MOVING TOGETHER

2050

REGIONAL TRANSPORTATION PLAN

Building Our Connected Future

MPO ETC & TPB Meetings

February 24, 2022

Memphis MPO

METROPOLITAN PLANNING ORGANIZATION

Overview

- State of the System
- Public Outreach Summary
- RTP Goals & Objectives
- Regional Forecast, 2020-2050
- Next Steps

State of the System – Overview

Snapshot

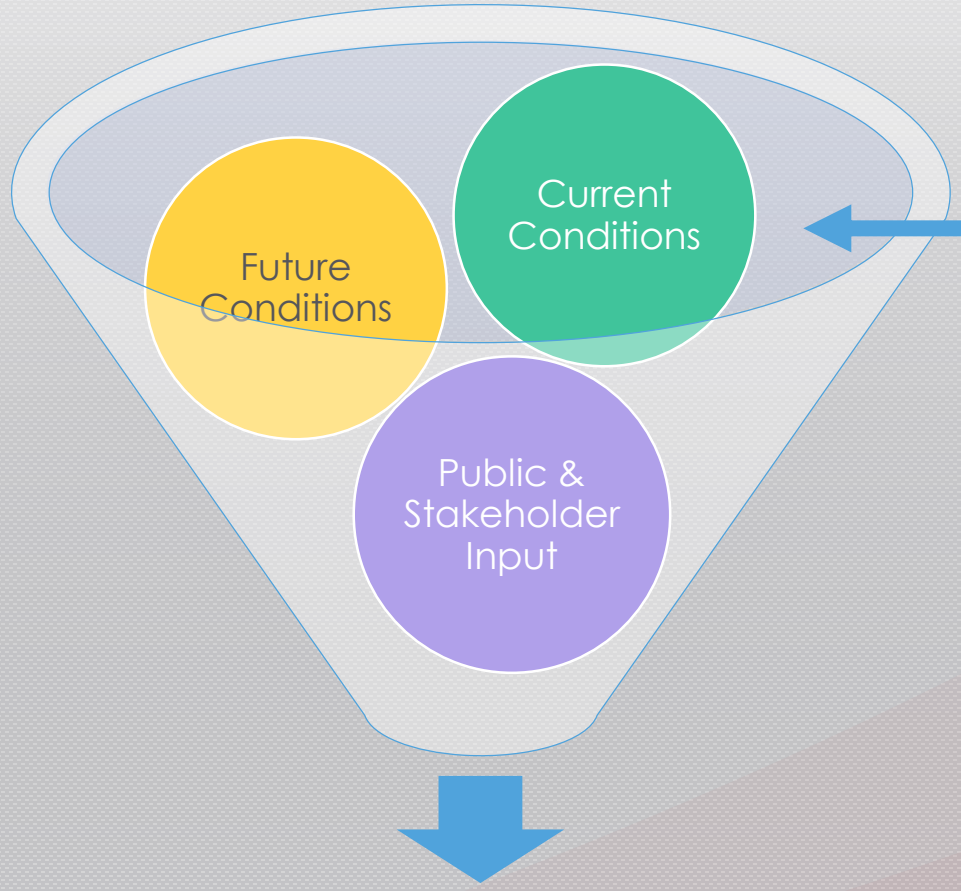
All Surface Transportation Modes

Comprehensive

Accessibility
Capacity
Maintenance
Safety

Focused on MPO Planning Area

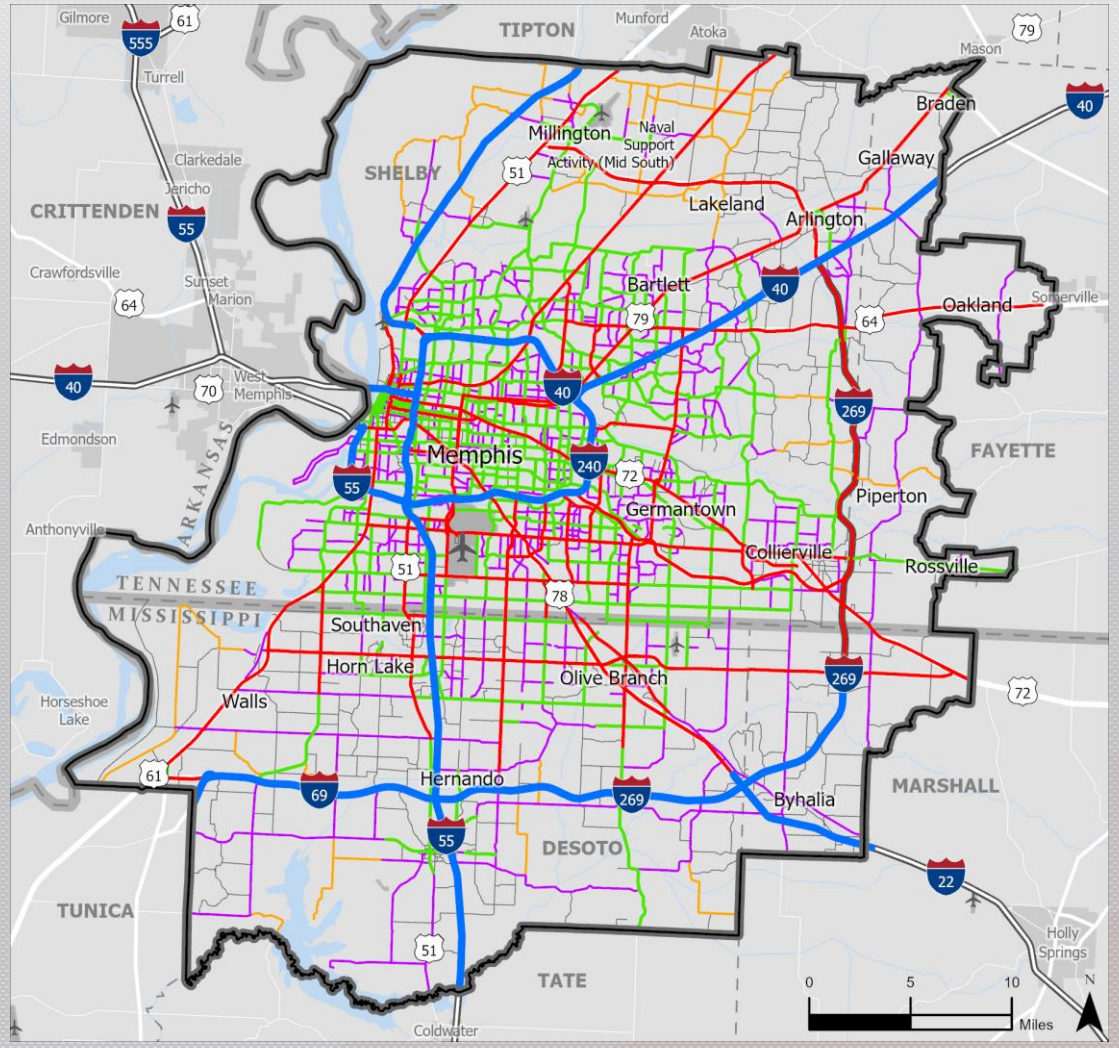
State of the System – Overview



State of the System

Needs Assessment

