MOVING TOGETHER

2050

REGIONAL TRANSPORTATION PLAN

Building Our Connected Future

ETC & TPB Meetings

August 17, 2023

Memphis MPO

METROPOLITAN PLANNING ORGANIZATION

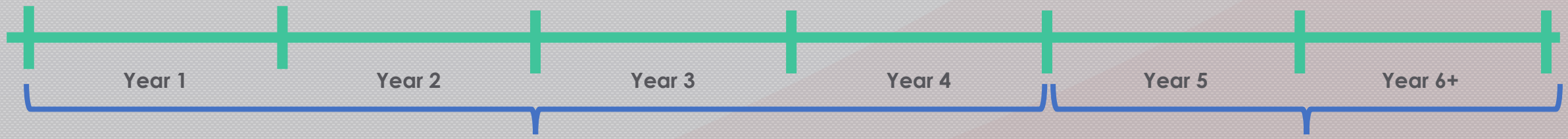
A Federal Requirement

20+year outlook

Updated every 4 years

Fiscally-constrained

Air quality conformity



RTP Adoption & Approval – before the end of 4 year

Start working on next RTP

RTP Development takes 2-2.5 years

Moving Together 2050 RTP Planning Process

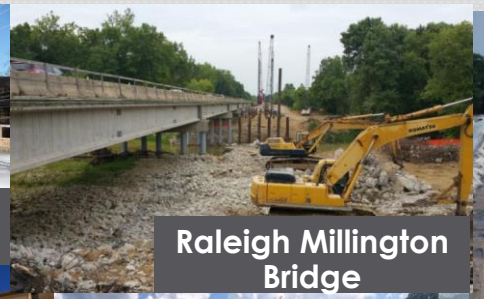
Past, Present & Future

About the Memphis MPO Region – Past

Investment in the Multimodal Transportation System

I-240/I40 Interchange

Poplar Sweetbriar Interchange


Raleigh Millington Bridge

Sam Cooper Bridges

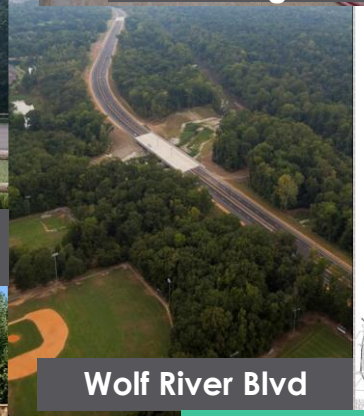
Airways Transit Center

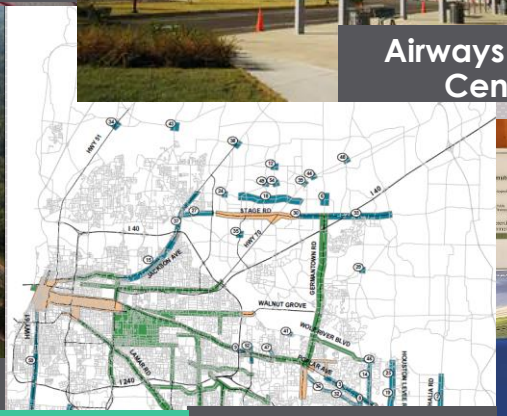
TDOT HELP Trucks

McIngvale Road & Interchange

I-40 at SR-196 Interchange

Johnson Creek Greenway


Wolf River Blvd



Coordinated Signal System

Hall Creek Bridge

Canada Rd Bike Ped

And

Many More

Air Quality Outreach

About the Memphis MPO Region – Present

Railroads

There are **5 FREIGHT TERMINALS** within the region and **5 CLASS I RAILROADS**.

Aviation

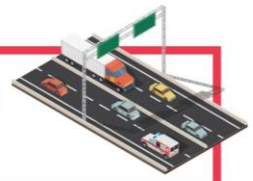
Memphis International Airport is the **LARGEST CARGO AIRPORT** in the Americas and is the **2ND LARGEST** airport in the world in terms of tonnage moved.

Ports

The **INTERNATIONAL PORT OF MEMPHIS** is the **5th LARGEST** inland port in the United States.

