

Federal Fiscal Years (FFYs) 2027-31 Transportation Improvement Program (TIP) Scored Project Descriptions

*An overview of projects newly seeking funding through the
FFYs 2027-31 TIP*

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Abbreviations

Abbreviation	Term
ADA	Americans with Disabilities Act
CATA	Cape Ann Transportation Authority
CNG	Compressed Natural Gas
CR	Commuter Rail
DCR	Massachusetts Department of Conservation and Recreation
FFY	Federal Fiscal Year
MAPC	Metropolitan Area Planning Council
MassDOT	Massachusetts Department of Transportation
MBTA	Massachusetts Bay Transportation Authority
MWRTA	MetroWest Regional Transit Authority
PATI	Program for Accessible Transit Infrastructure
PINFO	MassDOT Project Information System
PRC	MassDOT Project Review Committee
TFPC	Total Federal Participating Cost
TIP	Transportation Improvement Program
USS	Unit Substation

Section 1—Core Investment Programs

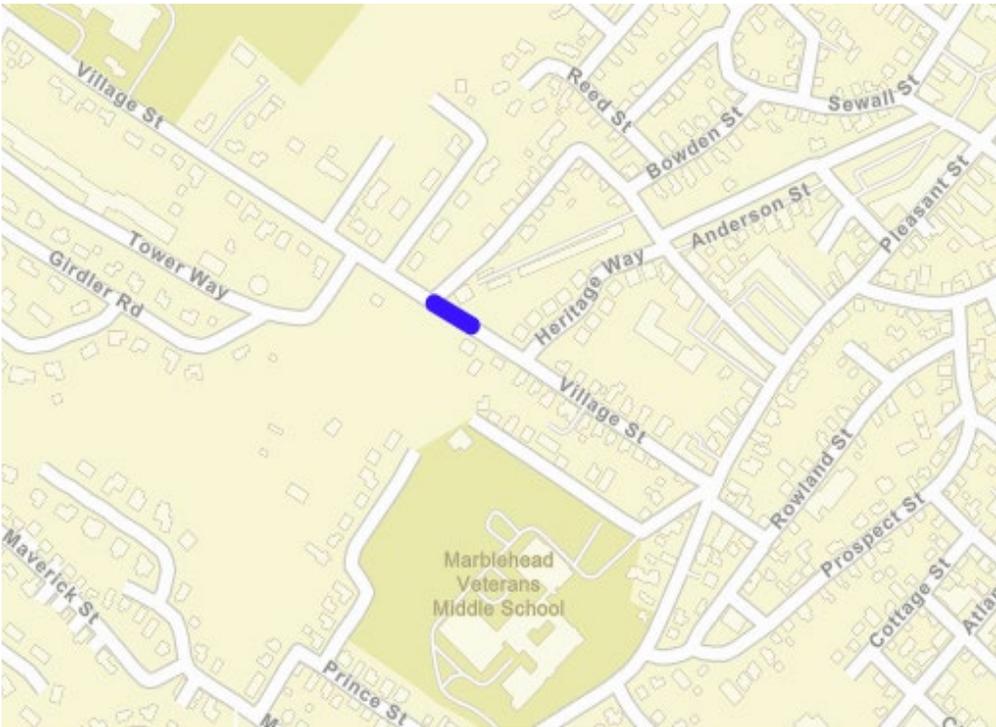
1.1 CONSTRUCTION

1.1.1 Marblehead- Village Street Bridge Replacement M-04-001

Project ID: 612947
 Proponent: Marblehead
 Score: 44.4
 TFPC: \$6,982,852.15 (from PINFO)
 Design Status: 25 percent comments (12/12/2026)
 Readiness Policy Year: FFY 2030
 MassDOT TIP Readiness Year: FFY 2030

Project Description: This project will replace the aging bridge on Village Street over the Marblehead Rail Trail and add an ADA compliant pedestrian ramp from Village Street to the rail trail.

Figure 1
Location of Project 612947



1.1.3 Chelsea- Everett- Reconstruction of Vine Street and Third Street, from Chelsea Street to MBTA Station

Project ID: 613585

Proponent: Everett

Score: 67.1

TFPC: \$13,328,190 (from PINFO)

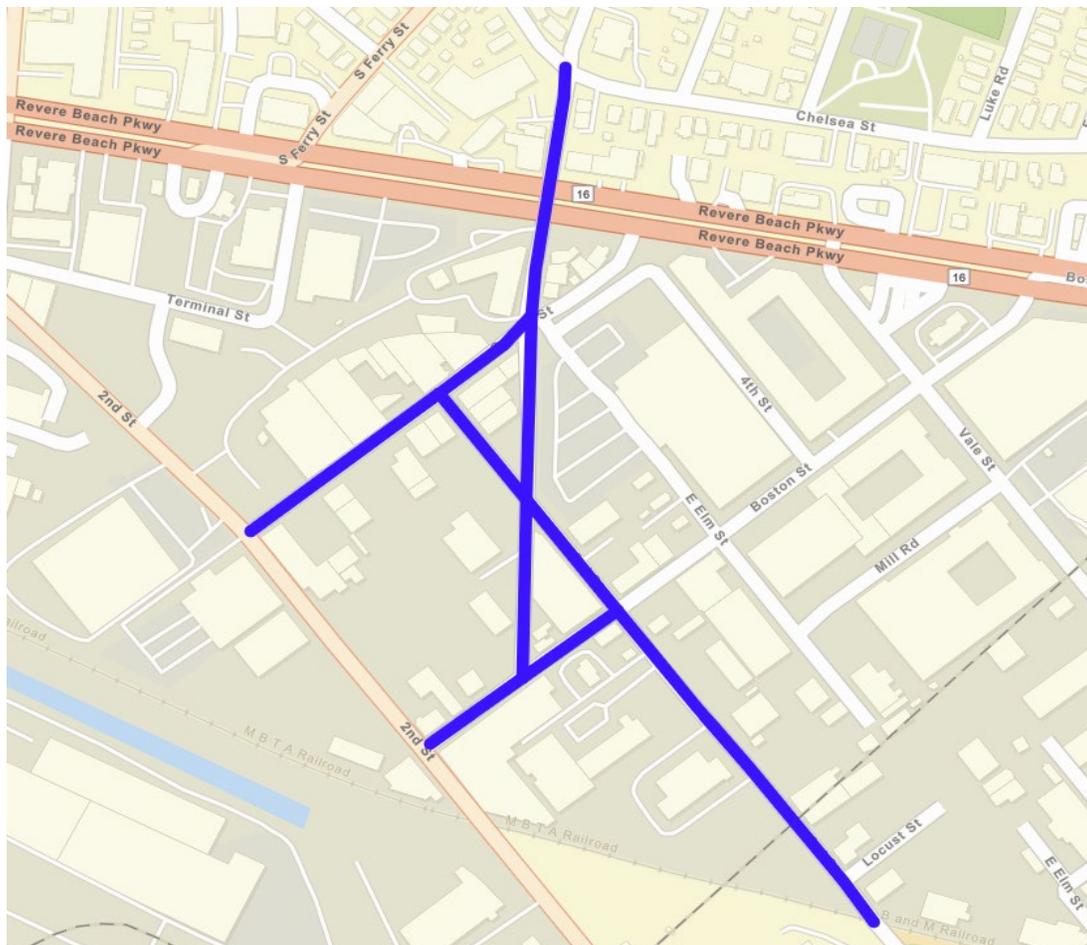
Design Status: 25 percent submitted (11/05/2026)

Readiness Policy Year: FFY 2031

MassDOT TIP Readiness Year: FFY 2030

Project Description: This project will construct sidewalks and raised bicycle lanes on Vine Street and Third Street, creating a safe pedestrian and bicycle connection to the Silver Line MBTA stop and the Chelsea commuter rail station.

