

ACEC/ MA State Markets Conference

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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

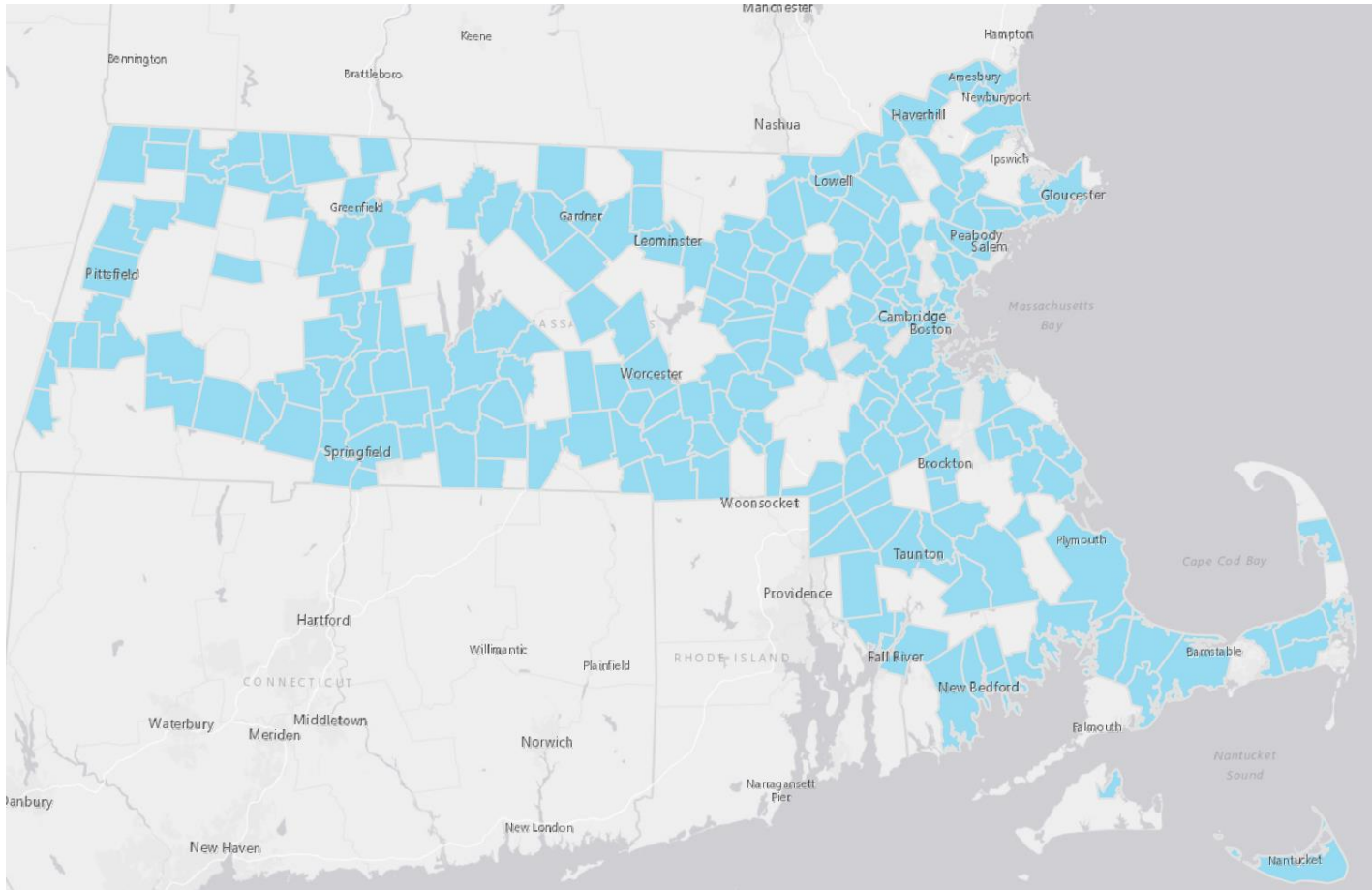
\$1.1B

in awarded
contracts

Construction

2024 Accomplishments – Highway Division

- **649 active maintenance and construction contracts totaling \$6.81 B in 2024**



