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Ms. Stephanie Pollack  
Secretary and Chief Executive Officer  
Massachusetts Department of Transportation  
10 Park Plaza  
Boston, MA 02116

November 7, 2017

**Subject: Approval of Massachusetts FFY 2018-2022 Statewide Transportation Improvement Program and Joint Planning Finding**

Dear Secretary Pollack:

The Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) have completed a joint review of the Federal Fiscal Years (FFY) 2018-2022 Massachusetts Statewide Transportation Improvement Program (STIP). Based on self-certifications and supporting documentation, Federal certification reviews of the metropolitan planning organizations (MPOs) within transportation management areas (TMAs), and our involvement in the statewide and metropolitan transportation planning processes, we hereby find that the STIP is based on a transportation planning process that substantially meets the requirements of 23 U.S.C. Sections 134 and 135, 49 U.S.C. Sections 5303-5305, and 23 CFR 450. This finding is also supported by the following determinations:

- The Transportation Improvement Programs (TIPs) are based on a continuing and comprehensive transportation planning process carried out cooperatively by the State, the ten MPOs, the three Regional Transportation Planning Organizations, and the transit operators in accordance with the provisions of 23 USC 134, 49 USC 5303 and 5304, and subparts A and C of 23 CFR 450.
- As of November 6, 2017, the TIPs are found to be in conformity with the Clean Air Act.

Based on our review of the statewide and metropolitan planning processes, we are providing the following observations and guidance:

- **Amendments:** With each STIP amendment, the Massachusetts Department of Transportation (MassDOT) should continue to provide Fiscal Constraint Analysis tables/charts reflecting financial constraint for each program year.
- **Transit Programming:** Projects should be programmed in the year in which Federal funds will be obligated. For FTA projects, this is the year in which the grant is to be awarded. We

encourage MassDOT to pursue a method to more effectively coordinate the transportation planning process with transit grant applications and awards.

- **Metropolitan Planning Agreements:** While there is an ongoing effort to update the Boston Urbanized Area (UZA) Memorandum of Understanding with the goal of establishing comprehensive planning agreements for the Worcester, MA-CT and Springfield, MA-CT UZAs, this remains a common deficiency, as noted in recent Federal certification reviews of the metropolitan planning processes in TMAs. We also note that new transportation performance measures and related requirements, as well as regulatory changes that went into effect on May 27, 2016, further clarified the content of planning agreements at the MPO level. As a result, planning agreements among MPO components should also be reviewed and updated to reflect pertinent matters of coordination.
- **Regional Conformity Determinations:** The United States Environmental Protection Agency (USEPA) continues to advise that the conformity determinations made by MPOs in the carbon monoxide limited maintenance areas of Waltham, Lowell, Springfield, and Worcester do not include clear language stating that conformity was based on a planning process that satisfies the applicable requirements of 40 CFR Part 93, including planning assumptions, latest emissions model, consultation/public involvement, and the implementation of transportation control measures (TCMs). FHWA and FTA are available to meet with MassDOT and the USEPA to resolve this matter.
- **Bridge Funding:** Under MAP-21 and continuing with the FAST Act, the following is the set-aside requirement for States that do not meet the minimum condition standard for bridges on the National Highway System (NHS):

**23 U.S.C. 119(f)(2) - Condition of NHS Bridges.**

**(A)Penalty** — If the Secretary determines that, for the 3-year-period preceding the date of the determination, more than 10 percent of the total deck area of bridges in the State on the National Highway System is located on bridges that have been classified as structurally deficient, an amount equal to 50 percent of funds apportioned to such State for fiscal year 2009 to carry out section 144 (as in effect the day before enactment of MAP-21) shall be set aside from amounts apportioned to a State for a fiscal year under section 104(b)(1) only for eligible projects on bridges on the National Highway System.

**(B)Restoration** — The set-aside requirement for bridges on the National Highway System in a State under subparagraph (A) for a fiscal year shall remain in effect for each subsequent fiscal year until such time as less than 10 percent of the total deck area of bridges in the State on the National Highway System is located on bridges that have been classified as structurally deficient, as determined by the Secretary.

National Bridge Inventory System data shows that the Massachusetts Percent Deck Area of Structurally Deficient NHS Bridges has been above 10% for the last three years. Therefore, the above penalty applies, and MassDOT is required to program 50% of its FFY 2009 Highway Bridge Program apportionment (\$94.8 million) for eligible bridge projects on the NHS in each STIP year until condition requirements are met. While MassDOT has programmed in each year amounts that exceed the penalty requirement, some of the project descriptions in the STIP investment tables contain “various” or “multiple” bridge locations that were not discretely identified, making it difficult to confirm eligibility. We also note

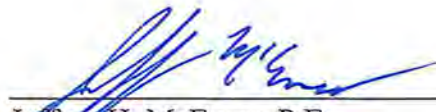
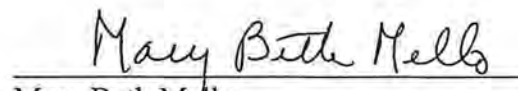


that some project descriptions will require further review to ensure "NHPP-ON" amounts do not include substantial highway work. Accordingly, the FHWA Massachusetts Division Office continues to work with the MassDOT Highway Division's Bridge Section to verify the eligibility of projects programmed for bridge penalty credit. Please note that any discrepancies that result in a penalty obligation shortfall may require an amendment to the STIP.

We further advise that recent FHWA guidance concerning compliance with 23 U.S.C. 119(f)(2) clarifies the requirement that a State must prioritize the obligation of NHPP penalty funds before obligating the non-penalty portion of NHPP funds as provided by 23 U.S.C. 119(i)(1). This limitation requires State highway agencies to establish controls that ensure the continued prioritization of programmed projects to meet its penalty obligation on NHS bridges for each Federal fiscal year.

The FHWA and FTA look forward to working with MassDOT to implement this year's program and to resolve the items highlighted above. The FFY 2018-2022 STIP is hereby approved for a period of four years or until superseded by an updated STIP. Should you have any questions, please let us know.

Sincerely yours,

  
\_\_\_\_\_  
Jeffrey H. McEwen, P.E.  
Division Administrator  
Federal Highway Administration  
\_\_\_\_\_  
Mary Beth Mello  
Regional Administrator  
Federal Transit Administration

cc: Jonathan L. Gulliver, Highway Division Administrator, MassDOT  
David Mohler, OTP Executive Director, MassDOT  
Deborah Szaro, EPA Region 1 Administrator  
Martin Suuberg, Commissioner, Massachusetts DEP  
Luis Manuel Ramirez, General Manager/CEO, MBTA  
Massachusetts Regional Planning Agencies  
Ariel Garcia, Environmental Protection Specialist, EPA Region 1  
Christine Kirby, Massachusetts DEP  
Sharon Weber, Massachusetts DEP



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Ms. Stephanie Pollack  
Secretary and Chief Executive Officer  
Massachusetts Department of Transportation  
10 Park Plaza  
Boston, MA 02116

November 6, 2017

Subject: Massachusetts Air Quality Conformity

Dear Secretary Pollack:

The Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) have completed air quality conformity reviews of the Federal Fiscal Years 2018-2022 Transportation Improvement Programs (TIPs) for the Boston Region Metropolitan Planning Organization (MPO), Northern Middlesex MPO, Central Massachusetts MPO, Pioneer Valley MPO, and for the rural planning area of Martha's Vineyard (Dukes County). These reviews were conducted in accordance with the Statewide and Metropolitan Transportation Planning and Programming Regulations and the Transportation Conformity Regulations.

Under the Massachusetts State Implementation Plan (SIP) and the Massachusetts conformity regulations, the Massachusetts Department of Environmental Protection (MassDEP) is required to issue a finding of concurrence or non-concurrence with the conformity determinations made by MPOs. The MassDEP issued its finding of concurrence on September 29, 2017.

Based on our joint evaluation of the TIPs and the input received from the United States Environmental Protection Agency (USEPA), Region 1 on October 3, 2017, FHWA and FTA have determined that the TIPs are in conformity with the goals of the SIP and are consistent with the Clean Air Act and the USEPA conformity regulations at 40 CFR Parts 51 and 93. These conformity determinations will remain in effect until a new determination is required by 40 CFR 93.104.

Should you have any questions regarding these air quality conformity determinations, please let us know.

Sincerely yours,

  
Jeffrey H. McEwen, P.E.  
Division Administrator

  
Mary Beth Mello  
Regional Administrator



Federal Highway Administration

Federal Transit Administration

cc: Jonathan L. Gulliver, Highway Division Administrator, MassDOT  
David Mohler, OTP Executive Director, MassDOT  
Deborah Szaro, EPA Region 1 Administrator  
Martin Suuberg, Commissioner, Massachusetts DEP  
Luis Manuel Ramirez, General Manager/CEO, MBTA  
Massachusetts Regional Planning Agencies  
Ariel Garcia, Environmental Protection Specialist, EPA Region 1  
Christine Kirby, Massachusetts DEP  
Sharon Weber, Massachusetts DEP



Charles D. Baker, Governor  
Karyn E. Polito, Lieutenant Governor  
Stephanie Pollack, MassDOT Secretary & CEO



October 27, 2017

Jeffrey H. McEwen  
Division Administrator  
Federal Highway Administration  
55 Broadway – 10<sup>th</sup> Floor  
Cambridge, MA 02142

Dear Mr. McEwen:

On behalf of Secretary Stephanie Pollack, I am requesting your approval of the Commonwealth's proposed State Transportation Improvement Program (STIP) for Federal Fiscal Years 2018-2022. This STIP reflects Massachusetts' project and programming needs for the next five federal fiscal years as developed by the Metropolitan Planning Organizations and the Massachusetts Department of Transportation.

The STIP consists of projects that are either exempt from air quality conformity determinations as specified in 40 CFR Parts 51 and 93, or have been previously analyzed in regions' conforming transportation plans. The STIP is fiscally constrained based on federal guidance supplied to the Commonwealth by the U.S. Department of Transportation.

If you have any questions, please call me at (857) 368-8865 or Bryan K. Pounds, STIP Coordinator at (857) 368-8860.

Sincerely,

David J. Mohler  
Executive Director  
Office of Transportation Planning

Enclosure





# 2018-2022

# State Transportation Improvement Program

June 23, 2017

I am pleased to present the Massachusetts Department of Transportation's State Transportation Improvement Program (STIP) for Federal Fiscal Years 2018-2022. This five-year program will help to realize the Baker/Polito Administration's vision of a transportation system that supports a strong economy, protects our natural environment, and enhances the quality of life and health of our residents and visitors to Massachusetts.

This document was developed in partnership with our metropolitan planning organizations, which include input from individuals, public agencies, and our state and federal partners. To accomplish our transportation goals, the STIP's investment program includes nearly \$7.8 billion dollars for roadways, bridges, bicycle and pedestrian facilities, and public transportation over the next five federal fiscal years.

MassDOT continually strives to improve the quality and transparency of the information we provide, and we appreciate your input on this document.

Sincerely,



Stephanie Pollack  
**Secretary & CEO**





## Acknowledgments

This 3C certification document is the culmination of a year-long effort by the Commonwealth's Metropolitan Planning Organizations, regional planning agencies, regional transit authorities, the Massachusetts Bay Transportation Authority (MBTA), the MassDOT Highway and Rail and Transit Divisions, MassDOT Federal Aid Programming and Reimbursement Office and the Office of Transportation Planning.

This report was funded in part through grants from the Federal Highway Administration, Federal Transit Administration, and the U.S. Department of Transportation. The views and opinions of the Massachusetts Department of Transportation expressed herein do not necessarily state or reflect those of the U. S. Department of Transportation.

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# Notice of Nondiscrimination Rights and Protections to Beneficiaries

## Federal “Title VI/Nondiscrimination” 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 also 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 orientation, gender identity or expression, religion, creed, ancestry, national origin, disability, veteran's status** (including Vietnam-era veterans), or **background**.

### ***Additional Information***

To request additional information regarding Title VI and related federal and state nondiscrimination obligations, please contact:

MassDOT, Title VI Specialist, Office of Diversity and Civil Rights  
10 Park Plaza  
Boston, MA 02116  
857-368-8580  
TTY: 857-368-0603  
[MASSDOT.CivilRights@state.ma.us](mailto:MASSDOT.CivilRights@state.ma.us)



***Complaint Filing***

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

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  
617-994-6000  
TTY: 617-994-6196

***Translation***

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

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

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

Chinese Simplified: (mainland & Singapore): 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。

Chinese Traditional: (Hong Kong & Taiwan): 如果需要使用其它語言了解信息，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。

Russian: 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.

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

Vietnamese: 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.

French: 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.

Italian: 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.

Khmer: ប្រសិនបើលោក-អ្នកត្រូវការរបកប្រែពីភាសានេះ សូមទាក់ទងអ្នកឯកទេសលើជំពូកទី៦ របស់MassDot តាមរយៈលេខទូរស័ព្ទ 857-368-8580

على السادسة الفقرة بأخصائي الاتصال يُرجى، أخرى بلغة المعلومات هذه إلى حاجة كنت إن  
الهاتف Arabic: 857-368-8580

## ADA / 504 Notice of Nondiscrimination

The Massachusetts Department of Transportation (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](mailto: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.

# Certifications

## Self-Certification for the Commonwealth of Massachusetts

### Compliance with Applicable Federal Regulation

In accordance with 23 CFR 450.218 (a) (or 334), The Massachusetts Department of Transportation hereby certifies that its statewide transportation planning process is addressing major issues facing the Commonwealth, and its non-urbanized areas, and is being carried out in accordance with all applicable requirements including:

- 23 USC 134 and 135, 49 USC Sections 5303 and 5304, and this subpart;
- Title VI of the Civil Rights Act of 1964, as amended (42 USC 2000 d-1) and the Title VI assurance (23 USC Section 324) and 49 CFR part 21;
- 49 USC 5332, prohibiting discrimination on the basis of race, color, creed, national origin, sex, or age, in employment or business opportunity;
- Section 1101 (b) of the MAP-21 (Public Law. 112-141) and 49 CFR 26 regarding the involvement of Disadvantaged Business Enterprises in US DOT funded projects;
- 23 CFR part 230 regarding implementation of an equal employment opportunity program on federal and federal aid highway construction contracts;

- The provisions of the Americans with Disabilities Act of 1990 (42 USC 12101 et. seq.) and 49 CFR parts 27, 37 , and 38;
- Sections 174 and 175 (c) and (d) of the Clean Air Act, as amended {42 USC 7504, 7506 (c) and (d)} and 40 CFR part 93;
- The Older Americans Act, as amended by 42 USC 6101 prohibiting on the basis of age in programs and activities receiving Federal financial assistance;
- Section 324 of Title 23 USC regarding prohibition of discrimination based on gender;
- Section 504 of the Rehabilitation Act of 1973 (29 USC 794) and 49 CFR part 27, regarding discrimination against individuals with disabilities;
- Anti-lobbying provisions found at 49 USC part 20 and 23 CFR 630.112;

Additionally, each Metropolitan Planning Organization has certified that its Transportation Improvement Program complies with the above requirements.

  
 \_\_\_\_\_  
 Stephanie Pollack  
 Secretary & CEO

26 June 2017  
 Date

## Financial Constraint

The financial plan contained herein is financially constrained; it ensures that the State Transportation Improvement Program reflects the maintenance and operation of our roadway and bridge system, while also providing for strategic capacity expansions. Only projects for which funds can reasonably be expected have been included. Transit funding also satisfies federal requirements related to financial constraint. Federal transit funds are programmed in the State Transportation Improvement Program based upon estimates of funding for which there is a reasonable expectation of availability.



Stephanie Pollack  
**Secretary & CEO**

26 June 2017

Date



## **Certification of the State Transportation Improvement Program**

Whereas, the 1990 Clean Air Act Amendments (CAAA) require Metropolitan Planning Organizations (MPO) within non-attainment areas and/or attainment areas with maintenance plans to perform air quality conformity determinations prior to the approval of transportation plans and transportation improvement programs, and at such other times as required by regulation;

Whereas, an air quality conformity determination for the 2018-2022 Massachusetts State Transportation Improvement Program is not required because most of the state (with limited exceptions) was designated in April 2016 by the United States Environmental Protection Agency as “unclassifiable/attainment” for the latest ozone standard;

Whereas, all regionally significant transportation projects in the 2018-2022 State Transportation Improvement Program are contained in the collection of 2016 Regional Transportation Plans by the Commonwealth’s MPOs;

Whereas, the State has completed its review in accordance with Section 176(c) (4) of the Clean Air Act as amended in 1990 [42 U.S.C. 7251 (a)], and hereby certifies that the FFY 2018-2022 STIP is financially constrained and that the implementation of the STIP, each MPO’s TIP, and each MPO’s 2016 Regional Transportation Plan all satisfy the criteria specified in both 310 CMR 60.03 (12/30/1994) and 40 CFR Part 51 and 93 (8/15/1997);

Whereas, based on current federal requirements, the FFY 2018-2022 STIP is consistent with the air quality goals of the Massachusetts State Implementation Plan;

Therefore, in accordance with 23 CFR Part 450 Section 324 (Development and content of the Metropolitan Transportation Plan) of the May 27, 2016 Final Rules for Statewide and Metropolitan Planning, the Commonwealth hereby endorses the FFY 2018 - 2022 State Transportation Improvement Program.



Stephanie Pollack  
**Secretary & CEO**

26 June 2017

Date

# STIP development

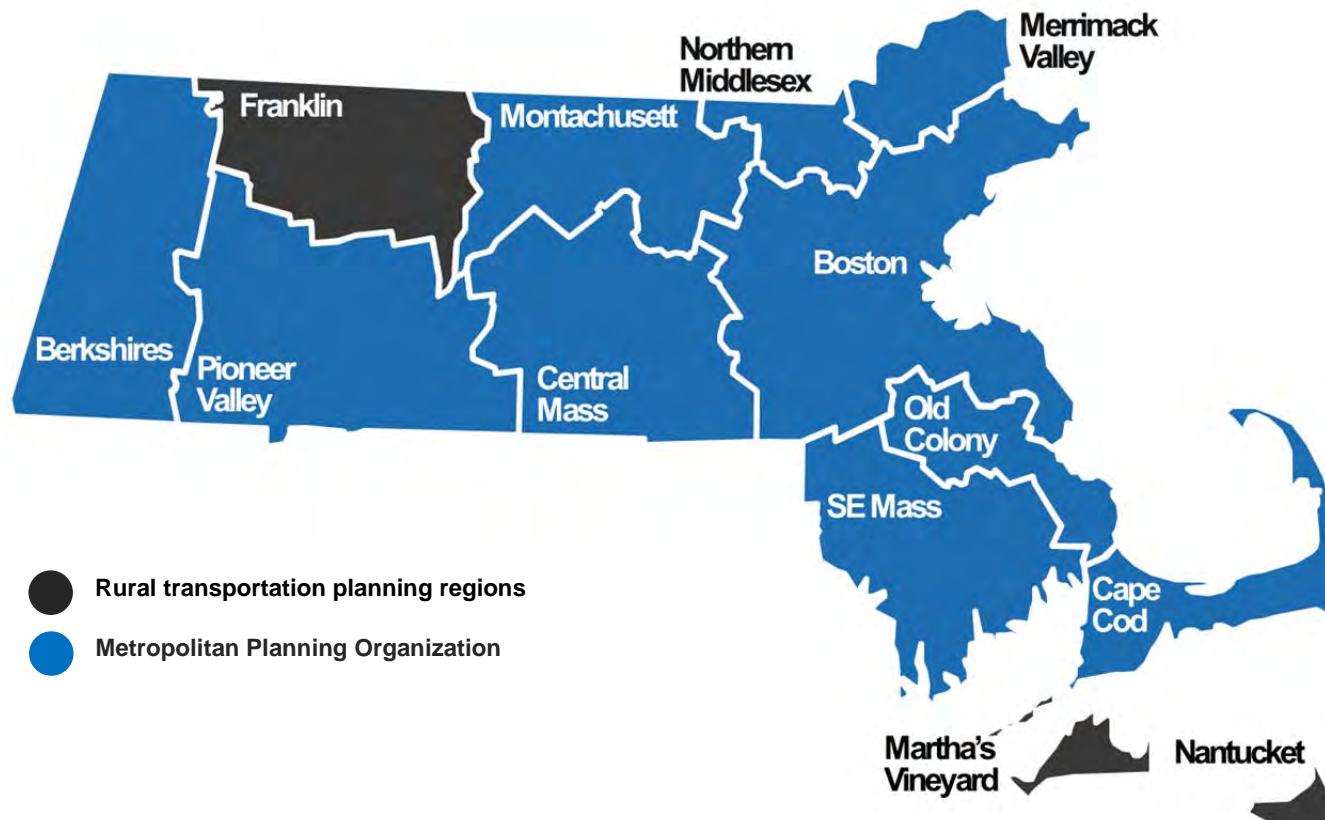
## STIP basics

Local communities and Metropolitan Planning Organizations (MPOs) partner with the MassDOT Highway Division to plan, design, permit, and construct hundreds of highway, bridge, roadway, and intermodal investments annually. The MBTA and the 15 Regional Transit Authorities (RTAs) in Massachusetts, in cooperation with local officials and the MassDOT Rail and Transit Division, plan, develop, and implement transit investments. Together, these investments are listed in this document and constitute the State Transportation Improvement Program (STIP).

### What is an MPO?

An MPO is a federally-mandated regional body made up of local, regional and state officials. The MPO is responsible for transportation planning and for programming investments using federal transportation funds. In Massachusetts, each MPO has at least four common members: the MassDOT Secretary & CEO, who acts as chair; the MassDOT Highway Division Administrator; a representative from the respective Regional Planning Agency (RPA); and one from the relevant RTA for each region. Other members of MPOs are typically elected officials from sub-regional sets of municipalities. The MPOs in Massachusetts can be seen on the next page in Figure 1.

Figure 1 - Planning regions in Massachusetts



### Are RPAs and MPOs the same thing?

RPAs and MPOs can be confusing because they encompass identical geographical boundaries in Massachusetts. The difference between MPOs and RPAs is that they serve different functions, and the terms should not be used interchangeably. A key distinction is that the MPO is the decision-making body



for a region that includes representatives from state agencies, RTAs, and municipalities. By contrast, on transportation investment programming, MassDOT has a contracted agreement with each RPA to serve as staff to perform the transportation planning, data collection and analysis that supports the MPO's decision-making. For the Boston MPO, the Central Transportation Planning Staff (CTPS) serve as the primary staff for the MPO. However, the Metropolitan Area Planning Council (MAPC), the Boston area RPA, also performs some of the MPO's planning and analysis functions.

### **What is a regional TIP?**

Every year, each MPO region must prepare and update its Transportation Improvement Program (TIP), a five-year program of capital investments that reflects the needs of the regional transportation system. Under federal regulations, each TIP must be constrained to available funding; consistent with the respective region's long-range Regional Transportation Plan (RTP); and include an annual element, or listing, of investments to be advertised in the first year of the TIP. Like the STIP, the regional TIP is multimodal and has both a roadway and transit component.

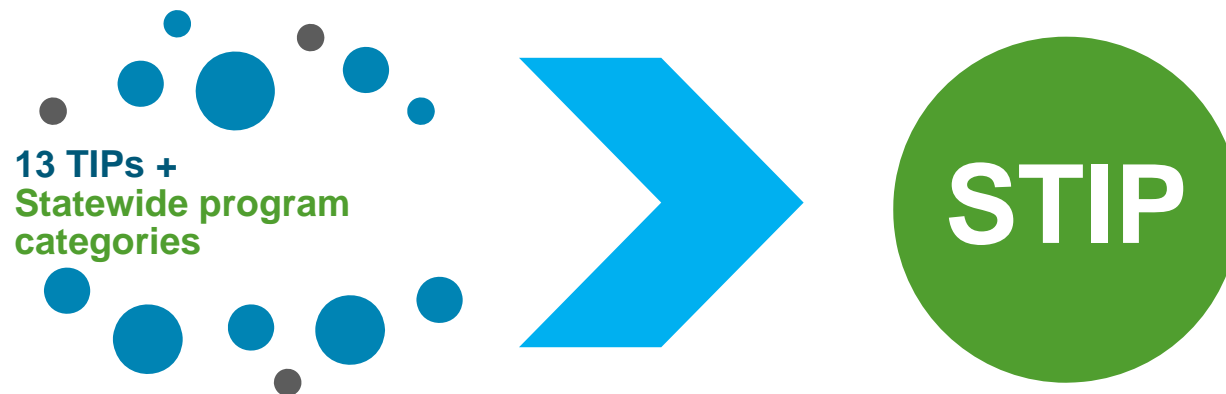
### **What is the STIP?**

The State Transportation Improvement Program (STIP) is a compilation of the thirteen regional Transportation Improvement Programs prepared annually by the state's ten MPOs and three regional planning entities that function as MPOs. It is a listing of priority transportation investments (highway and transit) listed by

region and fiscal year. The STIP is compiled annually by the MassDOT Office of Transportation Planning (OTP), in coordination with the MassDOT Highway Division, MassDOT Rail & Transit Division, MPOs, the RTAs, and MassDOT's Federal Aid Programming and Reimbursement Office (FAPRO). The proposed STIP is then reviewed and approved by state and federal transportation and environmental agencies.

The STIP must be financially-constrained to the federal amounts allocated to Massachusetts. These investment lists undergo a comprehensive annual review and revision and are updated as needed to reflect changes including cost variations, project readiness, or shifting priorities that occur throughout the Federal Fiscal Year (FFY).

**Figure 2 - Relationship between TIPs and the STIP**



The STIP is also a subset of MassDOT and the MBTA's 2018-2022 Capital Investment Plan (CIP). The 2018-2022 CIP includes all investments using any funding source available to MassDOT or the MBTA, while the STIP only lists federally-aided investments.

## What is the STIP development timeline?

Figure 3 - STIP development timeline

Jan	•Financial guidance developed to guide MPOs and asset managers
Feb	•MassDOT provides regional target funding projections to MPOs so that they can prioritize investments
March	•MPOs choose preferred projects for the draft TIP in partnership with stakeholders
April	•MPOs release TIPs for public comment
May	•MassDOT compiles draft TIPs into the draft STIP and releases for public comment •MPOs endorse TIPs
June	•MassDOT compiles the endorsed TIPs into the final STIP and transmits to approving partners at Federal Highway Administration (FHWA), Federal Transit Administration (FTA), U.S. Environmental Protection Agency (EPA) and Massachusetts Department of Environmental Protection (DEP)
Oct	•MassDOT advertises projects for construction

## Funding the STIP

### How budgets set for the STIP?

MassDOT receives a funding “authorization” or estimate of total available federal funding from the Federal Highway Administration (FHWA). In recent years, this authorization has been approximately \$600 million, though this has increased with FAST Act authorizations. Each year, Congress reviews the highway authorization during its budgeting process and sets a ceiling on how much can be spent from that authorization. This ceiling, called an obligation limitation, establishes the most MassDOT can spend in federal funding each year.

A portion of the federal highway funding allocated to Massachusetts is automatically held for the repayment of the Accelerated Bridge Program, which aims to significantly reduce the number of structurally deficient bridges statewide. Additionally, a certain amount of funding is dedicated for statewide activities such as planning, adjustments and pass-throughs. Approximately one-third of the funds available are dedicated to MPOs for regional priority projects. The distribution is determined according to a formula that is primarily based on each MPO’s road mileage and population. The formula for distribution among the MPOs was developed by the Massachusetts Association of Regional Planning Agencies (MARPA), and is known as the “MARPA formula.” Funding for RTAs is formula based from the FTA.



## **What are the highway investment priorities and programs?**

The 2018-2022 STIP is different from prior STIPs because for the first time all investments are categorized the same way as they are in the Capital Investment Plan (CIP). MassDOT and the MBTA applied a new approach to capital investment for the 2017-2021 CIP by focusing on priorities, programs and then projects. Below are the programs found in the STIP and organized by priority.

### **Reliability investments**

Reliability investments maintain and improve the overall condition and reliability of the transportation system. Reliability programs address the following:

- Necessary routine and capital maintenance
- State of Good Repair projects designed primarily to bring asset condition up to an acceptable level
- Asset management and system preservation projects

### **Bridge program**

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

### **Interstate pavement program**

This program resurfaces and performs related work on the interstate system.

### **Non-interstate pavement program**

This program resurfaces and performs related work on non-interstate roads owned by MassDOT.

### **Roadway improvements program**

This program performs pot hole, fencing, guardrail, and sidewalk maintenance repairs and other related improvements on non-interstate, state owned roadways. This program also includes federally funded storm water retrofit projects. This program is preventative in nature, and is necessary to maximize the useful life and condition of roadways.

### **Safety improvements program**

This program, which is both state and federally funded, repairs traffic signals, highway lighting systems, impact attenuators, traffic signs and pavement markings. This program is necessary to provide a safe roadway network for Commonwealth residents and visitors.

### **Modernization investments**

Modernization investments enhance the transportation system to make it safer and more accessible and to accommodate growth. Modernization programs address the following:

- 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 demand on existing transportation systems

### **ADA retrofits program**

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

### **Intersection improvements program**

This program upgrades and improves traffic signals and intersections. This program is necessary to meet safety improvement targets.

### **Intelligent Transportation Systems program**

This program supports innovative and new communication equipment and information technology systems (signs, cameras, sensors, etc.) designed to provide real time traffic information to residents and visitors. This program is necessary to improve our network of communication tools, to allow drivers to make better informed decisions regarding travel options.

### **Roadway reconstruction program**

This program improves the overall condition of roads, by supporting both large and small state and municipal investments. Nearly all of the projects in this program include improvements to bicycle and pedestrian user spaces.

## **Expansion investments**

Expansion investments provide more diverse transportation options for communities throughout the Commonwealth. Expansion programs address the following:

- 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

### **Bicycle and pedestrians program**

This program constructs multi-use paths and other trails that are independent from a roadway. In addition, this program will meet future needs identified through the ongoing statewide bicycle and pedestrian planning efforts.

### **Capacity program**

This program adds new connections or expands the existing transportation network.

## **Highway funding overview**

As previously mentioned, MassDOT divides federal highway funding that it receives between “funding for regional priorities,” which is allocated at the

discretion of the MPOs for regional priority projects on the federal aid transportation system, and funding that is allocated at MassDOT's discretion for use primarily on the state-owned transportation system. Each MPO's regional funding is composed of its respective share of Surface Transportation Program (STP), Congestion Mitigation and Air Quality Improvement Program (CMAQ), Highway Safety Improvement Program (HSIP), and Transportation Alternatives Program (TAP) funding. Statewide funding that is allocated at MassDOT's discretion includes funding from the aforementioned funding types as well as others. Below, please find the full list of funding types available to MassDOT and the MPOs.

### **National Highway Freight Program (NHFP)**

NHFP was established in December, 2015 through the FAST Act to improve the efficient movement of freight on the National Highway Freight Network (NHFN). The Commonwealth's Freight Plan is currently underway, and as the Freight Plan develops, program sizes will be proposed in future STIPs according to need and appropriations.

### **National Highway Performance Program (NHPP)**

NHPP provides support for the condition and performance of the National Highway System (NHS), including Interstate and non-Interstate routes and bridges. These investments ensure that federal-aid funds in highway construction are on an eligible facility and support progress toward achievement of national performance goals for improving infrastructure condition, safety, mobility, or



freight movement on the NHS, and be consistent with Metropolitan and Statewide planning requirements.

### **Highway Safety Improvement Program (HSIP)**

The HSIP funds safety improvement investments to reduce the number and severity of crashes at dangerous locations. A highway safety improvement investment is any strategy, activity, or project on a public road that is consistent with each state's data-driven [State Strategic Highway Safety Plan \(SHSP\)](#) and corrects or improves a hazardous road location or addresses a highway safety problem.

### **Surface Transportation Program (STP)**

STP provides flexible funding, that may be used by locals, regions and states for projects to preserve and improve the conditions on, and performance of, any federal-aid highway, bridge, or tunnel, as well as for projects on any public road (except local roads and rural minor collectors), pedestrian and bicycle infrastructure, and transit capital projects, including intercity bus terminals. Fifty percent of a state's STP funds are to be distributed to areas based on population (sub-allocated), with the remainder to be used in any area of the state. A portion of STP funds (equal to 15 percent of a State's FY 2009 Highway Bridge Program apportionment) is to be set aside for bridges not on Federal-aid highways (off-system bridges), unless the Secretary determines the state has insufficient needs to justify this amount.

## **Congestion Mitigation and Air Quality Improvement Program (CMAQ)**

CMAQ provides a flexible funding source for transportation investments and programs to help meet the requirements of the Clean Air Act. Funding is available to reduce congestion and improve air quality for areas that do not meet the National Ambient Air Quality Standards for ozone, carbon monoxide, or particulate matter (nonattainment areas) and for former nonattainment areas that are now in compliance (maintenance areas).

In Massachusetts, a portion of CMAQ funding is prioritized and programmed by the MPOs. Prior to programming, proposed CMAQ investments are reviewed by the CMAQ Consultation Committee, which is responsible for determining whether a project shows an air quality benefit and is eligible for CMAQ funding. The members of the Committee include representatives from MassDOT, Massachusetts Department of Environmental Protection (DEP), United States Department of Transportation (USDOT), U.S. Environmental Protection Agency (EPA), and the MPOs.

## **Transportation Alternatives Program (TAP)**

TAP is a competitive program that funds a variety of transportation investment types. The funds are split 50 percent each between a statewide allocation of the funds and nine of the MPOs in the Commonwealth (Berkshire, Franklin, Martha's Vineyard and Nantucket are too small in population per MAP-21 to receive such funds). MassDOT prioritizes the use of these funds for Safe Routes to School investments sponsored by communities and the MPOs use their Transportation

Evaluation Criteria to select their TAP investments. MassDOT and MPOs are not eligible project sponsors.

## **Earmarks**

Certain funding categories are investment-specific, i.e. funds are ‘earmarked’ only for use in the development of a particular investment. This practice has since ended in Congress, though some earmarks are still available for certain designated investments.

## **Transportation bond bill funding**

The Massachusetts Legislature passes transportation bond bills to provide resources for investments in our transportation system. This provides the Commonwealth with authorization to issue bonds to support transportation capital expenditures. Such expenditures include matching funds for federally-funded STIP investments, both highway and transit, and Chapter 90 reimbursement funds for local transportation projects. The Executive Office of Administration and Finance issues bonds at its discretion, subject to legislative authorization in the transportation bond bills and subject to overall “bond cap” limits on the Commonwealth’s debt obligations.

On the following pages are the Highway funding tables presented by federal fiscal year.

**FFY 2018-2022 STIP  
2018 BUDGET**

		Obligation authority (federal aid only)	Matching funds	Total funding (federal aid + match)		
Base obligation authority		\$ 598,178,885				
Planned redistribution request		\$ 50,000,000				
Total Estimated Funding Available		\$ 648,178,885				
ABP GANS Repayment		\$ (62,985,000)				
Total non-earmarked funding available		\$ 585,193,885	\$ 132,056,924	\$ 717,250,809		
Planning / Adjustments / Pass-throughs						
Award adjustments, change orders, etc.		\$ 30,000,000	\$ 7,500,000	\$ 37,500,000		
Metropolitan planning		\$ 8,670,263	\$ 2,167,566	\$ 10,837,829		
State planning and research		\$ 14,026,697	\$ 3,506,674	\$ 17,533,371		
Recreational trails		\$ 1,186,729	\$ 296,682	\$ 1,483,411		
Railroad grade crossings		\$ 4,250,000	\$ 472,222	\$ 4,722,222		
MassRides program		\$ -	\$ -	\$ -		
subtotal of planning / adjustments / pass-throughs		\$ 58,133,689	\$ 13,943,144	\$ 72,076,833		
Funding sources for regional priorities						
Congestion Mitigation Air Quality Improvements		\$ 20,000,000	\$ 5,000,000	\$ 25,000,000		
Highway Safety Improvement Program		\$ 9,000,000	\$ 1,000,000	\$ 10,000,000		
Transportation Alternatives Program		\$ 4,581,858	\$ 1,145,465	\$ 5,727,323		
Surface Transportation Program Block Grant		\$ 144,370,142	\$ 36,092,536	\$ 180,462,678		
subtotal of funding for regional priorities		\$ 177,952,000	\$ 43,238,000	\$ 221,190,000		
regional share %						
	CMAQ	HSIP	TAP	STPBG	Total	
3.5596%	Berkshire	\$ 889,911	\$ 355,964	\$ -	\$ 6,627,701	\$ 7,873,577
42.9671%	Boston	\$ 10,741,776	\$ 4,296,710	\$ 2,929,085	\$ 77,071,365	\$ 95,038,936
4.5851%	Cape Cod	\$ 1,146,285	\$ 458,514	\$ 205,809	\$ 8,331,266	\$ 10,141,874
8.6901%	Central Mass	\$ 2,172,533	\$ 869,013	\$ 490,405	\$ 15,689,750	\$ 19,221,701
2.5397%	Franklin	\$ 634,937	\$ 253,975	\$ -	\$ 4,728,753	\$ 5,617,664
0.3100%	Martha's Vineyard	\$ 77,492	\$ 30,997	\$ -	\$ 577,131	\$ 685,620
4.4296%	Merrimack Valley	\$ 1,107,389	\$ 442,956	\$ 351,000	\$ 7,896,392	\$ 9,797,737
4.4596%	Montachusett	\$ 1,114,889	\$ 445,955	\$ 86,238	\$ 8,217,005	\$ 9,864,087
0.2200%	Nantucket	\$ 54,995	\$ 21,998	\$ -	\$ 409,577	\$ 486,569
3.9096%	Northern Middlesex	\$ 977,402	\$ 390,961	\$ 281,909	\$ 6,997,392	\$ 8,647,664
4.5595%	Old Colony	\$ 1,139,886	\$ 455,954	\$ 344,808	\$ 8,144,607	\$ 10,085,255
10.8099%	Pioneer Valley	\$ 2,702,480	\$ 1,080,992	\$ 545,638	\$ 19,581,351	\$ 23,910,460
8.9601%	Southeastern Mass	\$ 2,240,026	\$ 896,010	\$ 492,430	\$ 16,190,387	\$ 19,818,854

**FFY 2018-2022 STIP  
2018 BUDGET**

Highway Division programs	\$	349,108,196	\$	74,875,779	\$	423,983,975
<b>Reliability programs</b>	\$	<b>303,108,196</b>	\$	<b>64,764,668</b>	\$	<b>367,872,864</b>
Bridge program	\$	170,824,000	\$	42,706,000	\$	213,530,000
<i>Inspections</i>	\$	14,320,000	\$	3,580,000	\$	17,900,000
<i>Systematic maintenance</i>	\$	8,000,000	\$	2,000,000	\$	10,000,000
<i>On-system NHS (minimum)</i>	\$	94,900,000	\$	23,725,000	\$	118,625,000
<i>On-System Non-NHS</i>	\$	25,104,000	\$	6,276,000	\$	31,380,000
<i>Off-system</i>	\$	28,500,000	\$	7,125,000	\$	35,625,000
Interstate pavement program	\$	46,605,000	\$	5,178,333	\$	51,783,333
Non-interstate DOT pavement program	\$	54,879,196	\$	12,277,557	\$	67,156,753
Roadway improvements program	\$	3,500,000	\$	875,000	\$	4,375,000
Safety improvements program	\$	27,300,000	\$	3,727,778	\$	31,027,778
<b>Modernization programs</b>	\$	<b>30,000,000</b>	\$	<b>6,111,111</b>	\$	<b>36,111,111</b>
ADA retrofits program	\$	-	\$	-	\$	-
Intersection improvements program	\$	15,000,000	\$	2,361,111	\$	17,361,111
Intelligent Transportation Systems program	\$	10,000,000	\$	2,500,000	\$	12,500,000
Roadway reconstruction program	\$	5,000,000	\$	1,250,000	\$	6,250,000
<b>Expansion programs</b>	\$	<b>16,000,000</b>	\$	<b>4,000,000</b>	\$	<b>20,000,000</b>
Bicycles and pedestrians program	\$	16,000,000	\$	4,000,000	\$	20,000,000
Capacity program	\$	-	\$	-	\$	-
<b>Total Budgeted Funding</b>	\$	<b>648,178,885</b>	\$	<b>132,056,924</b>	\$	<b>717,250,809</b>



**FFY 2018-2022 STIP  
2019 BUDGET**

		Obligation authority (federal aid only)	Matching funds	Total funding (federal aid + match)		
Base obligation authority		\$ 611,680,644				
Planned redistribution request		\$ 50,000,000				
Total Estimated Funding Available		\$ 661,680,644				
ABP GANS Repayment		\$ (66,015,000)				
Total non-earmarked funding available		\$ 595,665,644	\$ 138,437,244	\$ 734,102,889		
Planning / Adjustments / Pass-throughs						
Award adjustments, change orders, etc.		\$ 25,000,000	\$ 6,250,000	\$ 31,250,000		
Metropolitan planning		\$ 8,670,263	\$ 2,167,566	\$ 10,837,829		
State planning and research		\$ 14,026,697	\$ 3,506,674	\$ 17,533,371		
Recreational trails		\$ 1,186,729	\$ 296,682	\$ 1,483,411		
Railroad grade crossings		\$ 3,800,000	\$ 422,222	\$ 4,222,222		
MassRides program		\$ 2,660,000	\$ 665,000	\$ 3,325,000		
subtotal of planning / adjustments / pass-throughs		\$ 55,343,689	\$ 13,308,144	\$ 68,651,833		
Funding sources for regional priorities						
Congestion Mitigation Air Quality Improvements		\$ 20,000,000	\$ 5,000,000	\$ 25,000,000		
Highway Safety Improvement Program		\$ 9,000,000	\$ 1,000,000	\$ 10,000,000		
Transportation Alternatives Program		\$ 4,581,858	\$ 1,145,465	\$ 5,727,323		
Surface Transportation Program Block Grant		\$ 151,362,142	\$ 37,840,536	\$ 189,202,678		
subtotal of funding for regional priorities		\$ 184,944,000	\$ 44,986,000	\$ 229,930,000		
regional share %						
	CMAQ	HSIP	TAP	STPBG	Total	
3.5596%	Berkshire	\$ 889,911	\$ 355,964	\$ -	\$ 6,938,814	\$ 8,184,689
42.9671%	Boston	\$ 10,741,776	\$ 4,296,710	\$ 2,929,085	\$ 80,826,690	\$ 98,794,261
4.5851%	Cape Cod	\$ 1,146,285	\$ 458,514	\$ 205,809	\$ 8,732,008	\$ 10,542,616
8.6901%	Central Mass	\$ 2,172,533	\$ 869,013	\$ 490,405	\$ 16,449,267	\$ 19,981,218
2.5397%	Franklin	\$ 634,937	\$ 253,975	\$ -	\$ 4,950,727	\$ 5,839,638
0.3100%	Martha's Vineyard	\$ 77,492	\$ 30,997	\$ -	\$ 604,223	\$ 712,712
4.4296%	Merrimack Valley	\$ 1,107,389	\$ 442,956	\$ 351,000	\$ 8,283,535	\$ 10,184,880
4.4596%	Montachusett	\$ 1,114,889	\$ 445,955	\$ 86,238	\$ 8,606,770	\$ 10,253,853
0.2200%	Nantucket	\$ 54,995	\$ 21,998	\$ -	\$ 428,803	\$ 505,795
3.9096%	Northern Middlesex	\$ 977,402	\$ 390,961	\$ 281,909	\$ 7,339,092	\$ 8,989,364
4.5595%	Old Colony	\$ 1,139,886	\$ 455,954	\$ 344,808	\$ 8,543,111	\$ 10,483,760
10.8099%	Pioneer Valley	\$ 2,702,480	\$ 1,080,992	\$ 545,638	\$ 20,526,138	\$ 24,855,247
8.9601%	Southeastern Mass	\$ 2,240,026	\$ 896,010	\$ 492,430	\$ 16,973,500	\$ 20,601,967

**FFY 2018-2022 STIP  
2019 BUDGET**

Highway Division programs	\$	355,377,955	\$	80,143,100	\$	435,521,055
<b>Reliability programs</b>	\$	<b>277,657,955</b>	\$	<b>62,379,767</b>	\$	<b>340,037,722</b>
Bridge program	\$	147,807,955	\$	36,951,989	\$	<b>184,759,944</b>
<i>Inspections</i>	\$	-	\$	-	\$	-
<i>Systematic maintenance</i>	\$	8,000,000	\$	2,000,000	\$	10,000,000
<i>On-system NHS (minimum)</i>	\$	96,000,000	\$	24,000,000	\$	120,000,000
<i>On-System Non-NHS</i>	\$	15,307,955	\$	3,826,989	\$	19,134,944
<i>Off-system</i>	\$	28,500,000	\$	7,125,000	\$	35,625,000
Interstate pavement program	\$	27,650,000	\$	3,072,222	\$	<b>30,722,222</b>
Non-interstate DOT pavement program	\$	69,200,000	\$	17,300,000	\$	<b>86,500,000</b>
Roadway improvements program	\$	2,000,000	\$	500,000	\$	<b>2,500,000</b>
Safety improvements program	\$	31,000,000	\$	4,555,556	\$	<b>35,555,556</b>
<b>Modernization programs</b>	\$	<b>41,400,000</b>	\$	<b>8,683,333</b>	\$	<b>50,083,333</b>
ADA retrofits program	\$	2,400,000	\$	600,000	\$	<b>3,000,000</b>
Intersection improvements program	\$	19,000,000	\$	3,083,333	\$	<b>22,083,333</b>
Intelligent Transportation Systems program	\$	11,000,000	\$	2,750,000	\$	<b>13,750,000</b>
Roadway reconstruction program	\$	9,000,000	\$	2,250,000	\$	<b>11,250,000</b>
<b>Expansion programs</b>	\$	<b>36,320,000</b>	\$	<b>9,080,000</b>	\$	<b>45,400,000</b>
Bicycles and pedestrians program	\$	36,320,000	\$	9,080,000	\$	<b>45,400,000</b>
Capacity program	\$	-	\$	-	\$	-
<b>Total Budgeted Funding</b>	\$	<b>661,680,644</b>	\$	<b>138,437,244</b>	\$	<b>734,102,889</b>

**FFY 2018-2022 STIP  
2020 BUDGET**

		Obligation authority (federal aid only)	Matching funds	Total funding (federal aid + match)		
Base obligation authority		\$ 626,330,019				
Planned redistribution request		\$ 50,000,000				
Total Estimated Funding Available		\$ 676,330,019				
ABP GANS Repayment		\$ (104,275,000)				
Total non-earmarked funding available		\$ 572,055,019	\$ 132,099,079	\$ 704,154,098		
Planning / Adjustments / Pass-throughs						
Award adjustments, change orders, etc.		\$ 25,000,000	\$ 6,250,000	\$ 31,250,000		
Metropolitan planning		\$ 8,670,263	\$ 2,167,566	\$ 10,837,829		
State planning and research		\$ 14,026,697	\$ 3,506,674	\$ 17,533,371		
Recreational trails		\$ 1,186,729	\$ 296,682	\$ 1,483,411		
Railroad grade crossings		\$ 2,000,000	\$ 222,222	\$ 2,222,222		
MassRides program		\$ 2,660,000	\$ 665,000	\$ 3,325,000		
subtotal of planning / adjustments / pass-throughs		\$ 53,543,689	\$ 13,108,144	\$ 66,651,833		
Funding sources for regional priorities						
Congestion Mitigation Air Quality Improvements		\$ 20,000,000	\$ 5,000,000	\$ 25,000,000		
Highway Safety Improvement Program		\$ 9,000,000	\$ 1,000,000	\$ 10,000,000		
Transportation Alternatives Program		\$ 4,581,858	\$ 1,145,465	\$ 5,727,323		
Surface Transportation Program Block Grant		\$ 149,938,142	\$ 37,484,536	\$ 187,422,678		
subtotal of funding for regional priorities		\$ 183,520,000	\$ 44,630,000	\$ 228,150,000		
regional share %						
	CMAQ	HSIP	TAP	STPBG	Total	
3.5596%	Berkshire	\$ 889,911	\$ 355,964	\$ -	\$ 6,875,452	\$ 8,121,328
42.9671%	Boston	\$ 10,741,776	\$ 4,296,710	\$ 2,929,085	\$ 80,061,875	\$ 98,029,447
4.5851%	Cape Cod	\$ 1,146,285	\$ 458,514	\$ 205,809	\$ 8,650,392	\$ 10,461,000
8.6901%	Central Mass	\$ 2,172,533	\$ 869,013	\$ 490,405	\$ 16,294,583	\$ 19,826,534
2.5397%	Franklin	\$ 634,937	\$ 253,975	\$ -	\$ 4,905,519	\$ 5,794,430
0.3100%	Martha's Vineyard	\$ 77,492	\$ 30,997	\$ -	\$ 598,705	\$ 707,194
4.4296%	Merrimack Valley	\$ 1,107,389	\$ 442,956	\$ 351,000	\$ 8,204,689	\$ 10,106,034
4.4596%	Montachusett	\$ 1,114,889	\$ 445,955	\$ 86,238	\$ 8,527,390	\$ 10,174,472
0.2200%	Nantucket	\$ 54,995	\$ 21,998	\$ -	\$ 424,888	\$ 501,880
3.9096%	Northern Middlesex	\$ 977,402	\$ 390,961	\$ 281,909	\$ 7,269,501	\$ 8,919,773
4.5595%	Old Colony	\$ 1,139,886	\$ 455,954	\$ 344,808	\$ 8,461,951	\$ 10,402,600
10.8099%	Pioneer Valley	\$ 2,702,480	\$ 1,080,992	\$ 545,638	\$ 20,333,721	\$ 24,662,830
8.9601%	Southeastern Mass	\$ 2,240,026	\$ 896,010	\$ 492,430	\$ 16,814,010	\$ 20,442,477

**FFY 2018-2022 STIP  
2020 BUDGET**

Highway Division programs	\$	334,991,330	\$	74,360,935	\$	409,352,265
<b>Reliability programs</b>	\$	<b>280,591,330</b>	\$	<b>62,844,268</b>	\$	<b>343,435,598</b>
Bridge program	\$	154,820,000	\$	38,705,000	\$	193,525,000
<i>Inspections</i>	\$	14,320,000	\$	3,580,000	\$	17,900,000
<i>Systematic maintenance</i>	\$	8,000,000	\$	2,000,000	\$	10,000,000
<i>On-system NHS (minimum)</i>	\$	94,900,000	\$	23,725,000	\$	118,625,000
<i>On-System Non-NHS</i>	\$	9,100,000	\$	2,275,000	\$	11,375,000
<i>Off-system</i>	\$	28,500,000	\$	7,125,000	\$	35,625,000
Interstate pavement program	\$	37,585,665	\$	4,176,185	\$	41,761,850
Non-interstate DOT pavement program	\$	65,185,665	\$	16,296,416	\$	81,482,081
Roadway improvements program	\$	3,000,000	\$	750,000	\$	3,750,000
Safety improvements program	\$	20,000,000	\$	2,916,667	\$	22,916,667
<b>Modernization programs</b>	\$	<b>34,400,000</b>	\$	<b>6,516,667</b>	\$	<b>40,916,667</b>
ADA retrofits program	\$	-	\$	-	\$	-
Intersection improvements program	\$	17,000,000	\$	2,166,667	\$	19,166,667
Intelligent Transportation Systems program	\$	10,000,000	\$	2,500,000	\$	12,500,000
Roadway reconstruction program	\$	7,400,000	\$	1,850,000	\$	9,250,000
<b>Expansion programs</b>	\$	<b>20,000,000</b>	\$	<b>5,000,000</b>	\$	<b>25,000,000</b>
Bicycles and pedestrians program	\$	20,000,000	\$	5,000,000	\$	25,000,000
Capacity program	\$	-	\$	-	\$	-
<b>Total Budgeted Funding</b>	\$	<b>676,330,019</b>	\$	<b>132,099,079</b>	\$	<b>704,154,098</b>

**FFY 2018-2022 STIP  
2021 BUDGET**

		Obligation authority (federal aid only)	Matching funds	Total funding (federal aid + match)		
Base obligation authority		\$ 641,988,270				
Planned redistribution request		\$ 50,000,000				
Total Estimated Funding Available		\$ 691,988,270				
ABP GANS Repayment		\$ (107,700,000)				
Total non-earmarked funding available		\$ 584,288,270	\$ 137,774,209	\$ 722,062,479		
Planning / Adjustments / Pass-throughs						
Award adjustments, change orders, etc.		\$ 20,000,000	\$ 5,000,000	\$ 25,000,000		
Metropolitan planning		\$ 8,670,263	\$ 2,167,566	\$ 10,837,829		
State planning and research		\$ 14,026,697	\$ 3,506,674	\$ 17,533,371		
Recreational trails		\$ 1,186,729	\$ 296,682	\$ 1,483,411		
Railroad grade crossings		\$ 2,000,000	\$ 222,222	\$ 2,222,222		
MassRides program		\$ 2,660,000	\$ 665,000	\$ 3,325,000		
subtotal of planning / adjustments / pass-throughs		\$ 48,543,689	\$ 11,858,144	\$ 60,401,833		
Funding sources for regional priorities						
Congestion Mitigation Air Quality Improvements		\$ 20,000,000	\$ 5,000,000	\$ 25,000,000		
Highway Safety Improvement Program		\$ 9,000,000	\$ 1,000,000	\$ 10,000,000		
Transportation Alternatives Program		\$ 4,581,858	\$ 1,145,465	\$ 5,727,323		
Surface Transportation Program Block Grant		\$ 154,162,142	\$ 38,540,536	\$ 192,702,678		
subtotal of funding for regional priorities		\$ 187,744,000	\$ 45,686,000	\$ 233,430,000		
regional share %						
	CMAQ	HSIP	TAP	STPBG	Total	
3.5596%	Berkshire	\$ 889,911	\$ 355,964	\$ -	\$ 7,063,402	\$ 8,309,277
42.9671%	Boston	\$ 10,741,776	\$ 4,296,710	\$ 2,929,085	\$ 82,330,538	\$ 100,298,110
4.5851%	Cape Cod	\$ 1,146,285	\$ 458,514	\$ 205,809	\$ 8,892,488	\$ 10,703,096
8.6901%	Central Mass	\$ 2,172,533	\$ 869,013	\$ 490,405	\$ 16,753,422	\$ 20,285,373
2.5397%	Franklin	\$ 634,937	\$ 253,975	\$ -	\$ 5,039,618	\$ 5,928,529
0.3100%	Martha's Vineyard	\$ 77,492	\$ 30,997	\$ -	\$ 615,071	\$ 723,561
4.4296%	Merrimack Valley	\$ 1,107,389	\$ 442,956	\$ 351,000	\$ 8,438,570	\$ 10,339,915
4.4596%	Montachusett	\$ 1,114,889	\$ 445,955	\$ 86,238	\$ 8,762,855	\$ 10,409,937
0.2200%	Nantucket	\$ 54,995	\$ 21,998	\$ -	\$ 436,502	\$ 513,495
3.9096%	Northern Middlesex	\$ 977,402	\$ 390,961	\$ 281,909	\$ 7,475,928	\$ 9,126,200
4.5595%	Old Colony	\$ 1,139,886	\$ 455,954	\$ 344,808	\$ 8,702,695	\$ 10,643,344
10.8099%	Pioneer Valley	\$ 2,702,480	\$ 1,080,992	\$ 545,638	\$ 20,904,485	\$ 25,233,594
8.9601%	Southeastern Mass	\$ 2,240,026	\$ 896,010	\$ 492,430	\$ 17,287,104	\$ 20,915,571

**FFY 2018-2022 STIP  
2021 BUDGET**

Highway Division programs	\$	348,000,581	\$	80,230,065	\$	428,230,646
<b>Reliability programs</b>	\$	<b>239,280,581</b>	\$	<b>54,577,842</b>	\$	<b>293,858,423</b>
Bridge program	\$	140,500,000	\$	35,125,000	\$	175,625,000
<i>Inspections</i>	\$	-	\$	-	\$	-
<i>Systematic maintenance</i>	\$	8,000,000	\$	2,000,000	\$	10,000,000
<i>On-system NHS (minimum)</i>	\$	94,900,000	\$	23,725,000	\$	118,625,000
<i>On-System Non-NHS</i>	\$	9,100,000	\$	2,275,000	\$	11,375,000
<i>Off-system</i>	\$	28,500,000	\$	7,125,000	\$	35,625,000
Interstate pavement program	\$	24,744,581	\$	2,749,398	\$	27,493,979
Non-interstate DOT pavement program	\$	54,036,000	\$	13,509,000	\$	67,545,000
Roadway improvements program	\$	3,000,000	\$	750,000	\$	3,750,000
Safety improvements program	\$	17,000,000	\$	2,444,444	\$	19,444,444
<b>Modernization programs</b>	\$	<b>80,720,000</b>	\$	<b>18,652,222</b>	\$	<b>99,372,222</b>
ADA retrofits program	\$	1,400,000	\$	350,000	\$	1,750,000
Intersection improvements program	\$	16,000,000	\$	2,472,222	\$	18,472,222
Intelligent Transportation Systems program	\$	8,000,000	\$	2,000,000	\$	10,000,000
Roadway reconstruction program	\$	55,320,000	\$	13,830,000	\$	69,150,000
<b>Expansion programs</b>	\$	<b>28,000,000</b>	\$	<b>7,000,000</b>	\$	<b>35,000,000</b>
Bicycles and pedestrians program	\$	28,000,000	\$	7,000,000	\$	35,000,000
Capacity program	\$	-	\$	-	\$	-
<b>Total Budgeted Funding</b>	\$	<b>691,988,270</b>	\$	<b>137,774,209</b>	\$	<b>722,062,479</b>



**FFY 2018-2022 STIP  
2022 BUDGET**

		Obligation authority (federal aid only)	Matching funds	Total funding (federal aid + match)		
Base obligation authority		\$ 658,744,163				
Planned redistribution request		\$ 50,000,000				
Total Estimated Funding Available		\$ 708,744,163				
ABP GANS Repayment		\$ (116,770,949)				
Total non-earmarked funding available		\$ 591,973,214	\$ 139,255,869	\$ 731,229,083		
Planning / Adjustments / Pass-throughs						
Award adjustments, change orders, etc.		\$ 20,000,000	\$ 5,000,000	\$ 25,000,000		
Metropolitan planning		\$ 8,670,263	\$ 2,167,566	\$ 10,837,829		
State planning and research		\$ 14,026,697	\$ 3,506,674	\$ 17,533,371		
Recreational trails		\$ 1,186,729	\$ 296,682	\$ 1,483,411		
Railroad grade crossings		\$ 2,000,000	\$ 222,222	\$ 2,222,222		
MassRides program		\$ 2,660,000	\$ 665,000	\$ 3,325,000		
subtotal of planning / adjustments / pass-throughs		\$ 48,543,689	\$ 11,858,144	\$ 60,401,833		
Funding sources for regional priorities						
Congestion Mitigation Air Quality Improvements		\$ 20,000,000	\$ 5,000,000	\$ 25,000,000		
Highway Safety Improvement Program		\$ 9,000,000	\$ 1,000,000	\$ 10,000,000		
Transportation Alternatives Program		\$ 4,581,858	\$ 1,145,465	\$ 5,727,323		
Surface Transportation Program Block Grant		\$ 156,474,142	\$ 39,118,536	\$ 195,592,678		
regional share % subtotal of funding for regional priorities		\$ 190,056,000	\$ 46,264,000	\$ 236,320,000		
		CMAQ	HSIP	TAP	STPBG	Total
3.5596%	Berkshire	\$ 889,911	\$ 355,964	\$ -	\$ 7,166,275	\$ 8,412,151
42.9671%	Boston	\$ 10,741,776	\$ 4,296,710	\$ 2,929,085	\$ 83,572,288	\$ 101,539,859
4.5851%	Cape Cod	\$ 1,146,285	\$ 458,514	\$ 205,809	\$ 9,024,998	\$ 10,835,606
8.6901%	Central Mass	\$ 2,172,533	\$ 869,013	\$ 490,405	\$ 17,004,566	\$ 20,536,518
2.5397%	Franklin	\$ 634,937	\$ 253,975	\$ -	\$ 5,113,017	\$ 6,001,928
0.3100%	Martha's Vineyard	\$ 77,492	\$ 30,997	\$ -	\$ 624,030	\$ 732,519
4.4296%	Merrimack Valley	\$ 1,107,389	\$ 442,956	\$ 351,000	\$ 8,566,584	\$ 10,467,929
4.4596%	Montachusett	\$ 1,114,889	\$ 445,955	\$ 86,238	\$ 8,891,736	\$ 10,538,818
0.2200%	Nantucket	\$ 54,995	\$ 21,998	\$ -	\$ 442,860	\$ 519,852
3.9096%	Northern Middlesex	\$ 977,402	\$ 390,961	\$ 281,909	\$ 7,588,916	\$ 9,239,188
4.5595%	Old Colony	\$ 1,139,886	\$ 455,954	\$ 344,808	\$ 8,834,466	\$ 10,775,114
10.8099%	Pioneer Valley	\$ 2,702,480	\$ 1,080,992	\$ 545,638	\$ 21,216,891	\$ 25,546,001
8.9601%	Southeastern Mass	\$ 2,240,026	\$ 896,010	\$ 492,430	\$ 17,546,051	\$ 21,174,518

**FFY 2018-2022 STIP  
2022 BUDGET**

Highway Division programs	\$	353,373,525	\$	81,133,725	\$	434,507,250
<b>Reliability programs</b>	\$	<b>246,873,525</b>	\$	<b>56,592,058</b>	\$	<b>303,465,583</b>
Bridge program	\$	154,820,000	\$	38,705,000	\$	<b>193,525,000</b>
<i>Inspections</i>	\$	14,320,000	\$	3,580,000	\$	17,900,000
<i>Systematic maintenance</i>	\$	8,000,000	\$	2,000,000	\$	10,000,000
<i>On-system NHS (minimum)</i>	\$	94,900,000	\$	23,725,000	\$	118,625,000
<i>On-System Non-NHS</i>	\$	9,100,000	\$	2,275,000	\$	11,375,000
<i>Off-system</i>	\$	28,500,000	\$	7,125,000	\$	35,625,000
Interstate pavement program	\$	22,909,525	\$	2,545,503	\$	<b>25,455,028</b>
Non-interstate DOT pavement program	\$	51,144,000	\$	12,786,000	\$	<b>63,930,000</b>
Roadway improvements program	\$	1,000,000	\$	250,000	\$	<b>1,250,000</b>
Safety improvements program	\$	17,000,000	\$	2,305,556	\$	<b>19,305,556</b>
<b>Modernization programs</b>	\$	<b>78,500,000</b>	\$	<b>17,541,667</b>	\$	<b>96,041,667</b>
ADA retrofits program	\$	-	\$	-	\$	-
Intersection improvements program	\$	15,000,000	\$	1,666,667	\$	<b>16,666,667</b>
Intelligent Transportation Systems program	\$	8,000,000	\$	2,000,000	\$	<b>10,000,000</b>
Roadway reconstruction program	\$	55,500,000	\$	13,875,000	\$	<b>69,375,000</b>
<b>Expansion programs</b>	\$	<b>28,000,000</b>	\$	<b>7,000,000</b>	\$	<b>35,000,000</b>
Bicycles and pedestrians program	\$	28,000,000	\$	7,000,000	\$	<b>35,000,000</b>
Capacity program	\$	-	\$	-	\$	-
<b>Total Budgeted Funding</b>	\$	<b>708,744,163</b>	\$	<b>139,255,869</b>	\$	<b>731,229,083</b>

## Transit funding overview

The Federal Transit Administration (FTA) provides financial assistance to develop new transit systems and improve, maintain, and operate existing systems. FTA funds are provided directly to the MBTA and Regional Transit Authorities (RTAs) throughout the Commonwealth. The federal funding sources are presented below:

### **Urbanized Area Formula Grant - Section 5307**

5307 program funds are used for public transportation capital and operating assistance and for transportation-related planning. Eligible activities include planning, engineering design, capital investments in bus and bus-related activities, crime prevention and security equipment, construction of maintenance and passenger facilities, and capital investments in new and existing fixed guideway systems including rolling stock, the overhaul and rebuilding of vehicles, track, signals, communications, and computer hardware and software.

### **Fixed-Guideway Capital Investment Grants – Section 5309**

5309 provides grants for new and expanded rail, bus rapid transit, and ferry systems that reflect local priorities to improve transportation options in key corridors. This program defines a new category of eligible projects, known as core capacity projects, which expand capacity by at least 10% in existing fixed-guideway transit corridors that are already at or above capacity today, or are expected to be at or above capacity within five years.

### **Enhanced Mobility of Seniors and Individuals with Disabilities - Section 5310**

5310 program funds are used to improve mobility for seniors and individuals with disabilities throughout the country. FTA provides financial assistance for transportation services planned, designed, and carried out to meet the special transportation needs of elderly individuals and individuals with disabilities in all areas—urbanized, small urban, and rural.

MassDOT administers the Section 5310 program through a single application process that includes Section 5310, 5339 and the Commonwealth funded Mobility Assistance Program (MAP). A committee advises MassDOT by reviewing and scoring applications for funding under 5310 and MAP. Once applicants are selected, MassDOT develops the program of projects and submits the Section 5310 application to FTA.

### **Formula Grant for Rural Areas - Section 5311**

5311 program funds are used to enhance access for people in non-urbanized areas to health care, shopping, education, employment, public services, and recreation; they are also used to assist in the maintenance, development, improvement, and use of public transportation systems in non-urbanized areas.

### **State of Good Repair Grants - Section 5337**

5337 is a formula-based State of Good Repair program dedicated to repairing and upgrading the nation's rail transit systems along with high-

intensity motor bus systems that use high-occupancy vehicle lanes, including bus rapid transit (BRT).

### **Bus and Bus Facilities - Section 5339**

5339 program funds are used to provide funds to replace, rehabilitate, and purchase buses and related equipment as well as construction of bus-related facilities.

In addition, the Commonwealth and local entities provide the required match to federal funds from the following sources:

### **Regional Transit Authority Capital Assistance – RTACAP**

RTACAP are state funds primarily used for RTA capital projects, including matching funds for federally funded projects.

### **Mobility Assistance Program - MAP**

MAP funds are state capital dollars for the purchase of vehicles to be used in the provision of transportation services to the elderly and persons with disabilities. MAP is administered under the Section 5310 program.

### **State Contract Assistance - SCA**

SCA funds are state operating assistance for transit, provided through the Commonwealth Transportation Fund (CTF) and the Massachusetts Transportation Trust Fund (MTTF). These funds are used for operating expenditures through contracts between the RTAs and MassDOT's Rail and Transit Division.

### **Transportation Development Credits - TDC**

FHWA and FTA allow states to substitute certain previously financed toll investments for state matching funds to federal projects. This permits states to use TDCs, commonly known as Toll Credits, to match federal funds.

### **Local Funds**

These funds include any local contributions to transit operations.



Transit provider	2018-2022 total funding programmed:
Brockton Area Transit	
Berkshire Regional Transit Authority	\$46,291,000
Cape Ann Transit Authority	
Cape Cod Regional Transit Authority	\$4,965,950
Franklin Regional Transit Authority	\$3,774,023
Greater Attleboro-Taunton Regional Transit Authority	\$64,193,932
Lowell Regional Transit Authority	\$10,953,955
Massachusetts Bay Transportation Authority	\$44,252,419
Merrimack Valley Regional Transit Authority	\$3,036,448,208
MetroWest Regional Transit Authority	\$63,067,326
Montachusett Regional Transit Authority	
Nantucket Regional Transit Authority	\$48,279,528
Pioneer Valley Regional Transit Authority	\$11,521,345
Southeastern Regional Transit Authority	\$26,076,250
Vineyard Transit Authority	\$5,746,798
Worcester Regional Transit Authority	\$145,760,771
	\$76,856,977
	\$22,945,866
	\$101,436,981

*Note: Total funding programmed includes federal, state and local sources*

## Programming the STIP

### How is a TIP developed?

Development of a TIP is a cooperative effort among MPO members, communities, and elected officials. MPO staff and MassDOT jointly manage the roadway, bridge and intermodal portion of the TIP. The Office of Transportation Planning (OTP) and the MassDOT Highway Division District offices generally represent the MassDOT Secretary & CEO and the MassDOT Highway Division Administrator during the development of the TIP, with the Chief Engineer, Highway Engineering, Right of Way, and Environmental departments participating in the development of each regional TIP through an annual “TIP Day” in which recommendations are made to each MPO staff concerning proposed investments.

The TIP development process begins with a public announcement and solicitation of investments from community partners to be recommended for TIP programming. Based on public input and a scoring of projects, each MPO staff and MassDOT develop a preliminary proposal of highway investments to be funded. For transit each RTA works with MPO staff and MassDOT to develop a preliminary proposal for transit projects to be funded. The MPO comments on these proposals, makes changes as needed, and votes to release the proposals for a twenty-one day public comment period. During this time, the TIP is reviewed by each MPO’s advisory committee and adjusted based on public comment. Finally, the MPO meets to formally endorse the TIP.

## How does MassDOT involve the public?

Since the STIP is a compilation of regional TIPs – containing both state and regional projects – MassDOT utilizes the public outreach program of the MPOs to gain feedback and hear regional perspectives. Once the STIP is assembled, a draft version is published on MassDOT’s website

(<http://www.massdot.state.ma.us/planning/Main/StatewidePlans/StateTransportationImprovementProgram.aspx>) and MPOs are requested to inform their stakeholders of the opportunity to comment. The STIP webpage provides an option to sign up for notifications of changes to the STIP, which is an excellent resource for the Commonwealth’s residents to remain informed and up to date on transportation projects throughout the Commonwealth. After the close of a 21-day comment period, MassDOT summarizes and considers all comments received, and includes the comments received in the Appendix.

## How are projects added or subtracted from the STIP?

The STIP is a “living” document and is likely to be modified during the course of the year. This typically requires formal MPO endorsement, including a public comment period, of a TIP “amendment,” a process that can take up to twelve weeks. In some cases, however, the change can be accomplished through a TIP “adjustment,” with MPO consensus. MPO staff advise on which procedure is needed based on each MPO’s bylaws. Once an adjustment or amendment occurs on a regional TIP, it is transmitted to MassDOT to adjust or amend the STIP. Following STIP modification, MassDOT requests approval from our federal partners. Should MassDOT need to amend the STIP for investments that do not

appear on a regional TIP, a public comment period is commenced for twenty one days, and the amendment is posted to the MassDOT STIP webpage. To be notified about STIP amendments, please sign-up through the STIP webpage located at:

<http://www.massdot.state.ma.us/planning/Main/StatewidePlans/StateTransportationImprovementProgram.aspx>

### **How are projects prioritized?**

As projects progress through the development process, funding must be identified in order for them to be constructed. MassDOT and our MPO partners utilize an evaluation process to consider the merits of each project. MPOs use established Transportation Evaluation Criteria to score projects, while MassDOT utilizes asset management systems and a new evaluation system which started in 2017. This evaluation system is multimodal and an outcome of the Project Selection Advisory Council. After evaluation, MPOs convene to choose projects for their respective regional TIPs. Stakeholders are encouraged to participate in the project prioritization process, as well as community-based organizations, such as advocates and social service agencies, to assure that the views and opinions of all transportation users are incorporated into the decision making process.