State of the System – Roadway Types



Legend

- Metropolitan Planning Area

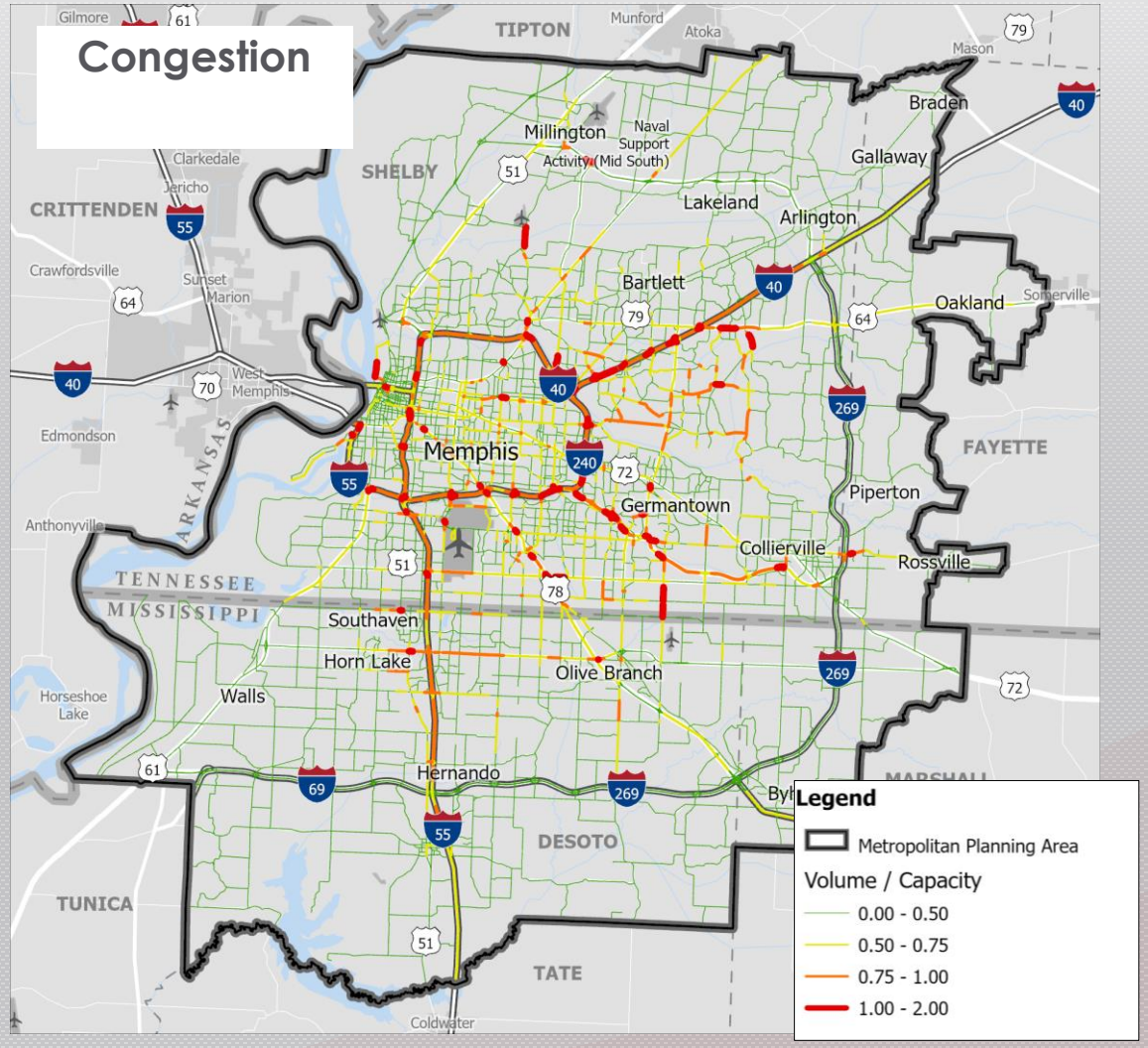
Functional Classification

- Interstate
- Principal Arterial
- Minor Arterial
- Major Collector
- Minor Collector
- Local

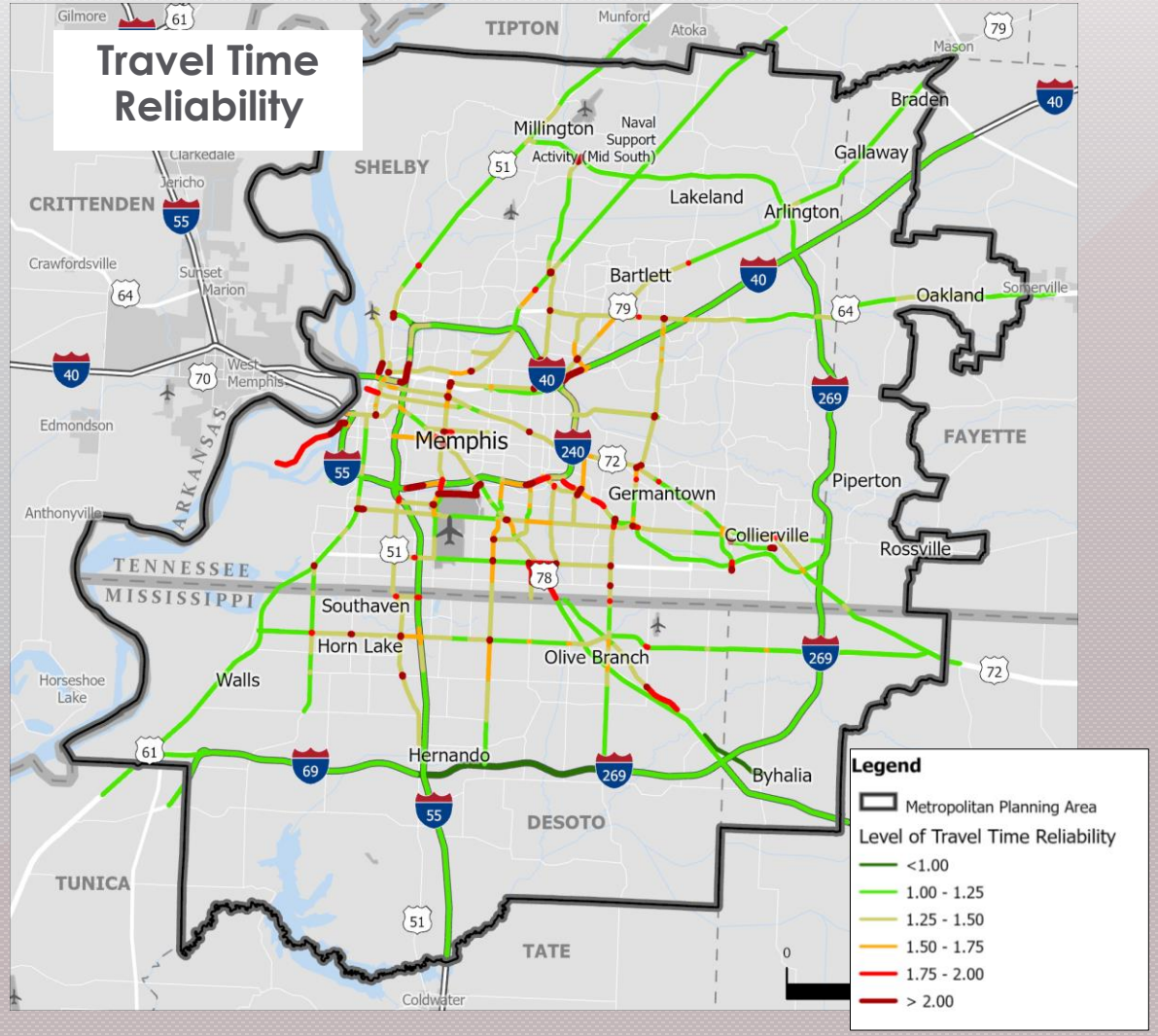
Functional Classification	Center Lane miles		Daily Vehicle Hours of Delay (VHD)	
	Total miles	%	Number	%
Interstate	145	6%	17,051	47%
Principal Arterial	445	17%	13,473	37%
Minor Arterial	631	24%	3,498	10%
Major Collector	646	25%	2,356	6%
Minor Collector	133	5%		
Local	624	24%	176	1%
Total	**2,624**	**100%**	**36,554**	**100%**

