



# Understanding the TIP Process

November 15, 2022

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Boston Region Metropolitan Planning Organization



VIRTUAL

MEETING

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## **Kreyòl Ayisyen (Haitian Creole)**

Si yon moun vle genyen enfòmasyon sa yo nan yon lòt lang, tanpri kontakte Espesyalis Boston Region MPO Title VI la nan nimewo 857.702.3700.

## **Español (Spanish)**

Si necesita esta información en otro idioma, por favor contacte la Boston Region MPO al 857.702.3700.

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## **Tiếng Việt (Vietnamese)**

Nếu quý vị cần thông tin này bằng một ngôn ngữ khác, vui lòng liên lạc Boston Region MPO theo số 857.702.3700.

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1. **Introductions**
2. MPO basics
3. TIP funding
4. Project initiation and evaluation
5. Timeline and process
6. Policy updates
7. Resources
8. Discussion

# Today's Session

- Introductions
- Boston Region MPO basics
- MPO funding for projects (via LRTP and TIP)
- Project initiation and evaluation
- Timeline and process
- Policy updates
- Resources
- Discussion

*Technical difficulties? Call Logan Casey at 857.702.3706 or email [lcasy@ctps.org](mailto:lcasy@ctps.org).*

LRTP = Long-Range Transportation Plan. TIP = Transportation Improvement Program.



# Introductions

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# Introductions

## In the chat, please provide

- Name
- Role
- Municipality/Agency/Organization

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# MPO Staff Contacts

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# Boston Region MPO Basics

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# What is an MPO?

A federally required planning entity that engages governments (elected officials and various transportation agencies), residents, and other stakeholders in a **collaborative and transparent public process** to

## CREATE FRAMEWORK



### Long-Range Transportation Plan

20-year vision and goals for the transportation system and strategies for funding projects to meet the vision

## INVEST



### Transportation Improvement Program

Rolling, five-year capital investment plan, including the shorter-term investments that help realize the long-term vision

## STUDY & ANALYZE



### Unified Planning Work Program

Annual work program for how federal planning funds are allocated to studies and technical analyses to benefit the region



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# Who Serves on the Boston Region MPO board?

Massachusetts Department of Transportation (MassDOT)

Massachusetts Bay Transportation Authority (MBTA)

Massachusetts Port Authority (Massport)

