

2022 Capital Investment Plan

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This format of the Capital Investment Plan provides a text-only alternative to the Story Map presentation available through <https://www.mass.gov/cip>. For the full version, please see the linked website.

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Letter from Secretary Tesler



On behalf of the Massachusetts Department of Transportation (*MassDOT*) and the Massachusetts Bay Transportation Authority (*MBTA*), I am pleased to present this Capital Investment Plan (*CIP* or *Plan*) for 2022. Given the continued uncertainties and economic challenges facing the Commonwealth and our cities and towns as we address the lingering impacts of

COVID-19, this CIP is a “maintenance of effort” plan for 2022.

The uncertainties facing the transportation system are significant: the new norm for telework and return to work rules for the Commonwealth are not yet fully known, and how the transportation system addresses future demands will be assessed as we move forward; tolls and other transportation revenues continue to trend below pre-COVID levels and are difficult to project five years into the future. Federal surface transportation authorization (which expired September 30, 2020) was extended for one year, and the structure and funding for the future surface transportation authorization is not yet known; the full extent of and eligibility for additional infrastructure funding that will be available is also uncertain.

This Plan continues the framework laid out with the 2017–2021 CIP, which established a vision and process for the Commonwealth to plan investments in our transportation

system. The 2022 CIP reflects current realities while maintaining a continued focus on improving the reliability, safety, and resiliency of our transportation infrastructure. Our prior work establishing a system built on setting priorities for our system, developing programs to implement those priorities, and selecting projects that meet the goals of our programs will provide us a strong base for meeting the challenges of the last year and a half.

This Plan commits approximately \$4.0 billion in programmed transportation spending for our roads, rails, shared use paths, airports, buses, and bridges. Approximately 44% of the investments are focused on improving the reliability and resiliency of the existing core transportation system, with an additional 28% devoted to modernizing these systems to meet the demands of our citizens across the Commonwealth. The Plan incorporates transportation funding from a number of different sources, including federal, state, system-generated revenues, and private contributions. This allocation of funding is consistent with MassDOT’s and the MBTA’s asset management plans, our multi-modal planning efforts and with our capital priorities.

This Plan continues the Commonwealth’s commitment to complete Phase 1 of the South Coast Rail program—which will bring passenger rail to the South Coast—and to the Green Line Extension to Somerville and Medford.

When the state and federal funding picture becomes clearer, we will begin the process of developing a full five-year plan

that will be a reset of the capital plan and will provide a complete roadmap of proposed investments for five years.

Jamey Tesler
Acting Secretary of Transportation and Chief Executive
Officer
Massachusetts Department of Transportation

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Non-Discrimination Protections

Federal Title VI Rights & Protections

The Massachusetts Department of Transportation (*MassDOT*) operates its programs, services, and activities in compliance with federal nondiscrimination laws including Title VI of the Civil Rights Act of 1964 (*Title VI*), the Civil Rights Restoration Act of 1987, and related statutes and regulations. Title VI prohibits discrimination in federally assisted programs and requires that no person in the United States of America shall, on the grounds of race, color, or national origin (including limited English proficiency), be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination under any program or activity receiving federal assistance. Related federal nondiscrimination laws administered by the Federal Highway Administration, the Federal Transit Administration, or both prohibit discrimination on the basis of age, sex, and disability. These protected categories are contemplated within MassDOT's Title VI Programs consistent with federal interpretation and administration. Additionally, MassDOT provides meaningful access to its programs, services, and activities to individuals with limited English proficiency, in compliance with US Department of Transportation policy and guidance on federal Executive Order 13166.

State Nondiscrimination Protections

MassDOT complies with the Massachusetts Public Accommodation Law, M.G.L. c 272 §§ 92a, 98, 98a, prohibiting making any distinction, discrimination, or restriction in admission to or treatment in a place of public accommodation based on race, color, religious creed, national origin, sex, sexual orientation, disability, or ancestry. Likewise, MassDOT complies with the Governor's Executive Order 526, section 4 requiring all programs, activities, and services provided, performed, licensed, chartered, funded, regulated, or contracted for by the state shall be conducted without unlawful discrimination based on race, color, age, gender, ethnicity, sexual origination, gender identity or expression, religion, creed, ancestry, national origin, disability, veteran's status (including Vietnam-era veterans), or background.

Complaint Filing

To file a complaint alleging a violation of Title VI or related federal nondiscrimination law, contact the Title VI Specialist within 180 days of the alleged discriminatory conduct at:

MassDOT, Title VI Specialist
Office of Diversity and Civil Rights

10 Park Plaza
Boston, MA 02118
Phone: 857-368-8580 / TTY: 857-368-0603
Email: MASSDOT.CivilRights@state.ma.us

To file a complaint alleging a violation of the state's Public Accommodation Law, contact the Massachusetts Commission Against Discrimination within 300 days of the alleged discriminatory conduct at:

Massachusetts Commission Against Discrimination
(MCAD)

One Ashburton Place, 6th Floor
Boston, MA 02109
Phone: 617-994-6000 / TTY: 617-994-6196

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MassDOT does not discriminate on the basis of disability in admission to its programs, services, or activities; in access to them; in treatment of individuals with disabilities; or in any aspect of their operations. MassDOT also does not discriminate on the basis of disability in its hiring or employment practices.

This notice is provided as required by Title II of the Americans with Disabilities Act of 1990 (ADA) and Section 504 of the Rehabilitation Act of 1973. Questions, complaints, or requests for additional information regarding ADA and Section 504 may be forwarded to:

Office of Diversity and Civil Rights
Massachusetts Department of Transportation

10 Park Plaza, 3rd floor
Boston, MA 02116-3969
Phone: 857-368-8580 / TTY: 857-368-0603 / Fax:
857-368-0602
Email: MASSDOT.CivilRights@state.ma.us
Office hours: 9:00 am to 5:00 pm

This notice is available from the Office of Diversity and Civil Rights in large print, on audio tape, and in Braille upon request.

Translation Availability

If this information is needed in another language, please contact the MassDOT Title VI Specialist at 857-368-8580.

Caso esta informação seja necessária em outro idioma, favor contar o Especialista em Título VI do MassDOT pelo telefone 857-368-8580.

Si necesita esta información en otro idioma, por favor contacte al especialista de MassDOT del Título VI al 857-368-8580.

如果需要使用其它语言了解信息，请联系马萨诸塞州交通部（MassDOT）《民权法案》第六章专员，电话 857-368-8580。

如果需要使用其它语言了解信息，請聯繫馬薩諸塞州交通部（MassDOT）《民權法案》第六章專員，電話 857-368-8580。

Если Вам необходима данная информация на любом другом языке, пожалуйста, свяжитесь со специалистом по Титулу VI Департамента Транспорта штата Массачусетс (MassDOT) по тел: 857-368-8580.

Si yon moun vle genyen enfòmasyon sa yo nan yon lòt lang, tanpri kontakte Espesyalis MassDOT Title VI la nan nimewo 857-368-8580.

Nếu quý vị cần thông tin này bằng tiếng khác, vui lòng liên hệ Chuyên viên Luật VI của MassDOT theo số điện thoại 857-368-8580.

Si vous avez besoin d'obtenir une copie de la présente dans une autre langue, veuillez contacter le spécialiste du Titre VI de MassDOT en composant le 857-368-8580.

Se ha bisogno di ricevere queste informazioni in un'altra lingua si prega di contattare lo Specialista MassDOT del Titolo VI al numero 857-368-8580.

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الهاتف 857-368-8580 على السادسة

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Glossary of Terms

Americans with Disabilities Act of 1990 (ADA)

The ADA is a federal civil rights law mandating equity of opportunity for individuals with disabilities. The ADA prohibits discrimination in access to jobs, public accommodations, government services, public transportation, and telecommunications.

Chapter 90

Chapter 90 is the Commonwealth's municipal grant program that provides funding to municipalities for roadway projects and other eligible work.

Environmental Justice (EJ)

Established under Federal Executive Order 12898 and reflected in state policy, EJ policies require federal funding recipients to identify and address disproportionately high and adverse human health or environmental effects of programs, policies, and activities on minority populations and low-income populations.

Executive Office for Administration and Finance (ANF)

ANF is the budget and planning office for the Commonwealth that administers state transportation capital funding in the form of bonds.

Federal Transportation Partners

MassDOT's federal transportation partners on the CIP include the Federal Highway Administration (*FHWA*), Federal Transit Administration (*FTA*), Federal Railroad Administration (*FRA*), and Federal Aviation Administration (*FAA*).

Focus40

Focus40 is the MBTA's 25-year strategic investment plan. Focus40 was released in March 2019 and provides the framework for the MBTA's long-term investment strategy.

Fiscal Year (FY)

FY refers to a specific budgetary year. The United States federal fiscal year (*FFY*) begins on October 1 of the previous calendar year and ends on September 30. For example, the 2022 FFY is October 1, 2021 to September 30, 2022. The Massachusetts state fiscal year (*SFY*) begins on July 1 of the previous calendar year and ends on June 30. The 2022 SFY is July 1, 2021 to June 30, 2022.

Fixing America's Surface Transportation Act (*FAST Act*)

The FAST Act (Pub. L. No. 114-94) was signed into federal law on December 4, 2015. The FAST Act authorized \$305 billion over fiscal years 2016 through 2020 for highway improvements, motor vehicle safety, public transportation, motor carrier safety, hazardous materials safety, rail improvements, and research, technology, and statistics programs. Authorization expired September 30, 2020 and was extended for one year until September 30, 2021. New surface transportation authorization is currently being formulated in Congress.

Massachusetts Bay Transportation Authority (*MBTA or Authority*)

The MBTA provides rapid transit, bus transit, and commuter rail service to the Greater Boston region as well as commuter rail service to Worcester and Fitchburg. The agency is overseen by a five-member Fiscal and Management Control Board (*FMCB*).

Massachusetts Department of Transportation (*MassDOT*)

MassDOT is made up of four divisions: Highway, Rail & Transit, Registry of Motor Vehicles (*RMV*), and Aeronautics, as well as the Office of the Secretary and Transportation Planning and Enterprise Services that support all the divisions. As the umbrella transportation agency for the

Commonwealth, MassDOT also oversees the MBTA. The agency has a Board of Directors, comprised of eleven members who are all appointed by the Governor with the Secretary of Transportation as Chair.

Metropolitan Planning Organization (*MPO*)

An MPO is a regional transportation policy-making organization consisting of representatives from local government, regional planning agencies, regional transit operators, and state transportation agencies. Federal legislation passed in the early 1970s requires the formation of an MPO for any urbanized area with a population greater than 50,000. The Commonwealth of Massachusetts has 10 urbanized regions designated as MPOs and 3 rural regions known as Transportation Planning Organizations (TPOs) that function like MPOs.

Regional Planning Agency (*RPA*)

An RPA serves as a forum for state and local officials to address issues of regional importance, including the development of comprehensive plans and recommendations in areas of population and employment, transportation, economic development, land use, regional growth, and the environment.

Regional Transit Authority (RTA)

RTAs provide fixed route and paratransit service in communities across Massachusetts. There are 15 RTAs in Massachusetts in addition to the MBTA.

Regional Transportation Plan (RTP)

The RTP is the policy and vision document of a regional MPO. This document results from regional and statewide collaboration to plan a region's transportation system. The document contains a financial plan or budget which guides and shapes the actions an MPO undertakes as they fulfill the region's visions and objectives. This document includes a 20-year vision for transportation in the region and is updated every four years by each MPO. It serves as an important source of data for the statewide CIP.

State of Good Repair (SGR)

A state of good repair condition is achieved when an entity is managing an existing asset functionally, reliably, and safely within its expected life cycle to a predefined level of performance.

State Transportation Improvement Program (STIP)

The STIP is a compilation of the thirteen regional Transportation Improvement Programs (TIPs) prepared

annually by the state's ten MPOs and three rural Transportation Planning Organizations (TPOs). It is a list of priority (federally funded) transportation projects (roadway and transit) organized by region and fiscal year.

Title VI

Title VI of the Civil Rights Act of 1964 is a federal civil rights law which prohibits discrimination against members of the public on the basis of race, color, and national origin in programs and activities receiving financial assistance. Additional federal nondiscrimination categories are contemplated under MassDOT's Title VI Program, including age, sex, disability, and limited English proficiency (LEP).

Transportation Improvement Program (TIP)

A TIP is a phased five-year program of federally funded capital investments that reflects the needs of the regional transportation system, prepared by each MPO in the Commonwealth on an annual basis. Under federal regulations, a TIP must be constrained to available funding, be consistent with the relevant long-range RTP, and include an annual element or list of projects to be advertised in the first year of the TIP. Like the STIP, the regional TIP has a roadway component and a transit component.

Table of Acronyms

| Acronym | Defined Term |
|----------------------|---|
| AAA | American Automobile Association |
| ABP | Accelerated Bridge Program |
| ADA | American with Disabilities Act of 1990 |
| ALARS | Automatic License and Renewal System |
| ANF | Executive Office of Administration and Finance |
| APMS | Airport Pavement Management System |
| ATC | Automatic Train Control |
| BAT | Brockton Regional Transit Authority |
| BRTA | Berkshire Regional Transit Authority |
| BUILD grant | Better Utilizing Investment to Leverage Development grant |
| CARM | Central Artery Project Repair and Maintenance Trust Fund |
| CATA | Cape Ann Regional Transit Authority |
| CCRTA | Cape Cod Regional Transit Authority |
| CIP (or Plan) | Capital Investment Plan |
| CMAQ | Congestion Mitigation Air Quality |
| EJ | Environmental Justice |
| EOEEA | Executive Office of Energy and Environmental Affairs |
| EOTSS | Executive Office of Technology Services and Security |
| e-STIP | electronic STIP |
| FAA | Federal Aviation Administration |
| FAST Act | Fixing America's Surface Transportation Act |
| FFGA | Full Funding Grant Agreement |

| | |
|----------------|---|
| FFY | Federal Fiscal Year |
| FHWA | Federal Highway Administration |
| FMCB | Fiscal Management and Control Board |
| FRA | Federal Rail Administration |
| FRTA | Franklin Regional Transit Authority |
| FTA | Federal Transit Administration |
| FY | Fiscal Year |
| GANs | Grant Anticipation Notes |
| GATRA | Greater Attleboro Regional Transit Authority |
| GLT | Green Line Transformation |
| GLX | Green Line Expansion |
| GO | General Obligation |
| IRAP | Industrial Rail Access Program |
| LEP | Limited English Proficiency |
| LOS | Level of Service |
| LRTA | Lowell Regional Transit Authority |
| MAP | Mobility Assistance Program |
| MAP-21 | Moving Ahead for Progress in the 21 st Century |
| MaPIT | Massachusetts Project Intake Tool |
| MART | Montachusett Regional Transit Authority |
| MassDOT | Massachusetts Department of Transportation |
| MBTA | Massachusetts Bay Transportation Authority |
| MEPA | Massachusetts Environmental Policy Act |
| MHS | Metropolitan Highway System |
| MPO | Metropolitan Planning Organization |

GLOSSARY OF TERMS

| | |
|--------------|---|
| MVRTA | Merrimack Valley Regional Transit Authority |
| MWRTA | Metro West Regional Transit Authority |
| NHS | National Highway System |
| NRTA | Nantucket Regional Transit Authority |
| NTP | Notice to Proceed |
| ODCR | Office of Diversity and Civil Rights |
| OTP | Office of Transportation Planning |
| PATI | Plan for Accessible Transit Infrastructure |
| PCI | Pavement Condition Index |
| PSAC | Project Selection Advisory Council |
| PTC | Positive Train Control |
| PVTA | Pioneer Valley Regional Transit Authority |
| RMAT | Resilient MA Action Team |
| REP | Rail Enhancement Program |
| RIDOT | Rhode Island Department of Transportation |
| RL/OL | Red Line/Orange Line |
| ROW | Right of Way |
| RPA | Regional Planning Agency |
| RRIF | Railroad Rehabilitation and Improvement Financing |
| RTA | Regional Transit Authority |
| RTP | Regional Transportation Plan |
| RTTM | Real Time Traffic Management |
| SCR | South Coast Rail |
| SFY | State Fiscal Year |
| SGR | State of Good Repair |
| SRTA | Southeastern Regional Transit Authority |
| STIP | State Transportation Improvement Program |
| TAM | Transit Asset Management Plan |

2022 CAPITAL INVESTMENT PLAN

| | |
|--------------|--|
| TAMP | Transportation Asset Management Plan (Highway) |
| TBB | Transportation Bond Bill |
| TERM | Transit Economic Requirements Model |
| TIFIA | Transportation Infrastructure Financing and Innovation Act |
| TIP | Transportation Improvement Program |
| Tobin | Tobin Bridge |
| ULB | Useful Life Benchmark |
| VMT | Vehicle Miles Travelled |
| VTA | Martha's Vineyard Regional Transit Authority |
| WRTA | Worcester Regional Transit Authority |
| WT | Western Turnpike |

Introduction

One of MassDOT's key roles is to develop and implement the Commonwealth's transportation investment strategy—the Capital Investment Plan (*CIP*)—in coordination with the federal government, the state legislature, municipalities, regional planning agencies (*RPAs*), regional transit authorities (*RTAs*), other state agencies, and the public. With the lingering situation presented by COVID, MassDOT is again developing a “maintenance of effort” CIP for 2022, the focus of which continues to be the maintenance of our transportation system. We will fund our existing programs and multi-year projects that are underway or scheduled to commence while executing additional targeted investments to build a strong foundation for future funding opportunities. As the financial picture evolves, MassDOT will—in concert with guidance from the Executive Office for Administration and Finance (*ANF*)—revisit the CIP. It is important to note that the Commonwealth has released a 2022–2026 State Transportation Improvement Program (*STIP*) as required under the federal 3C planning process that programs funding thought the Commonwealth's MPO regions. MassDOT remains committed to providing the state match for federal transportation projects in the STIP.

Despite the challenges introduced by COVID, the work of MassDOT and the MBTA continues: to assist in providing the essential trips needed by many, and to support the safe reopening of businesses and services across the Commonwealth.

On January 15, 2021, the Governor signed a new \$16 billion transportation bond bill (TBB) into law - An Act Authorizing and Accelerating Transportation Investment. The TBB builds on the foundation laid out over the past several years and continues to accelerate investments in modernizing our transportation system. The TBB authorized several new programs to address asset conditions and congestion at the local level, improve transit access, and provide new funding for the Commonwealth's extensive National Highway System bridges (NHS bridges). New bridge funding comes in the form of grant anticipation notes (\$1.25 billion authorized).

The 2022 CIP includes several of these new programs authorized in the TBB. The 2022 CIP includes the following new programs and funding:

- Municipal Pavement program,
- Transit Infrastructure Partnership program* (transit-supportive investments)
- Public Realm Improvement program* (launched in 2020 as Shared Streets and Spaces)
- Next Generation Bridge program (new GANs funding)
- Local Bottleneck Reduction program

The TBB included funding for the roadways in the vicinity of the Cape Cod bridges and the 2022 CIP includes additional funding for early design and permitting activities related to these roadways. The TBB authorized several other new programs which did not receive capital funding during this capital planning cycle.

| New TBB Program / Funding | Description | TBB Authorization/ 2022 Capital Funding/Spending |
|---|--|--|
| Municipal Pavement | Program would provide funds through partnerships and/or grants to cities and towns to assist them in repairing and replacing municipal-owned pavement | \$100 million authorized / \$15 million |
| Local Bottleneck Reduction** | Program would provide new funding for cities and towns for moderate, cost effective congestion relief (e.g., smart signals) | \$25 million authorized / \$2.5 million |
| Transit Infrastructure Improvements** | Program will provide funds through partnerships and/or grants to municipalities to implement transit-supportive infrastructure to improve and facilitate more efficient delivery of transit operations, improve the passenger experience, and enhance transit rider and pedestrian service and safety for both the MBTA and RTA networks | \$25 million authorized / \$5 million |
| Public Realm Improvements (aka Shared Streets and Spaces)* | Program will continue a successful initiative launched in FY 21 to provide grants for cities and towns to launch or expand improvements to sidewalks, curbs, streets, on-street and off-street parking in support of public health, safe mobility, and commerce in their communities | \$20 million authorized / \$4 million |
| Next Generation Bridge Funding | Program to focus on bridge preservation/bundling of smaller MassDOT bridges | \$1.25 billion / \$15 million |

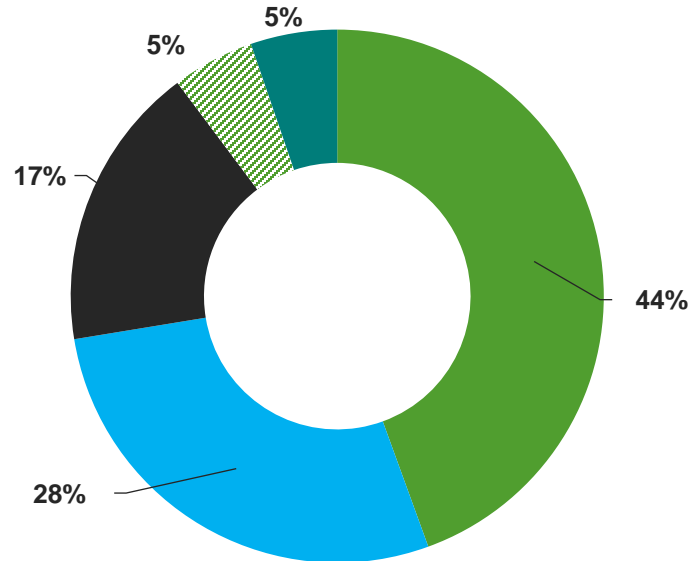
*The authorization for Public Realm is reflected in the 2022 CIP as a **new** Shared Streets and Spaces program. **The TBB included a stipulation for the Transit Infrastructure Program and the other transit-oriented authorizations that for communities with ready access to public transit or commuter rail that any grants provided shall be given to those communities that encourage Transit-Oriented Development (TOD) including multifamily housing near transit; MassDOT and the MBTA are working with the Executive office of Housing and Economic Development to define these parameters as part of the programs.

The following table details the funding programmed in the 2022 CIP.

Program Investments by Division

| | Aeronautics | Highway | IT | MBTA | Rail | RMV | Transit | Highway/OTP | SFY 22 Total |
|----------------|----------------------|---------|--------|-----------|--------|-------|---------|-------------|--------------|
| Reliability | \$47.3 (millions) | \$941.4 | \$12.0 | \$695.1 | \$55.5 | \$0.5 | \$32.3 | \$ - | \$1,784.2 |
| | Aeronautics | Highway | IT | MBTA | Rail | RMV | Transit | OTP | SFY 22 Total |
| Modernization | \$4.8 (millions) | \$292.7 | \$9.0 | \$757.2 | \$26.1 | \$8.3 | \$19.3 | \$5.0 | \$1,122.4 |
| | Aeronautics | Highway | IT | MBTA | Rail | RMV | Transit | Highway/OTP | SFY 22 Total |
| Expansion | \$ - (millions) | \$141.1 | \$ - | \$547.8 | \$2.7 | \$ - | \$ - | \$4.9 | 696.4 |
| Division/Total | \$52.2 | 1,375.2 | \$21.0 | \$2,000.1 | \$84.2 | \$8.8 | \$51.7 | \$9.9 | \$3,603.0 |

Overall Program Spending Breakdown



| (millions) | SYF 2021 | SFY 2022 | Difference |
|-------------------------------------|-----------|-----------|------------|
| Reliability | \$1,751.7 | \$1,784.2 | +\$32.5 |
| Modernization | \$944.4 | \$1,122.4 | +\$178.0 |
| Expansion | \$578.3 | \$696.4 | +\$118.1 |
| Chapter 90 & Municipal Partnerships | \$200.0 | \$200.0 | \$ - |
| Planning & Enterprise Services | \$213.4 | \$210.7 | (\$2.7) |
| One Year Total | \$3,687.8 | \$4,013.7 | +\$325.9 |

Totals may not add due to rounding.

Priorities → Programs → Projects

This CIP continues to be informed by a strategic vision influenced by public and stakeholder input collected throughout the development process. MassDOT/MBTA organizational priorities are built around funding programs within which projects are selected based on objective and comparative evaluation. One of the goals for this CIP is to more closely align with our multi-modal strategy and all of the planning efforts that have been undertaken over the last several years.

As previously discussed, this plan is focused on SFY 2022.

Investment Priorities

The three priorities for CIP investment are, in order of importance: Reliability, Modernization, and Expansion. These priorities express the broadest goals for MassDOT and MBTA investments.

Reliability

Maintain and improve the overall condition, safety, and reliability of the transportation system (44% of all investments):

- Necessary routine and capital maintenance and ensuring safety of the system

- State of good repair projects designed primarily to bring asset condition up to an acceptable level
- Asset management and system preservation projects

Modernization

Modernize the transportation system to make it safer, more accessible and accommodate growth (28% of all investments):

- Compliance with federal mandates or other statutory requirements for safety and/or accessibility improvements
- Projects that go beyond state of good repair and substantially modernize existing assets
- Projects that provide expanded capacity to accommodate current or anticipated future demand on existing transportation systems

Expansion

Expand diverse transportation options for communities throughout the Commonwealth (17% of all investments):

- Projects that expand highway, transit, and rail networks and/or services

- Projects that expand bicycle and pedestrian networks to provide more transportation options and to address health and sustainability objectives

The remaining investments support our municipal partners' transportation needs through programs, including the Chapter 90 reimbursement program.

Investment Programs

Investment programs fall under each of the three priorities (reliability, modernization, and expansion). These programs encompass the most important capital responsibilities and goals of the agency.

The sizing of programs is developed using asset management systems and tools to determine need. Through the finalization of the Transportation Asset Management Plan (*TAMP*) for the Highway Division and the Transit Asset Management Plans (*TAM*) for the MBTA and the RTAs, MassDOT and the MBTA have a better understanding about the condition of our assets over a ten-year timeframe. This data was used as input into the 2022 CIP.

Along with our asset management goals and performance targets established in the 2020 Tracker, alignment with our multi-modal planning efforts and strategies (such as our statewide bicycle and pedestrian plans or our freight plan, among others) are other inputs in assessing what and how much we should be investing in for our transportation network.

Finally, there is an increasing focus in the development of each year's CIP on how proposed investments may mitigate

the impacts of climate change and/or improve the resiliency of our transportation network to better withstand natural hazards.

Asset management targets, multi-modal planning strategies, climate change mitigation and improving resiliency work in concert to measure what performance objectives that are being achieved through the resources that are being invested.

Project Selection

Individual investments are considered for funding within these programs (reliability, modernization, and expansion). Projects are selected into each program and scored using

MassDOT's set of scoring criteria for each division to whom the project applies. Please note that reliability investments are not scored using these criteria, but instead are prioritized using performance- and asset management- based planning.

Funding

The CIP is funded from a mix of federal, state, and local sources, each of which varies with respect to its flexibility. Some funding sources must be spent on specific policy goals or modes, while others may be applied across the transportation system.

The 2022 CIP reflects federal and state funding that was made available to Massachusetts and included in the CIP. Additional federal funds include new federal formula funds, Federal Railroad Administration grants, and Federal Transit Administration grants. New state sources include general obligation bonds, special obligation bonds (REP funds), and MBTA revenue bonds. Pay-go capital funds (net toll revenues) reflect an increase (over previous estimates in the 2021 CIP) related to as traffic, and revenues begin to rebound post the height of COVID restrictions.

State Funding

The primary source of state transportation capital funding comes through bonds issued by the Commonwealth. Debt is issued to investors and paid back with interest over the course of the bond's life, like a mortgage for the purchase of a house.

The two main types of bonds issued for infrastructure spending are General Obligation bonds (backed by the full taxing authority of the Commonwealth) and Special Obligation Bonds (backed primarily by gas taxes and Registry fees), both of which are administered by the Executive Office for Administration and Finance (ANF).

Federal Funding

Massachusetts receives federal funding to improve our transportation system from several U.S. Department of Transportation agencies, including the Federal Aviation Administration (*FAA*), the Federal Railroad Administration (*FRA*), the Federal Highway Administration (*FHWA*), and the Federal Transit Administration (*FTA*).

While different, the CIP and STIP are related because the STIP makes use of the priorities/programs/projects framework that the MassDOT Divisions use to build the 2022 CIP. Further, all projects programmed in the STIP are incorporated into the CIP.

CIP and the STIP

MassDOT annually produces another multi-year capital planning document called the State Transportation Improvement Program (*STIP*). While similar, the STIP and CIP are not the same. The STIP is a federally required planning document that lists all federally funded transportation projects, both highway and transit, by region of the Commonwealth and by federal fiscal year. The STIP reflects programmed obligations (committed funds) while the CIP incorporates the projected spending of those obligations over time. Further, the STIP is subject to approval by the U.S. Department of Transportation and the U.S. Environmental Protection Agency, as well as by the Massachusetts Department of Environmental Protection. The STIP is developed in part by compiling the individual Transportation Improvements Programs (*TIPs*) from the 10 federally recognized transportation planning regions of the Commonwealth referred to as metropolitan planning organizations (*MPOs*) and 3 rural transportation planning regions known as TPOs.

By comparison, the CIP includes all sources of funding available to MassDOT Divisions and the MBTA. The CIP is not subject to federal approval.

MassDOT Spending by Source

| Projected Spending by Source | SFY 22 |
|---|------------------|
| Federal Sources of Funds | |
| Federal Highway (<i>FHWA</i>) reimbursements | \$762.5 |
| Federal Transit (<i>FTA</i>) reimbursements | \$6.0 |
| Federal Aviation (<i>FAA</i>) reimbursements and grant draws | \$37.7 |
| Federal Rail (<i>FRA</i>) reimbursements and grant draws | \$5.0 |
| Subtotal of federal spending | \$811.2 |
| Bond cap | \$906.2 |
| Grant Anticipation Notes (<i>GANs</i>) | \$15.0 |
| Accelerated Bridge bonds | \$10.1 |
| Rail enhancement bonds | \$5.2 |
| Central Artery Project Repair and Maintenance Trust Funds (<i>CARM</i>) | \$26.4 |
| Metropolitan Highway system (<i>MHS</i>) pay-go | \$75.1 |
| Tobin Bridge (<i>Tobin</i>) pay-go | \$5.5 |
| Western Turnpike (<i>WT</i>) pay-go | \$139.4 |
| Municipal, reimbursable and local funds | \$2.9 |
| Other State Funds | 16.6 |
| Subtotal of non-federal spending | \$1,202.5 |
| Total Spending | \$2,013.7 |

About MassDOT Funding Sources

Federal Highway (FHWA) reimbursements

MassDOT obligates available FHWA funds every federal fiscal year. This funding category involves MassDOT requesting FHWA to reimburse the Commonwealth for programmed (obligated) funds for actual federally eligible expenditures on Highway and Rail & Transit Division projects.

Federal Transit (FTA) funds

MassDOT obligates available FTA funds every federal fiscal year. This funding category involves MassDOT drawing down obligated amounts to reimburse the Commonwealth for Rail & Transit Division project spending. The spending by source tables do not include FTA funds available to Regional Transit Authority partners.

Federal Aviation (FAA) funds

MassDOT applies for FAA funds every federal fiscal year. This funding category involves MassDOT drawing down those approved grant amounts to pay for Aeronautics Division project spending.

Federal Railroad (FRA) funds

From time to time, MassDOT applies for FRA funds. This funding category has MassDOT draw down approved grant amounts to pay for Rail & Transit Division, MBTA, and Office of Transportation Planning project spending.

State bond cap

Commonwealth General Obligation bond proceeds (state bond cap) are allocated to specific projects, primarily for project design, management, operations, and other construction support provided to the Aeronautics, Highway, Registry, and Rail and Transit Divisions and the MBTA (see MBTA sources).

Accelerated Bridge bonds

Commonwealth Special Obligation bond proceeds are allocated to specific bridge projects, primarily for project operations and construction.

Grant Anticipation Notes (GANs)

Grant anticipation notes (GANs) are notes issued by the Commonwealth and repaid with future federal highway obligation authority. Funds will be used to improve the condition of the Commonwealth's bridges. New funding was authorized in the 2021 Transportation Bond Bill.

Rail enhancement bonds

This is the Commonwealth Rail Enhancement Program (REP): a dedicated \$2.1 billion program for reliability, modernization, and expansion initiatives at the MBTA, including the State's share of the Green Line Extension (GLX) program and a portion of the South Coast Rail program.

Central Artery Project Repair and Maintenance Trust Fund (CARM)

This is used for certain eligible MHS projects and is subject to FHWA approval.

Metropolitan Highway System (MHS) pay-go

Projected annual revenues are available for capital for the toll facility and tunnels east of I-95, plus any existing projected reserve balances.

Western Turnpike (WT) pay-go

Projected annual revenues are available for capital for the toll facilities west of I-95, plus any existing projected reserve balances.

Tobin Bridge (Tobin) pay-go

Projected annual revenues are available for capital for this toll facility plus any existing projected reserve balances.

Municipal and local funds

Funds are provided by municipalities to match federal-aid sources or to pay for construction bid items.

Reimbursable and 3rd party funds

This funding source comprises funding from private sources that MassDOT and the MBTA receive to mitigate transportation impacts of development projects or as part of a joint development agreement.

Other State funds

Additional funds for MassDOT are used for clean transit vehicles (VW funds) and transportation improvements in Boston's Seaport District (funds provided by other state agencies).

MBTA Spending by Source

| Projected Spending by Source | SFY22 |
|---|------------------|
| Federal Sources of Funds | |
| Federal Highway (<i>FHWA</i>) reimbursements | \$1.8 |
| Federal Transit (<i>FTA</i>) reimbursements and grant draws | \$369.5 |
| FTA Full funding grant agreement (<i>GLX FFGA</i>) | \$200.4 |
| Federal Railroad Administration (<i>FRA</i>) grant draws | \$6.6 |
| Other federal funds | \$5.7 |
| Subtotal of federal spending | \$584.0 |
| Bond cap | \$133.9 |
| Rail enhancement bonds | \$477.7 |
| MBTA Revenue bonds | \$515.5 |
| RRIF/TIFIA Loans | \$243.4 |
| Municipal and local funds (<i>GLX</i>) | \$0.0 |
| Reimbursable and 3rd parties | \$3.7 |
| Pay-Go Lockbox (<i>MBTA</i>) | \$30.0 |
| Capital maintenance fund | \$4.0 |
| Other Commonwealth Funds | \$8.0 |
| Subtotal of non-federal spending | \$1,416.1 |
| Total Spending* | \$2,000.1 |

About MBTA Funding Sources

Federal Highway (FHWA) reimbursements

FHWA reimbursements reflect CMAQ Flex Funds available for the GLX program.

Federal Transit (FTA) reimbursements and grant draws

FTA reimbursements reflect Section 5307 Urbanized Area Formula funds, Section 5337 State of Good Repair/Fixed Guideway funds, and Section 5339 Bus and Bus Facilities funds. Assumes reauthorization beyond FAST Act, with a 1.7% annual growth. FTA grant draws are the estimated balance of funds available in existing non-GLX FTA grants as of July 1, 2019.

FTA Full Funding Grant Agreement (FFGA)

FFGA funding supports the GLX program and includes on-hand FFGA funds less anticipated expenditures through July 1, 2021. Future amounts reflect the year in which additional FFGA funds will be appropriated per GLX FFGA.

Federal Railroad Administration (FRA) grant draws

Federal Railroad (FRA) discretionary grant funds that have been awarded to the MBTA.

Other federal funds

Funding is comprised of Transit Security Grant Program funds, which is a discretionary appropriation and not assumed in future years.

State bond cap

Commonwealth general obligation bond proceeds are provided as \$60 million in annual assistance to MBTA and a portion of the funding for Phase 1 of South Coast Rail (SCR).

Rail enhancement bonds

The Commonwealth Rail Enhancement Program is a dedicated \$2.1 billion program for reliability, modernization, and expansion initiatives at the MBTA, including the State's share of the Green Line Extension program, Red Line/Orange Line Improvements program and SCR Phase 1.

Railroad Rehabilitation and Improvement Financing / Transportation Infrastructure Financing and Innovation Act (RRIF/TIFIA) loans

Planned RRIF/TIFIA loans to support the PTC, ATC, and Fiber Resiliency projects. Sources reflect projected spending.

Municipal and Local Funds (GLX)

Funds reflect the contributions from the cities of Cambridge and Somerville for the GLX program.

Reimbursable and 3rd party funds

Funding reflects funds received via reimbursable agreements with Rhode Island Department of Transportation (*RIDOT*), Amtrak, and other parties.

Capital maintenance fund

A fund held by the Authority, that may be used at the discretion of the CFO, to pay a portion of unexpected costs of maintenance, improvement, and replacement of the equipment, facilities, and assets of the Authority.

Pay-Go/Lockbox

FY22 Pay-go/Lockbox funding made available due to a transfer of operating funds to the capital program.

Investment Priorities

Please note that all reliability, modernization, and expansion programs by Division, include the total projected spending by program in the 2022 CIP, descriptions of each program, and descriptions of any asset- and performance management-based data used for setting program sizes are outlined in Appendix B.

Reliability Investments

About 44% of the \$4.0 billion in proposed capital spending for 2022 is for "priority one" investments, meaning those that improve the reliability of the current transportation system. The goal of reliability investments is to maintain and improve the overall condition of the transportation system. Reliability investments include:

- Necessary routine and capital maintenance and improve safety of the system
- State of good repair projects designed primarily to bring asset conditions up to an acceptable level
- Asset management and system preservation projects

Investments such as runway reconstruction projects at our public use airports, bridge replacement projects such as the North Washington Street bridge, Sumner Tunnel Rehabilitation, repaving/resurfacing projects on I-95 or Route 3, purchase of new buses for the MBTA, rehabilitation of the Alewife garage, Blue Line harbor tunnel improvements, track and right of way replacement for the Berkshire Line, purchase of replacement buses and vehicles for the RTAs among many others are all examples of projects that fall under the reliability or "state of good repair" priority.

Reliability Spending by Division for 2022 (*millions*) – to be updated

| | |
|--------------|------------------|
| Aeronautics | \$47.3 |
| Highway | \$941.4 |
| IT | \$12.0 |
| MBTA | \$695.1 |
| Rail | \$55.5 |
| RMV | \$0.5 |
| Transit | \$32.3 |
| Total | \$1,784.2 |

Modernization Investments

About 28% of the \$4.0 billion in proposed capital spending for 2022 is for "priority two" investments that help achieve the goal of modernizing the transportation system to make it safer, more accessible, and to accommodate growth.

Modernization investments include:

- Compliance with federal mandates or other statutory requirements for safety and/or accessibility improvements
- Projects that go beyond routine maintenance and substantially modernize existing assets
- Projects that provide expanded capacity to accommodate current or anticipated demand on existing transportation systems

Examples of modernization investments include the new configuration for Kelley Square in Worcester or the track and signal improvements for the red and orange lines.

Modernization Spending by Division for 2022 (millions)

| | |
|--------------|------------------|
| Aeronautics | \$4.8 |
| Highway | \$292.7 |
| IT | \$9.0 |
| MBTA | \$757.2 |
| OTP | \$5.0 |
| Rail | \$26.1 |
| RMV | \$8.3 |
| Transit | \$19.3 |
| Total | \$1,122.4 |

Expansion Investments

About 17% of the \$4.0 billion in proposed capital spending for 2022 is for "priority three" investments that expand the diverse transportation options for communities throughout the Commonwealth. Expansion investments include:

- Projects that expand highway, transit and rail networks and/or services
- Projects that expand bicycle and pedestrian networks to provide more transportation options and address health and sustainability objectives

Green Line Extension or South Coast Rail programs are examples of investments under this priority.

Expansion Spending by Division for 2022 (*millions*)

| | |
|---------------|----------------|
| Highway | \$141.1 |
| MBTA | \$547.8 |
| OTP | \$4.9 |
| Rail | \$2.7 |
| Total: | \$696.4 |

Selected Major Investments & Programs

Commuter Rail Safety and Resiliency

The Commuter Rail Safety and Resiliency program includes investments to improve the safety and resiliency of the Commuter Rail system, including the implementation of Positive Train Control (*PTC*), Automatic Train Control (*ATC*) and the Fiber Optic Cable Network Resiliency project.

Green Line Transformation (*GLT*)

GLT includes a portfolio of over 60 multi-disciplinary projects aimed at holistically transforming the MBTA's Green Line. It integrates all existing Green Line state of good repair projects with new initiatives to form a cohesive investment strategy and unified capital program. In order to meet both present and future needs, the program's goal is to improve the quality of service on the Green Line through four levels of strategic investments: (1) Safety & State of Good Repair, (2) Accessible Stations, (3) Legacy Car Replacement, and (4) Increased Capacity. Each level aims to improve reliability and the overall quality of service for all riders and communities served by the Green Line.

Hopkinton-Westborough I-495/I-90 Interchange Improvements

The purpose of the I-495/I-90 Interchange Improvements project is to improve safety and operational efficiency at the

system interchange of these two nationally and regionally significant interstate highways.

This project will increase safety for all movements within the project area and address chronically deficient traffic conditions for the movement of people and goods. Additionally, this project will support planned growth in the region and accommodate future traffic demand at acceptable levels of service (LOS) and travel time through the Interchange. The I-495/I-90 Interchange Improvements Project is currently in the environmental permitting phase.

Design-Build contract procurement is anticipated to commence in Summer 2021 with construction anticipated to commence mid-2022.

Southborough-Westborough Acceler-8 I-90 Bridge Replacements

The Acceler-8 I-90 Bridge Replacement project will replace 8 failing bridge decks and superstructures to restore their 75-year service life and improve clearance to local roadways below. The bridge abutments at Woodland, Parkerville and Flanders Roads are being rehabilitated while the two 3-span bridges on Cordaville Road will be replaced entirely with two single span bridges with new abutments which will increase the underpass width. Additional improvements include upgrades to median and shoulder barriers, guardrails, roadway surface and pavement markings along a 3 mile stretch of I-90.

To reduce traffic impacts to the public on I-90 and local roads, this project utilized the Design-Build (D-B) procurement approach and Accelerated Bridge Construction (ABC) techniques. With the D-B approach, MassDOT selected one Design-Builder to be responsible for both the final design and construction. This promotes collaboration between the engineers, contractor and MassDOT staff and reduces schedule as the design and construction phases overlap each other. ABC techniques being used on this project include pre-cast concrete elements, such as bridge beams, bridge decks and abutment caps which shortens the construction duration. By utilizing both D-B and ABC, MassDOT was able to reduce the time needed to complete the project from 3-4 years to about a year. MassDOT issued the NTP on August 8, 2020 and substantial completion is scheduled for December 9, 2021. Actual disruption due to the bridge replacements will occur in only 8 weekends this summer. This is a significant economic benefit to the roadway users and will allow MassDOT to complete these needed improvements before the start of the Hopkinton-Westborough I-495/I-90 Interchange Improvements project.

Sumner Tunnel Centennial Project

Construction of the Sumner Tunnel began in 1934. The tunnel is now in need of significant rehabilitation. The tunnel arch and deck will be rehabilitated. The ceiling, wall panels, lighting, fire standpipe and communications systems will be replaced. The work will be done in three phases. A series of weekend closures followed by a 16-week closure followed by another series of weekend closures. The 16-week closure will occur in the Summer of 2023. During the closures work is expected to occur 24 hours per

day. This project is funded with federal highway funds and state bond cap match.

Red Line / Orange Line Transformation

This program comprises investments related to replacing and expanding the MBTA's Red Line and Orange Line fleets, including upgrading yards, maintenance facilities, test tracks, signals and power to enable acceptance and maintenance of the new fleets to improve the customer experience and continued reliability improvements. When fully implemented along with additional improvements to stations, track, signals and power projects, these investments are expected to allow three-minute headways on the Red Line and four-and-a-half-minute headways on the Orange Line.

Final completion for initial infrastructure improvements is scheduled for Summer 2022 and final delivery of vehicles for the fleet replacement is anticipated for September 2023. The program plans to achieve headway and reliability goals by 2028.

Green Line Extension (GLX)

The GLX project is a 4.7-mile light rail line that will extend current Green Line service from a relocated Lechmere Station in East Cambridge to a terminus at College Avenue in Medford, and a spur to Union Square in Somerville. This project is moving forward with a cost estimate of \$2.28 billion and is funded with federal funds (FFGA and FHWA), state bonds, and contributions from the cities of Cambridge and Somerville. As of April 2021, approximately 75% of the design-build effort has been realized and pre-revenue

service testing and commissioning is scheduled to commence Summer 2021.

South Coast Rail

The July 2, 2019 groundbreaking ceremony for South Coast Rail celebrated the Commonwealth's commitment to the expansion of Commuter Rail to the South Coast of Massachusetts. Construction is currently ongoing and revenue service is expected to begin in late 2023. South Coast Rail will serve existing and future demand for public transportation between Fall River/New Bedford and Boston, enhance regional mobility, and support smart growth planning and development strategies in Southeastern Massachusetts.

In SFY 2021 major construction commenced on the Fall River Secondary and the New Bedford Mainline / Middleborough Secondary, and this work will continue through SFY 2022.

The SFY 2020–2024 CIP included full funding for Phase 1 construction and service via the Middleborough route. The Commonwealth's funding commitment to the program continues with the SFY 2022 CIP.

I-90 Allston Multi-Modal Program

The I-90 Allston Viaduct has reached the end of its useful lifespan and is structurally deficient. However, this critical component of the Commonwealth's roadway infrastructure must be kept open for the movement of goods and freight, particularly to Logan Airport.

Similarly, the adjoining Allston Interchange is functionally obsolete. Its general configuration is no longer needed and the way it connects to local streets causes recurring congestion that, under some circumstances, impedes traffic on the I-90 mainline.

The deficiencies of the viaduct and interchange are the drivers behind the I-90 Allston Intermodal Program, which will replace the viaduct and reconfigure the interchange. Changes to the interchange will include flattening the curve of I-90 as it passes through Allston and connecting I-90 to Cambridge Street and Soldiers' Field Road via a new urban street grid. These changes provide MassDOT with the opportunity to enhance parkland along the Charles River, introduce bicycle and pedestrian connections around and through the former Beacon Park Yard site, and invest in improved commuter rail through the introduction of West Station.

MassDOT is continuing to assess and analyze the environmental effects of each of the alternatives presented in the scoping summary report and will present those findings upon completion of the Draft Environmental Impact Statement

MassDOT recently announced plans to accelerate initial repair work for the viaduct. This initial work is necessary for both the near-term safety of the viaduct and will also support longer term goals as the Commonwealth continues to work with stakeholders on the design, mitigation, financing and permitting measures in advance of aiming to file a Notice of Project Change for the preferred alternative in late 2021. Accelerating the first phase of the Allston Multi-Modal Program, better positions the Commonwealth to take advantage of any additional federal funding or programs, while reducing the permitting risks of construction phasing and operations of the larger project.

The 2022 CIP includes funding for design and permitting only. Cashflows and spending related to the interim repair will be reflected starting in 2023.

Equity Analysis

Overview

This section discusses the results of the equity analysis conducted on the draft FY2022 CIP, which indicates an equitable plan. There is a narrative describing the results and methodology used along with illustrative maps.

The investments included in the CIP update are determined through a collaborative process among many stakeholders (cities and towns, private and public agencies, advocates, etc.), representing diverse constituencies with an array of perspectives and goals for the future of public transportation.

As part of our commitment to civil rights and nondiscrimination, MassDOT evaluates proposed investments and projects to assure that they are equitable with respect to both geography and to the population groups that benefit.

The analysis evaluated investments per capita at the municipality and census tract levels. Equitable investment was evaluated using a number of different variables and indicators such as transportation mode (Highway, MBTA, Rail & Transit, and Aeronautics) and on several levels:

- In the aggregate and by investment categories to understand the total impact of the CIP;
- Individually for each mode and investment category to identify particular areas of concern that the aggregate level would not have identified separately; and
- Variable buffering to analyze impacts of the proposed CIP investments in two ways: by mode (RTA/MBTA, Rail, and Aeronautics) and for the Highway Division by location (rural, suburban, urban).

Investments were measured per capita to account for population density. 2014 ACS (American Community Survey) data was used in the analysis.

Overall, this analysis determined that the CIP equitably distributes investments among minority, low-income, and limited English proficient (LEP) populations. It also shows an equitable distribution of investments geographically across the Commonwealth.

MassDOT and the MBTA continue to develop and refine the analysis used to determine equity of capital investments. While geographic funding distribution and allocation of funding across diverse communities remains a core component of this analysis, MassDOT and the MBTA continue to work to innovate finer-grain analysis methodologies to identify and quantify the equity of the impacts of projects at the community level and statewide.

For additional information about MassDOT's Civil Rights work, web links are available in the Glossary of Terms.

More information about the current state of this practice and future goals is available by contacting the MassDOT Civil Rights team at MassDOT.civilrights@state.ma.us.

Geographic Analysis

As a state agency, MassDOT seeks to fund transportation infrastructure equitably across the state. However, because of the data that is available and the nature of transportation infrastructure, there is no clear consensus on what exactly is an equitable distribution of resources, given the variation between needs, demand, and contributed tax dollars. As a result, MassDOT assessed the data in a variety of ways for this equity analysis. The maps included in this section illustrate a few different ways that MassDOT assessed the data. While no single method is perfect, these approaches taken together provide useful information to better understand the regional distribution of resources. Only projects programmed within SFY 2022 in the CIP are considered.

Variables considered in analyzing the geographic equity of the plan are population, employment, and lane miles, captured by the Chapter 90 formula. Population and employment are considered to evaluate investment per capita and lane miles is considered as a proxy for the extent of the local transportation network.

The Chapter 90 Program is a formula program distributed to municipalities for roadway improvements based on population (20.83%), employment (20.83%), and lane miles (58.33%). This formula has been in use for distribution of transportation funds to municipalities since 1972. As the formula has a history of use as a proxy for geographic distribution of transportation investment throughout the Commonwealth, MassDOT opted to use the given percentages as a measure for an equitable distribution of investments.

If the ratio of CIP funding allocated to a municipality is the same as the ratio of Chapter 90 funding it receives—meaning a ratio of one—this would indicate that the CIP distribution is equitable. Greater than one would indicate more CIP funding than would be expected if funding were distributed according to the Chapter 90 formula, less than one would mean that the CIP distribution provides less than would have been received if the Chapter 90 formula were in use.

The shading on the map indicates the variations in the percentage of CIP investments from the percentage of Chapter 90 funding. Generally, urban areas receive a disproportionately high share of investment based on lane miles, while rural areas receive a disproportionately high

share on a per capita basis. Using the Chapter 90 formula as a benchmark for equity, which includes both lane miles and population, results in less stark contrasts, though urban areas still perform better. Because more roads are eligible for state and federal funding and projects are generally more expensive in urban areas, this finding does not mean there is clear bias.

Overall, there are no major geographic equity concerns within the SFY 2022 CIP. MassDOT and MBTA will continue to analyze the Capital Investment Plan year over year to assure that inequitable patterns do not emerge. For any analysis, MassDOT would not expect perfect equity for a one-year plan, as variations are bound to happen given that one-time large projects can skew outcomes.

Social Equity Analysis

The social equity analysis was conducted to establish compliance with federal and state nondiscrimination laws and regulations, including Title VI of the Civil Rights Act of 1964 (*Title VI*), the Civil Rights Restoration Act of 1987, and the 1994 Presidential Executive Order 12898 on Environmental Justice. The social equity analysis considered the distribution of investments across all census tracts, and across different demographic indicators, such as minority, low-income, limited English proficiency (*LEP*).

Minority census tracts are defined as those with populations that are at least 23.87 percent minority, as defined by the US Census, which is the statewide average. Consistent with state policy, low-income census tracts are defined as those

with a median household income at or below 65 percent of the statewide median household income. The statewide median household income is currently \$67,846. Therefore, low-income census tracts are defined as those with median household incomes of \$44,100 or less, regardless of household size. Census tracts with at least 6.25% of their population considered LEP (individuals above the age of five who do not speak English as their primary language and who have a limited ability to read, write, speak, or understanding English) were also considered for social equity implications.

Equity analyses in this context seek to identify discrepancies in the allocation of funding across the identified demographic groups. While there is no single threshold that serves as a dispositive indication of funding allocation differences that suggest clear equity concerns, the state of the practice* indicates that differences on the order of 20% can be observed without implicating equity. Furthermore, in instances where differences exceed 20%, there may be legitimate nondiscriminatory justifications that, again, do not indicate equity concerns.

Analyzing the entire CIP, investments in 2022 are approximately 7% more per capita in minority than non-minority communities.

Considering all modes, LEP census tracts receive 12% less funding per capita than non-LEP census tracts.

For the proposed SFY 2022 investments, low-income communities receive approximately 76.3% per capita investments as compared to non-low income communities.

Overall, the equity analysis of the SFY 2022 CIP does not seem to indicate social equity concerns. MassDOT and MBTA will continue to analyze the Capital Investment Plan year over year to assure that inequitable patterns do not emerge. For any analysis, MassDOT would not expect perfect equity for a one-year plan, as variations are bound to happen given that one-time large projects can skew outcomes as reflected in the outcomes for this CIP.

*Disparate impact analyses were first used to identify employment discrimination where the courts established a 20% threshold as a reasonable indicator of possible disparities. For CIP equity analyses, MassDOT has relied on this industry standard. The 20% threshold is consistent with how the MBTA evaluates major services changes and monitors service and amenities.

Public Comment and Engagement

Public feedback is important to the development and support of the Capital Investment Planning process. MassDOT has created [an interactive comment tool](#) to provide an opportunity for members of the public to directly comment on individual investments in the CIP. The comment tool was active during the public comment period which ended June 14, 2021. The tool will be reactivated for next year's CIP.

The Legislative Affairs group and Capital Planning team at MassDOT reviews all comments and will provide a response in the form of a single document that addresses all comment topics.

Public Engagement for the 2022 CIP

As a result of the continued presence of COVID, MassDOT hosted six virtual regional public meetings which were coordinated with our regional partners. Below is a list of all the virtual public meetings that were held for the 2022 CIP. Public comment was accepted as part of the virtual public meetings. While each meeting is focused on a specific region, comments were accepted on any aspect of the CIP.

Virtual Public Meetings

| Region | Meeting Host | Date | Time | Platform |
|--|--|----------------------|---------|--|
| Western Massachusetts / Berkshires | Berkshire Regional Planning Commission/Pioneer Valley/Franklin Regional Council of Governments | May 25 th | 6:00 pm | Zoom: https://us02web.zoom.us/j/82037272448?pwd=aXo3Sy9GTmdiVGRXU2VHcXFRK01pdz09 Meeting ID: 820 3727 2448 Passcode: 090975 Dial-In: 1-646-876-9923 |
| Northern Middlesex / Merrimack Valley | Merrimack Valley Planning Commission / Northern Middlesex Planning Commission | May 26 th | 6:00 pm | Zoom: https://us02web.zoom.us/j/81042377110?pwd=K3loZyt6UERETzlCb2RIYzhtNG5kQT09 Meeting ID: 810 4237 7110 Passcode: 725620 Dial-In: 1-646-876-9923 |
| Central Massachusetts | Central Mass Regional Planning Commission | May 27 th | 6:00 pm | Zoom https://us02web.zoom.us/j/81042377110?pwd=K3loZyt6UERETzlCb2RIYzhtNG5kQT09 Meeting ID: 857 9613 5985 Passcode: 730172 Dial-In: 1-646-876-9923 |

| | | | | |
|-----------------------------------|---|----------------------|---------|---|
| Boston | Boston MPO/Central Transportation Planning | June 1 st | 6:00 pm | Zoom https://us02web.zoom.us/j/81042377110?pwd=K3loZyt6UERETzlCb2RIYzhtNG5kQT09 Meeting ID: 892 4730 4438 Passcode: 605065 Dial-In: 1-646-876-9923 |
| Southeastern Massachusetts | Southeastern Massachusetts Regional Planning and Economic Development District / Old Colony | June 2 nd | 6:00 pm | Zoom https://us02web.zoom.us/j/81042377110?pwd=K3loZyt6UERETzlCb2RIYzhtNG5kQT09 Meeting ID: 826 0250 2217 Passcode: 624318 Dial-In: 1-646-876-9923 |
| Cape Cod and Islands | Cape Cod Commission / Nantucket / Martha's Vineyard | June 3 rd | 6:00 pm | Zoom https://us02web.zoom.us/j/81042377110?pwd=K3loZyt6UERETzlCb2RIYzhtNG5kQT09 Meeting ID: 826 0250 2217 Passcode: 987991 Dial-In: 1-646-876-9923 |

The above table lists the virtual public meetings held for the CIP, along with the meeting hosts and platforms. All meetings were hosted in partnership with MassDOT's regional planning partners. Recordings of meetings are available online at www.mass.gov/CIP.