Towns with active projects in Fiscal Year 2024

Active Projects by Program

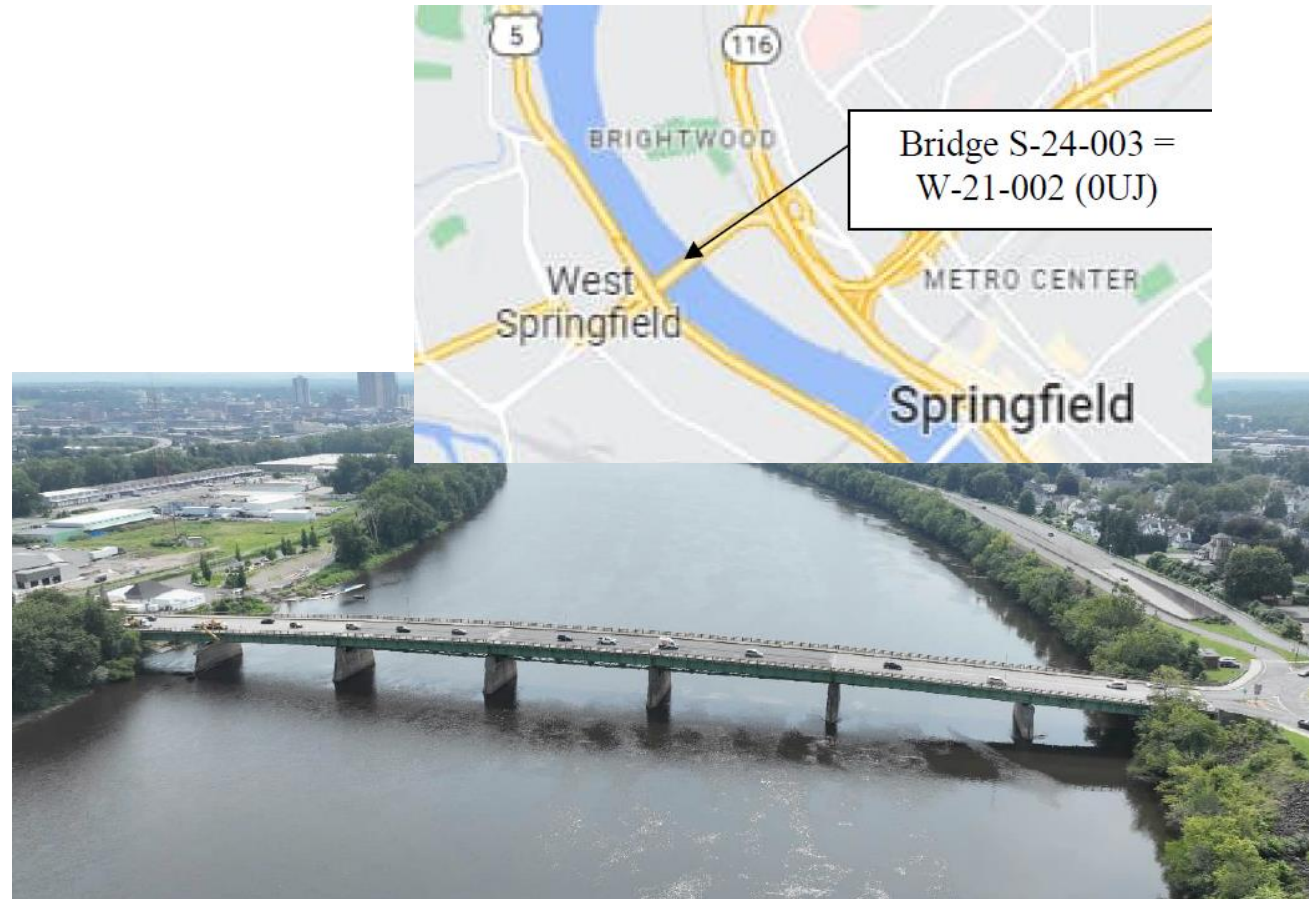
Bridge	199
Roadway Improvements	109
Roadway Reconstruction	73
Safety Improvements	56
Non-Interstate Pavement	46
Intersection Improvements	37
Facilities	31
Accessibility Improvements	20
Interstate Pavement	17
Intelligent Transportation Systems	16
Bicycle and Pedestrian	15
Tunnels	10
Capacity	7
Bicycle and Pedestrian Modal Implementation	6
Safe Routes to School	6
Allston Multi-Modal	1