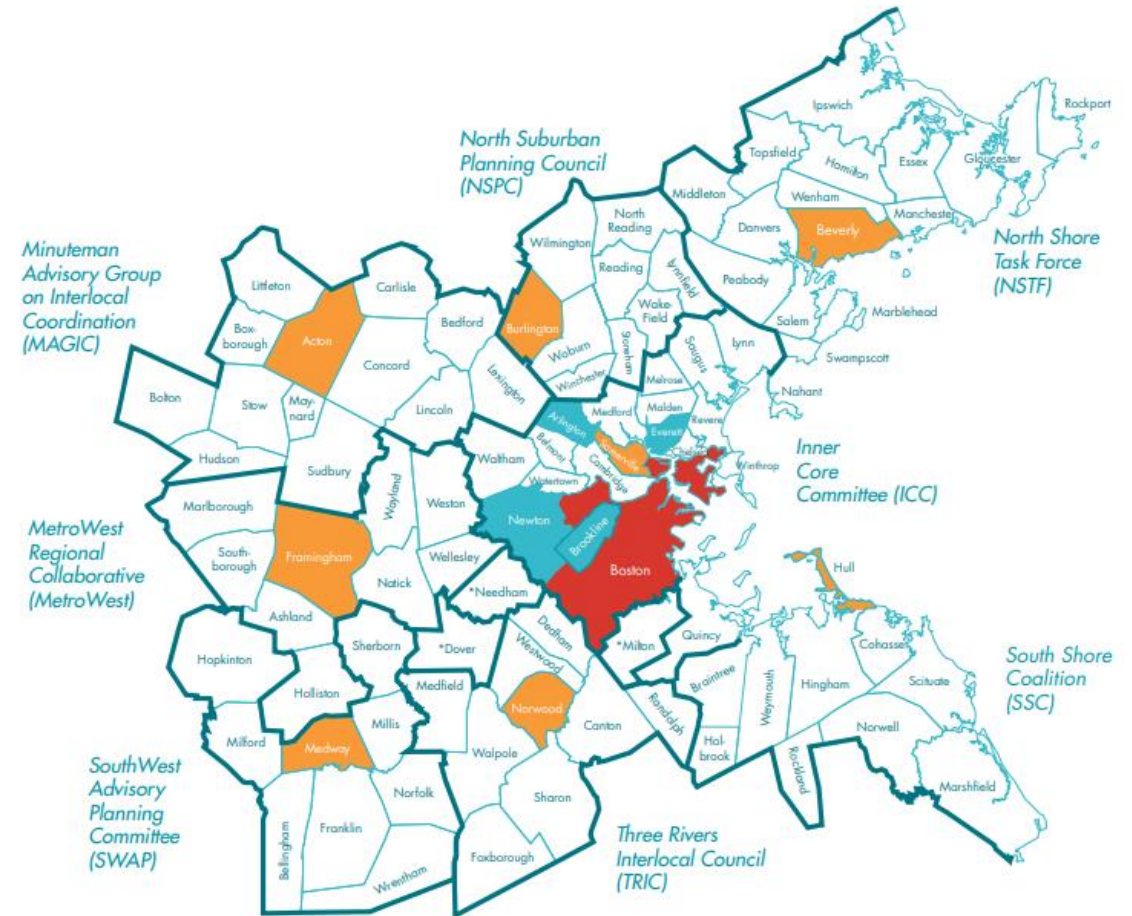
12 elected municipalities

2 for City of Boston

Regional Transportation Advisory Council

MBTA Advisory Board

Metropolitan Area Planning Council (MAPC)



\*Community is in more than one subregion: Dover is in TRIC and SWAP; Milton and Needham are in ICC and TRIC.

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# MPO Vision and Goals

## Function of Vision and Goals

Shape MPO investment programs and TIP project selection criteria

## MPO Vision

A modern well-maintained transportation system that supports a sustainable, healthy, livable, and economically vibrant region.

