



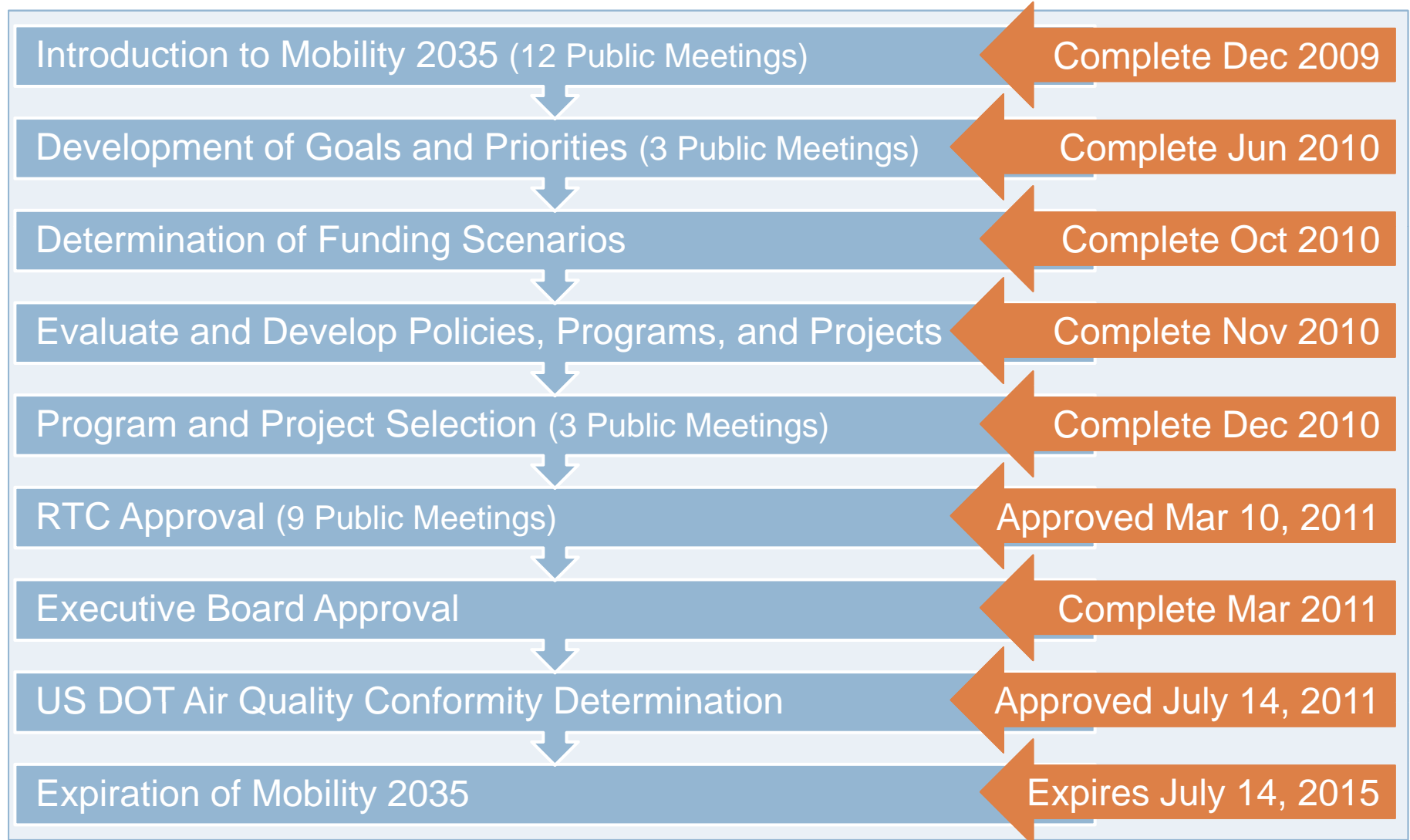
**FEDERAL APPROVAL OF THE AIR QUALITY  
CONFORMITY DETERMINATION  
FOR MOBILITY 2035**

North Central Texas  
Council of Governments

Public Meetings: Dallas, Burleson, and Allen  
August 9 and 10, 2011

# Development Process

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# What is Mobility 2035?