Upcoming Major Projects Advertising

Springfield-West Springfield – Route 20 over Connecticut River

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- Scheduled Advertising: **4/17/2027**
- Office Estimate: **\$200,000,000**
- Initial rehabilitation options were investigated to determine feasible alternatives for this 100 year old structure.
- Ultimately, replacement of the existing bridge carrying Route 20 over the Connecticut River was deemed appropriate to provide a 75-year design life.
- Proposed improvements to pedestrian and bicycle accommodations to provide connectivity between Springfield and West Springfield.



2025 Major Projects Advertising

Duxbury – Powder Point Avenue Bridge over Duxbury Bay

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- Scheduled Advertising: **3/20/2027**
- Office Estimate: **\$150,000,000**
- Bridge replacement of the 2,200 LF multi-span timber structure with modern day materials
- Although timber constructed, the bridge is not historic having been reconstructed in 1986 after the original 1892 bridge sustained fire damage.
- Current bridge provides 2-10 ft lanes and 1-5.5 ft sidewalk. The proposed cross section will provide 2-12 ft lanes with 1-10 ft wide sidewalk
- NHESP priority habitat are present on the eastern banks due to the presence of Piping Plovers.

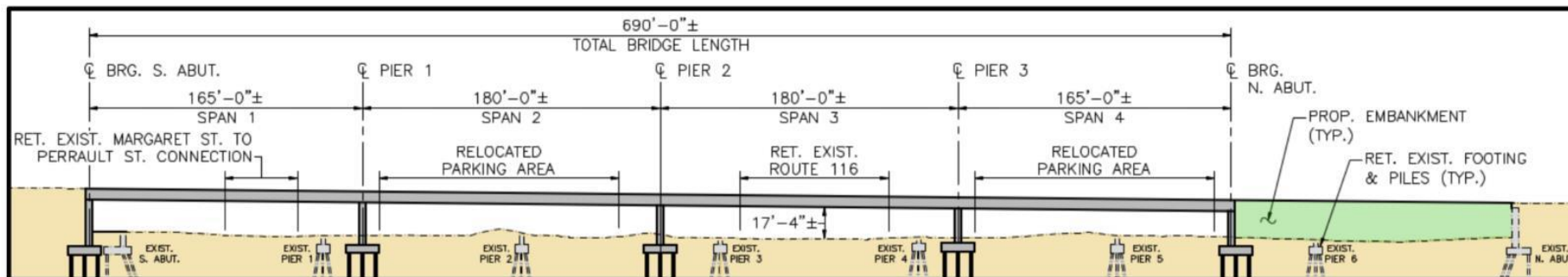


2025 Major Projects Advertising

Chicopee Bridge Replacement – I-391 over Route 116 (Chicopee Street)

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- Scheduled Advertising: **4/25/2026**
- Office Estimate: **\$143,000,000**
- Bridge Replacement restoring 3 lanes NB and SB for I-391 to provide for current & future traffic volumes & heave loads.
- Be constructible in halves to maintain highway traffic during construction
- Provide a 75-year design lifespan to reduce long-term impacts to local and regional motorists and users.

