

What is the Capital Investment Plan (CIP)?

The CIP contains all MBTA capital projects over the next five years. Capital projects help us maintain, acquire, renew, construct or improve capital assets.

Every year, as per our legislative mandate, we update the CIP. This allows the T to allocate new funding both new and ongoing projects.

The CIP is a short-term, financially constrained investment plan. It accounts for the T's available sources and committed uses over the next five years.



CIP step-by-step process

- Identify capital needs
- Evaluate and score project requests
- Determine funds available
- Prioritize projects for funding
- Sequence investments
 - Release CIP annual update

FY26-30 CIP | Investment Programs

Asset class strategies are used to inform program sizing and investment priorities

Reliability and Modernization Programs (7)

Improve the reliability of the system and modernize existing assets

Focused on State of Good Repair and continued safety of riders and employees



Structures

Repairs, reconstructs, and replaces Commuter Rail and transit bridges, tunnels, culverts, and dams



Guideway, Signal, and Power

Rehabilitates, replaces, and upgrades guideway, signal, and power assets across Commuter Rail, transit, and bus systems



Maintenance and Administrative Facilities

Rehabilitates and upgrades maintenance and administrative facilities



Passenger Facilities

Rehabilitates and upgrades stations, stops, and parking facilities to improve accessibility and the customer experience



Vehicles

Rehabilitates and replaces revenue fleets and non-revenue vehicle equipment for reliable and safe operations



Business and Operational Support

Investments in asset management, safety and security, communications, and other systems supporting operations



Technology and Innovation

Investments in technology to enhance productivity, modernize the system, and improve quality of service



Target investments to increase system capacity or multimodal options



Green Line Extension (GLX)

Extension of Green Line service from Lechmere to Somerville and Medford



Expansion Projects

Planning and design of targeted expansion projects identified as next priorities



South Coast Rail (SCR)

Extension of Commuter Rail service to Fall River, New Bedford, and Taunton on the South Coast



CIP Funding Sources | Overview

State



Bonds

- General obligation bonds and special obligation/revenue bonds
 - Special obligation bond programs include the Rail Enhancement Program (REP), the Rail Reliability Program (RRP), and the Station Accessibility and Resilience Program (STAR)

Commonwealth Match Fund

Supports pursuit of federal funding

Fair Share Funding

 State revenue designated for specific categories of transit investments

FTA Directive Response Funding

 Funding to support the MBTA's response to the FTA Safety Management Inspection

MBTA



Bonds

Taxable, tax-exempt, and sustainability bonds

Loans

 Build America Bureau (BAB) loans through TIFIA and RRIF

Operating Budget Transfer

 Funds transferred from MBTA's operating budget to the capital program

Capital Maintenance Fund (CMF)

 Authority's fund to be used at the discretion of the CFO

Federal



FTA Formula funds

- Urbanized Area Program (Section 5307)
- State of Good Repair (Section 5337)
- Buses and Bus Facilities (Section 5339)

Discretionary funds

 Competitive processes run by federal agencies. Funds included in the CIP after award.

Other



Reimbursables: Outside funds through partnerships and formal agreements



FY26-30 CIP Funding Sources | Initial Estimate



Source Highlights:

The overall level of available sources is expected to slightly increase when compared to the FY25-29 CIP. This is due to several factors:

- Federal funds increased significantly in FY26 in large part due to additional
 discretionary grant awards such as the North Station Draw 1 MEGA Grant
 (\$472M). FTA Formula Funding assumptions remain level beyond FY26 to
 account for uncertainty in Federal funding levels once the Bipartisan
 Infrastructure Law (BIL) expires.
- MBTA sources decreased significantly compared to FY25-29 programmed sources due to the spend-down of previously-issued bond funds in FY25 exceeding the issuance of new bond funds in FY26, as well as the drawdown of RRIF and TIFIA loan funds for Positive Train Control (PTC) and Fiber Resiliency.
- State funds increased significantly thanks to a substantial injection of \$601M in new RRP and STAR funding and an additional \$60M in Fair Share funding added for FY25. State source estimates are based on currently programmed funding only and do not assume future allocations.

| Source | FY25-29 | FY26-30 |
|---------|---------|---------|
| Federal | 38% | 41% |
| MBTA | 49% | 43% |
| State | 11% | 15% |
| Other | 1% | 1% |



Funding Sources | Federal Discretionary Grants

Since the passage of the BIL, the MBTA has been successful in 21 grant applications – winning more than \$830M in discretionary funding.

