

# Mass Highway Association 2025 Annual Meeting

*John J. Bechard, P.E.  
Deputy Chief Engineer for Project Development*

*May 1, 2025*



# Agenda

- MassDOT Design/Policy Changes (Engineering Directives)
- Program Update (FY24 Summary and FY25 Status)
- Major Projects on the horizon
- Consultant Contracts/Assignments/Opportunities
- Municipal Grant Programs Review

# MassDOT Design/Policy Changes

# MassDOT Directives/Policy Changes

- Four (4) Engineering Directives issued in 2025 to-date, as follows:
  - E-25-001, issued 1/23/25, Requirements for the Use of Non-Standard or Non-Compliant Roadside Safety Hardware
  - E-25-002, issued 3/12/25, MassDOT Highway Division Construction Standard Details
  - E-25-003, issued 3/12/25, Standard Specifications for Highways and Bridges - 2025 Edition
  - E-25-004, issued 4/17/25, Guidance for MassDOT Ancillary Structures Program

# MassDOT Program Summary



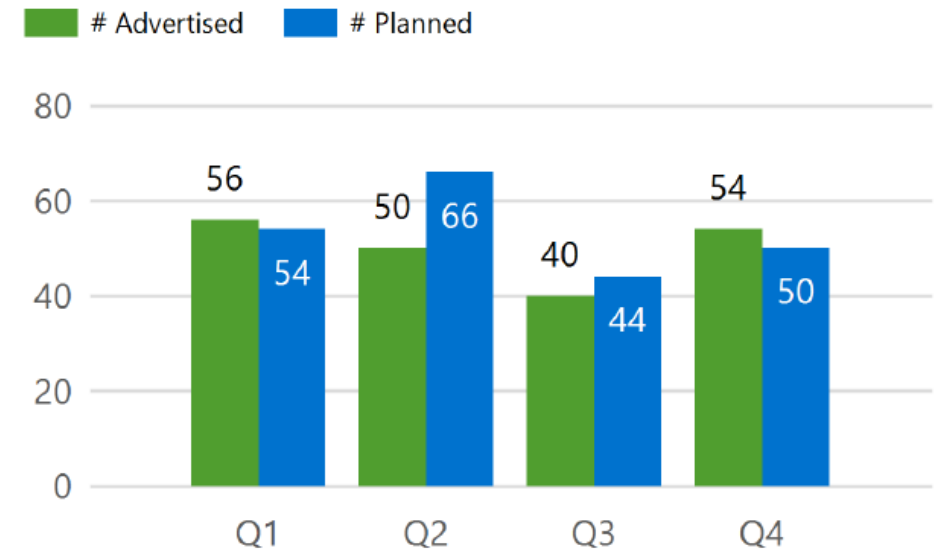
## FY 2024 In Review (10/1/23--9/30/24)

- Successful Delivery of FFY 2024 advertisement program with **200 total projects advertised**
- On-time performance within 30 days of locked down AD dates by Project Manager was 85.5%, w/ even quarterly distribution
- **Total program advertised - \$2,391 Bil.**

### Federal Fiscal Year: 2024

|              | # ADVERTISED | # PLANNED  | CONTCOST (ADV)    | CONT COST (PLANNED) |
|--------------|--------------|------------|-------------------|---------------------|
| STIP         | 87           | 97         | \$2,064.5M        | \$2,317.9M          |
| NON-STIP     | 113          | 117        | \$326.4M          | \$438.8M            |
| <b>Total</b> | <b>200</b>   | <b>214</b> | <b>\$2,390.9M</b> | <b>\$2,756.8M</b>   |

### Ads By Quarter thru 9/27/2024



2024

# Construction

## 2024 Accomplishments – Highway Division

- **Construction spend totaled \$1.37B**
- **Completed projects in 109 communities**
- **FY25–29 CIP spending at \$12.6 B; 573 projects programmed for future advertisement**
- **Notable project completions include:**
  - Boston: Sumner Tunnel Rehabilitation Project
  - Weymouth: Reconstruction of Route 18
  - Bedford/Billerica: Reconstruction of Middlesex Turnpike
  - Greenfield: Bridge Replacement, I91 over BMRR
- **Began construction on major projects, including:**
  - Natick: Bridge Replacement Route 27 over Route 9
  - Boston: Tunnel Lighting Replacement I93 Ramps
  - Mashpee: Corridor Improvements on Route 151
  - Watertown: Rehabilitation of Mount Auburn Street
  - Leominster: Reconstruction of Route 12
  - Worthington: Reconstruction of Route 143

