

COMMISSIONERS COURT WORKSHOP

Decatur, Texas

April 11, 2016



YEARS 1966-2016
NCTCOG

North Central Texas Council of Governments

**WISE COUNTY
TRANSPORTATION PLAN**

WELCOME + INTRODUCTIONS

- ▶ Michael Morris, Director of Transportation
- ▶ Dan Lamers, Senior Program Manager
- ▶ Kevin Feldt, Program Manager
- ▶ Chris Reed, Senior Transportation Planner
- ▶ Edrean Cheng, Area Engineer, TXDOT

NCTCOG OVERVIEW

NCTCOG, through its Transportation Department, is the federally designated Metropolitan Planning Organization (MPO) that conducts regional transportation planning in North Central Texas.

MPO Activities are Led by:

- ▶ NCTCOG Executive Board (Fiscal Administration)

Wise County Representative: Judge J.D. Clark, Wise County

- ▶ Regional Transportation Council (Policy Administration)

Wise County Representative: Judge Mark Riley, Parker County (Parker and Wise Counties)

- ▶ Several Technical Committees

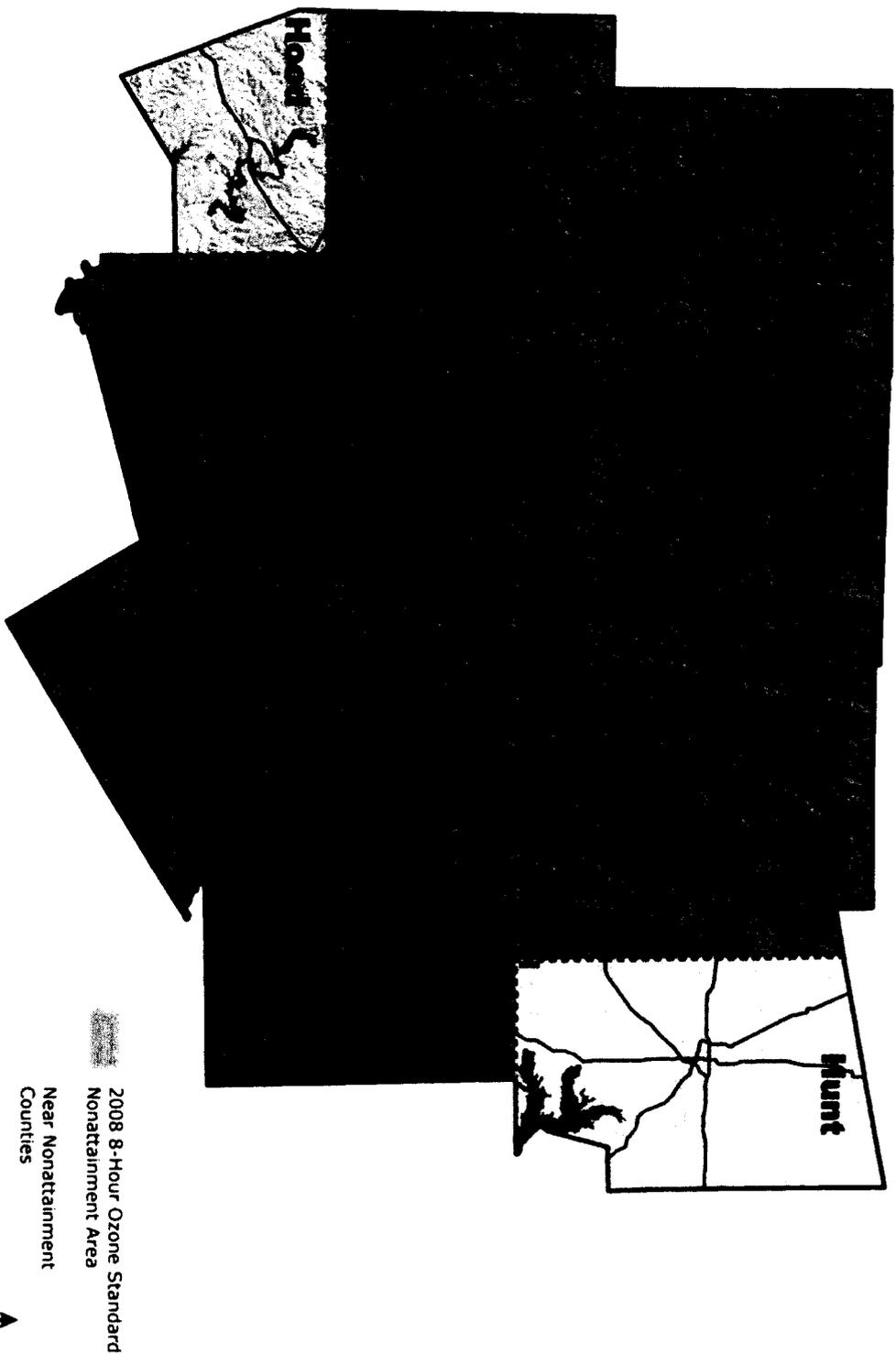
Major Responsibilities Include:

- ▶ Metropolitan Transportation Plan
- ▶ Transportation Improvement Program
- ▶ Unified Planning Work Program

Wise County Transportation Plan

- ▶ Congestion Management Process
- ▶ Air Quality Conformity

NCTCOG METROPOLITAN PLANNING AREA WITH 8-HOUR OZONE NONATTAINMENT AREA



PROJECTS IN WISE COUNTY (RECENT + PLANNED)