The MBTA continues to aggressively pursue funding opportunities to help close the capital funding gap and to supplement traditional formula funding by (1) proactively identifying grant opportunities, (2) identify a pipeline of competitive projects, and (3) develop strong applications.

The MBTA strives to pursue funding for projects that align with the MBTA's stated goals, strategic mission, and the 5-year CIP which is the MBTA's statement of priorities for capital investments.



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| Summary of Federal Grant Submissions FY22-25 | | | | | |
|--|-------------------|--------------------|------------------------------|---------------------------|------------------------|
| | Amount Awarded | Awards Received | Unsuccessful Applications | Submitted Applications | Submitted / Pending |
| FY22 | \$9.8M | 4 | 2 | 14 | |
| FY23 | \$199.7M | 7 | 12 | 17 | |
| FY24 | \$90.1M | 3 | 9 | 14 | |
| FY25 | \$535.1M | 8 | 4 | 7 | 3 |
| Total: | \$834.7M | 22 | 27 | 52 | 3 |

Notable Awards

Structures

- \$472M* awarded to support the replacement of Draw One Bridge
- MBTA's largest discretionary grant award to date

Bus Electrification

• \$156M (\$40M* in FFY25) for the purchase of battery-electric buses

System Accessibility and Passenger Facilities

- \$66.6M Symphony Station Accessibility Improvements Project
- \$67.6M* Accessibility Improvements for Green Line B & C Branches

System Safety

- \$2M* improve access and safety to JFK/UMass Station
- \$22.4M to directly support MBTA security programs
- \$4M* to develop a Rail Crossing Elimination Master Plan
- \$2.1M* to demonstrate collision avoidance technology on buses



CIP Funding Sources | Risks and Opportunities

Risks

- The Bipartisan Infrastructure Law (BIL) expires on September 30, 2026; Federal funding levels for both formula funding and discretionary grants will be dependent on Congress' passage of a new surface transportation authorization act
- The impact of current and future Executive and Congressional actions on transportation remain uncertain
- Currently, the MBTA has 128 federally-funded projects with \$1.23B in planned federal drawdowns of executed grants

Opportunities

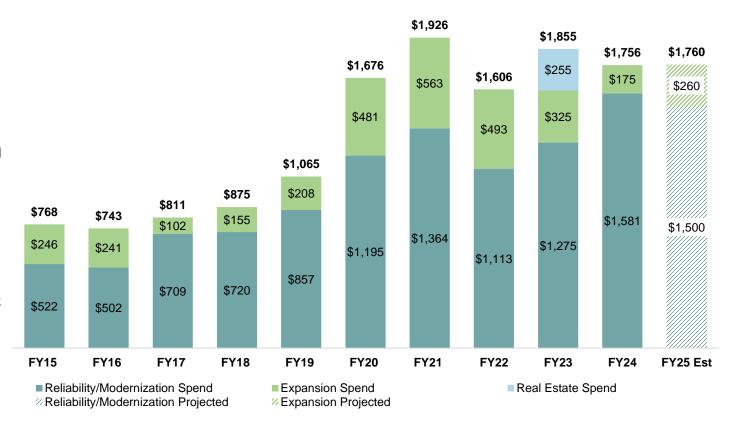
- The Commonwealth's commitment of recurring funding to the Commonwealth Transportation Fund (CTF) has unlocked borrowing capacity to support \$1.25B worth of projects at the MBTA and MassDOT over the next five years
- The Healey administration has included substantial additional funding for MBTA capital projects in their FY26 budget proposal and accompanying supplemental budget



Historical Capital Spending

- The MBTA continues to sustain an unprecedented level of investment focused on the safety and reliability of our system, the modernization of our assets and the strategic expansion of our network.
- From FY15 (\$768M) to FY24 (\$1,756M), capital spending more than doubled, reflecting a significant investment increase over the decade.
- FY24 saw a record \$1.5B spent on Reliability and Modernization programs and the third-highest level of capital spend overall in the past 10 years.