**189**  
construction  
**projects**  
advertised

**\$1.1B**  
in awarded  
**contracts**





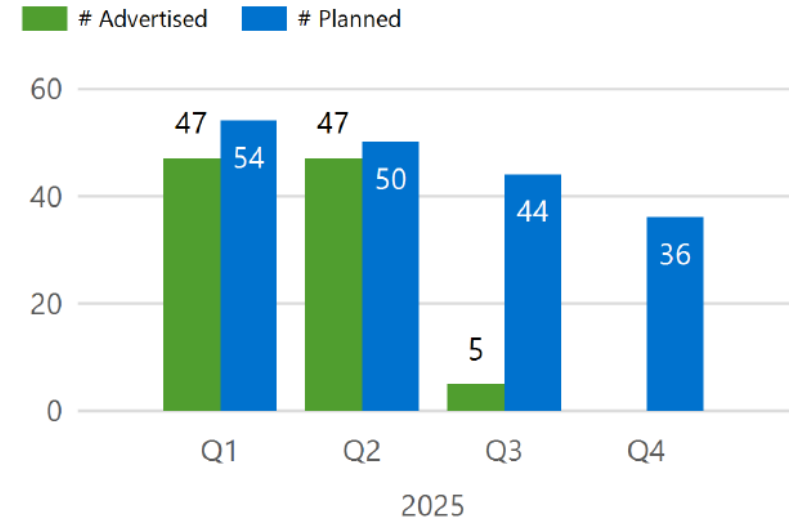
## 2025 Advertisement Program Update

### Federal Fiscal Year: 2025

|              | # ADVERTISED | # PLANNED  | CONTCOST (ADV)  | CONT COST (PLANNED) |
|--------------|--------------|------------|-----------------|---------------------|
| STIP         | 28           | 82         | \$678.0M        | \$1,177.1M          |
| NON-STIP     | 71           | 102        | \$193.9M        | \$338.8M            |
| <b>Total</b> | <b>99</b>    | <b>184</b> | <b>\$872.0M</b> | <b>\$1,515.9M</b>   |

