AMERICAN RECOVERY AND REINVESTMENT ACT OF 2009 (ARRA) SUCCESSES IN THE DALLAS-FORT WORTH REGION (\$ in Millions)

- \$ 885.71 Awarded
- <u>- .43</u> Returned at project close out
- \$ 885.28 Total ARRA expenditures
 - + 268.58 Additional RTC Partnership Funds
- \$1,153.86 Total Investment

Top ARRA Projects

DFW Connector - \$260.8

Chisholm Trail Parkway at IH 20 - \$116.6

Green Line Light Rail - \$86.2

Orange Line Light Rail - \$60.6

Downtown Dallas Streetcar - \$26.0

PGBT/SH 161 TIFIA Loan - \$20.0





The Metropolitan Transportation Plan for North Central Texas

Regional Transportation Council Chad McKeown and Chris Klaus March 10, 2016

Mobility 2040 Prioritization and Expenditures



^{*}Actual dollars, in billions. Values may not sum due to independent rounding.

Regional Veloweb

Facility Status

Existing 442 Miles

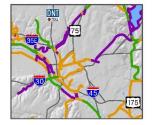
Funded 146 Miles

Planned 1,288 Miles

Total 1,876 Miles

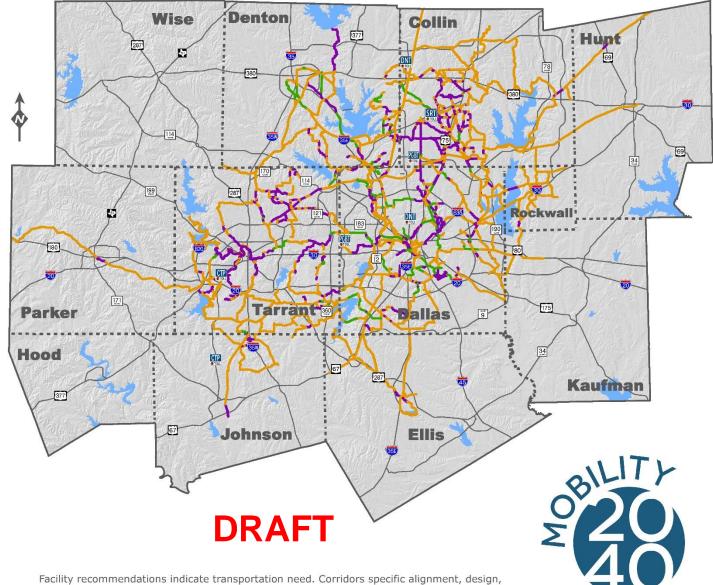
— Major Roads

Dallas CBD



Fort Worth CBD







Facility recommendations indicate transportation need. Corridors specific alignment, design, and operational characteristics for the Regional Veloweb system will be determined through ongoing project development.

Major Transit Corridor Recommendations



Dallas CBD

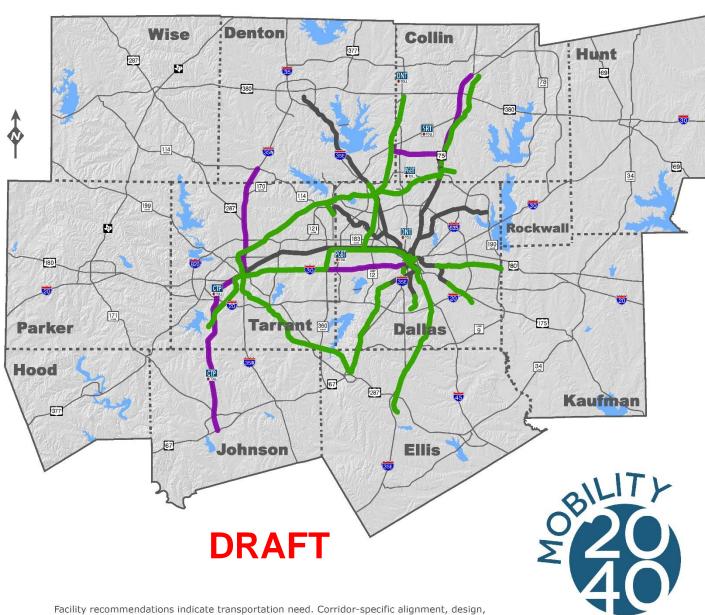


Fort Worth CBD



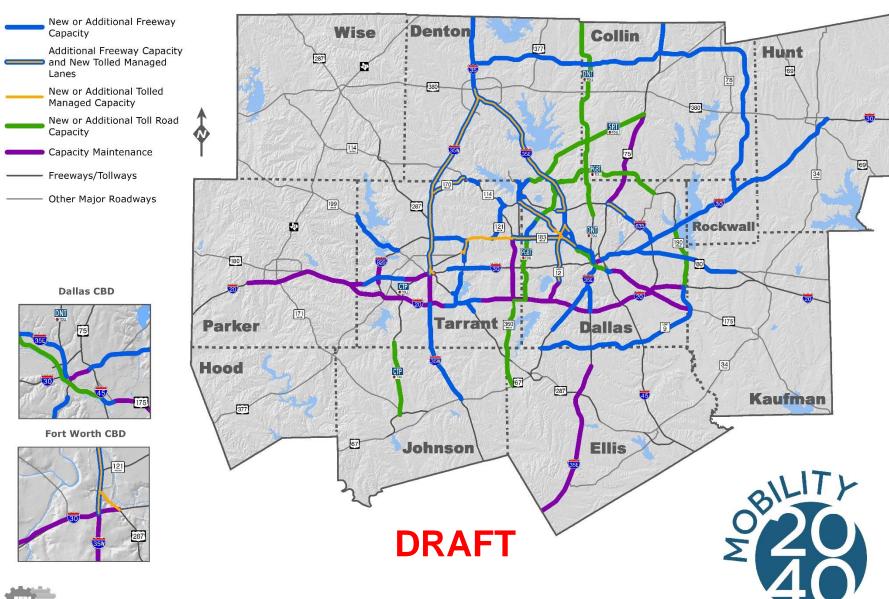


March 2016



Facility recommendations indicate transportation need. Corridor-specific alignment, design, and operational characteristics will be determined through ongoing project development.

