

COLLIN COUNTY OUTER LOOP

Rockwall County to U.S. 75

Public Meeting



Public Meeting – Thursday, March 23, 2006

Public Meeting Agenda

- Project Objective
- Study Process
- Project Schedule
- Study Analysis
 - Rockwall County to U.S. 380
 - U.S. 380 to S.H. 121
 - S.H. 121 to U.S. 75
- Public Involvement Program
- Questions and Comments



Public Meeting Agenda

- **Project Objective**

- Study Process

- Project Schedule

- Study Analysis

 - Rockwall County to U.S. 380

 - U.S. 380 to S.H. 121

 - S.H. 121 to U.S. 75

- Public Involvement Program

- Questions and Comments

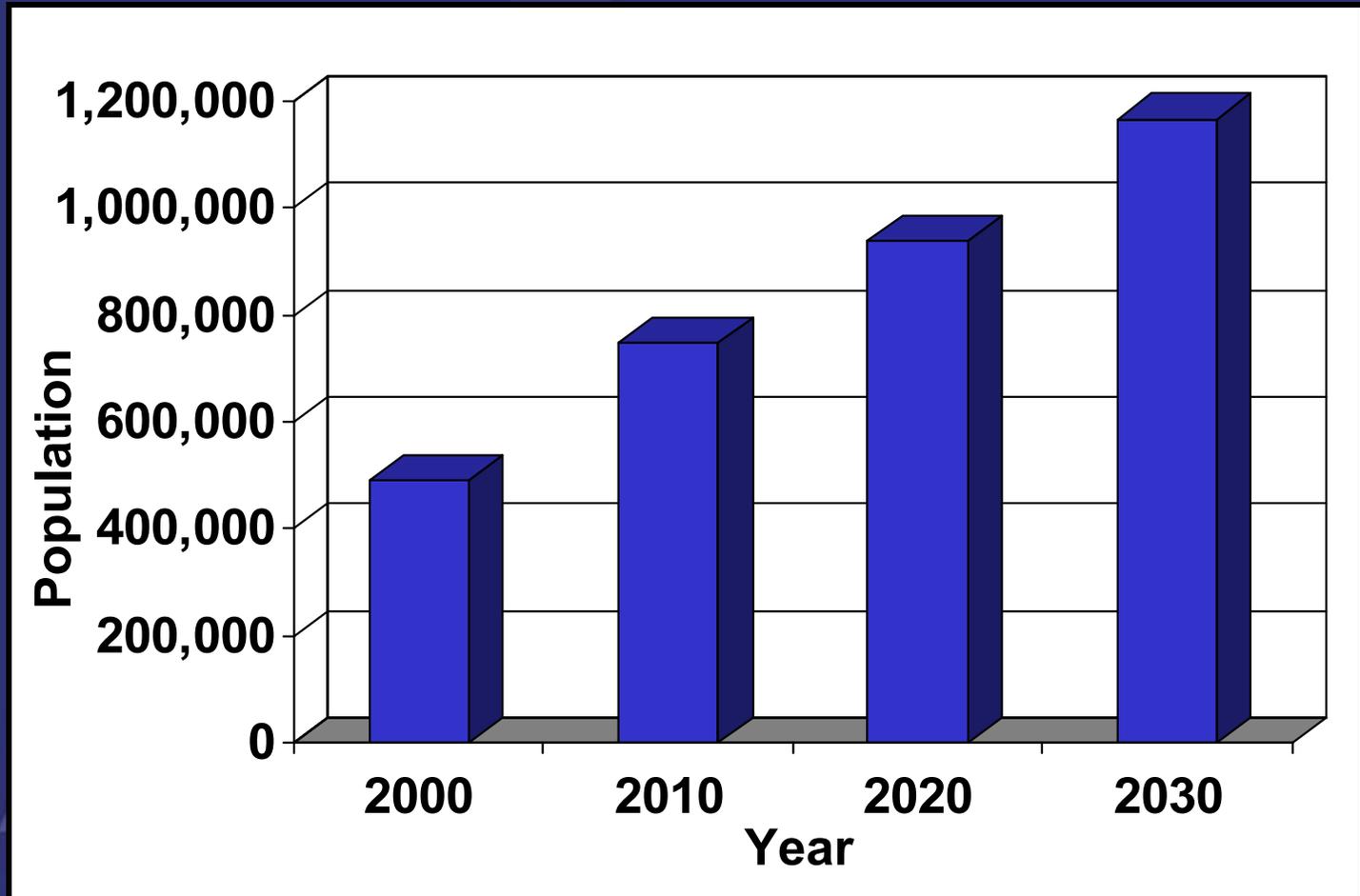


Study Objective

Identify a preferred route to accommodate the transportation needs resulting from population growth and development in Collin County