## Federal Emphasis Areas

### Transition to performance based planning

The United States Department of Transportation (USDOT) is currently working with states and MPOs to transition towards the implementation of performance based planning. This transition was established under MAP-21 and is continued under the current federal transportation authorization “Fixing America’s Surface Transportation” (FAST Act). This legislation integrated performance management into many federal transportation programs.

The national performance goals for the Federal highway programs are as follows:



**Safety**

- To achieve a significant reduction in traffic fatalities and serious injuries on all public roads.



**Infrastructure condition**

- To maintain the highway infrastructure asset system in a state of good repair



**Congestion reduction**

- To achieve a significant reduction in congestion on the National Highway System



**System reliability**

- To improve the efficiency of the surface transportation system



**Freight movement and economic vitality**

- To improve the national freight network, strengthen the ability of rural communities to access national and international trade markets, and support regional economic development



**Environmental sustainability**

- To enhance the performance of the transportation system while protecting and enhancing the natural environment



**Reduced project delivery delays**

- To reduce project costs, promote jobs and the economy, and expedite the movement of people and goods by accelerating project completion by eliminating delays in the project development and delivery process, including reducing regulatory burdens and improving agencies' work practices



FHWA has published three rules in the Federal Register related to the National Performance Management Measure Regulations, which assess the performance of federal funding programs and the planning process. These rules establish a set of performance measures for State DOTs and MPOs to adhere to.

MassDOT, through the Office of Transportation Planning and the Office of Performance Management and Innovation, is currently working with a sub-committee of representatives from the Massachusetts Association of Regional Planning Agencies (MARPA) on the implementation of performance based planning. As each subsequent rule is finalized, the sub-committee will work cooperatively to establish targets, as required.

### **Models of Regional Planning Cooperation**

This initiative from FHWA seeks to develop multi-jurisdictional transportation plans and agreements to improve communication, collaboration, policy implementation, technology use, and performance management across agency boundaries. MassDOT collaborates with our MPO partners and RTAs throughout the year, but most intensively through MARPA, including the Transportation Managers' Group (TMG) and the Massachusetts Association of Regional Transit Authorities (MARTA).

*Note: The Transportation Managers Group (TMG) includes representatives from each of the RPAs in the Commonwealth who convene regularly to discuss pertinent transportation planning topics. This meeting is attended by the Office of Transportation Planning, Federal Highway Administration and Federal Transit Administration.*

## **Ladders of Opportunity**

USDOT understands that transportation plays a critical role in building connections between individuals and economic opportunity. USDOT seeks to ensure that our national transportation system provides reliable, safe, and affordable ways to reach jobs, education, and other essential services. USDOT emphasizes the point that choices made regarding transportation infrastructure at the Federal, State, and local levels can revitalize communities, create pathways to work, and connect hardworking Americans to a better quality of life.

## Public participation in STIP development

Over the course of the past year, the MPOs have held, or been a part of, many public meetings to discuss the development of their respective TIPs across the Commonwealth. These meetings provide an opportunity for members of the public, elected officials, and other stakeholders to weigh-in on regional priorities for transportation investments. Meetings took the form of advisory committee meetings, MPO meetings, participation in community events and festivals, and visioning workshops at local libraries. This extensive effort to include public input into TIP development at the regional level ensures that the Massachusetts' STIP (a compilation of the TIPs) is an improvement program that is informed by the priorities of regional partners, of communities, of the public at large, and of the state. Members of the public are encouraged to participate in the selection and programming of projects. Information about the TIP development process, schedule of workshops, and meetings are available on each of the MPO's websites, which can be accessed here:

<https://www.massdot.state.ma.us/planning/Main/PlanningProcess/RegionalPlanning.aspx>

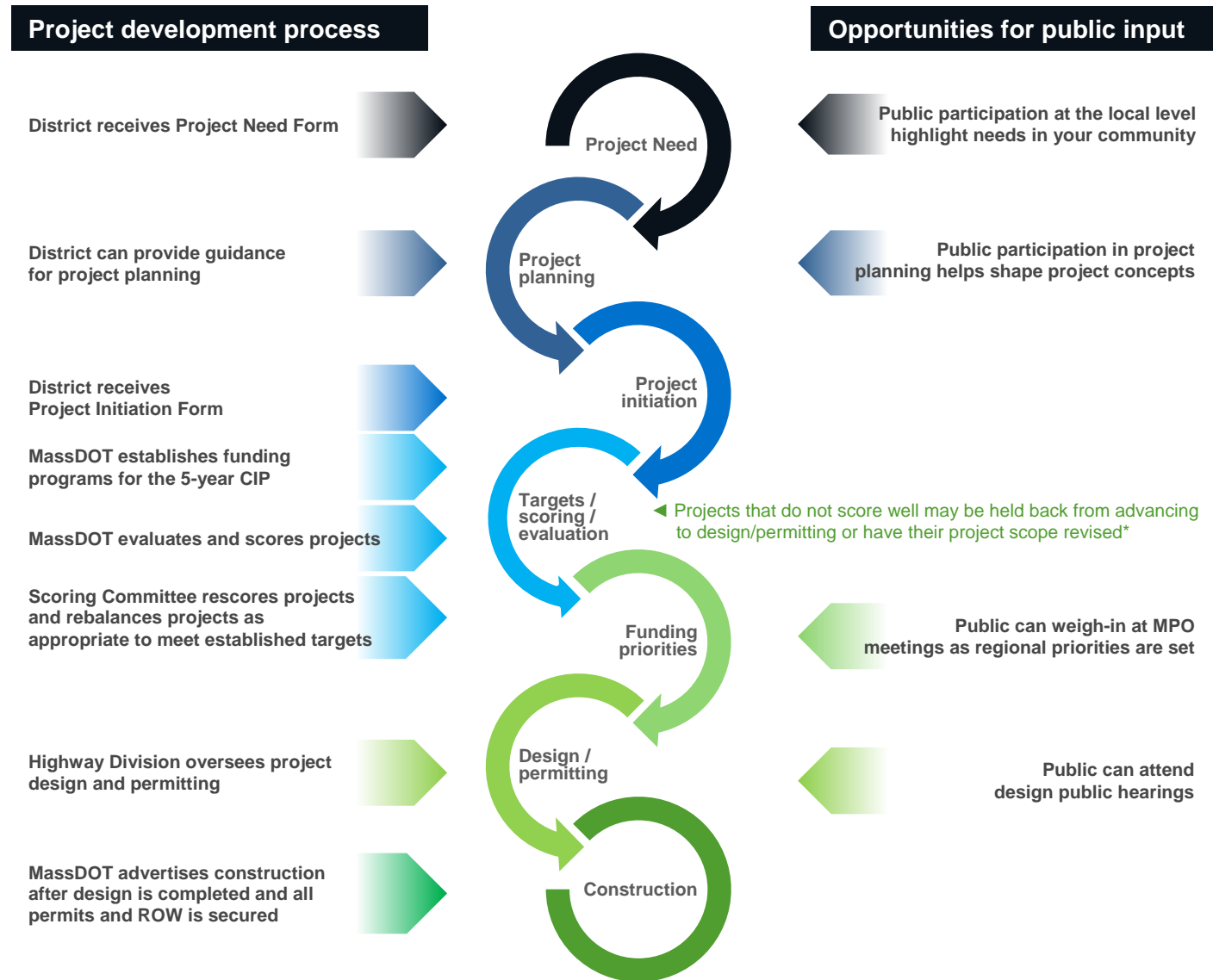
Each of the MPOs utilizes their approved Public Participation Plan (PPP) to facilitate and guide participation at the regional level. PPPs document the process by which the MPOs conduct outreach, identify opportunities to engage the public in the transportation planning process, and outline procedures for the MPO to follow, such as notifications and comment periods. Each region has a

public involvement strategy unique to their regional needs, priorities, and demographics. Title VI of the Civil Rights Act, Environmental Justice, and the Americans with Disabilities Act are incorporated into the public involvement strategies, ensuring full accessibility to all members of the public. Enhanced consideration is paid to those who have historically been excluded from, or faced barriers to participating in, the transportation planning process.

Roadway, bridge, bicycle and pedestrian investments are initiated by communities and MassDOT through the [MassDOT Highway Division Project Development Process](#). Communities will formulate a project concept based on need, and before presenting the project concept to MassDOT, are expected to engage residents and businesses to further refine the need for and goals of the project. The project is then presented to MassDOT for formal acceptance into the project development process. Projects then proceed to design, where there are additional opportunities for the public to weigh-in at design public hearings.

Transit investments prioritized in this STIP are identified by the MBTA and RTAs in collaboration with local communities and MPOs utilizing their established planning processes. For RTAs, the MPO public participation process is utilized as their engagement mechanism.

**Figure 4 - Project development milestones and opportunities to participate**



\* The targets/scoring/evaluation step was one of the recommendations of the [Project Selection Advisory Council](#) which was created by the General Court to assist MassDOT in creating uniform project selection criteria for transportation investments.

## **What is the role of advisory committees?**

These committees advise the MPOs on regional transportation issues and play an active role in setting regional priorities in the TIP development process. The names of these groups vary among MPOs. Examples are: Joint Transportation Committee, Transportation Planning Advisory Group, Joint Transportation Planning Group. OTP is an active, though non-voting, member of these committees as they advise each MPO on regional priorities.

## **How does MassDOT work towards transportation equity?**

### **Title VI and Environmental Justice**

Title VI of the Civil Rights Act of 1964 (Title VI) states that “no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance.” MassDOT’s programs, services, and activities, including those related to project planning and development, comply with Title VI. In the context of STIP development, Title VI related activities include, but are not limited to: promoting public participation in the planning and design of transportation projects, removing barriers to participation, and working to avoid disparities in the distribution of transportation investments and the impacts created thereby. The integration of federal and state nondiscrimination obligations and principles into MassDOT’s work is framed in the Title VI/Nondiscrimination Program(s) under which the agency operates. These programs can be found online on the MassDOT Office of Diversity and



Civil Rights (ODCR) webpage at

<http://www.massdot.state.ma.us/OfficeofCivilRights/TitleVI.aspx>.

The regional planning organizations and municipalities involved in transportation planning and project development activities also operate all programs, services, and activities in compliance with Title VI/Nondiscrimination obligations. This means that the local and regional efforts to promote and advance transportation initiatives and projects are developed and assessed in a manner mindful of Title VI/Nondiscrimination principles.

Additionally, MassDOT incorporates Environmental Justice (EJ) principles into project development activities that inform the development of the STIP. EJ analyses strive to quantify the impacts that low-income and minority individuals and communities face given the programs and policies advanced by an agency or organization. Disproportionately high adverse impacts on these populations may require active steps to minimize or mitigate those impacts. The transportation projects within the STIP have been analyzed according to these principles and the distribution of the universe of programmed projects and the specific elements of individual projects are designed to comply with EJ principles.

### **The Americans with Disabilities Act**

Under Title II of the Americans with Disabilities Act (ADA), MassDOT's programs, services, activities, and facilities must be accessible to people with disabilities. In the STIP context, this accessibility obligation reaches the transportation projects and plans reflected in the document and the public engagement processes, both

regionally and statewide, related to these efforts. This means that public meetings must be held in accessible locations and materials must be made available in accessible formats. Any accessibility related requests can be directed to the point of contact identified in the Title VI Notice to Beneficiaries on page 8.

## Operating and maintaining the transportation system

MassDOT, the MBTA and our regional transit partners strive to operate and maintain the existing transportation system we have. The 2018-2022 Capital Investment Plan (CIP) update contains a portfolio of strategic investments organized into three priority areas of descending importance: system reliability, modernization, and capacity expansion. These priorities form the foundation of the statewide CIP as well as the STIP. While the CIP identifies all of the sources and uses of transportation funding programmed, the STIP specifically programs funding for federally-aided highway and transit projects that align with and promote the priorities outlined in the CIP.

MassDOT Highway Division capital investments total over \$6 billion and a significant portion is allocated to improve the reliability and efficiency of the overall roadway network - mainly by improving bridge and pavement conditions. The FY 18-22 CIP increases investments in the Interstate and Non-Interstate pavement programs to \$825 million.

Bridges across the state also need attention. While the Accelerated Bridge Program has been able to complete critically important, high-cost mega-projects, the FY 18-22 CIP calls for \$2 billion for ongoing bridge repair and replacement. If extended for a full decade, this level of investment would reduce the proportion of Massachusetts bridges that are structurally deficient. Additionally, the CIP funds a Municipal Bridge Program with \$50 million for smaller, municipally owned

bridges which, while ineligible for federal funding and chronically difficult to fund, are crucial for mobility and economic activity in small communities.

The updated five-year capital plan for the MBTA emphasizes reliability, with annual spending of about \$796 million in FY18 and ramping up to over \$1 billion annually by FY21 in order to reduce the MBTA's estimated \$7.4 billion backlog in state of good repair projects. \$1.7 billion over five years is designated for the revenue vehicle program, which includes the acquisition of new vehicles (e.g., Red and Orange Line cars, buses); capital maintenance of the existing subway fleet; as well as commuter rail locomotives and coaches. More than \$1.2 billion is programmed for track, signal, and power projects on the Red, Orange, and Green lines and the commuter rail system. Reliability investments also include \$513 million for upgrades to stations and facilities, including the Cabot and Wellington vehicle maintenance facilities, Wollaston station and parking garages on the Red Line, and the Ruggles and Winchester commuter rail stations. The MBTA's \$545 million bridge program also includes \$90 million for the Gloucester drawbridge and \$63 million to repair the North Station "Draw 1" bridge. In addition to these Reliability/SGR projects, the capital plan also includes funding for modernization and safety projects such as AFC 2.0, Green Line Train Protection and Commuter Rail Positive Train Control, and targeted expansion projects such as the Green Line Extension and Silver Line Gateway.

MassDOT will continue to provide the Commonwealth's 15 Regional Transit Authorities with an aggregate total of \$20-25 million annually in capital assistance to further enhance their reliability of service. The CIP calls for \$58 million for

vehicle replacement, \$36.8 million for facility and system modernization, \$10 million for facility and vehicle maintenance and \$55.8 million for replacement facilitates. Through the Mobility Assistance program, MassDOT provides an additional \$50.1 million in state and federal funds to help communities purchase vehicles and transport senior citizens and customers with disabilities.

## **Chapter 90**

The Chapter 90 program entitles municipalities to receive reimbursement for capital improvement projects for highway construction, preservation, and improvement that create or extend the life of capital facilities. The funds can be used for maintaining, repairing, improving, or constructing town and county ways and bridges that qualify under the State Aid Highway Guidelines. Items eligible for Chapter 90 funding include roadways, sidewalks, right-of-way acquisition, shoulders, landscaping and tree planting, roadside drainage, street lighting, and traffic control devices. Each municipality in Massachusetts is granted an annual allocation of Chapter 90 reimbursement funding that it is eligible for, and the municipality can choose among any eligible infrastructure investments. Over the past seven state fiscal years, nearly \$1.5 billion has been invested into our local infrastructure.

## Fiscal constraint

### What is fiscal constraint and year of expenditure?

Each year, MassDOT demonstrates and certifies that the STIP is in fiscal constraint by taking the beginning balances (previously unspent federal-aid), adding the estimated annual apportionments (additional funding provided by Congress annually), and subtracting the projected annual obligations (the investments identified in the STIP). The STIP is then found to be fiscally constrained in two ways: first, is that our investments do not exceed the annual STIP obligational authority (OA); second is that a zero or positive balance is maintained for each funding type (CMAQ, NHPP, STP, etc.) for each year. OA is defined as the total amount of federal funds that may be obligated in a given fiscal year. Year of Expenditure (YOE) is a mechanism to ensure that inflation is considered in project cost estimates. Each year after 2018, a four percent inflation factor is applied to project cost estimates.

### NHPP-On System bridge program requirements

MassDOT is required to budget an obligation authority minimum of \$94,900,000 in the NHPP-On System bridge program. The following depicts the amount programmed per FFY to meet this FHWA requirement:

FFY	Total funding programmed:	Budget requirement (minimum)
2018	\$113,302,507	\$94,900,000
2019	\$95,913,413	\$94,900,000
2020	\$95,134,886	\$94,900,000
2021	*\$95,052,360	\$94,900,000
2022		\$94,900,000

\$98,057,408

\*Note: \$8,320,000 of project 602659 is included in FFY 2021 funding related to bridge scope of work.



2018 FEDERAL APPORTIONMENTS Federal Fiscal Year 2018							STIP 2018-2022 STIP, Rev001
	I	II	III	IV	V	VI	
FUNDING CATEGORY	ANTICIPATED NET APPORTIONMENTS OF FEDERAL FUNDS	ACTUAL CARRYOVER BALANCE	ANTICIPATED TRANSFER OF FUNDS	TOTAL FUNDS AVAILABLE (10/1) SUBJECT TO OBLIGATION AUTHORITY	PROGRAMMED OBLIGATIONS	ESTIMATED BALANCE REMAINING	
NATIONAL HIGHWAY PERFORMANCE	\$322,428,390	\$1,230,697	\$0	\$323,659,087	\$313,676,081	\$9,983,006	
NATIONAL HIGHWAY FREIGHT PROGRAM	\$17,880,858	\$107,384	\$0	\$17,988,242	\$5,950,792	\$12,037,450	
STP FLEX	\$45,218,323	\$13,984,201	\$0	\$59,202,524	\$31,005,406	\$28,197,118	
BRIDGE-OFF SYSTEM	\$28,456,838	\$63,083,941		\$91,540,779	\$28,855,567	\$62,685,212	
STP NON-FLEX	\$82,187,646	\$24,165,980		\$106,353,626	\$97,694,253	\$8,659,373	
	\$51,310,051	\$4,809,834		\$56,119,885	\$54,753,988	\$1,365,897	
-BOSTON URBAN AREA	\$3,096,584	\$4,642,512		\$7,739,096	\$7,739,095	\$1	
-BARNSTABLE URBAN AREA	\$6,672,652	\$3		\$6,672,655	\$6,672,654	\$1	
-SPRINGFIELD, CHICOPEE, HOLYOKE	\$5,693,537	\$0		\$5,693,537	\$5,693,536	\$1	
-WORCESTER URBAN AREA	\$3,267,056	\$13,256,765		\$16,523,821	\$9,230,349	\$7,293,472	
-PROVIDENCE, PAWTUCKET	\$12,147,766	\$1,456,866		\$13,604,632	\$13,604,631	\$1	
STP ENHANCEMENT (CENTRAL & SMALL URBAN)	\$0	\$5,354,684	\$0	\$5,354,684	\$5,354,684	\$0	
SAFE ROUTES TO SCHOOLS PGM.	\$0	\$0	\$0	\$46,866	\$0	\$46,866	
RECREATIONAL TRAILS	\$1,186,729	\$2,665,560		\$3,852,289	\$1,186,729	\$2,665,560	
TAP FLEX	\$5,483,782	\$12,179,662	\$0	\$17,663,444	\$14,047,646	\$3,615,798	
TAP NON-FLEX	\$5,483,781	\$7,622,201		\$13,105,982	\$9,835,683	\$3,270,300	
	\$3,423,545	\$3,707,245		\$7,130,790	\$7,130,789	\$1	
-BOSTON URBAN AREA	\$206,612	\$451,317		\$657,929	\$653,888	\$4,041	
-BARNSTABLE URBAN AREA	\$445,217	\$197,595		\$642,812	\$642,811	\$1	
-SPRINGFIELD, CHICOPEE, HOLYOKE	\$379,888	\$0		\$410,793	\$403,363	\$7,430	
-WORCESTER URBAN AREA	\$217,987	\$1,013,373		\$1,231,360	\$1,004,832	\$226,528	
-PROVIDENCE, PAWTUCKET	\$810,532	\$2,252,672		\$3,063,204	\$0	\$3,063,204	
HOV3+ FREEWAY IMPROVEMENT (RURAL)	\$31,595,381	\$2,054,741	\$0	\$33,650,122	\$26,752,009	\$6,898,113	
HSIP - High Risk Rural	\$2,273,676	\$4,629,527		\$6,903,203	\$2,046,308	\$4,856,895	
RLWY/HWY CROSSINGS- HAZARD ELIMINATION	\$1,293,091	\$5,926,653	\$0	\$7,219,744	\$3,000,000	\$4,219,744	
RLWY/HWY CROSSINGS- PROTECTIVE DEVICES	\$1,293,091	\$2,418,049	\$0	\$3,711,140	\$1,250,000	\$2,461,140	
CMAQ	\$64,179,356	\$19,619,711	\$0	\$83,799,067	\$56,818,579	\$26,980,488	
PLANNING	\$21,828,914	\$22,447,750		\$44,276,664	\$22,696,960	\$21,579,704	
OTHER ALLOCATED FUNDS	\$344,611	\$8,667,182		\$9,011,793	\$6,143,712	\$2,868,081	
FEDERAL AID SUB-TOTAL:	\$631,134,467	\$196,157,923	\$0	\$827,339,256	\$626,314,408	\$201,024,847	
				Estimated Obligation Authority		\$648,180,000	
HIGH PRIORITY PROJECTS	\$0	\$67,847,189		\$67,847,189	\$8,755,125	\$59,092,064	
SECTION 115 PROJECTS	\$0	\$807,605		\$807,605	\$360,000	\$447,605	
SECTION 117 PROJECTS	\$0	\$530,940		\$530,940	\$0	\$530,940	
SECTION 125 PROJECTS	\$0	\$0		\$3,803,009	\$0	\$3,803,009	
MISCELLANEOUS / OTHER / UNDETERMINED	\$8,684,110	\$47,085,300	\$0	\$55,769,410	\$2,438,656	\$53,330,754	
FEDERAL AID TOTAL >	\$639,818,577	\$312,428,957	\$0	\$956,097,409	\$637,868,189	\$318,229,219	
STATE MATCH FOR FEDERAL AID					\$133,921,721		
NON-FEDERAL AID + FEDERAL AID TOTAL >					\$771,789,910		

## 2019 FEDERAL APPORTIONMENTS

Federal Fiscal Year 2019

STIP 2018-2022 STIP, Rev001

FUNDING CATEGORY	I ANTICIPATED NET APPORTIONMENTS OF FEDERAL FUNDS	II ESTIMATED CARRYOVER BALANCE	III ANTICIPATED TRANSFER OF FUNDS	IV TOTAL FUNDS AVAILABLE (10/1) SUBJECT TO OBLIGATION AUTHORITY	V PROGRAMMED OBLIGATIONS	VI ESTIMATED BALANCE REMAINING
NATIONAL HIGHWAY PERFORMANCE	\$330,954,205	\$9,983,006	(\$2,000,000)	\$338,937,212	\$300,681,897	\$38,255,315
NATIONAL HIGHWAY FREIGHT PROGRAM	\$20,212,849	\$12,037,450	\$0	\$32,250,299	\$7,950,839	\$24,299,460
STP FLEX	\$44,625,979	\$28,197,118	\$0	\$72,823,097	\$55,583,832	\$17,239,265
BRIDGE-OFF SYSTEM	\$28,456,838	\$62,685,212		\$91,142,050	\$17,290,866	\$73,851,184
STP NON-FLEX	\$85,792,872	\$8,659,373		\$94,452,245	\$86,224,209	\$8,228,036
	\$53,560,807	\$1,365,897		\$54,926,704	\$54,926,703	\$1
-BOSTON URBAN AREA	\$3,232,418	\$1		\$3,232,419	\$3,232,418	\$1
-BARNSTABLE URBAN AREA	\$6,965,353	\$1		\$6,965,354	\$6,965,353	\$1
-SPRINGFIELD, CHICOPEE, HOLYOKE	\$5,943,288	\$1		\$5,943,289	\$5,943,288	\$1
-WORCESTER URBAN AREA	\$3,410,368	\$7,293,472		\$10,703,840	\$2,475,809	\$8,228,031
-PROVIDENCE, PAWTUCKET	\$12,680,638	\$1		\$12,680,639	\$12,680,638	\$1
STP ENHANCEMENT (RURAL & SMALL URBAN)	\$0	\$0	\$0	\$0	\$0	\$0
SAFE ROUTES TO SCHOOLS PGM.	\$0	\$46,866		\$46,866	\$0	\$46,866
RECREATIONAL TRAILS	\$1,186,729	\$2,665,560		\$3,852,289	\$1,186,729	\$2,665,560
TAP FLEX	\$5,483,782	\$3,615,798	\$0	\$9,099,580	\$4,714,647	\$4,384,933
TAP NON-FLEX	\$5,483,782	\$3,270,300		\$8,754,081	\$4,443,793	\$4,310,288
	\$3,423,546	\$1		\$3,423,546	\$3,423,545	\$1
-BOSTON URBAN AREA	\$206,613	\$4,041		\$210,654	\$202,572	\$8,082
-BARNSTABLE URBAN AREA	\$445,217	\$1		\$445,218	\$445,217	\$1
-SPRINGFIELD, CHICOPEE, HOLYOKE	\$379,888	\$7,430		\$387,318	\$372,459	\$14,859
-WORCESTER URBAN AREA	\$217,987	\$226,528		\$444,515	\$0	\$444,515
-PROVIDENCE, PAWTUCKET	\$810,531	\$3,063,204		\$3,873,735	\$0	\$3,873,735
HWY SAFETY IMPROVEMENT (RURAL & SMALL URBAN)	\$34,664,070	\$6,898,113	\$0	\$41,562,183	\$35,628,047	\$5,934,136
HSIP - High Risk Rural	\$0	\$4,856,895		\$4,856,895	\$0	\$4,856,895
RLWY/HWY CROSSINGS- HAZARD ELIMINATION	\$1,319,028	\$4,219,744	\$0	\$5,538,772	\$2,000,000	\$3,538,772
RLWY/HWY CROSSINGS- PROTECTIVE DEVICES	\$1,319,028	\$2,461,140	\$0	\$3,780,168	\$1,800,000	\$1,980,168
CMAQ	\$65,668,975	\$26,980,488	\$2,000,000	\$94,649,463	\$93,219,178	\$1,430,285
PLANNING	\$22,176,355	\$21,579,704		\$43,756,059	\$22,696,960	\$21,059,099
OTHER ALLOCATED FUNDS	\$614,611	\$2,868,081		\$3,482,692	\$1,230,000	\$2,252,692
<b>FEDERAL AID SUB-TOTAL:</b>	<b>\$647,959,103</b>	<b>\$201,024,847</b>	<b>\$0</b>	<b>\$848,983,950</b>	<b>\$634,650,997</b>	<b>\$214,332,953</b>

Estimated Obligation Authority

\$661,680,000

HIGH PRIORITY PROJECTS		\$59,092,064		\$59,092,064	\$16,759,602	\$42,332,462
SECTION 115 PROJECTS		\$447,605		\$447,605	\$0	\$447,605
SECTION 117 PROJECTS		\$530,940		\$530,940	\$0	\$530,940
SECTION 125 PROJECTS		\$3,803,009		\$3,803,009	\$0	\$3,803,009
MISCELLANEOUS / OTHER / UNDETERMINED	\$9,285,967	\$53,330,754	\$0	\$62,616,721	\$0	\$62,616,721
<b>FEDERAL AID TOTAL &gt;</b>	<b>\$657,245,069</b>	<b>\$318,229,219</b>	<b>\$0</b>	<b>\$975,474,289</b>	<b>\$651,410,599</b>	<b>\$324,063,690</b>

STATE MATCH FOR FEDERAL AID

\$135,526,639

NON-FEDERAL AID + FEDERAL AID TOTAL &gt;

\$786,937,238

NOTES: MISCELLANEOUS / OTHER / UNDETERMINED Apportionment Includes estimated NHPP Exempt.

**2020 FEDERAL APPORTIONMENTS**  
**Federal Fiscal Year 2020**

STIP 2018-2022 STIP, Rev001

	I	II	III	IV	V	VI
FUNDING CATEGORY	ANTICIPATED NET APPORTIONMENTS OF FEDERAL FUNDS	ESTIMATED CARRYOVER BALANCE MINUS ESTIMATED RESCISSION	ANTICIPATED TRANSFER OF FUNDS	TOTAL FUNDS AVAILABLE (10/1) SUBJECT TO OBLIGATION AUTHORITY	PROGRAMMED OBLIGATIONS	ESTIMATED BALANCE REMAINING
NATIONAL HIGHWAY PERFORMANCE	\$338,047,253	\$22,570,636	\$0	\$360,617,888	\$333,560,185	\$27,057,703
NATIONAL HIGHWAY FREIGHT PROGRAM	\$22,458,721	\$14,336,681	(\$5,000,000)	\$31,795,402	\$12,389,786	\$19,405,616
STP FLEX	\$44,733,390	\$10,171,166	\$5,000,000	\$59,904,556	\$57,914,363	\$1,990,193
BRIDGE-OFF SYSTEM	\$28,456,838	\$43,572,199		\$72,029,037	\$28,427,987	\$43,601,050
STP NON-FLEX	\$89,454,723	\$8,228,036		\$97,682,759	\$91,243,902	\$6,438,857
	\$55,846,914	\$1		\$55,846,915	\$55,846,914	\$1
-BOSTON URBAN AREA	\$3,370,385	\$1		\$3,370,386	\$3,370,385	\$1
-BARNSTABLE URBAN AREA	\$7,262,652	\$1		\$7,262,653	\$7,262,652	\$1
-SPRINGFIELD, CHICOPEE, HOLYOKE	\$6,196,962	\$1		\$6,196,963	\$6,196,962	\$1
-WORCESTER URBAN AREA	\$3,555,931	\$8,228,031		\$11,783,962	\$5,345,110	\$6,438,852
-PROVIDENCE, PAWTUCKET	\$13,221,879	\$1		\$13,221,880	\$13,221,879	\$1
STP ENHANCEMENT (RURAL & SMALL URBAN)	\$0	\$0	\$0	\$0	\$0	\$0
SAFE ROUTES TO SCHOOLS PGM.	\$0	\$27,651		\$27,651	\$0	\$27,651
RECREATIONAL TRAILS	\$1,186,729	\$1,572,680		\$2,759,409	\$1,186,729	\$1,572,680
TAP FLEX	\$5,483,782	\$2,587,110	\$0	\$8,070,892	\$6,399,926	\$1,670,966
TAP NON-FLEX	\$5,483,782	\$2,543,070		\$8,026,852	\$4,368,134	\$3,658,718
	\$3,423,546	\$1		\$3,423,546	\$3,356,593	\$66,953
-BOSTON URBAN AREA	\$206,613	\$4,768		\$211,381	\$202,572	\$8,809
-BARNSTABLE URBAN AREA	\$445,217	\$0		\$445,217	\$436,510	\$8,707
-SPRINGFIELD, CHICOPEE, HOLYOKE	\$379,888	\$8,767		\$388,655	\$372,459	\$16,196
-WORCESTER URBAN AREA	\$217,987	\$262,264		\$480,251	\$0	\$480,251
-PROVIDENCE, PAWTUCKET	\$810,531	\$2,285,504		\$3,096,035	\$0	\$3,096,035
HOWARD STREET IMPROVEMENT (RURAL)	\$35,367,782	\$5,934,136	\$0	\$41,301,917	\$33,924,199	\$7,377,718
HSIP - High Risk Rural	\$0	\$4,856,895		\$4,856,895	\$0	\$4,856,895
RLWY/HWY CROSSINGS- HAZARD ELIMINATION	\$1,346,508	\$3,538,772	\$0	\$4,885,279	\$1,000,000	\$3,885,279
RLWY/HWY CROSSINGS- PROTECTIVE DEVICES	\$1,346,508	\$1,980,168	\$0	\$3,326,675	\$1,000,000	\$2,326,675
CMAQ	\$67,002,744	\$843,868	\$0	\$67,846,612	\$64,793,407	\$3,053,205
PLANNING	\$22,707,173	\$12,424,868		\$35,132,042	\$22,696,960	\$12,435,082
OTHER ALLOCATED FUNDS	\$344,611	\$2,252,692		\$2,597,303	\$0	\$2,597,303
<b>FEDERAL AID SUB-TOTAL:</b>	<b>\$663,420,541</b>	<b>\$137,440,628</b>	<b>\$0</b>	<b>\$800,861,169</b>	<b>\$658,905,578</b>	<b>\$141,955,591</b>

## Estimated Obligation Authority

\$676,330,000

HIGH PRIORITY PROJECTS		\$42,332,462		\$42,332,462	\$0	\$42,332,462
SECTION 115 PROJECTS		\$447,605		\$447,605	\$0	\$447,605
SECTION 117 PROJECTS		\$530,940		\$530,940	\$0	\$530,940
SECTION 125 PROJECTS		\$3,803,009		\$3,803,009	\$0	\$3,803,009
MISCELLANEOUS / OTHER / UNDETERMINED	\$9,286,246	\$62,616,721	\$0	\$71,902,967	\$0	\$71,902,967
<b>FEDERAL AID TOTAL &gt;</b>	<b>\$672,706,786</b>	<b>\$247,171,365</b>	<b>\$0</b>	<b>\$919,878,151</b>	<b>\$658,905,578</b>	<b>\$260,972,573</b>

STATE MATCH FOR FEDERAL AID

\$128,064,887

NON-FEDERAL AID + FEDERAL AID TOTAL &gt;

\$786,970,465

NOTES: MISCELLANEOUS / OTHER / UNDETERMINED Apportionment Includes estimated NHPP Exempt.

## 2021 FEDERAL APPORTIONMENTS

Federal Fiscal Year 2021

STIP 2018-2022 STIP, Rev001

FUNDING CATEGORY	I ANTICIPATED NET APPORTIONMENTS OF FEDERAL FUNDS	II ESTIMATED CARRYOVER BALANCE	III ANTICIPATED TRANSFER OF FUNDS	IV TOTAL FUNDS AVAILABLE (10/1) SUBJECT TO OBLIGATION AUTHORITY	V PROGRAMMED OBLIGATIONS	VI ESTIMATED BALANCE REMAINING
NATIONAL HIGHWAY PERFORMANCE	\$338,047,253	\$27,057,703	\$0	\$365,104,956	\$337,613,093	\$27,491,863
NATIONAL HIGHWAY FREIGHT PROGRAM	\$22,458,721	\$19,405,616	(\$10,000,000)	\$31,864,337	\$30,000,000	\$1,864,337
STP FLEX	\$44,733,390	\$1,990,193	\$12,000,000	\$58,723,583	\$57,129,319	\$1,594,264
BRIDGE-OFF SYSTEM	\$28,456,838	\$43,601,050		\$72,057,888	\$29,165,629	\$42,892,259
STP NON-FLEX	\$89,454,723	\$6,438,857		\$95,893,580	\$95,893,574	\$6
	\$55,846,914	\$1		\$55,846,915	\$55,846,914	\$1
-BOSTON URBAN AREA	\$3,370,385	\$1		\$3,370,386	\$3,370,385	\$1
-BARNSTABLE URBAN AREA	\$7,262,652	\$1		\$7,262,653	\$7,262,652	\$1
-SPRINGFIELD, CHICOPEE, HOLYOKE	\$6,196,962	\$1		\$6,196,963	\$6,196,962	\$1
-WORCESTER URBAN AREA	\$3,555,931	\$6,438,852		\$9,994,783	\$9,994,782	\$1
-PROVIDENCE, PAWTUCKET	\$13,221,879	\$1		\$13,221,880	\$13,221,879	\$1
OTHER - RURAL & SMALL URBAN)	\$0	\$0	\$0	\$0	\$0	\$0
SAFE ROUTES TO SCHOOLS PGM.	\$0	\$27,651		\$27,651	\$0	\$27,651
RECREATIONAL TRAILS	\$1,186,729	\$1,572,680		\$2,759,409	\$1,186,729	\$1,572,680
TAP FLEX	\$5,483,782	\$1,670,966	\$0	\$7,154,747	\$2,446,434	\$4,708,313
TAP NON-FLEX	\$5,483,782	\$3,658,718		\$9,142,499	\$4,693,912	\$4,448,587
	\$3,423,546	\$66,953		\$3,490,499	\$3,356,593	\$133,906
-BOSTON URBAN AREA	\$206,613	\$8,809		\$215,422	\$202,572	\$12,850
-BARNSTABLE URBAN AREA	\$445,217	\$8,707		\$453,924	\$436,510	\$17,414
-SPRINGFIELD, CHICOPEE, HOLYOKE	\$379,888	\$16,196		\$396,084	\$0	\$396,084
-WORCESTER URBAN AREA	\$217,987	\$480,251		\$698,238	\$698,237	\$1
-PROVIDENCE, PAWTUCKET	\$810,531	\$3,096,035		\$3,906,566	\$0	\$3,906,566
OTHER - RURAL & SMALL URBAN)	\$35,367,782	\$7,377,718	(\$4,000,000)	\$38,745,500	\$28,105,213	\$10,640,287
HSIP - High Risk Rural	\$0	\$4,856,895		\$4,856,895	\$0	\$4,856,895
RLWY/HWY CROSSINGS- HAZARD ELIMINATION	\$1,346,508	\$3,885,279	\$0	\$5,231,787	\$1,000,000	\$4,231,787
RLWY/HWY CROSSINGS- PROTECTIVE DEVICES	\$1,346,508	\$2,326,675	\$0	\$3,673,183	\$1,000,000	\$2,673,183
CMAQ	\$67,002,744	\$3,053,205	\$2,000,000	\$72,055,949	\$70,458,662	\$1,597,287
PLANNING	\$22,707,173	\$12,435,082		\$35,142,255	\$22,696,960	\$12,445,295
OTHER ALLOCATED FUNDS	\$344,611	\$2,597,303		\$2,941,914	\$0	\$2,941,914
<b>FEDERAL AID SUB-TOTAL:</b>	<b>\$663,420,541</b>	<b>\$141,955,591</b>	<b>\$0</b>	<b>\$805,376,131</b>	<b>\$681,389,525</b>	<b>\$123,986,606</b>

Estimated Obligation Authority

\$691,990,000

HIGH PRIORITY PROJECTS		\$42,332,462		\$42,332,462	\$0	\$42,332,462
SECTION 115 PROJECTS		\$447,605		\$447,605	\$0	\$447,605
SECTION 117 PROJECTS		\$530,940		\$530,940	\$0	\$530,940
SECTION 125 PROJECTS		\$3,803,009		\$3,803,009	\$0	\$3,803,009
MISCELLANEOUS / OTHER / UNDETERMINED	\$9,286,246	\$71,902,967	\$0	\$81,189,212	\$8,084,944	\$73,104,268
<b>FEDERAL AID TOTAL &gt;</b>	<b>\$672,706,786</b>	<b>\$260,972,573</b>	<b>\$0</b>	<b>\$933,679,359</b>	<b>\$689,474,469</b>	<b>\$244,204,890</b>

STATE MATCH FOR FEDERAL AID

\$137,835,098

NON-FEDERAL AID + FEDERAL AID TOTAL &gt;

\$827,309,567

NOTES: MISCELLANEOUS / OTHER / UNDETERMINED Apportionment Includes estimated NHPP Exempt.

## 2022 FEDERAL APPORTIONMENTS

Federal Fiscal Year 2022

STIP 2018-2022 STIP, Rev001

FUNDING CATEGORY	I ANTICIPATED NET APPORTIONMENTS OF FEDERAL FUNDS	II ESTIMATED CARRYOVER BALANCE	III ANTICIPATED TRANSFER OF FUNDS	IV TOTAL FUNDS AVAILABLE (10/1) SUBJECT TO OBLIGATION AUTHORITY	V PROGRAMMED OBLIGATIONS	VI ESTIMATED BALANCE REMAINING
NATIONAL HIGHWAY PERFORMANCE	\$338,047,253	\$27,491,863	\$0	\$365,539,116	\$364,292,058	\$1,247,058
NATIONAL HIGHWAY FREIGHT PROGRAM	\$22,458,721	\$1,864,337	\$0	\$24,323,058	\$20,212,849	\$4,110,209
STP FLEX	\$44,733,390	\$1,594,264	\$6,000,000	\$52,327,653	\$51,515,067	\$812,586
BRIDGE-OFF SYSTEM	\$28,456,838	\$42,892,259		\$71,349,097	\$28,828,592	\$42,520,505
STP NON-FLEX	\$89,454,723	\$6		\$89,454,729	\$89,454,723	\$6
	\$55,846,914	\$1		\$55,846,915	\$55,846,914	\$1
-BOSTON URBAN AREA	\$3,370,385	\$1		\$3,370,386	\$3,370,385	\$1
-BARNSTABLE URBAN AREA	\$7,262,652	\$1		\$7,262,653	\$7,262,652	\$1
-SPRINGFIELD, CHICOPEE, HOLYOKE	\$6,196,962	\$1		\$6,196,963	\$6,196,962	\$1
-WORCESTER URBAN AREA	\$3,555,931	\$1		\$3,555,932	\$3,555,931	\$1
-PROVIDENCE, PAWTUCKET	\$13,221,879	\$1		\$13,221,880	\$13,221,879	\$1
STP ENHANCEMENT (RURAL & SMALL URBAN)	\$0	\$0	\$0	\$0	\$0	\$0
SAFE ROUTES TO SCHOOLS PGM.	\$0	\$27,651		\$27,651	\$0	\$27,651
RECREATIONAL TRAILS	\$1,186,729	\$1,572,680		\$2,759,409	\$1,186,729	\$1,572,680
TAP FLEX	\$5,483,782	\$4,708,313	\$0	\$10,192,095	\$532,459	\$9,659,636
TAP NON-FLEX	\$5,483,782	\$4,448,587		\$9,932,369	\$3,501,371	\$6,430,998
	\$3,423,546	\$133,906		\$3,557,451	\$2,648,565	\$908,886
-BOSTON URBAN AREA	\$206,613	\$12,850		\$219,462	\$202,572	\$16,890
-BARNSTABLE URBAN AREA	\$445,217	\$17,414		\$462,631	\$436,510	\$26,121
-SPRINGFIELD, CHICOPEE, HOLYOKE	\$379,888	\$396,084		\$775,973	\$0	\$775,973
-WORCESTER URBAN AREA	\$217,987	\$1		\$217,988	\$213,724	\$4,264
-PROVIDENCE, PAWTUCKET	\$810,531	\$3,906,566		\$4,717,097	\$0	\$4,717,097
HYWAY SAFETY IMPROVEMENT (RURAL & SMALL URBAN)	\$35,367,782	\$10,640,287	(\$6,000,000)	\$40,008,068	\$30,331,989	\$9,676,079
HSIP - High Risk Rural	\$0	\$4,856,895		\$4,856,895	\$0	\$4,856,895
RLWY/HWY CROSSINGS- HAZARD ELIMINATION	\$1,346,508	\$4,231,787	\$0	\$5,578,294	\$1,000,000	\$4,578,294
RLWY/HWY CROSSINGS- PROTECTIVE DEVICES	\$1,346,508	\$2,673,183	\$0	\$4,019,690	\$1,000,000	\$3,019,690
CMAQ	\$67,002,744	\$1,597,287	\$0	\$68,600,031	\$60,848,924	\$7,751,107
PLANNING	\$22,707,173	\$12,445,295		\$35,152,468	\$22,696,960	\$12,455,508
OTHER ALLOCATED FUNDS	\$344,611	\$2,941,914		\$3,286,525	\$0	\$3,286,525
<b>FEDERAL AID SUB-TOTAL:</b>	<b>\$663,420,541</b>	<b>\$123,986,606</b>	<b>\$0</b>	<b>\$787,407,147</b>	<b>\$675,401,721</b>	<b>\$112,005,426</b>

Estimated Obligation Authority

\$708,740,000

HIGH PRIORITY PROJECTS		\$42,332,462		\$42,332,462	\$0	\$42,332,462
SECTION 115 PROJECTS		\$447,605		\$447,605	\$0	\$447,605
SECTION 117 PROJECTS		\$530,940		\$530,940	\$0	\$530,940
SECTION 125 PROJECTS		\$3,803,009		\$3,803,009	\$0	\$3,803,009
MISCELLANEOUS / OTHER / UNDETERMINED	\$9,286,246	\$73,104,268	\$0	\$82,390,514	\$512,000	\$81,878,514
<b>FEDERAL AID TOTAL &gt;</b>	<b>\$672,706,786</b>	<b>\$244,204,890</b>	<b>\$0</b>	<b>\$916,911,677</b>	<b>\$675,913,721</b>	<b>\$240,997,956</b>

STATE MATCH FOR FEDERAL AID

\$132,115,506

NON-FEDERAL AID + FEDERAL AID TOTAL &gt;

\$808,029,227

NOTES: MISCELLANEOUS / OTHER / UNDETERMINED Apportionment Includes estimated NHPP Exempt.

2018-2022 Statewide Transportation Improvement Program  
Fiscal Constraint Charts

**Fiscal Constraint Analysis - 2018**

Federal Funding Source	Carryover	Current Year Available	Programmed Funds	Unprogrammed Funds	State Funding Source	Current Year Available	Programmed Funds	Unprogrammed Funds
5307	\$35,104,653	\$202,194,645	\$204,872,538	\$32,426,760	RTACAP	\$60,266,991	\$60,266,991	\$0
5309	\$0	\$150,000,000	\$150,000,000	\$0	SCA	\$28,715,595	\$28,715,595	\$0
5310	\$0	\$5,914,171	\$5,914,171	\$0	TDC*	n/a	\$2,024,539	n/a
5311	\$0	\$3,749,029	\$3,749,029	\$0	MAP	\$4,000,000	\$4,000,000	\$0
5337	\$9,553,229	\$148,753,602	\$145,633,936	\$12,672,895	Local	\$230,087,147	\$230,087,147	\$0
5339	\$3,323,329	\$10,245,031	\$12,984,137	\$584,223				
	<b>\$47,981,211</b>	<b>\$520,856,478</b>	<b>\$523,153,811</b>	<b>\$45,683,878</b>	<b>Total Non-Federal Aid</b>	<b>\$323,069,733</b>	<b>\$323,069,733</b>	<b>\$0</b>

**Fiscal Constraint Analysis - 2019**

Federal Funding Source	Carryover	Current Year Available	Programmed Funds	Unprogrammed Funds	State Funding Source	Current Year Available	Programmed Funds	Unprogrammed Funds
5307	\$32,426,760	\$206,400,294	\$208,365,412	\$30,461,642	RTACAP	\$34,264,438	\$34,264,438	\$0
5309	\$0	\$150,000,000	\$150,000,000	\$0	SCA	\$29,871,080	\$29,871,080	\$0
5310	\$0	\$5,974,566	\$5,974,566	\$0	TDC*	n/a	\$1,225,682	n/a
5311	\$0	\$3,749,029	\$3,749,029	\$0	MAP	\$4,000,000	\$4,000,000	\$0
5337	\$12,672,895	\$151,312,164	\$148,229,650	\$15,755,409	Local	\$230,873,558	\$230,873,558	\$0
5339	\$584,223	\$10,637,415	\$10,547,311	\$674,327				
	<b>\$45,683,878</b>	<b>\$528,073,468</b>	<b>\$526,865,968</b>	<b>\$46,891,378</b>	<b>Total Non-Federal Aid</b>	<b>\$299,009,076</b>	<b>\$299,009,076</b>	<b>\$0</b>

**Fiscal Constraint Analysis - 2020**

Federal Funding Source	Carryover	Current Year Available	Programmed Funds	Unprogrammed Funds	State Funding Source	Current Year Available	Programmed Funds	Unprogrammed Funds
5307	\$30,461,642	\$210,693,420	\$210,534,201	\$30,620,861	RTACAP	\$19,449,747	\$19,449,747	\$0
5309	\$0	\$150,000,000	\$150,000,000	\$0	SCA	\$29,136,211	\$29,136,211	n/a
5310	\$0	\$6,035,578	\$6,035,578	\$0	TDC*	n/a	\$668,849	n/a
5311	\$0	\$3,749,029	\$3,749,029	\$0	MAP	\$4,000,000	\$4,000,000	\$0
5337	\$15,755,409	\$153,914,733	\$150,655,981	\$19,014,161	Local	\$231,315,137	\$231,315,137	\$0
5339	\$674,327	\$11,044,828	\$10,274,461	\$1,444,694				
	<b>\$46,891,378</b>	<b>\$535,437,588</b>	<b>\$531,249,250</b>	<b>\$51,079,716</b>	<b>Total Non-Federal Aid</b>	<b>\$283,901,095</b>	<b>\$283,901,095</b>	<b>\$0</b>

Note: Transportation Development Credits (TDC) are a soft match.

Note: Carryover Funds are Federal Transit funds which have been apportioned to Regional Transit partners, but not previously obligated

2018-2022 Statewide Transportation Improvement Program  
Fiscal Constraint Charts

Fiscal Constraint Analysis - 2021

Federal Funding Source	Carryover	Current Year Available	Programmed Funds	Unprogrammed Funds	State Funding Source	Current Year Available	Programmed Funds	Unprogrammed Funds
5307	\$30,620,861	\$215,075,843	\$216,623,641	\$29,073,063	RTACAP	\$15,308,620	\$15,308,620	\$0
5309	\$0	\$146,121,000	\$146,121,000	\$0	SCA	\$29,828,861	\$29,828,861	\$0
5310	\$0	\$6,035,578	\$6,035,578	\$0	TDC*	n/a	\$964,572	n/a
5311	\$0	\$3,749,029	\$3,749,029	\$0	MAP	\$4,000,000	\$4,000,000	\$0
5337	\$19,014,161	\$156,562,066	\$150,693,252	\$24,882,975	Local	\$231,354,350	\$231,354,350	\$0
5339	\$1,444,694	\$11,467,845	\$10,991,161	\$1,921,378				
	\$51,079,716	\$539,011,361	\$534,213,661	\$55,877,416	Total Non-Federal Aid	\$280,491,831	\$280,491,831	\$0

Fiscal Constraint Analysis - 2022

Federal Funding Source	Carryover	Current Year Available	Programmed Funds	Unprogrammed Funds	State Funding Source	Current Year Available	Programmed Funds	Unprogrammed Funds
5307	\$29,073,063	\$219,549,420	\$212,908,527	\$35,713,956	RTACAP	\$12,245,130	\$12,245,130	\$0
5309	\$0	\$0	\$0	\$0	SCA	\$28,282,336	\$28,282,336	\$0
5310	\$0	\$6,035,578	\$6,035,578	\$0	TDC*	n/a	\$1,214,648	n/a
5311	\$0	\$3,749,029	\$3,749,029	\$0	MAP	\$4,000,000	\$4,000,000	\$0
5337	\$24,882,975	\$159,254,934	\$150,730,958	\$33,406,951	Local	\$84,082,684	\$84,082,684	\$0
5339	\$1,921,378	\$11,907,064	\$9,567,507	\$4,260,935				
	\$55,877,416	\$400,496,025	\$382,991,599	\$73,381,842	Total Non-Federal Aid	\$128,610,150	\$128,610,150	\$0



## Advanced construction (AC)

AC projects are those which are funded over multiple federal fiscal years and multiple construction seasons. The AC procedure allows states to commence eligible projects without first having to obligate the entirety of the federal government's share of expenditures. The following tables are projects programmed in the FFY 2018-2022 STIP which are programmed with an AC schedule.

**2018-2022 MPO Projects Advance Construction (AC) Schedule**

STIP Version 2018.000

June 2017, Total Federal Participating Cost (including State Match)

PROJ #	Region	Description	2018	2019	2020	2021	2022	Future STIP	Total Future / Remaining AC Conversions	Total Federal Participating Cost
<b>FY17 and Previous Advertisements</b>										
1570	BOSTON	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	\$ 46,500,000	\$ 40,500,000	\$ 35,300,000	\$ 29,700,000	\$ -		\$ 152,000,000	\$ 196,259,669
603711	BOSTON	NEEDHAM- WELLESLEY- REHAB/REPLACEMENT OF 6 BRIDGES ON I-95/ROUTE 128: N-04-020, N-04-021, N-04-022, N-04-026, N-04-027, N-04-037 & W-13-023 (ADD-A-LANE - CONTRACT V)	\$ 1,988,367	\$ -	\$ -	\$ -	\$ -		\$ 26,528,183	\$ 49,414,906
601630	BOSTON	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)	\$ 27,631,758	\$ -	\$ -	\$ -	\$ -		\$ 27,631,758	\$ 79,330,535
606124	MONTACHU SETT	FITCHBURG- LUNENBURG- LEOMINSTER- RECONSTRUCTION OF SUMMER STREET AND NORTH STREET	\$ 7,778,868	\$ -	\$ -	\$ -	\$ -		\$ 7,778,868	\$ 9,939,131
608529	MARTHA'S VINEYARD	WEST TISBURY- MARTHA'S VINEYARD CORRELLUS BIKE PATH (PHASE 1)	\$ 545,620	\$ -	\$ -	\$ -	\$ -		\$ 545,620	\$ 1,093,508
CC1000	CAPE COD	BARNSTABLE - HYANNIS LOOP DEMONSTRATION	\$ 711,828	\$ -	\$ -	\$ -	\$ -		\$ 711,828	\$ 1,397,292
Scheduled AC Conversions			\$ 85,156,441	\$ 40,500,000	\$ 35,300,000	\$ 29,700,000	\$ -	\$ -	\$ 215,196,257	\$ 337,435,040
<b>FY18 Advertisements</b>										
117106	SOUTHEASTERN MASSACHUSETTS	WAREHAM- RECONSTRUCTION OF ROUTE 6 & 28, FROM 500 FT. EAST OF TYLER AVENUE TO RED BROOK ROAD (1.65 MILES)	\$ 9,227,070	\$ 9,596,153	\$ -	\$ -	\$ -		\$ 9,596,153	\$ 18,823,223
605677	SOUTHEASTERN MASSACHUSETTS	MATTAPOISETT- MULTI-USE PATH CONSTRUCTION (PENN CENTRAL RIGHT OF WAY), FROM MATTAPOISETT NECK ROAD TO DEPOT STREET (PHASE 1B)	\$ 592,221	\$ 9,587,018	\$ -	\$ -	\$ -		\$ 9,587,018	\$ 10,179,239
606462	BERKSHIRE	LENEX- RECONSTRUCTION & MINOR WIDENING ON WALKER STREET, INCLUDES REPLACEMENT OF CULVERT OVER WOODS CROSSING BROOK	\$ 6,593,577	\$ 1,406,423	\$ -	\$ -	\$ -		\$ 1,406,423	\$ 8,000,000
Scheduled AC Conversions			\$ -	\$ 20,589,594	\$ -	\$ -	\$ -	\$ -	\$ 20,589,594	\$ 37,002,462
<b>FY19 Advertisements</b>										
602418	MERRIMACK VALLEY	AMESBURY- RECONSTRUCTION OF ELM STREET		\$ 7,207,810	\$ 4,856,190	\$ -	\$ -		\$ 4,856,190	\$ 12,064,000
606635	BOSTON	NEEDHAM- NEWTON- RECONSTRUCTION OF HIGHLAND AVENUE, NEEDHAM STREET & CHARLES RIVER BRIDGE, N-04-002, FROM WEBSTER STREET (NEEDHAM) TO ROUTE 9 (NEWTON)		\$ 10,717,200	\$ 10,717,200	\$ -	\$ -		\$ 10,717,200	\$ 21,434,400
607411	MARTHA'S VINEYARD	TISBURY- BIKE & PEDESTRIAN IMPROVEMENTS ALONG BEACH ROAD, FROM THE TERMINATION OF THE EXISTING SHARED USE PATH WESTERLY TO THE FIVE CORNERS INTERSECTION		\$ 3,892,102	\$ 707,194	\$ -	\$ -		\$ 707,194	\$ 4,599,296
608193	MONTACHU SETT	FITCHBURG- LEOMINSTER- RAIL TRAIL CONSTRUCTION (TWIN CITIES RAIL TRAIL)		\$ 7,686,429	\$ 10,344,450	\$ -	\$ -		\$ 10,344,450	\$ 18,030,879
Scheduled AC Conversions				\$ -	\$ 26,625,034	\$ -	\$ -	\$ -	\$ 26,625,034	\$ 56,128,575
<b>FY20 Advertisements</b>										
602659	CENTRAL MASSACHUSETTS	CHARLTON- OXFORD- RECONSTRUCTION ON ROUTE 20, FROM RICHARDSON'S CORNER EASTERLY TO ROUTE 12, INCLUDES REHAB OF C-06-023 & REPLACEMENT OF O-06-002			\$ 7,000,000	\$ 15,786,727	\$ 10,400,000	\$ 24,239,897	\$ 50,426,624	\$ 57,426,624
605032	PIONEER VALLEY	HADLEY- RECONSTRUCTION ON ROUTE 9, FROM MIDDLE STREET TO MAPLE/SOUTH MAPLE STREET			\$ 5,742,834	\$ 19,097,166	\$ -		\$ 19,097,166	\$ 24,840,000
606226	BOSTON	BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE			\$ 7,000,000	\$ 35,759,677	\$ 42,445,768	\$ 66,794,555	\$ 145,000,000	\$ 152,000,000
607319	CAPE COD	MASHPEE- CORRIDOR IMPROVEMENTS & RELATED WORK ON NATHAN ELLIS HIGHWAY (ROUTE 151), FROM MASHPEE ROTARY TO FALMOUTH T.L.			\$ 2,120,112	\$ 7,120,000	\$ -		\$ 7,120,000	\$ 9,240,112
Scheduled AC Conversions					\$ -	\$ 77,763,570	\$ 52,845,768	\$ 91,034,452	\$ 221,643,790	\$ 243,506,736
<b>FY21 Advertisements</b>										
608142	MARTHA'S VINEYARD	OAK BLUFFS- CONSTRUCTION OF A SHARED USE PATH ALONG BEACH ROAD, FROM THE LAGOON POND BRIDGE NORTHERLY TO THE EASTVILLE AVENUE/COUNTY ROAD INTERSECTION				\$ 1,515,103	\$ 732,519		\$ 732,519	\$ 2,247,622
608095	MERRIMACK VALLEY	NORTH ANDOVER- CORRIDOR IMPROVEMENTS ON ROUTE 114, BETWEEN ROUTE 125 (ANDOVER STREET) & STOP & SHOP DRIVEWAY				\$ 6,290,405	\$ 10,467,929	\$ 58,383	\$ 10,526,312	\$ 16,816,717

2018-2022 MPO Projects Advance Construction (AC) Schedule

STIP Version 2018.000

June 2017, Total Federal Participating Cost (including State Match)

PROJ #	Region	Description	2018	2019	2020	2021	2022	Future STIP	Total Future / Remaining AC Conversions	Total Federal Participating Cost
Scheduled AC Conversions							\$ 11,200,448	\$ 58,383	\$ 11,258,831	\$ 19,064,339
FY22 Advertisements										
N/A	#N/A	#N/A					\$ -		\$ -	\$ -
Scheduled AC Conversions									\$	\$
NON - FEDERAL AID ( TO BE CONVERTED TO FED. AID BY A/C CONVERSIONS AS SHOWN ABOVE )			\$ 85,156,441	\$ 61,089,594	\$ 61,925,034	\$ 107,463,570	\$ 64,046,216	\$ 91,092,835	\$ 495,313,506	

2018-2022 Statewide Bridge Program Advance Construction (AC) Schedule

June 2017, Total Federal Participating Cost (including State Match)

STIP Version 2018.000

PROJ #	Region	Description	2018	2019	2020	2021	2022	FUTURE STIP	Total Future / Remaining AC Conversions	Total Federal Participating Cost (Bridge Cost only)
<b>FY17 Advertisements</b>										
604173	BOSTON	BOSTON- BRIDGE REPLACEMENT B-16-016, NORTH WASHINGTON STREET OVER THE BOSTON INNER HARBOR	\$ 42,000,000	\$ 42,000,000	\$ 35,000,000	\$ 18,666,616	\$ -	\$ -	\$ 137,666,616	\$ 144,066,616
		Scheduled AC Conversions	\$42,000,000	\$42,000,000	\$35,000,000	\$18,666,616	\$0	\$0	\$137,666,616	\$144,066,616
<b>FY18 Advertisements</b>										
605306	MERRIMACK VALLEY	HAVERHILL- BRIDGE REPLACEMENT, H-12-039, I-495 (NB & SB) OVER MERRIMACK RIVER	\$ 31,600,000	\$ 21,000,000	\$ 21,000,000	\$ 5,400,000	\$ -	\$ -	\$ 47,400,000	\$ 79,000,000
		Scheduled AC Conversions		\$21,000,000	\$21,000,000	\$5,400,000	\$0	\$0	\$47,400,000	\$79,000,000
<b>FY19 Advertisements</b>										
N/A	#N/A	#N/A		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		Scheduled AC Conversions			\$0	\$0	\$0	\$0	\$0	\$0
<b>FY20 Advertisements</b>										
608009	BOSTON	BOXBOROUGH- BRIDGE REPLACEMENT, B-18-002, ROUTE 111 OVER I-495			\$ 9,147,500	\$ 5,147,500	\$ -	\$ -	\$ 5,147,500	\$ 14,295,000
		Scheduled AC Conversions				\$5,147,500	\$0	\$0	\$5,147,500	\$14,295,000
<b>FY21 Advertisements</b>										
N/A	#N/A	#N/A					\$ -	\$ -	\$ -	\$ -
		Scheduled AC Conversions					\$0	\$0	\$0	\$0
<b>FY22 Advertisements</b>										
N/A	#N/A	#N/A					\$ -	\$ -	\$ -	\$ -
		NON - FEDERAL AID ( TO BE CONVERTED TO FED. AID BY A/C CONVERSIONS AS SHOWN ABOVE )	\$42,000,000	\$63,000,000	\$56,000,000	\$29,214,116	\$0	\$0	\$190,214,116	

2018-2022 Statewide Category Programs Advance Construction (AC) Schedule

STIP Version 2018.000

June 2017, Total Federal Participating Cost (including State Match)

PROJ #	Region	Description	2018	2019	2020	2021	2022	Future STIP	Total Future / Remaining AC Conversions	Total Federal Participating Cost
<b>FY17 and Prior Advertisements</b>										
607916	STATEWIDE	FALL RIVER TO RANDOLPH- GUIDE & TRAFFIC SIGN REPLACEMENT ON A SECTION OF ROUTE 24	\$ 2,225,445	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,225,445	\$ 8,839,526
608607	STATEWIDE	DISTRICTS 3 AND 5 - ITS EQUIPMENT (CCTV CAMERAS, TRAFFIC SENSORS, AND VMS) FOR HIGHWAY OPERATIONS	\$ 1,124,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,124,000	\$ 9,107,790
Scheduled AC Conversions			\$ 3,349,445	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,349,445	\$ 17,947,316
<b>FY18 Advertisements</b>										
607487	STATEWIDE	DISTRICTS 3 AND 5 - EXPANSION OF ITS EQUIPMENT (CCTV CAMERAS, TRAFFIC SENSORS, AND VMS) FOR HIGHWAY OPERATIONS	\$ 5,126,000	\$ 1,124,000	\$ -	\$ -	\$ -	\$ -	\$ 1,124,000	\$ 6,250,000
Scheduled AC Conversions			\$ -	\$ 1,124,000	\$ -	\$ -	\$ -	\$ -	\$ 1,124,000	\$ 6,250,000
<b>FY19 Advertisements</b>										
MREDU19, MRTDM19	STATEWIDE	MASSRIDES: EDUCATION AND PROJECTS		\$ 3,325,000	\$ 3,325,000	\$ 3,325,000	\$ 3,325,000	\$ 3,325,000	\$ 13,300,000	\$ 16,625,000
608608	BOSTON	BRAINTREE- HIGHWAY LIGHTING IMPROVEMENTS AT I-93/ROUTE 3 INTERCHANGE		\$ 7,008,503	\$ 2,688,726	\$ -	\$ -	\$ -	\$ 2,688,726	\$ 9,697,229
Scheduled AC Conversions				\$ -	\$ 6,013,726	\$ 3,325,000	\$ 3,325,000	\$ 3,325,000	\$ 15,988,726	\$ 26,322,229
<b>FY20 Advertisements</b>										
607977	BOSTON	HOPKINTON- WESTBOROUGH- RECONSTRUCTION OF I-90/I-495 INTERCHANGE			\$ 19,112,483	\$ 55,612,483	\$ 55,612,483	\$ 139,662,551	\$ 250,887,517	\$ 270,000,000
608049	SOUTHEASTERN MASSACHUSETTS	FALL RIVER- CORRIDOR IMPROVEMENTS ON ROUTE 79/DAVOL STREET			\$ 1,000,000	\$ 15,000,000	\$ 15,000,000	\$ 50,290,000	\$ 80,290,000	\$ 81,290,000
Scheduled AC Conversions					\$ -	\$ 70,612,483	\$ 70,612,483	\$ 189,952,551	\$ 331,177,517	\$ 351,290,000
<b>FY21 Advertisements</b>										
607588	FRANKLIN	NORTHFIELD- CONSTRUCT BIKE/PED BRIDGE TO REPLACE N-22-002, SCHELL BRIDGE OVER THE CONNECTICUT RIVER			\$ -	\$ 13,221,534	\$ 4,812,582	\$ -	\$ 4,812,582	\$ 18,034,116
608620	STATEWIDE	ANDOVER- TEWKSBURY- HIGHWAY LIGHTING SYSTEM REHABILITATION AND REPAIR AT THE INTERCHANGE OF INTERSTATE ROUTES 93 AND 495			\$ -	\$ 5,152,000	\$ 5,152,000	\$ -	\$ 5,152,000	\$ 10,304,000
Scheduled AC Conversions					\$ -	\$ -	\$ 9,964,582	\$ -	\$ 9,964,582	\$ 28,338,116
<b>FY22 Advertisements</b>										
#N/A	#N/A	#N/A			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
#N/A	#N/A	#N/A			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Scheduled AC Conversions					\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
NON - FEDERAL AID ( TO BE CONVERTED TO FED. AID BY A/C CONVERSIONS AS SHOWN ABOVE )			\$ 3,349,445	\$ 1,124,000	\$ 6,013,726	\$ 73,937,483	\$ 83,902,065	\$ 193,277,551	\$ 361,604,270	

## Status of FFY 2017 investments

Projects that are currently programmed in the FFY 2017 element of the active FFY 2017-2021 STIP are scheduled to be advertised for contractual bid throughout the Federal Fiscal Year, (October 2016 – September 2017). The following tables depict the status of each project currently programmed in FFY 2017 with actual dates of advertisement or anticipated quarter of advertisement. The quarters of FFY 2017 listed in the following tables refer to the following calendar months:

Quarter 1 (Q1): October 2016 through December 2016

Quarter 2 (Q2): January 2017 through March 2017

Quarter 3 (Q3): April 2017 through June 2017

Quarter 4 (Q4): July 2017 through September 2017

*Note: FFY 2017 project status tables will be provided in the Final document.*

# FFY 2017 Project Status

MPO	MassDOT Project ID	MassDOT Project Description	Project Type	Design Responsibility	Highway Design	Bridge Design	ROW Status	Environmental Status	Total Federal Participating Cost	Advert Quarter	District	Comment
ADVERTISED ORIGINAL STIP												
BERKSHIRE	608167	CLARKSBURG- RESURFACING AND RELATED WORK ON ROUTE 8, FROM THE NORTH ADAMS T.L. TO THE VERMONT S.L.	Hwy Reconstr - Restr and	STATE	100%	NA	ISSUED	CLEAR	\$4,068,072.80	3RD QTR	District 1	
BOSTON	607481	BOSTON- INTERSTATE MAINTENANCE & RELATED WORK ON I-93	Resurfacing Interstate	STATE	100%	NA	ISSUED	CLEAR	\$4,336,899.20	3RD QTR	District 6	
BOSTON	607477	LYNNFIELD- PEABODY- RESURFACING & RELATED WORK ON ROUTE 1	Resurfacing DOT Owned	STATE	100%	NA	ISSUED	CLEAR	\$9,004,937.25	3RD QTR	District 4	
CAPE COD	608201	HARWICH- BREWSTER- ORLEANS- RESURFACING AND RELATED WORK ON ROUTE 6	Resurfacing DOT Owned	STATE	100%	NA	ISSUED	CLEAR	\$9,963,832.10	3RD QTR	District 5	
CAPE COD	608102	HARWICH- IMPROVEMENTS TO PARK AND RIDE FACILITY INCLUDING A NEW BUS SHELTER AT ROUTE 124 PARK AND RIDE	Structures Maintenance	STATE	100%	NA	ISSUED	CLEAR	\$355,938.48	3RD QTR	District 5	
CENTRAL MASSACHUSETTS	606346	LEICESTER- RESURFACING & RELATED WORK ON ROUTE 56 (PAXTON STREET), FROM MAIN STREET TO HYLAND AVENUE	Reclamation	MUNI	100%	NA	ISSUED	CLEAR	\$3,244,560.00	1ST QTR	District 3	
CENTRAL MASSACHUSETTS	607442	NORTHBOROUGH- SHREWSBURY- RECONSTRUCTION ON ROUTE 9 & ROUTE 20 RAMP IMPROVEMENTS	Hwy Reconstr - Minor	STATE	100%	NA	ISSUED	CLEAR	\$2,181,711.99	3RD QTR	District 3	
CENTRAL MASSACHUSETTS	606075	OXFORD- CLEANING AND PAINTING & RELATED WORK, O-06-036, I-395 OVER DANA ROAD & O-06-037, I-395 (SB) OVER FEDERAL HILL ROAD	Painting - Structural	STATE	100%	APPROVED	ISSUED	CLEAR	\$2,906,969.20	2ND QTR	District 3	
CENTRAL MASSACHUSETTS	606206	OXFORD- RECONSTRUCTION ON CHARLTON STREET, BETWEEN MAIN STREET AND DUDLEY ROAD	Hwy Reconstr - No Added	MUNI	100%	NA	ISSUED	CLEAR	\$5,889,510.35	3RD QTR	District 3	
CENTRAL MASSACHUSETTS	602991	SPENCER- RESURFACING & RELATED WORK ON ROUTE 31 (MAPLE STREET & CHARLTON ROAD)	Hwy Reconstr - Restr and	STATE	100%	NA	ISSUED	CLEAR	\$5,318,334.00	1ST QTR	District 3	
CENTRAL MASSACHUSETTS	607562	WEBSTER- OXFORD- INTERSTATE MAINTENANCE & RELATED WORK ON I-395	Resurfacing Interstate	STATE	100%	NA	ISSUED	CLEAR	\$2,297,060.00	2ND QTR	District 3	
FRANKLIN	608311	BUCKLAND- BRIDGE MAINTENANCE, B-28-003, ROUTE 112 OVER ROUTE 2 AND PAN AM RAILROAD	Bridge Maintenance	STATE	100%	APPROVED	ISSUED	CLEAR	\$641,167.50	3RD QTR	District 1	
FRANKLIN	602316	BUCKLAND- CHARLEMONT- RESURFACING & RELATED WORK ON ROUTE 2, FROM MM 27.41 (R.R. BRIDGE) TO MM 37.39 (BUCKLAND/SHELBURNE T.L.) EXCLUDING MM	Resurfacing DOT Owned	STATE	100%	NA	ISSUED	CLEAR	\$8,393,099.38	1ST QTR	District 1	
FRANKLIN	607584	COLRAIN- BRIDGE REPLACEMENT, C-18-020, HEATH ROAD OVER WEST BRANCH NORTH RIVER	Bridge Replacement	STATE	100%	APPROVED	ISSUED	CLEAR	\$1,723,408.45	3RD QTR	District 1	
FRANKLIN	607671	HEATH- BRIDGE REPLACEMENT, H-14-001, SR 8A (JACKSONVILLE STREET) OVER MILL BROOK	Bridge Replacement	STATE	100%	APPROVED	ISSUED	CLEAR	\$1,222,999.69	2ND QTR	District 1	
MERRIMACK VALLEY	607561	ANDOVER- METHUEN- INTERSTATE MAINTENANCE & RELATED WORK ON I-93	Resurfacing Interstate	STATE	100%	NA	ISSUED	CLEAR	\$13,932,707.19	3RD QTR	District 4	
MERRIMACK VALLEY	607573	HAVERHILL- RECONSTRUCTION ON ROUTE 97 (BROADWAY), FROM SILVER BIRCH LANE TO RESEARCH DRIVE	Hwy Reconstr - Minor	MUNI	100%	NA	ISSUED	CLEAR	\$7,155,884.97	3RD QTR	District 4	
MONTACHUSETT	607252	GARDNER- RESURFACING & RELATED WORK ON MATTHEW STREET	Hwy Reconstr - Restr and	MUNI	100%	NA	ISSUED	CLEAR	\$1,470,662.20	1ST QTR	District 3	
MONTACHUSETT	606435	HUBBARDSTON- RESURFACING AND RELATED WORK ON ROUTE 68, FROM BRIGHAM ROAD TO THE RUTLAND T.L.	Hwy Reconstr - Restr and	MUNI	100%	NA	ISSUED	CLEAR	\$3,896,760.80	3RD QTR	District 3	
MONTACHUSETT	607321	TEMPLETON- RESURFACING & RELATED WORK ON A SECTION OF ROUTE 68, FROM THE GARDNER C.L. TO THE END OF STATE HIGHWAY	Resurfacing DOT Owned	STATE	100%	NA	ISSUED	CLEAR	\$1,977,661.50	2016	District 2	REDISTRIBUTION ADV IN FFY 2016
MONTACHUSETT	607529	WINCHENDON- BRIDGE REPLACEMENT, W-39-015, NORTH ROYALSTON ROAD OVER TARBELL BROOK	Bridge Reconstruction	STATE	100%	APPROVED	ISSUED	CLEAR	\$2,243,868.40	3RD QTR	District 2	
MONTACHUSETT	607475	WINCHENDON- RESURFACING & RELATED WORK ON ROUTE 12, FROM MILL STREET/BEGINNING OF STATE HIGHWAY TO NEW HAMPSHIRE STATE LINE (2.5	Resurfacing DOT Owned	STATE	100%	NA	ISSUED	CLEAR	\$1,684,863.20	2ND QTR	District 2	
MONTACHUSETT	608542	WINCHENDON- RESURFACING & RELATED WORK ON ROUTE 140, FROM TEEL ROAD TO 430 FT. SOUTH OF ROUTE 12 (1.1 MILES)	Resurfacing	STATE	100%	NA	ISSUED	CLEAR	\$748,474.53	2016	District 2	REDISTRIBUTION ADV IN FFY 2016
NORTHERN MIDDLESEX	608181	BILLERICA- INTERSECTION & SIGNAL IMPROVEMENTS AT ROUTE 3A (BOSTON ROAD) AND ALLEN ROAD	Traffic Signals	STATE	100%	NA	ISSUED	CLEAR	\$2,862,595.50	3RD QTR	District 4	
NORTHERN MIDDLESEX	608036	WESTFORD- INTERSECTION IMPROVEMENTS @ GROTON ROAD (ROUTE 40) & OAK HILL ROAD	Traffic Signals	MUNI	100%	NA	ISSUED	CLEAR	\$3,333,581.05	3RD QTR	District 3	
PIONEER VALLEY	608192	AGAWAM- CHICOPEE- HOLYOKE- WEST SPRINGFIELD- STORMWATER IMPROVEMENTS ALONG I-91, I-391, ROUTE 57 AND ROUTE 5	Drainage	STATE	100%	NA	ISSUED	CLEAR	\$1,376,297.72	1ST QTR	District 2	
PIONEER VALLEY	608211	CHICOPEE- SPRINGFIELD- INTERSTATE MAINTENANCE & RELATED WORK ON I-291	Resurfacing Interstate	STATE	100%	NA	ISSUED	CLEAR	\$4,521,644.30	1ST QTR	District 2	
PIONEER VALLEY	608126	GOSHEN- RESURFACING AND RELATED WORK ON ROUTE 9, FROM CUMMINGTON T.L. TO ROUTE 112 (CAPE STREET)	Resurfacing DOT Owned	STATE	100%	NA	ISSUED	CLEAR	\$4,058,137.32	2016	District 1	REDISTRIBUTION ADV IN FFY 2016
SOUTHEASTERN MASSACHUSETTS	608176	BERKLEY- FREETOWN- RESURFACING & RELATED WORK ON ROUTE 24	Resurfacing DOT Owned	STATE	100%	NA	ISSUED	CLEAR	\$7,276,271.58	3RD QTR	District 5	
SOUTHEASTERN MASSACHUSETTS	608101	NEW BEDFORD- PARK AND RIDE IMPROVEMENTS INCLUDING A NEW BUS SHELTER REPLACEMENT AT THE MOUNT PLEASANT STREET PARK AND RIDE	Structures Maintenance	STATE	100%	NA	ISSUED	CLEAR	\$506,218.13	3RD QTR	District 5	
SOUTHEASTERN MASSACHUSETTS	607563	WAREHAM- ROCHESTER- MIDDLEBORO- INTERSTATE MAINTENANCE & RELATED WORK ON I-495	Resurfacing Interstate	STATE	100%	NA	ISSUED	CLEAR	\$13,064,861.40	3RD QTR	District 5	
SOUTHEASTERN MASSACHUSETTS	608080	WESTPORT- RESURFACING AND RELATED WORK ON ROUTE 88 FROM MILE MARKER 1.2 (JUST NORTH OF DRIFT ROAD) NORTHERLY TO MILE MARKER 7.5, JUST SOUTH	Resurfacing DOT Owned	STATE	100%	NA	ISSUED	CLEAR	\$6,110,528.15	1ST QTR	District 5	



# FFY 2017 Project Status

MPO	MassDOT Project ID	MassDOT Project Description	Project Type	Design Responsibility	Highway Design	Bridge Design	ROW Status	Environmental Status	Total Federal Participating Cost	Advert Quarter	District	Comment
STATEWIDE	607992	ANDOVER- BEDFORD- BILLERICA- TEWKSBURY- STORMWATER IMPROVEMENTS ALONG I-93, ROUTE 3 AND ROUTE 3A	Drainage	STATE	100%	NA	ISSUED	CLEAR	\$2,509,143.40	3RD QTR	District 4	
STATEWIDE	607517	DISTRICT 2- SYSTEMATIC BRIDGE MAINTENANCE AT VARIOUS LOCATIONS (2017)	Structures Maintenance	STATE	100%	APPROVED	ISSUED	CLEAR	\$1,666,827.00	3RD QTR	District 2	
STATEWIDE	607514	DISTRICT 5- BRIDGE MAINTENANCE AT VARIOUS LOCATIONS ALONG THE ROUTE 24 & ROUTE 3 CORRIDORS	Structures Maintenance	STATE	100%	APPROVED	ISSUED	CLEAR	\$1,834,324.70	1ST QTR	District 5	
STATEWIDE	607988	KINGSTON- DUXBURY- MARSHFIELD- RESURFACING & RELATED WORK ON ROUTE 3	Resurfacing DOT Owned	STATE	100%	NA	ISSUED	CLEAR	\$15,691,429.12	3RD QTR	District 5	
STATEWIDE	606577	NORTHAMPTON- HATFIELD- WHATELY- DEERFIELD- INTERSTATE MAINTENANCE & RELATED WORK ON I-91, FROM MM 26.97 TO MM 38.1 (NB) AND MM 37.7 (SB)	Resurfacing Interstate	STATE	100%	NA	ISSUED	CLEAR	\$15,594,975.20	2ND QTR	District 2	
STATEWIDE	607499	RANDOLPH- BOSTON- BRAINTREE- STEEL SUPERSTRUCTURE CLEANING (FULL REMOVAL) AND PAINTING OF 3 BRIDGES: R-01-006 (344), B-16-261 (3FK) & B-21-027(	Structures Maintenance	STATE	100%	NA	ISSUED	CLEAR	\$2,028,526.00	2ND QTR	District 6	
								38	\$177,094,743.75			
ADVERTISED AMENDED ONTO STIP												
BOSTON	608763	MEDFORD- STONEHAM- WOBURN- READING- HIGHWAY LIGHTING REHABILITATION ON I-93 (PHASE II)	Lighting	STATE	100%	NA	NONE	CLEAR	\$19,543,464.13	3RD QTR	District 6	
								1	\$19,543,464.13			
TO BE ADVERTISED ORIGINAL STIP												
BERKSHIRE	607551	LEE- LENOX- BRIDGE REPLACEMENT, L-05-020=L-07-003, VALLEY STREET OVER HOUSATONIC RIVER	Bridge Replacement	STATE	100%	APPROVED	MUNI	CLEAR	\$3,590,581.13	3RD QTR	District 1	
BERKSHIRE	607550	LEE- SUPERSTRUCTURE REPLACEMENT, L-05-034, CHAPEL STREET OVER GREENWATER BROOK	Bridge Replacement	STATE	75%	SKETCH APPROVED	MUNI	S7, MESA, 401, 404	\$1,429,084.06	4TH QTR	District 1	
BERKSHIRE	605799	WILLIAMSTOWN- RECONSTRUCTION & RELATED WORK ON ROUTE 43 (WATER STREET)	Hwy Reconstr - Minor	MUNI	100%	NA	STATE	CLEAR	\$2,776,203.68	4TH QTR	District 1	CONDITIONAL ROW
BOSTON	604173	BOSTON- BRIDGE REHABILITATION, B-16-016, NORTH WASHINGTON STREET OVER THE BOSTON INNER HARBOR	Bridge Replacement	MUNI	100%	FINAL UR	MUNI	CE, 4f, CG,	\$144,066,616.63	4TH QTR	District 6	COAST GUARD PERMIT
BOSTON	604761	BOSTON- MULTI-USE TRAIL CONSTRUCTION (SOUTH BAY HARBOR), FROM RUGGLES STATION TO FORT POINT CHANNEL	Bikeway/Bike Path	MUNI	100%	NA	MUNI	CE RE-EVAL, RDA, HAZ	\$2,229,018.00	4TH QTR	District 6	
BOSTON	608458	BOSTON- REVERE- GUIDE AND TRAFFIC SIGN REPLACEMENT ON ROUTE 1A	Structural Signaling	STATE	100%	NA	ISSUED	CLEAR	\$1,612,477.50	4TH QTR	District 6	PART OF 608599 PLACEHOLDER
BOSTON	607954	DANVERS- BRIDGE REPLACEMENT, D-03-018, ST 128 OVER WATERS RIVER	Bridge Replacement	STATE	25%	SKETCH APPROVED	NONE	S7, CE, 401, 404, HAZ	\$20,074,633.65	4TH QTR	District 4	
BOSTON	607309	HINGHAM- RECONSTRUCTION & RELATED WORK ON DERBY STREET, FROM POND PARK ROAD TO CUSHING STREET	Hwy Reconstr - Minor	MUNI	100%	NA	STATE	CLEAR	\$6,724,401.49	4TH QTR	District 5	CONDITIONAL ROW
BOSTON	604810	MARLBOROUGH- RECONSTRUCTION OF ROUTE 85 (MAPLE STREET)	Hwy Reconstr - Restr and	MUNI	100%	NA	ISSUED	CLEAR	\$6,035,209.78	3RD QTR	District 3	
BOSTON	607754	MILTON- INTERSECTION & SIGNAL IMPROVEMENTS AT GRANITE AVENUE & SQUANTUM STREET	Hwy Reconstr - Restr and	STATE	25%	NA	NONE	CLEAR	\$826,830.00	4TH QTR	District 6	
BOSTON	607999	REVERE- IMPROVEMENTS AT GARFIELD ELEMENTARY & MIDDLE SCHOOL (SRTS)	Roadway - Reconstr -	STATE	75%	NA	MUNI	CLEAR	\$1,303,693.65	4TH QTR	District 4	
BOSTON	607488	SOUTHBOROUGH- RESURFACING & RELATED WORK ON ROUTE 9, FROM THE FRAMINGHAM T.I. TO WHITE BAGLEY ROAD	Resurfacing DOT Owned	STATE	100%	NA	STATE	CLEAR	\$5,221,082.00	4TH QTR	District 3	ARTICLE 97 FILED 1-20-2017
BOSTON	602165	STONEHAM- SIGNAL & INTERSECTION IMPROVEMENTS AT ROUTE 28/NORTH STREET	Traffic Signals	STATE	100%	NA	STATE	CLEAR	\$2,774,561.75	4TH QTR	District 4	CONDITIONAL ROW
BOSTON	607507	WAKEFIELD- BRIDGE DECK REPLACEMENT, W-01-021 (2MF), HOPKINS STREET OVER I-95/ST 128	Bridge Reconstruction	STATE	PRE 25%	NO SUBMITTAL	NONE	S7, 106, CE, HAZ	\$2,646,360.00	4TH QTR	District 4	
BOSTON	608004	WATERTOWN- IMPROVEMENTS AT HOSMER ELEMENTARY SCHOOL (SRTS)	Hwy Reconstr - No Added	STATE	75%	NA	MUNI	CLEAR	\$1,178,828.50	4TH QTR	District 6	
BOSTON	608003	WEYMOUTH- IMPROVEMENTS AT PINGREE ELEMENTARY SCHOOL (SRTS)	Hwy Reconstr - No Added	STATE	100%	NA	MUNI	CLEAR	\$524,371.00	4TH QTR	District 6	
BOSTON	604935	WOBURN- RECONSTRUCTION OF MONTVALE AVENUE, FROM I-93 INTERCHANGE TO CENTRAL STREET (APPROX. 1,850 FT)	Hwy Reconstr - Minor	MUNI	75%	NA	MUNI	WPA	\$5,152,450.66	4TH QTR	District 4	
CAPE COD	608544	BOURNE- RESURFACING AND RELATED WORK ON ROUTE 6 & 28 BYPASS ROAD	Resurfacing	STATE	100%	NA	NONE	CLEAR	\$1,918,962.00	3RD QTR	District 5	
CAPE COD	606707	DENNIS- CORRIDOR AND STREETScape IMPROVEMENTS ON MAIN STREET (ROUTE 28), FROM DENNIS COMMONS DRIVE TO UPPER COUNTY ROAD	Hwy Reconstr - Minor	MUNI	100%	NA	STATE	CLEAR	\$7,355,766.14	4TH QTR	District 5	CONDITIONAL ROW
CENTRAL MASSACHUSETTS	602740	SHREWSBURY- RESURFACING & RELATED WORK ON MAIN STREET, FROM I-290 RAMPS EASTERLY TO MAPLE AVENUE	Hwy Reconstr - Restr and	MUNI	100%	NA	MUNI	CLEAR	\$6,259,138.84	4TH QTR	District 3	
CENTRAL MASSACHUSETTS	606638	SUTTON- BRIDGE REPLACEMENT, S-33-005, BLACKSTONE STREET OVER BLACKSTONE RIVER	Bridge Replacement	STATE	100%	FINAL TO DE	MUNI	CLEAR	\$3,882,962.33	4TH QTR	District 3	
CENTRAL MASSACHUSETTS	606434	WORCESTER- MAIN STREET BUSINESS DISTRICT STREETScape IMPROVEMENTS	Hwy Reconstr - Restr and	MUNI	100%	NA	MUNI	CLEAR	\$10,154,171.49	4TH QTR	District 3	

# FFY 2017 Project Status

MPO	MassDOT Project ID	MassDOT Project Description	Project Type	Design Responsibility	Highway Design	Bridge Design	ROW Status	Environmental Status	Total Federal Participating Cost	Advert Quarter	District	Comment
FRANKLIN	607527	ORANGE- BRIDGE REPLACEMENT, O-03-009, HOLTSHIRE ROAD OVER MILLERS RIVER	Bridge Replacement	STATE	100%	APPROVED	MUNI	CLEAR	\$5,853,743.76	4TH QTR	District 2	
FRANKLIN	607548	SHELburne- BRIDGE REPLACEMENT, S-11-006, BARDWELL FERRY ROAD OVER DRAGON BROOK	Bridge Replacement	STATE	100%	FINAL TO DE	MUNI	MESA, S7, 106, CE, 401/404	\$2,090,412.90	4TH QTR	District 1	
MERRIMACK VALLEY	606669	AMESBURY- POWWOW RIVERWALK CONSTRUCTION, MAIN STREET TO WATER STREET, INCLUDES PED BRIDGE OVER THE BACK RIVER & PED BRIDGE OVER THE	Bikeway/Bike Path	MUNI	100%	NA	MUNI	106, CE, NOI, CH91, HAZ, 404	\$726,110.00	4TH QTR	District 4	CHAPTER 91
MERRIMACK VALLEY	608187	HAVERHILL- MERRIMAC- AMESBURY- TRAFFIC & GUIDE SIGN REPLACEMENT ON A SECTION OF I-495	Structural Signing	STATE	100%	NA	NONE	CLEAR	\$4,458,042.80	4TH QTR	District 4	PART OF 608599 PLACEHOLDER
MERRIMACK VALLEY	608002	LAWRENCE- IMPROVEMENTS AT BRUCE ELEMENTARY SCHOOL (SRTS)	Hwy Reconstr - No Added	STATE	100%	NA	ISSUED	CLEAR	\$2,313,365.74	4TH QTR	District 4	
MONTACHUSETT	606124	FITCHBURG- LUNENBURG- LEOMINSTER- RECONSTRUCTION OF SUMMER STREET AND NORTH STREET	Hwy Reconstr - Restr and	MUNI	100%	NA	MUNI	CLEAR	\$10,136,824.68	4TH QTR	District 3	
MONTACHUSETT	608250	ROYALSTON- BRIDGE REPLACEMENT, R-12-001 (B35), STOCKWELL ROAD OVER LAWRENCE BROOK	Bridge Replacement	STATE	75%	FINAL TO DE	MUNI	MESA, S7, CE RE-EVAL, 404, 401	\$857,004.83	4TH QTR	District 2	
MONTACHUSETT	606575	STERLING- LANCASTER- LEOMINSTER- INTERSTATE MAINTENANCE & RELATED WORK ON I-190	Resurfacing Interstate	STATE	PRE 25%	NA	NONE	MESA, CE, RDA,	\$16,695,300.00	4TH QTR	District 3	
NORTHERN MIDDLESEX	607506	CHELMSFORD- BRIDGE DECK REPLACEMENT, C-08-037, ST 4 NORTH STREET OVER I-495	Bridge Reconstruction	STATE	100%	FINAL TO DE	NONE	CLEAR	\$2,466,294.00	4TH QTR	District 4	TO BE COMBINED WITH 607421
NORTHERN MIDDLESEX	607421	CHELMSFORD- INTERSECTION IMPROVEMENTS AT ROUTE 4 & I-495 (EXIT 33)	Traffic Signals	STATE	75%	NA	STATE	CLEAR	\$3,631,988.99	4TH QTR	District 4	TO BE COMBINED WITH 607506
NORTHERN MIDDLESEX	607752	LOWELL- INTERSECTION & SIGNAL IMPROVEMENTS AT 2 LOCATIONS: SR 113 (VARNUM AVENUE & VFW HIGHWAY) AT MAMMOTH ROAD & VFW AT AIKEN STREET	Hwy Reconstr - Restr and	STATE	75%	NA	STATE	CE	\$1,910,566.92	4TH QTR	District 4	CONDITIONAL ROW
OLD COLONY	605038	PLYMOUTH- RECONSTRUCTION OF TAYLOR AVENUE, FROM WHITE HORSE ROAD TO MANOMET POINT ROAD, INCLUDES BRIDGE REPLACEMENT OF P-13-010	Hwy Reconstr - Restr and	MUNI	100%	NA	MUNI	CE, 404,401	\$8,935,190.44	4TH QTR	District 5	
PIONEER VALLEY	605384	AGAWAM- WEST SPRINGFIELD- BRIDGE REPLACEMENT, A-05-002=W-21-014, ROUTE 147 OVER THE WESTFIELD RIVER & INTERSECTION & SIGNAL IMPROVEMENTS @ 3	Bridge Reconstruction	STATE	100%	FINAL TO DE	STATE/MUNI	NOI, 401, 404, 408, HAZ	\$29,209,434.73	4TH QTR	District 2	CONDITIONAL ROW
PIONEER VALLEY	607528	AMHERST- BRIDGE REPLACEMENT, A-08-008, MILL STREET OVER MILL RIVER	Bridge Reconstruction	STATE	100%	FINAL TO DE	MUNI	CLEAR	\$2,928,102.80	4TH QTR	District 2	
PIONEER VALLEY	608023	AMHERST- HADLEY- SIDEWALK & WHEELCHAIR RAMP CONSTRUCTION ON ROUTE 9	Roadway - Reconstr -	STATE	100%	NA	STATE	CLEAR	\$1,426,136.82	4TH QTR	District 2	
PIONEER VALLEY	607549	CHESTERFIELD- BRIDGE REPLACEMENT, C-12-009, IRELAND STREET OVER WEST BRANCH BRONSON BROOK	Bridge Replacement	STATE	75%	FINAL UR	MUNI	106-AE, 4f, CE, 401, 404, HAZ, CG	\$3,878,164.77	4TH QTR	District 1	
PIONEER VALLEY	606903	HOLYOKE- IMPROVEMENTS TO LOWER WESTFIELD ROAD ON I-91 (INTERCHANGE 15)	Hwy Reconstr - Minor	STATE	75%	NA	NONE	CE, WPA	\$1,070,240.00	4TH QTR	District 2	
PIONEER VALLEY	605011	LUDLOW- RECONSTRUCTION OF CENTER STREET (ROUTE 21), FROM 35' WEST OF BEACHSIDE DRIVE WESTERLY TO GAS LINE BESIDE MTA OVERPASS (3,500 FEET)	Hwy Reconstr - Minor	MUNI	100%	NA	MUNI	CLEAR	\$5,950,382.31	4TH QTR	District 2	
PIONEER VALLEY	604033	SOUTHWICK- RECONSTRUCTION CONGAMOND ROAD (ROUTE 168), FROM COLLEGE HIGHWAY & ENDS 250 FEET SHORT OF STATE LINE (1.2 MILES)	Hwy Reconstr - No Added	MUNI	100%	NA	MUNI	CLEAR	\$7,227,498.37	4TH QTR	District 2	
SOUTHEASTERN MASSACHUSETTS	602564	CARVER- MIDDLEBOROUGH- BRIDGE REPLACEMENT, C-04-004=M-18-025, ROCHESTER ROAD OVER VEWEAANTIC RIVER	Bridge Replacement	STATE	100%	FINAL TO DE	MUNI	CE, 401, 404	\$4,014,226.03	4TH QTR	District 5	
SOUTHEASTERN MASSACHUSETTS	608124	MIDDLEBOROUGH- INTERIM IMPROVEMENTS AT ROUTES 18/28/44 (ROTARY)	Pavement Marking	STATE	75%	NA	NONE	CLEAR	\$1,268,874.00	4TH QTR	District 5	
SOUTHEASTERN MASSACHUSETTS	605372	NORTH ATTLEBOROUGH- TRAFFIC SIGNAL AND INTERSECTION IMPROVEMENTS @ EAST WASHINGTON STREET (ROUTE 1) & CHESTNUT STREET	Traffic Signals	STATE	100%	NA	STATE	CLEAR	\$1,646,806.60	4TH QTR	District 5	
SOUTHEASTERN MASSACHUSETTS	605328	RAYNHAM- BRIDGE REPLACEMENT, R-02-013 (3PA), US 44 (CAPE HIGHWAY) OVER SR 24	Bridge Replacement	STATE	25%	SKETCH APPROVED	STATE	CE, 401, 404,	\$23,167,658.56	4TH QTR	District 5	CONDITIONAL ROW
SOUTHEASTERN MASSACHUSETTS	608740	WESTPORT- GUARD RAIL INSTALLATION ON I-195	Guard Rail & Fencing	STATE	PRE 25%	NA	NONE	S7, 106, CE, HAZ	\$500,000.00	4TH QTR	District 5	PART OF 608599 PLACEHOLDER
SOUTHEASTERN MASSACHUSETTS	608081	WESTPORT- RESURFACING AND RELATED WORK ALONG ROUTE 88 FROM MILE MARKER 0.0 (BEGINNING OF STATE HIGHWAY) NORTHERLY TO MILE MARKER 1.2,	Resurfacing DOT Owned	STATE	25%	NA	NONE	MESA	\$8,635,254.38	4TH QTR	District 5	
STATEWIDE	608554	DISTRICT 1- RETROREFLECTIVE SIGN UPGRADE ON SECONDARY ROADS	Sign Installation/Up	STATE	75%	NA	NONE	S7, 106, CE, HAZ	\$508,275.00	4TH QTR	District 1	
STATEWIDE	608555	DISTRICT 2- RETROREFLECTIVE SIGN UPGRADING ON SECONDARY ROADS	Sign Installation/Up	STATE	75%	NA	NONE	S7, 106, CE, HAZ	\$828,925.00	4TH QTR	District 2	
STATEWIDE	607038	DISTRICT 3- ADA RETROFITS AT VARIOUS LOCATIONS	New Sidewalks and	STATE	75%	NA	NONE	S7, CE	\$1,280,004.00	4TH QTR	District 3	
STATEWIDE	608556	DISTRICT 3- RETROREFLECTIVE SIGN UPGRADING ON SECONDARY ROADS	Sign Installation/Up	STATE	75%	NA	NONE	S7, 106, CE, HAZ	\$1,400,696.00	4TH QTR	District 3	
STATEWIDE	607039	DISTRICT 4- ADA RETROFITS AT VARIOUS LOCATIONS	New Sidewalks and	STATE	75%	NA	NONE	CE, WPA	\$1,729,830.38	4TH QTR	District 4	
STATEWIDE	608591	DISTRICT 4- CURVE WARNING SIGN UPGRADES ON SECONDARY STATE HIGHWAYS	Sign Installation/Up	STATE	PRE 25%	NA	NONE	S7, 106, CE, HAZ	\$1,800,000.00	4TH QTR	District 4	
STATEWIDE	608604	DISTRICT 4- DISTRICT 6- ITS EQUIPMENT (CCTV CAMERAS, TRAFFIC SENSORS AND VMS) FOR HIGHWAY OPERATIONS	Intelligent Transportation	STATE	75%	NA	NONE	CLEAR	\$6,798,899.01	4TH QTR	District 4	
STATEWIDE	608732	DISTRICT 4- PEDESTRIAN AND BICYCLE FACILITY UPGRADES AT VARIOUS LOCATIONS	Pavement Marking	STATE	100%	NA	MUNI	CE, WPA	\$331,195.94	4TH QTR	District 4	SPLIT OUT FROM 608540

# FFY 2017 Project Status

MPO	MassDOT Project ID	MassDOT Project Description	Project Type	Design Responsibility	Highway Design	Bridge Design	ROW Status	Environmental Status	Total Federal Participating Cost	Advert Quarter	District	Comment
STATEWIDE	607041	DISTRICT 5- ADA RETROFITS AT VARIOUS LOCATIONS	New Sidewalks and	STATE	75%	NA	NONE	S7, 106, CE, HAZ	\$575,000.00	4TH QTR	District 5	
STATEWIDE	608539	DISTRICT 5- PEDESTRIAN AND BICYCLE FACILITY UPGRADES AT VARIOUS LOCATIONS	Pavement Marking	STATE	25%	NA	NONE	WPA	\$729,184.86	4TH QTR	District 5	
STATEWIDE	607496	DISTRICT 6 - RETROREFLECTIVE SIGN UPGRADE ON SECONDARY ROADS	Sign Installation/Up	STATE	PRE 25%	NA	NONE	S7, 106, CE, HAZ	\$1,400,696.00	4TH QTR	District 6	
STATEWIDE	607042	DISTRICT 6- ADA RETROFITS AT VARIOUS LOCATIONS	New Sidewalks and	STATE	75%	NA	NONE	S7, 106, CE, HAZ	\$1,620,000.00	4TH QTR	District 6	
STATEWIDE	608540	DISTRICT 6- PEDESTRIAN AND BICYCLE FACILITY UPGRADES AT VARIOUS LOCATIONS	Pavement Marking	STATE	100%	NA	MUNI	CLEAR	\$563,806.38	4TH QTR	District 6	
STATEWIDE	608607	DISTRICTS 3- DISTRICT 5- ITS EQUIPMENT (CCTV CAMERAS, TRAFFIC SENSORS AND VMS) FOR HIGHWAY OPERATIONS	Intelligent Transportation	STATE	75%	NA	NONE	S7, 106, CE, HAZ	\$10,137,229.66	4TH QTR	District 3	
STATEWIDE	607916	FALL RIVER TO RANDOLPH- GUIDE & TRAFFIC SIGN REPLACEMENT ON A SECTION OF ROUTE 24	Structural Signaling	STATE	100%	NA	ISSUED	CLEAR	\$8,839,525.85	3RD QTR	District 5	
STATEWIDE	608570	MIDDLEBOROUGH- PLYMPTON- ROCHESTER- SIGNAGE IMPROVEMENTS AT VARIOUS LOCATIONS	Sign Installation/Up	STATE	100%	NA	ISSUED	CLEAR	\$1,175,762.25	3RD QTR	District 5	
STATEWIDE	608650	SALEM- ADAPTIVE SIGNAL CONTROLS ON ROUTE 107 (HIGHLAND AVENUE)	Traffic Signals	STATE	25%	NA	STATE	S7, 106, CE, HAZ	\$525,000.00	4TH QTR	District 4	
								64	\$428,979,059.04			
TO BE ADVERTISED AMENDED ONTO STIP												
BOSTON	608217	MARLBOROUGH- SUDBURY- STORMWATER IMPROVEMENTS ALONG ROUTE 20	Drainage	STATE	100%	NA	NONE	CLEAR	\$171,559.59	4TH QTR	District 3	
BOSTON	608806	WATERTOWN- CAMBRIDGE- MULTI-USE PATH CONSTRUCTION (PHASE II)	Bikeway/Bike Path	STATE	100%	NA	NONE	S7, CE	\$3,595,285.00	4TH QTR	District 6	
FRANKLIN	607182	DEERFIELD- BERNARDSTON- GREENFIELD- INTERSTATE MAINTENANCE & RELATED WORK ON ROUTE I-91	Resurfacing Interstate	STATE	100%	NA	NONE	CE	\$16,545,156.00	4TH QTR	District 2	
MARTHAS VINEYARD	608529	WEST TISBURY- RESURFACING OF CORRELLUS STATE FOREST BIKEPATH (PHASE 1 - DOCTOR FISHER ROAD PATH AND HOPPS FARM ROAD)	Bikeway/Bike Path	STATE	100%	NA	STATE	S7, CE	\$1,133,812.50	4TH QTR	District 5	
MERRIMACK VALLEY	608261	LAWRENCE- INTERSECTION IMPROVEMENTS AT MARSTON STREET & FERRY STREET/COMMONWEALTH DRIVE	Traffic Signals	MUNI	25%	NA	MUNI	CE	\$1,143,041.55	4TH QTR	District 4	
MONTACHUSETT	607770	LUNENBURG- RESURFACING & RELATED WORK ON ROUTE 13 (CHASE ROAD), FROM NORTHFIELD ROAD TO THE TOWNSEND T.L.	Hwy Reconstr - Restr and	MUNI	100%	NA	NONE	CE, WPA	\$1,938,494.00	4TH QTR	District 3	
PIONEER VALLEY	605150	GOSHEN- RESURFACING & RELATED WORK ON WEST STREET	Reclamation	MUNI	100%	NA	MUNI	S7, ENF, 106, CE	\$4,235,593.90	4TH QTR	District 1	
SOUTHEASTERN MASS	608751	MANSFIELD- TRAFFIC SIGNAL SYSTEM AND PAVEMENT MARKING UPGRADES ON I-495/ROUTE 140	Traffic Signals	STATE	PRE 25%	NA	NONE	S7, 106, CE, HAZ	\$500,000.00	4TH QTR	District 5	
								8	\$29,262,942.54			
WILL NOT BE ADVERTISED IN FFY 2017 ORIGINAL												
MERRIMACK VALLEY	605306	HAVERHILL- SUPERSTRUCTURE REPLACEMENT, H-12-039, I-495 (NB & SB) OVER MERRIMACK RIVER	Bridge Reconstruction	STATE	25%	SKETCH APPROVED	NONE	S7, CE, 401, 404, HAZ, STURRA	\$52,379,994.51	4TH QTR	District 4	SCOPE CHANGE TO FULL REPLACEMENT
OLD COLONY	608134	BROCKTON- STORMWATER IMPROVEMENTS ALONG ROUTE 28	Drainage	STATE	75%	NA	STATE	CLEAR	\$101,935.53	4TH QTR	District 5	
								2	\$52,481,930.04			
								ADVERTISED ORIGINAL STIP	38	\$177,094,743.75		
								ADVERTISED AMENDED	1	\$19,543,464.13		
								TO BE ADVERTISED ORIGINAL	64	\$428,979,059.04		
								TO BE ADVERTISED AMENDED	8	\$29,262,942.54		
								TOTAL ADVERTISEMENTS	111	\$654,880,209.46		
TO BE ADVERTISED TIGER GRANT												
NORTHERN MIDDLESEX	608420	LOWELL- RECONSTRUCTION AND REHABILITATION OF SIX BRIDGES (ENEL BRIDGES) TIGER GRANT	Bridge Reconstruction	MUNI	25%	TYPE SELECTION	MUNI	S7, 106, CE, HAZ	\$21,003,000.00	4TH QTR	District 4	DESIGN

## Air quality

Nearly all of Massachusetts was designated on May 21, 2012 by EPA (with limited exceptions) as “unclassifiable/attainment” for the latest ozone standard, a conformity determination for the 2018-22 Massachusetts State Transportation Improvement Program is now not required.

One of the limited exceptions involves the designation of Dukes County (Martha’s Vineyard) as non-attainment. Martha’s Vineyard is an “isolated rural area” and as such, for transportation improvement programs composed entirely of exempt projects (40 CFR 93.126), an air quality conformity analysis and determination is not required.

Martha’s Vineyard / Dukes County has historically programmed – and continues to program – in its TIP only “Exempt” transportation projects as defined in 40 CFR 93.126, so their current FFY 2018-22 Transportation Improvement Program does not require an air quality conformity analysis or determination for the 2008 National Ambient Air Quality Standard (NAAQS).

For these reasons – an “unclassifiable/attainment” designation for most of Massachusetts currently, plus the fact that the Martha’s Vineyard region has only programmed “exempt” transportation projects, the Commonwealth does not need to perform a conformity analysis or determination for ozone on the current STIP.

## Greenhouse gas tracking

This section summarizes the greenhouse gas (GHG) impacts anticipated to result from the projects that are included in this FFY 2018 – 2022 STIP. It includes a summary of the state laws and policies that call for reducing greenhouse gas in order to mitigate global climate change; actions that respond to these state laws and policies; the role of regional planning and STIP development in reducing GHG emission and tracking these reductions; and the projected GHG emission impacts from the projects programmed in the STIP.

### State policy context

The Global Warming Solutions Act (GWSA), which was signed into law in August 2008, makes Massachusetts a leader in setting aggressive and enforceable GHG reduction targets, and implementing policies and initiatives to achieve these targets. In keeping with the law, on December 29, 2010 the Massachusetts Executive Office of Energy and Environmental Affairs (EOEEA), in consultation with other state agencies and the public, released the Massachusetts Clean Energy and Climate Plan for 2020. In December 2014, DEP issued new regulations that require MPOs to quantify impacts from project investments, track progress towards reductions, and consider impacts in the prioritization of project investments. The targets for overall statewide GHG emissions are:



## The role of MPOs

The Commonwealth's thirteen metropolitan planning organizations (MPOs) are integrally involved in supporting the GHG reductions mandated under the GWSA. The MPOs are most directly involved in helping to achieve the GHG emissions reductions through the promotion of healthy transportation modes through prioritizing and programming an appropriate balance of roadway, transit, bicycle and pedestrian investments – and assisting smart growth development patterns through the creation of a balanced multi-modal transportation system. This is realized through the transportation goals and policies espoused in the 2016 Regional Transportation Plans (RTPs); the major projects planned in those RTPs; and the mix of new transportation projects that are programmed and implemented through the TIPs. GHG tracking and evaluation processes enable the MPOs to identify anticipated GHG impacts of planned and programmed projects, and also to use GHG impacts as a criterion in prioritizing transportation projects.

## **Project-level GHG tracking and evaluation in TIPs**

It is also important to monitor and evaluate the GHG impacts of the transportation projects that are programmed in the MPOs' TIPs. The TIPs include both the larger, regionally-significant projects from the RTPs, which are reported in the Statewide GHG report, as well as smaller projects that are not included in the RTP but that may nevertheless have impacts on GHG emissions. The principal objective of this tracking is to enable the MPOs to evaluate expected GHG impacts of different projects and to use this information as a criterion for prioritizing and programming projects.

## **Calculation of GHG Impacts for TIP Projects**

MassDOT has adopted spreadsheets used by MPOs to determine CMAQ eligibility and to also include CO2 impacts. The data and analysis required for these calculations is available from functional design reports that are submitted for projects that would produce a measurable GHG impact.

## **Projects with quantified impacts**

### **RTP Projects**

Major capacity expansion projects are expected to have a significant impact on GHG emissions. These projects are included in each MPO's RTPs and analyzed using either the statewide model or the Boston MPO's regional model, which reflect GHG impacts. As a result, no independent TIP calculations are required.



## Quantified Decrease in Emissions

For those projects that are expected to produce a measurable decrease in emissions, the approach for calculating these impacts is described below. These projects are categorized in the following manner:

- **Quantified Decrease in Emissions from Traffic Operational Improvement** - An intersection reconstruction or signalization project that is projected to reduce delay and congestion.
- **Quantified Decrease in Emissions from Pedestrian and Bicycle Infrastructure** - A shared-use path that enables increased walking and biking and decreases vehicle-miles traveled (VMT).
- **Quantified Decrease in Emissions from New/Additional Transit Service** - A bus or shuttle service that enables increased transit ridership and decreased VMT
- **Quantified Decrease in Emissions from a Park and Ride Lot** - A park-and-ride lot that enables increased transit ridership/ increased ridesharing and decreased VMT
- **Quantified Decrease in Emissions from Bus Replacement** - a bus replacement that directly reduces GHG emissions generated by service.
- **Quantified Decrease in Emissions from Complete Streets Improvements** - Improvements to roadway networks that include the addition of bicycle and pedestrian accommodations where none were present before.

- **Quantified Decrease in Emissions from Alternative Fuel Vehicle Procurements** – A vehicle procurement where alternative fuel/advanced technology vehicles replace traditional gas or diesel vehicles.
- **Quantified Decrease in Emissions from Anti-idling Strategies** – Implementation of policies such as limiting idling allowed, incorporating anti-idling technology into fleets and using LED lights on trucks for the purpose of illuminating worksites.
- **Quantified Decrease in Emissions from Bike Share Projects** – A new bike share project or capacity added to an existing project.
- **Quantified Decrease in Emissions from Induced Travel Projects** – A project that changes roadway capacity
- **Quantified Decrease in Emissions from Speed Reduction Programs** – Programs that reduce speed to no less than 55 miles per hour.
- **Quantified Decrease in Emissions from Transit Signal Priority Projects** – A project that applies this technology to a signal intersection or along a corridor that impacts bus service.
- **Quantified Decrease in Emissions from Truck Stop Electrification Projects** – A new truck stop electrification project or capacity added to an existing project.
- **Quantified Decrease in Emissions from Other Improvement**

### **Quantified Increase in Emissions**

Projects expected to produce a measurable increase in emissions.

## **Projects with no assumed impacts**

### **No Assumed Impact/Negligible Impact on Emissions**

Projects that do not change the capacity or use of a facility (e.g. roadway median barrier or retaining wall replacement, or a bridge rehabilitation/replacement that restores the bridge to its previous condition) are assumed to have no/negligible GHG impact.

### **Qualitative Decrease in Emissions**

Projects expected to produce a minor decrease in emissions that cannot be calculated with any precision. Examples of such projects include roadway repaving, signage improvement, ITS improvement, or transit marketing/customer experience improvement.

### **Qualitative Increase in Emissions**

Projects expected to produce a minor increase in emissions that cannot be calculated with any precision.

## **Greenhouse gas impact tables for FFY 2018 – 2022 TIP**

The tables summarizing the calculated quantitative and assumed qualitative impacts of the projects included in each regional FFY 2018 – 2022 TIP are found following the investment tables at the end of the STIP.

## Public comment

The public comment period closed on May 30, 2017, and the following are comments that MassDOT received. The comments have been paraphrased.

### From Southeastern Regional Planning and Economic Development District (SRPEDD):

SRPEDD requested clarification of the following:

- FFY 2018

Project 607392 has moved to FFY 2019. Project 608747 should be included in the category of Roadway Reconstruction.

- FFY 2019

Project 607304 has moved to FFY 2018. Project 117106 total programmed funds should be \$9,596,153.

- FFY 2020

Project 606718 total programmed funds should be \$2,700,864.

- FFY 2021

Project 607979 has moved to FFY 2020.

- FFY 2022

Project 608535 total programmed funds should be \$8,120,000. Project 607871 total programmed funds should be \$4,287,636.

The section of the document entitled “FFY 2018-2022 GHG Impacts” (Page 186) did not list any transit projects. Transit projects and their subsequent GHG analyses are included with the FFY 2018-2022 Transportation Improvement Program (TIP) that was recently endorsed by the Southeastern Massachusetts Metropolitan Planning Organization (SMMPO). This information should be considered for inclusion with the STIP.

### **MassDOT Response**

The draft FFY 2018-2022 STIP was compiled with the draft TIPs released for comment by each of the MPOs. The final SMMPO TIP included the aforementioned changes to projects, and hence, these are included in the final FFY 2018-2022 STIP.

Transit GHG impacts provided by the MPOs are being tracked by MassDOT for projects that have been completed or awarded, however much of the information provided for future transit projects remains incomplete or unknown. MassDOT will continue working with the MPOs and RTAs on improving GHG tracking for transit projects for inclusion into the STIP.

### **From Frank Brunelle:**

Opposes the current design of the 607411 Tisbury – Bike & Pedestrian Improvements Along Beach Road, From The Termination Of The Existing Shared Use Path Westerly To The Five Corners Intersection. Mr. Brunelle notes that the cost has increased to \$4.3 million which is not reflected in the STIP. Requests that the original feasibility study be reexamined and a new study be conducted to review the original recommendations. Requests the design avoid an intersection and right of way impacts on the southern portion of the project; requests the utility relocation of overhead lines to underground; and cites safety concerns for cyclists and motorists. Also requests the comment be entered into the body of the STIP document.

### **MassDOT Response**

MassDOT is committed to providing safe and effective transportation access for all modes of travel and supports multi-modal transportation improvement projects that enhance mobility and increase safety. We appreciate the priority that you place on the design of this project.

The 607411 project was previously programmed in the FFY 2017-2021 STIP in FFY 2018 and 2019 at a total programmed cost of \$2,547,956. The FFY 2018-2022 STIP includes this project in FFY 2019 and 2020, at the newly programmed cost of \$4,563,929, which includes 4% year of expenditure (YOE) growth.

Public participation is crucial for the project development process to be successful. Stakeholders for this project should work closely with MassDOT Highway District 5 to ensure that the project design meets the needs of the users. MassDOT will continue to work with the Town of Tisbury and the Martha's Vineyard Commission on the development of this project.

## 2018-2022 investment tables



2018										
YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
SECTION 1A / REGIONALLY PRIORITIZED PROJECTS										
Regionally Prioritized Projects										
Bicycles and pedestrians program										
2018	608352	BOSTON	SALEM	SALEM- CANAL STREET RAIL TRAIL CONSTRUCTION (PHASE 2)	4	TAP	\$2,787,456	\$2,229,965	\$557,491	Construction; TAP Total Cost = \$2,787,456; MPO Evaluation Score = 37; TAP project proponent = Salem
2018	608529	MARTHA'S VINEYARD	WEST TISBURY	WEST TISBURY- MARTHA'S VINEYARD CORRELLUS BIKE PATH (PHASE 1)	5	STP	\$545,620	\$436,496	\$109,124	75% Design; Total Project Cost \$1,093,508; AC Year 2 of 2; Phase 2 of Correllus State Forest Bike Path Old County Road resurfacing
2018	605020	MERRIMACK VALLEY	SALISBURY	SALISBURY- MULTI-USE TRAIL EXTENSION (BORDERS TO BOSTON TRAIL), INCLUDES NEW BRIDGE S-02-004	4	CMAQ	\$3,215,183	\$2,572,146	\$643,037	a) Construction; b) \$5,918,500 = \$3,215,183 CMAQ + \$2,703,317 TAP; d) TEC = 5.88 out of 18; h) Project Proponent is Town of Salisbury
2018	605020	MERRIMACK VALLEY	SALISBURY	SALISBURY- MULTI-USE TRAIL EXTENSION (BORDERS TO BOSTON TRAIL), INCLUDES NEW BRIDGE S-02-004	4	TAP	\$2,703,317	\$2,162,654	\$540,633	a) Construction; b) \$5,918,500 = \$3,215,183 CMAQ + \$2,703,317 TAP; d) TEC = 5.88 out of 18; h) Project Proponent is Town of Salisbury
BICYCLES AND PEDESTRIANS PROGRAM SUBTOTAL:							\$9,251,576	\$7,401,261	\$1,850,285	
Capacity program										
2018	603711	BOSTON	MULTIPLE	NEEDHAM- WELLESLEY- REHAB/REPLACEMENT OF 6 BRIDGES ON I-95/ROUTE 128: N-04-020, N-04-021, N-04-022, N-04-026, N-04-027, N-04-037 & W-13-023 (ADD-A-LANE - CONTRACT V)	6	NHPP	\$1,988,367	\$1,590,694	\$397,673	Construction; NHPP+BR+Statewide Infrastructure Total Cost = \$164,919,140 (\$1,988,367 programmed within FFYs 2018-22 TIP) ; AC Yr 5 of 5
2018	601630	BOSTON	MULTIPLE	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)	6	STP	\$27,631,758	\$22,105,406	\$5,526,352	Construction; STP+NHPP+HSIP+TEA-21 Earmark+BR Total Cost = \$81,812,268; AC Yr 3 of 3 (project originally funded into FFY 2019, but all remaining funding was transferred into FFY 2018)
CAPACITY PROGRAM SUBTOTAL:							\$29,620,125	\$23,696,100	\$5,924,025	
Intersection Improvements										
2018	608786	PIONEER VALLEY	MULTIPLE	AMHERST- HADLEY- NORTHAMPTON- TRANSIT SIGNAL PRIORITY UPGRADES AT VARIOUS LOCATIONS	2	STP	\$407,369	\$325,895	\$81,474	Construction / YOE \$1,200,000 TAP, STP) / 35 TEC / Design is underway
2018	608786	PIONEER VALLEY	MULTIPLE	AMHERST- HADLEY- NORTHAMPTON- TRANSIT SIGNAL PRIORITY UPGRADES AT VARIOUS LOCATIONS	2	TAP	\$792,630	\$634,104	\$158,526	Construction / YOE \$1,200,000 TAP, STP) / 35 TEC / Design is underway
INTERSECTION IMPROVEMENTS SUBTOTAL:							\$1,199,999	\$959,999	\$240,000	

2018										
YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
Intersection improvements program										
2018	605740	CENTRAL MASSACHUSETTS	WORCESTER	WORCESTER- INTERSECTION IMPROVEMENTS AT WINTHROP STREET & PROVIDENCE STREET, VERNON STREET & GRANITE STREET	3	CMAQ	\$2,680,080	\$2,144,064	\$536,016	Construction / CMAQ + HSIP Total Project Cost = \$4,996,160 / PM Score = 14 / Design Status = 25%
2018	605740	CENTRAL MASSACHUSETTS	WORCESTER	WORCESTER- INTERSECTION IMPROVEMENTS AT WINTHROP STREET & PROVIDENCE STREET, VERNON STREET & GRANITE STREET	3	HSIP	\$458,309	\$412,478	\$45,831	Construction / CMAQ + HSIP Total Project Cost = \$4,996,160 / PM Score = 14 / Design Status = 25%
2018	605740	CENTRAL MASSACHUSETTS	WORCESTER	WORCESTER- INTERSECTION IMPROVEMENTS AT WINTHROP STREET & PROVIDENCE STREET, VERNON STREET & GRANITE STREET	3	STP	\$2,089,993	\$1,671,994	\$417,999	Construction / CMAQ + HSIP Total Project Cost = \$4,996,160 / PM Score = 14 / Design Status = 25%
2018	608188	MONTACHUSETT	MULTIPLE	GARDNER- LEOMINSTER- STERLING- INTERSECTION IMPROVEMENTS AT 3 LOCATIONS	3	HSIP	\$700,000	\$630,000	\$70,000	Construction; Total \$1,200,000; Regional HSIP (\$700,000) & Statewide HSIP (\$500,000); TEC = 44; Locations: Gardner - Rt 2/Rt 68; Leominster - Leominster Connector/Nashua St; Sterling - Rt 12/Pratt Junction Rd/North Row Rd
2018	608037	NORTHERN MIDDLESEX	WESTFORD	WESTFORD- INTERSECTION IMPROVEMENTS @ GROTON ROAD (ROUTE 40) & DUNSTABLE ROAD	3	CMAQ	\$588,901	\$471,121	\$117,780	Construction; Total cost: \$2,248,616 using STP and CMAQ; NMMPO TEC Score: 6.25 out of 18.
2018	608037	NORTHERN MIDDLESEX	WESTFORD	WESTFORD- INTERSECTION IMPROVEMENTS @ GROTON ROAD (ROUTE 40) & DUNSTABLE ROAD	3	STP	\$1,659,715	\$1,327,772	\$331,943	Construction; Total cost: \$2,248,616 using STP and CMAQ; NMMPO TEC Score: 6.25 out of 18.
2018	606189	NORTHERN MIDDLESEX	LOWELL	LOWELL- IMPROVEMENTS ON ROUTE 38 AT FOUR INTERSECTIONS	4	STP	\$4,144,191	\$3,315,353	\$828,838	Construction; Total Cost: \$4,426,100 using HSIP and TAP; NMMPO TEC Score: 6.27 out of 18.
2018	606189	NORTHERN MIDDLESEX	LOWELL	LOWELL- IMPROVEMENTS ON ROUTE 38 AT FOUR INTERSECTIONS	4	TAP	\$281,909	\$225,527	\$56,382	Construction; Total Cost: \$4,426,100 using HSIP and TAP; NMMPO TEC Score: 6.27 out of 18.
2018	607438	OLD COLONY	EASTON	EASTON- INTERSECTION IMPROVEMENTS AT WASHINGTON STREET (ROUTE 138) AND UNION STREET	5	CMAQ	\$1,139,886	\$911,909	\$227,977	a) Construction; b) Total Project Cost = \$2,160,421 w/ \$1,139,886 of CMAQ funding, and \$1,020,535 of STP funding; d) MPO score 7.85
2018	607438	OLD COLONY	EASTON	EASTON- INTERSECTION IMPROVEMENTS AT WASHINGTON STREET (ROUTE 138) AND UNION STREET	5	STP	\$1,020,535	\$816,428	\$204,107	a) Construction; b) Total Project Cost = \$2,160,421 w/ \$1,139,886 of CMAQ funding, and \$1,020,535 of STP funding; d) MPO score 7.85
2018	607337	OLD COLONY	PEMBROKE	PEMBROKE- INTERSECTION IMPROVEMENTS AND RELATED WORK AT WASHINGTON STREET (ROUTE 53) AND PLEASANT STREET	5	HSIP	\$455,954	\$410,359	\$45,595	a) Construction; b) Total Project Cost = \$2,264,709 w/ \$455,954 of HSIP funding, and \$1,808,755 of STP funding; d) MPO score 6.85

2018										
YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2018	607337	OLD COLONY	PEMBROKE	PEMBROKE- INTERSECTION IMPROVEMENTS AND RELATED WORK AT WASHINGTON STREET (ROUTE 53) AND PLEASANT STREET	5	STP	\$1,808,755	\$1,447,004	\$361,751	a) Construction; b) Total Project Cost = \$2,264,709 w/ \$455,954 of HSIP funding, and \$1,808,755 of STP funding; d) MPO score 6.85
2018	604203	PIONEER VALLEY	AGAWAM	AGAWAM- INTERSECTION IMPROVEMENTS AT ROUTE 187 & ROUTE 57	2	STP	\$3,288,000	\$2,630,400	\$657,600	Construction / (YOE \$3,288,000 STP) / 60 TEC / 25%
2018	607304	SOUTHEASTERN MASSACHUSETTS	DARTMOUTH	DARTMOUTH- INTERSECTION IMPROVEMENTS & RELATED WORK AT CHASE ROAD & OLD WESTPORT ROAD	5	STP	\$1,026,305	\$821,044	\$205,261	a) Construction; b) Total Cost = \$1,026,305 STP; d) EC Score 24 of 87; h) Project Proponent - Dartmouth; i) Status 25%; Anticipating CMAQ Eligibility
INTERSECTION IMPROVEMENTS PROGRAM SUBTOTAL:							\$21,342,533	\$17,235,453	\$4,107,080	
Planning / Adjustments / Pass-throughs										
2018	1570	BOSTON	MULTIPLE	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	6	CMAQ	\$46,500,000	\$37,200,000	\$9,300,000	Construction; STP+CMAQ+Section 5309 (Transit) Total MPO Contribution = \$190,000,000; funding flexed to FTA; match provided by local contributions; AC Yr 3 of 6
2018	CC1000	CAPE COD	BARNSTABLE	BARNSTABLE - HYANNIS LOOP DEMONSTATION	5	CMAQ	\$711,828	\$569,462	\$142,366	Construction; Total project cost = \$1,423,656 (CMAQ + CCRTA SCA match); AC Year 3 of 3; MPO score = 60; Transfer to FTA; CCRTA SCA match
2018	CC2000	CAPE COD	MULTIPLE	CAPE COD - BICYCLE RACK PROGRAM	5	CMAQ	\$100,000	\$80,000	\$20,000	Construction; Total project cost = \$100,000; MPO score = 52; CMAQ approved; Funds to be applied for by municipalities.
2018	MY1000	MARTHA'S VINEYARD	MULTIPLE	Design-Build Five Permanent Traffic Count Stations on Martha's Vineyard	5	STP	\$140,000	\$112,000	\$28,000	Design-Build traffic count sensors with wireless capabilities & data transmission into the MassDOT MS2 system. Locations include 8 legs of OB roundabout; Edg-WT Rd in WT; Upper Main St Edg; New York Ave OB; and State Rd at Tis / WT Town Line.
2018	PV0005	PIONEER VALLEY	MULTIPLE	PVTA P21 Express Service Between Union Station in Springfield and the Holyoke Transportation Center	2	CMAQ	\$500,000	\$400,000	\$100,000	Operating / Flex CMAQ funds to FTA for operation of P21 Express
PLANNING / ADJUSTMENTS / PASS-THROUGHS SUBTOTAL:							\$47,951,828	\$38,361,462	\$9,590,366	
Roadway reconstruction program										
2018	606462	BERKSHIRE	LENOX	LENOX- RECONSTRUCTION & MINOR WIDENING ON WALKER STREET, INCLUDES REPLACEMENT OF CULVERT OVER WOODS CROSSING BROOK	1	CMAQ	\$494,118	\$395,294	\$98,824	STP + CMAQ; Total Cost = 8,000,000; AC Year 1 of 2; MPO evaluation score 4 of 8; Design Status: 75%
2018	606462	BERKSHIRE	LENOX	LENOX- RECONSTRUCTION & MINOR WIDENING ON WALKER STREET, INCLUDES REPLACEMENT OF CULVERT OVER WOODS CROSSING BROOK	1	STP	\$6,099,459	\$4,879,567	\$1,219,892	STP + CMAQ; Total Cost = 8,000,000; AC Year 1 of 2; MPO evaluation score 4 of 8; Design Status: 75%

2018										
YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2018	607429	BERKSHIRE	NORTH ADAMS	NORTH ADAMS- INTERSECTION IMPROVEMENTS AT ROUTE 2 & PHELPS AVENUE	1	STP	\$1,280,000	\$1,024,000	\$256,000	STP; Total Cost = 1,280,000; MPO evaluation score 4 of 8; Design Status: 25%
2018	604989	BOSTON	SOUTHBOROUGH	SOUTHBOROUGH- RECONSTRUCTION OF MAIN STREET (ROUTE 30), FROM SEARS ROAD TO PARK STREET	3	STP	\$4,815,440	\$3,852,352	\$963,088	Construction; CMAQ+TAP+STP Total Cost = \$7,271,690; MPO Evaluation Score = 42
2018	604989	BOSTON	SOUTHBOROUGH	SOUTHBOROUGH- RECONSTRUCTION OF MAIN STREET (ROUTE 30), FROM SEARS ROAD TO PARK STREET	3	TAP	\$1,456,250	\$1,165,000	\$291,250	Construction; CMAQ+TAP+STP Total Cost = \$7,271,690; MPO Evaluation Score = 42; TAP project proponent = Southborough
2018	600518	BOSTON	HINGHAM	HINGHAM- INTERSECTION IMPROVEMENTS AT DERBY STREET, WHITING STREET (ROUTE 53) AND GARDNER STREET	5	HSIP	\$296,103	\$266,493	\$29,610	Construction; STP+HSIP Total Cost = \$2,844,392; MPO Evaluation Score = 28
2018	600518	BOSTON	HINGHAM	HINGHAM- INTERSECTION IMPROVEMENTS AT DERBY STREET, WHITING STREET (ROUTE 53) AND GARDNER STREET	5	STP	\$2,548,289	\$2,038,631	\$509,658	Construction; STP+HSIP Total Cost = \$2,844,392; MPO Evaluation Score = 28
2018	605110	BOSTON	BROOKLINE	BROOKLINE- INTERSECTION & SIGNAL IMPROVEMENTS @ ROUTE 9 & VILLAGE SQUARE (GATEWAY EAST)	6	CMAQ	\$1,000,000	\$800,000	\$200,000	Construction; TAP+STP+CMAQ+Private Sector Contribution (\$1,000,000) = \$7,000,834; MPO Evaluation Score = 68
2018	605110	BOSTON	BROOKLINE	BROOKLINE- INTERSECTION & SIGNAL IMPROVEMENTS @ ROUTE 9 & VILLAGE SQUARE (GATEWAY EAST)	6	STP	\$3,745,834	\$2,996,667	\$749,167	Construction; TAP+STP+CMAQ+Private Sector Contribution (\$1,000,000) = \$7,000,834; MPO Evaluation Score = 68
2018	605110	BOSTON	BROOKLINE	BROOKLINE- INTERSECTION & SIGNAL IMPROVEMENTS @ ROUTE 9 & VILLAGE SQUARE (GATEWAY EAST)	6	TAP	\$1,255,000	\$1,004,000	\$251,000	Construction; TAP+STP+CMAQ+Private Sector Contribution (\$1,000,000) = \$7,000,834; MPO Evaluation Score = 68; TAP project proponent = Brookline
2018	604989	BOSTON	SOUTHBOROUGH	SOUTHBOROUGH- RECONSTRUCTION OF MAIN STREET (ROUTE 30), FROM SEARS ROAD TO PARK STREET	6	CMAQ	\$1,000,000	\$800,000	\$200,000	Construction; CMAQ+TAP+STP Total Cost = \$7,271,690; MPO Evaluation Score = 42
2018	607435	CAPE COD	BARNSTABLE	BARNSTABLE- INTERSECTION IMPROVEMENTS @ FALMOUTH ROAD (ROUTE 28) & OSTERVILLE-WEST BARNSTABLE ROAD	5	HSIP	\$458,514	\$412,663	\$45,851	Construction; Total project cost = \$3,191,863 (STP + HSIP); MPO score = 65; RSA conducted
2018	607435	CAPE COD	BARNSTABLE	BARNSTABLE- INTERSECTION IMPROVEMENTS @ FALMOUTH ROAD (ROUTE 28) & OSTERVILLE-WEST BARNSTABLE ROAD	5	STP	\$2,733,349	\$2,186,679	\$546,670	Construction; Total project cost = \$3,191,863 (STP + HSIP); MPO score = 65; RSA conducted
2018	606596	CAPE COD	CHATHAM	CHATHAM- IMPROVEMENTS ON MAIN STREET (ROUTE 28), FROM GEORGE RYDER ROAD TO BARN HILL ROAD	5	CMAQ	\$334,457	\$267,566	\$66,891	Construction; Total project cost = \$4,139,760 (STP + CMAQ + TAP); MPO score = 66; Municipality is TAP proponent; RSA conducted; CMAQ approved
2018	606596	CAPE COD	CHATHAM	CHATHAM- IMPROVEMENTS ON MAIN STREET (ROUTE 28), FROM GEORGE RYDER ROAD TO BARN HILL ROAD	5	STP	\$3,599,494	\$2,879,595	\$719,899	Construction; Total project cost = \$4,139,760 (STP + CMAQ + TAP); MPO score = 66; Municipality is TAP proponent; RSA conducted; CMAQ approved

## 2018

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2018	606596	CAPE COD	CHATHAM	CHATHAM- IMPROVEMENTS ON MAIN STREET (ROUTE 28), FROM GEORGE RYDER ROAD TO BARN HILL ROAD	5	TAP	\$205,809	\$164,647	\$41,162	Construction; Total project cost = \$4,139,760 (STP + CMAQ + TAP); MPO score = 66; Municipality is TAP proponent; RSA conducted; CMAQ approved
2018	606440	CENTRAL MASSACHUSETTS	PRINCETON	PRINCETON- RECONSTRUCTION OF ROUTE 140, FROM STERLING T.L. THROUGH EAST PRINCETON VILLAGE TO ROUTE 31, INCLUDING REHAB OF P-16-017	3	STP	\$8,000,000	\$6,400,000	\$1,600,000	Construction / STP Total Project Cost = \$8,000,000 / PM Score = 13 / Design Status = 75%
2018	604948	CENTRAL MASSACHUSETTS	UXBRIDGE	UXBRIDGE- RECONSTRUCTION OF ROUTE 122 (NORTH MAIN STREET), FROM HARTFORD AVENUE TO ROUTE 16	3	STP	\$4,612,400	\$3,689,920	\$922,480	Construction / Total Project Cost = \$4,612,400 / PM Score = 12 / Design Status = 75%
2018	606888	CENTRAL MASSACHUSETTS	WORCESTER	WORCESTER- BLACKSTONE CANAL STREETSCAPE IMPROVEMENTS ON HARDING STREET	3	STP	\$414,528	\$331,622	\$82,906	Construction / STP + TAP + Sec 129 Total Project Cost = \$1,915,100 / MA238 / Design Status = 75/100% / \$300,000 of the total cost is being paid by the City of Worcester
2018	606888	CENTRAL MASSACHUSETTS	WORCESTER	WORCESTER- BLACKSTONE CANAL STREETSCAPE IMPROVEMENTS ON HARDING STREET	3	TAP	\$504,204	\$403,363	\$100,841	Construction / STP + TAP + Sec 129 Total Project Cost = \$1,915,100 / MA238 / Design Status = 75/100% / \$300,000 of the total cost is being paid by the City of Worcester
2018	606507	FRANKLIN	CHARLEMONT	CHARLEMONT- ROADWAY RECONSTRUCTION AND VILLAGE CENTER TRAFFIC CALMING ON ROUTE 2, FROM MM 29.5 TO MM 31.0	1	CMAQ	\$275,000	\$220,000	\$55,000	Construction; Total project cost \$6,543,238, funded with combination of CMAQ, STP and Statewide STP; TEC score 9.4; PSAC score 30.5
2018	606507	FRANKLIN	CHARLEMONT	CHARLEMONT- ROADWAY RECONSTRUCTION AND VILLAGE CENTER TRAFFIC CALMING ON ROUTE 2, FROM MM 29.5 TO MM 31.0	1	STP	\$4,939,327	\$3,951,462	\$987,865	Construction; Total project cost \$6,543,238, funded with combination of CMAQ, STP and Statewide STP; TEC score 9.4; PSAC score 30.5
2018	607253	FRANKLIN	ERVING	ERVING- STREETSCAPE & PEDESTRIAN IMPROVEMENTS ON ROUTE 63, FROM RIVER STREET TO 1,200 FT. NORTH OF LILLIAN WAY (1 MILE)	2	STP	\$185,223	\$148,178	\$37,045	Construction; Total project cost \$635,223, funded with combination of CMAQ and Sec. 115 Earmark; TEC score 6.3; DEMO ID MA069
2018	606159	MERRIMACK VALLEY	NORTH ANDOVER	NORTH ANDOVER- INTERSECTION & SIGNAL IMPROVEMENTS AT ROUTE 125 & MASSACHUSETTS AVENUE	4	HSIP	\$442,956	\$398,660	\$44,296	a) Construction; b) \$3,640,038 = \$442,956 HSIP + \$3,171,688 STP + \$25,394 Earmark; d) TEC = 7.95 out of 18; g) Demo ID MA 175
2018	606159	MERRIMACK VALLEY	NORTH ANDOVER	NORTH ANDOVER- INTERSECTION & SIGNAL IMPROVEMENTS AT ROUTE 125 & MASSACHUSETTS AVENUE	4	STP	\$3,171,688	\$2,537,350	\$634,338	a) Construction; b) \$3,640,038 = \$442,956 HSIP + \$3,171,688 STP + \$25,394 Earmark; d) TEC = 7.95 out of 18; g) Demo ID MA 175

2018										
YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2018	606124	MONTACHUSETT	MULTIPLE	FITCHBURG- LUNENBURG- LEOMINSTER- RECONSTRUCTION OF SUMMER STREET AND NORTH STREET	3	STP	\$7,692,630	\$6,154,104	\$1,538,526	Construction; Total \$7,778,868; CMAQ/TAP/STP; AC Year 2 of 2; TEC = 50; TAP Proponent - State/Communities; Scheduled Adv in FFY 2017; Total Cost \$9,939,131;
2018	606124	MONTACHUSETT	MULTIPLE	FITCHBURG- LUNENBURG- LEOMINSTER- RECONSTRUCTION OF SUMMER STREET AND NORTH STREET	3	TAP	\$86,238	\$68,990	\$17,248	Construction; Total \$7,778,868; CMAQ/TAP/STP; AC Year 2 of 2; TEC = 50; TAP Proponent - State/Communities; Scheduled Adv in FFY 2017; Total Cost \$9,939,131;
2018	606264	OLD COLONY	PLYMOUTH	PLYMOUTH- IMPROVEMENTS ON OBERY STREET, FROM SOUTH STREET TO A.A. CARANCI WAY/PLYMOUTH NORTH H.S. DRIVE INTERSECTION	5	STP	\$4,800,000	\$3,840,000	\$960,000	a) Construction; b) Total Project Cost = \$4,800,000 w/ \$4,800,000 of STP funding; d) MPO score 7.97
2018	604962	PIONEER VALLEY	HOLLAND	HOLLAND- RESURFACING & RELATED WORK ON BRIMFIELD ROAD, FROM THE BRIMFIELD/HOLLAND T.L. TO WALES ROAD (1.4 MILES - PHASE I)	2	STP	\$1,409,592	\$1,127,674	\$281,918	Construction / (YOE \$1,409,592) STP) / 26.5 TEC / 25%
2018	607256	PIONEER VALLEY	HOLYOKE	HOLYOKE- RESURFACING & RELATED WORK ON HERITAGE STREET, FRONT STREET & DWIGHT STREET FROM MAPLE ST TO THE 1ST LEVEL CANAL (.54 MILES)	2	STP	\$2,283,489	\$1,826,791	\$456,698	Construction / (YOE \$2,283,489 STP) / 46 TEC / 25%
2018	604597	PIONEER VALLEY	NORTHAMPTON	NORTHAMPTON- IMPROVEMENTS ON I-91 INTERCHANGE 19 AT ROUTE 9 AND DAMON ROAD	2	NFP	\$7,438,490	\$5,950,792	\$1,487,698	Construction / (YOE \$7,438,490 STP, TAP, CMAQ) / 65 TEC / Northampton is TAP project proponent / 75%
2018	604738	PIONEER VALLEY	SOUTHAMPTON	SOUTHAMPTON- RECONSTRUCTION OF GLENDALE ROAD (PHASE II) FROM COLLEGE HIGHWAY (RT 10) NORTHWESTERLY TO POMEROY MEADOW RD (3,801 FEET)	2	STP	\$2,710,700	\$2,168,560	\$542,140	Construction / (YOE \$2,710,700 STP) / 18.8 TEC / 75%
2018	603449	PIONEER VALLEY	WESTFIELD	WESTFIELD- ROUTE 20 ACCESS IMPROVEMENTS ON COURT STREET & WESTERN AVENUE, FROM LLEWELLYN DRIVE EASTERLY TO LLOYDS HILL ROAD (PHASE I)	2	STP	\$3,630,245	\$2,904,196	\$726,049	Construction / (YOE \$6,133,933 HPP, STP) 57.5 TEC / (Demo ID-MA206, HPP-4287 \$2,503,688 with Match) / 25%
2018	607531	SOUTHEASTERN MASSACHUSETTS	NORTON	NORTON- CORRIDOR IMPROVEMENTS & RELATED WORK ON EAST MAIN STREET (ROUTE 123), FROM PINE STREET TO I-495	5	STP	\$7,209,900	\$5,767,920	\$1,441,980	a) Construction; b) Total Cost = \$7,209,900 STP; d) EC Score 26 of 87; i) Status 25%; Project will include Traffic Signal Installation at I-495 Ramps
2018	117106	SOUTHEASTERN MASSACHUSETTS	WAREHAM	WAREHAM- RECONSTRUCTION OF ROUTE 6 & 28, FROM 500 FT. EAST OF TYLER AVENUE TO RED BROOK ROAD (1.65 MILES)	5	STP	\$8,727,520	\$6,982,016	\$1,745,504	a) Construction; b) Total Cost = \$18,723,223 FY 18 STP (\$8,727,520) / TAP (\$611,551), FY 18 Total Cost = \$9,227,070 FY 19 Total Cost = \$9,496,153; c) AC Year 1 of 2;