Highways

Over **6,200 CENTERLINE MILES** of roadway within the region.



Bike & Pedestrian

Network consists of approximately **1,600 MILES** of pedestrian and bicycle facilities.

Transit

MATA serves over **6.4 million passenger trips*** annually.

*Pre-COVID

Bridges

Over **1,500 BRIDGES** or **BRIDGE-LIKE STRUCTURES** within, or in close proximity to, the region.

MEMPHIS AREA COUNTIES		UNITED STATES
85%	DRIVE ALONE	76%
9%	CARPOOL	9%
1%	PUBLIC TRANSPORTATION	5%
1%	WALK	2%
3%	WORK AT HOME	6%
1%	BICYCLE	2%

Source: U.S. Census Bureau

1.17 MILLION
People living withing the MPO Region

4.7 million

Daily trips within the MPO Region and surrounding area

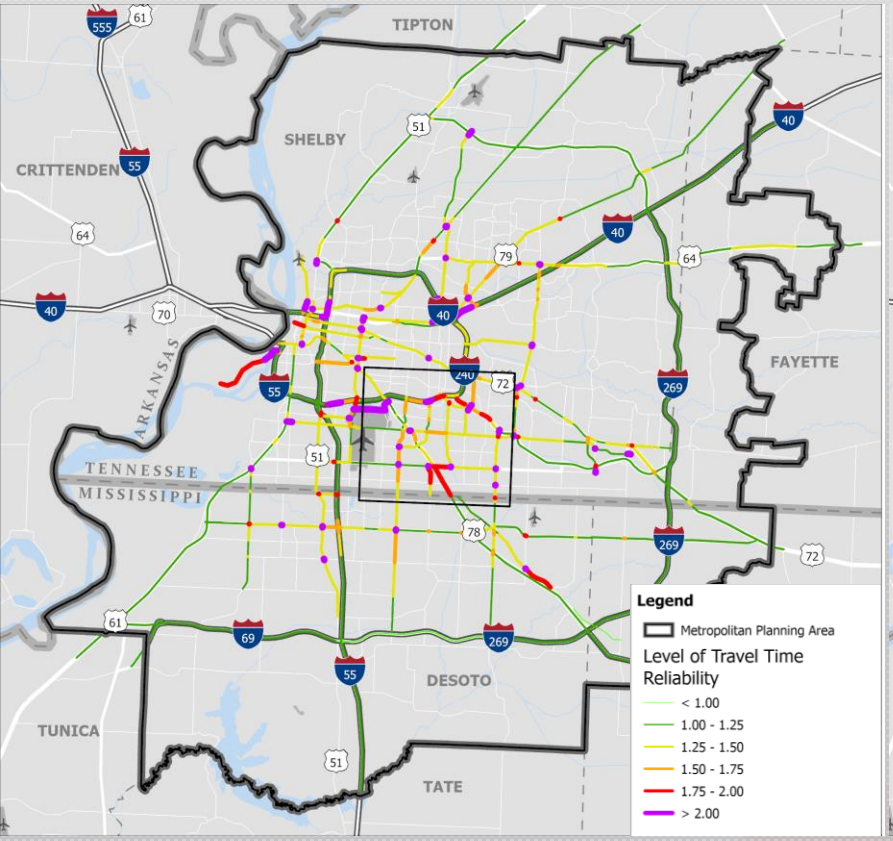
About the Memphis MPO Region – Present

Observed Trip Movements

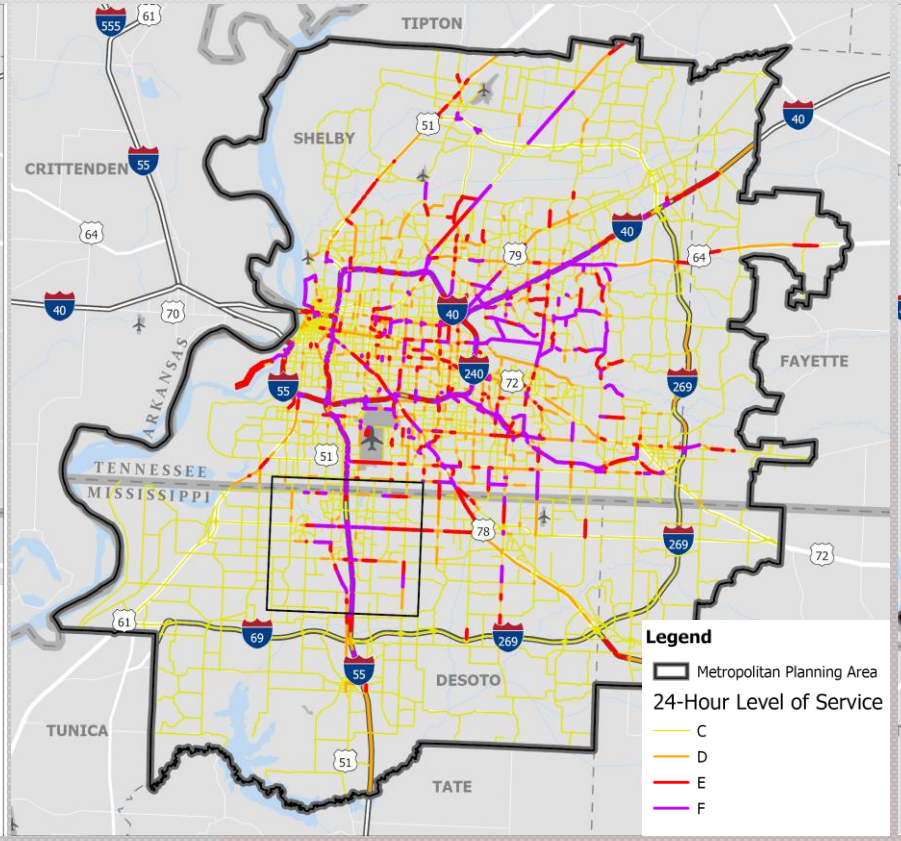
County	Crittenden	DeSoto	Marshall	Tate	Tunica	Fayette	Shelby	Tipton	Total
Crittenden	85%	2%	0%	0%	0%	0%	13%	0%	100%
DeSoto	0%	78%	1%	2%	1%	0%	17%	0%	100%
Marshall	0%	15%	66%	1%	0%	1%	16%	0%	100%
Tate	0%	16%	1%	78%	1%	0%	4%	0%	100%
Tunica	0%	12%	0%	3%	76%	0%	7%	0%	100%
Fayette	0%	1%	1%	0%	0%	62%	35%	1%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

