

# Municipal Grant Programs

Update to MassDOT Board

November 18, 2021



# Overview

- Briefing on MassDOT municipal grant programs:
  - Complete Streets Funding Program
  - Shared Streets and Spaces Program
  - Municipal Small Bridge Program
  - Chapter 90 Program
  - Municipal Pavement Program
  - Local Bottleneck Reduction Program
  - Community Transit Program

# Complete Streets Funding Program

- Encourages communities to incorporate Complete Streets principles into regular local planning and design practices
- Provides technical assistance and project funding to incentivize permanent change
- Since 2016, the program has awarded 394 grants totaling \$68.85M

**Complete Streets Grant Summary**

Grant Type	Total Grants	Total Award
Tier 2: Technical Assistance	204	\$7.8M
Tier 3: Construction Project	190	\$61.05M
<b>Total</b>	<b>394</b>	<b>\$68.85M</b>

## Tier 1

Attend Training & Pass Complete Streets Policy or Letter of Intent to Pass a Policy

## Tier 2

Develop a 5-year Complete Streets Prioritization Plan

## Tier 3

Apply for Construction Funding

# Complete Streets Funding Program

270

Registered Municipalities

239

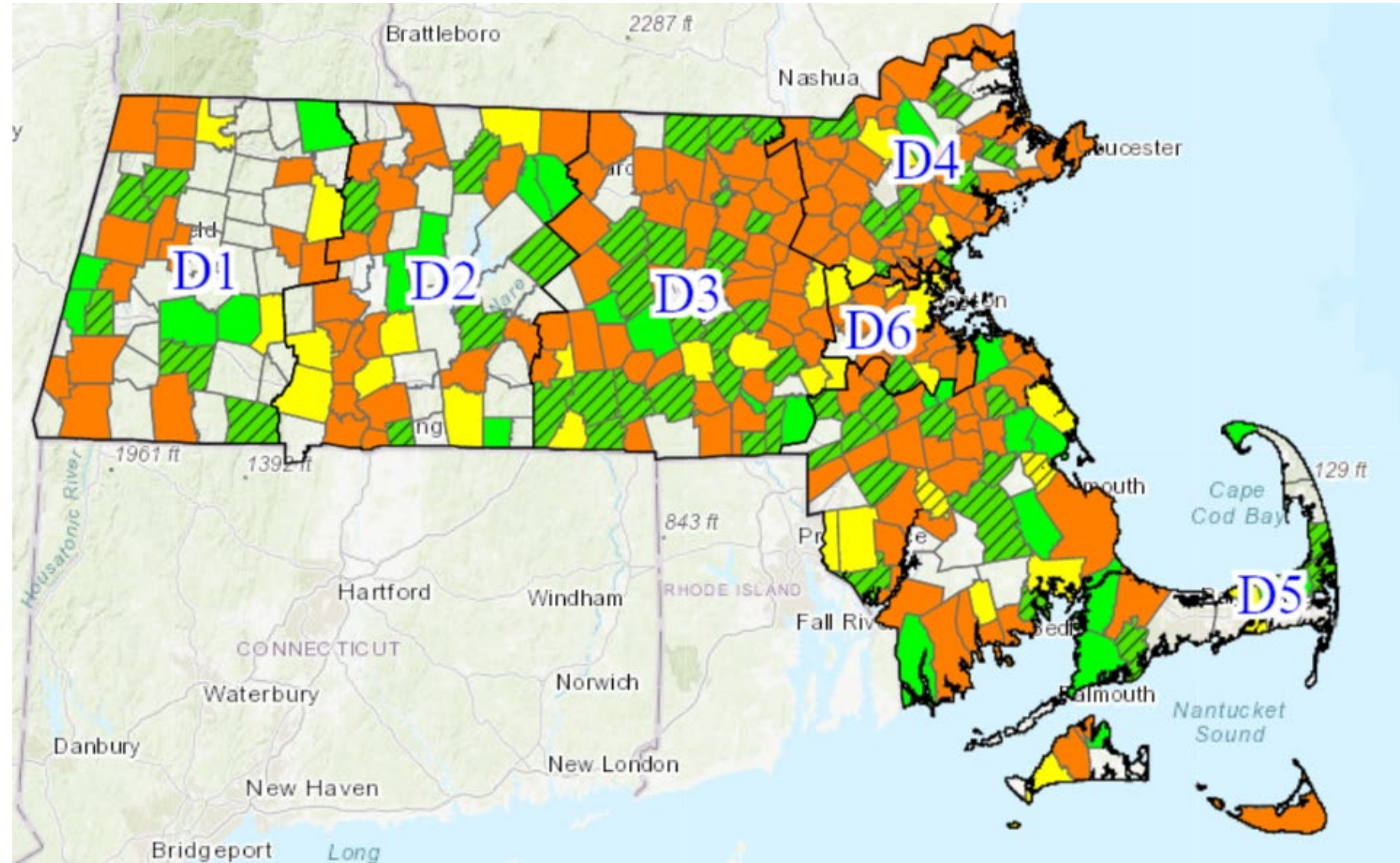
Municipal Policies

212

Project Prioritization Plans

190

Project Grants



# Complete Streets Funding Program

- Participation continues to grow with both new partners and advancement through the program tiers
  - 77% of municipalities are involved in some level of the program
- Municipalities are seeing the significant role that Complete Streets have in a growing and thriving community



