



Mobility 2035 and Air Quality Conformity

Public Meetings
March 14 and 15, 2011

What is the Metropolitan Transportation Plan?

- ▶ Represents a Blueprint for a Multimodal Transportation System

- ▶ Responds to Goals

 - Mobility

 - Quality of life

 - System sustainability

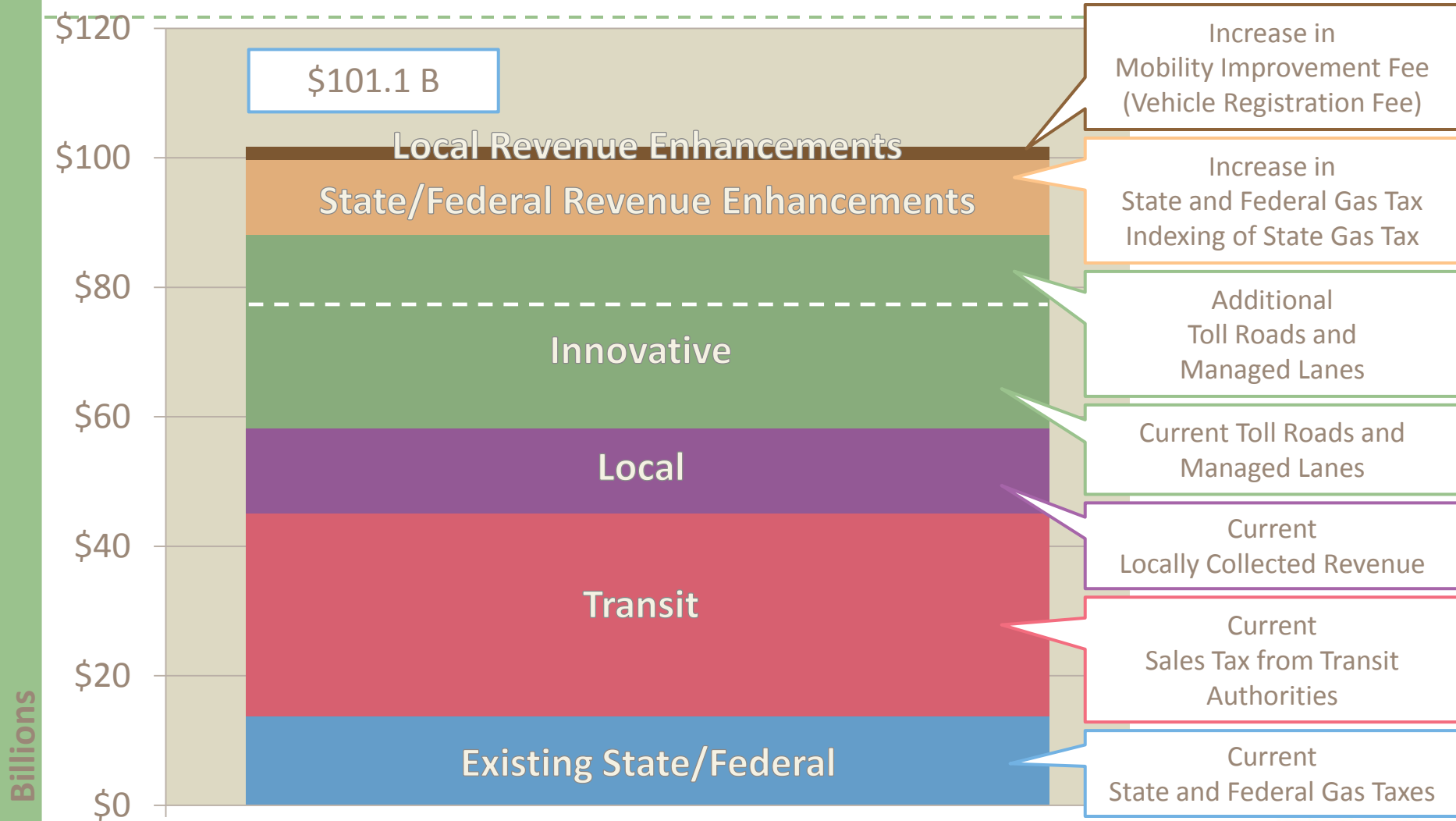
 - Implementation

- ▶ Identifies Policies, Programs, and Projects for Continued Development

- ▶ Guides Expenditures for Federal and State Funds

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Revenue Sources



Billions

Costs are adjusted for "total project cost" and "year of expenditure" consistent with SAFETEA-LU planning requirements. "Actual Dollars" reflects the effect of inflation over time.