LEGEND

-  Recent Projects
-  Mobility 2040
-  Roads
-  Counties
-  Lakes

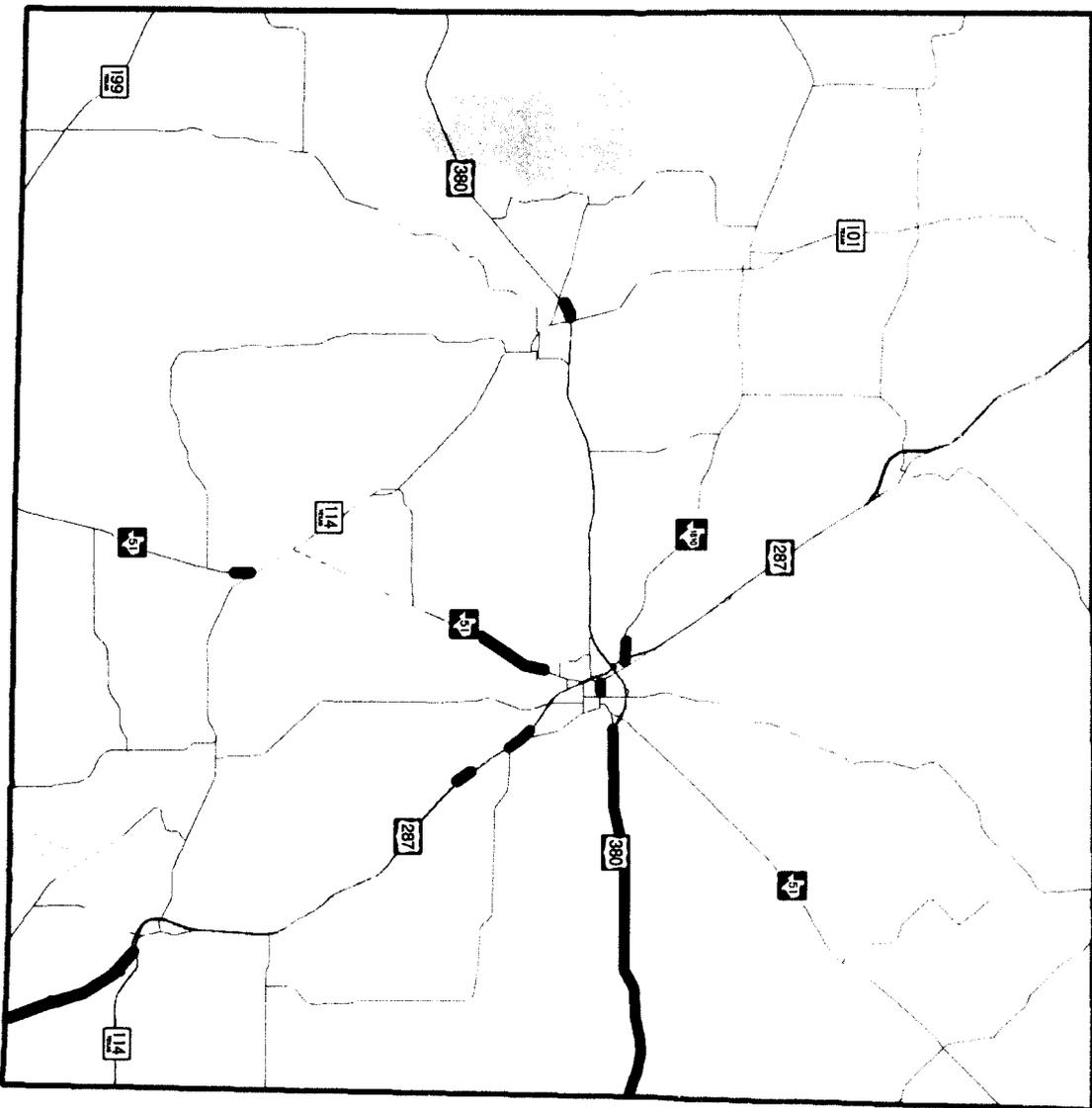


Identified in Mobility 2040

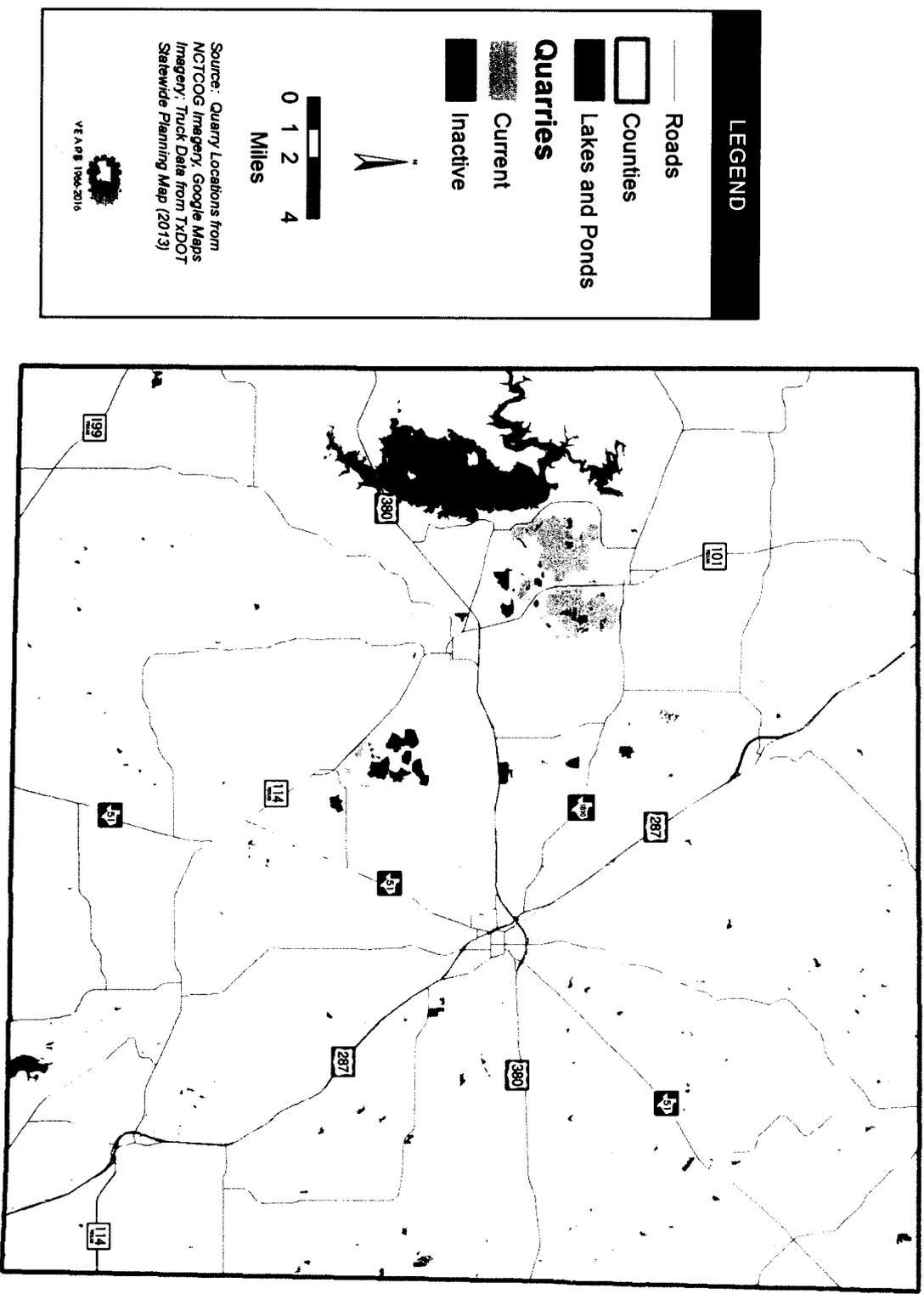
- US 81/287 from SH 114 to Tarrant County Line: Frontage Road Improvements
- US 81/287 at Ramhorn Hill Road: New Interchange