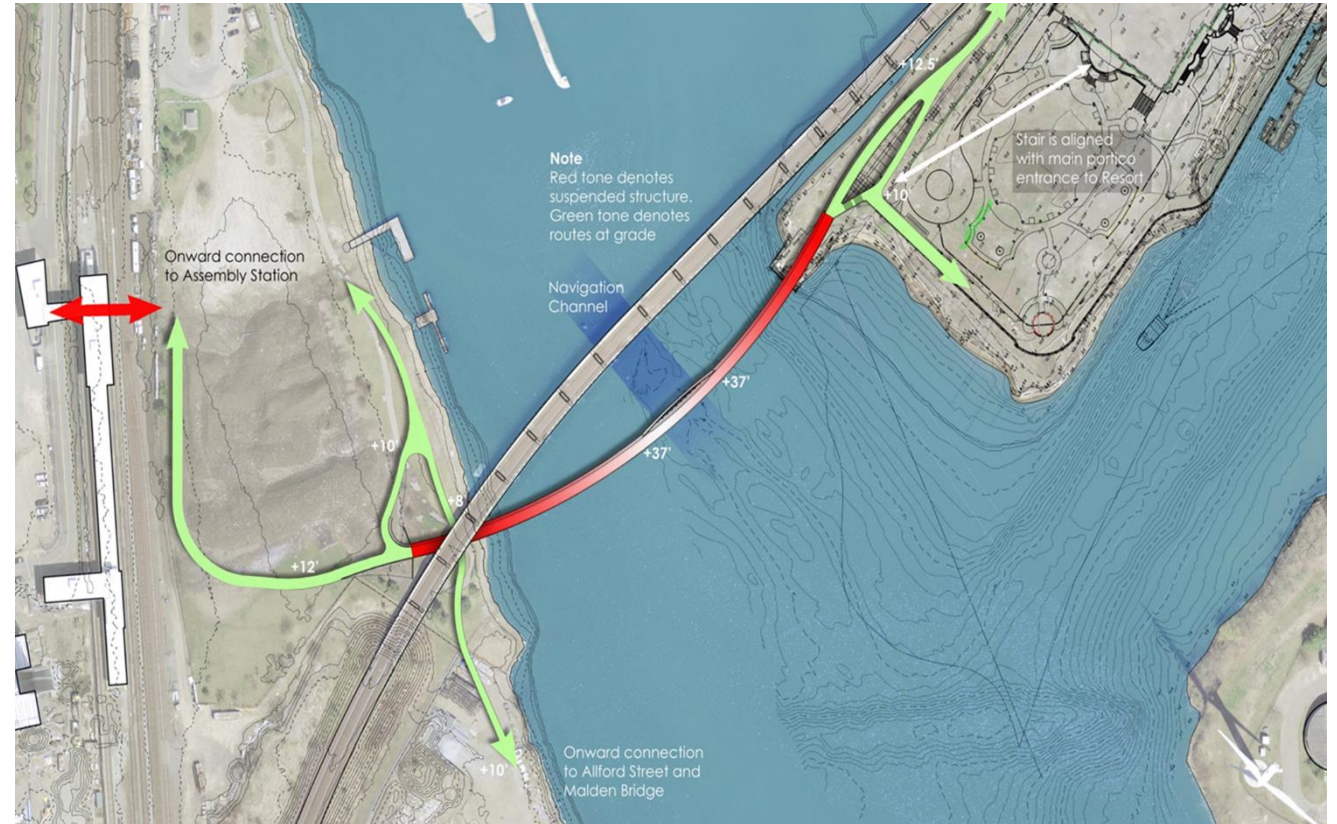


2025 Major Projects Advertising

Mystic River Pedestrian and Bicycle Bridge

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- Scheduled Advertising: **3/7/2026**
- Office Estimate: **\$65,000,000**
- Construction of new bridge connecting Somerville to Everett crossing the Mystic River
- Addresses a gap in pedestrian and bicycle connectivity across the Mystic River in this area.
- Completes 11.5 mile long Northern Strand project, connecting five Northern Strand communities to rapid transit, to the Mystic River north-south trail network, and ultimately to downtown Boston



Major Projects Advertising Highlights

Design-Build Procurements

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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