Appendix A: Investment Details

This section provides the lists of investments contained within this CIP. The information within each column is described below:

- Location – where the investment is located
- Project ID – the Division specific ID that uniquely identifies each investment
- Project name – the name of the investment and a brief description
- Priority – the capital priority that the investment addresses
- Program – the program from which the investment is made
- Score – the score of the investment (reliability investments are not scored)
- Total cost – the total cost of the investment
- Prior years – the spending on the investment that pre-dates the plan update
- FY 2022 – the spending estimated to occur in fiscal year 2022
- Post FY 2022 – the estimated spending to occur post fiscal year 2022 for the project

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|-----------------------------|-------------|-----------------|---|--|-------|-----------|-----------------|----------|----------------|
| Beverly Regional Airport | AE20000358 | 1 Reliability | Aeronautics Airport capital improvement | REMOVE & REPLACE DIESEL FUEL 1,000-GALLON UST | 1 | \$0.42 | \$0.00 | \$0.42 | \$0.00 |
| | AE20000361 | 1 Reliability | Aeronautics Airport capital improvement | ENVIRONMENTAL ASSESSMENT AND PERMITTING FOR RUNWAY 16-34 - PHASE 1 | 1 | \$0.74 | \$0.00 | \$0.14 | \$0.60 |
| | AE22000395 | 1 Reliability | Aeronautics Airport capital improvement | INSTALL RUNWAY 34 PRECISION APPROACH PATH INDICATORS (PAPIS) | 1 | \$0.15 | \$0.01 | \$0.14 | \$0.00 |
| | AE22000871 | 1 Reliability | Aeronautics Airport capital improvement | PURCHASE & INSTALL COLD STORAGE STRUCTURE | 1 | \$2.30 | \$0.08 | \$0.12 | \$2.10 |
| Chatham Municipal Airport | AE22000396 | 1 Reliability | Aeronautics Airport capital improvement | RUNWAY 6 AVIGATION EASEMENTS | 1 | \$1.95 | \$0.00 | \$1.95 | \$0.00 |
| Fitchburg Municipal Airport | AE18000065 | 1 Reliability | Aeronautics Airport pavement | REALIGN & RECONSTRUCT RUNWAY 14-32 (5,000'X100') | 1 | \$1.20 | \$0.00 | \$1.20 | \$0.00 |
| Gardner Municipal Airport | AE18000165 | 1 Reliability | Aeronautics Airport pavement | REHABILITATE RUNWAY 18-36 AND EDGE LIGHTS (LIFE EXTENSION) | 1 | \$6.83 | \$0.00 | \$3.13 | \$3.70 |
| Harriman & West Airport | AE19000333 | 1 Reliability | Aeronautics Airport capital improvement | CONSTRUCT SNOW REMOVAL EQUIPMENT BUILDING | 1 | \$0.57 | \$0.00 | \$0.55 | \$0.02 |
| | AE19000334 | 1 Reliability | Aeronautics Airport capital improvement | PURCHASE HEAVY DUTY DUMP TRUCK WITH PLOW BLADE | 1 | \$0.96 | \$0.15 | \$0.14 | \$0.67 |

Aeronautics

2022 Capital Investment Plan

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|------------------------------|-------------|-------------------|--|---|-------|-----------|-----------------|----------|----------------|
| Lawrence Municipal Airport | AE17000012 | 2 Modernization | Aeronautics Airport administration buildings | LWM SAAB CONSTRUCTION SERVICES | 1 | \$4.84 | \$0.00 | \$2.42 | \$2.42 |
| | AE18000114 | 1 Reliability | Aeronautics Airport pavement | EXTEND TAXIWAY CHARLIE AND REMOVE TAXIWAY DELTA | 1 | \$6.32 | \$0.00 | \$1.10 | \$5.22 |
| | AE22000398 | 1 Reliability | Aeronautics Airport capital improvement | DESIGN/PERMIT/CONSTRUCT TAXIWAY GOLF (1,850'X35') | 1 | \$4.40 | \$0.00 | \$0.15 | \$4.25 |
| Mansfield Municipal Airport | AE19000229 | 1 Reliability | Aeronautics Airport capital improvement | PREPARE MASTER PLAN UPDATE | 1 | \$0.37 | \$0.00 | \$0.37 | \$0.00 |
| Marshfield Municipal Airport | AE23000428 | 1 Reliability | Aeronautics Airport capital improvement | REPLACE AWOS TIPPING BUCKET | 1 | \$0.74 | \$0.34 | \$0.07 | \$0.33 |
| Martha's Vineyard Airport | AE18000156 | 1 Reliability | Aeronautics Airport pavement | PAVE TURF APRON | 1 | \$0.87 | \$0.00 | \$0.87 | \$0.00 |
| | AE19000349 | 1 Reliability | Aeronautics Airport capital improvement | OBSTRUCTION REMOVAL ALL RUNWAYS | 1 | \$1.21 | \$0.00 | \$1.21 | \$0.00 |
| Nantucket Memorial Airport | AE18000135 | 1 Reliability | Aeronautics Airport pavement | REHABILITATE TAXIWAY ECHO | 1 | \$19.80 | \$4.40 | \$15.40 | \$0.00 |
| | AE18000225 | 1 Reliability | Aeronautics Airport capital improvement | TERMINAL AREA AND TERMINAL STUDY | 1 | \$0.47 | \$0.00 | \$0.47 | \$0.00 |

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|--------------------------------|-------------|-----------------|---|--|-------|-----------|-----------------|----------|----------------|
| New Bedford Regional Airport | AE19000453 | 1 Reliability | Aeronautics Airport capital improvement | MEPA/NEPA FOR ALP PROJECTS | 1 | \$0.40 | \$0.00 | \$0.40 | \$0.00 |
| | AE19000301 | 1 Reliability | Aeronautics Airport capital improvement | PURCHASE EASEMENTS & MITIGATE RUNWAY 14 OBSTRUCTIONS | 1 | \$1.06 | \$0.00 | \$1.06 | \$0.00 |
| Norwood Municipal Airport | AE18000194 | 1 Reliability | Aeronautics Airport pavement | RELOCATE STUB TAXIWAY CHARLIE (200' X 35') - PCI 88 | 1 | \$2.55 | \$0.00 | \$1.01 | \$1.54 |
| | AE21000152 | 1 Reliability | Aeronautics Airport pavement | RECONSTRUCT RUNWAY 10-28 (4,000' X 75') - PCI 47 | 1 | \$3.50 | \$0.75 | \$2.20 | \$0.55 |
| Orange Municipal Airport | AE21000451 | 1 Reliability | Aeronautics Airport capital improvement | PREPARE ENVIRONMENTAL ASSESSMENT FOR FENCING/SWPPP | 1 | \$0.14 | \$0.00 | \$0.14 | \$0.00 |
| | AE22000404 | 1 Reliability | Aeronautics Airport capital improvement | REPLACE RUNWAY 14-32 EDGE LIGHTING AND REGULATOR | 1 | \$7.28 | \$0.03 | \$0.54 | \$6.71 |
| Pittsfield Municipal Airport | AE23000431 | 1 Reliability | Aeronautics Airport capital improvement | PURCHASE HIGH EFFICIENCY SNOW BLOWER ATTACHMENT | 1 | \$0.59 | \$0.18 | \$0.42 | \$0.00 |
| Plymouth Municipal Airport | AE21000380 | 1 Reliability | Aeronautics Airport capital improvement | ACQUIRE EXISTING HANGAR FOR EQUIPMENT STORAGE | 1 | \$1.75 | \$0.54 | \$0.34 | \$0.87 |
| Provincetown Municipal Airport | AE19000322 | 1 Reliability | Aeronautics Airport capital improvement | NPS MITIGATION FOR OBSTRUCTION REMOVAL | 1 | \$0.05 | \$0.00 | \$0.05 | \$0.00 |

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|-------------------------------|-------------|-----------------|---|--|-------|-----------|-----------------|----------|----------------|
| | AE22000434 | 1 Reliability | Aeronautics Airport capital improvement | VMP OBSTRUCTION REMOVAL | 1 | \$0.25 | \$0.00 | \$0.25 | \$0.00 |
| | AE22000435 | 1 Reliability | Aeronautics Airport capital improvement | DESIGN AND PERMIT SNOW REMOVAL EQUIPMENT BUILDING | 1 | \$0.59 | \$0.00 | \$0.59 | \$0.00 |
| Southbridge Municipal Airport | AE18000207 | 1 Reliability | Aeronautics Airport pavement | RUNWAY 2-20 RECONSTRUCTION AND TAXIWAY ALPHA STRAIGHTENING | 1 | \$9.85 | \$8.80 | \$1.05 | \$0.00 |
| | AE19000310 | 1 Reliability | Aeronautics Airport capital improvement | JET A FUEL FARM UPGRADE | 1 | \$0.25 | \$0.00 | \$0.25 | \$0.00 |
| Statewide | AE18000034 | 1 Reliability | Aeronautics Airport pavement | STATEWIDE PAVEMENT CRACK SEAL | 1 | \$3.56 | \$0.00 | \$1.01 | \$2.55 |
| | AE18000217 | 1 Reliability | Aeronautics Airport capital improvement | VEGETATION MANAGEMENT | 1 | \$5.02 | \$0.00 | \$0.70 | \$4.32 |
| | AE18000219 | 1 Reliability | Aeronautics Airport capital improvement | SECURITY CAMERAS | 1 | \$3.95 | \$0.00 | \$0.53 | \$3.42 |
| | AE21000439 | 1 Reliability | Aeronautics Airport capital improvement | NAVIGATIONAL AID MAINTENANCE (KOBO & NORTH SHORE 2) | 1 | \$0.33 | \$0.05 | \$0.05 | \$0.22 |
| | AE24000438 | 1 Reliability | Aeronautics Airport capital improvement | AIRPORT SYSTEM PLANNING STUDIES | 1 | \$2.03 | \$0.00 | \$0.94 | \$1.10 |
| | | | | | | | | | |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|-----------------------------------|-------------|-------------------|--|--|-------|-----------|-----------------|----------|----------------|
| Taunton Municipal Airport | AE24000439 | 1 Reliability | Aeronautics Airport capital improvement | FLIGHT LEVEL - STATE HELICOPTER | 1 | \$0.17 | \$0.00 | \$0.04 | \$0.13 |
| | AE17000010 | 2 Modernization | Aeronautics Airport administration buildings | TAN SAAB CONSTRUCTION SERVICES | 1 | \$4.96 | \$0.00 | \$2.42 | \$2.54 |
| | AE24000435 | 1 Reliability | Aeronautics Airport capital improvement | REPLACE AUTOMATED SURFACE OBSERVING SYSTEM (ASOS) WITH AWOS III | 1 | \$3.45 | \$0.19 | \$0.11 | \$3.15 |
| Turners Falls Airport | AE19000339 | 1 Reliability | Aeronautics Airport capital improvement | RUNWAY 16-34 OBSTRUCTION REMOVAL | 1 | \$0.28 | \$0.00 | \$0.28 | \$0.00 |
| Westfield-Barnes Regional Airport | AE19000330 | 1 Reliability | Aeronautics Airport capital improvement | SRE REPLACEMENTS (SNOW BLOWER & SWEEPER) | 1 | \$1.63 | \$0.00 | \$0.99 | \$0.64 |
| | AE21000387 | 1 Reliability | Aeronautics Airport capital improvement | RUNWAY 2-20 CONCRETE REPAIR | 1 | \$1.08 | \$0.48 | \$0.44 | \$0.17 |
| | AE21000388 | 1 Reliability | Aeronautics Airport capital improvement | PURCHASE 3 SIDED EQUIPMENT SHED | 1 | \$0.89 | \$0.00 | \$0.89 | \$0.00 |
| | AE22000416 | 1 Reliability | Aeronautics Airport capital improvement | ACQUIRE LAND FOR NOISE COMPATIBILITY WITHIN 70 - 74 DNL PHASE 16 | 1 | \$1.65 | \$0.00 | \$1.65 | \$0.00 |
| | AE24000436 | 1 Reliability | Aeronautics Airport capital improvement | ACQUIRE LAND FOR NOISE COMPATIBILITY WITHIN 70 - 74 DNL PHASE 17 | 1 | \$1.65 | \$0.00 | \$1.65 | \$0.00 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|-------------------------------|-------------|-----------------|---|---|-------|-----------|-----------------|----------|----------------|
| | AE24000437 | 1 Reliability | Aeronautics Airport capital improvement | NOISE MITIGATION MEASURES FOR RESIDENCES WITHIN 70-74 DNL | 1 | \$1.10 | \$0.00 | \$1.10 | \$0.00 |
| | AE24000464 | 1 Reliability | Aeronautics Airport capital improvement | NOISE MITIGATION MEASURES FOR RESIDENCES WITHIN 70-74 DNL | 1 | \$1.10 | \$0.00 | \$1.10 | \$0.00 |
| Westover Metropolitan Airport | AE22000463 | 1 Reliability | Aeronautics Airport capital improvement | FUEL FARM EXPANSION (10,000 GALLON JET-A) | 1 | \$1.56 | \$0.38 | \$0.15 | \$1.03 |

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|-----------|-------------|-------------------|----------------------------------|--|-------|-----------|-----------------|----------|----------------|
| Adams | 607328 | 2 Modernization | Highway Roadway Reconstruction | ADAMS- PAVEMENT REHABILITATION & RELATED WORK ON ROUTE 8 | 35 | \$7.09 | \$2.59 | \$3.33 | \$1.17 |
| | 609161 | 1 Reliability | Highway Bridge | ADAMS- SYSTEMATIC BRIDGE MAINTENANCE, A-04-001, ROUTE 8 (GROVE ST) OVER ASHUWILLTICOOK RAIL-TRAIL AND HOOSIC RIVER | 0 | \$0.69 | \$0.50 | \$0.18 | \$0.00 |
| Amesbury | 602418 | 2 Modernization | Highway Roadway Reconstruction | AMESBURY- RECONSTRUCTION OF ELM STREET | 43.5 | \$10.50 | \$6.47 | \$3.12 | \$0.92 |
| Amherst | 608084 | 2 Modernization | Highway Roadway Reconstruction | AMHERST- IMPROVEMENTS & RELATED WORK ON ROUTES 9 & 116, FROM UNIVERSITY DRIVE TO SOUTH PLEASANT STREET (0.8 MILES) | 62.5 | \$6.08 | \$0.00 | \$1.76 | \$4.31 |
| Andover | 608620 | 1 Reliability | Highway Safety Improvements | ANDOVER- TEWKSBURY- HIGHWAY LIGHTING SYSTEM REHABILITATION AND REPAIR AT THE INTERCHANGE OF INTERSTATE ROUTES 93 AND 495 | 0 | \$4.96 | \$0.00 | \$2.28 | \$2.67 |
| Arlington | 609222 | 1 Reliability | Highway Roadway Improvements | ARLINGTON- SPY POND SEDIMENT REMOVAL | 0 | \$1.87 | \$1.25 | \$0.62 | \$0.00 |
| Ashland | 604123 | 2 Modernization | Highway Roadway Reconstruction | ASHLAND- RECONSTRUCTION ON ROUTE 126 (POND STREET), FROM THE FRAMINGHAM T.L. TO THE HOLLISTON T.L. | 62.5 | \$20.86 | \$1.05 | \$9.80 | \$10.01 |
| Athol | 608260 | 1 Reliability | Highway Bridge | ATHOL- BRIDGE REPLACEMENT, A-15-005, WASHINGTON AVE OVER ATHOL POND OUTLET & A-15-004, MORGAN AVE OVER ATHOL POND OUTLET | 0 | \$1.97 | \$1.96 | \$0.00 | \$0.00 |
| | 608612 | 1 Reliability | Highway Bridge | ATHOL- BRIDGE REPLACEMENT, A-15-008, CRESCENT STREET OVER MILLERS RIVER | 0 | \$4.46 | \$4.46 | \$0.01 | \$0.00 |
| Attleboro | 608597 | 1 Reliability | Highway Roadway Improvements | ATTLEBORO- STORMWATER IMPROVEMENTS ALONG INTERSTATE 95 | 0 | \$1.16 | \$0.00 | \$0.62 | \$0.54 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|-------------|-------------|-------------------|-------------------------------------|--|-------|-----------|-----------------|----------|----------------|
| Auburn | 608824 | 1 Reliability | Highway Interstate Pavement | ATTLEBORO- PAVEMENT PRESERVATION AND RELATED WORK ON I-95 | 0 | \$9.80 | \$7.07 | \$2.73 | \$0.00 |
| | 607556 | 1 Reliability | Highway Bridge | AUBURN- BRIDGE REHABILITATION, A-17-046, I-90 INTERCHANGE 10 RAMP OVER ROUTE 12 | 0 | \$8.92 | \$0.97 | \$2.04 | \$5.91 |
| | 607733 | 2 Modernization | Highway Roadway Reconstruction | AUBURN- REHABILITATION OF AUBURN STREET, FROM WALSH AVENUE TO MILLBURY STREET | 50.5 | \$3.45 | \$1.59 | \$1.86 | \$0.00 |
| | 608382 | 1 Reliability | Highway Facilities | AUBURN- FACILITY REPAIRS AND IMPROVEMENTS AT AUBURN MAINTENANCE FACILITY ON I-90 (M5) | 0 | \$0.52 | \$0.32 | \$0.20 | \$0.00 |
| Avon | 608086 | 2 Modernization | Highway Intersection Improvements | AVON- INTERSECTION IMPROVEMENTS AT HARRISON BOULEVARD AND POND STREET | 55 | \$4.58 | \$0.30 | \$1.11 | \$3.17 |
| Ayer | 607902 | 2 Modernization | Highway Roadway Reconstruction | AYER- RECLAMATION & RELATED WORK ON ROUTE 2A, FROM HARVARD ROAD TO MAIN STREET | 42 | \$3.21 | \$0.99 | \$2.22 | \$0.00 |
| Barnstable | 606272 | 2 Modernization | Highway Roadway Reconstruction | BARNSTABLE- INTERSECTION IMPROVEMENTS AT IYANOUGH ROAD (ROUTE 28) AND YARMOUTH ROAD | 67 | \$17.27 | \$0.00 | \$3.00 | \$14.27 |
| | 607435 | 2 Modernization | Highway Roadway Reconstruction | BARNSTABLE- INTERSECTION IMPROVEMENTS @ FALMOUTH ROAD (ROUTE 28) & OSTERVILLE-WEST BARNSTABLE ROAD | 53.5 | \$4.02 | \$3.60 | \$0.43 | \$0.00 |
| | 610684 | 1 Reliability | Highway Bridge | BARNSTABLE- SYSTEMATIC BRIDGE PRESERVATION, B-01-011 (49T) AND B-01-016 (49R), ROUTE 149 (MEETING HOUSE WAY) OVER ROUTE 6 MID-CAPE HIGHWAY | 0 | \$1.50 | \$0.20 | \$0.75 | \$0.55 |
| Belchertown | 608412 | 2 Modernization | Highway Roadway Reconstruction | BELCHERTOWN- IMPROVEMENTS & RELATED WORK ON ROUTES 202 & 21, FROM TURKEY HILL ROAD TO SOUTH MAIN STREET (1.2 MILES) | 48 | \$4.01 | \$2.01 | \$2.00 | \$0.00 |

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|-------------|-------------|-------------------|-------------------------------------|--|-------|-----------|-----------------|----------|----------------|
| Belmont | 608911 | 2 Modernization | Highway Roadway Reconstruction | BELMONT- IMPROVEMENTS AT WELLINGTON ELEMENTARY SCHOOL (SRTS) | 0 | \$1.46 | \$0.00 | \$0.67 | \$0.80 |
| Bernardston | 604189 | 1 Reliability | Highway Bridge | BERNARDSTON- BRIDGE REPLACEMENT, B-10-004, U.S. ROUTE 5 (BRATTLEBORO ROAD) OVER SHATTUCK BROOK | 0 | \$2.25 | \$0.74 | \$0.99 | \$0.52 |
| Beverly | 608347 | 2 Modernization | Highway Roadway Reconstruction | BEVERLY- INTERSECTION IMPROVEMENTS @ 3 LOCATIONS: CABOT STREET (ROUTE 1A/97) @ DODGE STREET (ROUTE 1A), COUNTY WAY, LONGMEADOW ROAD & SCOTT STREET, MCKAY STREET @ BALCH STREET & VETERANS MEMORIAL BRIDGE (ROUTE 1A) AT RANTOUL, CABOT, WATER & FRONT STREETS | 54 | \$3.51 | \$1.21 | \$1.98 | \$0.32 |
| Boston | 604173 | 1 Reliability | Highway Bridge | BOSTON- BRIDGE REPLACEMENT, B-16-016, NORTH WASHINGTON STREET OVER THE BOSTON INNER HARBOR | 0 | \$181.82 | \$91.81 | \$50.66 | \$39.35 |
| | 604761 | 3 Expansion | Highway Bicycle and Pedestrian | BOSTON- MULTI-USE TRAIL CONSTRUCTION (SOUTH BAY HARBOR), FROM ALBANY STREET AT UNION PARK STREET TO DORCHESTER AVENUE, INCLUDES TRAVELER STREET AND WEST 4TH STREET | 47 | \$3.31 | \$2.57 | \$0.74 | \$0.00 |
| | 606134 | 2 Modernization | Highway Intersection Improvements | BOSTON- TRAFFIC SIGNAL IMPROVEMENTS ON BLUE HILL AVENUE AND WARREN STREET | 57 | \$4.26 | \$2.92 | \$1.33 | \$0.00 |
| | 606476 | 1 Reliability | Highway Tunnels | BOSTON- ROADWAY, CEILING, ARCH & WALL RECONSTRUCTION AND OTHER CONTROL SYSTEMS IN SUMNER TUNNEL | 0 | \$142.18 | \$0.00 | \$16.00 | \$126.18 |
| | 606660 | 1 Reliability | Highway Tunnels | BOSTON- SUMNER & CALLAHAN TUNNEL VENT BUILDING AND CALLAHAN PUMP STATION MECHANICAL AND ELECTRICAL UPGRADES | 0 | \$43.20 | \$0.00 | \$11.61 | \$31.58 |

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|----------|-------------|-------------------|-------------------------------------|--|-------|-----------|-----------------|----------|----------------|
| BOSTON | 607137 | 1 Reliability | Highway Tunnels | BOSTON- LEAK SEALING, FIREPROOFING & MISCELLANEOUS REPAIRS IN MASSDOT TUNNELS | 0 | \$16.58 | \$11.39 | \$5.19 | \$0.00 |
| | 607437 | 1 Reliability | Highway Facilities | BOSTON- CONSTRUCTION OF A MAINTENANCE FACILITY FOR THE GREENWAY CONSERVATORY | 0 | \$6.21 | \$0.00 | \$0.56 | \$5.65 |
| | 607879 | 2 Modernization | Highway Roadway Reconstruction | BOSTON- SIDEWALK, WHEELCHAIR RAMP & CROSSWALKS REPAIRS AT VARIOUS CA/T LOCATIONS (CRC 25) CONTRACT 1 | 0 | \$4.05 | \$3.95 | \$0.10 | \$0.00 |
| | 607888 | 3 Expansion | Highway Bicycle and Pedestrian | BOSTON- MULTI-USE PATH CONSTRUCTION ON NEW FENWAY (PHASE I) | 41 | \$1.20 | \$0.00 | \$0.66 | \$0.55 |
| | 608755 | 2 Modernization | Highway Intersection Improvements | BOSTON- INTERSECTION IMPROVEMENTS MORTON STREET (ROUTE 203) AT BLUE HILL AVE, AT COURTLAND ROAD/HAVELOCK STREET, AND AT HARVARD STREET | 0 | \$3.13 | \$0.65 | \$2.48 | \$0.00 |
| | 608895 | 1 Reliability | Highway Tunnels | BOSTON- MISCELLANEOUS RAMPS MICROSILICA OVERLAY REPLACEMENT ON I-90 & I-93 (CRC 28) CONTRACT 2 | 0 | \$13.91 | \$0.31 | \$6.50 | \$7.10 |
| | 609121 | 1 Reliability | Highway Tunnels | BOSTON- LIGHTING REPAIRS IN THE TED WILLIAMS TUNNEL (CRC 17C & 17E) | 0 | \$34.92 | \$18.88 | \$16.04 | \$0.00 |
| | 609122 | 1 Reliability | Highway Tunnels | BOSTON- LIGHTING REPAIRS IN THE I-93 TUNNEL (CRC 17D & 17F) | 0 | \$33.52 | \$5.65 | \$15.28 | \$12.59 |
| | 609328 | 1 Reliability | Highway Roadway Improvements | BOSTON- WATER QUALITY CONTROL STRUCTURES (WQCS) CLEAN OUT & REPAIR IN I-90 & I-93 TUNNELS | 0 | \$0.51 | \$0.11 | \$0.20 | \$0.20 |
| | 610894 | 1 Reliability | Highway Tunnels | BOSTON- I-90 & MBTA PRUDENTIAL TUNNEL LIGHTING REHABILITATION | 0 | \$41.67 | \$0.00 | \$4.20 | \$37.47 |

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|-----------|----------------|-------------------|----------------------------------|---|-------|-----------|-----------------|----------|----------------|
| | 610896 | 1 Reliability | Highway Facilities | BOSTON- HVAC MAINTENANCE AND REPAIR OF STATE TRANSPORTATION BUILDING | 0 | \$4.08 | \$0.54 | \$1.03 | \$2.52 |
| | 611956 | 1 Reliability | Highway Roadway Improvements | DISTRICT 6- ASBESTOS AND LEAD REMOVAL AT PARCELS 26A AND 26B | 0 | \$1.25 | \$0.00 | \$1.25 | \$0.00 |
| | 612018 | 1 Reliability | Highway Facilities | BOSTON- ELECTRICAL MAINTENANCE & REPAIR AT THE STATE TRANSPORTATION BUILDING | 0 | \$1.90 | \$0.00 | \$0.54 | \$1.36 |
| | 612019 | 1 Reliability | Highway Facilities | BOSTON- PLUMBING MAINTENANCE & REPAIR AT THE STATE TRANSPORTATION BUILDING | 0 | \$0.87 | \$0.00 | \$0.25 | \$0.62 |
| | 612020 | 1 Reliability | Highway Facilities | BOSTON- VERTICAL TRANSPORTATION EQUIPMENT MAINTENANCE AND REPAIR AT 10 PARK PLAZA AND BLACKSTONE STREET | 0 | \$1.48 | \$0.00 | \$0.23 | \$1.26 |
| | PLUG-1 | 2 Modernization | Highway Allston Multi-Modal | EARLY ACTION ENVIRONMENTAL PERMITTING AND DESIGN (ALLSTON) | 0 | \$25.00 | \$0.00 | \$5.00 | \$20.00 |
| | SFY2021 PLUG53 | 1 Reliability | Highway Roadway Improvements | SEAPORT DISTRICT ROADWAY IMPROVEMENTS | 0 | \$7.50 | \$0.00 | \$2.73 | \$4.78 |
| Bourne | 606900 | 2 Modernization | Highway Roadway Reconstruction | BOURNE- TRAFFIC AND MULTI-MODAL IMPROVEMENTS @ BELMONT CIRCLE AT ROUTES 6/25/28 | 61 | \$5.07 | \$2.02 | \$1.21 | \$1.84 |
| | PLUG-9 | 2 Modernization | Highway Roadway Reconstruction | CAPE COD CANAL INFRASTRUCTURE DESIGN STUDY | 0 | \$45.50 | \$0.00 | \$5.00 | \$40.50 |
| Braintree | 608608 | 1 Reliability | Highway Safety Improvements | BRAINTREE- HIGHWAY LIGHTING IMPROVEMENTS AT I-93/ROUTE 3 INTERCHANGE | 0 | \$6.64 | \$4.14 | \$2.50 | \$0.00 |

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|------------|-------------|-------------------|-------------------------------------|---|-------|-----------|-----------------|----------|----------------|
| Brockton | 608088 | 2 Modernization | Highway Roadway Reconstruction | BROCKTON- CORRIDOR IMPROVEMENTS ON ROUTE 123 (BELMONT STREET), FROM ANGUS BEATON DRIVE TO WEST STREET | 65 | \$5.94 | \$1.50 | \$1.98 | \$2.46 |
| Brookline | 605110 | 2 Modernization | Highway Roadway Reconstruction | BROOKLINE- INTERSECTION & SIGNAL IMPROVEMENTS @ ROUTE 9 & VILLAGE SQUARE (GATEWAY EAST) | 51 | \$8.95 | \$8.90 | \$0.05 | \$0.00 |
| | 606316 | 1 Reliability | Highway Bridge | BROOKLINE- PEDESTRIAN BRIDGE REHABILITATION, B-27-016, OVER MBTA OFF CARLTON STREET | 0 | \$4.15 | \$0.49 | \$3.66 | \$0.00 |
| Buckland | 606463 | 2 Modernization | Highway Roadway Reconstruction | BUCKLAND- RECONSTRUCTION & MINOR WIDENING ON CONWAY STREET, SUMMER STREET, SOUTH STREET & CONWAY ROAD | 34.5 | \$8.33 | \$0.00 | \$2.08 | \$6.25 |
| Charlemont | 606507 | 2 Modernization | Highway Roadway Reconstruction | CHARLEMONT- ROADWAY RECONSTRUCTION AND VILLAGE CENTER TRAFFIC CALMING ON ROUTE 2, FROM MM 29.5 TO MM 31.0 | 30.5 | \$6.54 | \$2.88 | \$2.49 | \$1.16 |
| | 608643 | 1 Reliability | Highway Bridge | CHARLEMONT- BRIDGE REPLACEMENT, C-05-037, WEST OXBOW ROAD OVER WILDER BROOK | 0 | \$1.58 | \$0.45 | \$1.13 | \$0.00 |
| | 608644 | 1 Reliability | Highway Bridge | CHARLEMONT- BRIDGE REPLACEMENT, C-05-008, TOWER ROAD OVER CHICKLEY RIVER | 0 | \$4.32 | \$1.06 | \$2.03 | \$1.23 |
| Chatham | 606596 | 2 Modernization | Highway Roadway Reconstruction | CHATHAM- IMPROVEMENTS ON MAIN STREET (ROUTE 28), FROM GEORGE RYDER ROAD TO BARN HILL ROAD | 39.5 | \$4.01 | \$3.96 | \$0.06 | \$0.00 |
| Chelmsford | 608344 | 2 Modernization | Highway Roadway Reconstruction | CHELMSFORD- INTERSECTION IMPROVEMENTS AT ROUTE 129 AND RIVERNECK ROAD | 55 | \$5.39 | \$3.54 | \$1.85 | \$0.00 |
| | 608375 | 2 Modernization | Highway Intersection Improvements | CHELMSFORD- INTERSECTION IMPROVEMENTS AT BOSTON ROAD AND CONCORD ROAD | 46 | \$2.34 | \$0.36 | \$1.40 | \$0.58 |

Highway

2022 Capital Investment Plan

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|----------|-------------|-------------------|-------------------------------------|--|-------|-----------|-----------------|----------|----------------|
| Chelsea | 604428 | 3 Expansion | Highway Capacity | CHELSEA- SILVERLINE/BRT CONSTRUCTION INCLUDES BRIDGE REPLACEMENT, C-09-001, WASHINGTON AVENUE OVER THE MBTA AND B&M RAILROAD | 0 | \$56.29 | \$56.28 | \$0.01 | \$0.00 |
| | 605287 | 1 Reliability | Highway Bridge | CHELSEA- ROUTE 1 VIADUCT REHABILITATION (SB/NB) ON C-09-007 & C-09-011 | 0 | \$199.52 | \$183.51 | \$16.01 | \$0.00 |
| Chicopee | 602911 | 3 Expansion | Highway Bicycle and Pedestrian | CHICOPEE- CONNECTICUT RIVERWALK & BIKEWAY CONSTRUCTION, FROM BOAT RAMP NEAR I-90 TO NASH FIELD (2.5 MILES), INCLUDES NEW BRIDGE C-13-060 OVER OVERFLOW CHANNEL | 25.5 | \$2.68 | \$1.27 | \$1.42 | \$0.00 |
| | 604434 | 2 Modernization | Highway Roadway Reconstruction | CHICOPEE- RECONSTRUCTION & RELATED WORK ON FULLER ROAD, FROM MEMORIAL DR (RTE 33) TO SHAWINIGAN DR (2.0 MILES) | 47.5 | \$7.51 | \$0.37 | \$4.25 | \$2.89 |
| | 606599 | 2 Modernization | Highway Intersection Improvements | CHICOPEE- TRAFFIC SIGNAL IMPROVEMENTS & RAMP RESURFACING @ I-90 (INTERCHANGE 6) INCLUDING REPAIRS TO C-13-026 | 0 | \$10.00 | \$0.01 | \$5.61 | \$4.38 |
| | 608325 | 1 Reliability | Highway Interstate Pavement | CHICOPEE- INTERSTATE MAINTENANCE & RELATED WORK ON I-90 (MM 46.4 - 50) (3.6 MILES) | 0 | \$8.42 | \$5.40 | \$3.02 | \$0.00 |
| Clinton | 604961 | 2 Modernization | Highway Roadway Reconstruction | CLINTON- RESURFACING & RELATED WORK ON ROUTE 110 (HIGH STREET) | 41.5 | \$2.28 | \$1.83 | \$0.45 | \$0.00 |
| Colrain | 607538 | 2 Modernization | Highway Roadway Reconstruction | COLRAIN- INTERSECTION IMPROVEMENTS @ MAIN ROAD, JACKSONVILLE ROAD (ROUTE 112) & GREENFIELD ROAD | 37 | \$1.64 | \$0.25 | \$1.39 | \$0.00 |
| Dedham | 607901 | 2 Modernization | Highway Roadway Reconstruction | DEDHAM- PEDESTRIAN IMPROVEMENTS ALONG ELM STREET & RUSTCRAFT ROAD CORRIDORS | 49.5 | \$1.80 | \$0.01 | \$0.85 | \$0.94 |
| | 608587 | 1 Reliability | Highway Non-Interstate Pavement | DEDHAM- RECONSTRUCTION & RELATED WORK OF BRIDGE STREET (ROUTE 109) AND AMES STREET | 0 | \$6.89 | \$2.92 | \$1.68 | \$2.30 |

Highway

2022 Capital Investment Plan

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|------------------|-------------|-------------------|-----------------------------------|---|-------|-----------|-----------------|----------|----------------|
| Dennis | 606707 | 2 Modernization | Highway Roadway Reconstruction | DENNIS- CORRIDOR AND STREETSCAPE IMPROVEMENTS ON MAIN STREET (ROUTE 28), FROM DENNIS COMMONS DRIVE TO UPPER COUNTY ROAD | 0 | \$5.77 | \$5.67 | \$0.10 | \$0.00 |
| Dunstable | 608603 | 2 Modernization | Highway Roadway Reconstruction | DUNSTABLE- IMPROVEMENTS ON MAIN STREET (ROUTE 113), FROM PLEASANT STREET TO 750 FT EAST OF WESTFORD STREET | 35.5 | \$4.51 | \$0.00 | \$0.85 | \$3.67 |
| East Bridgewater | 607941 | 2 Modernization | Highway Roadway Reconstruction | EAST BRIDGEWATER- RESURFACING AND SIDEWALK CONSTRUCTION ON BEDFORD STREET (ROUTE 18), FROM WHITMAN STREET (ROUTE 106) TO CENTRAL STREET | 53 | \$8.97 | \$4.88 | \$2.42 | \$1.66 |
| East Brookfield | 608190 | 1 Reliability | Highway Bridge | BROOKFIELD- EAST BROOKFIELD- BRIDGE REPLACEMENT, B-26-006 = E-02-001, SOUTH POND ROAD OVER SOUTH POND INLET | 0 | \$3.02 | \$1.62 | \$1.40 | \$0.00 |
| Easton | 607217 | 2 Modernization | Highway Roadway Reconstruction | EASTON- CORRIDOR IMPROVEMENTS ON DEPOT STREET (ROUTE 123), FROM NEWELL CIRCLE TO WASHINGTON STREET (ROUTE 138) | 39.5 | \$8.83 | \$0.79 | \$2.88 | \$5.15 |
| Erving | 608418 | 1 Reliability | Highway Facilities | ERVING- CONSTRUCTION OF A SALT STORAGE SHED AND RELATED WORK | 0 | \$1.08 | \$0.22 | \$0.86 | \$0.00 |
| Essex | 608596 | 1 Reliability | Highway Bridge | ESSEX- SUPERSTRUCTURE REPLACEMENT, E-11-001 (2TV), ROUTE 133\MAIN STREET OVER ESSEX RIVER | 0 | \$5.68 | \$0.00 | \$1.36 | \$4.32 |
| Everett | 607652 | 2 Modernization | Highway Roadway Reconstruction | EVERETT- RECONSTRUCTION OF FERRY STREET, SOUTH FERRY STREET AND A PORTION OF ELM STREET | 61 | \$30.08 | \$0.00 | \$1.00 | \$29.08 |
| Fall River | 608223 | 1 Reliability | Highway Non-Interstate Pavement | FALL RIVER- RESURFACING AND RELATED WORK ON ROUTE 24 | 0 | \$12.02 | \$8.32 | \$3.70 | \$0.00 |
| | 608619 | 1 Reliability | Highway Bridge | FALL RIVER- BRIDGE REPLACEMENT, F-02-019, WEAVER STREET OVER MASSACHUSETTS COASTAL RAILROAD | 0 | \$6.76 | \$0.00 | \$1.31 | \$5.45 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|------------------|-------------|-------------------|-----------------------------------|--|-------|-----------|-----------------|----------|----------------|
| | 609375 | 1 Reliability | Highway Bridge | FALL RIVER- SYSTEMATIC BRIDGE PRESERVATION, F-02-056 (3T9), MILLIKEN BOULEVARD OVER I-195 | 0 | \$3.68 | \$1.78 | \$1.90 | \$0.00 |
| | 610686 | 1 Reliability | Highway Bridge | FALL RIVER- SYSTEMATIC BRIDGE PRESERVATION, F-02-050 (3VD), ROUTE 79 (NB) OVER ROUTE 24 (SB) | 0 | \$0.96 | \$0.00 | \$0.51 | \$0.45 |
| Falmouth | 609492 | 1 Reliability | Highway Bridge | FALMOUTH- BRIDGE PRESERVATION ON F-03-029 (45N, 45P) | 0 | \$2.05 | \$0.75 | \$1.29 | \$0.01 |
| Framingham | 608228 | 2 Modernization | Highway Roadway Reconstruction | FRAMINGHAM- RECONSTRUCTION OF UNION AVENUE, FROM PROCTOR STREET TO MAIN STREET | 63.5 | \$10.92 | \$0.00 | \$2.91 | \$8.01 |
| | 608836 | 1 Reliability | Highway Roadway Improvements | FRAMINGHAM- DRAINAGE IMPROVEMENTS ON ROUTE 9 AT ROUTE 126 INTERCHANGE AND SALT SHED DEMOLITION | 0 | \$3.65 | \$0.00 | \$1.99 | \$1.66 |
| | 611951 | 1 Reliability | Highway Facilities | FRAMINGHAM- CONSTRUCTION OF OFFICE, SALT SHEDS AND RELATED SITE WORK AT MAINTENANCE DEPOT ON ROUTE 9 | 0 | \$4.33 | \$0.00 | \$0.23 | \$4.10 |
| Gardner | 608888 | 2 Modernization | Highway Roadway Reconstruction | GARDNER- RECLAMATION AND RELATED WORK ON PEARSON BOULEVARD | 31.5 | \$1.63 | \$0.00 | \$0.44 | \$1.19 |
| | 608891 | 1 Reliability | Highway Non-Interstate Pavement | GARDNER- RESURFACING AND RUMBLE STRIP INSTALLATION ON ROUTE 140 | 36.5 | \$1.89 | \$0.00 | \$1.03 | \$0.86 |
| Grafton | 607903 | 2 Modernization | Highway Roadway Reconstruction | GRAFTON- RECLAMATION ON ROUTE 122A (MAIN STREET), FROM PROVIDENCE ROAD TO SUTTON T.L. | 43.5 | \$8.06 | \$0.00 | \$3.39 | \$4.67 |
| Great Barrington | 607756 | 2 Modernization | Highway Roadway Reconstruction | GREAT BARRINGTON- INTERSECTION & SIGNAL IMPROVEMENTS ON US 7 (SOUTH MAIN STREET) AT SR 23 & SR 41 (MAPLE AVENUE) | 51.5 | \$1.91 | \$0.14 | \$1.30 | \$0.47 |

Highway

2022 Capital Investment Plan

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|------------|-------------|-------------------|----------------------------------|--|-------|-----------|-----------------|----------|----------------|
| Greenfield | 606548 | 1 Reliability | Highway Bridge | GREENFIELD- BRIDGE REPLACEMENT, G-12-052 (OXR) & G-12-053 (OXT), I-91 (NB & SB) OVER BMRR | 0 | \$18.89 | \$7.59 | \$5.80 | \$5.50 |
| | 608724 | 2 Modernization | Highway Roadway Reconstruction | GREENFIELD- RECONSTRUCTION OF WISDOM WAY, FROM 480 FEET EAST OF PETTY PLAIN ROAD TO MILL STREET (0.43 MILES) | 35.5 | \$3.29 | \$0.00 | \$1.49 | \$1.79 |
| Groveland | 608298 | 3 Expansion | Highway Bicycle and Pedestrian | GROVELAND- GROVELAND COMMUNITY TRAIL, FROM MAIN STREET TO KING STREET | 28 | \$2.89 | \$0.00 | \$0.72 | \$2.17 |
| Hadley | 605032 | 3 Expansion | Highway Capacity | HADLEY- RECONSTRUCTION ON ROUTE 9, FROM MIDDLE STREET TO MAPLE/SOUTH MAPLE STREET | 68 | \$27.09 | \$0.00 | \$1.66 | \$25.44 |
| Hardwick | 606220 | 2 Modernization | Highway Roadway Reconstruction | HARDWICK- RESURFACING & RELATED WORK ON THE GILBERTVILLE SECTIONS OF ROUTES 32 AND 32A | 44 | \$5.10 | \$0.00 | \$1.46 | \$3.64 |
| Haverhill | 605306 | 1 Reliability | Highway Bridge | HAVERHILL- BRIDGE REPLACEMENT, H-12-039, I-495 (NB & SB) OVER MERRIMACK RIVER | 0 | \$97.22 | \$80.87 | \$16.35 | \$0.00 |
| | 608027 | 3 Expansion | Highway Bicycle and Pedestrian | HAVERHILL- BRADFORD RAIL TRAIL EXTENSION, FROM ROUTE 125 TO RAILROAD STREET | 26 | \$1.10 | \$0.17 | \$0.93 | \$0.00 |
| | 608761 | 2 Modernization | Highway Roadway Reconstruction | HAVERHILL- INTERSECTION RECONSTRUCTION ON ROUTE 108 (NEWTON ROAD) AT ROUTE 110 (KENOZA AVENUE AND AMESBURY ROAD) | 50 | \$3.28 | \$0.00 | \$0.87 | \$2.40 |
| Hingham | 600518 | 2 Modernization | Highway Roadway Reconstruction | HINGHAM- INTERSECTION IMPROVEMENTS AT DERBY STREET, WHITING STREET (ROUTE 53) AND GARDNER STREET | 0 | \$2.70 | \$2.69 | \$0.01 | \$0.00 |
| Holbrook | 606501 | 2 Modernization | Highway Roadway Reconstruction | HOLBROOK- RECONSTRUCTION OF UNION STREET (ROUTE 139), FROM LINFIELD STREET TO CENTRE STREET/WATER STREET | 41 | \$3.00 | \$0.22 | \$1.20 | \$1.59 |

Highway

2022 Capital Investment Plan

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|-------------|-------------|-------------------|-----------------------------------|---|-------|-----------|-----------------|----------|----------------|
| Holyoke | 600936 | 1 Reliability | Highway Bridge | HOLYOKE- BRIDGE REPLACEMENT, H-21-018, LYMAN STREET OVER FIRST LEVEL CANAL | 0 | \$6.53 | \$5.10 | \$1.43 | \$0.00 |
| Hopkinton | 606043 | 2 Modernization | Highway Roadway Reconstruction | HOPKINTON- SIGNAL & INTERSECTION IMPROVEMENTS ON ROUTE 135 | 69 | \$9.15 | \$1.13 | \$3.15 | \$4.87 |
| Hubbardston | 604636 | 1 Reliability | Highway Bridge | HUBBARDSTON- BRIDGE REPLACEMENT, H-24-021 & H-24-027, STATE ROUTE 62 OVER WEST BRANCH OF THE WARE RIVER | 0 | \$2.09 | \$1.39 | \$0.71 | \$0.00 |
| | 607127 | 1 Reliability | Highway Bridge | HUBBARDSTON- BRIDGE REPLACEMENT, H-24-009, EVERGREEN ROAD OVER MASON BROOK | 0 | \$1.94 | \$1.54 | \$0.40 | \$0.00 |
| Hull | 601607 | 2 Modernization | Highway Roadway Reconstruction | HULL- RECONSTRUCTION OF ATLANTIC AVENUE AND RELATED WORK FROM NANTASKET AVENUE TO COHASSET TOWN LINE | 26 | \$7.35 | \$0.00 | \$2.45 | \$4.90 |
| Kingston | 609376 | 1 Reliability | Highway Bridge | KINGSTON- SYSTEMATIC BRIDGE PRESERVATION, K-01-011 (AGD), ROUTE 3 OVER JONES RIVER | 0 | \$3.00 | \$1.19 | \$1.82 | \$0.00 |
| Lawrence | 609251 | 2 Modernization | Highway Roadway Reconstruction | LAWRENCE- INTERSECTION IMPROVEMENTS AT SOUTH BROADWAY (ROUTE 28) AND MOUNT VERNON STREET | 43 | \$0.90 | \$0.12 | \$0.64 | \$0.14 |
| Lee | 609104 | 1 Reliability | Highway Non-Interstate Pavement | LEE- RESURFACING AND RELATED WORK ON ROUTE 20 | 0 | \$1.13 | \$1.50 | -\$0.37 | \$0.00 |
| | 609281 | 1 Reliability | Highway Interstate Pavement | LEE- RESURFACING AND RELATED WORK ON I-90 | 0 | \$10.18 | \$0.41 | \$5.50 | \$4.27 |
| Lenox | 608636 | 1 Reliability | Highway Bridge | LENOX- SUPERSTRUCTURE REPLACEMENT, L-07-006, ROARING BROOK ROAD OVER ROARING BROOK | 0 | \$1.32 | \$0.00 | \$0.20 | \$1.12 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|------------|-------------|-------------------|-------------------------------------|--|-------|-----------|-----------------|----------|----------------|
| Leominster | 605651 | 2 Modernization | Highway Roadway Reconstruction | LEOMINSTER- RECONSTRUCTION ON ROUTE 13, FROM HAWES STREET TO PROSPECT STREET | 58.5 | \$4.77 | \$0.77 | \$4.00 | \$0.00 |
| | 608561 | 2 Modernization | Highway Intersection Improvements | LEOMINSTER- IMPROVEMENTS AT ROUTE 12 (NORTH MAIN STREET) AT HAMILTON STREET; ROUTE 12 (NORTH MAIN STREET) AT NELSON STREET | 53.5 | \$8.02 | \$0.00 | \$0.96 | \$7.05 |
| Lexington | 611937 | 1 Reliability | Highway Facilities | LEXINGTON- CONSTRUCTION OF A PRE-ENGINEERED EQUIPMENT REPAIR GARAGE AT THE LEXINGTON DEPOT | 0 | \$3.97 | \$0.00 | \$0.42 | \$3.56 |
| Lowell | 602932 | 1 Reliability | Highway Bridge | LOWELL- BRIDGE REPLACEMENT, L-15-058, VFW HIGHWAY OVER BEAVER BROOK | 0 | \$14.84 | \$12.35 | \$2.49 | \$0.00 |
| | 606189 | 2 Modernization | Highway Intersection Improvements | LOWELL- IMPROVEMENTS ON ROUTE 38 AT FOUR INTERSECTIONS | 62.5 | \$3.87 | \$3.38 | \$0.49 | \$0.00 |
| | 608257 | 1 Reliability | Highway Bridge | LOWELL- DECK REPLACEMENTS, L-15-068 (2H5) AND (2HG), LOWELL CONNECTOR OVER INDUSTRIAL AVENUE EAST | 0 | \$4.41 | \$2.93 | \$1.48 | \$0.00 |
| | 608420 | 1 Reliability | Highway Bridge | LOWELL- RECONSTRUCTION AND REHABILITATION OF FIVE BRIDGES (ENEL BRIDGES) TIGER GRANT | 34 | \$12.93 | \$10.60 | \$1.64 | \$0.70 |
| | PLUG-18 | 2 Modernization | Highway Roadway Reconstruction | LOWELL - RECONSTRUCTION OF LORD OVERPASS | 0 | \$2.44 | \$0.00 | \$2.44 | \$0.00 |
| Lunenburg | 608657 | 1 Reliability | Highway Bridge | LUNENBURG- BRIDGE REHABILITATION, L-17-009, ROUTE 2A OVER PEARL HILL BROOK | 0 | \$1.52 | \$0.10 | \$1.13 | \$0.29 |
| Malden | 608275 | 2 Modernization | Highway Roadway Reconstruction | MALDEN- EXCHANGE STREET DOWNTOWN IMPROVEMENT PROJECT | 51 | \$1.86 | \$1.14 | \$0.71 | \$0.00 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|---------------|-------------|-------------------|-----------------------------------|---|-------|-----------|-----------------|----------|----------------|
| Marblehead | 608146 | 2 Modernization | Highway Roadway Reconstruction | MARBLEHEAD- INTERSECTION IMPROVEMENTS AT PLEASANT STREET & VILLAGE, VINE AND CROSS STREETS | 46.5 | \$0.61 | \$0.00 | \$0.35 | \$0.26 |
| Marlborough | 608467 | 1 Reliability | Highway Non-Interstate Pavement | MARLBOROUGH- RESURFACING AND RELATED WORK ON ROUTE 20 | 0 | \$16.81 | \$0.00 | \$3.84 | \$12.97 |
| Mashpee | 607319 | 2 Modernization | Highway Roadway Reconstruction | MASHPEE- CORRIDOR IMPROVEMENTS & RELATED WORK ON ROUTE 151, FROM OLD BARNSTABLE ROAD TO THE MASHPEE ROTARY (PHASE 1) | 54 | \$16.44 | \$0.00 | \$3.08 | \$13.36 |
| Mattapoissett | 605677 | 3 Expansion | Highway Bicycle and Pedestrian | MATTAPOISETT- MULTI-USE PATH CONSTRUCTION (PENN CENTRAL RIGHT OF WAY), FROM MATTAPOISETT NECK ROAD TO DEPOT STREET (PHASE 1B) | 20 | \$7.16 | \$6.41 | \$0.75 | \$0.00 |
| Maynard | 608637 | 1 Reliability | Highway Bridge | MAYNARD- BRIDGE REPLACEMENT, M-10-006, CARRYING FLORIDA ROAD OVER THE ASSABET RIVER | 0 | \$3.53 | \$0.00 | \$0.61 | \$2.93 |
| Medford | 608835 | 2 Modernization | Highway Roadway Reconstruction | MEDFORD- IMPROVEMENTS AT BROOKS ELEMENTARY SCHOOL (SRTS) | 0 | \$0.88 | \$0.63 | \$0.24 | \$0.00 |
| Middleborough | 607719 | 2 Modernization | Highway Roadway Reconstruction | MIDDLEBOROUGH- INTERSECTION IMPROVEMENTS & RELATED WORK AT JOHN GLASS SQUARE | 53.5 | \$1.98 | \$0.80 | \$1.18 | \$0.00 |
| | 608825 | 1 Reliability | Highway Interstate Pavement | MIDDLEBOROUGH- PAVEMENT PRESERVATION AND RELATED WORK ON I-495 | 0 | \$3.18 | \$1.59 | \$1.59 | \$0.00 |
| | 609196 | 1 Reliability | Highway Facilities | MIDDLEBOROUGH- CONSTRUCTION OF A PRE-ENGINEERED MODULAR OFFICE BUILDING (VINE STREET MAINTENANCE DEPOT) | 0 | \$0.83 | \$0.00 | \$0.83 | \$0.00 |
| Millbury | 607418 | 1 Reliability | Highway Bridge | MILLBURY- SUPERSTRUCTURE REPLACEMENT, M-22-038, I-90 RAMPS @ INTERCHANGE 11 | 0 | \$9.23 | \$0.96 | \$4.86 | \$3.41 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|-----------------------------|-------------|-------------------|----------------------------------|--|-------|-----------|-----------------|----------|----------------|
| Milton | 611936 | 1 Reliability | Highway Facilities | MILLBURY- METAL BUILDING ATERATIONS AT 98 WORCESTER-PROVIDENCE TURNPIKE (ROUTE 146) | 0 | \$0.91 | \$0.00 | \$0.91 | \$0.00 |
| | 607330 | 2 Modernization | Highway Roadway Reconstruction | MILTON- DECK RECONSTRUCTION OVER SE EXPRESSWAY (EAST MILTON SQUARE), INCLUDES PARKING & NEW LANDSCAPED AREA | 54 | \$4.06 | \$1.52 | \$2.54 | \$0.00 |
| Multiple - See Project Name | 29492 | 3 Expansion | Highway Capacity | BEDFORD- BILLERICA- MIDDLESEX TURNPIKE IMPROVEMENTS, FROM CROSBY DRIVE NORTH TO MANNING ROAD, INCLUDES RECONSTRUCTION OF B-04-006 (PHASE III) | 0 | \$35.36 | \$16.22 | \$13.14 | \$5.99 |
| | 601186 | 1 Reliability | Highway Bridge | GREENFIELD- MONTAGUE- BRIDGE REHABILITATION, G-12-020=M-28-001, MONTAGUE CITY ROAD OVER CONNECTICUT RIVER (GENERAL PIERCE BRIDGE) | 0 | \$17.59 | \$5.07 | \$6.60 | \$5.92 |
| | 601630 | 3 Expansion | Highway Capacity | WEYMOUTH- ABINGTON- RECONSTRUCTION & WIDENING ON ROUTE 18 (MAIN STREET) FROM HIGHLAND PLACE TO ROUTE 139 (4.0 MILES) INCLUDES REPLACING W-32-013, ROUTE 18 OVER THE OLD COLONY RAILROAD (MBTA) | 0 | \$70.77 | \$53.71 | \$17.06 | \$0.00 |
| | 604952 | 1 Reliability | Highway Bridge | LYNN- SAUGUS- BRIDGE REPLACEMENT, L-18-016=S-05-008, ROUTE 107 OVER THE SAUGUS RIVER (AKA - BELDEN G. BLY BRIDGE) | 0 | \$96.65 | \$4.75 | \$16.00 | \$75.90 |
| | 605384 | 1 Reliability | Highway Bridge | AGAWAM- WEST SPRINGFIELD- BRIDGE REPLACEMENT, A-05-002=W-21-014, ROUTE 147 OVER THE WESTFIELD RIVER & INTERSECTION & SIGNAL IMPROVEMENTS @ 3 LOCATIONS | 0 | \$25.75 | \$23.98 | \$1.63 | \$0.15 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|----------|-------------|-------------------|--|--|-------|-----------|-----------------|----------|----------------|
| | 605957 | 1 Reliability | Highway Bridge | BOSTON- CHELSEA- DECK REHABILITATION ON TOBIN BRIDGE, B-16-017, FROM C4 TO C30 (PHASE VII) INCLUDING STRUCTURAL STEEL REPAIRS TO CHELSEA CROSS-GIRDERS & RELATED WORK TO EVERETT STREET ON-RAMP, CLEANING AND PAINTING, DRY STANDPIPE INSTALLATION | 0 | \$52.35 | \$52.25 | \$0.10 | \$0.00 |
| | 606011 | 2 Modernization | Highway Roadway Reconstruction | DEERFIELD- WHATELY- RESURFACING & RELATED WORK ON ROUTES 5 &10, FROM OLD STATE ROAD TO CONWAY ROAD (1.1 MILES) | 51 | \$3.64 | \$1.23 | \$2.41 | \$0.00 |
| | 606146 | 3 Expansion | Highway Capacity | CANTON- NORWOOD- WESTWOOD- DEDHAM STREET/I-95 INTERCHANGE RECONSTRUCTION INCLUDING REHABILITATION/REPLACEMENT OF 5 BRIDGES | 49.5 | \$48.30 | \$17.89 | \$10.43 | \$19.98 |
| | 606223 | 3 Expansion | Highway Bicycle and Pedestrian | ACTON- CONCORD- BRUCE FREEMAN RAIL TRAIL CONSTRUCTION, INCLUDES REPLACING BRIDGE C-19-037, RAIL TRAIL OVER NASHOBA BROOK, NEW BRIDGE C-19-039, RAIL TRAIL OVER ROUTE 2 & NEW CULVERT C-19-040, ROUTE 2 OVER WILDLIFE CROSSING (PHASE II-B) | 31.5 | \$10.12 | \$6.82 | \$3.11 | \$0.20 |
| | 606283 | 2 Modernization | Highway Intelligent Transportation Systems | HOPKINTON TO ANDOVER- INSTALLATION OF CAMERAS, MESSAGE SIGNS & COMMUNICATION INFRASTRUCTURE ON I-495 (DESIGN-BUILD) | 0 | \$9.82 | \$9.74 | \$0.08 | \$0.00 |
| | 606284 | 2 Modernization | Highway Roadway Reconstruction | BOSTON- BROOKLINE- IMPROVEMENTS TO COMMONWEALTH AVENUE, FROM ARMORY STREET TO ALCORN STREET | 0 | \$20.34 | \$20.11 | \$0.23 | \$0.00 |
| | 606381 | 1 Reliability | Highway Safety Improvements | CAMBRIDGE- ARLINGTON- BELMONT- LEXINGTON- HIGHWAY LIGHTING REPAIR & MAINTENANCE ON ROUTE 2 | 0 | \$16.28 | \$9.51 | \$5.26 | \$1.51 |
| | 606406 | 2 Modernization | Highway Roadway Reconstruction | HINSDALE- PERU- RECONSTRUCTION OF SKYLINE TRAIL (MIDDLEFIELD ROAD) | 27 | \$7.86 | \$0.00 | \$3.14 | \$4.72 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|----------|-------------|-------------------|--|--|-------|-----------|-----------------|----------|----------------|
| Highway | 606432 | 2 Modernization | Highway Intelligent Transportation Systems | LEXINGTON- BURLINGTON- WOBURN- STONEHAM- READING- WAKEFIELD- LYNNFIELD- EXPANSION OF FIBER & CCTV ON I-95 | 0 | \$5.09 | \$5.02 | \$0.07 | \$0.00 |
| | 606553 | 1 Reliability | Highway Bridge | HANOVER- NORWELL- BRIDGE REPLACEMENT, H-06-010, ST 3 OVER ST 123 (WEBSTER STREET) & N-24-003, ST 3 OVER HIGH STREET | 0 | \$33.37 | \$33.37 | \$0.00 | \$0.00 |
| | 606619 | 1 Reliability | Highway Safety Improvements | WEST STOCKBRIDGE TO AUBURN- GUIDE & TRAFFIC SIGN REPLACEMENT ON I-90 (MASSPIKE) | 0 | \$7.36 | \$6.96 | \$0.40 | \$0.00 |
| | 606620 | 1 Reliability | Highway Safety Improvements | RAYNHAM TO BOLTON- GUIDE & TRAFFIC SIGN REPLACEMENT ON I-495 | 0 | \$8.39 | \$7.76 | \$0.63 | \$0.00 |
| | 606632 | 1 Reliability | Highway Bridge | HOPKINTON- WESTBOROUGH- BRIDGE REPLACEMENT, H-23-006=W-24-016, FRUIT STREET OVER CSX & SUDBURY RIVER | 0 | \$9.90 | \$0.62 | \$8.19 | \$1.09 |
| | 606635 | 2 Modernization | Highway Roadway Reconstruction | NEEDHAM- NEWTON- RECONSTRUCTION OF HIGHLAND AVENUE, NEEDHAM STREET & CHARLES RIVER BRIDGE, N-04-002, FROM WEBSTER STREET (NEEDHAM) TO ROUTE 9 (NEWTON) | 66.5 | \$26.61 | \$3.41 | \$6.73 | \$16.48 |
| | 606739 | 1 Reliability | Highway Facilities | DISTRICT 6- FIRE DETECTION PANEL REPLACEMENT (PHASES 1-5) | 0 | \$3.53 | \$3.39 | \$0.13 | \$0.00 |
| | 606848 | 1 Reliability | Highway Tunnels | DISTRICT 6- COMMUNICATIONS UPGRADE ON I-90/I-93 | 0 | \$1.45 | \$1.17 | \$0.28 | \$0.00 |
| | 606886 | 1 Reliability | Highway Bridge | MONTGOMERY- RUSSELL- BRIDGE PRESERVATION, M-30-008=R-13-018 (4GT), I-90 OVER US 20, WESTFIELD RIVER & CSX RR | 0 | \$49.40 | \$9.24 | \$13.97 | \$26.20 |
| | 606891 | 3 Expansion | Highway Bicycle and Pedestrian | LANESBOROUGH- PITTSFIELD- ASHUWILLTICOOK RAIL TRAIL EXTENSION TO CRANE AVENUE | 35 | \$2.44 | \$0.84 | \$1.60 | \$0.00 |