- US 81/287 at CR 4838: New Interchange
- US 81/287 at CR 4227/CR 4228: New Interchange
- US 380 west of SH 114: Widening
- FM 51 from Preskitt Rd to CR 3170: Widening
- FM 51 at SH 114: Grade Separation

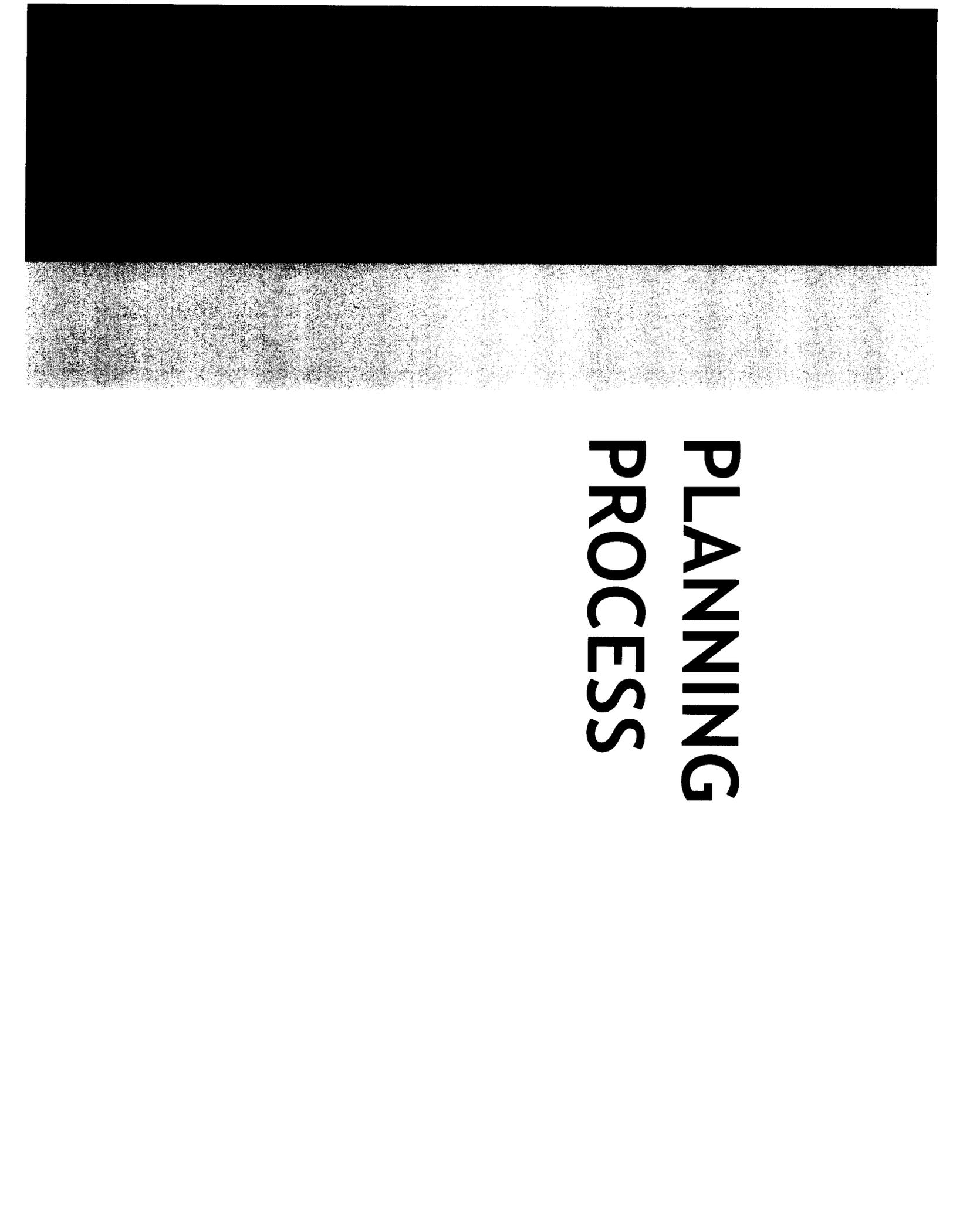
Recent Projects:

- US 380, Decatur to Denton County Line: Widening
- US 81/BU 81: Grade Separation
- FM 1810 Realignment Study
- Main Street Decatur: Addition of Sidewalks



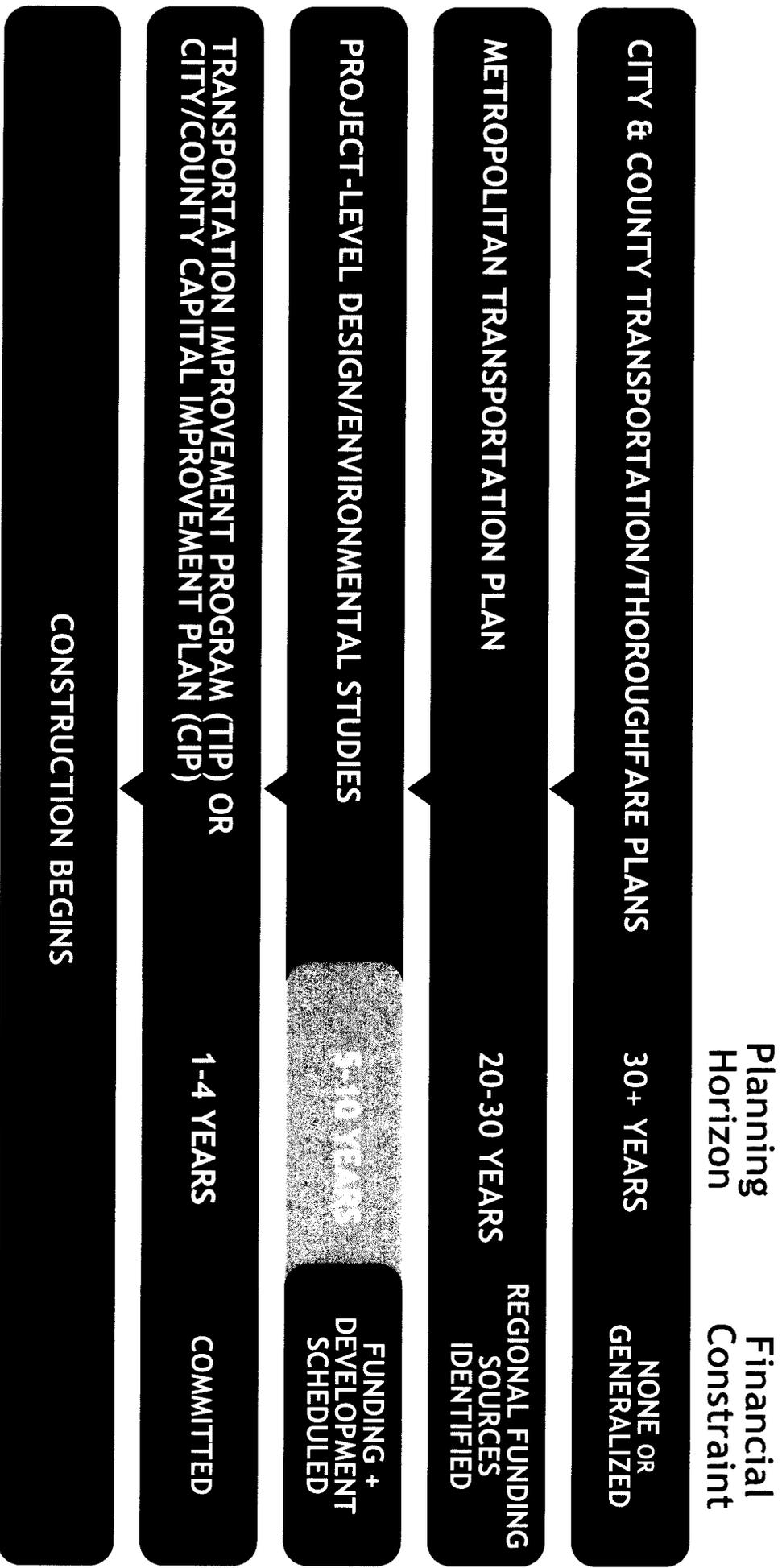
QUARRIES IN WISE COUNTY (CURRENT + INACTIVE)