Figure 3
Location of Project 613585



1.1.4 Concord- Assabet River Multi-Use Trail and Bridge Construction

Project ID: 612870

Proponent: Malden

Score: 59.9

TFFPC: \$20,644,178 (from PINFO)

Design Status: 25 percent submitted (01/15/2026)

Readiness Policy Year: FFY 2031

MassDOT TIP Readiness Year: FFY 2031

Project Description: This project will construct a new bridge carrying a shared-use path over the Assabet River, connecting the West Concord commuter rail station and the Bruce Freeman Rail Trail with a nearby office park.

**Figure 4
Location of Project 612870**



1.1.5 Malden- Broadway Reconstruction, Everett to Melrose City Line

Project ID: 613244

Proponent: Malden

Score: 78

TFFC: \$31,600,965.80 (from PINFO)

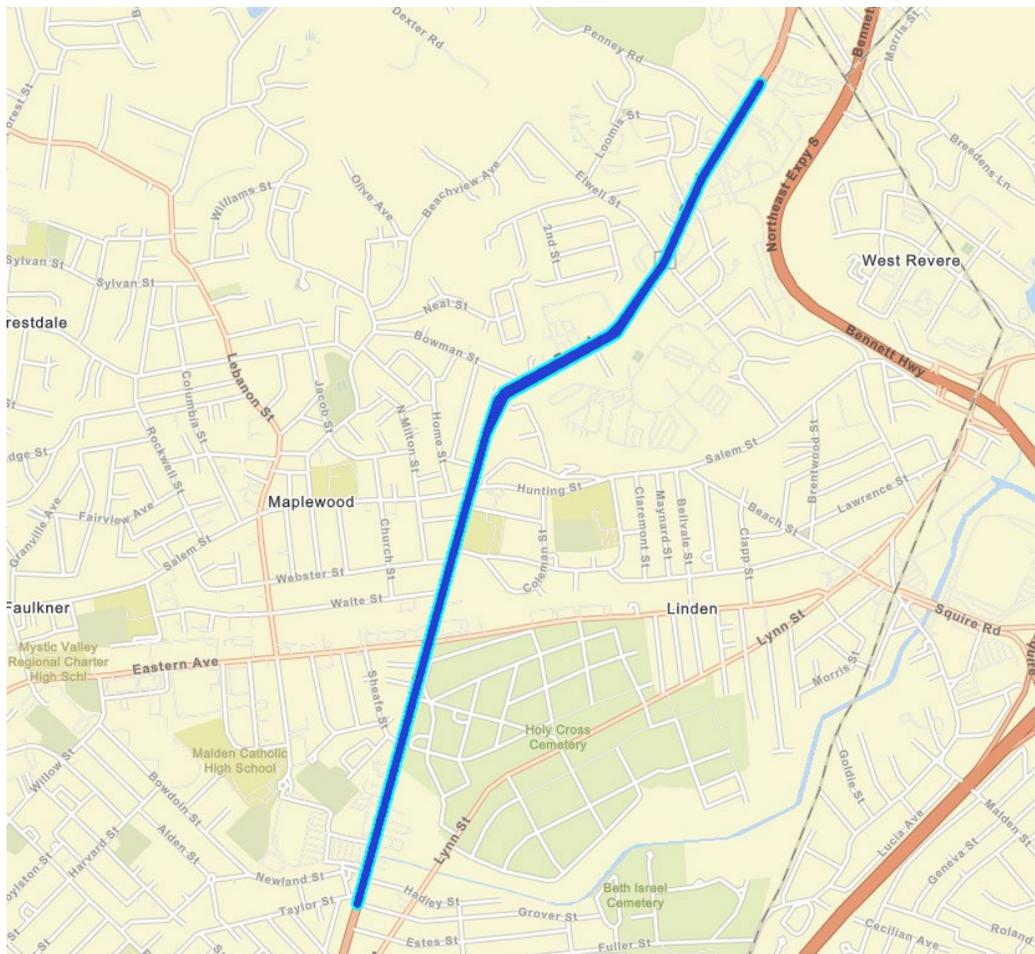
Design Status: 25 percent submitted

Readiness Policy Year: FFY 2031

MassDOT TIP Readiness Year: unknown

Project Description: This project will reconstruct the entire 1.7-mile corridor of Broadway (Route 99) within the City of Malden. Improvements will include new concrete sidewalks throughout the corridor, including where there are currently none, 19 new crosswalks, buffered bike lanes, traffic calming, new bus stops, and new turning lanes.

**Figure 5
Location of Project 613244**



1.1.6 Wakefield- Comprehensive Downtown Transportation Improvements

Project ID: 613145

Proponent: Wakefield

Score: 63.8

TFPC: \$32,300,000 (from TIP application)