## MPO Goals



**SAFETY**



**SYSTEM  
PRESERVATION  
AND MODERNIZATION**



**CAPACITY  
MANAGEMENT  
AND MOBILITY**



**CLEAN AIR AND  
SUSTAINABLE  
COMMUNITIES**



**TRANSPORTATION  
EQUITY**



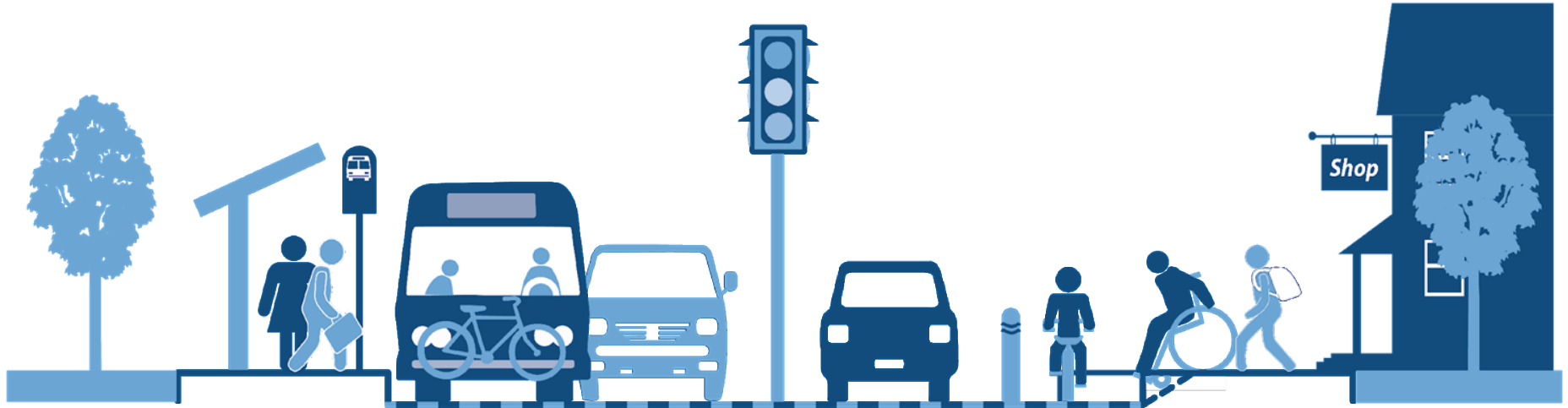
**ECONOMIC  
VITALITY**

Fall 2022

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# Multimodal Planning



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# TIP Funding

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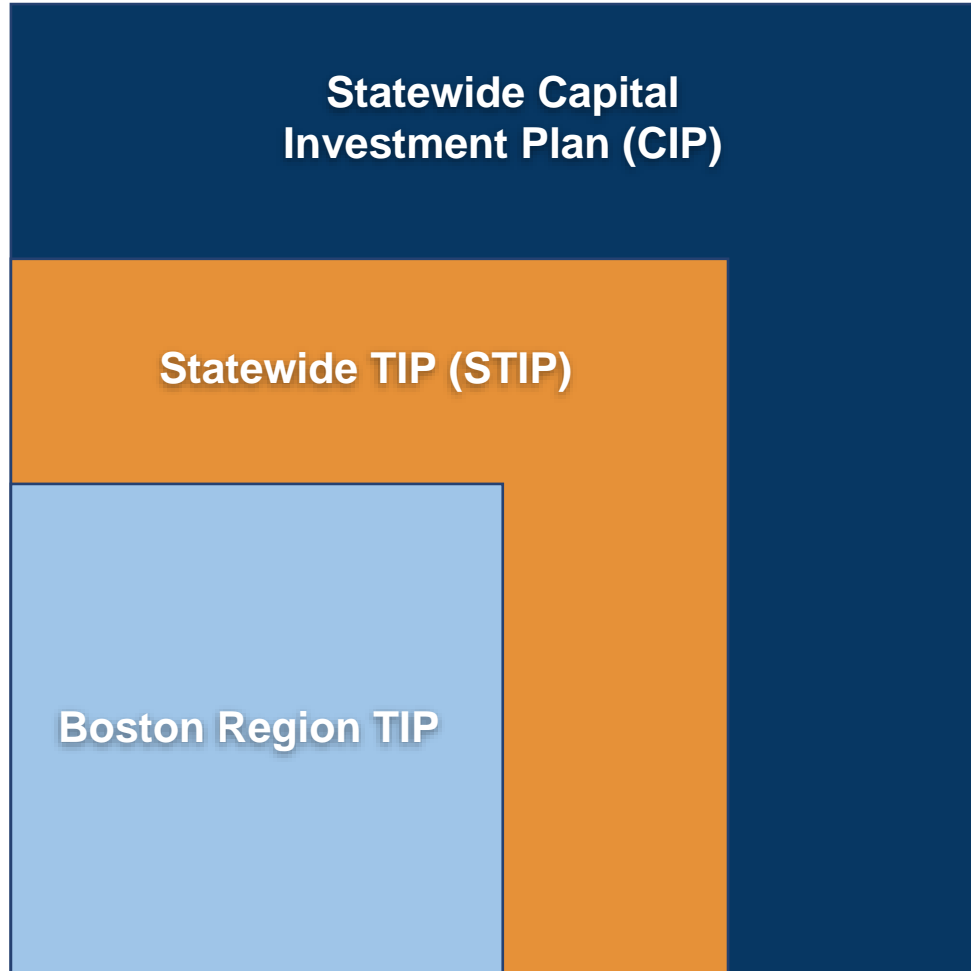
# Projects Included in the TIP

- Funded through the TIP
  - **MPO-prioritized projects based on MPO's goals and investment programs**
  - MassDOT-prioritized projects that are federally funded
  - Transit projects for MBTA, MetroWest Regional Transit Authority, and Cape Ann Transportation Authority that are federally funded
- Not funded through the TIP
  - State-funded projects
  - Locally funded projects



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# Transportation Funding in Massachusetts



- **Boston Region TIP** = All projects in region funded using federal highway and transit funds
- **Statewide TIP (STIP)** = Compilation of all TIPs from each of 13 Massachusetts MPOs
- **Statewide CIP** = All projects in Massachusetts funded using both federal AND state funds

Local funds, public/  
private grants, etc.