PLANNING PROCESS

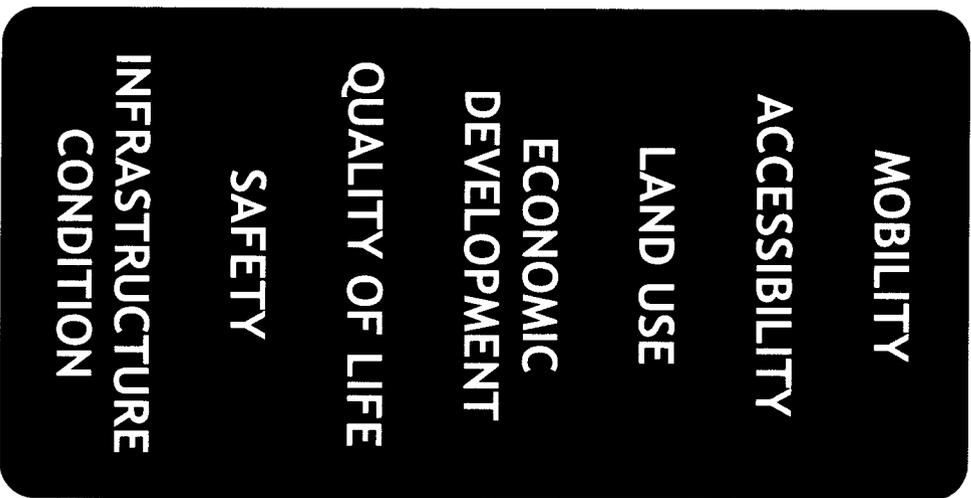
PROJECT DEVELOPMENT PROCESS



ROLE OF TRANSPORTATION PLANNING

Existing Conditions

- 2016 -



Critical Challenges in
Achieving County's Vision

ADDRESS CURRENT NEEDS

PRESERVE FUTURE VISION

Future Vision
- Beyond 2050 -

BEDROOM
COMMUNITY?

ECONOMIC
DESTINATION?

ADJACENT, BUT
DISTINCT
ECONOMY?

INFRASTRUCTURE
DEVELOPMENT +
PRESERVATION

FUTURE VISION

WHAT WILL WISE COUNTY LOOK LIKE?

Bedroom Communities?

- ▶ Predominantly residential, some employment

- ▶ Longer trips, directional traffic patterns

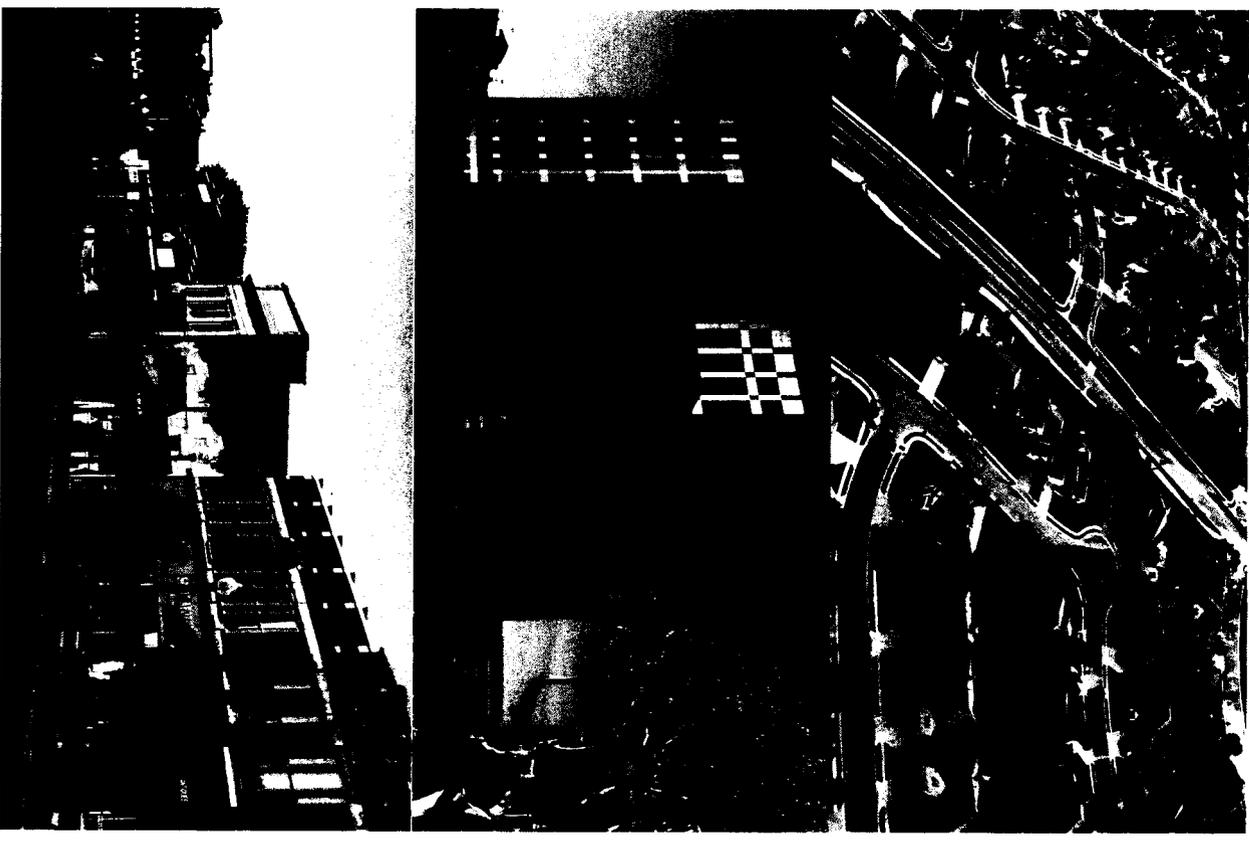
Regional Destinations?

- ▶ Focus on large employers, attractions, venues, etc.

- ▶ Traffic drawn into community

Adjacent but Distinct Communities?

- ▶ Mix of residential and employment
- ▶ Focus on shorter trips within county rather than longer commuting trips



PLAN OBJECTIVES

- ▶ Focus on the transportation system as a whole
- ▶ Create a comprehensive and dynamic document
- ▶ Develop process for continual infrastructure planning and development
- ▶ Coordinate with the planning efforts of adjacent counties
- ▶ Long-term vision (20+ years)
- ▶ Strategic recommendations
- ▶ Cultivate vital local support
- ▶ Recognize that funding is a challenge



APPLICATION AND IMPLEMENTATION GUIDANCE

Providing a Framework for Collaborative Planning Efforts

- Development and implementation of plan.
- Adopt guidelines for how the county and city governments relate to the plan.

