2015 OZONE SEASON 8-Hour Ozone Exceedance Days



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 for the revised ozone standard of 75 ppb.

= Additional level orange exceedance days under the revised standard that were not exceedances under the previous 84 ppb standard. (AQI level orange = 76-95 ppb) ^Not a full year of data, current as of 9/09/2015

Source: TCEQ, <u>http://www.tceq.state.tx.us/cgi-bin/compliance/monops/8hr_monthly.pl</u> 1 ppb = parts per billion 1

2015 OZONE SEASON 8-Hour Ozone Historical Trends



¹Attainment 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 8-hour average ozone concentration) is equal to or less than 75 parts per billion (ppb).

^Not a full year of data. Current as of 9/09/2015.

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2015 OZONE SEASON References

For Technical Information:

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Jody Loza Air Quality Planner jloza@nctcog.org 817-704-5609 Pamela Burns DFW Clean Cities Coordinator Communications Supervisor <u>pburns@nctcog.org</u> 817-704-2510

Air North Texas: <u>www.airnorthtexas.org</u> NCTCOG Ozone Updates: <u>www.nctcog/ozone</u>

Average Annual Hours of Delay per Auto Commuter Source: TTI 2015 Urban Mobility Scorecard



Average Annual Hours of Delay per Auto Commuter Source: TTI 2015 Urban Mobility Scorecard



Statewide Proposition 7 Position Statement

Regional Transportation Council September 10, 2015



Amanda Wilson, AICP North Central Texas Council of Governments

Statewide Proposition 7

SJR 5 Proposes a Constitutional Amendment that will Appear on the November 3, 2015, Ballot:

Statewide Proposition 7

"The constitutional amendment dedicating certain sales and use tax revenue and motor vehicle sales use and rental tax revenue to the state highway fund to provide funding for nontolled roads and the reduction of certain transportation-related debt."

Statewide Proposition 7

Transportation Funding Constitutional Amendment

- Must be Approved by Voters
- \$2.5B of State Sales Tax Per Year to the State Highway Fund, Exceeding \$28B, Beginning September 2017 (FY18)
- 35% of Motor Vehicle Sales Tax Per Year, Exceeding \$5B, Beginning September 2019 (FY20)
- Revenue for Non-tolled Roadways

Transportation Revenue Outlook

	Priced	Transit	Estim	ated Sta	atewide	Revenu	ıe (in bi	llions)
Revenue Source	Facility Use	Use	2015	2016	2017	2018	2019	2020
Prop. 1	No	No						
End Diversions	Yes	No						
Sales Tax*	No	No						
Excise Tax*	No	No						
	Т	otal Revenue	\$1.74	\$1.81	\$1.79	\$4.84	\$4.84	\$5.53

* Pending voter approval

Action Requested

Approve the Statewide Proposition 7 Position Statement Supporting Transportation Funding as Shown in the Reference Item.

Direct Staff to Provide to Cities and Counties in the Dallas-Fort Worth Region a Template Resolution Supporting Proposition 7.

Communicate the RTC's Support of Proposition 7 to Advocacy Groups Working to Pass the Measure.

Contact Information

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www.nctcog.org/trans/legislative

COLLIN COUNTY FUNDING PARTNERSHIP PROPOSAL

Regional Transportation Council September 10, 2015



Chris Klaus, Senior Program Manager Air Quality Planning & Operations NCTCOG Transportation Department

LIRAP/LIP PROGRAM SUMMARY

Low-Income Repair & Replacement Assistance (LIRAP)

Repairs or Replaces Vehicles That Fail the Emissions Test or Are > 10 Years Old

Assistance Provided Through Vouchers Up to \$600 for Repairs, Up to \$3,500 for Replacements

Funded by \$6 Inspection Fee Collected in Participating Counties Marketed as AirCheckTexas Drive a Clean Machine Program

Local Initiatives Projects (LIP)

Funds Various Air Quality Initiatives Remote Sensing Programs Smoking Vehicle Programs Coordinated Efforts with Regional Emissions Enforcement Programs and Emissions Task Forces Transportation System Improvement Programs

COLLIN COUNTY LIRAP/LIP HISTORY

Collin County Initiated Process to Opt Out of LIRAP/LIP April 21, 2014: Collin County Commissioners Court approved the County to withdraw from LIRAP/LIP, which began a lengthy rulemaking process by the TCEQ

84th Texas Legislature Restored LIRAP/LIP Funding While Collin County continued the process to stop participating in LIRAP/LIP, full funding was restored to the programs

