I-20 EAST TEXAS CORRIDOR STUDY

TxDOT Planning Conference, Corpus Christi
June 4th, 2014
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Introduction
Background – Transportation Characteristics

- Approx. 155 miles
- 62 Interchanges
- 33 Over/Underpass
- 3 RR Over/Underpass

- 2 Rest Areas
- 1 Weigh Station
- 1 Flyover Connection
- 2 lanes in each direction

1. Except for three lanes in each direction for about 10 miles east of I-635
Examples of Corridor Features along I-20

- Economic Development Areas
- Intermodal Centers & Distribution Centers
- Airports / Rail Facilities
- Lignite Mine Near SH 43
I-20 East Texas Corridor Advisory Committee
Texas Transportation Commission Minute Order 113664 passed on August 29, 2013 authorized the creation of the I-20 East Texas Corridor Advisory Committee.

I-20 East Texas Corridor Advisory Committee Mission Statement

The I-20 East Texas Corridor Advisory Committee will promote and facilitate the involvement and input of affected local communities and interested stakeholders to identify and prioritize multimodal transportation needs of this corridor with a focus on safety, mobility, congestion, and air quality for travelers and freight through East Texas.
I-20 East Texas Corridor Advisory Committee Membership

- Dallas County
- Gregg County
- Harrison County
- Kaufman County
- Smith County
- Van Zandt County
- City of Balch Springs
- City of Canton
- City of Forney
- City of Lindale
- City of Longview
- City of Marshall
- City of Mesquite
- City of Seagoville
- City of Terrell
- City of Tyler
- Dallas Area Rapid Transit
- North Central Texas Council of Governments
- North East Texas Regional Mobility Authority
- Longview Metropolitan Planning Organization
- Tyler Metropolitan Planning Organization
Advisory Committee Meetings

- **July 2013 – Kick-off Meeting – Longview, Texas**
  - Study Introduction
  - Forming an Advisory Committee
  - Additional Member Organizations
  - Developed Mission Statement

- **October 2013 – 2nd Meeting – Terrell, Texas**
  - Identified Issues & Opportunities
  - Developed Goals and Objectives
  - Defined Public Outreach Strategies
Advisory Committee Meetings

- **Jan 2014 – 3rd Meeting – San Antonio, Texas**
  - Lessons learned from Alliance for I-69 Texas
  - Review of Financing Strategies
  - Smith County TRZ efforts

- **Feb 2014 – 4th Meeting – Mesquite, Texas**
  - Initiate Public Outreach by Members
  - Prioritize Committee Objectives
  - Presentation on Technical Analysis
  - Identify Potential Projects
Study Schedule
### Study Schedule

<table>
<thead>
<tr>
<th>Month</th>
<th>Key Milestones</th>
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<tbody>
<tr>
<td><strong>July 2013</strong></td>
<td>• Kick-off and Study Introduction</td>
</tr>
<tr>
<td><strong>October 2013</strong></td>
<td>• Identify Issues/Opportunities &amp; Corridor Features&lt;br&gt;• Define Public Outreach Strategies&lt;br&gt;• Develop Goals and Objectives</td>
</tr>
<tr>
<td><strong>January 2014</strong></td>
<td>• Review of Financing Strategies</td>
</tr>
<tr>
<td><strong>February 2014</strong></td>
<td>• Identify Potential Projects&lt;br&gt;• Kick-off Initial Public Outreach</td>
</tr>
<tr>
<td><strong>April 2014</strong></td>
<td>• Update on Member’s outreach efforts</td>
</tr>
<tr>
<td><strong>May 2014</strong></td>
<td>• Members complete Initial Public Outreach</td>
</tr>
<tr>
<td><strong>June 2014</strong></td>
<td>• Evaluate and Prioritize Projects&lt;br&gt;• Review Summary of Initial Public Outreach</td>
</tr>
<tr>
<td><strong>August 2014</strong></td>
<td>• Review Draft Corridor Plan&lt;br&gt;• Prepare for Draft Corridor Plan Public Outreach</td>
</tr>
<tr>
<td><strong>Sept. – Oct. 2014</strong></td>
<td>• Members Hold Open House(s)</td>
</tr>
<tr>
<td><strong>November 2014</strong></td>
<td>• Review Public Input Received at Open House(s)&lt;br&gt;• Finalize Corridor Plan</td>
</tr>
<tr>
<td><strong>December 2014</strong></td>
<td>• Present Plan to Texas Transportation Commission</td>
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Technical Analysis
Technical Analysis – Crash Hotspots

