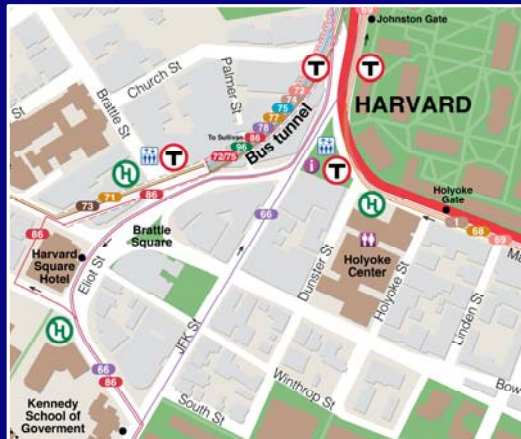




Understanding the TIP Process



Matt Genova

Transportation Improvement Program Manager

Boston Region Metropolitan Planning Organization

Agenda

- Introduction to the Metropolitan Planning Organization (MPO)
 - Transportation Improvement Program (TIP) Funding
 - Project Initiation and Evaluation
 - 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

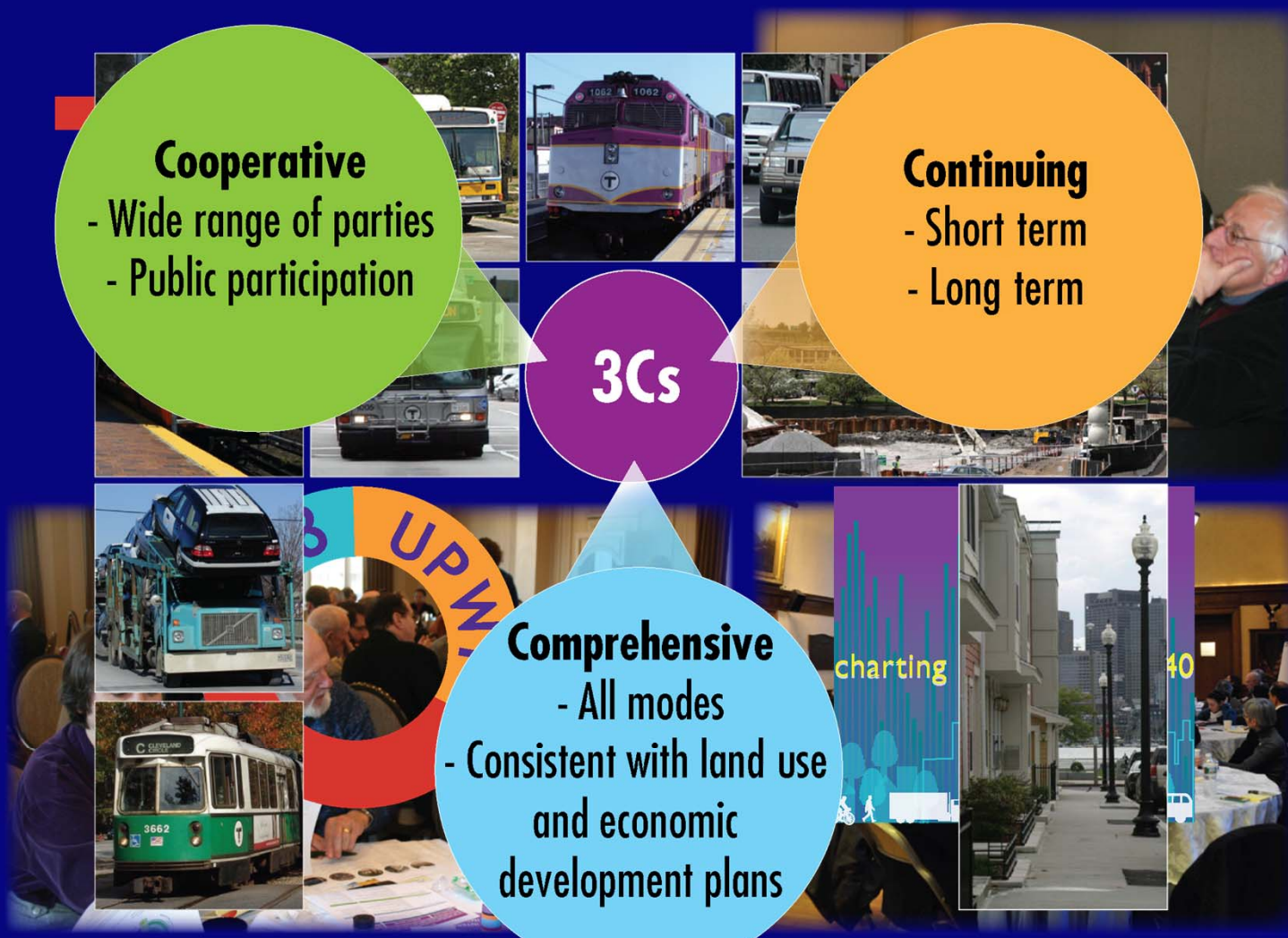
Continuing

- Short term
- Long term

3Cs

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 time frame
- 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 federal fiscal years