State of the System – Roadway Congestion

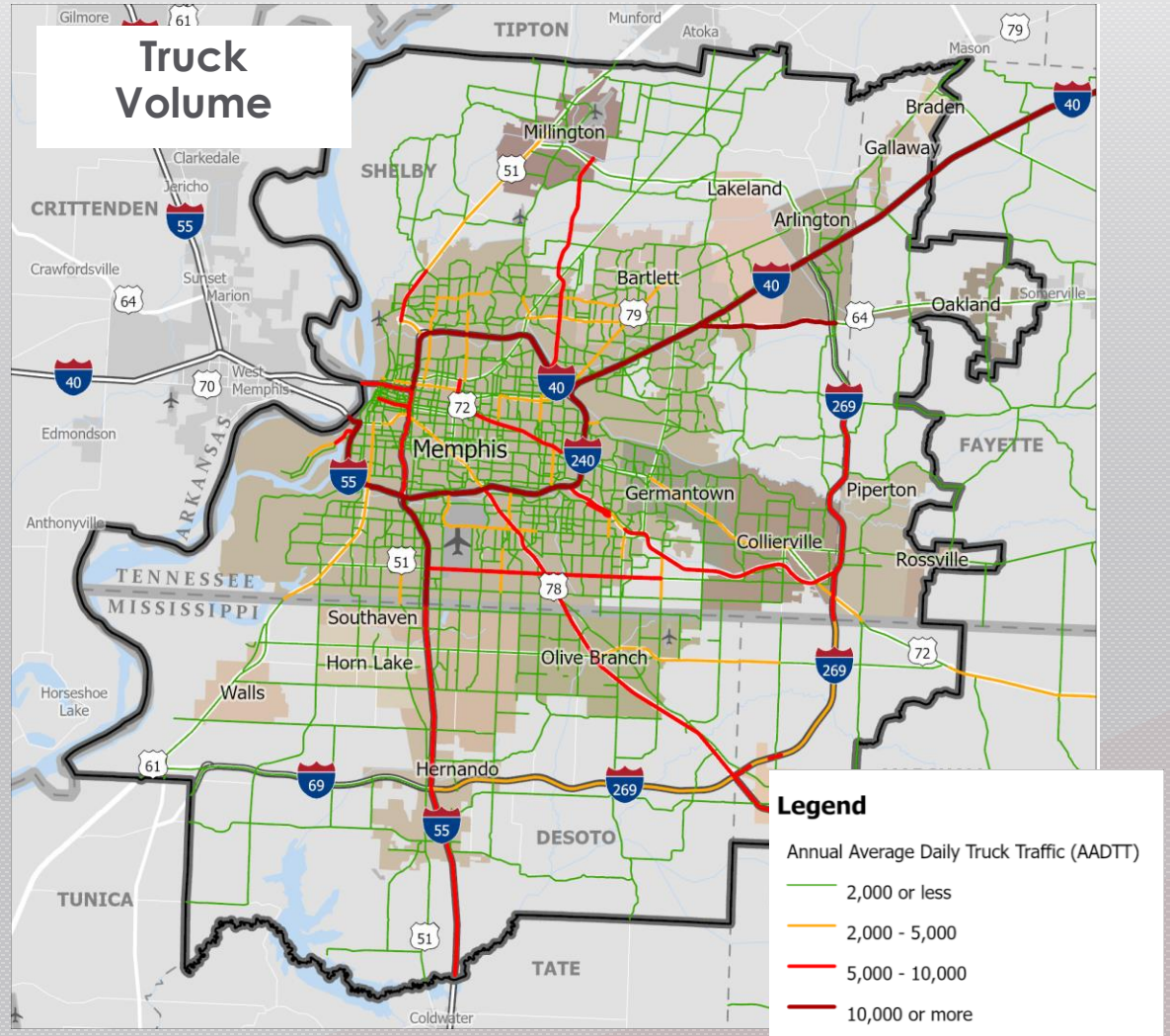
Congestion

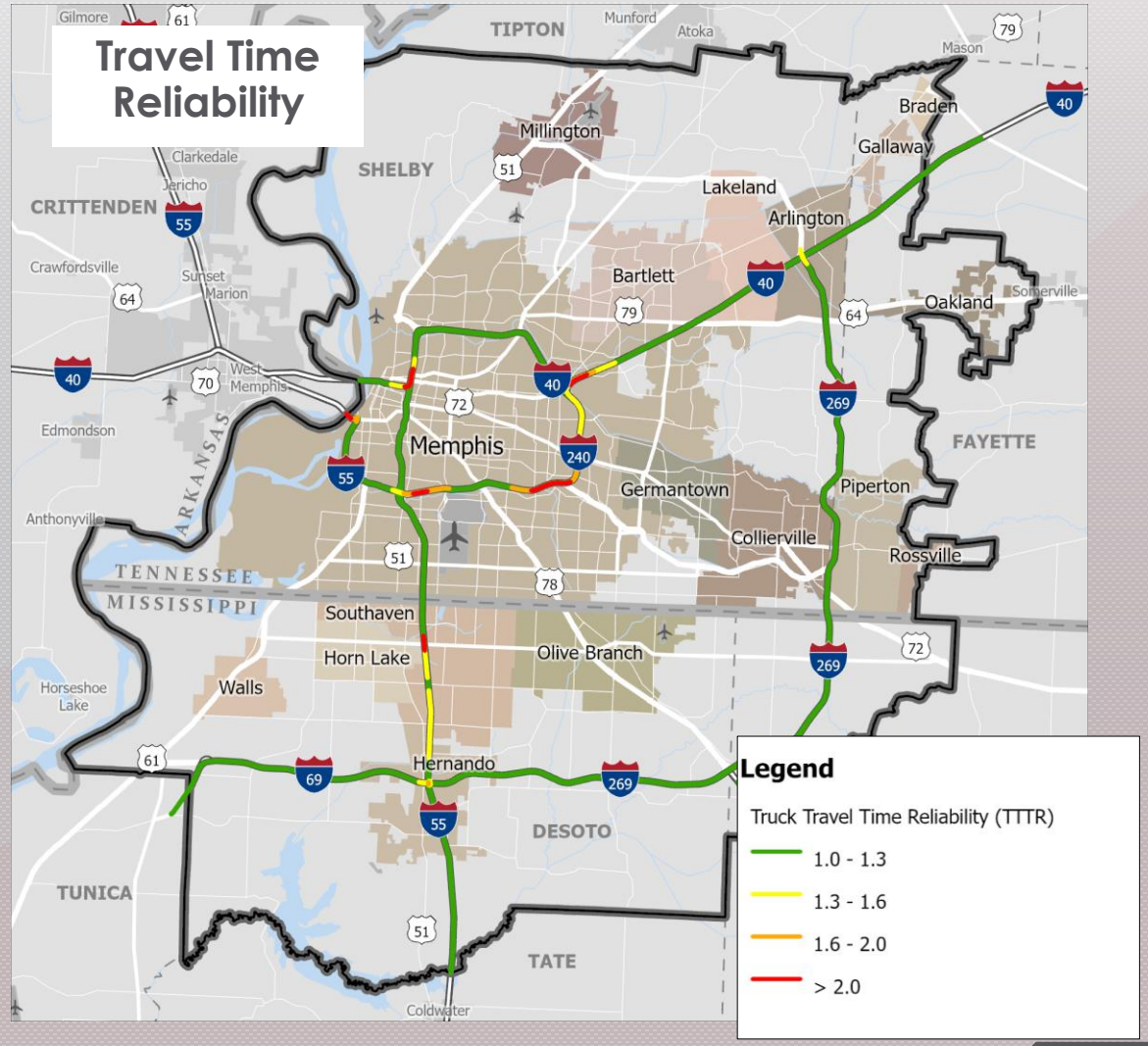


Travel Time Reliability

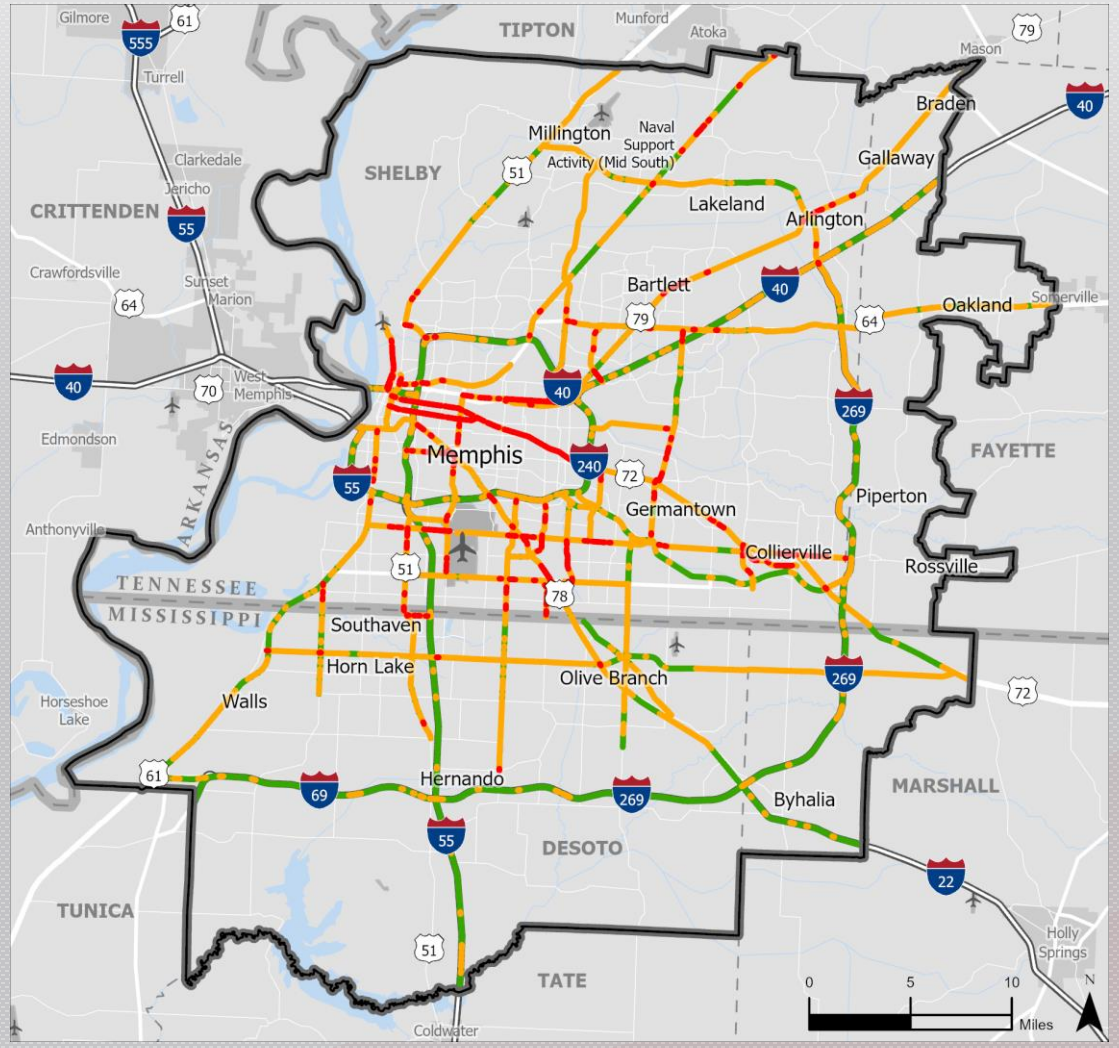


State of the System – Truck Congestion





State of the System – Pavement Condition



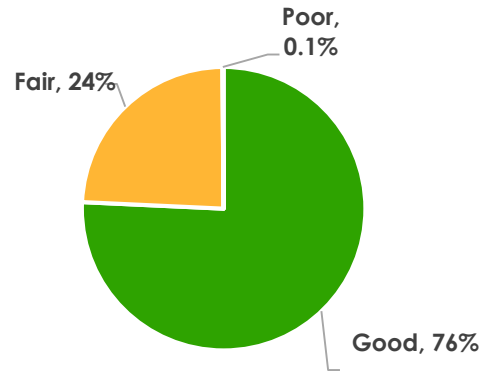
Legend

- Metropolitan Planning Area

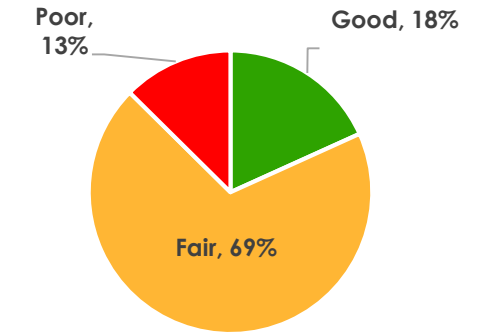
Pavement Condition

- Good
- Fair
- Poor

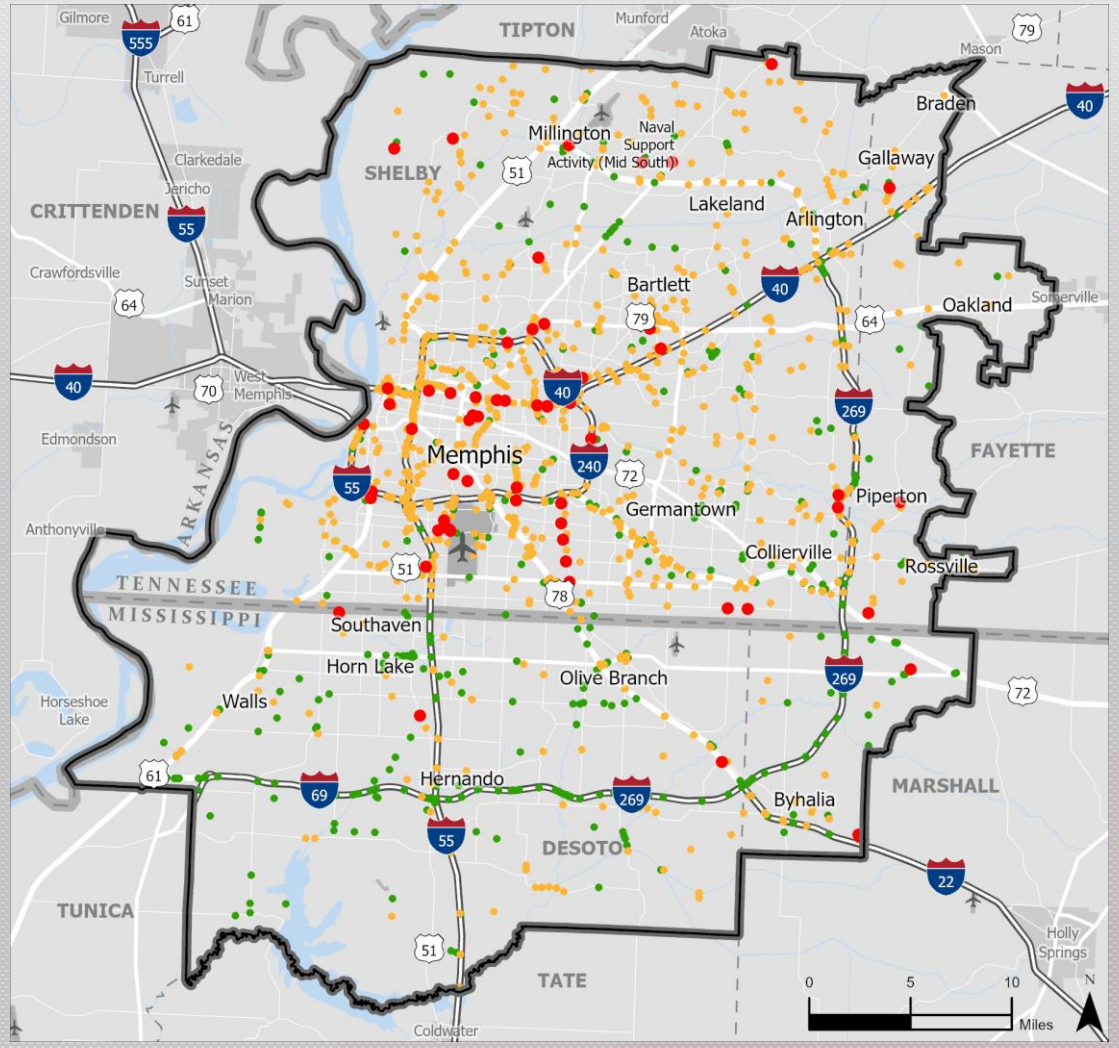
Interstate



Non-Interstate



State of the System – Bridge Condition



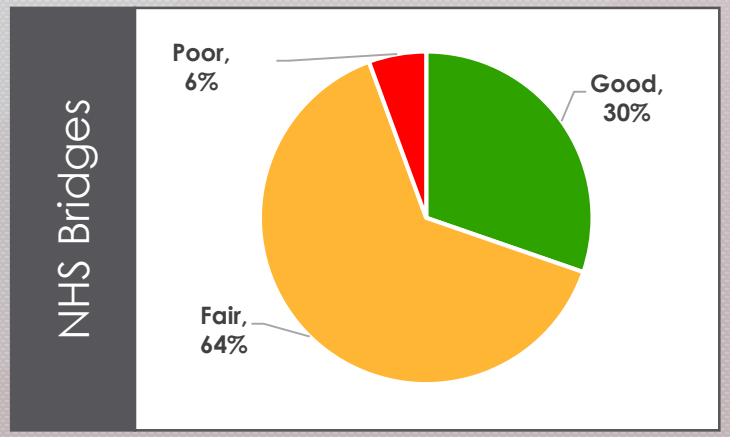
Legend

- Metropolitan Planning Area

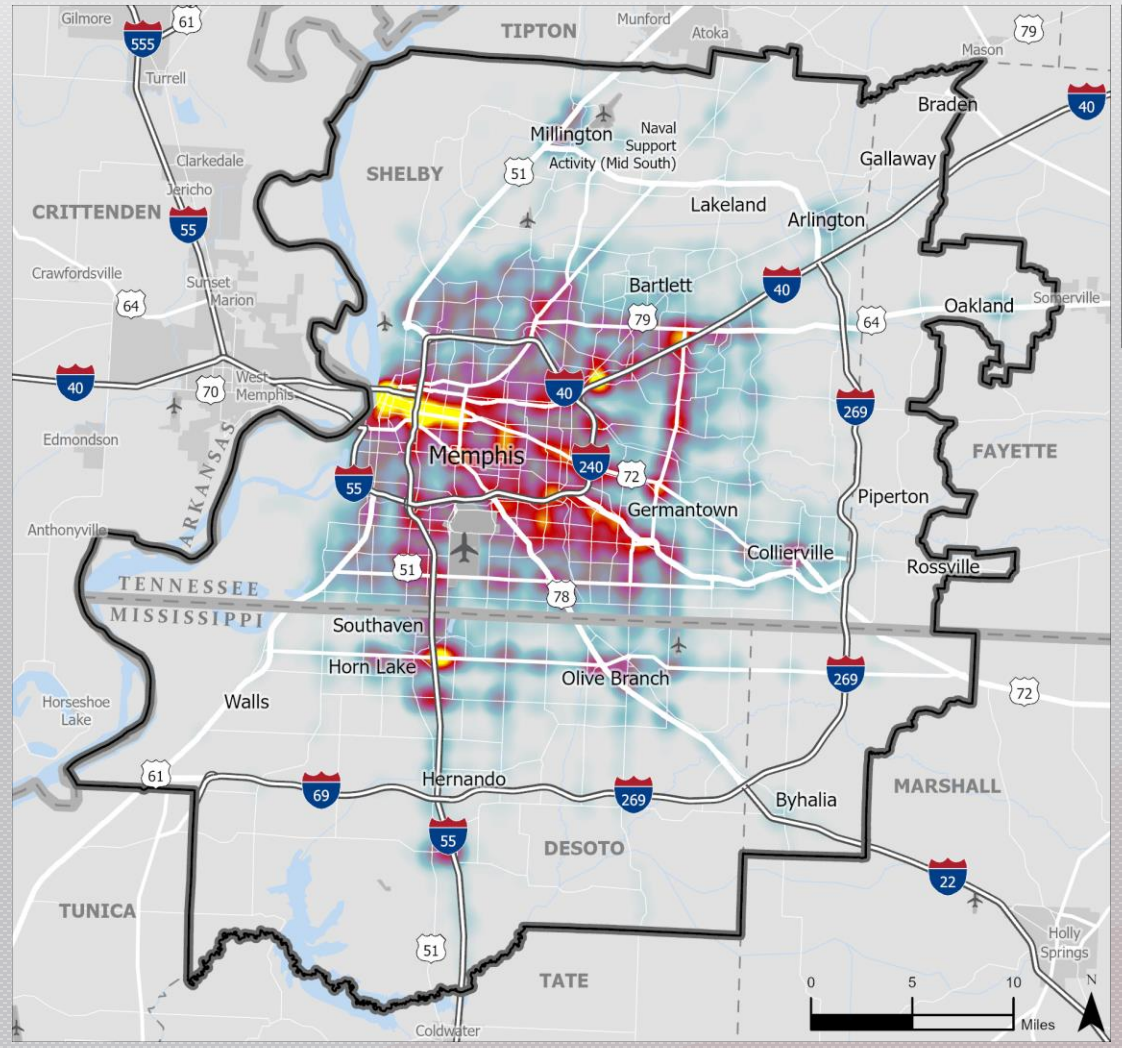
Bridge Condition

- Poor
- Fair
- Good

~1,500 bridges in the Metropolitan Planning Area



State of the System – Safety



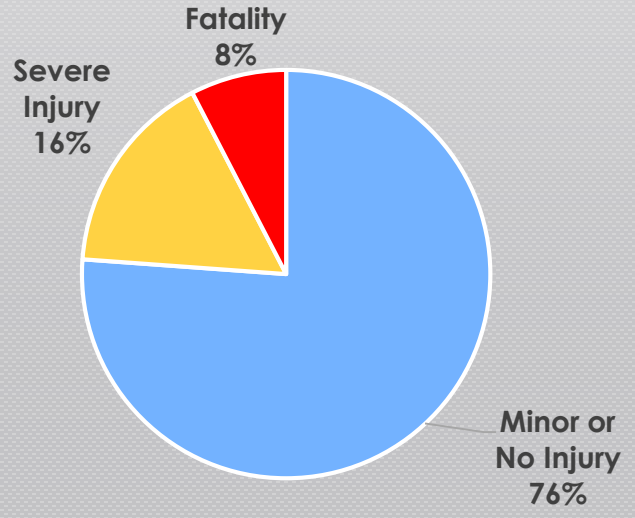
~48,500 crashes per year
(2016-2020)

205 fatalities per year

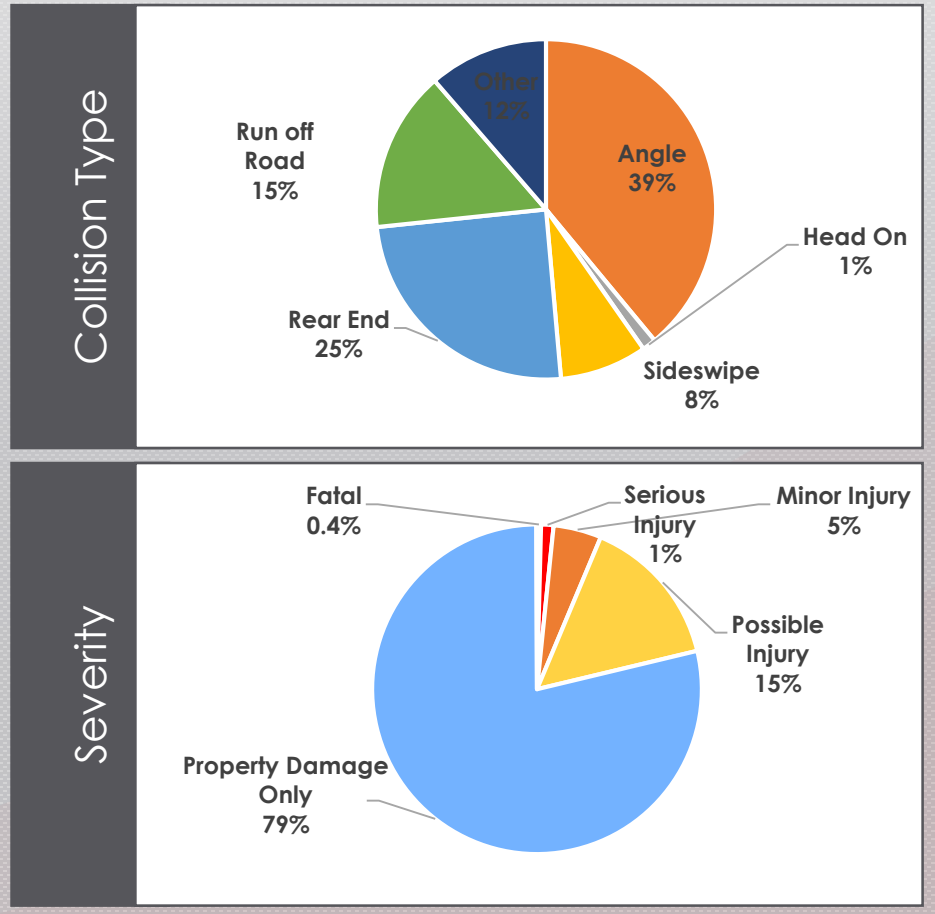
1,070 serious injuries per year

State of the System – Safety

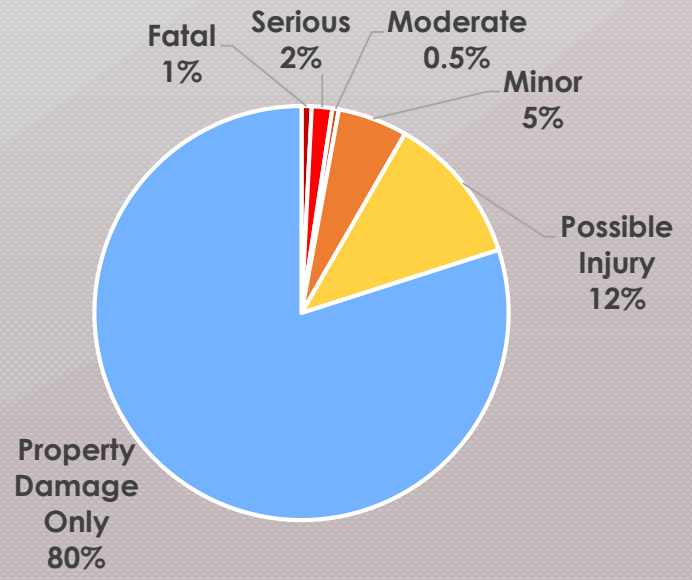