Prioritization of Improvements

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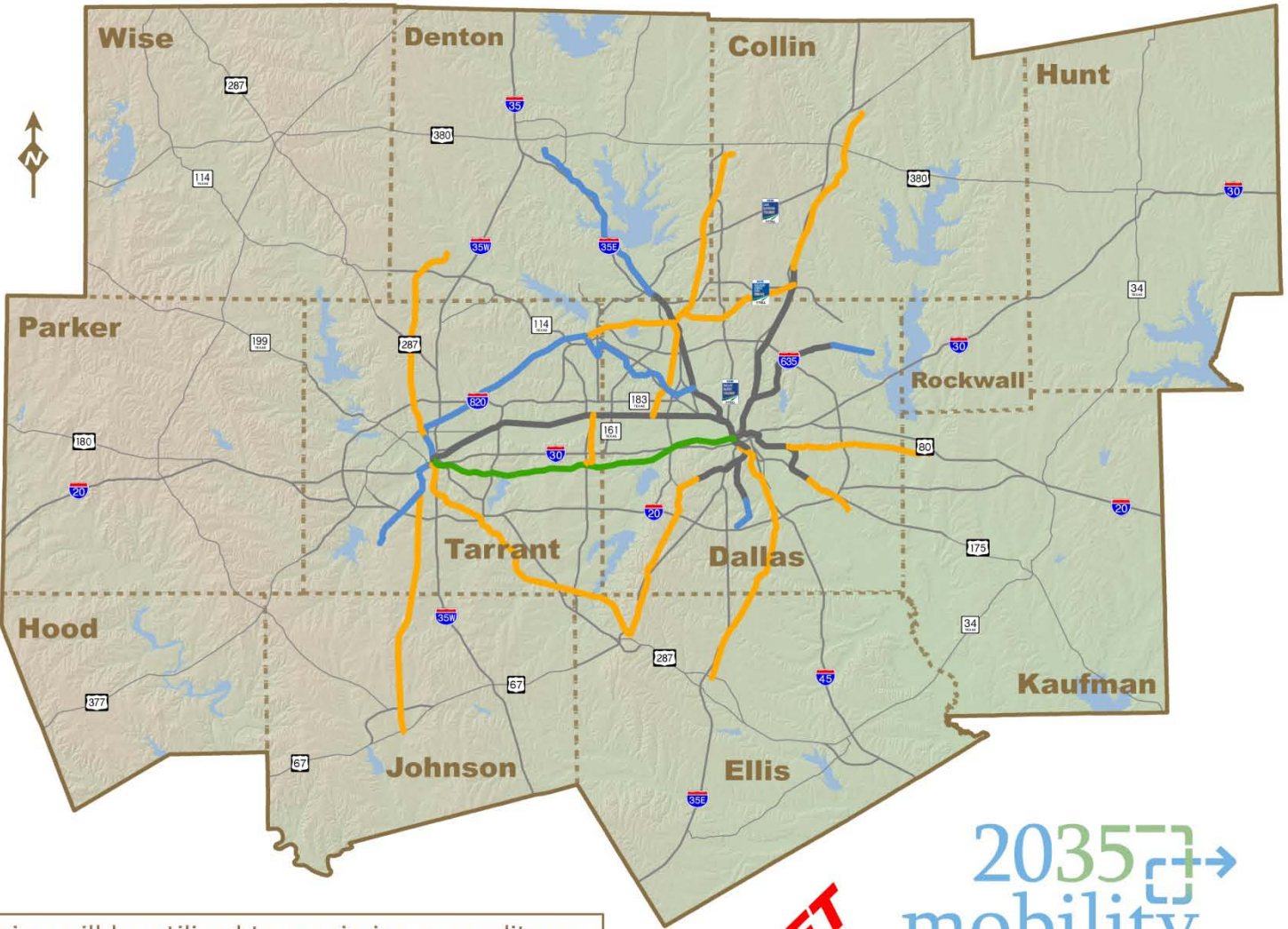
Maximize Existing System	Infrastructure Maintenance <ul style="list-style-type: none"> • Maintain & Operate Existing Facilities • Bridge Replacements 	\$27.3
	Management and Operations <ul style="list-style-type: none"> • (ITS, TSM, TDM, Bicycle & Pedestrian) • Improve Efficiency & Remove Trips from System 	\$4.8
	Growth, Development, and Land Use Strategies More Efficient Land Use & Transportation Balance	\$3.9
Strategic Infrastructure Investment	Rail and Bus Induce Switch to Transit	\$18.9
	HOV/Managed Lanes Increase Auto Occupancy	\$46.2
	Freeways/Toll Roads and Arterials Additional Vehicle Capacity	
Mobility 2035 Expenditures (Actual \$, Billions)		\$101.1

