The Roles and Functions of the Memphis Metropolitan Planning Organization (MPO)
Overview

- What is an MPO?
- Core MPO functions
- The Memphis MPO at a glance
The MPO is a **federally mandated** transportation policy-making and planning body.

The MPO **allocates** scarce transportation funding resources appropriately.

Federal Law requires a **regional outlook for transportation planning**. Hence Planning needs have to reflect the **region’s shared vision** for its future.

The MPO ensures federal spending on transportation occurs through a **comprehensive, cooperative and continuing** (3-C) process.
Who is the MPO?

- Elected Officials
- Municipalities, Counties & Regional Agencies
- State Agencies
- Transit Operators
- Public
- Federal Agencies
- Private Sector
- Interest Groups
Types of MPO’s

- **Two Types**
  - Large (population 200k or more) *(Memphis MPO)*
  - Small (population between 50K and 200K)

- **Large MPO’s (Tennessee has 4 Large MPOs)**
  - Also called Transportation Management Areas or TMAs
  - Require federal certification every 4 years
  - Receive direct allocations from Federal Government for STP funds (complete discretion to the MPO as to how they use these funds, within federal guidelines)

- There are more than **300** MPO’s in the nation
What laws apply to the MPO?

- **Federal Transportation Law – MAP-21**
  - Primary law that the MPO has to follow
  - Explains what funding programs are available and how they can be used
  - Defines the MPO’s role and mandated tasks

- **Clean Air Act – (Environmental Protection Agency)**

- **TITLE VI of the Civil Rights Act**
Four Core Functions:
- Establish a setting – fair & impartial
- Maintain a Long Range Transportation Plan (LRTP)
- Develop a Transportation Improvement Program (TIP)
- Involve the public – residents and key affected sub-groups
MPO Planning Process

- Land Use Model
- Traffic Model
- PPP
- UPWP
- TIP
- Corridor Studies
- Special Studies
- Coordinated Human Services Plan
- LRTP
- Bike Ped Plan
- Transit Plan
- Congestion Management Plan
- ITS Architecture
- Coordinated Human Services Plan
- LRTP
- ITS Architecture
# Major MPO Plans

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<th>Time Horizon</th>
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<th>Update Requirements</th>
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<td>20 years (minimum) 25 years (preferred)</td>
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## Other MPO Plans

### Public Participation Plan
- Describes strategies for engaging the public
- Provides basis for project/plan-specific involvement plans

### Bicycle & Pedestrian Plan
**Unified Planning Work Program (UPWP)**

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- MPO federal budget – covers 2 fiscal years
- Lists all the planning studies that MPO, MATA, TDOT and MDOT will do in the MPO area
- Identifies sources and allocation of federal, state, and local funding for MPO activities
Transportation Improvement Program (TIP)

- Short Range Plan – covers 4 fiscal years
- Multimodal Plan – Roads, Bridges, Transit, Bike, etc.
- Allocates transportation resources among jurisdictions based on regional priorities
- Amended on a continuous basis
- Fiscally constrained and conforms to air quality standards
- Includes federally funded projects and regionally significant local projects of highest priority

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### Long Range Transportation Plan (LRTP)

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25 years (preferred) | Future goals, strategies, and projects                      | Every 4 years       |

- **Long Range Plan** – Looks 20+ years in the future
- **Multi-modal transportation plan**
- **Describes transportation improvements through horizon year (currently 2040)**
- **Fiscally constrained** – identifies project funding sources
- **Conforms to national and local air quality standards**
- **Includes federally funded projects and regionally significant local projects**
THE MEMPHIS MPO AT A GLANCE
*There are 5 Bi State MPO’s in Tennessee*
MPO Planning Area:
- Shelby Co.
- Western Fayette Co.
- Northern Desoto Co.

The MPO planning area contains the urbanized area as defined by the U.S. Census, as well as areas expected to be urbanized in the next 20 years.
Transportation Policy Board (TPB)

State of Tennessee
- TN Governor
- Shelby County
  - Arlington
  - Bartlett
  - Collierville
  - Germantown
  - Lakeland
  - Memphis
  - Millington
- Fayette County
  - Braden
  - Gallaway
  - Piperton

State of Mississippi
- MS Governor
- DeSoto County
  - Hernando
  - Horn Lake
  - Olive Branch
  - Southaven
  - Walls

Transportation Agencies
- MATA
- M/SC Airport Authority
- M/SC Port Commission
2040 LRTP

- Bicycle & Pedestrian
- Transit
  - Potential High Capacity Transit Corridors
- Freight
  - High Priority Projects
  - Intermodal Facilities
- Complete Streets
  - Community-oriented Streets
- Roadway Projects
  - Maintenance & Enhancement
Transit

- Potential High Capacity Transit Corridors
- Describes potential transit modes for various corridors
2040 LRTP TN Projects
2040 LRTP MS Projects
MPO & Related Plans

- MPO Regional Bicycle & Pedestrian Plan
- MATA Short Range Transit Plan

Activity By Stop - Inbound
(boards and alightings per weekday)

- 1
- 50
- 100
- 250
- 500

Park and Ride
On-Street Transfer Ctr.
Major Transit Center
¼ Mile Route Buffer
Primary Routes
Route Branch
Local Radial Routes
Crosstown Routes
Express Routes
Feeder Routes
Shuttles

Data: MATA, Memphis Urban Area MPO
2011-14 TIP Projects

- **Major projects**
  - Completion of I-269 through TN & MS
  - Interstate widening projects – I-40
  - Highway interchange improvements – I-40 Canada Rd
  - ITS projects (Highway DMS boards, Signal Coordination)
  - Crump Blvd. interchange
  - I-240 Widening
2011-14 TIP: TN Projects
2011-14 TIP: MS Projects
Recent & Current Projects

**ARRA**
- Repaving, Bridge Repair, Bike/Ped
- 56 TN projects, totaling $26 million
- 7 MS projects, totaling $2.45 million

**STP & NHS**
- Wolf River Blvd
- Alexander Rd, MS
- Veterans Pkwy
- I-269 / TN-385

**Other Funds (CMAQ, TE, etc.)**
- Shelby Farms Greenline
- Greenline Extensions
- Signal Coordination
Recent & Current TN Projects
Questions?

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