~700 crashes per year involving bicyclist and/or pedestrian



All Crashes



~2,300 crashes per year involving trucks



State of the System – Multimodal

- Total Providers in MPO Planning Area – **4**
  - Fixed Route Provider – **1** (MATA)
  - Demand Response – **3** (Delta HRA, DARTS & NMCS)

Name	Counties Served (in MPO Area)	Fleet Size (2020 NTD & Agency Website)	Annual # Trips (2020 NTD & Agency Website)
MATA	Memphis and portions of Shelby County	101 (fixed route), 40 (demand response) & 4 (trolley)	Approx. 5 million
Delta HRA	Shelby, TN & Fayette, TN	27 (demand response)	Approx. 45,000
DARTS	Desoto MS	44 (demand response)	Approx. 138,000
NMCS	Marshall, MS	39 (demand response)	Approx. 72,000

Top Ridership MATA Routes

- Route 36 – Lamar
- Route 42 – Crosstown
- Route 50 – Poplar
- Route 52 – Jackson
- Route 8 – Chelsea & Highland

MATA New Services

- READY!
- Groove On-Demand

State of the System – Regional Travel Trends

Observed Trip Movements

County	Crittenden	Desoto	Marshall	Tate	Tunica	Fayette	Shelby	Tipton	Total
Crittenden	**85%**	2%	0%	0%	0%	0%	13%	0%	**100%**
Desoto	0%	**78%**	1%	2%	1%	0%	17%	0%	**100%**
Marshall	0%	15%	**66%**	1%	0%	1%	16%	0%	**100%**
Tate	0%	16%	1%	**78%**	1%	0%	4%	0%	**100%**
Tunica	0%	12%	0%	3%	**76%**	0%	7%	0%	**100%**
Fayette	0%	1%	1%	0%	0%	**62%**	35%	1%	**100%**
Shelby	1%	4%	0%	0%	0%	1%	**93%**	1%	**100%**
Tipton	0%	0%	0%	0%	0%	1%	21%	**78%**	**100%**

Inflow/Outflow Counts of All Jobs

	DeSoto	Marshall	Fayette	Shelby	MPO Planning Area
Living and Employed in the County	29,603	3,089	2,993	354,905	**537,712**
Living Inside but Employed Outside the County	53,886	11,390	15,632	41,079	**79,424**
Living Outside but Employed in the County	36,608	4,584	5,885	150,029	**104,371**

Public/Stakeholder Engagement – Round 1

Online Survey
English & Spanish

Virtual Public Meetings

Pop-Up Meetings

Stakeholder Meetings

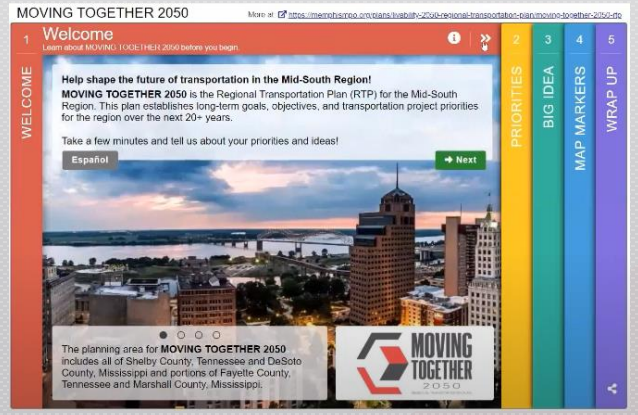
Public/Stakeholder Engagement – Round 1

Videos

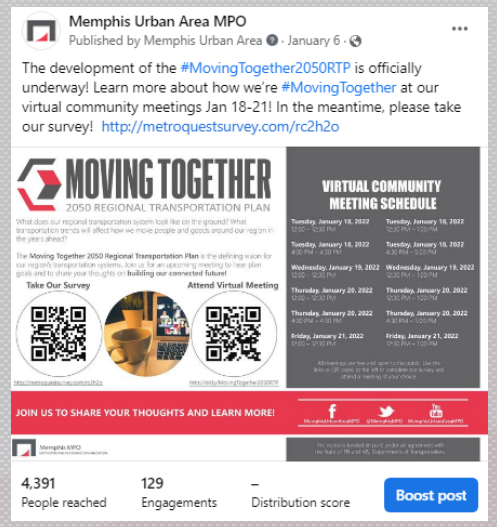
10 Year Transportation Investment History Series: Part I-IV