Unified Planning Work Program (UPWP)

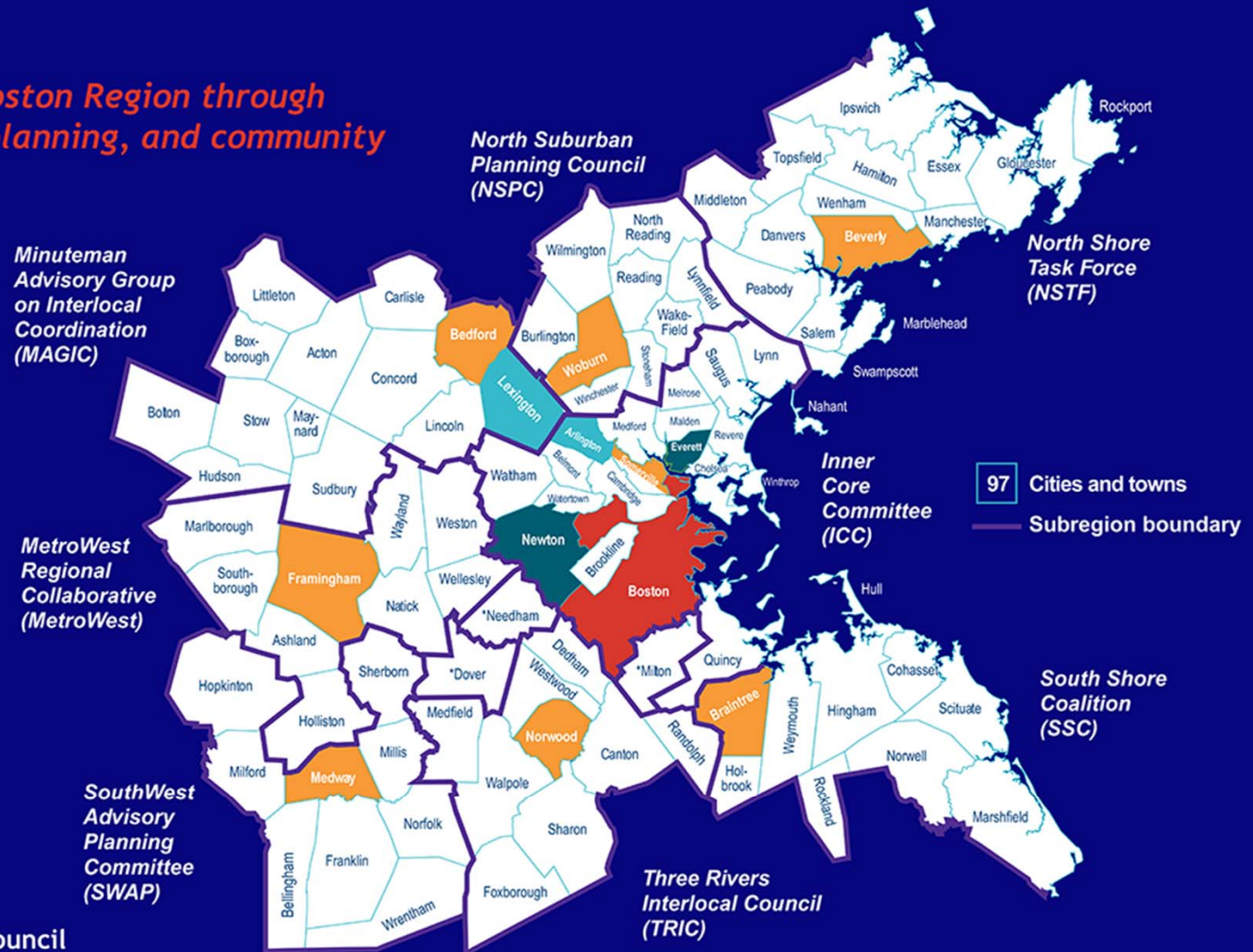
- Annual work program that includes planning activities that support LRTP vision and goals

Boston Region MPO Planning Area and Membership

Improving transportation in the Boston Region through technical analysis, collaborative planning, and community engagement.