Before



After



# Complete Streets Funding Program

- FY 2022 CIP provided \$10M for program
  - First round of FY 2022 Tier 3 grants were announced in July
    - \$6.05M through 18 awards
  - Application review for second round of FY 2022 Tier 3 grants is currently underway
- Program will continue to seek stronger participation from the rural communities of Western and Southeastern Massachusetts
  - Conduct targeted outreach and host rural-focused trainings
- Ensure all eligible communities receive a Tier 3 grant

## Important Program Deadlines

Funding Round	Tier 1: Local Policy	Tier 2: Prioritization Plan	Tier 3: Project Funding
FY22 Round 2	Rolling	September 1, 2021	October 1, 2021
FY23 Round 1	Rolling	April 1, 2022	May 1, 2022

# Shared Streets and Spaces Program

- Grant program focused on quick-build projects that support public health, safe mobility, and renewed commerce in municipalities
  - Started in June of 2020 as a response to COVID-19
  - Eligible projects include permanent or pilot sidewalks, paths, bicycle facilities, outdoor dining, traffic calming, and transit improvements



# Shared Streets and Spaces Program

- Program framework allowed many communities to easily rethink their transportation networks and implement unique improvements
  - Consider seemingly unfeasible ideas
  - Zero barriers to application helped drive participation
- Program has been incredibly successful, exhausting all allocated funds
  - FY 2022 CIP included \$4M, which was utilized during the latest grant round

