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
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
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.

**RTP** = **Regional Transportation Plan**
Long Range Plan covering 20+ years

**TIP** = **Transportation Improvement Program**
Short Range Plan covers 4 years
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

Federal Requirements

- U.S. Department of Transportation
- Federal Highway Administration
- Federal Transit Administration
- EPA

State Requirements

- TDOT Department of Transportation
- MDOT

Engagement Data Collection Recommendation Development Documentation
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
Who Was Involved

MPO Committees and Staff

- Elected Officials
- Interest Groups
- Federal Agencies
- Private Sector
- Transit Operators
- General Public
- State Agencies
- Municipalities, Counties, & Regional Agencies

Bradenton, Tennessee

Memphis MPO
Metropolitan Planning Organization

Strengthening Regional Transportation

- Memphis Area Transit Authority
- Federal Highway Administration
- US Army Corps of Engineers Memphis District
- Piperton, Tennessee
- Fayette County, Tennessee

ACOG
Area Agency on Aging and Disability

AAAAD
Aging Commission of the Mid-South

TDEC
Department of Transportation

LATINO
Memphis

TDOT
Department of Transportation

DeSoto County MSC

MATA
Memphis Area Transit Authority

Memphis International Airport

US Army Corps of Engineers

Bradenton, Tennessee
Engagement Recap

- Livability Video Campaign – 450+ views
- 2 Rounds of Public Meetings – 10 meetings
- Stakeholder Meetings
- Online & Paper Survey – 350+ responses
  - 3+ month long promotion
- Interactive Mapping – 735 markers
- Press Releases & Flyers
- Email Blasts
- Interactive Social Media
- Narrated Online Presentations – 175 views
Engagement Recap

Memphis MPO Livability
2050 Regional Transportation Plan

Legend

Survey Count by Home Zip Code
- 0 responses
- 1-5 responses
- 5-10 responses
- Greater than 10 responses

Road Network
- Interstates/Freeways
- US Routes
- State Routes
- County Roads
- Main Roads
- Other Roads
- Railroads

Legend
- Bicycle
- Freight
- Pedestrian
- Roadway
- Safety
- Transit
- Railroads
- Waterbodies
- Counties
- States
- Memphis MPO Boundary

Memphis MPO
METROPOLITAN PLANNING ORGANIZATION

Strategically Regional Transportation
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

Involvement – Engagement Recap

Analysis – Data & Current Conditions

Summary – Investment Recommendations

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
- 7% Fatal
- 1% Suspected Serious Injuries
- 9% Suspected Minor Injuries
- 17% Possible Injuries
- 55% No Injury
- 9% Unknown

Bicyclist Crash Severity
- 1% Fatal
- 8% Suspected Serious Injuries
- 16% Suspected Minor Injuries
- 61% Possible Injuries
- 12% No Injury
- 2% Unknown
Data Driven – Infrastructure Condition

**Bridge Condition**
- Structurally Deficient/Poor: 5%
- Good/Fair: 34%
- Poor: 61%

**Pavement Condition**
- IR < 95: 20%
- IR between 95 and 130: 51%
- IR > 130: 29%

Legend:
- IR: International Roughness Index
- IR < 95: Poor
- IR between 95 and 130: Fair
- IR > 130: Good

Memphis MPO Boundary
- Counties
- Waterbodies

**Data Driven – Infrastructure Condition**
- Good
- Fair
- Poor

Memphis MPO
- Metropolitan Planning Organization
- Strengthening Regional Transportation
Data Driven – Congestion

Legend
- LOS D
- LOS E
- LOS F
- States
- Counties
- Memphis MPO Boundary
- Railroads
- Waterbodies

Current Congestion

Legend
- LOS D
- LOS E
- LOS F
- States
- Counties
- Memphis MPO Boundary
- Railroads
- Waterbodies

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)
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.
Summary – Plan Connections

Livability 2050: Regional Transportation Plan

Fiscal Year (FY) 2020-23 Transportation Improvement Program (TIP)

RTP = Long Term (30 years)

TIP = Short Term (4 years)
Summary – Investment Recommendations

Engagement Process/Input

Technical Analysis

Development of Overarching Themes
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 Pendleton, 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
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
Next Steps- Public Review Period

PUBLIC MEETINGS
AUGUST 5-7, 2019

2:00 PM-3:30 PM
Byhalia Town Hall
Monday, August 5
225 MS-309,
Byhalia, MS 38611

10:30 AM-12:00 PM
Oakland Town Hall
Tuesday, August 6
170 Doss St,
Oakland, TN 38060

1:30 PM-3:00 PM
Hickory Hill
Community Center
Wednesday, August 7
3910 Ridgeway Rd,
Memphis, TN 38115

5:30 PM-7:00 PM
DeSoto County Board
of Supervisors
Tuesday, August 6
365 Losher St # 300,
Hernando, MS 38632

5:30 PM-7:00 PM
Barlett City Hall
Wednesday, August 7
6400 Stage Rd,
Bartlett, TN 38134

Public Review & Comment Period
- July 30-August 28, 2019
- Documents Available:
  - MPO Website
  - 17 Libraries across MPO Planning Area
  - MPO Office

Can’t attend the public meetings? Recorded presentations will be available online!

Contact Information
Pragati Srivastava,
MPO Administrator
Pragati.Srivastava@memphistn.gov

memphismpo.org

901.636.7190 (phone)
901.636.7272 (fax)
125 North Main Street
Room 450
Memphis, TN 38103
Next Steps- Agency Reviews & Adoption

- Agency Reviews - continued
- Adoption
  - September 12, 2019
  - Transportation Policy Board Meeting

- Final Federal Review & Approval
  - January 2020

Timeline

2050 RTP + FY 2020-23 TIP