TPB AGENDA ITEMS

February 20, 2014
ITEM 5 – MPO Administrator’s Report

a) 2014-17 TIP Project Tracking- next update at May 2014 meeting

b) Paperless Meeting Technology-system in place by May 2014

c) Regional Transportation Plan Update- Livability 2040
   a) Kick Started the process in December 2014 – release of the 3 videos

d) MPO current RFQs
   a) Authorizing MPO Staff to set up the selection committee members. - ACTION
   b) Requesting TPB to select Chair for the Regional Transportation Plan RFQ selection committee – ACTION
ITEM 5 – MPO Administrator’s Report contd.

e) MPO Studies Update-

   a) Bike and Pedestrian Plan Update
      - Jurisdictional Meetings to be scheduled in late Feb/early March
      - Bike/Ped Plan Update Kick-off meeting scheduled for March 26, 2014 at Central Library
      - Scheduled for November 2014 adoption

   b) Household, Freight, Bike Ped and Transit Travel Survey
      - Transit On Board Survey completed in December 2013- data checks underway
      - Household Survey Started in Jan 2014 – go until April/ May2014
      - Freight Survey and Bike Ped Survey- Start in Spring 2014,
        - include stakeholder interview of at least 100 freight companies/ agencies- transportation providers (truck, air, water, and rail), shippers, 3PL providers, warehouse/distribution operators, commercial real estate firms, economic development professionals, and government officials

   c) Coordinated Human Services Transportation Plan Update – in house update MPO Staff and MATA staff

f) Air Quality State Implementation Plan (SIP) Amendment – Shelby County Health Department
ITEM 6 – By Laws Update

1. Addition of New Members
2. Previous Corrective Actions
3. Vacancy & Attendance Clauses
4. Committee Restructuring
ITEM 6 – By Laws Update contd.

New MPO Members

a) City of Oakland, Fayette County, TN
b) Town of Rossville, Fayette County, TN
c) Marshall County, MS representatives
d) City of Byhalia, Marshall County, MS
ITEM 6 – By Laws Update contd.

Vacancy Clause

• *Article IV, #5* – Should the office of Chairperson or Vice-Chairperson become vacant, the TPB shall, at its next regular meeting, elect a successor for the unexpired term of office.

Attendance Clause

• *Article VI, #5* – Each member shall be expected to attend each regular meeting. When voting members (or their authorized alternates) do not attend three (3) consecutive MPO meetings, the Memphis Urban Area MPO Administrator will send to the chief elected officer of the jurisdiction of the member in question, a letter indicating the number of absences and requesting reaffirmation or re-designation of the jurisdiction’s representative.
ACTION

ITEM 6 – By Laws Update contd.

Committee Changes

1. Duties and responsibilities clarified
   • Streamlined committee structure
2. Improved the written language
3. Addition of new committees and their duties
4. Restructuring of existing committees
ITEM 6 – By Laws Update contd.

Current Committee Structure
1. Engineering & Technical Committee (ETC)
2. Air Quality Committee (Interagency Consultation)
   • Agencies and jurisdictions involved in air quality conformity process
3. Bike Ped Advisory Committee (BPAC)
   • Agencies, jurisdictions, and community partners
4. Citizen Advisory Committee (CAC)
   • Community partners, interested citizens
5. Freight Committee
   • Agencies, chamber reps, jurisdictions, private industry
6. Transportation Safety
   • Agencies, first responders
ITEM 6 – By Laws Update contd.

Recommended Committee Structure
1. Engineering & Technical Committee (ETC)- No change
2. Active Transportation Advisory Committee (ATAC)  
   • Combine CAC and BPAC
3. Interagency Consultation Committee (IAC)- No change
4. Freight Advisory Committee (FAC)- No change
5. Planning & Land Use Advisory Committee (PLAC)  
   • New Recommendation
6. Ad hoc steering and advisory committees- as needed
ITEM 6 – By Laws Update contd.

Freight Committee
1. Provide a forum for regional freight stakeholders
2. Increase public-private collaboration
3. Public outreach on freight importance and needs
4. Committee Membership
   • Private Sector – Railroad, Trucking and Shipping, Logistics, Warehouse and Distribution, etc.
   • Public Sector– State DOTs, FHWA, Airport, Port, City of Memphis, Shelby County, West Memphis MPO, Fayette County, Desoto County, etc.
   • Economic Development Agencies – EDGE, Suburban Chambers of Commerce, Marshall County etc.
   • Research - Educational Institutions
ITEM 6 – By Laws Update contd.