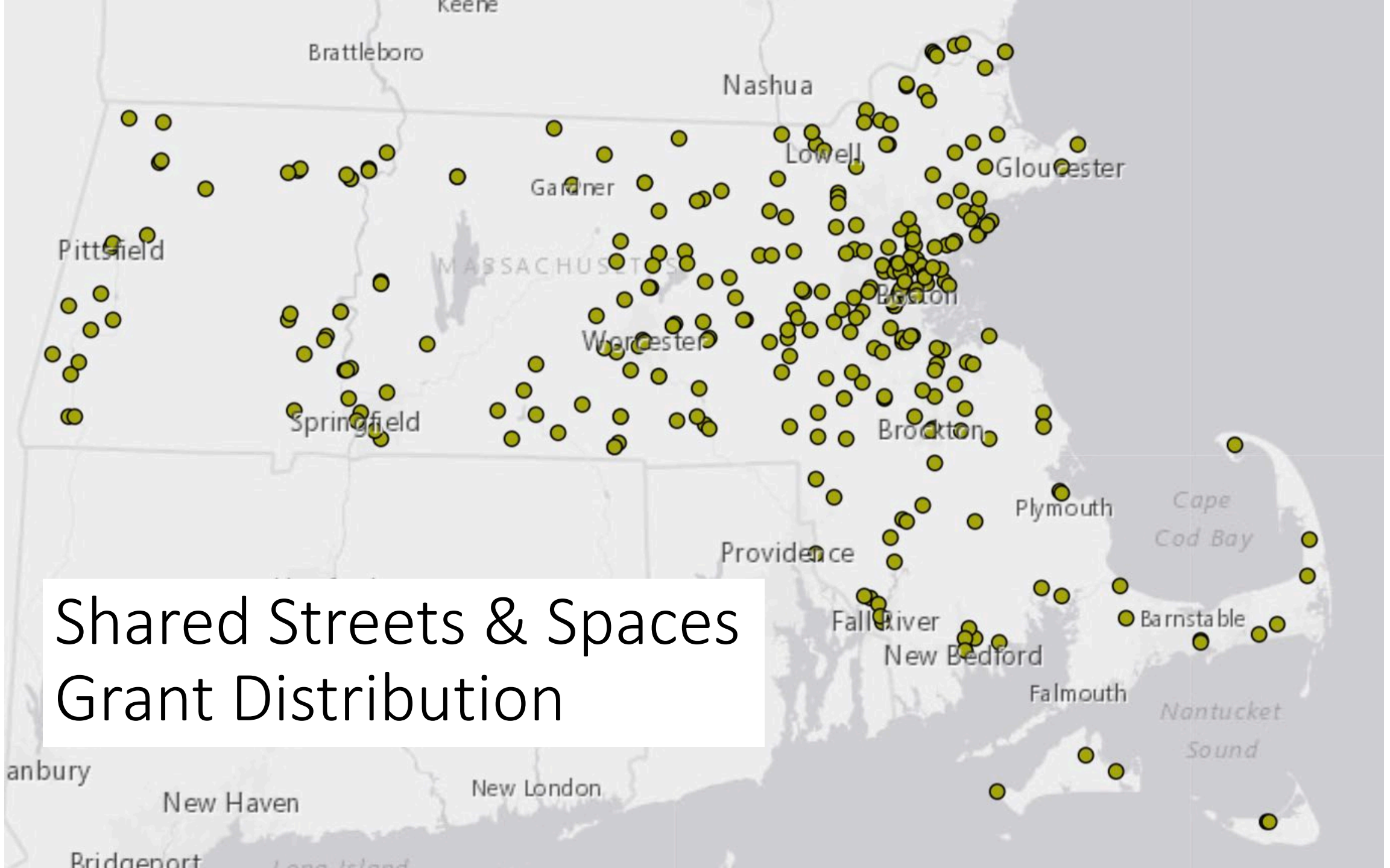
**Shared Streets & Spaces Grant Summary**

Round	Total Grants	Total Award
Summer 2020	123	\$10.3M
Winter 2020/21	109	\$16.2M
Spring 2021	78	\$6.5M
<b>Total</b>	<b>310</b>	<b>\$33M</b>



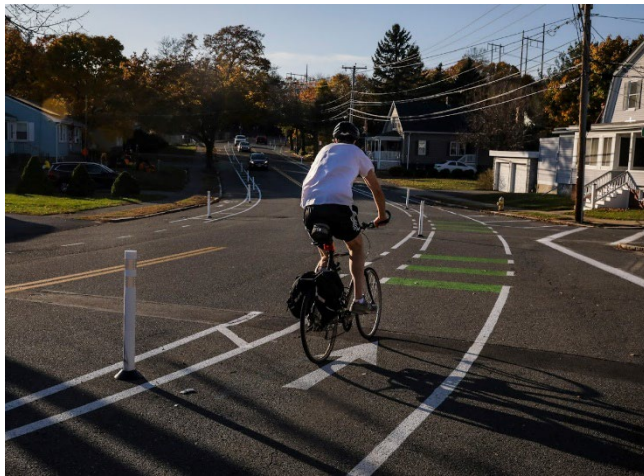


# Shared Streets & Spaces Grant Distribution



# Shared Streets and Spaces Program

- Due to program success, additional funding was sought in order to continue supporting municipalities this fiscal year
  - \$5M from the CIP's Bicycle and Pedestrian Modal Implementation Program and new Transit Infrastructure Partnership
- New grant round will open in January with a focus on Speed Management
  - Targeted interventions to encourage safe vehicle speeds