Funded Rail Recommendations*

Legend

Funding Sources

- Public
- Public and Private
- HSR/Regional Rail Integrated Corridor**
- Major Roads
- Completed Projects



Project staging and phasing will be utilized to maximize expenditures.

*Local option revenue may be allocated to passenger rail and/or other transportation projects within each county.

**See High Speed Rail map for additional inter-region rail access

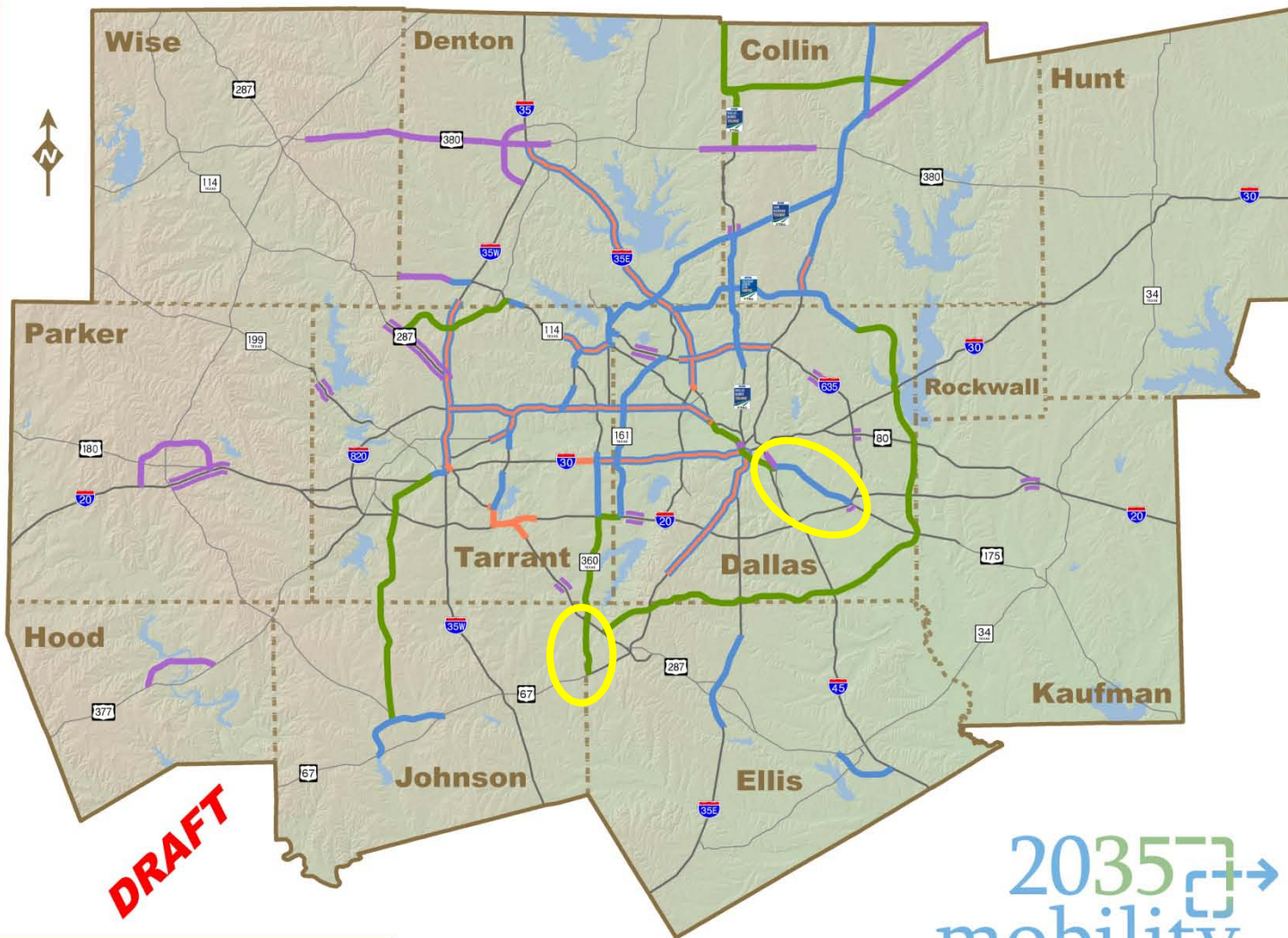
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Funded Roadway Recommendations

