Mobility 2040 and **Passenger Rail Plans** for **Southern Dallas County**

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North Central Texas Council of Governments



Topics

Adopted 2040 Mobility Plan

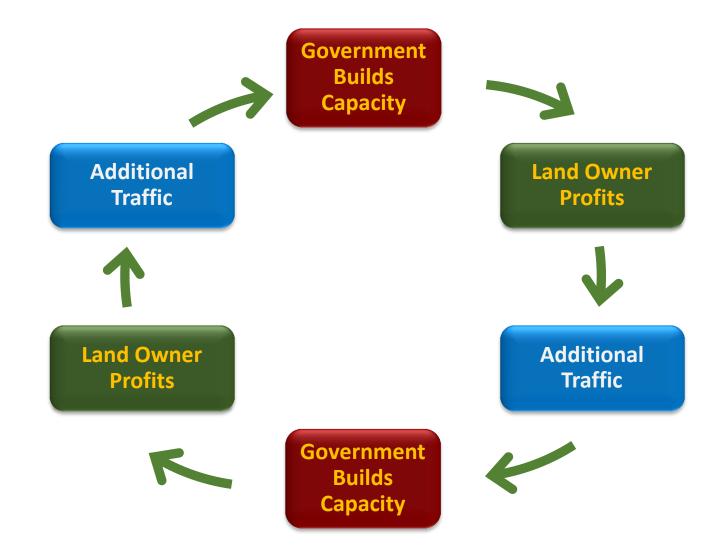


Regional Rail Plans





Traditional Transportation Cycle





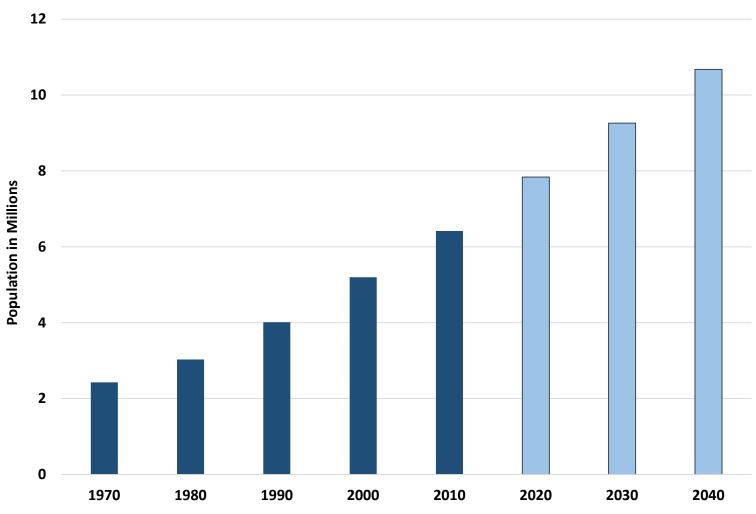


Mobility 2040



Regional Population Growth







Long Range Transportation Plan



Required by Federal Law



Represents a Blueprint for the Region's Multimodal Transportation System



Covers at Least a 20-year Timeframe





Responds to Goals



Identifies Policies, Programs, and Projects for Continued Development



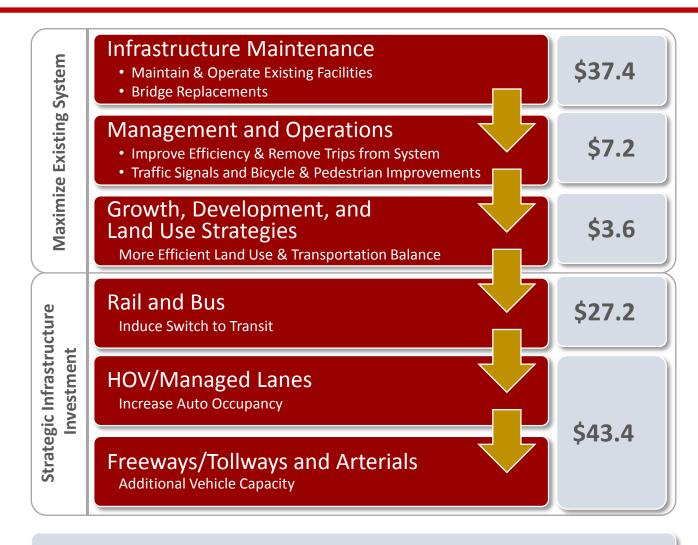


Guides the Expenditure of Federal and State Funds



Prioritization and Expenditures



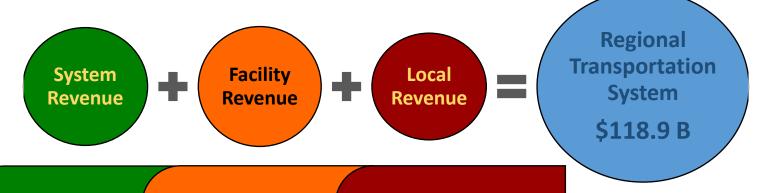




\$118.9*

Funding Basics