FY26–30 CIP Presentation Schedule

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CPC/Board Meeting Month	Topics
March 2025	<ul style="list-style-type: none">• CIP overview and development timeline• Factors affecting CIP development
April 2025	<ul style="list-style-type: none">• Progress on CIP development since March• Preliminary proposed spending and funding sources• Spending highlights in priority areas
May 2025	<ul style="list-style-type: none">• Progress on CIP development since April (and STIP connections)• Draft CIP spending and updates to highlights• Public review period engagement approach• Board Vote: Release draft CIP for public review
June 2025	<ul style="list-style-type: none">• Engagement outcomes/public comments• Proposed changes from draft CIP to proposed final CIP• Equity analysis approach and results• Board Vote: Approve final CIP

Schedule subject to change. CPC = Capital Programs Committee. FY = fiscal year.

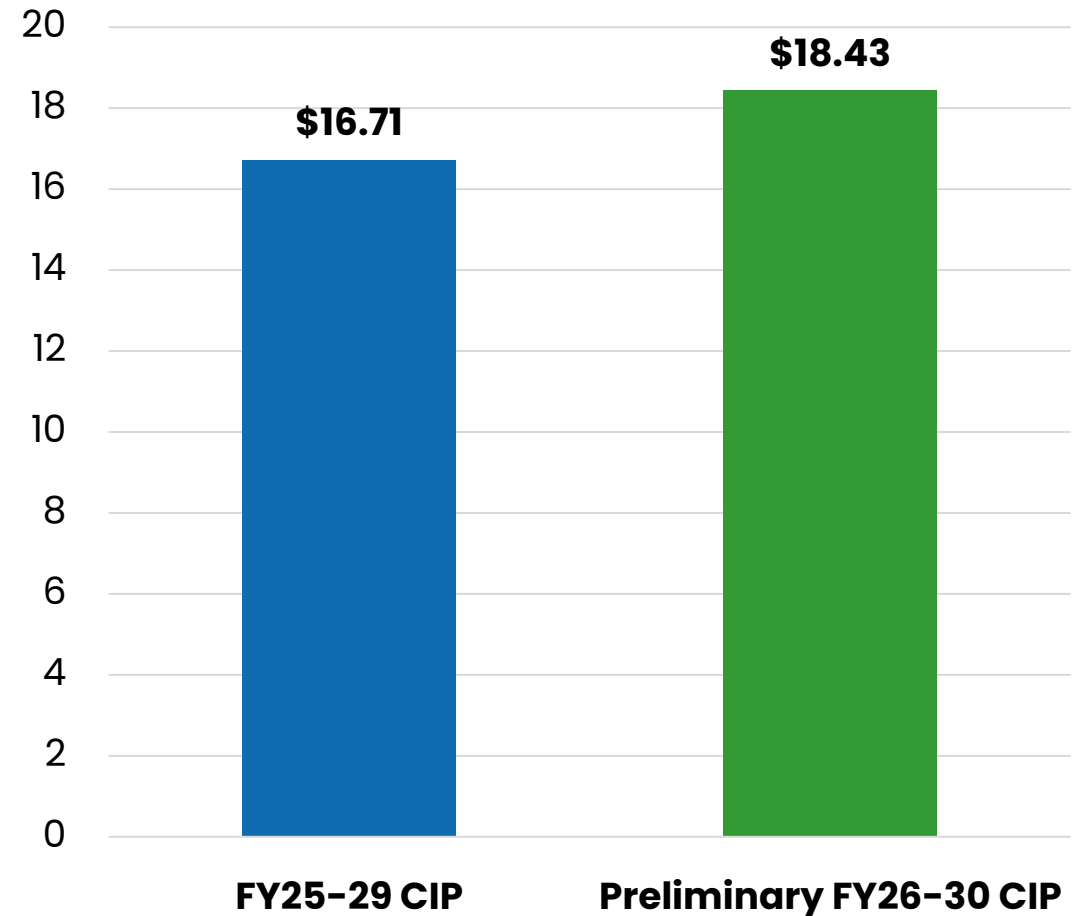
Preliminary FY26–30 CIP Spending by Division