Legend

-  New Tollways
-  Additional Capacity to Existing Roads
-  Improvements to Existing Freeway and HOV/Managed Lanes
-  HOV/Managed Lanes
-  Selected New / Improved Regionally Significant Arterials / Frontage Roads
-  Major Roads

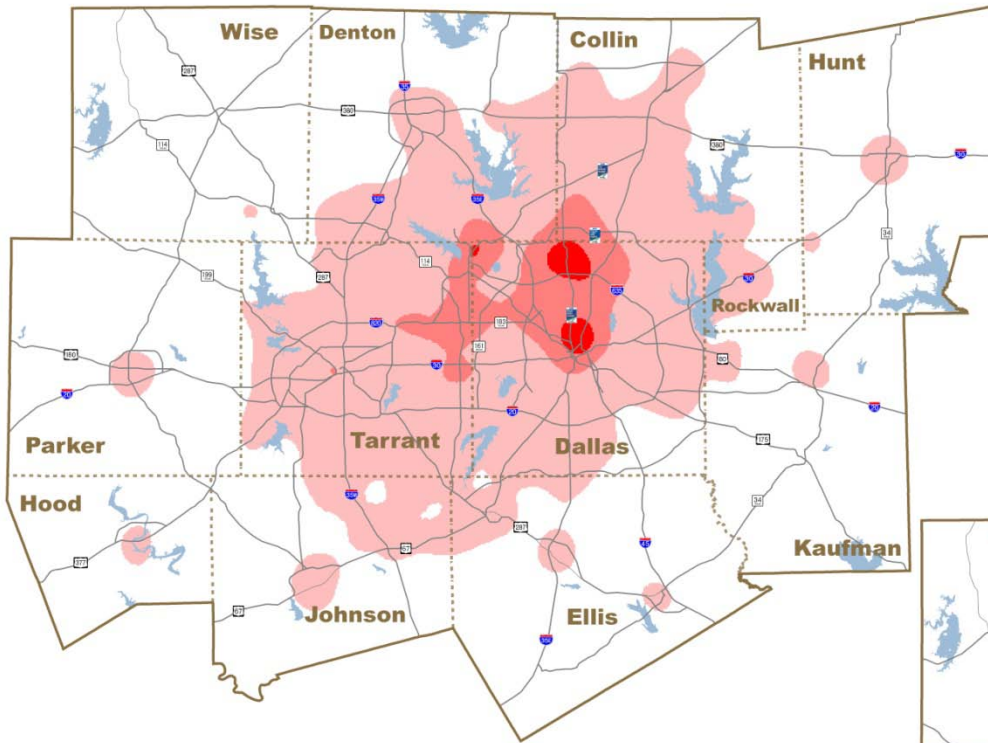


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Roadway improvements are based on the assumptions that Statewide Enhanced dollars go toward capacity improvements rather than maintenance. Local option revenue allocated to passenger rail and/or other transportation projects within each county.