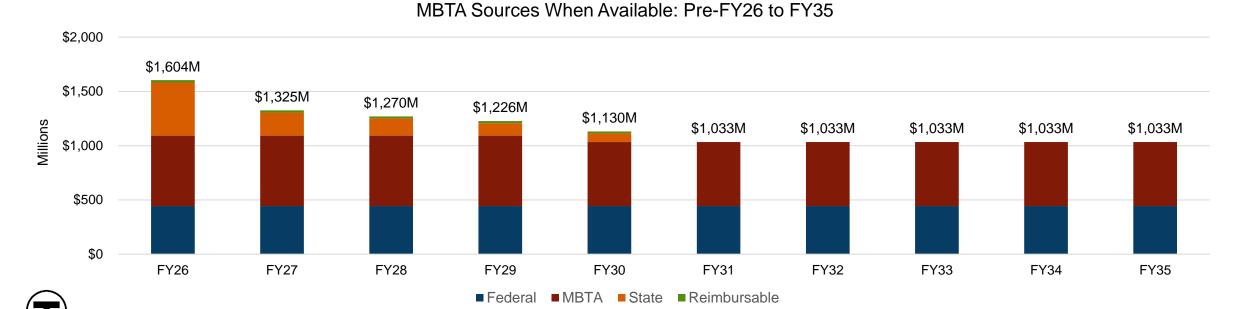
Actual and Projected Capital Spend FY15-25 (in millions)





Declining Capital Sources for SGR | 10 Year Outlook

- Current out-year source assumptions reflect a downward trend driven by an absence of state funds (as existing sources, which are tied to specific projects, continue to be drawn down), and a relatively flat level of MBTA revenue bond issuance (assumes \$650M annually from FY25-FY29, and \$590M beyond FY29, which accounts for the removal of the annual \$60M annual operating budget transfer in the FY25-29 CIP).
- Compared to previous 5-year windows, available State sources will increase substantially in the FY26-30 CIP thanks to an injection of \$601M in new RRP and STAR funding and an additional \$60M in Fair Share funding added in FY25. State source estimates are based on currently programmed or available funding only and do not assume future injections.
- The chart below represents the year in which sources become available to support reliability and modernization efforts, not necessarily the year in which funding will be spent.



State Sources: CTF Expansion and FY25 Fair Share Funding



MBTA Investments and Additional CTF Funds

The Commonwealth, with the support of Governor Healey and the Legislature, has dedicated significant recurring funding to the Commonwealth Transportation Fund to support increased borrowing for transportation projects.

The first funding transfer, approved by the MBTA Board in October, provided \$601M to the MBTA to initiate the following programs:

Rail Reliability Program (RRP)





Track work between Alewife & Porter during Red Line surge

Red Line vehicle at Park Street

- Ongoing implementation of the Track Improvement Program and future upgrades to, power, track and signal infrastructure
- Continued investment in fleet replacement, including projects funded through the Rail Enhancement Program

Station Accessibility and Resilience (STAR)





A Green Line train at Saint Paul Street station on the Green Line C Branch

A rendering of the new outbound Symphony station entrances

 Continued funding for accessibility and resiliency improvements at passenger facilities across the system



MBTA Investments and Additional CTF Funds

- The MBTA has undertaken an exercise to allocate RRP and STAR funding to specific projects, based on the identification of eligible project activities and the urgency of the need
- Because these funds were allocated to specific investment areas and are generally supporting urgent FY25 needs, the majority of the \$601M in new state funding is not included in the \$1B available to allocate through the FY26-30 CIP
- \$80M in new RRP funding will be programmed to projects identified in the MBTA's Power Master Plan (PMP) as part of the FY26-30 CIP development process