Identifying Potential Projects and Funding Opportunities \$\$\$

- Establish a strategic process for moving forward with plan recommendations.

Determining Further Study Needs

- Further studies with greater level of localized detail.

Plan Administration, Monitoring, and Updating

- Provide a mechanism for monitoring development.
- Update the plan when necessary.

POTENTIAL COUNTY ROLES

Transportation
Planning Process

Potential County Roles

STUDY FORMATION

- ▶ CREATE STEERING COMMITTEE AND SET GOALS
- ▶ COMMITTEE/COMMUNITY OUTREACH

ISSUE IDENTIFICATION

- ▶ IDENTIFY EXISTING DATA SOURCES
- ▶ ISSUE PRIORITIZATION
- ▶ COMMITTEE/COMMUNITY OUTREACH

TECHNICAL ANALYSIS

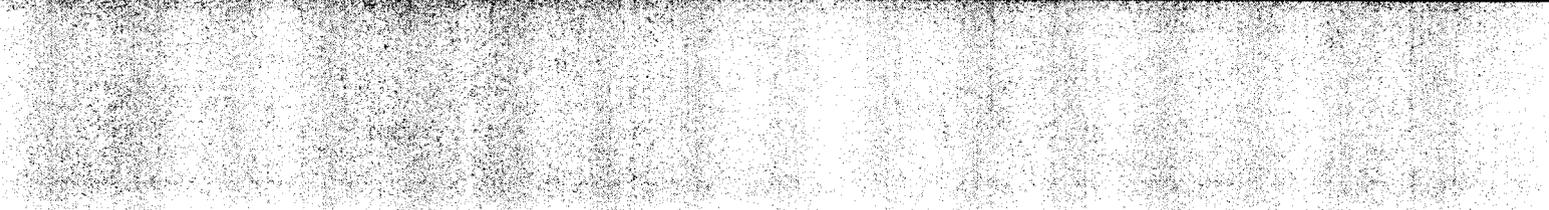
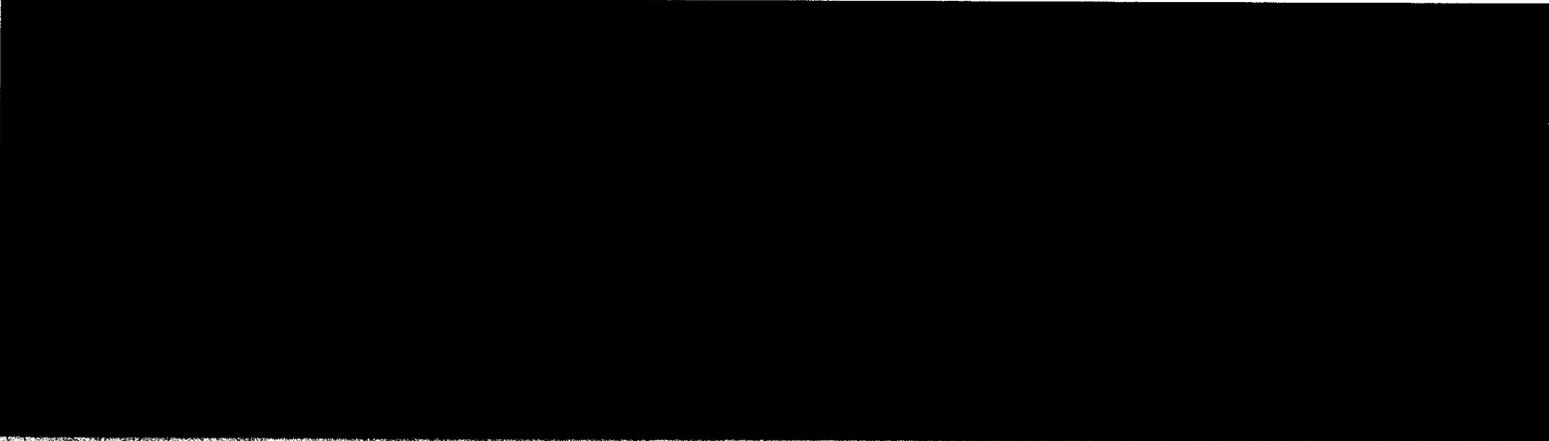
- ▶ INPUT ON ALTERNATIVES AND RECOMMENDATIONS
- ▶ COMMITTEE MEETING