# Municipal Small Bridge Program

- Provides cities and towns with financial support for small bridge replacement, preservation, and rehabilitation projects
  - Each municipality qualifies for up to \$500,000 annually for eligible “BRI” bridges
- The program used its original \$50M authorization in five years with 117 awards
  - Final round of grants were awarded in August 2020
  - Expected completion of most bridge projects in 2022

**Small Bridge Program Grant Summary**

Round	Total Grants	Total Award
1	33	\$16.5M
2	11	\$4.8M
3/4/5	41	\$19.6
6/7	27	\$6.45M
Emergency	5	\$2.5M
<b>Total</b>	<b>117</b>	<b>\$49.9M</b>



# Municipal Small Bridge Program

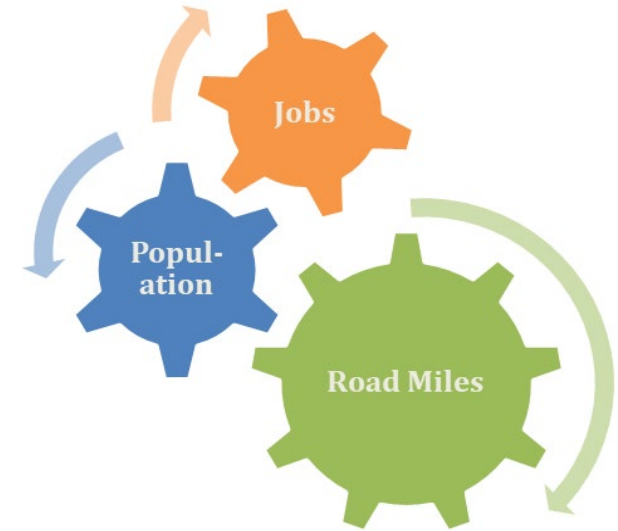
- TBB reauthorized program for \$70M
  - Will reduce the amount of municipal BRI bridges in poor condition from 15% to less than 10% over the next five years
- FY 2022 CIP included \$10M for program
  - Planning to re-launch program in the next month with a new option for MassDOT design support
  - Smaller communities have expressed interest in increased MassDOT role in projects
  - Opportunity to improve number of completed projects over next five-years





# Chapter 90 Program

- Chapter 90 entitles cities and towns to reimbursements on transportation projects
  - Formula-based apportionments determined by lane miles, population, and employment
- Eligible project costs include:
  - Highway construction, preservation and improvement projects
  - Pedestrian and bicycle facilities
  - Road building machinery and equipment
  - Consultant services for transportation planning



**Chapter 90 Apportionments and Spending**

Fiscal Year	Apportionment	Spend
FY19	\$240M	\$211.4M
FY20	\$220M	\$213M
FY21	\$200M	\$210M
FY22	\$200M	--

# Chapter 90 Program

- New Guidance Document released in August
  - Provides better service to our municipalities with both new and clarified information
    - Centralized and easy-to-read
  - Supports local decision-making and investment planning with new tools:
    - Planning Toolkit
    - Quick-Start Guide
- Website overhaul reorganized all new content
- Significant outreach conducted and more planned

## Chapter 90 Program

Authorized through Massachusetts General Laws, Chapter 90B, Section 34, the Chapter 90 Program provides funding for the implementation of transportation projects.

The purpose of the Chapter 90 Program is to provide a source for improvements to and investment in the Commonwealth's transportation infrastructure. The Commonwealth is allocated a portion of the federal transportation dollars, which allows municipalities to evaluate the transportation needs of their communities and allocate funding dollars accordingly.