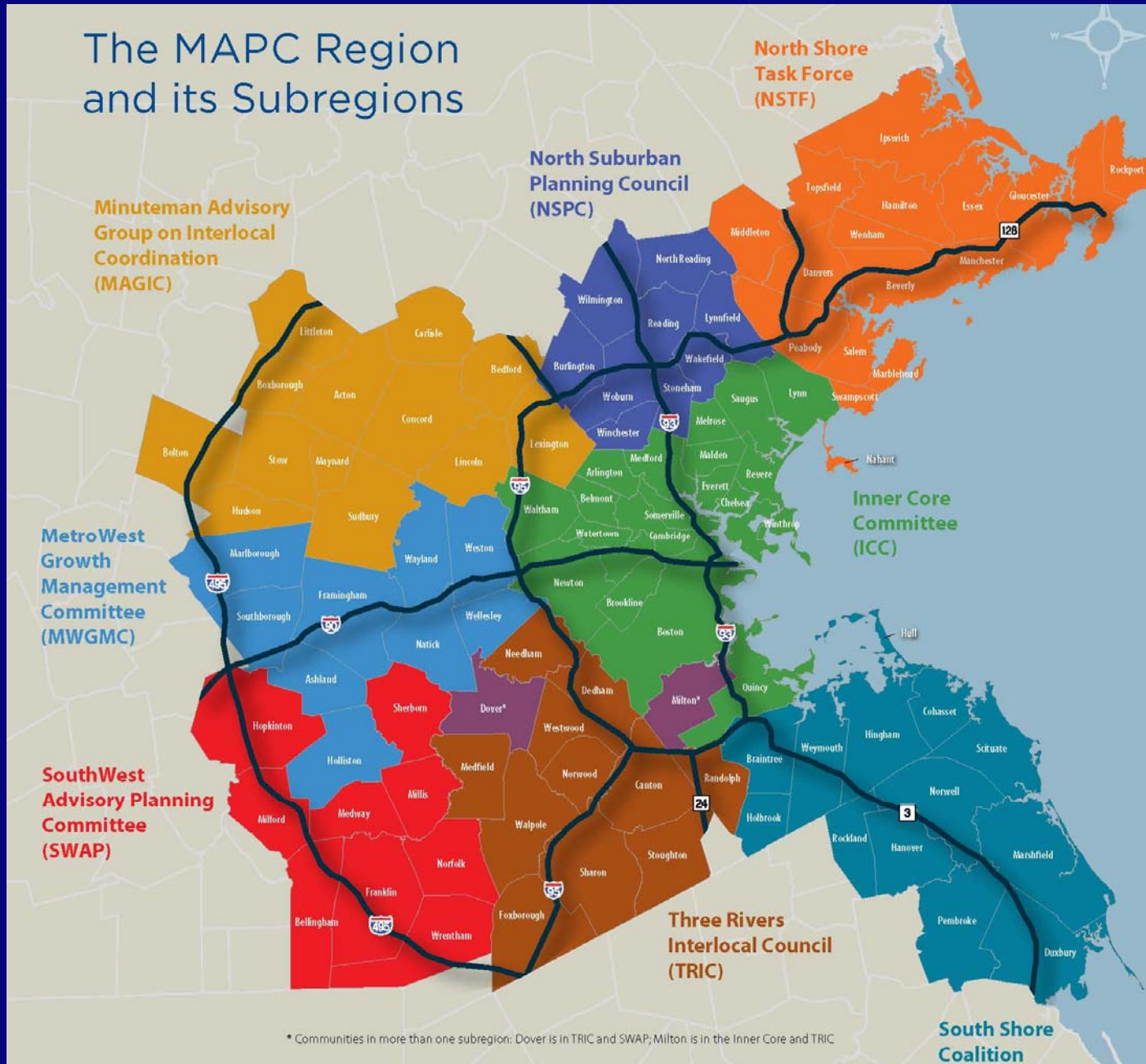
24 Members

- 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 (MassDOT) (3 seats)
 - Massachusetts Bay Transportation Authority (MBTA)
 - 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