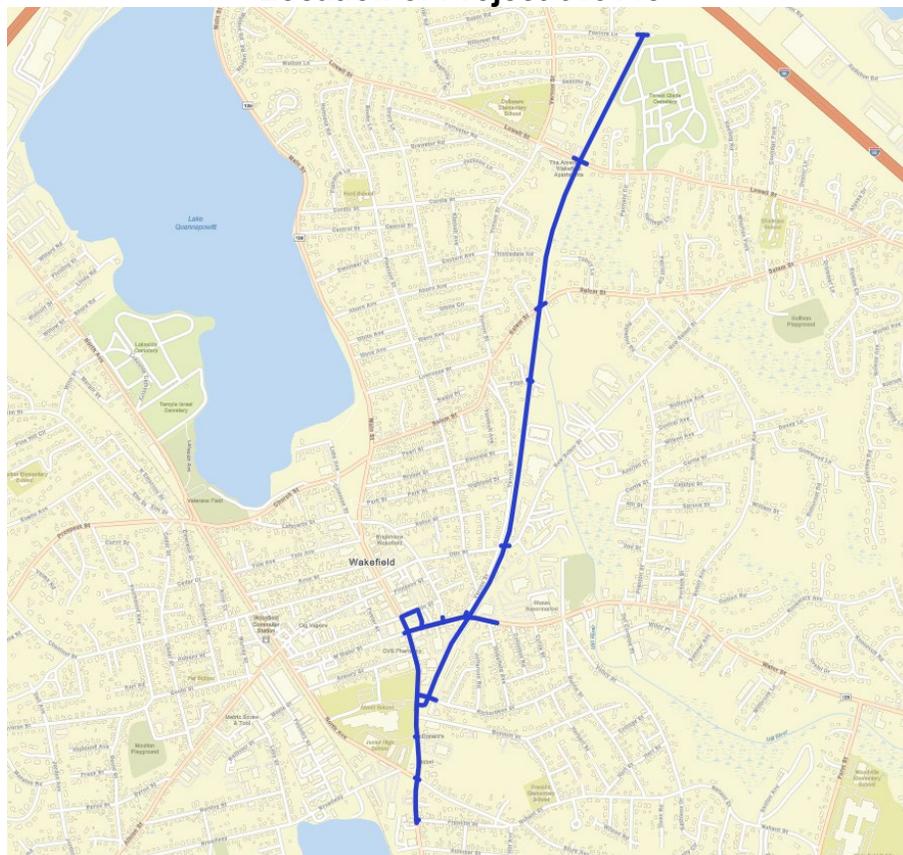
Design Status: Pre-25 percent submitted

Readiness Policy Year: FFY 2031

MassDOT TIP Readiness Year: unknown

Project Description: This project will provide operational and safety improvements along the Main Street and Water Street corridors in downtown Wakefield. Full-depth pavement reconstruction, reconfiguration of on-street parking, new bicycle facilities and refurbished sidewalks, reconstructed bus stops, and traffic signal reconstruction are included. In addition, a rail trail will be constructed between Main Street and Fosters Lane. This project will connect to the Main Street Reconstruction project (project ID 610545), which was programmed on the FFYs 2026–30 TIP in FFY 2028.

Figure 6
Location of Project 613145



1.1.7 Needham- Newton- Bridge Replacement on Christina Street

Project ID: 613594

Proponent: Newton

Score: 74

TFFPC: \$5,551,514 (from TIP application)

Design Status: Pre-25 percent submission arriving in February

Readiness Policy Year: FFY 2031

MassDOT TIP Readiness Year: FFY 2032 or beyond

Project Description: This project will replace a deteriorating railroad bridge over the Charles River. The new bridge will carry a shared-use path connecting Christina Street on the Newton side with the Blue Heron Trail on the Needham side.

Figure 7
Location of Project 613594



1.1.8 Cambridge- New Bridge and Shared-Use Path Construction over Fitchburg Line at Danehy Park Connector

Project ID: 613568

Proponent: Cambridge

Score: 85.3

TFPC: \$18,238,535 (from TIP application)

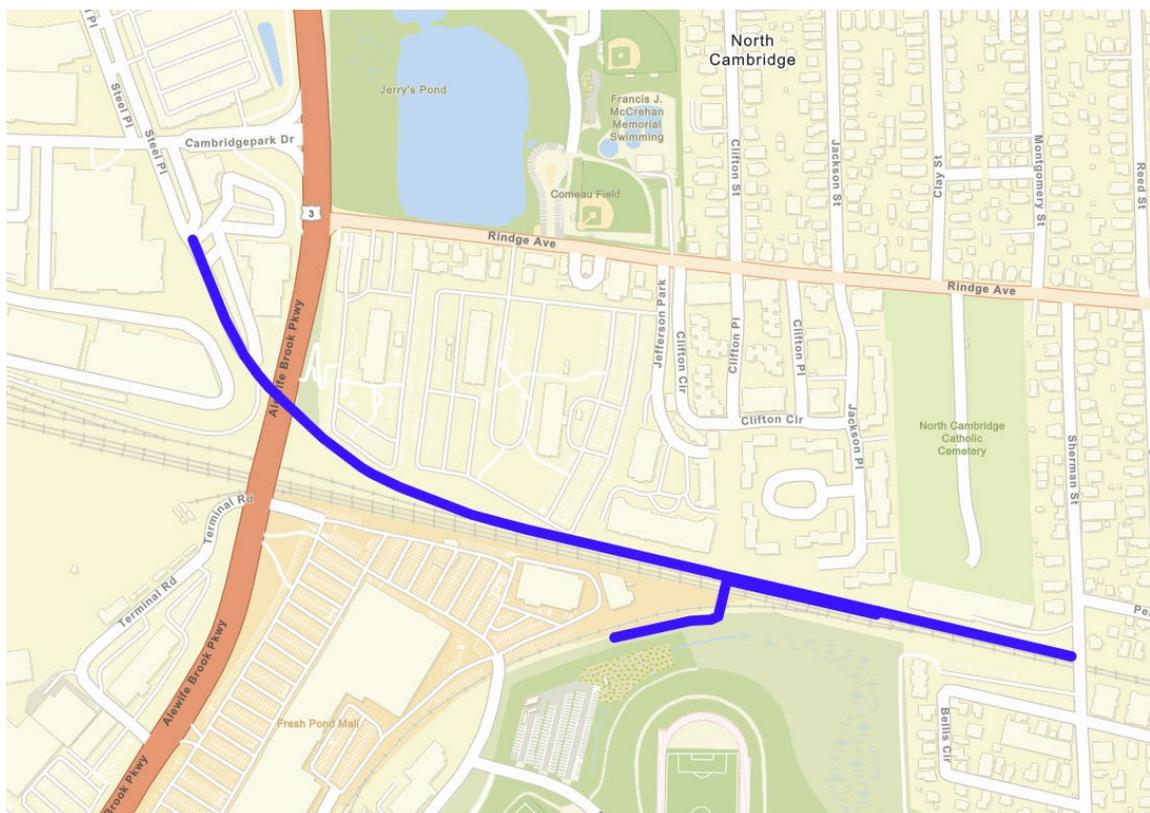
Design Status: PRC Approved

Readiness Policy Year: FFY 2032 and beyond

MassDOT TIP Readiness Year: FFY 2032 and beyond

Project Description: This project will construct a new bridge carrying a shared-use path over the MBTA Fitchburg Line between New Street and Sherman Street. The path will connect to Danehy Park, Sherman Street, Alewife Station, and the North Cambridge residential neighborhoods.