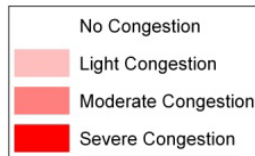


2012 Congestion Levels

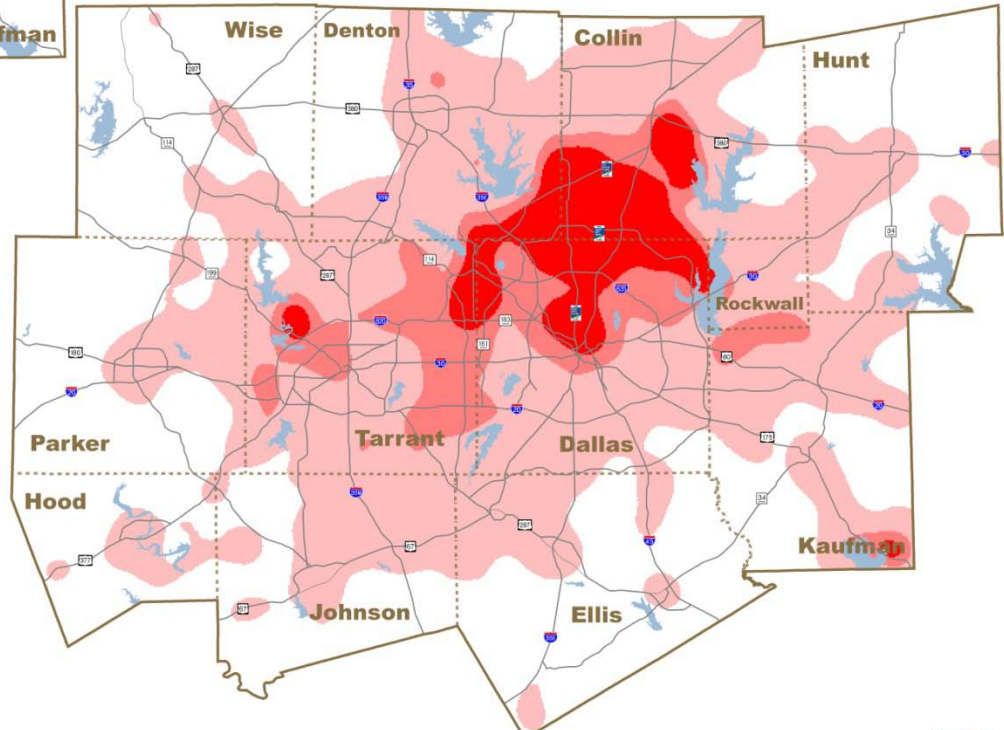


Cost of Congestion \$4.5 Billion Annually

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2035 Future Congestion Levels



Cost of Congestion \$10.1 Billion Annually

2011-2014 TIP Document Updates

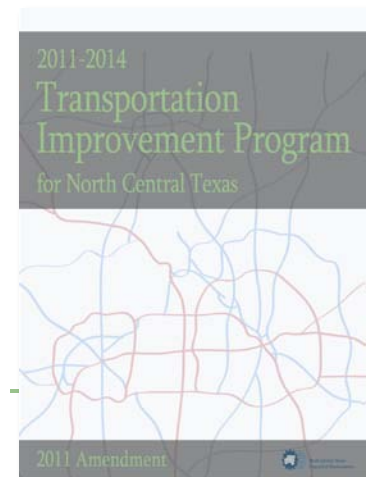
Transportation Improvement Program

- ▶ Provides Staged Implementation of Near Term Projects
- ▶ Outlines Transportation Funds for 4-Year Cycles

TIP Document Modifications Include

- ▶ Updates to Projects with New Mobility 2035 Plan References
- ▶ Updates to 2011-2014 Chapters and Appendices with New Conformity and 2035 Plan Language
- ▶ Updates to Projects Scope and/or Limits to Ensure Plan and TIP Consistency
- ▶ Deferred Projects Not Included in Plan