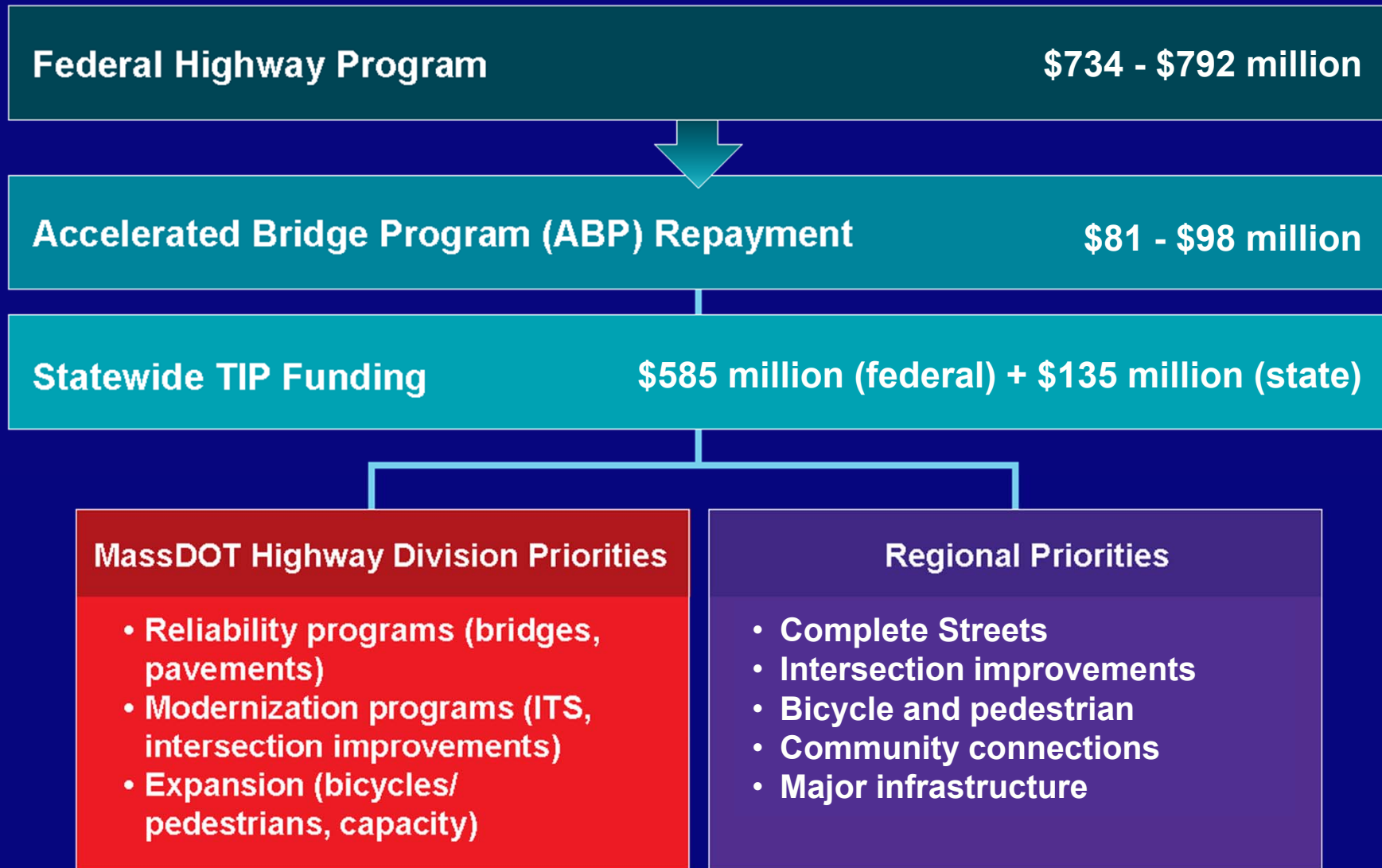


*Community is in more than one subregion: Dover is in TRIC and SWAP; Milton and Needham are in ICC and TRIC.