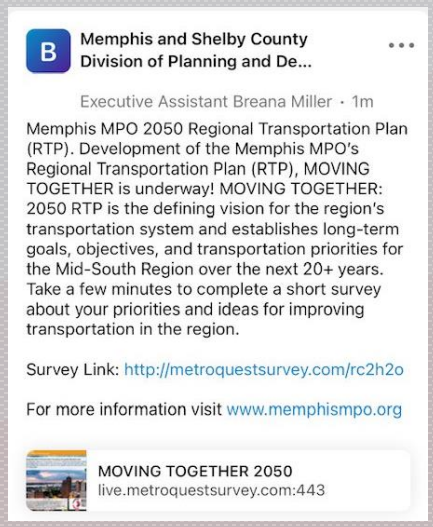
Public Meetings

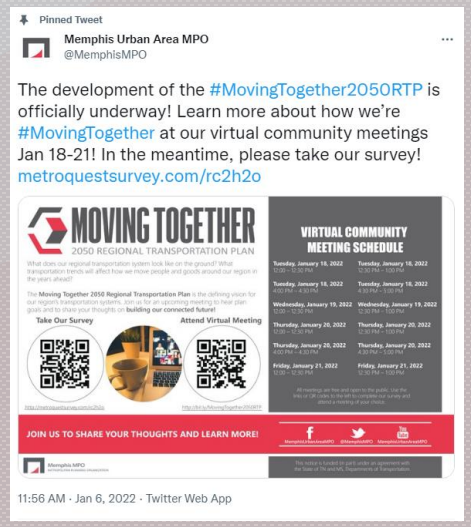
Metroquest Survey



Social Media







Public/Stakeholder Engagement – Round 1

Having trouble viewing this email? View it as a Web page.

MOVING TOGETHER: Right now, the development of the Memphis Metropolitan Planning Organization (MPO) Regional Transportation Plan (RTP) is underway. MOVING TOGETHER: 2050 RTP will define the vision for our region's transportation system and will establish long-term goals, objectives, and transportation priorities for the Mid-South Region over the next 20+ years. The RTP is updated every four years to reflect new trends and priorities, and we invite you to take a few minutes to complete a short survey about your priorities and ideas for improving transportation in the region.

To learn more, you can visit the MOVING TOGETHER: 2050 RTP webpage for additional information about the plan development and virtual public meetings, which will be held January 18th-21st!

Go here to Take the Survey.

City of Bartlett
5 hrs ·

MEMPHIS MPO 2025 REGIONAL TRANSPORTATION PLAN-TAKE THE SURVEY MPOM. Memphis MPO 2050 Regional Transportation Plan

The Memphis Metropolitan Planning Organization (MPO) is in the process of updating the Regional Transportation Plan (RTP), titled MOVING TOGETHER: 2050 RTP. The RTP is updated every four years and establishes long-term goals and transportation priorities for the Mid-South region.

A short survey is open to share your priorities and ideas for improving transportation in the region!

Take the Survey: MPO Survey https://live.metroquestsurvey.com/?u=rc2h2o...

For additional information on the plan development visit the MOVING TOGETHER: 2050 Webpage https://memphismpo.org/.../livab.../moving-together-2050-rtp or Facebook page MPO Facebook page https://www.facebook.com/.../a.192195877493834/48380682162

Like Comment Share

DeSoto County Government
17h ·

Which transportation goals are most important to you? Reduce congestion, improve safety, increase transit & biking, support logistics, etc. The Memphis Metropolitan Planning Organization is in the process of updating the Regional Transportation Plan (RTP), MOVING TOGETHER: 2050 RTP. A short 5-minute survey is open to share your priorities and ideas for improving transportation in DeSoto County! Below is the link to the survey. Memphis Urban Area MPO

LIVE.METROQUESTSURVEY.COM
MOVING TOGETHER 2050
Help shape the future of transportation in the Greater Memphis region!

The City of Lakeland, Tennessee
Favorites · 2h ·

Feedback needed!

The Memphis Metropolitan Planning Organization (MPO) is gathering feedback for the development of their 2050 Regional Transportation Plan:

https://www.facebook.com/.../a.192195877.../4838068216239887

Town of Collierville
7 mins ·

The Memphis Urban Area MPO (Memphis Metropolitan Planning Organization) is in the process of updating the Regional Transportation Plan. The transportation plan is updated every four years and establishes long-term goals and transportation priorities for the Mid-South region.

The Memphis MPO Planning area includes the counties of Shelby County, Tennessee and DeSoto County, Mississippi and portions of Fayette County, Tennessee and Marshall County, Mississippi.

A short survey is open to share your priorities and ideas for improving transportation in the region!

Take the survey here:
http://metroquestsurvey.com/rc2h2o

For additional information on the plan development visit the MOVING TOGETHER: 2050 RTP Webpage
http://memphismpo.org/.../livabi.../moving-together-2050-rtp

LIVE.METROQUESTSURVEY.COM
MOVING TOGETHER 2050
Help shape the future of transportation in the Greater Memphis re...

Shelby County Community Services
January 7 at 2:02 PM ·

Your input matters. Take time to take this transportation survey. The survey will be used for the Moving Together 2050 Regional Transportation Plan, it's the vision for what our transportation system will look like in the future. Memphis Urban Area MPO promotes the development of a balanced, efficient, and affordable regional transportation system.

Home › News Flash

Millington News

Posted on: January 18, 2022

Memphis MPO Wants Your Input

The Memphis Metropolitan Planning Organization (MPO) is in the process of updating the Regional Transportation Plan (RTP), titled **MOVING TOGETHER: 2050 RTP**. The RTP is updated every four years and establishes long-term goals and transportation priorities for the Mid-South region.

A short survey is open to share your priorities and ideas for improving transportation in the region!

Take the Survey:
http://metroquestsurvey.com/rc2h2o

For additional information on the plan development visit the MOVING TOGETHER: 2050 RTP Webpage.

City of Hernando, MS – Government
33 mins ·

Memphis Urban Area MPO
Published by Memphis Urban Area · January 6 at 11:47 AM ·

The development of the #MovingTogether2050RTP is officially underway! Learn more about how we're #MovingTogether at our virtual community meetings Jan 18-21! In... See more

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City of Germantown, Tennessee Government
Favorites · January 18 at 4:34 PM ·

The Memphis Urban Area MPO (Memphis Metropolitan Planning Organization) is in the process of updating the Regional Transportation Plan. The transportation plan is updated every four years and establishes long-term goals and transportation priorities for the Mid-South region.

The Memphis MPO Planning area includes the counties of Shelby County, Tennessee and DeSoto County, Mississippi and portions of Fayette County, Tennessee and Marshall County, Mississippi.

A short surv... See more

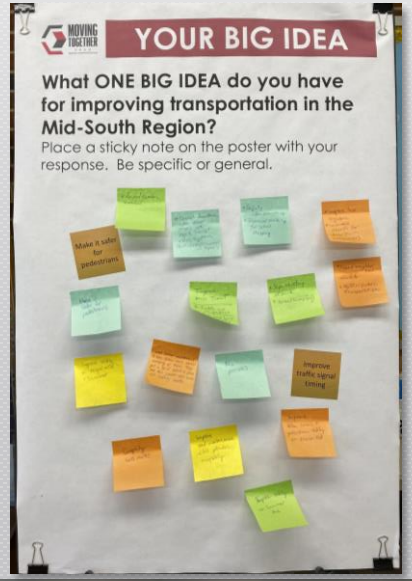
City of Olive Branch - Government
1h ·

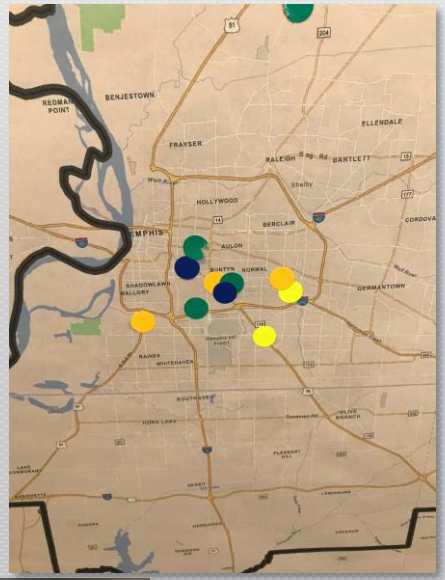
This survey includes DeSoto County. The Memphis Urban Area MPO is asking for the public's input.

