

Municipal Funding Programs

Update to Board

May 18, 2022



Overview

- Municipal Grant Programs Summary
- Updates on the following municipal funding programs:
 - Chapter 90 Program
 - Complete Streets Funding Program
 - Local Bottleneck Reduction Program
 - Municipal Pavement Program
 - Municipal Small Bridge Program
 - Shared Streets and Spaces Program
 - New Winter Recovery Assistance Program
- New Municipal Tool: SARPET

Municipal Grant Program Summary

- Total investment during Baker Administration across Highway Division's grant programs:
 - Complete Streets: \$77.4M
 - Local Bottleneck: \$2.5M
 - Municipal Pavement: \$15M
 - Municipal Small Bridge: \$50M
 - Shared Streets and Spaces: \$33M
- In addition to \$1.56B in Chapter 90 funding
- More than just funding
 - New trainings and resources give communities fresh ideas and empower smart decision making
 - Direct connections to consultant support makes project advancement easier than ever for municipal staff
 - Strengthening relationships between MassDOT and local leaders

\$178M provided to municipalities since 2016 for **886** local transportation projects.

Chapter 90 Program

- Entitles cities and towns to reimbursements on transportation projects
 - Formula distribution determined by lane miles, population, and employment
- New Guidance Document and Planning Toolkit continues to be successful among communities seeking to take advantage of funding
- Transition to from paper Project Requests to MaPIT submittals well received

Chapter 90 Apportionments and Spending

Fiscal Year	Apportionment	Spend
FY19	\$240M	\$211.4M
FY20	\$220M	\$213M
FY21	\$200M	\$210M
FY22	\$200M	\$117M
FY23	\$200M	--

Complete Streets Funding Program

- Encourages communities to incorporate Complete Streets principles into regular local planning and design practices
- Provides trainings, and planning and project funding to incentivize permanent change
- 280 (80%) municipalities are now involved in some level of the program
- Fiscal Year 2023 - 27 CIP proposes funding increase from \$10M per year to \$15M
- Fiscal Year 2023 Round 1 applications are currently under review, announced in July

Complete Streets Grant Summary

Grant Type	Total Grants	Total Award
Tier 2: Technical Assistance	212	\$7.89M
Tier 3: Construction Project	214	\$69.47M
Total	426	\$77.36M

Important Program Deadlines

Funding Round	Tier 1: Local Policy	Tier 2: Prioritization Plan	Tier 3: Project Funding
FY23 Round 2	Rolling	September 1, 2022	October 1, 2022
FY24 Round 1	Rolling	April 1, 2023	May 1, 2023

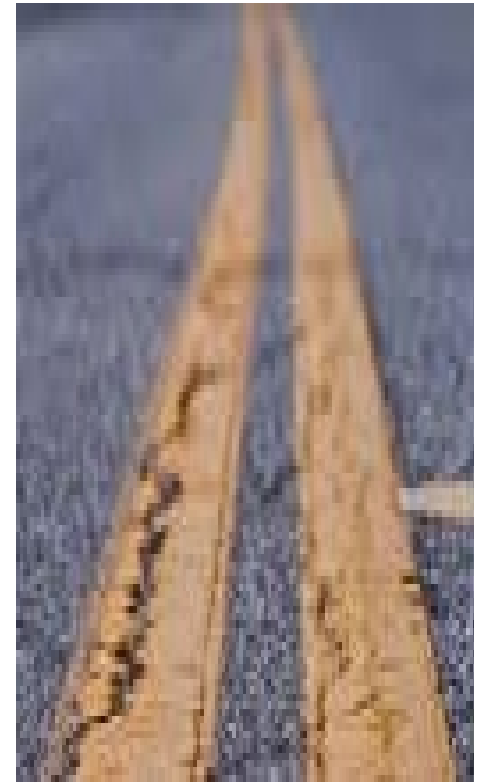
Local Bottleneck Reduction Program

- Funds innovative solutions to address local congestion bottlenecks to improve traffic and safety
- New program launched this fiscal year
 - Fiscal Year 2022 round funded 18 projects totaling about \$2.5M for signal improvements, projects underway
- Fiscal Year 2023 - 27 CIP proposes ramped funding
 - \$5M for Fiscal Year 2023
- Fiscal Year 2023 grant round launched May 9th
 - Includes larger project types such as intersection reconstruction
 - Project design is conducted at no cost to community by a MassDOT-led consultant
 - Awards expected to be made in early Fall