Highway

2022 Capital Investment Plan

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|----------|-------------|-------------------|--|--|-------|-----------|-----------------|----------|----------------|
| | 606927 | 2 Modernization | Highway Intelligent Transportation Systems | STATEWIDE- REPLACEMENT OF VARIABLE MESSAGE SIGNS (VMS) | 0 | \$3.17 | \$3.02 | \$0.12 | \$0.03 |
| | 606938 | 2 Modernization | Highway Intelligent Transportation Systems | DISTRICT 4- DISTRICT 6- EXPANSION OF ITS EQUIPMENT (CCTV CAMERAS, TRAFFIC SENSORS, AND VMS) FOR HIGHWAY OPERATIONS | 0 | \$5.52 | \$3.83 | \$0.69 | \$0.99 |
| | 607181 | 1 Reliability | Highway Interstate Pavement | MARLBOROUGH- NORTHBOROUGH- INTERSTATE MAINTENANCE & RELATED WORK ON I-290 | 0 | \$15.52 | \$15.38 | \$0.14 | \$0.00 |
| | 607182 | 1 Reliability | Highway Interstate Pavement | DEERFIELD- BERNARDSTON- GREENFIELD- INTERSTATE MAINTENANCE & RELATED WORK ON ROUTE I-91 | 0 | \$14.29 | \$14.22 | \$0.07 | \$0.00 |
| | 607422 | 2 Modernization | Highway Intelligent Transportation Systems | STATEWIDE- REAL TIME TRAVEL MONITORING SYSTEM (RTTM) | 0 | \$14.59 | \$14.59 | \$0.00 | \$0.00 |
| | 607428 | 2 Modernization | Highway Roadway Reconstruction | HOPEDALE- MILFORD- RESURFACING & INTERSECTION IMPROVEMENTS ON ROUTE 16 (MAIN STREET), FROM WATER STREET WEST TO APPROXIMATELY 120 FEET WEST OF THE MILFORD/HOPEDALE T.L AND THE INTERSECTION OF ROUTE 140. | 62 | \$2.87 | \$1.71 | \$1.16 | \$0.00 |
| | 607474 | 1 Reliability | Highway Non-Interstate Pavement | GRANBY- SOUTH HADLEY- RESURFACING & RELATED WORK ON ROUTE 202, FROM LYMAN STREET SOUTH HADLEY TO PLEASANT STREET GRANBY (2 MILES) | 0 | \$4.24 | \$0.01 | \$3.90 | \$0.34 |
| | 607477 | 1 Reliability | Highway Non-Interstate Pavement | LYNNFIELD- PEABODY- RESURFACING & RELATED WORK ON ROUTE 1 | 0 | \$9.80 | \$0.69 | \$7.06 | \$2.05 |
| | 607479 | 1 Reliability | Highway Interstate Pavement | SHREWSBURY- BOYLSTON- NORTHBORO- INTERSTATE MAINTENANCE & RELATED WORK ON I-290 | 0 | \$17.49 | \$16.61 | \$0.88 | \$0.00 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|----------|-------------|-------------------|--|--|-------|-----------|-----------------|----------|----------------|
| Highway | 607482 | 2 Modernization | Highway Intelligent Transportation Systems | DISTRICT 5- DISTRICT 6- ITS CONSTRUCTION ON ROUTE 3, FROM BRAINTREE TO PLYMOUTH | 0 | \$4.40 | \$4.36 | \$0.04 | \$0.00 |
| | 607483 | 2 Modernization | Highway Intelligent Transportation Systems | DISTRICT 5- ITS CAMERA & VMS CONSTRUCTION ON ROUTE 24, FROM STOUGHTON TO FALL RIVER (37 MILES) | 0 | \$3.11 | \$3.11 | \$0.00 | \$0.00 |
| | 607484 | 2 Modernization | Highway Intelligent Transportation Systems | DISTRICT 3- INSTALLATION OF CCTV CAMERAS AND VMS ON I-290, BETWEEN I-495 AND I-90 | 0 | \$3.93 | \$3.66 | \$0.27 | \$0.00 |
| | 607487 | 2 Modernization | Highway Intelligent Transportation Systems | DISTRICT 3- EXPANSION OF ITS EQUIPMENT (CCTV CAMERAS, TRAFFIC SENSORS, AND VMS) FOR HIGHWAY OPERATIONS | 0 | \$2.93 | \$2.52 | \$0.25 | \$0.16 |
| | 607560 | 1 Reliability | Highway Interstate Pavement | CHICOPEE- HOLYOKE- INTERSTATE MAINTENANCE & RELATED WORK ON I-391 | 0 | \$13.88 | \$7.95 | \$5.93 | \$0.00 |
| | 607561 | 1 Reliability | Highway Interstate Pavement | ANDOVER- METHUEN- INTERSTATE MAINTENANCE & RELATED WORK ON I-93 | 0 | \$20.59 | \$19.77 | \$0.82 | \$0.00 |
| | 607563 | 1 Reliability | Highway Interstate Pavement | WAREHAM- ROCHESTER- MIDDLEBORO- INTERSTATE MAINTENANCE & RELATED WORK ON I-495 | 0 | \$11.71 | \$11.57 | \$0.13 | \$0.00 |
| | 607566 | 1 Reliability | Highway Interstate Pavement | SEEKONK- REHOBOTH- INTERSTATE MAINTENANCE & RELATED WORK ON I-195 | 0 | \$8.44 | \$8.34 | \$0.10 | \$0.00 |
| | 607674 | 1 Reliability | Highway Bridge | BUCKLAND- CHARLEMONT- BRIDGE REHABILITATION, B-28-009=C-05-013, ST 2 OVER DEERFIELD RIVER | 0 | \$12.22 | \$2.32 | \$6.30 | \$3.61 |
| | 607688 | 1 Reliability | Highway Bridge | MONSON- PALMER- BRIDGE REPLACEMENT, M-27-022=P-01-033, PARK ST/BOSTON ROAD EAST (US 20) OVER THE QUABOAG RIVER | 0 | \$8.78 | \$0.01 | \$2.74 | \$6.04 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|----------|-------------|-------------------|-------------------------------------|--|-------|-----------|-----------------|----------|----------------|
| | 607730 | 3 Expansion | Highway Capacity | FALL RIVER- NEW BEDFORD- BRIDGE REPLACEMENTS, F-02-091, COUNTRY CLUB ROAD OVER MAC RR, F-02-029, MAC RR OVER BROWNELL STREET, F-02-030, MAC RR OVER PRESIDENT AVENUE, & N-06-024, MAC RR OVER ROUTE 18 & WAMSUTTA STREET | 0 | \$49.77 | \$49.76 | \$0.00 | \$0.00 |
| | 607732 | 3 Expansion | Highway Bicycle and Pedestrian | FRAMINGHAM- NATICK- COCHITUATE RAIL TRAIL CONSTRUCTION INCLUDING PEDESTRIAN BRIDGE, N-03-014, OVER ROUTE 9 & F-07-033=N-03-029 OVER ROUTE 30 | 35.5 | \$9.88 | \$9.38 | \$0.50 | \$0.00 |
| | 607736 | 2 Modernization | Highway Intersection Improvements | CHICOPEE- SOUTH HADLEY- SIGNAL & INTERSECTION IMPROVEMENTS AT 13 INTERSECTIONS ALONG ROUTE 33 (MEMORIAL DRIVE), FROM FULLER ROAD TO ABBEY STREET | 55.5 | \$6.01 | \$5.01 | \$1.00 | \$0.00 |
| | 607853 | 1 Reliability | Highway Roadway Improvements | DISTRICT 1- SCHEDULED & EMERGENCY DRAINAGE REPAIRS & IMPROVEMENTS AT VARIOUS LOCATIONS | 0 | \$0.21 | \$0.12 | \$0.03 | \$0.06 |
| | 607855 | 1 Reliability | Highway Bridge | DISTRICT 1- SCHEDULED & EMERGENCY SUBSTRUCTURE REPAIRS AT VARIOUS LOCATIONS | 0 | \$0.44 | \$0.09 | \$0.23 | \$0.13 |
| | 607916 | 1 Reliability | Highway Safety Improvements | FALL RIVER TO RANDOLPH- GUIDE & TRAFFIC SIGN REPLACEMENT ON A SECTION OF ROUTE 24 | 0 | \$6.17 | \$6.05 | \$0.12 | \$0.00 |
| | 607917 | 1 Reliability | Highway Safety Improvements | AUBURN TO WORCESTER- GUIDE & TRAFFIC SIGN REPLACEMENT ON A SECTION OF INTERSTATE 290 | 0 | \$4.27 | \$3.07 | \$1.20 | \$0.00 |
| | 607919 | 1 Reliability | Highway Safety Improvements | BOLTON TO LOWELL- GUIDE & TRAFFIC SIGN REPLACEMENT ON A SECTION OF INTERSTATE 495 | 0 | \$3.95 | \$2.29 | \$1.65 | \$0.00 |
| | 607950 | 1 Reliability | Highway Safety Improvements | DISTRICT 3- SCHEDULED AND EMERGENCY IMPACT ATTENUATOR REPAIRS AND REPLACEMENT AT VARIOUS LOCATIONS | 0 | \$0.54 | \$0.10 | \$0.27 | \$0.17 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|----------|-------------|-------------------|-------------------------------------|---|-------|-----------|-----------------|----------|----------------|
| Highway | 607954 | 1 Reliability | Highway Bridge | DANVERS- BRIDGE REPLACEMENT, D-03-018, ST 128 OVER WATERS RIVER | 0 | \$24.72 | \$15.76 | \$7.95 | \$1.01 |
| | 607977 | 2 Modernization | Highway Roadway Reconstruction | HOPKINTON- WESTBOROUGH- RECONSTRUCTION OF I-90/I-495 INTERCHANGE | 49 | \$436.81 | \$0.00 | \$16.18 | \$420.63 |
| | 608056 | 1 Reliability | Highway Bridge | ERVING- GILL- PROTECTIVE SCREENING INSTALLATION, E-10-014=G-04-009 (OUC), ROUTE 2 OVER CONNECTICUT RIVER | 0 | \$3.85 | \$0.00 | \$0.56 | \$3.29 |
| | 608069 | 1 Reliability | Highway Non-Interstate Pavement | MARSHFIELD- PEMBROKE- NORWELL- HANOVER- ROCKLAND- HINGHAM- RESURFACING & RELATED WORK ON ROUTE 3 | 0 | \$16.67 | \$9.05 | \$7.63 | \$0.00 |
| | 608143 | 2 Modernization | Highway Intersection Improvements | ABINGTON- BROCKTON- INTERSECTION IMPROVEMENTS AT NORTH QUINCY STREET, BOUNDARY AVENUE AND CHESTNUT STREET | 40 | \$1.90 | \$1.80 | \$0.10 | \$0.00 |
| | 608193 | 3 Expansion | Highway Bicycle and Pedestrian | FITCHBURG- LEOMINSTER- TWIN CITIES RAIL TRAIL CONSTRUCTION (PHASE I) | 45 | \$9.11 | \$5.47 | \$3.64 | \$0.00 |
| | 608204 | 1 Reliability | Highway Safety Improvements | ATTLEBORO TO NORWOOD- GUIDE AND TRAFFIC SIGN REPLACEMENT ON A SECTION OF I-95 | 0 | \$6.68 | \$2.99 | \$3.69 | \$0.00 |
| | 608205 | 1 Reliability | Highway Safety Improvements | READING TO LYNNFIELD- GUIDE AND TRAFFIC SIGN REPLACEMENT ON A SECTION OF I-95 (SR 128) | 0 | \$3.63 | \$0.49 | \$2.90 | \$0.24 |
| | 608206 | 1 Reliability | Highway Safety Improvements | CHELSEA TO DANVERS- GUIDE AND TRAFFIC SIGN REPLACEMENT ON A SECTION OF US ROUTE 1 | 0 | \$5.57 | \$0.78 | \$4.79 | \$0.00 |
| | 608210 | 1 Reliability | Highway Interstate Pavement | FOXBOROUGH- PLAINVILLE- WRENTHAM- FRANKLIN- INTERSTATE MAINTENANCE & RELATED WORK ON I-495 NORTHBOUND | 0 | \$6.23 | \$0.60 | \$5.08 | \$0.55 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|----------|-------------|-------------------|-------------------------------------|--|-------|-----------|-----------------|----------|----------------|
| Highway | 608222 | 1 Reliability | Highway Non-Interstate Pavement | BOURNE- WAREHAM- RESURFACING AND RELATED WORK ON ROUTE 25 | 0 | \$8.51 | \$7.13 | \$1.38 | \$0.00 |
| | 608225 | 2 Modernization | Highway ADA Retrofits | DISTRICT 1- ADA RETROFITS AT VARIOUS LOCATIONS | 0 | \$0.86 | \$0.53 | \$0.33 | \$0.00 |
| | 608234 | 1 Reliability | Highway Bridge | RANDOLPH- BRIDGE PRESERVATION OF 2 BRIDGES: R-01-005 & R-01-007 | 0 | \$5.22 | \$3.48 | \$1.74 | \$0.00 |
| | 608237 | 1 Reliability | Highway Bridge | WORCESTER- BOYLSTON- NORTHBOROUGH- STRUCTURAL STEEL CLEANING AND PAINTING AND VARIOUS REPAIRS OF OVERHEAD BRIDGES ON I-290 | 0 | \$2.05 | \$0.56 | \$1.50 | \$0.00 |
| | 608295 | 2 Modernization | Highway Intersection Improvements | DISTRICT 5- IMPLEMENTATION OF FLASHING YELLOW ARROW AT VARIOUS TRAFFIC SIGNALS | 0 | \$1.10 | \$0.84 | \$0.26 | \$0.00 |
| | 608302 | 1 Reliability | Highway Bridge | DISTRICT 1- BRIDGE REPAIRS AT VARIOUS LOCATIONS I-90 | 0 | \$2.60 | \$1.91 | \$0.70 | \$0.00 |
| | 608305 | 1 Reliability | Highway Bridge | DISTRICT 1- BRIDGE REPAIRS VARIOUS LOCATIONS I-90 | 0 | \$4.78 | \$3.55 | \$1.23 | \$0.00 |
| | 608307 | 1 Reliability | Highway Bridge | DISTRICT 1- BRIDGE REPAIRS VARIOUS LOCATIONS I-90 | 0 | \$6.44 | \$0.00 | \$0.28 | \$6.16 |
| | 608312 | 1 Reliability | Highway Interstate Pavement | HOPKINTON- UPTON- WESTBOROUGH- RESURFACING AND RELATED WORK ON I-90, FROM MM 101.3 TO MM 105.4 | 0 | \$8.35 | \$0.35 | \$8.00 | \$0.00 |
| | 608322 | 1 Reliability | Highway Bridge | BRIMFIELD- WARREN- WEST SPRINGFIELD- WESTFIELD- STRUCTURAL REPAIRS ON FOUR BRIDGES ON I-90 | 0 | \$4.43 | \$0.00 | \$2.02 | \$2.42 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|----------|-------------|-------------------|-------------------------------------|---|-------|-----------|-----------------|----------|----------------|
| Highway | 608327 | 1 Reliability | Highway Interstate Pavement | BRIMFIELD- PALMER- WARREN- WILBRAHAM- INTERSTATE MAINTENANCE & RELATED WORK ON I-90 (MM 59.0 - 68.0) | 0 | \$28.58 | \$0.00 | \$7.46 | \$21.12 |
| | 608329 | 1 Reliability | Highway Bridge | DISTRICT 3- SCHEDULED & EMERGENCY BRIDGE DECK REPAIRS AT VARIOUS LOCATIONS ON I-90 | 0 | \$2.49 | \$1.53 | \$0.96 | \$0.00 |
| | 608335 | 1 Reliability | Highway Bridge | SOUTHBOROUGH- WESTBOROUGH- BRIDGE REHABILITATION OF S-20-022, S-20-024 & W-24-032 & REPLACEMENT OF S-20-023 | 0 | \$60.46 | \$25.12 | \$35.34 | \$0.00 |
| | 608376 | 1 Reliability | Highway Non-Interstate Pavement | DISTRICT 6- RESURFACING & RELATED WORK AT VARIOUS LOCATIONS (HMA) | 0 | \$7.86 | \$7.86 | \$0.00 | \$0.00 |
| | 608378 | 1 Reliability | Highway Interstate Pavement | DANVERS- TOPSFIELD- BOXFORD- ROWLEY- INTERSTATE MAINTENANCE AND RELATED WORK ON I-95 | 0 | \$29.39 | \$1.37 | \$11.43 | \$16.59 |
| | 608443 | 2 Modernization | Highway Intersection Improvements | LITTLETON- AYER- INTERSECTION IMPROVEMENTS ON ROUTE 2A AT WILLOW ROAD AND BRUCE STREET | 46.5 | \$2.67 | \$0.00 | \$0.44 | \$2.22 |
| | 608468 | 1 Reliability | Highway Non-Interstate Pavement | PEABODY- DANVERS- RESURFACING AND RELATED WORK ON ROUTE 1 | 0 | \$10.60 | \$7.59 | \$3.02 | \$0.00 |
| | 608469 | 1 Reliability | Highway Non-Interstate Pavement | BOURNE- PLYMOUTH- PAVEMENT PRESERVATION AND RELATED WORK ON ROUTE 3 | 0 | \$11.81 | \$1.36 | \$9.03 | \$1.42 |
| | 608475 | 1 Reliability | Highway Non-Interstate Pavement | LANCASTER- HARVARD- LITTLETON- RESURFACING AND RELATED WORK ON ROUTE 2 | 0 | \$19.29 | \$13.29 | \$6.00 | \$0.00 |
| | 608482 | 1 Reliability | Highway Non-Interstate Pavement | CAMBRIDGE- SOMERVILLE- RESURFACING AND RELATED WORK ON ROUTE 28 | 0 | \$17.30 | \$0.00 | \$7.00 | \$10.30 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|----------|-------------|-----------------|-----------------------------------|---|-------|-----------|-----------------|----------|----------------|
| | 608485 | 1 Reliability | Highway Non-Interstate Pavement | PITTSFIELD- LANESBOROUGH- RESURFACING AND RELATED WORK ON ROUTE 8 (FROM MM 44.43 TO MM 47.77) | 0 | \$4.26 | \$0.00 | \$2.43 | \$1.82 |
| | 608496 | 1 Reliability | Highway Non-Interstate Pavement | AVON- STOUGHTON- RESURFACING AND RELATED WORK ON ROUTE 24 | 0 | \$7.68 | \$0.00 | \$1.18 | \$6.50 |
| | 608499 | 1 Reliability | Highway Non-Interstate Pavement | DIGHTON- TAUNTON- RESURFACING AND RELATED WORK ON ROUTE 44 | 0 | \$3.68 | \$0.94 | \$2.74 | \$0.00 |
| | 608550 | 1 Reliability | Highway Bridge | DISTRICT 2- SYSTEMATIC BRIDGE MAINTENANCE AT VARIOUS LOCATIONS (2020) | 0 | \$2.00 | \$0.25 | \$1.32 | \$0.42 |
| | 608551 | 1 Reliability | Highway Bridge | DISTRICT 2- SYSTEMATIC BRIDGE MAINTENANCE AT VARIOUS LOCATIONS (2021) | 0 | \$1.28 | \$0.01 | \$0.92 | \$0.36 |
| | 608571 | 1 Reliability | Highway Safety Improvements | BOURNE TO FALMOUTH- GUIDE AND TRAFFIC SIGN REPLACEMENT ON A SECTION OF ROUTE 28 | 0 | \$0.70 | \$0.70 | \$0.00 | \$0.00 |
| | 608574 | 1 Reliability | Highway Safety Improvements | BURLINGTON TO TYNGSBOROUGH- GUIDE AND TRAFFIC SIGN REPLACEMENT ON A SECTION OF US 3 | 0 | \$7.63 | \$0.13 | \$0.80 | \$6.71 |
| | 608575 | 1 Reliability | Highway Safety Improvements | CHICOPEE TO HOLYOKE- GUIDE AND TRAFFIC SIGN REPLACEMENT ON I-391 | 0 | \$2.81 | \$0.37 | \$2.44 | \$0.00 |
| | 608590 | 1 Reliability | Highway Bridge | DISTRICT 3- CLEAN AND PAINT STRUCTURAL STEEL BRIDGES ON I-190 AND I-290 | 0 | \$4.16 | \$0.59 | \$0.80 | \$2.77 |
| | 608592 | 1 Reliability | Highway Bridge | DISTRICT 5- SYSTEMATIC BRIDGE PRESERVATION ALONG THE I-95 CORRIDOR | 0 | \$2.73 | \$1.63 | \$1.10 | \$0.00 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|----------|-------------|-------------------|--|--|-------|-----------|-----------------|----------|----------------|
| Highway | 608593 | 1 Reliability | Highway Bridge | DISTRICT 5- SYSTEMATIC BRIDGE PRESERVATION ALONG THE I-195 CORRIDOR | 0 | \$1.26 | \$0.14 | \$1.11 | \$0.00 |
| | 608598 | 1 Reliability | Highway Roadway Improvements | ORLEANS- HARWICH- BREWSTER- STORMWATER IMPROVEMENTS ALONG ROUTE 28 AND ROUTE 6 | 0 | \$0.72 | \$0.08 | \$0.65 | \$0.00 |
| | 608599 | 1 Reliability | Highway Roadway Improvements | CANTON- NORWOOD- STORMWATER IMPROVEMENTS ALONG ROUTE 1 & I-95 | 0 | \$0.51 | \$0.00 | \$0.05 | \$0.46 |
| | 608604 | 2 Modernization | Highway Intelligent Transportation Systems | DISTRICT 4- DISTRICT 6- ITS EQUIPMENT (CCTV CAMERAS AND VMS) INSTALLATION FOR HIGHWAY OPERATIONS AT VARIOUS LOCATIONS | 0 | \$4.55 | \$4.25 | \$0.25 | \$0.05 |
| | 608605 | 2 Modernization | Highway ADA Retrofits | DISTRICT 4- ADA RETROFITS AT VARIOUS LOCATIONS | 0 | \$1.13 | \$0.00 | \$0.15 | \$0.97 |
| | 608606 | 2 Modernization | Highway ADA Retrofits | DISTRICT 5- ADA RETROFITS AT VARIOUS LOCATIONS | 0 | \$0.83 | \$0.00 | \$0.25 | \$0.58 |
| | 608607 | 2 Modernization | Highway Intelligent Transportation Systems | DISTRICT 3- DISTRICT 5- ITS EQUIPMENT (CCTV CAMERAS AND VMS) INSTALLATION FOR HIGHWAY OPERATIONS AT VARIOUS LOCATIONS | 0 | \$5.66 | \$3.30 | \$2.02 | \$0.33 |
| | 608611 | 1 Reliability | Highway Safety Improvements | RANDOLPH- QUINCY- REPLACEMENT & REHABILITATION OF HIGHWAY LIGHTING SYSTEM AT I-93/ROUTE 24 | 0 | \$5.72 | \$0.00 | \$0.50 | \$5.22 |
| | 608697 | 1 Reliability | Highway Roadway Improvements | DISTRICT 6- ROADSIDE BARRIER RECONSTRUCTION & REPAIR AT VARIOUS LOCATIONS | 0 | \$1.72 | \$0.10 | \$1.62 | \$0.00 |
| | 608733 | 1 Reliability | Highway Roadway Improvements | DISTRICT 2- SCHEDULED AND EMERGENCY DRAINAGE STRUCTURE REPAIRS, REBUILDING AND CATCH BASIN CLEANING AT VARIOUS LOCATIONS | 0 | \$1.02 | \$0.00 | \$0.27 | \$0.76 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|----------|-------------|-------------------|-----------------------------------|--|-------|-----------|-----------------|----------|----------------|
| | 608745 | 1 Reliability | Highway Facilities | DISTRICT 6- SCHEDULED & EMERGENCY REPAIR & MAINTENANCE OF HVAC SYSTEMS VARIOUS LOCATIONS | 0 | \$0.60 | \$0.52 | \$0.08 | \$0.00 |
| | 608758 | 1 Reliability | Highway Bridge | DISTRICT 4- BRIDGE STRUCTURAL REPAIRS AND RELATED WORK AT VARIOUS LOCATIONS ALONG THE I-495 CORRIDOR | 0 | \$4.25 | \$4.23 | \$0.03 | \$0.00 |
| | 608766 | 1 Reliability | Highway Non-Interstate Pavement | DISTRICT 1- RESURFACING AND RELATED WORK AT VARIOUS LOCATIONS | 0 | \$0.79 | \$0.08 | \$0.44 | \$0.28 |
| | 608789 | 1 Reliability | Highway Roadway Improvements | DISTRICT 6- NORUU ASBESTOS REMOVAL AT VARIOUS LOCATIONS | 0 | \$1.75 | \$0.78 | \$0.97 | \$0.00 |
| | 608794 | 2 Modernization | Highway ADA Retrofits | DISTRICT 4- ADA RETROFITS AT VARIOUS LOCATIONS | 0 | \$1.30 | \$1.27 | \$0.03 | \$0.00 |
| | 608795 | 2 Modernization | Highway ADA Retrofits | DISTRICT 1- ADA RETROFITS AT VARIOUS LOCATIONS | 0 | \$0.92 | \$0.10 | \$0.67 | \$0.16 |
| | 608798 | 2 Modernization | Highway ADA Retrofits | DISTRICT 4- ADA RETROFITS AT VARIOUS LOCATIONS | 0 | \$1.15 | \$0.15 | \$0.50 | \$0.50 |
| | 608800 | 2 Modernization | Highway ADA Retrofits | DISTRICT 2- ADA RETROFITS AT VARIOUS LOCATIONS | 0 | \$1.43 | \$0.24 | \$1.19 | \$0.00 |
| | 608802 | 2 Modernization | Highway ADA Retrofits | DISTRICT 3- ADA RETROFITS AT VARIOUS LOCATIONS | 0 | \$1.73 | \$0.26 | \$1.47 | \$0.00 |
| | 608804 | 2 Modernization | Highway ADA Retrofits | DISTRICT 6- ADA RETROFITS AT VARIOUS LOCATIONS | 0 | \$0.92 | \$0.41 | \$0.51 | \$0.00 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|----------|-------------|-------------------|-----------------------------------|---|-------|-----------|-----------------|----------|----------------|
| Highway | 608806 | 3 Expansion | Highway Bicycle and Pedestrian | WATERTOWN- CAMBRIDGE- MULTI-USE PATH CONSTRUCTION (PHASE II) | 0 | \$4.40 | \$2.80 | \$1.61 | \$0.00 |
| | 608808 | 1 Reliability | Highway Non-Interstate Pavement | MILLVILLE- UXBRIDGE- PAVEMENT PRESERVATION AND RELATED WORK ON ROUTE 146 | 0 | \$5.37 | \$5.46 | -\$0.09 | \$0.00 |
| | 608812 | 1 Reliability | Highway Non-Interstate Pavement | FLORIDA- SAVOY- RESURFACING AND RELATED WORK ON ROUTE 2 | 0 | \$3.74 | \$3.10 | \$0.64 | \$0.00 |
| | 608817 | 1 Reliability | Highway Non-Interstate Pavement | SALEM- LYNN- RESURFACING AND RELATED WORK ON ROUTE 107 | 0 | \$4.05 | \$0.00 | \$3.28 | \$0.77 |
| | 608820 | 1 Reliability | Highway Non-Interstate Pavement | RAYNHAM- BRIDGEWATER- WEST BRIDGEWATER- BROCKTON- PAVEMENT PRESERVATION AND RELATED WORK ON ROUTE 24 | 0 | \$12.69 | \$0.44 | \$9.02 | \$3.24 |
| | 608901 | 1 Reliability | Highway Roadway Improvements | DISTRICT 5- SCHEDULED AND EMERGENCY TREE TRIMMING, REMOVAL, AND SIGHT DISTANCE CLEARING AT VARIOUS LOCATIONS IN AREAS A, B, & C | 0 | \$1.15 | \$1.11 | \$0.04 | \$0.00 |
| | 608909 | 1 Reliability | Highway Roadway Improvements | DISTRICT 6- SCHEDULED & EMERGENCY STANDPIPE & FIRE SAFETY INSPECTION, TESTING & REPAIRS AT VARIOUS LOCATIONS | 0 | \$1.19 | \$0.65 | \$0.54 | \$0.00 |
| | 608958 | 2 Modernization | Highway ADA Retrofits | DISTRICT 4- SIDEWALK REPAIR & IMPROVEMENTS AT VARIOUS LOCATIONS | 0 | \$0.68 | \$0.67 | \$0.01 | \$0.00 |
| | 608960 | 1 Reliability | Highway Roadway Improvements | DISTRICT 4- SCHEDULED & EMERGENCY DRAINAGE REPAIRS & IMPROVEMENTS | 0 | \$1.24 | \$1.24 | \$0.00 | \$0.00 |
| | 608966 | 1 Reliability | Highway Roadway Improvements | DISTRICT 4- SCHEDULED & EMERGENCY GUARDRAIL REPAIRS AT VARIOUS LOCATIONS | 0 | \$1.06 | \$1.06 | \$0.00 | \$0.00 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|----------|-------------|-------------------|--|--|-------|-----------|-----------------|----------|----------------|
| Highway | 608967 | 1 Reliability | Highway Roadway Improvements | DISTRICT 4- PAVEMENT PRESERVATION AT VARIOUS LOCATIONS | 0 | \$4.11 | \$4.11 | \$0.00 | \$0.00 |
| | 608978 | 1 Reliability | Highway Safety Improvements | DISTRICT 4- SCHEDULED & EMERGENCY REPAIRS TO IMPACT ATTENUATORS AT VARIOUS LOCATIONS | 0 | \$0.12 | \$0.10 | \$0.02 | \$0.00 |
| | 608980 | 1 Reliability | Highway Safety Improvements | DISTRICT 1- APPLICATION OF REFLECTORIZED PAVEMENT MARKINGS AT VARIOUS LOCATIONS | 0 | \$0.30 | \$0.23 | \$0.08 | \$0.00 |
| | 608982 | 2 Modernization | Highway Intersection Improvements | DISTRICT 1- TRAFFIC SIGNAL REPAIR AND SAFETY LIGHTING AT VARIOUS LOCATIONS | 0 | \$0.22 | \$0.17 | \$0.05 | \$0.00 |
| | 608991 | 2 Modernization | Highway Intelligent Transportation Systems | DISTRICT 5- EXPANSION OF ITS ROADWAY EQUIPMENT FOR HIGHWAY OPERATIONS | 0 | \$3.25 | \$1.68 | \$1.27 | \$0.31 |
| | 608998 | 1 Reliability | Highway Roadway Improvements | DISTRICT 3- SCHEDULED AND EMERGENCY GUARDRAIL AND FENCING REPAIRS AND IMPROVEMENTS AT VARIOUS LOCATIONS | 0 | \$2.76 | \$2.10 | \$0.66 | \$0.00 |
| | 609000 | 1 Reliability | Highway Facilities | DISTRICT 3- SCHEDULED & EMERGENCY FACILITY AND SALT SHED REPAIRS AND IMPROVEMENTS AT VARIOUS LOCATIONS | 0 | \$0.91 | \$0.65 | \$0.26 | \$0.00 |
| | 609001 | 1 Reliability | Highway Non-Interstate Pavement | DISTRICT 3- SCHEDULED AND EMERGENCY RESURFACING AND RELATED WORK AT VARIOUS LOCATIONS | 0 | \$6.05 | \$6.05 | \$0.00 | \$0.00 |
| | 609002 | 1 Reliability | Highway Facilities | DISTRICT 3- SCHEDULED AND EMERGENCY STANDPIPE & FIRE SAFETY INSPECTION, TESTING AND REPAIRS AT VARIOUS LOCATIONS | 0 | \$0.15 | \$0.14 | \$0.01 | \$0.00 |
| | 609010 | 1 Reliability | Highway Safety Improvements | DISTRICT 6- MISCELLANEOUS OVERHEAD SIGN REPAIRS IN TUNNELS | 0 | \$1.37 | \$0.98 | \$0.39 | \$0.00 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|----------|-------------|-----------------|--------------------------------|---|-------|-----------|-----------------|----------|----------------|
| Highway | 609015 | 1 Reliability | Highway Roadway Improvements | DISTRICT 6- SCHEDULED & EMERGENCY GUARDRAIL & FENCE REFURBISHMENT & SNOW FENCE INSTALLATION AT VARIOUS LOCATIONS | 0 | \$1.18 | \$1.13 | \$0.06 | \$0.00 |
| | 609016 | 1 Reliability | Highway Roadway Improvements | DISTRICT 6- SCHEDULED AND EMERGENCY ROADSIDE VEGETATION MANAGEMENT AT VARIOUS LOCATIONS | 0 | \$1.17 | \$1.03 | \$0.14 | \$0.00 |
| | 609017 | 1 Reliability | Highway Roadway Improvements | DISTRICT 6- SCHEDULED & EMERGENCY FIRE LINE, STANDPIPE, AND HYDRANT REPAIRS AND IMPROVEMENTS AT VARIOUS LOCATIONS | 0 | \$0.46 | \$0.19 | \$0.23 | \$0.04 |
| | 609018 | 1 Reliability | Highway Bridge | DISTRICT 6- SCHEDULED & EMERGENCY STRUCTURAL & SUBSTRUCTURE REPAIRS AT VARIOUS LOCATIONS | 0 | \$6.48 | \$5.39 | \$1.09 | \$0.00 |
| | 609019 | 1 Reliability | Highway Tunnels | DISTRICT 6- SCHEDULED AND EMERGENCY MECHANICAL AND MILLWRIGHT SERVICES AT VARIOUS LOCATIONS | 0 | \$2.15 | \$0.62 | \$1.53 | \$0.00 |
| | 609024 | 1 Reliability | Highway Safety Improvements | DISTRICT 2- APPLICATION OF REFLECTORIZED PAVEMENT MARKINGS AT VARIOUS LOCATIONS | 0 | \$0.67 | \$0.14 | \$0.11 | \$0.43 |
| | 609028 | 1 Reliability | Highway Roadway Improvements | DISTRICT 2- DRAINAGE BETTERMENT & CULVERT REPAIR AT VARIOUS LOCATIONS | 0 | \$1.61 | \$1.61 | \$0.00 | \$0.00 |
| | 609030 | 1 Reliability | Highway Bridge | DISTRICT 2- BRIDGE DECK & JOINT REPAIRS AT VARIOUS LOCATIONS | 0 | \$1.29 | \$1.27 | \$0.02 | \$0.00 |
| | 609031 | 1 Reliability | Highway Bridge | DISTRICT 2- NON-ROUTINE & EMERGENCY STRUCTURAL REPAIRS AT VARIOUS LOCATIONS | 0 | \$1.99 | \$0.50 | \$1.49 | \$0.00 |
| | 609033 | 1 Reliability | Highway Bridge | DISTRICT 2- SUBSTRUCTURE REPAIRS AT VARIOUS LOCATIONS | 0 | \$1.38 | \$1.01 | \$0.37 | \$0.00 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|----------|-------------|-------------------|--|---|-------|-----------|-----------------|----------|----------------|
| Highway | 609034 | 1 Reliability | Highway Bridge | DISTRICT 2- HOT MIX ASPHALT REPAIRS AT VARIOUS LOCATIONS | 0 | \$0.74 | \$0.74 | \$0.00 | \$0.00 |
| | 609038 | 2 Modernization | Highway Roadway Reconstruction | TEWKSBURY- LOWELL- INTERSECTION IMPROVEMENTS AT ANDOVER STREET (ROUTE 133) AND RIVER ROAD | 59 | \$3.19 | \$0.90 | \$0.74 | \$1.55 |
| | 609041 | 1 Reliability | Highway Roadway Improvements | DISTRICT 5- HIGHWAY SWEEPING AT VARIOUS LOCATIONS | 0 | \$1.37 | \$1.33 | \$0.04 | \$0.00 |
| | 609084 | 2 Modernization | Highway Intelligent Transportation Systems | DISTRICT 4- EXPANSION OF ITS ROADWAY DEVICES FOR HIGHWAY OPERATIONS | 0 | \$3.76 | \$1.65 | \$1.40 | \$0.71 |
| | 609085 | 2 Modernization | Highway Intelligent Transportation Systems | DISTRICT 5- EXPANSION OF ITS ROADWAY DEVICES FOR HIGHWAY OPERATIONS | 0 | \$3.31 | \$0.88 | \$2.20 | \$0.23 |
| | 609102 | 1 Reliability | Highway Non-Interstate Pavement | GLOUCESTER- ESSEX- MANCHESTER-BY-THE-SEA- WENHAM- PAVEMENT PRESERVATION AND RELATED WORK ON ROUTE 128 | 0 | \$16.94 | \$1.40 | \$5.98 | \$9.56 |
| | 609103 | 1 Reliability | Highway Non-Interstate Pavement | FLORIDA- NORTH ADAMS- RESURFACING AND RELATED WORK ON ROUTE 2 | 0 | \$7.08 | \$0.00 | \$0.75 | \$6.33 |
| | 609106 | 1 Reliability | Highway Non-Interstate Pavement | DOUGLAS- NORTHBRIDGE- SUTTON- UXBRIDGE- PAVEMENT PRESERVATION ON ROUTE 146 | 0 | \$6.55 | \$3.48 | \$1.90 | \$1.17 |
| | 609125 | 1 Reliability | Highway Bridge | DISTRICT 5- DRAWBRIDGE OPERATION, REPAIR & SYSTEMATIC PRESERVATION AT VARIOUS LOCATIONS | 0 | \$4.81 | \$3.68 | \$1.13 | \$0.00 |
| | 609126 | 1 Reliability | Highway Bridge | DISTRICT 5- SCHEDULED & EMERGENCY BRIDGE DECK & JOINT REPAIRS AT VARIOUS LOCATIONS | 0 | \$2.79 | \$1.82 | \$0.97 | \$0.00 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|----------|-------------|-----------------|-----------------------------------|--|-------|-----------|-----------------|----------|----------------|
| | 609127 | 1 Reliability | Highway Bridge | DISTRICT 5- SCHEDULED AND EMERGENCY STRUCTURAL REPAIRS AT VARIOUS LOCATIONS | 0 | \$2.45 | \$1.85 | \$0.60 | \$0.00 |
| | 609132 | 1 Reliability | Highway Bridge | DISTRICT 5- SYSTEMATIC BRIDGE PRESERVATION ALONG THE I-295 CORRIDOR | 0 | \$3.45 | \$2.46 | \$0.99 | \$0.00 |
| | 609166 | 1 Reliability | Highway Non-Interstate Pavement | DISTRICT 2- RESURFACING AND RELATED WORK AT VARIOUS LOCATIONS | 0 | \$2.76 | \$1.84 | \$0.92 | \$0.00 |
| | 609203 | 1 Reliability | Highway Bridge | CHICOPEE- LUDLOW- WEST SPRINGFIELD- WESTFIELD- CLEANING & PAINTING STRUCTURAL STEEL ON VARIOUS BRIDGES ON I- 90 | 0 | \$5.49 | \$4.56 | \$0.93 | \$0.00 |
| | 609214 | 1 Reliability | Highway Bridge | DISTRICT 2- BRIDGE DECK AND JOINT REPAIRS AT VARIOUS LOCATIONS ON I-90 | 0 | \$4.03 | \$0.10 | \$2.36 | \$1.57 |
| | 609217 | 1 Reliability | Highway Roadway Improvements | PALMER- WILBRAHAM- GUARDRAIL UPGRADES AND RELATED WORK ON I-90 (MM 58.9- 63.3) | 0 | \$3.36 | \$1.76 | \$1.60 | \$0.00 |
| | 609228 | 1 Reliability | Highway Facilities | DISTRICT 2- SCHEDULED & EMERGENCY FACILITY REPAIR AT VARIOUS LOCATIONS | 0 | \$0.77 | \$0.75 | \$0.02 | \$0.00 |
| | 609248 | 1 Reliability | Highway Safety Improvements | DISTRICT 2- HIGHWAY LIGHTING REPAIRS AT VARIOUS LOCATIONS | 0 | \$0.69 | \$0.59 | \$0.10 | \$0.00 |
| | 609259 | 1 Reliability | Highway Safety Improvements | DISTRICT 5- APPLICATION OF REFLECTORIZED PAVEMENT MARKINGS AT VARIOUS LOCATIONS (INCLUDING MARTHA'S VINEYARD ISLAND) | 0 | \$1.68 | \$1.17 | \$0.51 | \$0.00 |
| | 609260 | 1 Reliability | Highway Roadway Improvements | DISTRICT 5- ROADSIDE LITTER REMOVAL AT VARIOUS LOCATIONS | 0 | \$1.10 | \$0.73 | \$0.37 | \$0.00 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|------------|-------------|-------------------|-------------------------------------|--|-------|-----------|-----------------|----------|----------------|
| District 5 | 609264 | 1 Reliability | Highway Roadway Improvements | DISTRICT 5- DRAINAGE AND EROSION REPAIRS AT VARIOUS LOCATIONS | 0 | \$1.77 | \$1.67 | \$0.10 | \$0.00 |
| | 609266 | 1 Reliability | Highway Roadway Improvements | DISTRICT 5- SCHEDULED AND EMERGENCY TREE TRIMMING, REMOVAL, AND SIGHT DISTANCE CLEARING AT VARIOUS LOCATIONS ON MARTHA'S VINEYARD | 0 | \$0.13 | \$0.06 | \$0.07 | \$0.00 |
| | 609267 | 1 Reliability | Highway Roadway Improvements | DISTRICT 5- FENCE REPAIRS AT VARIOUS LOCATIONS | 0 | \$0.58 | \$0.39 | \$0.19 | \$0.00 |
| | 609268 | 1 Reliability | Highway Safety Improvements | DISTRICT 5- FABRICATION AND INSTALLATION OF OVERHEAD AND GROUND MOUNTED GUIDE SIGNS AT VARIOUS LOCATIONS (INCLUDING MARTHA'S VINEYARD) | 0 | \$0.53 | \$0.50 | \$0.04 | \$0.00 |
| | 609269 | 1 Reliability | Highway Roadway Improvements | DISTRICT 5- SCHEDULED & EMERGENCY DRAINAGE REPAIRS & IMPROVEMENTS AT VARIOUS LOCATIONS (INCLUDING MARTHA'S VINEYARD) | 0 | \$1.67 | \$1.63 | \$0.04 | \$0.00 |
| | 609270 | 1 Reliability | Highway Roadway Improvements | DISTRICT 5- SCHEDULED AND EMERGENCY GUARDRAIL AND CABLE BARRIER REPAIRS AT VARIOUS LOCATIONS | 0 | \$2.64 | \$2.37 | \$0.27 | \$0.00 |
| | 609271 | 1 Reliability | Highway Facilities | DISTRICT 5- SCHEDULED AND EMERGENCY FACILITY REPAIRS AND IMPROVEMENTS AT VARIOUS LOCATIONS | 0 | \$1.00 | \$0.78 | \$0.23 | \$0.00 |
| | 609272 | 1 Reliability | Highway Safety Improvements | DISTRICT 5- SCHEDULED AND EMERGENCY HIGHWAY LIGHTING REPAIRS AND IMPROVEMENTS AT VARIOUS LOCATIONS | 0 | \$0.79 | \$0.62 | \$0.17 | \$0.00 |
| | 609273 | 2 Modernization | Highway Intersection Improvements | DISTRICT 5- TRAFFIC SIGNAL MASTER CONTROL AND CABINET ASSEMBLY INSTALLATION AT VARIOUS LOCATIONS | 0 | \$0.77 | \$0.69 | \$0.08 | \$0.00 |
| | 609274 | 2 Modernization | Highway Intersection Improvements | DISTRICT 5- SCHEDULED AND EMERGENCY TRAFFIC SIGNAL REPAIRS AND IMPROVEMENTS AT VARIOUS LOCATIONS | 0 | \$1.47 | \$0.71 | \$0.74 | \$0.03 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|----------|-------------|-----------------|-----------------------------------|---|-------|-----------|-----------------|----------|----------------|
| Highway | 609275 | 1 Reliability | Highway Roadway Improvements | DISTRICT 5- SCHEDULED AND EMERGENCY TRAFFIC MANAGEMENT AT VARIOUS LOCATIONS (INCLUDING MARTHA'S VINEYARD) | 0 | \$0.64 | \$0.57 | \$0.07 | \$0.00 |
| | 609276 | 1 Reliability | Highway Safety Improvements | DISTRICT 5- SCHEDULED AND EMERGENCY REPAIRS TO IMPACT ATTENUATORS AT VARIOUS LOCATIONS | 0 | \$0.30 | \$0.03 | \$0.20 | \$0.07 |
| | 609278 | 1 Reliability | Highway Bridge | DISTRICT 4- SCHEDULED AND EMERGENCY BRIDGE JOINT REPAIRS AT VARIOUS LOCATIONS | 0 | \$2.63 | \$0.91 | \$1.44 | \$0.29 |
| | 609294 | 1 Reliability | Highway Bridge | DISTRICT 4- BRIDGE DECK WEARING SURFACE REPLACEMENT AND RELATED REPAIRS AT VARIOUS LOCATIONS | 0 | \$3.08 | \$2.46 | \$0.62 | \$0.00 |
| | 609295 | 1 Reliability | Highway Bridge | DISTRICT 4- SCHEDULED AND EMERGENCY BRIDGE SUBSTRUCTURE REPAIRS AT VARIOUS | 0 | \$1.88 | \$1.87 | \$0.01 | \$0.00 |
| | 609296 | 1 Reliability | Highway Bridge | DISTRICT 4- SCHEDULED AND EMERGENCY TRAFFIC MANAGEMENT AT VARIOUS LOCATIONS | 0 | \$0.92 | \$0.92 | \$0.01 | \$0.00 |
| | 609297 | 1 Reliability | Highway Bridge | DISTRICT 4- SCHEDULED AND EMERGENCY BRIDGE STRUCTURAL REPAIRS AT VARIOUS LOCATIONS | 0 | \$5.89 | \$4.50 | \$1.39 | \$0.00 |
| | 609299 | 1 Reliability | Highway Safety Improvements | FALL RIVER- WESTPORT- INSTALLATION OF SIGN PANELS AND SUPPORTS AT EIGHT LOCATIONS ON I-195 AND ROUTE 24 | 0 | \$0.94 | \$0.09 | \$0.85 | \$0.00 |
| | 609303 | 1 Reliability | Highway Non-Interstate Pavement | DISTRICT 1- STATE HIGHWAY RESURFACING AT VARIOUS LOCATIONS | 0 | \$1.18 | \$1.18 | \$0.00 | \$0.00 |
| | 609305 | 1 Reliability | Highway Bridge | DISTRICT 1- BRIDGE DECK AND JOINT REPAIRS AT VARIOUS LOCATIONS | 0 | \$0.87 | \$0.57 | \$0.30 | \$0.00 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|----------|-------------|-------------------|----------------------------------|---|-------|-----------|-----------------|----------|----------------|
| Highway | 609307 | 1 Reliability | Highway Bridge | DISTRICT 1- SCHEDULED AND EMERGENCY SUPERSTRUCTURE REPAIRS AT VARIOUS LOCATIONS | 0 | \$0.74 | \$0.55 | \$0.19 | \$0.00 |
| | 609312 | 1 Reliability | Highway Facilities | DISTRICT 4- SCHEDULED & EMERGENCY SALT SHED REPAIRS AND IMPROVEMENTS | 0 | \$0.67 | \$0.30 | \$0.38 | \$0.00 |
| | 609313 | 1 Reliability | Highway Facilities | DISTRICT 4- SCHEDULED & EMERGENCY FACILITY REPAIRS & IMPROVEMENTS AT VARIOUS LOCATIONS | 0 | \$0.83 | \$0.49 | \$0.34 | \$0.00 |
| | 609316 | 1 Reliability | Highway Safety Improvements | DISTRICT 5- HIGHWAY DELINEATOR REPLACEMENT AND RELATED REPAIRS AT VARIOUS LOCATIONS | 0 | \$0.45 | \$0.19 | \$0.23 | \$0.03 |
| | 609319 | 1 Reliability | Highway Roadway Improvements | DISTRICT 1- CATCH BASIN CLEANING AT VARIOUS LOCATIONS | 0 | \$0.28 | \$0.28 | \$0.00 | \$0.00 |
| | 609321 | 1 Reliability | Highway Roadway Improvements | DISTRICT 1- TRAFFIC MANAGEMENT AT VARIOUS LOCATIONS | 0 | \$0.09 | \$0.06 | \$0.02 | \$0.00 |
| | 609322 | 2 Modernization | Highway Roadway Reconstruction | DISTRICT 1- ROADWAY REPAIRS AND SLOPE STABILIZATION AT VARIOUS LOCATIONS | 0 | \$1.95 | \$1.75 | \$0.19 | \$0.00 |
| | 609323 | 1 Reliability | Highway Roadway Improvements | DISTRICT 1- SCHEDULED AND EMERGENCY DRAINAGE REPAIRS AT VARIOUS LOCATIONS | 0 | \$0.67 | \$0.67 | \$0.00 | \$0.00 |
| | 609325 | 1 Reliability | Highway Bridge | BOSTON- NEWTON- WESTON- BRIDGE MAINTENANCE OF 4 BRIDGES: B-16-216, N-12-013, N-12-019 & W-29-017 | 0 | \$4.14 | \$1.33 | \$2.81 | \$0.00 |
| | 609326 | 1 Reliability | Highway Safety Improvements | DISTRICT 6- HIGHWAY LIGHTING REPLACEMENT OR REPAIRS AND ELECTRICAL MAINTENANCE AT VARIOUS LOCATIONS | 0 | \$1.68 | \$0.44 | \$1.24 | \$0.00 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|------------|-------------|-----------------|--------------------------------|---|-------|-----------|-----------------|----------|----------------|
| District 6 | 609327 | 1 Reliability | Highway Facilities | DISTRICT 6- SCHEDULED & EMERGENCY REPAIR & MAINTENANCE OF HVAC SYSTEMS VARIOUS LOCATIONS | 0 | \$0.26 | \$0.00 | \$0.12 | \$0.14 |
| | 609329 | 1 Reliability | Highway Roadway Improvements | DISTRICT 6- SCHEDULED & EMERGENCY TRAFFIC CONTROL MANAGEMENT AT VARIOUS LOCATIONS | 0 | \$0.15 | \$0.12 | \$0.03 | \$0.00 |
| | 609330 | 1 Reliability | Highway Safety Improvements | DISTRICT 6- SCHEDULED & EMERGENCY TRAFFIC CONTROL AND SETUPS AT VARIOUS LOCATIONS | 0 | \$1.05 | \$0.53 | \$0.51 | \$0.00 |
| | 609331 | 1 Reliability | Highway Safety Improvements | DISTRICT 6- APPLICATION OF PAVEMENT MARKINGS & MARKERS AT VARIOUS LOCATIONS | 0 | \$0.49 | \$0.21 | \$0.28 | \$0.00 |
| | 609332 | 1 Reliability | Highway Facilities | DISTRICT 6- INSPECTION, TESTING, MAINTENANCE & REPAIRS OF FIRE DETECTION SYSTEMS AT VARIOUS LOCATIONS | 0 | \$1.95 | \$0.49 | \$0.65 | \$0.81 |
| | 609334 | 1 Reliability | Highway Facilities | DISTRICT 6- INSPECT, SERVICE AND REPAIR ELEVATORS AT VARIOUS LOCATIONS | 0 | \$0.27 | \$0.11 | \$0.13 | \$0.02 |
| | 609335 | 1 Reliability | Highway Bridge | DISTRICT 6- BRIDGE DRAINAGE INSTALLATION & REHABILITATION AT VARIOUS LOCATIONS | 0 | \$4.82 | \$1.78 | \$2.60 | \$0.45 |
| | 609336 | 1 Reliability | Highway Roadway Improvements | DISTRICT 6- SCHEDULED & EMERGENCY CLEANING OF DRAINAGE STRUCTURES AT VARIOUS LOCATIONS | 0 | \$0.38 | \$0.29 | \$0.09 | \$0.00 |
| | 609337 | 1 Reliability | Highway Roadway Improvements | DISTRICT 6- SCHEDULED AND EMERGENCY DRAINAGE REPAIRS AND IMPROVEMENTS AT VARIOUS LOCATIONS | 0 | \$1.22 | \$0.63 | \$0.57 | \$0.02 |
| | 609338 | 1 Reliability | Highway Safety Improvements | DISTRICT 6- SCHEDULED AND EMERGENCY IMPACT ATTENUATOR INSTALLATION AND REPAIRS AT VARIOUS LOCATIONS | 0 | \$0.69 | \$0.07 | \$0.44 | \$0.17 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|----------|-------------|-------------------|--|--|-------|-----------|-----------------|----------|----------------|
| Highway | 609340 | 2 Modernization | Highway Roadway Reconstruction | DISTRICT 6- SIDEWALK REPAIR AT VARIOUS LOCATIONS | 0 | \$1.13 | \$0.20 | \$0.71 | \$0.22 |
| | 609341 | 2 Modernization | Highway Intelligent Transportation Systems | DISTRICT 6- MAINTENANCE OF MHS COMMUNICATIONS SYSTEMS AT VARIOUS LOCATIONS | 0 | \$1.49 | \$0.44 | \$0.80 | \$0.25 |
| | 609342 | 1 Reliability | Highway Bridge | DISTRICT 6- SCHEDULED & EMERGENCY BRIDGE DECK & JOINT REPAIRS AT VARIOUS LOCATIONS | 0 | \$4.52 | \$1.67 | \$2.56 | \$0.29 |
| | 609344 | 1 Reliability | Highway Bridge | MEDFIELD- MILLIS- BRIDGE PRESERVATION, M-11-002, WEST STREET OVER THE CHARLES RIVER & M-11-003, STATE 109 (MAIN STREET) OVER THE CHARLES RIVER | 0 | \$2.33 | \$1.43 | \$0.90 | \$0.00 |
| | 609345 | 1 Reliability | Highway Roadway Improvements | DISTRICT 3- SCHEDULED AND EMERGENCY TRAFFIC MANAGEMENT AT VARIOUS LOCATIONS | 0 | \$0.42 | \$0.42 | \$0.00 | \$0.00 |
| | 609347 | 1 Reliability | Highway Safety Improvements | DISTRICT 2- FABRICATION AND INSTALLATION OF OVERHEAD AND GROUND MOUNTED GUIDE SIGNS AT VARIOUS LOCATIONS | 0 | \$0.22 | \$0.15 | \$0.07 | \$0.00 |
| | 609349 | 1 Reliability | Highway Safety Improvements | DISTRICT 2- APPLICATION OF PAVEMENT MARKINGS AT VARIOUS LOCATIONS (PAINT, THERMO, AND SLOTTED) | 0 | \$0.33 | \$0.22 | \$0.12 | \$0.00 |
| | 609350 | 1 Reliability | Highway Safety Improvements | DISTRICT 2- IMPACT ATTENUATOR REPAIR (CRASH CUSHIONS) AT VARIOUS LOCATIONS | 0 | \$0.06 | \$0.03 | \$0.03 | \$0.00 |
| | 609351 | 2 Modernization | Highway Intersection Improvements | DISTRICT 2- SCHEDULED AND EMERGENCY TRAFFIC SIGNAL REPAIRS AND UPGRADES AT VARIOUS LOCATIONS | 0 | \$0.22 | \$0.15 | \$0.07 | \$0.00 |
| | 609352 | 1 Reliability | Highway Roadway Improvements | DISTRICT 2- SCHEDULED AND EMERGENCY FENCE & GUARDRAIL REPAIRS AND UPGRADES AT VARIOUS LOCATIONS | 0 | \$0.61 | \$0.40 | \$0.21 | \$0.00 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|------------|-------------|-----------------|--------------------------------|--|-------|-----------|-----------------|----------|----------------|
| District 2 | 609353 | 1 Reliability | Highway Bridge | DISTRICT 2- BRIDGE DECK & JOINT REPAIRS AT VARIOUS LOCATIONS | 0 | \$1.20 | \$1.12 | \$0.08 | \$0.00 |
| | 609354 | 1 Reliability | Highway Bridge | DISTRICT 2- NON-ROUTINE AND EMERGENCY STRUCTURAL REPAIRS AT VARIOUS LOCATIONS | 0 | \$1.75 | \$0.51 | \$1.11 | \$0.13 |
| | 609355 | 1 Reliability | Highway Bridge | DISTRICT 2- BRIDGE DECK WEARING SURFACE REPAIRS AT VARIOUS LOCATIONS | 0 | \$0.59 | \$0.24 | \$0.35 | \$0.00 |
| | 609356 | 1 Reliability | Highway Bridge | DISTRICT 2- SUBSTRUCTURE REPAIRS AT VARIOUS LOCATIONS | 0 | \$0.95 | \$0.18 | \$0.77 | \$0.01 |
| | 609357 | 1 Reliability | Highway Bridge | DISTRICT 2- BRIDGE SHIELDING AND SHORING TOWERS AT VARIOUS LOCATIONS | 0 | \$0.31 | \$0.15 | \$0.16 | \$0.01 |
| | 609358 | 1 Reliability | Highway Roadway Improvements | DISTRICT 4- HIGHWAY SWEEPING AT VARIOUS LOCATIONS | 0 | \$0.37 | \$0.47 | -\$0.10 | \$0.00 |
| | 609359 | 1 Reliability | Highway Roadway Improvements | DISTRICT 4- SCHEDULED & EMERGENCY DRAINAGE STRUCTURE CLEANING AT VARIOUS LOCATIONS | 0 | \$0.72 | \$0.45 | \$0.27 | \$0.00 |
| | 609360 | 1 Reliability | Highway Roadway Improvements | DISTRICT 4- FENCE REPAIR & IMPROVEMENT AT VARIOUS LOCATIONS | 0 | \$0.66 | \$0.35 | \$0.30 | \$0.00 |
| | 609361 | 1 Reliability | Highway Roadway Improvements | DISTRICT 4- SCHEDULED AND EMERGENCY REPAIR AND RECONSTRUCTION OF DRAINAGE STRUCTURE AT VARIOUS LOCATIONS | 0 | \$0.62 | \$0.41 | \$0.21 | \$0.00 |
| | 609362 | 1 Reliability | Highway Roadway Improvements | DISTRICT 4- SCHEDULED AND EMERGENCY DRAINAGE REPAIR AND IMPROVEMENT AT VARIOUS LOCATIONS | 0 | \$1.06 | \$0.56 | \$0.50 | \$0.00 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|------------|-------------|-------------------|--|---|-------|-----------|-----------------|----------|----------------|
| District 4 | 609363 | 1 Reliability | Highway Non-Interstate Pavement | DISTRICT 4- RESURFACING & RELATED WORK AT VARIOUS LOCATIONS | 0 | \$5.61 | \$4.00 | \$1.61 | \$0.00 |
| | 609364 | 1 Reliability | Highway Roadway Improvements | DISTRICT 4- PAVEMENT PRESERVATION AT VARIOUS LOCATIONS | 0 | \$1.49 | \$0.51 | \$0.60 | \$0.38 |
| | 609366 | 2 Modernization | Highway Roadway Reconstruction | DISTRICT 4- SIDEWALK REPAIR & IMPROVEMENT AT VARIOUS LOCATIONS | 0 | \$0.88 | \$0.46 | \$0.43 | \$0.00 |
| | 609369 | 1 Reliability | Highway Roadway Improvements | DISTRICT 4- TREE REMOVAL, TREE TRIMMING & SAFETY SIGHT DISTANCE CLEARING AT VARIOUS LOCATIONS | 0 | \$0.63 | \$0.63 | \$0.00 | \$0.00 |
| | 609370 | 1 Reliability | Highway Roadway Improvements | DISTRICT 4- VEGETATION MANAGEMENT & ROADSIDE IMPROVEMENTS AT VARIOUS LOCATIONS | 0 | \$0.71 | \$0.71 | \$0.00 | \$0.00 |
| | 609372 | 1 Reliability | Highway Bridge | DISTRICT 5- SCHEDULED AND EMERGENCY STEEL BEAM REPAIRS AT VARIOUS LOCATIONS | 0 | \$1.25 | \$1.00 | \$0.25 | \$0.00 |
| | 609373 | 1 Reliability | Highway Bridge | DISTRICT 5- SCHEDULED & EMERGENCY SUBSTRUCTURE REPAIRS AT VARIOUS LOCATIONS | 0 | \$1.80 | \$1.22 | \$0.58 | \$0.00 |
| | 609374 | 1 Reliability | Highway Bridge | DISTRICT 5- SYSTEMATIC BRIDGE PRESERVATION ALONG THE ROUTE 24 CORRIDOR | 0 | \$1.63 | \$0.07 | \$1.56 | \$0.00 |
| | 609378 | 2 Modernization | Highway Intelligent Transportation Systems | DISTRICT 4- EXPANSION OF ITS ROADWAY DEVICES FOR HIGHWAY OPERATIONS | 0 | \$2.09 | \$0.30 | \$1.25 | \$0.55 |
| | 609379 | 2 Modernization | Highway Intelligent Transportation Systems | DISTRICT 5- EXPANSION OF ITS ROADWAY DEVICES FOR HIGHWAY OPERATIONS | 0 | \$2.54 | \$0.13 | \$2.06 | \$0.35 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|----------|-------------|-----------------|-----------------------------------|---|-------|-----------|-----------------|----------|----------------|
| Highway | 609389 | 1 Reliability | Highway Safety Improvements | DISTRICT 1- APPLICATION OF REFLECTORIZED PAVEMENT MARKINGS AT VARIOUS LOCATIONS | 0 | \$0.44 | \$0.36 | \$0.09 | \$0.00 |
| | 609390 | 1 Reliability | Highway Roadway Improvements | DISTRICT 1- CRACK SEALING AT VARIOUS LOCATIONS | 0 | \$0.39 | \$0.37 | \$0.02 | \$0.00 |
| | 609391 | 1 Reliability | Highway Roadway Improvements | DISTRICT 1- SCHEDULED AND EMERGENCYGUARD RAIL REPAIR AND UPGRADES AT VARIOUS LOCATIONS | 0 | \$0.43 | \$0.43 | \$0.00 | \$0.00 |
| | 609395 | 1 Reliability | Highway Non-Interstate Pavement | BELCHERTOWN- WARE- PAVEMENT PRESERVATION AND RELATED WORK ON ROUTE 9 | 0 | \$3.91 | \$0.44 | \$1.97 | \$1.50 |
| | 609397 | 1 Reliability | Highway Non-Interstate Pavement | ATHOL- PHILLIPSTON- RESURFACING AND RELATED WORK ON ROUTE 2 | 0 | \$7.60 | \$5.13 | \$2.47 | \$0.00 |
| | 609401 | 1 Reliability | Highway Interstate Pavement | HOLDEN- WEST BOYLSTON- RESURFACING AND RELATED WORK ON I-190 | 0 | \$7.09 | \$4.01 | \$3.08 | \$0.00 |
| | 609404 | 1 Reliability | Highway Bridge | DISTRICT 1- SCHEDULED & EMERGENCY BRIDGE SUPERSTRUCTURE REPAIRS AT VARIOUS LOCATIONS | 0 | \$2.42 | \$1.82 | \$0.60 | \$0.00 |
| | 609407 | 1 Reliability | Highway Bridge | DISTRICT 6- STEEL SUPERSTRUCTURE CLEANING (FULL REMOVAL) AND PAINTING OF 5 BRIDGES | 0 | \$6.91 | \$5.25 | \$1.66 | \$0.00 |
| | 609408 | 1 Reliability | Highway Bridge | DISTRICT 6- SCHEDULED & EMERGENCY INSTALLATION OF BRIDGE SHIELDING AT VARIOUS LOCATIONS | 0 | \$2.62 | \$1.53 | \$1.09 | \$0.00 |
| | 609411 | 3 Expansion | Highway Bicycle and Pedestrian | FITCHBURG- LEOMINSTER- TWIN CITIES RAIL TRAIL CONSTRUCTION (PHASE II) | 43.5 | \$10.18 | \$0.00 | \$1.33 | \$8.85 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|----------|-------------|-----------------|-----------------------------------|---|-------|-----------|-----------------|----------|----------------|
| Highway | 609412 | 1 Reliability | Highway Bridge | DISTRICT 3- SCHEDULED & EMERGENCY DECK REPAIRS AT VARIOUS LOCATIONS | 0 | \$2.84 | \$2.84 | \$0.00 | \$0.00 |
| | 609414 | 1 Reliability | Highway Safety Improvements | STATEWIDE- WRONG WAY COUNTERMEASURES | 0 | \$2.27 | \$0.09 | \$2.04 | \$0.14 |
| | 609417 | 1 Reliability | Highway Safety Improvements | DISTRICT 4- DISTRICT 5- DISTRICT 6- INSTALLATION OF HORIZONTAL CURVE WARNING SIGNS, PAVEMENT MARKINGS, DELINEATORS & SURFACE TREATMENTS | 0 | \$1.02 | \$0.00 | \$0.13 | \$0.89 |
| | 609418 | 1 Reliability | Highway Safety Improvements | DISTRICT 1- DISTRICT 2- DISTRICT 3- INSTALLATION OF HORIZONTAL CURVE WARNING SIGNS, PAVEMENT MARKINGS, DELINEATORS & SURFACE TREATMENTS | 0 | \$1.60 | \$0.00 | \$0.22 | \$1.38 |
| | 609419 | 1 Reliability | Highway Non-Interstate Pavement | DISTRICT 2- RESURFACING AND RELATED WORK AT VARIOUS LOCATIONS | 0 | \$1.46 | \$0.15 | \$0.74 | \$0.58 |
| | 609420 | 1 Reliability | Highway Roadway Improvements | DISTRICT 2- TREE REMOVAL & SIGHT DISTANCE CLEARANCE AT VARIOUS LOCATIONS | 0 | \$0.80 | \$0.58 | \$0.22 | \$0.00 |
| | 609421 | 1 Reliability | Highway Roadway Improvements | DISTRICT 2- TRAFFIC MANAGEMENT AT VARIOUS LOCATIONS | 0 | \$0.97 | \$0.94 | \$0.03 | \$0.00 |
| | 609422 | 1 Reliability | Highway Roadway Improvements | DISTRICT 2- VEGETATION MANAGEMENT (MECHANICAL) AT VARIOUS LOCATIONS | 0 | \$0.64 | \$0.08 | \$0.36 | \$0.20 |
| | 609425 | 1 Reliability | Highway Bridge | DISTRICT 2- BRIDGE DECK REPAIRS AT VARIOUS LOCATIONS | 0 | \$2.04 | \$0.92 | \$1.12 | \$0.00 |
| | 609426 | 1 Reliability | Highway Bridge | DISTRICT 2- NON-ROUTINE AND EMERGENCY STRUCTURAL REPAIRS AT VARIOUS LOCATIONS | 0 | \$7.77 | \$4.92 | \$2.85 | \$0.00 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|----------|-------------|-------------------|----------------------------------|---|-------|-----------|-----------------|----------|----------------|
| Highway | 609443 | 1 Reliability | Highway Roadway Improvements | DISTRICT 3- SCHEDULED AND EMERGENCY TREE TRIMMING, REMOVAL AND SIGHT DISTANCE CLEARING AT VARIOUS LOCATIONS | 0 | \$2.19 | \$1.69 | \$0.50 | \$0.00 |
| | 609444 | 1 Reliability | Highway Roadway Improvements | DISTRICT 3- VEGETATION MANAGEMENT (MECHANICAL) AT VARIOUS LOCATIONS | 0 | \$1.67 | \$1.40 | \$0.26 | \$0.00 |
| | 609445 | 1 Reliability | Highway Roadway Improvements | DISTRICT 3- SCHEDULED & EMERGENCY DRAINAGE STRUCTURE AND PIPE CLEANING AT VARIOUS LOCATIONS | 0 | \$1.13 | \$0.53 | \$0.60 | \$0.00 |
| | 609447 | 1 Reliability | Highway Bridge | DISTRICT 1- BRIDGE DECK AND JOINT REPAIRS AT VARIOUS LOCATIONS | 0 | \$1.56 | \$0.00 | \$0.54 | \$1.02 |
| | 609448 | 1 Reliability | Highway Bridge | DISTRICT 1- SCHEDULED AND EMERGENCY SUPER-STRUCTURE REPAIRS AT VARIOUS LOCATIONS | 0 | \$0.79 | \$0.17 | \$0.40 | \$0.22 |
| | 609449 | 1 Reliability | Highway Facilities | DISTRICT 1- SCHEDULED & EMERGENCY FACILITY & SALT SHED REPAIRS AT VARIOUS LOCATIONS | 0 | \$0.26 | \$0.06 | \$0.14 | \$0.06 |
| | 609450 | 2 Modernization | Highway Roadway Reconstruction | DISTRICT 1- ROADWAY REPAIRS AND SLOPE STABILIZATION AT VARIOUS LOCATIONS | 0 | \$0.88 | \$0.28 | \$0.39 | \$0.22 |
| | 609451 | 1 Reliability | Highway Roadway Improvements | DISTRICT 1- MOWING AT VARIOUS LOCATIONS | 0 | \$0.25 | \$0.17 | \$0.08 | \$0.00 |
| | 609452 | 2 Modernization | Highway ADA Retrofits | DISTRICT 1- SIDEWALK REPAIR AT VARIOUS LOCATIONS | 0 | \$0.22 | \$0.00 | \$0.09 | \$0.13 |
| | 609453 | 1 Reliability | Highway Roadway Improvements | DISTRICT 1- SCHEDULED AND EMERGENCY TREE TRIMMING, REMOVAL AND SIGHT DISTANCE CLEARING AT VARIOUS LOCATIONS | 0 | \$0.49 | \$0.43 | \$0.06 | \$0.00 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|----------|-------------|-------------------|-------------------------------------|---|-------|-----------|-----------------|----------|----------------|
| | 609454 | 1 Reliability | Highway Roadway Improvements | DISTRICT 1- POTHOLE REPAIR AND PAVED WATER-WAY RESTORATION AT VARIOUS LOCATIONS | 0 | \$0.29 | \$0.04 | \$0.17 | \$0.08 |
| | 609455 | 1 Reliability | Highway Non-Interstate Pavement | DISTRICT 1- STATE HIGHWAY RESURFACING AT VARIOUS LOCATIONS | 0 | \$6.68 | \$6.16 | \$0.53 | -\$0.01 |
| | 609456 | 1 Reliability | Highway Roadway Improvements | DISTRICT 2- SCHEDULED AND EMERGENCY GUARDRAIL END TREATMENT UPGRADES AND REPAIRS AT VARIOUS LOCATIONS | 0 | \$0.83 | \$0.73 | \$0.10 | \$0.00 |
| | 609460 | 1 Reliability | Highway Roadway Improvements | DISTRICT 4- SCHEDULED & EMERGENCY TREE REMOVAL, TREE TRIMMING AND SIGHT DISTANCE IMPROVEMENTS | 0 | \$0.93 | \$0.93 | \$0.00 | \$0.00 |
| | 609474 | 2 Modernization | Highway Intersection Improvements | DISTRICT 4- TRAFFIC SIGNAL IMPROVEMENTS AT VARIOUS LOCATIONS | 0 | \$1.19 | \$0.76 | \$0.42 | \$0.00 |
| | 609475 | 1 Reliability | Highway Safety Improvements | DISTRICT 4- HIGHWAY LIGHTING REPAIRS AND IMPROVEMENTS AT VARIOUS LOCATIONS | 0 | \$0.53 | \$0.42 | \$0.11 | \$0.00 |
| | 609477 | 1 Reliability | Highway Bridge | AUBURN- CLEANING & PAINTING OF A-17-030, A-17-033, A-17-037 & A-17-040 | 0 | \$2.40 | \$2.18 | \$0.22 | \$0.00 |
| | 609479 | 1 Reliability | Highway Interstate Pavement | OTIS- BECKET- INTERSTATE MAINTENANCE AND RELATED WORK ON I-90 | 0 | \$10.12 | \$0.93 | \$8.58 | \$0.62 |
| | 609486 | 1 Reliability | Highway Roadway Improvements | DISTRICT 4- CRACK SEALING & PAVEMENTS REPAIRS | 0 | \$0.53 | \$0.30 | \$0.23 | \$0.00 |
| | 609487 | 1 Reliability | Highway Roadway Improvements | DISTRICT 4- ROADSIDE LITTER REMOVAL AT VARIOUS LOCATIONS | 0 | \$0.24 | \$0.17 | \$0.07 | \$0.00 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|----------|-------------|-------------------|-------------------------------------|---|-------|-----------|-----------------|----------|----------------|
| Highway | 609488 | 1 Reliability | Highway Safety Improvements | DISTRICT 3- FABRICATION AND INSTALLATION OF OVERHEAD AND GROUND MOUNTED GUIDE SIGNS AT VARIOUS LOCATIONS | 0 | \$0.21 | \$0.11 | \$0.08 | \$0.02 |
| | 609489 | 2 Modernization | Highway Intersection Improvements | DISTRICT 3- TRAFFIC SIGNAL BETTERMENT AND MAINTENANCE AT VARIOUS LOCATIONS | 0 | \$0.90 | \$0.40 | \$0.46 | \$0.05 |
| | 609490 | 1 Reliability | Highway Safety Improvements | DISTRICT 3- HIGHWAY LIGHTING AT VARIOUS LOCATIONS | 0 | \$0.98 | \$0.40 | \$0.50 | \$0.08 |
| | 609491 | 1 Reliability | Highway Bridge | DISTRICT 4- SCHEDULED AND EMERGENCY BRIDGE DECK REPAIRS INCLUDING JOINTS AT VARIOUS LOCATIONS | 0 | \$2.19 | \$1.16 | \$1.01 | \$0.02 |
| | 609494 | 1 Reliability | Highway Roadway Improvements | DISTRICT 2- SCHEDULED AND EMERGENCY REPAIR, RECONSTRUCTION AND CLEANING OF DRAINAGE STRUCTURES AND PIPES AT VARIOUS LOCATIONS | 0 | \$3.32 | \$2.46 | \$0.82 | \$0.04 |
| | 609496 | 1 Reliability | Highway Safety Improvements | DISTRICT 2- HIGHWAY LIGHTING REPAIRS AT VARIOUS LOCATIONS | 0 | \$0.22 | \$0.04 | \$0.10 | \$0.08 |
| | 609497 | 2 Modernization | Highway Intersection Improvements | DISTRICT 2- DEPLOYMENT OF TEMPORARY TRAFFIC CONTROL AT VARIOUS LOCATIONS | 0 | \$0.45 | \$0.10 | \$0.46 | -\$0.11 |
| | 609500 | 1 Reliability | Highway Roadway Improvements | DISTRICT 5- VEGETATION REMOVAL AT VARIOUS LOCATIONS | 0 | \$0.46 | \$0.30 | \$0.16 | \$0.00 |
| | 609501 | 2 Modernization | Highway Roadway Reconstruction | DISTRICT 5- SIDEWALK REPAIRS AND IMPROVEMENTS AT VARIOUS LOCATIONS (INCLUDING MARTHA'S VINEYARD) | 0 | \$1.08 | \$0.15 | \$0.62 | \$0.31 |
| | 609502 | 1 Reliability | Highway Roadway Improvements | DISTRICT 5- MAINTENANCE OF STATE ROADWAYS AT VARIOUS LOCATIONS ON MARTHA'S VINEYARD | 0 | \$0.98 | \$0.53 | \$0.46 | \$0.00 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|----------|-------------|-----------------|---|--|-------|-----------|-----------------|----------|----------------|
| | 609511 | 1 Reliability | Highway Roadway Improvements | DISTRICT 3- CRACK SEALING AT VARIOUS LOCATIONS | 0 | \$1.01 | \$0.43 | \$0.54 | \$0.04 |
| | 609512 | 1 Reliability | Highway Roadway Improvements | DISTRICT 3- HIGHWAY SWEEPING AT VARIOUS LOCATIONS | 0 | \$0.36 | \$0.04 | \$0.19 | \$0.14 |
| | 609513 | 1 Reliability | Highway Roadway Improvements | DISTRICT 3- SCHEDULED AND EMERGENCY DRAINAGE REPAIRS AND IMPROVEMENTS AT VARIOUS LOCATIONS | 0 | \$2.20 | \$0.22 | \$1.54 | \$0.43 |
| | 609514 | 1 Reliability | Highway Safety Improvements | DISTRICT 3- APPLICATION OF REFLECTORIZED PAVEMENT MARKINGS AT VARIOUS LOCATIONS | 0 | \$1.46 | \$0.66 | \$0.75 | \$0.04 |
| | 609519 | 3 Expansion | Highway Bicycle and Pedestrian Modal Implementation | DISTRICT 1- PEDESTRIAN AND BICYCLE IMPROVEMENTS AT VARIOUS LOCATIONS | 0 | \$1.86 | \$0.63 | \$1.20 | \$0.03 |
| | 609521 | 3 Expansion | Highway Bicycle and Pedestrian Modal Implementation | DISTRICT 2- PEDESTRIAN AND BICYCLE IMPROVEMENTS AT VARIOUS LOCATIONS | 0 | \$2.37 | \$0.65 | \$1.19 | \$0.54 |
| | 609523 | 3 Expansion | Highway Bicycle and Pedestrian Modal Implementation | DISTRICT 3- PEDESTRIAN AND BICYCLE IMPROVEMENTS AT VARIOUS LOCATIONS | 0 | \$2.31 | \$1.15 | \$1.15 | \$0.01 |
| | 609524 | 3 Expansion | Highway Bicycle and Pedestrian Modal Implementation | DISTRICT 4- PEDESTRIAN AND BICYCLE IMPROVEMENTS AT VARIOUS LOCATIONS | 0 | \$2.78 | \$1.52 | \$1.27 | \$0.00 |
| | 609525 | 3 Expansion | Highway Bicycle and Pedestrian Modal Implementation | DISTRICT 5- PEDESTRIAN AND BICYCLE IMPROVEMENTS AT VARIOUS LOCATIONS | 0 | \$3.11 | \$0.20 | \$2.79 | \$0.12 |
| | 609526 | 3 Expansion | Highway Bicycle and Pedestrian Modal Implementation | DISTRICT 6- PEDESTRIAN AND BICYCLE IMPROVEMENTS AT VARIOUS LOCATIONS | 0 | \$2.44 | \$1.15 | \$1.22 | \$0.07 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|------------|-------------|-------------------|--|---|-------|-----------|-----------------|----------|----------------|
| District 3 | 610538 | 1 Reliability | Highway Bridge | DISTRICT 3- SCHEDULED & EMERGENCY BRIDGE STRUCTURAL & SUBSTRUCTURE REPAIRS & RELATED WORK AT VARIOUS LOCATIONS (NOT INCLUDING I-90 BRIDGES) | 0 | \$2.56 | \$2.34 | \$0.22 | \$0.00 |
| | 610547 | 2 Modernization | Highway Intelligent Transportation Systems | BOSTON- CHELSEA- CHELSEA STREET BRIDGE NOTIFICATION SYSTEM | 0 | \$2.54 | \$0.11 | \$2.40 | \$0.03 |
| | 610646 | 1 Reliability | Highway Safety Improvements | DISTRICT 1- DISTRICT 2- DISTRICT 3- CONVERSION OF INTERSTATE AND FREEWAY EXIT SIGNS TO MILEPOST-BASED NUMBERING | 0 | \$1.04 | \$0.73 | \$0.31 | \$0.00 |
| | 610654 | 1 Reliability | Highway Safety Improvements | DISTRICT 1- SCHEDULED AND EMERGENCY FABRICATION AND INSTALLATION OF OVERHEAD AND GROUND MOUNTED GUIDE SIGNS AT VARIOUS LOCATIONS | 0 | \$0.08 | \$0.02 | \$0.06 | \$0.00 |
| | 610677 | 1 Reliability | Highway Non-Interstate Pavement | DISTRICT 3- SCHEDULED AND EMERGENCY RESURFACING AND RELATED WORK AT VARIOUS LOCATIONS | 0 | \$11.96 | \$7.94 | \$3.24 | \$0.79 |
| | 610682 | 1 Reliability | Highway Bridge | DISTRICT 5- DRAWBRIDGE OPERATION, REPAIR & SYSTEMATIC PRESERVATION AT VARIOUS LOCATIONS (INCLUDING MARTH'S VINEYARD) | 0 | \$3.23 | \$0.45 | \$1.82 | \$0.96 |
| | 610687 | 1 Reliability | Highway Bridge | DISTRICT 5- SCHEDULED AND EMERGENCY STRUCTURAL REPAIRS AT VARIOUS LOCATIONS | 0 | \$1.43 | \$0.01 | \$0.72 | \$0.69 |
| | 610688 | 1 Reliability | Highway Bridge | DISTRICT 5- SCHEDULED & EMERGENCY BRIDGE DECK & JOINT REPAIRS AT VARIOUS LOCATIONS | 0 | \$1.81 | \$0.00 | \$0.79 | \$1.02 |
| | 610689 | 1 Reliability | Highway Bridge | DISTRICT 5- DEPLOYMENT OF TEMPORARY TRAFFIC CONTROL AT VARIOUS LOCATIONS (EXCLUDING THE ISLANDS) | 0 | \$0.73 | \$0.00 | \$0.36 | \$0.36 |
| | 610699 | 1 Reliability | Highway Safety Improvements | DISTRICTS 4- DISTRICT 5- DISTRICT 6- CONVERSION OF INTERSTATE AND FREEWAY EXIT SIGNS TO MILEPOST-BASED NUMBERING | 0 | \$1.14 | \$1.14 | \$0.00 | \$0.00 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|----------|-------------|-----------------|-----------------------------------|---|-------|-----------|-----------------|----------|----------------|
| Highway | 610704 | 1 Reliability | Highway Non-Interstate Pavement | BURLINGTON- BILLERICA- RESURFACING AND RELATED WORK ON ROUTE 3A | 0 | \$4.74 | \$0.00 | \$1.24 | \$3.51 |
| | 610723 | 1 Reliability | Highway Interstate Pavement | BOLTON- BOXBOROUGH- HARVARD- LITTLETON- PAVEMENT PRESERVATION ON I- 495 | 0 | \$11.53 | \$0.35 | \$7.84 | \$3.34 |
| | 610724 | 1 Reliability | Highway Interstate Pavement | CHELMSFORD- MEDFORD- SOMERVILLE- STONEHAM- INTERSTATE PRESERVATION ON I- 93 & I-495 | 0 | \$6.65 | \$0.41 | \$2.80 | \$3.45 |
| | 610730 | 1 Reliability | Highway Non-Interstate Pavement | WESTMINSTER- FITCHBURG- PAVEMENT PRESERVATION AND RELATED WORK ON ROUTE 2 | 0 | \$7.50 | \$0.00 | \$0.88 | \$6.62 |
| | 610778 | 1 Reliability | Highway Bridge | DISTRICT 3- BRIDGE CLEANING AND RELATED WORK AT VARIOUS LOCATIONS | 0 | \$0.34 | \$0.12 | \$0.22 | \$0.00 |
| | 610784 | 1 Reliability | Highway Bridge | DISTRICT 4- SCHEDULED AND EMERGENCY DRAWBRIDGE OPERATION, REPAIRS AND RELATED WORK AT VARIOUS LOCATIONS | 0 | \$4.19 | \$0.64 | \$2.81 | \$0.75 |
| | 610785 | 1 Reliability | Highway Bridge | DISTRICT 4- BRIDGE WASHING AND CLEANING AT VARIOUS LOCATIONS | 0 | \$0.50 | \$0.05 | \$0.25 | \$0.20 |
| | 610786 | 1 Reliability | Highway Bridge | DISTRICT 4- SCHEDULED AND EMERGENCY BRIDGE STRUCTURAL REPAIRS (INCLUDING PAINTING) AT VARIOUS LOCATIONS | 0 | \$5.05 | \$0.00 | \$1.98 | \$3.08 |
| | 610787 | 1 Reliability | Highway Bridge | DISTRICT 4- SCHEDULED AND EMERGENCY BRIDGE SUBSTRUCTURE REPAIRS AT VARIOUS LOCATIONS | 0 | \$3.84 | \$0.00 | \$1.34 | \$2.50 |
| | 610789 | 1 Reliability | Highway Roadway Improvements | DISTRICT 1- GUARDRAIL REPAIRS AND UPGRADES AT VARIOUS LOCATIONS | 0 | \$0.14 | \$0.00 | \$0.07 | \$0.07 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|----------|-------------|-------------------|--|---|-------|-----------|-----------------|----------|----------------|
| Highway | 610790 | 1 Reliability | Highway Roadway Improvements | DISTRICT 5- SCHEDULED AND EMERGENCY TREE TRIMMING, REMOVAL, AND SIGHT DISTANCE CLEARING AT VARIOUS LOCATIONS (AREA D - EXCLUDING MARTHA'S VINEYARD & NANTUCKET) | 0 | \$0.69 | \$0.08 | \$0.40 | \$0.21 |
| | 610791 | 2 Modernization | Highway Intelligent Transportation Systems | DISTRICT 4- DISTRICT 6- ITS ROADWAY EQUIPMENT FOR HIGHWAY OPERATIONS | 0 | \$2.23 | \$0.00 | \$0.40 | \$1.83 |
| | 610792 | 2 Modernization | Highway Intelligent Transportation Systems | DISTRICT 3- ITS ROADWAY EQUIPMENT FOR HIGHWAY OPERATIONS | 0 | \$2.31 | \$0.00 | \$0.39 | \$1.92 |
| | 610832 | 1 Reliability | Highway Bridge | DISTRICT 2- SUBSTRUCTURE REPAIRS AT VARIOUS LOCATIONS | 0 | \$1.18 | \$0.01 | \$0.69 | \$0.48 |
| | 610833 | 1 Reliability | Highway Bridge | DISTRICT 2- BRIDGE DECK WEARING SURFACE REPAIRS AT VARIOUS LOCATIONS | 0 | \$0.70 | \$0.05 | \$0.36 | \$0.30 |
| | 610834 | 1 Reliability | Highway Bridge | DISTRICT 2- BRIDGE SHIELDING AND SHORING TOWERS AT VARIOUS LOCATIONS | 0 | \$0.30 | \$0.02 | \$0.16 | \$0.13 |
| | 610835 | 1 Reliability | Highway Bridge | DISTRICT 2- NON-ROUTINE AND EMERGENCY STRUCTURAL REPAIRS AT VARIOUS LOCATIONS | 0 | \$1.39 | \$0.06 | \$0.70 | \$0.63 |
| | 610836 | 1 Reliability | Highway Bridge | DISTRICT 2- BRIDGE DECK REPAIRS AT VARIOUS LOCATIONS | 0 | \$0.87 | \$0.03 | \$0.45 | \$0.39 |
| | 610840 | 1 Reliability | Highway Facilities | DISTRICT 2- SCHEDULED AND EMERGENCY FACILITY REPAIR AT VARIOUS LOCATIONS | 0 | \$0.50 | \$0.08 | \$0.07 | \$0.35 |
| | 610841 | 1 Reliability | Highway Safety Improvements | DISTRICT 2- IMPACT ATTENUATOR REPAIR (CRASH CUSHIONS) AT VARIOUS LOCATIONS | 0 | \$0.36 | \$0.00 | \$0.05 | \$0.31 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|----------|-------------|-----------------|-----------------------------------|---|-------|-----------|-----------------|----------|----------------|
| Highway | 610842 | 1 Reliability | Highway Safety Improvements | DISTRICT 4- APPLICATION OF REFLECTORIZED PAVEMENT MARKINGS AT VARIOUS LOCATIONS | 0 | \$0.75 | \$0.17 | \$0.47 | \$0.11 |
| | 610843 | 1 Reliability | Highway Bridge | BOSTON- MILTON- BRIDGE MAINTENANCE, B-16-265, B-16-270 & B-16-252 & RELATED RESURFACING WORK | 0 | \$9.81 | \$0.56 | \$2.80 | \$6.46 |
| | 610844 | 1 Reliability | Highway Roadway Improvements | DISTRICT 1- SCHEDULED AND EMERGENCY CLEANING OF DRAINAGE STRUCTURE AND PIPES AT VARIOUS LOCATIONS. | 0 | \$0.11 | \$0.00 | \$0.04 | \$0.06 |
| | 610845 | 1 Reliability | Highway Safety Improvements | DISTRICT 1- APPLICATION OF REFLECTORIZED PAVEMENT MARKINGS AT VARIOUS LOCATIONS | 0 | \$0.11 | \$0.01 | \$0.06 | \$0.04 |
| | 610846 | 1 Reliability | Highway Facilities | DISTRICT 5- SCHEDULED AND EMERGENCY SALT SHED AT VARIOUS LOCATIONS (INCLUDING MARTHA'S VINEYARD) | 0 | \$0.87 | \$0.10 | \$0.50 | \$0.27 |
| | 610847 | 1 Reliability | Highway Roadway Improvements | DISTRICT 5- CATCH BASIN AND DRAINAGE SYSTEM CLEANING AT VARIOUS LOCATIONS (EXCLUDING THE ISLANDS) | 0 | \$0.84 | \$0.04 | \$0.45 | \$0.35 |
| | 610848 | 1 Reliability | Highway Roadway Improvements | DISTRICT 5- SCHEDULED AND EMERGENCY TREE TRIMMING, REMOVAL, AND SIGHT DISTANCE CLEARING AT VARIOUS LOCATIONS (AREAS A,B, & C) | 0 | \$1.19 | \$0.06 | \$0.63 | \$0.50 |
| | 610849 | 1 Reliability | Highway Non-Interstate Pavement | DISTRICT 5- PAVEMENT REPAIRS AND IMPROVEMENTS AT VARIOUS LOCATIONS (AREAS A,B, & C) | 0 | \$3.30 | \$0.36 | \$1.62 | \$1.32 |
| | 610850 | 1 Reliability | Highway Non-Interstate Pavement | DISTRICT 5- PAVEMENT REPAIRS AND IMPROVEMENTS AT VARIOUS LOCATIONS IN AREA D (BARNSTABLE COUNTY) | 0 | \$0.69 | \$0.02 | \$0.40 | \$0.27 |
| | 610851 | 1 Reliability | Highway Roadway Improvements | DISTRICT 5- HIGHWAY SWEEPING AT VARIOUS LOCATIONS | 0 | \$1.54 | \$0.00 | \$0.80 | \$0.74 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|----------|-------------|-----------------|-----------------------------------|--|-------|-----------|-----------------|----------|----------------|
| | 610852 | 1 Reliability | Highway Roadway Improvements | DISTRICT 5- SCHEDULED AND EMERGENCY DRAINAGE AND EROSION REPAIRS AT VARIOUS LOCATIONS (INCLUDING MARTHA'S VINEYARD) | 0 | \$0.75 | \$0.00 | \$0.37 | \$0.37 |
| | 610853 | 1 Reliability | Highway Roadway Improvements | DISTRICT 5- SCHEDULED AND EMERGENCY DRAINAGE REPAIRS AND IMPROVEMENTS AT VARIOUS LOCATIONS (INCLUDING MARTHA'S VINEYARD) | 0 | \$1.61 | \$0.00 | \$0.56 | \$1.05 |
| | 610854 | 1 Reliability | Highway Safety Improvements | DISTRICT 5- APPLICATION OF REFLECTORIZED PAVEMENT MARKINGS AT VARIOUS LOCATIONS (INCLUDING MARTHA'S VINEYARD) | 0 | \$1.07 | \$0.00 | \$0.37 | \$0.70 |
| | 610855 | 1 Reliability | Highway Safety Improvements | DISTRICT 5- SCHEDULED AND EMERGENCY FABRICATION AND INSTALLATION OF OVERHEAD AND GROUND MOUNTED GUIDE SIGNS AT VARIOUS LOCATIONS (INCLUDING MARTHA'S VINEYARD) | 0 | \$0.30 | \$0.00 | \$0.15 | \$0.15 |
| | 610856 | 1 Reliability | Highway Roadway Improvements | DISTRICT 5- SCHEDULED & EMERGENCY GUARDRAIL AND CABLE BARRIER REPAIRS AT VARIOUS LOCATIONS | 0 | \$1.07 | \$0.00 | \$0.42 | \$0.65 |
| | 610858 | 1 Reliability | Highway Safety Improvements | DISTRICT 1- DISTRICT 2- RESURFACING AND HIGH FRICTION SURFACE TREATMENT AND RELATED WORK AT MULTIPLE LOCATIONS | 0 | \$2.74 | \$0.00 | \$1.99 | \$0.75 |
| | 610859 | 1 Reliability | Highway Non-Interstate Pavement | DISTRICT 3- SCHEDULED AND EMERGENCY HMA PAVEMENT AND BERM REPAIRS AT VARIOUS LOCATIONS | 0 | \$4.32 | \$0.20 | \$2.52 | \$1.60 |
| | 610860 | 1 Reliability | Highway Roadway Improvements | DISTRICT 3- DEPLOYMENT OF TEMPORARY TRAFFIC CONTROL AT VARIOUS LOCATIONS | 0 | \$0.32 | \$0.00 | \$0.13 | \$0.20 |
| | 610861 | 1 Reliability | Highway Facilities | DISTRICT 3- SCHEDULED AND EMERGENCY FACILITY REPAIR AT VARIOUS LOCATIONS | 0 | \$0.94 | \$0.00 | \$0.37 | \$0.57 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|------------|-------------|-----------------|--------------------------------|---|-------|-----------|-----------------|----------|----------------|
| District 3 | 610862 | 1 Reliability | Highway Roadway Improvements | DISTRICT 3- VEGETATION MANAGEMENT (MECHANICAL) AT VARIOUS LOCATIONS | 0 | \$2.36 | \$0.00 | \$0.61 | \$1.74 |
| | 610863 | 1 Reliability | Highway Roadway Improvements | DISTRICT 3- SCHEDULED AND EMERGENCY TREE TRIMMING, REMOVAL AND SIGHT DISTANCE CLEARING AT VARIOUS LOCATIONS | 0 | \$2.69 | \$0.00 | \$0.70 | \$1.99 |
| | 610864 | 1 Reliability | Highway Facilities | DISTRICT 3- SCHEDULED AND EMERGENCY FIRE SAFETY INSPECTION, TESTING AND REPAIRS AT VARIOUS LOCATIONS | 0 | \$0.22 | \$0.00 | \$0.03 | \$0.18 |
| | 610865 | 1 Reliability | Highway Roadway Improvements | DISTRICT 3- DEPLOYMENT OF TEMPORARY TRAFFIC CONTROL AT VARIOUS LOCATIONS | 0 | \$0.41 | \$0.00 | \$0.16 | \$0.25 |
| | 610866 | 1 Reliability | Highway Bridge | DISTRICT 3- SCHEDULED & EMERGENCY DECK REPAIRS AT VARIOUS LOCATIONS | 0 | \$2.05 | \$0.95 | \$0.61 | \$0.49 |
| | 610867 | 1 Reliability | Highway Bridge | DISTRICT 3- SCHEDULED & EMERGENCY STRUCTURAL AND SUBSTRUCTURE REPAIRS AT VARIOUS LOCATIONS | 0 | \$2.00 | \$0.30 | \$1.00 | \$0.70 |
| | 610868 | 1 Reliability | Highway Bridge | DISTRICT 3- SCHEDULED & EMERGENCY DECK AND JOINT REPAIRS AT VARIOUS LOCATIONS | 0 | \$1.73 | \$0.04 | \$0.87 | \$0.83 |
| | 610870 | 1 Reliability | Highway Roadway Improvements | DISTRICT 4- SCHEDULED & EMERGENCY TREE REMOVAL, TREE TRIMMING & SIGHTDISTANCE IMPROVEMENTS AT VARIOUS LOCATIONS | 0 | \$0.76 | \$0.13 | \$0.63 | \$0.00 |
| | 610871 | 1 Reliability | Highway Roadway Improvements | DISTRICT 4- VEGETATION MANAGEMENT AT VARIOUS LOCATIONS | 0 | \$0.45 | \$0.03 | \$0.43 | \$0.00 |
| | 610872 | 1 Reliability | Highway Facilities | DISTRICT 4- SCHEDULED & EMERGENCY FACILITY REPAIR AND IMPROVEMENTS AT VARIOUS LOCATIONS | 0 | \$1.02 | \$0.00 | \$0.36 | \$0.67 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|------------|-------------|-----------------|-----------------------------------|--|-------|-----------|-----------------|----------|----------------|
| District 4 | 610873 | 1 Reliability | Highway Facilities | DISTRICT 4- SCHEDULED & EMERGENCY SALT SHED REPAIRS AND IMPROVEMENTS AT VARIOUS LOCATIONS | 0 | \$0.55 | \$0.00 | \$0.14 | \$0.41 |
| | 610874 | 1 Reliability | Highway Non-Interstate Pavement | DISTRICT 4- RESURFACING & RELATED WORK AT VARIOUS LOCATIONS | 0 | \$1.54 | \$0.00 | \$0.60 | \$0.94 |
| | 610875 | 1 Reliability | Highway Roadway Improvements | DISTRICT 4- SCHEDULED & EMERGENCY GUARDRAIL REPAIRS | 0 | \$1.21 | \$0.30 | \$0.65 | \$0.26 |
| | 610876 | 1 Reliability | Highway Roadway Improvements | DISTRICT 4- ROADWAY REPAIRS AT VARIOUS LOCATIONS | 0 | \$0.48 | \$0.02 | \$0.25 | \$0.21 |
| | 610877 | 1 Reliability | Highway Roadway Improvements | DISTRICT 4- HIGHWAY SWEEPING AT VARIOUS LOCATIONS | 0 | \$0.54 | \$0.00 | \$0.21 | \$0.33 |
| | 610878 | 1 Reliability | Highway Roadway Improvements | DISTRICT 4- SCHEDULED & EMERGENCY DRAINAGE REPAIRS & IMPROVEMENTS AT VARIOUS LOCATIONS | 0 | \$0.74 | \$0.00 | \$0.24 | \$0.50 |
| | 610879 | 1 Reliability | Highway Roadway Improvements | DISTRICT 4- SCHEDULED & EMERGENCY CLEANING OF DRAINAGE STRUCTURES & PIPES AT VARIOUS LOCATIONS | 0 | \$0.64 | \$0.00 | \$0.34 | \$0.30 |
| | 610880 | 1 Reliability | Highway Roadway Improvements | DISTRICT 4- SCHEDULED & EMERGENCY DRAINAGE STRUCTURE REPAIRS AT VARIOUS LOCATIONS | 0 | \$0.65 | \$0.00 | \$0.23 | \$0.42 |
| | 610881 | 1 Reliability | Highway Safety Improvements | DISTRICT 4- SCHEDULED AND EMERGENCY FABRICATION AND INSTALLATION OF OVERHEAD AND GROUND MOUNTED GUIDE SIGNS AT VARIOUS LOCATIONS | 0 | \$0.34 | \$0.03 | \$0.20 | \$0.12 |
| | 610882 | 1 Reliability | Highway Safety Improvements | DISTRICT 4- SCHEDULED & EMERGENCY REPAIRS TO IMPACT ATTENUATORS AT VARIOUS LOCATIONS | 0 | \$0.37 | \$0.03 | \$0.19 | \$0.16 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|------------|-------------|-----------------|-----------------------------------|---|-------|-----------|-----------------|----------|----------------|
| District 6 | 610884 | 1 Reliability | Highway Facilities | DISTRICT 6- SCHEDULED & EMERGENCY FACILITIES REPAIR AND IMPROVEMENT AT VARIOUS LOCATIONS | 0 | \$0.75 | \$0.20 | \$0.36 | \$0.18 |
| | 610885 | 1 Reliability | Highway Roadway Improvements | DISTRICT 6- SCHEDULED & EMERGENCY TREE TRIMMING, REMOVAL & SIGHT DISTANCE CLEARING AT VARIOUS LOCATIONS | 0 | \$0.79 | \$0.10 | \$0.40 | \$0.30 |
| | 610886 | 1 Reliability | Highway Bridge | DISTRICT 6- SCHEDULED & EMERGENCY DRAWBRIDGE MAINTENANCE, REPAIR, AND OPERATION AT VARIOUS LOCATIONS | 0 | \$4.88 | \$0.75 | \$2.44 | \$1.69 |
| | 610887 | 1 Reliability | Highway Bridge | DISTRICT 6- BRIDGE WASHING AND CLEANING AT VARIOUS LOCATIONS | 0 | \$0.65 | \$0.17 | \$0.30 | \$0.18 |
| | 610889 | 1 Reliability | Highway Non-Interstate Pavement | DISTRICT 6- RESURFACING & RELATED WORK AT VARIOUS LOCATIONS | 0 | \$2.98 | \$0.11 | \$1.60 | \$1.27 |
| | 610890 | 1 Reliability | Highway Bridge | DISTRICT 6- SCHEDULED & EMERGENCY STRUCTURAL & SUBSTRUCTURE REPAIRS AT VARIOUS LOCATIONS | 0 | \$3.84 | \$0.04 | \$1.94 | \$1.86 |
| | 610891 | 1 Reliability | Highway Roadway Improvements | DISTRICT 6- SCHEDULED & EMERGENCY GUARDRAIL & FENCE REPAIR & SNOW FENCE INSTALLATION AT VARIOUS LOCATIONS | 0 | \$1.27 | \$0.01 | \$0.64 | \$0.62 |
| | 610892 | 1 Reliability | Highway Roadway Improvements | DISTRICT 6- SCHEDULED AND EMERGENCY VEGETATION MANAGEMENT AT VARIOUS LOCATIONS | 0 | \$1.29 | \$0.00 | \$0.56 | \$0.73 |
| | 610893 | 1 Reliability | Highway Bridge | DISTRICT 6- SCHEDULED & EMERGENCY INSTALLATION OF BRIDGE SHIELDING AT VARIOUS LOCATIONS | 0 | \$1.53 | \$0.00 | \$0.40 | \$1.13 |
| | 610895 | 1 Reliability | Highway Roadway Improvements | DISTRICT 1- GUARDRAIL REPAIR AND REPLACEMENT AT VARIOUS LOCATIONS ON I-90 | 0 | \$0.47 | \$0.00 | \$0.47 | \$0.00 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|----------|-------------|-----------------|--------------------------------|---|-------|-----------|-----------------|----------|----------------|
| Highway | 610897 | 1 Reliability | Highway Facilities | DISTRICT 5- SCHEDULED AND EMERGENCY FACILITY REPAIRS AND IMPROVEMENTS AT VARIOUS LOCATIONS | 0 | \$1.11 | \$0.00 | \$0.40 | \$0.71 |
| | 610916 | 1 Reliability | Highway Bridge | DISTRICT 2- BRIDGE JOINT REPAIRS AT VARIOUS LOCATIONS | 0 | \$0.69 | \$0.00 | \$0.35 | \$0.35 |
| | 610918 | 1 Reliability | Highway Bridge | BOSTON- CHELSEA- STRUCTURAL REPAIRS TO THE TOBIN BRIDGE, B-16-017=C-09-006 | 0 | \$16.61 | \$0.00 | \$3.00 | \$13.61 |
| | 611941 | 1 Reliability | Highway Bridge | DISTRICT 3- SCHEDULED & EMERGENCY BRIDGE STRUCTURAL & SUBSTRUCTURE REPAIRS AND RELATED WORK AT VARIOUS LOCATIONS ALONG I-90 | 0 | \$1.98 | \$0.27 | \$0.96 | \$0.75 |
| | 611944 | 1 Reliability | Highway Roadway Improvements | DISTRICT 1- ROADSIDE VEGETATION MANAGEMENT (SPRAYING) AT VARIOUS LOCATIONS ON I-90 | 0 | \$0.08 | \$0.00 | \$0.04 | \$0.04 |
| | 611946 | 1 Reliability | Highway Roadway Improvements | DISTRICT 5- ROADSIDE VEGETATION MANAGEMENT(SPRAYING) AT VARIOUS LOCATIONS | 0 | \$0.33 | \$0.00 | \$0.03 | \$0.30 |
| | 611961 | 1 Reliability | Highway Bridge | DISTRICT 4- DEPLOYMENT OF TEMPORARY TRAFFIC CONTROL AT VARIOUS LOCATIONS | 0 | \$1.32 | \$0.06 | \$0.63 | \$0.63 |
| | 611993 | 1 Reliability | Highway Facilities | STATEWIDE- SPACE MODERNIZATION FOR THE HIGHWAY OPERATIONS CENTER (HOC) | 0 | \$2.38 | \$0.00 | \$1.49 | \$0.89 |
| | 612021 | 1 Reliability | Highway Roadway Improvements | DISTRICT 5- LITTER REMOVAL SERVICES AT VARIOUS LOCATIONS | 0 | \$1.89 | \$0.00 | \$0.16 | \$1.73 |
| | 612114 | 1 Reliability | Highway Safety Improvements | DISTRICT 5- HIGHWAY LIGHTING REPAIRS AND IMPROVEMENTS AT VARIOUS LOCATIONS | 0 | \$1.51 | \$0.00 | \$0.20 | \$1.31 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|------------|-------------|-----------------|-----------------------------------|--|-------|-----------|-----------------|----------|----------------|
| District 5 | 612121 | 1 Reliability | Highway Bridge | DISTRICT 5- SCHEDULED AND EMERGENCY INSTALLATION OF BRIDGE SHIELDING AT VARIOUS LOCATIONS | 0 | \$0.54 | \$0.00 | \$0.15 | \$0.39 |
| | 612122 | 1 Reliability | Highway Bridge | DISTRICT 5- SCHEDULED AND EMERGENCY SUBSTRUCTURE REPAIRS AT VARIOUS LOCATIONS | 0 | \$2.16 | \$0.00 | \$0.19 | \$1.97 |
| | 612123 | 1 Reliability | Highway Bridge | DISTRICT 5- SCHEDULED AND EMERGENCY STEEL BEAM REPAIRS AT VARIOUS LOCATIONS | 0 | \$1.62 | \$0.00 | \$0.14 | \$1.48 |
| | 612134 | 1 Reliability | Highway Bridge | DISTRICT 3- SCHEDULED & EMERGENCY DECK REPAIRS AT VARIOUS LOCATIONS | 0 | \$2.52 | \$0.00 | \$0.11 | \$2.42 |
| | 612140 | 1 Reliability | Highway Bridge | DISTRICT 3- ELASTOMERIC PROTECTIVE COATING APPLICATION TO CONCRETE SURFACES AND RELATED WORK | 0 | \$0.87 | \$0.00 | \$0.32 | \$0.55 |
| | 612171 | 1 Reliability | Highway Bridge | DISTRICT 3- SCHEDULED AND EMERGENCY BRIDGE DECK REPAIRS AT VARIOUS LOCATIONS ON I-90 | 0 | \$1.66 | \$0.00 | \$0.15 | \$1.51 |
| | 612204 | 1 Reliability | Highway Safety Improvements | DISTRICT 5- REMOVAL OF RAISED PAVEMENT MARKINGS AT VARIOUS LOCATIONS | 0 | \$0.70 | \$0.00 | \$0.03 | \$0.67 |
| | 612217 | 1 Reliability | Highway Non-Interstate Pavement | DISTRICT 5- PAVEMENT REPAIRS AND IMPROVEMENTS AT VARIOUS LOCATIONS (EXCLUDING THE ISLANDS) | 0 | \$0.81 | \$0.00 | \$0.04 | \$0.77 |
| | 612227 | 1 Reliability | Highway Roadway Improvements | DISTRICT 4- LITTER CONTROL AT VARIOUS LOCATIONS | 0 | \$0.54 | \$0.00 | \$0.02 | \$0.52 |
| | 612254 | 1 Reliability | Highway Bridge | DISTRICT 4- SCHEDULED AND EMERGENCY BRIDGE DECK REPAIRS AT VARIOUS LOCATIONS | 0 | \$5.34 | \$0.00 | \$0.70 | \$4.64 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|------------|-------------|-----------------|-----------------------------------|---|-------|-----------|-----------------|----------|----------------|
| District 4 | 612255 | 1 Reliability | Highway Bridge | DISTRICT 4- SCHEDULED AND EMERGENCY BRIDGE JOINT REPAIRS AT VARIOUS LOCATIONS | 0 | \$3.74 | \$0.00 | \$0.49 | \$3.25 |
| | PLUG-10 | 1 Reliability | Highway Facilities | FACILITIY REPAIR PROGRAM | 0 | \$21.00 | \$0.00 | \$5.00 | \$16.00 |
| | PLUG-11 | 1 Reliability | Highway Facilities | FACILITIY REPAIR PROGRAM | 0 | \$12.00 | \$0.00 | \$2.00 | \$10.00 |
| | PLUG-12 | 1 Reliability | Highway Municipal Pavement | MUNICIPAL PAVEMENT PROGRAM | 0 | \$100.00 | \$0.00 | \$15.00 | \$85.00 |
| | PLUG-13 | 1 Reliability | Highway Bridge | NFA MAINTENANCE PROGRAM - BRIDGE | 0 | \$544.59 | \$0.00 | -\$11.71 | \$556.30 |
| | PLUG-14 | 1 Reliability | Highway Roadway Improvements | NFA MAINTENANCE PROGRAM - ROADWAY IMPROVEMENTS | 0 | \$62.57 | \$0.00 | -\$8.43 | \$71.00 |
| | PLUG-15 | 1 Reliability | Highway Non-Interstate Pavement | NFA MAINTENANCE PROGRAM - NON-INTERSTATE PAVING | 0 | \$6.72 | \$0.00 | -\$3.28 | \$10.00 |
| | PLUG-16 | 1 Reliability | Highway Bridge | NEXT GENERATION BRIDGE | 0 | \$756.24 | \$0.00 | \$3.18 | \$753.06 |
| | PLUG-17 | 1 Reliability | Highway Bridge | ABP BRIDGE MAINTENANCE & PROGRAM CLOSE-OUT | 0 | \$14.00 | \$0.00 | \$8.00 | \$6.00 |
| | PLUG-2 | 1 Reliability | Highway Equipment | EQUIPMENT | 0 | \$25.00 | \$0.00 | \$5.00 | \$20.00 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|----------|-------------|-------------------|--|---|-------|-----------|-----------------|----------|----------------|
| Highway | PLUG-20 | 1 Reliability | Highway Bridge | NEXT GENERATION BRIDGE - NFA | 0 | \$113.40 | \$0.00 | \$11.00 | \$102.40 |
| | PLUG-3 | 1 Reliability | Highway Equipment | EQUIPMENT | 0 | \$115.00 | \$0.00 | \$23.00 | \$92.00 |
| | PLUG-4 | 2 Modernization | Highway Complete Streets | COMPLETE STREETS | 0 | \$50.00 | \$0.00 | \$10.00 | \$40.00 |
| | PLUG-5 | 1 Reliability | Highway Municipal Small Bridge | MUNICIPAL BRIDGE PROGRAM | 0 | \$50.00 | \$0.00 | \$10.00 | \$40.00 |
| | PLUG-6 | 2 Modernization | Highway Local Bottleneck Reduction | LOCAL BOTTLENECK PROGRAM | 0 | \$25.00 | \$0.00 | \$2.50 | \$22.50 |
| | PLUG-7 | 1 Reliability | Highway Non-Interstate Pavement | PLACEHOLDER FOR NHS NFA NON-INTERSTATE PAVEMENT | 0 | \$112.21 | \$0.00 | \$12.50 | \$99.71 |
| | PM_1_16 | 2 Modernization | Highway ADA Retrofits | PROGRAM MANAGEMENT - ADA RETROFITS | 0 | \$2.73 | \$0.00 | \$0.54 | \$2.19 |
| | PM_1_66 | 2 Modernization | Highway ADA Retrofits | PROGRAM MANAGEMENT - ADA RETROFITS | 0 | \$1.46 | \$0.00 | \$0.32 | \$1.14 |
| | PM_10_16 | 2 Modernization | Highway Intelligent Transportation Systems | PROGRAM MANAGEMENT - ITS | 0 | \$2.73 | \$0.00 | \$0.54 | \$2.19 |
| | PM_10_66 | 2 Modernization | Highway Intelligent Transportation Systems | PROGRAM MANAGEMENT - ITS | 0 | \$4.19 | \$0.00 | \$0.92 | \$3.27 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|----------|-------------|-------------------|--|--|-------|-----------|-----------------|----------|----------------|
| Highway | PM_10_68 | 2 Modernization | Highway Intelligent Transportation Systems | PROGRAM MANAGEMENT - ITS | 0 | \$0.55 | \$0.00 | \$0.10 | \$0.45 |
| | PM_10_69 | 2 Modernization | Highway Intelligent Transportation Systems | PROGRAM MANAGEMENT - ITS | 0 | \$0.83 | \$0.00 | \$0.15 | \$0.68 |
| | PM_10_70 | 2 Modernization | Highway Intelligent Transportation Systems | PROGRAM MANAGEMENT - ITS | 0 | \$0.08 | \$0.00 | \$0.02 | \$0.07 |
| | PM_11_16 | 2 Modernization | Highway Intersection Improvements | PROGRAM MANAGEMENT - INTERSECTION IMPROVEMENTS | 0 | \$8.20 | \$0.00 | \$1.62 | \$6.58 |
| | PM_11_66 | 2 Modernization | Highway Intersection Improvements | PROGRAM MANAGEMENT - INTERSECTION IMPROVEMENTS | 0 | \$14.20 | \$0.00 | \$3.04 | \$11.16 |
| | PM_11_68 | 2 Modernization | Highway Intersection Improvements | PROGRAM MANAGEMENT - INTERSECTION IMPROVEMENTS | 0 | \$2.77 | \$0.00 | \$0.50 | \$2.27 |
| | PM_12_16 | 1 Reliability | Highway Interstate Pavement | PROGRAM MANAGEMENT - INTERSTATE PAVEMENT | 0 | \$21.88 | \$0.00 | \$4.33 | \$17.55 |
| | PM_12_66 | 1 Reliability | Highway Interstate Pavement | PROGRAM MANAGEMENT - INTERSTATE PAVEMENT | 0 | \$3.30 | \$0.00 | \$0.84 | \$2.46 |
| | PM_13_16 | 1 Reliability | Highway Non-Interstate Pavement | PROGRAM MANAGEMENT - NON-INTERSTATE PAVEMENT | 0 | \$8.20 | \$0.00 | \$1.62 | \$6.58 |
| | PM_13_66 | 1 Reliability | Highway Non-Interstate Pavement | PROGRAM MANAGEMENT - NON-INTERSTATE PAVEMENT | 0 | \$1.46 | \$0.00 | \$0.64 | \$0.82 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|----------|-------------|-------------------|-----------------------------------|--|-------|-----------|-----------------|----------|----------------|
| Highway | PM_13_68 | 1 Reliability | Highway Non-Interstate Pavement | PROGRAM MANAGEMENT - NON-INTERSTATE PAVEMENT | 0 | \$8.32 | \$0.00 | \$1.50 | \$6.82 |
| | PM_13_69 | 1 Reliability | Highway Non-Interstate Pavement | PROGRAM MANAGEMENT - NON-INTERSTATE PAVEMENT | 0 | \$2.49 | \$0.00 | \$0.45 | \$2.04 |
| | PM_13_70 | 1 Reliability | Highway Non-Interstate Pavement | PROGRAM MANAGEMENT - NON-INTERSTATE PAVEMENT | 0 | \$0.51 | \$0.00 | \$0.09 | \$0.42 |
| | PM_14_16 | 1 Reliability | Highway Roadway Improvements | PROGRAM MANAGEMENT - ROADWAY IMPROVEMENTS | 0 | \$8.20 | \$0.00 | \$1.62 | \$6.58 |
| | PM_14_66 | 1 Reliability | Highway Roadway Improvements | PROGRAM MANAGEMENT - ROADWAY IMPROVEMENTS | 0 | \$2.26 | \$0.00 | \$0.68 | \$1.58 |
| | PM_14_68 | 1 Reliability | Highway Roadway Improvements | PROGRAM MANAGEMENT - ROADWAY IMPROVEMENTS | 0 | \$3.33 | \$0.00 | \$0.60 | \$2.73 |
| | PM_14_69 | 1 Reliability | Highway Roadway Improvements | PROGRAM MANAGEMENT - ROADWAY IMPROVEMENTS | 0 | \$2.49 | \$0.00 | \$0.45 | \$2.04 |
| | PM_14_70 | 1 Reliability | Highway Roadway Improvements | PROGRAM MANAGEMENT - ROADWAY IMPROVEMENTS | 0 | \$0.51 | \$0.00 | \$0.09 | \$0.42 |
| | PM_15_16 | 2 Modernization | Highway Roadway Reconstruction | PROGRAM MANAGEMENT - ROADWAY RECONSTRUCTION | 0 | \$54.70 | \$0.00 | \$10.82 | \$43.88 |
| | PM_15_66 | 2 Modernization | Highway Roadway Reconstruction | PROGRAM MANAGEMENT - ROADWAY RECONSTRUCTION | 0 | \$69.77 | \$0.00 | \$15.36 | \$54.41 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|----------|-------------|-------------------|----------------------------------|---|-------|-----------|-----------------|----------|----------------|
| Highway | PM_15_68 | 2 Modernization | Highway Roadway Reconstruction | PROGRAM MANAGEMENT - ROADWAY RECONSTRUCTION | 0 | \$9.98 | \$0.00 | \$1.80 | \$8.18 |
| | PM_15_69 | 2 Modernization | Highway Roadway Reconstruction | PROGRAM MANAGEMENT - ROADWAY RECONSTRUCTION | 0 | \$16.60 | \$0.00 | \$3.00 | \$13.60 |
| | PM_16_16 | 1 Reliability | Highway Safety Improvements | PROGRAM MANAGEMENT - SAFETY IMPROVEMENTS | 0 | \$2.73 | \$0.00 | \$0.54 | \$2.19 |
| | PM_16_66 | 1 Reliability | Highway Safety Improvements | PROGRAM MANAGEMENT - SAFETY IMPROVEMENTS | 0 | \$1.25 | \$0.00 | \$0.39 | \$0.86 |
| | PM_16_68 | 1 Reliability | Highway Safety Improvements | PROGRAM MANAGEMENT - SAFETY IMPROVEMENTS | 0 | \$1.66 | \$0.00 | \$0.30 | \$1.36 |
| | PM_16_69 | 1 Reliability | Highway Safety Improvements | PROGRAM MANAGEMENT - SAFETY IMPROVEMENTS | 0 | \$2.49 | \$0.00 | \$0.45 | \$2.04 |
| | PM_16_70 | 1 Reliability | Highway Safety Improvements | PROGRAM MANAGEMENT - SAFETY IMPROVEMENTS | 0 | \$0.25 | \$0.00 | \$0.05 | \$0.21 |
| | PM_17_123 | 1 Reliability | Highway Tunnels | PROGRAM MANAGEMENT - TUNNELS | 0 | \$23.42 | \$0.00 | \$4.50 | \$18.92 |
| | PM_17_16 | 1 Reliability | Highway Tunnels | PROGRAM MANAGEMENT - TUNNELS | 0 | \$1.37 | \$0.00 | \$0.27 | \$1.10 |
| | PM_17_66 | 1 Reliability | Highway Tunnels | PROGRAM MANAGEMENT - TUNNELS | 0 | \$81.99 | \$0.00 | \$17.59 | \$64.40 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|----------|-------------|-----------------|----------------------------------|---|-------|-----------|-----------------|----------|----------------|
| Highway | PM_17_69 | 1 Reliability | Highway Tunnels | PROGRAM MANAGEMENT - TUNNELS | 0 | \$19.10 | \$0.00 | \$3.45 | \$15.65 |
| | PM_4_16 | 3 Expansion | Highway Bicycle and Pedestrian | PROGRAM MANAGEMENT - BICYCLE AND PEDESTRIAN | 0 | \$6.84 | \$0.00 | \$1.35 | \$5.48 |
| | PM_4_66 | 3 Expansion | Highway Bicycle and Pedestrian | PROGRAM MANAGEMENT - BICYCLE AND PEDESTRIAN | 0 | \$14.14 | \$0.00 | \$2.95 | \$11.19 |
| | PM_5_16 | 1 Reliability | Highway Bridge | PROGRAM MANAGEMENT - BRIDGE | 0 | \$117.60 | \$0.00 | \$23.26 | \$94.34 |
| | PM_5_66 | 1 Reliability | Highway Bridge | PROGRAM MANAGEMENT - BRIDGE | 0 | \$142.51 | \$0.00 | \$31.75 | \$110.76 |
| | PM_5_68 | 1 Reliability | Highway Bridge | PROGRAM MANAGEMENT - BRIDGE | 0 | \$24.40 | \$0.00 | \$4.40 | \$20.00 |
| | PM_5_69 | 1 Reliability | Highway Bridge | PROGRAM MANAGEMENT - BRIDGE | 0 | \$36.53 | \$0.00 | \$6.60 | \$29.93 |
| | PM_5_70 | 1 Reliability | Highway Bridge | PROGRAM MANAGEMENT - BRIDGE | 0 | \$6.24 | \$0.00 | \$1.11 | \$5.13 |
| | PM_6_16 | 3 Expansion | Highway Capacity | PROGRAM MANAGEMENT - CAPACITY | 0 | \$38.29 | \$0.00 | \$7.57 | \$30.71 |
| | PM_6_66 | 3 Expansion | Highway Capacity | PROGRAM MANAGEMENT - CAPACITY | 0 | \$45.63 | \$0.00 | \$9.64 | \$35.99 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|-------------|-------------|-------------------|-------------------------------------|--|-------|-----------|-----------------|----------|----------------|
| | PM_9_66 | 1 Reliability | Highway Facilities | PROGRAM MANAGEMENT - FACILITIES | 0 | \$13.21 | \$0.00 | \$2.90 | \$10.31 |
| | PM_9_68 | 1 Reliability | Highway Facilities | PROGRAM MANAGEMENT - FACILITIES | 0 | \$4.44 | \$0.00 | \$0.80 | \$3.64 |
| | PM_9_69 | 1 Reliability | Highway Facilities | PROGRAM MANAGEMENT - FACILITIES | 0 | \$2.49 | \$0.00 | \$0.45 | \$2.04 |
| | PM_9_70 | 1 Reliability | Highway Facilities | PROGRAM MANAGEMENT - FACILITIES | 0 | \$0.84 | \$0.00 | \$0.15 | \$0.69 |
| Natick | 605034 | 2 Modernization | Highway Roadway Reconstruction | NATICK- RECONSTRUCTION OF ROUTE 27 (NORTH MAIN STREET), FROM NORTH AVENUE TO THE WAYLAND T.L. | 49.5 | \$5.90 | \$2.42 | \$3.08 | \$0.40 |
| New Bedford | 606709 | 2 Modernization | Highway Roadway Reconstruction | NEW BEDFORD- CORRIDOR IMPROVEMENTS AND RELATED WORK ON KINGS HIGHWAY, FROM CHURCH STREET TO THE KINGS HIGHWAY BRIDGE (N-06-036) OVER ROUTE 140 | 66 | \$8.24 | \$2.59 | \$2.83 | \$2.81 |
| | 606718 | 3 Expansion | Highway Capacity | NEW BEDFORD- INTERSECTION IMPROVEMENTS AT HATHAWAY ROAD, MOUNT PLEASANT STREET AND NAUSET STREET | 56.5 | \$3.63 | \$1.19 | \$2.34 | \$0.10 |
| | 608536 | 2 Modernization | Highway Intersection Improvements | NEW BEDFORD- INTERSECTION IMPROVEMENTS AND RELATED WORK AT ROCKDALE AVENUE AND ALLEN STREET | 43 | \$2.44 | \$0.00 | \$1.47 | \$0.98 |
| | 610685 | 1 Reliability | Highway Bridge | NEW BEDFORD- SYSTEMATIC BRIDGE PRESERVATION, N-06-018 (3NA), ROUTE 140 OVER HATHAWAY ROAD | 0 | \$1.41 | \$0.10 | \$0.71 | \$0.60 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|-----------------|-------------|-------------------|-------------------------------------|--|-------|-----------|-----------------|----------|----------------|
| New Marlborough | 608642 | 1 Reliability | Highway Bridge | NEW MARLBOROUGH- SUPERSTRUCURE REPLACEMENT OF THREE (3) BRIDGES,N-08-001, NORFOLK ROAD, N-08-017, LUMBERT ROAD, N-08-018, CANAAN-SOUTHFIELD ROAD OVER UMPACHENE RIVER | 0 | \$4.24 | \$0.00 | \$2.43 | \$1.82 |
| | 608645 | 1 Reliability | Highway Bridge | NEW MARLBOROUGH- SUPERSTRUCTURE REPLACEMENT, N-08-006, CAMPBELL FALLS ROAD OVER WHITING RIVER | 0 | \$1.03 | \$0.71 | \$0.32 | \$0.00 |
| Newburyport | 608792 | 2 Modernization | Highway Roadway Reconstruction | NEWBURYPORT- IMPROVEMENTS AT NOCK MIDDLE SCHOOL & MOLIN UPPER ELEMENTARY SCHOOL (SRTS) | 0 | \$2.39 | \$2.39 | \$0.00 | \$0.00 |
| Newton | 608610 | 1 Reliability | Highway Bridge | NEWTON- STEEL SUPERSTRUCTURE CLEANING (FULL REMOVAL) AND PAINTING OF N-12-055 | 0 | \$1.50 | \$0.30 | \$1.20 | \$0.00 |
| North Adams | 609164 | 1 Reliability | Highway Bridge | NORTH ADAMS- SYSTEMATIC BRIDGE MAINTENANCE, N-14-017, ROUTE 2 OVER HOOSIC RIVER | 0 | \$1.03 | \$0.33 | \$0.70 | \$0.00 |
| Northampton | 604597 | 2 Modernization | Highway Roadway Reconstruction | NORTHAMPTON- IMPROVEMENTS ON I-91 INTERCHANGE 19 AT ROUTE 9 AND DAMON ROAD | 59 | \$8.56 | \$8.12 | \$0.44 | \$0.00 |
| | 606552 | 1 Reliability | Highway Bridge | NORTHAMPTON– BRIDGE REPLACEMENT, N-19-059, I-91 OVER US ROUTE 5 AND B&MRR, BRIDGE REPLACEMENT, N-19-060, I-91 OVER HOCKANUM ROAD AND IMPROVEMENTS TO I-91/INTERCHANGE 18 | 0 | \$49.13 | \$0.42 | \$13.73 | \$34.99 |
| | 607502 | 2 Modernization | Highway Intersection Improvements | NORTHAMPTON- INTERSECTION IMPROVEMENTS AT KING STREET, NORTH STREET & SUMMER STREET AND AT KING STREET & FINN STREET | 55 | \$3.49 | \$0.24 | \$1.40 | \$1.85 |
| | 608236 | 2 Modernization | Highway Roadway Reconstruction | NORTHAMPTON- RECONSTRUCTION OF DAMON ROAD, FROM ROUTE 9 TO ROUTE 5, INCLUDES DRAINAGE SYSTEM REPAIRS & SLOPE STABILIZATION AT THE NORWOTTUCK RAIL TRAIL | 63.5 | \$9.51 | \$1.56 | \$4.14 | \$3.81 |