## 2018

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2018	117106	SOUTHEASTERN MASSACHUSETTS	WAREHAM	WAREHAM- RECONSTRUCTION OF ROUTE 6 & 28, FROM 500 FT. EAST OF TYLER AVENUE TO RED BROOK ROAD (1.65 MILES)	5	TAP	\$611,551	\$489,241	\$122,310	a) Construction; b) Total Cost = \$18,723,223 FY 18 STP (\$8,727,520) / TAP (\$611,551), FY 18 Total Cost = \$9,227,070 FY 19 Total Cost = \$9,496,153; c) AC Year 1 of 2;
<b>ROADWAY RECONSTRUCTION PROGRAM SUBTOTAL:</b>							\$100,467,797	\$80,493,993	\$19,973,804	
<b>REGIONALLY PRIORITIZED PROJECTS SUBTOTAL:</b>							\$209,833,858	\$168,148,268	\$41,685,560	
<b>SECTION 1A / REGIONALLY PRIORITIZED PROJECTS TOTAL:</b>							\$209,833,858	\$168,148,268	\$41,685,560	

## SECTION 1B / EARMARK OR DISCRETIONARY GRANT FUNDED PROJECTS

### Other Federal Aid

2018	606381	BOSTON	MULTIPLE	ARLINGTON- BELMONT- HIGHWAY LIGHTING REPAIR & MAINTENANCE ON ROUTE 2	4	HPP	\$1,076,625	\$861,300	\$215,325	Construction; HPP L020 (MAM03)
2018	606381	BOSTON	MULTIPLE	ARLINGTON- BELMONT- HIGHWAY LIGHTING REPAIR & MAINTENANCE ON ROUTE 2	4	HPP	\$2,137,500	\$1,710,000	\$427,500	Construction; HPP H020 (MAM04)
2018	606134	BOSTON	BOSTON	BOSTON- TRAFFIC SIGNAL IMPROVEMENTS ON BLUE HILL AVENUE AND WARREN STREET	6	HPP	\$2,501,046	\$2,000,837	\$500,209	Construction; HPP 2129 (MA155)
2018	608823	BOSTON	MULTIPLE	WELLESLEY- NEWTON- WESTON- PAVEMENT RESURFACING AND RELATED WORK ON I-95	6	FBD	\$329,525	\$263,620	\$65,905	Construction; FBD MAF01
2018	608823	BOSTON	MULTIPLE	WELLESLEY- NEWTON- WESTON- PAVEMENT RESURFACING AND RELATED WORK ON I-95	6	HPP	\$1,998,390	\$1,598,712	\$399,678	Construction; HPP H020 (MAM01)
2018	608823	BOSTON	MULTIPLE	WELLESLEY- NEWTON- WESTON- PAVEMENT RESURFACING AND RELATED WORK ON I-95	6	HPP	\$2,137,500	\$1,710,000	\$427,500	Construction; HPP H020 (MAM02)
2018	605820	CENTRAL MASSACHUSETTS	WORCESTER	WORCESTER- BLACKSTONE RIVER BIKEWAY (SEGMENT 7), INCLUDING BRIDGE REHAB, W-44-041, MCGRATH BOULEVARD OVER MADISON STREET	3	HPP	\$5,939,172	\$4,751,338	\$1,187,834	Construction / Total Project Cost = \$5,939,172 / HPP#4283 - MA202, HPP#2218 - MA157, HPP#2509 - MA165 & MA006 / Design Status = 75%
2018	606888	CENTRAL MASSACHUSETTS	WORCESTER	WORCESTER- BLACKSTONE CANAL STREETSCAPE IMPROVEMENTS ON HARDING STREET	3	SEC 129	\$735,000	\$735,000	\$0	Construction / STP + Sec 129 Total Project Cost = \$1,915,100 / MA238 / Design Status = 75/100% / \$300,000 of the total cost is being paid by the City of Worcester / The earmark monies is 100% federally funded
2018	604893	CENTRAL MASSACHUSETTS	WORCESTER	WORCESTER- STREETSCAPE IMPROVEMENTS AT MAIN STREET & MAYWOOD STREET	3	TI	\$2,104,176	\$1,683,341	\$420,835	Construction / Total Project Cost = \$2,104,176 / TI#177 - MA213 / Design Status = 100%



## 2018

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2018	607253	FRANKLIN	ERVING	ERVING- STREETScape & PEDESTRIAN IMPROVEMENTS ON ROUTE 63, FROM RIVER STREET TO 1,200 FT. NORTH OF LILLIAN WAY (1 MILE)	2	SEC 115	\$450,000	\$360,000	\$90,000	Construction; Total project cost \$635,223, funded with combination of CMAQ and Sec. 115 Earmark; TEC score 6.3; DEMO ID MA069
2018	606159	MERRIMACK VALLEY	NORTH ANDOVER	NORTH ANDOVER- INTERSECTION & SIGNAL IMPROVEMENTS AT ROUTE 125 & MASSACHUSETTS AVENUE	4	OTHER FA	\$25,394	\$20,315	\$5,079	a) Construction; b) \$3,640,038 = \$442,956 HSIP + \$3,171,688 STP + \$25,394 Earmark; d) TEC = 7.95 out of 18; g) Demo ID MA 175
2018	603449	PIONEER VALLEY	WESTFIELD	WESTFIELD- ROUTE 20 ACCESS IMPROVEMENTS ON COURT STREET & WESTERN AVENUE, FROM LLEWELLYN DRIVE EASTERLY TO LLOYDS HILL ROAD (PHASE I)	2	HPP	\$2,503,688	\$2,002,950	\$500,738	Construction / (YOE \$6,133,933 HPP, STP) 57.5 TEC / (Demo ID-MA206, HPP-4287 \$2,503,688 with Match) / 25%

**OTHER FEDERAL AID SUBTOTAL:** \$21,938,016 \$17,697,413 \$4,240,603

**SECTION 1B / EARMARK OR DISCRETIONARY GRANT FUNDED PROJECTS TOTAL:** \$21,938,016 \$17,697,413 \$4,240,603

## SECTION 2A / STATE PRIORITIZED RELIABILITY PROJECTS

### Bridge Program / Inspections

2018	BRI18	STATEWIDE	MULTIPLE	Bridge Inspection	Multi	NHPP	\$13,000,000	\$10,400,000	\$2,600,000	2019-2020 NBIS Program
2018	BRI18	STATEWIDE	MULTIPLE	Bridge Inspection	Multi	STP-BR-OFF	\$4,900,000	\$3,920,000	\$980,000	2019-2020 NBIS Program
<b>BRIDGE PROGRAM / INSPECTIONS SUBTOTAL:</b>							\$17,900,000	\$14,320,000	\$3,580,000	

### Bridge Program / Off System

2018	608125	BERKSHIRE	SHEFFIELD	SHEFFIELD- BRIDGE REPLACEMENT, S-10-002, ROUTE 7A (ASHLEY FALLS RD) OVER THE HOUSATONIC RIVER	1	STP-BR-OFF	\$6,732,816	\$5,386,253	\$1,346,563	Construction
2018	606632	BOSTON	MULTIPLE	HOPKINTON- WESTBOROUGH- BRIDGE REPLACEMENT, H-23-006=W-24-016, FRUIT STREET OVER CSX & SUDBURY RIVER	3	STP-BR-OFF	\$12,993,071	\$10,394,457	\$2,598,614	Construction
2018	607533	BOSTON	WALTHAM	WALTHAM- BRIDGE REPLACEMENT, W-04-006, WOERD AVENUE OVER CHARLES RIVER	4	STP-BR-OFF	\$2,197,943	\$1,758,354	\$439,589	Construction
2018	604655	BOSTON	MARSHFIELD	MARSHFIELD- BRIDGE REPLACEMENT, M-07-007, BEACH STREET OVER THE CUT RIVER	5	STP-BR-OFF	\$4,189,856	\$3,351,884	\$837,971	Construction
2018	608179	MONTACHUSETT	ROYALSTON	ROYALSTON- BRIDGE REPLACEMENT, R-12-009, NORTH FITZWILLIAM ROAD OVER LAWRENCE BROOK	2	STP-BR-OFF	\$1,721,880	\$1,377,504	\$344,376	Construction
2018	607127	MONTACHUSETT	HUBBARDSTON	HUBBARDSTON- BRIDGE REPLACEMENT, H-24-009, EVERGREEN ROAD OVER MASON BROOK	3	STP-BR-OFF	\$1,598,852	\$1,279,082	\$319,770	Construction
<b>BRIDGE PROGRAM / OFF-SYSTEM SUBTOTAL:</b>							\$29,434,418	\$23,547,534	\$5,886,883	



2018										
YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
Bridge Program / On System (NHS)										
2018	604952	BOSTON	MULTIPLE	LYNN- SAUGUS- BRIDGE REPLACEMENT, L-18-016=S-05-008, ROUTE 107 OVER THE SAUGUS RIVER (AKA - BELDEN G. BLY BRIDGE)	4	NHPP-ON	\$51,527,391	\$41,221,913	\$10,305,478	Construction
2018	604173	BOSTON	BOSTON	BOSTON- BRIDGE REPLACEMENT B-16-016, NORTH WASHINGTON STREET OVER THE BOSTON INNER HARBOR	6	NHPP-ON	\$42,000,000	\$33,600,000	\$8,400,000	Construction / AC Year 2 of 5, Total Cost \$144,066,616
2018	605306	MERRIMACK VALLEY	HAVERHILL	HAVERHILL- BRIDGE REPLACEMENT, H-12-039, I-495 (NB & SB) OVER MERRIMACK RIVER	4	NHPP-ON	\$31,600,000	\$25,280,000	\$6,320,000	Construction / AC Year 1 of 4, Total Cost \$79,000,000
2018	605094	MONTACHUSETT	FITCHBURG	FITCHBURG- BRIDGE REPLACEMENT, F-04-003, STATE ROUTE 31 OVER PHILLIPS BROOK	3	NHPP-ON	\$4,738,140	\$3,790,512	\$947,628	Construction
2018	600936	PIONEER VALLEY	HOLYOKE	HOLYOKE- BRIDGE REPLACEMENT, H-21-018, LYMAN STREET OVER FIRST LEVEL CANAL	2	NHPP-ON	\$11,762,603	\$9,410,082	\$2,352,521	
BRIDGE PROGRAM / ON-SYSTEM (NHS) SUBTOTAL:							\$141,628,134	\$113,302,507	\$28,325,627	
Bridge Program / On System (Non NHS)										
2018	608235	FRANKLIN	GREENFIELD	GREENFIELD- BRIDGE REPLACEMENT, G-12-006, NASH'S MILL ROAD OVER GREEN RIVER	2	NHPP-OFF	\$2,452,650	\$1,962,120	\$490,530	Construction
2018	608864	MONTACHUSETT	GARDNER	GARDNER- BRIDGE REPLACEMENT, G-01-008, PLEASANT STREET OVER THE B&M RAILROAD	3	NHPP-OFF	\$4,404,240	\$3,523,392	\$880,848	Construction
2018	PV0002	PIONEER VALLEY	PALMER	PALMER - BRIDGE REHABILITATION, P-01-005, MAIN STREET OVER QUABOAG RIVER	2	NHPP-OFF	\$3,000,000	\$2,400,000	\$600,000	
BRIDGE PROGRAM / ON-SYSTEM (NON-NHS) SUBTOTAL:							\$9,856,890	\$7,885,512	\$1,971,378	
Bridge Program / Systematic Maintenance										
2018	608521	BOSTON	SALEM	SALEM- BRIDGE MAINTENANCE, S-01-018 (32T), (ST 114) NORTH STREET OVER (ST 107) BRIDGE STREET & MBTA	4	NHPP-OFF	\$2,400,000	\$1,920,000	\$480,000	Construction
2018	607915	BOSTON	MULTIPLE	NEWTON- WELLESLEY- WESTON- BRIDGE MAINTENANCE OF N-12-063, N-12-054, N-12-055 & N-12-056 ON I-95/ROUTE 128	6	NHPP-ON	\$1,596,667	\$1,277,334	\$319,333	Construction
2018	607939	PIONEER VALLEY	CUMMINGTON	CUMMINGTON- BRIDGE MAINTENANCE, C-21-025, ROUTE 9 OVER THE WESTFIELD RIVER	1	NHPP-ON	\$312,000	\$249,600	\$62,400	
2018	607959	STATEWIDE	MULTIPLE	DISTRICT 2-SYSTEMATIC MAINTENANCE AT VARIOUS LOCATIONS	2	NHPP-ON	\$1,564,622	\$1,251,698	\$312,924	
2018	607905	STATEWIDE	MULTIPLE	DISTRICT 3- BRIDGE MAINTENANCE AT VARIOUS LOCATIONS	3	NHPP-ON	\$1,404,000	\$1,123,200	\$280,800	
2018	607898	STATEWIDE	MULTIPLE	DISTRICT 5 - BRIDGE CLEANING ALONG I-495, ROUTE 25 ROUTE 6 AND ROUTE 28	5	NHPP-ON	\$1,964,444	\$1,571,555	\$392,889	
BRIDGE PROGRAM / SYSTEMATIC MAINTENANCE SUBTOTAL:							\$9,241,733	\$7,393,387	\$1,848,346	

## 2018

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
Interstate Pavement										
2018	608823	BOSTON	MULTIPLE	WELLESLEY- NEWTON- WESTON- PAVEMENT RESURFACING AND RELATED WORK ON I-95	6	NHPP	\$2,068,768	\$1,861,891	\$206,877	Construction
2018	608822	CENTRAL MASSACHUSETTS	MULTIPLE	AUBURN- WORCESTER- PAVEMENT PRESERVATION AND RELATED WORK ON I-290	3	NHPP	\$5,022,080	\$4,519,872	\$502,208	Construction
2018	608377	SOUTHEASTERN MASSACHUSETTS	MULTIPLE	DARTMOUTH- NEW BEDFORD- INTERSTATE MAINTENANCE AND RELATED WORK ON I-195	5	NHPP	\$11,217,552	\$10,095,797	\$1,121,755	Construction
2018	607566	SOUTHEASTERN MASSACHUSETTS	MULTIPLE	SEEKONK- REHOBOTH- INTERSTATE MAINTENANCE & RELATED WORK ON I-195	5	STP	\$11,537,936	\$10,384,142	\$1,153,794	Construction / Includes \$2,000,000 of stormwater improvements
2018	608209	STATEWIDE	MULTIPLE	LITTLETON- WESTFORD- INTERSTATE MAINTENANCE AND RELATED WORK ON I-495	3	NHPP	\$17,888,000	\$16,099,200	\$1,788,800	Construction / Includes \$250,000 of stormwater improvements
INTERSTATE PAVEMENT SUBTOTAL:							\$47,734,336	\$42,960,902	\$4,773,434	
Non Interstate Pavement										
2018	608465	BERKSHIRE	MULTIPLE	LENOX- LEE- STOCKBRIDGE- RESURFACING AND RELATED WORK ON ROUTE 7	1	NHPP	\$2,945,280	\$2,356,224	\$589,056	Construction
2018	608478	BOSTON	CONCORD	CONCORD- RESURFACING AND RELATED WORK ON ROUTE 2	4	NHPP	\$4,248,000	\$3,398,400	\$849,600	Construction
2018	608379	BOSTON	MULTIPLE	LEXINGTON- BELMONT- ARLINGTON- CAMBRIDGE- PAVEMENT PRESERVATION ON ROUTE 2	4	NHPP	\$8,437,000	\$6,749,600	\$1,687,400	Construction / Includes \$1,040,000 of stormwater improvements
2018	608008	BOSTON	SAUGUS	SAUGUS- RESURFACING AND RELATED WORK ON ROUTE 1	4	NHPP	\$9,812,880	\$7,850,304	\$1,962,576	Construction
2018	608069	BOSTON	MULTIPLE	MARSHFIELD- PEMBROKE- NORWELL- HANOVER- ROCKLAND- HINGHAM- RESURFACING & RELATED WORK ON ROUTE 3	5	NHPP	\$13,876,216	\$11,100,973	\$2,775,243	Construction / Includes \$400,000 of stormwater improvements
2018	608808	CENTRAL MASSACHUSETTS	MULTIPLE	MILLVILLE- UXBRIDGE- PAVEMENT PRESERVATION AND RELATED WORK ON ROUTE 146	3	NHPP	\$4,715,280	\$3,772,224	\$943,056	Construction
2018	608809	MERRIMACK VALLEY	MULTIPLE	LAWRENCE- NORTH ANDOVER- RESURFACING AND RELATED WORK ON ROUTE 114	4	NHPP	\$8,722,560	\$6,978,048	\$1,744,512	Construction
2018	608488	STATEWIDE	MULTIPLE	AMHERST- LEVERETT- SUNDERLAND- RESURFACING AND RELATED WORK ON ROUTE 63	2	NHPP	\$5,074,590	\$4,059,672	\$1,014,918	Construction
2018	608455	STATEWIDE	MULTIPLE	PLYMOUTH- KINGSTON- CARVER- PLYMPTON- RESURFACING AND RELATED WORK ON ROUTE 44 (FROM MM 28.8 TO 36.4)	5	NHPP	\$10,789,920	\$8,631,936	\$2,157,984	Construction
NON-INTERSTATE PAVEMENT SUBTOTAL:							\$68,621,726	\$54,897,381	\$13,724,345	
Roadway Improvements										
2018	608394	CENTRAL MASSACHUSETTS	STURBRIDGE	STURBRIDGE- STORMWATER IMPROVEMENTS ALONG ROUTE 20 AND INTERSTATE 84	3	STP-TE	\$700,000	\$560,000	\$140,000	Construction

## 2018

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2018	607993	STATEWIDE	MULTIPLE	AYER- NATICK- LEOMINSTER- WORCESTER- STORMWATER IMPROVEMENTS ALONG ROUTE 2, ROUTE 9, ROUTE 12, ROUTE 2A, ROUTE 110, ROUTE 111 AND I-290	3	STP-TE	\$1,215,000	\$972,000	\$243,000	Construction
2018	607995	STATEWIDE	MULTIPLE	LOWELL- CHELMSFORD- ANDOVER- STORMWATER IMPROVEMENTS ALONG ROUTE 28 AND I-495	4	STP-TE	\$2,160,000	\$1,728,000	\$432,000	Construction
ROADWAY IMPROVEMENTS SUBTOTAL:							\$4,075,000	\$3,260,000	\$815,000	
Safety Improvements										
2018	606381	BOSTON	MULTIPLE	ARLINGTON- BELMONT- HIGHWAY LIGHTING REPAIR & MAINTENANCE ON ROUTE 2	4	STP	\$5,886,381	\$4,709,105	\$1,177,276	Construction
2018	607917	CENTRAL MASSACHUSETTS	MULTIPLE	AUBURN TO WORCESTER- GUIDE & TRAFFIC SIGN REPLACEMENT ON A SECTION OF INTERSTATE 290	3	HSIP	\$5,323,510	\$4,791,159	\$532,351	Construction
2018	607916	STATEWIDE	MULTIPLE	FALL RIVER TO RANDOLPH- GUIDE & TRAFFIC SIGN REPLACEMENT ON A SECTION OF ROUTE 24	5	HSIP	\$2,225,445	\$2,002,901	\$222,545	Construction / Total Project Cost is \$8,637,150 / AC YR 2 of 2
2018	608204	STATEWIDE	MULTIPLE	ATTLEBORO TO NORWOOD- GUIDE AND TRAFFIC SIGN REPLACEMENT ON A SECTION OF I-95	5	HSIP	\$5,137,288	\$4,623,559	\$513,729	Construction
2018	607919	STATEWIDE	MULTIPLE	BOLTON TO LOWELL- GUIDE & TRAFFIC SIGN REPLACEMENT ON A SECTION OF INTERSTATE 495	Multi	HSIP	\$5,886,774	\$5,298,097	\$588,677	Construction
2018	608833	STATEWIDE	MULTIPLE	PLACEHOLDER - HIGH RISK RURAL ROAD PROJECT	Multi	HSIPR	\$2,273,676	\$2,046,308	\$227,368	Construction
SAFETY IMPROVEMENTS SUBTOTAL:							\$26,733,074	\$23,471,129	\$3,261,946	
SECTION 2A / STATE PRIORITIZED RELIABILITY PROJECTS TOTAL:							\$355,225,311	\$291,038,352	\$64,186,959	
SECTION 2B / STATE PRIORITIZED MODERNIZATION PROJECTS										
Intelligent Transportation Systems										
2018	608607	STATEWIDE	MULTIPLE	DISTRICTS 3 AND 5 - ITS EQUIPMENT (CCTV CAMERAS, TRAFFIC SENSORS, AND VMS) FOR HIGHWAY OPERATIONS	Multi	NHPP	\$1,124,000	\$899,200	\$224,800	Construction / Total Project Cost = \$6,250,000 / AC YR 2 of 2
2018	607487	STATEWIDE	MULTIPLE	DISTRICTS 3 AND 5 - EXPANSION OF ITS EQUIPMENT (CCTV CAMERAS, TRAFFIC SENSORS, AND VMS) FOR HIGHWAY OPERATIONS	Multi	NHPP	\$5,126,000	\$4,100,800	\$1,025,200	Construction / Total Project Cost = \$6,250,000 / AC YR 1 of 2
2018	606938	STATEWIDE	MULTIPLE	DISTRICTS 4 AND 6 - EXPANSION OF ITS EQUIPMENT (CCTV CAMERAS, TRAFFIC SENSORS, AND VMS) FOR HIGHWAY OPERATIONS	Multi	NHPP	\$6,250,000	\$5,000,000	\$1,250,000	Construction
INTELLIGENT TRANSPORTATION SYSTEMS SUBTOTAL:							\$12,500,000	\$10,000,000	\$2,500,000	

2018										
YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
Intersection Improvements										
2018	607760	BERKSHIRE	PITTSFIELD	PITTSFIELD- INTERSECTION & SIGNAL IMPROVEMENTS AT 9 LOCATIONS ALONG SR 8 & SR 9	1	HSIP	\$1,468,400	\$1,321,560	\$146,840	Construction / PSAC score 56
2018	608651	BOSTON	BRAINTREE	BRAINTREE- ADAPTIVE SIGNAL CONTROLS ON ROUTE 37 (GRANITE STREET)	6	CMAQ	\$500,000	\$400,000	\$100,000	Construction
2018	608188	MONTACHUSETT	MULTIPLE	GARDNER- LEOMINSTER- STERLING- INTERSECTION IMPROVEMENTS AT 3 LOCATIONS	3	HSIP	\$500,000	\$450,000	\$50,000	Construction / PSAC score 53.5
2018	607860	OLD COLONY	WHITMAN	WHITMAN- TRAFFIC SIGNAL IMPROVEMENTS & RELATED WORK ON BEDFORD STREET (ROUTE 18) AT 2 LOCATIONS: AUBURN STREET (ROUTE 14) & TEMPLE STREET (ROUTE 27)	5	CMAQ	\$3,964,260	\$3,171,408	\$792,852	a) Construction; d) PSAC score 57
2018	608295	STATEWIDE	MULTIPLE	DISTRICT 5- IMPLEMENTATION OF FLASHING YELLOW ARROW AT VARIOUS TRAFFIC SIGNALS	5	HSIP	\$2,371,200	\$2,134,080	\$237,120	Construction
2018	608581	STATEWIDE	MULTIPLE	STATEWIDE-VARIOUS SAFETY STRATEGIES TO ADDRESS SHSP-TO BE DETERMINED (2018)	Multi	HSIP	\$4,000,000	\$3,600,000	\$400,000	Construction
INTERSECTION IMPROVEMENTS SUBTOTAL:							\$12,803,860	\$11,077,048	\$1,726,812	
Roadway Reconstruction										
2018	608191	CENTRAL MASSACHUSETTS	WEST BROOKFIELD	WEST BROOKFIELD- SIDEWALK AND WHEELCHAIR CONSTRUCTION ON ROUTE 9	2	CMAQ	\$756,024	\$604,819	\$151,205	Construction / PSAC Score 16
2018	606507	FRANKLIN	CHARLEMONT	CHARLEMONT- ROADWAY RECONSTRUCTION AND VILLAGE CENTER TRAFFIC CALMING ON ROUTE 2, FROM MM 29.5 TO MM 31.0	1	STP	\$1,328,911	\$1,063,129	\$265,782	Construction; Total project cost \$6,543,238, funded with combination of CMAQ, STP and Statewide STP; TEC score 9.4; PSAC score 30.5
2018	608001	SOUTHEASTERN MASSACHUSETTS	FALL RIVER	FALL RIVER- IMPROVEMENTS AT VIVEIROS ELEMENTARY SCHOOL (SRTS)	5	TAP	\$1,256,040	\$1,004,832	\$251,208	Construction / TAP project proponent is Fall River
2018	608747	SOUTHEASTERN MASSACHUSETTS	NEW BEDFORD	NEW BEDFORD- IMPROVEMENTS AT ASHLEY AND LINCOLN ELEMENTARY SCHOOLS (SRTS)	5	TAP	\$1,545,600	\$1,236,480	\$309,120	Construction / TAP project proponent is Fall River
ROADWAY RECONSTRUCTION SUBTOTAL:							\$4,886,575	\$3,909,260	\$977,315	
SECTION 2B / STATE PRIORITIZED MODERNIZATION PROJECTS TOTAL:							\$30,190,435	\$24,986,308	\$5,204,127	
SECTION 2C / STATE PRIORITIZED EXPANSION PROJECTS										
Bicycles and Pedestrians										
2018	607732	BOSTON	MULTIPLE	FRAMINGHAM- NATICK- COCHITUATE RAIL TRAIL CONSTRUCTION INCLUDING PEDESTRIAN BRIDGE, N-03-014, OVER ROUTE 9 & F-07-033=N-03-029 OVER ROUTE 30	3	STP-TE	\$2,618,355	\$2,094,684	\$523,671	Construction / PSAC score 35.5

2018										
YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2018	607732	BOSTON	MULTIPLE	FRAMINGHAM- NATICK- COCHITUATE RAIL TRAIL CONSTRUCTION INCLUDING PEDESTRIAN BRIDGE, N-03-014, OVER ROUTE 9 & F-07-033=N-03-029 OVER ROUTE 30	3	TAP	\$7,152,508	\$5,722,006	\$1,430,502	Construction / PSAC score 35.5
2018	607737	MERRIMACK VALLEY	MULTIPLE	AMESBURY- SALISBURY- TRAIL CONNECTOR @ I-95	4	TAP	\$2,574,805	\$2,059,844	\$514,961	Construction / PSAC score 37
2018	607589	PIONEER VALLEY	SPRINGFIELD	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	2	CMAQ	\$421,266	\$337,013	\$84,253	Construction / PSAC score 33
2018	607589	PIONEER VALLEY	SPRINGFIELD	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	2	TAP	\$6,640,845	\$5,312,676	\$1,328,169	Construction / PSAC score 33
2018	605677	SOUTHEASTERN MASSACHUSETTS	MATTAPOISETT	MATTAPOISETT- MULTI-USE PATH CONSTRUCTION (PENN CENTRAL RIGHT OF WAY), FROM MATTAPOISETT NECK ROAD TO DEPOT STREET (PHASE 1B)	5	CMAQ	\$592,221	\$473,777	\$118,444	Construction / Total Project Cost \$10,179,239 / AC YR 1 of 2 / PSAC score 20
BICYCLES AND PEDESTRIANS SUBTOTAL:							\$20,000,000	\$16,000,000	\$4,000,000	
SECTION 2C / STATE PRIORITIZED EXPANSION PROJECTS TOTAL:							\$20,000,000	\$16,000,000	\$4,000,000	

## SECTION 3 / PLANNING / ADJUSTMENTS / PASS-THROUGHS

Planning / Adjustments / Pass throughs										
2018	EWO	STATEWIDE	MULTIPLE	Award adjustments, change orders, etc.	Multi	CMAQ	\$6,250,000	\$5,000,000	\$1,250,000	
2018	EWO	STATEWIDE	MULTIPLE	Award adjustments, change orders, etc.	Multi	NHPP	\$16,250,000	\$13,000,000	\$3,250,000	
2018	ABPGAN	STATEWIDE	MULTIPLE	ABP GANS Repayment	Multi	NHPP	\$62,596,967	\$62,596,967	\$0	
2018	UPWP19	STATEWIDE	MULTIPLE	Metropolitan Planning	Multi	PL	\$9,825,026	\$7,860,021	\$1,965,005	
2018	SPR218	STATEWIDE	MULTIPLE	State Planning and Research Work Program II, (SPR II), Research	Multi	RD	\$4,500,000	\$3,600,000	\$900,000	
2018	SRT18	STATEWIDE	MULTIPLE	Recreational Trails	Multi	REC	\$1,483,411	\$1,186,729	\$296,682	
2018	RRC18	STATEWIDE	MULTIPLE	Railroad Crossings	Multi	RRHE	\$3,333,333	\$3,000,000	\$333,333	
2018	RRC18	STATEWIDE	MULTIPLE	Railroad Crossings	Multi	RRPD	\$1,388,889	\$1,250,000	\$138,889	

2018										
YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2018	UPWP19	STATEWIDE	MULTIPLE	Metropolitan Planning	Multi	SPR	\$1,012,803	\$810,242	\$202,561	
2018	SPR118	STATEWIDE	MULTIPLE	State Planning and Research Work Program I, (SPR I), Planning	Multi	SPR	\$13,033,371	\$10,426,697	\$2,606,674	
2018	EWO	STATEWIDE	MULTIPLE	Award adjustments, change orders, etc.	Multi	STP	\$13,750,000	\$11,000,000	\$2,750,000	
2018	ABPGAN	STATEWIDE	MULTIPLE	ABP GANS Repayment	Multi	STP-BR-OFF	\$388,033	\$388,033	\$0	
2018	EWO	STATEWIDE	MULTIPLE	Award adjustments, change orders, etc.	Multi	STP-BR-OFF	\$1,250,000	\$1,000,000	\$250,000	
PLANNING / ADJUSTMENTS / PASS-THROUGHS SUBTOTAL:							\$135,061,833	\$121,118,689	\$13,943,144	
SECTION 3 / PLANNING / ADJUSTMENTS / PASS-THROUGHS TOTAL:							\$135,061,833	\$121,118,689	\$13,943,144	
TOTAL	YEAR 2018						\$772,249,453	\$638,989,030	\$133,260,393	

2019										
YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
SECTION 1A / REGIONALLY PRIORITIZED PROJECTS										
Regionally Prioritized Projects										
<b>Bicycles and pedestrians program</b>										
2019	608298	MERRIMACK VALLEY	GROVELAND	GROVELAND- GROVELAND COMMUNITY TRAIL, FROM MAIN STREET TO KING STREET	4	CMAQ	\$408,848	\$327,078	\$81,770	a) Construction; b) \$1,835,573 (inflated 4% from 2018 cost) = \$351,000 TAP + \$408,848 CMAQ + \$1,075,725 STP; d) TEC = 4.87 out of 18;
2019	608298	MERRIMACK VALLEY	GROVELAND	GROVELAND- GROVELAND COMMUNITY TRAIL, FROM MAIN STREET TO KING STREET	4	STP	\$1,102,729	\$882,183	\$220,546	a) Construction; b) \$1,835,573 (inflated 4% from 2018 cost) = \$323,996 TAP + \$408,848 CMAQ + \$1,102,729 STP; d) TEC = 4.87 out of 18;
2019	608298	MERRIMACK VALLEY	GROVELAND	GROVELAND- GROVELAND COMMUNITY TRAIL, FROM MAIN STREET TO KING STREET	4	TAP	\$323,996	\$259,197	\$64,799	a) Construction; b) \$1,835,573 (inflated 4% from 2018 cost) = \$323,996 TAP + \$408,848 CMAQ + \$1,102,729 STP; d) TEC = 4.87 out of 18;
<b>BICYCLES AND PEDESTRIANS PROGRAM SUBTOTAL:</b>							\$1,835,573	\$1,468,458	\$367,115	
<b>Intersection improvements program</b>										
2019	603251	CENTRAL MASSACHUSETTS	WORCESTER	WORCESTER- SIGNAL & INTERSECTION IMPROVEMENTS @ HOLDEN STREET, DRUMMOND AVENUE & SHORE DRIVE, INCLUDES CULVERT EXTENSION OF W-44-122, SHORE DRIVE OVER (UNNAMED) STREAM	3	CMAQ	\$1,013,833	\$811,066	\$202,767	Construction / Total Project Cost = \$2,902,792 w/ \$1,013,833 in Central Mass MPO funding / PSAC score 44 / Design Status = 25%
2019	607446	MONTACHUSETT	WESTMINSTER	WESTMINSTER- INTERSECTION IMPROVEMENTS, ROUTE 2A AT ROUTE 140	3	STP	\$1,450,823	\$1,160,658	\$290,165	Construction; Total \$1,395,022; YOE Total \$1,450,823; STP; TEC = 43; 25% Design;
2019	608143	OLD COLONY	BROCKTON	BROCKTON- INTERSECTION IMPROVEMENTS AT NORTH QUINCY STREET, BOUNDARY AVENUE AND CHESTNUT STREET	5	CMAQ	\$1,139,886	\$911,909	\$227,977	a) Construction; b) Total Project Cost = \$1,208,902 w/ \$1,139,886 of CMAQ funding, and \$69,016 of HSIP funding; d) MPO score 8.05
2019	608143	OLD COLONY	BROCKTON	BROCKTON- INTERSECTION IMPROVEMENTS AT NORTH QUINCY STREET, BOUNDARY AVENUE AND CHESTNUT STREET	5	HSIP	\$69,016	\$62,114	\$6,902	a) Construction; b) Total Project Cost = \$1,208,902 w/ \$1,139,886 of CMAQ funding, and \$69,016 of HSIP funding; d) MPO score 8.05
2019	608411	PIONEER VALLEY	SPRINGFIELD	SPRINGFIELD- INTERSECTION IMPROVEMENTS AT BAY STREET AND BERKSHIRE AVENUE	2	HSIP	\$1,080,992	\$972,893	\$108,099	Construction / (YOE \$1,934,000 STP) / 47.5 TEC / 25%
2019	608411	PIONEER VALLEY	SPRINGFIELD	SPRINGFIELD- INTERSECTION IMPROVEMENTS AT BAY STREET AND BERKSHIRE AVENUE	2	STP	\$853,008	\$682,406	\$170,602	Construction / (YOE \$1,934,000 STP) / 47.5 TEC / 25%
2019	607987	PIONEER VALLEY	WARE	WARE- INTERSECTION IMPROVEMENTS @ MAIN STREET, WEST STREET, NORTH STREET, SOUTH STREET & CHURCH STREET	2	CMAQ	\$631,915	\$505,532	\$126,383	Construction / (YOE \$2,262,816) STP, TAP, CMAQ) / 55 TEC / 25% / Town of Ware is TAP proponent

2019										
YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2019	607987	PIONEER VALLEY	WARE	WARE- INTERSECTION IMPROVEMENTS @ MAIN STREET, WEST STREET, NORTH STREET, SOUTH STREET & CHURCH STREET	2	STP	\$1,085,263	\$868,210	\$217,053	Construction / (YOE \$2,262,816) STP, TAP, CMAQ) / 55 TEC / 25% / Town of Ware is TAP proponent
2019	607987	PIONEER VALLEY	WARE	WARE- INTERSECTION IMPROVEMENTS @ MAIN STREET, WEST STREET, NORTH STREET, SOUTH STREET & CHURCH STREET	2	TAP	\$545,638	\$436,510	\$109,128	Construction / (YOE \$2,262,816) STP, TAP, CMAQ) / 55 TEC / 25% / Town of Ware is TAP proponent
2019	607392	SOUTHEASTERN MASSACHUSETTS	SEEKONK	SEEKONK- INTERSECTION IMPROVEMENTS & RELATED WORK AT FALL RIVER AVENUE (ROUTE 114A) AND COUNTY STREET	5	STP	\$1,594,761	\$1,275,809	\$318,952	a) Construction; b) Total Cost = \$1,533,425 CMAQ; d) EC Score 31 of 87; i) Status Pre 75%; CMAQ Eligible
INTERSECTION IMPROVEMENTS PROGRAM SUBTOTAL:							\$9,465,135	\$7,687,107	\$1,778,028	
Non-interstate DOT pavement program										
2019	608588	CAPE COD	TRURO	TRURO- BICYCLE ACCOMMODATION IMPROVEMENT ON ROUTE 6 FROM SOUTH HIGHLAND ROAD TO SOUTH HOLLOW ROAD (PHASE 2)	5	CMAQ	\$1,300,000	\$1,040,000	\$260,000	Construction; Total project cost = \$1,300,000; MPO score = 62
2019	608728	MONTACHUSETT	WINCHENDON	WINCHENDON- RESURFACING & RELATED WORK ON ROUTE 202, FROM THE TEMPLETON TOWN LINE TO MAIN STREET (3.1 MILES)	2	STP	\$1,652,389	\$1,321,911	\$330,478	Construction; Total \$1,588,835; YOE Total \$1,652,389; STP; TEC = 38; D2 Project; 100% Design & PS&E;
NON-INTERSTATE DOT PAVEMENT PROGRAM SUBTOTAL:							\$2,952,389	\$2,361,911	\$590,478	
Planning / Adjustments / Pass-throughs										
2019	1570	BOSTON	MULTIPLE	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	6	CMAQ	\$20,145,846	\$16,116,677	\$4,029,169	Construction; STP+CMAQ+Section 5309 (Transit) Total MPO Contribution = \$190,000,000; AC Yr 4 of 6; funding flexed to FTA; match provided by local contributions
2019	1570	BOSTON	MULTIPLE	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	6	STP	\$20,354,154	\$16,283,323	\$4,070,831	Construction; STP+CMAQ+Section 5309 (Transit) Total MPO Contribution = \$190,000,000; AC Yr 4 of 6; funding flexed to FTA; match provided by local contributions
2019	CC2000	CAPE COD	MULTIPLE	CAPE COD - BICYCLE RACK PROGRAM	5	CMAQ	\$100,000	\$80,000	\$20,000	Construction; Total project cost = \$100,000; MPO score = 52; CMAQ approved; Funds to be applied for by municipalities.
2019	MV0001	MERRIMACK VALLEY	GROVELAND	FLEX TO FTA FOR MVRTA NEW BUS UPGRADE TO CLEANER FUEL BUSES	4	CMAQ	\$698,541	\$558,833	\$139,708	e) Transfer to FTA
PLANNING / ADJUSTMENTS / PASS-THROUGHS SUBTOTAL:							\$41,298,541	\$33,038,833	\$8,259,708	
Roadway reconstruction program										
2019	606462	BERKSHIRE	LENOX	LENOX- RECONSTRUCTION & MINOR WIDENING ON WALKER STREET, INCLUDES REPLACEMENT OF CULVERT OVER WOODS CROSSING BROOK	1	STP	\$1,406,423	\$1,125,138	\$281,285	STP + CMAQ; Total Cost = 8,000,000; AC Year 2 of 2; MPO evaluation score 4 of 8; Design Status: 75%



2019										
YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2019	606233	BERKSHIRE	PITTSFIELD	PITTSFIELD- INTERSECTION & SIGNAL IMPROVEMENTS AT FIRST STREET & NORTH STREET (NEAR BERKSHIRE MEDICAL CENTER)	1	CMAQ	\$1,205,875	\$964,700	\$241,175	STP + CMAQ; Total Cost = 6,240,000; MPO evaluation score 6 of 8; Design Status: <25%; YOE = 4%
2019	606233	BERKSHIRE	PITTSFIELD	PITTSFIELD- INTERSECTION & SIGNAL IMPROVEMENTS AT FIRST STREET & NORTH STREET (NEAR BERKSHIRE MEDICAL CENTER)	1	STP	\$4,994,125	\$3,995,300	\$998,825	STP + CMAQ + HSIP; Total Cost = 6,240,000; MPO evaluation score 6 of 8; Design Status: <25%; YOE = 4%
2019	606043	BOSTON	HOPKINTON	HOPKINTON- SIGNAL & INTERSECTION IMPROVEMENTS ON ROUTE 135	3	CMAQ	\$2,275,206	\$1,820,165	\$455,041	Construction; CMAQ+HSIP+STP Total Cost = \$8,174,400
2019	606043	BOSTON	HOPKINTON	HOPKINTON- SIGNAL & INTERSECTION IMPROVEMENTS ON ROUTE 135	3	STP	\$5,899,194	\$4,719,355	\$1,179,839	Construction; CMAQ+HSIP+STP Total Cost = \$8,174,400; TAP project proponent = Hopkinton
2019	607428	BOSTON	MULTIPLE	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.	3	CMAQ	\$787,405	\$629,924	\$157,481	Construction; CMAQ+HSIP Total Cost = \$2,727,881; MPO Evaluation Score = 54
2019	607428	BOSTON	MULTIPLE	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.	3	HSIP	\$1,940,476	\$1,746,428	\$194,048	Construction; CMAQ+HSIP Total Cost = \$2,727,881; MPO Evaluation Score = 54
2019	605034	BOSTON	NATICK	NATICK- RECONSTRUCTION OF ROUTE 27 (NORTH MAIN STREET), FROM NORTH AVENUE TO THE WAYLAND T.L.	3	CMAQ	\$2,415,334	\$1,932,267	\$483,067	Construction; CMAQ+TAP+STP Total Cost = \$12,688,000; MPO Evaluation Score = 60
2019	605034	BOSTON	NATICK	NATICK- RECONSTRUCTION OF ROUTE 27 (NORTH MAIN STREET), FROM NORTH AVENUE TO THE WAYLAND T.L.	3	STP	\$8,953,733	\$7,162,986	\$1,790,747	Construction; CMAQ+TAP+STP Total Cost = \$12,688,000; MPO Evaluation Score = 60
2019	605034	BOSTON	NATICK	NATICK- RECONSTRUCTION OF ROUTE 27 (NORTH MAIN STREET), FROM NORTH AVENUE TO THE WAYLAND T.L.	3	TAP	\$1,318,933	\$1,055,146	\$263,787	Construction; CMAQ+TAP+STP Total Cost = \$12,688,000; MPO Evaluation Score = 60
2019	607652	BOSTON	EVERETT	EVERETT- RECONSTRUCTION OF FERRY STREET, SOUTH FERRY STREET AND A PORTION OF ELM STREET	4	CMAQ	\$1,718,934	\$1,375,147	\$343,787	Construction; CMAQ+STP+HSIP+TAP Total Cost = \$16,599,002; MPO Evaluation Score = 73
2019	607652	BOSTON	EVERETT	EVERETT- RECONSTRUCTION OF FERRY STREET, SOUTH FERRY STREET AND A PORTION OF ELM STREET	4	HSIP	\$1,050,296	\$945,266	\$105,030	Construction; CMAQ+STP+HSIP+TAP Total Cost = \$16,599,002; MPO Evaluation Score = 73
2019	607652	BOSTON	EVERETT	EVERETT- RECONSTRUCTION OF FERRY STREET, SOUTH FERRY STREET AND A PORTION OF ELM STREET	4	STP	\$13,150,177	\$10,520,142	\$2,630,035	Construction; CMAQ+STP+HSIP+TAP Total Cost = \$16,599,002; MPO Evaluation Score = 73
2019	607652	BOSTON	EVERETT	EVERETT- RECONSTRUCTION OF FERRY STREET, SOUTH FERRY STREET AND A PORTION OF ELM STREET	4	TAP	\$724,412	\$579,530	\$144,882	Construction; CMAQ+STP+HSIP+TAP Total Cost = \$16,599,002; MPO Evaluation Score = 73; TAP project proponent = Everett

2019										
YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2019	605789	BOSTON	BOSTON	BOSTON- RECONSTRUCTION OF MELNEA CASS BOULEVARD	6	STP	\$7,348,506	\$5,878,805	\$1,469,701	Construction; STP+Earmark Total Cost = \$24,792,845 ; MPO Evaluation Score = 59
2019	606635	BOSTON	MULTIPLE	NEEDHAM-NEWTON- RECONSTRUCTION OF HIGHLAND AVENUE, NEEDHAM STREET & CHARLES RIVER BRIDGE, N-04-002, FROM WEBSTER STREET (NEEDHAM) TO REOUT 9 (NEWTON)	6	CMAQ	\$2,500,001	\$2,000,001	\$500,000	Construction; CMAQ+HSIP+TAP+STP Total Cost = \$21,434,400; AC Yr 1 of 2; MPO Evaluation Score = 75
2019	606635	BOSTON	MULTIPLE	NEEDHAM-NEWTON- RECONSTRUCTION OF HIGHLAND AVENUE, NEEDHAM STREET & CHARLES RIVER BRIDGE, N-04-002, FROM WEBSTER STREET (NEEDHAM) TO REOUT 9 (NEWTON)	6	HSIP	\$1,875,199	\$1,687,679	\$187,520	Construction; CMAQ+HSIP+TAP+STP Total Cost = \$21,434,400; AC Yr 1 of 2; MPO Evaluation Score = 75
2019	606635	BOSTON	MULTIPLE	NEEDHAM-NEWTON- RECONSTRUCTION OF HIGHLAND AVENUE, NEEDHAM STREET & CHARLES RIVER BRIDGE, N-04-002, FROM WEBSTER STREET (NEEDHAM) TO REOUT 9 (NEWTON)	6	STP	\$4,851,064	\$3,880,851	\$970,213	Construction; CMAQ+HSIP+TAP+STP Total Cost = \$21,434,400; AC Yr 1 of 2; MPO Evaluation Score = 75
2019	606635	BOSTON	MULTIPLE	NEEDHAM-NEWTON- RECONSTRUCTION OF HIGHLAND AVENUE, NEEDHAM STREET & CHARLES RIVER BRIDGE, N-04-002, FROM WEBSTER STREET (NEEDHAM) TO REOUT 9 (NEWTON)	6	TAP	\$1,546,492	\$1,237,194	\$309,298	Construction; CMAQ+HSIP+TAP+STP Total Cost = \$21,434,400; AC Yr 1 of 2; MPO Evaluation Score = 75; TAP project proponent = Needham
2019	606272	CAPE COD	BARNSTABLE	BARNSTABLE- INTERSECTION IMPROVEMENTS AT IYANOUGH ROAD (ROUTE 28) AND YARMOUTH ROAD	5	NFP	\$8,847,749	\$7,078,199	\$1,769,550	Construction; Total project cost = \$9,584,449 with 4% inflation (TAP + NFP); MPO score = 83; Municipality is TAP proponent; RSA performed; CMAQ approved
2019	606272	CAPE COD	BARNSTABLE	BARNSTABLE- INTERSECTION IMPROVEMENTS AT IYANOUGH ROAD (ROUTE 28) AND YARMOUTH ROAD	5	TAP	\$253,215	\$202,572	\$50,643	Construction; Total project cost = \$9,584,449 with 4% inflation (TAP + NFP); MPO score = 83; Municipality is TAP proponent; RSA performed; CMAQ approved
2019	607250	CENTRAL MASSACHUSETTS	PAXTON	PAXTON- RECLAMATION ON ROUTE 31 (HOLDEN ROAD)	3	STP	\$3,320,435	\$2,656,348	\$664,087	Construction / STP + TAP Total Project Cost = \$3,786,009 / PM Score = 11 / Design Status = 75%
2019	607250	CENTRAL MASSACHUSETTS	PAXTON	PAXTON- RECLAMATION ON ROUTE 31 (HOLDEN ROAD)	3	TAP	\$465,574	\$372,459	\$93,115	Construction / STP + TAP Total Project Cost = \$3,786,009 / PM Score = 11 / Design Status = 75% / Project proponent is town of Paxton
2019	606125	CENTRAL MASSACHUSETTS	UPTON	UPTON - RECONSTRUCTION OF HIGH STREET AND HOPKINTON ROAD (PHASE I)	3	CMAQ	\$4,235,140	\$3,388,112	\$847,028	Construction / CMAQ + HSIP Total Project Cost = \$7,345,000 / PM Score = 18 / Design Status = 75%
2019	606125	CENTRAL MASSACHUSETTS	UPTON	UPTON - RECONSTRUCTION OF HIGH STREET AND HOPKINTON ROAD (PHASE I)	3	HSIP	\$3,109,860	\$2,798,874	\$310,986	Construction / CMAQ + HSIP Total Project Cost = \$7,345,000 / PM Score = 18 / Design Status = 75%
2019	601368	CENTRAL MASSACHUSETTS	WORCESTER	WORCESTER- RESURFACING & RELATED WORK ON ROUTE 122 (GRAFTON STREET), FROM WASHINGTON SQUARE TO RICE SQUARE (1.4 MILES)	3	CMAQ	\$3,553,482	\$2,842,785	\$710,696	Construction / CMAQ + HSIP Total Project Cost = \$7,318,480 / PM Score = 18 / Design Status = 75%

2019										
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2019	601368	CENTRAL MASSACHUSETTS	WORCESTER	WORCESTER- RESURFACING & RELATED WORK ON ROUTE 122 (GRAFTON STREET), FROM WASHINGTON SQUARE TO RICE SQUARE (1.4 MILES)	3	HSIP	\$1,554,789	\$1,399,310	\$155,479	Construction / CMAQ + HSIP Total Project Cost = \$7,318,480 / PM Score = 18 / Design Status = 75%
2019	601368	CENTRAL MASSACHUSETTS	WORCESTER	WORCESTER- RESURFACING & RELATED WORK ON ROUTE 122 (GRAFTON STREET), FROM WASHINGTON SQUARE TO RICE SQUARE (1.4 MILES)	3	STP	\$2,210,209	\$1,768,167	\$442,042	Construction / CMAQ + HSIP Total Project Cost = \$7,318,480 / PM Score = 18 / Design Status = 75%
2019	603371	FRANKLIN	ORANGE	ORANGE- RECONSTRUCTION OF NORTH MAIN STREET, FROM SCHOOL STREET TO LINCOLN AVENUE (0.4 MILES) INCL RELOCATION OF FALL HILL BROOK CULVERT	2	STP	\$5,141,916	\$4,113,533	\$1,028,383	Construction; total project cost of \$4,944,150 inflated 4% per year to \$5,141,916; funded with combination of CMAQ & STP; TEC score 10.3
2019	607411	MARTHA'S VINEYARD	TISBURY	TISBURY- BIKE & PEDESTRIAN IMPROVEMENTS ALONG BEACH ROAD, FROM THE TERMINATION OF THE EXISTING SHARED USE PATH WESTERLY TO THE FIVE CORNERS INTERSECTION	5	CMAQ	\$712,712	\$570,170	\$142,542	Construction / Total Project Cost = \$4,388,393 (2019 \$4,563,929 including 4% inflation) \$3,179,390 Statewide CMAQ and \$1,384,538 of Martha's Vineyard regional funding / AC YR 1 of 2 / PSAC Score 33.5; GHG quantified decrease reported in 2020
2019	602418	MERRIMACK VALLEY	AMESBURY	AMESBURY- RECONSTRUCTION OF ELM STREET	4	STP	\$7,207,810	\$5,766,248	\$1,441,562	a) Construction; b) \$12,064,000 (inflated 4% from 2018 cost) = \$7,207,810 2019 STP + \$4,856,190 2020 STP; c) AC Year 1 of 2 = \$7,207,810; d) TEC = 5.98 out of 18;
2019	604961	MONTACHUSETT	CLINTON	CLINTON- RESURFACING & RELATED WORK ON ROUTE 110 (HIGH STREET)	3	STP	\$1,898,466	\$1,518,773	\$379,693	Construction; Total \$1,825,448; YOE Total \$1,898,466; STP; TEC = 36; 25% Design;
2019	605651	MONTACHUSETT	LEOMINSTER	LEOMINSTER- RECONSTRUCTION ON ROUTE 13, FROM HAWES STREET TO PROSPECT STREET	3	CMAQ	\$1,114,889	\$891,911	\$222,978	Construction; Total \$5,000,000; YOE Total \$5,200,000; HSIP/CMAQ/TAP/STP; TEC = 64; TAP Proponent State/Leominster; cost includes Utilities; 75% Design;
2019	605651	MONTACHUSETT	LEOMINSTER	LEOMINSTER- RECONSTRUCTION ON ROUTE 13, FROM HAWES STREET TO PROSPECT STREET	3	HSIP	\$445,955	\$401,360	\$44,596	Construction; Total \$5,000,000; YOE Total \$5,200,000; HSIP/CMAQ/TAP/STP; TEC = 64; TAP Proponent State/Leominster; cost includes Utilities; 75% Design;
2019	605651	MONTACHUSETT	LEOMINSTER	LEOMINSTER- RECONSTRUCTION ON ROUTE 13, FROM HAWES STREET TO PROSPECT STREET	3	STP	\$3,552,918	\$2,842,334	\$710,584	Construction; Total \$5,000,000; YOE Total \$5,200,000; HSIP/CMAQ/TAP/STP; TEC = 64; TAP Proponent State/Leominster; cost includes Utilities; 75% Design;

2019										
YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2019	605651	MONTACHUSETT	LEOMINSTER	LEOMINSTER- RECONSTRUCTION ON ROUTE 13, FROM HAWES STREET TO PROSPECT STREET	3	TAP	\$86,238	\$68,990	\$17,248	Construction; Total \$5,000,000; YOE Total \$5,200,000; HSIP/CMAQ/TAP/STP; TEC = 64; TAP Proponent State/Leominster; cost includes Utilities; 75% Design;
2019	608350	NORTHERN MIDDLESEX	DRACUT	DRACUT- IMPROVEMENTS ON NASHUA ROAD	4	CMAQ	\$977,402	\$781,922	\$195,480	Construction; Total Project Cost 2019 YOE: \$5,740,800 (\$5,520,000) CMAQ, TAP, STP; NMMPO TEC = 7.42 out of 18.
2019	608350	NORTHERN MIDDLESEX	DRACUT	DRACUT- IMPROVEMENTS ON NASHUA ROAD	4	STP	\$4,481,489	\$3,585,191	\$896,298	Construction; Total Project Cost 2019 YOE: \$5,740,800 (\$5,520,000) CMAQ, TAP, STP; NMMPO TEC = 7.42 out of 18.
2019	608350	NORTHERN MIDDLESEX	DRACUT	DRACUT- IMPROVEMENTS ON NASHUA ROAD	4	TAP	\$281,909	\$225,527	\$56,382	Construction; Total Project Cost 2019 YOE: \$5,740,800 (\$5,520,000) CMAQ, TAP, STP; NMMPO TEC = 7.42 out of 18.
2019	608346	NORTHERN MIDDLESEX	TEWKSBURY	TEWKSBURY- INTERSECTION IMPROVEMENTS AT MAIN STREET, SALEM ROAD AND SOUTH STREET	4	CMAQ	\$2,916,249	\$2,332,999	\$583,250	Construction; Total Project Cost 2019 YOE: \$2,916,249 (\$2,804,066) CMAQ; NMMPO TEC Score = 7.17 out of 18
2019	608088	OLD COLONY	BROCKTON	BROCKTON- CORRIDOR IMPROVEMENTS ON ROUTE 123 (BELMONT STREET), FROM ANGUS BEATON DRIVE TO WEST STREET	5	HSIP	\$386,938	\$348,244	\$38,694	a) Construction; b) Total Project Cost = \$4,609,131 w/ \$386,938 of HSIP funding, \$3,629,893 of STP funding, and \$592,300 of Statewide CMAQ funding; d) MPO score 10.80
2019	608088	OLD COLONY	BROCKTON	BROCKTON- CORRIDOR IMPROVEMENTS ON ROUTE 123 (BELMONT STREET), FROM ANGUS BEATON DRIVE TO WEST STREET	5	STP	\$3,629,893	\$2,903,914	\$725,979	a) Construction; b) Total Project Cost = \$4,609,131 w/ \$386,938 of HSIP funding, \$3,629,893 of STP funding, and \$592,300 of Statewide CMAQ funding; d) MPO score 10.80
2019	607941	OLD COLONY	EAST BRIDGEWATER	EAST BRIDGEWATER- RESURFACING AND SIDEWALK CONSTRUCTION ON BEDFORD STREET (ROUTE 18), FROM WHITMAN STREET (ROUTE 106) TO CENTRAL STREET	5	STP	\$3,480,668	\$2,784,534	\$696,134	a) Construction; b) Total Project Cost = \$5,371,668 w/ \$3,480,668 of STP funding, and \$1,891,000 of Statewide CMAQ funding; d) MPO score 7.14
2019	600513	PIONEER VALLEY	AGAWAM	AGAWAM- RECONSTRUCTION OF ROUTE 187 FROM 425 FT. SOUTH OF S. WESTFIELD STREET TO ROUTE 57 (0.3 MILES - PHASE I)	2	STP	\$1,959,975	\$1,567,980	\$391,995	Construction / (YOE \$2,505,613 STP, TAP) / 27 TEC / 25%
2019	600513	PIONEER VALLEY	AGAWAM	AGAWAM- RECONSTRUCTION OF ROUTE 187 FROM 425 FT. SOUTH OF S. WESTFIELD STREET TO ROUTE 57 (0.3 MILES - PHASE I)	2	TAP	\$545,638	\$436,510	\$109,128	Construction / (YOE \$2,505,613 STP, TAP) / 27 TEC / 25%
2019	608084	PIONEER VALLEY	AMHERST	AMHERST- IMPROVEMENTS & RELATED WORK ON ROUTES 9 & 116, FROM UNIVERSITY DRIVE TO SOUTH PLEASANT STREET (0.8 MILES)	2	STP	\$1,305,886	\$1,044,709	\$261,177	Construction / (YOE \$1,305,886 STP) / 49 TEC / Pre 25%
2019	608412	PIONEER VALLEY	BELCHERTOWN	BELCHERTOWN- IMPROVEMENTS & RELATED WORK ON ROUTES 202 & 21, FROM TURKEY HILL ROAD TO SOUTH MAIN STREET (1.2 MILES)	2	STP	\$4,784,000	\$3,827,200	\$956,800	Constructon / (YOE \$4,784,000 STP) / 55.5 TEC / 25% Design submitted March 2017

## 2019

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2019	604209	PIONEER VALLEY	MULTIPLE	HOLYOKE- WEST SPRINGFIELD- REHABILITATION OF ROUTE 5 (RIVERDALE ROAD), FROM I-91 (INTERCHANGE 13) TO MAIN STREET IN HOLYOKE & FROM ELM STREET TO NORTH ELM STREET IN WEST SPRINGFIELD (3.2 MILES)	2	STP	\$4,636,143	\$3,708,914	\$927,229	Construction / (YOE \$4,636,143 STP) / 51 TEC / Pre 25%
2019	608236	PIONEER VALLEY	NORTHAMPTON	NORTHAMPTON- RECONSTRUCTION OF DAMON ROAD, FROM ROUTE 9 TO ROUTE 5, INCLUDES DRAINAGE SYSTEM REPAIRS & SLOPE STABILIZATION AT THE NORWOTTUCK RAIL TRAIL	2	CMAQ	\$1,702,480	\$1,361,984	\$340,496	Construction / (YOE \$7,152,411 STP, CMAQ) / 66.5 TEC / 25%
2019	608236	PIONEER VALLEY	NORTHAMPTON	NORTHAMPTON- RECONSTRUCTION OF DAMON ROAD, FROM ROUTE 9 TO ROUTE 5, INCLUDES DRAINAGE SYSTEM REPAIRS & SLOPE STABILIZATION AT THE NORWOTTUCK RAIL TRAIL	2	STP	\$5,449,931	\$4,359,945	\$1,089,986	Construction / (YOE \$7,152,411 STP, CMAQ) / 66.5 TEC / 25%
2019	607719	SOUTHEASTERN MASSACHUSETTS	MIDDLEBOROUGH	MIDDLEBOROUGH- INTERSECTION IMPROVEMENTS & RELATED WORK AT EVERETT SQUARE	5	STP	\$1,040,000	\$832,000	\$208,000	a) Construction; b) Total Cost = \$1,040,000 STP d) EC Score 14 of 87; i) Status Pre 25%
2019	606709	SOUTHEASTERN MASSACHUSETTS	NEW BEDFORD	NEW BEDFORD- CORRIDOR IMPROVEMENTS AND RELATED WORK ON KINGS HIGHWAY, FROM CHURCH STREET TO THE KINGS HIGHWAY BRIDGE (N-06-036) OVER ROUTE 140	5	CMAQ	\$2,240,026	\$1,792,021	\$448,005	a) Construction; b) Total Cost = \$5,775,754 - HSIP (\$896,010) / CMAQ (\$2,240,026) / TAP (\$492,430) / STP (\$2,147,288); d) EC Score 41 of 87; h) Project Proponent - New Bedford; i) Status 25%; Anticipating CMAQ Eligibility
2019	606709	SOUTHEASTERN MASSACHUSETTS	NEW BEDFORD	NEW BEDFORD- CORRIDOR IMPROVEMENTS AND RELATED WORK ON KINGS HIGHWAY, FROM CHURCH STREET TO THE KINGS HIGHWAY BRIDGE (N-06-036) OVER ROUTE 140	5	HSIP	\$896,010	\$806,409	\$89,601	a) Construction; b) Total Cost = \$5,775,754 - HSIP (\$896,010) / CMAQ (\$2,240,026) / TAP (\$492,430) / STP (\$2,147,288); d) EC Score 41 of 87; h) Project Proponent - New Bedford; i) Status 25%; Anticipating CMAQ Eligibility
2019	606709	SOUTHEASTERN MASSACHUSETTS	NEW BEDFORD	NEW BEDFORD- CORRIDOR IMPROVEMENTS AND RELATED WORK ON KINGS HIGHWAY, FROM CHURCH STREET TO THE KINGS HIGHWAY BRIDGE (N-06-036) OVER ROUTE 140	5	STP	\$2,147,288	\$1,717,830	\$429,458	a) Construction; b) Total Cost = \$5,775,754 - HSIP (\$896,010) / CMAQ (\$2,240,026) / TAP (\$492,430) / STP (\$2,147,288); d) EC Score 41 of 87; h) Project Proponent - New Bedford; i) Status 25%; Anticipating CMAQ Eligibility
2019	606709	SOUTHEASTERN MASSACHUSETTS	NEW BEDFORD	NEW BEDFORD- CORRIDOR IMPROVEMENTS AND RELATED WORK ON KINGS HIGHWAY, FROM CHURCH STREET TO THE KINGS HIGHWAY BRIDGE (N-06-036) OVER ROUTE 140	5	TAP	\$492,430	\$393,944	\$98,486	a) Construction; b) Total Cost = \$5,775,754 - HSIP (\$896,010) / CMAQ (\$2,240,026) / TAP (\$492,430) / STP (\$2,147,288); d) EC Score 41 of 87; h) Project Proponent - New Bedford; i) Status 25%; Anticipating CMAQ Eligibility

## 2019

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2019	117106	SOUTHEASTERN MASSACHUSETTS	WAREHAM	WAREHAM- RECONSTRUCTION OF ROUTE 6 & 28, FROM 500 FT. EAST OF TYLER AVENUE TO RED BROOK ROAD (1.65 MILES)	5	STP	\$9,596,153	\$7,676,922	\$1,919,231	a) Construction; b) Total Cost = \$18,723,223 FY 18 STP (\$8,331,060) / HSIP (\$896,010), FY 18 Total Cost = \$9,227,070 FY 19 Total Cost = \$9,496,153; c) AC Year 1 of 2;
ROADWAY RECONSTRUCTION PROGRAM SUBTOTAL:							\$166,623,650	\$134,424,868	\$32,198,782	
REGIONALLY PRIORITIZED PROJECTS SUBTOTAL:							\$222,175,288	\$178,981,177	\$43,194,111	
SECTION 1A / REGIONALLY PRIORITIZED PROJECTS TOTAL:							\$222,175,288	\$178,981,177	\$43,194,111	
SECTION 1B / EARMARK OR DISCRETIONARY GRANT FUNDED PROJECTS										
Other Federal Aid										
2019	607330	BOSTON	MILTON	MILTON- DECK RECONSTRUCTION OVER SE EXPRESSWAY (EAST MILTON SQUARE), INCLUDES PARKING & NEW LANDSCAPED AREA	4	HPP	\$1,251,844	\$1,001,475	\$250,369	Construction; (MA134)
2019	607330	BOSTON	MILTON	MILTON- DECK RECONSTRUCTION OVER SE EXPRESSWAY (EAST MILTON SQUARE), INCLUDES PARKING & NEW LANDSCAPED AREA	4	HPP	\$1,502,213	\$1,201,770	\$300,443	Construction; (MA125)
2019	605789	BOSTON	BOSTON	BOSTON- RECONSTRUCTION OF MELNEA CASS BOULEVARD	6	HPP	\$2,703,983	\$2,163,186	\$540,797	Construction; HPP 756 (MA126); STP+Earmarks Total Cost = \$24,792,845
2019	605789	BOSTON	BOSTON	BOSTON- RECONSTRUCTION OF MELNEA CASS BOULEVARD	6	HPP	\$3,473,764	\$2,779,011	\$694,753	Construction; (MA194); STP+Earmarks Total Cost = \$24,792,845
2019	605789	BOSTON	BOSTON	BOSTON- RECONSTRUCTION OF MELNEA CASS BOULEVARD	6	HPP	\$5,007,375	\$4,005,900	\$1,001,475	Construction; HPP 4284 (MA203); STP+Earmarks Total Cost = \$24,792,845
2019	605789	BOSTON	BOSTON	BOSTON- RECONSTRUCTION OF MELNEA CASS BOULEVARD	6	HPP	\$6,259,219	\$5,007,375	\$1,251,844	Construction; (MA154); STP+Earmarks Total Cost = \$24,792,845
2019	606316	BOSTON	BROOKLINE	BROOKLINE- PEDESTRIAN BRIDGE REHABILITATION, B-27-016, OVER MBTA OFF CARLTON STREET	6	HPP	\$751,106	\$600,885	\$150,221	Demo ID: MA 149 Repurposed earmark, formerly design and construct signal crossing and other safety improvements to Emerald Necklace Greenway Bicycle Trail, Town of Brookline
OTHER FEDERAL AID SUBTOTAL:							\$20,949,504	\$16,759,602	\$4,189,902	
SECTION 1B / EARMARK OR DISCRETIONARY GRANT FUNDED PROJECTS TOTAL:							\$20,949,504	\$16,759,602	\$4,189,902	

## 2019

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
SECTION 2A / STATE PRIORITIZED RELIABILITY PROJECTS										
Bridge Program / Off System										
2019	608243	BERKSHIRE	NEW MARLBOROUGH	NEW MARLBOROUGH- BRIDGE REPLACEMENT, N-08-010, UMPACHENE FALLS OVER KONKAPOT RIVER	1	STP-BR-OFF	\$732,188	\$585,750	\$146,438	Construction
2019	603255	BERKSHIRE	PITTSFIELD	PITTSFIELD- BRIDGE REPLACEMENT, P-10-049, LAKEWAY DRIVE OVER ONOTA LAKE	1	STP-BR-OFF	\$1,511,864	\$1,209,491	\$302,373	Construction
2019	608523	BERKSHIRE	PITTSFIELD	PITTSFIELD- BRIDGE REPLACEMENT, P-10-042, NEW ROAD OVER WEST BRANCH OF THE HOUSATONIC RIVER	1	STP-BR-OFF	\$1,800,000	\$1,440,000	\$360,000	Construction
2019	608263	BERKSHIRE	SHEFFIELD	SHEFFIELD- BRIDGE REPLACEMENT, S-10-019, BERKSHIRE SCHOOL ROAD OVER SCHENOB BROOK	1	STP-BR-OFF	\$1,766,836	\$1,413,469	\$353,367	Construction
2019	608255	BOSTON	STOW	STOW- BRIDGE REPLACEMENT, S-29-011, BOX MILL ROAD OVER ELIZABETH BROOK	3	STP-BR-OFF	\$1,482,000	\$1,185,600	\$296,400	Construction
2019	608079	BOSTON	SHARON	SHARON- BRIDGE REPLACEMENT, S-09-003 (40N), MASKWONICUT STREET OVER AMTRAK/MBTA	5	STP-BR-OFF	\$5,219,900	\$4,175,920	\$1,043,980	Construction
2019	608190	CENTRAL MASSACHUSETTS	EAST BROOKFIELD	EAST BROOKFIELD- BRIDGE REPLACEMENT, E-02-001, SOUTH POND ROAD OVER SOUTH POND INLET	3	STP-BR-OFF	\$1,800,000	\$1,440,000	\$360,000	Construction
2019	608260	MONTACHUSETT	ATHOL	ATHOL- BRIDGE REPLACEMENT, A-15-005, WASHINGTON AVE OVER ATHOL POND OUTLET	2	STP-BR-OFF	\$2,265,600	\$1,812,480	\$453,120	Construction
2019	608259	MONTACHUSETT	TOWNSEND	TOWNSEND- BRIDGE REPLACEMENT, T-07-013, WEST MEADOW ROAD OVER LOCKE BROOK	3	STP-BR-OFF	\$2,061,600	\$1,649,280	\$412,320	Construction
2019	607534	NORTHERN MIDDLESEX	TEWKSBURY	TEWKSBURY- BRIDGE REPLACEMENT, T-03-003, MILL STREET OVER SHAWSHEEN RIVER	4	STP-BR-OFF	\$1,167,285	\$933,828	\$233,457	Construction
2019	608249	PIONEER VALLEY	MIDDLEFIELD	MIDDLEFIELD- BRIDGE REPLACEMENT, M-19-010, CHESTER ROAD OVER SMART BROOK	1	STP-BR-OFF	\$1,306,800	\$1,045,440	\$261,360	Construction
BRIDGE PROGRAM / OFF-SYSTEM SUBTOTAL:							\$21,114,073	\$16,891,258	\$4,222,815	
Bridge Program / On System (NHS)										
2019	604173	BOSTON	BOSTON	BOSTON- BRIDGE REPLACEMENT B-16-016, NORTH WASHINGTON STREET OVER THE BOSTON INNER HARBOR	6	NHPP-ON	\$42,000,000	\$33,600,000	\$8,400,000	AC Year 3 of 5, Total Cost \$144,066,616
2019	605306	MERRIMACK VALLEY	HAVERHILL	HAVERHILL- BRIDGE REPLACEMENT, H-12-039, I-495 (NB & SB) OVER MERRIMACK RIVER	4	NHPP-ON	\$21,000,000	\$16,800,000	\$4,200,000	Construction / AC Year 2 of 4, Total Cost \$79,000,000
2019	606552	PIONEER VALLEY	NORTHAMPTON	NORTHAMPTON- BRIDGE RECONSTRUCTION, N-19-059, I-91 OVER US 5/BMRR & N-19-060, I-91 OVER HOCKANUM ROAD	2	NHPP-ON	\$56,891,767	\$45,513,413	\$11,378,353	Construction
BRIDGE PROGRAM / ON-SYSTEM (NHS) SUBTOTAL:							\$119,891,767	\$95,913,413	\$23,978,353	