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**Proposed FY26–30 CIP Spending
by Division (\$ millions)**

Division/Section	FY26–30 Spending (millions)
Aeronautics	\$568.4
Chapter 90 and Rural Roadway Funding Program	\$1,025.0
Highway	\$14,207.0
Information Technology	\$126.4
MBTA	\$1,134.5
Planning, Enterprise Services, and Other	\$488.9
Rail	\$493.9
Registry of Motor Vehicles	\$12.5
Transit	\$369.9
Grand Total	\$18,426.9

CIP Spending Levels (\$ billions)



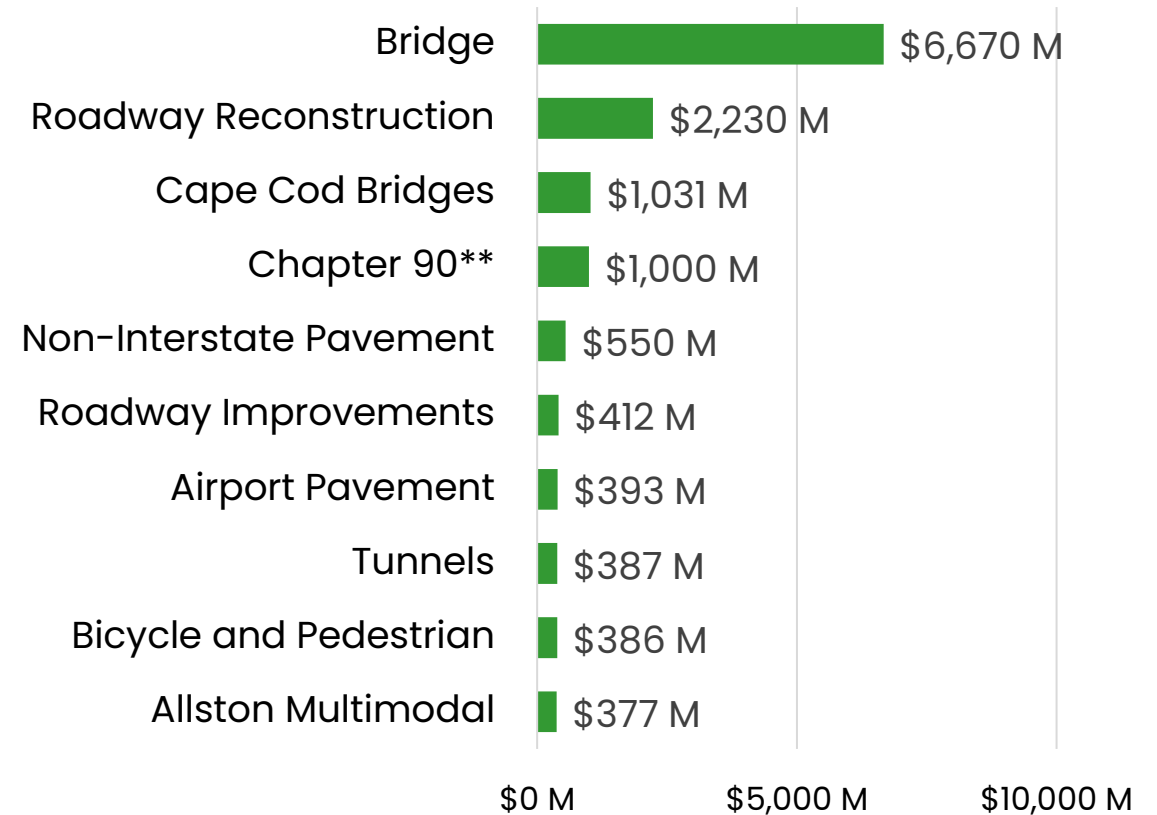
FY26–30 CIP data is as of April 9, 2025, and is subject to change. Totals may not sum due to rounding.

