Livability 2050 Regional Transportation Plan Update

Engineering and Technical Committee (ETC)
August 2, 2018
Timeline

Livability 2050 Regional Transportation Plan

Oct. 2017 – Plan Kick-Off

- Feb. 2018 – Round One Public Meetings
- Fall 2018 – Round Two Public Meetings
- Summer 2019 – Round Three Public Meetings

Draft Plan

Draft Findings

General Input

We are here!

Sept. 2019 – Plan Adoption

Memphis MPO
METROPOLITAN PLANNING ORGANIZATION

connecting people & places

LIVABILITY 2050
Public Engagement Summary
Public Workshops

7 Meetings: 75 Attendees

- **Bartlett City Council Chambers**
  - **Monday, February 5, 2018**
  - 11:30 AM-1:00 PM
  - 6400 Stage Road
  - Bartlett, TN 38134

- **Oakland City Hall**
  - **Tuesday, February 6, 2018**
  - 5:00 PM-6:30 PM
  - 170 Doss Circle
  - Oakland, TN 38060

- **MATA Airways Transit Center**
  - **Monday, February 5, 2018**
  - 5:30 PM-7:00 PM
  - 3033 Airways Boulevard
  - Memphis, TN 38131

- **Collierville Chamber Board Room**
  - **Tuesday, February 6, 2018**
  - 5:30 PM-7:00 PM
  - 500 Poplar View Parkway
  - Collierville, TN 38017

- **DeSoto County Board of Supervisors**
  - **Tuesday, February 6, 2018**
  - 10:00 AM-11:30 AM
  - 365 Loucher Street, 3rd Fl. Board Rm.
  - Hernando, MS 38632

- **Byhalia City Hall**
  - **Wednesday, February 7, 2018**
  - 1:30 PM-2:30 PM
  - 161 Mississippi 309
  - Byhalia, MS 38611

- **Orange Mound Community Center**
  - **Tuesday, February 6, 2018**
  - 11:30 AM-1:00 PM
  - 2572 Park Avenue
  - Memphis, TN 38114

@MemphisMPO
@MemphisUrbanAreaMPO
@MemphisMPO
Online Survey

- 337 Online Surveys
- 30 Paper Surveys
- 735 Map Markers
- 3,738 Unique Data Points
- Bike
  - Connect Greenline to Fairgrounds
  - Buffered bike lanes on Poplar Ave.

- Freight
  - Highway 78

- Pedestrian
  - Safer crossings
  - Better pedestrian access around schools

- Roadway
  - Additional N/S route connections
  - Better coordinated signals

- Safety
  - Enforcement of speed limits
  - Poplar Avenue at several intersections & for non-vehicular traffic

- Transit
  - Higher frequency bus routes
  - Passenger rail
Public Outreach Summary

- Consistent feedback in relation to **guiding principles** for improvement of transportation system
  - Improve safety (1)
  - Improve efficiency (2)
  - Improve quality (3)

- Input on investment priorities varied by mode
  - From **regional mobility** to **local livability** needs
Needs Analysis

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<th>Year</th>
<th>Bicyclists</th>
<th>Pedestrians</th>
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<td>98</td>
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<td>2014</td>
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Bicyclist | Pedestrian

Memphis MPO
METROPOLITAN PLANNING ORGANIZATION

LIVABILITY
connecting people & places 2050

Legend
Crash Severity
- Fatal Crashes
- Injury Crashes

Road Network
- Interstates/Freeways
- US Routes
- State Routes
- County Roads
- Main Roads
- Other Roads
- Railroads
- States
- Counties
- Waterbodies
2017 Congestion and Level of Service

Legend

Year 2017 Level of Service
- LOS E
- LOS F

Road Network
- Interstates/Freeways
- US Routes
- State Routes
- County Roads
- Main Roads
- Other Roads
- Railroads
- States
- Counties
- Waterbodies
Transit

Draft Recommended Network

- Increase jobs accessible in 1 hour by 39% (17,000 jobs)
- Increase job access for:
  - Low income residents: 49%
  - Minority residents: 45%
- More weekend and evening service.
Freight

- Incorporate recommendations from MPOs freight plan
- Freight Modes and Networks
- Address Operational and Geometric Deficiencies
- Invest in critical freight corridors
  - focusing on corridor preservation in terms of reliability and pavement quality
Overarching Themes from Outreach + Needs Analysis

- **Safety remains a priority** for all modes of transportation

- **Target opportunities for multimodal enhancements** focus less on how much the system is expanded and more on how the system is connected and enhanced

- **Preservation is important** to the community

- **Logistics still key**: focus on removing barriers to freight movement and related development
Funding Scenarios
Current Livability 2040

**CONCEPT 1**
Regional Roadway Connections

**CONCEPT 2**
Expanded Travel Options
CONCEPT 1: Regional Roadway Connections

- Upgrading a strategic set of radial corridors with a focus on improving roadway LOS for autos and freight
- Maximizing delay reduction for autos and freight along key radial corridors
- Targeting multimodal investment within employment and activity centers
CONCEPT 1: Regional Roadway Connections
CONCEPT 2: Expanded Travel Options

- Modifying facility design along key north-south connections to **maximize multimodal LOS**

- Providing more connections within the system to disperse traffic along an **expanded grid**

- Continuing investment approach to support a **regional grid system**
CONCEPT 2: Expanded Travel Options
<table>
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<th>FAST Act Goals</th>
<th>Criteria</th>
<th>Concept One: “Regional Roadway Connections”</th>
<th>Concept Two: “Expanded Travel Options”</th>
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<tr>
<td>Economic Vitality/Freight Movement</td>
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- High
- Medium
- Low
CONCEPT TWO was the preferred scenario and adopted by both the ETC & TPB during the Livability 2040 process.

CONCEPT 1
Regional Roadway Connections

CONCEPT 2
Expanded Travel Options
2017-2020 TIP Projects
What is the progress so far?

- Supportive of Concept 2
  - Regional Freight Plan
  - MATA Transit Vision Plan
  - IMPROVE Act Funding for State and Local Projects
  - Total FY 2017-2020 TIP Bike/Ped Projects:
    - 22% TN funds (up from 9% in 2014-2017 TIP)
    - 11% MS funds (up from 1% in 2014-2017 TIP)
Next Steps

- ETC and TPB Adopt Funding Scenario
- Consolidate Draft Recommendations
- Create Draft Prioritization
- Second Round of Public Meeting – Fall 2018
Engineering and Technical Committee (ETC) Action

- Consider Approval of a Transportation Funding Scenario
  - Recommendation - Approval of the Expanded Travel Option Funding Scenario