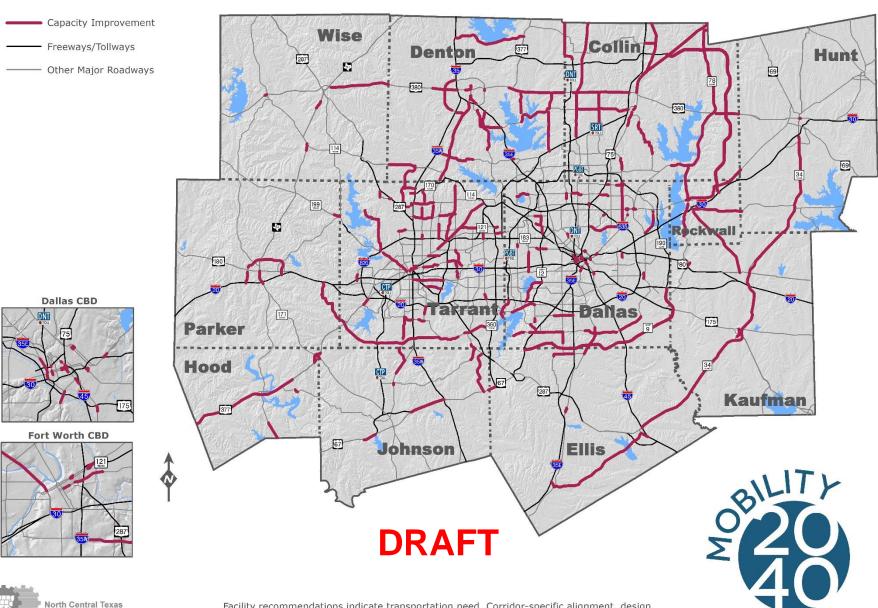
Major Roadway Recommendations



March 2016

Facility recommendations indicate transportation need. Corridor specific alignment, design, and operational characteristics will be determined through ongoing project development.

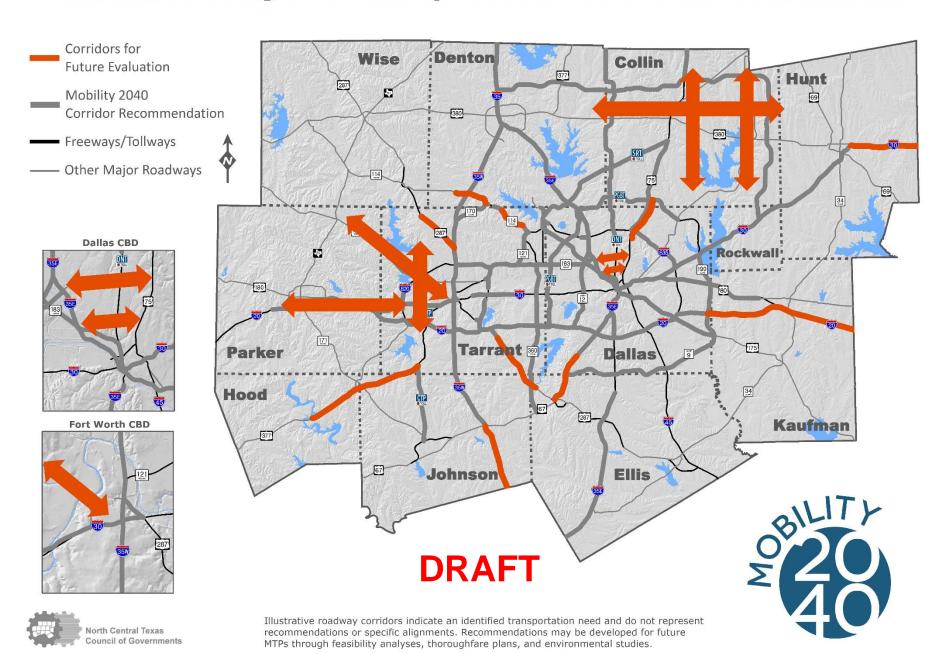
Funded Major Arterial Improvements



March 2016

Facility recommendations indicate transportation need. Corridor-specific alignment, design, and operational characteristics will be determined through ongoing project development.

Illustrative Major Roadway Corridors for Future Evaluation



March 2016

Supplemental Policy Initiatives

- RTC Policy Bundle Initiative
 - Aims to find solutions beyond infrastructure improvements to achieve regional transportation goals
 - Participation is voluntary
 - Participating local governments would receive credits to help offset local funds on federal projects
- RTC Policy Position on Transit Implementation in the Cotton Belt Corridor (P16-01)
 - Calls for expedited project delivery
 - If rail cannot be expedited, review other options for early implementation

Transportation Improvement Program (TIP) Impacts

- A subset of projects listed in the 2015-2018 TIP document will be impacted by scope, timing, and funding changes identified in Mobility 2040 recommendations.
- All impacted projects will be amended in the 2017-2020 TIP (vs. in the 2015-2018 TIP listings) as these projects are not being implemented prior to finalization of the new TIP.
- Subsequent TIP action will be consistent with Mobility 2040 and the 2016 Transportation Conformity.