Preliminary FY26–30 CIP Spending: Programs

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- MassDOT's CIP is made up of more than 50 investment programs, which group projects by theme or type
- Proposed new programs include
 - Aeronautics – Advanced Air Mobility Technologies Integration Program
 - Highway – Vulnerable Road User Improvements program
- MassDOT's CIP realignment work focuses on identifying the *Beyond Mobility* priority areas and actions that each program addresses

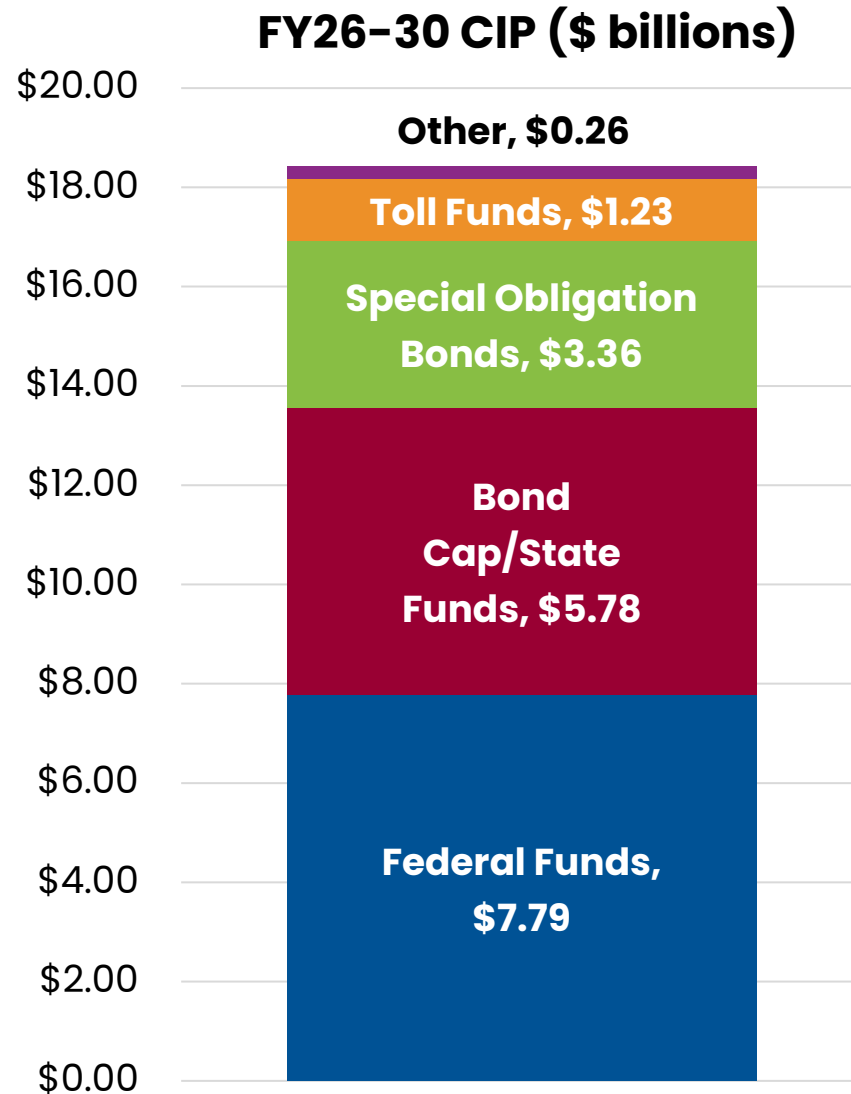
Top MassDOT CIP Programs by Proposed FY26–30 Spending* (\$ millions)



*Chart does not include Commonwealth-funded MBTA investments. **Chapter 90 spending does not include the Rural Roadway Funding Program.