PUBLIC REVIEW

- ▶ REVIEW FINAL RECOMMENDATIONS
- ▶ COMMITTEE/COMMUNITY OUTREACH

PLAN ADOPTION

- ▶ LOCAL GOVERNMENT BRIEFINGS
- ▶ COMMITTEE MEETING
- ▶ BECOME AN ADVOCATE FOR THE TRANSPORTATION PLAN



DATA SUMMARY

PRELIMINARY CONCERNS REPORTED BY COUNTY

Safety Improvements

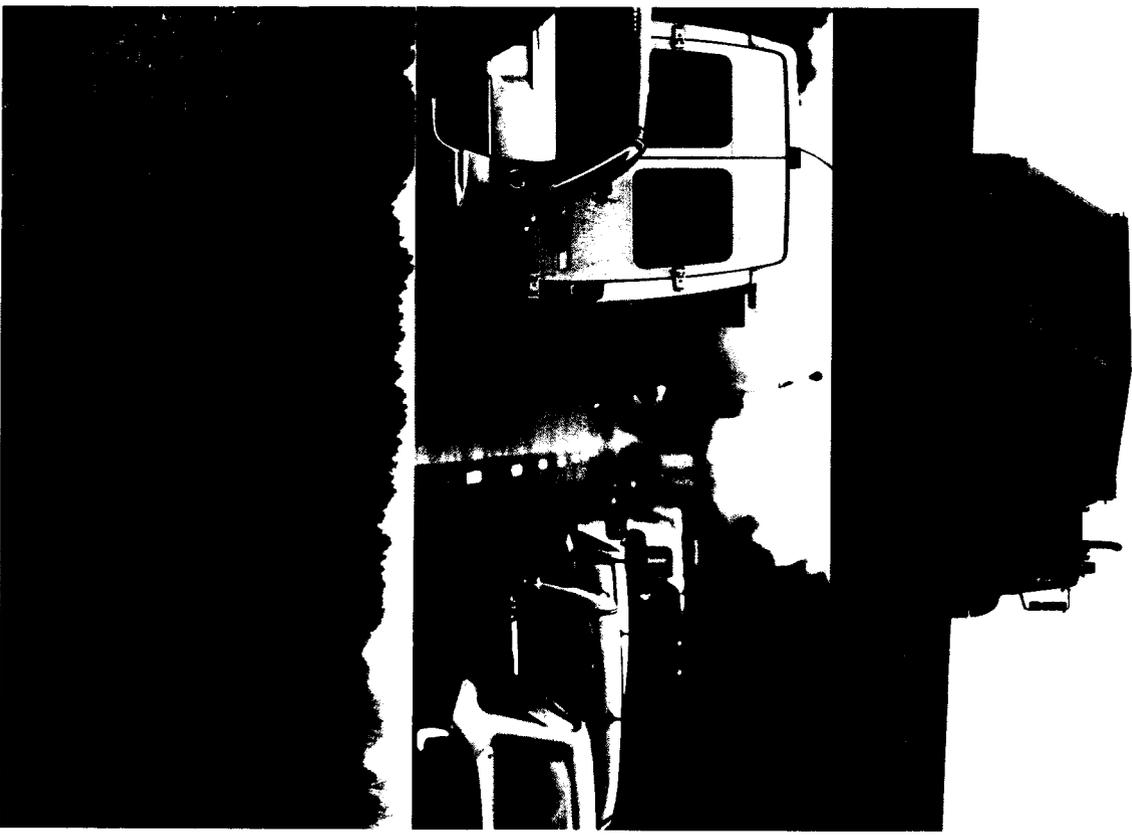
- ▶ Gravel, Oil/Gas Trucks
- ▶ Intersection Improvements

Urbanization and Growth

- ▶ County Growth Trends
- ▶ Commute Lengths
- ▶ Inter-County Connectivity

Future Infrastructure Concerns

- ▶ Maintenance and Infrastructure Preservation
- ▶ Capacity Needs
- ▶ Freight Routes
- ▶ Inactive Quarries/Water Reuse



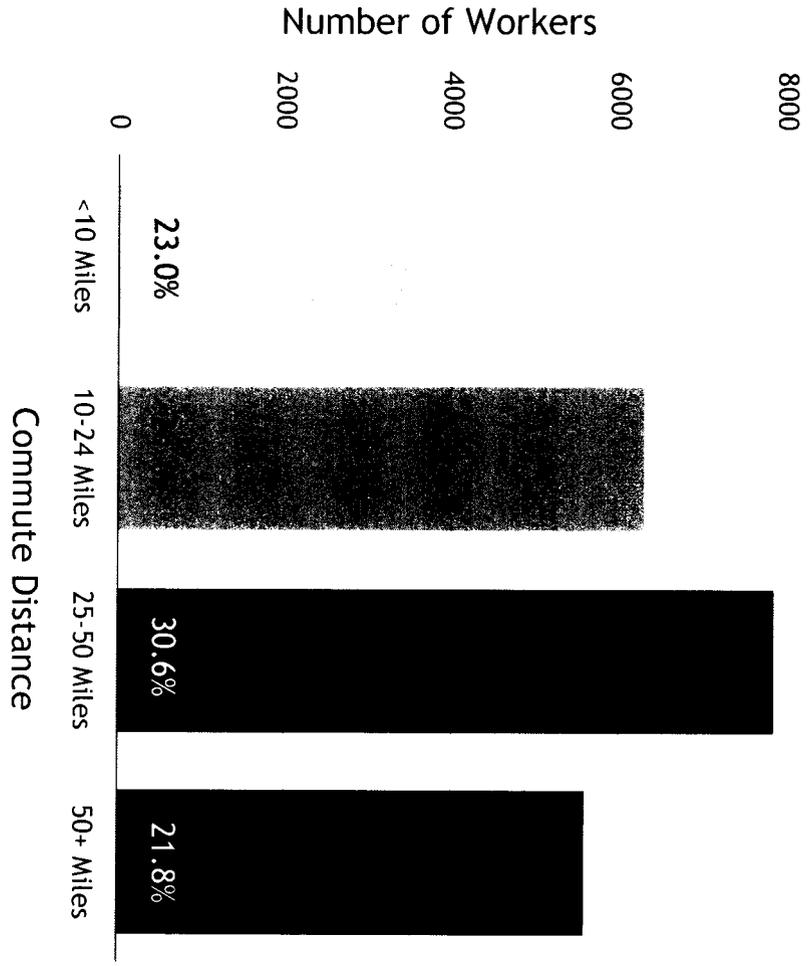
CURRENT DATA RESOURCES

- ▶ 2014 TXDOT Crash Data
- ▶ 2009 NCTCOG Aerial Imagery
- ▶ 2015-2040 Population/Employment Projections (NCTCOG)
- ▶ 2014 County-to-County Worker Flows
- ▶ 2014 TXDOT/Cities' Traffic Counts
- ▶ 2005 Land Use Patterns
- ▶ Existing County/City Thoroughfare Plans
- ▶ Dallas-Fort Worth Travel Demand Model (NCTCOG)
- ▶ Federal Functional Classification System (FFCS)
- ▶ Mobility 2040 Metropolitan Transportation Plan Recommendations
- ▶ Previous Major Transportation Projects
- ▶ Texas State Highway System
- ▶ Other?