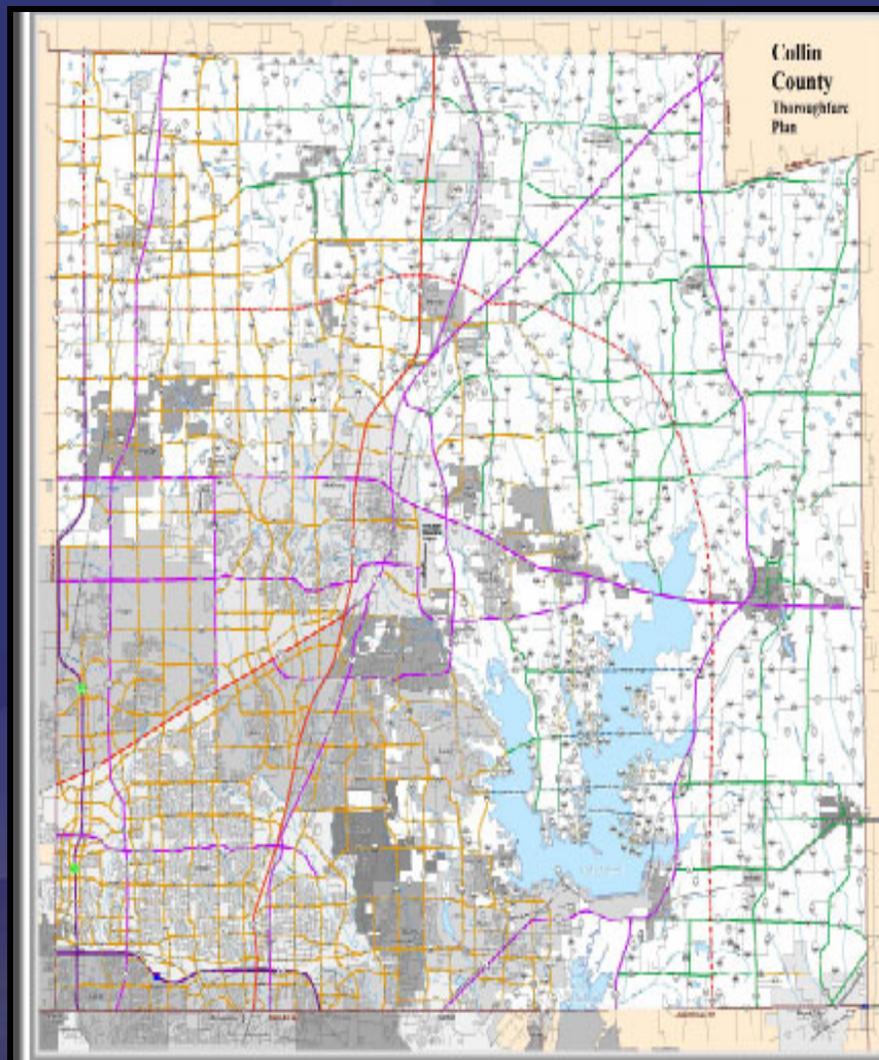
Collin County Population Growth



Data Source: www.nctcog.org

Public Meeting – Thursday, March 23, 2006

Collin County Thoroughfare Plan



Public Meeting – Thursday, March 23, 2006

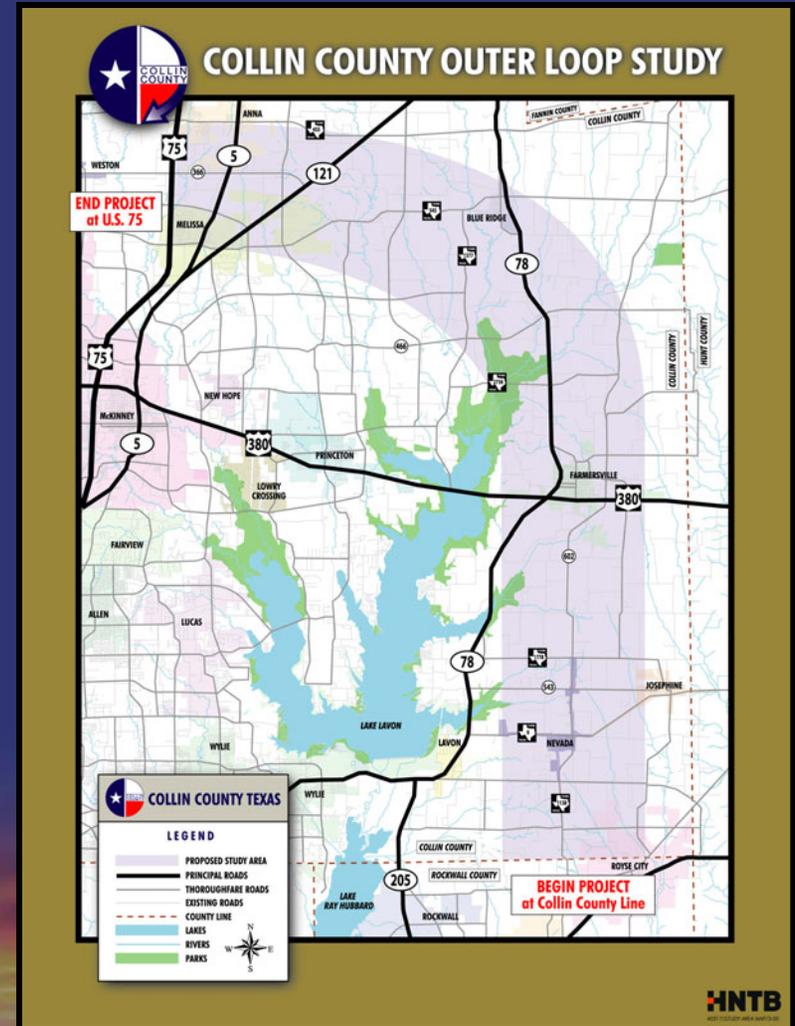
Project Limits

Rockwall County to U.S. 75

Rockwall Co. to U.S. 380

U.S. 380 to S.H. 121

S.H. 121 to U.S. 75



Public Meeting Agenda

- Project Objective
- **Study Process**
- Project Schedule
- Study Analysis
 - Rockwall County to U.S. 380
 - U.S. 380 to S.H. 121
 - S.H. 121 to U.S. 75
- Public Involvement Program
- Questions and Comments