Projects receiving RRP and STAR funding include:

- CY24 Track Improvement Program
- CY25 Annual Programmed Maintenance
- Procurement of bi-level Commuter Rail coaches
- Accessibility upgrades at Green Line surface stations
- Symphony Station improvements
- Procurement of Red and Orange Line Vehicles



Fair Share Funding | FY24

• In FY24, the MBTA received \$180.8M in Fair Share funding for physical infrastructure improvements. The table below summarizes the use of these funds to date:

| Investment Category | FY24 Funding | Scope |
|--|--------------|--|
| Bridge Repair, Rehabilitation and Replacement | \$50M | \$50.0M for repair and rehabilitation of bridges on Commuter Rail's Fairmount Line |
| Station Improvements and Accessibility | \$70M | \$37.6M for Central Square Station Accessibility \$15.0M for free-standing mini-highs at CR stations \$10.5M for Ruggles Station Improvements \$3.5M for Natick Center Station Accessibility Project \$3.4M for systemwide elevator and escalator replacements |
| Red-Blue Connector | \$10.8M | \$10.8M for early design of the Red-Blue Connector |
| Commuter Rail System Infrastructure Improvements | \$20M | \$13.5M for track and signal improvements on the Framingham/Worcester Line \$6.5M for construction of new crossover near Worcester Union Station |
| Track and Signal Improvements on the Rapid Transit Network | \$30M | \$30.0M for Track Improvement Program work on the Green and Blue Lines |



Fair Share Funding | FY25

The MBTA received \$60M in FY25 Fair Share Funding:

- \$10M for climate resilience
- \$50M for physical infrastructure improvements

The MBTA is proposing to distribute the \$60M as follows:

- \$10M for climate resilience towards a project to upgrade pump rooms on the Blue Line
- \$15M for a program to construct new bus amenities and shelters across the system
- \$10M for priority traction power substation upgrades increasing capacity at Ashmont
- \$10M for projects to repair structure assets and improve employee safety
- \$15M for vital roof replacements at MBTA maintenance facilities



MBTA bus approaching bus stop with shelter



Blue Line Aquarium Station with flood planks deployed



Preparing the CIP



FY26-30 CIP | New Funding Requests

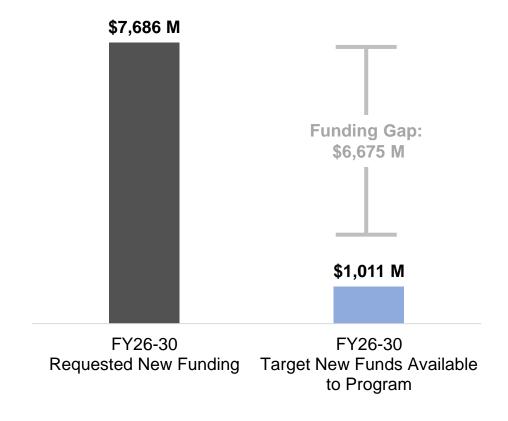
Funding requests vs Funding Availability

Total Project Requests and Funding Needs:

- 254 project requests received, totaling \$13,507M new funding requested.
- 192 requests advanced through departmental review, seeking \$8,612M in new funding.
- \$7,686M of the requested new funding falls within the FY26-30 window (\$4,522M for existing projects, \$3,165M for new initiatives).

Funding Availability and Gap:

- Based on an analysis of funding source availability, only \$1,011M in new funding is available to program to new and existing projects, far below the amount requested.
- Only 13% of requested funding can be met.