2019										
YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
Bridge Program / On System (Non NHS)										
2019	608612	MONTACHUSETT	ATHOL	ATHOL- BRIDGE REPLACEMENT, A-15-008, CRESCENT STREET OVER MILLERS RIVER	2	NHPP-OFF	\$7,860,160	\$6,288,128	\$1,572,032	Construction
BRIDGE PROGRAM / ON-SYSTEM (NON-NHS) SUBTOTAL:							\$7,860,160	\$6,288,128	\$1,572,032	
Bridge Program / Systematic Maintenance										
2019	608234	BOSTON	MULTIPLE	BOSTON- RANDOLPH- BRIDGE PRESERVATION OF 3 BRIDGES: B-16-165, R-01-005 & R-01-007	6	NHPP-ON	\$2,303,571	\$1,842,857	\$460,714	Construction
2019	608237	CENTRAL MASSACHUSETTS	MULTIPLE	WORCESTER- BOYLSTON- NORTHBOROUGH- STRUCTURAL STEEL CLEANING AND PAINTING OF OVERHEAD BRIDGES ON I-290	3	NHPP-OFF	\$1,236,000	\$988,800	\$247,200	Construction
2019	608257	NORTHERN MIDDLESEX	LOWELL	LOWELL- DECK REPLACEMENT, L-15-068 (2H5), LOWELL CONNECTOR (NB) OVER INDUSTRIAL AVENUE EAST	4	NHPP-OFF	\$1,607,143	\$1,285,715	\$321,429	Construction
2019	608258	PIONEER VALLEY	HUNTINGTON	HUNTINGTON- SYSTEMATIC BRIDGE MAINTENANCE, H-27-007, ROUTE 112 OVER WEST BRANCH OF WESTFIELD RIVER	1	NHPP-OFF	\$419,445	\$335,556	\$83,889	Construction
2019	608251	STATEWIDE	MULTIPLE	DISTRICT 2 - SYSTEMATIC MAINTENANCE AT VARIOUS LOCATIONS	2	NHPP-ON	\$2,148,120	\$1,718,496	\$429,624	
2019	608232	STATEWIDE	MULTIPLE	DISTRICT 5 - BRIDGE PRESERVATION ON THE I-95, I-195, I-295 CORRIDORS	5	NHPP-ON	\$1,355,357	\$1,084,286	\$271,071	
BRIDGE PROGRAM / SYSTEMATIC MAINTENANCE SUBTOTAL:							\$9,069,636	\$7,255,710	\$1,813,927	
Interstate Pavement										
2019	608219	BOSTON	MULTIPLE	READING- WAKEFIELD- INTERSTATE MAINTENANCE AND RELATED WORK ON I-95	4	NHPP	\$4,123,392	\$3,711,053	\$412,339	Construction
2019	607560	PIONEER VALLEY	MULTIPLE	CHICOPEE- HOLYOKE- INTERSTATE MAINTENANCE & RELATED WORK ON I-391	2	NHPP	\$11,309,875	\$10,178,888	\$1,130,988	Construction / Includes \$416,000 of stormwater improvements
2019	608824	SOUTHEASTERN MASSACHUSETTS	ATTLEBORO	ATTLEBORO- PAVEMENT PRESERVATION AND RELATED WORK ON I-95	5	NHPP	\$7,731,360	\$6,958,224	\$773,136	Construction
2019	608828	SOUTHEASTERN MASSACHUSETTS	MIDDLEBOROUGH	MIDDLEBOROUGH- PAVEMENT PRESERVATION AND RELATED WORK ON I-495	5	NHPP	\$6,921,408	\$6,229,267	\$692,141	Construction
INTERSTATE PAVEMENT SUBTOTAL:							\$30,086,035	\$27,077,432	\$3,008,604	
Non Interstate Pavement										
2019	608467	BOSTON	MARLBOROUGH	MARLBOROUGH- RESURFACING AND RELATED WORK ON ROUTE 20	3	NHPP	\$9,940,320	\$7,952,256	\$1,988,064	Construction
2019	608468	BOSTON	MULTIPLE	PEABODY- DANVERS- RESURFACING AND RELATED WORK ON ROUTE 1	4	NHPP	\$11,597,040	\$9,277,632	\$2,319,408	Construction
2019	608528	BOSTON	MULTIPLE	WESTON- WALTHAM- RESURFACING AND RELATED WORK ON ROUTE 20	4	NHPP	\$12,026,560	\$9,621,248	\$2,405,312	Construction



2019										
YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2019	608587	BOSTON	DEDHAM	DEDHAM- RECONSTRUCTION & RELATED WORK OF BRIDGE STREET (ROUTE 109) AND AMES STREET	6	NHPP	\$5,424,717	\$4,339,774	\$1,084,943	Construction
2019	607474	PIONEER VALLEY	MULTIPLE	GRANBY- SOUTH HADLEY- RESURFACING & RELATED WORK ON ROUTE 202, FROM LYMAN STREET SOUTH HADLEY TO PLEASANT STREET GRANBY (2 MILES)	2	NHPP	\$3,313,440	\$2,650,752	\$662,688	Construction
2019	608811	PIONEER VALLEY	WARE	WARE- RESURFACING AND RELATED WORK ON ROUTE 9	2	NHPP	\$1,365,000	\$1,092,000	\$273,000	Construction
2019	608223	SOUTHEASTERN MASSACHUSETTS	FALL RIVER	FALL RIVER- RESURFACING AND RELATED WORK ON ROUTE 24 (EXCLUDES MM 3.9-4.5)	5	NHPP	\$8,835,840	\$7,068,672	\$1,767,168	Construction
2019	608454	SOUTHEASTERN MASSACHUSETTS	MULTIPLE	MIDDLEBOROUGH- CARVER- RESURFACING AND RELATED WORK ON ROUTE 44 FROM MM 21.75 TO 28.80	5	NHPP	\$12,885,600	\$10,308,480	\$2,577,120	Construction
2019	608477	STATEWIDE	MULTIPLE	IPSWICH- ROWLEY- RESURFACING AND RELATED WORK ON ROUTE 1	4	NHPP	\$10,124,400	\$8,099,520	\$2,024,880	Construction
2019	608222	STATEWIDE	MULTIPLE	BOURNE- WAREHAM- RESURFACING AND RELATED WORK ON ROUTE 25	5	NHPP	\$10,838,630	\$8,670,904	\$2,167,726	Construction
NON-INTERSTATE PAVEMENT SUBTOTAL:							\$86,351,547	\$69,081,238	\$17,270,309	
Roadway Improvements										
2019	608214	BOSTON	WINCHESTER	WINCHESTER- STORMWATER IMPROVEMENTS ALONG ROUTE 3	4	STP	\$232,960	\$186,368	\$46,592	Construction
2019	608599	BOSTON	MULTIPLE	CANTON- SHARON- FOXBOROUGH- NORWOOD- WALPOLE- STORMWATER IMPROVEMENTS ALONG ROUTE 1, ROUTE 1A & INTERSTATE 95	5	STP	\$526,235	\$420,988	\$105,247	Construction
2019	608215	SOUTHEASTERN MASSACHUSETTS	FAIRHAVEN	FAIRHAVEN- STORMWATER IMPROVEMENTS ALONG ROUTE 240 AND ROUTE 6	5	STP	\$232,960	\$186,368	\$46,592	Construction
2019	608602	SOUTHEASTERN MASSACHUSETTS	MULTIPLE	FALL RIVER-SOMERSET-STORMWATER IMPROVEMENTS ALONG I-195 AND ROUTE 79	5	STP	\$1,500,000	\$1,200,000	\$300,000	Construction
ROADWAY IMPROVEMENTS SUBTOTAL:							\$2,492,155	\$1,993,724	\$498,431	
Safety Improvements										
2019	608205	BOSTON	MULTIPLE	READING TO LYNNFIELD- GUIDE AND TRAFFIC SIGN REPLACEMENT ON A SECTION OF I-95 (SR 128)	4	NHPP	\$4,513,288	\$4,061,959	\$451,329	Construction
2019	608206	BOSTON	MULTIPLE	CHELSEA TO DANVERS- GUIDE AND TRAFFIC SIGN REPLACEMENT ON A SECTION OF US ROUTE 1	4	NHPP	\$7,195,084	\$6,475,576	\$719,508	Construction
2019	608608	BOSTON	BRAINTREE	BRAINTREE- HIGHWAY LIGHTING IMPROVEMENTS AT I-93/ROUTE 3 INTERCHANGE	6	NHPP	\$7,008,503	\$5,606,802	\$1,401,701	Construction / Total Project Cost \$9,697,229 / AC YR 1 of 2
2019	608571	CAPE COD	MULTIPLE	BOURNE TO FALMOUTH- GUIDE AND TRAFFIC SIGN REPLACEMENT ON A SECTION OF ROUTE 28	5	HSIP	\$433,353	\$390,018	\$43,335	Construction

2019										
YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2019	607736	PIONEER VALLEY	CHICOPEE	CHICOPEE- SIGNAL & INTERSECTION IMPROVEMENTS AT 13 INTERSECTIONS ALONG ROUTE 33 (MEMORIAL DRIVE), FROM FULLER ROAD TO ABBEY STREET	2	HSIP	\$6,001,387	\$5,401,248	\$600,139	Construction
2019	608600	PIONEER VALLEY	MULTIPLE	CHICOPEE- WEST SPRINGFIELD- HIGHWAY LIGHTING UPGRADE ON I-91	2	NHPP	\$3,286,141	\$2,628,913	\$657,228	Construction
2019	608759	SOUTHEASTERN MASSACHUSETTS	SWANSEA	SWANSEA- TRAFFIC SIGNAL AND SAFETY IMPROVEMENTS AT THREE INTERSECTIONS ON ROUTE 6	5	HSIP	\$4,680,000	\$4,212,000	\$468,000	Construction
2019	608582	STATEWIDE	MULTIPLE	STATEWIDE-VARIOUS SAFETY STRATEGIES TO ADDRESS SHSP - TO BE DETERMINED IN CONSULTATION WITH FHWA IN 2019	Multi	HSIP	\$2,437,799	\$2,194,019	\$243,780	Construction / Total Project Cost \$4,050,000 / Safety Improvements Program and Intersection Improvements Program
SAFETY IMPROVEMENTS SUBTOTAL:							\$35,555,555	\$30,970,535	\$4,585,020	
SECTION 2A / STATE PRIORITIZED RELIABILITY PROJECTS TOTAL:							\$312,420,928	\$255,471,438	\$56,949,491	
SECTION 2B / STATE PRIORITIZED MODERNIZATION PROJECTS										
ADA Retrofits										
2019	608225	STATEWIDE	MULTIPLE	DISTRICT 1 - ADA RETROFITS AT VARIOUS LOCATIONS	1	STP	\$697,095	\$557,676	\$139,419	Construction
2019	608226	STATEWIDE	MULTIPLE	DISTRICT 2 - ADA RETROFITS AT VARIOUS LOCATIONS	2	STP	\$977,305	\$781,844	\$195,461	Construction
2019	608796	STATEWIDE	MULTIPLE	DISTRICT 4- ADA RETROFITS AT VARIOUS LOCATIONS	4	STP	\$1,303,973	\$1,043,178	\$260,795	Construction
ADA RETROFITS SUBTOTAL:							\$2,978,373	\$2,382,698	\$595,675	
Intelligent Transportation Systems										
2019	608838	STATEWIDE	MULTIPLE	STATEWIDE - EXPANSION OF HIGHWAY OPERATIONS CENTER INCIDENT DETECTION SYSTEMS	Multi	CMAQ	\$1,500,000	\$1,200,000	\$300,000	Construction
2019	607487	STATEWIDE	MULTIPLE	DISTRICTS 3 AND 5 - EXPANSION OF ITS EQUIPMENT (CCTV CAMERAS, TRAFFIC SENSORS, AND VMS) FOR HIGHWAY OPERATIONS	Multi	NHPP	\$1,124,000	\$899,200	\$224,800	Construction / Total Project Cost = \$6,250,000 / AC YR 2 of 2
2019	608141	STATEWIDE	MULTIPLE	STATEWIDE - EXPANSION OF ITS EQUIPMENT (CCTV CAMERAS, TRAFFIC SENSORS, AND VMS) FOR HIGHWAY OPERATIONS	Multi	NHPP	\$11,126,000	\$8,900,800	\$2,225,200	Construction
INTELLIGENT TRANSPORTATION SYSTEMS SUBTOTAL:							\$13,750,000	\$11,000,000	\$2,750,000	

## 2019

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
Intersection Improvements										
2019	608754	BERKSHIRE	DALTON	DALTON- INTERSECTION IMPROVEMENTS AT ROUTES 8 & 9 (MAIN ST) AT SOUTH ST & WEST HOUSATONIC ST	1	HSIP	\$1,500,000	\$1,350,000	\$150,000	Construction
2019	607756	BERKSHIRE	GREAT BARRINGTON	GREAT BARRINGTON- INTERSECTION & SIGNAL IMPROVEMENTS ON US 7 (SOUTH MAIN STREET) AT SR 23 & SR 41 (MAPLE AVENUE)	1	HSIP	\$974,815	\$877,334	\$97,482	Construction / PSAC score 51.5
2019	607748	BOSTON	ACTON	ACTON- INTERSECTION & SIGNAL IMPROVEMENTS ON SR 2 & SR 111 (MASSACHUSETTS AVENUE) AT PIPER ROAD & TAYLOR ROAD	3	HSIP	\$1,400,000	\$1,260,000	\$140,000	Construction / PSAC score 58
2019	607761	BOSTON	SWAMPSCOTT	SWAMPSCOTT- INTERSECTION & SIGNAL IMPROVEMENTS AT SR 1A (PARADISE ROAD) AT SWAMPSCOTT MALL	4	HSIP	\$2,000,000	\$1,800,000	\$200,000	Construction / PSAC score 50
2019	608052	BOSTON	NORWOOD	NORWOOD- INTERSECTION & SIGNAL IMPROVEMENTS AT US 1 (PROVIDENCE HIGHWAY) & MORSE STREET	5	HSIP	\$974,815	\$877,334	\$97,482	Construction / PSAC score 50
2019	607759	BOSTON	BOSTON	BOSTON- INTERSECTION & SIGNAL IMPROVEMENTS AT THE VFW PARKWAY & SPRING STREET	6	HSIP	\$974,815	\$877,334	\$97,482	Construction / PSAC score 39
2019	608755	BOSTON	BOSTON	BOSTON- INTERSECTION IMPROVEMENTS AT MORTON STREET AND HARVARD STREET	6	HSIP	\$1,500,000	\$1,350,000	\$150,000	Construction
2019	607763	BOSTON	MILTON	MILTON- INTERSECTION & SIGNAL IMPROVEMENTS AT 2 LOCATIONS: SR 138 (BLUE HILL AVENUE) AT ATHERTON STREET & BRADLEE ROAD AND SR 138 (BLUE HILL AVENUE) AT MILTON STREET & DOLLAR LANE	6	HSIP	\$1,188,000	\$1,069,200	\$118,800	Construction / PSAC score 44
2019	606272	CAPE COD	BARNSTABLE	BARNSTABLE- INTERSECTION IMPROVEMENTS AT IYANOUGH ROAD (ROUTE 28) AND YARMOUTH ROAD	5	NFP	\$540,800	\$432,640	\$108,160	Construction / Total Cost = \$9,584,447 w/ \$9,043,647 in Cape Cod MPO funding / PSAC score 67
2019	603251	CENTRAL MASSACHUSETTS	WORCESTER	WORCESTER- SIGNAL & INTERSECTION IMPROVEMENTS @ HOLDEN STREET, DRUMMOND AVENUE & SHORE DRIVE, INCLUDES CULVERT EXTENSION OF W-44-122, SHORE DRIVE OVER (UNNAMED) STREAM	3	CMAQ	\$2,005,070	\$1,604,056	\$401,014	Construction / Total Project Cost = \$2,902,792 w/ \$1,013,833 in Central Mass MPO funding / PSAC score 44 / Design Status = 25%
2019	608757	CENTRAL MASSACHUSETTS	WORCESTER	WORCESTER- INTERSECTION IMPROVEMENTS AT WEST MOUNTAIN STREET AT I-190 FRONTAGE ROAD & BROOKS STREET EXTENSION	3	HSIP	\$1,500,000	\$1,350,000	\$150,000	Construction / PSAC score 48
2019	607757	CENTRAL MASSACHUSETTS	WORCESTER	WORCESTER- SIGNAL & INTERSECTION IMPROVEMENTS ON ROUTE SR 122A (PROVIDENCE STREET) AT MILLBURY STREET & MCKEON ROAD	3	NFP	\$550,000	\$440,000	\$110,000	Construction
2019	608086	OLD COLONY	AVON	AVON- INTERSECTION IMPROVEMENTS AT HARRISON BOULEVARD AND POND STREET	5	CMAQ	\$3,888,000	\$3,110,400	\$777,600	Construction / PSAC score 53

2019										
YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2019	608053	SOUTHEASTERN MASSACHUSETTS	MANSFIELD	MANSFIELD- INTERSECTION & SIGNAL IMPROVEMENTS AT SR 140 (COMMERCIAL STREET) & SR 106 (CHAUNCEY STREET)	5	NHPP	\$974,815	\$877,334	\$97,482	Construction / PSAC score 55
2019	608652	STATEWIDE	MULTIPLE	ADAPTIVE SIGNAL CONTROLS IN DISTRICT 5	5	CMAQ	\$500,000	\$400,000	\$100,000	Construction
2019	608582	STATEWIDE	MULTIPLE	STATEWIDE-VARIOUS SAFETY STRATEGIES TO ADDRESS SHSP - TO BE DETERMINED IN CONSULTATION WITH FHWA IN 2019	Multi	HSIP	\$1,612,203	\$1,450,983	\$161,220	Construction / Total Project Cost \$4,050,000 / Safety Improvements Program and Intersection Improvements Program

**INTERSECTION IMPROVEMENTS SUBTOTAL:** \$22,083,333 \$19,126,615 \$2,956,722

### Roadway Reconstruction

2019	607411	MARTHA'S VINEYARD	TISBURY	TISBURY- BIKE & PEDESTRIAN IMPROVEMENTS ALONG BEACH ROAD, FROM THE TERMINATION OF THE EXISTING SHARED USE PATH WESTERLY TO THE FIVE CORNERS INTERSECTION	5	CMAQ	\$3,179,390	\$2,543,512	\$635,878	Construction / Total Project Cost = \$4,388,393 w/ \$1,384,538 of Martha's Vineyard regional funding / AC YR 1 of 2 / PSAC Score 33.5
2019	608792	MERRIMACK VALLEY	NEWBURYPORT	NEWBURYPORT- IMPROVEMENTS AT NOCK MIDDLE SCHOOL & MOLIN UPPER ELEMENTARY SCHOOL (SRTS)	4	TAP	\$1,593,600	\$1,274,880	\$318,720	Construction / TAP project proponent is Newburyport
2019	608088	OLD COLONY	BROCKTON	BROCKTON- CORRIDOR IMPROVEMENTS ON ROUTE 123 (BELMONT STREET), FROM ANGUS BEATON DRIVE TO WEST STREET	5	CMAQ	\$592,300	\$473,840	\$118,460	a) Construction; b) Total Project Cost = \$4,609,131 w/ \$4,016,831 of Old Colony regional funding; d) PSAC score 65
2019	607941	OLD COLONY	EAST BRIDGEWATER	EAST BRIDGEWATER- RESURFACING AND SIDEWALK CONSTRUCTION ON BEDFORD STREET (ROUTE 18), FROM WHITMAN STREET (ROUTE 106) TO CENTRAL STREET	5	CMAQ	\$1,891,000	\$1,512,800	\$378,200	a) Construction; b) Total Project Cost = \$5,371,668 w/ \$3,480,668 of Old Colony STP funding, and \$1,891,000 of Statewide CMAQ funding; d) PSAC score 47.25
2019	608790	PIONEER VALLEY	HOLYOKE	HOLYOKE- IMPROVEMENTS AT KELLY COMMUNITY SCHOOL (SRTS)	2	TAP	\$926,875	\$741,500	\$185,375	Construction / TAP project proponent is Holyoke
2019	606555	PIONEER VALLEY	NORTHAMPTON	NORTHAMPTON- ROUNDBOUT CONSTRUCTION AT INTERSECTION ROUTES 5/10 (NORTH KING STREET) & HATFIELD STREET	2	CMAQ	\$2,874,895	\$2,299,916	\$574,979	Construction / PSAC score 36.5

**ROADWAY RECONSTRUCTION SUBTOTAL:** \$11,058,060 \$8,846,448 \$2,211,612

**SECTION 2B / STATE PRIORITIZED MODERNIZATION PROJECTS TOTAL:** \$49,869,766 \$41,355,761 \$8,514,009

## SECTION 2C / STATE PRIORITIZED EXPANSION PROJECTS

### Bicycles and Pedestrians

2019	606891	BERKSHIRE	MULTIPLE	LANESBOROUGH- PITTSFIELD- ASHUWILLTICOOK RAIL TRAIL EXTENSION TO CRANE AVENUE	1	CMAQ	\$2,251,210	\$1,800,968	\$450,242	Construction / PSAC score 35
2019	607254	BERKSHIRE	MULTIPLE	NORTH ADAMS- WILLIAMSTOWN- MOHAWK BICYCLE/PEDESTRIAN TRAIL	1	CMAQ	\$4,906,137	\$3,924,910	\$981,227	Construction / PSAC score 31

2019										
YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2019	606223	BOSTON	MULTIPLE	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)	4	CMAQ	\$9,495,746	\$7,596,597	\$1,899,149	Construction / PSAC score 31.5
2019	606316	BOSTON	BROOKLINE	BROOKLINE- PEDESTRIAN BRIDGE REHABILITATION, B-27-016, OVER MBTA OFF CARLTON STREET	6	CMAQ	\$3,087,238	\$2,469,790	\$617,448	Construction / Total Project Cost \$3,838,344 w/ additional funding from earmark at \$751,106
2019	607888	BOSTON	MULTIPLE	BOSTON- BROOKLINE- MULTI-USE PATH CONSTRUCTION ON NEW FENWAY	6	CMAQ	\$1,770,722	\$1,416,578	\$354,144	Construction / PSAC score 41
2019	608193	MONTACHUSETT	MULTIPLE	FITCHBURG- LEOMINSTER- RAIL TRAIL CONSTRUCTION (TWIN CITIES RAIL TRAIL)	3	CMAQ	\$7,686,429	\$6,149,143	\$1,537,286	Construction / Total Project Cost \$18,030,889 / AC YR 1 of 2 / PSAC score 45
2019	603783	PIONEER VALLEY	WESTFIELD	WESTFIELD- COLUMBIA GREENWAY RAIL TRAIL CONSTRUCTION (CENTER DOWNTOWN SECTION), FROM EAST SILVER STREET TO COWLES COURT, INCLUDES W-25,014, W-25-015, W-25-016, W-25-017, W-25-018 & W-25-019	2	CMAQ	\$6,532,895	\$5,226,316	\$1,306,579	Construction / PSAC score 39.5
2019	605677	SOUTHEASTERN MASSACHUSETTS	MATTAPOISETT	MATTAPOISETT- MULTI-USE PATH CONSTRUCTION (PENN CENTRAL RIGHT OF WAY), FROM MATTAPOISETT NECK ROAD TO DEPOT STREET (PHASE 1B)	5	CMAQ	\$7,443,936	\$5,955,149	\$1,488,787	Construction / Total Project Cost \$10,179,239 / AC YR 2 of 2 / PSAC score 20
2019	605677	SOUTHEASTERN MASSACHUSETTS	MATTAPOISETT	MATTAPOISETT- MULTI-USE PATH CONSTRUCTION (PENN CENTRAL RIGHT OF WAY), FROM MATTAPOISETT NECK ROAD TO DEPOT STREET (PHASE 1B)	5	TAP	\$2,143,101	\$1,714,481	\$428,620	Construction / Total Project Cost \$10,179,239 / AC YR 2 of 2 / PSAC score 20
BICYCLES AND PEDESTRIANS SUBTOTAL:							\$45,317,414	\$36,253,932	\$9,063,482	
SECTION 2C / STATE PRIORITIZED EXPANSION PROJECTS TOTAL:							\$45,317,414	\$36,253,932	\$9,063,482	

## SECTION 3 / PLANNING / ADJUSTMENTS / PASS-THROUGHS

### Planning / Adjustments / Pass throughs

2019	BN0008	BOSTON	NEWBURYPORT	Parker River National Wildlife Refuge - Replace Hellcat Trail Boardwalk	4	OTHER FA	\$1,200,000	\$960,000	\$240,000	Transfer to Eastern Federal Lands
2019	CC1001	CAPE COD	EASTHAM	CAPE COD NATIONAL SEASHORE - PAVEMENT OVERLAY ON DOANE ROAD	5	OTHER FA	\$337,500	\$270,000	\$67,500	Construction; MPO score = 36; Transfer to Eastern Federal Lands (National Park Service)
2019	MRTDM 19	STATEWIDE	MULTIPLE	MassRides: Travel Demand Management	Multi	CMAQ	\$3,125,000	\$2,500,000	\$625,000	
2019	ABPGAN	STATEWIDE	MULTIPLE	ABP GANS Repayment	Multi	NHPP	\$65,615,392	\$65,615,392	\$0	

2019										
YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2019	UPWP20	STATEWIDE	MULTIPLE	Metropolitan Planning	Multi	PL	\$9,825,026	\$7,860,021	\$1,965,005	
2019	SPR219	STATEWIDE	MULTIPLE	State Planning and Research Work Program II, (SPR II), Research	Multi	RD	\$4,500,000	\$3,600,000	\$900,000	
2019	SRT19	STATEWIDE	MULTIPLE	Recreational Trails	Multi	REC	\$1,483,411	\$1,186,729	\$296,682	
2019	RRC19	STATEWIDE	MULTIPLE	Railroad Crossings	Multi	RRHE	\$2,222,222	\$2,000,000	\$222,222	
2019	RRC19	STATEWIDE	MULTIPLE	Railroad Crossings	Multi	RRPD	\$2,000,000	\$1,800,000	\$200,000	
2019	UPWP20	STATEWIDE	MULTIPLE	Metropolitan Planning	Multi	SPR	\$1,012,803	\$810,242	\$202,561	
2019	SPR119	STATEWIDE	MULTIPLE	State Planning and Research Work Program I, (SPR I), Planning	Multi	SPR	\$13,033,371	\$10,426,697	\$2,606,674	
2019	EWO	STATEWIDE	MULTIPLE	Award adjustments, change orders, etc.	Multi	STP	\$31,250,000	\$25,000,000	\$6,250,000	
2019	ABPGAN	STATEWIDE	MULTIPLE	ABP GANS Repayment	Multi	STP-BR-OFF	\$399,608	\$399,608	\$0	
2019	MREDU19	STATEWIDE	MULTIPLE	MassRides: SRTS Education	Multi	TAP	\$200,000	\$160,000	\$40,000	
PLANNING / ADJUSTMENTS / PASS-THROUGHS SUBTOTAL:							\$136,204,333	\$122,588,689	\$13,615,644	
SECTION 3 / PLANNING / ADJUSTMENTS / PASS-THROUGHS TOTAL:							\$136,204,333	\$122,588,689	\$13,615,644	
TOTAL	YEAR 2019						\$786,937,233	\$651,410,599	\$135,526,639	

2020										
YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
SECTION 1A / REGIONALLY PRIORITIZED PROJECTS										
Regionally Prioritized Projects										
Bicycles and pedestrians program										
2020	608027	MERRIMACK VALLEY	HAVERHILL	HAVERHILL- BRADFORD RAIL TRAIL EXTENSION, FROM ROUTE 125 TO RAILROAD STREET	4	STP	\$1,107,389	\$885,911	\$221,478	a) Construction; b) \$1,176,240 (inflated 8% from 2018 cost) = \$68,851 TAP + \$1,107,389 STP; d) TEC = 7.15 out of 18;
2020	608027	MERRIMACK VALLEY	HAVERHILL	HAVERHILL- BRADFORD RAIL TRAIL EXTENSION, FROM ROUTE 125 TO RAILROAD STREET	4	TAP	\$68,851	\$55,081	\$13,770	a) Construction; b) \$1,176,240 (inflated 8% from 2018 cost) = \$68,851 TAP + \$1,107,389 CMAQ; d) TEC = 7.15 out of 18;
BICYCLES AND PEDESTRIANS PROGRAM SUBTOTAL:							\$1,176,240	\$940,992	\$235,248	
Capacity program										
2020	605032	PIONEER VALLEY	HADLEY	HADLEY- RECONSTRUCTION ON ROUTE 9, FROM MIDDLE STREET TO MAPLE/SOUTH MAPLE STREET	2	CMAQ	\$2,202,480	\$1,761,984	\$440,496	Construction / (YOE \$24,840,000) CMAQ, STP Fund AC Year 1 of 2 \$5,742,834 in FFY2021 / 50 TEC / Pre 25%
2020	605032	PIONEER VALLEY	HADLEY	HADLEY- RECONSTRUCTION ON ROUTE 9, FROM MIDDLE STREET TO MAPLE/SOUTH MAPLE STREET	2	STP	\$3,540,354	\$2,832,283	\$708,071	Construction / (YOE \$24,840,000) CMAQ, STP Fund AC Year 1 of 2 \$5,742,834 in FFY2021 / 50 TEC / Pre 25%
2020	606718	SOUTHEASTERN MASSACHUSETTS	NEW BEDFORD	NEW BEDFORD- INTERSECTION IMPROVEMENTS AT HATHAWAY ROAD, MOUNT PLEASANT STREET AND NAUSET STREET	5	STP	\$2,700,864	\$2,160,691	\$540,173	a) Construction; b) Total Cost = \$2,496,132 STP; d) EC Score 38 of 87; i) Status Pre 25%;
CAPACITY PROGRAM SUBTOTAL:							\$8,443,698	\$6,754,958	\$1,688,740	
Intersection improvements program										
2020	607397	CAPE COD	WELLFLEET	WELLFLEET- INTERSECTION IMPROVEMENTS & RELATED WORK AT ROUTE 6 & MAIN STREET	5	NFP	\$1,987,233	\$1,589,786	\$397,447	Construction; Total project cost = \$2,240,448 with 8% inflation (NFP + TAP); MPO score = 82; Municipality is TAP proponent; RSA completed
2020	607397	CAPE COD	WELLFLEET	WELLFLEET- INTERSECTION IMPROVEMENTS & RELATED WORK AT ROUTE 6 & MAIN STREET	5	TAP	\$253,215	\$202,572	\$50,643	Construction; Total project cost = \$2,240,448 with 8% inflation (NFP + TAP); MPO score = 82; Municipality is TAP proponent; RSA completed
2020	607401	NORTHERN MIDDLESEX	CHELMSFORD	CHELMSFORD- TRAFFIC SIGNAL INSTALLATION AT ROUTE 110 & ROUTE 495 (2 LOCATIONS)	4	HSIP	\$1,268,176	\$1,141,358	\$126,818	Construction; Total Project Cost 2020 YOE: \$1,268,176 (1,172,500) HSIP, NMMPO TEC Score = 5.82 out of 18.
2020	604434	PIONEER VALLEY	CHICOPEE	CHICOPEE- RECONSTRUCTION & RELATED WORK ON FULLER ROAD, FROM MEMORIAL DR (RTE 33) TO SHAWINIGAN DR (2.0 MILES)	2	STP	\$8,101,167	\$6,480,934	\$1,620,233	Construction / (YOE \$7,801,167 STP) / 49 TEC / 25%

2020										
YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2020	608782	PIONEER VALLEY	SPRINGFIELD	SPRINGFIELD- INTERSECTION IMPROVEMENTS AT COTTAGE STREET, INDUSTRY AVENUE AND ROBBINS ROAD	2	STP	\$1,944,000	\$1,555,200	\$388,800	Construction / (YOE \$1,944,000) STP) / 49.5 TEC Score / Pre 25%
2020	608718	PIONEER VALLEY	SPRINGFIELD	SPRINGFIELD- INTERSECTION IMPROVEMENTS AT BERKSHIRE AVENUE, COTTAGE AND HARVEY STREETS	2	STP	\$2,229,021	\$1,783,217	\$445,804	Construction / (YOE \$2,229,021 STP) / 53 TEC Score / Pre 25%
2020	607339	SOUTHEASTERN MASSACHUSETTS	ATTLEBORO	ATTLEBORO - INTERSECTION IMPROVEMENTS AT ROUTE 1 (WASHINGTON STREET)/ROUTE 1A (NEWPORT AVENUE) AND ROUTE 123 (HIGHLAND AVENUE)	5	STP	\$6,681,388	\$5,345,110	\$1,336,278	a) Construction; b) Total Cost = \$6,681,388 - STP; d) EC Score 32 of 87; i) Status Pre 25%; HSIP Eligible; Anticipating CMAQ Eligibility
INTERSECTION IMPROVEMENTS PROGRAM SUBTOTAL:							\$22,464,200	\$18,098,177	\$4,366,023	
Planning / Adjustments / Pass-throughs										
2020	1570	BOSTON	MULTIPLE	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	6	CMAQ	\$35,300,000	\$28,240,000	\$7,060,000	Construction; STP+CMAQ+Section 5309 (Transit) Total MPO Contribution = \$190,000,000; AC Yr 5 of 6; funding flexed to FTA; match provided by local contributions
2020	CC2000	CAPE COD	MULTIPLE	CAPE COD - BICYCLE RACK PROGRAM	5	CMAQ	\$100,000	\$80,000	\$20,000	Construction; Total project cost = \$100,000; MPO score = 52; CMAQ approved; Funds to be applied for by municipalities.
PLANNING / ADJUSTMENTS / PASS-THROUGHS SUBTOTAL:							\$35,400,000	\$28,320,000	\$7,080,000	
Roadway reconstruction program										
2020	607328	BERKSHIRE	ADAMS	ADAMS- PAVEMENT REHABILITATION & RELATED WORK ON ROUTE 8	1	CMAQ	\$490,148	\$392,118	\$98,030	STP + CMAQ; Total Cost = 7,365,600; MPO evaluation score 4 of 8; Design Status: <25%; YOE = 8%
2020	607328	BERKSHIRE	ADAMS	ADAMS- PAVEMENT REHABILITATION & RELATED WORK ON ROUTE 8	1	STP	\$6,875,452	\$5,500,362	\$1,375,090	STP + CMAQ; Total Cost = 7,365,600; MPO evaluation score 4 of 8; Design Status: <25%; YOE = 8%
2020	604123	BOSTON	ASHLAND	ASHLAND- RECONSTRUCTION ON ROUTE 126 (POND STREET), FROM THE FRAMINGHAM T.L. TO THE HOLLISTON T.L.	3	CMAQ	\$1,000,000	\$800,000	\$200,000	Construction; STP+CMAQ+TAP Total Cost = \$14,636,338; MPO Evaluation Score = 54
2020	604123	BOSTON	ASHLAND	ASHLAND- RECONSTRUCTION ON ROUTE 126 (POND STREET), FROM THE FRAMINGHAM T.L. TO THE HOLLISTON T.L.	3	STP	\$11,529,857	\$9,223,886	\$2,305,971	Construction; STP+CMAQ+TAP Total Cost = \$14,636,338; MPO Evaluation Score = 54
2020	604123	BOSTON	ASHLAND	ASHLAND- RECONSTRUCTION ON ROUTE 126 (POND STREET), FROM THE FRAMINGHAM T.L. TO THE HOLLISTON T.L.	3	TAP	\$2,106,481	\$1,685,185	\$421,296	Construction; STP+CMAQ+TAP Total Cost = \$14,636,338; MPO Evaluation Score = 54; TAP project proponent = Ashland
2020	602077	BOSTON	LYNN	LYNN- RECONSTRUCTION ON ROUTE 129 (LYNNFIELD STREET), FROM GREAT WOODS ROAD TO WYOMA SQUARE	4	CMAQ	\$1,000,000	\$800,000	\$200,000	Construction; CMAQ+STP Total Cost = \$4,755,714; MPO Evaluation Score = 38



2020										
YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2020	602077	BOSTON	LYNN	LYNN- RECONSTRUCTION ON ROUTE 129 (LYNNFIELD STREET), FROM GREAT WOODS ROAD TO WYOMA SQUARE	4	STP	\$3,755,714	\$3,004,571	\$751,143	Construction; CMAQ+STP Total Cost = \$4,755,714; MPO Evaluation Score = 38
2020	602261	BOSTON	WALPOLE	WALPOLE- RECONSTRUCTION ON ROUTE 1A (MAIN STREET), FROM THE NORWOOD T.L. TO ROUTE 27, INCLUDES W-03-024 OVER THE NEPONSET RIVER	5	CMAQ	\$1,000,000	\$800,000	\$200,000	Construction; STP+CMAQ+TAP Total Cost = \$17,390,216; MPO Evaluation Score = 51
2020	602261	BOSTON	WALPOLE	WALPOLE- RECONSTRUCTION ON ROUTE 1A (MAIN STREET), FROM THE NORWOOD T.L. TO ROUTE 27, INCLUDES W-03-024 OVER THE NEPONSET RIVER	5	STP	\$14,531,779	\$11,625,423	\$2,906,356	Construction; STP+CMAQ+TAP Total Cost = \$17,390,216; MPO Evaluation Score = 51
2020	602261	BOSTON	WALPOLE	WALPOLE- RECONSTRUCTION ON ROUTE 1A (MAIN STREET), FROM THE NORWOOD T.L. TO ROUTE 27, INCLUDES W-03-024 OVER THE NEPONSET RIVER	5	TAP	\$1,858,437	\$1,486,750	\$371,687	Construction; STP+CMAQ+TAP Total Cost = \$17,390,216; MPO Evaluation Score = 51; TAP project proponent = Walpole
2020	606453	BOSTON	BOSTON	BOSTON- IMPROVEMENTS ON BOYLSTON STREET, FROM INTERSECTION OF BROOKLINE AVENUE & PARK DRIVE TO IPSWICH STREET	6	CMAQ	\$1,000,000	\$800,000	\$200,000	Construction; CMAQ+TAP+STP Total Cost = \$8,214,319; MPO Evaluation Score = 58
2020	606453	BOSTON	BOSTON	BOSTON- IMPROVEMENTS ON BOYLSTON STREET, FROM INTERSECTION OF BROOKLINE AVENUE & PARK DRIVE TO IPSWICH STREET	6	STP	\$6,401,887	\$5,121,510	\$1,280,377	Construction; CMAQ+TAP+STP Total Cost = \$8,214,319; MPO Evaluation Score = 58
2020	606226	BOSTON	BOSTON	BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE	6	STP	\$7,000,000	\$5,600,000	\$1,400,000	Construction; TAP+STP Total Cost = \$152,000,000; AC Yr 1 of 5; Total funding in this TIP = \$76,626,515
2020	606453	BOSTON	BOSTON	BOSTON- IMPROVEMENTS ON BOYLSTON STREET, FROM INTERSECTION OF BROOKLINE AVENUE & PARK DRIVE TO IPSWICH STREET	6	TAP	\$812,432	\$649,946	\$162,486	Construction; CMAQ+TAP+STP Total Cost = \$8,214,319; MPO Evaluation Score = 58; TAP project proponent = Boston
2020	606635	BOSTON	MULTIPLE	NEEDHAM- NEWTON- RECONSTRUCTION OF HIGHLAND AVENUE, NEEDHAM STREET & CHARLES RIVER BRIDGE, N-04-002, FROM WEBSTER STREET (NEEDHAM) TO ROUTE 9 (NEWTON)	6	HSIP	\$2,319,644	\$2,087,680	\$231,964	Construction; CMAQ+HSIP+TAP+STP Total Cost = \$21,434,400; AC Yr 2 of 2; MPO Evaluation Score = 75
2020	606635	BOSTON	MULTIPLE	NEEDHAM- NEWTON- RECONSTRUCTION OF HIGHLAND AVENUE, NEEDHAM STREET & CHARLES RIVER BRIDGE, N-04-002, FROM WEBSTER STREET (NEEDHAM) TO ROUTE 9 (NEWTON)	6	STP	\$8,397,556	\$6,718,045	\$1,679,511	Construction; CMAQ+HSIP+TAP+STP Total Cost = \$21,434,400; AC Yr 2 of 2; MPO Evaluation Score = 75
2020	606900	CAPE COD	BOURNE	BOURNE- TRAFFIC AND MULTI-MODAL IMPROVEMENTS @ BELMONT CIRCLE AT ROUTES 6/25/28	5	CMAQ	\$1,046,285	\$837,028	\$209,257	Construction; Total project cost = \$5,644,800 with 8% inflation = STP + CMAQ; MPO score = 82
2020	606900	CAPE COD	BOURNE	BOURNE- TRAFFIC AND MULTI-MODAL IMPROVEMENTS @ BELMONT CIRCLE AT ROUTES 6/25/28	5	STP	\$4,598,515	\$3,678,812	\$919,703	Construction; Total project cost = \$5,644,800 with 8% inflation = STP + CMAQ; MPO score = 82

2020										
YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2020	607319	CAPE COD	MASHPEE	MASHPEE- CORRIDOR IMPROVEMENTS & RELATED WORK ON NATHAN ELLIS HIGHWAY (ROUTE 151), FROM MASHPEE ROTARY TO FALMOUTH T.L.	5	STP	\$2,120,112	\$1,696,090	\$424,022	Construction; Total project cost = \$9,240,112 with 8% inflation (2020 STP + 2021 STP + 2021 HSIP + 2021 CMAQ + 2021 TAP); MPO score = 80; AC Year 1 of 2; Municipality is TAP proponent; RSA conducted; CMAQ analysis to be completed
2020	605377	CENTRAL MASSACHUSETTS	MILLBURY	MILLBURY- RECONSTRUCTION ON MCCracken ROAD & GREENWOOD STREET, INCLUDES REHAB OF M-22-058, MCCracken ROAD OVER ACCESS ROAD	3	STP	\$8,112,000	\$6,489,600	\$1,622,400	Construction / Total Project Cost = \$8,112,000 / PM Score = 13 / Design Status = 25%
2020	602659	CENTRAL MASSACHUSETTS	MULTIPLE	CHARLTON- OXFORD- RECONSTRUCTION ON ROUTE 20, FROM RICHARDSON'S CORNER EASTERLY TO ROUTE 12, INCLUDES REHAB OF C-06-023 & REPLACEMENT OF O-06-002	3	CMAQ	\$2,172,533	\$1,738,026	\$434,507	Construction / Total Project Cost = \$57,426,624 w/ \$11,386,727 of Central Mass regional funding in 2020 and 2021 / AC YR 1 of 4 / PSAC score 49.5
2020	602659	CENTRAL MASSACHUSETTS	MULTIPLE	CHARLTON- OXFORD- RECONSTRUCTION ON ROUTE 20, FROM RICHARDSON'S CORNER EASTERLY TO ROUTE 12, INCLUDES REHAB OF C-06-023 & REPLACEMENT OF O-06-002	3	HSIP	\$869,013	\$782,112	\$86,901	Construction / Total Project Cost = \$57,426,624 w/ \$11,386,727 of Central Mass regional funding in 2020 and 2021 / AC YR 1 of 4 / PSAC score 49.5
2020	602659	CENTRAL MASSACHUSETTS	MULTIPLE	CHARLTON- OXFORD- RECONSTRUCTION ON ROUTE 20, FROM RICHARDSON'S CORNER EASTERLY TO ROUTE 12, INCLUDES REHAB OF C-06-023 & REPLACEMENT OF O-06-002	3	STP	\$3,424,028	\$2,739,222	\$684,806	Construction / Total Project Cost = \$57,426,624 w/ \$11,386,727 of Central Mass regional funding in 2020 and 2021 / AC YR 1 of 4 / PSAC score 49.5
2020	608764	CENTRAL MASSACHUSETTS	UPTON	UPTON - RECONSTRUCTION OF HARTFORD AVENUE NORTH AND HIGH STREET (PHASE II)	3	STP	\$4,113,920	\$3,291,136	\$822,784	Construction / Total Project Cost = \$4,579,494 / PM Score = 9 / Design Status = 75%
2020	608764	CENTRAL MASSACHUSETTS	UPTON	UPTON - RECONSTRUCTION OF HARTFORD AVENUE NORTH AND HIGH STREET (PHASE II)	3	TAP	\$465,574	\$372,459	\$93,115	Construction / Total Project Cost = \$4,579,494 / PM Score = 9 / Design Status = 75%
2020	607538	FRANKLIN	COLRAIN	COLRAIN- INTERSECTION IMPROVEMENTS @ MAIN ROAD, JACKSONVILLE ROAD (ROUTE 112) & GREENFIELD ROAD	1	STP	\$1,688,787	\$1,351,030	\$337,757	Construction; total project cost of \$1,563,692 inflated 4% per year to \$1,688,787; TEC score 11.3
2020	606011	FRANKLIN	MULTIPLE	DEERFIELD- WHATELY- RESURFACING & RELATED WORK ON ROUTES 5 & 10, FROM OLD STATE ROAD TO CONWAY ROAD (1.1 MILES)	2	CMAQ	\$634,937	\$507,950	\$126,987	Construction; total project cost of \$2,003,965 inflated 4% per year to \$2,164,282; funded with combination of CMAQ, STP and statewide HSIP; TEC score 10.3
2020	606011	FRANKLIN	MULTIPLE	DEERFIELD- WHATELY- RESURFACING & RELATED WORK ON ROUTES 5 & 10, FROM OLD STATE ROAD TO CONWAY ROAD (1.1 MILES)	2	STP	\$29,345	\$23,476	\$5,869	Construction; total project cost of \$2,003,965 inflated 4% per year to \$2,164,282; funded with combination of CMAQ, STP and statewide HSIP; TEC score 10.3
2020	607245	FRANKLIN	SUNDERLAND	SUNDERLAND- RESURFACING & RELATED WORK ON A SECTION OF NORTH MAIN STREET (ROUTE 47), FROM ROUTE 116 TO CLAYBROOK DRIVE	2	STP	\$2,283,340	\$1,826,672	\$456,668	Construction; total project cost of \$2,114,204 inflated 4% per year to \$2,283,340; TEC score 10.8

2020										
YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2020	607411	MARTHA'S VINEYARD	TISBURY	TISBURY- BIKE & PEDESTRIAN IMPROVEMENTS ALONG BEACH ROAD, FROM THE TERMINATION OF THE EXISTING SHARED USE PATH WESTERLY TO THE FIVE CORNERS INTERSECTION	5	CMAQ	\$707,194	\$565,755	\$141,439	Construction / Total Project Cost = \$4,388,393 (2019 \$4,563,929 including 4% inflation) \$3,179,390 Statewide CMAQ and \$1,384,538 of Martha's Vineyard regional funding / AC YR 2 of 2 / PSAC Score 33.5
2020	602418	MERRIMACK VALLEY	AMESBURY	AMESBURY- RECONSTRUCTION OF ELM STREET	4	STP	\$4,856,190	\$3,884,952	\$971,238	a) Construction; b) \$12,064,000 (inflated 4% from 2018 cost) = \$7,207,810 2019 STP + \$4,856,190 2020 STP; c) AC Year 2 of 2 = \$4,856,190; d) TEC = 5.98 out of 18;
2020	608548	MONTACHUSETT	WINCHENDON	WINCHENDON- IMPROVEMENTS & RELATED WORK ON CENTRAL STREET (ROUTE 202), FROM FRONT STREET TO MAPLE STREET (0.5 MILES)	2	STP	\$2,999,622	\$2,399,698	\$599,924	Construction; Total \$2,777,428; YOE Total \$2,999,622; STP; TEC = 55; Prelim Design; Part of Overall Downtown Improvement Program;
2020	601957	MONTACHUSETT	ASHBURNHAM	ASHBURNHAM- RESURFACING & RELATED WORK ON ROUTE 101	3	STP	\$4,860,000	\$3,888,000	\$972,000	Construction; Total \$4,500,000; YOE Total \$4,860,000; TEC = 44; 25% Design;
2020	607431	MONTACHUSETT	WESTMINSTER	WESTMINSTER- RESURFACING & RELATED WORK ON ROUTE 140, FROM ROUTE 2A TO PATRICIA ROAD	3	STP	\$1,944,000	\$1,555,200	\$388,800	Construction; Total \$1,800,000; YOE Total \$1,944,000; STP; TEC = 25; Prelim Design;
2020	604694	NORTHERN MIDDLESEX	LOWELL	LOWELL- CONNECTOR RECONSTRUCTION, FROM THORNDIKE STREET TO GORHAM STREET	4	HSIP	\$1,014,000	\$912,600	\$101,400	Construction; Total Project Cost 2020 YOE: \$1,014,000 (937,500) HSIP; NMMPO TEC Score = 5.72 out of 18.
2020	605966	NORTHERN MIDDLESEX	LOWELL	LOWELL- RECONSTRUCTION & RELATED WORK ON VFW HIGHWAY	4	STP	\$5,937,291	\$4,749,833	\$1,187,458	Construction; Total Project Cost 2020 YOE: \$6,219,200 (\$5,750,000) TAP, STP, NMMPO TEC Score = 5.5 out of 18.
2020	605966	NORTHERN MIDDLESEX	LOWELL	LOWELL- RECONSTRUCTION & RELATED WORK ON VFW HIGHWAY	4	TAP	\$281,909	\$225,527	\$56,382	Construction; Total Project Cost 2020 YOE: \$6,219,200 (\$5,750,000) TAP, STP, NMMPO TEC Score = 5.5 out of 18.
2020	607217	OLD COLONY	EASTON	EASTON- CORRIDOR IMPROVEMENTS ON DEPOT STREET (ROUTE 123), FROM NEWELL CIRCLE TO WASHINGTON STREET (ROUTE 138)	5	CMAQ	\$1,139,886	\$911,909	\$227,977	a) Construction; b) Total Project Cost = \$7,890,479 w/ \$344,808 of TAP funding, \$1,139,886 of CMAQ funding, and \$6,405,785 of STP funding; d) MPO score 7.00
2020	607217	OLD COLONY	EASTON	EASTON- CORRIDOR IMPROVEMENTS ON DEPOT STREET (ROUTE 123), FROM NEWELL CIRCLE TO WASHINGTON STREET (ROUTE 138)	5	STP	\$6,405,785	\$5,124,628	\$1,281,157	a) Construction; b) Total Project Cost = \$7,890,479 w/ \$344,808 of TAP funding, \$1,139,886 of CMAQ funding, and \$6,405,785 of STP funding; d) MPO score 7.00
2020	607217	OLD COLONY	EASTON	EASTON- CORRIDOR IMPROVEMENTS ON DEPOT STREET (ROUTE 123), FROM NEWELL CIRCLE TO WASHINGTON STREET (ROUTE 138)	5	TAP	\$344,808	\$275,846	\$68,962	a) Construction; b) Total Project Cost = \$7,890,479 w/ \$344,808 of TAP funding, \$1,139,886 of CMAQ funding, and \$6,405,785 of STP funding; d) MPO score 7.00

2020										
YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2020	607773	PIONEER VALLEY	WESTFIELD	WESTFIELD- IMPROVEMENTS & RELATED WORK ON ROUTE 20, COURT STEET & WESTERN AVENUE, LLOYDS HILL ROAD TO HIGH STREET/MILL STREET INTERSECTION (PHASE II)	2	CMAQ	\$500,000	\$400,000	\$100,000	Construction / (YOE \$5,898,533 STP, CMAQ, TAP, STP) / 48.5 TEC / 25% / Westfield is the TAP Proponent
2020	607773	PIONEER VALLEY	WESTFIELD	WESTFIELD- IMPROVEMENTS & RELATED WORK ON ROUTE 20, COURT STEET & WESTERN AVENUE, LLOYDS HILL ROAD TO HIGH STREET/MILL STREET INTERSECTION (PHASE II)	2	HSIP	\$1,080,992	\$972,893	\$108,099	Construction / (YOE \$5,898,533 STP, CMAQ, TAP, STP) / 48.5 TEC / 25% / Westfield is the TAP Proponent
2020	607773	PIONEER VALLEY	WESTFIELD	WESTFIELD- IMPROVEMENTS & RELATED WORK ON ROUTE 20, COURT STEET & WESTERN AVENUE, LLOYDS HILL ROAD TO HIGH STREET/MILL STREET INTERSECTION (PHASE II)	2	STP	\$3,771,903	\$3,017,522	\$754,381	Construction / (YOE \$5,898,533 STP, CMAQ, TAP, STP) / 48.5 TEC / 25% / Westfield is the TAP Proponent
2020	607773	PIONEER VALLEY	WESTFIELD	WESTFIELD- IMPROVEMENTS & RELATED WORK ON ROUTE 20, COURT STEET & WESTERN AVENUE, LLOYDS HILL ROAD TO HIGH STREET/MILL STREET INTERSECTION (PHASE II)	2	TAP	\$545,638	\$436,510	\$109,128	Construction / (YOE \$5,898,533 STP, CMAQ, TAP, STP) / 48.5 TEC / 25% / Westfield is the TAP Proponent
2020	606715	SOUTHEASTERN MASSACHUSETTS	LAKEVILLE	LAKEVILLE- RECONSTRUCTION AND RELATED WORK ON RHODE ISLAND ROAD (ROUTE 79), FROM THE TAUNTON CITY LINE TO CLEAR POND ROAD	5	STP	\$4,523,040	\$3,618,432	\$904,608	a) Construction; b) Total Cost = \$4,523,040 - STP; d) EC Score 20 of 87; i) Status Pre 25%
2020	607572	SOUTHEASTERN MASSACHUSETTS	TAUNTON	TAUNTON- CORRIDOR IMPROVEMENTS & RELATED WORK ON BROADWAY (ROUTE 138), FROM LEONARD STREET NORTHERLY TO PURCHASE STREET (PHASE 1).	5	STP	\$4,950,770	\$3,960,616	\$990,154	a) Construction; b) Total Cost = \$5,443,200 - TAP (\$492,430) / STP (\$4,950,770); d) EC Score 44 of 87; h) Project Proponent - Taunton; i) Status Pre 25%
2020	607572	SOUTHEASTERN MASSACHUSETTS	TAUNTON	TAUNTON- CORRIDOR IMPROVEMENTS & RELATED WORK ON BROADWAY (ROUTE 138), FROM LEONARD STREET NORTHERLY TO PURCHASE STREET (PHASE 1).	5	TAP	\$492,430	\$393,944	\$98,486	a) Construction; b) Total Cost = \$5,443,200 - TAP (\$492,430) / STP (\$4,950,770); d) EC Score 44 of 87; h) Project Proponent - Taunton; i) Status Pre 25%
ROADWAY RECONSTRUCTION PROGRAM SUBTOTAL:							\$147,993,234	\$118,922,954	\$29,070,280	
REGIONALLY PRIORITIZED PROJECTS SUBTOTAL:							\$215,477,372	\$173,037,081	\$42,440,291	
SECTION 1A / REGIONALLY PRIORITIZED PROJECTS TOTAL:							\$215,477,372	\$173,037,081	\$42,440,291	

## SECTION 2A / STATE PRIORITIZED RELIABILITY PROJECTS

Bridge Program / Inspections										
2020	BRI20	STATEWIDE	MULTIPLE	Bridge Inspection	Multi	NHPP	\$13,000,000	\$10,400,000	\$2,600,000	2021-2022 NBIS Program
2020	BRI20	STATEWIDE	MULTIPLE	Bridge Inspection	Multi	STP-BR-OFF	\$4,900,000	\$3,920,000	\$980,000	2021-2022 NBIS Program
BRIDGE PROGRAM / INSPECTIONS SUBTOTAL:							\$17,900,000	\$14,320,000	\$3,580,000	

2020										
YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
Bridge Program / Off System										
2020	608645	BERKSHIRE	NEW MARLBOROUGH	NEW MARLBOROUGH- BRIDGE REPLACEMENT, N-08-006, CAMPBELL FALLS ROAD OVER WHITING RIVER	1	STP-BR-OFF	\$2,934,400	\$2,347,520	\$586,880	Construction
2020	608642	BERKSHIRE	NEW MARLBOROUGH	NEW MARLBOROUGH- BRIDGE REPLACEMENT, N-08-001, NORFOLK ROAD OVER UMPACHENE BROOK	1	STP-BR-OFF	\$4,876,300	\$3,901,040	\$975,260	Construction
2020	608646	BERKSHIRE	TYRINGHAM	TYRINGHAM- BRIDGE REPLACEMENT, T-10-007, MONTEREY ROAD OVER HOP BROOK	1	STP-BR-OFF	\$1,542,000	\$1,233,600	\$308,400	Construction
2020	608633	CENTRAL MASSACHUSETTS	WEST BROOKFIELD	WEST BROOKFIELD- BRIDGE REPLACEMENT, W-19-009, FOSTER HILL ROAD OVER COYS BROOK	2	STP-BR-OFF	\$1,815,000	\$1,452,000	\$363,000	Construction
2020	608638	CENTRAL MASSACHUSETTS	DOUGLAS	DOUGLAS- BRIDGE RECONSTRUCTION/REHABILITATION, D-09-004, CARRYING MANCHAUG STREEET OVER THE MUMFORD RIVER	3	STP-BR-OFF	\$4,707,584	\$3,766,067	\$941,517	Construction
2020	608640	CENTRAL MASSACHUSETTS	SUTTON	SUTTON- BRIDGE RECONSTRUCTION/REHABILITATION, S-33-004, CARRYING DEPOT STREET OVER THE BLACKSTONE RIVER	3	STP-BR-OFF	\$3,360,000	\$2,688,000	\$672,000	Construction
2020	608644	FRANKLIN	CHARLEMONT	CHARLEMONT- BRIDGE REPLACEMENT, C-05-008, TOWER ROAD OVER CHICKLEY RIVER	1	STP-BR-OFF	\$2,692,000	\$2,153,600	\$538,400	Construction; total project cost \$2,692,000
2020	608643	FRANKLIN	CHARLEMONT	CHARLEMONT- BRIDGE REPLACEMENT, C-05-037, WEST OXBOW ROAD OVER WILDER BROOK	1	STP-BR-OFF	\$2,706,000	\$2,164,800	\$541,200	Construction; total project cost \$2,706,000
2020	608639	MONTACHUSETT	WESTMINSTER	WESTMINSTER- BRIDGE REPLACEMENT, W-28-010, CARRYING WHITMANVILLE ROAD OVER THE WHITMAN RIVER	3	STP-BR-OFF	\$2,492,200	\$1,993,760	\$498,440	Construction
2020	608631	PIONEER VALLEY	WESTHAMPTON	WESTHAMPTON- BRIDGE REPLACEMENT, W-27-005, KINGS HIGHWAY OVER N BRANCH MANHAN RIVER	2	STP-BR-OFF	\$3,072,000	\$2,457,600	\$614,400	Construction
BRIDGE PROGRAM / OFF-SYSTEM SUBTOTAL:							\$30,197,484	\$24,157,987	\$6,039,497	
Bridge Program / On System (NHS)										
2020	605342	BOSTON	STOW	STOW- BRIDGE REPLACEMENT, S-29-001, (ST 62) GLEASONDALE ROAD OVER THE ASSABET RIVER	3	NHPP-ON	\$6,706,560	\$5,365,248	\$1,341,312	Construction
2020	608614	BOSTON	BOSTON	BOSTON- BRIDGE PRESERVATION, B-16-179, AUSTIN STREET OVER I-93 RAMPS, MBTA COMMUTER RAIL AND ORANGE LINE	6	NHPP-ON	\$20,606,400	\$16,485,120	\$4,121,280	Construction
2020	604173	BOSTON	BOSTON	BOSTON- BRIDGE REPLACEMENT B-16-016, NORTH WASHINGTON STREET OVER THE BOSTON INNER HARBOR	6	NHPP-ON	\$35,000,000	\$28,000,000	\$7,000,000	Construction / AC Year 4 of 5, Total Cost \$144,066,616
2020	606309	FRANKLIN	ORANGE	ORANGE- BRIDGE REPLACEMENT, O-03-021, ROUTE 2 OVER ROUTE 202	2	NHPP-ON	\$16,471,488	\$13,177,190	\$3,294,298	Construction; total project cost \$16,471,488
2020	605306	MERRIMACK VALLEY	HAVERHILL	HAVERHILL- BRIDGE REPLACEMENT, H-12-039, I-495 (NB & SB) OVER MERRIMACK RIVER	4	NHPP-ON	\$21,000,000	\$16,800,000	\$4,200,000	Construction / AC Year 3 of 4, Total Cost \$79,000,000

2020										
YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2020	608460	PIONEER VALLEY	HADLEY	HADLEY- BRIDGE REPLACEMENT, H-01-005, BAY ROAD (ROUTE 47) OVER THE FORT RIVER	2	NHPP-ON	\$5,857,180	\$4,685,744	\$1,171,436	Construction
2020	400103	PIONEER VALLEY	WESTFIELD	WESTFIELD- BRIDGE REPLACEMENT, W-25-006, ROUTE 10/202 (SOUTHWICK ROAD) OVER THE LITTLE RIVER	2	NHPP-ON	\$13,276,980	\$10,621,584	\$2,655,396	Construction
BRIDGE PROGRAM / ON-SYSTEM (NHS) SUBTOTAL:							\$118,918,608	\$95,134,886	\$23,783,722	
Bridge Program / On System (Non NHS)										
2020	608009	BOSTON	BOXBOROUGH	BOXBOROUGH- BRIDGE REPLACEMENT, B-18-002, ROUTE 111 OVER I-495	3	NHPP-OFF	\$9,147,500	\$7,318,000	\$1,829,500	AC Year 1 of 2, Total Cost \$14,295,000
2020	604189	FRANKLIN	BERNARDSTON	BERNARDSTON- BRIDGE REPLACEMENT, B-10-004, U.S. ROUTE 5 (BRATTLEBORO ROAD) OVER SHATTUCK BROOK	2	NHPP-OFF	\$3,121,200	\$2,496,960	\$624,240	Construction; total project cost \$3,121,200
BRIDGE PROGRAM / ON-SYSTEM (NON-NHS) SUBTOTAL:							\$12,268,700	\$9,814,960	\$2,453,740	
Bridge Program / Systematic Maintenance										
2020	608648	BERKSHIRE	WILLIAMSTOWN	WILLIAMSTOWN- DECK PRESERVATION, W-37-015, ROUTE 2 OVER THE GREEN RIVER	1	NHPP-OFF	\$396,429	\$317,143	\$79,286	Construction
2020	608596	BOSTON	ESSEX	ESSEX- SUPERSTRUCTURE REPLACEMENT, E-11-001 (2TV), ROUTE 133\MAIN STREET OVER ESSEX RIVER	4	NHPP-OFF	\$2,400,000	\$1,920,000	\$480,000	
2020	608589	CENTRAL MASSACHUSETTS	WORCESTER	WORCESTER- CLEAN AND PAINT STRUCTURAL STEEL ON W-44-082	3	NHPP-ON	\$1,190,179	\$952,143	\$238,036	
2020	608550	STATEWIDE	MULTIPLE	DISTRICT 2 - SYSTEMATIC MAINTENANCE AT VARIOUS LOCATIONS	2	NHPP-ON	\$1,600,000	\$1,280,000	\$320,000	
2020	608592	STATEWIDE	MULTIPLE	DISTRICT 5 - BRIDGE PAINTING ALONG THE I-95 CORRIDOR	5	NHPP-ON	\$1,334,000	\$1,067,200	\$266,800	
BRIDGE PROGRAM / SYSTEMATIC MAINTENANCE SUBTOTAL:							\$6,920,608	\$5,536,486	\$1,384,122	
Interstate Pavement										
2020	608208	BOSTON	MULTIPLE	QUINCY- MILTON- BOSTON- INTERSTATE MAINTENANCE & RELATED WORK ON I-93	6	NHPP	\$24,264,576	\$21,838,118	\$2,426,458	Construction / Includes \$540,000 of stormwater improvements
2020	608825	SOUTHEASTERN MASSACHUSETTS	MIDDLEBOROUGH	MIDDLEBOROUGH- PAVEMENT PRESERVATION AND RELATED WORK ON I-495	5	NHPP	\$3,058,560	\$2,752,704	\$305,856	Construction
2020	608203	STATEWIDE	MULTIPLE	MARLBORO- HUDSON- BERLIN- INTERSTATE MAINTENANCE & RELATED WORK ON I-495	3	NHPP	\$14,375,232	\$12,937,709	\$1,437,523	Construction
INTERSTATE PAVEMENT SUBTOTAL:							\$41,698,368	\$37,528,531	\$4,169,837	
Non Interstate Pavement										
2020	608486	BERKSHIRE	WILLIAMSTOWN	WILLIAMSTOWN- RESURFACING AND RELATED WORK ON ROUTE 43	1	NHPP	\$2,982,096	\$2,385,677	\$596,419	Construction

2020										
YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2020	608480	BOSTON	MULTIPLE	FOXBOROUGH- WALPOLE- RESURFACING AND RELATED WORK ON ROUTE 1	5	NHPP	\$8,063,129	\$6,450,503	\$1,612,626	Construction
2020	608482	BOSTON	MULTIPLE	CAMBRIDGE- SOMERVILLE- RESURFACING AND RELATED WORK ON ROUTE 28	6	NHPP	\$7,761,096	\$6,208,877	\$1,552,219	Construction
2020	608484	BOSTON	MULTIPLE	CANTON- MILTON- RESURFACING AND RELATED WORK ON ROUTE 138	6	NHPP	\$15,343,776	\$12,275,021	\$3,068,755	Construction
2020	608473	PIONEER VALLEY	SOUTH HADLEY	SOUTH HADLEY- RESURFACING AND RELATED WORK ON ROUTE 116	2	NHPP	\$2,255,688	\$1,804,550	\$451,138	Construction
2020	608479	SOUTHEASTERN MASSACHUSETTS	MULTIPLE	ATTLEBORO- NORTH ATTLEBORO- RESURFACING AND RELATED WORK ON ROUTE 1	5	NHPP	\$15,805,109	\$12,644,087	\$3,161,022	Construction
2020	608475	STATEWIDE	MULTIPLE	LANCASTER- HARVARD- LITTLETON- RESURFACING AND RELATED WORK ON ROUTE 2	3	NHPP	\$18,160,200	\$14,528,160	\$3,632,040	Construction
2020	608469	STATEWIDE	MULTIPLE	BOURNE- PLYMOUTH- PAVEMENT PRESERVATION AND RELATED WORK ON ROUTE 3	5	NHPP	\$10,912,262	\$8,729,810	\$2,182,452	Construction
NON-INTERSTATE PAVEMENT SUBTOTAL:							\$81,283,356	\$65,026,685	\$16,256,671	
Roadway Improvements										
2020	608598	CAPE COD	ORLEANS	ORLEANS- STORMWATER IMPROVEMENTS ALONG ROUTE 28	5	STP	\$574,938	\$459,950	\$114,988	Construction
2020	608057	CENTRAL MASSACHUSETTS	WORCESTER	WORCESTER- STORMWATER IMPROVEMENTS ALONG I-290 AND 122A	3	STP	\$3,207,816	\$2,566,253	\$641,563	Construction
ROADWAY IMPROVEMENTS SUBTOTAL:							\$3,782,754	\$3,026,203	\$756,551	
Safety Improvements										
2020	608608	BOSTON	BRAINTREE	BRAINTREE- HIGHWAY LIGHTING IMPROVEMENTS AT I-93/ROUTE 3 INTERCHANGE	6	NHPP	\$2,688,726	\$2,150,981	\$537,745	Construction / Total Project Cost \$9,697,229 / AC YR 2 of 2
2020	608611	BOSTON	MULTIPLE	CANTON- MILTON- RANDOLPH- REPLACEMENT AND REHABILITATION OF THE HIGHWAY LIGHTING SYSTEM AT THE ROUTE 24/ROUTE 1/I-93 INTERCHANGE	6	HSIP	\$6,306,164	\$5,675,548	\$630,616	Construction
2020	608611	BOSTON	MULTIPLE	CANTON- MILTON- RANDOLPH- REPLACEMENT AND REHABILITATION OF THE HIGHWAY LIGHTING SYSTEM AT THE ROUTE 24/ROUTE 1/I-93 INTERCHANGE	6	NHPP	\$3,127,906	\$2,815,115	\$312,791	Construction
2020	608573	CENTRAL MASSACHUSETTS	MULTIPLE	UXBRIDGE TO WORCESTER- GUIDE AND TRAFFIC SIGN REPLACEMENT ON A SECTION OF ROUTE 146	3	HSIP	\$1,213,380	\$1,092,042	\$121,338	Construction
2020	608575	PIONEER VALLEY	MULTIPLE	CHICOPEE TO HOLYOKE- GUIDE AND TRAFFIC SIGN REPLACEMENT ON I-391	2	HSIP	\$542,872	\$488,585	\$54,287	Construction
2020	608572	SOUTHEASTERN MASSACHUSETTS	MULTIPLE	DARTMOUTH TO RAYNHAM- GUIDE AND TRAFFIC SIGN REPLACEMENT ON SECTIONS OF I-195 AND I-495	5	HSIP	\$8,139,312	\$7,325,381	\$813,931	Construction
SAFETY IMPROVEMENTS SUBTOTAL:							\$22,018,360	\$19,547,652	\$2,470,708	