Highway

2022 Capital Investment Plan

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|--------------|-------------|-------------------|-----------------------------------|---|-------|-----------|-----------------|----------|----------------|
| Northborough | 609507 | 1 Reliability | Highway Bridge | NORTHBOROUGH- CLEANING, PAINTING & VARIOUS REPAIRS OF N-20-027, SOLOMON POND ROAD OVER INTERSTATE 290 | 0 | \$1.78 | \$0.38 | \$1.40 | \$0.00 |
| Northfield | 607588 | 3 Expansion | Highway Bicycle and Pedestrian | NORTHFIELD- BIKE/PED BRIDGE CONSTRUCTION TO REPLACE N-22-002, SCHELL BRIDGE OVER THE CONNECTICUT RIVER | 36 | \$25.48 | \$0.00 | \$2.91 | \$22.56 |
| Norton | 607531 | 2 Modernization | Highway Roadway Reconstruction | NORTON- CORRIDOR IMPROVEMENTS & RELATED WORK ON EAST MAIN STREET (ROUTE 123), FROM PINE STREET TO I-495 | 32.5 | \$6.69 | \$1.74 | \$0.58 | \$4.37 |
| Oak Bluffs | 608142 | 3 Expansion | Highway Bicycle and Pedestrian | OAK BLUFFS- CONSTRUCTION OF A SHARED USE PATH ALONG BEACH ROAD, FROM THE LAGOON POND BRIDGE NORTHERLY TO THE EASTVILLE AVENUE/COUNTY ROAD INTERSECTION | 29.5 | \$4.09 | \$0.00 | \$0.38 | \$3.71 |
| Orange | 606309 | 1 Reliability | Highway Bridge | ORANGE- BRIDGE REPLACEMENT, O-03-021, ROUTE 2 OVER ROUTE 202 | 0 | \$17.37 | \$6.88 | \$5.03 | \$5.46 |
| | 607527 | 1 Reliability | Highway Bridge | ORANGE- BRIDGE REPLACEMENT, O-03-009, HOLTSHIRE ROAD OVER MILLERS RIVER | 0 | \$4.95 | \$4.43 | \$0.52 | \$0.00 |
| Oxford | 612133 | 1 Reliability | Highway Bridge | OXFORD- STRUCTURAL STEEL CLEANING, PAINTING & VARIOUS REPAIRS OF OVERHEAD BRIDGES ON I-395: O-06-033 (1PX), O-06-034 (1PY), O-06-035 (1Q2) & O-06-040 (1QD) | 0 | \$7.80 | \$0.00 | \$0.82 | \$6.98 |
| Palmer | 611935 | 1 Reliability | Highway Facilities | PALMER- CONSTRUCTION OF A SALT STORAGE SHED AND RELATED WORK AT ROUTE 20 DEPOT | 0 | \$0.62 | \$0.01 | \$0.61 | \$0.00 |
| Peabody | 609101 | 1 Reliability | Highway Non-Interstate Pavement | PEABODY- PAVEMENT PRESERVATION AND RELATED WORK ON ROUTE 128 | 0 | \$4.14 | \$0.86 | \$3.27 | \$0.01 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|------------|-------------|-------------------|-------------------------------------|---|-------|-----------|-----------------|----------|----------------|
| Pembroke | 608266 | 1 Reliability | Highway Non-Interstate Pavement | PEMBROKE- RESURFACING AND RELATED WORK ON ROUTE 53 | 0 | \$3.68 | \$0.65 | \$3.02 | \$0.00 |
| Pittsfield | 607760 | 2 Modernization | Highway Intersection Improvements | PITTSFIELD- INTERSECTION & SIGNAL IMPROVEMENTS AT 9 LOCATIONS ALONG SR 8 & SR 9 | 56 | \$3.77 | \$3.20 | \$0.57 | \$0.00 |
| | 608854 | 1 Reliability | Highway Bridge | PITTSFIELD- BRIDGE REPLACEMENT, P-10-034, MILL STREET OVER W. BRANCH OF HOUSATONIC RIVER | 0 | \$3.62 | \$0.00 | \$0.64 | \$2.98 |
| Plymouth | 605038 | 2 Modernization | Highway Roadway Reconstruction | PLYMOUTH- RECONSTRUCTION OF TAYLOR AVENUE, FROM WHITE HORSE ROAD TO MANOMET POINT ROAD, INCLUDES BRIDGE REPLACEMENT OF P-13-010 | 0 | \$7.34 | \$6.13 | \$1.21 | \$0.00 |
| | 606264 | 2 Modernization | Highway Roadway Reconstruction | PLYMOUTH- IMPROVEMENTS ON OBERY STREET, FROM SOUTH STREET TO A.A. CARANCI WAY/PLYMOUTH NORTH H.S. DRIVE INTERSECTION | 38.5 | \$5.36 | \$5.10 | \$0.26 | \$0.00 |
| Quincy | 606518 | 3 Expansion | Highway Capacity | QUINCY- CONSTRUCTION OF NEW CONNECTION (BRIDGE) FROM BURGIN PARKWAY OVER MBTA | 42 | \$10.31 | \$8.11 | \$2.20 | \$0.00 |
| Raynham | 605328 | 1 Reliability | Highway Bridge | RAYNHAM- BRIDGE REPLACEMENT, R-02-013 (3PA), US 44 (CAPE HIGHWAY) OVER SR 24 | 0 | \$22.42 | \$21.08 | \$1.34 | \$0.00 |
| | 608267 | 2 Modernization | Highway Roadway Reconstruction | RAYNHAM- RESURFACING AND RELATED WORK ON ROUTE 138 | 0 | \$20.53 | \$0.00 | \$2.33 | \$18.20 |
| Reading | 604804 | 1 Reliability | Highway Non-Interstate Pavement | READING- RESURFACING & RELATED WORK ON ROUTE 28 (MAIN STREET) | 50.75 | \$5.41 | \$4.61 | \$0.81 | \$0.00 |
| | 607305 | 2 Modernization | Highway Intersection Improvements | READING- INTERSECTION SIGNALIZATION @ ROUTE 28 & HOPKINS STREET | 63.5 | \$1.85 | \$0.00 | \$1.03 | \$0.82 |

