



performance-based planning and programming

February 16, 2017
Michelle Scott and Anne McGahan
Boston Region Metropolitan Planning Organization

Key Takeaways

- 1) Federal agencies have finalized performance measure rules → MPOs need to respond to new performance-based planning and programming (PBPP) requirements
- 2) The Boston Region MPO has already laid the groundwork for its PBPP process
- 3) In the coming months, staff will
 - Update you on PBPP developments
 - Ask you to approve measures, targets, and other parts of PBPP process



Key Takeaways

- 1) Federal agencies have finalized performance measure rules → MPOs need to respond to new performance-based planning and programming (PBPP) requirements
- 2) The Boston Region MPO has already laid the groundwork for its PBPP process
- 3) In the coming months, staff will
 - Update you on PBPP developments
 - Ask you to approve measures, targets, and other parts of PBPP process



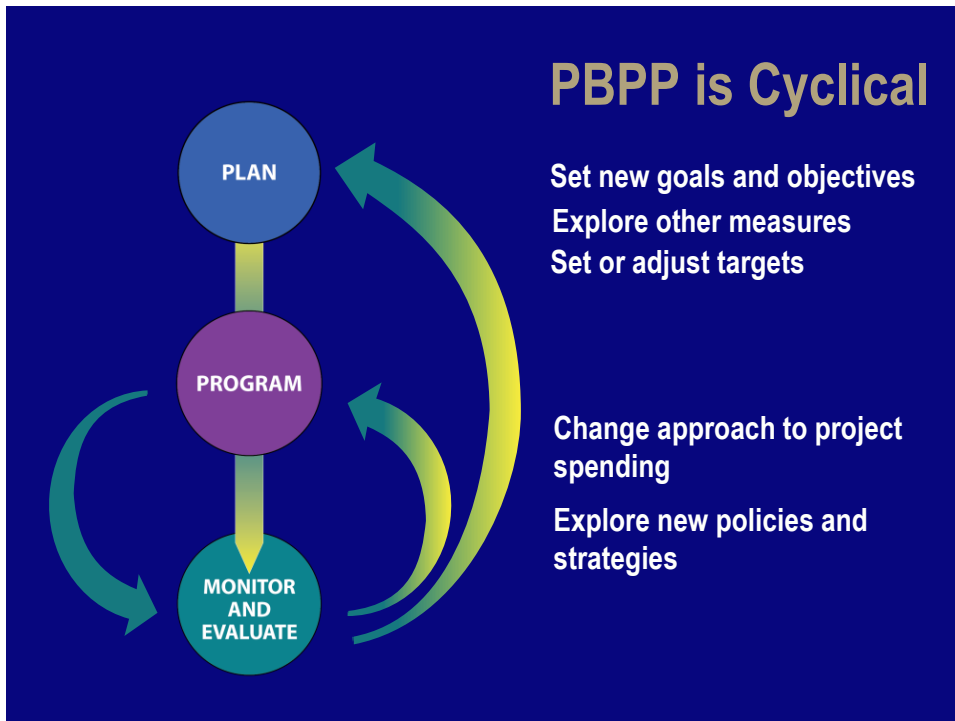
What is PBPP?



Set goals and objectives
 Select measures and set targets
 Gather data and information

Use measures and data to make decisions

Monitor, analyze, and report results
 Consider changes in strategy



Why implement PBPP?

To benefit MPO decision making

- Better understand how choices affect performance
- Support decisions and tradeoffs with focus on outcomes
- Enhance accountability and transparency
- Integrate MPO planning processes

Why implement PBPP?

To address federal requirements

- Established in MAP-21 and FAST Act
- States and MPOs to use “performance-driven, outcome-based” planning approach
- Address national goals



National and MPO Goals

National Goals	MPO Goals
Safety	Safety
Infrastructure Condition	System Preservation
System reliability	Capacity Management/Mobility
Congestion reduction	Capacity Management/Mobility
Freight movement and economic vitality	Capacity Management/Mobility & Economic Vitality
Environmental sustainability	Clean Air/Clean Communities
Reduced project delivery delays	Not applicable
Specific goal not established	Transportation Equity



What's new? – Final Federal Rules

Required performance measures for

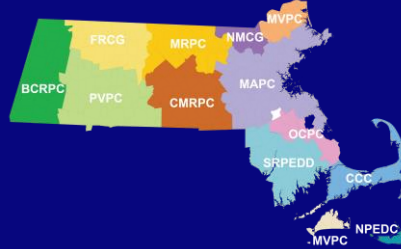
- Safety (highway and transit)
- Infrastructure (bridge and pavement) condition
- Transit asset management
- System reliability
- Freight movement and economic vitality
- Congestion reduction
- Environmental sustainability