Study Process

Public Involvement

- **Data Collection and Review**
 - Map Constraints
 - Meetings with Cities and Agencies
- **Develop and Evaluate Corridor Alternatives**
 - Select Preferred Corridor(s)
- **Develop and Evaluate Alignment Alternatives**
 - Select Preferred Alignment
- **Prepare Final Report**



Data Assembly and Review

Constraints

Developments
Schools
Cemeteries
Landfills
Floodplains
Parks
Rivers and Lakes
Wetlands
Railroads
Historic Features
Utilities

Meetings

City of Anna
City of Farmersville
City of Fate
City of Josephine
City of Lavon
City of Melissa
NTMWD

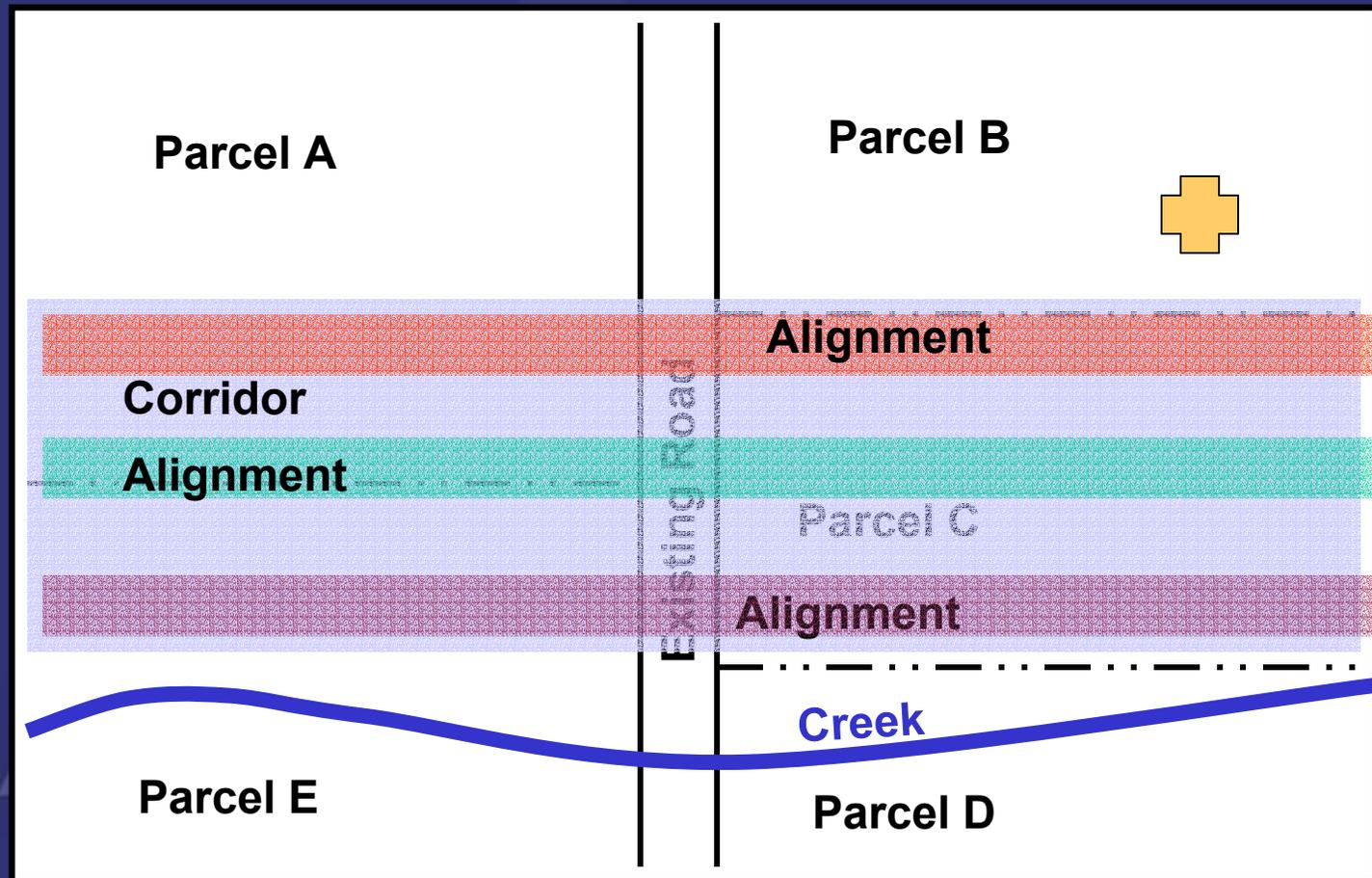
City of Royse City

Information Requests

City of Nevada
Texas Utilities (TxU)



Develop Corridors and Alignments



Evaluation Criteria

Enhanced Mobility / Safety

- Accessibility
- Safety

Cost Effectiveness

- Construction Cost
- ROW Acquisition
- Utilities/Infrastructure

Engineering Feasibility

- Compatibility with Other Projects

Minimal Environmental Impacts

- Public Input
- Socio-economic and Neighborhood Impacts
- Noise Impacts
- Natural Impacts
- Cultural Impacts
- Hazardous Material Impacts