Highway

2022 Capital Investment Plan

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|-----------|-------------|-------------------|---|--|-------|-----------|-----------------|----------|----------------|
| Rehoboth | 608470 | 1 Reliability | Highway Non-Interstate Pavement | REHOBOTH- RESURFACING AND RELATED WORK ON ROUTE 44 | 0 | \$4.90 | \$4.75 | \$0.15 | \$0.00 |
| | 608618 | 1 Reliability | Highway Bridge | REHOBOTH- BRIDGE REPLACEMENT, R-04-004, REED STREET OVER PALMER RIVER | 0 | \$3.87 | \$0.00 | \$1.08 | \$2.80 |
| Rockland | 609533 | 3 Expansion | Highway Bicycle and Pedestrian Modal Implementation | ROCKLAND- PEDESTRIAN AND BICYCLE IMPROVEMENTS ON MARKET STREET (ROUTE 123) | 50 | \$1.64 | \$0.00 | \$0.30 | \$1.34 |
| Salem | 605332 | 1 Reliability | Highway Bridge | SALEM- BRIDGE REPLACEMENT, S-01-001, (ST 114) NORTH STREET OVER NORTH RIVER | 0 | \$1.83 | \$0.00 | \$0.16 | \$1.67 |
| | 608352 | 3 Expansion | Highway Bicycle and Pedestrian | SALEM- CANAL STREET RAIL TRAIL CONSTRUCTION (PHASE 2) | 31 | \$4.39 | \$3.18 | \$1.21 | \$0.00 |
| | 608743 | 2 Modernization | Highway Roadway Reconstruction | SALEM- IMPROVEMENTS AT BATES ELEMENTARY SCHOOL (SRTS) | 0 | \$0.71 | \$0.46 | \$0.26 | \$0.00 |
| Salisbury | 605020 | 3 Expansion | Highway Bicycle and Pedestrian | SALISBURY- MULTI-USE TRAIL EXTENSION (BORDERS TO BOSTON TRAIL), INCLUDES NEW BRIDGE S-02-004 AND BOARDWALK (S-02-012 (BYX) | 30 | \$6.03 | \$5.97 | \$0.06 | \$0.00 |
| Sandwich | 610683 | 1 Reliability | Highway Bridge | SANDWICH- SYSTEMATIC BRIDGE PRESERVATION, S-04-001 (4A4), ROUTE 6A OVER SCORTON RIVER | 0 | \$0.82 | \$0.13 | \$0.69 | \$0.00 |
| Savoy | 608647 | 1 Reliability | Highway Bridge | SAVOY- BRIDGE SUPERSTRUCTURE REPLACEMENT, S-06-003, CENTER ROAD OVER CENTER BROOK | 0 | \$1.99 | \$0.00 | \$0.46 | \$1.53 |
| Seekonk | 607392 | 2 Modernization | Highway Intersection Improvements | SEEKONK- INTERSECTION IMPROVEMENTS & RELATED WORK AT FALL RIVER AVENUE (ROUTE 114A) AND COUNTY STREET | 52 | \$2.34 | \$1.24 | \$1.10 | \$0.00 |

Highway

2022 Capital Investment Plan

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|-------------|-------------|-------------------|-------------------------------------|--|-------|-----------|-----------------|----------|----------------|
| Sharon | 608481 | 1 Reliability | Highway Non-Interstate Pavement | SEEKONK- RESURFACING AND RELATED WORK ON ROUTE 44 | 0 | \$1.87 | \$0.03 | \$1.85 | \$0.00 |
| | 608079 | 1 Reliability | Highway Bridge | SHARON- BRIDGE REPLACEMENT, S-09-003 (40N), MASKWONICUT STREET OVER AMTRAK/MBTA | 0 | \$8.07 | \$0.00 | \$1.47 | \$6.60 |
| | 608635 | 1 Reliability | Highway Bridge | SHIRLEY- BRIDGE REPLACEMENT, S-13-005, CARRYING LONGLEY ROAD OVER THE Mulpus Brook | 0 | \$1.40 | \$0.67 | \$0.73 | \$0.00 |
| | 606380 | 1 Reliability | Highway Bridge | SHREWSBURY- BRIDGE REHABILITATION, S-14-018, BOYLSTON STREET (ROUTE 140) OVER I-290 | 0 | \$15.53 | \$13.62 | \$1.91 | \$0.00 |
| | 606528 | 1 Reliability | Highway Bridge | SOMERVILLE- BRIDGE PRESERVATION, S-17-031, I-93 NB AND SB FROM ROUTE 28 TO TEMPLE STREET | 0 | \$38.74 | \$0.00 | \$0.50 | \$38.24 |
| | 604989 | 2 Modernization | Highway Roadway Reconstruction | SOUTHBOROUGH- RECONSTRUCTION OF MAIN STREET (ROUTE 30), FROM SEARS ROAD TO PARK STREET | 49 | \$7.46 | \$6.70 | \$0.76 | \$0.00 |
| | 608892 | 3 Expansion | Highway Bicycle and Pedestrian | SOUTHBRIDGE- QUINEBAUG RIVER BANK STABILIZATION | 32 | \$0.58 | \$0.20 | \$0.38 | \$0.00 |
| | 607589 | 3 Expansion | Highway Bicycle and Pedestrian | SPRINGFIELD- NORTH END PEDESTRIAN PATH CONSTRUCTION (UNDER THE CONNECTICUT RIVER RAILROAD), BETWEEN PLAINFIELD STREET AND BIRNIE AVENUE, INCLUDES CONSTRUCTION OF NEW UNDERPASS S-24-044 | 33 | \$6.90 | \$5.86 | \$1.03 | \$0.00 |
| Springfield | 608411 | 2 Modernization | Highway Intersection Improvements | SPRINGFIELD- INTERSECTION IMPROVEMENTS AT BAY STREET AND BERKSHIRE AVENUE | 53 | \$2.02 | \$1.60 | \$0.42 | \$0.00 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|------------|-------------|-------------------|-------------------------------------|--|-------|-----------|-----------------|----------|----------------|
| | 608718 | 2 Modernization | Highway Intersection Improvements | SPRINGFIELD- INTERSECTION IMPROVEMENTS AT BERKSHIRE AVENUE, COTTAGE AND HARVEY STREETS | 58 | \$1.90 | \$0.17 | \$1.73 | \$0.00 |
| | 608782 | 2 Modernization | Highway Intersection Improvements | SPRINGFIELD- INTERSECTION IMPROVEMENTS AT COTTAGE STREET, INDUSTRY AVENUE AND ROBBINS ROAD | 53.5 | \$2.45 | \$0.00 | \$1.43 | \$1.03 |
| Sterling | 611934 | 1 Reliability | Highway Facilities | STERLING- ROOF REPLACEMENT AT MAINTENANCE BUILDING AT CHOCKSETT STREET DEPOT | 0 | \$0.54 | \$0.00 | \$0.03 | \$0.51 |
| Stoughton | 608829 | 2 Modernization | Highway Roadway Reconstruction | STOUGHTON- IMPROVEMENTS AT RICHARD L. WILKINS ELEMENTARY SCHOOL (SRTS) | 0 | \$3.45 | \$0.00 | \$0.89 | \$2.56 |
| Stow | 605342 | 1 Reliability | Highway Bridge | STOW- BRIDGE REPLACEMENT, S-29-001, (ST 62) GLEASONDALE ROAD OVER THE ASSABET RIVER | 0 | \$4.34 | \$0.16 | \$3.33 | \$0.86 |
| Sturbridge | 606701 | 1 Reliability | Highway Bridge | STURBRIDGE- CULVERT REPLACEMENT @ ROUTE 20 & SNELL STREET | 0 | \$3.45 | \$0.35 | \$3.10 | \$0.00 |
| | 609481 | 1 Reliability | Highway Interstate Pavement | STURBRIDGE- INTERSTATE MAINTENANCE & RELATED WORK ON I-90 (STURBRIDGE T.L. TO I-84 INTERCHANGE) | 0 | \$9.78 | \$0.95 | \$7.66 | \$1.17 |
| | 610826 | 1 Reliability | Highway Bridge | STURBRIDGE- BRIDGE REPLACEMENT, S-30-019, CHAMPEAUX ROAD OVER LONG POND | 0 | \$1.84 | \$0.00 | \$0.50 | \$1.34 |
| Sunderland | 607245 | 2 Modernization | Highway Roadway Reconstruction | SUNDERLAND- RESURFACING & RELATED WORK ON A SECTION OF NORTH MAIN STREET (ROUTE 47), FROM ROUTE 116 TO CLAYBROOK DRIVE | 42.5 | \$2.41 | \$0.75 | \$1.66 | \$0.00 |
| Swampscott | 607761 | 2 Modernization | Highway Intersection Improvements | SWAMPSCOTT- INTERSECTION & SIGNAL IMPROVEMENTS AT SR 1A (PARADISE ROAD) AT SWAMPSCOTT MALL | 50 | \$1.51 | \$0.05 | \$1.09 | \$0.38 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|-----------|-------------|-------------------|-----------------------------------|---|-------|-----------|-----------------|----------|----------------|
| Swansea | 609493 | 1 Reliability | Highway Bridge | SWANSEA- BRIDGE PRESERVATION ON S-35-014 (3WP) | 0 | \$2.36 | \$1.14 | \$1.22 | \$0.00 |
| Taunton | 605888 | 3 Expansion | Highway Capacity | TAUNTON- INTERCHANGE IMPROVEMENTS AT ROUTES 24 & 140, INCLUDING REPLACING T-01-045 AND T-01-046 | 61.5 | \$125.96 | \$1.26 | \$28.43 | \$96.27 |
| | 607572 | 2 Modernization | Highway Roadway Reconstruction | TAUNTON- CORRIDOR IMPROVEMENTS & RELATED WORK ON BROADWAY (ROUTE 138), FROM LEONARD STREET NORTHERLY TO PURCHASE STREET (PHASE 1) | 49.5 | \$6.37 | \$0.78 | \$2.76 | \$2.83 |
| | 609197 | 1 Reliability | Highway Facilities | TAUNTON- HVAC SYSTEM REPLACEMENT AT THE DISTRICT ADMINISTRATION BUILDING | 0 | \$0.73 | \$0.67 | \$0.05 | \$0.00 |
| | 612165 | 1 Reliability | Highway Safety Improvements | DISTRICT 5- CORRIDOR SIGN REPLACEMENT ON ROUTES 3A, 6, 6A AND 28 | 0 | \$0.54 | \$0.00 | \$0.02 | \$0.52 |
| Tewksbury | 608297 | 1 Reliability | Highway Non-Interstate Pavement | TEWKSBURY- RESURFACING AND SIDEWALK RECONSTRUCTION ON ROUTE 38 BEGINNING AT COLONIAL DRIVE NORTH TO THE INTERSECTION OF OLD BOSTON ROAD APPROXIMATELY 1.5 MILES | 41.5 | \$6.18 | \$0.00 | \$0.66 | \$5.52 |
| | 608346 | 2 Modernization | Highway Roadway Reconstruction | TEWKSBURY- INTERSECTION IMPROVEMENTS AT MAIN STREET, SALEM ROAD AND SOUTH STREET | 68.5 | \$3.28 | \$1.78 | \$1.50 | \$0.00 |
| Tisbury | 607411 | 2 Modernization | Highway Roadway Reconstruction | TISBURY- BIKE & PEDESTRIAN IMPROVEMENTS ALONG BEACH ROAD, FROM THE TERMINATION OF THE EXISTING SHARED USE PATH WESTERLY TO THE FIVE CORNERS INTERSECTION | 33.5 | \$3.32 | \$0.42 | \$1.53 | \$1.37 |
| Townsend | 608259 | 1 Reliability | Highway Bridge | TOWNSEND- BRIDGE REPLACEMENT, T-07-013, WEST MEADOW ROAD OVER LOCKE BROOK | 0 | \$2.43 | \$2.41 | \$0.02 | \$0.00 |

Highway

2022 Capital Investment Plan

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|-----------|-------------|-------------------|-------------------------------------|---|-------|-----------|-----------------|----------|----------------|
| Tyringham | 608646 | 1 Reliability | Highway Bridge | TYRINGHAM- BRIDGE REPLACEMENT, T-10-007, MONTEREY ROAD OVER HOP BROOK | 0 | \$1.75 | \$0.96 | \$0.79 | \$0.00 |
| Upton | 606125 | 2 Modernization | Highway Roadway Reconstruction | UPTON- RECONSTRUCTION OF HIGH STREET AND HOPKINTON ROAD (PHASE I) | 48 | \$5.45 | \$3.37 | \$2.08 | \$0.00 |
| | 608764 | 2 Modernization | Highway Roadway Reconstruction | UPTON- RECONSTRUCTION OF HARTFORD AVENUE NORTH AND HIGH STREET (PHASE II) | 45 | \$3.17 | \$0.30 | \$2.87 | \$0.00 |
| Uxbridge | 604948 | 2 Modernization | Highway Roadway Reconstruction | UXBRIDGE- RECONSTRUCTION OF ROUTE 122 (NORTH MAIN STREET), FROM HARTFORD AVENUE TO ROUTE 16 | 44 | \$4.21 | \$2.66 | \$1.55 | \$0.00 |
| | 605347 | 1 Reliability | Highway Bridge | UXBRIDGE- BRIDGE REPLACEMENT, U-02-041, ST 146 (NB) OVER THE MUMFORD RIVER | 0 | \$3.81 | \$2.08 | \$1.73 | \$0.00 |
| Walpole | 602261 | 2 Modernization | Highway Roadway Reconstruction | WALPOLE- RECONSTRUCTION ON ROUTE 1A (MAIN STREET), FROM THE NORWOOD T.L. TO ROUTE 27, INCLUDES W-03-024 OVER THE NEPONSET RIVER | 48 | \$21.07 | \$0.79 | \$5.20 | \$15.08 |
| Waltham | 607533 | 1 Reliability | Highway Bridge | WALTHAM- BRIDGE REPLACEMENT, W-04-006, WOERD AVENUE OVER CHARLES RIVER | 0 | \$3.01 | \$2.50 | \$0.51 | \$0.00 |
| Ware | 607987 | 2 Modernization | Highway Intersection Improvements | WARE- INTERSECTION IMPROVEMENTS @ MAIN STREET, WEST STREET, NORTH STREET, SOUTH STREET & CHURCH STREET | 63.5 | \$2.13 | \$1.13 | \$1.00 | \$0.00 |
| Wareham | 117106 | 2 Modernization | Highway Roadway Reconstruction | WAREHAM- RECONSTRUCTION OF ROUTE 6 & 28, FROM 500 FT. EAST OF TYLER AVENUE TO RED BROOK ROAD (1.65 MILES) | 51.5 | \$15.89 | \$6.64 | \$5.90 | \$3.35 |
| Warren | 607673 | 1 Reliability | Highway Bridge | WARREN- BRIDGE REHABILITATION, W-07-002, MAIN STREET (SR 67) OVER QUABOAG RIVER | 0 | \$4.16 | \$2.36 | \$1.61 | \$0.19 |

Highway

2022 Capital Investment Plan

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|-----------------|-------------|-------------------|-------------------------------------|---|-------|-----------|-----------------|----------|----------------|
| Webster | 608038 | 2 Modernization | Highway Roadway Reconstruction | WEBSTER- RESURFACING & RELATED WORK OF KLEBART AVENUE & LAKE PARKWAY | 36 | \$5.36 | \$3.88 | \$1.48 | \$0.00 |
| West Brookfield | 608191 | 2 Modernization | Highway Roadway Reconstruction | WEST BROOKFIELD- SIDEWALK AND WHEELCHAIR CONSTRUCTION ON ROUTE 9 | 16 | \$0.68 | \$0.38 | \$0.30 | \$0.00 |
| | 608633 | 1 Reliability | Highway Bridge | WEST BROOKFIELD- BRIDGE REPLACEMENT, W-19-009, FOSTER HILL ROAD OVER COYS BROOK | 0 | \$2.10 | \$1.61 | \$0.49 | \$0.00 |
| Westborough | 607434 | 1 Reliability | Highway Bridge | WESTBOROUGH- SUPERSTRUCTURE REPLACEMENT (PEDESTRIAN BRIDGE), W-24-010, FISHER STREET OVER CSX | 0 | \$1.71 | \$0.00 | \$0.61 | \$1.11 |
| Westfield | 400103 | 1 Reliability | Highway Bridge | WESTFIELD- BRIDGE REPLACEMENT, W-25-006, ROUTE 10/202 (SOUTHWICK ROAD) OVER THE LITTLE RIVER | 0 | \$16.72 | \$0.76 | \$3.50 | \$12.46 |
| | 603783 | 3 Expansion | Highway Bicycle and Pedestrian | WESTFIELD- COLUMBIA GREENWAY RAIL TRAIL CONSTRUCTION (CENTER DOWNTOWN SECTION) | 39.5 | \$8.03 | \$4.38 | \$3.65 | \$0.00 |
| | 607773 | 2 Modernization | Highway Roadway Reconstruction | WESTFIELD- IMPROVEMENTS & RELATED WORK ON ROUTE 20, COURT STEET & WESTERN AVENUE, LLOYDS HILL ROAD TO HIGH STREET/MILL STREET INTERSECTION (PHASE II) | 56.5 | \$8.30 | \$0.07 | \$3.65 | \$4.59 |
| Westford | 608036 | 2 Modernization | Highway Intersection Improvements | WESTFORD- INTERSECTION IMPROVEMENTS @ GROTON ROAD (ROUTE 40) & OAK HILL ROAD, INCLUDES NEW BRIDGE W-26-027 | 0 | \$2.74 | \$2.64 | \$0.10 | \$0.00 |
| | 608037 | 2 Modernization | Highway Intersection Improvements | WESTFORD- INTERSECTION IMPROVEMENTS @ GROTON ROAD (ROUTE 40) & DUNSTABLE ROAD | 53.5 | \$2.51 | \$2.49 | \$0.02 | \$0.00 |
| Westhampton | 608631 | 1 Reliability | Highway Bridge | WESTHAMPTON- BRIDGE REPLACEMENT, W-27-005, KINGS HIGHWAY OVER N BRANCH MANHAN RIVER | 0 | \$2.38 | \$0.95 | \$1.22 | \$0.21 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|--------------|-------------|-------------------|-----------------------------------|---|-------|-----------|-----------------|----------|----------------|
| Westminster | 602587 | 1 Reliability | Highway Bridge | WESTMINSTER- BRIDGE REPLACEMENT, W-28-017, ROUTE 12 (ASHBURNHAM ROAD) OVER PHILLIPS BROOK | 0 | \$3.75 | \$1.94 | \$1.38 | \$0.44 |
| | 607431 | 2 Modernization | Highway Roadway Reconstruction | WESTMINSTER- RESURFACING & RELATED WORK ON ROUTE 140, FROM ROUTE 2A TO PATRICIA ROAD | 29 | \$0.91 | \$0.01 | \$0.90 | \$0.00 |
| | 608639 | 1 Reliability | Highway Bridge | WESTMINSTER- BRIDGE REPLACEMENT, W-28-010, CARRYING WHITMANVILLE ROAD OVER THE WHITMAN RIVER | 0 | \$1.41 | \$0.59 | \$0.83 | \$0.00 |
| Weston | PLUG-19 | 1 Reliability | Highway Facilities | WESTON ELECTRICAL DISTRIBUTION REPLACEMENT | 0 | \$1.50 | \$0.00 | \$1.50 | \$0.00 |
| Weymouth | 610651 | 1 Reliability | Highway Roadway Improvements | WEYMOUTH- DRAINAGE IMPROVEMENTS AT BRIDGE STREET (3A) AND NECK STREET | 9.5 | \$0.17 | \$0.02 | \$0.15 | \$0.00 |
| Williamstown | 605356 | 1 Reliability | Highway Bridge | WILLIAMSTOWN- BRIDGE REPLACEMENT, W-37-015, MAIN STREET (SR 2) OVER THE GREEN RIVER | 0 | \$6.25 | \$0.16 | \$1.26 | \$4.83 |
| | 607254 | 3 Expansion | Highway Bicycle and Pedestrian | WILLIAMSTOWN- MOHAWK BICYCLE/PEDESTRIAN TRAIL CONSTRUCTION | 31 | \$5.06 | \$1.16 | \$2.43 | \$1.47 |
| | 608486 | 1 Reliability | Highway Non-Interstate Pavement | WILLIAMSTOWN- RESURFACING AND RELATED WORK ON ROUTE 43 | 0 | \$2.56 | \$2.56 | \$0.00 | \$0.00 |
| | 609162 | 1 Reliability | Highway Bridge | WILLIAMSTOWN- SYSTEMATIC BRIDGE MAINTENANCE, W-37-013, ROUTE 7 (MOODY BRIDGE) OVER HOOSIC RIVER & PAN-AM RR | 0 | \$1.50 | \$0.00 | \$0.27 | \$1.23 |
| | 611939 | 1 Reliability | Highway Facilities | WILLIAMSTOWN- METAL ROOF AND SIDING REPLACEMENT AT 900 NEW ASHFORD ROAD MAINTNENANCE DEPOT | 0 | \$0.87 | \$0.15 | \$0.72 | \$0.00 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|------------|-------------|-------------------|-------------------------------------|--|-------|-----------|-----------------|----------|----------------|
| Winchendon | 608548 | 2 Modernization | Highway Roadway Reconstruction | WINCHENDON- IMPROVEMENTS & RELATED WORK ON CENTRAL STREET (ROUTE 202), FROM FRONT STREET TO MAPLE STREET (0.5 MILES) | 36 | \$5.06 | \$0.00 | \$0.92 | \$4.14 |
| Winchester | 608791 | 2 Modernization | Highway Roadway Reconstruction | WINCHESTER- IMPROVEMENTS AT VINSON-OWEN ELEMENTARY SCHOOL (SRTS) | 0 | \$1.61 | \$0.06 | \$1.52 | \$0.03 |
| Windsor | 609105 | 1 Reliability | Highway Non-Interstate Pavement | WINDSOR- PAVEMENT PRESERVATION AND RELATED WORK ON ROUTE 9 | 0 | \$9.03 | \$0.00 | \$3.53 | \$5.50 |
| Woburn | 604935 | 2 Modernization | Highway Roadway Reconstruction | WOBURN- RECONSTRUCTION OF MONTVALE AVENUE, FROM I-93 INTERCHANGE TO CENTRAL STREET (APPROX. 1,850 FT) | 0 | \$3.69 | \$1.62 | \$2.07 | \$0.00 |
| | 604996 | 3 Expansion | Highway Capacity | WOBURN- BRIDGE REPLACEMENT, W-43-017, NEW BOSTON STREET OVER MBTA | 54 | \$25.33 | \$0.00 | \$3.33 | \$22.00 |
| Worcester | 601368 | 2 Modernization | Highway Roadway Reconstruction | WORCESTER- RESURFACING & RELATED WORK ON ROUTE 122 (GRAFTON STREET), FROM WASHINGTON SQUARE TO RICE SQUARE (1.4 MILES) | 66 | \$8.06 | \$4.31 | \$3.75 | \$0.00 |
| | 603251 | 2 Modernization | Highway Intersection Improvements | WORCESTER- SIGNAL AND INTERSECTION IMPROVEMENTS AT HOLDEN STREET, DRUMMOND AVENUE & SHORE DRIVE | 44 | \$2.26 | \$1.96 | \$0.30 | \$0.00 |
| | 604893 | 2 Modernization | Highway Roadway Reconstruction | WORCESTER- STREETScape IMPROVEMENTS AT MAIN STREET & MAYWOOD STREET | 57 | \$2.24 | \$1.92 | \$0.33 | \$0.00 |
| | 605820 | 3 Expansion | Highway Bicycle and Pedestrian | WORCESTER- BLACKSTONE RIVER BIKEWAY (SEGMENT 7), INCLUDING BRIDGE REHAB, W-44-041, MCGRATH BOULEVARD OVER MADISON STREET | 67 | \$7.10 | \$4.29 | \$2.82 | \$0.00 |
| | 606308 | 1 Reliability | Highway Facilities | WORCESTER- CONSTRUCTION AND RELOCATION OF DISTRICT 3 ADMINISTRATION BUILDING ON PLANTATION PARKWAY | 0 | \$40.02 | \$39.02 | \$1.00 | \$0.00 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|-------------|-------------|-------------------|-----------------------------------|---|-------|-----------|-----------------|----------|----------------|
| | 606317 | 1 Reliability | Highway Bridge | WORCESTER- SUPERSTRUCTURE REPLACEMENT, W-44-030, PLANTATION STREET OVER CSX RAILROAD | 0 | \$5.77 | \$5.72 | \$0.05 | \$0.00 |
| | 606434 | 2 Modernization | Highway Roadway Reconstruction | WORCESTER- MAIN STREET BUSINESS DISTRICT STREETScape IMPROVEMENTS | 0 | \$12.22 | \$11.17 | \$1.05 | \$0.00 |
| | 608057 | 1 Reliability | Highway Roadway Improvements | WORCESTER- STORMWATER IMPROVEMENTS ALONG I-290 AND 122A | 0 | \$1.14 | \$0.24 | \$0.90 | \$0.00 |
| | 609400 | 1 Reliability | Highway Interstate Pavement | WORCESTER- RESURFACING AND RELATED WORK ON I-290 | 0 | \$8.57 | \$0.70 | \$7.87 | \$0.00 |
| | 609476 | 1 Reliability | Highway Bridge | WORCESTER- CLEANING & PAINTING & VARIOUS REPAIRS OF W-44-082, I-290 (MAINLINE) AND RAMPS OVER THE MBTA/CSX & CITY STREETS | 0 | \$12.36 | \$5.72 | \$6.61 | \$0.02 |
| | 609504 | 1 Reliability | Highway Bridge | WORCESTER- WEARING SURFACE PRESERVATION & RELATED REPAIRS TO W-44-098, I-190 (NB & SB) OVER THE P&W RAILROAD | 0 | \$5.28 | \$0.22 | \$3.60 | \$1.46 |
| | 610703 | 1 Reliability | Highway Bridge | WORCESTER- CLEAN AND PAINT (OVERCOAT) PEDESTRIAN BRIDGE, W-44-154 (AKX), OVER ROUTE 146 AND MILLBURY STREET | 0 | \$1.83 | \$0.20 | \$1.63 | \$0.00 |
| Worthington | 606912 | 2 Modernization | Highway Roadway Reconstruction | WORTHINGTON- RECONSTRUCTION & RELATED WORK ON ROUTE 143 (PHASE I) COLD STREET TO CHESTERFIELD TOWN LINE | 36.5 | \$8.03 | \$5.58 | \$2.45 | \$0.00 |
| Yarmouth | 608545 | 1 Reliability | Highway Non-Interstate Pavement | YARMOUTH- RESURFACING AND RELATED WORK ON ROUTE 6 (MID-CAPE HIGHWAY) | 0 | \$8.16 | \$4.30 | \$3.82 | \$0.04 |