**184 projects in FY25 Program,  
82 STIP & 102 NFA**

### Ads By Quarter thru 4/18/2025



# Major Projects Advertising Highlights

## Design-Build Procurements (FY26-FY28)

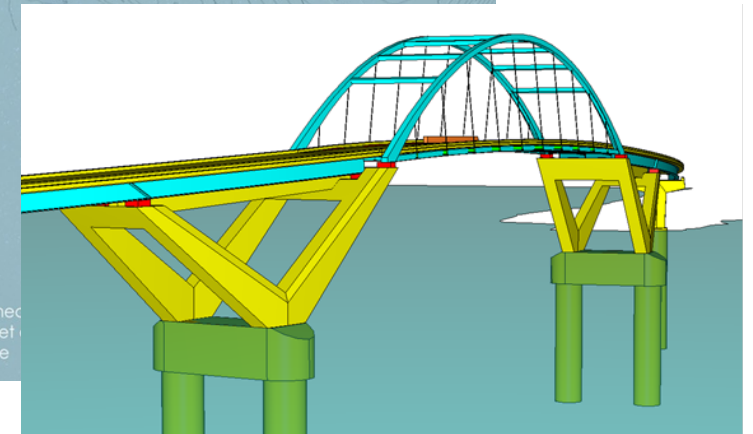
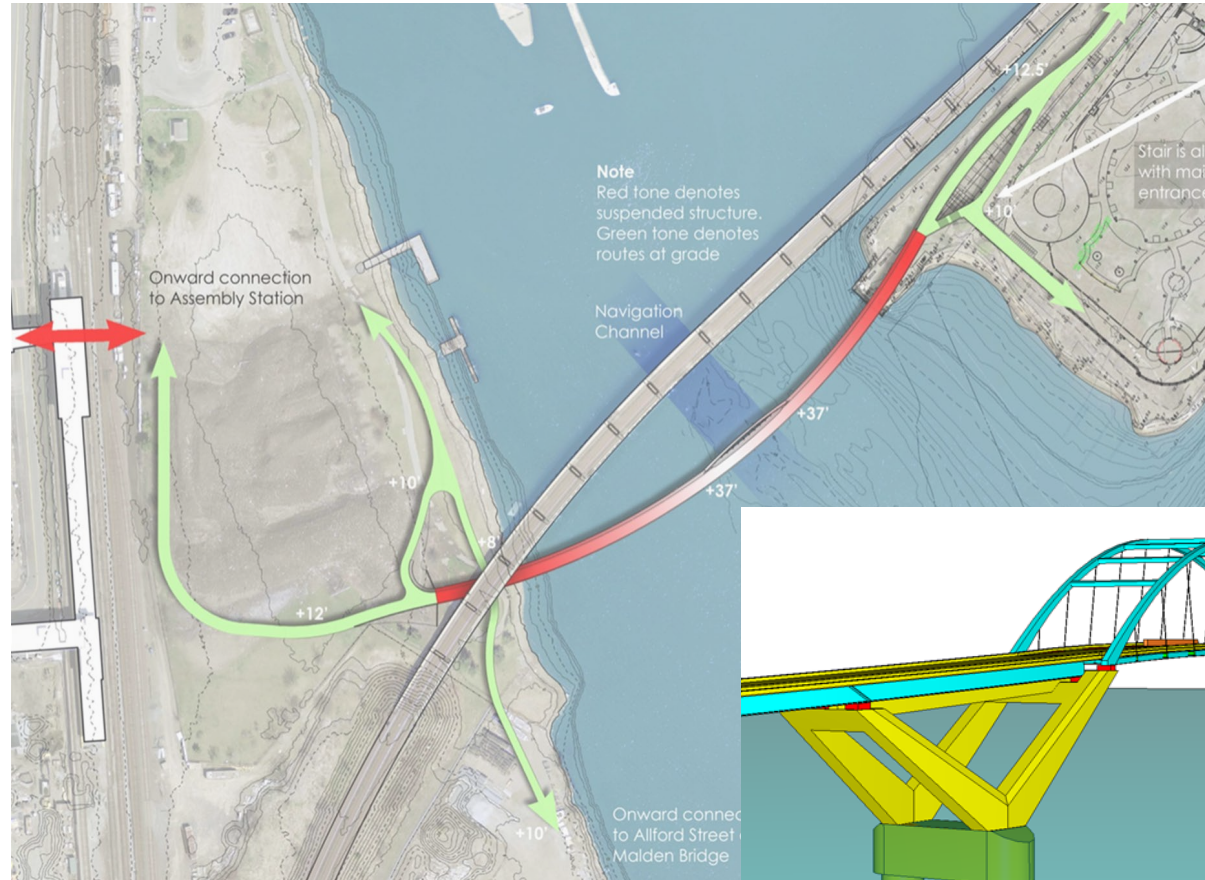
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| Project Number  | Description   | Office Estimate/Bid Amount | Adv. Date (RFP) | Price Opening | NTP        |
|-----------------|---|----------------------------|-----------------|---------------|------------|
| 612004          | Mystic River Bicycle and Pedestrian Crossing, Everett- Somerville, MA                               | \$65                       | 3/7/2026        | 8/6/2026      | 10/7/2026  |
| 612187          | Bridge Replacement I-391 over Route 116 (Chicopee Street), Chicopee, MA                             | \$143M                     | 4/25/2026       | 10/1/2026     | 12/2/2026  |
| 607349          | Bridge Replacement, Route 3 over North River, Norwell-Pembroke, MA                                  | \$51M                      | 5/23/2026       | 10/22/2026    | 12/23/2026 |
| 612006          | Bridge Replacement Powder Point Avenue over Duxbury Bay, Duxbury, MA                                | \$150M                     | 3/20/2027       | 8/26/2027     | 10/27/2027 |
| 612494          | Bridge Replacement, Park Avenue (US Rt 20) over Connecticut River, Springfield-West Springfield, MA | \$200M                     | 4/17/2027       | 9/23/2027     | 11/24/2027 |
| 612167 & 612495 | Bridge Replacement St. James Avenue over I-291 & Tapley Street over I-291 and CSX, Springfield, MA  | \$150M                     | 8/28/2027       | 2/3/2028      | 4/5/2028   |
| 608396          | Bridge Reconstruction, Route 1A over Saugus River, Lynn-Revere, MA                                  | \$175M                     | 2/5/2028        | 7/6/2028      | 9/6/2028   |