Collin County Concerned about Utilizing LIRAP/LIP Funds Collin County has traditionally been a "donor" county for LIRAP Collin County not interested in utilizing LIP funds

TCEQ – Texas Commission on Environmental Quality

PARTNERSHIP PROPOSAL

Trade Funds

Exchange a portion of Collin County LIRAP/LIP funds for CMAQ funds and TDCs

Utilize Collin County LIRAP/LIP Funds

Share Collin County LIRAP/LIP funds with other participating counties in Dallas-Fort Worth nonattainment area for eligible air quality initiatives

Review in One Year

Assess partnership in one year to determine future continuation and/or participation amounts

FUNDING AVAILABLE

Collin County LIRAP/LIP Funding: Fiscal Year 2016

Program	Funding Available	Match Required
LIRAP	\$2,661,606	None
LIP	\$ 295,474	50% ¹
Total Funds	\$2,957,080	

Partnership Proposal

Program	Proposed Funding to "Trade"	Match Required
CMAQ Partnership	\$1,500,000 ²	None ³

¹20% match required for emissions enforcement programs; other programs are 50% ²Proposed Funding = LIP funding + LIRAP funding estimated to not be spent in Collin County (based on historical utilization rates) + additional amount to round up to \$1,500,000 ³TDCs to be used as match for CMAQ funds (300,000 in TDCs)

PROPOSED SCHEDULE

Action	Anticipated Date
Collin County Approved Partnership Concept	July 20, 2015
STTC Action	August 28, 2015
RTC Action	September 10, 2015
Collin County Solicits Potential Projects	September 11, 2015
Collin County Selects Eligible Projects	October 12, 2015
Collin County/NCTCOG Submits TIP Modification	October 23, 2015

PROPOSED ACTION

Staff Recommends Approval of:

Funding Partnership with Collin County utilizing LIRAP/LIP funds in exchange for \$1.5 million CMAQ funds and TDCs

CONTACT INFORMATION

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MPO REVOLVER FUND AND PARTNERSHIP WITH DALLAS COUNTY

REGIONAL TRANSPORTATION COUNCIL SEPTEMBER 10, 2015



North Central Texas Council of Governments

Transportation Department

BACKGROUND

Federal rules require that North Central Texas Council of Governments (NCTCOG)/Regional Transportation Council (RTC) pay for expenses associated with regular programs before federal reimbursement can occur.

Since the RTC does not have significant local funds available to pay those bills first, a solution is needed.

RTC/Local funds have been used historically, but as RTC/Local funds are spent down, another option must be developed.

The MPO Revolver Fund solution provides cash flow to regional programs and projects.

BACKGROUND CONTINUED

In July 2014, the Texas Transportation Commission (TTC) approved the exchange of 100 million Transportation Development Credits (TDCs) for \$10 million in Category 12 funds.

The Category 12 funds would be placed on projects with existing local funds. Then, the local funds would be sent to RTC/NCTCOG to create the Revolver Fund.

In August 2014, the RTC approved staff to negotiate a transfer of up to 150 million in TDCs to other MPOs (50 million) and/or TxDOT (100 million), contingent on RTC approval of the final transfer.

SUMMARY OF CHANGES DUE TO MPO REVOLVER PARTNERSHIP

Projects	Prop 1	Cat 12	RTR	Local Funds	Total Change by Project
	In \$ Millions				
SH 352	+6.060	+2.015		-2.015	6.060
Pleasant Run Road ¹			+2.940 +4.000 ²	-4.000 ²	2.940
Southern Gateway		+4.000 ²	-4.000 ²		0.000
Total Change by Category	6.060	6.015	2.940	-6.015 ³	9.000

Notes:

¹\$7.060M in existing RTR funds, plus \$2.940 M to close the funding gap
²\$0.592M will be needed if the TAP funding is received, thereby reducing the \$4M to \$3.408M in local funds available for the partnership
³Revenue for the MPO Revolver



A three-party exchange needed in order to secure the dollars for the MPO Revolver Fund.



ACTION REQUESTED

Recommend approval of:

Funding allocations/transfers identified on slides 5-7 as a result of the MPO Revolver Fund creation

Creation of the MPO Revolver with an initial balance of \$5.423M to \$6.015M

Administratively amending the Transportation Improvement Program (TIP)/Statewide TIP and other necessary administrative documents

Staff requests that other agencies consider projects that would help secure the remaining \$3.985M to \$4.577M for the Revolver Fund.