About the Memphis MPO Region – Present

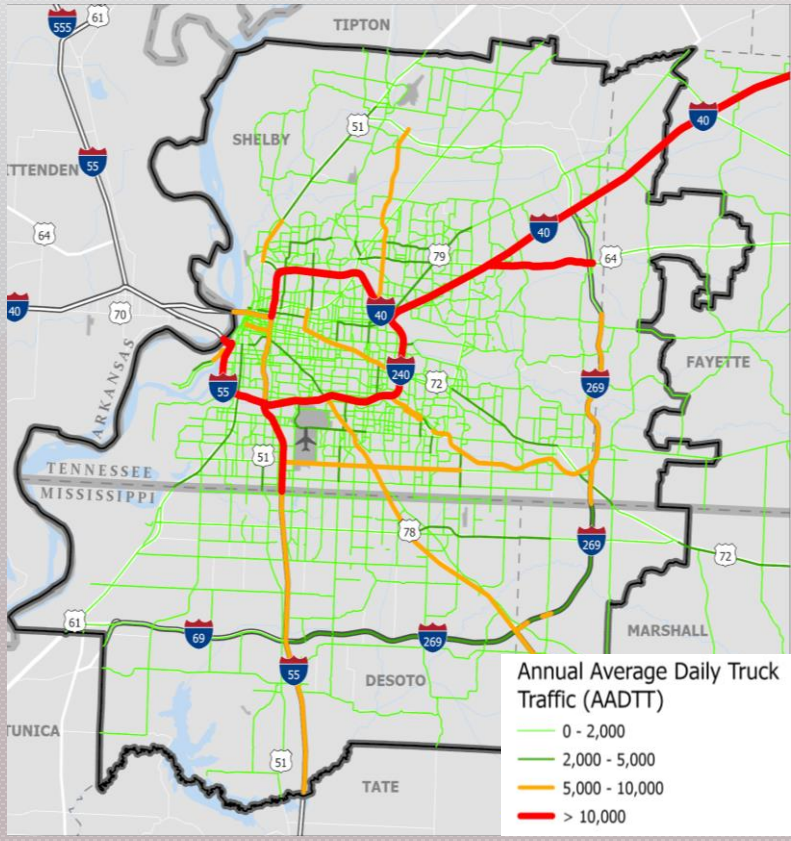
Reliability



Congestion

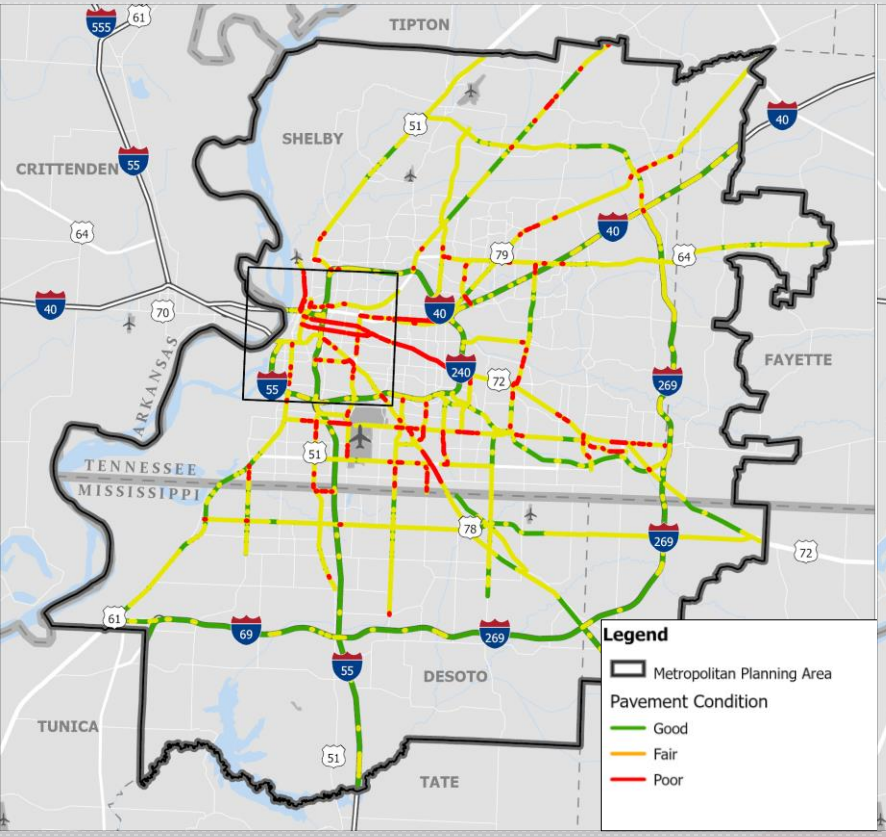


Truck Traffic

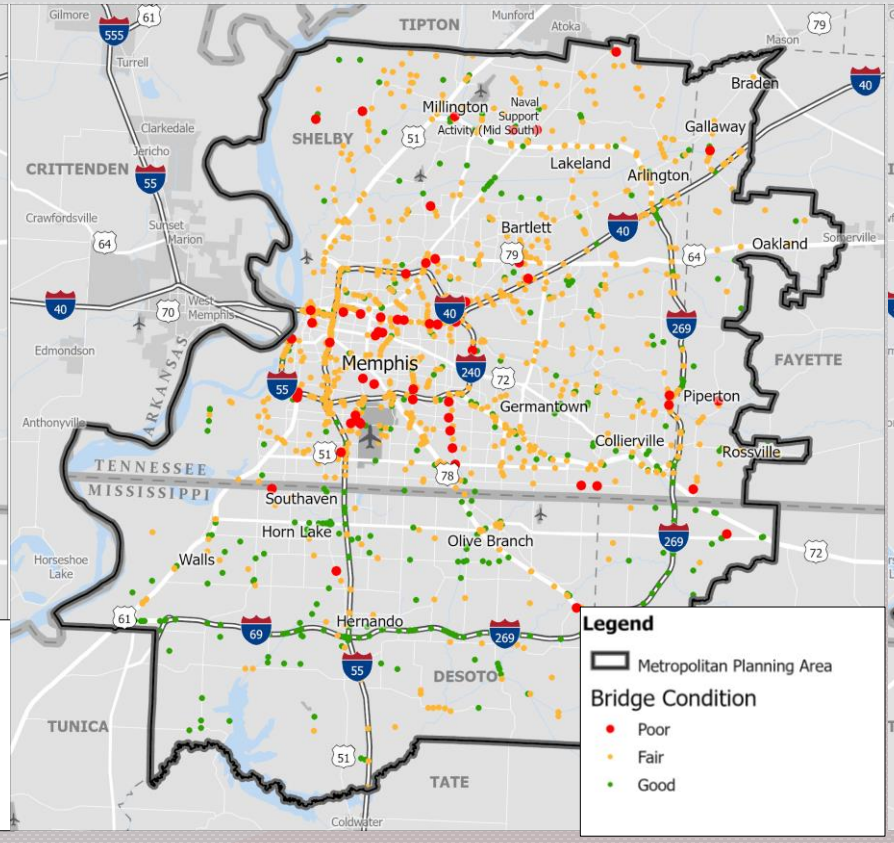


About the Memphis MPO Region – Present

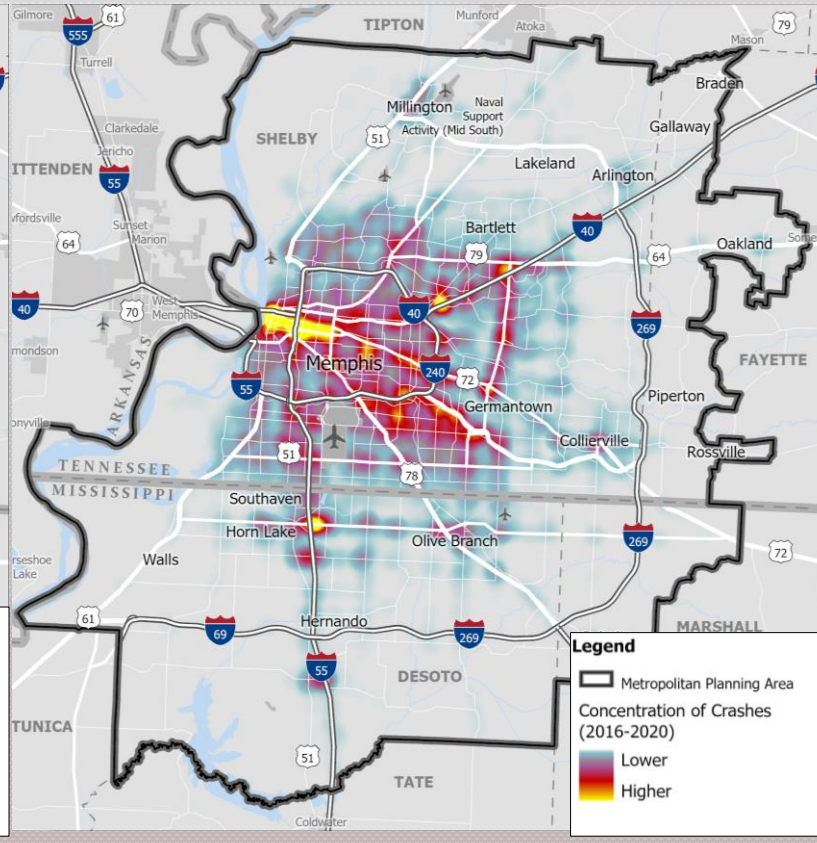
Pavement



Bridge

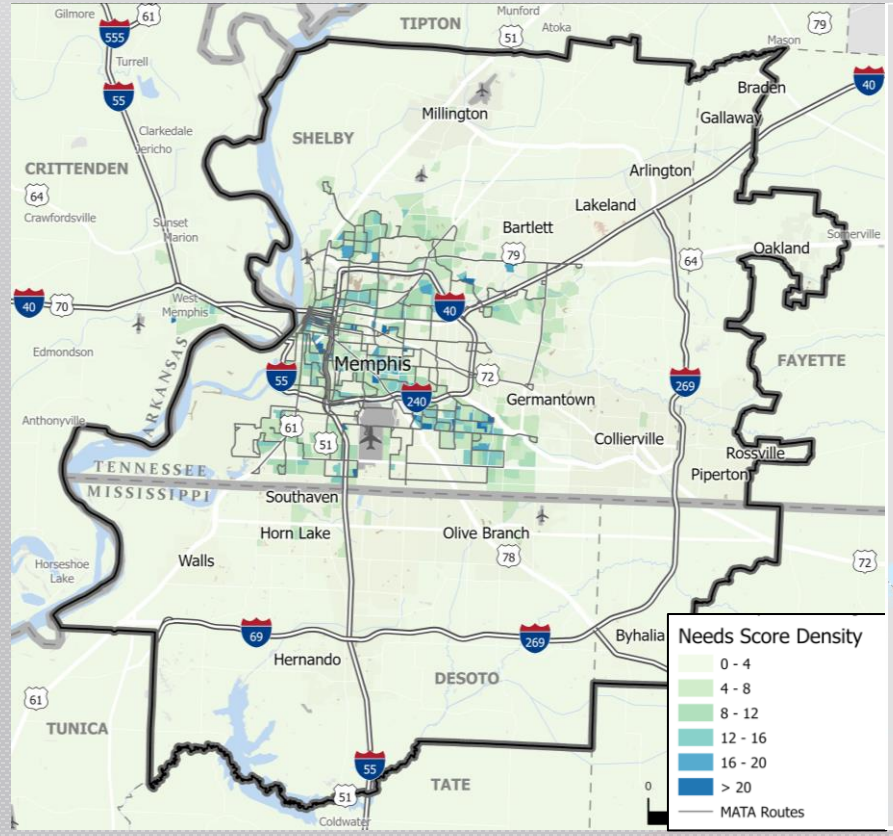


Crashes

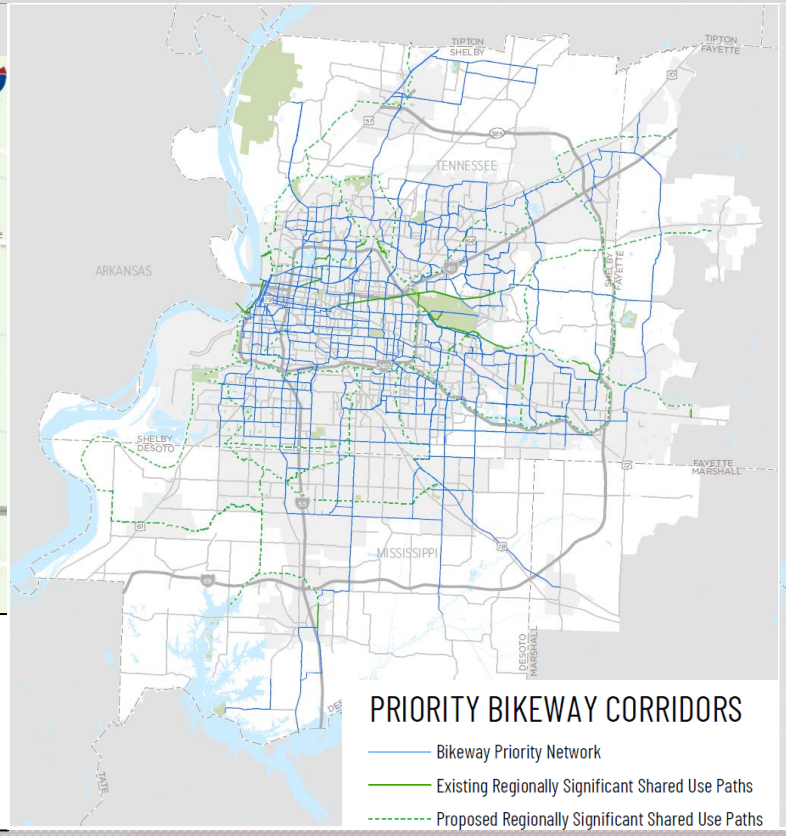


About the Memphis MPO Region – Present

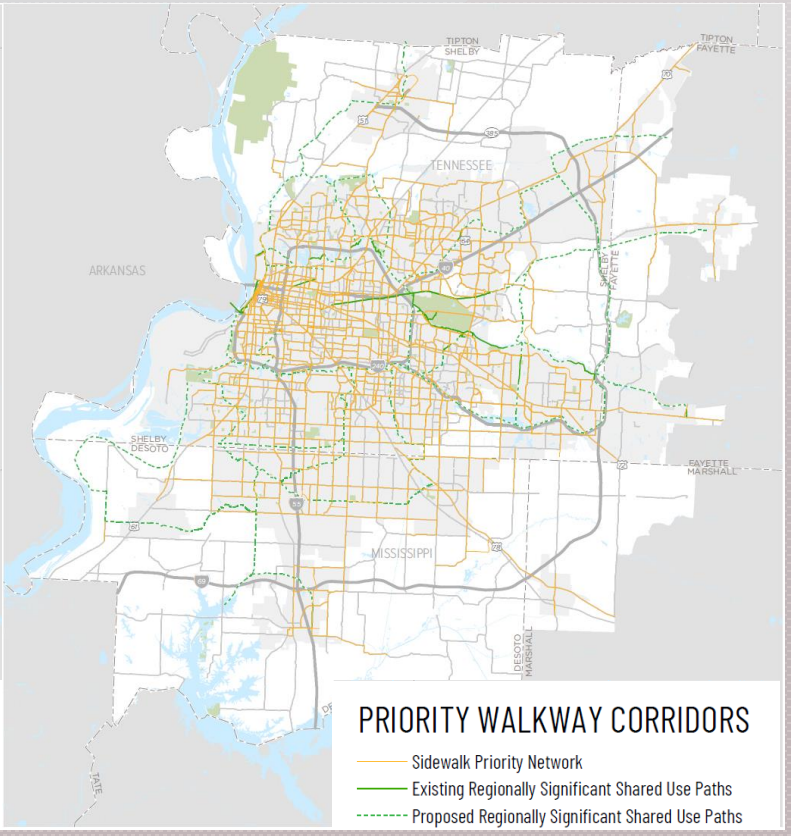
Transit Needs



Bikeways



Walkways