Summary of Crash Hotspots
- Crash Type
- Surface Condition
- Lighting Condition
- Top Contributing Factors

Hotspot Analysis DRAFT

Legend
- Crash Rate (Main Lanes)
- Crash Rate measured per 100 million vehicle miles traveled

Source: TxDOT Crash Records Information System (CRIS)

1-20 Study Area Counties

2.5 5 10 20 30

Miles
Technical Analysis – Crash Hotspots

Summary of Crash Hotspots

<table>
<thead>
<tr>
<th>Crash Type</th>
<th>Single Vehicle</th>
<th>Multiple Vehicle</th>
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<tbody>
<tr>
<td>(Total Count)</td>
<td>23%</td>
<td>36%</td>
</tr>
<tr>
<td>Surface Condition (Total Count)</td>
<td>25%</td>
<td>38%</td>
</tr>
<tr>
<td>Dry</td>
<td>46%</td>
<td>54%</td>
</tr>
<tr>
<td>Wetly</td>
<td>54%</td>
<td>46%</td>
</tr>
<tr>
<td>Lighting Condition (Total Count)</td>
<td>25%</td>
<td>38%</td>
</tr>
<tr>
<td>Daylight</td>
<td>71%</td>
<td>29%</td>
</tr>
<tr>
<td>Dark</td>
<td>22%</td>
<td>18%</td>
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</table>

Top Contributing Factors (Total Count) | 32% | 68% |
| Speed           | 62%            | 38%              |
| Other             | 38%            | 62%              |

Legend

Crash Rate* (Main Lanes)
Five-year Average Crash Rate for Texas Rural Interstates: 43.9

* Crash rate measured per 100 million vehicle miles traveled

Source: TxDOT Crash Records Information System (CRIS)
Interchange Safety

Interchange Rating
- A: Excellent
- B: Meets Requirements
- C: Marginally Acceptable
- D: Below Minimum Standards

Ramp Rating

<table>
<thead>
<tr>
<th>Rating</th>
<th>Entrance Ramps</th>
<th>Exit Ramps</th>
<th>Total Ramps</th>
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<tbody>
<tr>
<td>A</td>
<td>72</td>
<td>73</td>
<td>145</td>
</tr>
<tr>
<td>B</td>
<td>11</td>
<td>13</td>
<td>24</td>
</tr>
<tr>
<td>C</td>
<td>17</td>
<td>17</td>
<td>34</td>
</tr>
<tr>
<td>D</td>
<td>14</td>
<td>15</td>
<td>29</td>
</tr>
<tr>
<td>N/A</td>
<td>6</td>
<td>10</td>
<td>16</td>
</tr>
<tr>
<td>Total</td>
<td>122</td>
<td>128</td>
<td>250</td>
</tr>
<tr>
<td>Total Interchanges</td>
<td>62</td>
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Public Outreach
Public Outreach

PUBLIC INVOLVEMENT TOOLS USED ON OTHER TXDOT PROJECTS

WEBSITES & SOCIAL MEDIA

BROCHURES & POCKET CARDS

OPEN HOUSES

COMMUNITY PRESENTATIONS & ACTIVITY FORMS

COMMENT CARDS

HANDOUTS

I-20 EAST TEXAS CORRIDOR STUDY
Outreach Activities by Advisory Committee Members

- Advisory Committee members have conducted 19 presentations including:
  - City Councils
  - Chambers of Commerce
  - Commissioners’ Court
  - Rotary Club
  - Planning and Zoning Commission
  - Town Hall Meeting
  - City Manager’s Meeting
  - MPO Technical Committee
  - MPO Public Meeting

- Advisory Committee members have reached out to over 400 people

- 47 public comments have been received through the project page

- 237 responses to the public input survey have been received
Next Steps
Project Prioritization

Initial Round

- Level 1: Generalized Improvement Concepts
- Level 2: Specific Identified Projects

Committee Discussion on Initial Round Results

Final Round

- Level 1: Generalized Improvement Concepts
- Level 2: Specific Identified Projects
Upcoming Meetings and Next Steps

- Passenger Rail Study Results
- Emerging Trends and Technologies
- Financing Strategies
- Project Definition
  - Interchanges / Ramps
  - Frontage Roads
  - Additional Capacity
- Project Prioritization
- Initial Public Outreach Update
- Draft I-20 East Texas Corridor Plan
- Draft Plan Public Outreach
- Final I-20 East Texas Corridor Plan
Questions and Comments

For further information, please contact:

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