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- Represents a Blueprint for a Multimodal Transportation System
- Responds to Goals
- Identifies Policies, Programs, and Projects for Continued Development
- Guides Expenditures of Federal and State Funds



# Metropolitan Transportation Plan

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## Major Policy Objectives

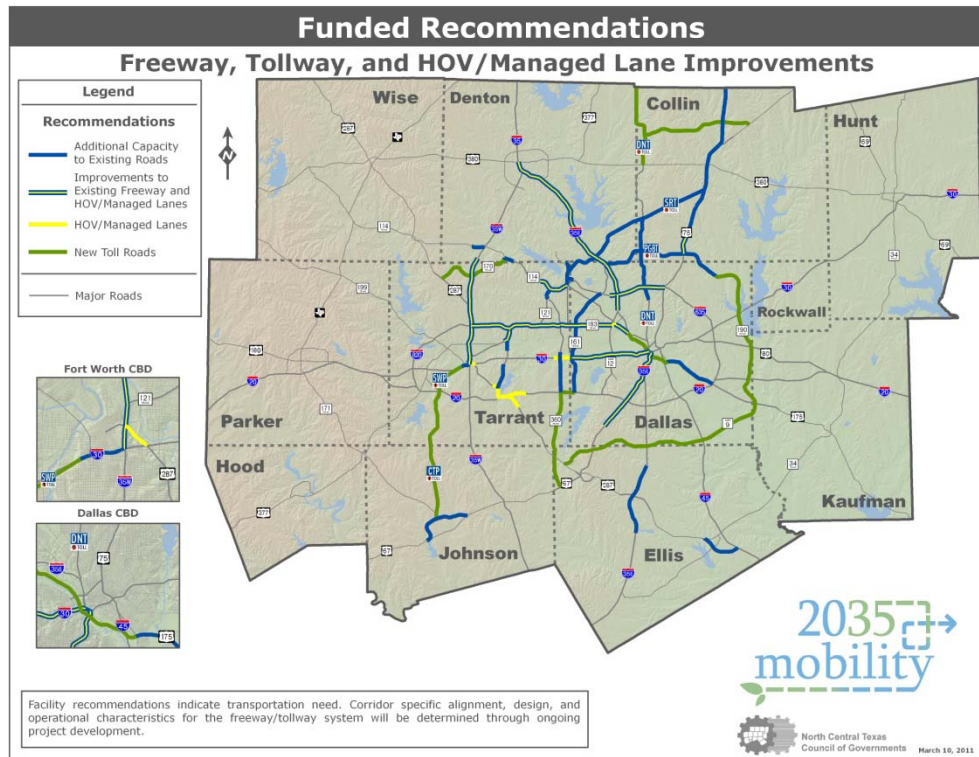
- Needs Exceed Available Revenue
- Can't Build Our Way Out of Congestion
- Maximize Existing System
- Use Sustainable Development Strategies to:
  - Reduce demand on transportation system
  - Provide multimodal options
- Emphasis on Environmental Aspects and Quality of Life Issues of Programs and Projects
- Invest Strategically in Infrastructure