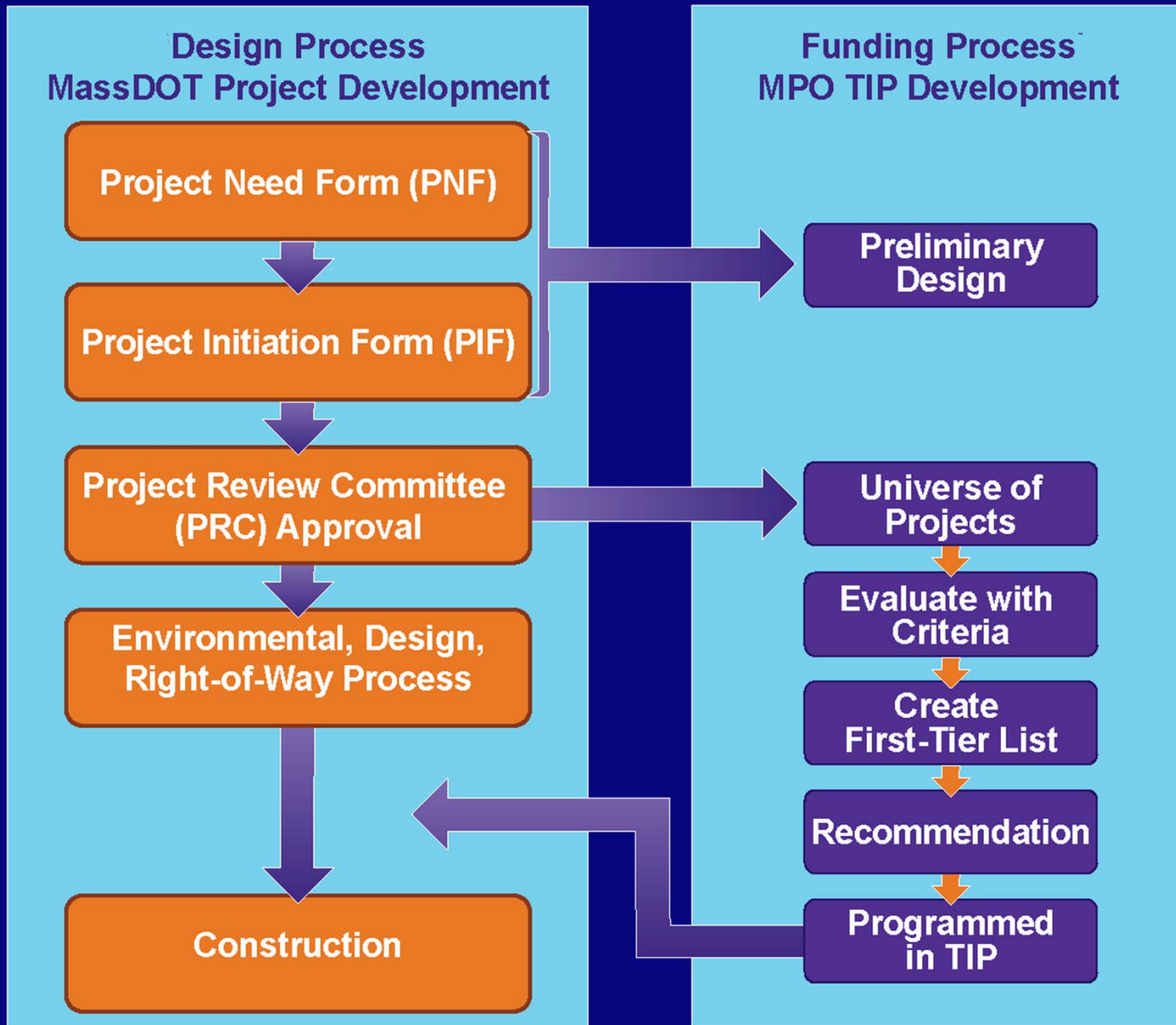
MAPC Subregions



TIP Funding Sources



TIP Funding Process



Project Initiation Process

massDOT Massachusetts Department of Transportation
MaPIT – Massachusetts Project Intake Tool (2.5)

All Projects ↻ 🔍 Initiate Workflow

Projects Table of Content

Project Name	Date	Status
aaa	8/21/2019	Ready for PIF Review
Woodward School Sidewalks	12/27/2018	Ready for SRTS Review
Weymouth - Drainage Improvement on Bridge Street (Rte 3A)	9/9/2019	PNF Accepted
West Main Street/Old Craigville Road/Straightway pedestrian improvements	1/10/2019	Ready for SRTS Review
Wareham - Route 6 and Swifts Beach Road	8/26/2019	PIF Accepted
Traffic and Safety Improvements at Southampton Road Elementary School	1/4/2019	Ready for SRTS Review
Tisbury School	1/10/2019	Ready for SRTS Review
Thacher Street, Rathburn Willard Drive, Black Oak Drive Intersection Improvements	2/23/2019	PNF Rejected
Test EDRG Example	3/6/2018	PNF Rejected
Swampscott Safe Routes to School 2019	1/4/2019	Ready for SRTS Review
Sunderland Elementary School Safe Routes to School Project	1/10/2019	Ready for SRTS Review
Summer Avenue		