- Motor Fuel Taxes
- •Vehicle Registration Fees
- •Other Federal Sources
- •Other State Sources

- Tollroads
- Managed Lanes
- Public/PrivatePartnerships
- •Sales or Special Taxes
- Bond Programs
- •Impact Fees
- Property Taxes
- Value Capture

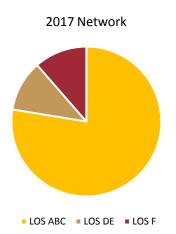


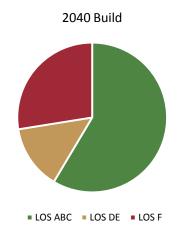
Regional Performance Measures

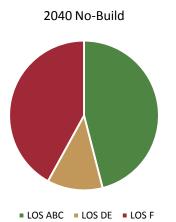


uild
76,844
91,449
19,945
72,454
98,230
98.2%
\$43.9
_

Lane Miles at Level of Service ABC, DE, and F











Regional Rail



Major Transit Corridor Recommendations



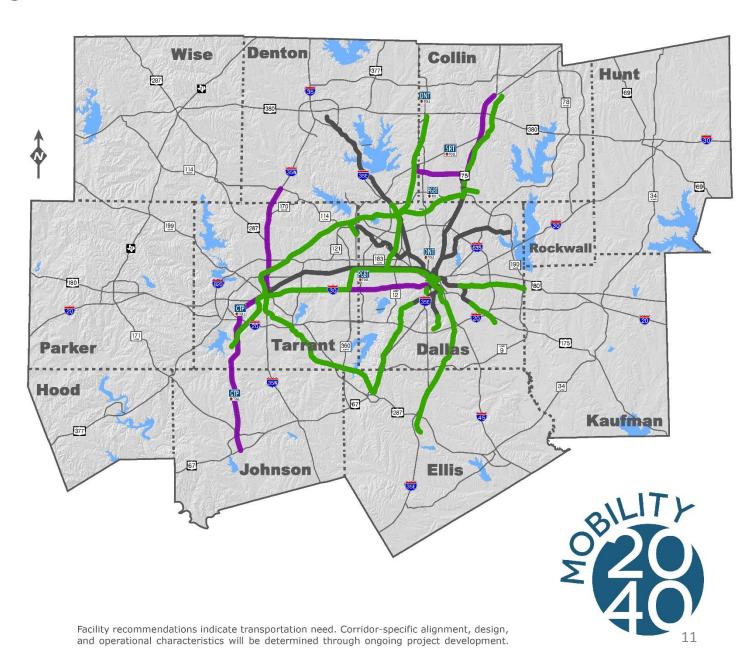




Fort Worth CBD







Transit Modes

High Intensity Bus

- Express Service
- Enhanced Amenities
- Destination Focused
- Defined Stations
- Signal Priority

Regional Rail

- Long Distance Connections
- Shares Track with Freight
- Diesel Engines with Electric Motors