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# MPO Investment Programs



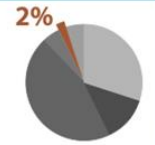
## COMPLETE STREETS

- Continuous sidewalks
- Cycle tracks
- Dedicated bus lanes



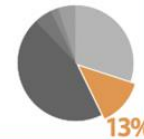
## COMMUNITY CONNECTIONS

- First- and last-mile connections
- Wayfinding



## INTERSECTION IMPROVEMENTS

- Modernized signals
- Shorter crosswalks



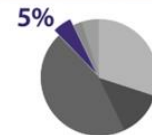
## TRANSIT MODERNIZATION

- Transit station improvements
- Climate resiliency



## BICYCLE NETWORK AND PEDESTRIAN CONNECTIONS

- Shared-use paths
- Bicycle facilities



## MAJOR INFRASTRUCTURE

- New transit lines
- Large-scale Complete Streets projects



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# L RTP and TIP Connection

Plan Feature	L RTP	TIP
Planning Horizon	20 federal fiscal years or more	Five federal fiscal years
Update Frequency	Every four years	Annually
Function	Establishes MPO investment programs and funding goals for 20-plus years	Identifies all federally funded transportation projects (MPO and other agencies) over five years
	Identifies major federal projects for the next 10 years (sets stage for TIP)	Content is shaped by L RTP framework
Project Types	Includes 1. Capacity-adding projects on interstates, expressways, freeways, and principal arterials  2. Transit fixed-guideway expansion projects	Includes all federally funded transportation project types

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# 2022–23 TIP and LRTP Activities