Information Technology

2022 Capital Investment Plan

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|-----------|-------------|-------------------|---------------------------------|--|-------|-----------|-----------------|----------|----------------|
| Statewide | IT1802 | 2 Modernization | IT Workforce productivity | NEXT GEN PROJECT/CONTRACT/PROGRAM MANAGEMENT SYSTEMS | 90 | \$10.00 | \$0.00 | \$2.50 | \$7.50 |
| | IT1821 | 1 Reliability | IT Digital infrastructure | INFRASTRUCTURE UPGRADES AND TELEWORK INVESTMENT | 95 | \$13.18 | \$3.18 | \$2.00 | \$8.00 |
| | IT1827 | 2 Modernization | IT Workforce productivity | NEXT GEN CONTENT/WORKFLOW MANAGEMENT SOLUTIONS | 90 | \$9.50 | \$0.00 | \$1.50 | \$8.00 |
| | IT2001 | 1 Reliability | IT Cyber/information security | CYBERSECURITY INITIATIVES | 95 | \$16.50 | \$0.75 | \$2.50 | \$13.25 |
| | IT2002 | 1 Reliability | IT Cyber/information security | DISASTER RECOVERY/PLATFOM RE-ENGINEERING | 95 | \$19.50 | \$0.00 | \$6.00 | \$13.50 |
| | IT2003 | 1 Reliability | IT Cyber/information security | APPLICATION SECURITY | 95 | \$11.75 | \$0.00 | \$1.50 | \$10.25 |
| | IT2006 | 2 Modernization | IT Workforce productivity | AERONAUTICS BUSINESS PROCESS REENGINEERING | 85 | \$0.50 | \$0.00 | \$0.50 | \$0.00 |
| | IT2202 | 2 Modernization | IT Workforce productivity | ENTERPRISE IMPROVEMENT AND INNOVATION | 88 | \$12.50 | \$0.00 | \$1.75 | \$10.75 |
| | IT2203 | 2 Modernization | IT Workforce productivity | RMV SYSTEMS UPGRADES/ENHANCEMENTS/IMPROVEMENTS | 93 | \$10.00 | \$0.00 | \$2.00 | \$8.00 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|----------|-------------|-------------------|-----------------------------|---------------------------------|-------|-----------|-----------------|----------|----------------|
| | IT2204 | 2 Modernization | IT Workforce productivity | FINANCIAL SYSTEMS MODERNIZATION | 90 | \$2.75 | \$0.25 | \$0.75 | \$1.75 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|-----------|-------------|-------------------|------------------------------|---|-------|-----------|-----------------|----------|----------------|
| Bus Bus | P0373 | 1 Reliability | MBTA Revenue vehicles | LONO BUS PROCUREMENT PROJECT | 0 | \$12.90 | \$11.97 | \$0.92 | \$0.00 |
| | P0374 | 1 Reliability | MBTA Revenue vehicles | NEW FLYER 325 BUS PROCUREMENT | 0 | \$232.28 | \$230.76 | \$1.52 | \$0.00 |
| | P0376 | 1 Reliability | MBTA Revenue vehicles | OVERHAUL OF 155 OPTION NEW FLYER BUSES | 0 | \$44.68 | \$44.63 | \$0.05 | \$0.00 |
| | P0494 | 1 Reliability | MBTA Facilities | RAIL AND BUS LIFT UPGRADE PROGRAM | 0 | \$10.00 | \$7.93 | \$1.36 | \$0.71 |
| | P0568 | 2 Modernization | MBTA Bus Transformation | BUS SERVICE REPLACEMENT PLAN | 0 | \$4.05 | \$2.60 | \$0.81 | \$0.64 |
| | P0613 | 2 Modernization | MBTA Bus Transformation | BUS PRIORITY AND ACCESSIBILITY IMPROVEMENTS | 0 | \$48.27 | \$23.99 | \$12.00 | \$12.28 |
| | P0618 | 1 Reliability | MBTA Revenue vehicles | DELIVERY OF UP TO 460 40FT BUSES | 0 | \$168.07 | \$0.42 | \$3.96 | \$163.69 |
| | P0620 | 1 Reliability | MBTA Revenue vehicles | VIRGINIA DOT 60 BUS PROCUREMENT | 0 | \$54.17 | \$40.80 | \$8.58 | \$4.79 |
| | P0634 | 1 Reliability | MBTA System upgrades/other | MBTA ENTERPRISE FUEL MANAGEMENT SYSTEM | 0 | \$7.47 | \$3.43 | \$2.28 | \$1.76 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|----------------|-------------|-------------------|---------------------------|--|-------|-----------|-----------------|----------|----------------|
| Greater Boston | P0638 | 1 Reliability | MBTA Revenue vehicles | MIDLIFE OVERHAUL OF 25 NEW FLYER ALLISON HYBRID 60FT ARTICULATED BUSES | 0 | \$22.02 | \$10.34 | \$8.92 | \$2.76 |
| | P0649 | 1 Reliability | MBTA Revenue vehicles | OPTION ORDER PROCUREMENT OF 194 NEW FLYER HYBRID 40 FT BUSES | 0 | \$164.58 | \$144.66 | \$10.63 | \$9.29 |
| | P0653 | 1 Reliability | MBTA Revenue vehicles | PROCUREMENT OF BATTERY ELECTRIC 40FT BUSES AND RELATED INFRASTRUCTURE | 0 | \$101.18 | \$0.18 | \$0.20 | \$100.80 |
| | P0671 | 1 Reliability | MBTA Facilities | BUS MAINTENANCE FACILITY | 0 | \$96.42 | \$11.88 | \$11.05 | \$73.49 |
| | P0671a | 2 Modernization | MBTA Bus Transformation | BUS FACILITY MODERNIZATION - QUINCY BUS FACILITY | 0 | \$371.88 | \$47.61 | \$33.65 | \$290.61 |
| | P0673i | 1 Reliability | MBTA Revenue vehicles | NEW FLYER BATTERY REPLACEMENT | 0 | \$0.53 | \$0.27 | \$0.27 | \$0.00 |
| | P0673j | 1 Reliability | MBTA Revenue vehicles | ETB & DMA PROPULSION BOARD REPLACEMENT | 0 | \$0.51 | \$0.44 | \$0.07 | \$0.00 |
| | P0673k | 1 Reliability | MBTA Revenue vehicles | POWER-EX AIR COMPRESSOR REPLACEMENT | 0 | \$0.97 | \$0.41 | \$0.56 | \$0.00 |
| | P0689c | 2 Modernization | MBTA Bus Transformation | BUS STOP CUSTOMER SATISFACTION | 0 | \$1.33 | \$0.84 | \$0.27 | \$0.22 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|----------|-------------|-------------------|--------------------------------|--|-------|-----------|-----------------|----------|----------------|
| MBTA | P0694 | 2 Modernization | MBTA Bus Transformation | BUS LOCATION INSTANT TRACKING SOLUTION (BLITS) | 0 | \$1.13 | \$1.00 | \$0.13 | \$0.00 |
| | P0860 | 1 Reliability | MBTA Revenue vehicles | 60 NEW FLYER BUS OVERHAUL | 0 | \$28.67 | \$0.44 | \$17.66 | \$10.57 |
| | P0902 | 1 Reliability | MBTA Revenue vehicles | BAE A123 ENERGY STORAGE SYSTEM REPLACEMENT PROGRAM | 0 | \$13.51 | \$0.00 | \$2.25 | \$11.26 |
| | P0906 | 1 Reliability | MBTA Track, signal and power | NORTH CAMBRIDGE YARD CATENARY REPLACEMENT | 0 | \$1.44 | \$0.00 | \$0.72 | \$0.72 |
| | P0911 | 1 Reliability | MBTA Revenue vehicles | 156 HYBRID, 175 CNG, 45 60FT HYBRID BUS OVERHAUL PROGRAM | 0 | \$26.00 | \$0.00 | \$1.00 | \$25.00 |
| | P0915 | 1 Reliability | MBTA Stations | DESIGN FOR NUBIAN/DUDLEY SQUARE STATION ACCESSIBILITY AND OPERATIONAL IMPROVEMENTS | 0 | \$1.00 | \$0.00 | \$0.75 | \$0.25 |
| | P0916 | 2 Modernization | MBTA Bus Transformation | BUS NETWORK REDESIGN IMPLEMENTATION | 0 | \$4.70 | \$0.00 | \$2.90 | \$1.80 |
| | P0942 | 1 Reliability | MBTA Facilities | BUS FACILITY INTERIM IMPROVEMENTS | 0 | \$81.50 | \$19.27 | \$18.73 | \$43.50 |
| | P1003 | 1 Reliability | MBTA Facilities | FACILITY CIRCULATION SAFETY IMPROVEMENTS | 0 | \$15.50 | \$0.00 | \$3.50 | \$12.00 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|-------------------|-------------|-------------------|-------------------------------------|---|-------|-----------|-----------------|----------|----------------|
| | P1005 | 2 Modernization | MBTA Bus Transformation | BUS LANES AND OTHER BUS PRIORITY | 0 | \$22.04 | \$0.00 | \$2.04 | \$20.00 |
| | P1005a | 2 Modernization | MBTA Bus Transformation | COLUMBUS AVE BUS LANE PHASE 2 | 0 | \$2.96 | \$0.00 | \$2.96 | \$0.00 |
| | P1006 | 2 Modernization | MBTA Bus Transformation | MALDEN/EVERETT MAIN STREET TRANSIT SIGNAL PRIORITY | 0 | \$0.05 | \$0.00 | \$0.05 | \$0.00 |
| | P1013 | 2 Modernization | MBTA Risk management & mitigation | BUS VIDEO SECURITY SYSTEM MANDATORY PLATFORM UPGRADE | 0 | \$3.31 | \$0.00 | \$3.31 | \$0.00 |
| Bus Silver Line | P0109 | 3 Expansion | MBTA Expansion projects | MASSDOT CHELSEA-SILVER LINE/BRT WASHINGTON AVE BUSWAY | 0 | \$0.68 | \$0.30 | \$0.37 | \$0.00 |
| | P0404 | 1 Reliability | MBTA Stations | COURT HOUSE STATION LEAKS | 0 | \$32.11 | \$7.25 | \$7.40 | \$17.46 |
| | P0496 | 3 Expansion | MBTA Expansion projects | SILVER LINE GATEWAY - PHASE 2 | 0 | \$40.64 | \$27.78 | \$7.04 | \$5.82 |
| | P0619 | 1 Reliability | MBTA Revenue vehicles | DMA REPLACEMENT | 0 | \$89.20 | \$2.60 | \$44.04 | \$42.56 |
| | P0858 | 1 Reliability | MBTA Stations | COURTHOUSE NE HEADHOUSE | 0 | \$14.34 | \$1.03 | \$8.00 | \$5.31 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|------------------------------|-------------|-----------------|--------------------------------|---|-------|-----------|-----------------|----------|----------------|
| | P0868 | 3 Expansion | MBTA Expansion projects | SILVER LINE THROUGH EVERETT | 0 | \$0.95 | \$0.44 | \$0.50 | \$0.00 |
| Commuter Rail Multiple/All | P0006 | 1 Reliability | MBTA Bridge & tunnel | GLOUCESTER DRAWBRIDGE REPLACEMENT | 0 | \$100.39 | \$48.53 | \$28.40 | \$23.46 |
| | P0014 | 1 Reliability | MBTA Bridge & tunnel | MERRIMACK RIVER BRIDGE | 0 | \$87.80 | \$77.49 | \$5.00 | \$5.31 |
| | P0018 | 1 Reliability | MBTA Bridge & tunnel | NORTH STATION DRAW 1 BRIDGE REPLACEMENT | 0 | \$218.84 | \$10.84 | \$11.75 | \$196.25 |
| | P0024 | 1 Reliability | MBTA Bridge & tunnel | SHAWSHEEN WILMINGTON BRIDGE REHABILITATION | 0 | \$3.61 | \$3.41 | \$0.20 | \$0.00 |
| | P0027 | 1 Reliability | MBTA Bridge & tunnel | BEVERLY DRAWBRIDGE REHAB | 0 | \$35.21 | \$33.71 | \$1.50 | \$0.00 |
| | P0033 | 1 Reliability | MBTA Bridge & tunnel | EAST STREET BRIDGE REPLACEMENT | 0 | \$14.13 | \$13.93 | \$0.20 | \$0.00 |
| | P0081 | 1 Reliability | MBTA Bridge & tunnel | FITCHBURG LINE SMALL STARTS - BRIDGES | 0 | \$6.78 | \$6.72 | \$0.06 | \$0.00 |
| | P0083 | 1 Reliability | MBTA Track, signal and power | FITCHBURG LINE SMALL STARTS - TRACK / SIGNAL / STATIONS | 0 | \$149.23 | \$140.41 | \$1.00 | \$7.81 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|----------------|-------------|-------------------|--|--|-------|-----------|-----------------|----------|----------------|
| Greater Boston | P0090 | 1 Reliability | MBTA Stations | LYNN PARKING GARAGE PHASE 1 | 0 | \$6.29 | \$5.97 | \$0.32 | \$0.00 |
| | P0092 | 1 Reliability | MBTA Stations | SALEM STATION GARAGE | 0 | \$38.44 | \$38.39 | \$0.05 | \$0.00 |
| | P0108 | 1 Reliability | MBTA Stations | BACK BAY STATION VENTILATION | 0 | \$43.11 | \$9.49 | \$5.00 | \$28.62 |
| | P0148 | 2 Modernization | MBTA Commuter rail safety and resiliency | COMMUTER RAIL POSITIVE TRAIN CONTROL | 0 | \$456.33 | \$388.28 | \$15.92 | \$52.12 |
| | P0160a | 3 Expansion | MBTA South Coast Rail | SOUTH COAST RAIL - PROCUREMENT 16 CR COACHES | 0 | \$69.04 | \$14.24 | \$30.17 | \$24.64 |
| | P0170 | 2 Modernization | MBTA Commuter Rail Transformation | NEWTON COMMUTER RAIL STATIONS DESIGN | 0 | \$5.56 | \$3.11 | \$2.45 | \$0.00 |
| | P0171 | 3 Expansion | MBTA Expansion projects | FAIRMOUNT LINE IMPROVEMENTS (BLUE HILL AVE. STATION) | 0 | \$26.55 | \$20.86 | \$3.85 | \$1.84 |
| | P0173 | 2 Modernization | MBTA Accessibility | MANSFIELD STATION ACCESSIBILITY | 0 | \$11.29 | \$9.94 | \$1.35 | \$0.00 |
| | P0174 | 2 Modernization | MBTA Accessibility | NATICK CENTER STATION ACCESSIBILITY PROJECT | 0 | \$43.60 | \$10.90 | \$20.80 | \$11.90 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|-----------------|-------------|-----------------|--------------------------------|--|-------|-----------|-----------------|----------|----------------|
| South Attleboro | P0178 | 1 Reliability | MBTA Stations | SOUTH ATTLEBORO STATION IMPROVEMENTS | 0 | \$6.74 | \$3.42 | \$3.20 | \$0.12 |
| | P0179 | 1 Reliability | MBTA Stations | WINCHESTER CENTER STATION | 0 | \$53.79 | \$4.13 | \$8.00 | \$41.67 |
| | P0197 | 1 Reliability | MBTA Revenue vehicles | LOCOMOTIVE / COACH IMPROVEMENTS | 0 | \$10.06 | \$9.53 | \$0.54 | \$0.00 |
| | P0209 | 1 Reliability | MBTA Facilities | CPF-CAMP PROPERTY TAKING FOR ACCESS ROAD | 0 | \$0.96 | \$0.27 | \$0.69 | \$0.00 |
| | P0211 | 1 Reliability | MBTA Track, signal and power | ON-CALL COMMUTER RAIL TRACK 2 | 0 | \$18.23 | \$5.74 | \$6.25 | \$6.24 |
| | P0212 | 1 Reliability | MBTA Track, signal and power | NORTH STATION TERMINAL SIGNAL | 0 | \$45.24 | \$9.12 | \$10.29 | \$25.84 |
| | P0213 | 1 Reliability | MBTA Revenue vehicles | MINI-REHAB TO RESTORE LOCOS AND COACHES | 0 | \$10.25 | \$9.43 | \$0.82 | \$0.00 |
| | P0214 | 1 Reliability | MBTA Track, signal and power | FRANKLIN DOUBLE TRACK & SIGNAL | 0 | \$40.00 | \$37.50 | \$2.50 | \$0.00 |
| | P0224 | 1 Reliability | MBTA Track, signal and power | COMMUTER RAIL - REPLACE CP3 CROSSOVER | 0 | \$3.00 | \$0.74 | \$1.00 | \$1.26 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|----------------|-------------|-------------------|--|---|-------|-----------|-----------------|----------|----------------|
| Greater Boston | P0235 | 2 Modernization | MBTA Commuter rail safety and resiliency | COMMUTER RAIL - SYSTEMWIDE TREE REMOVAL | 0 | \$33.50 | \$29.50 | \$1.00 | \$3.00 |
| | P0239 | 1 Reliability | MBTA Revenue vehicles | LOCOMOTIVE OVERHAUL | 0 | \$111.52 | \$67.26 | \$20.25 | \$24.01 |
| | P0256 | 1 Reliability | MBTA System upgrades/other | COMMUTER RAIL MINI-HIGH PLATFORM REPAIRS | 0 | \$2.50 | \$1.50 | \$1.00 | \$0.00 |
| | P0258 | 1 Reliability | MBTA Facilities | NEPONSET MIDDAY LAYOVER ELECTRIC PLUG-INS | 0 | \$3.92 | \$0.46 | \$1.00 | \$2.47 |
| | P0261 | 2 Modernization | MBTA Commuter Rail Transformation | WORCESTER LINE TRACK IMPROVEMENTS INCL. 3RD TRACK FEASIBILITY STUDY | 0 | \$43.53 | \$9.93 | \$6.94 | \$26.65 |
| | P0263 | 2 Modernization | MBTA Commuter rail safety and resiliency | COMMUTER RAIL MISC. EQUIPMENT (WINTER RESILIENCY) | 0 | \$33.73 | \$33.49 | \$0.24 | \$0.00 |
| | P0290 | 1 Reliability | MBTA Track, signal and power | ENERGY EFFICIENCY | 0 | \$25.00 | \$16.51 | \$2.63 | \$5.85 |
| | P0371 | 1 Reliability | MBTA Revenue vehicles | KAWASAKI COACHES - OVERHAUL OPTION | 0 | \$37.64 | \$34.53 | \$3.11 | \$0.00 |
| | P0372 | 1 Reliability | MBTA Revenue vehicles | KAWASAKI COACHES OVERHAUL | 0 | \$130.25 | \$126.80 | \$3.45 | \$0.00 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|----------------|-------------|-------------------|--------------------------------|---|-------|-----------|-----------------|----------|----------------|
| Greater Boston | P0380 | 1 Reliability | MBTA Revenue vehicles | PROCURE COMMUTER RAIL LOCOMOTIVES (BASE) | 0 | \$225.13 | \$221.33 | \$3.80 | \$0.00 |
| | P0394 | 1 Reliability | MBTA Revenue vehicles | LOCOMOTIVE AND COACH INSPECTIONS AND MAINTENANCE - MASS COASTAL | 0 | \$0.41 | \$0.40 | \$0.00 | \$0.00 |
| | P0395 | 1 Reliability | MBTA Stations | WORCESTER UNION STATION ACCESSIBILITY AND INFRASTRUCTURE IMPROVEMENTS | 0 | \$66.27 | \$4.42 | \$9.00 | \$52.85 |
| | P0407 | 1 Reliability | MBTA Facilities | WHEEL TRUING MACHINE REPLACEMENT PROJECT | 0 | \$3.81 | \$2.42 | \$1.39 | \$0.00 |
| | P0421 | 1 Reliability | MBTA Track, signal and power | NNEPRA- HAVERHILL LINE IMPROVEMENTS | 0 | \$11.40 | \$11.22 | \$0.18 | \$0.00 |
| | P0452 | 1 Reliability | MBTA Track, signal and power | WALPOLE STATION INTERLOCKING/CROSSING (DESIGN) | 0 | \$0.41 | \$0.37 | \$0.03 | \$0.00 |
| | P0465 | 1 Reliability | MBTA Track, signal and power | COMMUTER RAIL CULVERTS, BRIDGES & ROW IMPR. (ON-CALL) | 0 | \$14.29 | \$5.39 | \$4.00 | \$4.89 |
| | P0472 | 1 Reliability | MBTA Facilities | IRON HORSE OPERATIONS CONTROL CENTER | 0 | \$44.45 | \$28.32 | \$8.28 | \$7.85 |
| | P0491 | 2 Modernization | MBTA Accessibility | ACCESSIBILITY IMPROVEMENTS | 0 | \$12.55 | \$1.37 | \$6.41 | \$4.77 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|----------------|-------------|-------------------|--|---|-------|-----------|-----------------|----------|----------------|
| Greater Boston | P0515 | 1 Reliability | MBTA Facilities | PAWTUCKET LAYOVER IMPROVEMENTS | 0 | \$13.72 | \$8.05 | \$1.18 | \$4.50 |
| | P0528 | 1 Reliability | MBTA Revenue vehicles | COMM. RAIL LEGACY FLEET INVESTMENT | 0 | \$8.25 | \$8.23 | \$0.02 | \$0.00 |
| | P0529 | 1 Reliability | MBTA Revenue vehicles | COMM. RAIL WHEEL DEFECT DETECTION SERVICES | 0 | \$2.34 | \$1.45 | \$0.89 | \$0.00 |
| | P0553 | 1 Reliability | MBTA Track, signal and power | KEOLIS CAPITALIZATION INITIATIVES AND EXTRA WORK | 0 | \$137.42 | \$55.97 | \$13.45 | \$68.00 |
| | P0595 | 1 Reliability | MBTA Revenue vehicles | LOCOMOTIVE MAIN ENGINE PROCUREMENT (RIDOT) | 0 | \$4.00 | \$2.55 | \$1.45 | \$0.00 |
| | P0606 | 2 Modernization | MBTA Commuter rail safety and resiliency | ATC IMPLEMENTATION ON THE MBTA NORTH SIDE COMMUTER RAIL LINES | 0 | \$368.75 | \$125.09 | \$153.96 | \$89.70 |
| | P0609 | 1 Reliability | MBTA Facilities | BILLERICA MOW REPAIR FACILITY | 0 | \$5.00 | \$1.26 | \$3.74 | \$0.00 |
| | P0612 | 2 Modernization | MBTA Commuter rail safety and resiliency | BURY 100 MILES OF FIBER ANNUALLY - STRATEGIC LOCATIONS | 0 | \$102.08 | \$4.40 | \$34.71 | \$62.97 |
| | P0621 | 1 Reliability | MBTA Facilities | FLOATING BARGE / GANGWAY SYSTEMS OVERHAULS RECONDITIONING | 0 | \$0.75 | \$0.32 | \$0.43 | \$0.00 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|----------|-------------|-----------------|--------------------------------|---|-------|-----------|-----------------|----------|----------------|
| MBTA | P0622 | 1 Reliability | MBTA Facilities | FLUID DISPENSING SYSTEM UPGRADES | 0 | \$3.97 | \$1.30 | \$2.67 | \$0.00 |
| | P0644 | 1 Reliability | MBTA Revenue vehicles | NRE GENSET SWITCHER LOCOMOTIVE OVERHAUL | 0 | \$1.43 | \$1.24 | \$0.20 | \$0.00 |
| | P0647 | 1 Reliability | MBTA Revenue vehicles | OIL ANALYTICS INITIATIVE | 0 | \$1.95 | \$1.25 | \$0.70 | \$0.00 |
| | P0650 | 1 Reliability | MBTA Revenue vehicles | OVERHAUL OF 33 KAWASAKI 900 SERIES BI-LEVEL COACHES | 0 | \$66.89 | \$0.00 | \$6.00 | \$60.89 |
| | P0655 | 1 Reliability | MBTA Revenue vehicles | REMOTE MONITORING OF ROLLING STOCK SUBSYSTEMS | 0 | \$6.15 | \$2.53 | \$1.00 | \$2.62 |
| | P0657 | 1 Reliability | MBTA Facilities | ROCHESTER IMPROVEMENTS | 0 | \$6.00 | \$1.30 | \$1.26 | \$3.44 |
| | P0658 | 1 Reliability | MBTA Revenue vehicles | ROLLING STOCK DAMAGE EMERGENCY REPAIRS | 0 | \$1.50 | \$1.44 | \$0.06 | \$0.00 |
| | P0691 | 1 Reliability | MBTA Track, signal and power | ATTLEBORO AGREEMENT - NEC CAPITAL COMMITMENTS | 0 | \$15.40 | \$0.00 | \$1.30 | \$14.10 |
| | P0693 | 1 Reliability | MBTA System upgrades/other | AUTOMATED PASSENGER COUNTERS | 0 | \$14.97 | \$12.13 | \$2.84 | \$0.00 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|----------------|-------------|-------------------|--|--|-------|-----------|-----------------|----------|----------------|
| Greater Boston | P0769 | 1 Reliability | MBTA Track, signal and power | PRIIA-212 AMTRAK BASELINE CAPITAL CHARGES | 0 | \$12.24 | \$11.69 | \$0.55 | \$0.00 |
| | P0799 | 1 Reliability | MBTA Revenue vehicles | COMMUTER RAIL LOCOMOTIVE RELIABILITY | 0 | \$15.26 | \$8.34 | \$1.81 | \$5.11 |
| | P0827 | 2 Modernization | MBTA Commuter rail safety and resiliency | SIXTY FIVE ADDITIONAL GAS SWITCH HEATERS | 0 | \$4.97 | \$2.55 | \$1.05 | \$1.38 |
| | P0829 | 2 Modernization | MBTA Technology and innovation | ONBOARD PASSENGER TRAIN INFORMATION SYSTEMS (PTIS) MODERNIZATION | 0 | \$2.60 | \$2.01 | \$0.59 | \$0.00 |
| | P0838 | 1 Reliability | MBTA Facilities | SOUTH STATION OFFICE SPACE RESTORATION | 0 | \$0.15 | \$0.02 | \$0.13 | \$0.00 |
| | P0839 | 2 Modernization | MBTA Commuter rail safety and resiliency | WAYSIDE BEARING ACOUSTIC MONITORING/DEFECT DETECTION | 0 | \$4.01 | \$3.13 | \$0.88 | \$0.00 |
| | P0848 | 1 Reliability | MBTA System upgrades/other | SYSTEMWIDE RADIO AND SECURITY CAMERAS EQUIPMENT REPLACEMENT | 0 | \$3.21 | \$2.54 | \$0.67 | \$0.00 |
| | P0851 | 1 Reliability | MBTA Bridge & tunnel | NORFOLK AVE & EAST COTTAGE ST BRIDGES | 0 | \$27.72 | \$8.91 | \$10.60 | \$8.21 |
| | P0853 | 1 Reliability | MBTA Bridge & tunnel | ROBERT STREET BRIDGE | 0 | \$12.82 | \$5.46 | \$6.57 | \$0.79 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|-------------|-------------|-----------------|--------------------------------|---|-------|-----------|-----------------|----------|----------------|
| South Shore | P0861 | 1 Reliability | MBTA Track, signal and power | CR SIGNAL SGR AND RESILIENCY PROGRAM | 0 | \$10.28 | \$1.05 | \$1.10 | \$8.13 |
| | P0862 | 1 Reliability | MBTA Track, signal and power | CR TRACK SGR AND RESILIENCY PROGRAM | 0 | \$20.67 | \$3.38 | \$7.00 | \$10.29 |
| | P0863 | 1 Reliability | MBTA Facilities | SOUTH-SIDE CR MAINTENANCE FACILITY | 0 | \$15.40 | \$1.15 | \$4.94 | \$9.31 |
| | P0865 | 1 Reliability | MBTA Facilities | HAVERHILL LAYOVER FACILITY RELOCATION | 0 | \$5.00 | \$0.13 | \$4.87 | \$0.00 |
| | P0869 | 1 Reliability | MBTA Track, signal and power | CSX ROW PROPERTY ACQUISITION | 0 | \$13.00 | \$0.00 | \$13.00 | \$0.00 |
| | P0880 | 1 Reliability | MBTA Track, signal and power | HAVERHILL INTERLOCKING IMPROVEMENTS CY19-20 | 0 | \$6.00 | \$4.13 | \$1.87 | \$0.00 |
| | P0882 | 1 Reliability | MBTA Revenue vehicles | CR COACH REFURBISH – 2020 ACCEL | 0 | \$13.05 | \$6.71 | \$6.34 | \$0.00 |
| | P0889 | 1 Reliability | MBTA Track, signal and power | TOWER 1 INTERLOCKING EARLY ACTION PROJECT | 0 | \$82.37 | \$2.52 | \$7.97 | \$71.88 |
| | P0892 | 1 Reliability | MBTA Bridge & tunnel | SAUGUS DRAWBRIDGE REPLACEMENT | 0 | \$9.72 | \$6.40 | \$1.25 | \$2.07 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|----------------|-------------|-------------------|--|---|-------|-----------|-----------------|----------|----------------|
| Greater Boston | P0893 | 1 Reliability | MBTA Revenue vehicles | PROCURE 64 BI-LEVEL CR COACHES | 0 | \$276.15 | \$62.07 | \$75.52 | \$138.57 |
| | P0907 | 1 Reliability | MBTA Bridge & tunnel | EAST STREET BRIDGE REPLACEMENT (DEDHAM) | 0 | \$18.00 | \$1.20 | \$2.00 | \$14.80 |
| | P0909 | 1 Reliability | MBTA Bridge & tunnel | REPAIRS AND REHABILITATION OF MBTA-OWNED DAMS | 0 | \$10.00 | \$0.00 | \$0.70 | \$9.30 |
| | P0913 | 2 Modernization | MBTA Commuter rail safety and resiliency | PTC STARTUP AFTER IMPLEMENTATION | 0 | \$3.45 | \$0.00 | \$1.45 | \$2.00 |
| | P0918 | 2 Modernization | MBTA Commuter Rail Transformation | PROCUREMENT OF PASSENGER LOCOMOTIVES - FUTURE FLEET | 0 | \$30.00 | \$0.00 | \$1.00 | \$29.00 |
| | P0927 | 1 Reliability | MBTA Revenue vehicles | ROLLING STOCK - LOCOMOTIVE AND COACH SGR AND RESILIENCY PROGRAM | 0 | \$10.00 | \$0.00 | \$2.00 | \$8.00 |
| | P0934 | 2 Modernization | MBTA Commuter Rail Transformation | RAIL TRANSFORMATION PLANNING STUDIES | 0 | \$10.01 | \$4.97 | \$3.56 | \$1.48 |
| | P0940 | 2 Modernization | MBTA Commuter Rail Transformation | COMMUTER RAIL VISION - EARLY ACTION ITEMS | 0 | \$10.00 | \$0.00 | \$2.00 | \$8.00 |
| | P0951 | 1 Reliability | MBTA Stations | RT. 128/UNIVERSITY AVE PARK GARAGE | 0 | \$15.00 | \$0.79 | \$8.46 | \$5.75 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|----------------------------------|-------------|-----------------|--------------------------------|---|-------|-----------|-----------------|----------|----------------|
| | P0952 | 1 Reliability | MBTA Facilities | FUTURE REGIONAL LAYOVER PLANNING | 0 | \$30.00 | \$0.00 | \$30.00 | \$0.00 |
| | P0955 | 1 Reliability | MBTA Facilities | CRMF WASTEWATER TREATMENT PLANT COMPLIANCE PROGRAM | 0 | \$4.73 | \$3.30 | \$1.43 | \$0.00 |
| | P1004 | 1 Reliability | MBTA Track, signal and power | KEOLIS GENERAL & ADMINISTRATIVE CONTRACT | 0 | \$30.00 | \$0.00 | \$6.00 | \$24.00 |
| | R0071 | 1 Reliability | MBTA Stations | LYNN STATION & PARKING GARAGE IMPROVEMENTS PHASE II | 0 | \$16.54 | \$2.01 | \$2.03 | \$12.51 |
| Commuter Rail South Coast Rail | P0160 | 3 Expansion | MBTA South Coast Rail | SOUTH COAST RAIL EXPANSION | 0 | \$917.37 | \$162.42 | \$263.37 | \$491.58 |
| Ferries | P0077 | 1 Reliability | MBTA Facilities | FERRY SYSTEM IMPROVEMENTS | 0 | \$0.63 | \$0.36 | \$0.27 | \$0.00 |
| | P0078 | 1 Reliability | MBTA Stations | HINGHAM FERRY DOCK MODIFICATION | 0 | \$17.10 | \$1.93 | \$3.35 | \$11.82 |
| | P0360 | 1 Reliability | MBTA Revenue vehicles | FERRY ENGINE OVERHAUL & UPGRADES | 0 | \$3.23 | \$2.50 | \$0.73 | \$0.00 |
| | P0633 | 1 Reliability | MBTA Revenue vehicles | MBTA CATAMARAN OVERHAULS | 0 | \$9.73 | \$0.27 | \$2.89 | \$6.56 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|---------------------------|-------------|-------------------|---|--|-------|-----------|-----------------|----------|----------------|
| Heavy Rail Blue Line | P0928 | 1 Reliability | MBTA Revenue vehicles | FERRY ENHANCEMENTS (VESSEL, DOCKS & INFRASTRUCTURE) | 0 | \$0.30 | \$0.00 | \$0.30 | \$0.00 |
| | P0093 | 1 Reliability | MBTA Stations | WONDERLAND PARKING FACILITY | 0 | \$11.30 | \$10.82 | \$0.48 | \$0.00 |
| | P0558 | 1 Reliability | MBTA Track, signal and power | BLUE LINE MECHANICAL TRIP STOPS - BASELINE ANALYSIS | 0 | \$2.00 | \$0.45 | \$0.64 | \$0.91 |
| | P0610 | 1 Reliability | MBTA Track, signal and power | BLUE LINE IMMOBILE INFRASTRUCTURE DUE DILIGENCE ANALYSIS | 0 | \$1.40 | \$0.00 | \$0.40 | \$1.00 |
| | P0631 | 1 Reliability | MBTA Track, signal and power | BLUE LINE HARBOR TUNNEL INFRASTRUCTURE IMPROVEMENTS | 0 | \$78.74 | \$14.82 | \$7.00 | \$56.92 |
| | P0682 | 1 Reliability | MBTA Revenue vehicles | BLUE LINE RCM | 0 | \$9.70 | \$6.42 | \$1.98 | \$1.30 |
| | P0901 | 1 Reliability | MBTA Stations | BL STATION STUDIES | 0 | \$8.00 | \$0.00 | \$1.00 | \$7.00 |
| | P0938 | 1 Reliability | MBTA Track, signal and power | BL SIGNAL IMPROVEMENTS | 0 | \$12.00 | \$0.50 | \$2.50 | \$9.00 |
| Heavy Rail Multiple/All | P0157 | 2 Modernization | MBTA Red / Orange Line transformation | RED LINE / ORANGE LINE INFRASTRUCTURE IMPROVEMENTS | 0 | \$475.36 | \$350.28 | \$74.10 | \$50.97 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|--------------------------|-------------|-------------------|---|--|-------|------------|-----------------|----------|----------------|
| | P0285 | 2 Modernization | MBTA Red / Orange Line transformation | SIGNAL PROGRAM - RED/ORANGE LINE | 0 | \$267.64 | \$29.87 | \$88.49 | \$149.28 |
| | P0362 | 2 Modernization | MBTA Red / Orange Line transformation | RED/ ORANGE LINE VEHICLES | 0 | \$1,073.47 | \$336.42 | \$75.46 | \$661.59 |
| | P0679 | 2 Modernization | MBTA Red / Orange Line transformation | CODMAN YARD EXPANSION AND IMPROVEMENTS | 0 | \$78.67 | \$2.55 | \$12.55 | \$63.57 |
| | P0765 | 1 Reliability | MBTA Revenue vehicles | RFP DEVELOPMENT FOR R/O LINE CAR RCM | 0 | \$0.91 | \$0.41 | \$0.10 | \$0.40 |
| | P1012 | 2 Modernization | MBTA Red / Orange Line transformation | RED LINE ORANGE LINE PM/CM PROFESSIONAL SERVICES | 0 | \$50.21 | \$0.00 | \$6.84 | \$43.37 |
| Heavy Rail Orange Line | P0076 | 2 Modernization | MBTA Accessibility | OAK GROVE STATION VERTICAL TRANSPORTATION IMPROVEMENTS | 0 | \$38.75 | \$23.73 | \$12.00 | \$3.02 |
| | P0139 | 2 Modernization | MBTA Red / Orange Line transformation | ORANGE LINE TRACTION POWER UPGRADE | 0 | \$56.78 | \$35.73 | \$6.54 | \$14.52 |
| | P0163 | 1 Reliability | MBTA Stations | FOREST HILLS IMPROVEMENT PROJECT | 0 | \$32.61 | \$3.95 | \$4.99 | \$23.67 |
| | P0279 | 1 Reliability | MBTA Track, signal and power | ORANGE LINE DC CABLE | 0 | \$21.73 | \$12.91 | \$1.21 | \$7.61 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|-----------------------|-------------|-------------------|---|--|-------|-----------|-----------------|----------|----------------|
| | P0514 | 2 Modernization | MBTA Red / Orange Line transformation | WELLINGTON YARD COMPLETE UPGRADE | 0 | \$85.06 | \$13.86 | \$34.68 | \$36.53 |
| | P0516 | 1 Reliability | MBTA Track, signal and power | RED AND ORANGE LINE TRACK MODERNIZATION | 0 | \$39.60 | \$0.78 | \$10.22 | \$28.60 |
| | P0673c | 1 Reliability | MBTA Revenue vehicles | ORANGE LINE RAIL VEHICLE COMPONENT UPGRADES | 0 | \$3.11 | \$1.84 | \$1.12 | \$0.15 |
| | P0675 | 1 Reliability | MBTA Track, signal and power | ORANGE LINE SW CORRIDOR SLAB REPLACEMENT - ENGINEERING | 0 | \$7.50 | \$0.20 | \$1.50 | \$5.80 |
| | P0688 | 1 Reliability | MBTA Track, signal and power | SOUTH BOSTON TO FOREST HILLS DUCT BANK REPLACEMENT | 0 | \$1.50 | \$0.45 | \$1.05 | \$0.00 |
| | P0856 | 1 Reliability | MBTA Stations | RUGGLES STATION IMPROVEMENTS PHASE 2 | 0 | \$3.25 | \$0.96 | \$1.54 | \$0.74 |
| Heavy Rail Red Line | P0066 | 2 Modernization | MBTA Accessibility | ELEVATOR PROGRAM | 0 | \$82.96 | \$69.12 | \$6.00 | \$7.85 |
| | P0066a | 2 Modernization | MBTA Accessibility | QUINCY ADAMS ACCESSIBILITY IMPROVEMENTS | 0 | \$12.44 | \$8.05 | \$4.20 | \$0.18 |
| | P0066d | 2 Modernization | MBTA Accessibility | ALEWIFE STATION VERTICAL TRANSPORTATION IMPROVEMENTS | 0 | \$7.17 | \$6.00 | \$1.17 | \$0.00 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|----------|-------------|-------------------|--------------------------------|--|-------|-----------|-----------------|----------|----------------|
| MBTA | P0066e | 2 Modernization | MBTA Accessibility | HARVARD/CENTRAL ELEVATOR | 0 | \$18.98 | \$16.18 | \$2.80 | \$0.00 |
| | P0087 | 1 Reliability | MBTA Stations | BRAINTREE AND QUINCY ADAMS GARAGE REHAB | 0 | \$114.47 | \$74.88 | \$26.85 | \$12.74 |
| | P0144 | 1 Reliability | MBTA Track, signal and power | RED LINE SUBSTATION, TRACTION POWER UPGRADES | 0 | \$21.47 | \$19.80 | \$0.30 | \$1.37 |
| | P0169 | 1 Reliability | MBTA Stations | WOLLASTON STATION / QUINCY CENTER GARAGE DEMOLITION | 0 | \$99.70 | \$93.31 | \$1.00 | \$5.39 |
| | P0184 | 1 Reliability | MBTA Bridge & tunnel | RED LINE REHAB | 0 | \$9.92 | \$9.52 | \$0.40 | \$0.00 |
| | P0273 | 1 Reliability | MBTA Track, signal and power | RED LINE FLOATING SLABS (ALEWIFE-HARVARD) | 0 | \$42.56 | \$34.92 | \$2.53 | \$5.12 |
| | P0281 | 1 Reliability | MBTA Track, signal and power | RED LINE DC CABLE | 0 | \$28.40 | \$13.69 | \$1.81 | \$12.90 |
| | P0286 | 1 Reliability | MBTA Track, signal and power | RED LINE CABLE REPLACEMENT | 0 | \$29.00 | \$24.00 | \$0.60 | \$4.40 |
| | P0460 | 1 Reliability | MBTA Revenue vehicles | RED LINE NO. 3 CAR - TARGETED RELIABILITY IMPROVEMENTS | 0 | \$44.03 | \$23.50 | \$8.05 | \$12.48 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|-------------------------|-------------|-------------------|---|---------------------------------------|-------|-----------|-----------------|----------|----------------|
| | P0512 | 2 Modernization | MBTA Red / Orange Line transformation | CABOT YARD COMPLETE UPGRADE | 0 | \$174.01 | \$12.52 | \$48.28 | \$113.21 |
| | P0551 | 1 Reliability | MBTA Bridge & tunnel | LONGFELLOW APPROACH | 0 | \$113.86 | \$3.74 | \$6.00 | \$104.12 |
| | P0605 | 1 Reliability | MBTA Stations | ALEWIFE GARAGE REHABILITATION | 0 | \$28.10 | \$17.88 | \$5.13 | \$5.09 |
| | P0654 | 1 Reliability | MBTA Track, signal and power | RED LINE INTERLOCK UPGRADES | 0 | \$12.00 | \$0.60 | \$4.51 | \$6.89 |
| | P0857 | 1 Reliability | MBTA Track, signal and power | MATTAPAN HSL TRANSFORMATION | 0 | \$118.00 | \$0.06 | \$0.33 | \$117.60 |
| | P0859 | 1 Reliability | MBTA System upgrades/other | OPERATIONS CONTROL SYSTEM INTEGRATION | 0 | \$1.50 | \$0.56 | \$0.30 | \$0.64 |
| | P0950 | 2 Modernization | MBTA Red / Orange Line transformation | CABOT FACILITY FLOOD MITIGATION | 0 | \$3.21 | \$1.60 | \$1.60 | \$0.00 |
| | R0117 | 2 Modernization | MBTA Red / Orange Line transformation | ALEWIFE CROSSING IMPROVEMENTS | 0 | \$21.66 | \$1.33 | \$4.59 | \$15.75 |
| Light Rail Green Line | P0003 | 2 Modernization | MBTA Green Line Transformation | GREEN LINE B-BRANCH CONSOLIDATION | 0 | \$29.49 | \$11.11 | \$14.56 | \$3.83 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|------------|-------------|-------------------|----------------------------------|---|-------|------------|-----------------|----------|----------------|
| Green Line | P0095 | 3 Expansion | MBTA Green Line Extension | GREEN LINE EXTENSION | 0 | \$2,118.60 | \$1,524.00 | \$284.44 | \$310.17 |
| | P0095a | 3 Expansion | MBTA Green Line Extension | GREEN LINE EXTENSION - VEHICLES | 0 | \$170.00 | \$139.85 | \$18.11 | \$12.04 |
| | P0117 | 2 Modernization | MBTA Green Line Transformation | FENWAY PORTAL FLOOD PROTECTION | 0 | \$32.33 | \$26.83 | \$5.50 | \$0.00 |
| | P0129 | 2 Modernization | MBTA Green Line Transformation | NEWTON HIGHLANDS GREEN LINE STATION ACCESSIBILITY PROJECT | 0 | \$32.20 | \$2.43 | \$8.07 | \$21.71 |
| | P0168 | 2 Modernization | MBTA Green Line Transformation | SYMPHONY STATION IMPROVEMENTS | 0 | \$46.80 | \$4.27 | \$15.50 | \$27.02 |
| | P0266 | 2 Modernization | MBTA Green Line Transformation | GREEN LINE - REAL TIME TRACKING | 0 | \$15.69 | \$14.69 | \$1.00 | \$0.00 |
| | P0271 | 2 Modernization | MBTA Green Line Transformation | BEACON JUNCTION SPECIAL TRACK WORK REPLACEMENT | 0 | \$6.50 | \$6.20 | \$0.16 | \$0.14 |
| | P0275 | 2 Modernization | MBTA Green Line Transformation | GREEN LINE RAIL GRINDING | 0 | \$6.06 | \$5.95 | \$0.11 | \$0.00 |
| | P0283 | 2 Modernization | MBTA Green Line Transformation | GREEN LINE CENTRAL TUNNEL SIGNAL - 25 CYCLE | 0 | \$17.00 | \$12.50 | \$2.00 | \$2.50 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|------------|-------------|-------------------|----------------------------------|--|-------|-----------|-----------------|----------|----------------|
| Green Line | P0284 | 2 Modernization | MBTA Green Line Transformation | SIGNAL PROGRAM - GREEN LINE | 0 | \$5.95 | \$4.94 | \$1.01 | \$0.00 |
| | P0349 | 2 Modernization | MBTA Green Line Transformation | GREEN LINE #8 CAR RELIABILITY IMPROVEMENTS | 0 | \$66.50 | \$27.40 | \$13.75 | \$25.34 |
| | P0368 | 2 Modernization | MBTA Green Line Transformation | GREEN LINE #7 CAR MIDLIFE OVERHAUL | 0 | \$127.14 | \$126.15 | \$0.99 | \$0.00 |
| | P0369 | 2 Modernization | MBTA Green Line Transformation | GREEN LINE TYPE 10 LIGHT RAIL FLEET REPLACEMENT | 0 | \$799.97 | \$7.62 | \$7.56 | \$784.78 |
| | P0370 | 2 Modernization | MBTA Green Line Transformation | GREEN LINE TRAIN PROTECTION | 0 | \$169.30 | \$25.06 | \$28.00 | \$116.24 |
| | P0448 | 2 Modernization | MBTA Green Line Transformation | GREEN LINE #7 SELECTIVE SYSTEMS OVERHAUL OPTION | 0 | \$34.92 | \$32.83 | \$2.09 | \$0.00 |
| | P0468 | 2 Modernization | MBTA Green Line Transformation | GREEN LINE (NON-GLX) GRADE CROSSINGS (ON-CALL) | 0 | \$32.09 | \$20.76 | \$3.31 | \$8.03 |
| | P0562 | 2 Modernization | MBTA Green Line Transformation | TRANSIT SIGNAL PRIORITY IMPLEMENTATION | 0 | \$1.12 | \$0.41 | \$0.13 | \$0.58 |
| | P0591 | 2 Modernization | MBTA Green Line Transformation | GREEN LINE CENTRAL TUNNEL TRACK AND SIGNAL REPLACEMENT | 0 | \$120.00 | \$4.38 | \$3.70 | \$111.92 |
| | | | | | | | | | |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|------------|-------------|-------------------|----------------------------------|--|-------|-----------|-----------------|----------|----------------|
| Green Line | P0626 | 2 Modernization | MBTA Green Line Transformation | HYNES STATION | 0 | \$45.73 | \$3.07 | \$6.15 | \$36.52 |
| | P0673g | 1 Reliability | MBTA Revenue vehicles | GL FLEET FLORRING UPGRADES | 0 | \$1.46 | \$0.89 | \$0.38 | \$0.20 |
| | P0685 | 2 Modernization | MBTA Green Line Transformation | GREEN LINE TRANSFORMATION | 0 | \$48.28 | \$18.22 | \$6.05 | \$24.00 |
| | P0686 | 2 Modernization | MBTA Green Line Transformation | E&M MOW GREEN LINE TRACK REHABILITATION 2018 | 0 | \$7.63 | \$7.10 | \$0.53 | \$0.00 |
| | P0811 | 2 Modernization | MBTA Green Line Transformation | HIGHLAND BRANCH AC CABLE | 0 | \$6.69 | \$6.52 | \$0.17 | \$0.00 |
| | P0826 | 1 Reliability | MBTA Stations | NEWTON CENTRE CANOPY ROOF REPLACEMENT | 0 | \$0.21 | \$0.20 | \$0.01 | \$0.00 |
| | P0850 | 2 Modernization | MBTA Green Line Transformation | LECHMERE VIADUCT REHABILITATION PROJECT | 0 | \$99.64 | \$68.57 | \$31.07 | \$0.00 |
| | P0874 | 2 Modernization | MBTA Green Line Transformation | GL B-BRANCH INFRASTRUCTURE IMPROVEMENTS | 0 | \$6.57 | \$0.31 | \$3.26 | \$3.00 |
| | P0878 | 2 Modernization | MBTA Green Line Transformation | GL C-BRANCH SURFACE IMPROVEMENTS | 0 | \$27.75 | \$14.15 | \$7.80 | \$5.81 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|------------|-------------|-------------------|----------------------------------|--|-------|-----------|-----------------|----------|----------------|
| Green Line | P0879 | 2 Modernization | MBTA Green Line Transformation | GL E-BRANCH SURFACE IMPROVEMENTS | 0 | \$30.22 | \$14.92 | \$8.51 | \$6.80 |
| | P0890 | 2 Modernization | MBTA Green Line Transformation | GREEN LINE SURFACE STATION ACCESSIBILITY I | 0 | \$19.53 | \$4.47 | \$3.09 | \$11.97 |
| | P0903 | 2 Modernization | MBTA Green Line Transformation | GREEN LINE TYPE 7 FLANGE LUBRICATOR | 0 | \$0.72 | \$0.00 | \$0.07 | \$0.65 |
| | P0917 | 2 Modernization | MBTA Green Line Transformation | COPLEY TO ARLINGTON TRACK REPLACEMENT | 0 | \$8.14 | \$0.00 | \$3.00 | \$5.14 |
| | P0919 | 2 Modernization | MBTA Green Line Transformation | GREEN LINE OVERHEAD CATENARY SYSTEM STATE OF GOOD REPAIR | 0 | \$15.00 | \$0.00 | \$3.00 | \$12.00 |
| | P0920 | 2 Modernization | MBTA Green Line Transformation | GREEN LINE MAINTENANCE FACILITIES AND YARDS | 0 | \$10.00 | \$0.75 | \$3.72 | \$5.53 |
| | P0922 | 2 Modernization | MBTA Green Line Transformation | GL TRACTION POWER UPGRADES FOR INCREASED CAPACITY | 0 | \$10.00 | \$0.00 | \$4.61 | \$5.39 |
| | P0923 | 2 Modernization | MBTA Green Line Transformation | E BRANCH ACCESSIBILITY & CAPACITY IMPROVEMENTS | 0 | \$3.38 | \$0.00 | \$0.53 | \$2.85 |
| | P0924 | 2 Modernization | MBTA Green Line Transformation | B BRANCH ACCESSIBILITY & CAPACITY IMPROVEMENTS | 0 | \$8.54 | \$0.14 | \$1.50 | \$6.90 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|-------------------|-------------|-------------------|----------------------------------|--|-------|-----------|-----------------|----------|----------------|
| | P0926 | 2 Modernization | MBTA Green Line Transformation | D BRANCH PEDESTRIAN CROSSING SPEED RESTRICTION REMOVAL | 0 | \$0.57 | \$0.12 | \$0.45 | \$0.00 |
| | P0930 | 2 Modernization | MBTA Green Line Transformation | GREEN LINE TYPE 8 PRINTED CIRCUIT BOARDS REPLACEMENT | 0 | \$3.86 | \$0.00 | \$2.12 | \$1.74 |
| | P1009 | 2 Modernization | MBTA Green Line Transformation | SHORT TERM ACCESSIBILITY IMPROVEMENTS - FTA COMPLIANCE ACTIONS | 0 | \$57.48 | \$0.00 | \$5.81 | \$51.67 |
| | P1011 | 2 Modernization | MBTA Green Line Transformation | GLX VMF MODIFICATIONS & UPGRADES | 0 | \$12.43 | \$0.00 | \$0.70 | \$11.73 |
| | R9593 | 2 Modernization | MBTA Green Line Transformation | GREEN LINE D BRANCH TRACK AND SIGNAL REPLACEMENT | 0 | \$105.59 | \$67.11 | \$30.48 | \$8.00 |
| None/Multiple/All | P0008 | 1 Reliability | MBTA Bridge & tunnel | EMERGENCY BRIDGE DESIGN / INSPECTION & RATING | 0 | \$27.82 | \$25.96 | \$1.86 | \$0.00 |
| | P0009 | 1 Reliability | MBTA Bridge & tunnel | BRIDGES - DESIGN | 0 | \$35.36 | \$20.88 | \$2.90 | \$11.59 |
| | P0037 | 1 Reliability | MBTA Bridge & tunnel | EMERGENCY BRIDGE REPAIR | 0 | \$26.98 | \$21.96 | \$2.53 | \$2.50 |
| | P0074 | 2 Modernization | MBTA Accessibility | DOWNTOWN CROSSING VERTICAL TRANSPORTATION IMPROVEMENTS PHASE 2 | 0 | \$7.41 | \$1.76 | \$2.93 | \$2.72 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|----------|-------------|-------------------|--------------------------------|---|-------|-----------|-----------------|----------|----------------|
| MBTA | P0075 | 2 Modernization | MBTA Accessibility | ELEVATOR PROGRAM MULTIPLE LOCATION DESIGN | 0 | \$54.72 | \$9.79 | \$6.00 | \$38.93 |
| | P0096 | 1 Reliability | MBTA System upgrades/other | 10 PP-ITD DATA CENTER UPGRADES | 0 | \$1.00 | \$0.82 | \$0.18 | \$0.00 |
| | P0112 | 1 Reliability | MBTA Facilities | FACILITY ON-CALL | 0 | \$27.17 | \$24.70 | \$2.47 | \$0.00 |
| | P0120 | 1 Reliability | MBTA Facilities | UNDERGROUND STORAGE TANKS | 0 | \$7.45 | \$7.22 | \$0.24 | \$0.00 |
| | P0126 | 1 Reliability | MBTA Facilities | FACILITY ROOF REPLACEMENT | 0 | \$52.45 | \$17.43 | \$8.00 | \$27.02 |
| | P0127 | 1 Reliability | MBTA System upgrades/other | INDEPENDENT REVIEWS | 0 | \$9.24 | \$6.91 | \$0.50 | \$1.83 |
| | P0128 | 1 Reliability | MBTA System upgrades/other | MISC. AUDIT SERVICES | 0 | \$6.30 | \$4.79 | \$0.48 | \$1.04 |
| | P0143 | 1 Reliability | MBTA Track, signal and power | TRACTION POWER SUBSTATION PHASE 3 & 4 | 0 | \$31.03 | \$4.41 | \$7.46 | \$19.16 |
| | P0146 | 1 Reliability | MBTA Track, signal and power | SCADA UPGRADES | 0 | \$8.91 | \$7.27 | \$1.64 | \$0.00 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|----------------|-------------|-------------------|--------------------------------|--|-------|-----------|-----------------|----------|----------------|
| Greater Boston | P0147 | 1 Reliability | MBTA Track, signal and power | SYSTEMSWIDE TRANSFORMER REPLACEMENT, PHASE 2 | 0 | \$26.06 | \$8.54 | \$14.00 | \$3.52 |
| | P0175 | 1 Reliability | MBTA Stations | RUGGLES STATION UPGRADE | 0 | \$39.00 | \$33.05 | \$5.95 | \$0.00 |
| | P0181 | 1 Reliability | MBTA System upgrades/other | BACK BAY GROUNDWATER REMEDIATION | 0 | \$4.97 | \$2.88 | \$0.17 | \$1.92 |
| | P0182 | 1 Reliability | MBTA Bridge & tunnel | TUNNEL REHAB | 0 | \$11.78 | \$11.28 | \$0.50 | \$0.00 |
| | P0264 | 2 Modernization | MBTA Fare Transformation | AFC 1.0 | 0 | \$8.59 | \$8.29 | \$0.10 | \$0.20 |
| | P0265 | 2 Modernization | MBTA Fare Transformation | FARE TRANSFORMATION | 0 | \$783.44 | \$86.15 | \$68.74 | \$628.55 |
| | P0265a | 2 Modernization | MBTA Fare Transformation | ACCESSIBLE FARE GATE OPENER | 0 | \$8.95 | \$0.72 | \$3.58 | \$4.66 |
| | P0280 | 1 Reliability | MBTA Track, signal and power | SHORT-TERM POWER INVESTMENTS | 0 | \$10.00 | \$8.87 | \$0.40 | \$0.73 |
| | P0297 | 1 Reliability | MBTA System upgrades/other | VARIOUS REMEDIATION PROJECTS | 0 | \$0.58 | \$0.54 | \$0.04 | \$0.00 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|----------|-------------|-------------------|-------------------------------------|---|-------|-----------|-----------------|----------|----------------|
| MBTA | P0301 | 1 Reliability | MBTA System upgrades/other | SYSTEM-WIDE RADIO | 0 | \$70.16 | \$6.45 | \$12.54 | \$51.16 |
| | P0321 | 1 Reliability | MBTA System upgrades/other | BOND COSTS / SOMWBA | 0 | \$36.67 | \$34.90 | \$0.80 | \$0.97 |
| | P0328 | 1 Reliability | MBTA Stations | PARKING REVENUE EQUIPMENT - LYNN/WELLINGTON | 0 | \$0.76 | \$0.48 | \$0.27 | \$0.00 |
| | P0338 | 2 Modernization | MBTA Risk management & mitigation | CANINE EXPLOSIVE DETECT PROGRAM | 0 | \$0.61 | \$0.15 | \$0.46 | \$0.00 |
| | P0434 | 1 Reliability | MBTA System upgrades/other | ENERGY MANAGEMENT SYSTEM | 0 | \$3.50 | \$0.98 | \$0.69 | \$1.83 |
| | P0451 | 2 Modernization | MBTA Technology and innovation | PMIS IMPLEMENTATION | 0 | \$12.40 | \$10.19 | \$1.50 | \$0.71 |
| | P0456 | 1 Reliability | MBTA Stations | PARKING LOT PAVING - ON-CALL | 0 | \$31.05 | \$27.41 | \$3.63 | \$0.00 |
| | P0457 | 1 Reliability | MBTA System upgrades/other | E&M CAD PLANS DIGITIZATION | 0 | \$1.50 | \$1.24 | \$0.26 | \$0.00 |
| | P0459 | 1 Reliability | MBTA System upgrades/other | ASSET CONDITION & PERFORMANCE ASSESSMENTS | 0 | \$4.00 | \$3.82 | \$0.18 | \$0.00 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|----------|-------------|-------------------|----------------------------------|---|-------|-----------|-----------------|----------|----------------|
| MBTA | P0466 | 1 Reliability | MBTA Bridge & tunnel | TUNNEL REPAIRS (ON-CALL) | 0 | \$27.43 | \$4.65 | \$2.84 | \$19.93 |
| | P0474 | 1 Reliability | MBTA System upgrades/other | ASSET MANAGEMENT SYSTEMS - PHASE 2 | 0 | \$7.27 | \$7.24 | \$0.02 | \$0.00 |
| | P0478 | 1 Reliability | MBTA Stations | PARKING CONTRACT - CAPITAL IMPROVEMENTS | 0 | \$1.33 | \$1.20 | \$0.13 | \$0.00 |
| | P0491a | 2 Modernization | MBTA Accessibility | CUSTOMER TECH ACCESS INITIATIVES | 0 | \$1.25 | \$0.73 | \$0.51 | \$0.02 |
| | P0495 | 1 Reliability | MBTA Bridge & tunnel | BRIDGE BUNDLING CONTRACT | 0 | \$132.15 | \$31.23 | \$40.00 | \$60.92 |
| | P0533 | 1 Reliability | MBTA System upgrades/other | EMPLOYEE QUALITY OF LIFE INITIATIVE | 0 | \$2.37 | \$1.43 | \$0.94 | \$0.00 |
| | P0542 | 1 Reliability | MBTA System upgrades/other | OCCUPATIONAL HEALTH SERVICES SYSTEM IMPR. | 0 | \$3.27 | \$1.71 | \$0.62 | \$0.93 |
| | P0544 | 2 Modernization | MBTA Technology and innovation | T DIGITAL SERVICE | 0 | \$9.47 | \$8.59 | \$0.88 | \$0.00 |
| | P0546 | 1 Reliability | MBTA Stations | SYSTEMWIDE PLATFORM EDGE INSPECTIONS | 0 | \$0.92 | \$0.70 | \$0.23 | \$0.00 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|----------|-------------|-------------------|-------------------------------------|---|-------|-----------|-----------------|----------|----------------|
| MBTA | P0547 | 1 Reliability | MBTA System upgrades/other | WORK CAR PROCUREMENT | 0 | \$63.93 | \$1.12 | \$4.89 | \$57.92 |
| | P0552 | 1 Reliability | MBTA Bridge & tunnel | DORCHESTER AVENUE BRIDGE | 0 | \$34.80 | \$2.03 | \$16.50 | \$16.27 |
| | P0555 | 1 Reliability | MBTA Track, signal and power | E&M MOW SYSTEMWIDE INITIATIVES | 0 | \$33.04 | \$16.33 | \$9.70 | \$7.01 |
| | P0557 | 2 Modernization | MBTA Technology and innovation | MIT RESEARCH AGREEMENT | 0 | \$2.90 | \$2.83 | \$0.07 | \$0.00 |
| | P0564 | 1 Reliability | MBTA Facilities | SPRINKLER & FIRE LIFE SAFETY SYSTEMS - TR. FACILITIES | 0 | \$21.00 | \$5.00 | \$2.70 | \$13.30 |
| | P0569 | 2 Modernization | MBTA Risk management & mitigation | OCCUPATIONAL HEALTH & SAFETY PROGRAM | 0 | \$0.75 | \$0.73 | \$0.03 | \$0.00 |
| | P0588 | 1 Reliability | MBTA System upgrades/other | DOCUMENT MANAGEMENT AND RETRIEVAL D2 | 0 | \$4.38 | \$4.01 | \$0.21 | \$0.16 |
| | P0603 | 1 Reliability | MBTA Facilities | 45 HIGH STREET MASTER PLAN AND SYSTEMS RESILIENCY | 0 | \$8.32 | \$0.82 | \$0.98 | \$6.52 |
| | P0611 | 1 Reliability | MBTA Bridge & tunnel | BRIDGE REPAIRS SYSTEMWIDE (CONTRACTS 4 AND 5) | 0 | \$12.25 | \$6.48 | \$3.71 | \$2.06 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|----------|-------------|-------------------|----------------------------------|---|-------|-----------|-----------------|----------|----------------|
| MBTA | P0616 | 1 Reliability | MBTA Facilities | CHARLESTOWN CAMPUS STUDY AND EARLY ACTION ITEMS | 0 | \$3.00 | \$1.59 | \$0.42 | \$1.00 |
| | P0624 | 2 Modernization | MBTA Technology and innovation | GREEN LINE AND BLUE LINE WHEEL SCANNERS | 0 | \$2.10 | \$0.87 | \$0.64 | \$0.59 |
| | P0627 | 1 Reliability | MBTA Bridge & tunnel | INSPECTION AND RATING OF MBTA SYSTEMWIDE BRIDGES | 0 | \$83.38 | \$22.60 | \$6.49 | \$54.29 |
| | P0630 | 2 Modernization | MBTA Technology and innovation | LEAN STRATEGY IMPLEMENTATION | 0 | \$0.30 | \$0.14 | \$0.07 | \$0.09 |
| | P0635 | 1 Reliability | MBTA System upgrades/other | MBTA SECURITY MODERNIZATION | 0 | \$13.07 | \$11.87 | \$1.20 | \$0.00 |
| | P0636 | 2 Modernization | MBTA Accessibility | MBTA VERTICAL TRANSPORTATION CAPITAL 20 YEAR PLAN | 0 | \$1.34 | \$0.67 | \$0.68 | \$0.00 |
| | P0637 | 1 Reliability | MBTA System upgrades/other | MCRS2 V17 AND BUSINESS PROCESS UPDATE | 0 | \$5.24 | \$3.64 | \$1.36 | \$0.23 |
| | P0639 | 2 Modernization | MBTA Accessibility | MINOR TO MODERATE AD HOC STATION ACCESSIBILITY IMPROVEMENTS | 0 | \$4.66 | \$0.90 | \$2.23 | \$1.53 |
| | P0642 | 1 Reliability | MBTA Track, signal and power | MOW SYSTEMWIDE CWR REPLACEMENT PROJECT | 0 | \$7.99 | \$1.62 | \$0.68 | \$5.70 |
| | | | | | | | | | |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|----------|-------------|-------------------|-------------------------------------|---|-------|-----------|-----------------|----------|----------------|
| | P0645 | 2 Modernization | MBTA Risk management & mitigation | OHS PROGRAM DEVELOPMENT AND IMPLEMENTATION | 0 | \$22.29 | \$4.75 | \$5.00 | \$12.53 |
| | P0646 | 2 Modernization | MBTA Risk management & mitigation | OHS STEERING COMMITTEE -- PPE AND INFRASTRUCTURE IMPROVEMENTS | 0 | \$19.25 | \$7.47 | \$3.00 | \$8.78 |
| | P0661 | 1 Reliability | MBTA Facilities | SYSTEMWIDE FACILITY NEEDS AND PROGRAMMING STUDY | 0 | \$1.00 | \$0.04 | \$0.51 | \$0.45 |
| | P0662 | 1 Reliability | MBTA System upgrades/other | SYSTEMWIDE NON-REVENUE VEHICLES PROGRAM | 0 | \$16.00 | \$12.77 | \$3.20 | \$0.03 |
| | P0663 | 1 Reliability | MBTA Facilities | SYSTEM-WIDE STORAGE TANK COMPLIANCE PROGRAM | 0 | \$3.00 | \$1.53 | \$1.25 | \$0.22 |
| | P0666 | 1 Reliability | MBTA System upgrades/other | TRANSIT POLICE FLEET REPLACEMENT PROGRAM | 0 | \$3.17 | \$2.53 | \$0.50 | \$0.14 |
| | P0667 | 1 Reliability | MBTA Bridge & tunnel | UNDERGROUND STRUCTURE DESIGN/REPAIR & GEOTECHNICAL ENGINEERING SERVICES | 0 | \$1.40 | \$1.29 | \$0.11 | \$0.00 |
| | P0669 | 1 Reliability | MBTA Facilities | VON HILLERN STREET WALL REPAIR | 0 | \$3.50 | \$0.95 | \$1.75 | \$0.80 |
| | P0670 | 1 Reliability | MBTA Facilities | WASTEWATER DISCHARGE INFRASTRUCTURE | 0 | \$3.38 | \$2.06 | \$0.75 | \$0.57 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|----------|-------------|-------------------|-------------------------------------|--|-------|-----------|-----------------|----------|----------------|
| MBTA | P0673 | 1 Reliability | MBTA Revenue vehicles | REVENUE VEHICLE CAPITAL MAINTENANCE | 0 | \$4.85 | \$0.63 | \$0.47 | \$3.75 |
| | P0673h | 1 Reliability | MBTA Revenue vehicles | REVENUE VEHICLE CAP MAINT AUDIT | 0 | \$0.63 | \$0.48 | \$0.15 | \$0.00 |
| | P0674a | 1 Reliability | MBTA Track, signal and power | POWER SYSTEMS CAPITAL MAINTENANCE | 0 | \$6.47 | \$4.63 | \$1.59 | \$0.25 |
| | P0674d | 1 Reliability | MBTA Track, signal and power | POWER SYSTEMS CAPITAL MAINTENANCE PHASE II | 0 | \$28.79 | \$11.60 | \$4.13 | \$13.06 |
| | P0676 | 2 Modernization | MBTA Risk management & mitigation | SYSTEMWIDE SECURITY UPGRADES | 0 | \$20.74 | \$10.59 | \$4.22 | \$5.93 |
| | P0677 | 1 Reliability | MBTA Stations | SWI-DTX/STATE/HAYMKT&NO STATION | 0 | \$80.55 | \$70.16 | \$10.39 | \$0.00 |
| | P0677b | 1 Reliability | MBTA Stations | SWI-ALEWF/BRAIN/COPLEY/RUGG/WELL | 0 | \$1.59 | \$0.20 | \$1.40 | \$0.00 |
| | P0680 | 2 Modernization | MBTA Risk management & mitigation | CLIMATE CHANGE RESILIENCY VULNERABILITY ASSESSMENT | 0 | \$2.50 | \$1.26 | \$1.14 | \$0.10 |
| | P0683 | 2 Modernization | MBTA Technology and innovation | FMIS UPGRADE AND BUSINESS PROCESS RE-DESIGN | 0 | \$28.81 | \$9.19 | \$2.29 | \$17.33 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|----------|-------------|-------------------|----------------------------------|--------------------------------------|-------|-----------|-----------------|----------|----------------|
| MBTA | P0687 | 1 Reliability | MBTA Track, signal and power | CAPITAL MAINTENANCE EXPENSES - POWER | 0 | \$3.95 | \$2.59 | \$1.36 | \$0.00 |
| | P0689 | 2 Modernization | MBTA Technology and innovation | CUSTOMER TECHNOLOGY PROGRAM | 0 | \$2.32 | \$0.00 | \$2.32 | \$0.00 |
| | P0689d | 2 Modernization | MBTA Bus Transformation | BUS DISPATCHING TECHNOLOGIES | 0 | \$3.10 | \$0.88 | \$1.43 | \$0.78 |
| | P0689l | 2 Modernization | MBTA Technology and innovation | IMPROVING THE SHUTTLE EXPERIENCE | 0 | \$0.44 | \$0.16 | \$0.28 | \$0.00 |
| | P0689m | 2 Modernization | MBTA Technology and innovation | THE DIGITAL RIDE | 0 | \$1.04 | \$0.76 | \$0.28 | \$0.00 |
| | P0689n | 2 Modernization | MBTA Technology and innovation | ON PRESS DIGITAL FLAG STOP | 0 | \$0.34 | \$0.00 | \$0.34 | \$0.00 |
| | P0690 | 1 Reliability | MBTA System upgrades/other | DESIGN STANDARDS AND GUIDELINES | 0 | \$10.90 | \$1.11 | \$0.50 | \$9.29 |
| | P0692 | 1 Reliability | MBTA Track, signal and power | PRIIA-NEC BASELINE CAPITAL CHARGES | 0 | \$116.24 | \$53.05 | \$19.59 | \$43.61 |
| | P0695 | 1 Reliability | MBTA System upgrades/other | DOCUMENT SCANNING AND RETRIEVAL | 0 | \$0.35 | \$0.24 | \$0.03 | \$0.08 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|----------|-------------|-------------------|----------------------------------|---|-------|-----------|-----------------|----------|----------------|
| MBTA | P0701 | 1 Reliability | MBTA System upgrades/other | INTRANET MODERNIZATION | 0 | \$0.21 | \$0.09 | \$0.12 | \$0.00 |
| | P0704 | 1 Reliability | MBTA Bridge & tunnel | TUNNEL EMERGENCY VENTILATION PROGRAM | 0 | \$14.72 | \$0.52 | \$5.83 | \$8.37 |
| | P0705 | 1 Reliability | MBTA Track, signal and power | POWER SYSTEMS RESILIENCY PROGRAM | 0 | \$60.12 | \$24.81 | \$16.00 | \$19.31 |
| | P0707 | 2 Modernization | MBTA Technology and innovation | DIGITAL SCREENS USER INTERFACE | 0 | \$0.41 | \$0.37 | \$0.04 | \$0.00 |
| | P0751 | 1 Reliability | MBTA System upgrades/other | BID ADVERTISING COSTS | 0 | \$0.36 | \$0.28 | \$0.05 | \$0.03 |
| | P0761 | 2 Modernization | MBTA Bus Transformation | CONNECTIVITY & CUSTOMER CONVENIENCE PROGRAM | 0 | \$9.75 | \$2.24 | \$4.40 | \$3.12 |
| | P0824 | 2 Modernization | MBTA Technology and innovation | COUNTDOWN SIGNS INSTALLATION | 0 | \$0.63 | \$0.38 | \$0.25 | \$0.00 |
| | P0824a | 2 Modernization | MBTA Technology and innovation | PA & COUNTDOWN SIGNS TACTICAL UPGRADE | 0 | \$0.30 | \$0.12 | \$0.18 | \$0.00 |
| | P0831 | 1 Reliability | MBTA Stations | 2019-2020 EXPEDITED WAYFINDING DELIVERY STRATEGY (EXCL. TOP 15) | 0 | \$10.50 | \$5.11 | \$2.39 | \$3.00 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|----------|-------------|-------------------|-------------------------------------|--|-------|-----------|-----------------|----------|----------------|
| New York | P0833 | 2 Modernization | MBTA Risk management & mitigation | FY18 HOMELAND SECURITY FUNDS - STATION SECURITY ENHANCEMENTS | 0 | \$3.00 | \$1.67 | \$1.33 | \$0.00 |
| | P0834 | 2 Modernization | MBTA Risk management & mitigation | FY18 HOMELAND SECURITY FUNDS - VEHICLE RAMMING THREAT MITIGATION | 0 | \$2.50 | \$0.00 | \$2.50 | \$0.00 |
| | P0836 | 2 Modernization | MBTA Risk management & mitigation | FY18 HOMELAND SECURITY FUNDS - OPERATIONAL PACKAGES (OT) | 0 | \$2.12 | \$1.76 | \$0.35 | \$0.00 |
| | P0840 | 1 Reliability | MBTA Track, signal and power | SYSTEMWIDE SWITCH RENEWAL | 0 | \$2.11 | \$0.00 | \$1.28 | \$0.83 |
| | P0841 | 1 Reliability | MBTA Track, signal and power | SYSTEM-WIDE JUMPER CONNECTIONS | 0 | \$2.05 | \$0.00 | \$1.04 | \$1.00 |
| | P0842 | 1 Reliability | MBTA Track, signal and power | TRACTION POWER SUBSTATION FPE CIRCUIT BREAKER REPLACEMENT | 0 | \$2.13 | \$0.18 | \$0.53 | \$1.42 |
| | P0843 | 1 Reliability | MBTA Track, signal and power | 0-39-1 FOREST HILLS TO ROXBURY CABLE REPLACEMENT | 0 | \$2.80 | \$0.61 | \$1.15 | \$1.03 |
| | P0844 | 1 Reliability | MBTA Track, signal and power | TRACTION POWER SUBSTATION CONTROL BATTERY REPLACEMENT | 0 | \$0.94 | \$0.31 | \$0.31 | \$0.31 |
| | P0845 | 1 Reliability | MBTA Track, signal and power | 115KV ELECTRO-MECHANICAL TO DIGITAL RELAY REPLACEMENT | 0 | \$2.44 | \$2.35 | \$0.09 | \$0.00 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|----------------|-------------|-------------------|-------------------------------------|---|-------|-----------|-----------------|----------|----------------|
| Greater Boston | P0846 | 1 Reliability | MBTA Track, signal and power | 115KV TRANSFORMER REPLACEMENT PROJECT | 0 | \$5.79 | \$0.00 | \$2.86 | \$2.94 |
| | P0847 | 1 Reliability | MBTA Track, signal and power | 115KV PRIMARY AND BACK-UP RELAY REPLACEMENT | 0 | \$0.76 | \$0.01 | \$0.24 | \$0.51 |
| | P0852 | 1 Reliability | MBTA Bridge & tunnel | STRUCTURAL REPAIRS SYSTEMWIDE | 0 | \$25.07 | \$0.21 | \$5.00 | \$19.86 |
| | P0866 | 3 Expansion | MBTA Expansion projects | RED-BLUE CONNECTOR | 0 | \$15.00 | \$0.00 | \$3.60 | \$11.40 |
| | P0872 | 2 Modernization | MBTA Technology and innovation | CAP ACCEL / SUPPORT COSTS | 0 | \$2.50 | \$1.40 | \$1.01 | \$0.09 |
| | P0875 | 2 Modernization | MBTA Risk management & mitigation | FY19 HSF-EMERG TRAIN&EXERCISES | 0 | \$0.11 | \$0.06 | \$0.06 | \$0.00 |
| | P0876 | 2 Modernization | MBTA Risk management & mitigation | FY19 HSF-EXPLOSIVE ORD DISP EQUIP | 0 | \$0.75 | \$0.73 | \$0.02 | \$0.00 |
| | P0877 | 2 Modernization | MBTA Risk management & mitigation | FY19 HSF-OPERATIONAL PKGS-OT | 0 | \$1.80 | \$0.85 | \$0.95 | \$0.00 |
| | P0881 | 1 Reliability | MBTA Stations | PARKING AND PAVING II | 0 | \$7.33 | \$6.83 | \$0.50 | \$0.00 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|----------|-------------|-----------------|--------------------------------|---|-------|-----------|-----------------|----------|----------------|
| MBTA | P0881a | 1 Reliability | MBTA Stations | PARKING TECHNOLOGY UPGRADE PROGRAM | 0 | \$4.62 | \$0.37 | \$2.24 | \$2.00 |
| | P0886 | 1 Reliability | MBTA System upgrades/other | CAPITAL PROGRAM SUPPORT | 0 | \$1.88 | \$1.00 | \$0.89 | \$0.00 |
| | P0886a | 1 Reliability | MBTA System upgrades/other | CAPITAL PROGRAM SUPPORT | 0 | \$8.58 | \$0.00 | \$8.58 | \$0.00 |
| | P0900 | 1 Reliability | MBTA Track, signal and power | POWER SYSTEMS RELIABILITY PROGRAM | 0 | \$30.00 | \$0.30 | \$9.70 | \$20.00 |
| | P0904 | 1 Reliability | MBTA System upgrades/other | SYSTEMWIDE ASSET MANAGEMENT PROGRAM PHASE 3 | 0 | \$11.00 | \$1.00 | \$2.50 | \$7.50 |
| | P0905 | 1 Reliability | MBTA Facilities | TRACTION POWER SUBSTATION EPOXY FLOOR REPLACEMENT | 0 | \$1.00 | \$0.10 | \$0.90 | \$0.00 |
| | P0908 | 1 Reliability | MBTA Facilities | COMMUNICATIONS ROOMS REMEDIATION | 0 | \$9.60 | \$1.00 | \$4.30 | \$4.30 |
| | P0912 | 1 Reliability | MBTA Bridge & tunnel | SYSTEMWIDE TUNNEL FLOOD MITIGATION PROGRAM | 0 | \$5.00 | \$0.00 | \$1.00 | \$4.00 |
| | P0914 | 1 Reliability | MBTA Facilities | TRANSIT FACILITIES CAPITAL MAINTENANCE | 0 | \$2.50 | \$0.00 | \$1.25 | \$1.25 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|----------|-------------|-------------------|-------------------------------------|--|-------|-----------|-----------------|----------|----------------|
| New York | P0931 | 2 Modernization | MBTA Risk management & mitigation | SAFETY MANAGEMENT SYSTEM (SMS) IMPLEMENTATION | 0 | \$11.26 | \$0.45 | \$3.96 | \$6.86 |
| | P0932 | 2 Modernization | MBTA Risk management & mitigation | ELECTRICAL SAFETY - INCIDENT ENERGY ANALYSIS AND SYSTEM UPGRADES | 0 | \$16.21 | \$1.57 | \$7.32 | \$7.32 |
| | P0939 | 1 Reliability | MBTA Stations | SYSTEMWIDE TOD ADVANCED SUPPORT PROGRAM | 0 | \$1.50 | \$0.35 | \$1.15 | \$0.00 |
| | P0945 | 2 Modernization | MBTA Technology and innovation | IT DISASTER RECOVERY PLAN - 45 HIGH STREET | 0 | \$7.88 | \$0.10 | \$4.25 | \$3.53 |
| | P0946 | 2 Modernization | MBTA Technology and innovation | ACE NETWORK | 0 | \$15.00 | \$0.00 | \$5.00 | \$10.00 |
| | P0947 | 2 Modernization | MBTA Technology and innovation | ENTERPRISE HR AUTOMATION/SERVICE DELIVERY | 0 | \$0.10 | \$0.05 | \$0.05 | \$0.00 |
| | P0948 | 2 Modernization | MBTA Technology and innovation | PERFORMANCE DATA MODERNIZATION | 0 | \$2.33 | \$0.00 | \$0.87 | \$1.46 |
| | P1000 | 1 Reliability | MBTA Bridge & tunnel | URGENT STRUCTURAL DESIGN SUPPORT | 0 | \$3.75 | \$0.00 | \$0.50 | \$3.25 |
| | P1001 | 1 Reliability | MBTA Facilities | EMERGENCY EGRESS VENTILATION AND LIGHTING | 0 | \$0.96 | \$0.00 | \$0.36 | \$0.60 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|----------|-------------|-------------------|----------------------------------|--|-------|-----------|-----------------|----------|----------------|
| MBTA | P1007 | 1 Reliability | MBTA Stations | SYSTEMWIDE BIKE RACKS | 0 | \$0.06 | \$0.00 | \$0.06 | \$0.00 |
| | P1014 | 1 Reliability | MBTA System upgrades/other | NEAR-TERM TRANSFORMATIONAL INVESTMENTS | 0 | \$30.00 | \$0.00 | \$30.00 | \$0.00 |
| | R0020 | 1 Reliability | MBTA System upgrades/other | INFRASTRUCTURE ASSET MANAGEMENT PROGRAM PHASE 1 | 0 | \$18.11 | \$14.61 | \$0.70 | \$2.80 |
| | R0029 | 1 Reliability | MBTA Facilities | SYSTEMWIDE STAIR REPAIRS | 0 | \$10.00 | \$0.11 | \$1.89 | \$8.00 |
| | R0031 | 1 Reliability | MBTA Stations | STATIONS NEEDS ASSESSMENTS | 0 | \$3.00 | \$1.58 | \$0.80 | \$0.62 |
| | R0069 | 1 Reliability | MBTA Stations | PARK STREET STATION WAYFINDING IMPROVEMENTS CONSTRUCTION | 0 | \$21.85 | \$21.21 | \$0.64 | \$0.00 |
| | R0074 | 1 Reliability | MBTA Bridge & tunnel | TUNNEL INSPECTION SYSTEMWIDE | 0 | \$30.61 | \$1.60 | \$5.00 | \$24.01 |
| | R0128 | 2 Modernization | MBTA Technology and innovation | WORKFORCE MODERNIZATION PROGRAM - HASTUS | 0 | \$40.51 | \$25.33 | \$8.45 | \$6.73 |
| | R0132 | 1 Reliability | MBTA Track, signal and power | E&M CAPITAL MAINTENANCE IMPROVEMENTS | 0 | \$2.50 | \$0.64 | \$0.37 | \$1.50 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|----------|-------------|-----------------|--------------------------------|---|-------|-----------|-----------------|----------|----------------|
| | R0132a | 1 Reliability | MBTA Track, signal and power | BLUE LINE PLC REPLACEMENT | 0 | \$0.51 | \$0.34 | \$0.17 | \$0.00 |
| | R0132b | 1 Reliability | MBTA Stations | 2019 STATION BRIGHTENING BLITZ AND MAP UPGRADES | 0 | \$6.27 | \$5.68 | \$0.59 | \$0.00 |
| RIDE | P0643 | 1 Reliability | MBTA System upgrades/other | NEW PARATRANSIT SOFTWARE SOLUTION | 0 | \$9.11 | \$7.66 | \$0.35 | \$1.10 |
| | P0699 | 1 Reliability | MBTA System upgrades/other | THE RIDE VEHICLE RADIO UPGRADE | 0 | \$0.77 | \$0.56 | \$0.06 | \$0.14 |