PROPOSITION 1 FUNDING PROGRAM, PHASE 2 FY 2016 and FY 2017 FUNDING

Regional Transportation Council September 10, 2015



North Central Texas Council of Governments Transportation Department

OVERVIEW

		Proposition 1 provided \$1.74 billion to the State Highway Fund from the Rainy Day Fund	
Year One (Phase 1)	•	The Dallas-Fort Worth (DFW) Region received ≈\$367.6M in year one (CY 2015)	
		Finalized year one project selection in February 2015	
Years Two/Three (Phase 2)		In July 2015, Texas Department of Transportation (TxDOT) announced the draft allocation of another ≈\$532.01M to the DFW Region:	
		- \$268.10M in FY 2016 - \$263.91M in FY 2017	

IETO



STATEWIDE PROGRAM RULES

Projects must be on the Interstate Highway System or the State Highway System

Traditional roadway projects are eligible

Transit, bicycle/pedestrian, and toll roads are ineligible

PROJECT SELECTION FOCUS AREAS STAFF RECOMMENDATIONS

Projects must be environmentally cleared in time to let in FY 2016 or FY 2017

Projects must be consistent with the Mobility Plan

Maintain sensitivity to existing projects with funding shortfalls

Continued focus on capacity, rather than maintenance

PROJECT SELECTION FOCUS AREAS EQUITY PRINCIPLES

Staff recommendation seeks to maintain:

- Equitable distribution by county across the five-year period (FY 2015 FY 2019)
- Regional east-west equity

ANTICIPATED REVENUE IN FY 2016 and FY 2017

Year two revenue was announced by TxDOT in July 2015

Funding Allocations \$ in Millions					
FY 2016	FY 2017	Total			
\$268.10	\$263.91	\$532.01			

Anticipate approval of year two allocations by TxDOT in November 2015

Proposition 1 Projects - FY 2015



Proposition 1 Projects - FY 2015 and 2016



Proposition 1 Projects - FY 2015, 2016, and 2017



Proposition 1 Projects - FY 2015, 2016, 2017, and 2018



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Proposition 1 Projects - FY 2015 - 2019




ITEMS PENDING FURTHER REVIEW

- Continue to seek Regional Toll Revenue/ Proposition 1 Partnerships with Dallas and Collin counties
- Consider utilization of Proposition 7 funds on some projects (assumes a successful election in November 2015)
- Continue to constrain the list of projects to the draft allocation
- Receive public review and comment on the FY 2016 and FY 2017 projects



PHASE 2 PROJECTS TIMELINE

April – August 2015

July 2015

NCTCOG and TxDOT Coordination on Projects

TxDOT released Proposition 1 Allocations for FY 2016 and FY 2017

August 2015 STTC Information

September 2015 Public Meetings RTC Information STTC Action

October 2015

RTC Action

November 2015 + Submit Proposition 1 Projects to TxDOT Inclusion in the 2015-2018 and 2017-2020 TIP/STIP

QUESTIONS/ CONTACT INFORMATION

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TOLL MANAGED LANE DATA MONITORING

Regional Transportation Council

September 10, 2015

Natalie Bettger



North Central Texas Council of Governments Transportation Department

Near Term Managed Lane System Openings



TOLL MANAGED LANE DATA MONITORING

Cumulative December 2013 – July 2015

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

\$200,705 as of July 2015

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

\$463.61 from October 2014 - July 2015

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

For now, it remains 2+ until the June 1, 2016 on or before date, 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 – July 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	\$150,533	Negligible	0
 LBJ Express IH 635 from Preston Road to Greenville Avenue IH 35E from Loop 12 to IH 635 	\$50,172	Negligible	0
DFW Connector SH 114 from Kimball Avenue to Freeport Parkway	N/A	Negligible	0

* Events found to be the responsibility of the facility operator. There have been a few instances where the speeds have dropped below 35 mph due to weather or other events out of the control of the operator.

DFW CONNECTOR PILOT PROGRAM



North Central Texas Council of Governments

Transportation Department

Regional Transportation Council September 10, 2015 Ken Kirkpatrick, Counsel for Transportation



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)

TIMELINE

- April 7, 2014:Managed Lanes Open to Traffic
(Test Period, No Tolls)
- July 7, 2014: Tolls Begin on Managed Lanes (Pay-by-Mail Surcharge = 50%) (e.g., \$1 Toll = \$1.50 Total Charge)
- October 5, 2014: Pay-by-Mail Surcharge Increased to 75%
- January 3, 2015: Pay-by-Mail Surcharge Increased to 90%
- January 3, 2015: Dynamic Tolling Began
- July 2015: Review Pilot Data