Regional Rail

- New Technology for Region
- Similar to Light Rail
- On-board Power, No Overhead Wires
 - A-Train
 - TEX Rail





DCTA Stadler GTW

TEX Rail Stadler FLIRT



Potential Revenue Sources

- Special District Tax Ability
- Property Tax
 - City
 - County
- Vehicle Registration Fee
- Value Capture
- Federal Transit Administration
- RTC Funds
- RTC Loans
- Sales Tax Extension





Potential Revenue Sources

- TIFIA (or similar mechanism)
- Parking
- Advertising
 - In-vehicle
 - Station
- Fiber Optic Lease
- Naming Rights





Potential Fare Structure

- Fair Fare Structure
- Smart Card Technology Required

Partnership Payment	Lower Fare	_	Higher Fare	Partnership Payments
Student	Low Income		Peak User	Non-Member City User
Elderly	Frequent User	Average Fare	Special Destination	Special Functions
Unemployed	Off-Peak		Parking Space Use	Ozone Alert Response
Medical			Longer Distance	

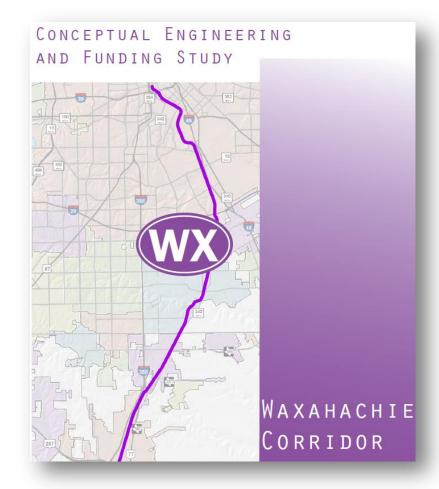


Waxahachie Corridor

Conceptual Engineering and Funding Study

November 2010

Stakeholder Outreach

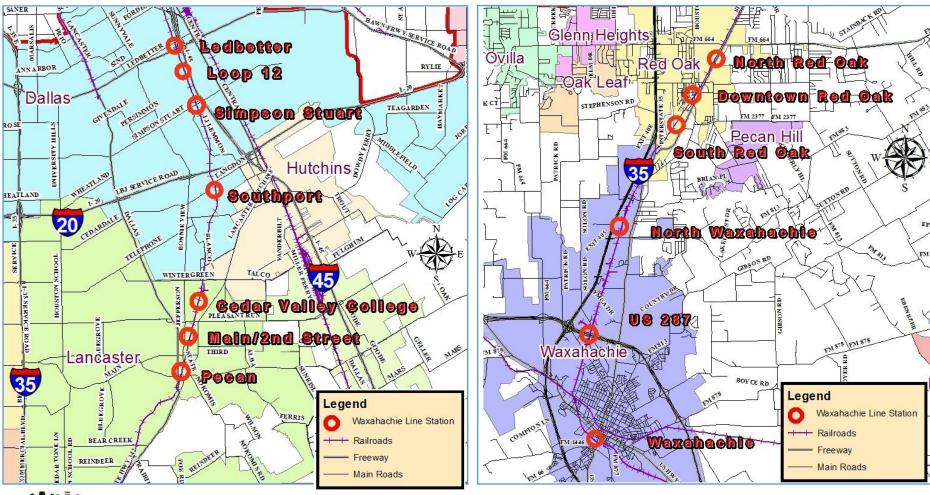




Potential Waxahachie Line Stations

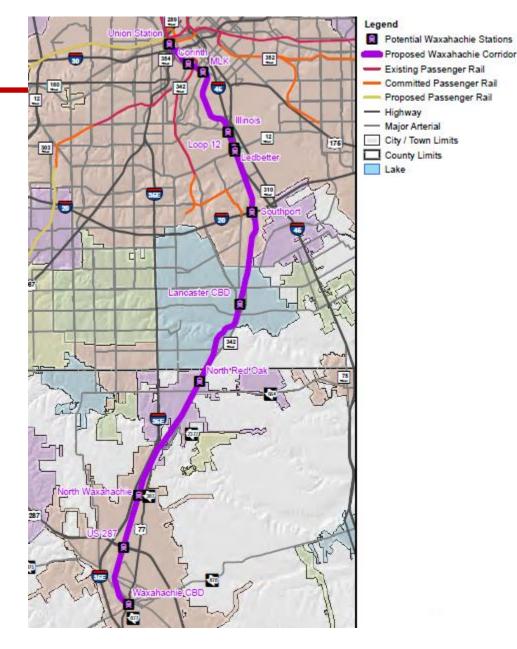
Dallas County

Ellis County



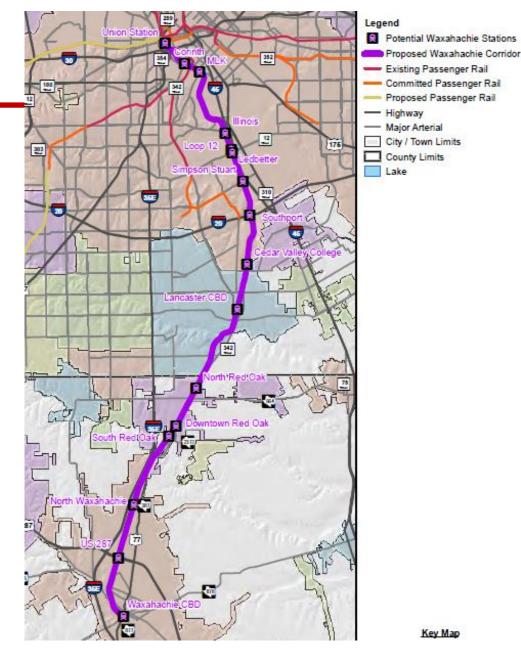


- Waxahachie to Union Station
- Transfer at Union
 Station Required
- No Stations at:
 - Simpson Stuart
 - Cedar Valley College
 - Downtown Red Oak
 - South Red Oak



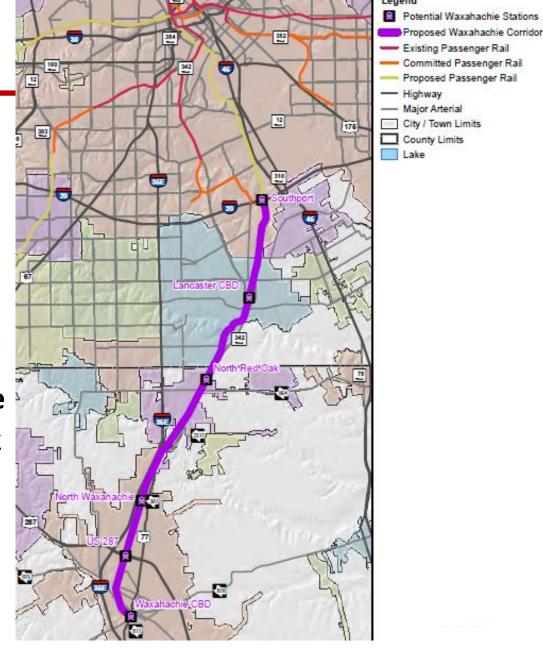


- Waxahachie to Union Station
- Transfer at Union
 Station Required
- All Stations Included





- Waxahachie to **Southport (Blue** Line LRT)
- Transfer at **Southport Required**
- No Stations at:
 - Cedar Valley College
 - **Downtown Red Oak**
 - South Red Oak