Planning and Enterprise Services

2022 Capital Investment Plan

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|-----------------------------|---------------|----------------------------------|---|---|-------|------------|-----------------|----------|----------------|
| Boston | SFY2018PLUG31 | Planning and Enterprise Services | ORED Rose Kennedy Greenway capital maintenance | ROSE KENNEDY GREENWAY CONSERVANCY | 1 | \$3.74 | \$1.24 | \$0.50 | \$2.00 |
| Multiple - See Project Name | PE0003 | Planning and Enterprise Services | Security Security and emergency management | OFFICE OF SECURITY AND EMERGENCY MANAGEMENT -AERONAUTICS | 1 | \$24.05 | \$0.00 | \$5.55 | \$18.50 |
| | SFY2019PLUG51 | 3 Expansion | OTP Bicycle/pedestrian (Highway Division partnership) | BICYCLE AND PEDESTRIAN MODAL IMPLEMENTATION - OFFICE OF SECRETARY | 1 | \$38.79 | \$0.00 | \$1.15 | \$37.64 |
| Statewide | PE0001 | Planning and Enterprise Services | Facilities Facilities | FACILITIES - ENERGY CONSERVATION MEASURES 10 PP | 1 | \$22.32 | \$0.00 | \$14.92 | \$7.40 |
| | PE0002 | Planning and Enterprise Services | Fiscal Intergovernmental agreements | INTERGOVERNMENTAL AGREEMENTS | 1 | \$10.00 | \$0.00 | \$2.00 | \$8.00 |
| | PE0005 | Planning and Enterprise Services | OTP OTP | OFFICE OF TRANSPORTATION PLANNING - SPR, AWARDS AND ADJUSTMENTS | 1 | \$251.06 | \$23.80 | \$55.97 | \$171.29 |
| | PE0006 | Planning and Enterprise Services | OTP OTP | OFFICE OF TRANSPORTATION PLANNING - SPR, AWARDS AND ADJUSTMENTS | 1 | \$43.72 | \$5.67 | \$7.61 | \$30.44 |
| | SFY2018PLUG02 | Chapter 90 | Chapter 90 | CHAPTER 90 | 1 | \$1,000.00 | \$0.00 | \$200.00 | \$800.00 |
| | SFY2018PLUG11 | Planning and Enterprise Services | Fiscal Commonwealth - Boston Harbor | BOSTON HARBOR DREDGING | 1 | \$147.50 | \$110.00 | \$37.50 | \$0.00 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|----------|----------------|----------------------------------|--|---|-------|------------|-----------------|----------|----------------|
| | SFY2018PLUG15 | Planning and Enterprise Services | Fiscal ABP GANS repayment | ABP GANS REPAYMENT | 1 | \$1,099.38 | \$262.41 | \$86.47 | \$750.50 |
| | SFY2018PLUG7 | Planning and Enterprise Services | OTP Pre-apprenticeship | ODCR/ Pre-Apprenticeship Training Program | 1 | \$5.50 | \$0.00 | \$1.50 | \$4.00 |
| | SFY2019PLUG16 | Planning and Enterprise Services | OTP OTP | MASSRIDES: SRTS EDUCATION | 1 | \$8.59 | \$0.00 | \$1.65 | \$6.95 |
| | SFY2019PLUG18 | Planning and Enterprise Services | OTP OTP | RECREATIONAL TRAILS | 1 | \$7.42 | \$0.00 | \$1.48 | \$5.93 |
| | SFY2021 PLUG52 | 3 Expansion | OTP Shared streets and spaces | PUBLIC REALM IMPROVEMENTS (SHARED STREETS AND SPACES) | 1 | \$20.00 | \$0.00 | \$4.00 | \$16.00 |
| | SFY2022PLUG | 2 Modernization | OTP Transit infrastructure partnership | TRANSIT INFRASTRUCTURE PARTNERSHIP | 1 | \$25.00 | \$0.00 | \$5.00 | \$20.00 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|----------------|-------------|-----------------|---|--|-------|-----------|-----------------|----------|----------------|
| Adams Branch | AB22010000 | 1 Reliability | Rail Track and right-of-way reliability | ADAMS BRANCH - TRACK AND RIGHT - OF - WAY (AB22010000) | 0 | \$1.22 | \$0.15 | \$0.07 | \$1.00 |
| | AB22220000 | 1 Reliability | Rail Track and right-of-way reliability | ADAMS BRANCH - MAINTENANCE, EQUIPMENT AND OTHER (AB22220000) | 0 | \$0.84 | \$0.35 | \$0.09 | \$0.40 |
| Berkshire Line | BL22010000 | 1 Reliability | Rail Track and right-of-way reliability | BERKSHIRE LINE - TRACK AND RIGHT - OF - WAY (CONTRACTUAL OBLIGATION) (BL22010000) | 0 | \$41.76 | \$9.26 | \$7.00 | \$25.50 |
| | BL22020000 | 1 Reliability | Rail Bridge reliability | BERKSHIRE LINE - BRIDGE REPAIRS AND REPLACEMENTS (CONTRACTUAL OBLIGATION) (BL22020000) | 0 | \$16.48 | \$5.48 | \$2.50 | \$8.50 |
| | BL22020100 | 1 Reliability | Rail Bridge reliability | BERKSHIRE LINE - EMERGENCY BRIDGE REPAIRS (CONTRACTUAL OBLIGATION) (BL22020100) | 0 | \$4.48 | \$3.58 | \$0.30 | \$0.60 |
| | BL22030000 | 1 Reliability | Rail Track and right-of-way reliability | BERKSHIRE LINE - CULVERT REPAIRS AND IMPROVEMENTS (CONTRACTUAL OBLIGATION) (BL22030000) | 0 | \$2.84 | \$1.09 | \$0.20 | \$1.55 |
| | BL22040000 | 1 Reliability | Rail Grade crossings | BERKSHIRE LINE - GRADE CROSSING REPAIRS AND IMPROVEMENTS (CONTRACTUAL OBLIGATION) (BL22040000) | 0 | \$3.80 | \$1.50 | \$0.70 | \$1.60 |
| | BL22270000 | 1 Reliability | Rail Track and right-of-way reliability | BERKSHIRE LINE - MAINTENANCE, EQUIPMENT AND OTHER (CONTRACTUAL OBLIGATION) (BL22270000) | 0 | \$0.91 | \$0.23 | \$0.06 | \$0.62 |
| | RL22000002 | 1 Reliability | Rail Bridge reliability | BERKSHIRE LINE - EMERGENCY BRIDGE, CULVERT AND GRADE CROSSING REPAIRS | 0 | \$5.00 | \$0.00 | \$2.50 | \$2.50 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|-----------|-------------|-----------------|---|--|-------|-----------|-----------------|----------|----------------|
| Cape Main | CM22010100 | 1 Reliability | Rail Track and right-of-way reliability | CAPE MAIN - TRACK AND RIGHT - OF - WAY (CM22010100) | 0 | \$6.52 | \$0.00 | \$0.10 | \$6.42 |
| | CM22010300 | 1 Reliability | Rail Track and right-of-way reliability | CAPE MAIN - TRACK AND RIGHT - OF - WAY -- SIDINGS, OTHER (CM22010300) | 0 | \$0.53 | \$0.00 | \$0.53 | \$0.00 |
| | CM22010X00 | 1 Reliability | Rail Track and right-of-way reliability | CAPE MAIN - SWITCHES AND SPECIAL TRACK WORK (CM22010X00) | 0 | \$0.05 | \$0.00 | \$0.03 | \$0.03 |
| | CM22020000 | 1 Reliability | Rail Bridge reliability | CAPE MAIN - BRIDGE REPAIRS AND REPLACEMENTS -- GENERAL (CM22020000) | 0 | \$0.03 | \$0.00 | \$0.03 | \$0.00 |
| | CM22030000 | 1 Reliability | Rail Track and right-of-way reliability | CAPE MAIN - CULVERT REPAIRS AND IMPROVEMENTS (CM22030000) | 0 | \$1.00 | \$0.00 | \$1.00 | \$0.00 |
| | CM22040100 | 1 Reliability | Rail Grade crossings | CAPE MAIN - GRADE CROSSING REPAIRS AND IMPROVEMENTS (SURFACE) (CM22040100) | 0 | \$0.58 | \$0.00 | \$0.58 | \$0.00 |
| | CM22040200 | 1 Reliability | Rail Grade crossings | CAPE MAIN - GRADE CROSSING REPAIRS AND IMPROVEMENTS (SIGNAL) (CM22040200) | 0 | \$0.37 | \$0.00 | \$0.37 | \$0.00 |
| | CM22050000 | 1 Reliability | Rail Facility reliability | CAPE MAIN - RAIL YARDS AND SUPPORT FACILITIES (CM22050000) | 0 | \$0.50 | \$0.00 | \$0.50 | \$0.00 |
| | CM22060000 | 1 Reliability | Rail Facility reliability | CAPE MAIN - STATION REPAIRS AND IMPROVEMENTS (CM22060000) | 0 | \$0.05 | \$0.00 | \$0.05 | \$0.00 |

Rail

2022 Capital Investment Plan

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|------------------------|-------------|-------------------|---|--|-------|-----------|-----------------|----------|----------------|
| Conn River | CR22010000 | 1 Reliability | Rail Track and right-of-way reliability | CONN RIVER - TRACK AND RIGHT - OF - WAY (CR22010000) | 0 | \$17.73 | \$8.83 | \$2.12 | \$6.78 |
| | CR22020000 | 1 Reliability | Rail Bridge reliability | CONN RIVER - BRIDGE REPAIRS AND REPLACEMENTS (CR22020000) | 0 | \$26.44 | \$11.35 | \$1.20 | \$13.89 |
| | CR22030000 | 1 Reliability | Rail Track and right-of-way reliability | CONN RIVER - CULVERT REPAIRS AND IMPROVEMENTS (CR22030000) | 0 | \$6.56 | \$3.01 | \$0.86 | \$2.69 |
| | CR22040000 | 1 Reliability | Rail Grade crossings | CONN RIVER - GRADE CROSSING REPAIRS AND IMPROVEMENTS (CR22040000) | 0 | \$3.15 | \$0.05 | \$0.05 | \$3.05 |
| | CR22056000 | 2 Modernization | Rail Facility modernization | CONN RIVER - KNOWLEDGE CORRIDOR STATIONS (GREENFIELD & NORTHAMPTON) (CR22056000) | 86 | \$4.90 | \$4.55 | \$0.05 | \$0.30 |
| | CR22230000 | 1 Reliability | Rail Track and right-of-way reliability | CONN RIVER - MAINTENANCE OF WAY - ANNUAL INSPECTION AND MAINTENANCE (CR22230000) | 0 | \$13.91 | \$5.34 | \$1.68 | \$6.89 |
| | RL22000001 | 2 Modernization | Rail Track and right-of-way modernization | CONN RIVER - PTC IMPELEMENTATION FOR KNOWLEDGE CORRIDOR | 0 | \$65.00 | \$0.00 | \$15.00 | \$50.00 |
| Dean Street Industrial | DS22010100 | 1 Reliability | Rail Track and right-of-way reliability | DEAN STREET INDUSTRIAL - TRACK AND RIGHT - OF - WAY (DS22010100) | 0 | \$0.05 | \$0.00 | \$0.05 | \$0.00 |
| | DS22020319 | 1 Reliability | Rail Bridge reliability | DEAN STREET INDUSTRIAL - BRIDGE REPAIRS AND REPLACEMENTS -- TAUNTON RIVER (BR 3.19) (DS22020319) | 0 | \$0.13 | \$0.00 | \$0.03 | \$0.10 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|----------------------|-------------|-----------------|---|---|-------|-----------|-----------------|----------|----------------|
| Deerfield Yard | DS22090000 | 1 Reliability | Rail Track and right-of-way reliability | DEAN STREET INDUSTRIAL - DRAINAGE SYSTEM REPAIRS (DS22090000) | 0 | \$0.17 | \$0.08 | \$0.08 | \$0.02 |
| | DF22050000 | 1 Reliability | Rail Facility reliability | DEERFIELD YARD - EAST DEERFIELD YARD INTERMODAL PROJECT (DF22050000) | 0 | \$5.60 | \$0.00 | \$3.10 | \$2.50 |
| Falmouth Secondary | FS22010000 | 1 Reliability | Rail Track and right-of-way reliability | FALMOUTH SECONDARY - TRACK AND RIGHT - OF - WAY (FS22010000) | 0 | \$0.51 | \$0.00 | \$0.13 | \$0.38 |
| | FS22020330 | 1 Reliability | Rail Bridge reliability | FALMOUTH SECONDARY - BRIDGE REPAIRS AND REPLACEMENTS -- BARLOW RIVER (BR 3.30) (FS22020330) | 0 | \$0.25 | \$0.00 | \$0.25 | \$0.00 |
| | FS22040100 | 1 Reliability | Rail Grade crossings | FALMOUTH SECONDARY - GRADE CROSSING REPAIRS AND IMPROVEMENTS (SURFACE) (FS22040100) | 0 | \$0.17 | \$0.00 | \$0.17 | \$0.00 |
| Framingham Secondary | CP22010200 | 1 Reliability | Rail Track and right-of-way reliability | FRAMINGHAM SECONDARY - ADDITIONAL CONSENT PROPERTIES | 0 | \$1.03 | \$0.00 | \$0.50 | \$0.53 |
| | FR22010100 | 1 Reliability | Rail Track and right-of-way reliability | FRAMINGHAM SECONDARY - TRACK AND RIGHT - OF - WAY (FR22010100) | 0 | \$0.68 | \$0.00 | \$0.68 | \$0.00 |
| | FR22010X00 | 1 Reliability | Rail Track and right-of-way reliability | FRAMINGHAM SECONDARY - SWITCHES AND SPECIAL TRACK WORK (FR22010X00) | 0 | \$0.50 | \$0.00 | \$0.25 | \$0.25 |
| | FR22020000 | 1 Reliability | Rail Bridge reliability | FRAMINGHAM SECONDARY - BRIDGE REPAIRS AND REPLACEMENTS -- GENERAL (FR22020000) | 0 | \$0.01 | \$0.00 | \$0.01 | \$0.00 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|------------------------|-------------|-----------------|---|---|-------|-----------|-----------------|----------|----------------|
| | FR22020625 | 1 Reliability | Rail Bridge reliability | FRAMINGHAM SECONDARY - BRIDGE REPAIRS AND REPLACEMENTS -- CEDAR BROOK SWAMP(BR 6.25) (FR22020625) | 0 | \$0.09 | \$0.00 | \$0.02 | \$0.07 |
| | FR22030000 | 1 Reliability | Rail Track and right-of-way reliability | FRAMINGHAM SECONDARY - CULVERT REPAIRS AND IMPROVEMENTS (FR22030000) | 0 | \$0.65 | \$0.00 | \$0.20 | \$0.45 |
| | FR22040100 | 1 Reliability | Rail Grade crossings | FRAMINGHAM SECONDARY - GRADE CROSSING REPAIRS AND IMPROVEMENTS (SURFACE) (FR22040100) | 0 | \$0.20 | \$0.00 | \$0.20 | \$0.00 |
| | FR22230000 | 1 Reliability | Rail Track and right-of-way reliability | FRAMINGHAM SECONDARY - INSPECTION, MAINTENANCE, REG. COMPLIANCE (FR22230000) | 0 | \$6.15 | \$2.55 | \$0.67 | \$2.92 |
| | FR22240000 | 1 Reliability | Rail Track and right-of-way reliability | FRAMINGHAM SECONDARY - DISPATCHING (FR22240000) | 0 | \$1.00 | \$0.35 | \$0.13 | \$0.52 |
| Middleboro Subdivision | MD22010100 | 1 Reliability | Rail Track and right-of-way reliability | MIDDLEBORO SUBDIVISION - TRACK AND RIGHT - OF - WAY (MD22010100) | 0 | \$0.50 | \$0.00 | \$0.50 | \$0.00 |
| | MD22010X00 | 1 Reliability | Rail Track and right-of-way reliability | MIDDLEBORO SUBDIVISION - SWITCHES AND SPECIAL TRACK WORK (MD22010X00) | 0 | \$0.47 | \$0.00 | \$0.01 | \$0.46 |
| | MD22020684 | 1 Reliability | Rail Bridge reliability | MIDDLEBORO SUBDIVISION - BRIDGE REPAIRS AND REPLACEMENTS -- THREE MILE RIVER (BR 6.84) (MD22020684) | 0 | \$7.70 | \$0.00 | \$5.00 | \$2.70 |
| | MD22040100 | 1 Reliability | Rail Grade crossings | MIDDLEBORO SUBDIVISION - GRADE CROSSING REPAIRS AND IMPROVEMENTS (SURFACE) (MD22040100) | 0 | \$1.98 | \$0.00 | \$1.98 | \$0.00 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|------------------------|-------------|-------------------|---|---|-------|-----------|-----------------|----------|----------------|
| | MD22040200 | 1 Reliability | Rail Grade crossings | MIDDLEBORO SUBDIVISION - GRADE CROSSING REPAIRS AND IMPROVEMENTS (SIGNAL) (MD22040200) | 0 | \$2.54 | \$0.00 | \$2.54 | \$0.00 |
| | MD22230000 | 1 Reliability | Rail Track and right-of-way reliability | MIDDLEBORO SUBDIVISION - INSPECTION, MAINTENANCE, REG. COMPLIANCE (MD22230000) | 0 | \$6.15 | \$2.55 | \$0.67 | \$2.92 |
| | MD22240000 | 1 Reliability | Rail Track and right-of-way reliability | MIDDLEBORO SUBDIVISION - DISPATCHING (MD22240000) | 0 | \$0.77 | \$0.12 | \$0.13 | \$0.52 |
| New Bedford Secondary | NB22010000 | 1 Reliability | Rail Track and right-of-way reliability | NEW BEDFORD SECONDARY - TRACK AND RIGHT-OF-WAY (OTHER) (NB22010000) | 0 | \$0.14 | \$0.06 | \$0.04 | \$0.05 |
| South Dennis Secondary | SD22010000 | 1 Reliability | Rail Track and right-of-way reliability | SOUTH DENNIS SECONDARY - TRACK AND RIGHT - OF - WAY (SD22010000) | 0 | \$0.17 | \$0.00 | \$0.06 | \$0.11 |
| | SD22040100 | 1 Reliability | Rail Grade crossings | SOUTH DENNIS SECONDARY - GRADE CROSSING REPAIRS AND IMPROVEMENTS (SURFACE) (SD22040100) | 0 | \$0.02 | \$0.00 | \$0.01 | \$0.01 |
| Statewide | RL22000003 | 3 Expansion | Rail Track and right-of-way expansion | SPRINGFIELD AREA MASTER PLANNING | 0 | \$2.00 | \$0.00 | \$1.00 | \$1.00 |
| | SW22110000 | 1 Reliability | Rail Track and right-of-way reliability | STATEWIDE - STATEWIDE EMERGENCY REPAIRS (SW22110000) | 0 | \$8.50 | \$3.50 | \$1.00 | \$4.00 |
| | SW22120000 | 2 Modernization | Rail Track and right-of-way modernization | STATEWIDE - NEW ENGLAND CENTRAL RAIL TRACK AND ROW MODERNIZAITON (SW22120000) | 72 | \$26.40 | \$0.00 | \$8.00 | \$18.40 |

Rail

2022 Capital Investment Plan

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|-----------|-------------|-------------------|---|--|-------|-----------|-----------------|----------|----------------|
| STATEWIDE | SW22150000 | 2 Modernization | Rail Industrial rail access program | STATEWIDE - RAIL INDUSTRIAL ACCESS PROGRAM (SW22150000) | 46 | \$27.00 | \$12.00 | \$3.00 | \$12.00 |
| | SW22160100 | 1 Reliability | Rail Grade crossings | STATEWIDE - GRADE CROSSINGS - - FHWA SECTION 130 PROGRAM (FED) (SW22160100) | 82 | \$23.10 | \$13.10 | \$2.00 | \$8.00 |
| | SW22160200 | 1 Reliability | Rail Grade crossings | STATEWIDE - GRADE CROSSINGS - - FHWA SECTION 130 PROGRAM (BOND CAP) (SW22160200) | 0 | \$2.17 | \$1.06 | \$0.22 | \$0.89 |
| | SW22160300 | 1 Reliability | Rail Grade crossings | STATEWIDE - GRADE CROSSINGS - - FHWA SECTION 130 PROGRAM (RR FUNDS) (SW22160300) | 0 | \$1.78 | \$0.92 | \$0.15 | \$0.71 |
| | SW22170100 | 1 Reliability | Rail Track and right-of-way reliability | STATEWIDE - SPRINGFIELD SHUTTLES AND THROUGH TRAINS (PRIIA 209) (SW22170100) | 0 | \$44.65 | \$15.35 | \$5.70 | \$23.60 |
| | SW22170300 | 1 Reliability | Rail Track and right-of-way reliability | STATEWIDE - GREENFIELD TO SPRINGFIELD (PRIIA 209) (SW22170300) | 0 | \$5.95 | \$0.75 | \$1.00 | \$4.20 |
| | SW22210000 | 1 Reliability | Rail Vehicle reliability | STATEWIDE - TRACK SIDE VEHICLES AND EQUIPMENT (SW22210000) | 0 | \$7.28 | \$2.00 | \$1.19 | \$4.09 |
| | SW22220000 | 3 Expansion | Rail Vehicle expansion | STATEWIDE - ACQUIRE AND REHAB MBTA SURPLUS COACHES AND LOCOMOTIVES (SW22220000) | 64 | \$15.00 | \$3.50 | \$1.50 | \$10.00 |
| | SW22300100 | 1 Reliability | Rail Track and right-of-way reliability | STATEWIDE - ENGINEERING AND PLANNING SERVICES - - RAIL DIVISION SUPPORT (SW22300100) | 0 | \$7.38 | \$2.00 | \$1.35 | \$4.03 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|----------------------|-------------|-----------------|---|---|-------|-----------|-----------------|----------|----------------|
| | SW22300300 | 1 Reliability | Rail Track and right-of-way reliability | STATEWIDE - FINANCIAL, PLANNING AND REGULATORY ANALYSIS (SW22300300) | 0 | \$5.08 | \$2.50 | \$0.50 | \$2.08 |
| | SW22300400 | 1 Reliability | Rail Track and right-of-way reliability | STATEWIDE - RAIL ASSET MANAGEMENT / OVERSIGHT SUPPORT AND COORDINATION (SW22300400) | 0 | \$2.49 | \$1.00 | \$0.25 | \$1.24 |
| | SW30050000 | 1 Reliability | Rail Track and right-of-way reliability | STATEWIDE - RAIL PROGRAMS / CONTRACT OVERSIGHT SUPPORT AND COORDINATION (SW30050000) | 0 | \$3.04 | \$1.00 | \$0.25 | \$1.79 |
| | SW30060000 | 3 Expansion | Rail Track and right-of-way expansion | STATEWIDE - ENGINEERING AND PLANNING SERVICES - - RAIL EXPANSION PROJECT DEVELOPMENT SUPPORT (SW30060000) | 0 | \$2.12 | \$0.00 | \$0.15 | \$1.97 |
| Ware River Secondary | WR22010100 | 1 Reliability | Rail Track and right-of-way reliability | WARE RIVER SECONDARY - TRACK AND RIGHT - OF - WAY (WR22010100) | 0 | \$4.20 | \$0.00 | \$0.44 | \$3.76 |
| | WR22021490 | 1 Reliability | Rail Bridge reliability | WARE RIVER SECONDARY - BRIDGE REPAIRS AND REPLACEMENTS -- CATTLE PASS (BR 14.90) (WR22021490) | 0 | \$0.09 | \$0.00 | \$0.03 | \$0.06 |
| | WR22021692 | 1 Reliability | Rail Bridge reliability | WARE RIVER SECONDARY - BRIDGE REPAIRS AND REPLACEMENTS -- WARE RIVER (BR 16.92) (WR22021692) | 0 | \$0.55 | \$0.00 | \$0.05 | \$0.50 |
| | WR22030000 | 1 Reliability | Rail Track and right-of-way reliability | WARE RIVER SECONDARY - CULVERT REPAIRS AND IMPROVEMENTS (WR22030000) | 0 | \$0.50 | \$0.00 | \$0.50 | \$0.00 |
| | WR22040100 | 1 Reliability | Rail Grade crossings | WARE RIVER SECONDARY - GRADE CROSSING REPAIRS AND IMPROVEMENTS (SURFACE) (WR22040100) | 0 | \$0.65 | \$0.00 | \$0.65 | \$0.00 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|----------------|-------------|-----------------|---|--|-------|-----------|-----------------|----------|----------------|
| Watuppa Branch | WR22040200 | 1 Reliability | Rail Grade crossings | WARE RIVER SECONDARY - GRADE CROSSING REPAIRS AND IMPROVEMENTS (SIGNAL) (WR22040200) | 0 | \$0.25 | \$0.00 | \$0.25 | \$0.00 |
| | WB22010100 | 1 Reliability | Rail Track and right-of-way reliability | WATUPPA BRANCH - TRACK AND RIGHT - OF - WAY (WB22010100) | 0 | \$0.55 | \$0.00 | \$0.03 | \$0.53 |
| | WB22020100 | 1 Reliability | Rail Bridge reliability | WATUPPA BRANCH - BRIDGE REPAIRS AND REPLACEMENTS -- GENERAL (WB22020100) | 0 | \$0.02 | \$0.00 | \$0.01 | \$0.01 |
| | WB2203000 | 1 Reliability | Rail Track and right-of-way reliability | WATUPPA BRANCH - CULVERT REPAIRS AND IMPROVEMENTS (WB2203000) | 0 | \$1.46 | \$0.49 | \$0.04 | \$0.93 |
| | WB22040100 | 1 Reliability | Rail Grade crossings | WATUPPA BRANCH - GRADE CROSSING REPAIRS AND IMPROVEMENTS (SURFACE) (WB22040100) | 0 | \$0.76 | \$0.00 | \$0.03 | \$0.73 |

Registry of Motor Vehicles

2022 Capital Investment Plan

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|-----------|-------------|-------------------|---|--|-------|-----------|-----------------|----------|----------------|
| Quincy | RMV0045 | 2 Modernization | RMV Customer service modernization | QUINCY SERVICE CENTER UPGRADES | 1 | \$0.30 | \$0.00 | \$0.30 | \$0.00 |
| | RMV0047 | 1 Reliability | RMV Capital maintenance and equipment | MAIL MANAGEMENT IMPROVEMENTS (HARDWARE & BUSINESS) | 1 | \$0.50 | \$0.00 | \$0.50 | \$0.00 |
| Statewide | RMV0009 | 2 Modernization | RMV Alternative service channels | BRANCH KIOSKS/ALTERNATIVE SERVICE CHANNELS | 1 | \$2.05 | \$0.75 | \$0.25 | \$1.05 |
| | RMV0040 | 2 Modernization | RMV Alternative service channels | FUTURE OF CREDENTIALING | 1 | \$0.50 | \$0.00 | \$0.25 | \$0.25 |
| | RMV008 | 2 Modernization | RMV ATLAS | ATLAS MODERNIZATION | 1 | \$169.30 | \$162.30 | \$7.00 | \$0.00 |
| Worcester | RMV0039 | 2 Modernization | RMV Customer service modernization | WORCESTER SERVICE CENTER UPGRADES | 1 | \$0.50 | \$0.00 | \$0.50 | \$0.00 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|--------------------------------------|-------------|-------------------|---|--|-------|-----------|-----------------|----------|----------------|
| Berkshire Regional Transit Authority | RTD0009488 | 1 Reliability | Transit RTA facility and vehicle maintenance | BRTA - PREVENTIVE MAINTENANCE | 0 | \$0.04 | \$0.00 | \$0.04 | \$0.00 |
| | RTD0009495 | 1 Reliability | Transit RTA vehicle replacement | BRTA - BUY REPLACEMENT <30 FT BUS- (1) | 0 | \$0.02 | \$0.00 | \$0.02 | \$0.00 |
| Brockton Area Transit Authority | RTD0009896 | 2 Modernization | Transit RTA facility and system modernization | BAT - ACQUIRE - MISC SUPPORT EQUIPMENT | 0 | \$0.02 | \$0.00 | \$0.02 | \$0.00 |
| | RTD0009897 | 1 Reliability | Transit RTA vehicle replacement | BAT - ACQUIRE - REPLACEMENT SUPPORT VEHICLE (1) | 0 | \$0.01 | \$0.00 | \$0.01 | \$0.00 |
| | RTD0009900 | 1 Reliability | Transit RTA vehicle replacement | BAT - BUY REPLACEMENT 40-FT BUS (3) | 0 | \$0.30 | \$0.00 | \$0.30 | \$0.00 |
| | RTD0009901 | 1 Reliability | Transit RTA facility and vehicle maintenance | BAT - TERMINAL, INTERMODAL CENTRE - PAVEMENT MANAGEMENT | 0 | \$0.05 | \$0.00 | \$0.05 | \$0.00 |
| | RTD0009907 | 1 Reliability | Transit RTA facility and vehicle maintenance | BAT - BUY ASSOC CAP MAINT ITEMS | 0 | \$0.02 | \$0.00 | \$0.02 | \$0.00 |
| | RTD0009918 | 2 Modernization | Transit RTA facility and system modernization | BAT - ACQUIRE - STATIONARY BUS FARE COLL EQUIP - FIXED ROUTE | 0 | \$0.40 | \$0.00 | \$0.40 | \$0.00 |
| | RTD0010173 | 1 Reliability | Transit RTA facility and vehicle maintenance | BAT - ACQUIRE - SHOP EQUIPMENT LIFTS AND EQUIPMENT | 0 | \$0.08 | \$0.00 | \$0.08 | \$0.00 |

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| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|-------------------------------------|-------------|-------------------|---|---|-------|-----------|-----------------|----------|----------------|
| Cape Ann Transportation Authority | RTD0009502 | 2 Modernization | Transit RTA facility and system modernization | CATA - ACQUIRE SHOP EQUIP/SMALL CAPITAL | 0 | \$0.01 | \$0.00 | \$0.01 | \$0.00 |
| | RTD0009507 | 1 Reliability | Transit RTA facility and vehicle maintenance | CATA - BUY MISC SMALL CAPITAL | 0 | \$0.02 | \$0.00 | \$0.02 | \$0.00 |
| Cape Cod Regional Transit Authority | RTD0009514 | 1 Reliability | Transit RTA facility and vehicle maintenance | CCRTA - PURCHASE BUS SHELTERSPURCHASE BUS SHELTERS | 0 | \$0.02 | \$0.00 | \$0.02 | \$0.00 |
| | RTD0009515 | 2 Modernization | Transit RTA facility and system modernization | CCRTA - ACQUIRE - ADP HARDWARE | 0 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| | RTD0009516 | 2 Modernization | Transit RTA facility and system modernization | DENNIS - ACQUIRE - MISC SUPPORT EQUIPMENT | 0 | \$0.09 | \$0.00 | \$0.09 | \$0.00 |
| | RTD0009521 | 1 Reliability | Transit RTA vehicle replacement | CCRTA - BUY REPLACEMENT 35-FT BUS (3) | 0 | \$0.95 | \$0.00 | \$0.95 | \$0.00 |
| | RTD0009522 | 1 Reliability | Transit RTA vehicle replacement | CCRTA - BUY REPLACEMENT <30 FT BUS/LOW FLOOR CUTAWAYS (3) | 0 | \$0.09 | \$0.00 | \$0.09 | \$0.00 |
| | RTD0009540 | 2 Modernization | Transit RTA facility and system modernization | DENNIS - /REHAB/RENOVATE - MAINTENANCE FACILITY | 0 | \$0.10 | \$0.00 | \$0.10 | \$0.00 |
| | RTD0009541 | 1 Reliability | Transit RTA facility and vehicle maintenance | CCRTA - BUY 30-FT BUS FOR EXPANSION (3) | 0 | \$0.20 | \$0.00 | \$0.20 | \$0.00 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|-------------------------------------|-------------|-------------------|---|--|-------|-----------|-----------------|----------|----------------|
| Franklin Regional Transit Authority | RTD0010116 | 2 Modernization | Transit RTA facility and system modernization | CCRTA -SHORT RANGE TRANSIT PLANNING | 0 | \$0.01 | \$0.00 | \$0.01 | \$0.00 |
| | RTD0010212 | 2 Modernization | Transit RTA facility and system modernization | CCRTA - AUTOMATIC FARE COLLECTION (AFC) 2.0LL EQUIP | 0 | \$0.10 | \$0.00 | \$0.10 | \$0.00 |
| | RTD0009555 | 1 Reliability | Transit RTA facility and vehicle maintenance | FRTA - BUY ASSOC CAP MAINT ITEMS | 0 | \$0.02 | \$0.00 | \$0.02 | \$0.00 |
| | RTD0009557 | 1 Reliability | Transit RTA facility and vehicle maintenance | FRTA - REHAB/RENOVATE - SHOP EQUIPMENT | 0 | \$0.01 | \$0.00 | \$0.01 | \$0.00 |
| | RTD0009561 | 1 Reliability | Transit RTA vehicle replacement | FRTA - BUY REPLACEMENT 30-FT BUS (1) | 0 | \$0.45 | \$0.00 | \$0.45 | \$0.00 |
| | RTD0009562 | 2 Modernization | Transit RTA facility and system modernization | FRTA - ACQUIRE - MISC SUPPORT EQUIPMENT - APC & FAREBOX INTEGRATION | 0 | \$0.12 | \$0.00 | \$0.12 | \$0.00 |
| | RTD0009566 | 1 Reliability | Transit RTA vehicle replacement | FRTA - BUY REPLACEMENT 35-FT BUS (1) | 0 | \$0.48 | \$0.00 | \$0.48 | \$0.00 |
| | RTD0010176 | 2 Modernization | Transit RTA replacement facilities | FRTA - OTHER 3RD PARTYCONTRACTUAL SERVICES - MAINTENANCE FACILITY ACQUISITION MITIGATION | 0 | \$0.50 | \$0.00 | \$0.50 | \$0.00 |
| | RTD0010177 | 2 Modernization | Transit RTA replacement facilities | GREENFIELD - REAL ESTATE ACQUISITION - MAINTENANCE FACILITY | 0 | \$0.13 | \$0.00 | \$0.13 | \$0.00 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|--|-------------|-------------------|---|--|-------|-----------|-----------------|----------|----------------|
| Greater Attleboro-Taunton Regional Transit Authority | RTD0010179 | 2 Modernization | Transit RTA replacement facilities | GREENFIELD - ENG/DESIGN - MAINT FACILITY | 0 | \$0.30 | \$0.00 | \$0.30 | \$0.00 |
| | RTD0010183 | 2 Modernization | Transit RTA replacement facilities | GREENFIELD - OTHER 3RD PARTYCONTRACTUAL SERVICES - MAINTENANCE FACILITY ACQUISITION MITIGATION | 0 | \$3.00 | \$0.00 | \$3.00 | \$0.00 |
| | RTD0010185 | 2 Modernization | Transit RTA facility and system modernization | FRTA - PURCHASE COMMUNICATIONS SYSTEM | 0 | \$0.03 | \$0.00 | \$0.03 | \$0.00 |
| | RTD0009571 | 2 Modernization | Transit RTA facility and system modernization | GATRA - MISCELLANEOUS SUPPORT EQUIPMENT | 0 | \$0.02 | \$0.00 | \$0.02 | \$0.00 |
| | RTD0010205 | 2 Modernization | Transit RTA facility and system modernization | GATRA - PURCHASE AVL SYSTEM | 0 | \$0.10 | \$0.00 | \$0.10 | \$0.00 |
| Lowell Regional Transit Authority | RTD0009607 | 1 Reliability | Transit RTA facility and vehicle maintenance | LRTA - PURCHASE CAPITAL SPARE PARTS | 0 | \$0.03 | \$0.00 | \$0.03 | \$0.00 |
| | RTD0009614 | 1 Reliability | Transit RTA facility and vehicle maintenance | LRTA - TERMINAL & BUILDING EQUIPMENT AND MAINTENANCE | 0 | \$0.04 | \$0.00 | \$0.04 | \$0.00 |
| | RTD0009615 | 1 Reliability | Transit RTA vehicle replacement | LRTA - REVENUE VEHICLE REPLACEMENT - CUTAWAYS (4) (5339B) | 0 | \$0.18 | \$0.00 | \$0.18 | \$0.00 |
| | RTD0009622 | 1 Reliability | Transit RTA facility and vehicle maintenance | LRTA - IT EQUIPMENT & MAINTENANCE | 0 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|-------------------------------------|-------------|-------------------|---|---|-------|-----------|-----------------|----------|----------------|
| Martha's Vineyard Transit Authority | RTD0009623 | 1 Reliability | Transit RTA facility and vehicle maintenance | LRTA - EQUIPMENT REPLACEMENT - FIXED ROUTE LIFTS (5) (5339B) | 0 | \$0.06 | \$0.00 | \$0.06 | \$0.00 |
| | RTD0010108 | 2 Modernization | Transit RTA facility and system modernization | LRTA - PURCHASE AUTOMATED PASSENGER COUNTERS (50) | 0 | \$0.06 | \$0.00 | \$0.06 | \$0.00 |
| | RTD0010119 | 1 Reliability | Transit RTA vehicle replacement | LRTA - NON-REVENUE VEHICLE REPLACEMENT - SERVICE TRUCK/PLOW (1) | 0 | \$0.01 | \$0.00 | \$0.01 | \$0.00 |
| | RTD0006398 | 2 Modernization | Transit RTA facility and system modernization | VTA TECHNICAL ASSISTANCE | 0 | \$0.10 | \$0.00 | \$0.10 | \$0.00 |
| | RTD0009632 | 2 Modernization | Transit RTA facility and system modernization | VTA - ACQUIRE - MISC SUPPORT EQUIPMENT | 0 | \$0.49 | \$0.00 | \$0.49 | \$0.00 |
| | RTD0009633 | 2 Modernization | Transit RTA facility and system modernization | VTA - CONSTRUCT - BUS PASSENGER SHELTERS | 0 | \$0.05 | \$0.00 | \$0.05 | \$0.00 |
| | RTD0009634 | 2 Modernization | Transit RTA facility and system modernization | VTA - ACQUIRE - BUS ROUTE SIGNING | 0 | \$0.02 | \$0.00 | \$0.02 | \$0.00 |
| | RTD0009635 | 1 Reliability | Transit RTA facility and vehicle maintenance | VTA - REHAB/REBUILD - CAPITOL BUS | 0 | \$0.05 | \$0.00 | \$0.05 | \$0.00 |
| | RTD0009636 | 2 Modernization | Transit RTA replacement facilities | VTA - REHAB/RENOVATE - ADMIN/MAINT FACILITY | 0 | \$0.04 | \$0.00 | \$0.04 | \$0.00 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|----------|-------------|-------------------|---|--|-------|-----------|-----------------|----------|----------------|
| | RTD0009637 | 2 Modernization | Transit RTA facility and system modernization | VTA - CONSTRUCT - BUS PASSENGER SHELTERS | 0 | \$0.05 | \$0.00 | \$0.05 | \$0.00 |
| | RTD0009646 | 1 Reliability | Transit RTA vehicle replacement | VTA - BUY REPLACEMENT VAN (2) | 0 | \$0.16 | \$0.00 | \$0.16 | \$0.00 |
| | RTD0009649 | 1 Reliability | Transit RTA vehicle replacement | VTA - BUY REPLACEMENT 35-FT BUS (1) | 0 | \$0.80 | \$0.00 | \$0.80 | \$0.00 |
| | RTD0010178 | 1 Reliability | Transit RTA facility and vehicle maintenance | VTA REHAB/RENOVATE BUS STATIONS | 0 | \$0.05 | \$0.00 | \$0.05 | \$0.00 |
| | RTD0010191 | 1 Reliability | Transit RTA facility and vehicle maintenance | VTA REHAB/RENOVATE BUS SUPPORT FACIL/EQUIP | 0 | \$0.04 | \$0.00 | \$0.04 | \$0.00 |
| | RTD0010227 | 2 Modernization | Transit RTA facility and system modernization | VTA REHAB/RENOVATE BUS SUPPORT FACIL/EQUIP | 0 | \$0.17 | \$0.00 | \$0.17 | \$0.00 |
| MassDOT | RTD0010024 | 1 Reliability | Transit Technical assistance | MASSDOT - STATEWIDE -RTA TECHNICAL ASSISTANCE | 0 | \$2.00 | \$0.00 | \$2.00 | \$0.00 |
| | RTD0010026 | 1 Reliability | Transit RTA vehicle replacement | MASSDOT - STATEWIDE - BUS AND BUS FACILITIES | 0 | \$3.50 | \$0.00 | \$3.50 | \$0.00 |
| | RTD0010027 | 1 Reliability | Transit Mobility assistance program | MASSDOT - STATEWIDE -MOBILITY ASSISTANCE PROGRAM | 0 | \$10.04 | \$0.00 | \$10.04 | \$0.00 |

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| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|---|-------------|-------------------|---|--|-------|-----------|-----------------|----------|----------------|
| Merrimack Valley Regional Transit Authority | RTD0010032 | 2 Modernization | Transit RTA facility and system modernization | MASSDOT - STATEWIDE -RTA FACILITY AND SYSTEM MODERNIZATION | 0 | \$7.00 | \$0.00 | \$7.00 | \$0.00 |
| | RTD0010033 | 2 Modernization | Transit RTA facility and system modernization | MASSDOT - STATEWIDE - RTA PLANNING ASSISTANCE | 0 | \$3.00 | \$0.00 | \$3.00 | \$0.00 |
| | RTD0009673 | 1 Reliability | Transit RTA vehicle replacement | MVRTA - REPLACE 9 MODEL YR 2009 35' BUSES DELIVERY 2022 | 0 | \$1.19 | \$0.00 | \$1.19 | \$0.00 |
| | RTD0009680 | 1 Reliability | Transit RTA vehicle replacement | MVRTA - REPLACE 1 MODEL YEAR 2016 SUPERVISORY VEHICLE | 0 | \$0.01 | \$0.00 | \$0.01 | \$0.00 |
| | RTD0010053 | 1 Reliability | Transit RTA facility and vehicle maintenance | MVRTA - HQ FACILITY REPAIRS | 0 | \$0.14 | \$0.00 | \$0.14 | \$0.00 |
| | RTD0010061 | 2 Modernization | Transit RTA facility and system modernization | MVRTA - ACQUIRE BUS PLUS PAYMENT SOFTWARE | 0 | \$0.04 | \$0.00 | \$0.04 | \$0.00 |
| MetroWest Regional Transit Authority | RTD0010107 | 1 Reliability | Transit RTA facility and vehicle maintenance | MVRTA - RIVERBANK STABILIZATION CONSTRUCTION | 0 | \$0.51 | \$0.00 | \$0.51 | \$0.00 |
| | RTD0009269 | 1 Reliability | Transit RTA vehicle replacement | MWRTA - REVENUE VEHICLE REPLACEMENT | 0 | \$0.02 | \$0.00 | \$0.02 | \$0.00 |
| | RTD0009271 | 2 Modernization | Transit RTA replacement facilities | MWRTA - FEB - FRONT ENTRANCE BLANDIN - PROJECT | 0 | \$0.72 | \$0.00 | \$0.72 | \$0.00 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|---|-------------|-------------------|---|--|-------|-----------|-----------------|----------|----------------|
| | RTD0010003 | 1 Reliability | Transit RTA facility and vehicle maintenance | MWRTA - TERMINAL, INTERMODAL (TRANSIT) - BLANDIN | 0 | \$0.12 | \$0.00 | \$0.12 | \$0.00 |
| | RTD0010004 | 1 Reliability | Transit RTA facility and vehicle maintenance | MWRTA - TECHNOLOGY SUPPORT/CAPITAL OUTREACH | 0 | \$0.02 | \$0.00 | \$0.02 | \$0.00 |
| | RTD0010015 | 1 Reliability | Transit RTA facility and vehicle maintenance | MWRTA - TERMINAL, INTERMODAL (TRANSIT) - FRAMINGHAM COMMUTER RAIL STATION (FCRS) | 0 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| | RTD0010155 | 2 Modernization | Transit RTA facility and system modernization | MWRTA - 2022 AFC TRANSITION - ACQUIRE - MOBILE FARE COLL EQUIP | 0 | \$0.08 | \$0.00 | \$0.08 | \$0.00 |
| | RTD0010209 | 1 Reliability | Transit RTA facility and vehicle maintenance | MWRTA - ACQUISITION OF BUS SUPPORT EQUIP/FACILITIES | 0 | \$0.02 | \$0.00 | \$0.02 | \$0.00 |
| Montachusett Regional Transit Authority | RTD0009931 | 1 Reliability | Transit RTA facility and vehicle maintenance | MART- ACQUIRE BUS SHELTERS | 0 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| | RTD0009932 | 1 Reliability | Transit RTA vehicle replacement | MART-REVENUE VEHICLE REPLACEMENTS: CUTAWAYS (5) | 0 | \$0.07 | \$0.00 | \$0.07 | \$0.00 |
| | RTD0009933 | 2 Modernization | Transit RTA facility and system modernization | MART-UPGRADE IT SUPPORT EQUIPMENT | 0 | \$0.02 | \$0.00 | \$0.02 | \$0.00 |
| | RTD0009934 | 2 Modernization | Transit RTA facility and system modernization | LEOMINSTER-REHAB ADMIN/STORAGE FACILITY | 0 | \$0.05 | \$0.00 | \$0.05 | \$0.00 |

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| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|-------------------|-------------|-------------------|---|--|-------|-----------|-----------------|----------|----------------|
| Dorchester County | RTD0009942 | 2 Modernization | Transit RTA facility and system modernization | ATHOL-REHAB HISTORIC TRANSIT DEPOT | 0 | \$0.06 | \$0.00 | \$0.06 | \$0.00 |
| | RTD0009949 | 1 Reliability | Transit RTA facility and vehicle maintenance | FITCHBURG-REHAB INTERMODAL CENTER | 0 | \$0.15 | \$0.00 | \$0.15 | \$0.00 |
| | RTD0009963 | 2 Modernization | Transit RTA fleet upgrades | MART-REVENUE VEHICLE REPLACEMENTS: SIZE D LOW-FLOOR CUTAWAYS (2) | 0 | \$0.05 | \$0.00 | \$0.05 | \$0.00 |
| | RTD0010079 | 1 Reliability | Transit RTA facility and vehicle maintenance | FITCHBURG-REHAB MAINTENANCE BAYS - WATER ST | 0 | \$0.02 | \$0.00 | \$0.02 | \$0.00 |
| | RTD0010080 | 1 Reliability | Transit RTA facility and vehicle maintenance | MART-ACQUIRE SPARE SEWER PUMPS | 0 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| | RTD0010081 | 1 Reliability | Transit RTA facility and vehicle maintenance | MART-FLEET MAINTENANCE-5 ALLISON B400R TRANSMISSIONS | 0 | \$0.01 | \$0.00 | \$0.01 | \$0.00 |
| | RTD0010082 | 1 Reliability | Transit RTA facility and vehicle maintenance | MART-FLEET MAINTENANCE-5 FORD TRANSMISSIONS | 0 | \$0.01 | \$0.00 | \$0.01 | \$0.00 |
| | RTD0010087 | 2 Modernization | Transit RTA facility and system modernization | FITCHBURG-KEYS AND ACCESS CONTROL - WATER ST | 0 | \$0.01 | \$0.00 | \$0.01 | \$0.00 |
| | RTD0010088 | 1 Reliability | Transit RTA facility and vehicle maintenance | MART-FLEET MAINTENANCE-REHAB 2013 BUSES (2) | 0 | \$0.06 | \$0.00 | \$0.06 | \$0.00 |
| | | | | | | | | | |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|--------------------------------------|-------------|-------------------|---|---|-------|-----------|-----------------|----------|----------------|
| Nantucket Regional Transit Authority | RTD0010092 | 2 Modernization | Transit RTA facility and system modernization | MART-A&E SURVEYS & DESIGN | 0 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| | RTD0010093 | 1 Reliability | Transit RTA facility and vehicle maintenance | FITCHBURG-REHAB INTERMODAL CENTER | 0 | \$0.03 | \$0.00 | \$0.03 | \$0.00 |
| | RTD0009696 | 1 Reliability | Transit RTA vehicle replacement | NRTA -BUY REPLACEMENT <30 FT BUS | 0 | \$0.90 | \$0.00 | \$0.90 | \$0.00 |
| | RTD0009697 | 2 Modernization | Transit RTA facility and system modernization | NRTA -TRAVELER INFORMATION | 0 | \$0.07 | \$0.00 | \$0.07 | \$0.00 |
| | RTD0009698 | 1 Reliability | Transit RTA facility and vehicle maintenance | NRTA -CONSTRUCT SIGNAGE | 0 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| | RTD0009699 | 1 Reliability | Transit RTA facility and vehicle maintenance | NRTA -PREVENTIVE MAINTENANCE | 0 | \$0.08 | \$0.00 | \$0.08 | \$0.00 |
| | RTD0009707 | 1 Reliability | Transit RTA facility and vehicle maintenance | NRTA -CONSTRUCT - SHOP EQUIPMENT | 0 | \$0.03 | \$0.00 | \$0.03 | \$0.00 |
| | RTD0009710 | 2 Modernization | Transit RTA facility and system modernization | NRTA -REHAB/RENOVATE - MOBILE FARE COLL EQUIP | 0 | \$0.02 | \$0.00 | \$0.02 | \$0.00 |
| | RTD0010156 | 2 Modernization | Transit RTA facility and system modernization | NRTA -TRAVELER INFORMATION | 0 | \$0.05 | \$0.00 | \$0.05 | \$0.00 |

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2022 Capital Investment Plan

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|----------------------------------|-------------|-------------------|---|--|-------|-----------|-----------------|----------|----------------|
| Pioneer Valley Transit Authority | RTD0010157 | 2 Modernization | Transit RTA facility and system modernization | NRTA -TRAVELER INFORMATION | 0 | \$0.05 | \$0.00 | \$0.05 | \$0.00 |
| | RTD0008751 | 1 Reliability | Transit RTA facility and vehicle maintenance | PVTA - BIKE ACCESS FOR SHELTERS AND BUSES | 0 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| | RTD0009826 | 1 Reliability | Transit RTA vehicle replacement | PVTA - PURCHASE 40' REPLACEMENT BUSES (6) | 0 | \$0.91 | \$0.00 | \$0.91 | \$0.00 |
| | RTD0009827 | 1 Reliability | Transit RTA vehicle replacement | PVTA - REPLACE 35' BUSES (6) | 0 | \$0.13 | \$0.00 | \$0.13 | \$0.00 |
| | RTD0009828 | 1 Reliability | Transit RTA vehicle replacement | PVTA - REPLACE SUPERVISORY VEHICLES (2) | 0 | \$0.01 | \$0.00 | \$0.01 | \$0.00 |
| | RTD0009829 | 1 Reliability | Transit RTA facility and vehicle maintenance | PVTA - ENVIRONMENTAL COMPLIANCE | 0 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| | RTD0009830 | 2 Modernization | Transit RTA facility and system modernization | PVTA - PURCHASE SHELTERS AND SHELTER ACCESSORIES | 0 | \$0.01 | \$0.00 | \$0.01 | \$0.00 |
| | RTD0009831 | 1 Reliability | Transit RTA facility and vehicle maintenance | PVTA - SIGNAGE & LIGHTING | 0 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| | RTD0009832 | 2 Modernization | Transit RTA facility and system modernization | PVTA - INFORMATION TECHNOLOGY SYSTEMS | 0 | \$1.21 | \$0.00 | \$1.21 | \$0.00 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|----------|-------------|-------------------|---|---|-------|-----------|-----------------|----------|----------------|
| | RTD0009848 | 1 Reliability | Transit RTA facility and vehicle maintenance | PVTA - PURCHASE SHOP EQUIPMENT | 0 | \$0.02 | \$0.00 | \$0.02 | \$0.00 |
| | RTD0009864 | 1 Reliability | Transit RTA facility and vehicle maintenance | PVTA - MAIN STREET PARATRANSIT O&M FACILITY - YR 4 - REPLACE GENERATOR W- ELECTRICAL UPGRADES | 0 | \$0.06 | \$0.00 | \$0.06 | \$0.00 |
| | RTD0009865 | 1 Reliability | Transit RTA vehicle replacement | PVTA - PURCHASE REPLACEMENT SUPPORT VEHICLES (2) | 0 | \$0.01 | \$0.00 | \$0.01 | \$0.00 |
| | RTD0009866 | 1 Reliability | Transit RTA vehicle replacement | PVTA - BUY REPLACEMENT 40-FT BUS - ELECTRIC (4) (VW MITIGATION) | 0 | \$3.83 | \$0.00 | \$3.83 | \$0.00 |
| | RTD0009867 | 1 Reliability | Transit RTA vehicle replacement | PVTA - BUY REPLACEMENT 35-FT BUS - ELECTRIC (4) (VW MITIGATION) | 0 | \$3.67 | \$0.00 | \$3.67 | \$0.00 |
| | RTD0009868 | 2 Modernization | Transit RTA fleet upgrades | PVTA - REHAB-REBUILD 40-FT BUS (6) | 0 | \$0.32 | \$0.00 | \$0.32 | \$0.00 |
| | RTD0009869 | 2 Modernization | Transit RTA fleet upgrades | PVTA - REHAB-REBUILD 35-FT BUS (4) | 0 | \$0.17 | \$0.00 | \$0.17 | \$0.00 |
| | RTD0009870 | 2 Modernization | Transit RTA facility and system modernization | PVTA - ENGINEERING & DESIGN COTTAGE ST AT ROBBINS ROAD | 0 | \$0.01 | \$0.00 | \$0.01 | \$0.00 |
| | RTD0010229 | 2 Modernization | Transit RTA facility and system modernization | PVTA - PREVENTIVE MAINTENANCE - PVTA FACILITIES STATE OF GOOD REPAIR | 0 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|---|-------------|-------------------|---|--|-------|-----------|-----------------|----------|----------------|
| | RTD0010230 | 2 Modernization | Transit RTA facility and system modernization | PVTA - REHAB-RENOVATE - SHOP EQUIPMENT - REPLACE FLUID PUMPS DISPENSER SYSTEM | 0 | \$0.02 | \$0.00 | \$0.02 | \$0.00 |
| | RTD0010231 | 2 Modernization | Transit RTA facility and system modernization | PVTA - REHAB-RENOVATE - YARDS AND SHOPS - INSTALL NEW EXTERIOR LIGHTING AT NORTHAMPTON BUS MAINTENANCE FACILITY | 0 | \$0.02 | \$0.00 | \$0.02 | \$0.00 |
| | RTD0010232 | 2 Modernization | Transit RTA facility and system modernization | PVTA - REHAB-RENOVATE - STORAGE FACILITY - UMASS BUS O&M FACILITY NEW LIGHTING IN SERVICE AND STORAGE | 0 | \$0.02 | \$0.00 | \$0.02 | \$0.00 |
| | RTD0010233 | 2 Modernization | Transit RTA facility and system modernization | PVTA - REHAB-RENOVATE - MAINTENANCE FACILITY - NORTHAMPTON BUS MAINTENANCE FACILITY GENERATOR REPLACE | 0 | \$0.07 | \$0.00 | \$0.07 | \$0.00 |
| | RTD0010234 | 2 Modernization | Transit RTA facility and system modernization | PVTA - REHAB-RENOVATE - MAINTENANCE FACILITY UMASS O&M FACILITY GENERATOR REPLACEMENTCEMENT | 0 | \$0.08 | \$0.00 | \$0.08 | \$0.00 |
| | RTD0010235 | 2 Modernization | Transit RTA facility and system modernization | PVTA - REHAB-RENOVATE - ADMINISTRATIVE FACILITY - CARPET REPLACEMENT - FLOOR REPAIRS AT THE ADMIN-MAIN STREET BUILDING | 0 | \$0.01 | \$0.00 | \$0.01 | \$0.00 |
| Southeastern Regional Transit Authority | RTD0009720 | 1 Reliability | Transit RTA vehicle replacement | SRTA - BUY REPLACEMENT VAN | 0 | \$0.01 | \$0.00 | \$0.01 | \$0.00 |
| | RTD0009724 | 2 Modernization | Transit RTA facility and system modernization | SRTA - ACQUIRE - TRANSIT ENHANCEMENTS | 0 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| | RTD0009725 | 1 Reliability | Transit RTA vehicle replacement | SRTA - ACQUIRE - OPS/MAINT SUPPORT VEHICLES (1) | 0 | \$0.01 | \$0.00 | \$0.01 | \$0.00 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|--------------------------------------|-------------|-------------------|---|---|-------|-----------|-----------------|----------|----------------|
| | RTD0009736 | 1 Reliability | Transit RTA facility and vehicle maintenance | SRTA - LEASE ASSOC CAP MAINT ITEMS (TIRE LEASE) | 0 | \$0.02 | \$0.00 | \$0.02 | \$0.00 |
| | RTD0009750 | 1 Reliability | Transit RTA facility and vehicle maintenance | SRTA - ACQUIRE - MISC OPS/MAINT SUPPORT EQUIPMENT | 0 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| | RTD0009751 | 1 Reliability | Transit RTA facility and vehicle maintenance | SRTA - ENGINEERING & DESIGN - BUS SUPPORT EQUIP/FACIL | 0 | \$0.01 | \$0.00 | \$0.01 | \$0.00 |
| | RTD0009752 | 1 Reliability | Transit RTA facility and vehicle maintenance | SRTA - REHAB/RENOVATE BUS SUPPORT FACIL/EQUIP - ROTATING SMALL URBAN 5339 | 0 | \$0.08 | \$0.00 | \$0.08 | \$0.00 |
| | RTD0009753 | 1 Reliability | Transit RTA vehicle replacement | SRTA - BUY REPLACEMENT 35-FT BUS (3) STATEWIDE 5339 | 0 | \$0.30 | \$0.00 | \$0.30 | \$0.00 |
| | RTD0009771 | 2 Modernization | Transit RTA facility and system modernization | SRTA - ACQUIRE - ADP HARDWARE / SOFTWARE (ITS) | 0 | \$0.05 | \$0.00 | \$0.05 | \$0.00 |
| | RTD0010123 | 1 Reliability | Transit RTA facility and vehicle maintenance | SRTA - REHAB/RENOVATE BUS SUPPORT FACIL/EQUIP | 0 | \$0.03 | \$0.00 | \$0.03 | \$0.00 |
| Worcester Regional Transit Authority | RTD0009772 | 2 Modernization | Transit RTA facility and system modernization | WRTA - PURCHASE SUPPORT EQUIPMENT FOR FIXED ROUTE AND DEMAND RESPONSE | 0 | \$0.04 | \$0.00 | \$0.04 | \$0.00 |
| | RTD0009774 | 1 Reliability | Transit RTA vehicle replacement | WRTA - BUY REPLACEMENT SUPPORT VEHICLES - 2 | 0 | \$0.03 | \$0.00 | \$0.03 | \$0.00 |

| Location | Division ID | Priority | Program | Project Description | Score | Total \$M | Prior Years \$M | 2022 \$M | After 2022 \$M |
|----------|-------------|-------------------|---|---|-------|-----------|-----------------|----------|----------------|
| | RTD0009776 | 1 Reliability | Transit RTA facility and vehicle maintenance | WRTA - PURCHASE SPARE PARTS FOR REVENUE ROLLING STOCK | 0 | \$0.12 | \$0.00 | \$0.12 | \$0.00 |
| | RTD0009777 | 2 Modernization | Transit RTA facility and system modernization | WRTA - PURCHASE COMPUTER HARDWARE EQUIPMENT | 0 | \$0.07 | \$0.00 | \$0.07 | \$0.00 |
| | RTD0009778 | 2 Modernization | Transit RTA facility and system modernization | WRTA - PURCHASE SOFTWARE TO SUPPORT OPERATIONS | 0 | \$0.06 | \$0.00 | \$0.06 | \$0.00 |
| | RTD0009779 | 2 Modernization | Transit RTA facility and system modernization | WORCESTER - PURCHASE FIXED ROUTE BUS SHELTERS | 0 | \$0.02 | \$0.00 | \$0.02 | \$0.00 |
| | RTD0009780 | 2 Modernization | Transit RTA facility and system modernization | WRTA - PURCHASE BUS STOP AND ELECTRONIC SIGNAGE FOR FIXED ROUTE | 0 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| | RTD0009781 | 2 Modernization | Transit RTA facility and system modernization | WORCESTER - RENOVATIONS AND MAINTENANCE TO WRTA HUB | 0 | \$0.01 | \$0.00 | \$0.01 | \$0.00 |
| | RTD0009823 | 1 Reliability | Transit RTA facility and vehicle maintenance | WORCESTER - RENOVATIONS AND MAINTENANCE TO WRTA MAINTENANCE AND OPERATIONS FACILITY | 0 | \$0.01 | \$0.00 | \$0.01 | \$0.00 |

Appendix B: Investment Programs

This section provides a list of all investment programs contained within this CIP. Each investment program includes a description, details about any relevant performance tracking that informs program size and need, and proposed program spending.

Reliability: Aeronautics Division

Airport Capital Improvement Program

This program includes a full range of airport state of good repair projects. Projects may include tree clearing, obstruction removal, sustainable equipment purchases, herbicide treatment, yearly operating plans, vegetation management plans, Airport security camera installation & replacement, security & wildlife hazard fencing and gates, navigation aids, fuel farms, hangars, system planning studies.

Program Plan & Guidance

FAA Airport Improvement Handbook (FAA Advisory Circular 5100.38)

Project Selection

Compliance with FAA airfield compliance standards and FAA National Priority Rating (NPR) System

Performance Measure

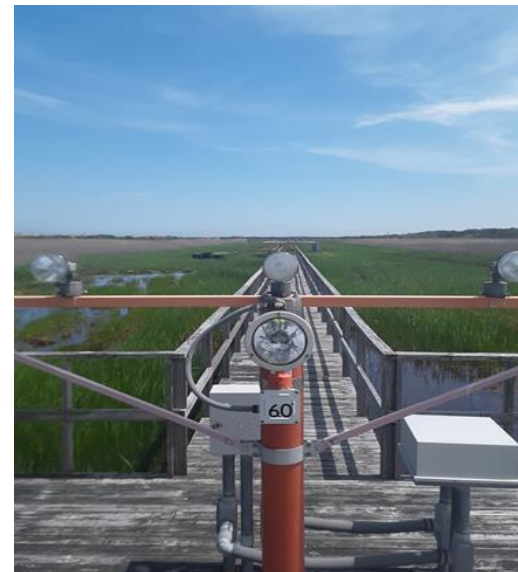
Annual safety inspections on airport conditions

SFY 2022 Projected Spend

\$20.4 million



Chatham FAA-owned Airfield Signage



Provincetown Approach Lighting System

Reliability: Aeronautics Division

Airport Pavement Program

This program addresses the quality of all pavement “inside the airport fence” to achieve long term pavement condition goals and is necessary to continue safety and maintenance programs at public airports and is required to help keep our airports in compliance with the FAA grant requirements.

Program Plan & Guidance

FAA Airport Improvement Program Handbook *Table G-2) and MassDOT Airport Pavement System (APMS) Study

Project Selection

Compliance with FAA airfield compliance standards and FAA National Priority Rating (NPR) System

Performance Measure

Pavement Condition Index (PCI) and FAA Standards

SFY 2022 Projected Spend

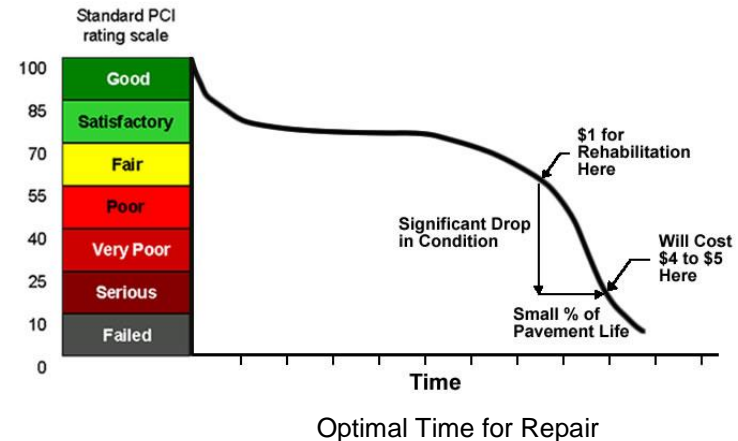
\$27.0 million



Statewide deck sealing & Airfield Marking Projects



Fitchburg Municipal Airport Runway 14-32 & Taxiway 'A' Reconstruction



Reliability: Highway Division

Bridge Program

This program maintains, reconstructs, and replaces state and municipally-owned bridges across the Commonwealth.