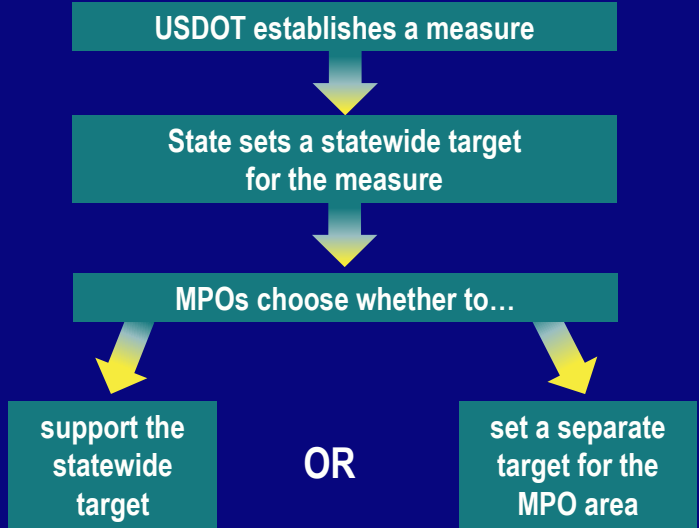
What's new? – Setting Targets

- Target: level of performance to achieve in a specific timeframe
 Example: Reduce fatalities and serious injuries to bicyclists and pedestrians by X% over Y years
- States, MPOs, and public transit operators to coordinate on setting targets

massDOT
Massachusetts Department of Transportation



Target Setting Process

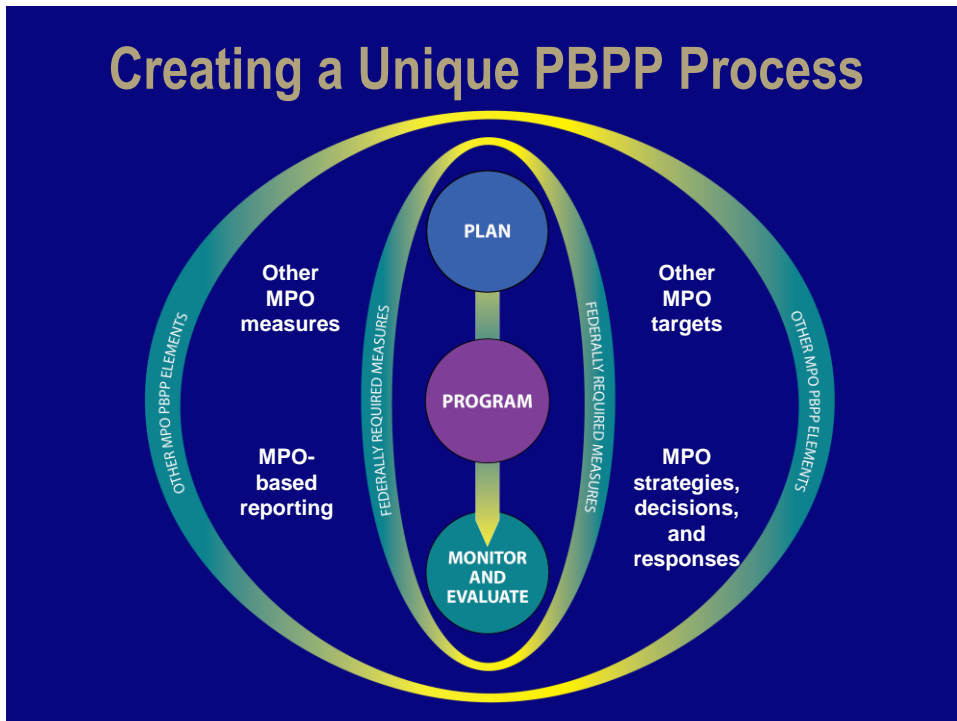


What's new? – Reporting

Activity	L RTP	TIP
Performance measures	✓	✓
Performance targets	✓	✓
System performance with respect to targets	✓	
Progress made in achieving targets	✓	
Link between investment priorities and targets		✓
Anticipated effect of investments on targets		✓



Creating a Unique PBPP Process



MPO Progress: Plan Phase

Already Happening

- ✓ Set goals and objectives
- ✓ Integrate goals into planning
- ✓ Use measures for planning
- ✓ Set baselines
- ✓ Track trends
- ✓ Collect data

To Do

- Select standard measures for reporting (federally required measures and others)
- Set targets
- Update baselines and trends
- Manage and explore additional available data

MPO Progress: Program Phase

Already Happening

- ✓ Analyze scenarios
- ✓ Use performance-driven process to program projects

To Do

- Analyze new scenarios
- Integrate and refine project criteria
- Keep exploring programming strategies and policies

MPO Progress: Monitor/Evaluate Phase

Already Happening

- ✓ Report on trends, outputs and outcomes
- ✓ Analyze effectiveness of strategies

To Do

- Update existing report content and formats
- Continue to develop reporting tools
- Identify needs, strategies, and issues to study
- Adjust framework as needed

Key Upcoming Decisions

Decision	Deadline / Expected Completion Date
Identify scenarios to study and related measures to track performance	Spring 2017
Set MPO targets for federally required safety measures	2/27/2018*
Choose whether to establish other safety measures and targets	Winter 2017/2018

* Pending information on state deadlines



Next Steps

- Continue coordinating with Commonwealth, other MPOs, transit agencies, and other stakeholders on targets
- Continue reporting in TIP with available measures and data
- Restart scenario planning process
- Begin to consider safety performance measures and targets



Key Takeaways

- 1) Federal agencies have finalized performance measure rules → MPOs need to respond to new performance-based planning and programming (PBPP) requirements
- 2) The Boston Region MPO has already laid the groundwork for its PBPP process
- 3) In the coming months, staff will
 - Update you on PBPP developments
 - Ask you to approve measures, targets, and other parts of PBPP process



Key Takeaways

- 1) Federal agencies have finalized performance measure rules → MPOs need to respond to new performance-based planning and programming (PBPP) requirements
- 2) The Boston Region MPO has already laid the groundwork for its PBPP process
- 3) In the coming months, staff will
 - Update you on PBPP developments
 - Ask you to approve measures, targets, and other parts of PBPP process