Preliminary FY26–30 CIP Spending by Funding Source

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- **Bond Cap/State Funds:** These match federal dollars, and fund Chapter 90, municipal grant programs, and non-federal aid programs
- **Federal Funds:** Includes both formula and discretionary funds from USDOT and its modal administrations
- **Special Obligation Bonds:** Includes Next Generation Bridge grant anticipation notes and bonds, Rail Enhancement Program bonds, and other Commonwealth Transportation Fund (CTF) bonds supported by FY25 Fair Share
- **Toll Funds:** Includes revenues generated by Metropolitan Highway System, Tobin Bridge, and Western Turnpike, which are used to improve those facilities
- **Other Funds:** Includes Central Artery Maintenance/Trust Fund, local contributions, and other sources

Data is as of April 9, 2025, and is subject to change.

Safety, Reliability, and Travel Experience Highlights

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Investments that support these ***Beyond Mobility*** priority areas advance asset state of good repair, consistent travel times, improved comfort and navigability, and reduced safety risks, fatalities, and serious injuries.

Safety

- **\$360 M** for intersection improvements throughout Massachusetts
- **\$163 M** for systematic safety improvements on state-owned roadways
- **\$45 M** for projects focused on vulnerable road users (bicyclist and pedestrian) safety)*

Travel Experience

- **\$2.6 B** for roadway improvement and reconstruction programs
- **\$558 M** for pavement and capital asset needs at public use airports
- **\$228 M** for regional transit authority vehicle and facility repairs and upgrades

Reliability

- **\$6.7 B** for Bridge program
- **\$910 M** for Interstate and non-Interstate pavement programs
- **\$340 M** for rail network improvements for reliable freight and passenger travel

* New program for FY26–30 CIP.

Data is as of April 9, 2025, and is subject to change. Values reflect FY26–30 spending.

Resiliency, Clean Transportation, and Connectivity Highlights 15

Investments that support these ***Beyond Mobility*** priority areas advance low-emission/carbon free modes, preparation for and responses to climate change, and connections to places people need and want to go.

Resiliency

- **\$112 M** for Highway Resiliency program (includes culvert, dam, and flood control improvements)
- **\$10 M** for Advanced Air Mobility Integration Program, which will support resiliency efforts*
- **\$10 M** for ongoing flood risk assessment activities

Supporting Clean Transportation

- **\$70 M** for support for charging stations along major roadways
- **\$54 M** for regional transit authority investments to fund electric vehicles and supporting infrastructure

Destination Connectivity

- **\$618 M** for shared-use path and on-road improvements for bicycle and pedestrian travel
- **\$222 M** for Compass Rail initiative
- **\$120 M** for Mobility Assistance Program
- **\$17 M** for TMA Grant Program

* New program for FY26–30 CIP. TMA = Transportation Management Association.
Data is as of April 9, 2025, and is subject to change. Values reflect FY26–30 spending.

Partnerships with Municipalities

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Program	Description	FY26–30 Spending
Chapter 90*	State aid to municipalities (provided by formula) that supports a variety of roadway improvement projects	\$1,000.0 M
Rural Roadway Funding Program	Supplementary state aid (provided by formula that accounts for rurality) for road and bridge improvements	\$25.0 M
Complete Streets	Technical assistance and construction funding to eligible municipalities to improve multimodal roadway travel for all users	\$75.0 M
Local Bottleneck Reduction	Grants to address congestion bottlenecks at local signalized intersections	\$26.0 M
Municipal Pavement	Funding to Improve pavement on municipally-owned State Numbered routes	\$125.0 M
Municipal Small Bridge	Support to cities and towns to replace, preserve, or rehabilitate small bridges	\$75.0 M
Safe Routes to School	Funding for infrastructure projects for safe walking and biking to schools	\$59.4 M
Shared Streets and Spaces	Grants for quick improvements to plazas, sidewalks, curbs, streets, bus stops, parking areas, and other public spaces	\$32.5 M
TOTAL		\$1,417.9 M

* Pending legislation would increase Chapter 90 funding to \$300 M per year and fund it with Fair Share dollars. Data is as of April 9, 2025, and is subject to change. Totals may not sum due to rounding.

Thank You

