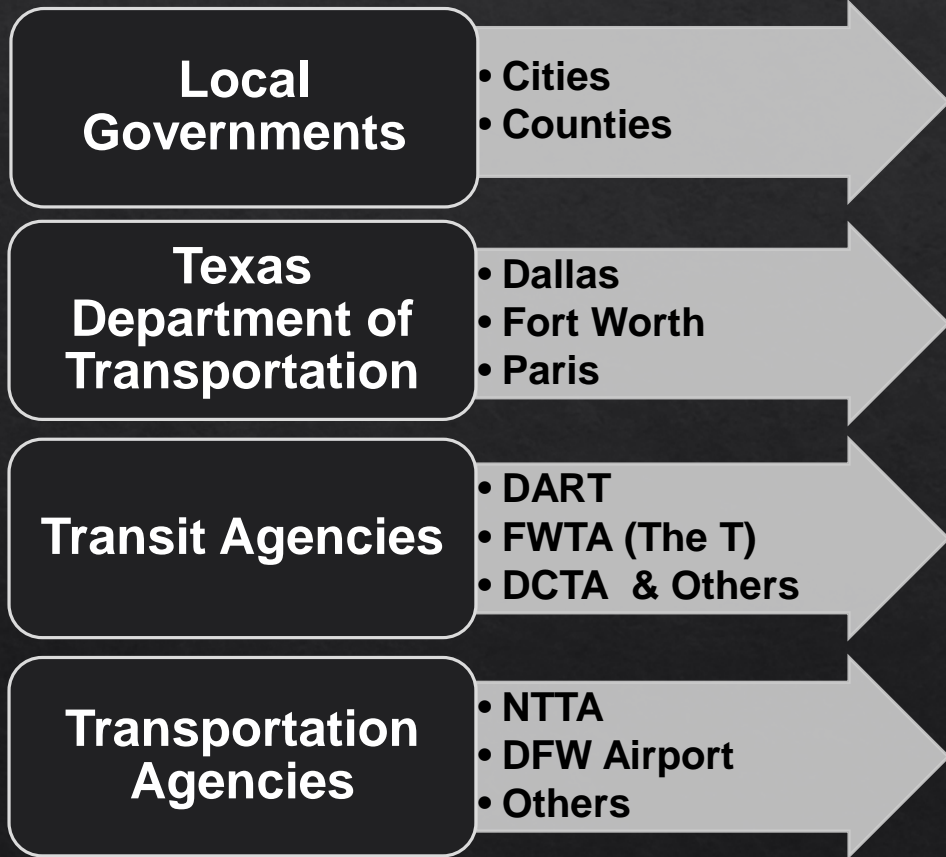
for North  
Central Texas

# WHAT IS THE TIP?

- ◆ Transportation Improvement Program (TIP)
- ◆ Federal and State mandated inventory of transportation projects
- ◆ Contains projects funded with local, State, and federal funding sources
- ◆ Covers four years of available funding
- ◆ Updated on a quarterly basis
- ◆ Redeveloped every two years

# 2017-2020 TRANSPORTATION IMPROVEMENT PROGRAM (TIP)

## A COLLABORATIVE EFFORT



# DEVELOPMENT PROCESS

1. Review all existing projects and solicit additional locally funded projects
2. Make needed adjustments to existing projects (staging, funding, scope)
3. Develop revised project listings
4. Balance project listings to estimated revenue
5. Conduct Mobility Plan and Air Quality review
6. Solicit public review (process, draft listings, final listings)
7. Finalize project listings and submit to partners



# DRAFT PROJECT LISTINGS

- ◆ Draft final 2017-2020 TIP roadway and transit project listings are available in Electronic Item 8.1

## **Included attachments**

1. “Double-Entry Report” for the roadway section
  2. Transit Report for the transit section
- ◆ Provided electronically due to the length of the file (471 pages)

# COMMENTS FROM STTC

## Changes to Electronic Reference Item 8.1:

- ◇ Irving - TIP 11237.2/CSJ 0918-45-812 (p. 233)
  - ◇ Change limits on Conflans Road
    - ◇ Current: from West of SH 161 to Valley View Lane
    - ◇ Proposed: from SH 161 to Valley View Lane
- ◇ Mansfield - TIP 83263/CSJ 0172-09-033 (p. 276)
  - ◇ Change limits on US 287
    - ◇ Current: from Debbie Lane to Walnut Creek Drive
    - ◇ Proposed: from 1 mile South of Turner Warnell Road to Walnut Creek Drive

**DRAFT**

# SCOPE OF PROGRAMMING

- ◆ **\$5.71 Billion in 2017-2020 TIP (Roadway & Transit)**
  - \$1.68B in Federal commitments
  - \$0.82B in State commitments
  - \$0.39B in Regional commitments
  - \$2.44B in Local commitments
  - \$0.38B in Transit commitments
- ◆ **Over 958 active projects (Roadway & Transit)**
- ◆ **71 implementing agencies (Roadway & Transit)**

# TIMELINE/ACTION TABLE

May – Oct. 2015	Met with implementing agencies
Aug. – Jan. 2016	Data input, financial constraint, and analysis
Jan. 2016	Draft listings – STTC information
Feb. 2016	Draft listings – Regional Transportation Council (RTC) information
Mar. 2016	Draft listings – Public meetings Final listings – STTC action
May 2016	Final listings – RTC action
June 24, 2016	Final document to Texas Department of Transportation (TxDOT) and eSTIP submittal
Aug. 2016	TxDOT Commission approval (for STIP)
Oct. 2016	Anticipate federal/State approval (STIP)