- This cycle, the MPO is developing a TIP and an LRTP

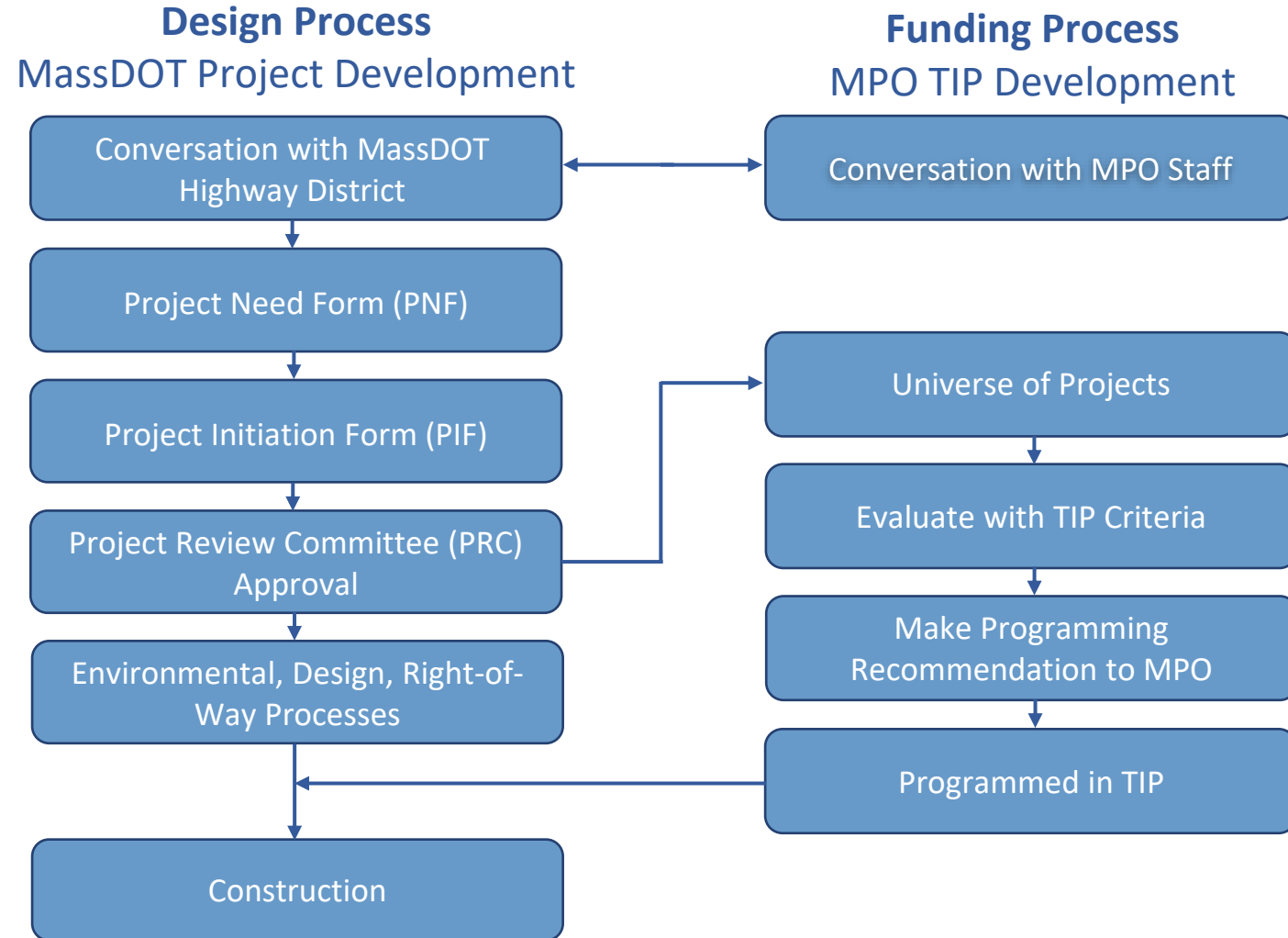


- **For the TIP:** Let MPO staff know what projects you hope to advertise for construction in next five years
  - Projects should be initiated/in early phases of design
- **For the LRTP:** Let staff know what major projects you hope to advertise for construction in the next 10 to 15 years
  - Projects may be more conceptual

# Project Initiation and Evaluation

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# Project Funding Process



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Fall 2022

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# Project Initiation Process

**massDOT** MaPIT - Massachusetts Project Intake Tool (4.9)

All Projects Initiate Workflow

Find address or place

Project Name	Date	Status
Quincy - Merrymount Parkway Phase II	2/18/2022	PS Rejected
✓ Chapter 90 - Southampton - East St. Conceptual Design for Reconstruction (Rt. 10 to bridge)	2/17/2022	Chapter 90 District2 Accepted
Chapter 90 - Hull - MS4 Storm Water Permit Services	2/17/2022	Chapter 90 District5 Rejected
Wendell Mormon Hollow Culvert	2/17/2022	PN Rejected
✓ Construction Phase Services, Complete Streets sidewalk Improvement	2/16/2022	Chapter 90 District3 Accepted
✓ Chapter 90 - Oxford - Sutton Avenue & Joe Jenny Road	2/11/2022	Chapter 90 District3 Accepted
✓ Chapter90-Weston-2.Myles Standish Road	2/11/2022	Chapter 90 District6 Accepted
✓ Chapter 90-Weston-Plymouth Road	2/11/2022	Chapter 90 District6 Accepted
✓ Chapter90-Weston-Bradford Road	2/11/2022	Chapter 90 District6 Accepted
✓ Chapter 90-Weston-Hancock Rd	2/11/2022	Chapter 90 District6 Accepted
✓ Chapter 90-Weston-Kings Grant Rd	2/9/2022	Chapter 90 District6 Accepted
Chapter 90 - 2022 Spring Paving	2/9/2022	Ready for Chapter 90 District3 Review
Chapter 90 - Sharon - 51 Inch Trackless Ribbon Blower	2/7/2022	Chapter 90 District5 Rejected

View Comments Changes

Dark Grey Canvas  
Imagery  
Imagery with Labels  
Light Gray Canvas  
MassGIS Orthos 2019  
MassGIS Orthos 2021  
MassGIS Streets  
National Geographic

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# TIP Project Evaluation Process

- Projects scored by MPO staff
- Criteria applied by project type
- Submit proponent questionnaire

					
<b>SAFETY</b>	<b>SYSTEM PRESERVATION AND MODERNIZATION</b>	<b>CAPACITY MANAGEMENT AND MOBILITY</b>	<b>CLEAN AIR AND SUSTAINABLE COMMUNITIES</b>	<b>TRANSPORTATION EQUITY</b>	<b>ECONOMIC VITALITY</b>
18 points	20 points	18 points	12 points	20 points	12 points
✓	✓	✓	✓	✓	✓