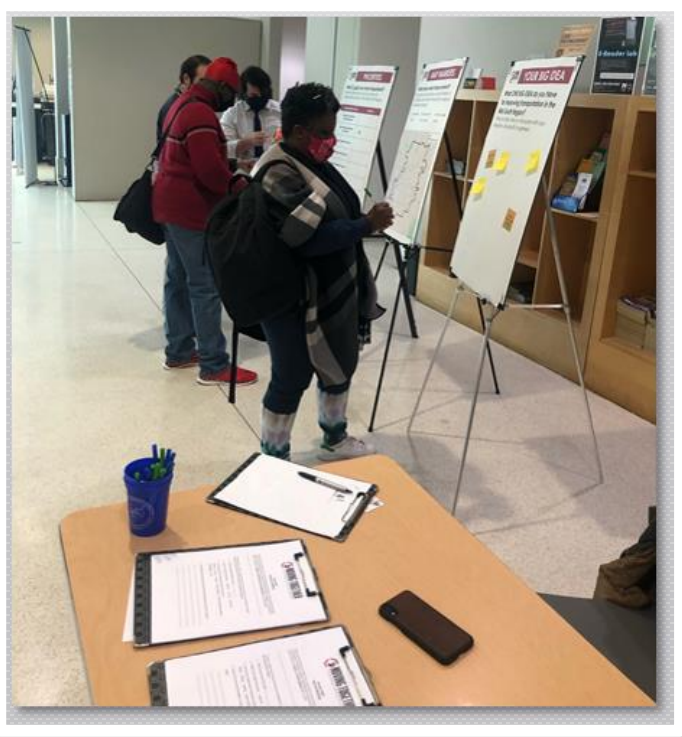


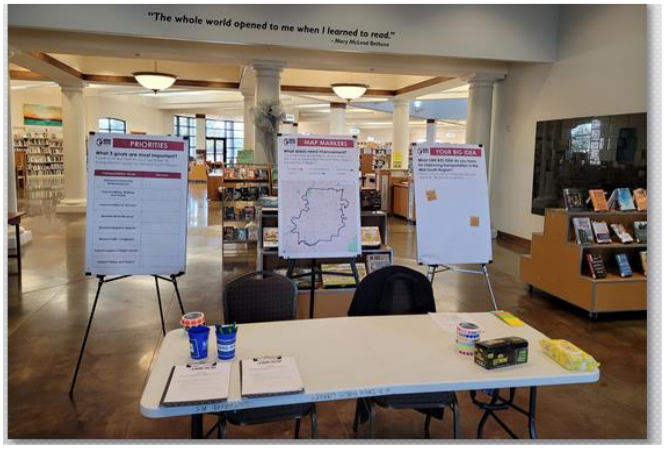
About the Memphis MPO Region – Present

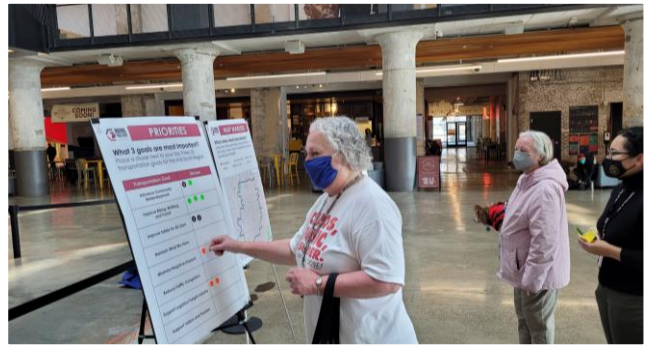
- **Safety**
  - 48,500 crashes per year
  - 39% are angle crashes
- **Pavement**
  - 0.1% interstate routes in poor conditions
  - 13% non-interstate routes in poor conditions
- **Bridge**
  - Approx. 1500 bridges
  - 6% in poor conditions
- **Congestion**
  - Congestion exists along key corridors
  - 23 Min average travel time to work
- **Transit**