## Chapter 90 Program

### Municipal Guidance Document

August 2021

### Chapter 90 Planning Toolkit

#### Instructions for Use

The Chapter 90 Planning Toolkit is an Excel spreadsheet that includes a collection of tabs that can be used to help plan projects funded through the Chapter 90 Program. More detailed guidance and information can be found on the Chapter 90 webpage: [www.mass.gov/chapter-90-program](http://www.mass.gov/chapter-90-program).

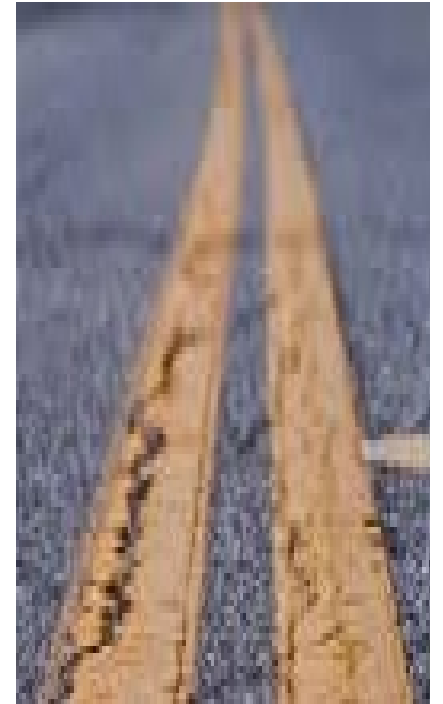
Document Contents & Description	
Chapter 90 Planning Checklist	A basic list of steps that can be taken on an annual basis to prepare for Chapter 90 funding decisions.
Asset Condition List	A template that can be used to list all assets that may require maintenance as well as track year installed/built, most recent inspection date, and conditions.
Bridge Inventory List	A template that can be used to list all bridges and summarize key data from inspection Reports to identify urgent needs.
Infrastructure Budget	A basic budget template to compile anticipated revenue from various funding sources, as well as anticipated uses of funds, for a given fiscal year.
Project Planning	A long-term planning tool that lists all potential projects and forecasts their costs into the future, projecting Chapter 90 allocations/carry-overs.
Unweighted Prioritization Matrix	A tool to prioritize or rank potential projects using criteria set by the user, where projects are scored evenly based on all the criteria.
Weighted Prioritization Matrix	A tool to prioritize or rank potential projects, allowing the user to input percent-weights to each category and rank accordingly.

#### How to Use this Document

The intent of the Chapter 90 Planning Toolkit is to provide municipalities with a basic resource for planning. The Planning Toolkit may be used as a guide for planning as deemed appropriate by the municipality. It should be noted that altering the format Excel document from its template form may undermine any preset formulas and conditions of the cells, thereby potentially resulting in mathematical errors. Municipalities should verify that all work is accurate. The Planning Toolkit does not replace any required local, state, or federal planning methods or approvals. This tool requires a fundamental understanding of Excel.