**Figure 8
Location of Project 613568**



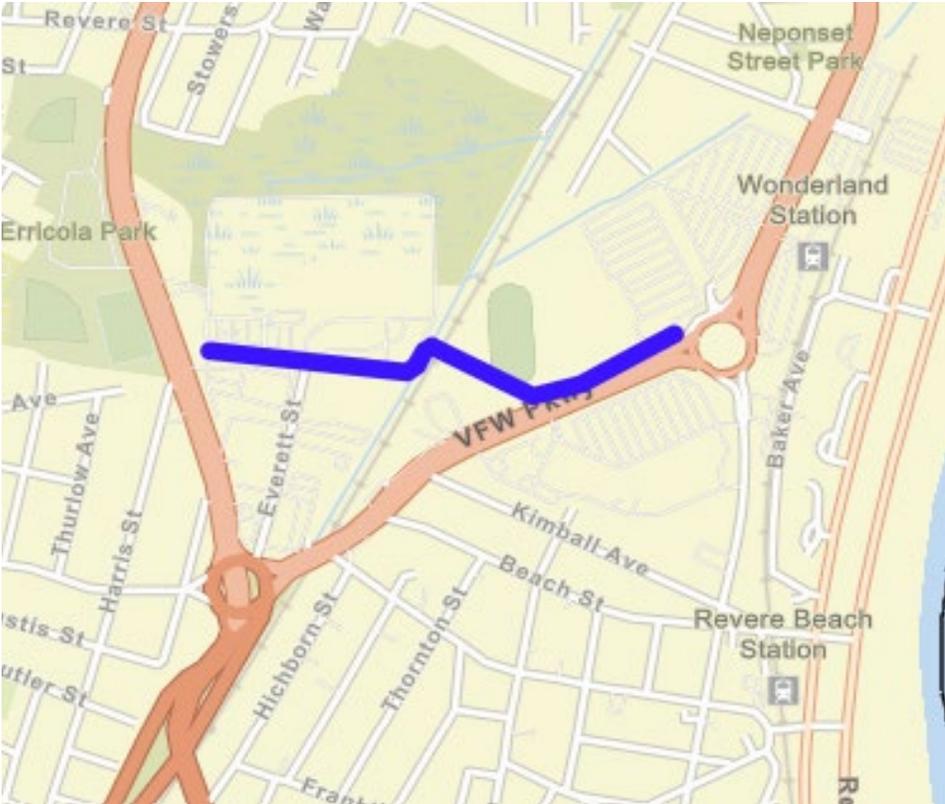
1.2 DESIGN

1.2.1 Revere- Revere Beach Connector (Design Only)

Project ID: S13406
 Proponent: Revere
 Score: 71.4
 TFPC: \$400,000 (from TIP application)
 Design Status: Preliminary Design

Project Description: This project involves the design of a safe and accessible pedestrian and bike connection between the new Revere High School campus, Wonderland Park, and the surrounding neighborhoods. This project aims to evaluate a range of improvements, including enhanced sidewalk networks, shared-used paths, safer pedestrian crossings, potential grade-separated connections, and a crossing underneath the commuter rail tracks. Design funds are being requested to supplement the City of Revere’s “Reconnecting Communities” planning grant award from the US Department of Transportation.

Figure 9
Location of Project S13406



Section 2—Transit Transformation

2.1 MBTA

MBTA projects were ranked on a tiered system of one to six by MBTA staff, with one being the most urgent and six being the least.

2.1.1 Symphony Station

Rank: 1

Project ID: S13393

Score: 50.6

TFPC: \$35,000,000

Readiness Policy Year: FFY 2026

Status: Funded project

Project Description: This project will deliver four new accessible elevators, raised platforms for faster and easier boarding, accessible bathrooms, and improved wayfinding, lighting, and safety features at Symphony Station. Service will bypass the station for approximately 32 months. There are several large cost drivers for this project which have emerged during planning, including substantial utilities work and earthworks.

2.1.2 Downtown Crossing Vertical Transportation Improvements Phase 2

Rank: 1

Project ID: S13394

Score: 42.6

TFPC: \$15,000,000

Readiness Policy Year: FFY 2026

Status: Funded project

Project Description: This project involves the design and construction of three new elevators to provide vertical transfers from the Red Line northbound to the Orange Line southbound platform, and from the Orange Line northbound to the Red Line southbound platform at Downtown Crossing.

2.1.3 High Priority Stations Accessibility Improvements Program

Rank: 1

Project ID: S13402

Score: 44.8

TFPC: \$18,000,000

Readiness Year: FFYs 2027–31

Status: Funded project

Project Description: This project involves the design and construction of short-term solutions at several inaccessible commuter rail stations, including Wellesley Hills, Melrose Cedar Park, and Belmont. Accessibility solutions include the construction of freestanding mini-high-level platforms, restoration of detectable warning edges, and accessible path upgrades.

2.1.4 Locomotive Procurement

Rank: 1

Project ID: S13400

Score: 41

TFPC: \$50,000,000

Readiness Year: FFYs 2027–31

Status: Proposed continuation (operations)

Project Description: This project funds the procurement of new commuter rail locomotives to replace the oldest vehicles in the MBTA fleet. In alignment with Full T Ahead, CR capital projects are focused on the near- and long-term actions that will get riders where they need to go reliably and efficiently. These capital projects lay the foundation for a modernized system carrying frequent and reliable all-day service. Replacing and overhauling the aging rail fleet is critical to Regional Rail service goals and advancing decarbonization on the system.

2.1.5 North Station Rapid Transit Flooring Replacement

Rank: 1

Project ID: S13420

Score: 36.8

TFPC: \$10,253,005

Readiness Year: FFYs 2027–31

Status: New project

This project involves stabilization of the existing station flooring at the inbound platforms of the Green and Orange Lines, and at various locations throughout the

concourse level, and an analysis of the root cause(s) of the existing terrazzo failures to inform design of full flooring replacement.

2.1.6 Franklin Line Double Track Improvements - Phase 3

Rank: 2

Project ID: S13397

Score: 43.6

TFPC: \$45,000,000

Readiness Year: FFYs 2027–31

Status: Funded project

Project Description: This project involves the construction of double track segments between Franklin and Norwood Central Stations to create a continuous second track, enhancing capacity and service reliability. This project builds on earlier phased improvements on the Franklin Line.

2.1.7 Unit Substation Upgrade/Replacement

Rank: 2

Project ID: S13398

Score: 45.4

TFPC: \$16,000,000

Readiness Year: FFYs 2027–31

Status: Funded project

Project Description: This project includes design and construction to replace existing power and electrical equipment at two unit substation (USS) locations, including AC feeder disconnect switches and the development of a USS design guide. Unit substations have been identified and prioritized for upgrades and replacement through MBTA master planning efforts and asset condition inventory.

2.1.8 Haverhill Line Double Track Improvements

Rank: 2

Project ID: S13399

Score: 43.8

TFPC: \$7,500,000

Readiness Year: FFYs 2027–31

Status: Requested project

Project Description: This project involves planning and design of double track segments and second platforms at various stations on the Haverhill Line. This

project will increase capacity of the Haverhill Line thus improving the reliability of intercity passenger rail service for all users (Amtrak, CSX, and the MBTA) and allowing for increased service frequency. Phase 1 will complete a 1.8 mile segment of second track through Ballardvale Station and add second platforms at both Ballardvale and Andover Stations. Phase 2 will construct a second track for 6.3 miles from Reading to Wilmington Junction with second platforms added at Reading and North Wilmington Stations.

2.1.9 Operational Enhancement of Bus Routes 714 and 716

Rank: 3

Project ID: S13395

Score: 34.8

TFPC: \$1,575,000

Readiness Year: FFYs 2027–31

Status: Proposed continuation (operations)

Project Description: This project includes a second year of funding for a project to enable expanded service hours and frequency for MBTA bus Routes 714 and 716, serving the communities of Boston (Mattapan), Canton, Hingham, Hull, and Milton. Improvements include reduced headways, Sunday service for the Route 716 bus, and new or improved first-and-last-mile connections to commuter rail stations (Nantasket Junction and Canton Center) and state parks.