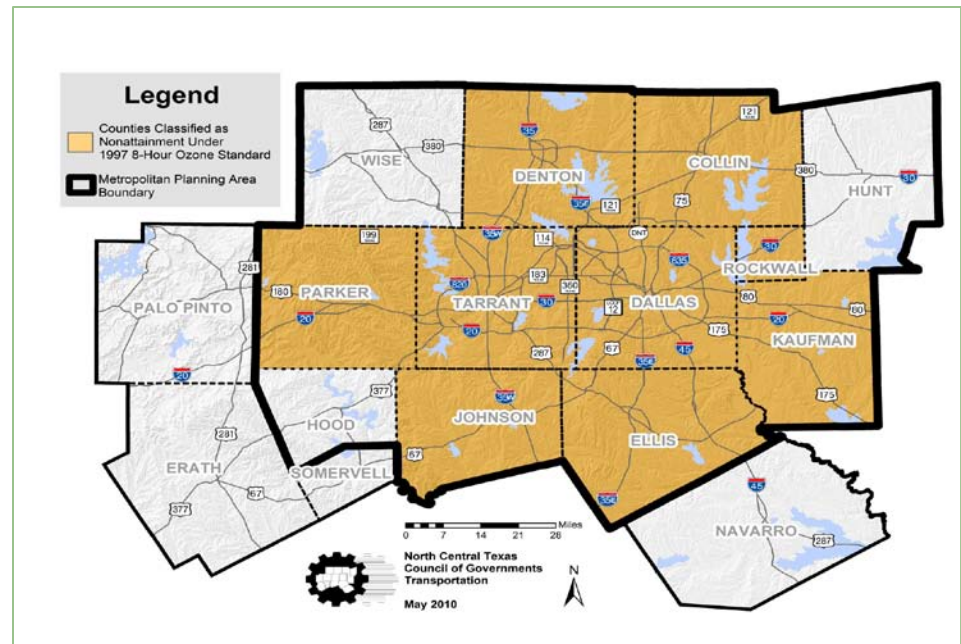
<http://www.nctcog.org/trans/tip/>



Air Quality Conformity Analysis

Purpose

- ▶ Demonstrates that Projected Emissions From Transportation Projects are Within Emission Limits Established in the State Implementation Plan
- ▶ Ensures Federal Funding and Approval is Applied to Transportation Projects that are Consistent with Air Quality Planning Goals