# Upcoming Major Projects

## 612004 Everett-Somerville: Mystic River Bicycle and Pedestrian Crossing

- Schedule Advertisement: **3/07/2026**
- Office Estimate: **\$65M**
- Initiated by DCR to construct a new Bicycle/Pedestrian Bridge over Mystic River to complete 11.5 mile long Northern Strand Project
- Connects five Northern Strand communities to rapid transit, to Mystic River north-south trail network, and ultimately to downtown Boston
- Pedestrian accommodations with a shared use path, and roadway tie-in to approach developments



# Upcoming Major Projects Advertising

612187 Chicopee: I-391 over Route 116 (Chicopee Street)

- Scheduled Advertising **4/25/2026**
- Office Estimate **\$143,000,000**
- Full replacement of existing 7-span structure carrying I-391 over Route 116 (Chicopee St) with 4-span bridge
- Roadway construction to include Mill and Overlay, Full Depth Pavement, median barrier replacement and other incidental work





# Upcoming Major Projects

607349 Norwell – Pembroke: Route 3 NB/SB over the North River

- Schedule Advertisement: **5/23/2026**
- Office Estimate: **\$43M**
- Replacement of twin structurally deficient 3-span Route 3 bridges over the North River.
- Southbound Bridge to be constructed in the existing median utilizing a temporary cross over. Southbound roadway is realigned in the final condition.
- Wetland permitting and replication will be necessary.





## Upcoming Major Projects Advertising

612006 Duxbury: Powder Point Avenue Bridge over Duxbury Bay

- Scheduled Advertising: **3/20/2027**
- Office Estimate: **\$150,000,000**
- Replacement of existing 2,200 ft. long 110 span timber structure due to substructure deterioration
- Roadway construction to tie into existing conditions at the approaches to the new bridge.



# Upcoming Major Projects Advertising

612494 Springfield-West Springfield: Route 20 (Park Avenue) over Connecticut River

- Scheduled Advertising: **4/17/2027**
- Office Estimate: **\$200M**
- Full replacement of existing 1100' long 7-span bridge carrying Route 20 over the Connecticut River
- Reconfiguration of the adjacent intersection and rotary
- Will incorporate sidewalks, shared use paths, and overlooks to the river





# Upcoming Major Projects Advertising

612167 & 612495 Springfield: St. James Avenue & Tapley Street over I-291 & CSX RR

- Scheduled Advertising: **8/28/2027**
- Office Estimate: **\$150M**
- Replacement of the existing structurally deficient four span bridge carrying Tapley Street over I-291 and CSX RR
- Replacement of the existing structurally deficient five span bridge carrying St. James Avenue over I-291 and CSX RR
- Replacing and reconfiguring ramps associated with St. James Ave/I-291 interchange and associated roadway improvements
- Replacing St. James Ave/Page Blvd signalized intersection with roundabout and associated roadway improvements



# Upcoming Major Projects Advertising

608396 Lynn-Revere: Route 1A over Saugus River

- Scheduled Advertising: **2/5/2028**
- Office Estimate: **\$175,000,000**
- Replacement of the structurally deficient movable bridge with a new 1,300' long fixed span bridge to the east of the existing structure
- Provides a 33'-8" high by 140'-0" wide navigational channel, improved pedestrian accommodations with a new shared use path, and roadway tie-in to approach developments





# Consultant/Contract Investment

- Breakdown of assignments as follows:      # of Firms
  - 25 or more assignments      13
  - Between 15  $\geq$  24 assignments      11
  - Between 10  $\geq$  14 assignments      9
  - Between 5  $\geq$  9 assignments      11
  - Between 1  $>$  5 assignments      17
- Total firms with MSA Assignments: 59
- 998 assignments totaling over \$680M



