Interstate 24 Multimodal Corridor Study
Introductory Meeting
August 24, 2012
Agenda

The Atkins Team

The Atkins team and their responsibilities

Study Background

Interstate 24 Corridor: A Strategic Corridor; Interstate 24 Corridor Maps; Study Purpose

Technical Approach

Data Compilation; Existing Conditions; Evaluation of Alternatives; Project Prioritization; Public Involvement; Project Management

Schedule

Timeline of the entire study and individual tasks and dates of key meetings
The Atkins Team

Interstate 24 Multimodal Corridor Study
Introductory Meeting
The Atkins Team

<table>
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<tr>
<th>Firm Name</th>
<th>Responsibility</th>
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<tbody>
<tr>
<td>ATKINS</td>
<td>Project Management, Technical Analysis, Production of All Technical Documents &amp; Reports, Coordination with TDOT</td>
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<td>SAIN associates</td>
<td>Assistance with Data Compilation &amp; Existing Conditions</td>
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<td>Younger Associates</td>
<td>Public Involvement</td>
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Study Background

Interstate 24 Multimodal Corridor Study
Introductory Meeting
Study Background

• Interstate 24: A Strategic Corridor
• Interstate 24 Study Area
• Study Area Maps
• Purpose of Study
Interstate 24: A Strategic Corridor

- **Interstate 24 was identified in the Long Range Transportation Plan (Plan Go) as a Strategic Corridor**
  - Strategic corridors are major highways that form the backbone of the State’s transportation system
  - Strategic corridors carry a large portion of the State’s traffic that links major activity centers
  - Interstate 24 is fundamental to the State’s economic development
  - Interstate 24, as a strategic corridor, is also under the most pressure due to rapid traffic growth, especially freight
  - Interstate 24 is the third strategic corridor studied, following the Interstate 40/81 study and the Interstate 75 study
# Interstate 24 Study Area

<table>
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<tr>
<th>Length</th>
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Study Area Map – State
Study Area Map – Corridor
Study Area Map – Chattanooga
Study Area Map – Nashville
Study Area Map – Clarksville
Study Purpose

Identify and Prioritize Projects for Efficient Programming into Long Range Plans

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
Technical Approach
Interstate 24 Multimodal Corridor Study
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Technical 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
1. Inventory & Data Compilation

- Previous & Current Studies
- Traffic Counts
- Travel Demand Models
- Travel Survey Data
- Socioeconomic Data
- Land Use/Policies Data
- Environmental Screening Data
- Base Mapping
- Crash Data
- Roadway Geometric Conditions Data
- ITS
2. Existing Conditions Assessment

- Travel Model Development/Refinement
- Development of Performance Measures
- Existing Demographics
- Crash History Analysis
- Existing Land Use
- Existing Transportation System Operational Evaluation
- Existing Geometric Conditions Evaluation
  - Field Verification of TRIMS Data for Truck Climbing Lanes

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3. Identification & Evaluation of Multimodal Alternatives

- E+C & Currently Planned System Evaluation
- Capacity & Operational Improvements
- Freight Improvements
- Scenario Transportation System Evaluation
- Economic Impact Analysis
- Environmental Screening
- Transportation Improvements Cost Estimates

**Types of Potential Projects:**
- Capacity
- Operational
  - Truck Climbing Lanes
- Transit
- Safety
- Freight Movement and Diversion
- Economic Access
- Intermodal Facilities
4. Project Identification & Prioritization

- Project Identification
- Project Prioritization
- Final Report & Executive Summary
5. Public Involvement

Public Involvement Plan

Public Meetings

Advisory Committee Meetings
6. Project Management

- Communication
- Work Plan, QA/QC, Schedule
- Quality Deliverables

Introductory Meeting
Schedule

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1. Inventory and Data Compilation
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Questions

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