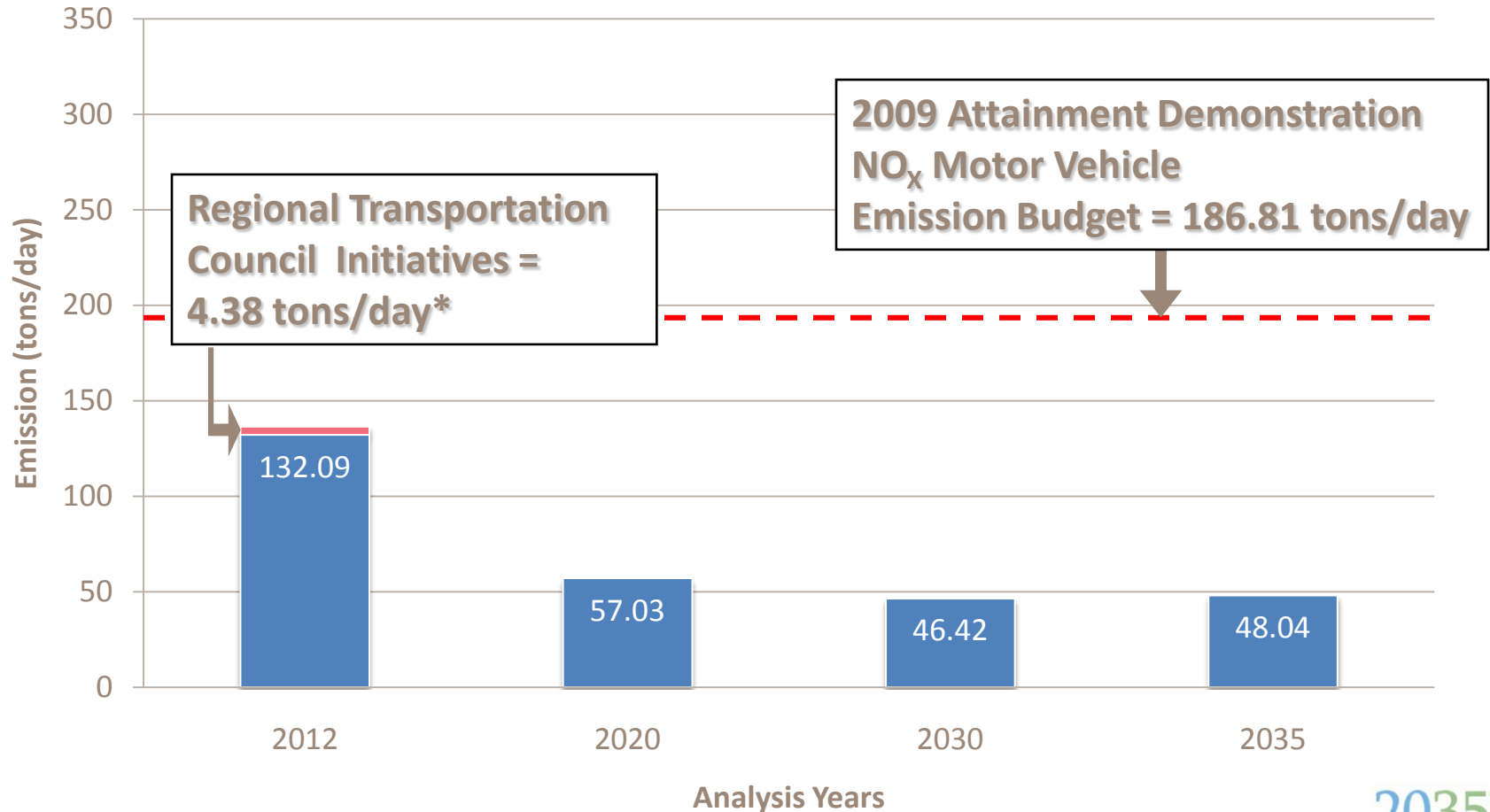


<http://www.nctcog.org/trans/air/conformity/>

Air Quality Conformity Analysis

Emissions of Nitrogen Oxides (NO_x)