# NEXT STEPS

- ◆ Convert double-entry listings into the 2017-2020 Statewide Transportation Improvement Program (STIP) reports
- ◆ Convert FY 2021+ listings into Appendix D – the Environmental Clearance section of the TIP/STIP
- ◆ Finalize chapters in the TIP document
- ◆ Submit final document to the State for inclusion in the STIP on June 24, 2016

# ACTION REQUESTED

Approval of:

- ◆ The projects and project changes shown in the roadway (double-entry) and transit reports

Note: Only projects shown in FYs 2017-2020 will appear in the 2017-2020 STIP listings

- ◆ To submit the final 2017-2020 TIP document to TxDOT for inclusion in the STIP
- ◆ The resolution adopting the 2017-2020 TIP which will be transmitted to federal, State, and local impacted agencies (Reference Item 8.2)
- ◆ Changes due to comments received from STTC as noted on slide 6

2017-2020 TIP DEVELOPMENT

# QUESTIONS/COMMENTS

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**Funding for  
Advanced Transportation and  
Congestion Management  
Technologies Deployment Initiative  
and  
Transit Oriented Development  
Planning Pilot Program**

**Regional Transportation Council**

**May 12, 2016**



# Overview

- Advanced Transportation and Congestion Management Technologies Deployment Initiative (ATCMTD)
  - *Program Overview*
  - *Proposed Project*
- Transit-Oriented Development Planning Pilot Program
  - *Program Overview*
  - *Proposed Project*

# Overview of Funding Opportunity for ATCMTD

- **\$60 Million Total**; 5 to 10 awards up to \$12 million each
- **FY 2016 and 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 3, 2016**
- Minimum **50% non-federal cost share**

# ATCMTD Proposed Project

## Integration of:

- Wrong-Way Driver Technology to detect vehicles traveling in the wrong direction and warn on-coming traffic
- Low Water Crossings Technology to detect water on roadway to redirect traffic
- Ramp meters and traffic signal coordination on frontage road to increase freeway reliability and safety due to freeway disruptions.

**NCTCOG to request:** Approximately \$1.0 million, match: \$ 1.0 million (local funds)

# Transit Oriented Development (TOD) Planning Pilot Program

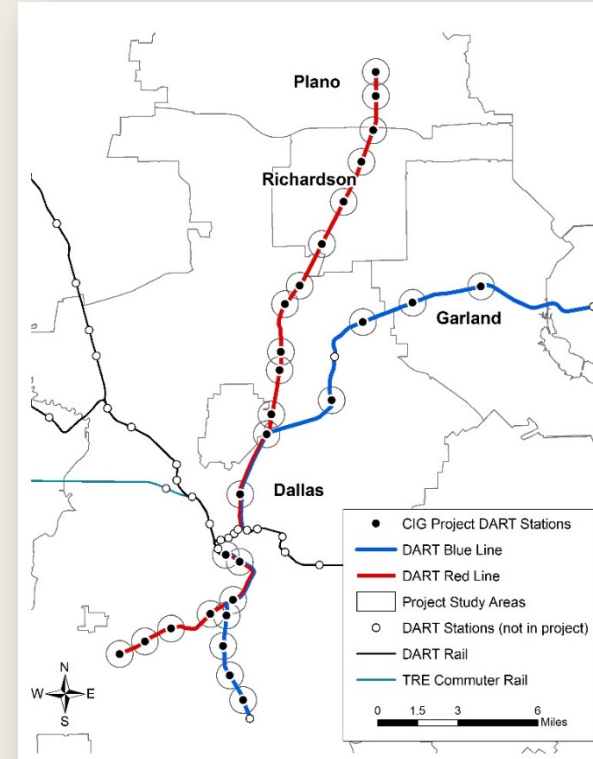
- **\$20.4 million total:** Individual awards from \$250,000 - \$2 million
- Previous Call awarded **21 projects** from the FTA
- **Comprehensive planning for TOD** supporting economic development, ridership, multimodal connectivity and accessibility, increased pedestrian and bicycle access, and mixed-use development near transit stations
- Applications due **June 13, 2016**
- Minimum **20% local match** required

# Transit Oriented Development (TOD) Planning Pilot Program

- Planning work must be associated with an **FTA Capital Investment Grant Program** project including New Starts, Core Capacity, or fixed-guideway Small Starts projects. Projects must be:
  - *Reasonably expected to enter the CIIG Program*
  - *In the Project Development or engineering phase*
  - *Or have received a construction grant under the program since July 2012*
- NCTCOG to request: Approximately \$1.4 million, match: \$350,000 (local funds)
- Partnerships: DART and Cities of Dallas, Garland, Plano, and Richardson

# TOD Planning Pilot Program Proposed Project

- **DART Red and Blue Lines – Core Capacity Project**, platform extensions at 28 stations
- Address key TOD issues and barriers in corridor and generate data that will benefit region
  - *Routes to Rails, bike & pedestrian connection prioritization and engineering*
  - *Parking data collection and management analysis*
  - *Survey of current TOD residents and employers location choice and travel trends*
- Comprehensive corridor plan and regional recommendations based on data collected



# Action Requested

Approval of the projects proposed for submittal by the North Central Texas Council of Governments (NCTCOG)/RTC for ATCMTD and TOD Planning Pilot Program.

Direct staff to administratively amend the Transportation Improvement Program (TIP)/Statewide TIP and other planning/administrative documents to include ATCMTD and TOD Planning Pilot Program projects, if selected.

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