Program Plan & Guidance

MassDOT Transportation Asset Management Plan

Project Selection

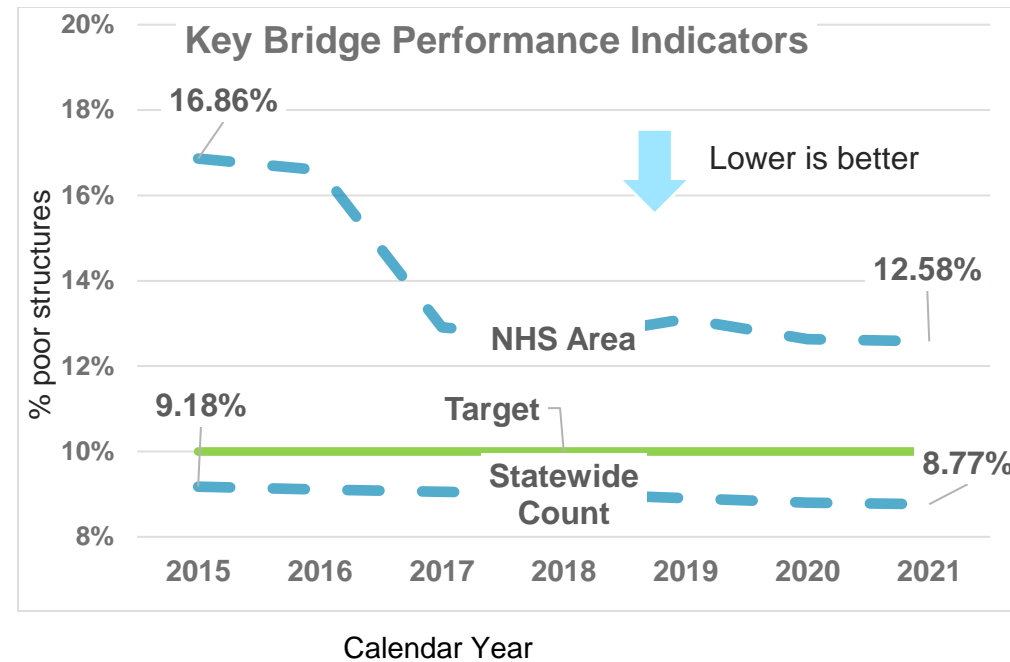
Selected through Bridge Prioritization System

Performance Measure

Bridge condition by count and bridge condition by NHS area

SFY 2022 Projected Spend

\$452.6 million



Reliability: Highway Division

Chapter 90 Program

Chapter 90 funds are for local capital improvement such as highway construction, preservation and improvement projects. These projects create or extend the life of capital facilities.

Program Plan & Guidance

Chapter 90 legislation & policies

Project Selection

Municipalities propose projects; MassDOT confirms eligibility

Performance Measure

N/A

SFY 2022 Projected Spend

\$200.0 million



iBerkshires.com 2019

| Fiscal Year | Apportionment | Spent* |
|-------------|---------------|----------|
| FY17 | \$200M | \$200.0M |
| FY18 | \$200M | \$196.5M |
| FY19 | \$240M | \$211.4M |
| FY20 | \$220M | \$213.0M |
| FY21 | \$200M | \$146.9M |

*As of 5/1/21

Reliability: Highway Division

Equipment Program

The Highway Equipment program make annual purchases of replacement vehicles, heavy equipment, telecommunications equipment and various other highway capital assets. The program is essential to conducting highway operations throughout the Commonwealth.

Program Plan & Guidance

N/A

Project Selection

Prioritized based on operational needs and fleet life cycle

Performance Measure

N/A

SFY 2022 Projected Spend

\$28.0 million



MassDOT 10-wheel dump truck equipped for snow & ice with tow plow

Reliability: Highway Division

Facilities Program

The Highway Facility Improvement program provides for the design and execution of facility repair and replacement projects including but not limited to office buildings, maintenance operations buildings, garages, and salt sheds.

Program Plan & Guidance

N/A

Project Selection

Projects drawn from District and Headquarters' (HQ) priorities

Performance Measure

N/A

SFY 2022 Projected Spend

\$27.5 million



MassDOT Research & Materials Lab in Hopkinton, MA

Reliability: Highway Division

Interstate Pavement Program

This program maintains the Interstate Highway system, a central network for MA & New England mobility and commerce, through projects which preserve or rehabilitate pavement and invest in ancillary corridor systems (i.e. Safety, Bridge, Drainage, Bridge, Intelligent Transportation Systems)

Program Plan & Guidance

MassDOT Transportation Asset Management Plan (TAMP)

Project Selection

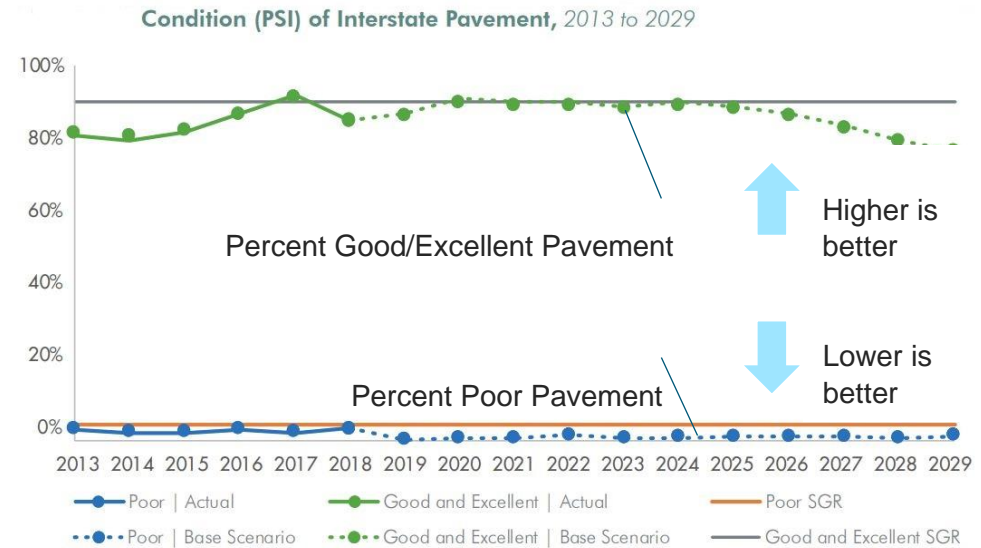
Projects prioritized through pavement management system

Performance Measure

State Pavement Serviceability Index (PSI) – State & Federal Pavement Condition Measure

SFY 2022 Projected Spend

\$95.9 million



Reliability: Highway Division

Non-Interstate Pavement Program

Investments maintain MassDOT-owned non-interstate roadways. Program includes projects on freeways (e.g. Route 24) and local roadways owned by the state. In addition to addressing pavement conditions, these projects also incorporate bicycle and pedestrian where practicable

Program Plan & Guidance

MassDOT Transportation Asset Management Plan (TAMP)

Project Selection

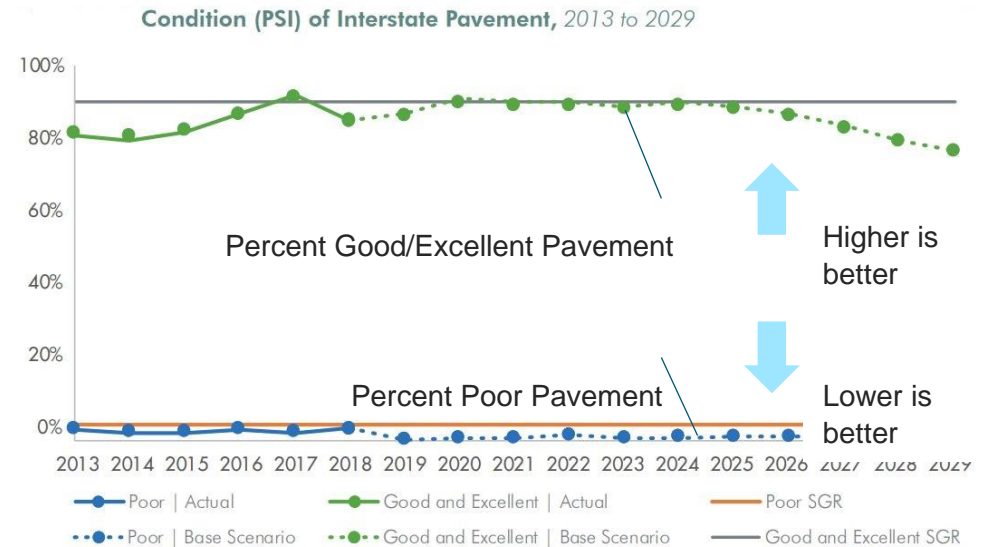
Projects prioritized through pavement management system

Performance Measure

State Pavement Serviceability Index (PSI) – State & Federal Pavement Condition Measure

SFY 2022 Projected Spend

\$134.2 million



Reliability: Highway Division

Roadway Improvements Program

This program supports general state-of-good repair of MassDOT-owned roadways through drainage, fencing, guardrail, and sidewalk repair projects, vegetative management projects, and also includes federally-funded storm water retrofit projects which improve sustainability and resiliency of state-owned drainage systems.

Program Plan & Guidance

N/A

Project Selection

Projects drawn from District and HQ priorities

Performance Measure

N/A

SFY 2022 Projected Spend

\$31.2 million



Reliability: Highway Division

Municipal Pavement Program - *new*

A focused program on the preservation of the State Numbered System to support the long-term condition of this important network, contribute to NHS pavement performance, and assist municipalities in the management of local infrastructure.

Program Plan & Guidance

MassDOT Transportation Asset Management Plan (TAMP)

Project Selection

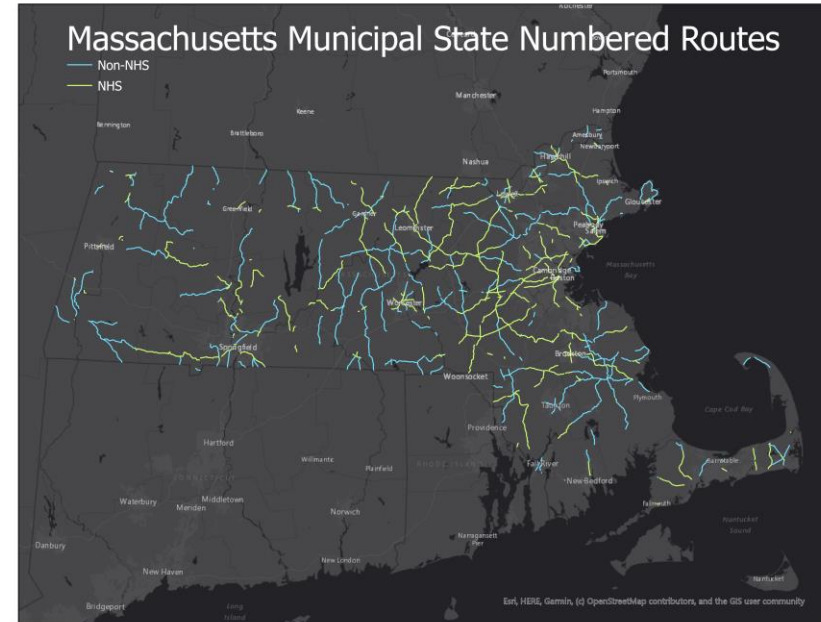
Projects drawn from District and HQ priorities

Performance Measure

State Pavement Serviceability Index (PSI) – State & Federal Pavement Condition Measure

SFY 2022 Projected Spend

\$15.0 million



Reliability: Highway Division

Municipal Small Bridge Program

This program provides financial support to cities and towns for replacement, preservation, and rehabilitation of small bridges (<20 feet in length).

Program Plan & Guidance

N/A

Project Selection

Municipalities submit application, MassDOT confirms eligibility and awards grants via competitive selection process

Performance Measure

N/A

SFY 2022 Projected Spend

\$10.0 million



Reliability: Highway Division

Safety Improvements Program

This program provides systematic repair and upgrade of safety systems on state-owned roadways through traffic signal, highway lighting, impact attenuators, traffic signs, and pavement markings projects, while investing in strategic safety improvements on all roads of the Commonwealth

Program Plan & Guidance

Strategic Highway Safety Plan, life-cycle planning of safety systems, FHWA Highway Safety Improvement Program

Project Selection

Projects drawn from District and HQ priorities

Performance Measure

Reduction in rate of fatalities or serious injuries

SFY 2022 Projected Spend

\$44.7 million



HSIP Projects funded within this program include measures to address:

Impaired driving, Intersections, lane departures, occupant protections, speeding and aggressive driving, young drivers, older drivers, pedestrian motorcycles, bicycles, truck/bus involved, RR grade crossings, roadway worker safety, & distracted driving

Reliability: Highway Division

Tunnels Program

The Tunnel program provides investment in the tunnels and ancillary systems within the Metropolitan Highway System (MHS). Massachusetts maintains the third largest tunnel system in America.

Program Plan & Guidance

Metropolitan Highway System Triennial Report, National Tunnel Inspection Standards, Central Artery Repair and Maintenance Trust Fund

Project Selection

MassDOT Tunnel Project Prioritization Methodology (based on NCHRP best practices)

Performance Measure

N/A

SFY 2022 Projected Spend

\$102.4 million



MHS Tunnel System

Reliability: Information Technology

Cyber/Information Security Program

This program keeps Information Technology (IT) infrastructure and software compliant with best practices and digital security standards to protect both agency and customer data. This program is necessary to maintain customer confidence when making secure transactions.

Program Plan & Guidance

EOTSS priorities for Cyber/Information Security

Project Selection

Business value, operational impacts, alignment with IT goals and strategies

Performance Measure

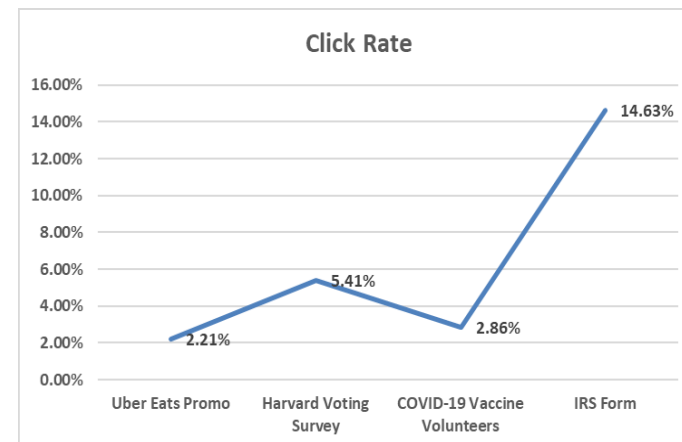
N/A

SFY 2022 Projected Spend

\$10.0 million



MassDOT established a 24/7 IT Security Operations Center in FY 21



Recent phishing scam tests have seen an uptick in employee clicks

Reliability: Information Technology

Digital Infrastructure Program

This program covers a range of digital infrastructure work, including state of good repair hardware upgrades and support of operations. This program is necessary to meet MassDOT's technology goals by sustaining the core computer, storage, telecommunications and network infrastructure while maintaining best practices and state of good repair.

Program Plan & Guidance

EOTSS priorities for Digital Infrastructure

Project Selection

Business value, operational impacts, alignment with IT goals and strategies

Performance Measure

N/A

SFY 2022 Projected Spend

\$2.0 million



Pre-Investment 10 Park Plaza Server Room



Post-investment 10 PP Server Room

Reliability: MBTA

Bridge and Tunnel Program

This program repairs, reconstructs and replaces MBTA commuter rail and transit bridges and tunnels system-wide to ensure safe and reliable service for commuter rail and heavy rail riders.

Program Plan & Guidance

MBA Transit Asset Management Plan (TAM)

Project Selection

Project scoring and prioritization

Performance Measure

Asset condition; structural deficiency and load rating

SFY 2022 Projected Spend

\$169.4 million



Dorchester Avenue Bridge Repairs



Robert Street Bridge Replacement (Needham Line) near Roslindale Village Station

Reliability: MBTA

Facilities Program

This program rehabilitates and upgrades maintenance and administrative facilities that support MBTA operations.

Program Plan & Guidance

MBTA Transit Asset Management Plan (TAM)

Project Selection

Project scoring and prioritization

Performance Measure

Asset condition: FTA TERM scale (1-5)

SFY 2022 Projected Spend

\$133.6 million

Reliability: MBTA

System Upgrades Program

This program upgrades a wide range of MBTA systems including communications, security, computer technology, fare collection, asset management and environmental remediation systems. Program includes the rehabilitation of non-revenue vehicles and equipment.

Program Plan & Guidance

MBTA Transit Asset Management Plan (TAM)

Project Selection

Project scoring and prioritization

Performance Measure

Asset age: Useful life benchmark (for non-revenue vehicles)

SFY 2022 Projected Spend

\$79.6 million

Reliability: MBTA

Revenue Vehicles Program

This program rehabilitates and replaces the MBTA revenue fleet which includes commuter rail, heavy rail, light rail, bus and ferry units to allow the MBTA to improve service reliability and ensure safety for riders.

Program Plan & Guidance

MBTA Transit Asset Management Plan (TAM)

Project Selection

Project scoring and prioritization

Performance Measure

Asset condition: Useful life Benchmark (ULB)

SFY 2022 Projected Spend

\$244.7 million



New Red Line train in Revenue Service



New Orange Line Train in Revenue Service

Reliability: MBTA

Stations Program

This program rehabilitates and upgrades MBTA stations and parking facilities (e.g., commuter rail, commuter boat, subway and bus stations) to help make it easier for visitors and riders to navigate the MBTA system.

Program Plan & Guidance

MBTA Transit Asset Management Plan (TAM)

Project Selection

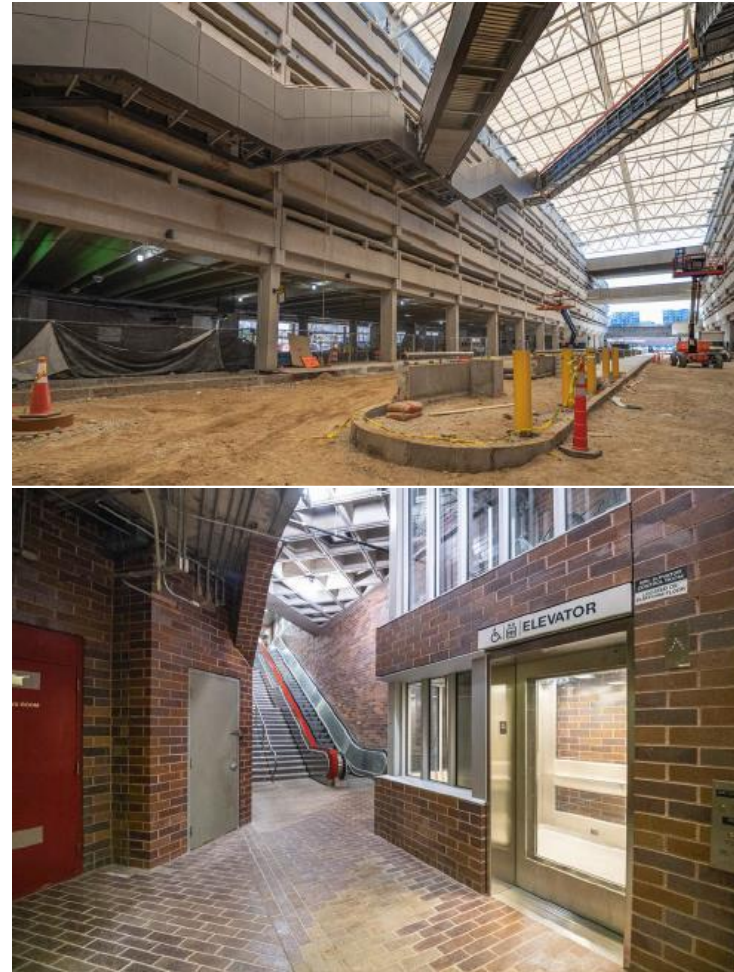
Project scoring and prioritization

Performance Measure

Asset condition: FTA Term Scale (1-5)

SFY 2022 Projected Spend

\$128.2 million



Quincy-Adams Station (Red Line) construction (April 2021)

Reliability: MBTA

Track, Signal, and Power Program

This program rehabilitates, replaces and upgrades track, signal and power assets across the commuter rail and transit system to ensure safe and reliable service for commuter rail and heavy rail riders.

Program Plan & Guidance

MBTA Transit Asset Management Plan (TAM)

Project Selection

Project scoring and prioritization

Performance Measure

Asset condition, age, and performance restrictions

SFY 2022 Projected Spend

\$209.7 million



Blue Line – Airport Rail



Blue Line Cable Removal

Reliability: Rail & Transit Division

Rail Bridges Program

This program repairs or replaces bridges to prevent or address deterioration, keep or restore class of line (federally-designated rail track classifications), or maintain the structure's safety and functional utility.

Program Plan & Guidance

Rail Asset Management Plan (RAMP), 2020 Tracker

Project Selection

Projects prioritized based on the most recent inspection, type of operations (e.g., passenger, hazardous cargo), and contractual or regulatory requirements.

Performance Measure

Bridge condition index; % in state of good repair; weight capacity; reduced operating restrictions

SFY 2022 Projected Spend

\$11.9 million



Middleboro Line in Norton

Reliability: Rail & Transit Division

Rail Facilities Program

This program repairs or replaces rail facilities, specifically rail yards and stations, to prevent or address deterioration or maintain the facility's effectiveness.

Program Plan & Guidance

Rail Asset Management Plan (RAMP)

Project Selection

Projects prioritized based on condition reports, type of operations and risks, operational impacts, and contractual or regulatory requirements for action

Performance Measure

Annual inspection & condition assessment

SFY 2022 Projected Spend

\$3.7 million



Maintenance yard for track work in Deerfield, MA

Reliability: Rail & Transit Division

Rail Grade Crossings Program

This program repairs or replaces grade crossings to address deterioration, keep or restore class of line, or maintain the safety or functional utility of the crossing. Well-maintained grade crossings are critical to public (motorist, bicyclist and pedestrian) safety, and are a key component of rail service safety and reliability.

Program Plan & Guidance

State Rail Plan, Rail Asset Management Plan, 2020 Tracker

Project Selection

Projects prioritized based on federal guidelines, most recent inspections, type of operations (e.g., passenger, hazardous cargo), traffic levels, and contractual or regulatory requirements

Performance Measure

Grade crossing condition assessment; % in state of good repair; grade crossing incidents

SFY 2022 Projected Spend

\$10.0 million



Foxboro Crossing

Reliability: Rail & Transit Division

Rail Track and Right of Way Program

This program strives to keep MassDOT owned rail lines in a state of good repair and safe and suitable for the intended traffic. This program repairs or replaces assets within the rail right of way (typically ties, rail, ballast, subsurface roadbed, embankments, drainage, culverts, switches, etc.) to address deterioration, keep or restore class of line, improve resiliency and maintain the line's safety and operational integrity. These activities are necessary to maintaining a safe and reliable rail system. Prioritization will reflect most recent inspections, type of operations (e.g., passenger, hazardous cargo), and contractual or regulatory requirements for action.

Program Plan & Guidance

State Rail Plan, Rail Asset Management Plan, 2020 Tracker

Project Selection

Projects prioritized based on most recent inspections, type of operations (e.g., passenger, hazardous cargo), and contractual or regulatory requirements

Performance Measure

% of State of good repair, weight capacity; reduced operating restrictions

SFY 2022 Projected Spend

\$28.9 million



Culvert failure on the Knowledge Corridor in Northampton, MA

Reliability: Rail & Transit Division

Rail Vehicles Program

This program repairs, replaces, or acquires rail equipment (locomotives, coaches, ballast cars, light duty vehicles, etc.) to facilitate reliable service, prevent or address deterioration, or support activities to maintain or restore vehicle condition to support reliable ongoing rail operations.

Program Plan & Guidance

State Rail Plan and Freight Plan

Project Selection

Prioritized based on project and maintenance needs

Performance Measure

N/A

SFY 2022 Projected Spend

\$1.2 million



Reliability: Rail & Transit Division

Transit Mobility Assistance Program

In an effort to improve mobility options for all riders across the Commonwealth, this program purchases vans and related equipment used to provide transportation for the elderly and individuals with disabilities of all ages. This program uses funds from Councils on Aging, the RTAs, and non-profit organizations. Rural and suburban transit agencies need to find ways to meet their riders where they are, and this funding will help RTAs provide more service for elderly riders and for paratransit service.

Program Plan & Guidance

Vision for the Future of RTAs report; M.G.L. section 13 of chapter 637 of the acts of 1983

Project Selection

Competitive application process, and each application is evaluated based on vehicle size and age

Performance Measure

Useful Life Benchmark (ULB)

SFY 2022 Projected Spend

\$10.0 million



Reliability: Rail & Transit Division

RTA Facility and Vehicle Maintenance Program

This program addresses the maintenance, rehabilitation, and upkeep of existing RTA facilities or vehicles. These investments will help RTAs continue to keep their fleets and facilities in a state of good repair to meet the current and future mobility needs of their region.

Program Plan & Guidance

Vision for the Future of RTAs report; RTAs Transit Asset Management Plans (TAMs)

Project Selection

RTAs asset inventory reports and needs

Performance Measure

Facility condition and Vehicle ULB mean miles between failures

SFY 2022 Projected Spend

\$2.3 million



Reliability: Rail & Transit Division

Transit Technical Assistance Program

This program is used to provide technical assistance to support the transit program (grants management systems, vehicle inspections). MassDOT is committed to providing technical assistance to help the RTAs with a wide variety of initiatives, including transportation planning, data analysis of best practices and performance standards, route and service planning, and implementing supportive technology.

Program Plan & Guidance

Vision for the Future of RTAs report

Project Selection

Comprehensive regional transit plans and RTA Taskforce Report

Performance Measure

Technology-driven data analyses

SFY 2022 Projected Spend

\$2.0 million



A Vision for the Future of Massachusetts' Regional Transit Authorities

Report of the Task Force on Regional Transit Authority
Performance and Funding

April 5, 2019

Reliability: Rail & Transit Division

RTA Vehicle Replacement Program

This program combines with Federal funds received by various RTAs to keep the RTA fleets in a state of good repair and suitably sized - both in terms of number and type of vehicle - for the RTA's service.

Program Plan & Guidance

Vision for the Future of RTAs report; RTAs Transit Asset Management Plans (TAMs)

Project Selection

RTA asset management plans and replacement schedules; projects prioritized to best achieve TAM targets

Performance Measure

Vehicle ULB (age and mileage) by type

SFY 2022 Projected Spend

\$18.0 million



Reliability: Registry of Motor Vehicles

Capital Maintenance Program

This program maintains and improves existing operating systems that support service delivery, application platforms, and electronic records retention and maintains the condition of the RMV leased or owned facilities.

Program Plan & Guidance

N/A

Project Selection

Facility and system condition

Performance Measure

N/A

SFY 2022 Projected Spend

\$0.5 million



Reliability: Office of Diversity and Civil Rights

Pre-Apprenticeship Program

This program, for which MassDOT is partnering with a number of stakeholders (industry, labor, FHWA, MassDOT, Office of Diversity and Civil Rights and Human Resources), will fund an industry-focused workforce development program. The program will also facilitate the introduction of additional pre-apprentices to skilled trades within the various MassDOT divisions. This program provides low-income and other disadvantaged communities with access to training and employment opportunities within the construction trades and the transportation sector.

Program Plan & Guidance

N/A

Project Selection

TBD

Performance Measure

TBD

SFY 2022 Projected Spend

\$1.5 million



Fidel Escarela went through the Pre-Apprenticeship and attended New England Tractor Trailer Training School to prepare for the CDL-B exam; he passed and now has his Commercial Driver's License (CDL)

Modernization: Aeronautics Division

Airport Administration Buildings Program

This program builds or renovates airport administration buildings as recommended by the 2010 Statewide Airport System Plan.

Program Plan & Guidance

2010 Massachusetts Statewide Airport System Plan

Project Selection

2010 Massachusetts Statewide Airport System Plan

Performance Measure

N/A

SFY 2022 Projected Spend

\$4.8 million



Statewide Airport Administration Building (SAAB) Prototype

Modernization: Highway Division

ADA Retrofits Program

This program improves the condition and accessibility of state-owned sidewalks and is necessary to meet obligations identified under the MassDOT ADA Transition Plan.

Program Plan & Guidance

MassDOT ADA Transition Plan

Project Selection

Ramp replacement follows multi-factor prioritization (i.e., proximity to public buildings, schools, and population factors)

Performance Measure

Number of failed or missing curb ramps on statewide inventory

SFY 2022 Projected Spend

\$6.1 million



| | FY17 | FY18 | FY19 | FY20 |
|------------------------------|-------|--------|--------|---------|
| Failed or missing curb ramps | 5,200 | 5,097 | 4,684 | 4,106 |
| <i>Reduction from 2017</i> | | -1.98% | -8.10% | -12.34% |

Modernization: Highway Division

Complete Streets Program

The program provides technical assistance and construction funding to eligible municipalities for the construction of facilities that enhance pedestrian, bicycle, and transit travel for roadway users of all ages and abilities.

Program Plan & Guidance

Chapter 220 legislation and policies

Project Selection

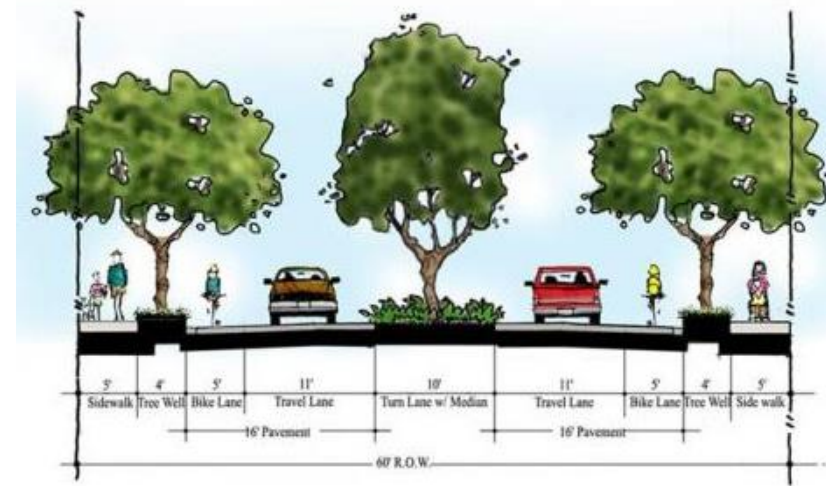
All communities may receive one Tier 2 grant. For Tier 3 grants, municipalities propose projects and MassDOT awards grants via a competitive selection process.

Performance Measure

N/A

SFY 2022 Projected Spend

\$10.0 million



Complete Streets Awards FY21-FY25

| Grant Type | Number of Awards | Funds Awarded |
|-------------------------------|------------------|----------------|
| Technical Assistance (Tier 2) | 196 | \$7.4M |
| Construction (Tier 3) | 160 | \$50.5M |
| Total | 356 | \$57.9M |

Modernization: Highway Division

Intelligent Transportation Systems Program

The Highway Intelligent Transportation Systems (ITS) program supports the design and implementation of innovative and new communication equipment and information technology systems designed to provide real traffic information to MassDOT projects, residents and visitors throughout the Commonwealth.

Program Plan & Guidance

N/A

Project Selection

MassDOT ITS Strategic Plan & stakeholder input from MassDOT HQ, Districts, MPO's, and State Police

Performance Measure

N/A

SFY 2022 Projected Spend

\$17.7 million



Modernization: Highway Division

Intersection Improvements Program

This program supports safety at roadway intersections for all user locations through operational and geometric improvement projects.

Program Plan & Guidance

FHWA Highway Safety Improvement Program, statewide crash analysis, road safety audits

Project Selection

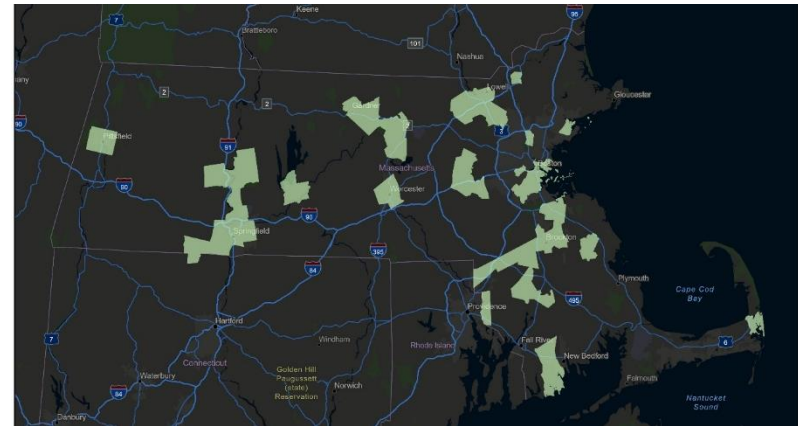
Projects drawn from HQ priorities

Performance Measure

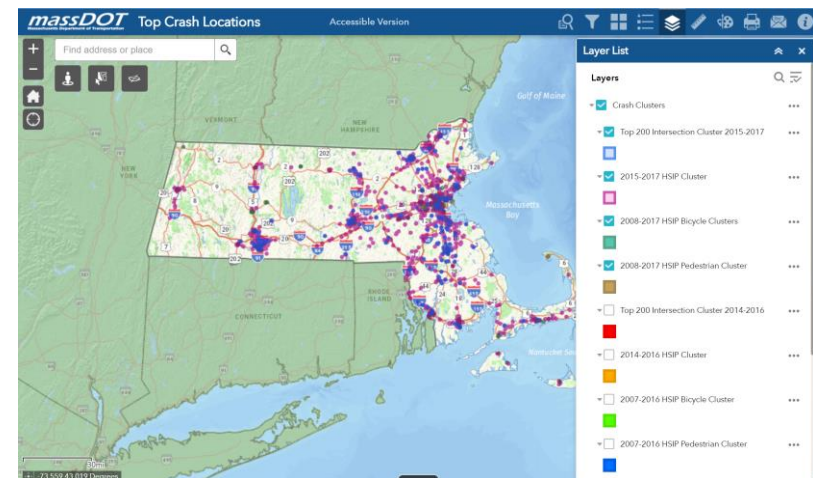
Mitigation of top 200 crash locations; reduction in rate fatalities or serious injuries

SFY 2022 Projected Spend

\$34.3 million



Intersection Improvement Project Locations since 2017



MassDOT High Crash Interactive Map

Modernization: Highway Division

Roadway Reconstruction Program

This program adapts existing roadway designs to contemporary needs. Nearly all of the projects in this program include improvements to bicycle and pedestrian user spaces.

Program Plan & Guidance

State Transportation Improvement Program, Long Range Transportation Plans

Project Selection

Projects scored by RPAs/MPOs & MassDOT (Project Selection Advisory Council recommended scoring elements)

Performance Measure

N/A

SFY 2022 Projected Spend

\$217.2 million



Modernization: Highway Division

Local Bottleneck Reduction Program *new*

This program provides funding for municipalities to address congestion bottlenecks to improve traffic flow while addressing safety, bicycle, transit, and pedestrian needs with preference to projects near transit-oriented development and multifamily housing.

Program Plan & Guidance

N/A

Project Selection

TBD

Performance Measure

N/A

SFY 2022 Projected Spend

\$2.5 million



Modernization: MBTA

Accessibility Program

This program improves accessibility at MBTA commuter rail, subway and bus stations. This program is necessary to meet the goals of the Authority's Plan for Accessible Transit Infrastructure ("PATI"). Investments will help ensure the vast majority of customers can use the MBTA.

Program Plan & Guidance

Plan for accessible Transit Infrastructure (PATI), MBTA Transit Asset Management Plan (TAM)

Project Selection

Projects prioritize to meet MBTA Transit Asset Management Plan (TAM) goals

Performance Measure

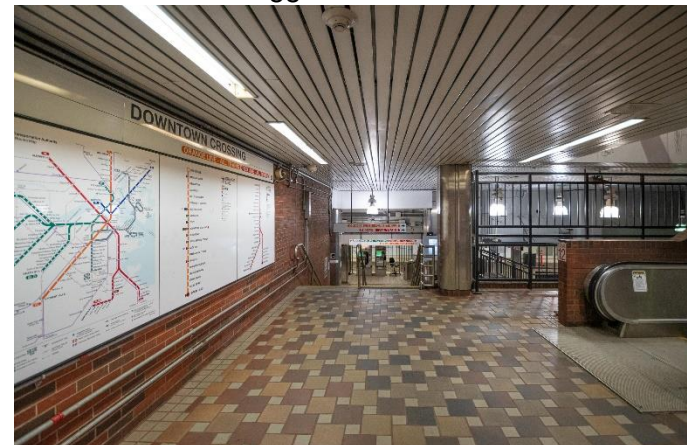
PATI implementation; increased number of accessible stations

SFY 2022 Projected Spend

\$67.5 million



New Platform at Ruggles Commuter Rail Station



New Accessible Transfer Elevators at Downtown Crossing (2) and Park Street (1)

Modernization: MBTA

Bus Transformation Program

This program aims to support a range of investments that strive to achieve better, faster, lower-emission bus service that is more aligned with where riders live, work and travel

Program Plan & Guidance

MBTA Transit Asset Management Plan (TAM), Focus40

Project Selection

Project scoring and prioritization

Performance Measure

TBD

SFY 2022 Projected Spend

\$60.6 million



Columbus Avenue Bus Lane Platform January 2021



Columbus Avenue Rendering

Modernization: MBTA

Commuter Rail Safety and Resiliency Program

This program includes projects that improve the safety and resiliency of the Commuter Rail network, including implementation of Positive Train Control (PTC), Automatic Train Control (ATC) and related investments.

Program Plan & Guidance

MBTA Transit Asset Management Plan (TAM), Safety Management System (SMS)

Project Selection

Project scoring and prioritization

Performance Measure

PTC/ATC project milestones

SFY 2022 Projected Spend

\$209.2 million



LED signal light installation as part of PTC upgrades



PTC signal upgrades on the Fitchburg Commuter Rail Line

Modernization: MBTA

Fare Transformation Program

The Fare Transformation program will implement a new reliable and convenient fare payment and collection system, integrated across all modes, to replace CharlieCards/Tickets and their supporting hardware and software.

Program Plan & Guidance

Focus40

Project Selection

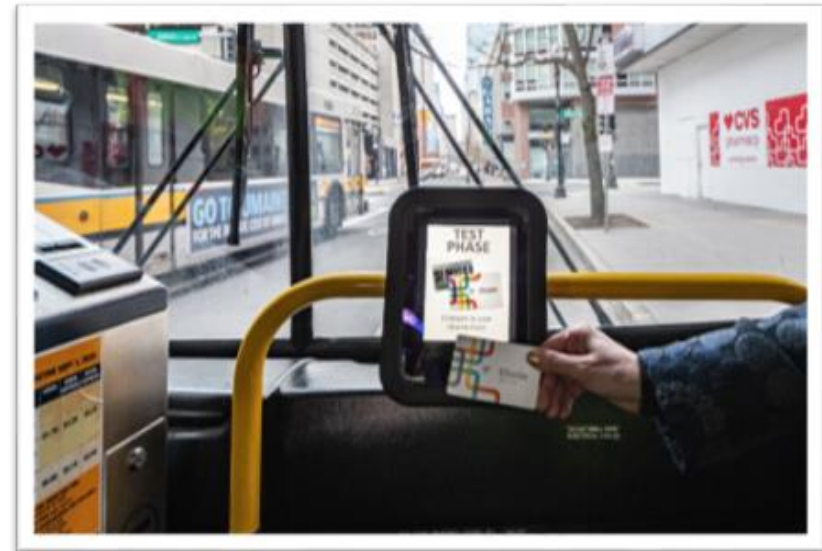
Project scoring and prioritization

Performance Measure

Fare Transformation project milestones

SFY 2022 Projected Spend

\$72.4 million



Modernization: MBTA

Green Line Transformation Program

Green Line Transformation (GLT) improves the quality of service on the Green Line through fleet modernization and infrastructure/facilities upgrades, as well as improved capacity, accessibility and state-of-the-art technology. GLT is a multi-phase, multi-faceted effort to make the Green Line more reliable, robust, and resilient.

Program Plan & Guidance

MBTA Transit Asset Management Plan (TAM), Focus40

Project Selection

Project scoring and prioritization

Performance Measure

Capacity, accessibility, resiliency

SFY 2022 Projected Spend

\$230.1 million



E Branch 28-Day Closure, South Huntington Section



D Branch Track & Signal Work, Reservoir Yard

Modernization: MBTA

Commuter Rail Transformation Program

This program incorporates options for improving service on the Commuter Rail, which are the first steps identified in a larger Commuter Rail transformation as outlined in Rail Vision.

Program Plan & Guidance

Rail Vision

Project Selection

Project scoring and prioritization

Performance Measure

TBD

SFY 2022 Projected Spend

\$16.0 million



North Station Track and signal installation of 2-way conduits

Modernization: MBTA

Red/Orange Line Transformation Program*

The Red Line and Orange Line Improvements program includes the set of vehicle and infrastructure investments needed to fully modernize the fleet and achieve the service goal of three minute headways on the Red Line and three and a half minute headways on the Orange Line. These investments will help better meet the needs and connect residents to growing job centers.

*Previously known as Red Line/Orange Line Infrastructure Improvement Program in 2021 CIP

Program Plan & Guidance

MBTA Transit Asset Management Plan (TAM), Focus40

Project Selection

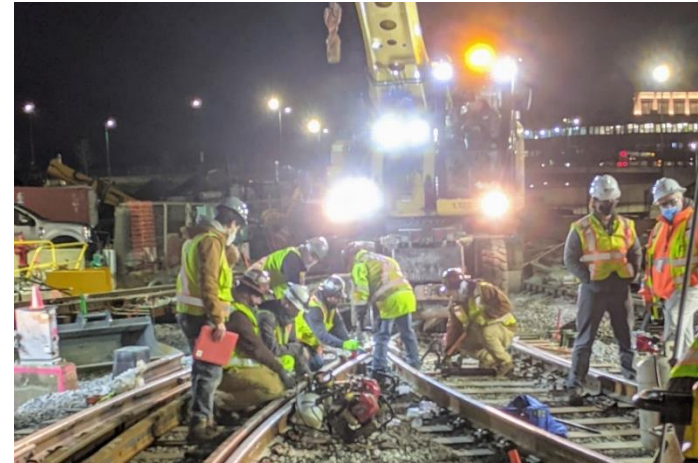
Project scoring and prioritization

Performance Measure

Project milestones: three minute headways on the Red Line; four minute headways on the Orange Line

SFY 2022 Projected Spend

\$353.1 million



Orange Line / Tracks 15-21 / Wellington Yard



Red Line / Davis Square / Third Rail

Modernization: MBTA

Risk Management & Mitigation Program

This program implements risk Management Initiatives as well as proactive efforts to improve workplace safety and system security.

Program Plan & Guidance

Safety Management System (SMS), Focus40

Project Selection

Project scoring and prioritization

Performance Measure

OSHA implementation and SMS implementation

SFY 2022 Projected Spend

\$33.6 million

Modernization: MBTA

Technology and Innovation Program

This program includes investments in technology and innovations that enhance productivity, modernize the system and improve the quality of MBTA services

Program Plan & Guidance

Focus40

Project Selection

Project scoring and prioritization

Performance Measure

TBD

SFY 2022 Project Spend

\$29.4 million

Modernization: Rail & Transit Division

Rail Facility Modernization Program

This program repairs or replaces rail facilities, specifically rail yards and stations, to upgrade them to current industry standards or otherwise maintains or improve the facility's utility. Facility modernization investments enhance the rail system's capacity and reliability and improve the state's economic competitiveness.

Program Plan & Guidance

State Rail and Freight Plans

Project Selection

Prioritization of projects in this program will reflect transportation or other public benefits (including economic development) associated with the improvement and related operational outcomes, facility condition reports, type of operations and risks / opportunities, contractual or regulatory requirements, and consistency with the State Rail Plan.

Performance Measure

Improvement to facility capacity and/or rail services and operations

SFY 2022 Projected Spend

\$0.05 million



East Deerfield Engine House

Modernization: Rail & Transit Division

Industrial Rail Access Program

This program makes investments in private sector rail lines to leverage private investment that will increase freight rail usage or modernize an active line to increase the utility to customers.

Program Plan & Guidance

N/A

Project Selection

Grant project selection criteria

Performance Measure

N/A

SFY 2022 Projected Spend

\$3.0 million



Old Boston Road Recycling

Modernization: Rail & Transit Division

Rail Track and ROW Modernization Program

This program repairs or replaces assets within the rail right-of-way (typically ties, rail, ballast, subgrade, culverts, switches, etc.) to an increased standard, to improve track class or capacity (i.e., increasing weight capacity to 286,000 lbs. ("286K"); double-stack clearance; installation of continuous welded rail; etc.) to meet current industry standards or otherwise achieve an improved condition with associated operational results.

Program Plan & Guidance

State Rail Plan

Project Selection

Prioritization of projects in this program will reflect operational and economic opportunities, most recent inspections, type of operation (e.g., passenger, hazardous cargo, heavier / standard car weights), contractual or regulatory requirements, and consistency with the State Rail Plan or other emergency policy goals.

Performance Measure

Condition improvements; service improvements; weight capacity

SFY 2022 Projected Spend

\$23.0 million



Berkshire Line

Modernization: Rail & Transit Division

RTA Facility and System Modernization Program

This program improves or modernizes or technologically upgrades existing RTA facilities, systems, or equipment including automated fare collection and electrification of the bus fleet.

Program Plan & Guidance

Comprehensive Regional Transit Plan (CRTP) and RTA-conducted facility-specific studies

Project Selection

Project evaluation and prioritization is based on the RTA individual asset management plans and replacement schedules

Performance Measure

Age and facility condition

SFY 2022 Projected Spend

\$14.1 million



Modernization: Rail & Transit Division

RTA Fleet Upgrades Program

This program allows for RTA fleet growth through investments to meet services needs or expansion and achieve asset management targets in the RTAs TAM plans.

Program Plan & Guidance

Comprehensive Regional Transit Plan (CRTP) and RTA-conducted facility-specific studies and Transit Asset Management Plans (TAMs)

Project Selection

Division specific projects or Enterprise initiatives; workforce productivity

Performance Measure

N/A

SFY 2022 Projected Spend

\$0.5 million

Modernization: Rail & Transit Division

RTA Replacement Facilities Program

This program constructs and modernizes RTA maintenance, administrative, operations or intermodal facilities.

Program Plan & Guidance

Comprehensive Regional Transit Plan (CRTP) and RTA-conducted facility-specific studies

Project Selection

Division specific projects or Enterprise initiatives; workforce productivity

Performance Measure

N/A

SFY 2022 Projected Spend

\$4.7 million



Modernization: Registry of Motor Vehicles

ATLAS Program

This program improves RMV service delivery options. The program funded the replacement of the 30-year old+ ALARS system with a new state of the art system that can handle a variety of transactions, customer services needs and support the issuance of federally-required Real IDs (for travel). This program was instrumental in improving business process efficiency through greater efficiencies and accountability for process and tracking transactions and license/registration data.



Program Plan & Guidance

N/A

Project Selection

Division specific projects or Enterprise initiatives; workforce productivity

Performance Measure

Project specific milestones

SFY 2022 Projected Spend

\$7.0 million

Modernization: Registry of Motor Vehicles

Customer Service Modernization Program

This program includes updating and upgrading leased branch locations to accommodate the new dual line queuing model, signage, furniture and fixtures.

Program Plan & Guidance

2020 Tracker

Project Selection

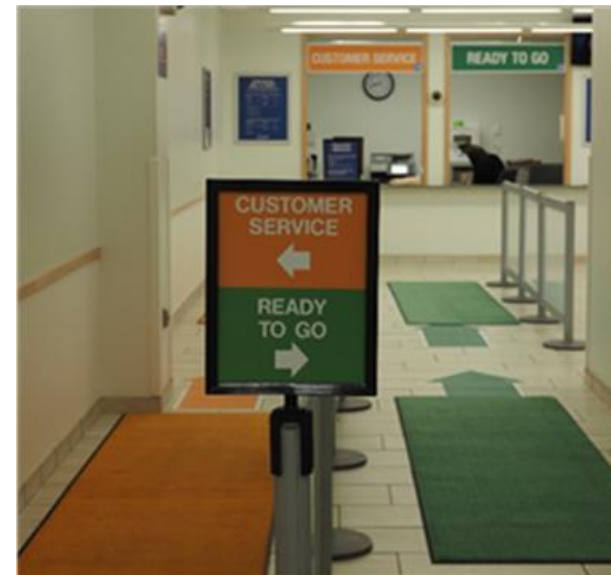
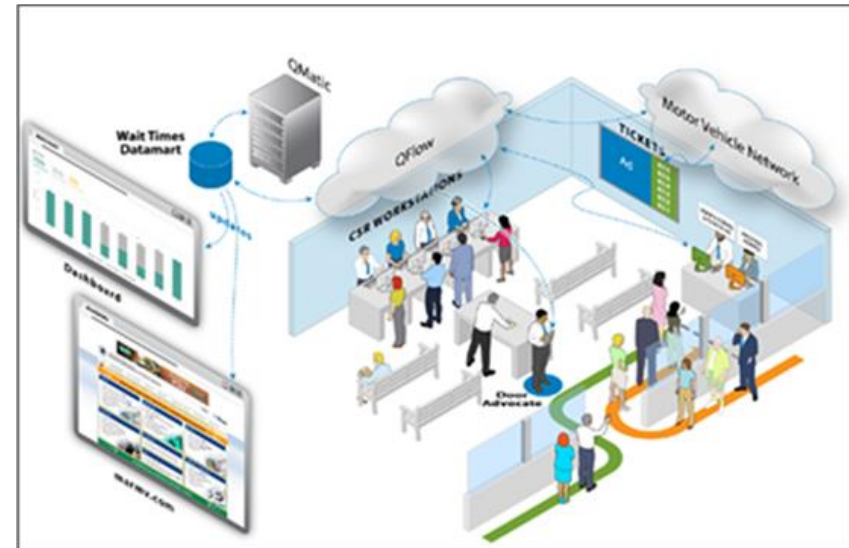
N/A

Performance Measure

Contact Center Wait Time (average speed of answer)

SFY 2022 Projected Spend

\$0.8 million



Modernization: Registry of Motor Vehicles

Alternative Service Channels Program

This program funds customer service improvements through installation of self-service kiosks and third-party service channels including AAA locations. This program is necessary to improve customer experience.

Program Plan & Guidance

2020 Tracker

Project Selection

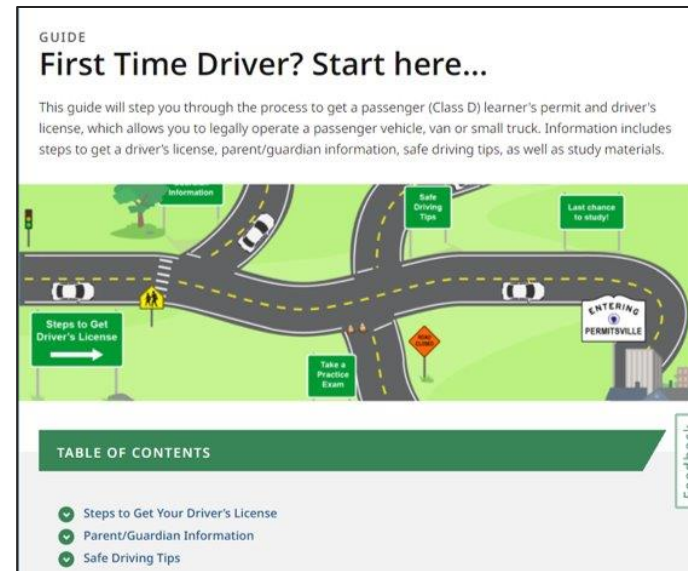
N/A

Performance Measure

% of system-wide licenses & registrations done online

SFY 2022 Projected Spend

\$0.5 million



What would you like to do?

myRMV Online Service Center

| | | |
|------------------------------|-----------------------|---------------------------|
| Make or Cancel a Reservation | Access My Profile | Business Services |
| Professional Licenses | Renew My Registration | Renew My Driver's License |

| | | |
|--|---|--|
| <h4>Driver Licensing and Permits</h4> <p>Apply for permit, renew or replace a license, or select one of our many CDL options here.</p> <ul style="list-style-type: none"> > Apply for a Learner's Permit > Renew My Driver's License > Replace My Driver's License > Replace My Learner's Permit > Transfer Out Of State License > Self-Certify a Commercial License > Add An Endorsement To My CDL > Downgrade To Passenger License | <h4>Massachusetts IDs</h4> <p>The RMV issues Mass ID cards to non-drivers who are residents of Massachusetts.</p> <ul style="list-style-type: none"> > Apply for a Real ID > Apply for a Mass ID > Renew My Mass ID > Replace My Mass ID > Apply for a Liquor ID > Replace My Liquor ID | <h4>Registration</h4> <p>All motor vehicles or trailers must maintain a valid registration. Vehicle registrations must be renewed every 1 or 2 years depending on the plate type.</p> <ul style="list-style-type: none"> > Renew My Registration > Title and Register My Vehicle > Replace My Registration > Cancel My Registration > Print My Registration > Check Status of a Registration > Registration Drop Off |
|--|---|--|

Modernization: Office of Secretary

Transit Infrastructure Partnership Program

This program provides funding for municipalities through grants and/or partnerships for investment in transit-supportive infrastructure. The funds will support infrastructure investments to improve and facilitate more efficient delivery of transit operations, improve passenger experience, and enhance transit rider and pedestrian service and safety for both the MBTA and the RTAs

Program Plan & Guidance

TBD

Project Selection

N/A

Performance Measure

TBD

SFY 2022 Projected Spend

\$5.0 million

Expansion: Highway Division

Capacity Program

This program adds new connections or expands the existing transportation network. Examples include the provision of additional lanes, new highway connections, or new roadways.

Program Plan & Guidance

State Transportation Improvement Program, Long Range Transportation Plan

Project Selection

Projects scored by RPAs/MPOs & MassDOT (Project Selection Advisory Council recommended scoring elements)

Performance Measure

N/A

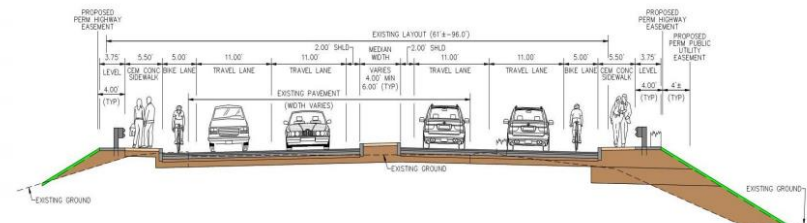
SFY 2022 Projected Spend

\$90.6 million



Route 18 Weymouth

Middlesex Turnpike Typical Section



Expansion: Highway Division

Shared Use Paths / Bicycle and Pedestrian Program

This program utilizes federal funds for the construction of new shared use paths (also known as multi-use trails) to expand and connect the Commonwealth's network of paths and support active transportation, recreation, and reduce dependency on driving. State funds have been recently introduced to the program to fund bicycle and pedestrian improvements on state owned roads.

Program Plan & Guidance

Massachusetts Statewide Bicycle and Pedestrian Plans;
MassTrails – Inter-Agency Trails Team

Project Selection

Projects scored by RPAs/MPOs & MassDOT (Project Selection Advisory Council recommended scoring elements)

Performance Measure

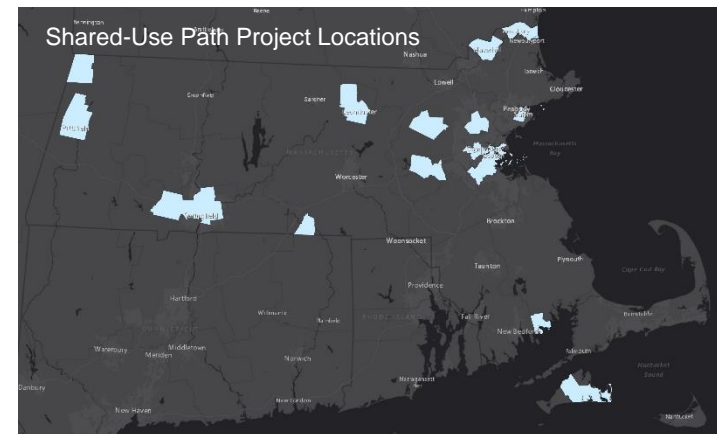
N/A

SFY 2022 Projected Spend

\$36.2 million



Constructing future crossing of Bruce Freeman rail trail over Route 2 in Concord, MA



Expansion: Secretary/Highway Division

Bicycle and Pedestrian Modal Implementation Program

This program funds projects that help make it safer, more comfortable, and convenient for people to walk and bike for everyday short trips by expanding and connecting facilities, improving access to transit by foot and bike, and addressing barriers that discourage people from choosing to walk and bike as identified in the 2019 Statewide Pedestrian and Bicycle Plans.

Program Plan & Guidance

Massachusetts Statewide Bicycle and Pedestrian Plans

Project Selection

Projects that fill in missing gaps in infrastructure or access to transit/walking/biking

Performance Measure

Fatality and serious injury rates, existence of infrastructure and facilities; facility condition; access to infrastructure; activity levels

SFY 2022 Projected Spend

\$10.0 million



Illustrative example: high comfort separate bike lane and intersection



Site of future new sidewalks to close gap in network and address crash locations



Addition of and upgrades to bike parking at MBTA transit stops

Expansion: Secretary / Highway Division

Shared Streets and Spaces Program *new*

This program provides \$5,000 to \$500,000 grants for cities and towns to quickly launch or expand improvements to sidewalks, curbs, streets, on-street and off-street parking in support of public health, safe mobility, and renewed commerce in their communities.

Program Plan & Guidance

N/A

Project Selection

Municipalities submit application; MassDOT confirms eligibility and awards grants via competitive selection process

Performance Measure

N/A

SFY 2022 Projected Spend

\$4.0 million



Expansion: MBTA

Green Line Extension Program

The Green Line Extension (GLX) program includes the vehicles, stations and infrastructure to extend the Green Line from a relocated Lechmere Station in East Cambridge to Union Square in Somerville and College Avenue in Medford. The project's six new stations will put 80 percent of all Somerville residents within walking distance of rapid transit.

Program Plan & Guidance

Focus40

Project Selection

N/A

Performance Measure

GLX Project Milestones

SFY 2022 Projected Spend

\$302.5 million



Final steel structure for GLX viaduct being installed (Oct. 2020)



Project's Multi-Purpose Machine delivering railbed material to the narrow corridor (Jan. 2020)

Expansion: MBTA

Expansion Projects*

This program makes targeted expansions in order to improve access to transit and supports planning and design for expansion projects identified as “Next Priorities” within Focus40.

*Includes Expansion Project Development which was a separate program in the 2021 CIP

Program Plan & Guidance

Focus40

Project Selection

Project scoring and prioritization

Performance Measure

Project Milestones

SFY 2022 Projected Spend

\$15.4 million

Expansion: MBTA

South Coast Rail Program

The South Coast Rail (SCR) program will restore commuter rail service between Boston and southeastern Massachusetts.

Program Plan & Guidance

Focus40

Project Selection

N/A

Performance Measure

SCR Project Milestones

SFY 2022 Projected Spend

\$293.5 million



Fall River Secondary (Contract K78CN03)



New Culvert in Freetown, MA

Expansion: Rail & Transit Division

Rail Track and ROW Expansion Program

This program repairs or replaces assets within the rail right of way (typically ties, rail, ballast, switches, etc.) or constructs new assets (line extensions, etc.) to expand existing rail services, including the addition of new or expansion of existing passenger rail or freight rail service. Program provides initial funding for project development efforts (including planning studies and/or initial pilots) to support future passenger rail service.

Program Plan & Guidance

State Rail Plan, MassDOT Plans and Feasibility Studies (i.e. East West Rail Feasibility Study)

Project Selection

Prioritization of projects in the program will reflect economic or other public benefits associated with the new or expanded service,, consistency with the State Rail Plan or State Freight Plan, and any contractual or regulatory requirements for action.

Performance Measure

Ridership, freight capacity loading

SFY 2022 Projected Spend

\$1.15 million



Hyannis Yard on the Cape Main Line

Expansion: Rail & Transit Division

Rail Vehicles Expansion Program

This program acquires, repairs or replaces rail equipment (locomotives, coaches, ballast cars, light duty vehicles, etc.) to expand existing or support new rail services, including the addition of new or expanded passenger rail or freight rail service.

Program Plan & Guidance

State Rail Plan, MassDOT Plans and Feasibility Studies (i.e. East West Rail Feasibility Study)

Project Selection

Prioritization of projects in the program will reflect economic or other benefits associated with the use of the new or improved vehicles in expanded service, consistency with the State Rail Plan, and any contractual or regulatory requirements for action.

Performance Measure

N/A

SFY 2022 Projected Spend

\$1.5 million