Active Transportation Advisory Committee
1. Brings a holistic view of transportation system
2. Combines the CAC and BPAC
3. Committee Membership
   • Technical Staff
   • General Citizens
   • Advocacy Groups
   • Academic Institutions
   • Trail Groups
   • Transit Providers
   • Business Community
   • Health Agency
ITEM 6 – By Laws Update contd.

Planning & Land Use Committee
1. Recommended by MPO staff
2. Solidify role of land use planning in the transportation planning process
3. Coordinate municipal and regional planning efforts
4. Proposed Committee Membership:
   • Planning directors or principal planners
   • Housing and economic development officials
ITEM 6 – By Laws Update contd.

Critical Vote

1. A critical vote may be called by any voting member following a regular vote on the following issues:
   - Long Range Transportation Plan
   - Transportation Improvement Plan
   - Unified Planning Work Program
   - MPO By-Laws

2. Critical vote is considered a *last resort*

3. 60% Majority Vote Recommendation
   - 120 of 200 possible votes
   - Requires four local jurisdictions in the prevailing decision to carry
Proposed Critical Vote Structure

- Four new voting members
- New Population data (2010 Census)
- 200 vote system
  - 120 votes to carry
  - Four jurisdictions to carry
ITEM 8: Functional Classification Amendment

Nail Road
Hacks Cross Rd. to Center Hill Rd.
Current Functional Class: N/A
Requested Class: Proposed Urban Collector
AADT: N/A
Length: 3 Miles

Legends:
- Urban Interstate
- Urban Minor Arterial
- Urban Freeway or Expressway
- Rural Collector
- Rural Other Principal Arterial

Note: The Memphis MPO will be working to update the road classifications based on the 2013 Edition of the FHWA Functional Classification Guidelines.
ITEM 9: CMAQ Project Overview

- TDOT announced the request for 2014 CMAQ project proposals on January 17, 2014
- TN Jurisdictions/Agencies were notified by MPO on January 21, 2014
- **Total of 7 project proposals received:**
  - 4 City of Memphis
  - 2 Shelby County (Shelby County Congestion Management Program)
  - 1 City of Memphis, MLGW & Dillon Transport (Public-Private Partnership)
  - **Total CMAQ Funding Request: $11,187,000**
    - FY 2014: $5,387,000
    - FY 2015: $915,000
    - FY 2016: $4,885,000
- TDOT will announce projects selected for funding in April 2014
### ITEM 9: CMAQ Project Overview contd.

<table>
<thead>
<tr>
<th>Lead Agency</th>
<th>Project Name</th>
<th>Project Type</th>
<th>Project Phase</th>
<th>Project Budget</th>
<th>Total Emission Reductions (Kg/Year)</th>
<th>Cost Effectiveness ($/Kg/Year)</th>
<th>Ranking</th>
</tr>
</thead>
<tbody>
<tr>
<td>Memphis</td>
<td>Traffic Signal Equip. Replacement</td>
<td>Traffic Signal</td>
<td>PE-D, Const. &amp; CEI</td>
<td>$610,000</td>
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<td>Shelby County</td>
<td>Congestion Management Program</td>
<td>Signal Timing</td>
<td>PE-N &amp; Const.</td>
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<td>Shelby County</td>
<td>Congestion Management Program</td>
<td>Traffic Signal</td>
<td>PE-N, PE-D &amp; Const.</td>
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<td>Memphis</td>
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<td>Traffic Signal</td>
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<td>Memphis</td>
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<td>Memphis /MLGW</td>
<td>CNG Truck Deployment</td>
<td>Alt. Fuel</td>
<td>Purchase</td>
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<td>$3,453,845</td>
<td>$3,953,845</td>
<td>$41,445.00</td>
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</table>

*Project Proposal Received After MPO Deadline (Feb. 4, 2014)
ITEM 9: CMAQ Project Overview contd.

- TDOT will hold separate competitions for project proposals. Grant information for these initiatives will be posted on TDOT’s website at [www.tdot.state.tn.us/cmaq](http://www.tdot.state.tn.us/cmaq) as it becomes available.