  - MATA ridership impacted by COVID, but now recovering
  - Addition of new on-demand zones
- **Bike/Ped**
  - Bike ped crash fatality rate 8%, vs automobile crashes 0.4%
- **Freight**
  - Addressing pavement conditions is the #1 importance for all freight modes

Public Feedback

Community Engagement – Round 1







Summary

- Improve Safety for all users
- Improve Walking, Biking & Transit
- Reduce Traffic Congestion
- Advance Community Redevelopment
- Maintain what we have

Community Engagement – Round 2

Summary

- Improve Safety for all users
- Expand Pedestrian & Shared-use path
- Improve Pavement on Arterial & collectors
- Improve design for better traffic flow & address high congested locations
- Repurpose existing infrastructure (i.e.: complete streets)

Community Engagement – Round 3

Summary

- Prioritize maintenance
- Establish a Safety Mgmt. System
- Responsibly improve roadway system
- Redesign key corridor & intersection
- Support & expand Transit
- Continued expansion of walking and biking

About the Memphis MPO Region – Future

Foundational

Prioritize Maintenance

Establish a Safety Management System

Continue to Focus

Responsibly Improve Roadway System

Redesign Key Corridors and Intersections

Address Freight Bottlenecks and Needs

Support and Expand Public Transit

Continued Expansion of Biking and Walking Infrastructure

Transportation Demand Management (TDM)

Emerging

Support Alternative Fuel Vehicles and Infrastructure

Monitor Emerging Technology Options

Memphis MPO

METROPOLITAN PLANNING ORGANIZATION

Thank You!

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