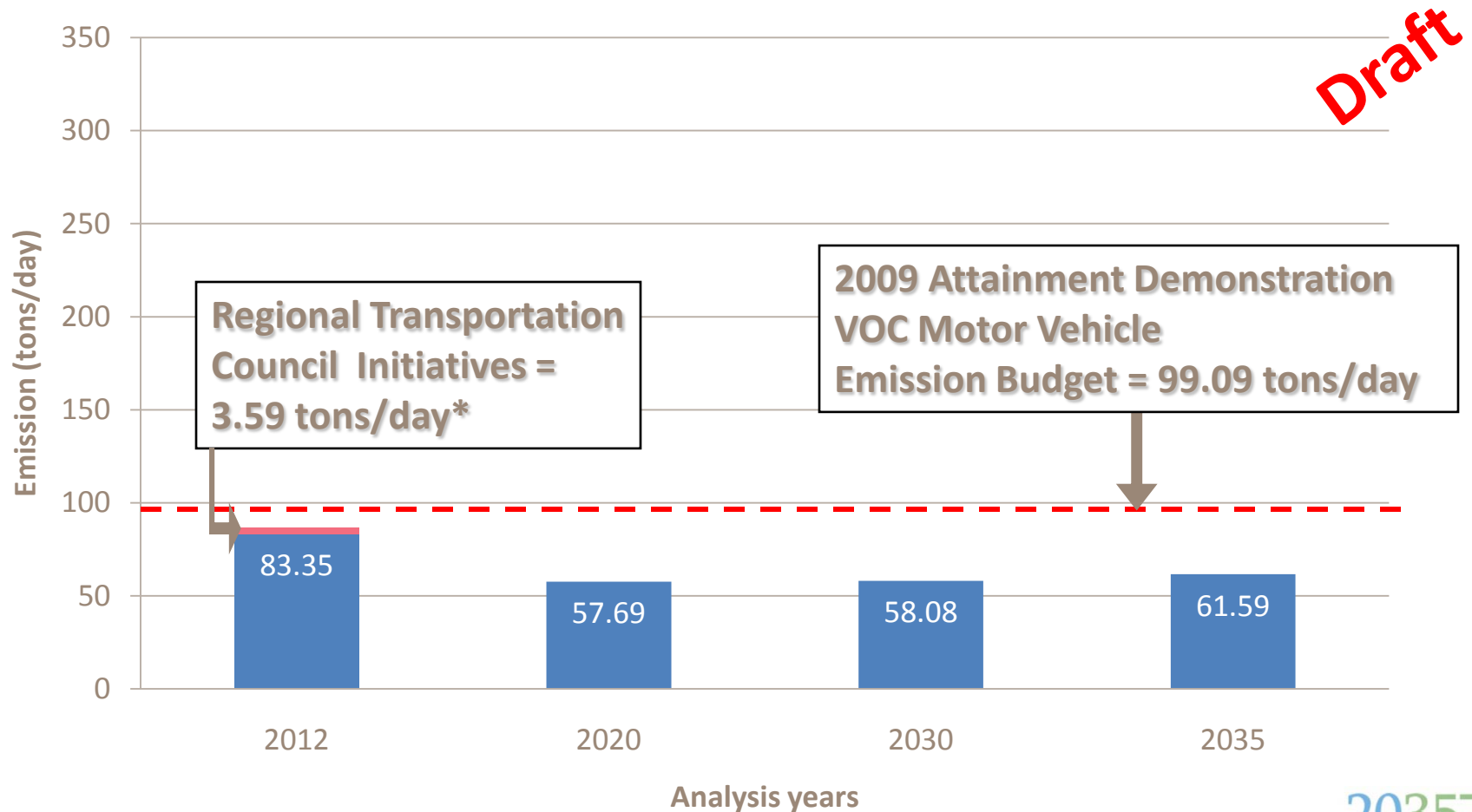
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*Local Initiative Benefits Shown Represent Post Processed Estimates

Air Quality Conformity Analysis

Emissions of Volatile Organic Compounds (VOC)



*Local Initiative Benefits Shown Represent Post Processed Estimates

Environmental Justice*

Environmental justice assessment was performed on Mobility 2035 roadway and transit recommendations according to federal guidelines
Performance measures include accessibility and mobility criteria

The recommendations of the plan **do not impose disproportionately high impacts to protected populations**

*Executive Order 12898 signed in 1994

Schedule

Meeting	Date
Public Meetings (3)	January 6, 11 and 12, 2011
RTC Meeting (Information Item)	January 13, 2011
STTC Meeting (Information Item)	January 28, 2011
Public Meetings (3)	February 8, 15 and 16, 2011
RTC Meeting (Information Item)	February 10, 2011
STTC Meeting (Action Item)	February 25, 2011
RTC Meeting (Action Item)	March 10, 2011
Public Meetings (3)*	March 14 and 15, 2011
Executive Board Meeting	March 24, 2011
RTC Meeting*	April 14, 2011
Air Quality Conformity Determination	June 2011**

*Review of RTC adopted recommendations.

Public Comments, if any, will be presented to RTC in April.

**Expected approval of Air Quality Conformity by FHWA and FTA

Contact Information

To find out more about Mobility 2035, please visit us at:

www.nctcog.org/mobility2035 or e-mail: mobilityplan@nctcog.org

Mobility 2035: The Metropolitan Transportation Plan for North Central Texas

Dan Lamers, P.E.

Senior Program Manager

817.695.9263 or dlamers@nctcog.org

Chad Edwards

Program Manager

817.608.2358 or cedwards@nctcog.org

2011-2014 Transportation Improvement Program – 2011 Amendment

Christie Jestis

Senior Program Manager

817.608.2338 or cjestis@nctcog.org

Adam Beckom, AICP

Senior Transportation Planner

817.608.2344 or abeckom@nctcog.org

2011 Transportation Conformity

Chris Klaus

Senior Program Manager

817.695.9286 or cklaus@nctcog.org

Madhusudhan Venugopal, P.E.

Senior Transportation Planner

817.608.2333 or mvenugopal@nctcog.org