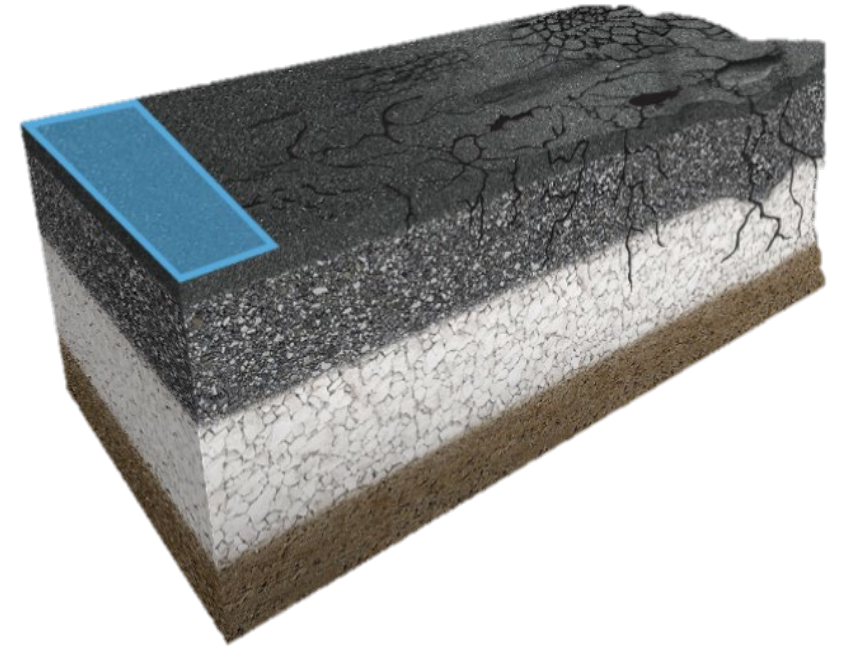
Municipal Pavement Program

- Seeks to improve the condition of municipally-owned state numbered routes
 - Projects include resurfacing, mill and overlay, and similar
 - Includes improvements to multimodal accommodations when feasible
- MassDOT selects segments for improvement based on state route inventory and pavement condition data
 - Not a competitive application program
- Projects are designed and implemented in coordination with municipality through MassDOT contractors



Municipal Pavement Program

- New program launched this fiscal year
 - Fiscal Year 2022 awarded 15 segments covering over 100 lane miles
 - Focused on Districts 1 - 3
- CIP provides \$25M per year for program
- Fiscal Year 2023 segments to be selected and announced in May or June
 - Focused on Districts 4 – 6
- Program has been incredibly well received by awarded communities



Municipal Small Bridge Program

- Financial support for small bridge replacement, preservation, and rehabilitation projects
- Program relaunched this year with new operation
 - Phase 1 Design Grants: up to \$100K
 - Awardees connected directly to MassDOT-led designer
 - Phase 2 Construction Grants: up to \$500K
- Fiscal Year 2023-27 CIP proposes funding increase from \$10M per year to \$15M
- Fiscal Year 2023 applications currently under review
 - Large funding request received with 87 applications
- Next funding round begins in Winter 2023

Small Bridge Program Grant Summary

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

Shared Streets and Spaces Program

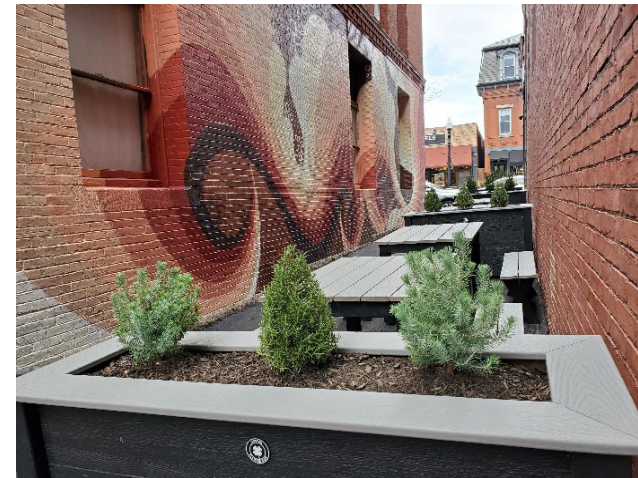
- Grant program focused on quick-build projects that support public health, safe mobility, and renewed commerce in municipalities
- Launched in June of 2020, program continues to be successful
- Shifting from emergency response to permanent funding opportunity
 - Keeping barriers to application low for communities
 - New legal agreements, consistent guidelines, reimbursement-based payments