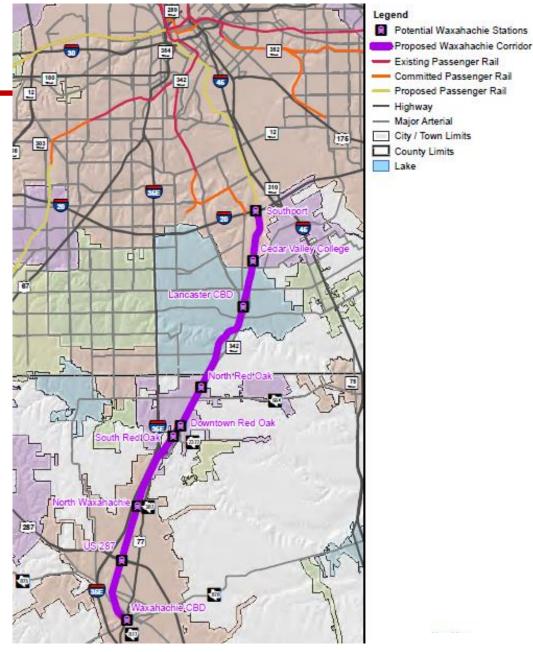


Existing Passenger Rail

Proposed Passenger Rail

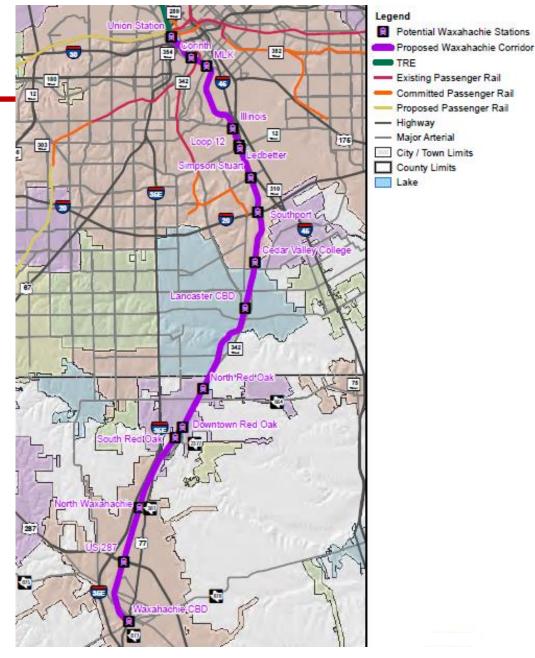
City / Town Limits

- Waxahachie to Southport (Blue Line LRT)
- Transfer at Southport Required
- All Stations Included





- Waxahachie to Union Station
- Continues as TRE Service
- All Stations Included





Stakeholder Comments

Resolve Conflicts with Freight



- Vehicle Technology Not Critical
- Service Implementation Is Critical
- Service to Employment Centers
- Funding Initiatives
- Glenn Heights Park-n-ride Usage
- Possibly Form Corridor Advocacy Group
- Transit Oriented Development (TOD)













Passenger Rail Corridor Analysis

	Frisco		McKinney		Waxahachie	
Criteria	Alternative 1		Alternative 3		Alternative 1	
	Value	Rank	Value	Rank	Value	Rank
Stations	10	2	8	3	12	1
Length	29.3	2	17.7	3	30.9	1
Major Employers	17	2	6	3	22	1
Activity Centers	32	3	49	2	117	1
Development	Low	3	Medium	2	High	1
Connectivity	High	1	Medium	2	Low	3
Daily Ridership	5,700	1	4,300	2	4,300	2
Capital Cost	\$474	2	\$400	1	\$533	3
Total Ranking		16		18		13



Possible Next Steps

- Innovative Finance Initiative (iFi)
- Cotton Belt Study Completed in 2011
- iFi Purposes
 - Expedite implementation through innovation
 - Attract private sector investment
 - Focus on innovative funding and financing options
 - Enhance east-west mobility with a sustainable economic development pattern



Waxahachie Corridor

Local Assistance Needed

- Advocacy Group
- Schedule Meeting with NCTCOG Staff
- Seeking Commitment of Effort
 - Funding Commitment Later
- FYI: RTC Polling Results
 - More Transit
 - Local Funding
- iFi?





Points to Ponder

- Access Creates Value
- Break the Transportation Cycle
 Those Who Benefit Should Contribute
- Spread the Wealth
- Stakeholder Support
- Be Innovative
- Be Bold





Questions

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