



Objectives and Performance Measures Update

November 2022



What is the Metropolitan Transportation Plan (MTP)?

- Identifies regional transportation strategies and projects
- Long-range (20+ years)
- Fiscally constrained
- Formal document submitted to ODOT and USDOT every 4 years



Why is the MTP Important?

- **Central Ohio is growing**
 - Demographics are changing
 - Development is changing
 - Demands on the transportation system are changing
- **Transportation projects must be on the MTP to be eligible for federal funding**
 - Formula & Discretionary (BIL)
 - Guides the work of MORPC and regional and local planning partners



By guiding investment in transportation and mobility infrastructure and services in Central Ohio, the MTP identifies strategies to advance the following six goals:



Create sustainable neighborhoods to improve all residents' quality of life.



Increase regional collaboration and employ innovative transportation solutions to maximize the return on public expenditures.



Position Central Ohio to attract and retain economic opportunity to prosper as a region and compete globally.



Provide transportation and mobility options to benefit the health, safety, and welfare of all people.



Protect natural resources and mitigate infrastructure vulnerabilities to maintain a healthy ecosystem and community.



Reduce per capita energy consumption and promote alternative fuel resources to increase affordability and resilience of regional energy supplies.



Objectives & Targets

- **2-4 objectives for each goal**
 - What needs to be done to achieve the goal?
 - Chosen to measure certain aspects of each goal that can be impacted through transportation or the transportation system
 - Based on data availability and measurability.
- **1 or more measures for each objective**
 - How do we know if we are making progress?
- **Near- and Long-term targets for each measure**
 - How much progress should we make by when?
 - 2030, 2050
- **Cite data source, applicable geography and network**
- **Include both regional and federally required measures**





Draft Objectives & Measures



Create sustainable neighborhoods to improve all residents' quality of life.

- **Encourage and support MORPC member communities to adopt complete streets policies or policies that contain those elements**
 - % of MORPC member communities with adopted policy
- **Increase the amount of bicycle and pedestrian infrastructure**
 - Mileage of **low/moderate stress** bike facilities
 - % sidewalk coverage within **urbanized area**
- **Target infrastructure development to serve a higher number of people and jobs**
 - % population within $\frac{3}{4}$ mile by population **groups** of interest
 - arterial or collector; **Low/moderate stress** bikeway; transit stop; **high-capacity transit stop**
 - % jobs within $\frac{3}{4}$ mile
 - arterial or collector; **Low/moderate stress** bikeway; transit stop; **high-capacity transit stop**



Draft Objectives & Measures

- **Increase the average number of jobs reachable within 20 minutes via**
 - Automobile, transit; **low/moderate stress bikeway; pedestrian facilities**
- **Increase the average number of jobs reachable within 40 minutes via**
 - Automobile; transit
- **Minimize the percentage of total vehicle miles traveled under congested conditions**
 - Annual Peak Hours of Excessive Delay (federal measure)
 - **In development: refining previous method to calculate travel under congested conditions**
- **Minimize the amount of extra, or buffer, travel time necessary when planning expected trip travel time.**
 - AM/PM Uncertainty index
 - Travel Time Reliability (Federal Performance Measure)
 - **On-time performance of fixed-route transit**



Position Central Ohio to attract and retain economic opportunity to prosper as a region and compete globally.



Draft Objectives & Measures

- **Maintain infrastructure in a state of good repair by minimizing the percentage of bridges and pavements in poor condition and maintaining transit fleet of a useful life**
 - PCR; bridge condition; transit fleet condition (federal measures)
- **Reduce the number of fatalities and serious injuries from crashes**
 - Crash frequency & rates for fatalities, serious injuries, vulnerable users (federal measures)
- **Minimize the difference in trip travel time for disadvantaged populations relative to the regional trip travel time**
 - Ratio of travel time for disadvantaged populations compared to entire population - **Reviewing calculation methodology**



Provide transportation and mobility options to benefit the health, safety, and welfare of all people.



Draft Objectives & Measures

- Increase the percentage of functionally classified Minor Arterials and above facilities employing coordinated Intelligent Transportation System (ITS) technologies and *increase the mileage of facilities with vehicle to infrastructure communication capabilities*
- Increase the number of transit vehicles and facilities with surveillance capabilities and increase the miles of functionally classified Principal Arterials and above with video surveillance
- Encourage and support MORPC member communities to adopt Smart Streets policies or policies that contain those elements
- Increase the percentage of funding from non-public sources on transportation projects on functionally classified Principal Arterials and above (reviewing methodology)
- Increase the number of projects utilizing innovative initiatives on functionally classified Principal Arterials and above (reviewing methodology)



Increase regional collaboration and employ innovative transportation solutions to maximize the return on public expenditures.