# Prioritization of Improvements

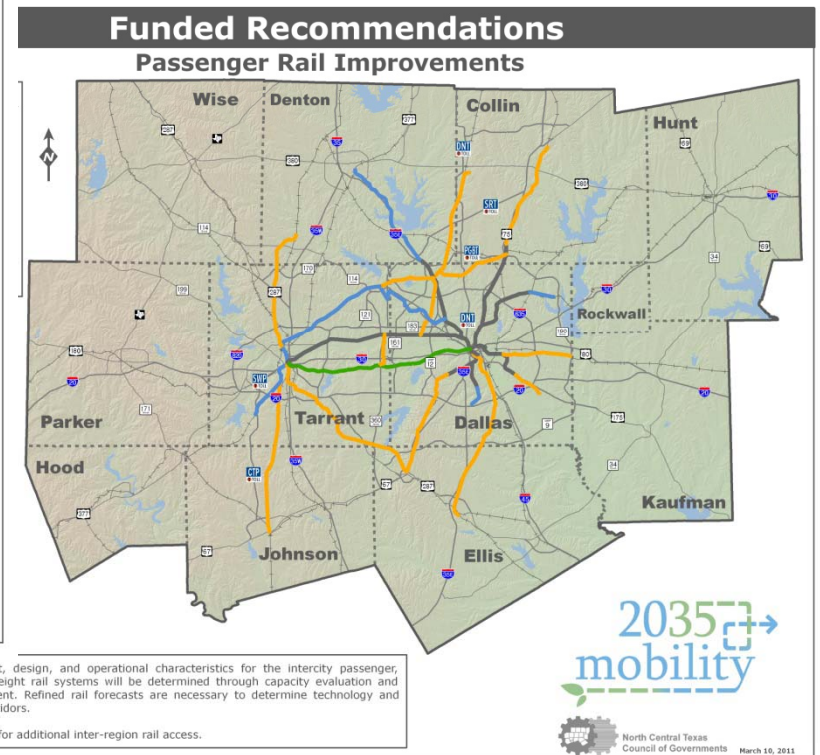
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Maximize Existing System	<b>Infrastructure Maintenance</b> <ul style="list-style-type: none"> <li>Maintain &amp; Operate Existing Facilities</li> <li>Bridge Replacements</li> </ul>	\$27.3
	<b>Management and Operations</b> <ul style="list-style-type: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

# Mobility 2035 Recommendations Maps



[www.nctcog.org/trans/mtp/2035](http://www.nctcog.org/trans/mtp/2035)



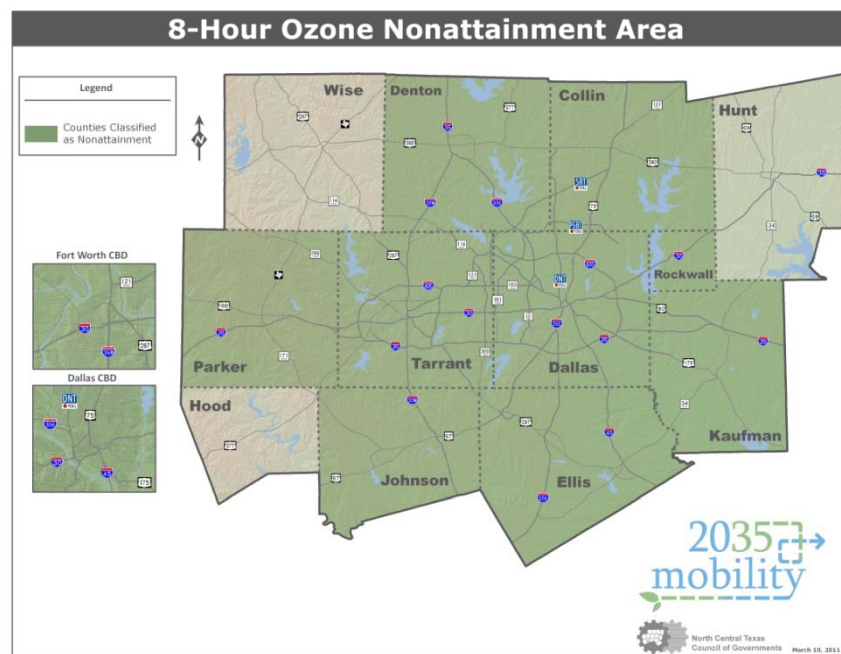
Corridor specific alignment, design, and operational characteristics for the intercity passenger, regional passenger, and freight rail systems will be determined through capacity evaluation and ongoing project development. Refined rail forecasts are necessary to determine technology and alignment in future rail corridors.