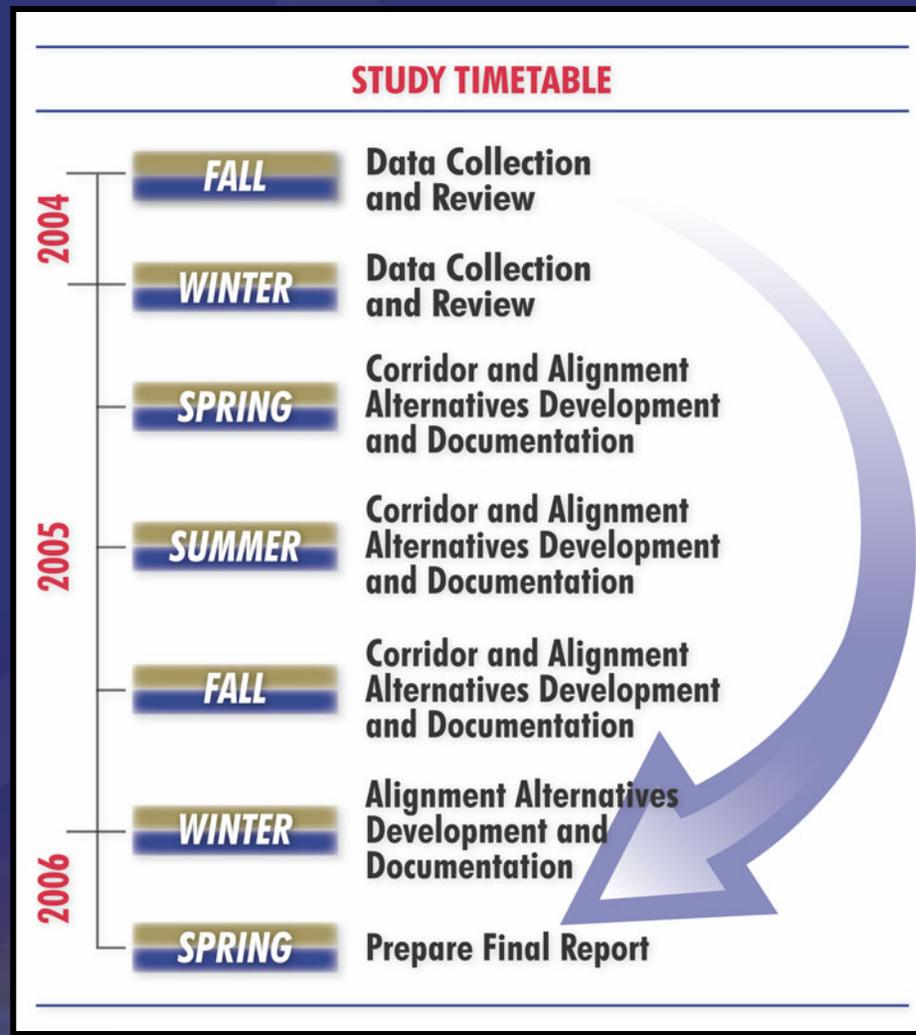


Public Meeting Agenda

- Project Objective
- Study Process
- **Project Schedule**
- Study Analysis
 - Rockwall County to U.S. 380
 - U.S. 380 to S.H. 121
 - S.H. 121 to U.S. 75
- Public Involvement Program
- Questions and Comments



Project Schedule



Public Meeting Agenda

- Project Objective
- Study Process
- Project Schedule
- **Study Analysis**
 - Rockwall County to U.S. 380
 - U.S. 380 to S.H. 121
 - S.H. 121 to U.S. 75
- Public Involvement Program
- Questions and Comments



Data Assembly and Review Rockwall County to U.S. 75

Constraints

Developments
Schools
Cemeteries
Landfills
Floodplains
Parks
Rivers and Lakes
Wetlands
Railroads
Historic Features
Utilities

Meetings

City of Anna
City of Farmersville
City of Fate
City of Josephine
City of Lavon
City of Melissa
NTMWD

City of Royse City

Information Requests

City of Nevada
Texas Utilities (TxU)