2020										
YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
SECTION 2A / STATE PRIORITIZED RELIABILITY PROJECTS TOTAL:							\$334,988,238	\$274,093,390	\$60,894,848	
SECTION 2B / STATE PRIORITIZED MODERNIZATION PROJECTS										
Intelligent Transportation Systems										
2020	608360	STATEWIDE	MULTIPLE	STATEWIDE INTELLIGENT TRANSPORTATION SYSTEMS, YEAR 2020	Multi	NFP	\$12,500,000	\$10,000,000	\$2,500,000	
INTELLIGENT TRANSPORTATION SYSTEMS SUBTOTAL:							\$12,500,000	\$10,000,000	\$2,500,000	
Intersection Improvements										
2020	608562	BOSTON	SOMERVILLE	SOMERVILLE- SIGNAL AND INTERSECTION IMPROVEMENT ON I-93 AT MYSTIC AVENUE AND MCGRATH HIGHWAY (TOP 200 CRASH LOCATION)	4	HSIP	\$2,688,000	\$2,419,200	\$268,800	Construction / PSAC score 68
2020	608564	BOSTON	WATERTOWN	WATERTOWN- INTERSECTION IMPROVEMENTS AT ROUTE 16 AND GALEN STREET	6	HSIP	\$2,688,000	\$2,419,200	\$268,800	Construction / PSAC score 56
2020	606011	FRANKLIN	MULTIPLE	DEERFIELD- WHATELY- RESURFACING & RELATED WORK ON ROUTES 5 & 10, FROM OLD STATE ROAD TO CONWAY ROAD (1.1 MILES)	2	HSIP	\$1,500,000	\$1,350,000	\$150,000	Construction; total project cost of \$2,003,965 inflated 4% per year to \$2,164,282; funded with combination of CMAQ, STP and statewide HSIP; TEC score 10.3
2020	608561	MONTACHUSETT	LEOMINSTER	LEOMINSTER- IMPROVEMENTS AT ROUTE 12 (NORTH MAIN STREET) AT HAMILTON STREET; ROUTE 12 (NORTH MAIN STREET) AT NELSON STREET	3	HSIP	\$2,688,000	\$2,419,200	\$268,800	Construction / PSAC score 53.5
2020	606450	PIONEER VALLEY	HOLYOKE	HOLYOKE- TRAFFIC SIGNAL UPGRADES AT 15 INTERSECTIONS ALONG HIGH & MAPLE STREETS	2	CMAQ	\$4,573,306	\$3,658,645	\$914,661	Construction / PSAC score 60.5
2020	608560	PIONEER VALLEY	SPRINGFIELD	SPRINGFIELD- IMPROVEMENTS ON ST .JAMES AVENUE AT ST JAMES BOULEVARD AND CAREW STREET AT TAPLEY STREET	2	HSIP	\$2,688,000	\$2,419,200	\$268,800	Construction / PSAC score 75.5
2020	608563	SOUTHEASTERN MASSACHUSETTS	SWANSEA	SWANSEA- IMPROVEMENTS ON ROUTE 6 (GRAND ARMY OF THE REPUBLIC HIGHWAY) AT GARDNERS NECK ROAD	5	HSIP	\$2,688,000	\$2,419,200	\$268,800	Construction
INTERSECTION IMPROVEMENTS SUBTOTAL:							\$19,513,306	\$17,104,645	\$2,408,661	
Roadway Reconstruction										
2020	607977	BOSTON	MULTIPLE	HOPKINTON- WESTBOROUGH- RECONSTRUCTION OF I-90/I-495 INTERCHANGE	3	NFP	\$1,000,000	\$800,000	\$200,000	Construction / Total Project Cost = \$270,000,000 / AC YR 1 of 6 / PSAC score 49
2020	608835	BOSTON	MEDFORD	MEDFORD- IMPROVEMENTS AT BROOKS ELEMENTARY SCHOOL (SRTS)	4	TAP	\$1,200,000	\$960,000	\$240,000	Construction / TAP project proponent is Medford
2020	608743	BOSTON	SALEM	SALEM- IMPROVEMENTS AT BATES ELEMENTARY SCHOOL (SRTS)	4	TAP	\$937,500	\$750,000	\$187,500	Construction / TAP project proponent is Salem



2020										
YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2020	608791	BOSTON	WINCHESTER	WINCHESTER- IMPROVEMENTS AT VINSON-OWEN ELEMENTARY SCHOOL (SRTS)	4	TAP	\$1,666,200	\$1,332,960	\$333,240	Construction / TAP project proponent is Winchester
2020	608829	BOSTON	STOUGHTON	STOUGHTON - IMPROVEMENTS AT WEST ELEMENTARY SCHOOL (SRTS)	5	TAP	\$2,226,600	\$1,781,280	\$445,320	Construction / TAP project proponent is Stoughton
2020	602659	CENTRAL MASSACHUSETTS	MULTIPLE	CHARLTON- OXFORD- RECONSTRUCTION ON ROUTE 20, FROM RICHARDSONS CORNER EASTERLY TO ROUTE 12, INCLUDES REHAB OF C-06-023 & REPLACEMENT OF O-06-002	3	NHPP	\$534,426	\$427,541	\$106,885	Construction / Total Project Cost = \$57,426,624 w/ \$11,386,727 of Central Mass regional funding in 2020 and 2021 / AC YR 1 of 4 / PSAC score 49.5
2020	608049	SOUTHEASTERN MASSACHUSETTS	FALL RIVER	FALL RIVER- CORRIDOR IMPROVEMENTS ON ROUTE 79/DAVOL STREET	5	NHPP	\$1,000,000	\$800,000	\$200,000	Construction / Total Project Cost = \$81,290,000 / AC YR 1 of 5 / PSAC score 50.5
ROADWAY RECONSTRUCTION SUBTOTAL:							\$8,564,726	\$6,851,781	\$1,712,945	
SECTION 2B / STATE PRIORITIZED MODERNIZATION PROJECTS TOTAL:							\$40,578,032	\$33,956,426	\$6,621,606	
SECTION 2C / STATE PRIORITIZED EXPANSION PROJECTS										
Bicycles and Pedestrians										
2020	607570	BERKSHIRE	LEE	LEE- BIKEWAY CONSTRUCTION, FROM STOCKBRIDGE T.L. TO WEST PARK STREET (PHASE 1)	1	CMAQ	\$3,758,400	\$3,006,720	\$751,680	Construction / PSAC score 28
2020	607541	MERRIMACK VALLEY	GEORGETOWN	GEORGETOWN- BOXFORD- BORDER TO BOSTON TRAIL, FROM GEORGETOWN ROAD TO WEST MAIN STREET (ROUTE 97)	4	CMAQ	\$1,874,028	\$1,499,222	\$374,806	Construction / PSAC score 31
2020	608193	MONTACHUSETT	MULTIPLE	FITCHBURG- LEOMINSTER- RAIL TRAIL CONSTRUCTION (TWIN CITIES RAIL TRAIL)	3	CMAQ	\$10,344,450	\$8,275,560	\$2,068,890	Construction / Total Project Cost \$18,030,889 / AC YR 2 of 2 / PSAC score 45
2020	607885	NORTHERN MIDDLESEX	LOWELL	LOWELL- PEDESTRIAN WALKWAY & BICYCLE CONNECTION AT PAWTUCKET FALLS OVERLOOK, FROM VANDENBERG ESPLANADE TO SCHOOL STREET	4	CMAQ	\$2,410,560	\$1,928,448	\$482,112	Construction / PSAC score 36
2020	602911	PIONEER VALLEY	CHICOPEE	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	2	CMAQ	\$3,372,552	\$2,698,042	\$674,510	Construction / PSAC score 25.5
2020	607979	SOUTHEASTERN MASSACHUSETTS	MARION	MARION- SHARED USE PATH CONSTRUCTION (PHASE 1), FROM THE MARION-MATTAPOISETT T.L. TO POINT ROAD	5	CMAQ	\$3,240,000	\$2,592,000	\$648,000	Construction / PSAC score 31.5
BICYCLES AND PEDESTRIANS SUBTOTAL:							\$24,999,990	\$19,999,992	\$4,999,998	
SECTION 2C / STATE PRIORITIZED EXPANSION PROJECTS TOTAL:							\$24,999,990	\$19,999,992	\$4,999,998	

## 2020

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
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### SECTION 3 / PLANNING / ADJUSTMENTS / PASS-THROUGHS

#### Planning / Adjustments / Pass throughs

2020	MRTDM 19	STATEWIDE	MULTIPLE	MassRides: Travel Demand Management	Multi	CMAQ	\$3,125,000	\$2,500,000	\$625,000	
2020	ABPGA N	STATEWIDE	MULTIPLE	ABP GANS Repayment	Multi	NHPP	\$103,925,000	\$103,925,000	\$0	
2020	UPWP2 1	STATEWIDE	MULTIPLE	Metropolitan Planning	Multi	PL	\$9,825,026	\$7,860,021	\$1,965,005	
2020	SPR220	STATEWIDE	MULTIPLE	State Planning and Research Work Program II, (SPR II), Research	Multi	RD	\$4,500,000	\$3,600,000	\$900,000	
2020	SRT20	STATEWIDE	MULTIPLE	Recreational Trails	Multi	REC	\$1,483,411	\$1,186,729	\$296,682	
2020	RRC20	STATEWIDE	MULTIPLE	Railroad Crossings	Multi	RRHE	\$1,111,111	\$1,000,000	\$111,111	
2020	RRC20	STATEWIDE	MULTIPLE	Railroad Crossings	Multi	RRPD	\$1,111,111	\$1,000,000	\$111,111	
2020	UPWP2 1	STATEWIDE	MULTIPLE	Metropolitan Planning	Multi	SPR	\$1,012,803	\$810,242	\$202,561	
2020	SPR120	STATEWIDE	MULTIPLE	State Planning and Research Work Program I, (SPR I), Planning	Multi	SPR	\$13,033,371	\$10,426,697	\$2,606,674	
2020	EWO	STATEWIDE	MULTIPLE	Award adjustments, change orders, etc.	Multi	STP	\$31,250,000	\$25,000,000	\$6,250,000	
2020	ABPGA N	STATEWIDE	MULTIPLE	ABP GANS Repayment	Multi	STP-BR-OFF	\$350,000	\$350,000	\$0	
2020	MREDU 19	STATEWIDE	MULTIPLE	MassRides: SRTS Education	Multi	TAP	\$200,000	\$160,000	\$40,000	
<b>PLANNING / ADJUSTMENTS / PASS-THROUGHS SUBTOTAL:</b>							\$170,926,833	\$157,818,689	\$13,108,144	
<b>SECTION 3 / PLANNING / ADJUSTMENTS / PASS-THROUGHS TOTAL:</b>							\$170,926,833	\$157,818,689	\$13,108,144	

### SECTION 4 / NON FEDERALLY AIDED PROJECTS

#### Non Federally Aided Projects

2020	607977	BOSTON	MULTIPLE	HOPKINTON- WESTBOROUGH- RECONSTRUCTION OF I-90/I-495 INTERCHANGE	3	NFA	\$18,112,483	\$0	\$18,112,483	Construction / Total Project Cost = \$270,000,000 / AC YR 1 of 6 / PSAC score 49
<b>NON-FEDERALLY AIDED PROJECTS SUBTOTAL:</b>							\$18,112,483	\$0	\$18,112,483	
<b>SECTION 4 / NON-FEDERALLY AIDED PROJECTS TOTAL:</b>							\$18,112,483	\$0	\$18,112,483	

2020										
YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non- Federal Funds	Additional Information
TOTAL		YEAR 2020					\$805,082,948	\$658,905,578	\$146,177,370	

2021										
YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
SECTION 1A / REGIONALLY PRIORITIZED PROJECTS										
Regionally Prioritized Projects										
Bicycles and pedestrians program										
2021	608142	MARTHA'S VINEYARD	OAK BLUFFS	OAK BLUFFS- CONSTRUCTION OF A SHARED USE PATH ALONG BEACH ROAD, FROM THE LAGOON POND BRIDGE NORTHERLY TO THE EASTVILLE AVENUE/COUNTY ROAD INTERSECTION	5	CMAQ	\$723,561	\$578,849	\$144,712	Construction / Total Project Cost = \$2,240,448 w/ \$1,448,906 from Martha's Vineyard regional funding / AC YR 1 of 2 / PSAC Score 29.5
BICYCLES AND PEDESTRIANS PROGRAM SUBTOTAL:							\$723,561	\$578,849	\$144,712	
Bridge Program										
2021	604996	BOSTON	WOBURN	WOBURN- BRIDGE REPLACEMENT, W-43-017, NEW BOSTON STREET OVER MBTA	4	STP	\$17,026,434	\$13,621,147	\$3,405,287	Construction; Total Cost = \$17,026,434; MPO Evaluation Score = 55
BRIDGE PROGRAM SUBTOTAL:							\$17,026,434	\$13,621,147	\$3,405,287	
Capacity program										
2021	605032	PIONEER VALLEY	HADLEY	HADLEY- RECONSTRUCTION ON ROUTE 9, FROM MIDDLE STREET TO MAPLE/SOUTH MAPLE STREET	2	NHPP	\$10,292,397	\$8,233,918	\$2,058,479	Construction / (YOE \$24,840,000) (\$5,742,834 in FFY 2020) \$19,097,166 in FFY2021 CMAQ, STP. TAP Fund AC Year 2 or 2 / 50 TEC / Pre 25% / Hadley is the TAP Proponent
2021	605032	PIONEER VALLEY	HADLEY	HADLEY- RECONSTRUCTION ON ROUTE 9, FROM MIDDLE STREET TO MAPLE/SOUTH MAPLE STREET	2	STP	\$8,259,131	\$6,607,305	\$1,651,826	Construction / (YOE \$24,840,000) (\$5,742,834 in FFY 2020) \$19,097,166 in FFY2021 CMAQ, STP. TAP Fund AC Year 2 or 2 / 50 TEC / Pre 25% / Hadley is the TAP Proponent
2021	605032	PIONEER VALLEY	HADLEY	HADLEY- RECONSTRUCTION ON ROUTE 9, FROM MIDDLE STREET TO MAPLE/SOUTH MAPLE STREET	2	TAP	\$545,638	\$436,510	\$109,128	Construction / (YOE \$24,840,000) (\$5,742,834 in FFY 2020) \$19,097,166 in FFY2021 CMAQ, STP. TAP Fund AC Year 2 or 2 / 50 TEC / Pre 25% / Hadley is the TAP Proponent
CAPACITY PROGRAM SUBTOTAL:							\$19,097,166	\$15,277,733	\$3,819,433	
Intersection improvements program										
2021	606130	BOSTON	NORWOOD	NORWOOD- INTERSECTION IMPROVEMENTS @ ROUTE 1A & UPLAND ROAD/WASHINGTON STREET & PROSPECT STREET/FULTON STREET	5	CMAQ	\$1,000,000	\$800,000	\$200,000	Construction; CMAQ+STP Total Cost = \$3,668,437; MPO Evaluation Score = 53
2021	606130	BOSTON	NORWOOD	NORWOOD- INTERSECTION IMPROVEMENTS @ ROUTE 1A & UPLAND ROAD/WASHINGTON STREET & PROSPECT STREET/FULTON STREET	5	STP	\$2,668,437	\$2,134,750	\$533,687	Construction; CMAQ+STP Total Cost = \$3,668,437; MPO Evaluation Score = 53

2021										
YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2021	607502	PIONEER VALLEY	NORTHAMPTON	NORTHAMPTON- INTERSECTION IMPROVEMENTS AT KING STREET, NORTH STREET & SUMMER STREET AND AT KING STREET & FINN STREET	2	CMAQ	\$1,240,000	\$992,000	\$248,000	Construction / (YOE \$3,854,765 STP, CMAQ) / 65 TEC / 25%
2021	607502	PIONEER VALLEY	NORTHAMPTON	NORTHAMPTON- INTERSECTION IMPROVEMENTS AT KING STREET, NORTH STREET & SUMMER STREET AND AT KING STREET & FINN STREET	2	STP	\$2,614,765	\$2,091,812	\$522,953	Construction / (YOE \$3,854,765 STP, CMAQ) / 65 TEC / 25%
2021	608536	SOUTHEASTERN MASSACHUSETTS	NEW BEDFORD	NEW BEDFORD- INTERSECTION IMPROVEMENTS AND RELATED WORK AT ROCKDALE AVENUE AND ALLEN STREET	5	STP	\$1,562,012	\$1,249,610	\$312,402	a) Construction; b) Total Cost = \$1,562,012 STP; d) EC Score 35 of 87; i) Status Pre 25%;
INTERSECTION IMPROVEMENTS PROGRAM SUBTOTAL:							\$9,085,214	\$7,268,172	\$1,817,042	
Non-interstate DOT pavement program										
2021	608297	NORTHERN MIDDLESEX	TEWKSBURY	TEWKSBURY- RESURFACING AND SIDEWALK RECONSTRUCTION ON ROUTE 38 BEGINNING AT COLONIAL DRIVE NORTH TO THE INTERSECTION OF OLD BOSTON ROAD APPROXIMATELY 1.5 MILES.	4	NHPP	\$4,442,520	\$3,554,016	\$888,504	Construction; Total Project Cost at FFY 2021 YOE: \$4,724,429 (\$4,200,000) TAP, STP; NMMPO TEC Score = 5.00 out of 18.
2021	608297	NORTHERN MIDDLESEX	TEWKSBURY	TEWKSBURY- RESURFACING AND SIDEWALK RECONSTRUCTION ON ROUTE 38 BEGINNING AT COLONIAL DRIVE NORTH TO THE INTERSECTION OF OLD BOSTON ROAD APPROXIMATELY 1.5 MILES.	4	TAP	\$281,909	\$225,527	\$56,382	Construction; Total Project Cost at FFY 2021 YOE: \$4,724,429 (\$4,200,000) TAP, STP; NMMPO TEC Score = 5.00 out of 18.
2021	608267	SOUTHEASTERN MASSACHUSETTS	RAYNHAM	RAYNHAM- RESURFACING AND RELATED WORK ON ROUTE 138	5	STP	\$5,376,000	\$4,300,800	\$1,075,200	a) Construction; b) Total Cost = \$5,376,000 STP; d) EC Score 8 of 87; i) Status Pre 25%
NON-INTERSTATE DOT PAVEMENT PROGRAM SUBTOTAL:							\$10,100,429	\$8,080,343	\$2,020,086	
Planning / Adjustments / Pass-throughs										
2021	608347	BOSTON	BEVERLY	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	4	CMAQ	\$1,020,271	\$816,217	\$204,054	Construction; HSIP+CMAQ Total Cost = \$3,360,000; MPO Evaluation Score = 63
2021	608347	BOSTON	BEVERLY	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	4	HSIP	\$2,339,729	\$2,105,756	\$233,973	Construction; HSIP+CMAQ Total Cost = \$3,360,000; MPO Evaluation Score = 63
2021	1570	BOSTON	MULTIPLE	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	6	CMAQ	\$29,700,000	\$23,760,000	\$5,940,000	Construction; STP+CMAQ+Section 5309 (Transit) Total MPO Contribution = \$190,000,000; AC Yr 6 of 6; funding flexed to FTA; match provided by local contributions

2021										
YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2021	BN0009	BOSTON	MULTIPLE	COMMUNITY TRANSPORTATION PROGRAM	NA	CMAQ	\$1,000,000	\$800,000	\$200,000	Planning, Design, or Construction; Set Aside for LRTP Clean Air and Mobility Program
2021	CC2000	CAPE COD	MULTIPLE	CAPE COD - BICYCLE RACK PROGRAM	5	CMAQ	\$100,000	\$80,000	\$20,000	Construction; Total project cost = \$100,000; MPO score = 52; CMAQ approved; Funds to be applied for by municipalities.
PLANNING / ADJUSTMENTS / PASS-THROUGHS SUBTOTAL:							\$34,160,000	\$27,561,973	\$6,598,027	
Roadway reconstruction program										
2021	606406	BERKSHIRE	MULTIPLE	HINSDALE- PERU- RECONSTRUCTION OF SKYLINE TRAIL (MIDDLEFIELD ROAD)	1	STP	\$7,145,600	\$5,716,480	\$1,429,120	STP; Total Cost = 7,145,600; MPO evaluation score 2 of 8; Design Status: <25%; YOE = 12%
2021	608228	BOSTON	FRAMINGHAM	FRAMINGHAM- RECONSTRUCTION OF UNION AVENUE, FROM PROCTOR STREET TO MAIN STREET	3	HSIP	\$1,509,587	\$1,358,628	\$150,959	Construction; STP+HSIP+TAP Total Cost = \$10,304,881; MPO Evaluation Score = 58
2021	608228	BOSTON	FRAMINGHAM	FRAMINGHAM- RECONSTRUCTION OF UNION AVENUE, FROM PROCTOR STREET TO MAIN STREET	3	STP	\$7,788,903	\$6,231,122	\$1,557,781	Construction; STP+HSIP+TAP Total Cost = \$10,304,881; MPO Evaluation Score = 58
2021	608228	BOSTON	FRAMINGHAM	FRAMINGHAM- RECONSTRUCTION OF UNION AVENUE, FROM PROCTOR STREET TO MAIN STREET	3	TAP	\$1,006,391	\$805,113	\$201,278	Construction; STP+HSIP+TAP Total Cost = \$10,304,881; MPO Evaluation Score = 58; TAP project proponent = Framingham
2021	606501	BOSTON	HOLBROOK	HOLBROOK- RECONSTRUCTION OF UNION STREET (ROUTE 139), FROM LINFIELD STREET TO CENTRE STREET/WATER STREET	5	STP	\$1,074,542	\$859,634	\$214,908	Construction; TAP+STP+Earmark Total Cost = \$2,890,880; MPO Evaluation Score = 45
2021	606501	BOSTON	HOLBROOK	HOLBROOK- RECONSTRUCTION OF UNION STREET (ROUTE 139), FROM LINFIELD STREET TO CENTRE STREET/WATER STREET	5	TAP	\$289,088	\$231,270	\$57,818	Construction; TAP+STP+Earmark Total Cost = \$2,890,880; MPO Evaluation Score = 45; TAP project proponent = Holbrook
2021	601607	BOSTON	HULL	HULL- RECONSTRUCTION OF ATLANTIC AVENUE AND RELATED WORK FROM NANTASKET AVENUE TO COHASSET TOWN LINE	5	STP	\$6,693,980	\$5,355,184	\$1,338,796	Construction; Total Cost = \$6,693,980; MPO Evaluation Score = 44
2021	606226	BOSTON	BOSTON	BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE	6	NHPP	\$11,207,439	\$8,965,951	\$2,241,488	Construction; TAP+STP Total Cost = \$152,000,000; AC Yr 2 of 5; Total funding in this TIP = \$76,626,515; TAP project proponent = Boston
2021	606226	BOSTON	BOSTON	BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE	6	STP	\$14,050,761	\$11,240,609	\$2,810,152	Construction; TAP+STP Total Cost = \$152,000,000; AC Yr 2 of 5; Total funding in this TIP = \$76,626,515
2021	606226	BOSTON	BOSTON	BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE	6	TAP	\$1,922,546	\$1,538,037	\$384,509	Construction; TAP+STP Total Cost = \$152,000,000; AC Yr 2 of 5; Total funding in this TIP = \$76,626,515; TAP project proponent = Boston

2021										
YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2021	607405	CAPE COD	CHATHAM	CHATHAM- INTERSECTION IMPROVEMENTS & RELATED WORK AT MAIN STREET (ROUTE 28), DEPOT ROAD, QUEEN ANNE ROAD AND CROWELL ROAD	5	STP	\$2,784,000	\$2,227,200	\$556,800	Construction; Total programmed with 12% inflation applied = \$2,784,0000; MPO score = 76.
2021	607319	CAPE COD	MASHPEE	MASHPEE- CORRIDOR IMPROVEMENTS & RELATED WORK ON NATHAN ELLIS HIGHWAY (ROUTE 151), FROM MASHPEE ROTARY TO FALMOUTH T.L.	5	CMAQ	\$1,046,285	\$837,028	\$209,257	Construction; Total project cost = \$9,240,112 with 8% inflation (2020 STP + 2021 STP + 2021 HSIP + 2021 CMAQ + 2021 TAP); MPO score = 80; AC Year 2 of 2; Municipality is TAP proponent; RSA conducted; CMAQ analysis to be completed
2021	607319	CAPE COD	MASHPEE	MASHPEE- CORRIDOR IMPROVEMENTS & RELATED WORK ON NATHAN ELLIS HIGHWAY (ROUTE 151), FROM MASHPEE ROTARY TO FALMOUTH T.L.	5	HSIP	\$416,376	\$374,738	\$41,638	Construction; Total project cost = \$9,240,112 with 8% inflation (2020 STP + 2021 STP + 2021 NHPP + 2021 HSIP + 2021 CMAQ + 2021 TAP); MPO score = 80; AC Year 2 of 2; Municipality is TAP proponent; RSA conducted; CMAQ analysis to be completed
2021	607319	CAPE COD	MASHPEE	MASHPEE- CORRIDOR IMPROVEMENTS & RELATED WORK ON NATHAN ELLIS HIGHWAY (ROUTE 151), FROM MASHPEE ROTARY TO FALMOUTH T.L.	5	NHPP	\$3,980,411	\$3,184,329	\$796,082	Construction; Total project cost = \$9,240,112 with 8% inflation (2020 STP + 2021 STP + 2021 NHPP + 2021 HSIP + 2021 CMAQ + 2021 TAP); MPO score = 80; AC Year 2 of 2; Municipality is TAP proponent; RSA conducted; CMAQ analysis to be completed
2021	607319	CAPE COD	MASHPEE	MASHPEE- CORRIDOR IMPROVEMENTS & RELATED WORK ON NATHAN ELLIS HIGHWAY (ROUTE 151), FROM MASHPEE ROTARY TO FALMOUTH T.L.	5	STP	\$1,428,981	\$1,143,185	\$285,796	Construction; Total project cost = \$9,240,112 with 8% inflation (2020 STP + 2021 STP + 2021 NHPP + 2021 HSIP + 2021 CMAQ + 2021 TAP); MPO score = 80; AC Year 2 of 2; Municipality is TAP proponent; RSA conducted; CMAQ analysis to be completed
2021	607319	CAPE COD	MASHPEE	MASHPEE- CORRIDOR IMPROVEMENTS & RELATED WORK ON NATHAN ELLIS HIGHWAY (ROUTE 151), FROM MASHPEE ROTARY TO FALMOUTH T.L.	5	TAP	\$253,215	\$202,572	\$50,643	Construction; Total project cost = \$9,240,112 with 8% inflation (2020 STP + 2021 STP + 2021 NHPP + 2021 HSIP + 2021 CMAQ + 2021 TAP); MPO score = 80; AC Year 2 of 2; Municipality is TAP proponent; RSA conducted; CMAQ analysis to be completed
2021	605035	CENTRAL MASSACHUSETTS	NEW BRAINTREE	NEW BRAINTREE- RECONSTRUCTION & IMPROVEMENTS ON RAVINE ROAD AND HARDWICK ROAD FROM HARDWICK T.L. TO ROUTE 67 (BARRE RD) (2.6 MILES)	2	STP	\$2,636,536	\$2,109,229	\$527,307	Construction / Total Project Cost = \$2,636,536 / PM Score = 7 / Design Status = 25%
2021	607733	CENTRAL MASSACHUSETTS	AUBURN	AUBURN- REHABILITATION OF AUBURN STREET, FROM WALSH AVENUE TO MILLBURY STREET	3	HSIP	\$455,170	\$409,653	\$45,517	Construction / HSIP + STP + TAP Total Project Cost = \$2,362,214 / PM Score = 15 / Design Status = Pre 25%

2021										
YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2021	607733	CENTRAL MASSACHUSETTS	AUBURN	AUBURN- REHABILITATION OF AUBURN STREET, FROM WALSH AVENUE TO MILLBURY STREET	3	STP	\$1,493,201	\$1,194,561	\$298,640	Construction / HSIP + STP Total Project Cost = \$2,362,214 / PM Score = 15 / Design Status = Pre 25%
2021	607733	CENTRAL MASSACHUSETTS	AUBURN	AUBURN- REHABILITATION OF AUBURN STREET, FROM WALSH AVENUE TO MILLBURY STREET	3	TAP	\$465,574	\$372,459	\$93,115	Construction / HSIP + STP + TAP Total Project Cost = \$2,362,214 / PM Score = 15 / Design Status = Pre 25%
2021	607903	CENTRAL MASSACHUSETTS	GRAFTON	GRAFTON- RECLAMATION ON ROUTE 122A (MAIN STREET), FROM PROVIDENCE ROAD TO SUTTON T.L.	3	STP	\$7,874,048	\$6,299,238	\$1,574,810	Construction / Total Project Cost = \$7,874,048 / PM Score = 11 / Design Status = Pre 25%
2021	602659	CENTRAL MASSACHUSETTS	MULTIPLE	CHARLTON- OXFORD- RECONSTRUCTION ON ROUTE 20, FROM RICHARDSON'S CORNER EASTERLY TO ROUTE 12, INCLUDES REHAB OF C-06-023 & REPLACEMENT OF O-06-002	3	CMAQ	\$2,172,533	\$1,738,026	\$434,507	Construction / Total Project Cost = \$57,426,624 w/ \$11,386,727 of Central Mass regional funding in 2020 and 2021 / AC YR 2 of 4 / PSAC score 49.5
2021	602659	CENTRAL MASSACHUSETTS	MULTIPLE	CHARLTON- OXFORD- RECONSTRUCTION ON ROUTE 20, FROM RICHARDSON'S CORNER EASTERLY TO ROUTE 12, INCLUDES REHAB OF C-06-023 & REPLACEMENT OF O-06-002	3	STP	\$3,214,194	\$2,571,355	\$642,839	Construction / Total Project Cost = \$57,426,624 w/ \$11,386,727 of Central Mass regional funding in 2020 and 2021 / AC YR 2 of 4 / PSAC score 49.5
2021	606463	FRANKLIN	BUCKLAND	BUCKLAND- RECONSTRUCTION & MINOR WIDENING ON CONWAY STREET, SOUTH STREET & CONWAY ROAD	1	STP	\$5,779,200	\$4,623,360	\$1,155,840	Construction; total project cost of \$5,160,000 inflated 4% per year to \$5,779,200; TEC score 9.1
2021	605753	MERRIMACK VALLEY	GROVELAND	GROVELAND- RECONSTRUCTION ON ROUTE 97 (SCHOOL STREET) FROM PARKER STREET TO GARDNER STREET	4	STP	\$4,049,510	\$3,239,608	\$809,902	a) Construction; b) \$4,049,510 (inflated 12% from 2018 cost) = \$4,049,510 STP; d) TEC = 4.90 out of 18;
2021	608095	MERRIMACK VALLEY	NORTH ANDOVER	NORTH ANDOVER- CORRIDOR IMPROVEMENTS ON ROUTE 114, BETWEEN ROUTE 125 (ANDOVER STREET) & STOP & SHOP DRIVEWAY	4	CMAQ	\$1,107,389	\$885,911	\$221,478	a) Construction; b) \$16,816,717 (inflated 12% from 2018 cost) = \$1,107,389 2021 CMAQ + \$4,389,060 2021 STP + \$442,956 2021 HSIP + \$351,000 2021 TAP + \$1,107,389 2022 CMAQ + \$8,566,584 2022 STP + \$442,956 2022 HSIP + \$351,000 2022 TAP + \$58,383 FY 2023; c)
2021	608095	MERRIMACK VALLEY	NORTH ANDOVER	NORTH ANDOVER- CORRIDOR IMPROVEMENTS ON ROUTE 114, BETWEEN ROUTE 125 (ANDOVER STREET) & STOP & SHOP DRIVEWAY	4	HSIP	\$442,956	\$398,660	\$44,296	a) Construction; b) \$16,816,717 (inflated 12% from 2018 cost) = \$1,107,389 2021 CMAQ + \$4,389,060 2021 STP + \$442,956 2021 HSIP + \$351,000 2021 TAP + \$1,107,389 2022 CMAQ + \$8,566,584 2022 STP + \$442,956 2022 HSIP + \$351,000 2022 TAP + \$58,383 FY 2023; c)



## 2021

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2021	608095	MERRIMACK VALLEY	NORTH ANDOVER	NORTH ANDOVER- CORRIDOR IMPROVEMENTS ON ROUTE 114, BETWEEN ROUTE 125 (ANDOVER STREET) & STOP & SHOP DRIVEWAY	4	STP	\$4,389,060	\$3,511,248	\$877,812	a) Construction; b) \$16,816,717 (inflated 12% from 2018 cost) = \$1,107,389 2021 CMAQ + \$4,389,060 2021 STP + \$442,956 2021 HSIP + \$351,000 2021 TAP + \$1,107,389 2022 CMAQ + \$8,566,584 2022 STP + \$442,956 2022 HSIP + \$351,000 2022 TAP + \$58,383 FY 2023; c)
2021	608095	MERRIMACK VALLEY	NORTH ANDOVER	NORTH ANDOVER- CORRIDOR IMPROVEMENTS ON ROUTE 114, BETWEEN ROUTE 125 (ANDOVER STREET) & STOP & SHOP DRIVEWAY	4	TAP	\$351,000	\$280,800	\$70,200	a) Construction; b) \$16,816,717 (inflated 12% from 2018 cost) = \$1,107,389 2021 CMAQ + \$4,389,060 2021 STP + \$442,956 2021 HSIP + \$351,000 2021 TAP + \$1,107,389 2022 CMAQ + \$8,566,584 2022 STP + \$442,956 2022 HSIP + \$351,000 2022 TAP + \$58,383 FY 2023; c)
2021	604499	MONTACHUSETT	LEOMINSTER	LEOMINSTER- RECONSTRUCTION/ REHABILITATION ON ROUTE 12 (CENTRAL STREET), INCLUDING REHABILITATION OF L-08-022	3	CMAQ	\$2,300,543	\$1,840,434	\$460,109	Construction; Total \$8,350,150; YOE Cost \$9,352,168; HSIP/CMAQ/TAP/STP; TEC = 37; TAP Proponent State/Leominster; Contract to ScopeGiven NTP; CMAQ Benefit TBD; Prelim Design;
2021	604499	MONTACHUSETT	LEOMINSTER	LEOMINSTER- RECONSTRUCTION/ REHABILITATION ON ROUTE 12 (CENTRAL STREET), INCLUDING REHABILITATION OF L-08-022	3	HSIP	\$445,955	\$401,360	\$44,596	Construction; Total \$8,350,150; YOE Cost \$9,352,168; HSIP/CMAQ/TAP/STP; TEC = 37; TAP Proponent State/Leominster; Contract to ScopeGiven NTP; CMAQ Benefit TBD; Prelim Design;
2021	604499	MONTACHUSETT	LEOMINSTER	LEOMINSTER- RECONSTRUCTION/ REHABILITATION ON ROUTE 12 (CENTRAL STREET), INCLUDING REHABILITATION OF L-08-022	3	STP	\$6,168,170	\$4,934,536	\$1,233,634	Construction; Total \$8,350,150; YOE Cost \$9,352,168; HSIP/CMAQ/TAP/STP; TEC = 37; TAP Proponent State/Leominster; Contract to ScopeGiven NTP; CMAQ Benefit TBD; Prelim Design;
2021	604499	MONTACHUSETT	LEOMINSTER	LEOMINSTER- RECONSTRUCTION/ REHABILITATION ON ROUTE 12 (CENTRAL STREET), INCLUDING REHABILITATION OF L-08-022	3	TAP	\$437,500	\$350,000	\$87,500	Construction; Total \$8,350,150; YOE Cost \$9,352,168; HSIP/CMAQ/TAP/STP; TEC = 37; TAP Proponent State/Leominster; Contract to ScopeGiven NTP; CMAQ Benefit TBD; Prelim Design;
2021	608344	NORTHERN MIDDLESEX	CHELMSFORD	CHELMSFORD- INTERSECTION IMPROVEMENTS AT ROUTE 129 AND RIVERNECK ROAD	4	CMAQ	\$977,402	\$781,922	\$195,480	Construction; Total Project Cost at FFY 2021 YOE: \$3,428,585 (\$3,048,000) CMAQ, STP; NMMPO TEC Score = 6.65 out of 18.

2021										
YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2021	608344	NORTHERN MIDDLESEX	CHELMSFORD	CHELMSFORD- INTERSECTION IMPROVEMENTS AT ROUTE 129 AND RIVERNECK ROAD	4	STP	\$2,451,183	\$1,960,946	\$490,237	Construction; Total Project Cost at FFY 2021 YOY: \$3,428,585 (\$3,048,000) CMAQ, STP; NMMPO TEC Score = 6.65 out of 18.
2021	606143	OLD COLONY	BROCKTON	BROCKTON- INTERSECTION IMPROVEMENTS @ CRESCENT STREET (ROUTE 27)/QUINCY STREET/MASSASOIT BOULEVARD	5	CMAQ	\$1,139,886	\$911,909	\$227,977	a) Construction; b) Total Project Cost = \$4,271,388 w/ \$1,139,886 of CMAQ funding, and \$3,131,502 of STP funding; d) MPO score 8.25
2021	606143	OLD COLONY	BROCKTON	BROCKTON- INTERSECTION IMPROVEMENTS @ CRESCENT STREET (ROUTE 27)/QUINCY STREET/MASSASOIT BOULEVARD	5	STP	\$3,131,502	\$2,505,202	\$626,300	a) Construction; b) Total Project Cost = \$4,271,388 w/ \$1,139,886 of CMAQ funding, and \$3,131,502 of STP funding; d) MPO score 8.25
2021	607403	OLD COLONY	STOUGHTON	STOUGHTON- CORRIDOR IMPROVEMENTS ON ROUTE 138 FROM LINCOLN STREET TO CENTRAL STREET, INCLUDING INTERSECTION IMPROVEMENTS ROUTE 138 (WASHINGTON STREET) & CENTRAL STREET	5	HSIP	\$455,954	\$410,359	\$45,595	a) Construction; b) Total Project Cost = \$5,040,000 w/ \$455,954 of HSIP funding, \$344,808 of TAP funding, and \$4,239,238 of STP funding; d) MPO score 9.32
2021	607403	OLD COLONY	STOUGHTON	STOUGHTON- CORRIDOR IMPROVEMENTS ON ROUTE 138 FROM LINCOLN STREET TO CENTRAL STREET, INCLUDING INTERSECTION IMPROVEMENTS ROUTE 138 (WASHINGTON STREET) & CENTRAL STREET	5	STP	\$4,239,238	\$3,391,390	\$847,848	a) Construction; b) Total Project Cost = \$5,040,000 w/ \$455,954 of HSIP funding, \$344,808 of TAP funding, and \$4,239,238 of STP funding; d) MPO score 9.32
2021	607403	OLD COLONY	STOUGHTON	STOUGHTON- CORRIDOR IMPROVEMENTS ON ROUTE 138 FROM LINCOLN STREET TO CENTRAL STREET, INCLUDING INTERSECTION IMPROVEMENTS ROUTE 138 (WASHINGTON STREET) & CENTRAL STREET	5	TAP	\$344,808	\$275,846	\$68,962	a) Construction; b) Total Project Cost = \$5,040,000 w/ \$455,954 of HSIP funding, \$344,808 of TAP funding, and \$4,239,238 of STP funding; d) MPO score 9.32
2021	608577	PIONEER VALLEY	EASTHAMPTON	EASTHAMPTON- IMPROVEMENTS AND RELATED WORK ON UNION STREET (ROUTE 141) FROM PAYSON AVENUE TO HIGH STREET (0.36 MILES)	2	CMAQ	\$1,462,480	\$1,169,984	\$292,496	Construction / (YOY \$2,281,664 STP, CMAQ) / 62 TEC / Pre 25%
2021	608577	PIONEER VALLEY	EASTHAMPTON	EASTHAMPTON- IMPROVEMENTS AND RELATED WORK ON UNION STREET (ROUTE 141) FROM PAYSON AVENUE TO HIGH STREET (0.36 MILES)	2	STP	\$819,184	\$655,347	\$163,837	Construction / (YOY \$2,281,664 STP, CMAQ) / 62 TEC / Pre 25%
2021	608586	SOUTHEASTERN MASSACHUSETTS	DARTMOUTH	DARTMOUTH- CORRIDOR IMPROVEMENTS ON DARTMOUTH STREET AND PROSPECT STREET	5	STP	\$4,166,124	\$3,332,899	\$833,225	a) Construction; b) Total Cost = \$4,166,124 STP; d) EC Score 30 of 87; i) Status Pre 25%
2021	607440	SOUTHEASTERN MASSACHUSETTS	MATTAPOISETT	MATTAPOISETT- CORRIDOR IMPROVEMENTS AND RELATED WORK ON MAIN STREET, WATER STREET, BEACON STREET AND MARION ROAD.	5	STP	\$3,707,570	\$2,966,056	\$741,514	a) Construction; b) Total Cost = \$4,200,000 - TAP (\$492,430) / STP (\$3,707,570; d) EC Score 12 of 87; h) Project Proponent - Mattapoisett; i) Status Pre 25%
2021	607440	SOUTHEASTERN MASSACHUSETTS	MATTAPOISETT	MATTAPOISETT- CORRIDOR IMPROVEMENTS AND RELATED WORK ON MAIN STREET, WATER STREET, BEACON STREET AND MARION ROAD.	5	TAP	\$492,430	\$393,944	\$98,486	a) Construction; b) Total Cost = \$4,200,000 - TAP (\$492,430) / STP (\$3,707,570; d) EC Score 12 of 87; h) Project Proponent - Mattapoisett; i) Status Pre 25%

## 2021

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2021	606024	SOUTHEASTERN MASSACHUSETTS	TAUNTON	TAUNTON- RECONSTRUCTION OF ROUTE 44 (DEAN STREET), FROM ARLINGTON STREET TO ROUTE 104 (SOUTH MAIN STREET)	5	CMAQ	\$2,240,026	\$1,792,021	\$448,005	a) Construction; b) Total Cost = \$5,376,000 - HSIP (\$896,010) / CMAQ (\$2,240,026) / STP (\$2,239,964); d) EC Score 46 of 87; i) Status Pre 25%; Anticipating CMAQ Eligibility
2021	606024	SOUTHEASTERN MASSACHUSETTS	TAUNTON	TAUNTON- RECONSTRUCTION OF ROUTE 44 (DEAN STREET), FROM ARLINGTON STREET TO ROUTE 104 (SOUTH MAIN STREET)	5	HSIP	\$896,010	\$806,409	\$89,601	a) Construction; b) Total Cost = \$5,376,000 - HSIP (\$896,010) / CMAQ (\$2,240,026) / STP (\$2,239,964); d) EC Score 46 of 87; i) Status Pre 25%; Anticipating CMAQ Eligibility
2021	606024	SOUTHEASTERN MASSACHUSETTS	TAUNTON	TAUNTON- RECONSTRUCTION OF ROUTE 44 (DEAN STREET), FROM ARLINGTON STREET TO ROUTE 104 (SOUTH MAIN STREET)	5	STP	\$2,239,964	\$1,791,971	\$447,993	a) Construction; b) Total Cost = \$5,376,000 - HSIP (\$896,010) / CMAQ (\$2,240,026) / STP (\$2,239,964); d) EC Score 46 of 87; i) Status Pre 25%; Anticipating CMAQ Eligibility

**ROADWAY RECONSTRUCTION PROGRAM SUBTOTAL:** \$135,144,405 \$108,577,723 \$26,566,683

**REGIONALLY PRIORITIZED PROJECTS SUBTOTAL:** \$225,337,209 \$180,965,940 \$44,371,270

**SECTION 1A / REGIONALLY PRIORITIZED PROJECTS TOTAL:** \$225,337,209 \$180,965,940 \$44,371,270

## SECTION 1B / EARMARK OR DISCRETIONARY GRANT FUNDED PROJECTS

### Other Federal Aid

2021	606501	BOSTON	HOLBROOK	HOLBROOK- RECONSTRUCTION OF UNION STREET (ROUTE 139), FROM LINFIELD STREET TO CENTRE STREET/WATER STREET	5	HPP	\$1,527,250	\$1,221,800	\$305,450	Demo ID MA177
2021	606226	BOSTON	BOSTON	BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE	6	HPP	\$126,970	\$101,576	\$25,394	Demo ID MA183
2021	606226	BOSTON	BOSTON	BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE	6	HPP	\$8,451,960	\$6,761,568	\$1,690,392	Demo ID MA210

**OTHER FEDERAL AID SUBTOTAL:** \$10,106,180 \$8,084,944 \$2,021,236

**SECTION 1B / EARMARK OR DISCRETIONARY GRANT FUNDED PROJECTS TOTAL:** \$10,106,180 \$8,084,944 \$2,021,236

## SECTION 2A / STATE PRIORITIZED RELIABILITY PROJECTS

### Bridge Program / Off System

2021	608636	BERKSHIRE	LENOX	LENOX- BRIDGE REPLACEMENT, L-07-006, ROARING BROOK ROAD OVER ROARING BROOK	1	STP-BR-OFF	\$1,084,160	\$867,328	\$216,832	Construction
2021	608854	BERKSHIRE	PITTSFIELD	PITTSFIELD - BRIDGE REPLACEMENT, P-10-034, MILL STREET OVER W. BR. HOUSATONIC RIVER	1	STP-BR-OFF	\$1,715,504	\$1,372,403	\$343,101	Construction

2021										
YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2021	608647	BERKSHIRE	SAVOY	SAVOY- BRIDGE REPLACEMENT, S-06-003, CENTER ROAD OVER CENTER BROOK	1	STP-BR-OFF	\$785,680	\$628,544	\$157,136	Construction
2021	608637	BOSTON	MAYNARD	MAYNARD- BRIDGE REPLACEMENT, M-10-006, CARRYING FLORIDA ROAD OVER THE ASSABET RIVER	3	STP-BR-OFF	\$1,589,840	\$1,271,872	\$317,968	Construction
2021	608617	CAPE COD	HARWICH	HARWICH- BRIDGE REPLACEMENT, H-10-019, AZALEA DRIVE OVER HERRING RIVER	5	STP-BR-OFF	\$1,007,776	\$806,221	\$201,555	Construction
2021	608634	FRANKLIN	DEERFIELD	DEERFIELD- BRIDGE PRESERVATION D-06-001, UPPER ROAD OVER DEERFIELD RIVER	2	STP-BR-OFF	\$7,337,344	\$5,869,875	\$1,467,469	Construction; total project cost \$7,337,344
2021	608635	MONTACHUSETT	SHIRLEY	SHIRLEY- BRIDGE REPLACEMENT, S-13-005, CARRYING LONGLEY ROAD OVER THE MULPUS BROOK	3	STP-BR-OFF	\$1,704,080	\$1,363,264	\$340,816	Construction
2021	608615	OLD COLONY	KINGSTON	KINGSTON- BRIDGE REPLACEMENT, K-01-014, SMITHS LANE OVER ROUTE 3 (PILGRIM HIGHWAY)	5	STP-BR-OFF	\$12,347,440	\$9,877,952	\$2,469,488	a) Construction
2021	608619	SOUTHEASTERN MASSACHUSETTS	FALL RIVER	FALL RIVER- BRIDGE REPLACEMENT, F-02-019, WEAVER STREET OVER MASSACHUSETTS COASTAL RAILROAD	5	STP-BR-OFF	\$5,165,552	\$4,132,442	\$1,033,110	Construction
2021	603796	SOUTHEASTERN MASSACHUSETTS	MANSFIELD	MANSFIELD- BRIDGE REPLACEMENT, M-03-003 & M-03-045, BALCOM STREET OVER THE WADING RIVER	5	STP-BR-OFF	\$860,160	\$688,128	\$172,032	Construction
2021	608618	SOUTHEASTERN MASSACHUSETTS	REHOBOTH	REHOBOTH- BRIDGE REPLACEMENT, R-04-004, REED STREET OVER PALMER RIVER	5	STP-BR-OFF	\$1,366,400	\$1,093,120	\$273,280	Construction
2021	608616	SOUTHEASTERN MASSACHUSETTS	TAUNTON	TAUNTON- BRIDGE REPLACEMENT, T-01-024, SCADDING STREET OVER SNAKE RIVER.	5	STP-BR-OFF	\$1,055,600	\$844,480	\$211,120	Construction
BRIDGE PROGRAM / OFF-SYSTEM SUBTOTAL:							\$36,019,536	\$28,815,629	\$7,203,907	
Bridge Program / On System (NHS)										
2021	605843	BERKSHIRE	NORTH ADAMS	NORTH ADAMS- BRIDGE REPLACEMENT, N-14-016, ROUTE 2 OVER THE HOOSIC RIVER	1	NHPP-ON	\$18,315,704	\$14,652,563	\$3,663,141	Construction
2021	607327	BOSTON	WILMINGTON	WILMINGTON- BRIDGE REPLACEMENT, W-38-002, ROUTE 38 (MAIN STREET) OVER THE B&M RAILROAD	4	NHPP-ON	\$10,760,960	\$8,608,768	\$2,152,192	Construction
2021	608703	BOSTON	WILMINGTON	WILMINGTON- BRIDGE REPLACEMENT, W-38-029 (2KV), ST 129 LOWELL STREET OVER I 93	4	NHPP-ON	\$16,546,880	\$13,237,504	\$3,309,376	Construction
2021	604173	BOSTON	BOSTON	BOSTON- BRIDGE REPLACEMENT B-16-016, NORTH WASHINGTON STREET OVER THE BOSTON INNER HARBOR	6	NHPP-ON	\$18,666,616	\$14,933,293	\$3,733,323	Construction / AC Year 5 of 5, Total Cost \$144,066,616
2021	606548	FRANKLIN	GREENFIELD	GREENFIELD- BRIDGE REPLACEMENT, G-12-052 (0XR) & G-12-053 (0XT), I-91 (NB & SB) OVER BMRR	2	NHPP-ON	\$17,082,074	\$13,665,659	\$3,416,415	Construction; total project cost \$17,082,074
2021	605306	MERRIMACK VALLEY	HAVERHILL	HAVERHILL- BRIDGE REPLACEMENT, H-12-039, I-495 (NB & SB) OVER MERRIMACK RIVER	4	NHPP-ON	\$5,400,000	\$4,320,000	\$1,080,000	AC Year 4 of 4, Total Cost \$79,000,000
2021	608189	MONTACHUSETT	FITCHBURG	FITCHBURG- BRIDGE REPLACEMENT, F-04-018, WATER STREET (ROUTE 12) OVER NORTH NASHUA RIVER	3	NHPP-ON	\$21,643,216	\$17,314,573	\$4,328,643	Construction

2021										
YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
BRIDGE PROGRAM / ON-SYSTEM (NHS) SUBTOTAL:							\$108,415,450	\$86,732,360	\$21,683,090	
Bridge Program / On System (Non NHS)										
2021	608009	BOSTON	BOXBOROUGH	BOXBOROUGH- BRIDGE REPLACEMENT, B-18-002, ROUTE 111 OVER I-495	3	NHPP-OFF	\$5,147,500	\$4,118,000	\$1,029,500	Construction / AC Year 2 of 2, Total Cost \$14,295,000
2021	608596	BOSTON	ESSEX	ESSEX- SUPERSTRUCTURE REPLACEMENT, E-11-001 (2TV), ROUTE 133\MAIN STREET OVER ESSEX RIVER	4	NHPP-OFF	\$4,028,000	\$3,222,400	\$805,600	Construction
2021	608522	BOSTON	MIDDLETON	MIDDLETON- BRIDGE REPLACEMENT, M-20-003, ROUTE 62 (MAPLE STREET) OVER IPSWICH RIVER	4	NHPP-OFF	\$3,933,440	\$3,146,752	\$786,688	Construction
BRIDGE PROGRAM / ON-SYSTEM (NON-NHS) SUBTOTAL:							\$13,108,940	\$10,487,152	\$2,621,788	
Bridge Program / Systematic Maintenance										
2021	608551	STATEWIDE	MULTIPLE	DISTRICT2 - SYTEMATIC MAINTENANCE AT VARIOUS LOCATIONS	2	NHPP-ON	\$1,538,000	\$1,230,400	\$307,600	
2021	608590	STATEWIDE	MULTIPLE	CLEAN AND PAINT STRUCTURAL STEEL BRIDGES ON I-190 AND I-290	3	NHPP-ON	\$1,282,000	\$1,025,600	\$256,400	
2021	608593	STATEWIDE	MULTIPLE	DISTRICT 5 - BRIDGE PAINTING ALONG THE I-195 CORRIDOR	5	NHPP-ON	\$1,282,000	\$1,025,600	\$256,400	
BRIDGE PROGRAM / SYSTEMATIC MAINTENANCE SUBTOTAL:							\$4,102,000	\$3,281,600	\$820,400	
Interstate Pavement										
2021	608827	SOUTHEASTERN MASSACHUSETTS	MULTIPLE	NORTH ATTLEBOROUGH- ATTLEBORO- INTERSTATE MAINTENANCE AND RELATED WORK ON I-295	5	NHPP	\$10,118,170	\$9,106,353	\$1,011,817	Construction
2021	608378	STATEWIDE	MULTIPLE	DANVERS- TOPSFIELD- BOXFORD- ROWLEY- INTERSTATE MAINTENANCE AND RELATED WORK ON I-95	4	NHPP	\$17,299,744	\$15,569,770	\$1,729,974	Construction / Includes \$582,400 of stormwater improvements
INTERSTATE PAVEMENT SUBTOTAL:							\$27,417,914	\$24,676,123	\$2,741,791	
Non Interstate Pavement										
2021	608485	BERKSHIRE	MULTIPLE	LANESBOROUGH- PITTSFIELD- RESURFACING AND RELATED WORK ON ROUTE 8 FROM MM 44.43 TO MM 47.77	1	NHPP	\$4,652,032	\$3,721,626	\$930,406	Construction
2021	608495	BOSTON	MULTIPLE	CONCORD- LEXINGTON- LINCOLN- RESURFACING AND RELATED WORK ON ROUTE 2A	4	NHPP	\$3,171,840	\$2,537,472	\$634,368	Construction
2021	608493	BOSTON	TOPSFIELD	TOPSFIELD- RESURFACING AND RELATED WORK ON ROUTE 1	4	NHPP	\$9,119,040	\$7,295,232	\$1,823,808	Construction
2021	608498	BOSTON	MULTIPLE	HINGHAM- WEMOUTH- BRAINTREE- RESURFACING AND RELATED WORK ON ROUTE 53	5	NHPP	\$7,929,600	\$6,343,680	\$1,585,920	Construction
2021	608491	CENTRAL MASSACHUSETTS	MULTIPLE	UXBRIDGE- MENDON- RESURFACING AND RELATED WORK ON ROUTE 16	3	NHPP	\$5,124,504	\$4,099,603	\$1,024,901	Construction

2021										
YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2021	608490	CENTRAL MASSACHUSETTS	MULTIPLE	UPTON- GRAFTON- RESURFACING AND RELATED WORK ON ROUTE 140	3	NHPP	\$9,376,752	\$7,501,402	\$1,875,350	Construction
2021	608494	MERRIMACK VALLEY	MULTIPLE	NEWBURY- NEWBURYPORT- SALISBURY- RESURFACING AND RELATED WORK ON ROUTE 1	4	NHPP	\$11,854,752	\$9,483,802	\$2,370,950	Construction
2021	608487	PIONEER VALLEY	WESTFIELD	WESTFIELD- RESURFACING AND RELATED WORK ON ROUTE 10 AND 202	2	NHPP	\$2,775,360	\$2,220,288	\$555,072	Construction
2021	608489	PIONEER VALLEY	WILBRAHAM	WILBRAHAM- RESURFACING AND RELATED WORK ON ROUTE 20	2	NHPP	\$9,086,000	\$7,268,800	\$1,817,200	Construction
2021	608481	SOUTHEASTERN MASSACHUSETTS	SEEKONK	SEEKONK- RESURFACING AND RELATED WORK ON ROUTE 44	5	NHPP	\$4,440,576	\$3,552,461	\$888,115	Construction
NON-INTERSTATE PAVEMENT SUBTOTAL:							\$67,530,456	\$54,024,366	\$13,506,090	
Roadway Improvements										
2021	608597	SOUTHEASTERN MASSACHUSETTS	ATTLEBORO	ATTLEBORO- STORMWATER IMPROVEMENTS ALONG INTERSTATE 95	5	STP	\$3,433,080	\$2,746,464	\$686,616	Construction
ROADWAY IMPROVEMENTS SUBTOTAL:							\$3,433,080	\$2,746,464	\$686,616	
Safety Improvements										
2021	608620	STATEWIDE	MULTIPLE	ANDOVER- TEWKSBURY- HIGHWAY LIGHTING SYSTEM REHABILITATION AND REPAIR AT THE INTERCHANGE OF INTERSTATE ROUTES 93 AND 495	4	NHPP	\$5,152,000	\$4,121,600	\$1,030,400	Construction / Total Project Cost = \$10,672,000 / AC YR 1 of 2
2021	608574	STATEWIDE	MULTIPLE	BURLINGTON TO TYNGSBOROUGH- GUIDE AND TRAFFIC SIGN REPLACEMENT ON A SECTION OF US 3	4	NHPP	\$8,352,098	\$6,681,678	\$1,670,420	Construction
2021	608584	STATEWIDE	MULTIPLE	STATEWIDE-VARIOUS SAFETY STRATEGIES TO ADDRESS SHSP - TO BE DETERMINED (2021)	Multi	HSIP	\$5,794,056	\$5,214,650	\$579,406	Construction
SAFETY IMPROVEMENTS SUBTOTAL:							\$19,298,154	\$16,017,928	\$3,280,226	
SECTION 2A / STATE PRIORITIZED RELIABILITY PROJECTS TOTAL:							\$279,325,530	\$226,781,622	\$52,543,908	
SECTION 2B / STATE PRIORITIZED MODERNIZATION PROJECTS										
ADA Retrofits										
2021	608605	STATEWIDE	MULTIPLE	DISTRICT 4 - ADA RETROFITS AT VARIOUS LOCATIONS	4	STP	\$705,600	\$564,480	\$141,120	Construction
2021	608606	STATEWIDE	MULTIPLE	DISTRICT 5 - ADA RETROFITS AT VARIOUS LOCATIONS	5	STP	\$940,800	\$752,640	\$188,160	Construction
ADA RETROFITS SUBTOTAL:							\$1,646,400	\$1,317,120	\$329,280	

2021										
YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
Intelligent Transportation Systems										
2021	608631	STATEWIDE	MULTIPLE	STATEWIDE INTELLIGENT TRANSPORTATION SYSTEMS, YEAR 2021	Multi	NHPP	\$10,000,000	\$8,000,000	\$2,000,000	
INTELLIGENT TRANSPORTATION SYSTEMS SUBTOTAL:							\$10,000,000	\$8,000,000	\$2,000,000	
Intersection Improvements										
2021	608566	BOSTON	MARLBOROUGH	MARLBOROUGH- IMPROVEMENTS AT ROUTE 20 (EAST MAIN STREET) AT CURTIS AVENUE	3	HSIP	\$2,784,000	\$2,505,600	\$278,400	Construction / PSAC score 51.5
2021	608567	BOSTON	PEABODY	PEABODY- IMPROVEMENTS AT ROUTE 114 AT SYLVAN STREET, CROSS STREET, NORTHSHORE MALL, LORIS ROAD, ROUTE 128 INTERCHANGE AND ESQUIRE DRIVE	4	HSIP	\$2,784,000	\$2,505,600	\$278,400	Construction / PSAC score 61.5
2021	607342	BOSTON	MILTON	MILTON- INTERSECTION & SIGNAL IMPROVEMENTS @ ROUTE 28 (RANDOLPH AVENUE) & CHICKATAWBUT ROAD	6	HSIP	\$1,531,200	\$1,378,080	\$153,120	Construction / PSAC score 43
2021	608569	BOSTON	QUINCY	QUINCY- INTERSECTION IMPROVEMENTS AT ROUTE 3A (SOUTHERN ARTERY) AND BROAD STREET	6	HSIP	\$2,784,000	\$2,505,600	\$278,400	Construction / PSAC score 55
2021	608568	CAPE COD	YARMOUTH	YARMOUTH- IMPROVEMENTS AT MAIN STREET (ROUTE 28) AT NORTH MAIN STREET AT OLD MAIN STREET	5	HSIP	\$2,784,000	\$2,505,600	\$278,400	Construction; MPO Score 76; PSAC score 54
2021	608565	STATEWIDE	MULTIPLE	DISTRICT 2 - TOP 200 CRASH LOCATION SAFETY IMPROVEMENTS (2021)	2	HSIP	\$2,784,000	\$2,505,600	\$278,400	Construction
2021	608584	STATEWIDE	MULTIPLE	STATEWIDE-VARIOUS SAFETY STRATEGIES TO ADDRESS SHSP - TO BE DETERMINED (2021)	Multi	HSIP	\$3,021,022	\$2,718,920	\$302,102	Construction
INTERSECTION IMPROVEMENTS SUBTOTAL:							\$18,472,222	\$16,625,000	\$1,847,222	
Roadway Reconstruction										
2021	607977	BOSTON	MULTIPLE	HOPKINTON- WESTBOROUGH- RECONSTRUCTION OF I-90/I-495 INTERCHANGE	3	NFP	\$37,500,000	\$30,000,000	\$7,500,000	Construction / Total Project Cost = \$270,000,000 / AC YR 2 of 6 / PSAC score 49
2021	607901	BOSTON	DEDHAM	DEDHAM- PEDESTRIAN IMPROVEMENTS ALONG ELM STREET & RUSTCRAFT ROAD CORRIDORS	6	CMAQ	\$2,581,113	\$2,064,890	\$516,223	Construction / PSAC score 51.25
2021	602659	CENTRAL MASSACHUSETTS	MULTIPLE	CHARLTON- OXFORD- RECONSTRUCTION ON ROUTE 20, FROM RICHARDSON'S CORNER EASTERLY TO ROUTE 12, INCLUDES REHAB OF C-06-023 & REPLACEMENT OF O-06-002	3	NHPP	\$10,400,000	\$8,320,000	\$2,080,000	Construction / Total Project Cost = \$57,426,624 w/ \$11,386,727 of Central Mass regional funding in 2020 and 2021 / AC YR 2 of 4 / PSAC score 49.5
2021	608049	SOUTHEASTERN MASSACHUSETTS	FALL RIVER	FALL RIVER- CORRIDOR IMPROVEMENTS ON ROUTE 79/DAVOL STREET	5	STP	\$26,366,906	\$21,093,525	\$5,273,381	Construction / Total Project Cost = \$81,290,000 / AC YR 2 of 5 / PSAC score 50.5

2021										
YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2021	608049	SOUTHEASTERN MASSACHUSETTS	FALL RIVER	FALL RIVER- CORRIDOR IMPROVEMENTS ON ROUTE 79/DAVOL STREET	5	TAP	\$2,335,335	\$1,868,268	\$467,067	Construction / Total Project Cost = \$81,290,000 / AC YR 2 of 5 / PSAC score 50.5
ROADWAY RECONSTRUCTION SUBTOTAL:							\$79,183,354	\$63,346,683	\$15,836,671	
SECTION 2B / STATE PRIORITIZED MODERNIZATION PROJECTS TOTAL:							\$109,301,976	\$89,288,803	\$20,013,173	
SECTION 2C / STATE PRIORITIZED EXPANSION PROJECTS										
Bicycles and Pedestrians										
2021	607329	BOSTON	MULTIPLE	WAKEFIELD- LYNNFIELD- RAIL TRAIL EXTENSION, FROM THE GALVIN MIDDLE SCHOOL TO LYNNFIELD/PEABODY T.L.	4	CMAQ	\$7,084,000	\$5,667,200	\$1,416,800	Construction / PSAC score 32.5
2021	607588	FRANKLIN	NORTHFIELD	NORTHFIELD- CONSTRUCT BIKE/PED BRIDGE TO REPLACE N-22-002, SCHELL BRIDGE OVER THE CONNECTICUT RIVER	2	CMAQ	\$13,221,534	\$10,577,227	\$2,644,307	Construction / PSAC score 36 / Total Cost \$18,034,116 / AC YR 1 of 2
2021	608142	MARTHA'S VINEYARD	OAK BLUFFS	OAK BLUFFS- CONSTRUCTION OF A SHARED USE PATH ALONG BEACH ROAD, FROM THE LAGOON POND BRIDGE NORTHERLY TO THE EASTVILLE AVENUE/COUNTY ROAD INTERSECTION	5	CMAQ	\$791,542	\$633,234	\$158,308	Construction / Total Project Cost = \$2,240,448 w/ \$1,448,906 from Martha's Vineyard regional funding / AC YR 1 of 2 / PSAC Score 29.5
2021	607542	MERRIMACK VALLEY	MULTIPLE	GEORGETOWN- NEWBURY- BORDER TO BOSTON TRAIL (NORTHERN GEORGETOWN TO BYFIELD SECTION)	4	CMAQ	\$4,341,120	\$3,472,896	\$868,224	Construction / PSAC score 28.5
2021	602912	PIONEER VALLEY	CHICOPEE	CHICOPEE- CHICOPEE RIVER RIVERWALK MULTI-USE PATH CONSTRUCTION, FROM GRAPE STREET TO FRONT STREET (NEAR ELLERTON STREET) (1 MILE)	2	CMAQ	\$2,273,910	\$1,819,128	\$454,782	Construction / PSAC score 29
2021	608157	PIONEER VALLEY	SPRINGFIELD	SPRINGFIELD- MCKNIGHT COMMUNITY TRAIL CONSTRUCTION, FROM ARMORY STREET TO HAYDEN AVENUE (1.5 MILES)	2	CMAQ	\$3,968,300	\$3,174,640	\$793,660	Construction / PSAC score 30.5
2021	607822	SOUTHEASTERN MASSACHUSETTS	MULTIPLE	NORTON- MANSFIELD- RAIL TRAIL EXTENSION (WORLD WAR II VETERANS TRAIL)	5	CMAQ	\$3,456,432	\$2,765,146	\$691,286	Construction / PSAC score 24
BICYCLES AND PEDESTRIANS SUBTOTAL:							\$35,136,838	\$28,109,471	\$7,027,367	
SECTION 2C / STATE PRIORITIZED EXPANSION PROJECTS TOTAL:							\$35,136,838	\$28,109,471	\$7,027,367	
SECTION 3 / PLANNING / ADJUSTMENTS / PASS-THROUGHS										
Planning / Adjustments / Pass throughs										
2021	MRTDM 19	STATEWIDE	MULTIPLE	MassRides: Travel Demand Management	Multi	CMAQ	\$3,125,000	\$2,500,000	\$625,000	
2021	ABPGA N	STATEWIDE	MULTIPLE	ABP GANS Repayment	Multi	NHPP	\$107,350,000	\$107,350,000	\$0	



2021										
YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2021	UPWP2 2	STATEWIDE	MULTIPLE	Metropolitan Planning	Multi	PL	\$9,825,026	\$7,860,021	\$1,965,005	
2021	SPR221	STATEWIDE	MULTIPLE	State Planning and Research Work Program II, (SPR II), Research	Multi	RD	\$4,500,000	\$3,600,000	\$900,000	
2021	SRT21	STATEWIDE	MULTIPLE	Recreational Trails	Multi	REC	\$1,483,411	\$1,186,729	\$296,682	
2021	RRC21	STATEWIDE	MULTIPLE	Railroad Crossings	Multi	RRHE	\$1,111,111	\$1,000,000	\$111,111	
2021	RRC21	STATEWIDE	MULTIPLE	Railroad Crossings	Multi	RRPD	\$1,111,111	\$1,000,000	\$111,111	
2021	UPWP2 2	STATEWIDE	MULTIPLE	Metropolitan Planning	Multi	SPR	\$1,012,803	\$810,242	\$202,561	
2021	SPR121	STATEWIDE	MULTIPLE	State Planning and Research Work Program I, (SPR I), Planning	Multi	SPR	\$13,033,371	\$10,426,697	\$2,606,674	
2021	EWO	STATEWIDE	MULTIPLE	Award adjustments, change orders, etc.	Multi	STP	\$25,000,000	\$20,000,000	\$5,000,000	
2021	ABPGAN	STATEWIDE	MULTIPLE	ABP GANS Repayment	Multi	STP-BR-OFF	\$350,000	\$350,000	\$0	
2021	MREDU 19	STATEWIDE	MULTIPLE	MassRides: SRTS Education	Multi	TAP	\$200,000	\$160,000	\$40,000	
PLANNING / ADJUSTMENTS / PASS-THROUGHS SUBTOTAL:							\$168,101,833	\$156,243,689	\$11,858,144	
SECTION 3 / PLANNING / ADJUSTMENTS / PASS-THROUGHS TOTAL:							\$168,101,833	\$156,243,689	\$11,858,144	
SECTION 4 / NON FEDERALLY AIDED PROJECTS										
Non Federally Aided Projects										
2021	607977	BOSTON	MULTIPLE	HOPKINTON- WESTBOROUGH- RECONSTRUCTION OF I-90/I-495 INTERCHANGE	3	NFA	\$18,112,483	\$0	\$18,112,483	Construction / Total Project Cost = \$270,000,000 / AC YR 2 of 6 / PSAC score 49
NON-FEDERALLY AIDED PROJECTS SUBTOTAL:							\$18,112,483	\$0	\$18,112,483	
SECTION 4 / NON-FEDERALLY AIDED PROJECTS TOTAL:							\$18,112,483	\$0	\$18,112,483	
TOTAL							\$845,422,049	\$689,474,469	\$155,947,581	
YEAR 2021										

