Kaufman County Thoroughfare Plan & US 80 Corridor Plan

Project Kickoff Meeting

September 22, 2014
Welcome!
Kaufman County

- **Project Development**
  - County Bond Program
  - Scoping Process Input
    - City Coordination
      - Kaufman
      - Forney
      - Terrell
      - Mabank
      - Crandall
    - County Coordination
  - Project Scoping
    - Authorized August 2014
    - County Transportation Plan
    - US80 Corridor Plan
The Plans

- **County Transportation Plan**
  A countywide plan that will be coordinated with other locally adopted city, county and agency plans, and reflected in NCTCOG planning initiatives. The identification of the location, alignment and preservation of needed right-of-way to support 20-year mobility needs and investments.

- **US 80 Corridor Study**
  A focused evaluation of mobility needs within this growth corridor from the eastern to western county limits; the examination of identified mobility alternatives, adjacent area access and circulation, and supporting corridor improvements to enhance safety and economic benefit.
Previous Plan:
2002 Thoroughfare Plan
### The Planning Team

**Freese and Nichols**
- Overall Project Coordination
- Plan Goals and Objectives
- Transportation Systems Alternatives
- Development of Short/Long-range Improvements
- Transportation Plan and Strategies
- Implementation Plan
- Plan Documentation
- Conduct Committee and Public Meetings

**Alliance Transportation Group**
- Assessment of Existing Systems
- Travel Forecast Modeling and Alternatives Testing
- Needs Assessment for Roadways
- Transportation System Prioritization

**Catalyst Commercial**
- Corridor Market Scan
- Market Demand Analysis

**GRAM Traffic**
- Traffic Data Collection

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**Edmund Haas, AICP – Project Manager**
**Kevin St. Jacques, PE PTOE – US 80 Task Mgr.**
**Staron Faucher – Kaufman Trans. Plan Task Mgr.**
**Kevin Johnson, PE - Bond Program Liaison**

**Jim Harvey, PE, AICP – Task Manager**
**Andrea Weckmueller-Berringer – Travel Modeling**

**Jason Claunch – Task Manager**
**Daryl Swenson – Task Manager**
Steering Committee

- Assist Study Team by providing focused input to transportation needs and potential system alternatives
- Provide feedback to affected communities on plan recommendations, project prioritization and possible funding alternatives
- Participates with other organizations for dissemination of information
- Two separate Committees for the Transportation Plan and Corridor Study
Transportation Plan
Steering Committee

- Marcy Ratcliff
- Mike Sims
- Gina Nash
- Jerry Boze
- Wade Gent
- Wynne Breeden
- Jim Thompson
- Larry Farthing
- Ray Raymond
- Robert Messer

Resource Members
- Texas Department of Transportation (TxDOT)
- North Central Texas Council of Governments (NCTCOG)
- Northeast Texas Regional Mobility Authority (NETRMA)
- STAR Transit
US 80 Corridor Plan
Steering Committee

• Steve Rogers
• Terry Capehart
• Chris Metz
• Chuck Shepard
• Gary Stringer
• Don Thurman
• Ken Cunningham
• Sidney Schlebach
• Chris Simpson
• Frank Nucherino
• Alan Bain

Resource Members
- Texas Department of Transportation (TxDOT)
- North Central Texas Council of Governments (NCTCOG)
- Northeast Texas Regional Mobility Authority (NETRMA)
Plan Purpose

• Framework for growth
• Identification of near/long-term safety and mobility needs
• Policy Document to inform public/agencies
• System alignments/ROW/design standards
• Coordination with other cities/agencies
• Prioritization of system needs for Capital Improvements Programming
• Funding Strategies
• Transportation/land use interface
• Economic benefit
Benefits of Transportation Planning

• System Connectivity
• Increased Mobility Options and Safety
• Coordinated Implementation of Improvements
• Facilitate Growth and Development
• Informed Public
• Sensitivity to Land Planning
Transportation Plan

1. Project Coordination and Management

• Project Initiation Meeting
• Project Operations Plan and Schedule
• Quality Assurance/Quality Control
• Kaufman County Program Management Coordination

2. Data Collection and Compilation

• Data Collection
  • Env., social and economic
  • Transportation systems
• Review of Data
• GIS