Rockwall County to U.S. 380 Corridor Evaluation

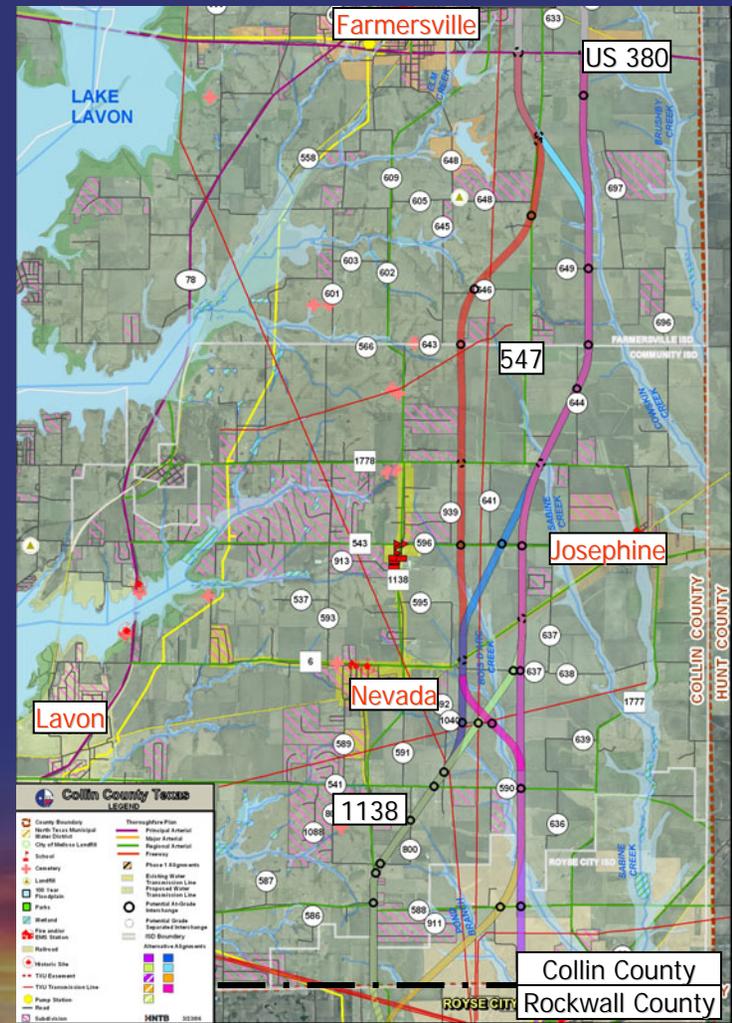
Category	Criteria	Alternatives	
		West of Nevada	East of Nevada
Enhanced Mobility and Safety	Accessibility	++	++
	Safety	++	++
Cost Effectiveness	Construction Cost	-	-
	ROW Acquisition	--	-
	Utilities and Infrastructure	-	-
Engineering Feasibility	Compatibility with Other Projects	+	+
Minimal Environmental Impacts	Public Input	-	+
	Socio-Economic and Neighborhood Impacts	--	-
	Noise Impacts	--	-
	Natural Impacts	--	-
	Cultural Impacts	O	O
	Hazardous Materials	O	O

Significant Negative Effect	Some Negative Effect	No Effect, Neutral	Some Positive Effect	Significant Positive Effect
--	-	O	+	++



Rockwall County to U.S. 380 Develop Alternative Alignments

Alternative Alignments East of Nevada



Rockwall County to U.S. 380 Preliminary Alignment Evaluation

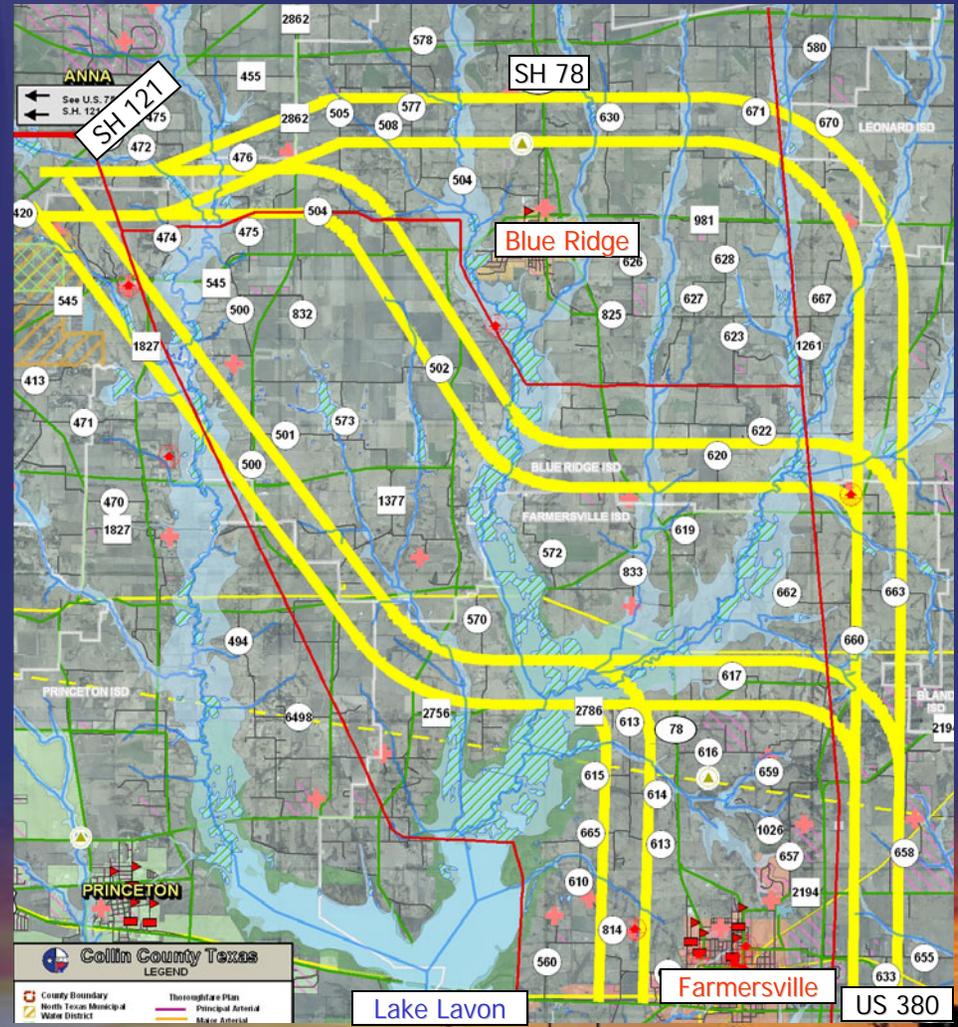
Category	Criteria	Alternatives	
		West of FM 547 (Red)	East of FM 547 (Purple)
Enhanced Mobility and Safety	Accessibility	++	++
	Safety	+	+
Cost Effectiveness	Construction Cost	-	-
	ROW Acquisition	-	-
	Utilities and Infrastructure	-	-
Engineering Feasibility	Compatibility with Other Projects	+	+
Minimal Environmental Impacts	Public Input		
	Socio-Economic and Neighborhood Impacts	--	-
	Noise Impacts	--	-/-
	Natural Impacts	-	-/-
	Cultural Impacts	O	O
	Hazardous Materials	O	O