FY26-30 CIP Scorecard | Reliability and Modernization Projects

Scoring criteria and sub-criteria have remained consistent with the FY25-29 CIP Scoring update, which placed a holistic emphasis on Safety and Service Reliability and ensured alignment with the Strategic Goals of the MBTA.

| Criteria ¹ | Description | Sub-criteria | Scoring Weights |
|--|--|--|-----------------|
| State of Good Repair, Safety, and Security | The extent to which the project contributes to a State of Good Repair; alignment with asset management goals; addressing documented or identified safety issues and hazards; and addressing security vulnerabilities and risks | State of Good Repair Criteria (25%) Asset Condition (5 points) Safety Criticality (5 points) Safety and Security Criteria (15%) Impact on System Safety (7 points) Impact on System Security (3 points) | 40% |
| Service | The extent to which the project contributes to improved service reliability, decreases headways, and improves customer experience and ridership as per the MBTA's Service Delivery Policy | Operations and Maintenance (2 points) Impact on Ridership (2 points) Service Criticality (2 points) Impact on Service Reliability (2 points) | 20% |
| Sustainability and Resilience | The extent to which the project supports sustainability and climate mitigation, adaptation, and resilience, improves air quality and reduces greenhouse gases, and results in a reduction of pollution | Climate Vulnerability (4 points) Severe Weather Resiliency (2 points) Air Quality and GHG Reduction (2 points) Reduce Pollution and/or Natural Resource Consumption (2 points) | 15% |
| Equity | The extent to which the project equitably distributes economic, social, and health benefits to residents and removes barriers to accessibility through the MBTA system | Benefits to Ridership Equity (4 points) Benefits to Justice 40 Disadvantaged Communities (2 points) Benefits to Accessibility (2 points) Benefits to EJ and Title VI Communities (2 points) | 15% |
| Economic Vitality | The extent to which the project supports abundant housing and job growth in the Commonwealth | Impact on Communities with Transit-Supportive Land Use (5 points) Impact on Housing Choice Communities (5 points) | 5% |
| Financial Sustainability | The extent to which the project impacts operating costs and revenues and maximizes the return on the public's investment | Impact on Operating Costs (5 points)Impact on Operating Revenues (5 points) | 5% |



1 Criteria and scoring weights listed are for Reliability/Modernization projects in all CIP Programs outside of Tech and Innovation, which is scored separately and in conjunction with the IT Governance Committee. Expansion projects are scored using separate scoring weights.

Choose Transit: Full T Ahead

People moving people. Delivering meaningful results.



Robust, Reliable, all-day, frequent service.



Timely and appropriate maintenance with less rider impact.



Accessible, safe, modernized, multimodal system.



Real-time information and communication.



A transit network that serves the changing needs of today and builds for the future.

Aligning our resources.





Context for the FY26-30 CIP

Increased Support from the Commonwealth

- By leveraging Fair Share amendment revenues to unlock increased borrowing capacity, the Commonwealth created the Rail Reliability
 Program (RRP) and the Station Accessibility and Resilience program (STAR). Together, these programs dedicate \$601M to the MBTA over the next five years.
- Additionally, Governor Healey released a historic plan to invest \$8 billion in transportation over the next 10 years, including substantial funding for MBTA capital and operations. This plan will be filed as part of the Governor's FY26 budget proposal and accompanying supplemental budget.



Completion of the Track Improvement Program

By the end of 2024, the MBTA completed its **Track Improvement Program** (**TIP**), eliminating slow zones for the first time in 20 years. The program removed **220+ speed restrictions**, replaced **250,000 feet of rail**, and saved riders **2.4 million minutes daily**, boosting the economy by **\$1 million each day**.





Context for the FY26-30 CIP

Ongoing Initiatives



Advancing bus
electrification with
Battery Electric Buses
(BEBs), modernized
facilities, and expanded
charging infrastructure for
a zero-emissions fleet.



The Bus Network
Redesign (BNR),
launched in December
2024, improves
frequency, accessibility,
and efficiency, with
further expansions
planned through 2029.



Upgrading Green Line B and C Branch stations for full ADA compliance. Currently in design, with completion expected in Winter 2026 for the C Branch and Winter 2028 for the B Branch.



Annual Programmed
Maintenance (APM)
track program, further
enhancing the condition
of rapid transit track
improvements made in
2024.



