Meeting Agenda

- Timeline
- Funding Scenarios
- Funding Availability
- Project Review
- Prioritization Process Ground Rules
- Next Steps
Timeline

Livability 2050 Regional Transportation Plan

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

We are here!
Funding Scenarios
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>
<thead>
<tr>
<th>FASTAct Goals</th>
<th>Criteria</th>
<th>Concept One: “Regional Roadway Connections”</th>
<th>Concept Two: “Expanded Travel Options”</th>
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<tbody>
<tr>
<td>Infrastructure Condition</td>
<td>Limits long-term maintenance burden</td>
<td>○</td>
<td>○</td>
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<tr>
<td>Safety</td>
<td>Improves multimodal safety</td>
<td>○</td>
<td>○</td>
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<tr>
<td>Economic Vitality/Freight Movement; Environmental Sustainability</td>
<td>Provides new facility coverage (by mode) – roadway</td>
<td>○</td>
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<tr>
<td></td>
<td>Provides new facility coverage (by mode) – transit</td>
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<td></td>
<td>Provides new facility coverage (by mode) – bicycle/pedestrian</td>
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<tr>
<td>Environmental Sustainability</td>
<td>Limits environmental and social impacts</td>
<td>○</td>
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<tr>
<td>Environmental Sustainability</td>
<td>Improves access for disadvantaged populations</td>
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<td>Environmental Sustainability</td>
<td>Reduces VMT</td>
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<tr>
<td>Environmental Sustainability; Economic Vitality/Freight Movement</td>
<td>Provides additional complete streets</td>
<td>○</td>
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<tr>
<td>Congestion Reduction/System Reliability; Economic Vitality/Freight Movement</td>
<td>Reduces congestion and delay for autos and trucks</td>
<td>○</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)
Online Survey

337 Online Surveys
30 Paper Surveys
735 Map Markers
3,738 Unique Data Points
Guiding Principles

- Safety & Security: 1.73
- Connections & Choices: 1.9
- System Preservation: 2.12
- Sustainable Growth: 2.15
- Economic Vitality: 2.17

Guiding Principles:
- Safety & Security
- Connections & Choices
- System Preservation
- Sustainable Growth
- Economic Vitality

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LIVABILITY 2050
connecting people & places
Does this still reflect our preferred approach?

CONCEPT 1
Regional Roadway Connections

CONCEPT 2
Expanded Travel Options
Funding Availability
Tennessee Funding

- Safety (HSIP)
- National Highway Performance Program (NHPP)
- Surface Transportation Block Grant - State (STBG -S)
- Surface Transportation Block Grant - MPO Allocation (STBG )
- FTA Funding - MATA
- Air Quality (CMAQ)
- Bicycle and Pedestrian (TA)
IMPROVE Act

- Gas and diesel fuel tax increase
- No expiration for the tax increase – ramps up over 3 years until reaching full amount
- Anticipated to fund more than 960 roadway and bridge projects across the state
- County and municipal funding breakouts
- Transit funding opportunities
- Not indexed to account for inflation in the future
IMPROVE Act Projects

- Portion allocated specifically to certain projects/corridors
  - Lamar Ave. (US 78)
  - I-240
  - I-40
  - Austin Peay Hwy. (SR 14)
  - Thomas St. (US 51)
  - Elvis Presley Blvd. (US 51)
  - Mebane Rd. Bridge
  - Raleigh-La Grange Rd. Bridge
  - Multiple Bridge Repairs
IMPROVE Act

2017-2020 estimated revenues

- MPO municipalities - $19.5 million
- Counties (all of Shelby/portion of Fayette) - $3.5 million
- State-level projects - $515 million
Mississippi Funding

- Debt Service (combined funding sources)
- Maintenance (combined funding sources)
- Local Allocation (STBG)
- Bicycle and Pedestrian (TA)
Funding Summary
Over Life of Plan

Total Funding
$13 Billion

Tennessee
$9.7 Billion

Mississippi
$3.3 Billion
Project Review
Project Review Process

- Livability 2050 RTP as update to 2040 RTP
  - Review of current plan projects
- Member Agency Coordination
- Comparison of Revenues to Expenditures
Member Agency Meetings

- Conducted Agency Meetings
  - July 9 – July 20

- Confirmed 2040 RTP Plan Projects
  - Plan projects to remain
  - Plan projects to remove

- 2050 RTP Plan Projects

- Current operations and maintenance costs
Comparison of Revenue and Expenditures

- Base costs inflated 3.4%/year
  - Construction Cost Index from ENR (June 2018)
- Total Aggregate Expenditures are expected to exceed Total Aggregate Revenues
- Not all identified projects can be funded within 2050 Horizon of Plan
Prioritization Scales

- Interregional
- Regional Centers
- Town Centers
- Neighborhood Communities
- Undeveloped
Prioritization Scales

**Interregional** – Investments aligned with big-ticket capital or maintenance needs to ensure the region is well connected within the state and the nation to maintain regional economic competitiveness. Investments support interstate mobility, intermodal connections, and freight/logistics hubs.
Prioritization Scales

**Regional Centers** – Investments support strategic connections between regional activity and economic centers through improved mobility and travel time reliability on corridor connections to key centers and last-mile connectivity to ensure effective access to a regional system.
**Prioritization Scales**

**Town Centers** – Investments support economically viable and thriving community centers; specifically, redevelopment opportunities, multimodal connections and access to a mix of business, retail and residential uses.
Prioritization Scales

**Neighborhood Communities** – Investments support healthy, thriving communities through improved system operations and multimodal access to community resources within primarily residential areas.
Prioritization Scales

**Undeveloped** – Investment strategies that protect and preserve undeveloped or environmentally sensitive areas.
Prioritization Process

Step 1. Assign project to investment context type

Step 2. Evaluate performance impacts of projects

Step 3. Rank projects
Livability 2040
Prioritization Criteria

- Provides countermeasures on corridor of safety concern
- Addresses security/emergency response needs
- Reduces VMT
- Requires minimal ROW
- Aligns with community priorities
Livability 2040
Prioritization Criteria

- Supports community or corridor redevelopment
- Reduces truck hours of delay
- Fills in gaps or expands multimodal network
- Enhances transit ridership
- Reduces VHT
Guiding Principles

Connections & Choices
Promote an efficient, interconnected, and accessible transportation network that provides various options for the movement of people.

Economic Vitality
Promote economic development through targeted transportation investments to enhance travel and tourism and ensure the region remains a leader in global logistics and freight movement.

Safety & Security
Increase the safety and security of the transportation system for all users.

Sustainable Growth
Connect land use and transportation decision-making that protects the environment and conserves energy.

System Preservation
Emphasize the preservation and performance of the existing transportation system through maintenance, rehabilitation, and system management and operations.

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Next Steps

- ETC and TPB Adopt Funding Scenario
- Consolidate Draft Recommendations
- Create Draft Prioritization
- RTPAC Meeting #4