# Consultant Assignments/Opportunities

- May 8, 2025 - First Pre-Project Review Committee (Pre-PRC) meeting in FY25
- PRC scheduled for May 21, 2025
- Pre-PRC Meeting:
  - 17 Bridge Projects (Rehab. & Preservation)
  - 4 ADA/SRTS/Bike-Ped/Reconstruction Projects
  - 1 Intersection Improvement Project
  - 10 Municipal Proponent Projects
  - 19 Other project types (Maint., Pav't, etc.)
- Approx. 20 projects need design support (remainder Municipal proponent or In-house/District Design projects)
- Small Municipal Bridge Contracts – NTP's in final process for 6 new firms

# **MassDOT Municipal Programs Grant Central & Municipal Grants Update**

**Presented to WCHA and NBM this Spring by  
Kristen Rebelo, Community Grants  
Program Administrator**

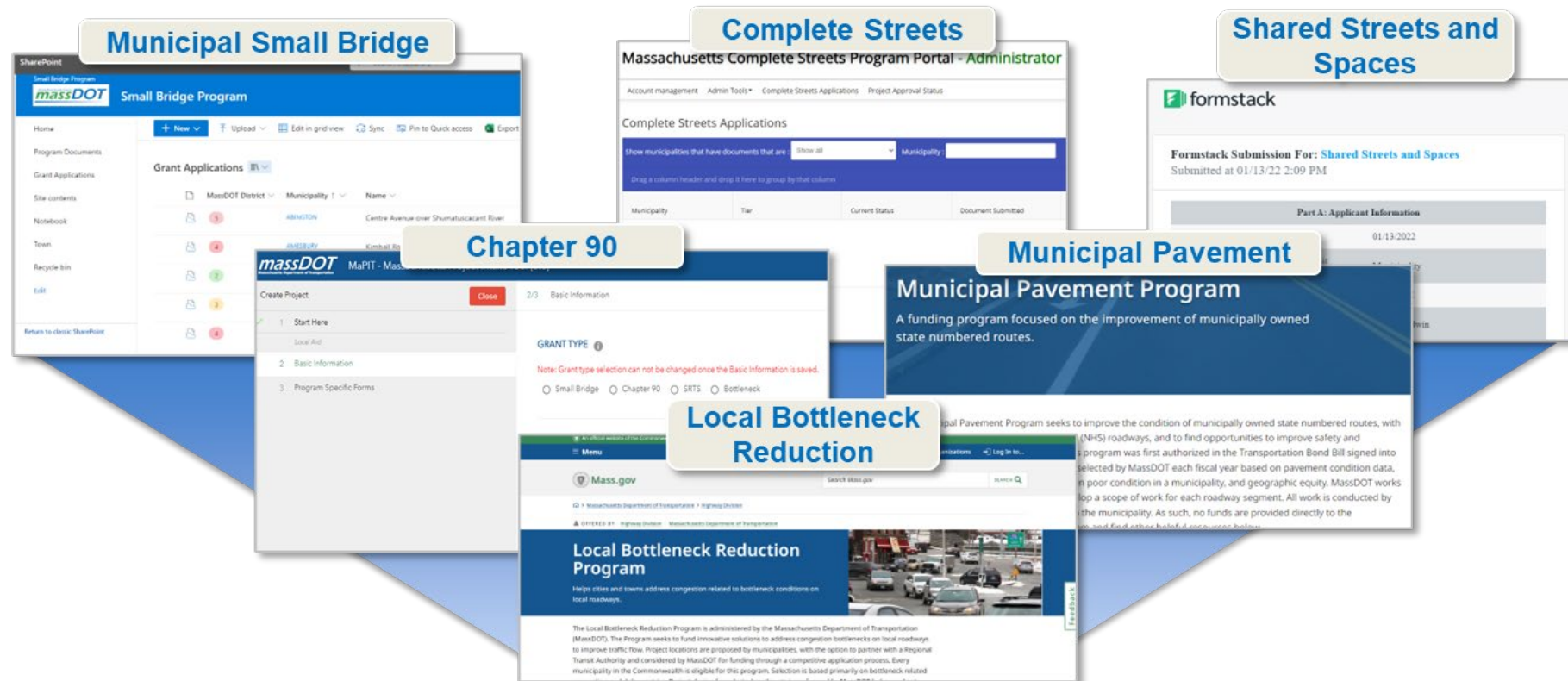
# Grant Central



**Grant Central** is an online portal that provides a single, convenient location for all MassDOT Highway Division grant program activities to take place. Its purpose is to make it **easier for communities to obtain and manage their MassDOT funds.**



