



Chapter 2 - GOALS, OBJECTIVES & PERFORMANCE MEASURES



Chapter 2 – Goals, Objectives, & Performance Measures

Introduction and MAP-21 Performance Measures

MAP-21 requires Performance Measures to inform and improve the MPO decision making process. Performance measures (PMs) are set to achieve a desired set of performance outcomes for a multimodal transportation network. After an MPO develops their set of performance outcomes, the PMs are used to track the performance of the outcomes over time to determine the progress in meeting them. This tracking occurs through the ongoing data collection and planning activities of the MRPC. The development and tracking of PMs allows the MRPC to identify the areas that additional emphasis through TIP projects may be necessary to achieve a safe and dependable regional multimodal transportation network.

Vision Statement

The Montachusett Metropolitan Planning Organization seeks to provide a multi-modal transportation system that is safe, secure, efficient and affordable to all individuals while maintaining support and encouragement for economic development, growth and revitalization while simultaneously promoting a sustainable, healthy, livable and environmentally sensitive region.

Goals and Objectives

Goal 1 – Improve and Maintain Safety and Security

Objectives

- Seek to reduce the number and severity of vehicular crashes within the region across all modes.
- Promote projects that are designed to address high crash locations and prioritize their implementation.
- Promote and encourage education outreach programs to drivers, pedestrians and bicyclists regarding rules and responsibilities.
- Expand community involvement with federal and state programs and education initiatives such as Safe Routes to School.
- Seek to improve user awareness along all transportation networks through better identification, pavement markings and signage with an emphasis on bicycle and pedestrian routes.
- Seek to expand the number and use of variable message signs along major roads such as Route 2 and I-190 to inform drivers of potential unsafe conditions and important alerts.
- Promote projects that address key identified emergency and evacuation routes in order to maintain effectiveness.

Performance Measures

1. Reduce the Regional EPDO and percentage of fatal and injury crashes among vehicles, bicycles and pedestrians by 10% over a 10 year period.
2. Reduce the fatality rate by 10% and the serious injury rate by 10% from current levels in 10 years.
3. Identify and/or implement 4 to 5 corrective projects at identified top 10 high incident locations over a 10 year period.
4. Conduct 1 to 2 Road Safety Audits at identified high crash locations every 2 years.
5. Increase the number of communities involved in the Safe Routes to School program.
6. Maintain involvement with the Central MA Regional Homeland Security Council and evacuation planning efforts.
7. Maintain the average number of preventable fixed route crashes under 2+ per month and demand responsive crashes under 5+ per month.

Goal 2 – Reduce Congestion and Improve Mobility**Objectives**

- Monitor locations and promote projects that address congested roadways within the region.
- Support programs that quickly and efficiently address bridge deficiencies across all modes with an emphasis on freight and rail locations.
- Encourage communities to address local mobility issues in order to promote mode shift options in congested areas.
- Seek to increase travel options within the region through the promotion of trails, Complete Streets, transit, land use and their interactions.

Performance Measures

1. Conduct Travel Time data collection along 3 to 5 major roadways throughout region on an annual basis.
2. Identify 1 bottleneck location and conduct a study every 2 years in order to develop and/or implement corrective measures.
3. Increase the number of Complete Street certified communities within the region. Seek to have a majority of communities formally certified within 10 years.

Goal 3 – Promote and Seek Equitable Transportation for All**Objectives**

- Seek to increase access to transit options through improved dissemination of available service information.
- Improve outreach and partnerships between RTA's and social service agencies, schools, health centers, neighborhood organizations, etc.
- Seek to expand and increase transit service operations to improve job access and commercial services for all users.

- Promote the development of improvements and options across all modes for areas that serve Title VI and Environmental Justice populations.
- Monitor fee options in order to maintain equitability for all users.
- Actively seek and identify organizations and agencies of Title VI and Environmental Justice populations and conduct direct outreach to encourage involvement and participation in the planning process.

Performance Measures

1. Increase formal membership and public outreach within Montachusett Joint Transportation Committee (MJTC) of Title VI and Environmental Justice groups.
2. Conduct benefits/burdens review of federal aid projects identified through the TIP process on an annual basis.
3. Continue to work with the Montachusett Regional Transit Authority (MART) to expand outreach to and usage by Title VI and Environmental Justice communities through promotions and training methods on how to utilize the system.