Significant Negative Effect	Some Negative Effect	No Effect, Neutral	Some Positive Effect	Significant Positive Effect
--	-	O	+	++



U.S. 380 to S.H. 121 Develop Alternative Corridors

Alternative Corridors
North of Blue Ridge
South of Blue Ridge
North of Lake Lavon



U.S. 380 to S.H. 121 Corridor Evaluation

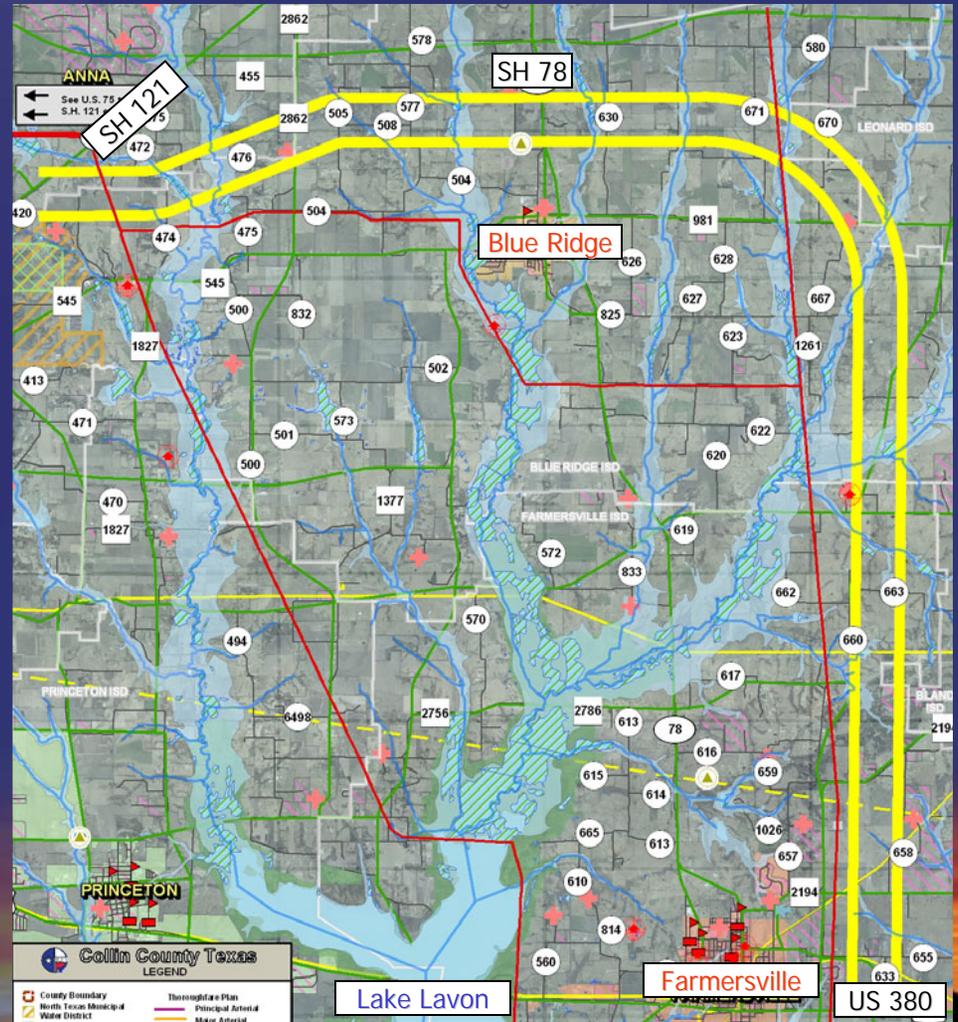
Category	Criteria	Alternatives		
		North of Blue Ridge (North Corridor)	South of Blue Ridge (Middle Corridor)	North of Lake Lavon (South Corridor)
Enhanced Mobility and Safety	Accessibility	++	++	++
	Safety	++	++	++
Cost Effectiveness	Construction Cost	--	-	--
	ROW Acquisition	-	-	-
	Utilities and Infrastructure	-	-	--
Engineering Feasibility	Compatibility with Other Projects	+	+	+/-
Minimal Environmental Impacts	Public Input	+	-	--
	Socio-Economic and Neighborhood Impacts	-	-	-
	Noise Impacts	-	-	-
	Natural Impacts	-	--	--
	Cultural Impacts	-	-	--
	Hazardous Materials	○	○	○