PAY BY MAIL TRANSACTIONS %

Month	DFW Connector	NTE
Jul-2014	36.7	_
Aug	35.6	_
Sep	34.1	
Oct	33.4	38.5
Nov	34.2	38.4
Dec	32.6	36.8
Jan-2015	32.2	35.3
Feb	31.1	35.5
Mar	31.7	35.6
Apr	30.4	35.2
May	30.5	36.2
Jun	30.8	36.4
Jul	30.1	37.7

PRELIMINARY DATA/OBSERVATIONS

July 2014 – July 2015:

Overall Transactions are Increasing

Pay-by-Mail Transactions are Decreasing

Preliminary Results are Positive

Continue Pilot, Review Communication to Users on Surcharge Increases



COMMUNITY SCHOOLS AND TRANSPORTATION PROGRAM

Regional Transportation Council

September 10, 2015 Karla Weaver, AICP



North Central Texas Council of Governments

Independent School Districts and Cities



- Note that the second sec
- » 1,994 PublicK-12 Schools

Demographics – 12-County MPA

2013:

- » 12-County Population:6.6 Million
- » 5-17 Age Group:1.3 Million

2040:

» 12-County Population: 10.7 Million



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All Other Ages
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Sources: 2013 - American Community Survey, and 2040 – NCTCOG Demographic Forecast

Previous Initiatives

2010	2011	2012	2013	2014	2015
Regiona Kickoff Meeting	McKin	ney/ Scho Siting	ol Sch Poli e Ado r and Mee of on/	nool Grar icy Awa option	nt Kickoff

RTC School Policy

Active Transportation:

Advocate for:

- Safe Routes to School program
- Precious Cargo program
- Transportation Alternatives Program

Outreach & Engagement:

- Engage middle school students to design the cover of Progress North Texas
- Advocate for Science, Technology, Engineering, and Mathematics (STEM) fields



School Siting:

- Pilot school siting programs
- School bus stop coordination
- Technical assistance for school districts

Air Quality:

- RTC Clean Fleet Vehicle Policy
- Clean school bus programs
- Energy audit programs
- Vehicle idling-reduction programs
- Air quality-friendly contracting initiatives

Community Schools and Transportation Program (TIGER Grant)



Encourage **coordination** between ISDs, local governments, and transportation agencies.



Advance long-term planning for school siting.



Improve transportation safety near schools.



Promote multi-modal transportation options to schools.

Community Schools and Transportation Program



Interagency Coordination

- » Encourage collaboration of elected officials at municipalities and ISDs.
- » Create a Regional Working Group of technicians.
- » Coordinate ISD facility planning, city comprehensive plans and Capital Improvement Plans.
- » Work to integrate school transportation into city thoroughfare planning and regional transportation planning.
- » Coordinate to remove policy barriers to the development of sustainable schools.

Community Schools and Transportation Program



- » Review state and national policies related to school siting and land banking.
- » Research landbanking programs and best practices.
- » Coordinate ISD, city, and regional demographic projections.

Community Schools and Transportation Program



Transportation Safety

- » Conduct safety audits at pilot schools sites.
- » Develop recommendations for pedestrian and bicycle safety around various schools.
- » Create a bilingual pedestrian and bicycle safety education program, and transportation safety information guide.

Community Schools and Transportation Program



- » Coordinate discussions between transit agencies and schools related to bus schedules and routes.
- » Analyze alternative transportation connections, and ways to alleviate traffic congestion around pilot schools.
- » Implement other **pilot planning projects**.

Next Steps

- » RTC Workshop: October 8, 2015, 10:30 am 12 pm
- » Develop Process for Ongoing Meetings/Conversations Between Municipal and ISD Elected Officials
- » Creation of a Technical Regional Working Group
- » School Siting Research and Reports
- Identification and Implementation of Pilot Planning Projects

Information and Participation

RTC Workshop

Regional Working Group meetings

Surveys

Website

www.nctcog.org/schools



Contacts

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www.nctcog.org/schools

Managed Lane Auto-Occupancy Verification



North Central Texas Council of Governments

Transportation Department

Regional Transportation Council September 10, 2015 Ken Kirkpatrick, Counsel for Transportation

Managed Lane Auto-Occupancy Verification

RTC Policy

HOV Discount of 50% During Peak Period for HOV 2+

- Current: Manual Enforcement of HOV Discount With Technology Support
- Future: Utilize More Advanced Technology Over Time

Joint TxDOT/RTC Initiative to Procure Technology Solution

Automated occupancy verification, seamless to user

Request for Offers:

Issued May 2015 Proposal are Being Evaluated (RTC staff representation) Anticipate TxDOT Award Early Fall