The North Station Draw
One Bridge
Replacement, now at
75% design, enhances
safety, capacity, and
reliability with the
support of a \$472.3M
federal grant.



Rail Modernization initiatives, including Fairmount Line electrification infrastructure to deliver 20-minute service with Battery Electric (BEMU) trains by 2028 and eliminate train emissions.



Infrastructure and accessibility improvements to the ferry system, including upgrades to the **Hingham Ferry** Dock, supporting expanded **ferry service**.



Timeline

- March Draft CIP brought to Board, launching public comment period
- April Public Meetings and Public Comment
- May Final CIP brought to MBTA Board for approval

All materials are posted on MBTA.com

M.G.L. c. 161A sec. 5 (g) requires that the MBTA share the adopted CIP with the MBTA Advisory Board by May 15th.



Appendix



Funding Source | Federal Formula Funding

Section 5307 - Urbanized Area Formula Grants

Description

Funds made available for transit capital and operating assistance in urbanized areas with a population of 50,000 or more.

Eligible Activities

Broad eligibility for transit capital projects. Includes planning, design, and engineering activities, bus and fixed-guideway (rail) capital investments, vehicle investments, track, signals and power.

Because Boston is an urbanized area with a population >200,000, the MBTA is not able to use 5307 funds for operating assistance.

Annual Apportionment (FFY24 Estimates)

\$339.9M in FFY24

The entire Boston region receives more than this annually as funds are split between the MBTA and other RTA's within the Boston UZA.

Projects currently programmed on the FFY25-29 TIP

- Elevator Program Multiple Location Design (P0075)
- Green Line Type 10 Light Rail Fleet Replacement (P0369)
- Procurement of Enhanced Electric Hybrid Buses (P0618)
- Quincy Bus Facility Modernization (P0671a)
- Bridge Program Pipeline (P1107)
- Signal Program Red/Orange Line (P0285)



Funding Source | Federal Formula Funding

Section 5337 - State of Good Repair

Description

Provides capital assistance for maintenance, replacement, and rehabilitation projects of high-intensity fixed guideway and bus systems to help transit agencies maintain assets in a state of good repair. Additionally, SGR grants are eligible for developing and implementing TAM plans.

Eligible Activities

SGR projects related to fixed guideway (rail) or bus systems, including rehabilitation or replacement of assets.

Does not fund modernization or expansion activities, although some projects which fall under our "modernization" category are eligible for 5337 funds.

Section 5307 and 5337 Federal Formula funds can be applied to eligible preventative maintenance expenses on the operating budget.

Annual Apportionment (FFY24 Estimates)

\$653.8M in FFY24

Funds are allocated based on revenue miles and route miles reported to NTD.

Projects currently programmed on the FFY25-29 TIP

- Bridges Design (P0009)
- Green Line Central Tunnel Track and Signal (P0591)
- Systemwide SCADA Equipment Upgrade (P1213)
- North Station Draw 1 Bridge Replacement (P0018)
- Fairmount Line Infrastructure for Decarbonized Service (P1315)
- Worcester Line Track and Station Accessibility Improvements (P0261)
- Codman Yard Expansion and Improvements (P0679)



Funding Source | Federal Formula Funding

Section 5339 – Bus and Bus Facilities

Description

Funds to replace, rehabilitate, and purchase buses and related equipment, and to construct bus-related facilities

Eligible Activities

Capital projects to replace, rehabilitate, and purchase buses, vans, and related equipment, and to construct bus-related facilities.

Includes technological changes or innovations to modify low or no emission vehicles or facilities.