2016 Transportation Conformity

Purpose: Federal requirement in nonattainment areas to conduct air quality analysis on projects, programs, and policies identified in transportation plans, transportation improvement programs, federally funded projects, or projects required for federal approval

Analysis Years: 2017, 2027, 2037, and 2040

Latest Planning Assumptions: MOVES2014 Emissions Model

2014 Registration

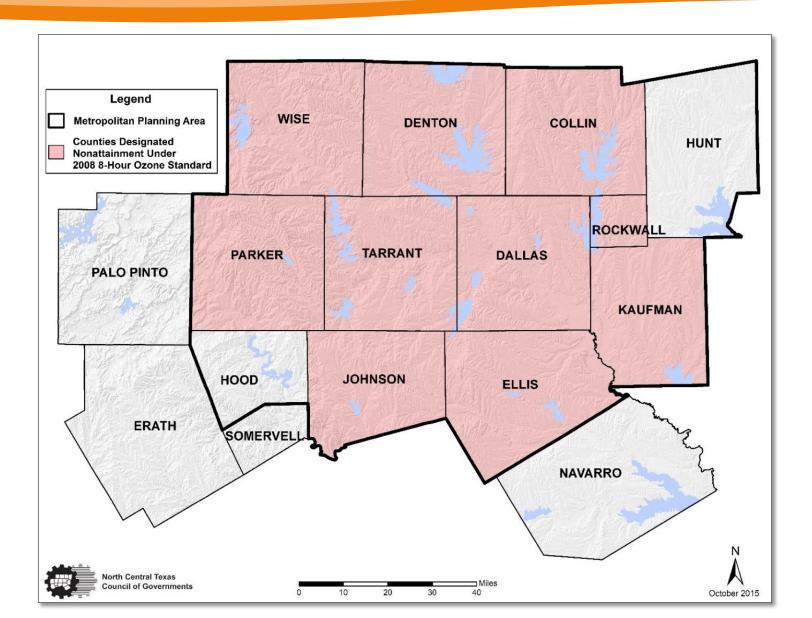
2014 Traffic Count Data

2014 Meteorological Data

Motor Vehicle Emissions Budgets (MVEBs)*
Nitrogen Oxides (NO_X) = 148.36 tons/day
Volatile Organic Compounds (VOC) = 77.18 tons/day

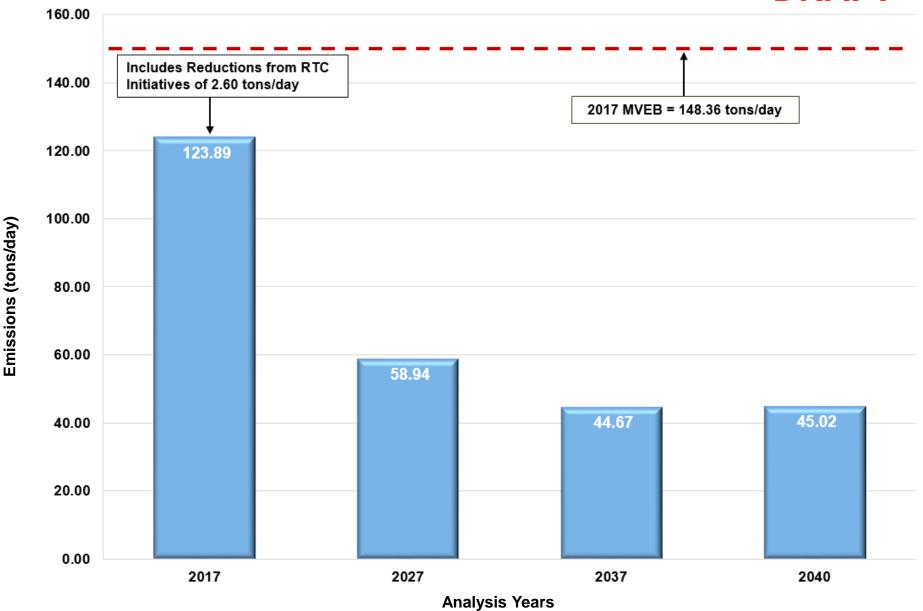
Analysis Area: Ten-County Ozone Nonattainment Area