1. Project Coordination and Management
2. Data Collection and Compilation
3. Public/Agency Involvement

- Project Steering Committee
- Stakeholder Input
- Public Briefings
- Public Meetings and Hearings
- Project Newsletter
- Project E-Blast Mailing List
- Project Website
- Quarterly Briefings
- Social Media
• **45 Meetings**
  - Project Initiation Meeting (Task 1.1.1) – **4 meetings**
  - Steering Committee Meetings (Task 3.1) – **6 meetings**
  - Stakeholder input: County Commissioners (Task 3.2.1) – **4 meetings**
  - Stakeholder Input: Kaufman, Terrell, Forney and Crandall staff meetings (Task 3.2.2) – **4 meetings**
  - Stakeholder Input: Other identified staff meetings (Task 3.2.3) – **4 meetings**
  - Project Briefings: With affected agencies, boards or commissions (Task 3.3) – up to **10 meetings**
  - Public Input Meetings (Task 3.4; as part of initial input (WA3), draft plan (WA8), draft final plan (WA10)) – **3 meetings**
  - Quarterly Executive Briefings (Task 3.8) – **6 meetings**
  - NCTCOG Travel Forecast Modeling (Work Area 6) – **2 meetings**
  - Public Hearing: Commissioners Court Hearings (Task 10.2) – **2 meetings**
4. Thoroughfare Goals and Objectives

- Identify Guiding Principles and Plan Goals
- Sub-Committee Work & Input Survey
- Prepare Objectives to Attain the Goals
- Prepare Performance Measures for Attaining Objectives

Example Project Goals

- Mobility
- Maintain Existing Infrastructure
- Fiscal Stewardship
- Economic Vitality

Objectives

- Specific
- Measurable
- Achievable
- Relevant
- Time Oriented
5. Existing Traffic Conditions

- Document and Review
  - Existing Roadway Operations/Operations
  - Current Roadway Conditions
  - Current and Planned Transit System
  - Non-Motorized Systems
  - Airport, Freight and Goods Movement System
- Summarize Existing Plans
- Assessment of Deficiencies
6. Travel Demand Modeling

- Review/Update NCTCOG Sub-Area Model for Land Use and Network
- Validate Base Year Model for Kaufman area Traffic Volumes
- Assess “No-Build” 2035 Operations
- Sub-Area Modeling of New Roadways and/or Congestion Mitigation Needs
- Analysis of Modeled 2025 and 2035 Network Deficiencies
- Collaborate with Steering Committee
7. Transportation System Alternatives

- Develop Transportation System Alternatives
  - Network options
  - Constrained corridor considerations
  - System strategies
- Assess Transportation System Alternatives
- Define Recommended Network Refinement Strategy
- Assessment of the Recommended Network
8. Transportation Plan

- Thoroughfare Plan and Improvements
- Street Classification and Roadway Standards
- Modal System Plans
- Steering Committee Collaboration
9. Implementation Strategies

• Transportation Plan Strategies
  – Definition of Short & Long-Range Needs
  – Action Matrix

• Funding Strategies
  – Coordination with ITS/County Bond Program
  – “Stretching the Dollar”
10. Documentation

- Mobility Plan Document
  - Draft Report
  - Town Hall Meeting/Public Review
  - Draft Final Plan
    - Steering Committee Recommendations
    - Public Hearing Process
- Final Transportation Plan Report
Transportation Plan Schedule

Project Coord. & Mgmt.

Data Collection

Public Involvement

Plan Goals and Objectives

Existing Baseline Traffic

Travel Demand Modeling

System Alternatives

Plan Recommendations

Implementation Strategies

Documentation/Presentation

Timeline:
- June 2014
- Sep 2014
- Dec 2014
- Mar 2015
- June 2015
- Sep 2015
- Dec 2015
US 80 Corridor Study

- Short & long-term mobility and safety needs of the corridor
- Urban and rural sections
- Capacity Enhancement Considerations
  - Additional lanes and/or frontage roads
  - Alternate Routes
  - Backage roads
  - Transit/Rail options
- Safety Enhancements
  - Main lane ramping
  - Bridge/underpass clearances
  - Interchange needs
  - Median barriers
  - Critical safety areas
Study Work Areas

