Presentation Outline

- Interstate 24: A Strategic Corridor
- Study Approach and Schedule
- Current Conditions along I-24
- Website and Comment Form

Study Update
Interstate 24: A Strategic Corridor
I-24 Corridor Map
Study Purpose

Identify and Prioritize Projects for Efficient Programming into Long Range Plans & TDOT 3-Year Program

Evaluate the impact of multimodal solutions that will manage congestion, improve safety, maximize potential for freight diversion, and preserve/enhance the corridor’s economic benefits

Identify deficiencies on Interstate 24 within the State of Tennessee based on current and future travel demands
Study Approach

1. Inventory & Data Compilation
2. Existing Conditions Assessment
3. Identification & Evaluation of Multimodal Alternatives
4. Project Identification and Prioritization
5. Public Involvement
6. Project Management
Schedule

1. Inventory and Data Compilation
2. Existing Conditions Assessment
3. Identification and Evaluation of Multimodal Alternatives
4. Project Identification and Prioritization
5. Public Involvement
6. Project Management

“P” – Public Meeting
“A” – Advisory Committee Meeting

Study Update
2010 Population by County
2040 Population by County

Legend

<table>
<thead>
<tr>
<th>Population Range</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt;=35</td>
<td>Dark Green</td>
</tr>
<tr>
<td>35 - 50</td>
<td>Green</td>
</tr>
<tr>
<td>50 - 100</td>
<td>Light Green</td>
</tr>
<tr>
<td>100 - 200</td>
<td>Yellow</td>
</tr>
<tr>
<td>200 - 350</td>
<td>Orange</td>
</tr>
<tr>
<td>350 - 500</td>
<td>Brown</td>
</tr>
<tr>
<td>&gt;500</td>
<td>Red</td>
</tr>
</tbody>
</table>

- Interstate 24

Study Update
2010 Employment by County
2040 Employment by County

Legend
- 2040 Employment (1,000s)
  - <10
  - 10 - 20
  - 20 - 50
  - 50 - 90
  - 90 - 150
  - 150 - 350
  - >350
  - Interstate 24
Delay in the I-24 Study Area

<table>
<thead>
<tr>
<th>Corridor Areas</th>
<th>Total Daily Vehicle Hours of Delay</th>
</tr>
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<tbody>
<tr>
<td>Clarksville</td>
<td>5, 56</td>
</tr>
<tr>
<td>Nashville</td>
<td>1,094</td>
</tr>
<tr>
<td>Chattanooga</td>
<td>25, 111</td>
</tr>
</tbody>
</table>

Study Update
Average Speed in I-24 Study Area

Average Travel Speed (MPH)

Clarksville  Nashville  Chattanooga

2010  46  44  47
2040  37  31  42
Truck Trips in I-24 Study Area
Truck Travel in I-24 Study Area

Daily Vehicle Miles of Travel

<table>
<thead>
<tr>
<th>Corridor Areas</th>
<th>2010</th>
<th>2040</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clarksville</td>
<td>500</td>
<td>1,290</td>
</tr>
<tr>
<td>Nashville</td>
<td>4,256</td>
<td>11,408</td>
</tr>
<tr>
<td>Chattanooga</td>
<td>2,000</td>
<td>4,515</td>
</tr>
</tbody>
</table>
Peak Hour Congestion Along I-24

Legend

Peak Hour Level of Service
- LOS C or Better
- LOS D
- LOS E or F
- City Limit Boundary
- Study Corridor Boundary

Study Update
Peak Hour Queuing of Vehicles Along I-24
Animation of Traffic Along I-24
Website and Comment Form

- [http://www.tdot.state.tn.us/i24/](http://www.tdot.state.tn.us/i24/)
  - Documents
  - Public Meeting Dates and Locations
  - Comment Form

- Fill out Comment Form Online or at Public Meeting
Study Update

Comment Form Overview through April 22nd

Q: How were the comment forms submitted?

- On-line Survey: 85%
- Electronic PDF: 5%
- Mail: 9%
- Fax: 1%
Q: **Why do you use I-24?**

- **To/From Work**: 51%
- **Business**: 23%
- **Leisure**: 20%
- **Other**: 6%
Q: How often do you use I-24?

- Frequently: 58%
- Often: 28%
- Sometimes: 10%
- Rarely: 3%
- Never: 0%
Q: What is the importance of less congestion to you?

- Very - 5: 58%
- 4: 24%
- 3: 5%
- 2: 4%
- Least - 1: 9%
Q: What is the importance of safer travel to you?

- Very - 5: 52%
- 4: 21%
- 3: 15%
- 2: 7%
- Least - 1: 5%
Q: What is the importance of better/more efficient interchanges to you?

- Very important (5): 32%
- Somewhat important (4): 30%
- Neutral (3): 20%
- Somewhat unimportant (2): 9%
- Least important (1): 8%
Q: What is the importance of other issues to you?

- Lack of enforcement of existing laws
- Not enough commuter rail and bus options
- Not enough exits
- HOV lanes don’t work
- Speed of trucks too high
- Poor “wayfinding” and lane markings
- No alternate routes

Study Update
Q: What ideas do you have that could improve/correct your I-24 Corridor problems/concerns?

1. Additional lanes 27%
2. Public transit alternatives 27%
3. More state troopers / improved enforcement 12%
4. Remove / open HOV lanes 10%
5. Longer merge lanes / on-ramps 8%
6. Additional exits 7%
7. Widen lanes 5%
8. Alternate routes 3%
9. Expand freight alternatives 2%
Questions

Interstate 24 Multimodal Corridor Study