Livability 2050
Regional Transportation Plan (RTP)

Fiscal Year 2020-23
Transportation Improvement Program (TIP)

ETC & TPB Meetings September 12, 2019
Objectives

The Process – Development of the RTP & TIP
Involvement – Engagement Recap
Analysis – Data & Current Conditions
Summary – Investment Recommendations
Next Steps – Where do we go from here
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Next Steps – Where do we go from here
Planning Process

- It is a prerequisite in order to receive Federal Transportation Funds.

- Federal regulations require short and long-term transportation plans meet the region’s goals and objectives.

- Carried out in a comprehensive, continuing, and coordinated ("3-C") planning process.
Project Scope

- All or parts of 4 counties across 2 states – TN & MS
  - 18 Municipalities
  - 1.1 million people

- Multi-modal plan for the transportation network

- Financially Feasible

- Data Driven & Performance Based
# Development Process

- Multi-step process with public input throughout

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<tr>
<th>Federal Requirements</th>
<th>Federal Highway Administration</th>
<th>Federal Transit Administration</th>
<th>State Requirements</th>
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- Engagement
- Data Collection
- Recommendation Development
- Documentation
The Process – Development of the RTP & TIP
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Next Steps – Where do we go from here
Online Outreach

- Livability Video Campaign – 550+ views
- Online & Paper Survey – 350+ responses
  - 3+ month long promotion
- Interactive Mapping – 735 markers
- Email Blasts
- Interactive Social Media
- Narrated Online Presentations – 215+ views
Community Engagement

- 3 Rounds of Public Meetings
- Stakeholder Meetings
- Press Releases & Flyers
- Postcards to Area Residents
- Person on the Street interviews
Engagement Recap

What we heard?

- **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 is still key:** Focus on **removing barriers to freight** movement and related development

- **Current funding levels are not meeting maintenance needs**
The Process – Development of the RTP & TIP

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Next Steps – Where do we go from here
Data Driven - Safety

Vehicle Crashes

High crash corridors
- Poplar Avenue
- Goodman Road
- Winchester Road
- Lamar Avenue
- Germantown Parkway
- Hacks Cross Road

Bicycle & Pedestrian Crashes

Pedestrian Crash Severity
- Fatal: 7%
- Suspected Serious Injuries: 11%
- Suspected Minor Injuries: 9%
- Possible Injuries: 55%
- No Injury: 17%
- Unknown: 1%

Bicyclist Crash Severity
- Fatal: 16%
- Suspected Serious Injuries: 12%
- Suspected Minor Injuries: 8%
- Possible Injuries: 61%
- No Injury: 12%
- Unknown: 2%
Data Driven – Infrastructure Condition

Bridge Condition

Legend
- Structurally Deficient/Poor
- Good/Fair
- States
- Counties
- Memphis MPO Boundary
- Railroads
- Waterbodies

Pavement Condition

Legend
- IR < 95
- IR between 95 and 170
- IR > 170
- States
- Counties
- Memphis MPO Boundary
- Railroads
- Waterbodies

- Good
- Fair
- Poor

- 51%
- 20%
- 29%
- 61%
- 34%
- 5%
Data Driven – Congestion

Current Congestion

Future Congestion
Data Driven – Freight

- Our region remains one of the major freight hubs across the nation.
- U.S. freight traffic is forecasted to increase by 40% (over 30 years).

Modal Freight Distribution:
Movement in Region

Freight In and Out of the Region
Data Driven – Plan Connections

Data is looked at from a number of resources to ensure that the projects selected have the greatest impact on our region.
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Engagement Process/Input + Technical Analysis = Development of Overarching Themes
Summary – Investment Recommendations

Themes of RTP & TIP:

- Provide different options for travel e.g. driving, walking, biking, bus
- Ensure that we have safe transportation system
- Maintain and preserve our existing system e.g. repave streets, fix bridges, improve sidewalks
- Invest in priorities that will improve travel time reliability
- Promote economic development

These priorities helped shape the RTP & TIP and selection of projects.

Let’s Make it Happen
Capital: Roadway & Transit - Examples

- I-40 & Airline Rd Roundabout - Arlington
- Old Brownsville Rd - Bartlett
- SR-57 Widening - Collierville
- Commerce St Extension – DeSoto County
- Forest Hill Irene Rd – Germantown
- New Canada Rd - Lakeland
- Elvis Presley Blvd, Poplar Ave – Memphis
- Memphis Innovation Corridor, Transit Mobility Hubs - MATA
- Navy Rd Streetscape – Millington
- Nail Rd Extension – Horn Lake
- Pleasant Hill Rd – Olive Branch
- Shelby Dr – Port of Memphis
- Houston Levee Rd, Macon Rd – Shelby County
- Getwell Rd – Southaven
- Lamar Ave – TDOT
Bicycle & Pedestrian - Examples

- Fletcher Creek Greenway – Bartlett
- Lewisburg School/Craft Road Intersection – DeSoto County
- Nesbit Sidewalk Project – Hernando
- Wolf River Greenway, Shelby Farms Greenline Bridge – Memphis
- Memphis 3.0 Recommended Improvements (Kimball at Pendelton, Austin Peay at Yale, Frayser Town Center) – Memphis
- State of Walking & Bicycling and Intersection Safety & Design (Studies) – Memphis
- Navy Road ADA Improvements – Millington
- Stateline Road Pedestrian Project – Southaven
System Maintenance – Examples

**Resurfacing**
- Yale Rd & Brother Blvd - Bartlett
- Houston Levee Rd, Shelton Rd, Wolf River Blvd - Collierville
- Neshoba Rd, Wolf River Blvd - Germantown
- Mendenhall Rd, Knight Arnold Rd, Park Ave, Graham St - Memphis
- Sykes Rd, Easley St, Big Creek Church Rd - Millington
- Harbor Ave, Channel Ave - Port of Memphis

**Signalization**
- Airline Rd & Arlington Trails – Arlington
- Byhalia Rd & Collierville Rd – Collierville
- Pleasant Hill Rd & Getwell Rd - DeSoto County
- Wolf River Blvd & Houston High School – Germantown
- Trinity & Walnut Bend, Macon at Mullins – Memphis
- Davidson Rd & Stateline Rd – Olive Branch

**Bridge**
- Shelton Rd Bridge - Collierville
- Poplar Ave Culvert Replacements – Germantown
- Sam Cooper Bridge Repairs, Mitchell Rd & ICRR, Plough & Winchester – Memphis
- Raleigh Millington Bridge - Millington
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Next Steps – Where do we go from here
Next Steps - Continuous Planning Process

Next Steps

- Track Performance Measure Targets, review and update as needed
- Data Collection and Analysis
- Update other plans
  - Modal Plan Updates e.g. Bicycle and Pedestrian, Freight,
  - Congestion Management Process
- Maintain public awareness & involvement in planning process

Next Plan Cycle

- **2055 RTP**
  - Work Begins: Early 2021
  - Adoption: Fall 2023

- **FY 2023-26 TIP**
  - Work Begins: Fall 2021
  - Adoption: Fall 2022
Next Step - Implementation

- Adoption by Transportation Policy Board – **Today**
- Final Federal Review & Approval – **January 2020**

**Lead Agencies Responsibilities**

**New Projects**
- ✓ Start contracting process with TDOT or MDOT

**Ongoing Projects**
- ✓ Continue implementation of the next phase

**MPO Staff Responsibilities**
- ✓ Track project progress on quarterly basis & report to the Board
- ✓ Amend or Adjust plans as needed