Significant Negative Effect	Some Negative Effect	No Effect, Neutral	Some Positive Effect	Significant Positive Effect
--	-	○	+	++



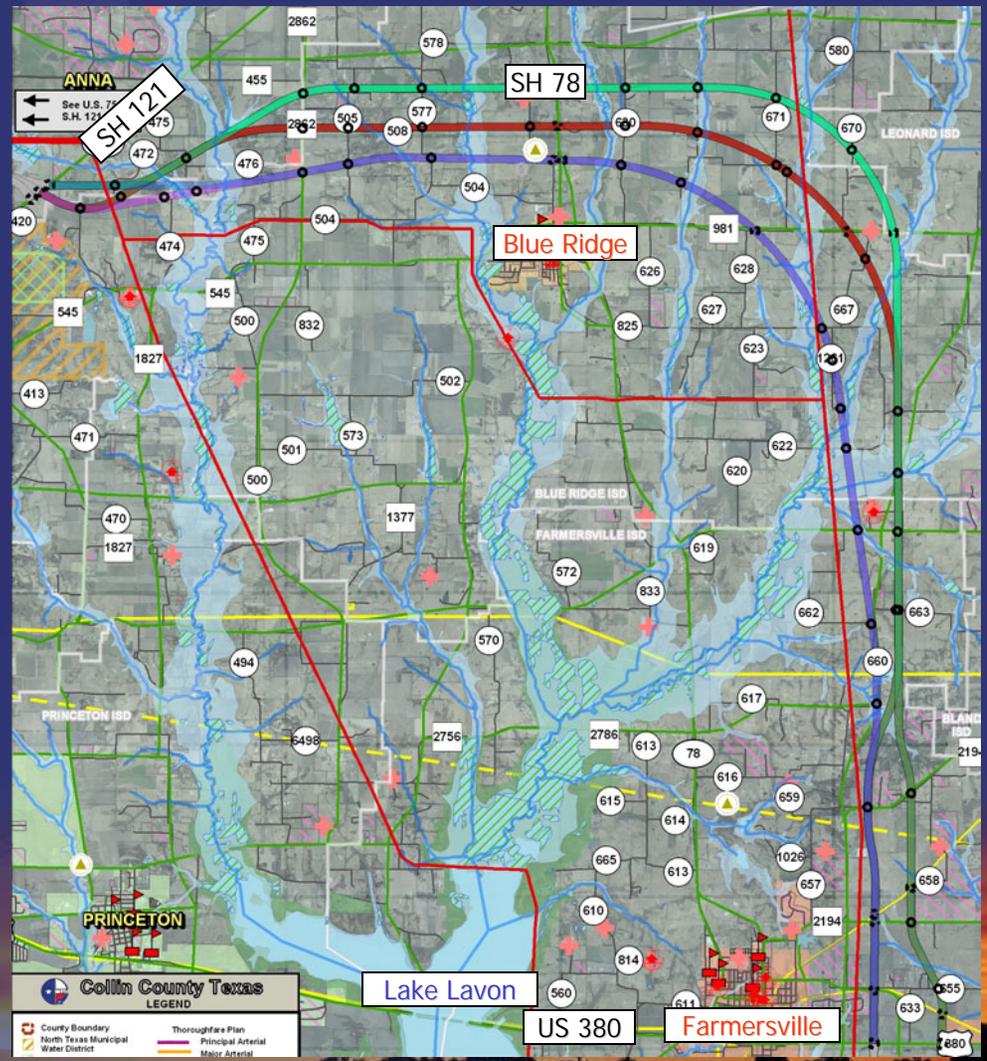
U.S. 380 to S.H. 121 Approved Corridor

North of Blue Ridge



U.S. 380 to S.H. 121 Develop Alternative Alignments

Alternative Alignments North of Blue Ridge



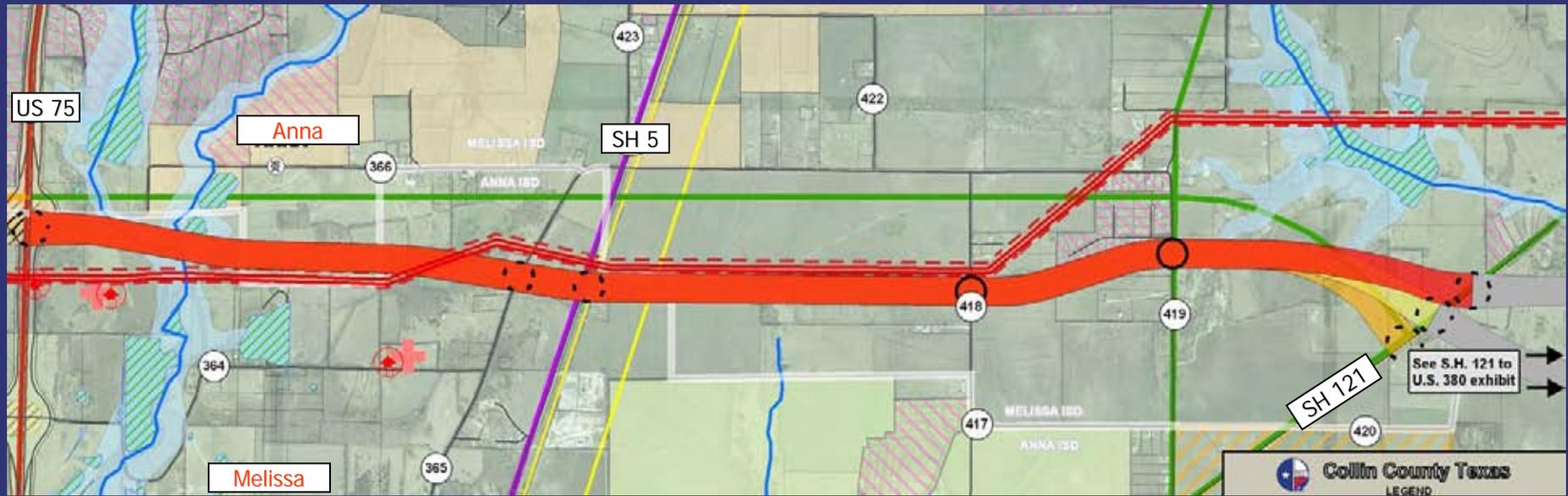
U.S. 380 to S.H. 121 Preliminary Alignment Evaluation