Draft Objectives & Measures

- **Reduce the percentage of commuters driving alone and increase the percentage of commuters riding transit, bicycle, or walking**
 - % SOV (federal measure)
 - % walk, bike or use transit
- **Reduce vehicle miles traveled (VMT) per capita**
- **Increase the percentage of vehicles using alternative fuels**
 - % of all vehicles
 - **% transit fleet vehicles**
- **Increase the number of alternative fuel stations**
 - # of stations
 - **# of EV charging ports**



Reduce per capita energy consumption and promote alternative fuel resources to increase affordability and resilience of regional energy supplies.



Draft Objectives & Measures



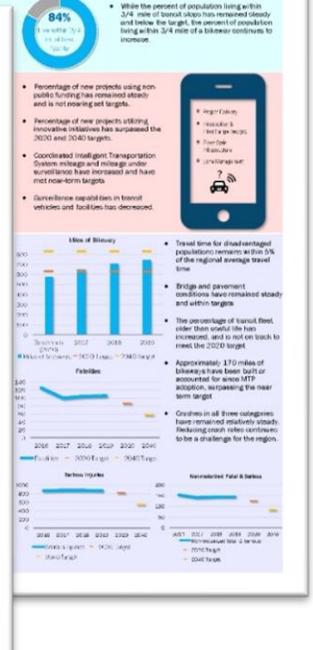
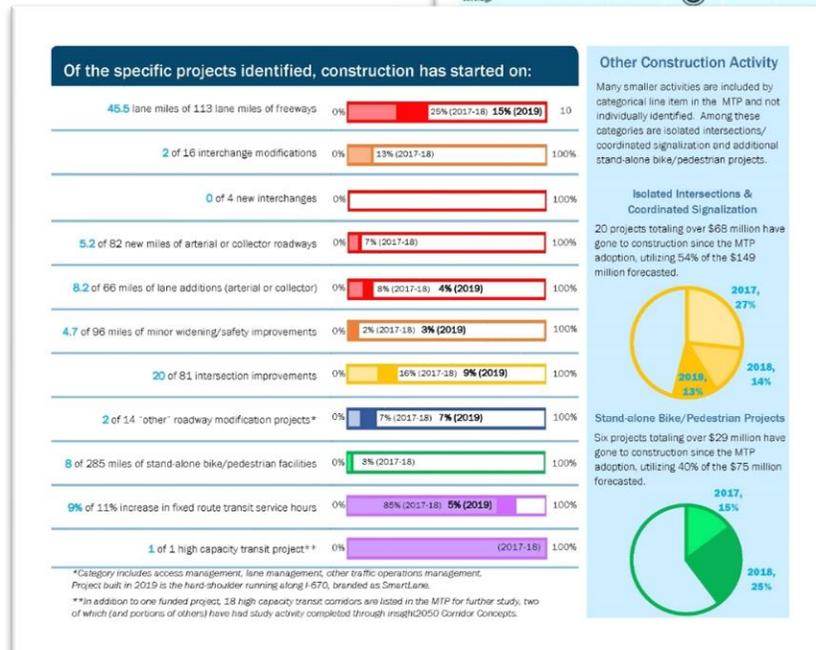
Protect natural resources and mitigate infrastructure vulnerabilities to maintain a healthy ecosystem and community.

- **Reduce emissions from mobile sources to continuously meet EPA air quality standards for each criteria pollutant**
 - Attainment designation
- ***Potential Asset Criticality objective and measure (previously flooding locations)***
 - **In development**



Objectives & Targets

- Inform Project Evaluation Criteria
- Monitored through Annual Report Card



*Category includes access management, lane management, other traffic operations management. Project built in 2019 is the hard shoulder running along I-570, branded as SmartLane.
**In addition to one funded project, 18 high capacity transit corridors are listed in the MTP for further study, two of which (and portions of others) have had study activity completed through irsrgh2050 Corridor Concepts.



Next Steps:

- **Continue to develop objectives and measures**

- Open public comment period ahead of December meeting
- Present Objectives and Measures for adoption in December or February

Development of benchmarks and establishment of targets developed in 2023

- **Present 2050 Population and Employment Forecasts**





2022

- Review, update, adopt Goals, Objectives, Performance Measures, Targets
- Develop and adopt 2050 population and employment growth projections

2023

- Compile candidate strategies and projects
- Interactive webmap
- Strategy and project evaluation
- Draft strategies and projects

2024

- Full draft document
- Public comment period
- May: MTP Adoption

Public Participation

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