Ten-County Nonattainment Area Under the Eight-Hour Ozone Standard



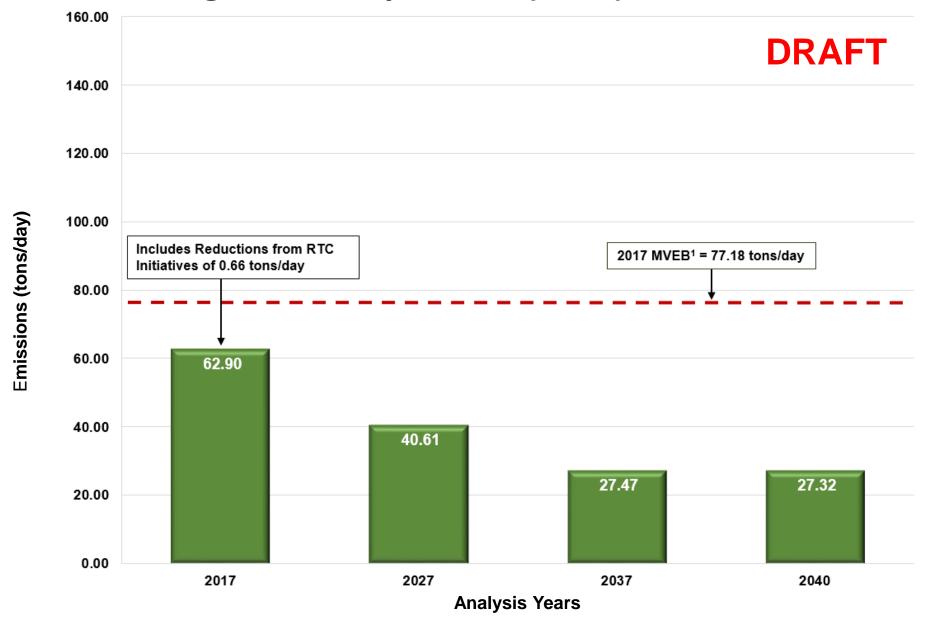
Nitrogen Oxides (NO_X) Emission Results

DRAFT



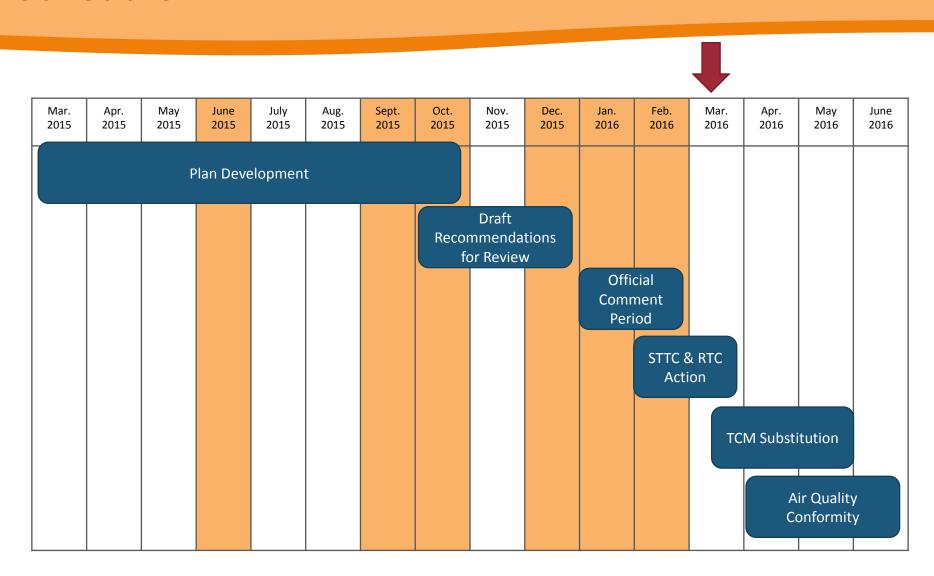
¹ Source: Environmental Protection Agency Notice of Adequacy Status of the Dallas-Fort Worth, TX Reasonable Further Progress 8-Hour Ozone Motor Vehicle Emission Budgets for Transportation Conformity Purposes; 81 FR 1184, https://federalregister.gov/a/2016-339.

Volatile Organic Compounds (VOC) Emission Results



¹ Source: Environmental Protection Agency Notice of Adequacy Status of the Dallas-Fort Worth, TX Reasonable Further Progress 8-Hour Ozone Motor Vehicle Emission Budgets for Transportation Conformity Purposes; 81 FR 1184, https://federalregister.gov/a/2016-339.

Schedule



Public meetings held during highlighted months.

Request for Action

- Approve Mobility 2040
- Confirm the 2016 Transportation Conformity results
- Confirm that TIP related changes will occur through the 2017-2020 TIP approval process
- Approve the resolution R16-01 as outlined in the following slides

Request for Action (continued)

Approve Resolution (Reference Item 4.1)

Section 1: RTC adopts <u>Mobility 2040: The Metropolitan Transportation</u> <u>Plan for North Central Texas</u>, including the "RTC Policy Position on Transit Implementation in the Cotton Belt Corridor (P16-01)" and the RTC Policy Bundle Initiative.

Section 2: RTC approves the results of the <u>2016 Transportation</u> <u>Conformity</u>, which demonstrates that implementation of <u>Mobility 2040</u>: <u>The Metropolitan Transportation Plan for North Central Texas</u> and appropriate TIP will not cause any new violations of the air quality standard, increase the frequency or severity of violations of the standard, or delay timely attainment of the standard.

Section 3: RTC request staff to conduct a Transportation Control Measure substitution concurrently during the conformity interagency consultation review. Subsequent final local action by the RTC on the TCM process and resulting conformity analysis will follow.

Request for Action (continued)

Section 4: The development of <u>Mobility 2040: The Metropolitan</u> <u>Transportation Plan for North Central Texas</u> utilized the most recent regional demographic projections.

Section 5: The recommendations included in <u>Mobility 2040: The Metropolitan Transportation Plan for North Central Texas</u> meet financial constraint requirements and all federal nondiscrimination and Environmental Justice requirements and have no disproportionate impacts on protected populations.

Section 6: RTC directs staff to appropriately amend other planning documents such as the Transportation Improvement Program and Unified Planning Work Program as needed to implement the policies, programs, and projects contained in Mobility 2040: The Metropolitan Transportation Plan for North Central Texas.

Request for Action (continued)

Section 7: The development of <u>Mobility 2040: The Metropolitan</u>

<u>Transportation Plan for North Central Texas</u> and the <u>2016 Transportation</u>

Conformity was conducted in accordance with NCTCOG's approved public participation plan, including presentation of draft recommendations and analysis results.

Section 8: The latest public involvement information for the <u>2016</u> <u>Transportation Conformity</u>, including <u>Mobility 2040: The Metropolitan Transportation Plan for North Central Texas</u>, will be transmitted to the interagency conformity consultation partners (FHWA, FTA, EPA, TxDOT, and TCEQ).

Section 9: This resolution will be transmitted to FHWA, FTA, EPA, TxDOT, TCEQ, DART, FWTA, DCTA, NTTA, Collin County Toll Road Authority, and all impacted local governments.

Section 10: This resolution shall be in effect immediately upon its adoption.

Websites

Additional information available online

Mobility 2040: www.nctcog.org/mobility2040

Conformity: http://www.nctcog.org/trans/air/conformity/

IH 35E/IH 635 Interchange Rendering – IH 35E Managed Lanes "Y-Connection" Path



NORTHBOUND IH35E EXPRESS (PM PEAK)

SOUTHBOUND IH35E EXPRESS (AM PEAK)

Courtesy: AGL Constructors (2016)

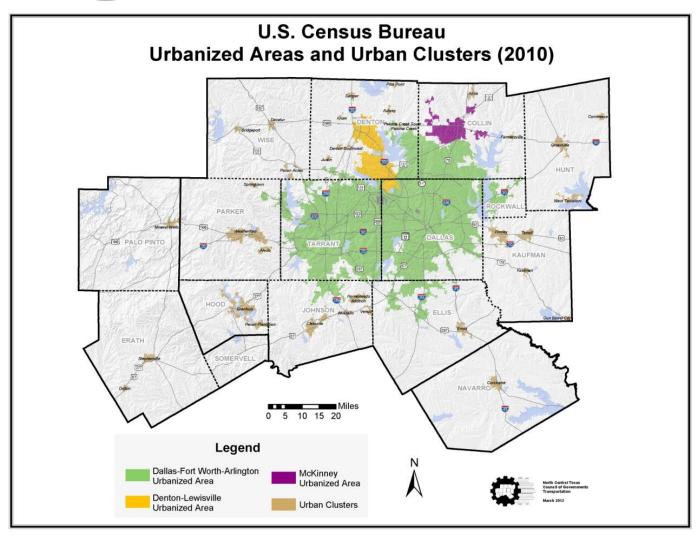
DIRECT RECIPIENT STATUS FOR THE MCKINNEY URBANIZED AREA (UZA)