2022										
YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
SECTION 1A / REGIONALLY PRIORITIZED PROJECTS										
Regionally Prioritized Projects										
Bicycles and pedestrians program										
2022	608164	BOSTON	SUDBURY	SUDBURY- BIKE PATH CONSTRUCTION (BRUCE FREEMAN RAIL TRAIL)	3	CMAQ	\$7,504,000	\$6,003,200	\$1,500,800	Construction; CMAQ+TAP Total Cost = \$8,004,000; MPO Evaluation Score = 40
2022	608164	BOSTON	SUDBURY	SUDBURY- BIKE PATH CONSTRUCTION (BRUCE FREEMAN RAIL TRAIL)	3	TAP	\$500,000	\$400,000	\$100,000	Construction; CMAQ+TAP+STP Total Cost = \$8,004,000; MPO Evaluation Score = 40; TAP project proponent = Sudbury
2022	607738	BOSTON	BEDFORD	BEDFORD- MINUTEMAN BIKEWAY EXTENSION, FROM LOOMIS STREET TO THE CONCORD T.L.	4	CMAQ	\$7,512,878	\$6,010,302	\$1,502,576	Construction; CMAQ+TAP Total Cost = \$7,862,878; MPO Evaluation Score = 47
2022	607738	BOSTON	BEDFORD	BEDFORD- MINUTEMAN BIKEWAY EXTENSION, FROM LOOMIS STREET TO THE CONCORD T.L.	4	TAP	\$350,000	\$280,000	\$70,000	Construction; CMAQ+TAP+STP Total Cost = \$7,862,878; MPO Evaluation Score = 47; TAP project proponent = Bedford
2022	608142	MARTHA'S VINEYARD	OAK BLUFFS	OAK BLUFFS- CONSTRUCTION OF A SHARED USE PATH ALONG BEACH ROAD, FROM THE LAGOON POND BRIDGE NORTHERLY TO THE EASTVILLE AVENUE/COUNTY ROAD INTERSECTION	5	CMAQ	\$732,519	\$586,015	\$146,504	Construction / Total Project Cost = \$2,240,448 w/ \$1,448,906 from Martha's Vineyard regional funding / AC YR 2 of 2 / PSAC Score 29.5
2022	607825	SOUTHEASTERN MASSACHUSETTS	WAREHAM	WAREHAM- CONSTRUCTION OF BIKE LANES ALONG NARROWS ROAD AND A SHARED USE PATH ADJACENT TO MINOT AVENUE INCLUDING RELATED WORK	5	CMAQ	\$5,220,000	\$4,176,000	\$1,044,000	a) Construction; b) Total Cost = \$5,220,000 CMAQ; d) EC Score 35 of 87; h) Project Proponent - Wareham; i) Status Pre 25%; Anticipating CMAQ Eligibility
BICYCLES AND PEDESTRIANS PROGRAM SUBTOTAL:							\$21,819,397	\$17,455,517	\$4,363,880	
Bridge Program										
2022	608830	NORTHERN MIDDLESEX	WESTFORD	WESTFORD- BRIDGE REHABILITATION BEAVER BROOK ROAD OVER BEAVER BROOK (W-26-014)	3	STP	\$1,895,171	\$1,516,137	\$379,034	Construction, Total Project Cost at FFY 2022 YOE \$1,895,171 (\$1,620,000) STP
BRIDGE PROGRAM SUBTOTAL:							\$1,895,171	\$1,516,137	\$379,034	
Intersection improvements program										
2022	605857	BOSTON	NORWOOD	NORWOOD- INTERSECTION IMPROVEMENTS @ ROUTE 1 & UNIVERSITY AVENUE/EVERETT STREET	5	CMAQ	\$3,000,000	\$2,400,000	\$600,000	Construction; HSIP+CMAQ+STP Total Cost = \$9,377,782; MPO Evaluation Score = 55
2022	605857	BOSTON	NORWOOD	NORWOOD- INTERSECTION IMPROVEMENTS @ ROUTE 1 & UNIVERSITY AVENUE/EVERETT STREET	5	HSIP	\$631,724	\$568,552	\$63,172	Construction; HSIP+CMAQ+STP Total Cost = \$9,377,782; MPO Evaluation Score = 55

2022										
YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2022	605857	BOSTON	NORWOOD	NORWOOD- INTERSECTION IMPROVEMENTS @ ROUTE 1 & UNIVERSITY AVENUE/EVERETT STREET	5	NHPP	\$2,873,029	\$2,298,423	\$574,606	Construction; HSIP+CMAQ+STP Total Cost = \$9,377,782; MPO Evaluation Score = 55
2022	605857	BOSTON	NORWOOD	NORWOOD- INTERSECTION IMPROVEMENTS @ ROUTE 1 & UNIVERSITY AVENUE/EVERETT STREET	5	STP	\$2,873,029	\$2,298,423	\$574,606	Construction; HSIP+CMAQ+STP Total Cost = \$9,377,782; MPO Evaluation Score = 55
2022	608433	CENTRAL MASSACHUSETTS	WEBSTER	WEBSTER- INTERSECTION IMPROVEMENTS AT I-395 RAMPS (EXIT 2) AT ROUTE 16 (EAST MAIN STREET) AND SUTTON ROAD	3	CMAQ	\$1,615,119	\$1,292,095	\$323,024	Construction / CMAQ + SW HSIP Total Project Cost = \$5,568,000 w/ Central Mass MPO funding at \$2,818,000 / PM Score = 19 / Design Status = Pre 25%
2022	608433	CENTRAL MASSACHUSETTS	WEBSTER	WEBSTER- INTERSECTION IMPROVEMENTS AT I-395 RAMPS (EXIT 2) AT ROUTE 16 (EAST MAIN STREET) AND SUTTON ROAD	3	STP	\$1,202,881	\$962,305	\$240,576	Construction / CMAQ + SW HSIP Total Project Cost = \$5,568,000 w/ Central Mass MPO funding at \$2,818,000 / PM Score = 19 / Design Status = Pre 25%
2022	608414	FRANKLIN	GREENFIELD	GREENFIELD- INTERSECTION IMPROVEMENTS AT TWO LOCATIONS, ROUTE 2 AND COLRAIN ROAD & ROUTE 2 AND BIG Y ENTRANCE	2	HSIP	\$253,975	\$228,578	\$25,398	Construction; total project cost of \$1,986,280 inflated 4% per year to \$2,304,085; funded with combination of HSIP & STP; TEC score 9.2
2022	608414	FRANKLIN	GREENFIELD	GREENFIELD- INTERSECTION IMPROVEMENTS AT TWO LOCATIONS, ROUTE 2 AND COLRAIN ROAD & ROUTE 2 AND BIG Y ENTRANCE	2	STP	\$2,050,110	\$1,640,088	\$410,022	Construction; total project cost of \$1,986,280 inflated 4% per year to \$2,304,085; funded with combination of HSIP & STP; TEC score 9.2
2022	608375	NORTHERN MIDDLESEX	CHELMSFORD	CHELMSFORD- INTERSECTION IMPROVEMENTS AT BOSTON ROAD AND CONCORD ROAD	4	STP	\$2,295,259	\$1,836,207	\$459,052	Construction; Total Project Cost at FFY 2022 YOY: \$2,295,259 (\$1,961,997), STP; NMMPO TEC Score = 5.02 out of 18.
2022	608279	OLD COLONY	STOUGHTON	STOUGHTON- INTERSECTION IMPROVEMENTS AND RELATED WORK AT CENTRAL STREET, CANTON STREET AND TOSCA DRIVE	5	CMAQ	\$388,285	\$310,628	\$77,657	a) Construction; b) Total Project Cost = \$2,668,000 w/ \$2,279,715 of STP funding, and \$388,285 of CMAQ funding; d) MPO score 7.78
2022	608279	OLD COLONY	STOUGHTON	STOUGHTON- INTERSECTION IMPROVEMENTS AND RELATED WORK AT CENTRAL STREET, CANTON STREET AND TOSCA DRIVE	5	STP	\$2,279,715	\$1,823,772	\$455,943	a) Construction; b) Total Project Cost = \$2,668,000 w/ \$2,279,715 of STP funding, and \$388,285 of CMAQ funding; d) MPO score 7.78
2022	606895	PIONEER VALLEY	GRANBY	GRANBY- IMPROVEMENTS @ 2 LOCATIONS ON ROUTE 202: SCHOOL STREET & FIVE CORNERS	2	STP	\$1,608,808	\$1,287,046	\$321,762	Construction / (YOY \$1,608,808) STP) / 42 TEC / 25%
2022	608230	SOUTHEASTERN MASSACHUSETTS	REHOBOTH	REHOBOTH- INTERSECTION IMPROVEMENTS & RELATED WORK AT WINTHROP STREET (ROUTE 44) AND ANAWAN STREET (ROUTE 118)	5	STP	\$2,436,000	\$1,948,800	\$487,200	a) Construction; b) Total Cost = \$2,436,000 STP
INTERSECTION IMPROVEMENTS PROGRAM SUBTOTAL:							\$23,507,934	\$18,894,917	\$4,613,018	
Non-interstate DOT pavement program										
2022	608768	BERKSHIRE	PITTSFIELD	PITTSFIELD- RESURFACING AND RELATED WORK ON MERRILL ROAD, FROM JUNCTION ROAD TO EAST STREET	1	HSIP	\$355,964	\$320,368	\$35,596	STP+HSIP; Total Cost = 2,030,000; MPO evaluation score 5 of 8; Design Status: <25%; YOY = 16%

2022										
YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2022	608768	BERKSHIRE	PITTSFIELD	PITTSFIELD- RESURFACING AND RELATED WORK ON MERRILL ROAD, FROM JUNCTION ROAD TO EAST STREET	1	STP	\$1,674,036	\$1,339,229	\$334,807	STP+HSIP; Total Cost = 2,030,000; MPO evaluation score 5 of 8; Design Status: <25%; YOE = 16%
2022	608535	SOUTHEASTERN MASSACHUSETTS	NEW BEDFORD	NEW BEDFORD- CORRIDOR IMPROVEMENTS AND RELATED WORK ON COUNTY STREET FROM NELSON STREET TO UNION STREET	5	STP	\$8,120,000	\$6,496,000	\$1,624,000	a) Construction; b) Total Cost = \$8,120,000 STP; d) EC Score 36 of 87; i) Status Pre 25%
NON-INTERSTATE DOT PAVEMENT PROGRAM SUBTOTAL:							\$10,150,000	\$8,155,597	\$1,994,403	
Planning / Adjustments / Pass-throughs										
2022	BN0009	BOSTON	MULTIPLE	COMMUNITY TRANSPORTATION PROGRAM	NA	CMAQ	\$1,000,000	\$800,000	\$200,000	Planning, Design, or Construction; Set Aside for LRTP Clean Air and Mobility Program
2022	CC2000	CAPE COD	MULTIPLE	CAPE COD - BICYCLE RACK PROGRAM	5	CMAQ	\$100,000	\$80,000	\$20,000	Construction; Total project cost = \$100,000; MPO score = 52; CMAQ approved; Funds to be applied for by municipalities.
PLANNING / ADJUSTMENTS / PASS-THROUGHS SUBTOTAL:							\$1,100,000	\$880,000	\$220,000	
Roadway reconstruction program										
2022	608767	BERKSHIRE	EGREMONT	EGREMONT- RECONSTRUCTION AND RELATED WORK ON ROUTE 23/41, FROM CREAMERY ROAD TO NORTH UNDERMOUNTAIN ROAD	1	CMAQ	\$889,911	\$711,929	\$177,982	STP+CMAQ; Total Cost = 3,480,000; MPO evaluation score 4 of 8; Design Status: <25%; YOE = 16%
2022	608767	BERKSHIRE	EGREMONT	EGREMONT- RECONSTRUCTION AND RELATED WORK ON ROUTE 23/41, FROM CREAMERY ROAD TO NORTH UNDERMOUNTAIN ROAD	1	STP	\$2,590,089	\$2,072,071	\$518,018	STP+CMAQ; Total Cost = 3,480,000; MPO evaluation score 4 of 8; Design Status: <25%; YOE = 16%
2022	608229	BOSTON	ACTON	ACTON- INTERSECTION & SIGNAL IMPROVEMENTS AT KELLEY'S CORNER, ROUTE 111 (MASSACHUSETTS AVENUE) AND ROUTE 27 (MAIN STREET)	3	CMAQ	\$1,000,000	\$800,000	\$200,000	Construction; CMAQ+TAP+STP Total Cost = \$8,671,000; MPO Evaluation Score = 45
2022	608229	BOSTON	ACTON	ACTON- INTERSECTION & SIGNAL IMPROVEMENTS AT KELLEY'S CORNER, ROUTE 111 (MASSACHUSETTS AVENUE) AND ROUTE 27 (MAIN STREET)	3	STP	\$7,471,000	\$5,976,800	\$1,494,200	Construction; CMAQ+TAP+STP Total Cost = \$8,671,000; MPO Evaluation Score = 45
2022	608229	BOSTON	ACTON	ACTON- INTERSECTION & SIGNAL IMPROVEMENTS AT KELLEY'S CORNER, ROUTE 111 (MASSACHUSETTS AVENUE) AND ROUTE 27 (MAIN STREET)	3	TAP	\$200,000	\$160,000	\$40,000	Construction; CMAQ+TAP+STP Total Cost = \$8,671,000; MPO Evaluation Score = 45; TAP project proponent = Acton
2022	608146	BOSTON	MARBLEHEAD	MARBLEHEAD- INTERSECTION IMPROVEMENTS AT PLEASANT STREET & VILLAGE, VINE AND CROSS STREETS	4	STP	\$959,378	\$767,502	\$191,876	Construction; STP Total Cost = \$959,378; MPO Evaluation Score = 40
2022	606226	BOSTON	BOSTON	BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE	6	NHPP	\$13,947,170	\$11,157,736	\$2,789,434	Construction; TAP+STP+NHPP Total Cost = \$152,000,000; AC Yr 3 of 5; Total funding in this TIP = \$76,626,515

2022										
YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2022	606226	BOSTON	BOSTON	BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE	6	STP	\$26,498,598	\$21,198,878	\$5,299,720	Construction; TAP+STP+NHPP Total Cost = \$152,000,000; AC Yr 3 of 5; Total funding in this TIP = \$76,626,515
2022	606226	BOSTON	BOSTON	BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE	6	TAP	\$1,282,990	\$1,026,392	\$256,598	Construction; TAP+STP+NHPP Total Cost = \$152,000,000; AC Yr 3 of 5; Total funding in this TIP = \$76,626,515; TAP project proponent = Boston
2022	608078	BOSTON	CHELSEA	CHELSEA- RECONSTRUCTION ON BROADWAY (ROUTE 107), FROM CITY HALL AVENUE TO THE REVERE C.L.	6	CMAQ	\$1,000,000	\$800,000	\$200,000	Construction; CMAQ+STP Total Cost = \$9,028,628; MPO Evaluation Score = 61
2022	608078	BOSTON	CHELSEA	CHELSEA- RECONSTRUCTION ON BROADWAY (ROUTE 107), FROM CITY HALL AVENUE TO THE REVERE C.L.	6	STP	\$8,028,628	\$6,422,902	\$1,605,726	Construction; CMAQ+STP Total Cost = \$9,028,628; MPO Evaluation Score = 61
2022	607777	BOSTON	WATERTOWN	WATERTOWN- REHABILITATION OF MOUNT AUBURN STREET (ROUTE 16)	6	CMAQ	\$1,000,000	\$800,000	\$200,000	Construction; HSIP+CMAQ+STP Total Cost = \$14,190,425; MPO Evaluation Score = 75
2022	607777	BOSTON	WATERTOWN	WATERTOWN- REHABILITATION OF MOUNT AUBURN STREET (ROUTE 16)	6	HSIP	\$2,000,000	\$1,800,000	\$200,000	Construction; HSIP+CMAQ+STP Total Cost = \$14,190,425; MPO Evaluation Score = 75
2022	607777	BOSTON	WATERTOWN	WATERTOWN- REHABILITATION OF MOUNT AUBURN STREET (ROUTE 16)	6	STP	\$11,190,425	\$8,952,340	\$2,238,085	Construction; HSIP+CMAQ+STP Total Cost = \$14,190,425; MPO Evaluation Score = 75
2022	607444	CAPE COD	FALMOUTH	FALMOUTH- INTERSECTION IMPROVEMENTS & RELATED WORK AT NORTH FALMOUTH HIGHWAY (ROUTE 28A),NATHAN ELLIS HIGHWAY (ROUTE 151) AND COUNTY ROAD	5	CMAQ	\$1,046,285	\$837,028	\$209,257	Construction; Total programmed with 16% inflation applied = \$3,245,516 (STP + HSIP + CMAQ); MPO score = 63; CMAQ analysis to be completed
2022	607444	CAPE COD	FALMOUTH	FALMOUTH- INTERSECTION IMPROVEMENTS & RELATED WORK AT NORTH FALMOUTH HIGHWAY (ROUTE 28A),NATHAN ELLIS HIGHWAY (ROUTE 151) AND COUNTY ROAD	5	HSIP	\$416,376	\$374,738	\$41,638	Construction; Total programmed with 16% inflation applied = \$3,245,516 (STP + HSIP + CMAQ); MPO score = 63; CMAQ analysis to be completed
2022	607444	CAPE COD	FALMOUTH	FALMOUTH- INTERSECTION IMPROVEMENTS & RELATED WORK AT NORTH FALMOUTH HIGHWAY (ROUTE 28A),NATHAN ELLIS HIGHWAY (ROUTE 151) AND COUNTY ROAD	5	STP	\$1,788,124	\$1,430,499	\$357,625	Construction; Total programmed with 16% inflation applied = \$3,245,516 (STP + HSIP + CMAQ); MPO score = 63; CMAQ analysis to be completed
2022	608742	CAPE COD	ORLEANS	DENNIS- HARWICH- RECONSTRUCTION & RELATED WORK ON MAIN STREET (ROUTE 28), FROM UPPER COUNTY ROAD TO THE HERRING RIVER BRIDGE	5	NHPP	\$4,812,019	\$3,849,615	\$962,404	Construction; Total programmed with 16% inflation applied = \$5,170,090 (Project limits to be adjusted to match available funding); MPO score = 79
2022	608742	CAPE COD	ORLEANS	DENNIS- HARWICH- RECONSTRUCTION & RELATED WORK ON MAIN STREET (ROUTE 28), FROM UPPER COUNTY ROAD TO THE HERRING RIVER BRIDGE	5	STP	\$358,071	\$286,457	\$71,614	Construction; Total programmed with 16% inflation applied = \$5,170,090 (Project limits to be adjusted to match available funding); MPO score = 79

2022										
YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2022	608666	CAPE COD	ORLEANS	ORLEANS- INTERSECTION IMPROVEMENTS AT ROUTE 28 (SOUTH ORLEANS ROAD), ROUTE 39 (HARWICH ROAD) AND QUANSET ROAD	5	STP	\$2,066,786	\$1,653,429	\$413,357	Construction; Total programmed with 16% inflation applied = \$2,320,000 (STP + TAP); MPO score = 64; Municipality is TAP proponent
2022	608666	CAPE COD	ORLEANS	ORLEANS- INTERSECTION IMPROVEMENTS AT ROUTE 28 (SOUTH ORLEANS ROAD), ROUTE 39 (HARWICH ROAD) AND QUANSET ROAD	5	TAP	\$253,215	\$202,572	\$50,643	Construction; Total programmed with 16% inflation applied = \$5,170,090 (Project limits to be adjusted to match available funding); MPO score = 79
2022	608432	CENTRAL MASSACHUSETTS	RUTLAND	RUTLAND- RECONSTRUCTION OF ROUTE 56 (POMMOGUSSETT ROAD)	3	STP	\$4,679,434	\$3,743,547	\$935,887	Construction / Total Project Score = \$4,679,434 / PM Score = 14 / Design Status = 25%
2022	608171	CENTRAL MASSACHUSETTS	UXBRIDGE	UXBRIDGE- RECONSTRUCTION OF ROUTE 122 (SOUTH MAIN STREET), FROM SUSAN PARKWAY TO ROUTE 16	3	STP	\$5,758,074	\$4,606,459	\$1,151,615	Construction / Total Project Cost = \$6,223,647 / PM Score = 10 / Design Status = 75%
2022	608171	CENTRAL MASSACHUSETTS	UXBRIDGE	UXBRIDGE- RECONSTRUCTION OF ROUTE 122 (SOUTH MAIN STREET), FROM SUSAN PARKWAY TO ROUTE 16	3	TAP	\$465,574	\$372,459	\$93,115	Construction / Total Project Cost = \$6,223,647 / PM Score = 10 / Design Status = 75%
2022	608038	CENTRAL MASSACHUSETTS	WEBSTER	WEBSTER- RESURFACING & RELATED WORK OF KLEBART AVENUE & LAKE PARKWAY	3	STP	\$5,615,321	\$4,492,257	\$1,123,064	Construction / Total Project Cost = \$5,615,321 / PM Score = 8 / Design Status = 25%
2022	605983	FRANKLIN	WHATELY	WHATELY- REHABILITATION OF HAYDENVILLE ROAD, FROM CONWAY ROAD TO THE WILLIAMSBURG T.L. (1.7 MILES)	2	STP	\$2,088,000	\$1,670,400	\$417,600	Construction; total project cost of \$1,800,000 inflated 4% per year to \$2,088,000; TEC score 7.3
2022	608095	MERRIMACK VALLEY	NORTH ANDOVER	NORTH ANDOVER- CORRIDOR IMPROVEMENTS ON ROUTE 114, BETWEEN ROUTE 125 (ANDOVER STREET) & STOP & SHOP DRIVEWAY	4	CMAQ	\$1,107,389	\$885,911	\$221,478	a) Construction; b) \$16,816,717 (inflated 12% from 2018 cost) = \$1,107,389 2021 CMAQ + \$4,389,060 2021 STP + \$442,956 2021 HSIP + \$351,000 2021 TAP + \$1,107,389 2022 CMAQ + \$8,566,584 2022 STP + \$442,956 2022 HSIP + \$351,000 2022 TAP + \$58,383 FY 2023; c)
2022	608095	MERRIMACK VALLEY	NORTH ANDOVER	NORTH ANDOVER- CORRIDOR IMPROVEMENTS ON ROUTE 114, BETWEEN ROUTE 125 (ANDOVER STREET) & STOP & SHOP DRIVEWAY	4	HSIP	\$442,956	\$398,660	\$44,296	a) Construction; b) \$16,816,717 (inflated 12% from 2018 cost) = \$1,107,389 2021 CMAQ + \$4,389,060 2021 STP + \$442,956 2021 HSIP + \$351,000 2021 TAP + \$1,107,389 2022 CMAQ + \$8,566,584 2022 STP + \$442,956 2022 HSIP + \$351,000 2022 TAP + \$58,383 FY 2023; c)

## 2022

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2022	608095	MERRIMACK VALLEY	NORTH ANDOVER	NORTH ANDOVER- CORRIDOR IMPROVEMENTS ON ROUTE 114, BETWEEN ROUTE 125 (ANDOVER STREET) & STOP & SHOP DRIVEWAY	4	STP	\$8,566,584	\$6,853,267	\$1,713,317	a) Construction; b) \$16,816,717 (inflated 12% from 2018 cost) = \$1,107,389 2021 CMAQ + \$4,389,060 2021 STP + \$442,956 2021 HSIP + \$351,000 2021 TAP + \$1,107,389 2022 CMAQ + \$8,566,584 2022 STP + \$442,956 2022 HSIP + \$351,000 2022 TAP + \$58,383 FY 2023; c)
2022	608095	MERRIMACK VALLEY	NORTH ANDOVER	NORTH ANDOVER- CORRIDOR IMPROVEMENTS ON ROUTE 114, BETWEEN ROUTE 125 (ANDOVER STREET) & STOP & SHOP DRIVEWAY	4	TAP	\$351,000	\$280,800	\$70,200	a) Construction; b) \$16,816,717 (inflated 12% from 2018 cost) = \$1,107,389 2021 CMAQ + \$4,389,060 2021 STP + \$442,956 2021 HSIP + \$351,000 2021 TAP + \$1,107,389 2022 CMAQ + \$8,566,584 2022 STP + \$442,956 2022 HSIP + \$351,000 2022 TAP + \$58,383 FY 2023; c)
2022	608784	MONTACHUSETT	TEMPLETON	TEMPLETON- ROUNDABOUT CONSTRUCTION AT THE INTERSECTION OF PATRIOTS ROAD, SOUTH MAIN STREET, NORTH MAIN STREET AND GARDNER ROAD	2	STP	\$2,149,125	\$1,719,300	\$429,825	Construction; Total \$1,852,694; YOE Cost \$2,149,125; TEC = TBD; Prelim Design;
2022	607902	MONTACHUSETT	AYER	AYER- RECLAMATION & RELATED WORK ON ROUTE 2A, FROM HARVARD ROAD TO MAIN STREET	3	STP	\$4,488,208	\$3,590,566	\$897,642	Construction; Total \$3,869,145; YOE Cost \$4,488,208; TEC = 41; 25% Design;
2022	607604	MONTACHUSETT	MULTIPLE	STERLING- WEST BOYLSTON- IMPROVEMENTS ON ROUTE 140 AT I-190	3	STP	\$928,000	\$742,400	\$185,600	Construction; Total \$800,000; YOE Cost \$928,000; TEC = 29; Prelim Design;
2022	605393	MONTACHUSETT	MULTIPLE	HARVARD- LANCASTER- RECONSTRUCTON & WIDENING ON ROUTE 2 RAMPS @ EXITS 36 & 38	3	STP	\$2,605,824	\$2,084,659	\$521,165	Construction; Total \$2,246,400; YOE Cost \$2,605,824; TEC = 36; Prelim Design;
2022	608603	NORTHERN MIDDLESEX	DUNSTABLE	DUNSTABLE- IMPROVEMENTS ON MAIN STREET (ROUTE 113), FROM PLEASANT STREET TO 750 FT EAST OF WESTFORD STREET	3	CMAQ	\$977,402	\$781,922	\$195,480	Construction; Total Project Cost at FFY 2022 YOE: \$3,649,959 (\$3,120,000), CMAQ, TAP, STP; NMMPO TEC Score = 6.60 out of 18.
2022	608603	NORTHERN MIDDLESEX	DUNSTABLE	DUNSTABLE- IMPROVEMENTS ON MAIN STREET (ROUTE 113), FROM PLEASANT STREET TO 750 FT EAST OF WESTFORD STREET	3	NHPP	\$2,390,648	\$1,912,518	\$478,130	Construction; Total Project Cost at FFY 2022 YOE: \$3,649,959 (\$3,120,000), CMAQ, TAP, STP; NMMPO TEC Score = 6.60 out of 18.
2022	608603	NORTHERN MIDDLESEX	DUNSTABLE	DUNSTABLE- IMPROVEMENTS ON MAIN STREET (ROUTE 113), FROM PLEASANT STREET TO 750 FT EAST OF WESTFORD STREET	3	TAP	\$281,909	\$225,527	\$56,382	Construction; Total Project Cost at FFY 2022 YOE: \$3,649,959 (\$3,120,000), CMAQ, TAP, STP; NMMPO TEC Score = 6.60 out of 18.
2022	600380	OLD COLONY	PEMBROKE	PEMBROKE- REHABILITATION OF ROUTE 36 (CENTER STREET) FROM ROUTE 27 TO ROUTE 14	5	CMAQ	\$1,139,886	\$911,909	\$227,977	a) Construction; b) Total Project Cost = \$8,039,445 w/ \$344,808 of TAP funding, \$1,139,886 of CMAQ funding, and \$6,554,751 of STP funding; d) MPO score 6.14



2022										
YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2022	600380	OLD COLONY	PEMBROKE	PEMBROKE- REHABILITATION OF ROUTE 36 (CENTER STREET) FROM ROUTE 27 TO ROUTE 14	5	STP	\$6,554,751	\$5,243,801	\$1,310,950	a) Construction; b) Total Project Cost = \$8,039,445 w/ \$344,808 of TAP funding, \$1,139,886 of CMAQ funding, and \$6,554,751 of STP funding; d) MPO score 6.14
2022	600380	OLD COLONY	PEMBROKE	PEMBROKE- REHABILITATION OF ROUTE 36 (CENTER STREET) FROM ROUTE 27 TO ROUTE 14	5	TAP	\$344,808	\$275,846	\$68,962	a) Construction; b) Total Project Cost = \$8,039,445 w/ \$344,808 of TAP funding, \$1,139,886 of CMAQ funding, and \$6,554,751 of STP funding; d) MPO score 6.14
2022	606156	PIONEER VALLEY	HOLYOKE	HOLYOKE- RECONSTRUCTION OF I-91 INTERCHANGE 17 & ROUTE 141	2	STP	\$3,483,600	\$2,786,880	\$696,720	Construction / (YOE \$3,483,600 STP) / 47.5 TEC / Pre 25%
2022	608374	PIONEER VALLEY	WEST SPRINGFIELD	WEST SPRINGFIELD- RECONSTRUCTION OF MEMORIAL AVENUE (ROUTE 147), FROM COLONY ROAD TO THE MEMORIAL AVENUE ROTARY (1.4 MILES)	2	CMAQ	\$2,702,480	\$2,161,984	\$540,496	Construction / (YOE \$17,980,000 STP, TAP, HSIP, CMAQ) / 65 TEC Pre 25% / West Springfield is TAP Proponent
2022	608374	PIONEER VALLEY	WEST SPRINGFIELD	WEST SPRINGFIELD- RECONSTRUCTION OF MEMORIAL AVENUE (ROUTE 147), FROM COLONY ROAD TO THE MEMORIAL AVENUE ROTARY (1.4 MILES)	2	HSIP	\$1,080,992	\$972,893	\$108,099	Construction / (YOE \$17,980,000 STP, TAP, HSIP, CMAQ) / 65 TEC Pre 25% / West Springfield is TAP Proponent
2022	608374	PIONEER VALLEY	WEST SPRINGFIELD	WEST SPRINGFIELD- RECONSTRUCTION OF MEMORIAL AVENUE (ROUTE 147), FROM COLONY ROAD TO THE MEMORIAL AVENUE ROTARY (1.4 MILES)	2	STP	\$12,235,690	\$9,788,552	\$2,447,138	Construction / (YOE \$17,980,000 STP, TAP, HSIP, CMAQ) / 65 TEC Pre 25% / West Springfield is TAP Proponent
2022	608374	PIONEER VALLEY	WEST SPRINGFIELD	WEST SPRINGFIELD- RECONSTRUCTION OF MEMORIAL AVENUE (ROUTE 147), FROM COLONY ROAD TO THE MEMORIAL AVENUE ROTARY (1.4 MILES)	2	TAP	\$545,638	\$436,510	\$109,128	Construction / (YOE \$17,980,000 STP, TAP, HSIP, CMAQ) / 65 TEC Pre 25% / West Springfield is TAP Proponent
2022	607871	SOUTHEASTERN MASSACHUSETTS	DARTMOUTH	DARTMOUTH- REALIGNMENT OF TUCKER ROAD TO ROUTE 6 AND HATHAWAY ROAD, INCLUDING INTERSECTION SIGNALIZATION	5	STP	\$4,287,636	\$3,430,109	\$857,527	a) Construction; b) Total Cost = \$4,287,636 STP; d) EC Score 13 of 87; i) Status Pre 25%
ROADWAY RECONSTRUCTION PROGRAM SUBTOTAL:							\$164,069,994	\$131,650,024	\$32,419,970	
REGIONALLY PRIORITIZED PROJECTS SUBTOTAL:							\$222,542,496	\$178,552,192	\$43,990,305	
SECTION 1A / REGIONALLY PRIORITIZED PROJECTS TOTAL:							\$222,542,496	\$178,552,192	\$43,990,305	



2022										
YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
SECTION 1B / EARMARK OR DISCRETIONARY GRANT FUNDED PROJECTS										
Other Federal Aid										
2022	606890	BERKSHIRE	MULTIPLE	ADAMS- NORTH ADAMS- ASHUWILLTICOOK RAIL TRAIL EXTENSION TO ROUTE 8A (HODGES CROSS ROAD)	1	HPP	\$640,000	\$512,000	\$128,000	Construction / PSAC score 27; HPP+Statewide CMAQ; Total Project Cost =5,589,402; SAFETEA-LU, HPP 2850 - MA Berkshire County Bike Paths, Design & Construction - \$5,007,375 (earmark Total)
OTHER FEDERAL AID SUBTOTAL:							\$640,000	\$512,000	\$128,000	
SECTION 1B / EARMARK OR DISCRETIONARY GRANT FUNDED PROJECTSTOTAL:							\$640,000	\$512,000	\$128,000	
SECTION 2A / STATE PRIORITIZED RELIABILITY PROJECTS										
Bridge Program / Inspections										
2022	BRI22	STATEWIDE	MULTIPLE	Bridge Inspection	Multi	NHPP	\$13,000,000	\$10,400,000	\$2,600,000	2023-2024 NBIS Program
2022	BRI22	STATEWIDE	MULTIPLE	Bridge Inspection	Multi	STP-BR-OFF	\$4,900,000	\$3,920,000	\$980,000	2023-2024 NBIS Program
BRIDGE PROGRAM / INSPECTIONS SUBTOTAL:							\$17,900,000	\$14,320,000	\$3,580,000	
Bridge Program / Off System										
2022	608857	BERKSHIRE	CHESHIRE	CHESHIRE - BRIDGE REPLACEMENT, C-10-002, SAND MILL ROAD OVER DRY BROOK	1	STP-BR-OFF	\$2,462,448	\$1,969,958	\$492,490	Construction
2022	608856	BERKSHIRE	OTIS	OTIS - BRIDGE REPLACEMENT, O-05-007, TANNERY ROAD OVER W. BR. FARMINGTON RIVER	1	STP-BR-OFF	\$821,280	\$657,024	\$164,256	Construction
2022	608860	BERKSHIRE	PITTSFIELD	PITTSFIELD - BRIDGE REPLACEMENT, P-10-055, EAST NEW LENOX ROAD OVER SACKETT BROOK	1	STP-BR-OFF	\$573,504	\$458,803	\$114,701	Construction
2022	608859	BERKSHIRE	TYRINGHAM	TYRINGHAM - BRIDGE REPLACEMENT, T-10-003, JERUSALEM ROAD OVER HOP BROOK	1	STP-BR-OFF	\$2,679,600	\$2,143,680	\$535,920	Construction
2022	608862	CENTRAL MASSACHUSETTS	SOUTHBRIDGE	SOUTHBRIDGE - BRIDGE REPLACEMENT, S-21-009, MILL STREET OVER McKINSTRY BROOK	3	STP-BR-OFF	\$1,593,840	\$1,275,072	\$318,768	Construction
2022	CM0002	CENTRAL MASSACHUSETTS	UXBRIDGE	UXBRIDGE - BRIDGE REPLACEMENT, U-02-052, ROUTE 146 RAMP OVER EMVERSON BROOK	3	STP-BR-OFF	\$1,535,376	\$1,228,301	\$307,075	Construction
2022	608858	FRANKLIN	CHARLEMONT	CHARLEMONT - BRIDGE REPLACEMENT, C-05-042, EAST OXBOW ROAD OVER OXBOW BROOK	1	STP-BR-OFF	\$1,396,176	\$1,116,941	\$279,235	Construction; total project cost \$1,396,176
2022	608855	FRANKLIN	ROWE	ROWE - BRIDGE REPLACEMENT, R-10-008, CYRUS STAGE ROAD OVER POTTER BROOK	1	STP-BR-OFF	\$1,990,560	\$1,592,448	\$398,112	Construction; total project cost \$1,990,560
2022	608849	FRANKLIN	LEVERETT	LEVERETT - BRIDGE REPLACEMENT, L-09-003, MILLERS ROAD OVER ROARING BROOK	2	STP-BR-OFF	\$1,128,912	\$903,130	\$225,782	Construction; total project cost \$1,128,912

2022										
YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2022	608862	MONTACHUSETT	PETERSHAM	PETERSHAM - BRIDGE REPLACEMENT, P-08-002, GLEN VALLEY ROAD OVER E. BR SWIFT RIVER	2	STP-BR-OFF	\$4,569,936	\$3,655,949	\$913,987	
2022	605296	MONTACHUSETT	FITCHBURG	FITCHBURG- BRIDGE PRESERVATION, F-04-011, CIRCLE STREET OVER NORTH NASHUA RIVER	3	STP-BR-OFF	\$3,058,688	\$2,446,950	\$611,738	
2022	NM0001	NORTHERN MIDDLESEX	WESTFORD	WESTFORD - BRIDGE REPLACEMENT, STONY BROOK ROAD OVER STONY BROOK	3	STP-BR-OFF	\$2,623,920	\$2,099,136	\$524,784	Construction
2022	608846	PIONEER VALLEY	MONSON	MONSON - BRIDGE REPLACEMENT, M-27-015, OLD WALES ROAD OVER CONANT BROOK	2	STP-BR-OFF	\$1,742,784	\$1,394,227	\$348,557	Construction
2022	608869	PIONEER VALLEY	NORTHAMPTON	NORTHAMPTON - BRIDGE REPLACEMENT, N-19-068, OLD SPRINGFIELD ROAD OVER MILL RIVER	2	STP-BR-OFF	\$3,981,120	\$3,184,896	\$796,224	Construction
2022	608847	PIONEER VALLEY	WALES	WALES - BRIDGE REPLACEMENT, W-02-002, HOLLAND ROAD OVER WALES BROOK	2	STP-BR-OFF	\$540,096	\$432,077	\$108,019	Construction
BRIDGE PROGRAM / OFF-SYSTEM SUBTOTAL:							\$30,698,240	\$24,558,592	\$6,139,648	
Bridge Program / On System (NHS)										
2022	606728	BOSTON	BOSTON	BOSTON- SUPERSTRUCTURE REPAIRS ON B-16-365, BOWKER OVERPASS OVER STORROW DRIVE (EB)	6	NHPP-ON	\$24,009,680	\$19,207,744	\$4,801,936	Construction
2022	608853	PIONEER VALLEY	SPRINGFIELD	SPRINGFIELD, BRIDGE REPLACEMENT, S-24-026, ARMORY STREET OVER CSX RR (ABANDONED)	2	NHPP-ON	\$3,948,640	\$3,158,912	\$789,728	Construction / YEAR 1 AC OF 3, \$117,077,490
2022	608848	PIONEER VALLEY	SPRINGFIELD	SPRINGFIELD, BRIDGE REPLACEMENT, S-24-016, ARMORY STREET OVER CSX RR	2	NHPP-ON	\$5,723,440	\$4,578,752	\$1,144,688	Construction
2022	606527	SOUTHEASTERN MASSACHUSETTS	NEW BEDFORD	NEW BEDFORD- SUPERSTRUCTURE REPLACEMENT, N-06-020, I-195 (EB & WB) RAMP C & F OVER ST 18, COUNTY STREET, STATE STREET, MASS COASTAL RAILROAD, PURCHASE STREET, WELD STREET, INCLUDES REPLACING N-06-046, I-195 (EB) RAMP F OVER WELD STREET	5	NHPP-ON	\$88,890,000	\$71,112,000	\$17,778,000	
BRIDGE PROGRAM / ON-SYSTEM (NHS) SUBTOTAL:							\$122,571,760	\$98,057,408	\$24,514,352	
Bridge Program / Systematic Maintenance										
2022	608837	STATEWIDE	MULTIPLE	DISTRICT 2 - SYSTEMATIC MAINTENANCE AT VARIOUS LOCATIONS	2	NHPP-ON	\$1,564,862	\$1,251,890	\$312,972	
2022	608840	STATEWIDE	MULTIPLE	DISTRICT 3- ELASTOMERIC PROTECTIVE COATING APPLICATION TO CONCRETE SURFACES	3	NHPP-ON	\$1,345,402	\$1,076,322	\$269,080	
2022	608863	STATEWIDE	MULTIPLE	DISTRICT 5- BRIDGE PAINTING ALONG ROUTE 24 CORRIDOR	5	NHPP-ON	\$1,401,819	\$1,121,455	\$280,364	
BRIDGE PROGRAM / SYSTEMATIC MAINTENANCE SUBTOTAL:							\$4,312,083	\$3,449,667	\$862,416	
Interstate Pavement										
2022	608210	BOSTON	MULTIPLE	FOXBOROUGH- PLAINVILLE- WRENTHAM- FRANKLIN- INTERSTATE MAINTENANCE & RELATED WORK ON I-495	5	NHPP	\$11,497,920	\$10,348,128	\$1,149,792	Construction

2022										
YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2022	608826	STATEWIDE	MULTIPLE	TEWKSBURY- ANDOVER- INTERSTATE RESURFACING AND RELATED WORK ON I-93	4	NHPP	\$13,939,180	\$12,545,262	\$1,393,918	Construction
INTERSTATE PAVEMENT SUBTOTAL:							\$25,437,100	\$22,893,390	\$2,543,710	
Non Interstate Pavement										
2022	608812	BERKSHIRE	FLORIDA	FLORIDA- RESURFACING AND RELATED WORK ON ROUTE 2	1	NHPP	\$6,898,752	\$5,519,002	\$1,379,750	Construction
2022	608813	BERKSHIRE	LANESBOROUGH	LANESBOROUGH- RESURFACING AND RELATED WORK ON ROUTE 7	1	NHPP	\$2,340,648	\$1,872,518	\$468,130	Construction
2022	608818	BOSTON	DANVERS	DANVERS- RESURFACING AND RELATED WORK ON ROUTE 114	4	NHPP	\$1,916,320	\$1,533,056	\$383,264	Construction
2022	608817	BOSTON	MULTIPLE	SALEM- LYNN- RESURFACING AND RELATED WORK ON ROUTE 107	4	NHPP	\$2,566,500	\$2,053,200	\$513,300	Construction
2022	608819	CAPE COD	BARNSTABLE	BARNSTABLE- RESURFACING AND RELATED WORK ON ROUTE 6	5	NHPP	\$11,826,432	\$9,461,146	\$2,365,286	Construction
2022	608815	CENTRAL MASSACHUSETTS	HOLDEN	HOLDEN- RESURFACING AND RELATED WORK ON ROUTE 122	3	NHPP	\$2,956,608	\$2,365,286	\$591,322	Construction
2022	608814	CENTRAL MASSACHUSETTS	MULTIPLE	SPENCER- EAST BROOKFIELD- RESURFACING AND RELATED WORK ON ROUTE 9	3	NHPP	\$8,943,739	\$7,154,991	\$1,788,748	Construction
2022	608820	OLD COLONY	BRIDGEWATER	BRIDGEWATER- BROCKTON- PAVEMENT PRESERVATION AND RELATED WORK ON ROUTE 24	5	NHPP	\$11,021,578	\$8,817,262	\$2,204,316	Construction
2022	608466	PIONEER VALLEY	MULTIPLE	BELCHERTOWN- GRANBY- RESURFACING AND RELATED WORK ON ROUTE 202	2	NHPP	\$4,484,189	\$3,587,351	\$896,838	Construction
2022	608816	STATEWIDE	MULTIPLE	DRACUT- METHUEN- RESURFACING AND RELATED WORK ON ROUTE 110	4	NHPP	\$6,159,600	\$4,927,680	\$1,231,920	Construction
2022	608496	STATEWIDE	MULTIPLE	AVON- STOUGHTON- RESURFACING AND RELATED WORK ON ROUTE 24	5	NHPP	\$4,818,176	\$3,854,541	\$963,635	Construction
NON-INTERSTATE PAVEMENT SUBTOTAL:							\$63,932,542	\$51,146,033	\$12,786,509	
Roadway Improvements										
2022	SM0001	SOUTHEASTERN MASSACHUSETTS	ATTLEBORO	ATTLEBORO-STORMWATER IMPROVEMENTS ALONG INTERSTATE 95 PART II	5	STP	\$1,250,000	\$1,000,000	\$250,000	Construction
ROADWAY IMPROVEMENTS SUBTOTAL:							\$1,250,000	\$1,000,000	\$250,000	
Safety Improvements										
2022	608433	CENTRAL MASSACHUSETTS	WEBSTER	WEBSTER- INTERSECTION IMPROVEMENTS AT I-395 RAMPS (EXIT 2) AT ROUTE 16 (EAST MAIN STREET) AND SUTTON ROAD	3	HSIP	\$2,500,000	\$2,250,000	\$250,000	Construction / CMAQ + SW HSIP Total Project Cost = \$5,568,000 w/ Central Mass MPO funding at \$2,818,000 / PM Score = 19 / Design Status = Pre 25%
2022	608620	STATEWIDE	MULTIPLE	ANDOVER- TEWKSBURY- HIGHWAY LIGHTING SYSTEM REHABILITATION AND REPAIR AT THE INTERCHANGE OF INTERSTATE ROUTES 93 AND 495	4	NHPP	\$5,152,000	\$4,121,600	\$1,030,400	Construction / Total Project Cost = \$10,672,000 / AC YR 2 of 2

2022										
YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2022	608842	STATEWIDE	MULTIPLE	STATEWIDE-VARIOUS SAFETY STRATEGIES TO ADDRESS SHSP - TO BE DETERMINED (2022)	Multi	HSIP	\$14,153,556	\$12,738,200	\$1,415,356	Construction
SAFETY IMPROVEMENTS SUBTOTAL:							\$21,805,556	\$19,109,800	\$2,695,756	
SECTION 2A / STATE PRIORITIZED RELIABILITY PROJECTS TOTAL:							\$287,907,281	\$234,534,890	\$53,372,391	
SECTION 2B / STATE PRIORITIZED MODERNIZATION PROJECTS										
Intelligent Transportation Systems										
2022	608839	STATEWIDE	MULTIPLE	STATEWIDE INTELLIGENT TRANSPORTATION SYSTEMS, YEAR 2022	Multi	NHPP	\$10,000,000	\$8,000,000	\$2,000,000	
INTELLIGENT TRANSPORTATION SYSTEMS SUBTOTAL:							\$10,000,000	\$8,000,000	\$2,000,000	
Intersection Improvements										
2022	608774	NORTHERN MIDDLESEX	TEWKSBURY	TEWKSBURY – ROUTE 38 INTERSECTION IMPROVEMENTS FROM LOWELL LINE TO PIKE STREET/ASTLE STREET	4	HSIP	\$3,000,000	\$2,700,000	\$300,000	
2022	608841	STATEWIDE	MULTIPLE	STATEWIDE-VARIOUS INTERSECTION STRATEGIES TO ADDRESS SHSP - TO BE DETERMINED (2022)	Multi	HSIP	\$8,866,667	\$7,980,000	\$886,667	Construction
INTERSECTION IMPROVEMENTS SUBTOTAL:							\$11,866,667	\$10,680,000	\$1,186,667	
Roadway Reconstruction										
2022	607977	BOSTON	MULTIPLE	HOPKINTON- WESTBOROUGH- RECONSTRUCTION OF I-90/I-495 INTERCHANGE	3	NFP	\$25,266,061	\$20,212,849	\$5,053,212	Construction / Total Project Cost = \$270,000,000 / AC YR 3 of 6 / PSAC score 49
2022	607977	BOSTON	MULTIPLE	HOPKINTON- WESTBOROUGH- RECONSTRUCTION OF I-90/I-495 INTERCHANGE	3	NHPP	\$12,233,939	\$9,787,151	\$2,446,788	Construction / Total Project Cost = \$270,000,000 / AC YR 3 of 6 / PSAC score 49
2022	602659	CENTRAL MASSACHUSETTS	MULTIPLE	CHARLTON- OXFORD- RECONSTRUCTION ON ROUTE 20, FROM RICHARDSON'S CORNER EASTERLY TO ROUTE 12, INCLUDES REHAB OF C-06-023 & REPLACEMENT OF O-06-002	3	NHPP	\$10,400,000	\$8,320,000	\$2,080,000	Construction / Total Project Cost = \$57,426,624 w/ \$11,386,727 of Central Mass regional funding in 2020 and 2021 / AC YR 3 of 4 / PSAC score 49.5
2022	608049	SOUTHEASTERN MASSACHUSETTS	FALL RIVER	FALL RIVER- CORRIDOR IMPROVEMENTS ON ROUTE 79/DAVOL STREET	5	NHPP	\$12,723,931	\$10,179,145	\$2,544,786	Construction / Total Project Cost = \$81,290,000 / AC YR 3 of 5 / PSAC score 50.5
2022	608049	SOUTHEASTERN MASSACHUSETTS	FALL RIVER	FALL RIVER- CORRIDOR IMPROVEMENTS ON ROUTE 79/DAVOL STREET	5	STP	\$2,008,914	\$1,607,131	\$401,783	Construction / Total Project Cost = \$81,290,000 / AC YR 3 of 5 / PSAC score 50.5
2022	608049	SOUTHEASTERN MASSACHUSETTS	FALL RIVER	FALL RIVER- CORRIDOR IMPROVEMENTS ON ROUTE 79/DAVOL STREET	5	TAP	\$267,155	\$213,724	\$53,431	Construction / Total Project Cost = \$81,290,000 / AC YR 3 of 5 / PSAC score 50.5
ROADWAY RECONSTRUCTION SUBTOTAL:							\$62,900,000	\$50,320,000	\$12,580,000	

2022										
YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
SECTION 2B / STATE PRIORITIZED MODERNIZATION PROJECTS TOTAL:							\$84,766,667	\$69,000,000	\$15,766,667	
SECTION 2C / STATE PRIORITIZED EXPANSION PROJECTS										
Bicycles and Pedestrians										
2022	606890	BERKSHIRE	MULTIPLE	ADAMS- NORTH ADAMS- ASHUWILLTICOOK RAIL TRAIL EXTENSION TO ROUTE 8A (HODGES CROSS ROAD)	1	CMAQ	\$4,949,402	\$3,959,522	\$989,880	Construction / PSAC score 27; HPP+Statewide CMAQ; Total Project Cost =5,589,402
2022	607398	CAPE COD	MULTIPLE	YARMOUTH- BARNSTABLE- CAPE COD RAIL TRAIL EXTENSION, INCLUDES NEW BRIDGE OVER WILLOW STREET & RAILROAD (PHASE III)	5	CMAQ	\$7,632,517	\$6,106,014	\$1,526,503	Construction / PSAC score 20
2022	608422	CAPE COD	SANDWICH	SANDWICH- CONSTRUCTION OF SHARED USE PATH ALONG SERVICE ROAD FROM ROUTE 130 TO CHASE ROAD	5	CMAQ	\$5,800,464	\$4,640,371	\$1,160,093	Construction / PSAC score 22
2022	607588	FRANKLIN	NORTHFIELD	NORTHFIELD- CONSTRUCT BIKE/PED BRIDGE TO REPLACE N-22-002, SCHELL BRIDGE OVER THE CONNECTICUT RIVER	2	CMAQ	\$4,812,582	\$3,850,066	\$962,516	Construction / PSAC score 36 / Total Cost \$18,034,116 / AC YR 2 of 2
2022	607347	MONTACHUSETT	GARDNER	GARDNER- BIKE PATH CONSTRUCTION, NORTH CENTRAL PATHWAY (PHASE VI)	3	CMAQ	\$3,000,000	\$2,400,000	\$600,000	Construction / PSAC score 24
2022	608227	NORTHERN MIDDLESEX	BILLERICA	BILLERICA- YANKEE DOODLE BIKE PATH CONSTRUCTION (PHASE I)	4	CMAQ	\$8,805,035	\$7,044,028	\$1,761,007	Construction / PSAC score 36/ Total Project Cost: \$8,805,035 Statewide CMAQ/ NMMPO TEC Score = 12.00 out of 18
BICYCLES AND PEDESTRIANS SUBTOTAL:							\$35,000,000	\$28,000,001	\$6,999,999	
SECTION 2C / STATE PRIORITIZED EXPANSION PROJECTS TOTAL:							\$35,000,000	\$28,000,001	\$6,999,999	
SECTION 3 / PLANNING / ADJUSTMENTS / PASS-THROUGHS										
Planning / Adjustments / Pass throughs										
2022	MRTDM 19	STATEWIDE	MULTIPLE	MassRides: Travel Demand Management	Multi	CMAQ	\$3,125,000	\$2,500,000	\$625,000	
2022	ABPGA N	STATEWIDE	MULTIPLE	ABP GANS Repayment	Multi	NHPP	\$116,420,949	\$116,420,949	\$0	
2022	UPWP2 3	STATEWIDE	MULTIPLE	Metropolitan Planning	Multi	PL	\$9,825,026	\$7,860,021	\$1,965,005	
2022	SPR222	STATEWIDE	MULTIPLE	State Planning and Research Work Program II, (SPR II), Research	Multi	RD	\$4,500,000	\$3,600,000	\$900,000	
2022	SRT22	STATEWIDE	MULTIPLE	Recreational Trails	Multi	REC	\$1,483,411	\$1,186,729	\$296,682	
2022	RRC22	STATEWIDE	MULTIPLE	Railroad Crossings	Multi	RRHE	\$1,111,111	\$1,000,000	\$111,111	

2022										
YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2022	RRC22	STATEWIDE	MULTIPLE	Railroad Crossings	Multi	RRPD	\$1,111,111	\$1,000,000	\$111,111	
2022	UPWP23	STATEWIDE	MULTIPLE	Metropolitan Planning	Multi	SPR	\$1,012,803	\$810,242	\$202,561	
2022	SPR122	STATEWIDE	MULTIPLE	State Planning and Research Work Program I, (SPR I), Planning	Multi	SPR	\$13,033,371	\$10,426,697	\$2,606,674	
2022	EWO	STATEWIDE	MULTIPLE	Award adjustments, change orders, etc.	Multi	STP	\$25,000,000	\$20,000,000	\$5,000,000	
2022	ABPGAN	STATEWIDE	MULTIPLE	ABP GANS Repayment	Multi	STP-BR-OFF	\$350,000	\$350,000	\$0	
2022	MREDU19	STATEWIDE	MULTIPLE	MassRides: SRTS Education	Multi	TAP	\$200,000	\$160,000	\$40,000	
PLANNING / ADJUSTMENTS / PASS-THROUGHS SUBTOTAL:							\$177,172,782	\$165,314,638	\$11,858,144	
SECTION 3 / PLANNING / ADJUSTMENTS / PASS-THROUGHS TOTAL:							\$177,172,782	\$165,314,638	\$11,858,144	
SECTION 4 / NON FEDERALLY AIDED PROJECTS										
Non Federally Aided Projects										
2022	607977	BOSTON	MULTIPLE	HOPKINTON- WESTBOROUGH- RECONSTRUCTION OF I-90/I-495 INTERCHANGE	3	NFA	\$18,112,483	\$0	\$18,112,483	Construction / Total Project Cost = \$270,000,000 / AC YR 3 of 6 / PSAC score 49
NON-FEDERALLY AIDED PROJECTS SUBTOTAL:							\$18,112,483	\$0	\$18,112,483	
SECTION 4 / NON-FEDERALLY AIDED PROJECTS TOTAL:							\$18,112,483	\$0	\$18,112,483	
TOTAL	YEAR 2022						\$826,141,709	\$675,913,721	\$150,227,989	

2022										
YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non- Federal Funds	Additional Information
<b>Total Federal Funds</b> <b>\$3,314,693,397</b>							<b>Total Non-Federal Funds</b> <b>\$721,139,972</b>	<b>Total Programmed Funds</b> <b>\$4,035,833,392</b>		

## 2018 Transit projects

Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	RTACAP	MAP	ICB	SCA	TDC	Local Funds	Total Cost
<b>5307</b>											
MWRTA	113403	TERMINAL, INTERMODAL (TRANSIT)		\$150,000	\$37,500	\$0	\$0	\$0	\$0	\$0	\$187,500
MWRTA	117C00	NON FIXED ROUTE ADA PARA SERV		\$1,300,000	\$0	\$0	\$0	\$325,000	\$0	\$0	\$1,625,000
MWRTA	114200	ACQUISITION OF BUS SUPPORT EQUIP/FACILITIES		\$248,415	\$62,104	\$0	\$0	\$0	\$0	\$0	\$310,519
MWRTA	440000	MOBILITY MANAGEMENT		\$25,000	\$6,250	\$0	\$0	\$0	\$0	\$0	\$31,250
CATA	117A00	PREVENTIVE MAINTENANCE		\$350,000	\$0	\$0	\$0	\$0	\$0	\$87,500	\$437,500
CATA	114206	ACQUIRE - SHOP EQ/SOFTWARE MAINT		\$40,000	\$10,000	\$0	\$0	\$0	\$0	\$0	\$50,000
CATA	114220	ACQUIRE - MISC SUPPORT EQUIPMENT		\$27,267	\$6,817	\$0	\$0	\$0	\$0	\$0	\$34,084
CATA	114206	ACQUIRE - SHOP EQUIPMENT		\$52,000	\$13,000	\$0	\$0	\$0	\$0	\$0	\$65,000
CATA	113410	REHAB- SHELTERS Railroad, P&R, Emerson Ave		\$33,600	\$8,400	\$0	\$0	\$0	\$0	\$0	\$42,000
CATA	113310	CONSTRUCT - BUS SHELTER-CATA HUB/COA		\$14,400	\$3,600	\$0	\$0	\$0	\$0	\$0	\$18,000
CATA	113410	REHAB/RENOVATE - BUS PASSENGER SHELTERS		\$9,600	\$2,400	\$0	\$0	\$0	\$0	\$0	\$12,000
BAT	114220	ACQUIRE - MISC SUPPORT EQUIPMENT		\$64,000	\$16,000	\$0	\$0	\$0	\$0	\$0	\$80,000
BAT	111240	ACQUIRE ASSOC CAP MAINT ITEMS		\$80,000	\$20,000	\$0	\$0	\$0	\$0	\$0	\$100,000
BAT	300900	Operating/PM/ADA		\$2,000,000	\$0	\$0	\$0	\$2,000,000	\$0	\$0	\$4,000,000
BAT	111201	ACQUIRE REPLACEMENT 40-FT BUS (4)		\$410,000	\$1,640,000	\$0	\$0	\$0	\$0	\$0	\$2,050,000
BAT	119202	ACQUIRE REPLACEMENT BUS SHELTERS		\$16,000	\$4,000	\$0	\$0	\$0	\$0	\$0	\$20,000
BAT	114211	ACQUIRE - REPLACEMENT SUPPORT VEHICLE (1)		\$48,000	\$12,000	\$0	\$0	\$0	\$0	\$0	\$60,000
BAT	111302	ACQUIRE 35-FT BUS FOR EXPANSION (2) HYBRID		\$280,000	\$1,120,000	\$0	\$0	\$0	\$0	\$0	\$1,400,000
BAT	111700	VEH OVERHAUL (UP TO 20% VEH MAINT) (3)		\$126,000	\$504,000	\$0	\$0	\$0	\$0	\$0	\$630,000
BAT	114406	REHAB/RENOVATE - SHOP EQUIPMENT Waste Oil Heater		\$12,000	\$3,000	\$0	\$0	\$0	\$0	\$0	\$15,000
BAT	113401	REHAB/RENOVATE - BUS TERMINAL - Concrete, pavers, pavement		\$40,000	\$10,000	\$0	\$0	\$0	\$0	\$0	\$50,000
BAT	111202	ACQUIRE REPLACEMENT 35-FT BUS (6)		\$600,000	\$2,400,000	\$0	\$0	\$0	\$0	\$0	\$3,000,000
BAT	114206	ACQUIRE - SHOP EQUIPMENT (2) Heavy Duty Lifts		\$200,000	\$50,000	\$0	\$0	\$0	\$0	\$0	\$250,000
BRTA		Preventive Maintenance		\$120,000	\$30,000	\$0	\$0	\$0	\$0	\$0	\$150,000
CCRTA	117C00	NON FIXED ROUTE ADA PARA SERV		\$532,126	\$0	\$0	\$0	\$133,032	\$0	\$0	\$665,158
CCRTA	117L00	MOBILITY MANAGEMENT		\$1,206,864	\$0	\$0	\$0	\$301,716	\$0	\$0	\$1,508,580
CCRTA	300900	OPERATING ASSISTANCE		\$600,000	\$0	\$0	\$0	\$600,000	\$0	\$0	\$1,200,000
CCRTA	117A00	PREVENTIVE MAINTENANCE		\$5,630,000	\$0	\$0	\$0	\$1,200,000	\$0	\$207,500	\$7,037,500
MVRTA		ADA Operating Expense		\$1,130,695	\$0	\$0	\$0	\$282,675	\$0	\$0	\$1,413,370
MVRTA		Preventive Maintenance Expense		\$2,522,325	\$0	\$0	\$0	\$630,580	\$0	\$0	\$3,152,905
MVRTA		Refurbish Engine/trans 8 model year 2012 buses		\$211,200	\$52,800	\$0	\$0	\$0	\$0	\$0	\$264,000
MVRTA	300900	OPERATING ASSISTANCE		\$321,505	\$0	\$0	\$0	\$321,505	\$0	\$0	\$643,010



## 2018 Transit projects

Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	RTACAP	MAP	ICB	SCA	TDC	Local Funds	Total Cost
MVRTA	442400	SHORT RANGE TRANSIT PLANNING		\$80,000	\$0	\$0	\$0	\$0	\$0	\$20,000	\$100,000
MVRTA	111202	Replace 6 Model Yr 2004 buses delivery 2018		\$2,151,600	\$537,900	\$0	\$0	\$0	\$0	\$0	\$2,689,500
MVRTA	114211	Replace 1 Model Yr 2013 Support Vehicle		\$38,200	\$9,550	\$0	\$0	\$0	\$0	\$0	\$47,750
SRTA	300901	UP TO 50% FEDERAL SHARE		\$5,380,765	\$0	\$0	\$0	\$5,781,233	\$0	\$0	\$11,161,998
SRTA		ADA Operating Projects		\$160,000	\$0	\$0	\$0	\$40,000	\$0	\$0	\$200,000
SRTA		Preventive Maintenance		\$640,000	\$0	\$0	\$0	\$160,000	\$0	\$0	\$800,000
SRTA	442400	SHORT RANGE TRANSIT PLANNING		\$96,000	\$0	\$0	\$0	\$0	\$0	\$24,000	\$120,000
SRTA		Rehab Terminal HVAC		\$48,000	\$12,000	\$0	\$0	\$0	\$0	\$0	\$60,000
SRTA	111215	BUY REPLACEMENT VAN (1)		\$48,000	\$12,000	\$0	\$0	\$0	\$0	\$0	\$60,000
SRTA	112120	ENG/DESIGN - ITS		\$638,040	\$159,510	\$0	\$0	\$0	\$0	\$0	\$797,550
SRTA	114211	ACQUIRE - SUPPORT VEHICLES		\$32,000	\$8,000	\$0	\$0	\$0	\$0	\$0	\$40,000
SRTA	111202	BUY REPLACEMENT 35-FT BUS		\$68,047	\$17,884	\$0	\$0	\$0	\$0	\$0	\$85,931
SRTA	111640	LEASE ASSOC CAP MAINT ITEMS		\$80,000	\$20,000	\$0	\$0	\$0	\$0	\$0	\$100,000
WRTA		Purchase - Support Vehicle		\$92,000	\$23,000	\$0	\$0	\$0	\$0	\$0	\$115,000
WRTA		Spare Parts / Associated Capital Maintenance		\$500,438	\$125,110	\$0	\$0	\$0	\$0	\$0	\$625,548
WRTA		Computer Technologies - Software		\$20,000	\$5,000	\$0	\$0	\$0	\$0	\$0	\$25,000
WRTA		Computer Technologies - Hardware		\$36,000	\$9,000	\$0	\$0	\$0	\$0	\$0	\$45,000
WRTA		Enhancements - Shelters		\$30,000	\$7,500	\$0	\$0	\$0	\$0	\$0	\$37,500
WRTA		Enhancements - Signage		\$16,000	\$4,000	\$0	\$0	\$0	\$0	\$0	\$20,000
WRTA	113401	REHAB/RENOVATE - BUS TERMINAL		\$8,000	\$2,000	\$0	\$0	\$0	\$0	\$0	\$10,000
WRTA	114303	CONSTRUCT - ADMIN/MAINT FACILITY		\$3,027,208	\$0	\$0	\$0	\$0	\$605,442	\$0	\$3,027,208
WRTA	114220	ACQUIRE - MISC SUPPORT EQUIPMENT		\$8,000	\$2,000	\$0	\$0	\$0	\$0	\$0	\$10,000
WRTA	300901	UP TO 50% FEDERAL SHARE		\$5,636,461	\$0	\$0	\$0	\$5,636,461	\$0	\$0	\$11,272,922
LRTA	442400	SHORT RANGE TRANSIT PLANNING 2018		\$80,000	\$0	\$0	\$0	\$0	\$0	\$20,000	\$100,000
LRTA	111240	Purchase - Capital Spare Parts		\$50,000	\$50,000	\$0	\$0	\$0	\$0	\$0	\$100,000
LRTA	300901	Operating Assistance 2018		\$1,663,686	\$0	\$0	\$0	\$3,524,731	\$0	\$2,678,790	\$7,867,207
LRTA	117A00	PREVENTIVE MAINTENANCE 2018		\$1,078,440	\$0	\$0	\$0	\$269,610	\$0	\$0	\$1,348,050
LRTA	114220	Terminal& Building Equipment and Maintenance		\$50,000	\$50,000	\$0	\$0	\$0	\$0	\$0	\$100,000
GATRA	119203	PURCHASE LANDSCAPING / SCENIC BEAUTIFICATION		\$32,000	\$8,000	\$0	\$0	\$0	\$0	\$0	\$40,000
GATRA	114220	ACQUIRE - MISC SUPPORT EQUIPMENT		\$60,000	\$15,000	\$0	\$0	\$0	\$0	\$0	\$75,000
GATRA	117C00	NON FIXED ROUTE ADA PARA SERV		\$1,000,000	\$0	\$0	\$0	\$250,000	\$0	\$0	\$1,250,000
GATRA	300901	Operating Assistance		\$500,000	\$0	\$0	\$0	\$500,000	\$0	\$0	\$1,000,000
GATRA	117A00	PREVENTIVE MAINTENANCE		\$2,800,000	\$0	\$0	\$0	\$700,000	\$0	\$0	\$3,500,000
GATRA	442400	SHORT RANGE TRANSIT PLANNING		\$80,000	\$0	\$0	\$0	\$20,000	\$0	\$0	\$100,000
GATRA	111215	BUY REPLACEMENT VAN - 6		\$300,000	\$0	\$0	\$0	\$0	\$0	\$75,000	\$375,000
GATRA	111203	BUY REPLACEMENT 30-FT BUS - 2		\$768,000	\$192,000	\$0	\$0	\$0	\$0	\$0	\$960,000
MART	113209	ACQUIRE - BUS ROUTE SIGNING		\$560,000	\$140,000	\$0	\$0	\$0	\$0	\$0	\$700,000
MART	111215	BUY REPLACEMENT VAN (5)		\$245,000	\$61,250	\$0	\$0	\$0	\$0	\$0	\$306,250
MART	117C00	NON FIXED ROUTE ADA PARA SERV		\$300,000	\$0	\$0	\$0	\$75,000	\$0	\$0	\$375,000
MART	300901	UP TO 50% FEDERAL SHARE		\$2,100,000	\$0	\$0	\$0	\$2,100,000	\$0	\$0	\$4,200,000
MART	114220	ACQUIRE - MISC SUPPORT EQUIPMENT		\$80,000	\$20,000	\$0	\$0	\$0	\$0	\$0	\$100,000

## 2018 Transit projects

Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	RTACAP	MAP	ICB	SCA	TDC	Local Funds	Total Cost
PVTA	117A00	Preventive Maintenance		\$4,520,000	\$0	\$0	\$0	\$1,130,000	\$0	\$0	\$5,650,000
PVTA	117C00	ADA Operating Projects		\$1,231,541	\$0	\$0	\$0	\$307,885	\$0	\$0	\$1,539,426
PVTA	442301	Planning		\$221,400	\$0	\$0	\$0	\$55,350	\$0	\$0	\$276,750
PVTA	114406	Purchase & Replace Shop Equipment		\$116,000	\$29,000	\$0	\$0	\$0	\$0	\$0	\$145,000
PVTA	119302	Transit Enhancements: Shelters		\$100,000	\$25,000	\$0	\$0	\$0	\$0	\$0	\$125,000
PVTA	119308	Transit Enhancements: Signs/Lighting		\$12,000	\$3,000	\$0	\$0	\$0	\$0	\$0	\$15,000
PVTA	114211	Support Vehicle (1)		\$48,000	\$12,000	\$0	\$0	\$0	\$0	\$0	\$60,000
PVTA	114402	Environmental Compliance		\$60,000	\$15,000	\$0	\$0	\$0	\$0	\$0	\$75,000
PVTA	119306	Purchase bicycle Equipment for shelters and buses		\$4,000	\$1,000	\$0	\$0	\$0	\$0	\$0	\$5,000
PVTA	114411	Replacement Supervisory Vehicles (3)		\$80,000	\$20,000	\$0	\$0	\$0	\$0	\$0	\$100,000
PVTA	111215	Replacement Vans (4)		\$227,036	\$56,759	\$0	\$0	\$0	\$0	\$0	\$283,795
PVTA	111204	Replace Mini Buses for Shuttles (3)		\$216,000	\$54,000	\$0	\$0	\$0	\$0	\$0	\$270,000
PVTA	114402	Design/Construction Admin to retrofit SATCO to Paratransit		\$160,000	\$40,000	\$0	\$0	\$0	\$0	\$0	\$200,000
PVTA	114302	Cottage Street Design and Construction Administration, Year 2		\$3,909,174	\$0	\$0	\$0	\$0	\$977,294	\$0	\$3,909,174
PVTA	114401	Window and brick restoration, PVTA Admin & SATCO Admin		\$596,000	\$149,000	\$0	\$0	\$0	\$0	\$0	\$745,000
PVTA	111201	Replacement 40' Buses (4)		\$621,519	\$621,519	\$0	\$0	\$0	\$0	\$918,593	\$2,161,631
PVTA	114220	Misc. Communications Systems and ITS		\$2,320,000	\$580,000	\$0	\$0	\$0	\$0	\$0	\$2,900,000
MBTA	121200	Revenue Vehicle Program		\$76,000,000	\$0	\$0	\$0	\$0	\$0	\$19,000,000	\$95,000,000
MBTA	126301	Systemwide Signals Program		\$65,446,986	\$0	\$0	\$0	\$0	\$0	\$16,361,747	\$81,808,733
<b>Subtotal</b>				<b>\$204,872,538</b>	<b>\$9,108,853</b>	<b>\$0</b>	<b>\$0</b>	<b>\$26,344,778</b>	<b>\$1,582,736</b>	<b>\$39,393,130</b>	<b>\$279,719,299</b>
<b>5309</b>											
MBTA	132303	Green Line Extension Project		\$150,000,000	\$0	\$0	\$0	\$0	\$0	\$147,878,038	\$297,878,038
<b>Subtotal</b>				<b>\$150,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$147,878,038</b>	<b>\$297,878,038</b>
<b>5310</b>											
MassDOT	111200	Mobility Assistance Program		\$5,914,171	\$0	\$4,000,000	\$0	\$0	\$0	\$0	\$9,914,171
<b>Subtotal</b>				<b>\$5,914,171</b>	<b>\$0</b>	<b>\$4,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$9,914,171</b>
<b>5311</b>											
VTA	300901	UP TO 50% FEDERAL SHARE		\$872,933	\$0	\$0	\$0	\$872,933	\$0	\$0	\$1,745,866
NRTA	300900	OPERATING ASSISTANCE		\$549,043	\$0	\$0	\$0	\$394,651	\$0	\$154,392	\$1,098,086
FRTA	300900	OPERATING ASSISTANCE		\$1,126,321	\$0	\$0	\$0	\$775,233	\$0	\$351,088	\$2,252,642
MassDOT	300900	Rural Formula		\$3,749,029	\$0	\$0	\$0	\$0	\$0	\$3,749,029	\$7,498,058
<b>Subtotal</b>				<b>\$6,297,326</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,042,817</b>	<b>\$0</b>	<b>\$4,254,509</b>	<b>\$12,594,652</b>
<b>5337</b>											
WRTA	113403	TERMINAL, INTERMODAL (TRANSIT)		\$2,421,222	\$0	\$0	\$0	\$0	\$0	\$605,306	\$3,026,528
GATRA	123402	REHAB/RENOV - RAIL GARAGE STATION		\$811,181	\$0	\$0	\$0	\$0	\$0	\$202,795	\$1,013,976
MBTA	122405	Bridge & Tunnel Program		\$72,000,000	\$0	\$0	\$0	\$0	\$0	\$18,000,000	\$90,000,000
MBTA	123400	Stations and Facilities Program		\$50,401,533	\$0	\$0	\$0	\$0	\$0	\$12,600,383	\$63,001,916
MBTA	124400	System Upgrades Program		\$20,000,000	\$0	\$0	\$0	\$0	\$0	\$5,000,000	\$25,000,000
<b>Subtotal</b>				<b>\$145,633,936</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$36,408,484</b>	<b>\$182,042,420</b>
<b>5339</b>											
BRTA	111202	BUY REPLACEMENT 35-FT BUS (1) (5339)	2016 - \$58,096; 2017 - \$291,435	\$349,531	\$87,383	\$0	\$0	\$0	\$0	\$0	\$436,914
BRTA	111204	BUY REPLACEMENT <30 FT BUS (2) Fixed Route (5339)	2017 - \$153,798	\$153,798	\$38,450	\$0	\$0	\$0	\$0	\$0	\$192,248