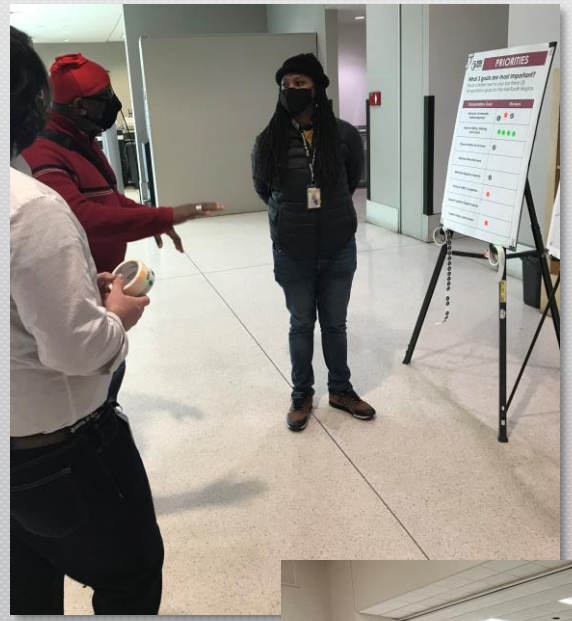
Caregiver's Respite
January 7 at 2:08 PM ·

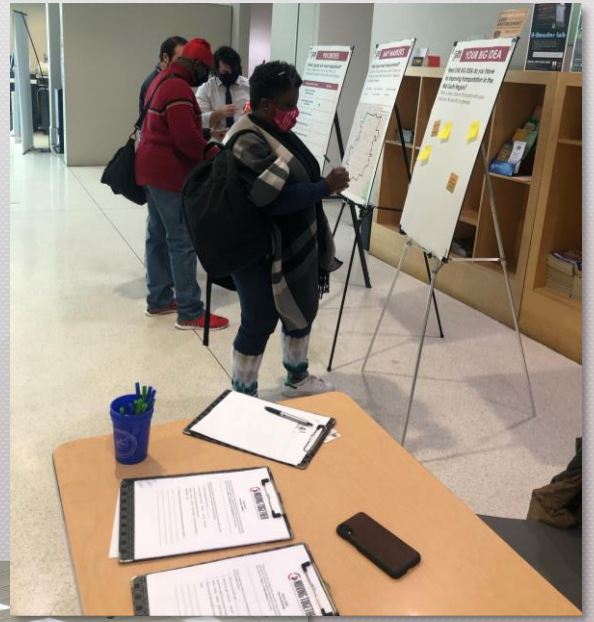
Information Shared - Various Agencies

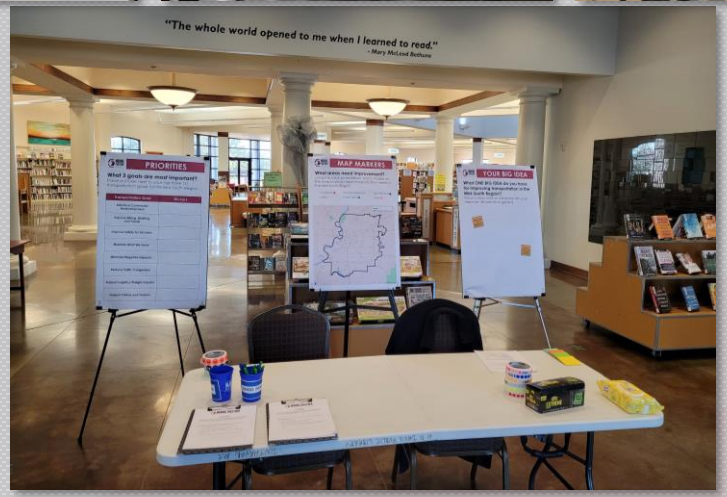
Public/Stakeholder Engagement – Round 1











In Person Engagement

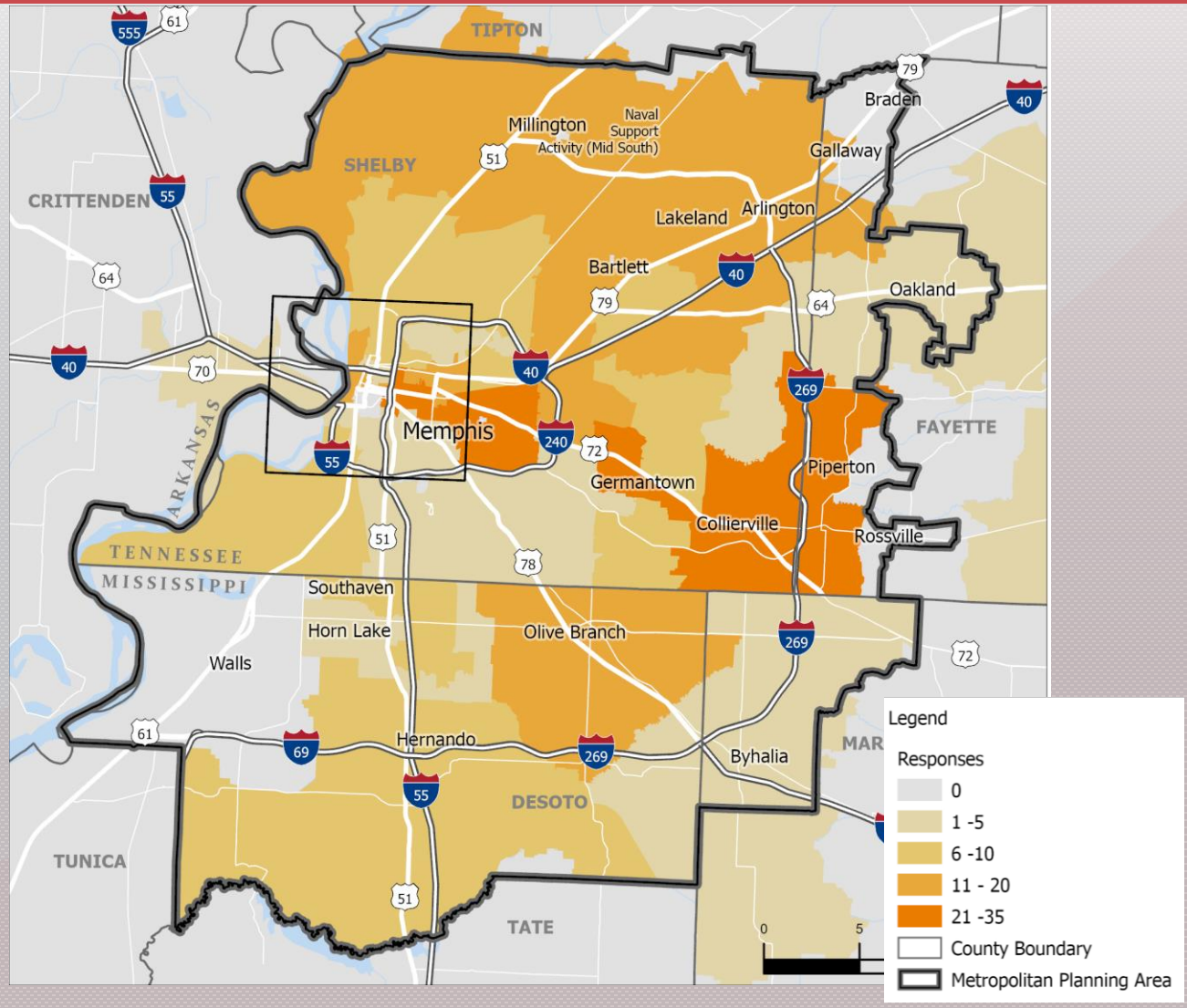
Public/Stakeholder Engagement – Round 1

520 Online Surveys

27 Paper Surveys

1,444 Map Markers

3,400+ Unique Data Points



Public/Stakeholder Engagement – Round 1

Top 5 Themes

- Improve safety for all users
- Improve biking, walking and transit
- Reduce traffic congestion
- Advance community redevelopment
- Maintain what we have

RTP 2050 Goals and Objectives

1. Emphasize the preservation of the existing transportation system
Goal 1 – Maintain existing transportation assets and infrastructure

A. Maintain existing assets as a priority, before system expansion is considered

B. Prioritize strategies to better manage travel demand on existing infrastructure before adding new infrastructure

C. Promote construction/maintenance techniques, materials, and practices that minimize maintenance needs over the plan horizon

2. Increase the safety & security of the transportation system for motorized and non-motorized users
Goal 2 – Increase the safety and security of the transportation system for all users

A. Support projects that address an existing, identified safety or security need

B. Support projects, programs, and policies that advance safe and secure travel for all users over the plan horizon

C. Support coordination among local and state stakeholders to improve traffic regulations, transportation safety education, and emergency response

D. Support projects that are located on, intersects with, or improves access to a STRAHNET Corridors

3. Enhance the integration and connectivity of the transportation system – across and between modes – for people and freight
Goal 3 – Support a fully integrated multimodal network while advancing the development of complete streets

A. Support complete streets implementation

B. Support bicycle, pedestrian, and transit improvements concurrently with roadway improvements

C. Support the long-range transit needs for the region

RTP 2050 Goals and Objectives

4. Increase accessibility and mobility options available to people and for freight
Goal 4 – Improve multimodal access to residential, community, and employment resources