<table>
<thead>
<tr>
<th>2014 Strategic Air Quality Initiatives</th>
<th>Funding Set Aside</th>
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<tbody>
<tr>
<td>Park and Ride Lots</td>
<td>$ 4 Million</td>
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<tr>
<td>New or Expanded Transit Service</td>
<td>$ 6 Million</td>
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<tr>
<td>Cleaner Transit Buses</td>
<td>$ 6.6 Million</td>
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<tr>
<td>Tennessee Commute Options</td>
<td>$ 3 Million</td>
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<tr>
<td>Transportation Systems Management &amp; Operations (TSM&amp;O) Pilot</td>
<td>$ 2 Million</td>
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<tr>
<td>PM 2.5 Strategies (MAP-21 set aside):</td>
<td>$ 8.28 Million</td>
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<tr>
<td>- Cleaner Diesel Technology Rebates</td>
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<tr>
<td>- Clean Road Construction Pilot Project</td>
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</tbody>
</table>
ITEM 9: CMAQ Project Overview contd.

- Project sponsors will work with the MPO to include the projects into the FY 2014-17 TIP
- Multi-year contracts can only be obligated one year at a time
  - Subsequent years of funding are dependent on project making reasonable progress in the first year of the project
- No project scope changes without TDOT and MPO Approval
- The CMAQ fund will revert to the state, if the sponsor decides to cancel the project
- Cost overruns are the responsibility of the project sponsor
- Funds not obligated within two years of contract date may revert back to the state
- Project sponsors must incur expenses and begin billing TDOT within one year of project obligation
- Must submit quarterly reports to the MPO
## ITEM 10: UPWP FY 2015 Major Tasks

<table>
<thead>
<tr>
<th>PROJECT/TASK</th>
<th>FY 2015</th>
</tr>
</thead>
<tbody>
<tr>
<td>MPO Performance Measures</td>
<td>&gt;</td>
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<tr>
<td>TIP Project Tracking</td>
<td>&gt;</td>
</tr>
<tr>
<td>FY 2014-17 TIP Amendment/Adjustment</td>
<td>&gt;</td>
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<tr>
<td>Household Travel Survey &amp; Model Update</td>
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<tr>
<td>Air Quality Conformance</td>
<td>&gt;</td>
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<tr>
<td>Congestion Management Plan</td>
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<tr>
<td>2040 LRTP (Livability 2040)</td>
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<tr>
<td>MPO Land Use Model Update</td>
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<tr>
<td>Coord. Human Services Plan</td>
<td>&gt;</td>
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<tr>
<td>Bike Ped Plan Update</td>
<td>&gt;</td>
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</tbody>
</table>

>Project cont'd from FY 2014

*Project cont's into FY 2015
MEMPHIS URBAN AREA MPO
REGIONAL
INTELLIGENT TRANSPORTATION SYSTEM
ARCHITECTURE UPDATE

TPB Meeting February 20, 2014
Project Overview

• Update of the 2010 Memphis Urban Area Regional ITS Architecture and Deployment Plan

• Provides a long range plan for the deployment, integration, and operation of ITS in the Region

• Relies extensively on stakeholder input through workshops and interviews

• Required by the FHWA and FTA in order to use federal transportation funds on ITS projects in the Region
Scope and Schedule

Key Dates
Notice to Proceed Received: January 15, 2014
Stakeholder Kick-off Workshop: March 6, 2014
Stakeholder Overview Workshop: June 2014
Project Completion: August 31, 2014
Stakeholder Involvement

2 Stakeholder workshops will be conducted with all stakeholders in the Region

15 Stakeholder interviews will be conducted with key stakeholder groups in the Region

Agency representatives will be invited to participate

- Federal, state, regional, county, and municipal agencies
- Traffic, transit, public safety, emergency management, and rail representatives
Project Deliverables

- Regional ITS Architecture and Deployment Plan Report that meets USDOT requirements
- Executive summary brochure
- Turbo Architecture database
- Updated MPO Regional ITS Architecture website

MPO ITS Architecture Website:
http://memphismpo.org/plans/safety-mobility/its
Benefits to the Region

- Provides a vision for deployment and operation of ITS in the Region
- Promotes and encourages increased interoperability of systems
- Encourages use of standards and shared resources to maximize return on investments
- Meets USDOT requirement that ITS projects funded with federal transportation funding conform to their Regional ITS Architecture appropriate standards
Thank You!