

# FY25-FY29 CAPITAL PLAN

*Maura T. Healey, Governor | Kimberley Driscoll, Lt. Governor*



## ***Climate and Resiliency***

*Alaina Martin, Natalie Albanese, Sara Renkert, Eleanor Sullivan, Jake Rooney Fiscal Policy Analysts; Laura Taronas, Assistant Budget Director*

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### **Introduction**

The FY25-FY29 Capital Investment Plan (CIP) is designed to advance our collective pursuit of a cleaner, healthier, and more resilient future. The CIP notably continues a whole-of-government approach to addressing climate change by weaving decarbonization, energy efficiency, and climate resilience principles throughout the plan, aligning administration goals with infrastructure investments. Examples include public housing greening initiatives, the ResilientMass program, and interagency collaborations aimed at developing strategic, coordinated efforts to decrease the Commonwealth's carbon footprint and increase resilience and preparedness to climate change impacts.

With a focus on balancing existing commitments to infrastructure maintenance with catalyzing innovative initiatives to reduce emissions and become more resilient to climate change, the CIP dedicates \$302.6 million to EEA's six agencies and the Clean Water Trust (CWT). This is on top of climate-focused investments woven throughout the FY25-FY29 CIP.

The CIP dedicates:

- Over \$500.0 million over five years to reduce emissions through electrification of transportation, creating more sustainable transportation options, and building resilient infrastructure prepared to withstand the impacts of a changing climate
- \$309.1 million over five years for decarbonization projects at DCAMM
- \$205.0 million in FY25 (\$1.0 billion over FY25-FY29) for Chapter 90 to fund municipal projects, including work on pavement, local bottleneck reduction, and bike/pedestrian infrastructure
- \$69.3 million in FY25 to local and municipal partners for climate-focused projects
- \$45.1 million over five years towards a zero-carbon future
- \$41.0 million in FY25 for sustainability and resiliency projects in public and affordable housing units
- \$9.1 million in FY25 (\$25.3 million over FY25-FY29) for National Electric Vehicle Infrastructure (NEVI) spending to improve electrification infrastructure
- \$4.5 million over five years for the study and implementation of the electrification of the state's fleet of vehicles
- \$3.3 million in FY25 (\$16.0 million over FY25-FY29) for a new program to support transportation management association grants that expand commuter options to address congestion and air quality

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**Municipal and Local Partnership & Projects**

A key aspect of achieving the Healey-Driscoll Administration's climate objectives is collaboration with local partners. The FY25 CIP includes \$68.3 million for climate-focused municipal grants and local awards, allowing communities to achieve mutually desirable outcomes including land conservation, park creation, and facilities restoration. Key investments include:

- MVP Planning and Action Grants (\$23.1 million) – Provides technical assistance planning and implementation grants to cities and towns for community-led climate change vulnerability assessments.
- Community Investment Grant Programs (\$21.0 million) – Supports a portfolio of municipal grant programs, including Parkland Acquisitions and Renovations for Communities (PARC), Local Acquisitions for Natural Diversity (LAND), Gateway City Parks, and Municipal Drinking Water Protection.
- Inland Dams and Seawalls (\$12.4 million) – Supports the rebuilding and removal of failing infrastructure not covered by other state programs, ensuring dams, levees, and coastal protection structures function as intended throughout the Commonwealth.
- MassTrails Grants to Municipalities (\$10.0 million) – Supports longer-distance regional networks of multi-use pathways across the Commonwealth, fills in gaps to existing networks, and seeks to overcome current barriers to connectivity to encourage bike and pedestrian mobility.
- Land Protection Grant Programs (\$2.8 million) – Helps land trusts protect land for future generations for natural resource conservation and outdoor recreation purposes.