Category	Criteria	Alternatives		
		North of Blue Ridge (Top-Green)	North of Blue Ridge (Middle-Green)	North of Blue Ridge (Bottom-Purple)
Enhanced Mobility and Safety	Accessibility	++	++	++
	Safety	+	+	+
Cost Effectiveness	Construction Cost	-	-	-
	ROW Acquisition	-/- -	-	-
	Utilities and Infrastructure	-	-	-
Engineering Feasibility	Compatibility with Other Projects	+	+	+
Minimal Environmental Impacts	Public Input			
	Socio-Economic and Neighborhood Impacts	-	-	-
	Noise Impacts	-	-	-
	Natural Impacts	-	-	--
	Cultural Impacts	○	○	○
	Hazardous Materials	○	○	○



Significant Negative Effect	Some Negative Effect	No Effect, Neutral	Some Positive Effect	Significant Positive Effect
--	-	○	+	++

S.H. 121 to U.S. 75 Approved Alignment



Public Meeting Agenda

- Project Objective
- Study Process
- Project Schedule
- Study Analysis

Rockwall County to U.S. 380

U.S. 380 to S.H. 121

S.H. 121 to U.S. 75

- **Public Involvement Program**
- Questions and Comments



Public Involvement Process

- Open House and Public Meetings
- Meetings with Cities and Agencies
- Newsletters



Collin County Outer Loop Study Continues East of U.S. 75

The Collin County Outer Loop is one of many future transportation improvements which is proactively being planned to accommodate the anticipated growth in Collin County. The County is one of the top growth areas in the State of Texas with a population growth of over 15 percent since the 2000 census and 270 percent since the 1980 census. Transportation planning for future mobility and growth is essential.

At the request of the Collin County Commissioners Court, the Outer Loop Study from U.S. 75 to the Rockwall County Line is now underway to plan for future mobility needs. This study area starts at U.S. 75 and runs east then south, around Lake Lavon, to Rockwall County. It will tie into a section of the

proposed Collin County Outer Loop that is west of U.S. 75, which has been under study for a few years. This study will also be coordinated with a potential Outer Loop in Rockwall County.

Analysis of the Collin County Outer Loop east of U.S. 75 has been divided into three sections: U.S. 75 to S.H. 121, S.H. 121 to U.S. 380, and U.S. 380 to the Rockwall County line. Initial data collection is complete. Constraints including lakes, rivers, cemeteries, cultural resources, and existing/proposed developments have been identified and documented. Alternative corridors which represent general areas for future study, approximately 3,000-feet in width, have been developed and evaluated. Alternative alignments 500-feet in width have been developed in the general vicinity of the preferred corridor. The alternative alignments represent the alternative locations for the proposed roadway.

U.S. 75 to S.H. 121

With rapid development occurring in the cities of Anna and Melissa in the section from U.S. 75 to S.H. 121, only one corridor was identified. Three

alternative alignments were developed within this corridor. The alternative alignments were located immediately north of the TxU transmission line tying into C.R. 366, adjacent/along the TxU transmission line tying into C.R. 366, and south of the TxU transmission line tying into C.R. 364. Enhanced mobility and safety, cost effectiveness, engineering feasibility, public input, and environmental impacts of the alternative alignments were evaluated. The alternative alignment adjacent/along the TxU transmission line was determined to be the technically preferred alignment. The alternative alignments north of the TxU transmission line had

additional jurisdictional waters and wetland impacts, and the alternative alignment south of the TxU transmission line was not supported by the public. The alignment adjacent/along the TxU transmission line was recommended as the technically preferred alignment and was approved by the Collin County Commissioners Court on November 22, 2005.

Continued on page 2

CONTENTS

- The Study Timetable2
- Your Input Is Important3
- Study Area Map4
- Planning Ahead8

Public Meeting Agenda

- Project Objective
- Study Process
- Project Schedule
- Study Analysis
 - Rockwall County to U.S. 380
 - U.S. 380 to S.H. 121
 - S.H. 121 to U.S. 75
- Public Involvement Program
- **Questions and Comments**



Questions and Comments

1. Speak at Public Meeting

2. Comment Cards

Submit Today or Mail to Study Team

3. Mail Comments to:

Mr. Ruben Delgado, P.E.

Collin County Director of Engineering

825 North McDonald Street, Suite 160

McKinney, TX 75069