2.1.10 Bus Priority and Accessibility Improvements

Rank: 3

Project ID: S13396

Score: 53.6

TFPC: \$6,000,000

Readiness Year: FFYs 2027–31

Status: Proposed continuation

Project Description: This project will fund ongoing construction of safety and accessibility improvements from among 87 high-priority bus stops that are in the design phase. Specific stops will be constructed based on progress in design, constructability, permitting, and coordination with municipalities, MassDOT, and DCR, which are partners and property owners for these bus stops. These stops were identified and prioritized through the Program for Accessible Transit Infrastructure (PATI).

2.1.11 Better Bus Project - Operational Safety Improvements at Bus Stops

Rank: 3

Project ID: S13401

Score: 44.6

TFPC: \$1,575,000

Readiness Year: FFYs 2027–31

Status: Proposed continuation

Project Description: This project involves building or improving bus stop curbs, sidewalks, signage, markings, and shelters where conditions are unsafe, inaccessible, or in a poor state of operation or repair. Examples include unmarked flag stops and stop relocations that create hazards. This project will fund planning, municipal and community engagement, design, construction, and activation of at least 35 new bus stops or bus stop improvements.

2.1.12 Silver Line Tunnel Flood Mitigation

Rank: 4

Project ID: S13404

Score: 47.8

TFPC: \$15,520,000

Readiness Year: FFYs 2027–31

Status: Funded project

Project Description: This project includes the design and construction of flood mitigation efforts in the Silver Line tunnel between Courthouse Station and the D Street portal. This project will protect multiple assets with identified vulnerabilities against future flood events and mitigate potential disruption to service from flood events.

2.1.13 Blue Line Tunnel Airport Flood Mitigation

Rank: 6

Project ID: S13405

Score: 51.6

TFPC: \$22,577,097

Readiness Year: FFYs 2027–31

Status: Funded project

Project Description: This project provides floodgates to the entrance of the Blue Line tunnel at the Airport Station portal to prevent flooding at an MBTA asset

significantly vulnerable to flooding. The project includes upgrades to pump rooms and traction power systems, a new third rail between Airport and Wood Island, and removal of overhead catenary between Maverick and Airport Stations.

2.2 MWRTA

2.2.1 Procurement of 10 Compressed Natural Gas (CNG) Vehicles

Project ID: S13390

Score: 49.5

TFPC: \$3,400,000

Readiness Year: FFY 2026

Project Description: Awarded funds will allow for the procurement of additional fully accessible, heavy-duty 30-foot compressed natural gas (CNG) transit buses. Acquired vehicles will supplement the deployment of larger-capacity transit buses throughout high ridership routes, procured via federal and state funding sources. This request is a continuation of a past TIP project (S12972), funded through FFYs 2025–29 TIP Amendment 10.

2.2.2 Construction of Vehicle Maintenance and Fueling Facility

Project ID: S13391

Score: 55.6

TFPC: \$38,000,000

Readiness Year: FFYs 2027–28

Project Description: This project involves the construction of a modern, purpose-built Vehicle Maintenance and Fueling Facility adjacent to the Blandin Hub operations headquarters in Framingham, Massachusetts. Infrastructure will support routine vehicle maintenance, inspections, and repair across MWRTA's growing and increasingly diverse fleet. In addition, the facility can allow for the on-site generation, storage, and dispensing of multiple fuel types. This project is scalable to include either on-site hydrogen generation, on-site hydrogen storage, or the ability to future proof the authority to position itself for hydrogen fuel in the future.

2.2.3 MWRTA- Procurement of Hydrogen Fuel Cell-Powered Transit Vehicles

Project ID: S13392

Score: 50.8

TFPC: \$15,000,000

Readiness Year: FFY 2029

Project Description: This project involves the acquisition of fully accessible, heavy duty transit vehicles powered by hydrogen fuel cell technology. Vehicles will be acquired following construction of the Authority's multi-purpose Vehicle Maintenance and Fueling Facility adjacent to its Blandin Hub headquarters in Framingham, Massachusetts. This facility will be specifically designed to store, service, and fuel the Authority's diverse vehicle types powered by multiple propulsion sources.

2.3 CATA

2.3.1 CATA Access for All

Project ID: S13388

Score: 39.8

TFPC: \$371,008

Readiness Year: FFY 2027

Project Description: CATA Access for All aims to sustain and provide support to several smaller programs at CATA. These programs are designed to enhance mobility and provide various services, including transportation for medical appointments, recreational activities, food delivery, and more for seniors, individuals with disabilities, and low-income individuals. The overall goal is to support CATA communities with improved accessibility to programs and mobility options.

2.3.2 Cape Ann Dialysis Transportation

Project ID: S13389

Score: 39.8

TFPC: \$371,008

Readiness Year: FFY 2027

Project Description: The project will continue dialysis transportation services for elderly individuals and people with disabilities throughout CATA's service area, ensuring greater mobility and access to health care for CATA communities. If

staffing allows, CATA will provide a transfer to/from The RIDE (MBTA) for ADA customers.

2.3.3 Magnolia Shuttle

Project ID: S13412

Score: 28.6

TFPC: \$193,208.23

Readiness Year: FFY 2027

Project Description: This funding would support a seasonal shuttle providing service between the Gloucester commuter rail station and Magnolia Village (and potentially Manchester commuter rail station, depending on timing and community feedback). The shuttle would initially run Saturdays, Sundays, and holidays from the third weekend in June through Labor Day Monday, from 9AM to 5 PM. There is no service to Magnolia on Sundays and holidays; Saturday headways are 120 minutes (2 hours). Areas of interest along the route include Ravenswood Park, the Village of Magnolia, and Hammond Castle.

2.3.4 Vehicle Replacement

Project ID: S13413

Score: 21.6

TFPC: \$2,500,000

Readiness Year: FFY 2031

Project Description: Replacement of two 35-foot transit buses that reached the end of their useful life in 2030.