**Implementation of ResilientMass Plan**

The FY25 CIP also supports the state agency-led actions laid out in the 2023 ResilientMass Plan, which focuses on identifying the most urgent climate impacts facing Massachusetts and building statewide capacity for climate change adaptation and resilience. The state agency-led actions range from increasing coastal resilience to biodiversity protection, climate-smart agriculture, urban cooling through tree planting, and more. In support of these goals, EEA's FY25 CIP provides funding for over 50 ResilientMass Plan actions within their agencies at a total funding amount of \$25.0 million. HLC incorporates an additional \$18.0 million investment towards the ResilientMass goals in the FY25 CIP to advance priority resiliency improvements in state-aided public housing authorities. These actions are incorporated into several existing plan items in addition to the following new plan items:

- Resilience Thin Public Housing (\$18.0 million)
- Habitat and Species Conservation (\$1.8 million)
- Statewide Hydraulic Model (\$1.8 million)
- Nature Based Solution and Permit Streamlining (\$1.7 million)
- Analysis of PFAS Concentrations at Wastewater Treatment Plants and Waste (\$1.0 million)
- Marine Fisheries Monitoring (\$276,000)
- State Energy Infrastructure Resilience (\$350,000)
- Water Resources Protection (\$290,000)
- ResilientCoasts Plan Implementation (\$175,000)
- Coastal and Marine Water Quality Monitoring (\$150,000)

**Targeted Investments in Climate and Clean Energy**

The FY25 CIP supports targeted investments in climate and clean energy, including \$40.3 million for Land Protection, \$24.4 million for Clean Water initiatives, \$17.8 million for Natural Resources, \$2.9 million for the State Hazard Mitigation, \$2.5 million for the Department of Conservation and Recreation (DCR) Climate Adaption Plan, and \$1.4 million for new State Energy Infrastructure Resilience, solar implementation, and EV charging initiatives at Department of Energy Resources (DOER). Each of these initiatives is intended to reduce the barriers to adopting green technology throughout Commonwealth agencies and ensure a whole-of-government approach to sustainability. These investments afford ongoing commitments to replacing outdated or aging infrastructure and equipment with climate-conscious alternatives.

**Focus: Central Plant Conversions and On-Site Fossil Fuel Reductions**

The FY25-FY29 CIP also reflects the continuing evolution of the State's 'best in nation' energy programs. This is reflected throughout the Division of Capital Asset Management and Maintenance's (DCAMM) portion of the capital budget, which has decarbonization and sustainability as a key focus of every major project. Specifically, there is a total of \$159.3 million over five years invested toward a zero-carbon future for the Commonwealth by converting central plants and moving away from on-site fossil fuels in state buildings. The CIP invests \$41.0 million in DCAMM's Sustainability & Resiliency plan item, which funds energy projects at Greenfield Community College, Bridgewater State University, and Massachusetts Correctional Institution – Concord.

Many of DCAMM's decarbonization projects are taking place on higher education campuses around the Commonwealth, with \$43.3 million allotted to Salem State University, \$25.0 million allotted for Massachusetts Maritime Academy, and \$650,000 allotted for higher education decarbonization studies to develop roadmaps for future projects.

**Focus: Transportation Sector**

The transportation sector is one of the largest sources of carbon and greenhouse gas emissions in the Commonwealth, as well as one of the most vulnerable to the impacts of climate change. MassDOT is committed to addressing both areas of need through over \$600.0 million in state-funded capital investments in FY25-29 that reduce emissions through electrification, creating more sustainable transportation options, and building resilient infrastructure prepared to withstand the impacts of a changing climate.

MassDOT's CIP includes key investments in EV purchases and charging. Utilizing federal funding authorized under the Bipartisan Infrastructure Law (BIL), MassDOT is putting \$63.5 million towards EV charging along major corridors. Combined with the investments from the federal government, \$86.0 million over five years will be put towards making EV charging more accessible to Commonwealth travelers – transforming our primary corridors for EV usage.

The CIP also addresses improving and electrifying transit in the Commonwealth. Transit systems are preparing to transform their operations with more EV buses and vans, introducing new technical, logistical, and budget challenges. The transit division continues to work closely with Regional Transit Authorities (RTAs) on upgrading their fleets and facilities to incorporate greater electrification and efficiency. This includes funding of studies and consulting services to support the transition. The FY25-FY29 CIP dedicates \$41.0 million for electrification projects and matches the federal funds available.

