Livability 2050 Regional Transportation Plan Update

RTPAC #1

January 18, 2018
What does your involvement look like?

As a member of the committee, you can help by:

- Providing direction for development of the plan.
- Sharing your local knowledge of transportation deficiencies and needs.
- Help disseminate information to constituents and residents.
- Helping vet multimodal recommendations.
- Reviewing the final document for content prior to adoption.
The Big Picture

RTP Update
Timeline

Livability 2050 Regional Transportation Plan

Travel Model Update

ITS Architecture

FY 2020-2023 TIP

Key Project Milestones

- July, 2018 – TDOT/MDOT Approval of Travel Model
- October, 2018 – ITS Ready to Use Letter from FHWA
- May 23, 2019 – Submit Draft RTP and TIP to MDOT/TDOT
- July-August, 2019 – Public review and comment RTP/TIP
- September 12, 2019 – TPB adopts RTP and TIP
- November 8, 2019 – Submit Final TIP to MDOT/TDOT
- January 6, 2020 – FHWA/FTA Final Approval of TIP
Planning Process

- Leveraging work done under Livability 2040 RTP
- Coordinating efforts with on-going local initiatives and recently completed projects – Freight Plan, Memphis 3.0, Resilience Plan, etc.
What calls for an update?

- FAST Act – new planning theme areas
- Integration of newly completed and ongoing planning efforts
- Updated demographic data
- Emerging trends
When considering transportation planning:

A. I’ve heard of it, but not really sure what it is
B. I’m familiar with the process
C. I’m an expert and should be giving this presentation
Which of the 3 do you value the most?

A. Reliable travel times
B. Safe roadways
C. Reliable public transportation
D. Short travel distances
E. Better conditions for biking and walking
F. Well-maintained infrastructure
Which 2 community assets would benefit most from additional transportation resources?

A. Schools and universities
B. Parks and open space
C. Employment centers
D. City and town centers
E. Freight hubs
F. Shopping and retail
G. Medical facilities
What is the greatest challenge when considering transportation improvements?

A. Agreeing on the right solution
B. Funding availability (local and federal)
C. Project development (ROW/Enviro/etc.)
D. Other
Planning Themes
Connections & Choices

Promote an efficient, interconnected, and accessible transportation network that provides various options for the movement of people.
Which is most important to you:

A. Investing in bicycle-specific facilities  
B. Investing in pedestrian-specific facilities  
C. Improving public transportation reliability  
D. More opportunities for rideshare
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.
Which is most important to you:

A. Provide reliable access to employment, education, health, and social services, and housing

B. Support economic development by linking communities and destination areas within the region

C. Increase the accessibility and mobility of people and freight through connections to other regions

D. Promote travel and tourism through strategic transportation investments

A. 25%  
B. 25%  
C. 25%  
D. 25%
Safety & Security

Increase the safety and security of the transportation system for all users.
Which transportation mode would benefit most from safety improvements?

A. Driving
B. Biking
C. Walking
D. Taking the bus or trolley
E. Freight (truck, rail, etc.)
Which is most important to you:

A. Improve safety at the region’s most dangerous intersections and roadways

B. Increase reliability through system improvements, enhanced communication, and reduced emergency response times

C. Balance capacity and travel time enhancements with safety considerations for all modes
Sustainable Growth

Connect land use and transportation decision-making that protects the environment and conserves energy.
Which is most important to you:

A. Design streets based on the surrounding land use and urban form
B. Preserve the character of existing neighborhoods and communities
C. Conserve land and support infill development through transportation strategies
D. Protect the environment and greenspace

25%  25%  25%  25%
Emphasize the preservation and performance of the existing transportation system through maintenance, rehabilitation, and system management and operations.
Which is most important to you:

A. Increase the lifespan of existing transportation facilities through rehabilitation and regular maintenance

B. Promote strategies and techniques that maximize the capacity of existing facilities

C. Improve and maintain traffic operations to provide efficient cross-region travel options

D. Maintain the transportation network through targeted and prioritized improvements
Climate Change

Connected Autonomous Vehicles

Shared ride services

Funding availability
Which emerging issues/trends do you think will have the greatest impact on the Greater Memphis region by 2050?

A. Climate change (air/water quality)
B. Connected Autonomous Vehicles
C. Shared ride services (UBER, LYFT)
D. Funding availability
E. Other
Goals & Objectives
Goal 1: Improve multimodal access to community and employment resources

1. Improve bicycle and pedestrian access to educational, health, and recreational opportunities
2. Expand transit service to unserved regional employment markets
3. Expand rural human services transportation services into areas not currently served
4. Advance TDM strategies to support last mile connections for key employment origins and destinations
Goal 2: Support a fully integrated multimodal network that advances the concept of complete streets

1. Support complete streets implementation
2. Support bicycle, pedestrian, and transit improvements as incidental as roadway improvements occur
3. Support integrated and expanded greenway/multiuse plans
Goal 3: Ensure the region is well positioned to remain a leader in global logistics and freight movement

1. Reduce truck delay on critical freight corridors and within key freight hubs
2. Reduce intermodal conflict and delay
3. Advance and Airport/Aerotropolis TMA
Goal 4: Enhance travel and tourism

1. Include the economic development benefits associated with travel and tourism when prioritizing transportation projects.
Goal 5: Increase the safety and security of the transportation system for all users

1. Support projects that address an existing, identified safety or security need
2. Support projects, programs, and policies that advance safe and secure travel for all users over the plan horizon
3. Continue coordination with TDOT and MDOT to meet federal safety performance targets
Goal 6: Advance corridor and community redevelopment opportunities to improve economic development, public health, and quality of life

1. Encourage access management planning and design to maintain minimum level of service (on regional mobility corridors)

2. Encourage context sensitive solutions derived from integrated transportation/land use planning efforts
Goal 7: Minimize adverse impacts of transportation investment on the (social, natural, historic) environment

1. Preserve and protect natural resources
2. Provide multimodal, active transportation options that reduce vehicle miles travelled and air pollution and improve public health
3. Design the transportation network in a way that protects air and water quality, manages storm water runoff and preserves green space.
Goal 8: Reduce travel delay for people and goods

1. Address critical highway bottlenecks as a priority
2. Focus capacity investment on corridor connections to regional employment centers
3. Improve system operations through technology applications
Goal 9: Maintain existing transportation assets and infrastructure

1. Maintain existing assets as a priority, before system expansion is considered
2. Prioritize strategies to better manage travel demand on existing infrastructure before adding new infrastructure
3. Promote construction/maintenance techniques, materials, and practices that minimize maintenance needs over the plan horizon
Growth Trends
Land Use Forecast

- RTP Analysis Years – 2020, 2030, 2040, and 2050
- Travel Demand Model Base Year - 2016
- County-Level Control Total Forecasts
  - Population
  - Households
  - Employment
## Population

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<tr>
<th>County</th>
<th>2016</th>
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<th>2030</th>
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## Employment

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Public Engagement
MetroQuest

Survey Link –

Livability2050.metroquest.com
Public Workshops

COMING SOON TO A LOCATION NEAR YOU FEB 5-7TH!

- Bartlett City Council Chambers
- MATA Airways Transit Center
- Oakland City Hall
- Desoto County Board of Supervisors
- Orange Mound Community Center
- Collierville Chamber Board Room
- Byhalia City Hall

Grab a handout to see the dates, times, and addresses of all meetings! #Livability2050