Regional Transportation Council



Michael Morris, P.E. Sarah Chadderdon, AICP March 10, 2016

Background



McKinney UZA

Population

170,030 (2010 Census)

Cities

McKinney, Princeton, Prosper, Celina, Melissa and Lowry Crossing

Annual Urbanized Area Formula Allocation

\$2.6M

Direct Recipient Status History

Through 2013: Collin County Area Regional Transit (CCART)

2014 – Present: Texoma Area Paratransit System (TAPS)

Future: North Central Texas Council of Governments (NCTCOG) (proposed)

Eligible Direct Recipients

Public agencies (e.g., metropolitan planning organizations) may serve as Direct Recipient, including:

Cities

Counties

Councils of Governments

State Agencies

Metropolitan Transit Authorities

Public transportation agencies that are political subdivisions of the State of Texas (e.g. TAPS)

Small Urbanized Area Requirements

The Federal Transit Administration (FTA) has very specific roles and responsibilities for allocating and receiving federal funds. In small urbanized areas:

MPOs

Regional Transportation Council programs funds Ensures coordinated planning

Designated Recipient (i.e., TxDOT)

Allocates and apportions funding Responsible for oversight and compliance

Direct Recipient

Receives funds directly from FTA

Decides how service gets provided and identifies local needs

Identifies local partnerships and matching funds

Must ensure compliance with State and federal rules

Timeline

	ACTION	WHEN
	TAPS ceases public transportation service in the McKinney Urbanized Area	December 2015
	Coordination with cities in the McKinney Urbanized Area regarding Direct Recipient status	Ongoing
	Federal Transit Administration releases FY2016 apportionment	February 16, 2016
	STTC: Action Item	February 26, 2016
	RTC: Action Item	March 10, 2016
	Send selected Direct Recipient to the Governor (i.e., TxDOT)	March 2016
	Receive TxDOT and FTA approval	April 2016
	Texas Transportation Commission allocates FY2016 funds for small urbanized areas	April 28, 2016



Concurrence of NCTCOG serving as the Direct Recipient of Federal Transit Administration funds for the McKinney Urbanized Area

Contacts

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Principal Transportation Planner
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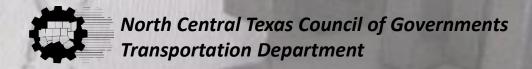
schadderdon@nctcog.org

TOLL MANAGED LANE DATA MONITORING

Regional Transportation Council

March 10, 2016

Dan Lamers, P.E.



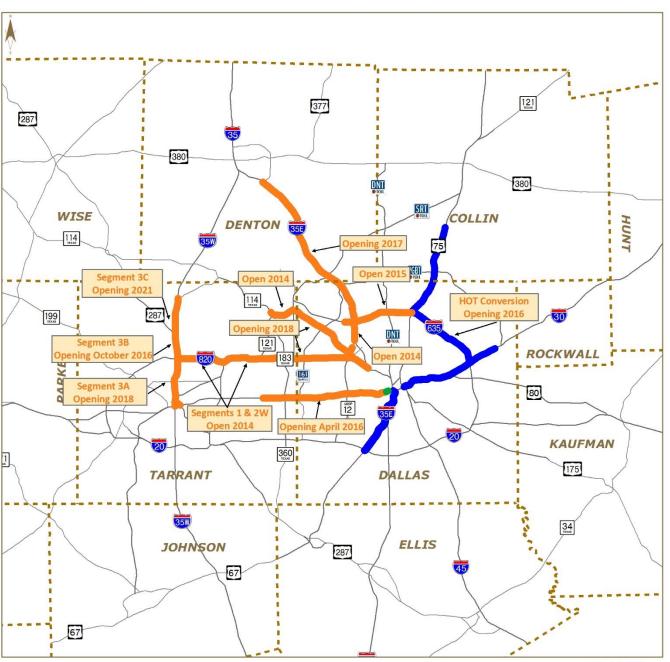
Near Term Managed Lane System Openings











TOLL MANAGED LANE DATA MONITORING

Cumulative December 2013 – December 2015

How much HOV 2+ Subsidy has the RTC been responsible for?

\$380,110 as of December 2015

How much of the Vanpool Toll reimbursement has the RTC been responsible for?

\$717.58 from October 2014 - October 2015

How long can the RTC keep the HOV policy at 2+?

For now, it remains 2+ and it will continue to be monitored quarterly

Have there been any additional NTTA customer service needs?

No, minimal impact

Have the speeds on the Toll Managed Lane facilities dropped below 35 mph?

No

TOLL MANAGED LANE DATA MONITORING

Cumulative December 2013 – October 2015

LBJ EXPRESS	HOV 2+ Subsidy Costs	NTTA Customer Service (Additional Needs)	Project Performance Events (Speeds < 35 mph)
North Tarrant Express SH 183/121 from IH 35W to SH 121	\$263,833	Negligible	0
 LBJ Express IH 635 from Preston Road to Greenville Avenue IH 35E from Loop 12 to IH 635 	\$116,277	Negligible	0
DFW Connector SH 114 from Kimball Avenue to Freeport Parkway	N/A	Negligible	0

Requested Action

Staff is requesting the amendment of the RTC managed lane policy to extend the "on or before" date of implementing the HOV 3+ requirement for the peak period discount to June 1, 2018, pending future subsidy expenditure levels. Staff will continue quarterly reports to the RTC.