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

# Air Quality Conformity Analysis

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- Nine County Region is in Nonattainment for the Pollutant Ozone (Ozone = Nitrogen Oxides and Volatile Organic Compounds)
- Demonstrates that Projected Emissions from Transportation Projects are Within Emission Limits (Motor Vehicle Emissions Budgets) Established in the State Implementation Plan
- Transportation Projects that are Consistent with Air Quality Planning Goals are Eligible for Approval and Federal Funding

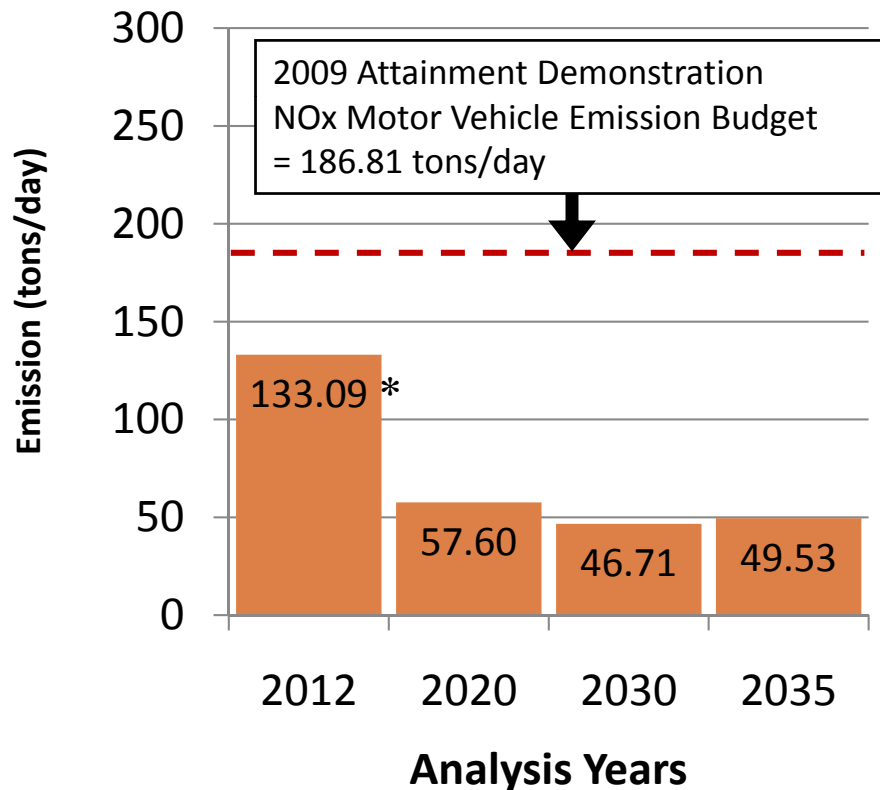


[www.nctcog.org/trans/air/conformity](http://www.nctcog.org/trans/air/conformity)