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# TIP Timeline and Process

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# TIP Timeline and Process

- **October:** Initial outreach and data collection
- **November:** Project universe and data collection
  - Project funding application launch
  - 11/17: MPO – Universe presentation
- **December:** Data collection and project evaluations
  - Deadline for submitting project information
- **January:** Project evaluations
  - January 22 – February 5: Project proponents review evaluation results

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# TIP Timeline and Process

- **February:** Readiness updates and presentation of evaluation results
  - February 9: MassDOT TIP readiness day (tentative)
  - Presentation of evaluation results to MPO
- **March:** Programming discussions
  - Project readiness updates
  - Discussion of new programming scenarios
- **Late April:** Draft TIP released for public comment
- **Late May:** MPO endorses final FFYs 2024–28 TIP



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# LRTP Activities

- **Fall 2022 – Winter 2023:** Identify and/or update investment programs and candidate projects
  - MPO staff will review past LRTP Universes and inquire about project updates
  - Let MPO staff know if you are planning major projects
  - Connections between TIP and LRTP projects will be shared during TIP Universe discussions
- **Spring 2023 – Summer 2023:** Allocate funds to investment programs and select projects
- **Summer 2023:** Adopt a final *Destination 2050* plan

# Policy Updates

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# Refresh: TIP Policy Changes to Address Project Cost Increases

## Proposed updates based on recent MPO committee decisions

- Requiring 25 percent design submission to be considered for MPO funding
- Will do preliminary project scoring any time
- New requirements for proponent check-ins with MPO staff and board
- New rescoring process with cost-effectiveness analysis for funded projects with cost increases



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# Update: TIP Policy Changes to Address Project Cost Increases

## Objectives of new policies

- Prevent cost increases before they happen
- Set more clear expectations for all stakeholders
- Create more reliable funding stream for prospective projects

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# Update: MPO's Community Connections Program

## Updates to first- and last-mile funding program

- Moving to collective procurement model in partnership with MAPC and MassDOT
- This year's funding round will support projects such as
  - Bike racks and bikeshare
  - Bus and bike lane paint
  - Transit signal priority
- Shuttle and microtransit projects encouraged in partnership with regional transit authorities

Application launch November 17th

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# Federal Transportation Funding Legislative Update

- As of November 15, 2021, Bipartisan Infrastructure Law (BIL) is in effect
  - Currently in year two of the BIL (FFY23)
  - As of August 12, 2022, BIL now complemented by Inflation Reduction Act
- Action item: Initiate your projects in the MassDOT process
  - Talk to MPO and MassDOT Highway District staff about your project
  - Fill out project need and initiation forms
  - Helps MPO and MassDOT to better understand local needs and allocate resources



# TIP Resources

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# MassDOT Highway District Contacts

## District 3

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508.884.4254

## District 6

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617.694.3082

MassDOT Highway District Finder





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# Helpful Links

## TIP Development Page

[www.bostonmpo.org/tip-dev](http://www.bostonmpo.org/tip-dev)

## LRTP Development Page

[www.bostonmpo.org/destination2050](http://www.bostonmpo.org/destination2050)

## MassDOT Project Development Page

[www.mass.gov/lists/massdot-highway-project-development-tools](http://www.mass.gov/lists/massdot-highway-project-development-tools)

## MassDOT Project Initiation Page

[www.mass.gov/info-details/massdot-highway-initiating-a-project](http://www.mass.gov/info-details/massdot-highway-initiating-a-project)

## MassDOT GeoDOT Account Application

[www.mass.gov/forms/request-a-geodot-account](http://www.mass.gov/forms/request-a-geodot-account)

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# Stay Engaged

- Sign up for the MPO's email list
- Follow @BostonRegionMPO on Twitter, Instagram, Facebook, LinkedIn
- Check out past meeting recordings on YouTube



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# Closing Thoughts

1. Initiate your project now
  - Take advantage of potential additional federal funding
2. Communication is key as project advances
  - Keep MPO staff informed
  - Talk regularly with MassDOT districts and PMs
3. Keep project on track
  - Delays can jeopardize funding
  - Cost overruns can jeopardize timeline
4. Advance project design early to allow for unforeseen delays
  - Projects may be eligible to access funding earlier

# Contact for Questions

Ethan Lapointe  
TIP Manager  
elapointe@ctps.org  
857.702.3703

# Discussion