Understanding the TIP Process

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Boston Region Metropolitan Planning Organization
Agenda

- Introduction to the MPO
- TIP Funding
- TIP Timeline and Process
- TIP Resources
- TIP Projects in Your Cities and Towns
- Wrap-up and Questions
3C Process

**Cooperative**
- Wide range of parties
- Public participation

**Continuing**
- Short-term
- Long-term

**Comprehensive**
- All modes
- Consistent with land-use and economic development plans
MPOs Prepare Three Documents to Support Decision Making

**Long Range Transportation Plan (LRTP)**
- Sets transportation vision for 20+ year timeframe
- Establishes policies and allocates federal transportation funding to achieve this vision

**Transportation Improvement Program (TIP)**
- Implementation arm of LRTP
- Programs capital investments over the next five FFYs

**Unified Planning Work Program (UPWP)**
- Annual work program that includes planning activities that support LRTP vision and goals
Improving transportation in the Boston region through technical analysis, collaborative planning, and community engagement.

24 Members

- 8 Municipalities representing subregions (elected)
- 2 Cities, at-large (elected)
- 2 Towns, at-large (elected)
- 2 City of Boston (permanent)

5 Transportation agencies

- Massachusetts Department of Transportation (3 seats)
- Massachusetts Bay Transportation Authority
- Massachusetts Port Authority

2 Federal agencies (nonvoting)

- Federal Transit Administration
- Federal Highway Administration

2 Advisory councils/boards

- Regional Transportation Advisory Council
- MBTA Advisory Board

1 Metropolitan Area Planning Council

*Community is in more than one subregion. Dover is in TRIC and SWAP, Milton and Needham are in ICC and TRIC.
TIP Funding Sources

Federal Highway Program $734 - $782 million

Accelerated Bridge Program (ABP) Repayment $66 - $94 million

Statewide TIP Funding $595 million (federal) + $138 million (state)

MassDOT Highway Division Priorities
- Reliability programs (bridges, pavements)
- Modernization programs (ITS, intersection improvements)
- Expansion (bicycles/pedestrians, capacity)

Regional Priorities
- Complete streets
- Intersection safety
- Bicycle and pedestrian
- Community transportation
TIP Funding Process

“Design Process”
MassDOT Project Development

- Project Need Form (PNF)
- Project Initiation Form (PIF)
- Project Review Committee (PRC) Approval
- Environmental, Design, Right-of-Way Process
- Construction

“Funding Process”
MPO TIP Development

- Preliminary Design
- Universe of Projects
- Evaluate with Criteria
- Create First-Tier List
- Recommendation
- Programmed in TIP
## TIP Evaluation Criteria

<table>
<thead>
<tr>
<th>GOALS</th>
<th>CRITERIA</th>
<th>Project Rating</th>
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<tbody>
<tr>
<td>Safety</td>
<td>• Crash Severity Value: EPDO index&lt;br&gt;• Crash Rate: intersection or corridor&lt;br&gt;• Improves truck-related safety issue&lt;br&gt;• Improves bicycle safety&lt;br&gt;• Improves pedestrian safety&lt;br&gt;• Improves safety or removes an at-grade railroad crossing</td>
<td>23%</td>
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<tr>
<td>System Preservation</td>
<td>• Improves substandard roadway bridge(s)&lt;br&gt;• Improves substandard pavement&lt;br&gt;• Improves substandard traffic signal equipment&lt;br&gt;• Improves transit asset(s)&lt;br&gt;• Improves substandard sidewalk(s)&lt;br&gt;• Improves emergency response&lt;br&gt;• Improves ability to respond to extreme conditions</td>
<td>21%</td>
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<tr>
<td>Capacity Management/Mobility</td>
<td>• Reduces transit vehicle delay&lt;br&gt;• Improves pedestrian network and ADA accessibility&lt;br&gt;• Improves bicycle network&lt;br&gt;• Improves intermodal accommodations/connections to transit&lt;br&gt;• Improves truck movement&lt;br&gt;• Reduces vehicle congestion</td>
<td>21%</td>
</tr>
<tr>
<td>Clean Air/Clean Communities</td>
<td>• Reduces CO₂&lt;br&gt;• Reduces other transportation-related emissions&lt;br&gt;• Addresses environmental impacts&lt;br&gt;• Is in an EOEEA-certified “Green Community”</td>
<td>12%</td>
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<tr>
<td>Transportation Equity</td>
<td>• Serves Title VI/non-discrimination populations</td>
<td>9%</td>
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<td>Economic Vitality</td>
<td>• Serves targeted development site&lt;br&gt;• Consistent with the compact growth strategies of MetroFuture&lt;br&gt;• Provides multimodal access to an activity center&lt;br&gt;• Leverages other investments (non-TIP funding)</td>
<td>14%</td>
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TIP Development Timeline

- **October:** Initial Outreach to TIP Contacts
- **November:** Draft Universe and Data Collection
  - Nov. 8 – 22: Municipalities Review Universe
  - Nov. 15: Key MPO Meeting – Draft Universe
- **December:** Data Collection and Project Evaluations
  - Dec. 3: Deadline for submitting data for project evaluations
  - Dec. 6: MassDOT Project Review Committee meeting
TIP Development Timeline

- **January:** Project Evaluations

- **February:** Evaluations, TIP Readiness, First-Tier List
  - Feb. 7: Key MPO Meeting – Evaluation Results
  - Feb. 15: TIP Readiness Day
  - Feb. 21: Key MPO Meeting – First-Tier List

- **March:** Programming Discussions
  - Mar. 7 & 21: Programming scenario discussions

- **April and May:** Draft and Final TIP
TIP Resources

• **TIP Contacts:** List of contacts regarding TIP matters for each municipality in the Boston region. [http://ctps.org/tip-contacts](http://ctps.org/tip-contacts)

• **TIP Development:** Resources relating to TIP development, including key dates, proponent guides, and documents presented to the MPO. Updated as TIP development progresses. [http://ctps.org/tip-dev](http://ctps.org/tip-dev)


• **MassDOT Highway Project Development Tools:** Guides and tools for project development and design. [https://www.mass.gov/lists/massdot-highway-project-development-tools](https://www.mass.gov/lists/massdot-highway-project-development-tools)
MassDOT Updates

➢ Project Initiation
  • MaPIT
  • New Project Review Committee (PRC) Approval
    ✓ Consultant under contract for full design within 2 years

➢ Scope Development
  • Limit Scope Creep: Pre-25% Meeting
  • Potential resubmission to PRC

➢ Consultant and MassDOT Accountability
  • Keep consultants on-track
  • More involvement from MassDOT PMs in project development

➢ ROW = KEY
  • Approved 75% Plans by Spring before advertisement year
MassDOT Highway District Contacts

District 3 - Worcester
Ann Sullivan
Projects Engineer
ann.sullivan@state.ma.us
508-929-3868

District 4 - Arlington
Connie Raphael
Planning Coordinator
connie.raphael@state.ma.us
781-641-8468

District 5 - Taunton
Pamela Haznar
Project Development
pamela.haznar@state.ma.us
508-884-4254

District 6 - Boston
Geraldine Vatan
Project Development
Geraldine.vatan@state.ma.us
857-368-6115
Additional MassDOT Contacts

Highway Division
Pamela Marquis
Right of Way Compliance Administrator
pamela.marquis@state.ma.us
508-929-3793

Office of Transportation Planning
Cassandra Bligh
Transportation Program Manager
Safe Routes to School Program
cassandra.gascon@state.ma.us
857-368-8852
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