First Series of Public Meetings

US 190/I-10 Feasibility Study

El Paso to Louisiana State Line

WilburSmith ASSOCIATES

Texas Department of Transportation
# Public Meeting Locations

<table>
<thead>
<tr>
<th>City</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fort Stockton</td>
<td>Monday, February 28</td>
</tr>
<tr>
<td>Eldorado</td>
<td>Tuesday, March 1</td>
</tr>
<tr>
<td>San Saba</td>
<td>Wednesday, March 2</td>
</tr>
<tr>
<td>Killeen</td>
<td>Thursday, March 3</td>
</tr>
<tr>
<td>Jasper</td>
<td>Monday, March 7</td>
</tr>
<tr>
<td>Livingston</td>
<td>Tuesday, March 8</td>
</tr>
<tr>
<td>Huntsville</td>
<td>Wednesday, March 9</td>
</tr>
<tr>
<td>Bryan</td>
<td>Thursday, March 10</td>
</tr>
</tbody>
</table>
Public Involvement

- Two Series of Public Meetings
- Three Newsletters
- Website: Visit www.txdot.gov and enter “US 190” in search field
- Email: TPP_US_190_Study@txdot.gov
- Hotline: 1.866.721.7868
- Mailing Address:
  US 190/I-10 Feasibility Study
  412 North Street
  Nacogdoches, Texas 75961
Study Participants

- Texas Department of Transportation
- Major Stakeholders
  - Cities
  - Counties
  - MPOs/COGs
  - Ports and Forts
  - Railroad Companies
- Public
- Consultant Team
Study Corridor

- US 190/I-10 from El Paso to Louisiana state line
- Approximately 900 miles in length
- Traverses 25 counties
Study Objectives

- Determine mobility and safety needs
- Evaluate impacts and feasibility of alternative transportation improvements
- Improve connections to military installations/deployment ports
- Identify alternative funding sources
- Develop prioritized implementation plan
- Obtain public/stakeholder input
• Prepare for the future
• Enhance safety
• Maintain transportation system
• Relieve congestion
• Enhance connectivity
• Work with partners to identify funding strategies
Study Schedule

Data Collection/Evaluation of Existing Conditions
Projected Traffic and Freight Demands
Study Placed on Hold
Identify Transportation Improvement Needs
First Series of Public Meetings
Develop and Evaluate Transportation Improvement Alternatives
Second Series of Public Meetings
Develop Recommendations/Study Documentation

July 2008 Study Starts
Late 2009
Late 2010
Early 2011
Late 2011
January 2012 Study Complete

Where We Are Now
Corridor Cities

POPULATION

- Over 20,000
- 5,000 - 20,000
Major Forts and Deployment Ports

- Fort Bliss
- Port of El Paso
- Fort Hood
- Port of Beaumont
- Port of Corpus Christi
Study Sections

I-10
New Mexico to US 190

West US 190
I-10 to US 281

Central US 190
US 281 to SH 75

East US 190
SH 75 to Louisiana
Average Daily Traffic Volumes

- I-10: 16,100 (Existing) 31,700 (Projected Year 2040)
- West US 190: 1,300 (Existing) 3,400 (Projected Year 2040)
- Central US 190: 23,100 (Existing) 39,600 (Projected Year 2040)
- East US 190: 10,800 (Existing) 22,500 (Projected Year 2040)

Existing | Projected Year 2040
Existing Percent Trucks

- **I-10**
  - New Mexico to US 190: 46%
  - I-10 to US 281: 30%

- **West US 190**
  - US 281 to SH 75: 19%

- **Central US 190**
  - SH 75 to Louisiana: 17%

- **East US 190**
Future Congestion Areas

Generalized Areas of Congestion
High Crash Locations

CRASH RATE

- Above Statewide Average
- Greater than Twice Statewide Average
Geometric Deficiencies

Generalized Areas of Geometric Deficiencies
Evaluation Process

Freeway Feasible?

• Conduct Detailed Evaluation
• Refine Alternatives
• Prioritize/Stage Improvements
• Identify Potential Funding Sources

Four-Lane Highway Feasible?

Interim/Localized Improvements
• Grade Separations
• Truck Passing Lanes
• Relief Routes
• Other Operational/Geometric Improvements
Texas Highway Trunk System

- 11,500 miles of rural divided highways
- Connect and/or serve:
  - Texas cities (20,000+ population)
  - Major highways
  - Forts and Ports
  - Tourism/Recreational areas
- Comprise major truck routes
Study Corridor Trunk System
## Freeway vs Highway

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>Freeway (Four-Lane)</th>
<th>Highway (Four-Lane)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Access</td>
<td>Full Access Control</td>
<td>Partial Access Control</td>
</tr>
<tr>
<td>Speed</td>
<td>55 – 70 mph</td>
<td>45 – 60 mph</td>
</tr>
<tr>
<td>Right-of-Way</td>
<td>300 - 400 feet</td>
<td>250 feet</td>
</tr>
<tr>
<td>Grade Separations/Interchanges*</td>
<td>65 - 75</td>
<td>20 - 30</td>
</tr>
<tr>
<td>Roadway Capacity (LOS C)</td>
<td>50,000 – 55,000 vpd</td>
<td>40,000 – 45,000 vpd</td>
</tr>
<tr>
<td>Cost per Mile</td>
<td>$9 - $11 m</td>
<td>$5 - $7 m</td>
</tr>
</tbody>
</table>

* Indicates number of grade separations/interchanges along US 190
Typical Diamond Interchange
Four-Lane Typical Cross Section

FREEWAY
70 mph Design Speed

FOUR LANE DIVIDED HIGHWAY
60 mph Design Speed
Potential Right-of-Way Needs

Less than 250 Feet
Major Study Elements

- Mobility/Safety
- Engineering/Cost Considerations
- Economic Development
- Cost Effectiveness
- Environmental/Land Use

PUBLIC INPUT
Total Freeway Alternative

From New Mexico to Louisiana
Total Freeway Alternative

Optional Alignments

A – US 277 (Sonora to Eldorado)
B – US 83 (Junction to Menard)
C – SH 30 (Bryan to Huntsville)
D – SH 63 (East of Jasper)
Fort-to-Fort Alternative

Freeway from New Mexico to I-35
Fort-to-Port Alternative

Option A
Freeway from New Mexico to I-45
Fort-to-Port Alternative

Option B
Freeway from New Mexico to US 69

Freeway
Four-Lane Highway
Evacuation Alternative

Freeway from Fort Hood to Louisiana

- Freeway
- Four-Lane Highway
Mobility/Safety Alternative

Freeway from Fort Hood to US 59 (Future I-69)

Map showing a proposed freeway from Fort Hood to US 59, with a future I-69 route highlighted in yellow. The map includes major cities and highways along the route.
Interim/Localized Improvements

- Grade Separations
- Truck Passing Lanes
- Relief Routes
- Standard Travel Lane and Shoulder Widths
- Intelligent Transportation System (ITS)
- Other Operational and Geometric Improvements
Next Steps

• Review and Consider Public Input
• Evaluate Alternatives
• Present and Solicit Public Input on Evaluation Results
• Develop Recommendations
• Study Report
Thank You!

Open House Format
Until 8:00 PM