8. High-occupancy vehicles with three or more occupants will receive a 50 percent discount during the peak period*. This discount will phase out after the air quality attainment maintenance period. Eligible HOVs must pre-register as part of the HOV pre-declaration process. RTC-sponsored public vanpools are permitted to add peak-period tolls as eligible expenses. Therefore, the Comprehensive Development Agreement firm will be responsible for the high-occupancy vehicle discount and the Regional Transportation Council will be responsible for the vanpool discount. Managed Lane occupancy requirements of 3+ may begin on or before June 1, 2016 2018, resulting in the initial implementation of the existing HOV 2+ policy. HOV 3+ will be implemented when necessary due to operational constraints.

DFW CONNECTOR PILOT PROGRAM



Regional Transportation Council March 10, 2016

Ken Kirkpatrick, Counsel for Transportation

PURPOSE

Pilot Initiated at RTC Suggestion to TxDOT

Test Ability to Cover Collection Risk for Pay-by-Mail Users

Periodically Increase Pay-by-Mail Surcharge (at 90, 180 days)

Market-Driven Approach to Increase Toll Tag Usage

Potential to Apply Lessons Learned to IH 35W Corridor (TxDOT has Collection Risk)

OBSERVATIONS

Overall Traffic is Increasing (Toll Tag and Pay-by-Mail Transactions)

Pay-by-Mail Surcharge is at 90%

Transaction Split has Leveled out at ~70%/30% (Toll Tag - 70%; Pay-by-Mail - 30%)

NTE: ~65%/35%

LBJ: ~65%/35%

NTTA System: ~80%/20%

Next Steps: Marketing Efforts

Determine Market Segments for the 30% (e.g., regular, intermittent, non-payers, other)

Design Outreach for Each Market Segment

Potential to Develop Incentives by Market Segment

Potential to Address Environmental Justice

Coordinate Efforts with NTTA, TxDOT, and Private Sector

PROJECT MILESTONE POLICY IMPLEMENTATION

Regional Transportation Council March 10, 2016

BACKGROUND

In June 2015, the Regional Transportation Council (RTC) approved the Project Milestone Policy.

Projects funded ten (10) or more years ago in which construction has not started are affected.

In November 2015, agencies submitted responses regarding the status of projects for review.

BACKGROUND—cont'd

Agencies could justify keeping projects by:

- Providing a realistic, achievable schedule
 - Schedule must receive NCTCOG & TxDOT concurrence
- Providing documentation of policy board support
 - If projects were advancing imminently or had policy board approval within the last six months, new action was not needed (just submit latest approval documentation).
 - If policy support documentation was greater than six months old, new action was requested.
- Documenting the availability of local matching funds

INTENDED OUTCOMES

Increase the amount of available funds for priority, "ready-to-go" projects

Provide a realistic assessment of project status for decision-making

Balance project construction schedule capacity with the current financial constraints

FUNDING BY SELECTION AUTHORITY AND MILESTONE STATUS

Funding Type	In \$ Millions								
	Possibly Proposed to Cancel	Under Construction or Recently Let (Confirm Funding)	Possib (Policy						
			Delayed to FY 2016	Delayed to FY 2017	Delayed to FY 2018+	Total			
RTC-Selected Funding Categories*	.56	50.44	119.88	35.06	44.21	250.15			
Non-RTC- Selected Funding Categories**	2.02	16.97	21.22	21.53	19.28	81.02			
Total	2.58	67.41	141.10	56.59	63.49	331.17			

^{*} Congestion Mitigation Air Quality Improvement Program, Surface Transportation Program-Metropolitan Mobility, Regional Toll Revenue, etc.

^{**} TxDOT Engineering Funds, TxDOT Right-of-Way Funds, Local Funds, etc.

NEXT STEPS

Continue to review project schedules prior to final recommendation next month and follow up with agencies

Bring the proposed actions to the Council as part of the 2017-2020 TIP development action item in April 2016

QUESTIONS/COMMENTS?

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Senior Program Manager

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Adam Beckom, AICP

Principal Transportation Planner

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Try Parking It Website Relaunch and Employer Trip Reduction Program

Regional Transportation Council March 10, 2016

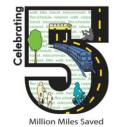
Natalie Bettger





Try Parking It Overview

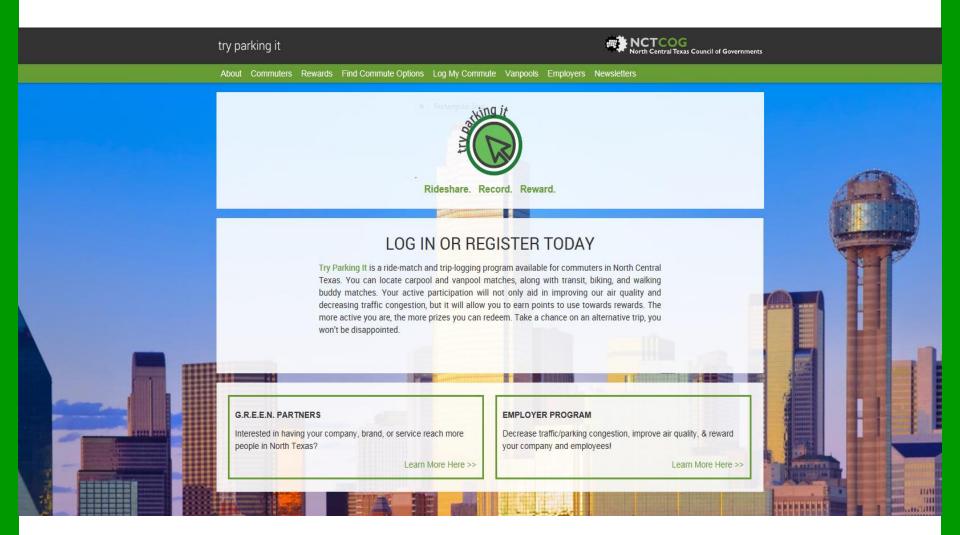
- Initially Launched in 2006 as a Commuter Tracking System Only
 - Website Created Specifically for NCTCOG
 - Website Managed and Updated by NCTCOG Staff
- Updated in 2010 Adding a Ride-Matching Component
- Saved Over 5 Million Miles by March 2013