## Budget Brief: Fully Committing to Our Climate Goals

MassDOT is also making investments to improve access to alternative modes of transportation including walking, biking, and transit to reduce reliance on passenger vehicles. Over the next five years, \$256.8 million of state investments and \$307.8 million of federal investments will go to improving bike and pedestrian infrastructure from FY25-FY29. These investments will improve on-road bicycle and pedestrian facilities, shared use paths, and related improvements to improve connectivity, safety, and traveler comfort using these modes. This will be achieved through the Shared Use Paths program, the Complete Streets program, the Shared Streets and Spaces program, the Bicycle and Pedestrian Modal Implementation program and the Safe Routes to School program.

Plan Item	Shared Streets and Spaces	FY25 State Investments	FY25-29 State Investments	FY25 Federal Investments	FY25-29 Federal Investments
<b>T061</b>	Shared Use Paths/Bicycle Pedestrian	\$ 11.7 M	\$ 80.3 M	\$ 31.5 M	\$ 260.1 M
<b>T062</b>	Complete Streets	\$ 15.0 M	\$ 75.0 M	-	-
<b>T141</b>	Shared Streets and Spaces	\$ 6.5 M	\$ 32.5 M	-	-
<b>T113</b>	Bicycle and Pedestrian Modal Implementation	\$ 10.6 M	\$ 57.8 M	\$ 0.7 M	\$ 1.9 M
<b>T146</b>	Safe Routes to School	\$ 1.3 M	\$ 11.2 M	\$ 3.7 M	\$ 45.9 M
<b>Total</b>		<b>\$ 45.1 M</b>	<b>\$ 256.8 M</b>	<b>\$ 36.0 M</b>	<b>\$ 307.8 M</b>

Additionally, DOT will support travel to the RTAs and other local transit providers through \$208.6 million in investments over the next five years that increase accessibility, safety and reliability. Lastly, DOT is dedicating \$25.0 million for a new program to support transportation management associations, which are public-private partnerships that collaborate on expanding transportation options for commuters to address congestion and air quality. Encouraging Bay Staters to leave the car at home and commute through other modes is the easiest and fastest way to reduce emissions, and the Healey-Driscoll administration is committed to bringing more safe and convenient opportunities for individuals to make that switch.

### Focus: Leveraging Federal Climate Funding

State matching funds unlocked more than \$113.0 million in federal funding for climate related initiatives within EEA's portfolio in the FY25 CIP. The bulk of federal funding (\$63.6 million) is dedicated to the Clean Water Trust and will be used to help communities build or replace water infrastructure that enhances ground and surface water resources. These low-interest loans and grants to cities, towns, and water utilities will directly improve the quality and availability of clean water to all of the Commonwealth's residents.

Additional federal funds are dedicated to:

- **\$30.0 million:** The remediation of abandoned Massachusetts Superfund sites
- **\$13.5 million:** The design and construction of new water infrastructure at the Herring River Estuary in Wellfleet – improvements necessary to restore tidal flow to Herring River
- **\$4.1 million:** Improved coverage of EEA's Ambient Air Monitoring network, complementing the FY24 House 1 investment in additional personnel

***Budget Brief: Fully Committing to Our Climate Goals***

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EEA/DCR received \$142 million in APRA funding in the FY25 CIP. This funding is dedicated to:

- **\$30.6 million:** Land Protection Grant Programs
- **\$23.0 million:** Food Security Infrastructure Grant Programs
- **\$17.6 million:** MassTrails, DCR Major Trails and Maintenance

**Focus: Environmental Justice in Public and Affordable Housing**

Achieving environmental justice is a key priority of the Healey-Driscoll Administration. Sustainability and climate resiliency projects in public and affordable housing units make great strides in tackling this bold goal. The groundbreaking Housing Works program, created in the FY24 CIP by the Administration, features a sub program for Climate Resilient Affordable Housing. In the FY25 CIP, \$18.0 million will be authorized for climate resilient grants to support 400+ units through either the development of affordable housing that is sustainable, resilient to climate change, and "deep green", or through the retrofitting of existing affordable housing units.

Additionally, the FY25 CIP invests \$23.0 million in the Public Housing Sustainability and Resiliency program, an increase of \$18.0 million over FY24. This significant increase focuses on projects to reduce greenhouse gas emissions produced by the public housing portfolio, targeted HVAC electrification awards, deep energy retrofit work at highest emitting developments, and building a resiliency redevelopment pipeline to protect assets and residents from the effects of climate change.