Section 3—Community Connections/Bikeshare Support

3.1 BIKESHARE

3.1.1 Brookline Bluebikes Expansion

Project ID: S13386

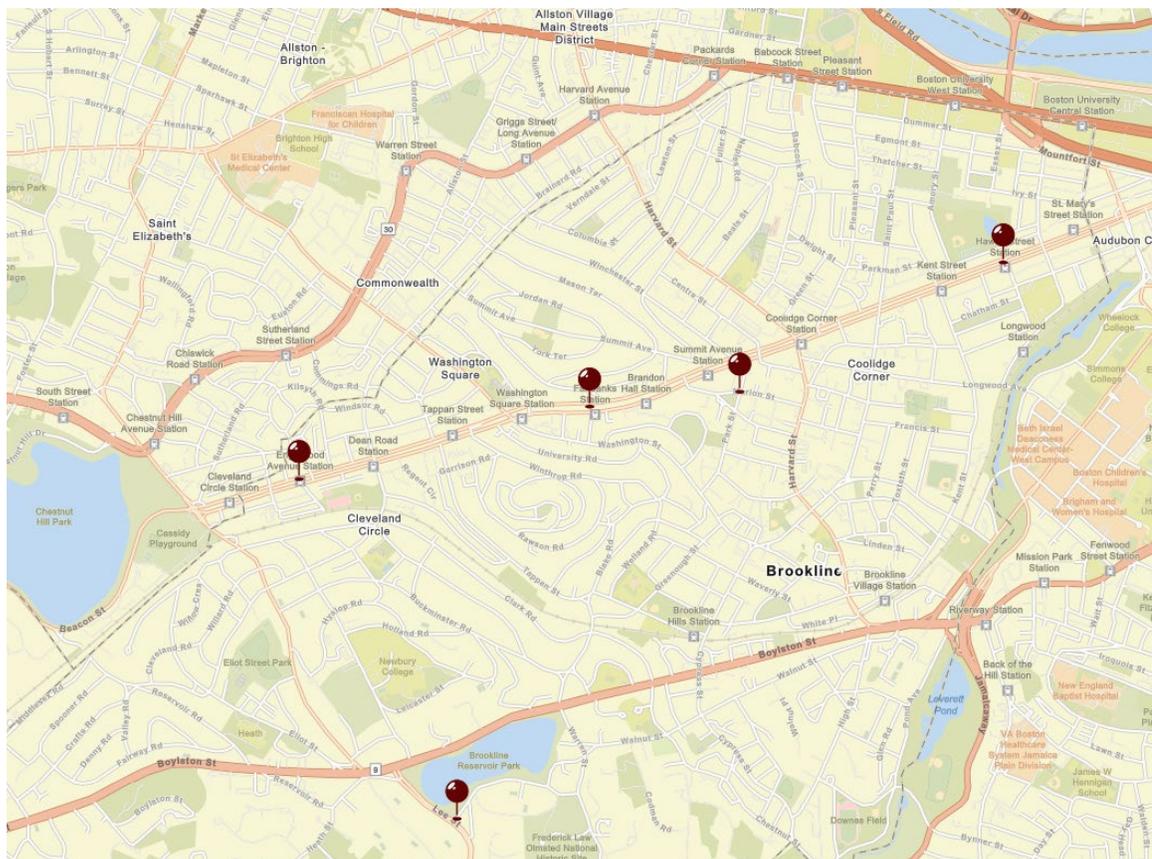
Score: 79.5

TFPC: \$190,354

Readiness Year: FFY 2027

Project Description: This project includes five new Bluebikes stations in Brookline, each with 15 docks, as well as the purchasing of 40 classic bikes and three e-bikes.

**Figure 10
Location of Project S13386**



3.1.2 Quincy Bluebikes Expansion

Project ID: S13410

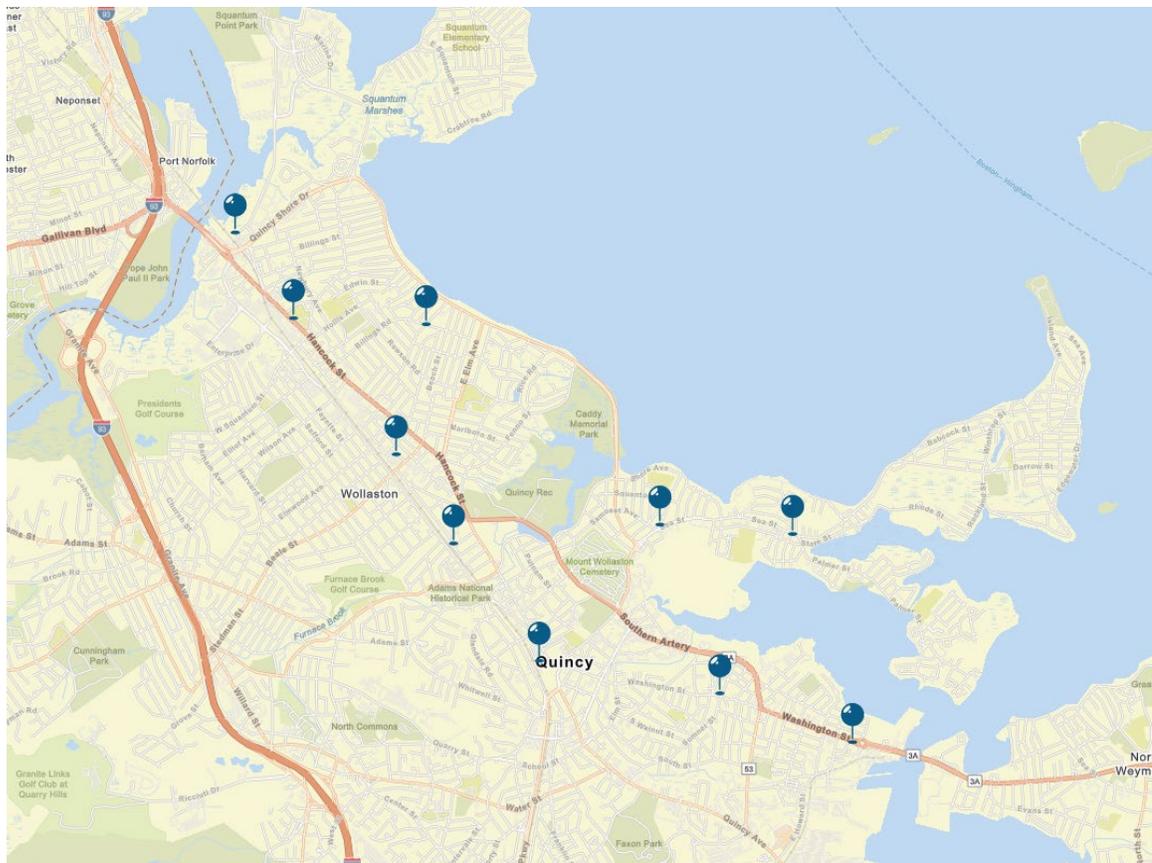
Score: 63

TFPC: \$434,500

Readiness Year: FFY 2027

Project Description: This project includes ten new Bluebikes stations in Quincy, each with 10 or 15 docks. Many of the stations will service Red Line stations, high-ridership bus routes, schools, parks, libraries, and other community assets.