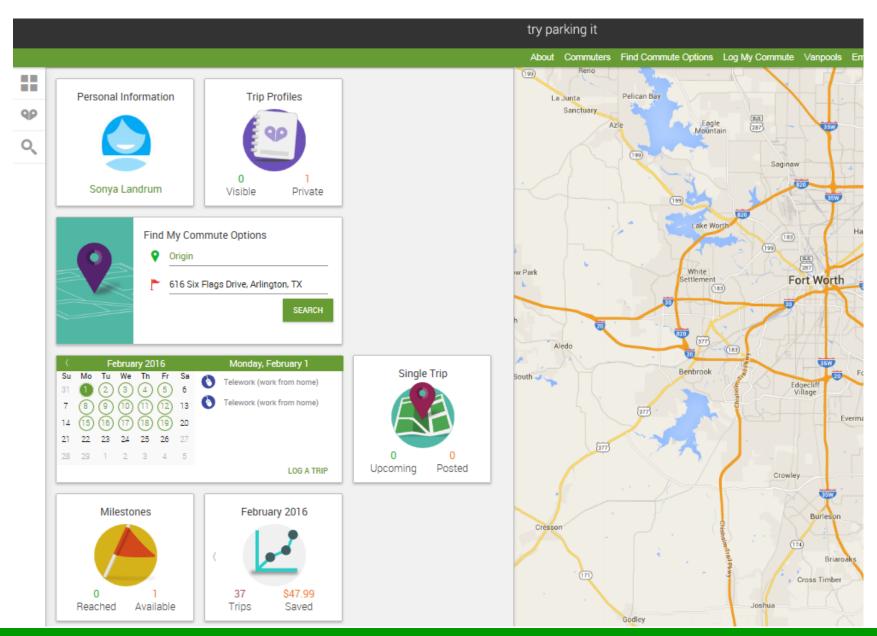
Relaunched in December 2015 with New Logo



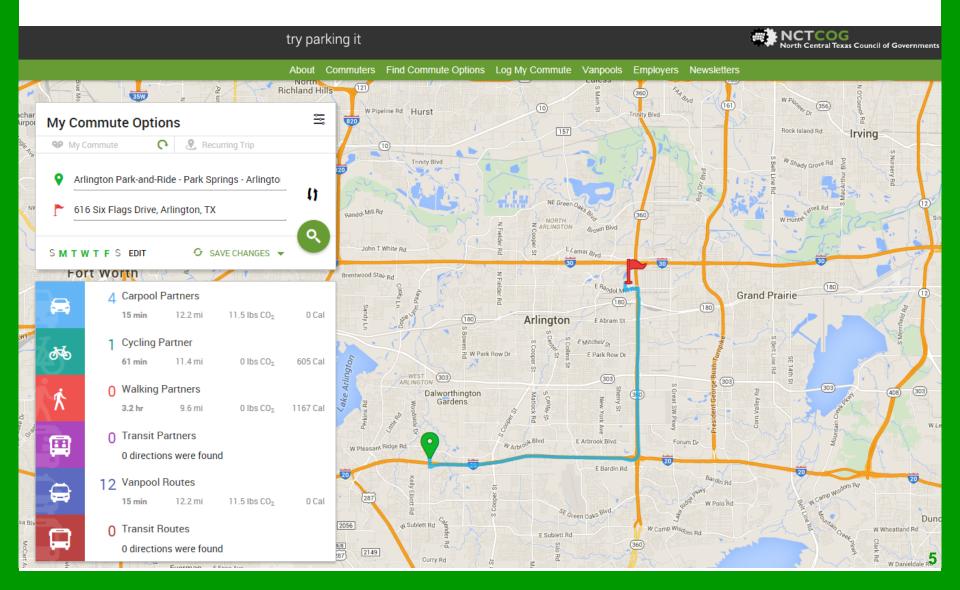
Out with the Old.....In with the New!



Account Dashboard



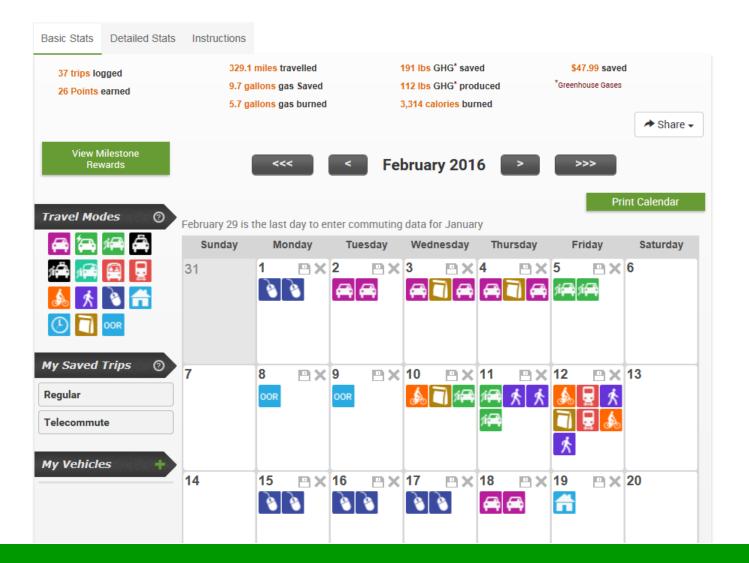
Rideshare Matching and Commute Options



Commute Calendar Multi-Modal Trip Logging

Use this page to report your daily trips with our easy-to-use, interactive calendar.