WORK DESTINATION

IF YOU LIVE IN WISE COUNTY, WHERE DO YOU WORK?

County	Count	Percentage
Wise County, TX	8,597	33.5%
Tarrant County, TX	6,332	24.7%
Denton County, TX	2,240	8.7%
Dallas County, TX	1,712	6.7%
Parker County, TX	897	3.5%
Johnson County, TX	430	1.7%
Cooke County, TX	370	1.4%
Collin County, TX	343	1.3%
Montague County, TX	248	1.0%
Hood County, TX	235	0.9%
Jack County, TX	137	0.5%
All Other Locations	---	<1%

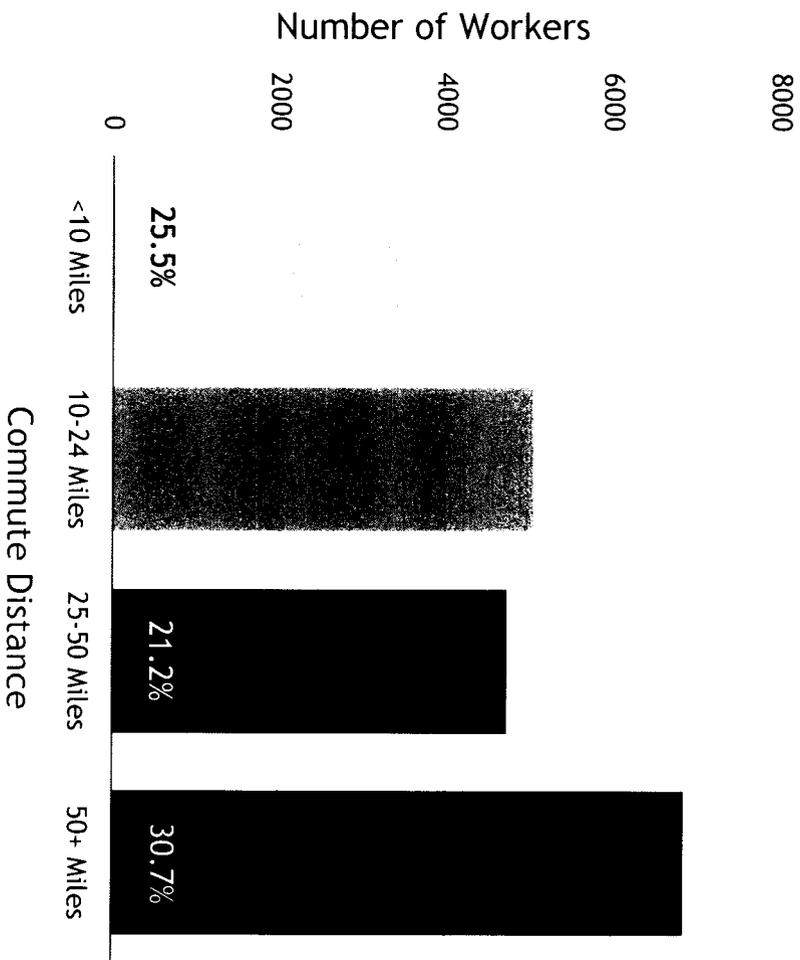


Source: US Census Bureau, OnTheMap Application and LEHD Origin-Destination Employment Statistics (Beginning of Quarter Employment, 2nd Quarter of 2002-2014).

HOME DESTINATION

IF YOU WORK IN WISE COUNTY, WHERE DO YOU LIVE?

County	Count	Percentage
Wise County, TX	8,597	38.5%
Tarrant County, TX	3,153	14.1%
Denton County, TX	1,173	5.3%
Parker County, TX	1,023	4.6%
Montague County, TX	885	4.0%
Dallas County, TX	604	2.7%
Johnson County, TX	386	1.7%
Jack County, TX	283	1.3%
Hood County, TX	263	1.2%
Collin County, TX	253	1.1%
Cooke County, TX	105	0.5%
All Other Locations	---	<1%



Source: US Census Bureau, OnTheMap Application and LEHD Origin-Destination Employment Statistics (Beginning of Quarter Employment, 2nd Quarter of 2002-2014).

NEEDED DATA

Previous city and county plans, city and county bond program information, roadway inventories, maps, school district plans, emergency routing, traffic counts, demographic projections, land use, mailing lists, coordination with on-going studies, etc.

WE NEED YOUR HELP!

- ▶ Wise County
- ▶ Alvord
- ▶ Aurora
- ▶ Boyd
- ▶ Bridgeport
- ▶ Chico
- ▶ Decatur
- ▶ Fort Worth
- ▶ Lake Bridgeport
- ▶ New Fairview
- ▶ Newark
- ▶ Paradise
- ▶ Rhome
- ▶ Runaway Bay
- ▶ TXDOT
- ▶ Technical Partners

WHAT NOW?

Form a work group consisting of county/city staff and elected officials.

Establish project scope, goals, and objectives.

Recommend future transportation system improvements.

- Address future thoroughfare development (location, alignment, and design)
- Review multimodal options and connectivity to regional transit system
- Functional classification
- Right-of-way/corridor preservation

Recommend implementation elements

- Prioritize thoroughfare plan improvements
- Identify implementation strategies to guide thoroughfare plan development
- Clearly outline the intent and purpose of the thoroughfare plan

Plan Implementation

And every step of the way... **PUBLIC INVOLVEMENT!**

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