# Who Uses Grant Central?



## Funding Programs

Chapter 90 | Complete Streets | Local  
Bottleneck Reduction | Municipal  
Pavement | Municipal Small Bridge |  
Shared Streets and Spaces

## Grant Central Users

The Public | Municipal Officials |  
Regional Transit Authorities |  
MassDOT Staff



# Municipal Grant Opportunities

## Complete Streets Funding Program

**Details:** A three-tiered program encouraging the incorporation of Complete Streets principles in local planning and design practice. Communities who participate in this program pass a local policy, adopt a prioritization plan, and implement multimodal projects.

**Focus:** Sidewalks, bike lanes, shared-use paths, bus stop Improvements.

## Chapter 90 Program

**Details:** A formula-based program that provides funding to all communities each fiscal year for improvements to transportation infrastructure. Not a competitive application program.

**Focus:** Roadway construction, pedestrian/bicycle infrastructure, road building equipment, consultant services.

## Local Bottleneck Reduction Program

**Details:** A program that funds innovative solutions to address congestion bottlenecks on local roadways to improve traffic flow. Selection is based off of bottleneck related congestion and delay metrics.

**Focus:** Improvements to traffic signal timing, equipment, vehicle detection, and infrastructure.

## Municipal Pavement Program

**Details:** A program focused on improving the condition of municipally owned state numbered routes. Not a competitive grant program. Projects are selected based on pavement condition data, the proportion of state numbered routes in poor condition in a municipality, and geographic equity.

**Focus:** Pavement rehabilitation, resurfacing, or pavement preservation.

## Municipal Small Bridge Program

**Details:** A program providing funding to municipalities for the improvement of bridges that are on a local public way, included in the State Bridge inventory, and have a span between 10 and 20 feet.

**Focus:** Bridge replacement, preservation, or rehabilitation.

## Shared Streets and Spaces Program

**Details:** A program focusing on improvements to plazas, sidewalks, curbs, streets, bus stops, parking areas, and other other public spaces in support of public health, safe mobility, and strengthened commerce.

**Focus:** Sidewalks, crosswalks, bike lanes, dedicated bus or bus/bike lanes, wayfinding, lighting.



# Updates

- Last application round closed in February. We expect **Shared Streets and Spaces** to be announced in May.
- **Complete Streets FY26 Round 1** is open through May 1.
- FY25 **Municipal Pavement Program** segments are underway, FY26 scoping sessions expected to start in May.

# Updates (Continued)



- FY25 **Local Bottleneck Reduction Program** is beginning site visits and kickoff meetings. Next round expected late Fall 2025.
- **Complete Streets FY26 Round 2** will begin accepting applications at the start of September.
- The latest **Municipal Small Bridge Program** awards are expected to be announced in May.

# Updates (Continued)

- **FY26 Chapter 90** letters were sent to communities at the end of February. Will be notified when the filing is voted with your confirmed apportionment.
  - Expected to be funded at \$300M
    - \$200M distributed through traditional Chapter 90 formula
    - \$100M distributed through road miles only formula
  - Expected to be a Multi-Year Authorization for 5 years to allow for planning and predictability.
- **FY25 Fair Share Funds** have been added to your Chapter 90 accounts. Please reach out to Kristen Rebelo or your district State aid office for your allocation amount.
  - also posted here: <https://www.mass.gov/info-details/fair-share-fy-2025-amounts-by-municipality>

# Questions

Thank you

## Contact information

John J. Bechard, P.E. Deputy Chief Engineer for Project Development

[John.Bechard@dot.state.ma.us](mailto:John.Bechard@dot.state.ma.us)

(c) 508-751-1755