Goal 4 – Improve System Preservation and Maintenance of All Modes

Objectives

- Seek to encourage and prioritize preservation projects within communities in order to maintain a state of good repair for all modes.
- Continue to monitor, and revise as needed, the Transportation Evaluation Criteria (TEC) to encourage those projects that help to maintain a state of good repair.
- Continue the promotion and prioritization of bridge projects throughout the region.
- Encourage communities to maintain and monitor trails that provide transportation options throughout the year.
- Seek to encourage additional funds for maintenance as well as the development of a potential federal/state funded preservation program.
- Encourage and support continued operation, maintenance, state of good repair and expansion of the transit system.
- Encourage communities with viable preservation projects to seek funding and implementation through and in collaboration with the Transportation Improvement Program (TIP) process.
- Encourage state and local officials to evaluate the benefits of a joint procurement process for equipment, materials and services to help reduce costs.

Performance Measures

1. Continue pavement management data collection and analysis efforts on an annual basis through a rotating 3 year schedule of federal aid eligible roadways.
2. Increase the percentage of categorized “Good” to “Excellent” federal aid eligible roadway miles within the region over a 10 year period.
3. Decrease the number of identified “Structurally Deficient” bridges within the Region.
4. Review and revise the Transportation Evaluation Criteria (TEC) every 2 to 5 years to maintain a viable prioritization process.

5. Maintain the number of road service calls due to mechanical failures on the fixed route and demand responsive systems under 10 per month.
6. Maintain a percentage of operated scheduled trips per month at 90% or better.
7. Achieve an average on time ranking on the fixed route system of 95% by 2040.

Goal 5 – Improve Economic Vitality and Freight Movement

Objectives

- Seek to promote economic advantages of the regional trail network and recreational destinations.
- Seek to establish and prioritize major trail connections throughout the region.
- Seek to promote and expand commuter transit and rail options beyond the urban centers.
- Prioritize and improve railroad and other restricted bridges in order to enhance freight mobility.
- Seek to improve freight and general vehicle access and connection to Route 2 throughout the region.

Performance Measures

1. Revise, update and distribute a Regional Trail map, in coordination with the Montachusett Regional Trail Coalition (MRTC), by 2020.
2. Review and analyze 1 to 2 freight corridors through development of a Unified Planning Work Program (UPWP) task every 5 years.

Goal 6 – Improve Transportation Options and Promote Healthy Modes

Objectives

- Seek to expand travel options and modes across the region through improved connections and services.
- Promote additional bicycle facilities for transit centers and vehicles.
- Promote an improved local review process that addresses issues related to Complete Streets, trail development, sidewalk implementation and mobility improvement as well as mode shift options within their community.
- Seek to increase and encourage a shift from single occupant vehicles to transit, bicycle and pedestrian modes through improved transit, van/car pool and trail options.
- Improve infrastructure, i.e. sidewalks, benches, shelters, shared lanes, etc., along competing modes to encourage increased usage.

Performance Measures

1. Increase the number of bicycle facilities, ex. Bicycle racks and lockers and on board bus racks, at transit centers within 12 years.
2. Conduct 3 to 4 walk audits over a 12 year period in interested communities.
3. Establish a top 5 list of prioritized trail connections, within and across communities, in 4 years with updates every 4 years.

Goal 7 – Reduce Green House Gas and Promote Environmental Practices and Sustainability***Objectives***

- Seek to reduce Greenhouse Gas emissions through support and implementation of Congestion Mitigation Air Quality (CMAQ) and Transportation Alternative Program (TAP) projects as well as state mode shift goals.
- Prioritize vehicle replacement in the transit fleet with applicable and cost effective alternative fuel vehicles.
- Encourage communities to promote and support Green Streets through Low Impact (LID) and Transit Oriented (TOD) Development projects as well as stormwater drainage improvement.
- Encourage and promote transit options to new residential and smart growth developments.
- Encourage and support the use of alternative fuel vehicles by the public with infrastructure support services and by transit systems through vehicle replacement programs.

Performance Measures

1. Increase percentage of alternative fuel vehicles within the overall transit fleet by 2020.
2. Program and implement 100% of Congestion Mitigation Air Quality (CMAQ) projects within the regional Transportation Improvement Program (TIP).

This page left blank.