Edit Delete Export Comments Changes

Esri World Geocoder

MANCHESTER HAMPTON
 NASHUA HAVERTHILL NEWBRYPORT
 LOWELL DISTRICT 4 IPSWICH GLOUCESTER
 GARDNER LEOMINSTER PEABODY SALEM
 DISTRICT 2 MASSACHUSETTS DISTRICT 3 CAMBRIDGE BOSTON MASSACHUSETTS BAY
 WORCESTER DISTRICT 6 BROCKTON
 WOONSOCKET DISTRICT 5 PLYMOUTH
 PROVIDENCE TAUNTON
 WILLIMANTIC PLAINFIELD RHODE ISLAND FALL RIVER NEW BEDFORD
 NORWICH BARNSTABLE
 FALMOUTH
 NANTUCKET SOUND
 Esri, HERE, NPS | Esri, HERE, NPS

TIP Evaluation Criteria

GOALS	CRITERIA	Project Rating	
Safety	<ul style="list-style-type: none"> • Crash Severity Value: EPDO index • Crash Rate: intersection or corridor • Improves truck-related safety issue • Improves bicycle safety • Improves pedestrian safety • Improves safety or removes an at-grade railroad crossing 		30
System Preservation and Modernization	<ul style="list-style-type: none"> • Improves substandard roadway bridge(s) • Improves substandard pavement • Improves substandard traffic signal equipment • Improves transit asset(s) • Improves substandard sidewalk(s) • Improves emergency response • Improves ability to respond to extreme conditions 		29
Capacity Management/ Mobility	<ul style="list-style-type: none"> • Reduces transit vehicle delay • Improves pedestrian network and ADA accessibility • Improves bicycle network • Improves intermodal accommodations/connections to transit • Improves truck movement • Reduces vehicle congestion 		29
Clean Air/ Sustainable Communities	<ul style="list-style-type: none"> • Reduces CO₂ • Reduces other transportation-related emissions • Addresses environmental impacts • Is in an EOEEA-certified "Green Community" 		16
Transportation Equity	<ul style="list-style-type: none"> • Serves Title VI/non-discrimination populations 		12
Economic Vitality	<ul style="list-style-type: none"> • Serves targeted development site • Consistent with the compact growth strategies of MetroFuture • Provides multimodal access to an activity center • Leverages other investments (non-TIP funding) 		18

TIP Development Timeline

- **October:** Initial outreach to TIP contacts
- **November:** Draft Universe and data collection
 - *Nov. 21:* Key MPO Meeting–Draft Universe
- **December:** Data collection and project evaluations
 - *Dec. 4:* Deadline for submitting data for project evaluations
 - *Dec. 19:* Project Review Committee meeting
- **January:** Project evaluations
 - *Jan. 17 – Feb. 7:* Project proponents review initial evaluation results

TIP Development Timeline

- **February:** Evaluations, TIP Readiness, First-Tier List
 - *February 6:* Key MPO Meeting–Evaluation Results
 - *February 12:* TIP Readiness Day
 - *February 20:* Key MPO Meeting–First-Tier List
- **March:** Programming discussions
 - *Mar. 5 and Mar. 19:* Programming scenario discussions
- **Late April:** Draft TIP for public review and comment
- **Late May:** MPO endorses final TIP

TIP Resources

- **TIP Contacts:** List of contacts regarding TIP matters for each municipality in the Boston region.
<http://ctps.org/tip-contacts>
- **TIP Evaluation Criteria:** Scoring system used by the MPO to evaluate projects and help inform transportation investment decisions.
<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>

MassDOT Highway District Contacts

District 3 - Worcester

Ann Sullivan

Projects Engineer

ann.sullivan@state.ma.us

508-929-3868

District 5 - Taunton

Pamela Haznar

Project Development

pamela.haznar@state.ma.us

508-884-4254

District 4 - Arlington

Connie Raphael

Planning Coordinator

connie.raaphael@state.ma.us

781-641-8468

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 Gascon

Transportation Program Manager

Safe Routes to School Program

cassandra.gascon@state.ma.us

857-368-8852



Contact for Questions:

Matt Genova
TIP Manager
857-702-3702
mgenova@ctps.org