Memphis Urban Area Metropolitan Planning Organization (MPO)

Regional Freight Plan

July 2016
Outreach

- Memphis MPOs: TPB, PLAC, FAC, ETC
- Agencies & Government Units
- Industry
- Transportation Providers & Users
- Stakeholders
Key Elements of the Plan
- Specific project legacies: Lamar Avenue
- Urban and rural alignment
- Alignment with Arkansas
- Continuity with 2040 RTP
  - Livability
  - Sustainability
  - Accessibility
  - Environmental
- Management strategies for through traffic
- Congestion reduction
- Performance metrics & tracking
- Land Use
  - Industrial and commercial sites
  - Repurposed sites & facilities
  - At-grade railroad/roadway crossings
- Outreach and engagement
Plan Deliverables

- Freight Competitiveness: Industrial Sites Served by Transportation
- Near-term Decisions and Medium-term Programs
- Program Implementation, Adaptation and Continuous Improvement

Plan Enables the Region

- Plan will align with the State’s freight and modal transportation planning efforts
- Meet the requirements from the FAST Act, the 2015 federal transportation legislation
- Framework to measure progress and identify tradeoffs for the region
Task 1: Freight Movement & Infrastructure

- Local Issues, trends and freight assets
- Re-routing options for freight trucks in heavy traffic or congestion, alternative routes & congestion mitigation strategies
- Strategies addressing congestion from non-recurring roadway incidents
- An inventory & prioritization of improvements for freight routes; truck parking demands

Task 2: Land Use & Transportation Planning

- An analysis of future traffic impacts from land development patterns
- Analysis & projection of industrial land use supply & demand for the next 20-30 years
- Land use strategies to concentrate freight activities & improve productivity
Task 3: Goals, Objectives, & Performance Metrics

- Builds on Stakeholder Engagement
- Adoption of the 2040 Livability RTP
- An assessment of Memphis’s transportation infrastructure & freight performance with regional competitors
- A gap analysis of current performance, identify innovative solutions to improve productivity

Task 4: Community & Stakeholder Engagement

- Key Strategies
- Identification of stakeholder priorities
- Identification of freight transportation deficiencies
Task 5: Goals, Objectives, & Performance Metrics

- Builds on Stakeholder Engagement
- Adoption of the 2040 Livability RTP
- An assessment of Memphis’s transportation infrastructure & freight performance with regional competitors
- A gap analysis of current performance, identify innovative solutions to improve productivity

Task 6: Economic Impacts & Program Funding

- Economics – Benefits & Impacts of Freight
- Analysis of future economic threats to the region’s competitive freight position
- Development of a strategic financing plan that support implementation
- Economic assessment of candidate investments
Task 7: Modal Alignment

- Continuity Between Modes
- Infrastructure Resilience & Sustainability
- An analysis of freight flows
- An analysis of current terminal capacity at primary interchange points
- Recommendations for improvement of terminal throughout & productivity based on highway connectivity

Task 8: Investment & Development Program

- Greater Memphis Region’s Competitive Position
- FAST Act Freight Program: Urban and rural alignment
- Identification of investment priorities & scenarios
- Identification of alternative & patterned funding sources for transportation investment
Project Timeline

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<tr>
<th>Task No</th>
<th>Task Description</th>
<th>Month</th>
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<tbody>
<tr>
<td>1</td>
<td>Freight Movement &amp; Infrastructure</td>
<td>Jul-16</td>
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<td>2</td>
<td>Land Use &amp; Transportation Planning</td>
<td>Aug-16, Sep-16</td>
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<td>3</td>
<td>Strategic Freight Corridors</td>
<td>Oct-16, Nov-16</td>
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<td>4</td>
<td>Community and Stakeholder Engagement</td>
<td>Dec-16, Jan-17</td>
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<td>5</td>
<td>Goals, Objectives &amp; Performance Metrics</td>
<td>Feb-17</td>
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<td>6</td>
<td>Economic Impacts &amp; Program Funding</td>
<td>Mar-17</td>
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<td>7</td>
<td>Modal Alignment</td>
<td>Apr-17</td>
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<td>8</td>
<td>Investment &amp; Development Program</td>
<td>May-17</td>
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<td>Finalize Project Report Review &amp; Comment Response</td>
<td>Jun-17</td>
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- Completion - June 1, 2017
- Process for final reviews to be scheduled

Project Team

- AECOM Inc. (Prime Consultant)
- Kimley-Horn and Associates
- Carter Malone Group, LLC
- THY, Inc.
- Prime Focus, LLC
- CEP Consultants, Inc.
FAC’s Role

Principal committee providing oversight and input for the Regional Freight Study

- **Freight Stakeholder**: Congestion mitigation, Timely / effective maintenance, Major arterial roadways and freight movement
- **Future topics**: Statewide integration of local and regional transportation plans under the FAST Act

- **Tentative Future Meetings**
  - August 3, 2016
  - September 20, 2016
  - November 1, 2016
  - 2017 dates - TBD
Memphis Urban Area MPO

Regional Freight Plan

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