1. Project Coordination & Management
2. Data Collection and Compilation
3. Public/Agency Involvement
4. US 80 Corridor Vision
5. Evaluation of Existing US 80 Corridor
6. Travel Demand Modeling
7. Corridor Alternatives Analysis
8. Corridor Plan Recommendations
9. Implementation Strategies
10. Documentation
US 80 Corridor Plan

1. Project Coordination & Management
   - 1.1.1 Project Initiation Meeting
   - 1.1.2 Project Operations Plan and Schedule
   - 1.1.3 Progress Reports, Invoices and Billings
   - 1.1.4 Sub-Consultant Management
   - 1.1.5 QA/QC
   - 1.1.6 Kaufman County Program Management Coordination

2. Data Collection and Compilation
   - 2.1 - Data Collection
   - 2.2 - Preliminary ROW Mapping
   - 2.3 - Review of Data
   - 2.4 - Corridor Tour
3. Public/Agency Involvement

- 3.1 - Steering Committee
- 3.2 - Stakeholder Input
- 3.3 - Public Meetings
- 3.4 - Public Briefings
- 3.5 - Project Info Sheet
- 3.6 - Project e-Blast
- 3.7 - Project Website
- 3.8 - TxDOT Coordination
- 3.9 - Animation/Visualization
- 3.10 - Quarterly Executive Briefings

4. US 80 Corridor Vision

- 4.1 – Plan Goals/Objectives
- 4.2 – Prepare Objectives to Attain the Goals
- 4.3 – Prepare Performance Measures for Attaining Objectives
5. Evaluation of Existing Corridor

- 5.1 - Current Corridor Influences
- 5.2 - Economic/Market Scan
- 5.3 - Prepare Performance Measures for Attaining Objectives

6. Travel Demand Modeling

- 6.1 – Model Development; Base Year and 20-year Corridor Forecasts and Modal Splits
- 6.2 - Level-of-Service and Operational Analyses
- 6.3 - Corridor Needs
7. Corridor Alternatives Analysis

- 7.1 - Identify Conceptual Alternatives
- 7.2 - Screen Conceptual Alternatives to Performance Measures
- 7.3 - Modeling of Conceptual Alternatives
- 7.4 - Level-of-Service and Operational Analyses
- 7.5 - Assess Effects to Regional Transportation Plan

8. Corridor Plan Recommendations

- 8.1 - Main Lane/Frontage Road Improvements
- 8.2 – Arterial Section Improvements
- 8.2 - Sub-Area Access & Circulation
- 8.3 - Land Planning Strategies
9. Implementation Strategies

• 9.1 – Transportation Plan Strategies
• 9.2 – Funding Strategies

10. Documentation

• 10.1 - Corridor Plan
• 10.2 - Public Hearings & Adoption
Corridor Plan Meetings

• **37 Meetings**
  – Project Initiation Meeting (Task 1.1) – 3 meetings
  – Steering Committee Meetings (Task 3.1) – 8 meetings
  – Stakeholder input: County Commissioners (Task 3.2.1) – 2 meetings
  – Stakeholder Input: Terrell and Forney meetings (Task 3.2.2) – 2 meetings
  – Stakeholder Input: Other identified Town staff meetings (Task 3.2.3) – 2 meetings
  – Public Meetings (Task 3.3 initial input and 8.0 draft plan) – 4 meetings
  – Project Briefings (Task 3.4) – 6 meeting
  – TxDOT Coordination (Task 3.8) – 4 meetings
  – Quarterly Executive Briefings (Task 3.10) – 4 meetings
  – Public Hearing: Commissioners Court Hearings (Task 10.2) – 2 meetings
US 80 Corridor Plan Schedule

WA1: Project Coord. & Mgmt.
WA2: Data Collection
WA3: Public Involvement
WA4: US 80 Corridor Vision
WA5: Evaluation of Existing Corridor
WA6: Traffic Operations Modeling
WA7: System Alternatives/Analysis
WA8: Corridor Plan Recommendations
WA9: Implementation Strategies
WA10: Documentation/Presentation
Kaufman County Thoroughfare Plan:
http://clients.freese.com/TransPlan/?page=Home

US 80 Corridor Study:
http://clients.freese.com/US80CorridorStudy/?page=Home

Kaufman County Bond Program:
www.kaufmancountytransportation.com
Kaufman County Contacts:

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Questions & Answers and General Discussion

Thank You!