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
Total	310	\$33M

Shared Streets and Spaces Program

- Fiscal Year 2023 – 27 CIP provides \$4M per year
 - \$5M in Transit Supportive Infrastructure funding may also be used
- Fiscal Year 2023 grants expected to be announced this month
 - Largest funding request in program history with 219 applications (\$20.5M)
 - Provided new project focus on *Speed Management* and *Equipment Only*



WRAP Funding

- Governor Baker approved \$100M in funding for the Winter Recovery Assistance Program (WRAP) in April
 - Funding is distributed via a formula based on a municipality's share of local roadway mileage
- Eligible project types include:
 - Rehabilitation, reconstruction, resurfacing or preservation of roadways and appurtenances
 - Repair or replacement of traffic control devices, signage, guardrails, and storm grates
 - Road striping or painting



WRAP Funding

- No MassDOT project approval is necessary for the use of funding once NTP is issued
- Reimbursement-based; reporting required with each reimbursement request
 - Legislature requires spending report from MassDOT
- All program dollars must be spent by June 30, 2023
- Apportionments and guidelines sent to municipalities in April, contracting underway



SARPET – New Municipal Tool

- State Aid Reimbursable Programs Estimating Tool (SARPET) released this March
- Provides municipal staff with a reliable and easy method to develop project cost estimates
- Excel document with several tabs for inputs and outputs organized by project component
 - Capabilities include roadway, multimodal, traffic control, and pavement projects
- Project estimate aligns with estimate form required for MassDOT funding programs
- First-in-the-nation tool of its kind!

State Aid Reimbursable Programs Estimating Tool (SARPET)	
A tool for estimating project costs for Chapter 90, Complete Streets, Safe Routes to School, Shared Streets and Spaces, Local Bottleneck Reduction, Municipal Pavement, and other local projects.	
ESTIMATING TOOL INSTRUCTIONS	
The tool makes calculations based on MassDOT weighted bid prices and data entered on the following tabs:	
<div> <div>BasicProjectData</div> <div>Roadway</div> <div>Multimodal</div> <div>Pavement</div> <div>TrafficControl</div> <div>MiscItems</div> </div>	
The tool results are shown in two forms on the following tabs:	
<div> <div>ProjectSummary</div> <div>ProjectEstimate</div> </div>	
The tool's background calculations can be seen on the following tabs:	
<div> <div>AREA</div> <div>PVMTPRES</div> <div>DESIGN</div> <div>CIVIL</div> <div>EDGING</div> <div>DRAINAGE</div> <div>LIGHTING</div> <div>TRAFFIC</div> <div>SIGNAL</div> <div>AMENITIES</div> </div>	
Please follow the steps below to best utilize this cost estimating tool for your project:	
Step #1:	Ensure that you've downloaded the latest version of the tool. Fill out the Basic Project Data tab.
Step #2:	The bottom of the Basic Project Data tab will tell you which of the other input tabs need to be filled in based on your project scope. Fill in Roadway, Multimodal, Traffic Control and Pavement tabs as needed.
Step #3:	See which items were used in calculations by navigating to the ProjectEstimate tab. If any items appear to be missing, enter them in the MiscItems tab.
Step #4 (optional):	Double check the calculations and assumptions in the grey tabs listed above in Row 14 and make edits to the green shaded cells as appropriate. This is only necessary if unit prices for items in your municipality are known to be different than what has been provided in the tool.
Step #5:	Review the cost estimate in the ProjectSummary and ProjectEstimate tabs. The ProjectSummary tab is a glance of the overall project cost broken down by category. The ProjectEstimate tab shows costs using MassDOT Standard Items, user-inputted items, and pavement items. This sheet can be used to fill the MassDOT Preliminary Estimate Form.