**Figure 21
Location of Project S13410**



3.1.3 Boston, Brookline, Cambridge, and Somerville Bluebikes Replacement of 58 Stations

Project ID: S13409

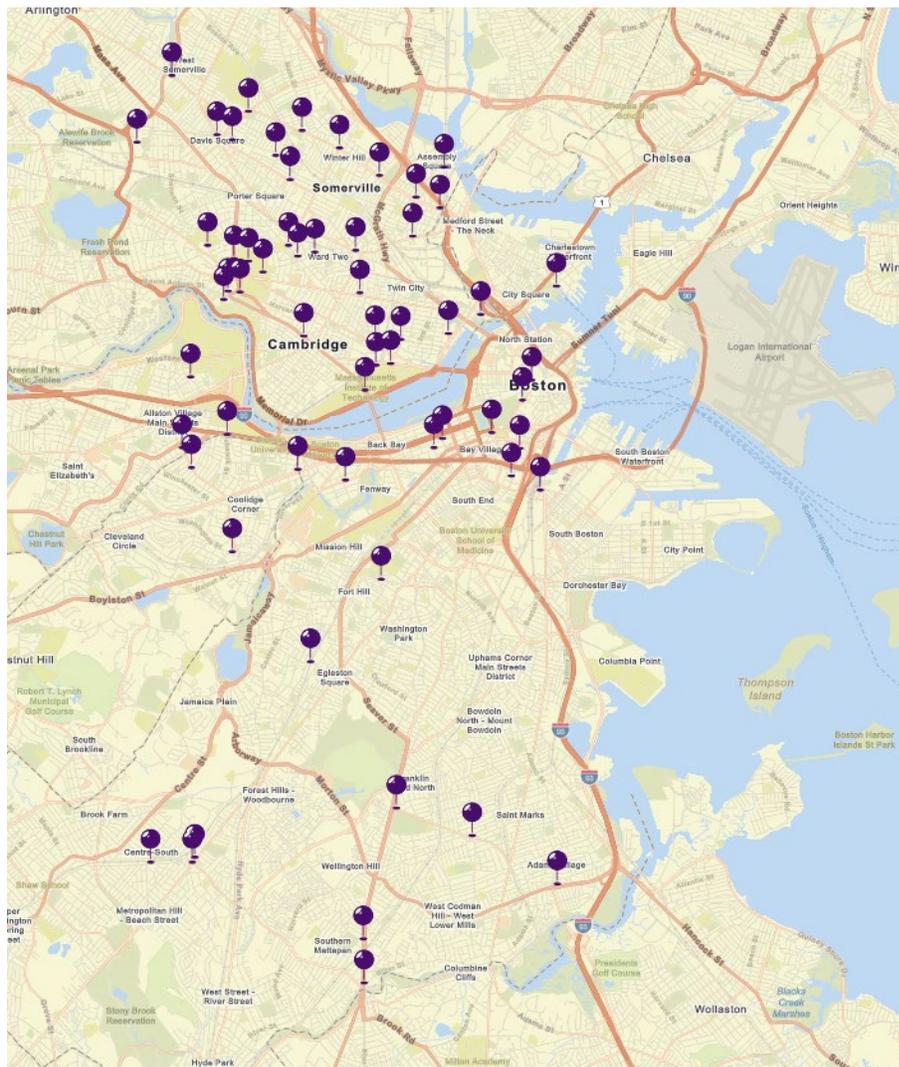
Score: 81

TFFPC: \$2,500,141

Readiness Year: FFY 2027

Project Description: This is a joint project between four municipalities to replace 58 high-utility stations. The project includes 22 stations in Boston, four 19-dock stations in Brookline, 17 stations in Cambridge, and the replacement of 80 docks and 20 quad slabs in Somerville.

**Figure 12
Location of Project S13409**



3.1.4 Joint Municipality Bluebikes Expansion, 1500 E-Bikes, 25 Classic Bikes, 17 Stations

Project ID: S13411

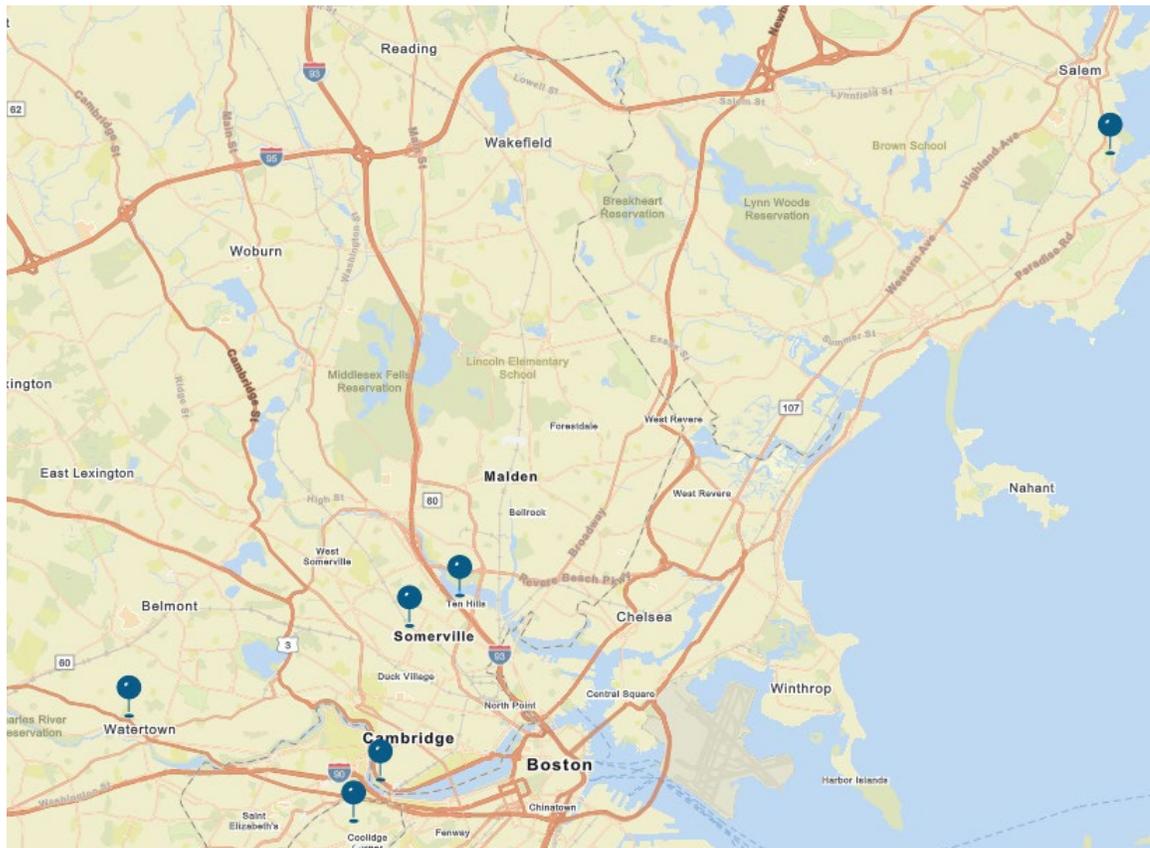
Score: 85

TFFPC: \$5,944,032

Readiness Year: FFY 2026

Project Description: This project includes 17 new Bluebikes stations in Boston, Cambridge, Somerville, Brookline, Watertown, and Salem. Most stations will be in Cambridge. Twenty-five classic bikes and 1,500 e-bikes are also included in the request. The map below shows some approximate locations of new stations.