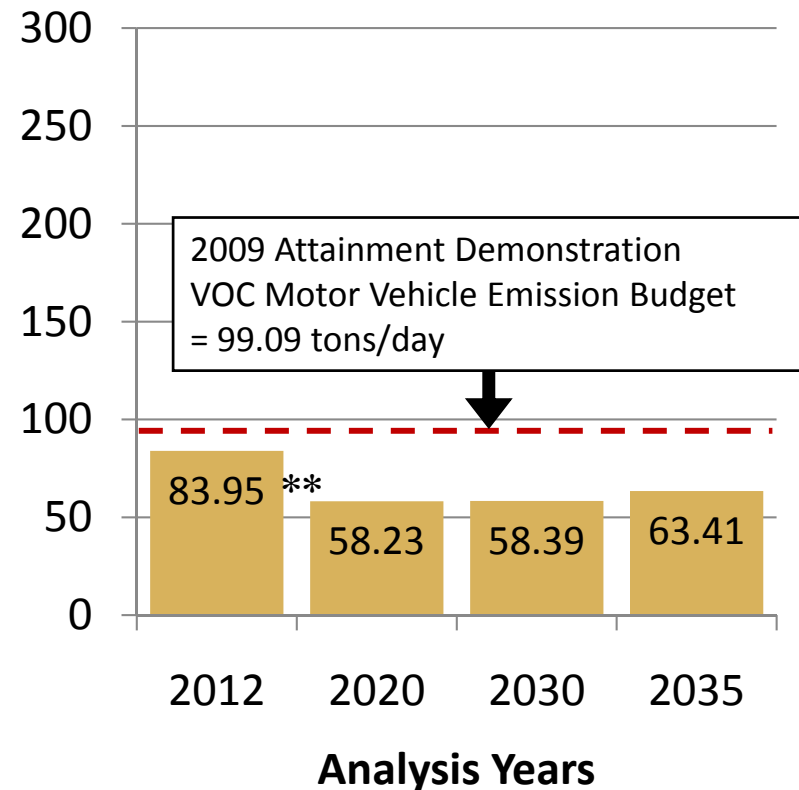
# Air Quality Conformity Analysis

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



## Emissions of Volatile Organic Compounds (VOC)



\*Includes reductions from RTC initiatives of 4.38 tons/day

\*\*Includes reductions from RTC initiatives of 3.59 tons/day

# For More Information

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To find out more about Mobility 2035 and the Air Quality Conformity Analysis, visit us at:

[www.nctcog.org/mobility2035](http://www.nctcog.org/mobility2035)

[www.nctcog.org/trans/air/conformity](http://www.nctcog.org/trans/air/conformity)

or e-mail comments and questions

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

## FACTSheet

August 2011

North Central Texas Council of Governments [nctcog.org/mobility2035](http://nctcog.org/mobility2035)

### Quick Take

**What:**  
*Mobility 2035: The Metropolitan Transportation Plan for North Central Texas*

**RTC Adopted:**  
March 10, 2011

**Significance:**  
Mobility 2035 outlines \$101.1 billion in multimodal transportation solutions for the Dallas-Fort Worth metropolitan area. This long-range plan is financially constrained, which means there is expected to be enough money to fund its projects and programs.

**By the Numbers:**

Infrastructure Maintenance:	\$27.3 billion
Management and Operations Strategies:	\$4.8 billion
Growth, Development and Land-Use Strategies:	\$3.9 billion
Rail and Bus Improvements:	\$18.9 billion
HOV/Managed, Freeway, Tollway, and Arterial Improvements:	\$46.2 billion

Mobility 2035 has a benefit-cost ratio of 1.30. Every dollar spent yields a \$1.30 benefit.

### Moving People with Strategic Investments

**2035 mobility**

Mobility 2035: The Metropolitan Transportation Plan for North Central Texas is the defining vision for the region's multimodal transportation system. Approved by the Regional Transportation Council in March 2011, it identifies \$101.1 billion in transportation improvements between now and 2035. These improvements seek to reduce congestion and improve air quality, which is important because the region has been designated as a nonattainment area for the pollutant ozone.

Federal regulations require metropolitan transportation plans to be financially constrained. This means Mobility 2035 is not a wish list of improvements, but instead an inventory of affordable projects and programs. To meet financial constraint, Mobility 2035 defers nearly \$45 billion worth of improvements over the life of the plan.

Never before has the region experienced such a significant gap between regional mobility needs – which are estimated to be \$395.3 billion through 2035 – and funding for improvements. This has ushered in a new era in the way the region plans for and implements transportation improvements. Mobility 2035 focuses on maximizing the existing transportation system, influencing travel behaviors and making strategic infrastructure investments.

The adoption of Mobility 2035 allows crucial programs and projects that seek to meet the region's transportation goals to move forward to implementation.

Mobility 2035 is the product of a comprehensive, cooperative and continuous planning effort. It will increase mobility, manage congestion, improve air quality and enhance quality of life for the region's residents.

### Mobility 2035 Goals

**Mobility**

- Improve the availability of transportation options for people and goods
- Support travel efficiency measures and system enhancements targeted at congestion reduction and management
- Assure all communities are provided access to the regional transportation system and planning process

**Quality of Life**

- Preserve and enhance the natural environment, improve air quality and promote active lifestyles
- Encourage livable communities which support sustainability and economic vitality

**System Sustainability**

- Ensure adequate maintenance and enhance the safety and reliability of the existing transportation system
- Pursue long-term sustainable revenue sources to address regional transportation system needs

**Implementation**

- Provide for timely project planning and implementation
- Develop cost-effective projects and programs aimed at reducing the costs associated with constructing, operating and maintaining the regional transportation system