A. Improve bicycle and pedestrian access to employment, educational, health, and recreational opportunities

B. Continue coordination between transit and transportation providers to reach both unserved regional employment markets and rural areas

C. Advance strategies to support last mile connections for key employment origins and destinations

5. Protect and enhance the environment, promote energy conservation, improve the quality of life and promote consistency between transportation improvements and State and local planned growth and economic development patterns
Goal 5 - Advance corridor and community redevelopment opportunities to improve economic development, public health, and quality of life

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

B. Encourage context-sensitive solutions derived from integrated transportation/land use planning efforts

C. Continued coordination to plan for a sustainable infrastructure system which promotes alternative fuels resulting in air quality benefits

RTP 2050 Goals and Objectives

6. Support the economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity, and efficiency
Goal 6 – Ensure the region is well positioned to remain a leader in global logistics and freight movement

A. Reduce truck delay on critical freight corridors and within key freight hubs

B. Reduce intermodal conflict and delay

C. Continue investments in the transportation system to enhance economic competitiveness, and to expand access to regional, national, and global markets

7. Promote efficient system management and operation, including planning for operations
Goal 7 – Reduce travel delay for people and goods

A. Address critical highway bottlenecks as a priority

B. Focus capacity investment on corridor connections to regional employment centers

C. Improve system operations through technology applications

D. Prepare for technological advances that will efficiently and dynamically manage roadway demand and capacity and overall systems operations

RTP 2050 Goals and Objectives

8. Improve the resiliency and reliability of the transportation system and reduce or mitigate stormwater impacts of surface transportation

Goal 8 – Minimize adverse impacts of transportation investment on the (social, natural, historic) environment

A. Preserve and protect natural resources

B. Provide multimodal, active transportation options that reduce vehicle miles travelled and air pollution and improve public health

C. Design the transportation network in a way that protects air and water quality, manages storm water runoff and preserves green space

D. Ensure transportation improvements provide equitable benefits across the region

E. Consider strategies and opportunities to advance and integrate planning and environmental linkages early on in the planning process

9. Enhance travel and tourism

Goal 9 – Enhance travel and tourism

A. Include the economic development benefits associated with travel and tourism when prioritizing transportation projects

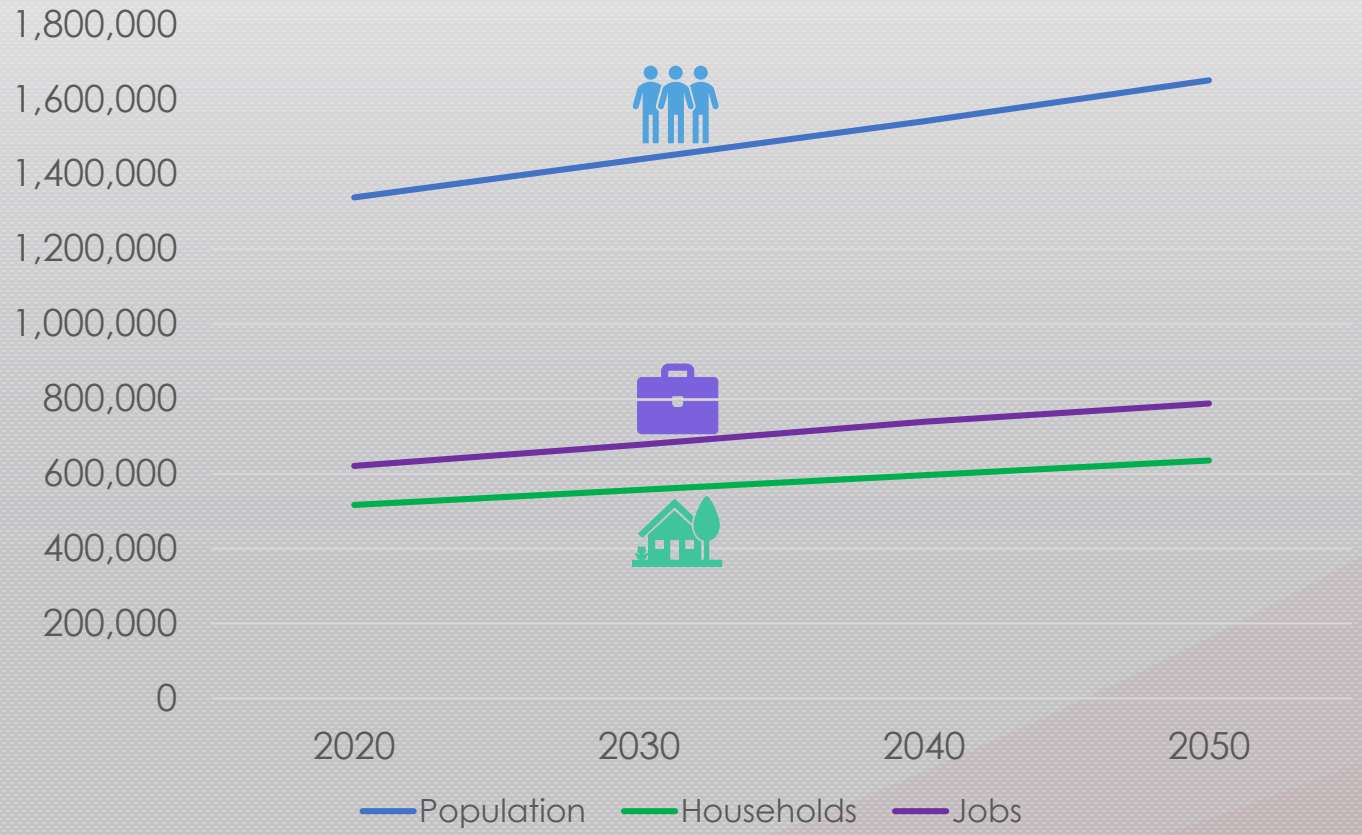
B. Support projects that enhance access to recreation and tourism locations

Regional Forecast, 2020-2050

	Population		Households		Employment	
	2020	2050	2020	2050	2020	2050
Crittenden, AR	48,163	67,000	18,885	26,350	16,929	19,472
DeSoto, MS	185,314	358,800	67,404	130,817	64,690	127,980
Marshall, MS	33,752	45,800	12,631	17,425	8,890	11,810
Tate, MS	28,064	40,000	10,201	14,754	6,051	7,201
Tunica, MS	9,782	14,400	3,817	5,636	7,396	7,540
Fayette, TN	41,990	51,500	16,625	20,438	8,698	17,800
Shelby, TN	929,744	1,006,200	364,625	395,067	496,411	579,381
Tipton, TN	60,970	67,400	22,563	24,977	12,144	16,660
Total	**1,337,779**	**1,651,100**	**516,751**	**635,464**	**621,209**	**787,844**

Source: *Various – U.S. Census Bureau, UT Boyd Center, Infogroup, U.S. Bureau of Economic Analysis, U.S. Bureau of Labor Statistics, TDOT Projections, MDOT Projections, West Memphis MPO RTP, & Woods & Poole*

Regional Forecast, 2020-2050



Population Forecast

+313,000 people

Households Forecast

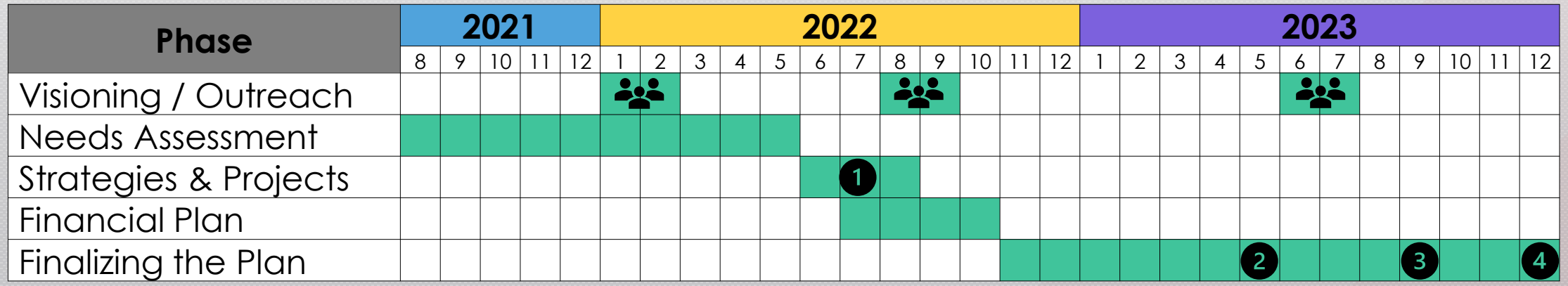
+118,000 households

Employment Forecast

+166,000 jobs

Source: *Various – U.S. Census Bureau, UT Boyd Center, Infogroup, U.S. Bureau of Economic Analysis, U.S. Bureau of Labor Statistics, TDOT Projections, MDOT Projections, West Memphis MPO RTP, & Woods & Poole*

Next Steps



- Round of Community Engagement
- 1 Strategies & Projects
- 2 Final Draft Plan
- 3 Plan Adoption
- 4 Final Documentation

Memphis MPO

METROPOLITAN PLANNING ORGANIZATION

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