Figure 33
Location of Project S13411



3.2 BICYCLE RACKS

3.2.1 Malden Bicycle Rack Expansion

Project ID: S13385

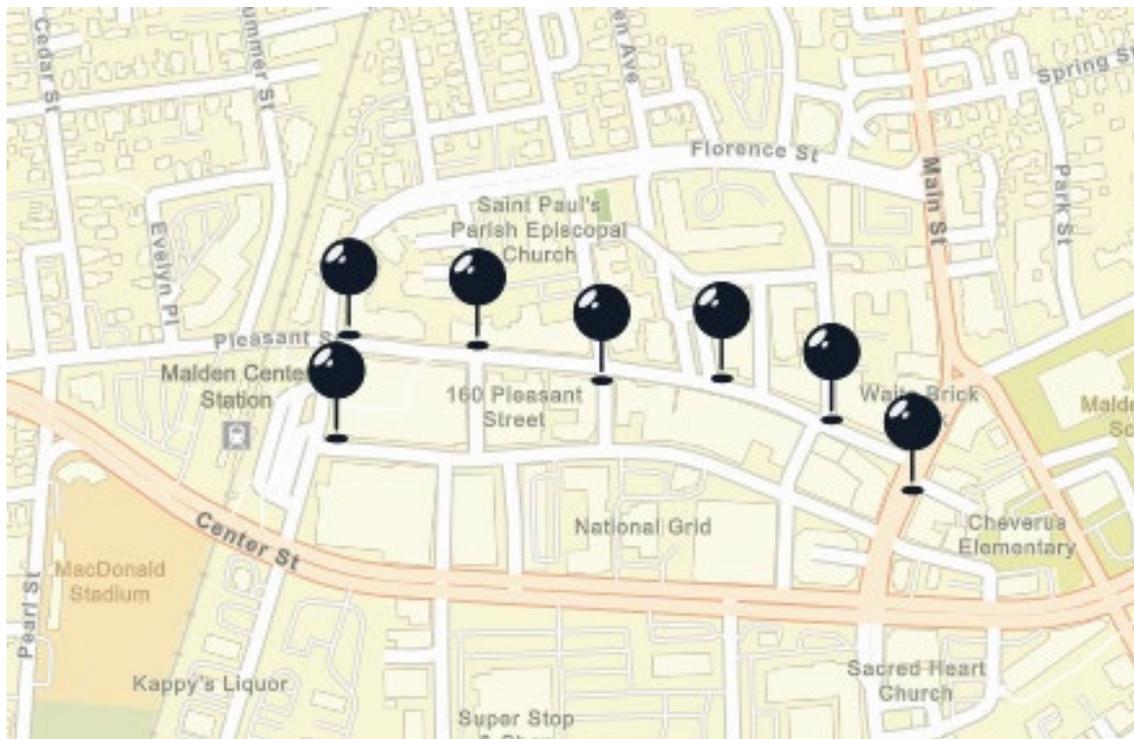
Score: 78

TFPC: \$9,915

Readiness Year: FFY 2027

Project Description: This project would add approximately 82 new bicycle parking spaces in downtown Malden.

Figure 44
Location of Project S13385



3.2.2 Brookline Bicycle Rack Expansion

Project ID: S13387

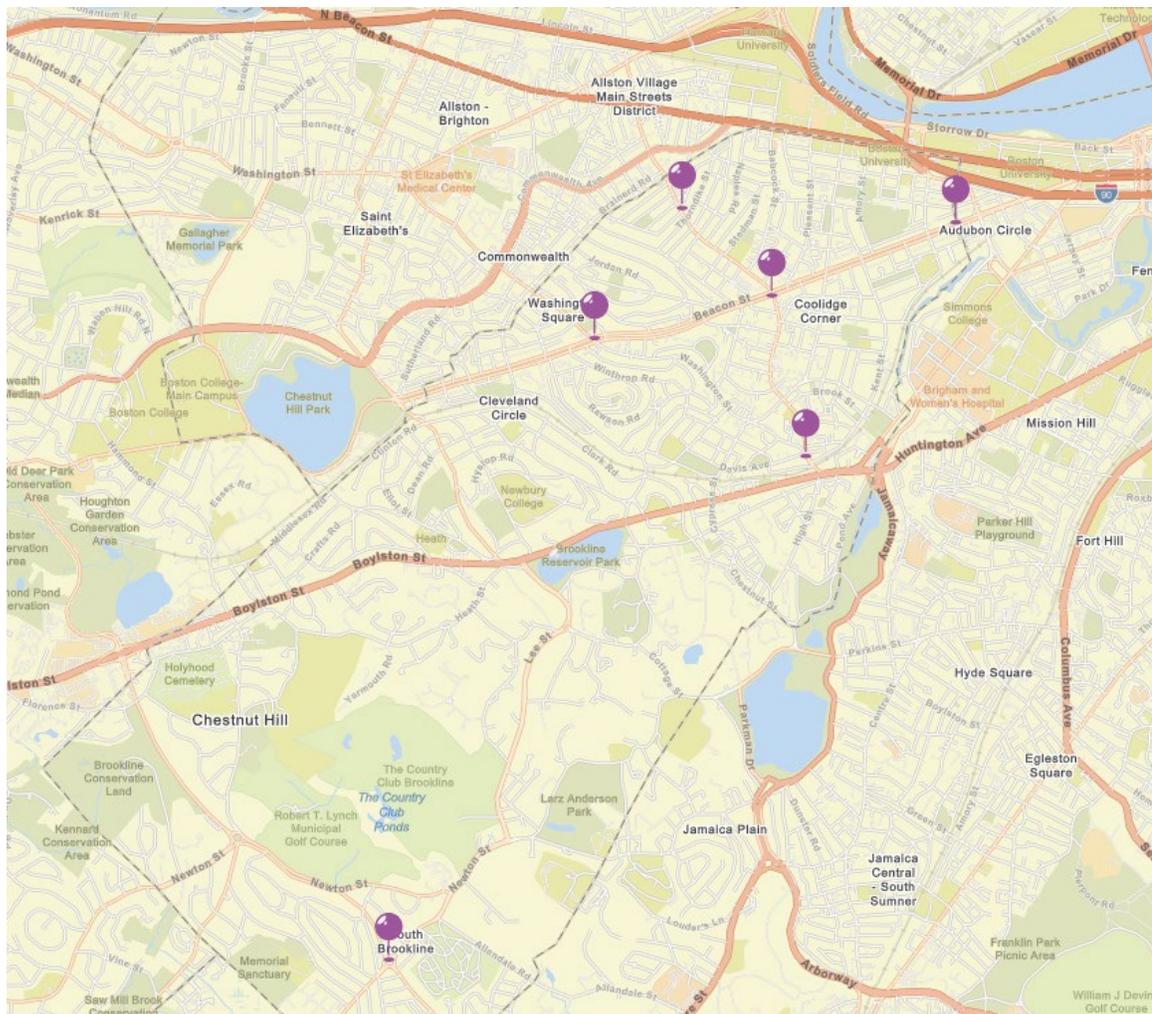
Score: 76.5

TFFPC: \$10,000

Readiness Year: FFY 2027

Project Description: This project involves the purchasing of 50 new bike racks to be deployed in six locations throughout the Town of Brookline.

**Figure 55
Location of Project S13387**



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