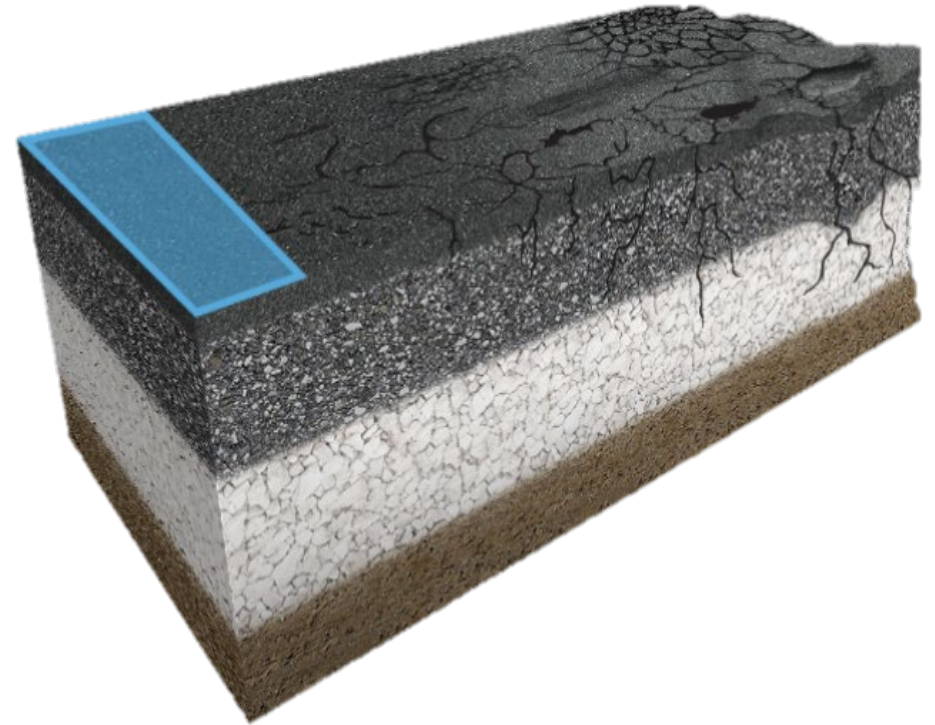
# Municipal Pavement Program

- New program was authorized for \$100M in the TBB over five years
  - Additional \$25M authorized on July 16, 2021
- Seeks to improve the condition of municipally-owned state numbered routes
  - Projects include resurfacing, mill and overlay, and similar improvements
- MassDOT selects segments for improvement based on state route inventory and pavement condition data
  - Not a competitive application program
- Projects are implemented in coordination with municipality through an existing MassDOT pavement contractor
  - Allows for efficiency and cost savings



# Municipal Pavement Program

- FY 2022 CIP funds program at \$15M
  - 15 segments covering over 100 lane miles in Districts 1 – 3 have been selected for FY 2022
  - Project development currently underway for spring 2022 implementation
  - Completion of these projects will provide a 6% reduction to the municipal State Route pavement backlog
- FY 2023 will focus on Districts 4 – 6
  - Segments are likely to be in more urban areas and will require additional consideration for active transportation elements





# Local Bottleneck Reduction Program

- New program was authorized for \$25M in the TBB over five years
  - An additional \$25M was authorized on July 16, 2021
- The FY 2022 CIP provides \$2.5M for program
  - Future years will program additional funds as available
- Funds innovative solutions to address local congestion bottlenecks at signalized intersections to improve traffic
  - FY 2022 projects include signal retiming, Transit Signal Priority equipment, vehicle detection, wireless coordination and similar improvements
  - Larger projects will be made eligible as funding availability increases

# Local Bottleneck Reduction Program

- Selection is based primarily on intersection/corridor congestion and delay metrics
  - Consideration also provided for EJ Communities, SRTS, transit connections, and impact to state highway network
- Project planning and implementation is conducted by a MassDOT consultant/contractor in coordination with municipality
  - Supports communities while also allowing for efficiencies and cost savings
- Program officially launched in October 2021
  - Applications are due November 15th on MaPIT



# Community Transit Grant Program (CTGP)

CTGP awards funding for the purchase of vehicles, mobility management activities, and operating costs to help meet the mobility needs of older adults and people with disabilities. The annual competitive program overseen by the Rail and Transit Division distributes FTA Section 5310: Enhanced Mobility of Seniors & Individuals with Disabilities funds and State Mobility Assistance Program (MAP) funds.

## SFY21 Awards

- Total amount awarded: \$10,222,982
- Capital awards – 112 vehicles awarded totaling \$7,478,932
  - Vehicle delivery is estimated to be completed by Fall '21, manufacturer delays occurred as a result of COVID-19; as of 7/16/21, 31 vehicles were scheduled to be delivered and 53 were accepted to be delivered to subrecipients

## SFY22 Requests

- The SFY22 applications for CTGP closed on 6/25/21; awards decisions pending
- Total amount requested: \$10,863,787
- Capital requests – 137 vehicles requested totaling \$9,321,529