Commute Calendar Commute Savings Report

Basic Stats

Detailed Stats

Instructions

Travel Breakdown

Travel Mode	Trips	Points (Earned)	Distance (Miles)	Fuel Saved (Gallons)	GHG Saved (Lbs) *	GHG Produced (Lbs)	Calories Burned	Money Saved *	Money Spent
Day Off	1	0						\$0.00	\$0.00
Rail	2	2	31.73	1.48	29.18			\$7.52	\$0.00
Walking, jogging	4	4	19.7	.92	18.07		2,378	\$4.66	\$0.00
Carpool Passenger	3	3	34.53	.73	14.28	17.39		\$3.77	\$4.37
Bicycle, roller blade	3	3	17.61	.82	16.2		936	\$4.18	\$0.00
Out Of Region	2	0						\$0.00	\$0.00
Carpool Driver	2	2	22.84	.53	10.49	10.49		\$2.70	\$2.70
Brown Bag Lunch	4	4	20	.96	18.48			\$3.56	\$0.00
Drove alone (car or motorcycle)	8	0	91.36			83.92		\$0.00	\$21.60
Telework (work from home)	8	8	91.36	4.28	83.92			\$21.60	\$0.00
							* Compa	red to mid-siz	ze vehicle

G.R.E.E.N. Rewards Partners

What is a **G.R.E.E.N Rewards Partner**?

GIVE Give a certain amount of rewards monthly or quarterly for

active users to win on the Try Parking It website. Rewards may include giveaways, discounts, a large contest prize,

etc.

Receive recognition on our website, in newsletters, social RECEIVE

media, and more.

EXPAND Expand your customer demographic. You will reach a large

amount of commuters by partnering with us, which can potentially result in new and lasting customers for your

business

EFFECT

You are aiding in improving air quality and decreasing traffic congestion by joining our program. How? The rewards contributed by your business are motivating commuters to try alternative commutes, getting more

vehicles off the road.

NORTH TEXAS We love our region, and we know you do too. Let's work

together in bringing awareness to alternative commutes

and the amazing companies in our region!

G.R.E.E.N. Rewards Partners



























































pcorn occasions





Monster Yogurt Scary tastes good!...















G.R.E.E.N. Rewards Partner Opportunities

Opportunities for Cities, Transit Agencies, and Transportation Agencies

- Provide Tickets to City Sponsored Events
- Provide Tickets to Events at City/County-Owned Facilities
- Provide Transit Passes/Packs
 (Day Passes, Monthly Passes, etc.)
- Provide Free/Discounted Airport Parking Passes



Employer Portals and Administrators

Employer Administrator for Registered Employers

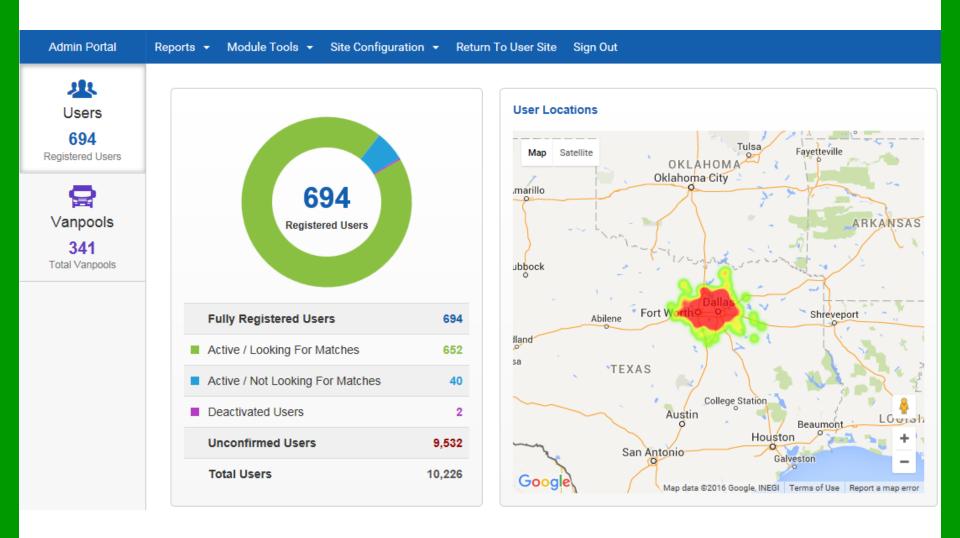
Individual Employer Webpage

- Company Logo Highlighted
- Customizable Text Seen Only by Registered Employees
- Employer-Specific Challenges and Rewards
- Track Environmental and Financial Savings by Site
- Employer Administrator Reports

Transit Administrator: Management Functionality and Reports

Site Administrator: Site Configuration, Management Functionality, and Reports

Site Administrator Portal



Regional Employer Trip Reduction (ETR) Program Update

Regional ETR Program

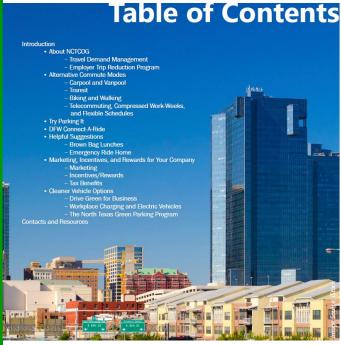
Program Goals:

- Educate Employers and Commuters about Congestion and Air Quality Benefits from Alternative Commute Strategies
- Offer Assistance in Starting or Managing Alternative Commute Programs
- Increase Number of Employee Transportation Coordinators (ETCs) in Our Region
- Increase Active Participation on www.TryParkinglt.com

Conduct Employer and Community Outreach:

- North Central Texas ETR Manual for Employers
- Breakroom Posters and Outreach/Educational Items

ETR Manual for Employers



EMPLOYER
TRIP
REDUCTION



Regional ETR Program Services

NCTCOG Travel Demand Management Staff Available for:

- Employer-Specific ETR Program Development
- Information on Alternative Commute Options
- Program Support for City Staff/Employer Communications
- Employee Info Sessions
- Try Parking It Marketing Material
- Try Parking It Website Assistance
- Employer Transportation Coordinator Assistance and Training
- Outreach Event Participation

Travel Demand Management Program Contacts

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