Annual Apportionment (FFY24 Estimates)

\$12.1M in FFY24

Projects currently programmed on the FFY25-29 TIP

- Hybrid Bus Overhaul (P0911)
- CNG Bus Overhaul (P1154)



Funding Sources | State Funding

- Historically, the Commonwealth has provided the MBTA funding tied to specific uses, which in most cases are large infrastructure
 projects like Green Line Extension or South Coast Rail, or to significant agency initiatives such as FTA special directive response.
- The FY25-29 CIP will reflect the following Commonwealth sources:

Bond Cap/REP/Other Agreements

Funding Source Description

- State Bond Cap refers to general obligation bonds backed by the Commonwealth's revenues, which currently provide a small amount of funding to the MBTA
- The Rail Enhancement Program (REP) provides for the issuance of special obligation bonds to fund MBTA capital expenditures and for other rail improvements in the Commonwealth.
- Both sources are appropriated through a Transportation Bond Bill, and allocated to specific projects through the State's Capital Budget process, which is managed by A&F
- Other Inter-Agency Service Agreement (ISA's) have been established with the Commonwealth to provide funds to support other projects, including projects resulting from state earmarks

Current Uses

 REP funds support major initiatives such as Red Line/Orange Line Infrastructure Improvements at Cabot and Wellington Yards, Red/Orange Line Vehicle Procurements, South Coast Rail, and GLX, as well as other smaller projects.

FTA Directive Response Funding

Funding Source Description

- The Commonwealth has committed to providing the MBTA a total of \$378M to support the Authority's response to the FTA Safety Management Inspection and subsequent special directives:
 - \$266 million from the State's FY23 budget
 - \$112 million from the FY22 Closeout Supplemental Budget/Economic Development Bill
- This funding is meant to support both operating and capital expenses related to FTA directive response

Current Uses

 Funding is currently tied to specifically identified scopes of work developed to enact Corrective Action Plans (CAPs)

Fair Share Funding

Funding Source Description

- The "Fair Share Amendment" was approved in November 2022 and applies a new 4% surtax on income above \$1M, with revenue specifically dedicated to education and transportation
- In FY24, the MBTA received a portion of this revenue designated for specific types of infrastructure improvements

Current Uses

- Per the FY24 Commonwealth budget, the MBTA's portion of Fair Share funding is required to be spent on the following areas:
 - Bridge Repair, Rehabilitation and Replacement
 - Station Improvements and Accessibility
 - Red-Blue Connector: Advancing to 30% design
 - Commuter Rail System Infrastructure Improvements
 - Track and Signal Improvements on the Rapid Transit Network

Funding Sources | MBTA Funding

 MBTA-generated sources account for almost half of the five-year CIP, based on FY24-28 CIP programmed amounts and come from a variety of sources, including:

MBTA Bonds/Loans

MBTA Revenue Bonds

- The MBTA issues its own bonds, secured against guaranteed sales tax revenue, to fund almost half of the five-year CIP
- MBTA bond funding can be used on any capital project at the authority's discretion, and can also be used to provide matching funds for federal grants (discretionary or formula funds)
- The FY25-29 CIP is expected to assume an annual issuance of \$650M in MBTA bonds per year, reflecting an increase from the FY24-28 CIP.
- Debt service on revenue bonds is paid out of the operating budget therefore the higher the level of bond issuance, the greater the impact on the operating budget

Loans

- The MBTA is eligible to seek and has received loans from the Build America Bureau (through the Railroad Rehabilitation & Improvement Financing (RRIF) and Transportation Infrastructure Finance and Innovation Act (TIFIA) programs) which can have more favorable terms than loans available through the private market
- Loans currently support PTC, ATC, and Fiber Optic Resiliency projects, and may be used to support additional projects in the future

Operating Budget Transfer

- Current FY25-29 CIP source assumptions are no longer expected to include \$60M/year transferred from the operating budget to the capital budget, due to operating budget needs and constraints.
 - The MBTA anticipates increasing its bonding by \$60M to maintain CIP funding levels.
- These funds had previously been used in lieu of MBTA revenue bonds, either to fund capital projects or as local match for federally funded projects

Capital Maintenance Fund (CMF)

- This is a limited fund held by the authority to be used at the discretion of the CFO
- This fund is generally used only for urgent/emergency needs that arise during the fiscal year
- CMF funding is not allocated during the annual CIP development process but is rather distributed via in-year CIP changes to address urgent needs