## 2018 Transit projects

Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	RTACAP	MAP	ICB	SCA	TDC	Local Funds	Total Cost
CCRTA	113400	REHAB/RENOVATE BUS STATIONS		\$152,000	\$38,000	\$0	\$0	\$0	\$0	\$0	\$190,000
CCRTA	114211	ACQUIRE - SUPPORT VEHICLES		\$53,651	\$13,413	\$0	\$0	\$0	\$0	\$0	\$67,064
CCRTA	114207	ACQUIRE - ADP HARDWARE		\$24,000	\$6,000	\$0	\$0	\$0	\$0	\$0	\$30,000
CCRTA	114209	ACQUIRE - MOBILE SURV/SECURITY EQUIP		\$153,600	\$38,400	\$0	\$0	\$0	\$0	\$0	\$192,000
CCRTA	119302	CONSTRUCTION - BUS SHELTERS		\$25,600	\$6,400	\$0	\$0	\$0	\$0	\$0	\$32,000
CCRTA	117000	OTHER CAPITAL ITEMS (BUS)		\$660,000	\$165,000	\$0	\$0	\$0	\$0	\$0	\$825,000
CCRTA	114200	ACQUISITION OF BUS SUPPORT EQUIP/FACILITIES		\$71,235	\$17,809	\$0	\$0	\$0	\$0	\$0	\$89,044
CCRTA	114210	ACQUIRE - MOBILE FARE COLL EQUIP		\$113,448	\$28,362	\$0	\$0	\$0	\$0	\$0	\$141,810
CCRTA	442400	SHORT RANGE TRANSIT PLANNING		\$40,000	\$10,000	\$0	\$0	\$0	\$0	\$0	\$50,000
CCRTA	111203	BUY REPLACEMENT 30-FT BUS (3)	2016 - \$1,380,000	\$1,380,000	\$0	\$0	\$0	\$0	\$345,000	\$0	\$1,380,000
SRTA	111202	BUY REPLACEMENT 35-FT BUS (5)		\$396,408	\$1,694,820	\$0	\$0	\$0	\$0	\$0	\$2,091,228
WRTA	114303	CONSTRUCT - ADMIN/MAINT FACILITY		\$484,017	\$0	\$0	\$0	\$0	\$96,803	\$0	\$484,017
GATRA	111204	BUY REPLACEMENT <30 FT BUS - 4		\$260,000	\$0	\$0	\$0	\$0	\$0	\$65,000	\$325,000
MART	114403	REHAB/RENOVATE - ADMIN/MAINT FACILITY	2017 - \$80,000	\$80,000	\$20,000	\$0	\$0	\$0	\$0	\$0	\$100,000
MART	114208	ACQUIRE - ADP SOFTWARE	2016 - \$207,800; 2017 - \$152,200	\$360,000	\$90,000	\$0	\$0	\$0	\$0	\$0	\$450,000
PVTA	111216	Purchase - Replacement: Vans (23)		\$1,186,905	\$312,426	\$0	\$0	\$0	\$0	\$0	\$1,499,331
MassDOT	111200	Bus and Bus Facilities (Statewide)		\$1,721,158	\$0	\$0	\$0	\$0	\$0	\$430,290	\$2,151,448
MBTA	111400	Bus Program		\$5,318,786	\$0	\$0	\$0	\$0	\$0	\$1,329,696	\$6,648,482
<b>Subtotal</b>				<b>\$12,984,137</b>	<b>\$2,566,463</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$441,803</b>	<b>\$1,824,986</b>	<b>\$17,375,586</b>
<b>5320</b>				<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Other Federal</b>				<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Subtotal</b>				<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Other Non-Federal</b>											
MWRTA	115320	CONSTRUCT MISC ELEC/POWER EQUIP		\$0	\$750,000	\$0	\$0	\$0	\$0	\$0	\$750,000
BAT	300900	OPERATING ASSISTANCE - Rockland Service		\$0	\$0	\$0	\$0	\$50,000	\$0	\$50,000	\$100,000
BAT	300900	OPERATING ASSISTANCE - Avon-Stoughton		\$0	\$0	\$0	\$0	\$28,000	\$0	\$28,000	\$56,000
BAT	300900	OPERATING ASSISTANCE - Saturday Evening Service		\$0	\$0	\$0	\$0	\$75,000	\$0	\$75,000	\$150,000
BAT	300900	OPERATING ASSISTANCE - Sunday Service		\$0	\$0	\$0	\$0	\$175,000	\$0	\$175,000	\$350,000
BRTA	111202	BUY REPLACEMENT 35-FT BUS (1)		\$0	\$53,178	\$0	\$0	\$0	\$0	\$0	\$53,178
VTA	114220	ACQUIRE - MISC SUPPORT EQUIPMENT		\$0	\$250,000	\$0	\$0	\$0	\$0	\$0	\$250,000
VTA	114206	ACQUIRE - SHOP EQUIPMENT		\$0	\$50,000	\$0	\$0	\$0	\$0	\$0	\$50,000
VTA	111403	Rehab/Rebuild: Buses		\$0	\$60,000	\$0	\$0	\$0	\$0	\$0	\$60,000
VTA	111203	BUY REPLACEMENT 30-FT BUS (2)		\$0	\$1,100,000	\$0	\$0	\$0	\$0	\$0	\$1,100,000
VTA	111202	BUY REPLACEMENT 35-FT BUS (2)		\$0	\$1,380,000	\$0	\$0	\$0	\$0	\$0	\$1,380,000
VTA	113401	REHAB/RENOVATE - BUS TERMINAL		\$0	\$100,000	\$0	\$0	\$0	\$0	\$0	\$100,000
VTA	113310	CONSTRUCT - BUS PASSENGER SHELTERS		\$0	\$50,000	\$0	\$0	\$0	\$0	\$0	\$50,000
VTA	111215	BUY REPLACEMENT Minibuses (2)		\$0	\$170,000	\$0	\$0	\$0	\$0	\$0	\$170,000
MVRTA	113303	Newburyport Intermodal Transit Facility Year 1		\$0	\$2,500,000	\$0	\$0	\$0	\$0	\$0	\$2,500,000

## 2018 Transit projects

Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	RTACAP	MAP	ICB	SCA	TDC	Local Funds	Total Cost
NRTA	114306	CONSTRUCT - SHOP EQUIPMENT		\$0	\$15,000	\$0	\$0	\$0	\$0	\$0	\$15,000
NRTA	1000002	PREVENTIVE MAINTENANCE		\$0	\$10,000	\$0	\$0	\$0	\$0	\$0	\$10,000
NRTA	114403	REHAB/RENOVATE - ADMIN/MAINT FACILITY		\$0	\$50,000	\$0	\$0	\$0	\$0	\$0	\$50,000
NRTA	114410	REHAB/RENOVATE - MOBILE FARE COLL EQUIP		\$0	\$50,000	\$0	\$0	\$0	\$0	\$0	\$50,000
NRTA	995000	TRAVELER INFORMATION		\$0	\$30,000	\$0	\$0	\$0	\$0	\$0	\$30,000
NRTA	114309	CONSTRUCT - MOBILE SURVEILL/SECURITY EQUIP		\$0	\$85,000	\$0	\$0	\$0	\$0	\$0	\$85,000
NRTA	119308	CONSTRUCT SIGNAGE		\$0	\$3,000	\$0	\$0	\$0	\$0	\$0	\$3,000
LRTA	111240	BUY ASSOC CAP MAINT ITEMS (IT EQUIPMENT)		\$0	\$10,000	\$0	\$0	\$0	\$0	\$0	\$10,000
LRTA	111240	BUY ASSOC CAP MAINT ITEMS		\$0	\$50,000	\$0	\$0	\$0	\$0	\$0	\$50,000
LRTA	117691	REAL ESTATE ACQUISITION		\$0	\$425,000	\$0	\$0	\$0	\$0	\$0	\$425,000
LRTA	113403	Construct Pedestrian Walkway at Gallagher Intermodal Center		\$0	\$600,000	\$0	\$0	\$0	\$0	\$0	\$600,000
FRTA	114406	Rehab/Renovation: Shop Equipment		\$0	\$37,500	\$0	\$0	\$0	\$0	\$0	\$37,500
FRTA	111203	BUY REPLACEMENT 30-FT BUS		\$0	\$870,000	\$0	\$0	\$0	\$0	\$0	\$870,000
FRTA	114220	ACQUIRE - MISC SUPPORT EQUIPMENT		\$0	\$21,000	\$0	\$0	\$0	\$0	\$0	\$21,000
FRTA	114102	MAINT FACILITY - EQUIPT/SUPPOR		\$0	\$1,000,000	\$0	\$0	\$0	\$0	\$0	\$1,000,000
FRTA	113120	ENG/DESIGN - MISC BUS STATION EQUIPMENT		\$0	\$45,000	\$0	\$0	\$0	\$0	\$0	\$45,000
FRTA	114208	ACQUIRE - ADP SOFTWARE		\$0	\$30,000	\$0	\$0	\$0	\$0	\$0	\$30,000
FRTA	119302	CONSTRUCTION - BUS SHELTERS		\$0	\$17,500	\$0	\$0	\$0	\$0	\$0	\$17,500
PVTA	114302	Construct Cottage Street Facility, Year 2		\$0	\$36,779,497	\$0	\$0	\$0	\$0	\$0	\$36,779,497
MassDOT	900000	Transit Technical Assistance		\$0	\$2,000,000	\$0	\$0	\$0	\$0	\$0	\$2,000,000
<b>Subtotal</b>				<b>\$0</b>	<b>\$48,591,675</b>	<b>\$0</b>	<b>\$0</b>	<b>\$328,000</b>	<b>\$0</b>	<b>\$328,000</b>	<b>\$49,247,675</b>
<b>Total</b>				<b>\$525,702,108</b>	<b>\$60,266,991</b>	<b>\$4,000,000</b>	<b>\$0</b>	<b>\$28,715,595</b>	<b>\$2,024,539</b>	<b>\$230,087,147</b>	<b>\$848,771,841</b>

## 2019 Transit projects

Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	RTACAP	MAP	ICB	SCA	TDC	Local Funds	Total Cost
<b>5307</b>											
BRTA	117A00	PREVENTIVE MAINTENANCE		\$120,000	\$30,000	\$0	\$0	\$0	\$0	\$0	\$150,000
BRTA	113407	REHAB/RENOVATE - BUS SURVEILL/SECURITY SYSTEM		\$20,000	\$5,000	\$0	\$0	\$0	\$0	\$0	\$25,000
BRTA	123410	REHAB/RENOV - PASSENGER AMENITIES		\$40,000	\$10,000	\$0	\$0	\$0	\$0	\$0	\$50,000
CATA	117A00	PREVENTIVE MAINTENANCE	2017 - \$92,000; 2018 - \$450,000	\$542,000	\$0	\$0	\$0	\$0	\$0	\$135,500	\$677,500
CATA	114206	ACQUIRE - SHOP EQ/COMPUTER/SFTWR	2018 - \$44,000	\$44,000	\$11,000	\$0	\$0	\$0	\$0	\$0	\$55,000
CATA	114220	ACQUIRE - MISC SUPPORT EQUIPMENT	2018 - \$30,055	\$30,055	\$7,514	\$0	\$0	\$0	\$0	\$0	\$37,569
CCRTA	300900	OPERATING ASSISTANCE	2018 - \$600,000	\$600,000	\$0	\$0	\$0	\$600,000	\$0	\$0	\$1,200,000
CCRTA	117C00	NON FIXED ROUTE ADA PARA SERV	2018 - \$542,769	\$542,769	\$0	\$0	\$0	\$135,692	\$0	\$0	\$678,461
CCRTA	117A00	PREVENTIVE MAINTENANCE	2018 - \$5,258,400	\$5,258,400	\$0	\$0	\$0	\$1,102,100	\$0	\$212,500	\$6,573,000
CCRTA	117L00	MOBILITY MANAGEMENT	2018 - \$1,231,001	\$1,231,001	\$0	\$0	\$0	\$307,750	\$0	\$0	\$1,538,751
CCRTA	114200	ACQUISITION OF BUS SUPPORT EQUIP/FACILITIES	2018 - \$56,516	\$56,516	\$14,129	\$0	\$0	\$0	\$0	\$0	\$70,645
CCRTA	114207	ACQUIRE - ADP HARDWARE	2018 - \$25,702	\$25,702	\$6,425	\$0	\$0	\$0	\$0	\$0	\$32,127
CCRTA	117000	OTHER CAPITAL ITEMS (BUS)	2018 - \$672,000	\$672,000	\$168,000	\$0	\$0	\$0	\$0	\$0	\$840,000
GATRA	111215	BUY REPLACEMENT VAN - 6		\$380,000	\$0	\$0	\$0	\$0	\$0	\$95,000	\$475,000
GATRA	119203	PURCHASE LANDSCAPING / SCENIC BEAUTIFICATION	2018 - \$32,000	\$32,000	\$8,000	\$0	\$0	\$0	\$0	\$0	\$40,000
GATRA	114220	ACQUIRE - MISC SUPPORT EQUIPMENT	2018 - \$60,000	\$60,000	\$15,000	\$0	\$0	\$0	\$0	\$0	\$75,000
GATRA	117C00	NON FIXED ROUTE ADA PARA SERV	2018 - \$443,044	\$1,000,000	\$0	\$0	\$0	\$250,000	\$0	\$0	\$1,250,000
GATRA	117A00	PREVENTIVE MAINTENANCE	2018 - \$2,019,061	\$2,800,000	\$0	\$0	\$0	\$700,000	\$0	\$0	\$3,500,000
GATRA	300901	OPERATING ASSISTANCE		\$500,000	\$0	\$0	\$0	\$500,000	\$0	\$0	\$1,000,000
GATRA	442400	SHORT RANGE TRANSIT PLANNING	2018 - \$80,000	\$80,000	\$0	\$0	\$0	\$20,000	\$0	\$0	\$100,000
GATRA	111303	BUY 30-FT BUS FOR EXPANSION - 2	2018 - \$800,000	\$800,000	\$200,000	\$0	\$0	\$0	\$0	\$0	\$1,000,000
GATRA	111204	BUY REPLACEMENT <30 FT BUS - 3	2018 - \$180,000	\$180,000	\$0	\$0	\$0	\$0	\$0	\$45,000	\$225,000
GATRA	111203	BUY REPLACEMENT 30-FT BUS - 3	2018 - \$31,070	\$1,280,000	\$320,000	\$0	\$0	\$0	\$0	\$0	\$1,600,000
LRTA	300901	OPERATING ASSISTANCE 2019	2017 - \$1,041,702; 2018 - \$438,825	\$1,480,527	\$0	\$0	\$0	\$3,457,328	\$0	\$2,772,183	\$7,710,038
LRTA	117A00	PREVENTIVE MAINTENANCE 2019	2018 - \$968,254	\$1,348,050	\$0	\$0	\$0	\$337,013	\$0	\$0	\$1,685,063
LRTA	442400	SHORT RANGE TRANSIT PLANNING 2019	2018 - \$80,000	\$80,000	\$0	\$0	\$0	\$0	\$0	\$20,000	\$100,000
LRTA	111240	BUY CAPITAL SPARE PARTS 2019	2018 - \$80,000	\$80,000	\$20,000	\$0	\$0	\$0	\$0	\$0	\$100,000
LRTA	114211	ACQUIRE - ADMINISTRATIVE SUPPORT VEHICLE	2018 - \$28,000	\$28,000	\$7,000	\$0	\$0	\$0	\$0	\$0	\$35,000
LRTA	114220	Terminal& Building Equipment and Maintenance		\$40,000	\$100,000	\$0	\$0	\$0	\$0	\$0	\$140,000
MVRTA		Preventative Maintenance Expense		\$2,600,075	\$0	\$0	\$0	\$650,020	\$0	\$0	\$3,250,095
MVRTA		ADA Operating Expense		\$1,165,135	\$0	\$0	\$0	\$291,285	\$0	\$0	\$1,456,420
MVRTA	442400	SHORT RANGE TRANSIT PLANNING		\$80,000	\$0	\$0	\$0	\$0	\$0	\$20,000	\$100,000
MVRTA	300900	OPERATING ASSISTANCE		\$390,125	\$0	\$0	\$0	\$390,125	\$0	\$0	\$780,250
MVRTA	111302	Purchase 3 new 35' buses delivery 2019	2018 - \$1,075,800	\$1,075,800	\$268,950	\$0	\$0	\$0	\$0	\$0	\$1,344,750
MVRTA	114211	Replace 1 Model Yr 2013 Support Vehicle		\$39,200	\$9,800	\$0	\$0	\$0	\$0	\$0	\$49,000
SRTA	117A00	PREVENTIVE MAINTENANCE	2016 - \$640,000	\$640,000	\$160,000	\$0	\$0	\$0	\$0	\$0	\$800,000
SRTA	442400	SHORT RANGE TRANSIT PLANNING	2017 - \$96,000	\$96,000	\$0	\$0	\$0	\$0	\$0	\$24,000	\$120,000
SRTA	300901	UP TO 50% FEDERAL SHARE	2016 - \$5,380,765	\$5,380,765	\$0	\$0	\$0	\$5,941,233	\$0	\$0	\$11,321,998

## 2019 Transit projects

Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	RTACAP	MAP	ICB	SCA	TDC	Local Funds	Total Cost
SRTA	114220	ACQUIRE - MISC SUPPORT EQUIPMENT	2016 - \$8,000	\$8,000	\$2,000	\$0	\$0	\$0	\$0	\$0	\$10,000
SRTA	111202	BUY REPLACEMENT 35-FT BUS (5)	2016 - \$275,398; 2018 - \$147,457	\$422,855	\$1,691,420	\$0	\$0	\$0	\$0	\$0	\$2,114,275
SRTA	300900	ADA Assistance	2016 - \$160,000	\$160,000	\$0	\$0	\$0	\$40,000	\$0	\$0	\$200,000
SRTA	114220	ACQUIRE - Transit Enhancements	2016 - \$8,000	\$8,000	\$2,000	\$0	\$0	\$0	\$0	\$0	\$10,000
SRTA	111215	BUY REPLACEMENT VAN	2016 - \$45,600	\$45,600	\$11,400	\$0	\$0	\$0	\$0	\$0	\$57,000
SRTA	112120	ENG/DESIGN - ITS	2017 - \$619,053; 2018 - \$18,987	\$638,040	\$159,510	\$0	\$0	\$0	\$0	\$0	\$797,550
SRTA	114211	ACQUIRE - SUPPORT VEHICLES	2017 - \$28,000	\$28,000	\$7,000	\$0	\$0	\$0	\$0	\$0	\$35,000
SRTA	114409	REHAB/RENOVATE - MOBILE SURVEILL/SECURITY EQUIP	2018 - \$80,000	\$80,000	\$20,000	\$0	\$0	\$0	\$0	\$0	\$100,000
SRTA	111340	BUY Hybrid Battery (1)	2018 - \$36,800	\$36,800	\$9,200	\$0	\$0	\$0	\$0	\$0	\$46,000
WRTA	114211	ACQUIRE - SUPPORT VEHICLES		\$68,000	\$17,000	\$0	\$0	\$0	\$0	\$0	\$85,000
WRTA	111240	BUY ASSOC CAP MAINT ITEMS		\$518,508	\$129,627	\$0	\$0	\$0	\$0	\$0	\$648,135
WRTA	114207	ACQUIRE - ADP HARDWARE		\$20,000	\$5,000	\$0	\$0	\$0	\$0	\$0	\$25,000
WRTA	114208	ACQUIRE - ADP SOFTWARE		\$33,600	\$8,400	\$0	\$0	\$0	\$0	\$0	\$42,000
WRTA	119202	PURCHASE BUS SHELTERS		\$30,000	\$7,500	\$0	\$0	\$0	\$0	\$0	\$37,500
WRTA	119208	PURCHASE SIGNAGE		\$16,000	\$4,000	\$0	\$0	\$0	\$0	\$0	\$20,000
WRTA	113401	REHAB/RENOVATE - BUS TERMINAL		\$8,000	\$2,000	\$0	\$0	\$0	\$0	\$0	\$10,000
WRTA	114303	CONSTRUCT - ADMIN/MAINT FACILITY		\$2,929,197	\$0	\$0	\$0	\$0	\$585,839	\$0	\$2,929,197
WRTA	111215	Miscellaneous Equipment		\$89,600	\$22,400	\$0	\$0	\$0	\$0	\$0	\$112,000
PVTA	114406	Purchase & Replace Shop Equipment	2018 - \$480,000	\$480,000	\$120,000	\$0	\$0	\$0	\$0	\$0	\$600,000
PVTA	114402	REHAB/RENOVATE - Environmental Compliance	2018 - \$120,000	\$120,000	\$30,000	\$0	\$0	\$0	\$0	\$0	\$150,000
PVTA	119302	Purchase Bus Shelters, benches, trash receptacles, etc.	2018 - \$100,000	\$100,000	\$25,000	\$0	\$0	\$0	\$0	\$0	\$125,000
PVTA	119308	Purchase & Replace signage and lighting	2018 - \$12,000	\$12,000	\$3,000	\$0	\$0	\$0	\$0	\$0	\$15,000
PVTA	119306	Purchase bicycle Equipment for shelters and buses	2018 - \$4,000	\$4,000	\$1,000	\$0	\$0	\$0	\$0	\$0	\$5,000
PVTA	442400	Transportation Planning	2018 - \$226,935	\$226,935	\$0	\$0	\$0	\$56,734	\$0	\$0	\$283,669
PVTA	117C00	ADA Service subsidy	2018 - \$1,250,014	\$1,250,014	\$0	\$0	\$0	\$312,504	\$0	\$0	\$1,562,518
PVTA	117A00	Preventive Maintenance	2018 - \$4,633,000	\$4,633,000	\$0	\$0	\$0	\$1,158,250	\$0	\$0	\$5,791,250
PVTA	114211	Purchase & Replace support vehicles	2018 - \$520,000	\$520,000	\$130,000	\$0	\$0	\$0	\$0	\$0	\$650,000
PVTA	114411	Purchase replacement supervisory vehicles (1)i	2018 - \$28,000	\$28,000	\$7,000	\$0	\$0	\$0	\$0	\$0	\$35,000
PVTA	116220	Information Technology Systems	2018 - \$2,600,000	\$2,600,000	\$650,000	\$0	\$0	\$0	\$0	\$0	\$3,250,000
BAT	114220	ACQUIRE - MISC SUPPORT EQUIPMENT	2017 - \$80,000	\$80,000	\$20,000	\$0	\$0	\$0	\$0	\$0	\$100,000
BAT	111240	ACQUIRE ASSOC CAP MAINT ITEMS	2017 - \$80,000	\$80,000	\$20,000	\$0	\$0	\$0	\$0	\$0	\$100,000
BAT	114211	ACQUIRE - REPLACEMENT SUPPORT VEHICLE (1)	2017 - \$24,000	\$24,000	\$6,000	\$0	\$0	\$0	\$0	\$0	\$30,000
BAT	114409	REHAB/RENOVATE - MOBILE SURVEILL/SECURITY EQUIP	2017 - \$255,619; 2018 - \$64,381	\$320,000	\$80,000	\$0	\$0	\$0	\$0	\$0	\$400,000
BAT	114220	ACQUIRE - MISC SUPPORT EQUIPMENT	2017 - \$320,000	\$320,000	\$80,000	\$0	\$0	\$0	\$0	\$0	\$400,000
BAT	300900	Operating/PM/ADA	2018 - \$2,400,000	\$2,400,000	\$0	\$0	\$0	\$2,400,000	\$0	\$0	\$4,800,000
BAT	111203	ACQUIRE REPLACEMENT 30-FT BUS (4 BSU)	2017 - \$200,000	\$200,000	\$800,000	\$0	\$0	\$0	\$0	\$0	\$1,000,000
BAT	111700	VEH OVERHAUL (UP TO 20% VEH MAINT) (5)	2017 - \$190,000	\$190,000	\$760,000	\$0	\$0	\$0	\$0	\$0	\$950,000

## 2019 Transit projects

Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	RTACAP	MAP	ICB	SCA	TDC	Local Funds	Total Cost
BAT	114409	REHAB/RENOVATE - SURVEILL/SECURITY EQUIP FENCING	2017 - \$48,000	\$48,000	\$12,000	\$0	\$0	\$0	\$0	\$0	\$60,000
MART	111215	BUY REPLACEMENT VAN (5)		\$264,000	\$66,000	\$0	\$0	\$0	\$0	\$0	\$330,000
MART	113403	TERMINAL, INTERMODAL (TRANSIT)		\$24,000	\$6,000	\$0	\$0	\$0	\$0	\$0	\$30,000
MART	117C00	NON FIXED ROUTE ADA PARA SERV		\$300,000	\$0	\$0	\$0	\$75,000	\$0	\$0	\$375,000
MART	300901	UP TO 50% FEDERAL SHARE		\$2,100,000	\$0	\$0	\$0	\$2,100,000	\$0	\$0	\$4,200,000
MWRTA	113303	TERMINAL, INTERMODAL (TRANSIT): Facil. Improvements	2018 - \$150,000	\$150,000	\$37,500	\$0	\$0	\$0	\$0	\$0	\$187,500
MWRTA	117C00	NON FIXED ROUTE ADA PARA SERV	2018 - \$1,300,000	\$1,300,000	\$0	\$0	\$0	\$325,000	\$0	\$0	\$1,625,000
MWRTA	114200	ACQUISITION OF BUS SUPPORT EQUIP/FACILITIES	2018 - \$248,415	\$248,415	\$62,104	\$0	\$0	\$0	\$0	\$0	\$310,519
MWRTA	440000	Mobility Management	2018 - \$25,000	\$25,000	\$6,250	\$0	\$0	\$0	\$0	\$0	\$31,250
PVTA	114302	Cottage Street Design and Construction Administration, Year 3	2018 - \$2,160,579	\$2,160,579	\$0	\$0	\$0	\$0	\$540,145	\$0	\$2,160,579
LRTA	111202	BUY REPLACEMENT 35-FT BUS (10)	2017 - \$132,678	\$1,150,000	\$3,450,000	\$0	\$0	\$0	\$0	\$0	\$4,600,000
WRTA	114220	ACQUIRE - MISC SUPPORT EQUIPMENT		\$8,240	\$2,060	\$0	\$0	\$0	\$0	\$0	\$10,300
BAT	114410	REHAB/RENOVATE - MOBILE FARE COLL EQUIP	2017 - \$400,000	\$400,000	\$100,000	\$0	\$0	\$0	\$0	\$0	\$500,000
BAT	114402	REHAB/RENOVATE - MAINTENANCE Roof	2018 - \$40,000	\$40,000	\$10,000	\$0	\$0	\$0	\$0	\$0	\$50,000
BRTA	111204	BUY REPLACEMENT <30 FT BUS		\$76,899	\$19,225	\$0	\$0	\$0	\$0	\$0	\$96,124
MART	114406	REHAB/RENOVATE - SHOP EQUIPMENT		\$32,000	\$8,000	\$0	\$0	\$0	\$0	\$0	\$40,000
MART	119202	PURCHASE BUS SHELTERS		\$40,000	\$10,000	\$0	\$0	\$0	\$0	\$0	\$50,000
MART	111204	BUY REPLACEMENT <30 FT BUS (3)		\$360,000	\$90,000	\$0	\$0	\$0	\$0	\$0	\$450,000
MART	114403	REHAB/RENOVATE - ADMIN/MAINT FACILITY		\$120,000	\$30,000	\$0	\$0	\$0	\$0	\$0	\$150,000
MART	114220	ACQUIRE - MISC SUPPORT EQUIPMENT		\$96,000	\$24,000	\$0	\$0	\$0	\$0	\$0	\$120,000
BAT	114402	REHAB/RENOVATE - MAINTENANCE FACILITY - Windows	2016 - \$80,000	\$80,000	\$20,000	\$0	\$0	\$0	\$0	\$0	\$100,000
WRTA	300901	UP TO 50% FEDERAL SHARE	2018 - \$4,853,568	\$5,831,386	\$0	\$0	\$0	\$5,831,386	\$0	\$0	\$11,662,772
PVTA	111215	BUY REPLACEMENT VAN (7)	2018 - \$365,616	\$365,616	\$91,404	\$0	\$0	\$0	\$0	\$0	\$457,020
MBTA	121200	Revenue Vehicle Program		\$112,000,000	\$0	\$0	\$0	\$0	\$0	\$28,000,000	\$140,000,000
MBTA	123400	Stations and Facilities Program		\$31,445,210	\$0	\$0	\$0	\$0	\$0	\$7,861,303	\$39,306,513
BRTA	111204	BUY REPLACEMENT <30 FT BUS (2) Fixed Route	2018 - \$153,798	\$153,798	\$38,450	\$0	\$0	\$0	\$0	\$0	\$192,248
<b>Subtotal</b>				<b>\$208,365,412</b>	<b>\$10,274,268</b>	<b>\$0</b>	<b>\$0</b>	<b>\$26,981,420</b>	<b>\$1,125,984</b>	<b>\$39,185,486</b>	<b>\$284,806,586</b>
<b>5309</b>											
MBTA	132303	Green Line Extension Project		\$150,000,000	\$0	\$0	\$0	\$0	\$0	\$147,848,038	\$297,848,038
<b>Subtotal</b>				<b>\$150,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$147,848,038</b>	<b>\$297,848,038</b>
<b>5310</b>											
MassDOT	111200	Mobility Assistance Program		\$5,974,566	\$0	\$4,000,000	\$0	\$0	\$0	\$0	\$9,974,566
<b>Subtotal</b>				<b>\$5,974,566</b>	<b>\$0</b>	<b>\$4,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$9,974,566</b>
<b>5311</b>											
FRTA	300900	OPERATING ASSISTANCE	2018 - \$1,165,003	\$1,165,003	\$0	\$0	\$0	\$1,059,660	\$0	\$359,865	\$2,584,528
NRTA	300900	Rural Operating Assistance	2018 - \$554,856	\$554,856	\$0	\$0	\$0	\$0	\$0	\$554,856	\$1,109,712
MassDOT	300900	Rural Formula		\$3,749,029	\$0	\$0	\$0	\$0	\$0	\$3,749,029	\$7,498,058
VTA	300901	UP TO 50% FEDERAL SHARE		\$1,500,000	\$0	\$0	\$0	\$1,500,000	\$0	\$0	\$3,000,000

## 2019 Transit projects

Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	RTACAP	MAP	ICB	SCA	TDC	Local Funds	Total Cost
<b>Subtotal</b>				<b>\$6,968,888</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,559,660</b>	<b>\$0</b>	<b>\$4,663,750</b>	<b>\$14,192,298</b>
<b>5337</b>											
WRTA	113403	TERMINAL, INTERMODAL (TRANSIT)		\$2,445,435	\$0	\$0	\$0	\$0	\$0	\$611,359	\$3,056,794
GATRA	123402	REHAB/RENOV - RAIL STATION	2016 - \$930,543	\$930,543	\$0	\$0	\$0	\$0	\$0	\$232,636	\$1,163,179
MBTA	123400	Stations and Facilities Program		\$136,853,672	\$0	\$0	\$0	\$0	\$0	\$34,213,418	\$171,067,090
MBTA	124400	System Upgrades Program	2018 - \$8,000,000	\$8,000,000	\$0	\$0	\$0	\$0	\$0	\$2,000,000	\$10,000,000
<b>Subtotal</b>				<b>\$148,229,650</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$37,057,413</b>	<b>\$185,287,063</b>
<b>5339</b>											
CCRTA	113400	REHAB/RENOVATE BUS STATIONS	2018 - \$456,000	\$456,000	\$114,000	\$0	\$0	\$0	\$0	\$0	\$570,000
CCRTA	119302	CONSTRUCTION - BUS SHELTERS	2018 - \$26,400	\$26,400	\$6,600	\$0	\$0	\$0	\$0	\$0	\$33,000
CCRTA	114211	ACQUIRE - SUPPORT VEHICLES	2018 - \$99,586	\$99,586	\$24,896	\$0	\$0	\$0	\$0	\$0	\$124,482
WRTA	114303	CONSTRUCT - ADMIN/MAINT FACILITY		\$498,538	\$0	\$0	\$0	\$0	\$99,708	\$0	\$498,538
PVTA	111215	Purchase Replacement Vans (27)	2018 - \$849,907	\$849,907	\$1,005,854	\$0	\$0	\$0	\$0	\$0	\$1,855,761
MassDOT	111200	Bus and Bus Facilities (Statewide)		\$1,721,158	\$0	\$0	\$0	\$0	\$0	\$430,290	\$2,151,448
CCRTA	111203	BUY REPLACEMENT 30-FT BUS	2018 - \$1,421,400	\$1,421,400	\$0	\$0	\$0	\$0	\$0	\$0	\$1,421,400
MBTA	111400	Bus Program		\$5,434,322	\$0	\$0	\$0	\$0	\$0	\$1,358,581	\$6,792,903
CCRTA	442400	SHORT RANGE TRANSIT PLANNING	2018 - \$40,000	\$40,000	\$10,000	\$0	\$0	\$0	\$0	\$0	\$50,000
<b>Subtotal</b>				<b>\$10,547,311</b>	<b>\$1,161,350</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$99,708</b>	<b>\$1,788,871</b>	<b>\$13,497,532</b>
<b>5320</b>											
<b>Subtotal</b>				<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Other Federal</b>											
<b>Subtotal</b>				<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Other Non-Federal</b>											
FRTA	111204	BUY REPLACEMENT <30 FT BUS		\$0	\$600,000	\$0	\$0	\$0	\$0	\$0	\$600,000
FRTA	114102	MAINT FACILITY - EQUIPT/SUPPORT		\$0	\$951,250	\$0	\$0	\$0	\$0	\$0	\$951,250
LRTA	111240	BUY ASSOC CAP MAINT ITEMS (IT EQUIPMENT)		\$0	\$10,000	\$0	\$0	\$0	\$0	\$0	\$10,000
VTA	111202	BUY REPLACEMENT 35-FT BUS (4)		\$0	\$1,800,000	\$0	\$0	\$0	\$0	\$0	\$1,800,000
VTA	114403	REHAB/RENOVATE - ADMIN/MAINT FACILITY		\$0	\$150,000	\$0	\$0	\$0	\$0	\$0	\$150,000
VTA	114220	ACQUIRE - MISC SUPPORT EQUIPMENT		\$0	\$75,000	\$0	\$0	\$0	\$0	\$0	\$75,000
VTA	114220	ACQUIRE - MISC SUPPORT EQUIPMENT		\$0	\$750,000	\$0	\$0	\$0	\$0	\$0	\$750,000
VTA	113310	CONSTRUCT - BUS PASSENGER SHELTERS		\$0	\$50,000	\$0	\$0	\$0	\$0	\$0	\$50,000
VTA	114403	REHAB/RENOVATE - ADMIN/MAINT FACILITY		\$0	\$250,000	\$0	\$0	\$0	\$0	\$0	\$250,000
NRTA	1000002	PREVENTIVE MAINTENANCE		\$0	\$10,000	\$0	\$0	\$0	\$0	\$0	\$10,000
NRTA	111204	BUY REPLACEMENT <30 FT BUS		\$0	\$280,000	\$0	\$0	\$0	\$0	\$0	\$280,000
NRTA	116403	REHAB/RENOV RADIOS		\$0	\$5,000	\$0	\$0	\$0	\$0	\$0	\$5,000
NRTA	114400	REHAB/RENOVATE BUS SUPPORT FACIL/EQUIP		\$0	\$50,000	\$0	\$0	\$0	\$0	\$0	\$50,000
NRTA	115404	REHAB/RENOV VEHICLE LOCATOR SYSTEM		\$0	\$50,000	\$0	\$0	\$0	\$0	\$0	\$50,000
NRTA	114410	REHAB/RENOVATE - MOBILE FARE COLL EQUIP		\$0	\$75,000	\$0	\$0	\$0	\$0	\$0	\$75,000
NRTA	114420	REHAB/RENOVATE - MISC SUPPORT EQUIPMENT		\$0	\$60,000	\$0	\$0	\$0	\$0	\$0	\$60,000
NRTA	995000	TRAVELER INFORMATION		\$0	\$30,000	\$0	\$0	\$0	\$0	\$0	\$30,000
PVTA	114302	Retrofit SATCO facility to paratransit		\$0	\$525,000	\$0	\$0	\$0	\$0	\$0	\$525,000



## 2019 Transit projects

Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	RTACAP	MAP	ICB	SCA	TDC	Local Funds	Total Cost
MassDOT	900000	Transit Technical Assistance		\$0	\$2,000,000	\$0	\$0	\$0	\$0	\$0	\$2,000,000
VTA	119309	CONSTRUCT ENHANCED ADA ACCESS		\$0	\$1,000,000	\$0	\$0	\$0	\$0	\$0	\$1,000,000
MVRTA	113303	Newburyport Intermodal Transit Facility Year 2		\$0	\$2,500,000	\$0	\$0	\$0	\$0	\$0	\$2,500,000
PVTA	114302	Cottage Street Construction, Year 3		\$0	\$9,824,862	\$0	\$0	\$0	\$0	\$0	\$9,824,862
LRTA	117693	REAL ESTATE DEMOLITION & SITE WORK		\$0	\$250,000	\$0	\$0	\$0	\$0	\$0	\$250,000
VTA	113209	ACQUIRE - BUS ROUTE SIGNING		\$0	\$20,000	\$0	\$0	\$0	\$0	\$0	\$20,000
VTA	116402	REHAB/RENOV COMMUNICATIONS SYSTEM		\$0	\$50,000	\$0	\$0	\$0	\$0	\$0	\$50,000
CATA	111209	BUY REPLACEMENT TROLLEY BUS		\$0	\$900,000	\$0	\$0	\$0	\$0	\$0	\$900,000
NRTA	114407	REHAB/RENOVATE - ADP HARDWARE		\$0	\$3,000	\$0	\$0	\$0	\$0	\$0	\$3,000
FRTA	113120	ENG/DESIGN - MISC BUS STATION EQUIPMENT		\$0	\$35,000	\$0	\$0	\$0	\$0	\$0	\$35,000
FRTA	113320	CONSTRUCT - MISC BUS STATION EQUIPMENT		\$0	\$50,000	\$0	\$0	\$0	\$0	\$0	\$50,000
FRTA	116102	ENG/DESIGN COMMUNICATIONS SYSTEM		\$0	\$50,000	\$0	\$0	\$0	\$0	\$0	\$50,000
FRTA	114208	ACQUIRE - ADP SOFTWARE		\$0	\$10,000	\$0	\$0	\$0	\$0	\$0	\$10,000
FRTA	117111	OTHER 3RD PARTY CONTRACTUAL SERVICES		\$0	\$50,000	\$0	\$0	\$0	\$0	\$0	\$50,000
CCRTA	111204	BUY REPLACEMENT <30 FT BUS		\$0	\$225,000	\$0	\$0	\$0	\$0	\$0	\$225,000
MVRTA	111202	Replacement Buses - cleaner fuel (CMAQ Match on HWY TIP)		\$0	\$139,708	\$0	\$0	\$0	\$0	\$0	\$139,708
BAT	300900	OPERATING ASSISTANCE - Rockland		\$0	\$0	\$0	\$0	\$50,000	\$0	\$50,000	\$100,000
BAT	300900	OPERATING ASSISTANCE - Avon-Stoughton		\$0	\$0	\$0	\$0	\$30,000	\$0	\$30,000	\$60,000
BAT	300900	OPERATING ASSISTANCE - Saturday Evening Service		\$0	\$0	\$0	\$0	\$75,000	\$0	\$75,000	\$150,000
BAT	300900	OPERATING ASSISTANCE - Sunday Service		\$0	\$0	\$0	\$0	\$175,000	\$0	\$175,000	\$350,000
<b>Subtotal</b>				<b>\$0</b>	<b>\$22,828,820</b>	<b>\$0</b>	<b>\$0</b>	<b>\$330,000</b>	<b>\$0</b>	<b>\$330,000</b>	<b>\$23,488,820</b>
<b>Total</b>				<b>\$530,085,827</b>	<b>\$34,264,438</b>	<b>\$4,000,000</b>	<b>\$0</b>	<b>\$29,871,080</b>	<b>\$1,225,692</b>	<b>\$230,873,558</b>	<b>\$829,094,903</b>

## 2020 Transit projects

Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	RTACAP	MAP	ICB	SCA	TDC	Local Funds	Total Cost
<b>5307</b>											
BRTA	117A00	PREVENTIVE MAINTENANCE		\$120,000	\$30,000	\$0	\$0	\$0	\$0	\$0	\$150,000
CATA	117A00	PREVENTIVE MAINTENANCE	2019 - \$350,000	\$350,000	\$0	\$0	\$0	\$0	\$0	\$87,500	\$437,500
CATA	114206	ACQUIRE - SHOP EQ/COMP/SFTWR	2019 - \$40,000	\$40,000	\$10,000	\$0	\$0	\$0	\$0	\$0	\$50,000
CATA	114220	ACQUIRE - MISC SUPPORT EQUIPMENT	2019 - \$11,296	\$11,296	\$2,824	\$0	\$0	\$0	\$0	\$0	\$14,120
CCRTA	117C00	NON FIXED ROUTE ADA PARA SERV	2019 - \$553,624	\$553,624	\$0	\$0	\$0	\$138,406	\$0	\$0	\$692,030
CCRTA	117A00	PREVENTIVE MAINTENANCE	2019 - \$5,173,979	\$5,173,979	\$0	\$0	\$0	\$1,080,995	\$0	\$212,500	\$6,467,474
CCRTA	114200	ACQUISITION OF BUS SUPPORT EQUIP/FACILITIES	2019 - \$80,000	\$80,000	\$20,000	\$0	\$0	\$0	\$0	\$0	\$100,000
CCRTA	114207	ACQUIRE - ADP HARDWARE	2018 - \$4,480; 2019 - \$64,960	\$69,440	\$17,360	\$0	\$0	\$0	\$0	\$0	\$86,800
CCRTA	117L00	MOBILITY MANAGEMENT	2019 - \$1,255,621	\$1,255,621	\$0	\$0	\$0	\$313,905	\$0	\$0	\$1,569,526
CCRTA	300900	OPERATING ASSISTANCE	2019 - \$600,000	\$600,000	\$0	\$0	\$0	\$600,000	\$0	\$0	\$1,200,000
CCRTA	119302	CONSTRUCTION - BUS SHELTERS	2018 - \$28,800	\$28,800	\$7,200	\$0	\$0	\$0	\$0	\$0	\$36,000
CCRTA	114209	ACQUIRE - MOBILE SURV/SECURITY EQUIP	2019 - \$66,133	\$66,133	\$16,533	\$0	\$0	\$0	\$0	\$0	\$82,666
GATRA	442400	SHORT RANGE TRANSIT PLANNING	2019 - \$80,000	\$80,000	\$0	\$0	\$0	\$20,000	\$0	\$0	\$100,000
GATRA	300901	OPERATING ASSISTANCE	2019 - \$250,000	\$500,000	\$0	\$0	\$0	\$500,000	\$0	\$0	\$1,000,000
GATRA	119203	PURCHASE LANDSCAPING / SCENIC BEAUTIFICATION		\$32,000	\$8,000	\$0	\$0	\$0	\$0	\$0	\$40,000
GATRA	114200	ACQUIRE - MISC SUPPORT EQUIPMENT	2019 - \$60,000	\$60,000	\$15,000	\$0	\$0	\$0	\$0	\$0	\$75,000
GATRA	117A00	PREVENTIVE MAINTENANCE		\$2,800,000	\$0	\$0	\$0	\$700,000	\$0	\$0	\$3,500,000
GATRA	111203	BUY REPLACEMENT 30-FT BUS - 2	2019 - \$252,870	\$800,000	\$100,000	\$0	\$0	\$0	\$0	\$100,000	\$1,000,000
GATRA	111215	BUY REPLACEMENT VAN - 5	2019 - \$76,060	\$260,000	\$0	\$0	\$0	\$0	\$0	\$65,000	\$325,000
GATRA	117C00	NON FIXED ROUTE ADA PARA SERV		\$1,000,000	\$0	\$0	\$0	\$250,000	\$0	\$0	\$1,250,000
GATRA	111204	BUY REPLACEMENT <30 FT BUS - 4	2019 - \$300,000	\$300,000	\$0	\$0	\$0	\$0	\$0	\$75,000	\$375,000
LRTA	300901	OPERATING ASSISTANCE 2020	2018 - \$1,443,740	\$1,443,740	\$0	\$0	\$0	\$3,448,903	\$0	\$2,841,488	\$7,734,131

## 2020 Transit projects

Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	RTACAP	MAP	ICB	SCA	TDC	Local Funds	Total Cost
LRTA	117A00	PREVENTIVE MAINTENANCE 2020	2018 - \$975,261; 2019 - \$410,490	\$1,385,751	\$0	\$0	\$0	\$346,438	\$0	\$0	\$1,732,189
LRTA	442400	SHORT RANGE TRANSIT PLANNING (NMCOG) 2020	2019 - \$80,000	\$80,000	\$0	\$0	\$0	\$0	\$0	\$20,000	\$100,000
LRTA	111240	BUY CAPITAL SPARE PARTS 2020	2019 - \$65,000	\$65,000	\$65,000	\$0	\$0	\$0	\$0	\$0	\$130,000
LRTA	111202	BUY REPLACEMENT 35-FT BUS (5)	2019 - \$233,539	\$1,102,000	\$1,102,000	\$0	\$0	\$0	\$0	\$0	\$2,204,000
MVRTA	117A00	PREVENTIVE MAINTENANCE		\$2,678,075	\$0	\$0	\$0	\$669,520	\$0	\$0	\$3,347,595
MVRTA	117C00	NON FIXED ROUTE ADA PARA SERV		\$1,200,090	\$0	\$0	\$0	\$300,020	\$0	\$0	\$1,500,110
MVRTA	442400	SHORT RANGE TRANSIT PLANNING	2019 - \$80,000	\$80,000	\$0	\$0	\$0	\$0	\$0	\$20,000	\$100,000
MVRTA	300900	OPERATING ASSISTANCE		\$462,475	\$0	\$0	\$0	\$462,475	\$0	\$0	\$924,950
MVRTA	111202	Replace 3 Model Yr 2007 buses delivery 2020	2019 - \$1,097,315	\$1,097,315	\$274,330	\$0	\$0	\$0	\$0	\$0	\$1,371,645
SRTA	114220	Transit Enhancements	2018 - \$8,000	\$8,000	\$2,000	\$0	\$0	\$0	\$0	\$0	\$10,000
SRTA	113407	REHAB/RENOVATE - BUS SURVEILL/SECURITY SYSTEM	2018 - \$80,000	\$80,000	\$20,000	\$0	\$0	\$0	\$0	\$0	\$100,000
SRTA	442400	SHORT RANGE TRANSIT PLANNING	2018 - \$96,000	\$96,000	\$0	\$0	\$0	\$0	\$0	\$24,000	\$120,000
SRTA	111200	BUY REPLACEMENTS - CAPITOL BUS (7)	2017 - \$324,997; 2018 - \$188,603	\$513,600	\$2,054,400	\$0	\$0	\$0	\$0	\$0	\$2,568,000
SRTA	300901	UP TO 50% FEDERAL SHARE	2018 - \$5,380,765	\$5,380,765	\$0	\$0	\$0	\$5,781,233	\$0	\$0	\$11,161,998
SRTA	300900	ADA Assistance	2018 - \$160,000	\$160,000	\$0	\$0	\$0	\$40,000	\$0	\$0	\$200,000
SRTA	117A00	PREVENTIVE MAINTENANCE	2017 - \$506,260; 2018 - \$133,740	\$640,000	\$0	\$0	\$0	\$160,000	\$0	\$0	\$800,000
SRTA	114220	ACQUIRE - MISC SUPPORT EQUIPMENT	2018 - \$8,000	\$8,000	\$2,000	\$0	\$0	\$0	\$0	\$0	\$10,000
SRTA	115204	PURCHASE VEHICLE LOCATOR SYSTEM - ITS	2018 - \$509,623; 2019 - \$128,417	\$638,040	\$159,510	\$0	\$0	\$0	\$0	\$0	\$797,550
SRTA	114211	ACQUIRE - SUPPORT VEHICLES	2018 - \$28,000	\$28,000	\$7,000	\$0	\$0	\$0	\$0	\$0	\$35,000
SRTA	111215	BUY REPLACEMENT VAN	2018 - \$145,841	\$145,841	\$36,460	\$0	\$0	\$0	\$0	\$0	\$182,301
WRTA	113401	REHAB/RENOVATE - BUS TERMINAL		\$8,000	\$2,000	\$0	\$0	\$0	\$0	\$0	\$10,000
WRTA	114211	ACQUIRE - SUPPORT VEHICLES		\$26,000	\$6,500	\$0	\$0	\$0	\$0	\$0	\$32,500
WRTA	114220	ACQUIRE - MISC SUPPORT EQUIPMENT		\$8,487	\$2,122	\$0	\$0	\$0	\$0	\$0	\$10,609

## 2020 Transit projects

Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	RTACAP	MAP	ICB	SCA	TDC	Local Funds	Total Cost
WRTA	111215	Miscellaneous Equipment		\$28,000	\$7,000	\$0	\$0	\$0	\$0	\$0	\$35,000
WRTA	111240	BUY ASSOC CAP MAINT ITEMS		\$525,337	\$131,334	\$0	\$0	\$0	\$0	\$0	\$656,671
WRTA	114207	ACQUIRE - ADP HARDWARE		\$20,000	\$5,000	\$0	\$0	\$0	\$0	\$0	\$25,000
WRTA	114208	ACQUIRE - ADP SOFTWARE		\$36,000	\$9,000	\$0	\$0	\$0	\$0	\$0	\$45,000
WRTA	119202	PURCHASE BUS SHELTERS		\$30,000	\$7,500	\$0	\$0	\$0	\$0	\$0	\$37,500
WRTA	119208	PURCHASE SIGNAGE		\$16,000	\$4,000	\$0	\$0	\$0	\$0	\$0	\$20,000
WRTA	114303	CONSTRUCT - ADMIN/MAINT FACILITY		\$2,830,751	\$0	\$0	\$0	\$0	\$566,150	\$0	\$2,830,751
PVTA	119202	Purchase Bus Shelters, benches, trash receptacles, etc.	2019 - \$100,000	\$100,000	\$25,000	\$0	\$0	\$0	\$0	\$0	\$125,000
PVTA	119208	Purchases signage and lighting	2019 - \$12,000	\$12,000	\$3,000	\$0	\$0	\$0	\$0	\$0	\$15,000
PVTA	119206	Purchase bicycle Equipment for shelters and buses	2019 - \$4,000	\$4,000	\$1,000	\$0	\$0	\$0	\$0	\$0	\$5,000
PVTA	114402	Environmental Compliance	2019 - \$60,000	\$60,000	\$15,000	\$0	\$0	\$0	\$0	\$0	\$75,000
PVTA	442301	Planning Services - Long Term System	2019 - \$232,608	\$232,608	\$0	\$0	\$0	\$58,152	\$0	\$0	\$290,760
PVTA	117C00	ADA Service subsidy	2019 - \$1,287,796	\$1,287,796	\$0	\$0	\$0	\$321,949	\$0	\$0	\$1,609,745
PVTA	117A00	Preventive Maintenance	2019 - \$4,748,825	\$4,748,825	\$0	\$0	\$0	\$1,187,206	\$0	\$0	\$5,936,031
PVTA	111201	Buy Replacement 40' Electric Bus (20)	2019 - \$2,232,731	\$2,232,731	\$2,232,731	\$0	\$0	\$0	\$0	\$0	\$4,465,462
PVTA	114411	Replace support vehicle (1)	2019 - \$60,000	\$60,000	\$15,000	\$0	\$0	\$0	\$0	\$0	\$75,000
PVTA	114406	Purchase & Replace Shop Equipment	2019 - \$240,000	\$240,000	\$60,000	\$0	\$0	\$0	\$0	\$0	\$300,000
BAT	111240	ACQUIRE ASSOC CAP MAINT ITEMS	2019 - \$80,000	\$80,000	\$20,000	\$0	\$0	\$0	\$0	\$0	\$100,000
BAT	114220	ACQUIRE - MISC SUPPORT EQUIPMENT	2019 - \$80,000	\$80,000	\$20,000	\$0	\$0	\$0	\$0	\$0	\$100,000
BAT	114211	ACQUIRE - REPLACEMENT SUPPORT VEHICLE (1)	2019 - \$32,000	\$32,000	\$8,000	\$0	\$0	\$0	\$0	\$0	\$40,000
BAT	116203	ACQUIRE REPLACEMENT RADIO SYSTEM	2019 - \$120,000	\$120,000	\$30,000	\$0	\$0	\$0	\$0	\$0	\$150,000
BAT	300900	OPERATING ASSISTANCE	2019 - \$2,394,792	\$2,500,000	\$0	\$0	\$0	\$2,500,000	\$0	\$0	\$5,000,000
BAT	119202	ACQUIRE REPLACEMENT BUS SHELTERS	2019 - \$16,000	\$16,000	\$4,000	\$0	\$0	\$0	\$0	\$0	\$20,000

## 2020 Transit projects

Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	RTACAP	MAP	ICB	SCA	TDC	Local Funds	Total Cost
BAT	111202	BUY REPLACEMENT 35- FT BUS (3)	2018 - \$300,000	\$300,000	\$1,200,000	\$0	\$0	\$0	\$0	\$0	\$1,500,000
BAT	111700	VEH OVERHAUL (UP TO 20% VEH MAINT) (4)	2018 - \$115,186; 2019 - \$76,814	\$192,000	\$768,000	\$0	\$0	\$0	\$0	\$0	\$960,000
BAT	114405	REHAB/RENOVATE - YARDS AND SHOPS Fuel Tank Replacement	2019 - \$280,000	\$280,000	\$70,000	\$0	\$0	\$0	\$0	\$0	\$350,000
MART	111215	BUY REPLACEMENT VANS (5)		\$268,000	\$67,000	\$0	\$0	\$0	\$0	\$0	\$335,000
MART	300901	UP TO 50% FEDERAL SHARE		\$2,100,000	\$0	\$0	\$0	\$2,100,000	\$0	\$0	\$4,200,000
MART	117C00	NON FIXED ROUTE ADA PARA SERV		\$300,000	\$0	\$0	\$0	\$75,000	\$0	\$0	\$375,000
MWRTA	114200	ACQUISITION OF BUS SUPPORT EQUIP/FACILITIES	2019 - \$248,415	\$248,415	\$62,104	\$0	\$0	\$0	\$0	\$0	\$310,519
MWRTA	440000	Mobility Management	2019 - \$25,000	\$25,000	\$6,250	\$0	\$0	\$0	\$0	\$0	\$31,250
MWRTA	117C00	NON FIXED ROUTE ADA PARA SERV	2019 - \$1,300,000	\$1,300,000	\$0	\$0	\$0	\$325,000	\$0	\$0	\$1,625,000
MWRTA	113303	TERMINAL, INTERMODAL (TRANSIT)	2019 - \$150,000	\$150,000	\$37,500	\$0	\$0	\$0	\$0	\$0	\$187,500
PVTA	114220	Information Technology Systems	2019 - \$2,400,000	\$2,400,000	\$600,000	\$0	\$0	\$0	\$0	\$0	\$3,000,000
PVTA	114402	Convert SATCO Maintenance Facility to Paratransit Operations	2019 - \$1,500,000	\$1,500,000	\$375,000	\$0	\$0	\$0	\$0	\$0	\$1,875,000
LRTA	111215	BUY REPLACEMENT VAN (4)	2019 - \$190,000	\$190,000	\$190,000	\$0	\$0	\$0	\$0	\$0	\$380,000
BAT	114202	ACQUIRE REPLACEMENT Maintenance Facility HVAC Systems	2019 - \$120,000	\$120,000	\$30,000	\$0	\$0	\$0	\$0	\$0	\$150,000
BAT	111201	ACQUIRE REPLACEMENT 40-FT BUS (2)	2018 - \$202,000	\$202,000	\$808,000	\$0	\$0	\$0	\$0	\$0	\$1,010,000
BRTA	111202	BUY REPLACEMENT 35- FT BUS		\$349,531	\$87,383	\$0	\$0	\$0	\$0	\$0	\$436,914
BRTA	111204	BUY REPLACEMENT <30 FT BUS (2) fixed route		\$153,798	\$38,450	\$0	\$0	\$0	\$0	\$0	\$192,248
BRTA	111202	BUY REPLACEMENT 35- FT BUS (1)		\$349,531	\$87,383	\$0	\$0	\$0	\$0	\$0	\$436,914
MART	111209	BUY REPLACEMENT TROLLEY BUS		\$360,000	\$90,000	\$0	\$0	\$0	\$0	\$0	\$450,000
MART	114220	ACQUIRE - MISC SUPPORT EQUIPMENT		\$140,000	\$35,000	\$0	\$0	\$0	\$0	\$0	\$175,000

## 2020 Transit projects

Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	RTACAP	MAP	ICB	SCA	TDC	Local Funds	Total Cost
MART	116402	REHAB/RENOV COMMUNICATIONS SYSTEM		\$120,000	\$30,000	\$0	\$0	\$0	\$0	\$0	\$150,000
MART	114403	REHAB/RENOVATE - ADMIN/MAINT FACILITY		\$80,000	\$20,000	\$0	\$0	\$0	\$0	\$0	\$100,000
MART	113403	TERMINAL, INTERMODAL (TRANSIT)		\$40,000	\$10,000	\$0	\$0	\$0	\$0	\$0	\$50,000
CCRTA	114208	ACQUIRE - ADP SOFTWARE	2018 - \$2,800	\$2,800	\$700	\$0	\$0	\$0	\$0	\$0	\$3,500
CCRTA	111203	BUY REPLACEMENT 30-FT BUS	2019 - \$732,021	\$732,021	\$732,021	\$0	\$0	\$0	\$0	\$0	\$1,464,042
WRTA	300901	UP TO 50% FEDERAL SHARE	2019 - \$4,934,413	\$5,922,009	\$0	\$0	\$0	\$5,922,009	\$0	\$0	\$11,844,018
MBTA	121200	Revenue Vehicle Program		\$40,000,000	\$0	\$0	\$0	\$0	\$0	\$10,000,000	\$50,000,000
MBTA	123400	Stations and Facilities Program		\$44,000,000	\$0	\$0	\$0	\$0	\$0	\$11,000,000	\$55,000,000
MBTA	126301	Systemwide Signals Program		\$61,840,976	\$0	\$0	\$0	\$0	\$0	\$15,460,244	\$77,301,220
MART	129405	REHAB/RENOV PED ACCESS / WALKWAYS		\$60,000	\$15,000	\$0	\$0	\$0	\$0	\$0	\$75,000
<b>Subtotal</b>				<b>\$210,534,201</b>	<b>\$11,917,595</b>	<b>\$0</b>	<b>\$0</b>	<b>\$27,301,211</b>	<b>\$566,150</b>	<b>\$39,905,732</b>	<b>\$289,658,739</b>
<b>5309</b>											
MBTA	132303	Green Line Extension Project		\$150,000,000	\$0	\$0	\$0	\$0	\$0	\$147,848,038	\$297,848,038
<b>Subtotal</b>				<b>\$150,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$147,848,038</b>	<b>\$297,848,038</b>
<b>5310</b>											
MassDOT	111200	Mobility Assistance Program		\$6,035,578	\$0	\$4,000,000	\$0	\$0	\$0	\$0	\$10,035,578
<b>Subtotal</b>				<b>\$6,035,578</b>	<b>\$0</b>	<b>\$4,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$10,035,578</b>
<b>5311</b>											
MassDOT	300900	Rural Formula		\$3,749,029	\$0	\$0	\$0	\$0	\$0	\$3,749,029	\$7,498,058
VTA	300901	UP TO 50% FEDERAL SHARE		\$1,500,000	\$0	\$0	\$0	\$1,500,000	\$0	\$0	\$3,000,000
<b>Subtotal</b>				<b>\$5,249,029</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,500,000</b>	<b>\$0</b>	<b>\$3,749,029</b>	<b>\$10,498,058</b>
<b>5337</b>											
WRTA	113403	TERMINAL, INTERMODAL (TRANSIT)		\$2,469,890	\$0	\$0	\$0	\$0	\$0	\$617,472	\$3,087,362
GATRA	123402	REHAB/RENOV - RAIL STATION		\$838,102	\$0	\$0	\$0	\$0	\$0	\$209,526	\$1,047,628
MBTA	122405	Bridge & Tunnel Program		\$24,000,000	\$0	\$0	\$0	\$0	\$0	\$6,000,000	\$30,000,000
MBTA	123402	Elevator Program		\$48,000,000	\$0	\$0	\$0	\$0	\$0	\$12,000,000	\$60,000,000
MBTA	123400	Stations and Facilities Program		\$47,347,989	\$0	\$0	\$0	\$0	\$0	\$11,836,997	\$59,184,986

## 2020 Transit projects

Transit Agency	FTA Activity Line Item	Project Description	(unobligated)	Federal Funds	RTACAP	MAP	ICB	SCA	TDC	Local Funds	Total Cost
MBTA	124400	System Upgrades Program		\$28,000,000	\$0	\$0	\$0	\$0	\$0	\$7,000,000	\$35,000,000
<b>Subtotal</b>				<b>\$150,655,981</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$37,663,995</b>	<b>\$188,319,976</b>
<b>5339</b>											
CCRTA	113400	REHAB/RENOVATE BUS STATIONS	2018 - \$428,000	\$428,000	\$107,000	\$0	\$0	\$0	\$0	\$0	\$535,000
CCRTA	117000	OTHER CAPITAL ITEMS (BUS)	2019 - \$684,000	\$684,000	\$171,000	\$0	\$0	\$0	\$0	\$0	\$855,000
WRTA	114303	CONSTRUCT - ADMIN/MAINT FACILITY		\$513,494	\$0	\$0	\$0	\$0	\$102,699	\$0	\$513,494
PVTA	111215	Purchase Replacement Vans (21)	2019 - \$875,595	\$875,595	\$595,742	\$0	\$0	\$0	\$0	\$0	\$1,471,337
MassDOT	111200	Bus and Bus Facilities (Statewide)		\$1,721,158	\$0	\$0	\$0	\$0	\$0	\$430,290	\$2,151,448
SRTA	113401	REHAB/RENOVATE - BUS TERMINAL		\$500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$500,000
MBTA	111400	Bus Program		\$5,552,214	\$0	\$0	\$0	\$0	\$0	\$1,388,053	\$6,940,267
<b>Subtotal</b>				<b>\$10,274,461</b>	<b>\$873,742</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$102,699</b>	<b>\$1,818,343</b>	<b>\$12,966,546</b>
<b>5320</b>											
<b>Subtotal</b>				<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Other Federal</b>											
<b>Subtotal</b>				<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Other Non-Federal</b>											
FRTA	111202	BUY REPLACEMENT 35-FT BUS		\$0	\$1,310,910	\$0	\$0	\$0	\$0	\$0	1310910
FRTA	114211	ACQUIRE - SUPPORT VEHICLES		\$0	\$22,500	\$0	\$0	\$0	\$0	\$0	22500
FRTA	114406	REHAB/RENOVATE - SHOP EQUIPMENT		\$0	\$10,000	\$0	\$0	\$0	\$0	\$0	10000
FRTA	114220	ACQUIRE - MISC SUPPORT EQUIPMENT		\$0	\$10,000	\$0	\$0	\$0	\$0	\$0	10000
LRTA	111240	BUY ASSOC CAP MAINT ITEMS (ITS EQUIPMENT) 2020		\$0	\$10,000	\$0	\$0	\$0	\$0	\$0	10000
VTA	111202	BUY REPLACEMENT 35-FT BUS (4)		\$0	\$1,840,000	\$0	\$0	\$0	\$0	\$0	1840000
VTA	114220	ACQUIRE - MISC SUPPORT EQUIPMENT		\$0	\$490,000	\$0	\$0	\$0	\$0	\$0	490000
VTA	114403	REHAB/RENOVATE - ADMIN/MAINT FACILITY		\$0	\$175,000	\$0	\$0	\$0	\$0	\$0	175000
VTA	114409	REHAB/RENOVATE - MOBILE SURVEILL/SECURITY EQUIP		\$0	\$40,000	\$0	\$0	\$0	\$0	\$0	40000
VTA	113310	CONSTRUCT - BUS PASSENGER SHELTERS		\$0	\$50,000	\$0	\$0	\$0	\$0	\$0	50000

## 2020 Transit projects

Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	RTACAP	MAP	ICB	SCA	TDC	Local Funds	Total Cost
NRTA	1000002	PREVENTIVE MAINTENANCE		\$0	\$10,000	\$0	\$0	\$0	\$0	\$0	10000
NRTA	116403	REHAB/RENOV RADIOS		\$0	\$0	\$0	\$0	\$5,000	\$0	\$0	5000
NRTA	114420	REHAB/RENOVATE - MISC SUPPORT EQUIPMENT		\$0	\$60,000	\$0	\$0	\$0	\$0	\$0	60000
NRTA	113210	ACQUIRE - BUS PASSENGER SHELTERS		\$0	\$10,000	\$0	\$0	\$0	\$0	\$0	10000
NRTA	995000	TRAVELER INFORMATION		\$0	\$30,000	\$0	\$0	\$0	\$0	\$0	30000
NRTA	111204	BUY REPLACEMENT <30 FT BUS		\$0	\$560,000	\$0	\$0	\$0	\$0	\$0	560000
MassDOT	900000	Transit Technical Assistance		\$0	\$2,000,000	\$0	\$0	\$0	\$0	\$0	2000000
VTA	113209	ACQUIRE - BUS ROUTE SIGNING		\$0	\$30,000	\$0	\$0	\$0	\$0	\$0	30000
BAT	300900	OPERATING ASSISTANCE - Rockland		\$0	\$0	\$0	\$0	\$50,000	\$0	\$50,000	100000
BAT	300900	OPERATING ASSISTANCE - Avon- Stoughton		\$0	\$0	\$0	\$0	\$30,000	\$0	\$30,000	60000
BAT	300900	OPERATING ASSISTANCE -Saturday Evening Service		\$0	\$0	\$0	\$0	\$75,000	\$0	\$75,000	150000
BAT	300900	OPERATING ASSISTANCE - Sunday Service		\$0	\$0	\$0	\$0	\$175,000	\$0	\$175,000	350000
<b>Subtotal</b>				<b>\$0</b>	<b>\$6,658,410</b>	<b>\$0</b>	<b>\$0</b>	<b>\$335,000</b>	<b>\$0</b>	<b>\$330,000</b>	<b>\$7,323,410</b>
<b>Total</b>				<b>\$532,749,250</b>	<b>\$19,449,747</b>	<b>\$4,000,000</b>	<b>\$0</b>	<b>\$29,136,211</b>	<b>\$668,849</b>	<b>\$231,315,137</b>	<b>\$816,650,345</b>



## 2021 Transit projects

Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	RTACAP	MAP	ICB	SCA	TDC	Local Funds	Total Cost
<b>5307</b>											
BRTA	1000002	PREVENTIVE MAINTENANCE		\$120,000	\$30,000	\$0	\$0	\$0	\$0	\$0	\$150,000
BRTA	114403	REHAB/RENOVATE - ADMIN/MAINT FACILITY		\$40,000	\$10,000	\$0	\$0	\$0	\$0	\$0	\$50,000
CATA	117A00	PREVENTIVE MAINTENANCE	2020 - \$350,000	\$350,000	\$87,500	\$0	\$0	\$0	\$0	\$0	\$437,500
CATA	114206	ACQUIRE - SHOP EQ/COMP/SFTWR	2020 - \$40,000	\$40,000	\$10,000	\$0	\$0	\$0	\$0	\$0	\$50,000
CCRTA	117L00	MOBILITY MANAGEMENT	2020 - \$1,280,734	\$1,280,734	\$0	\$0	\$0	\$320,183	\$0	\$0	\$1,600,917
CCRTA	117C00	NON FIXED ROUTE ADA PARA SERV	2020 - \$564,697	\$564,697	\$0	\$0	\$0	\$141,174	\$0	\$0	\$705,871
CCRTA	117A00	PREVENTIVE MAINTENANCE	2020 - \$6,032,400	\$6,032,400	\$0	\$0	\$0	\$1,295,600	\$0	\$212,500	\$7,540,500
CCRTA	300900	OPERATING ASSISTANCE	2020 - \$600,000	\$600,000	\$0	\$0	\$0	\$600,000	\$0	\$0	\$1,200,000
CCRTA	119302	CONSTRUCTION - BUS SHELTERS	2020 - \$30,400	\$30,400	\$7,600	\$0	\$0	\$0	\$0	\$0	\$38,000
GATRA	442400	SHORT RANGE TRANSIT PLANNING		\$80,000	\$0	\$0	\$0	\$20,000	\$0	\$0	\$100,000
GATRA	119203	PURCHASE LANDSCAPING / SCENIC BEAUTIFICATION		\$32,000	\$8,000	\$0	\$0	\$0	\$0	\$0	\$40,000
GATRA	111215	BUY REPLACEMENT VAN - 5	2020 - \$116,210	\$260,000	\$0	\$0	\$0	\$0	\$0	\$65,000	\$325,000
GATRA	117A00	PREVENTIVE MAINTENANCE		\$2,800,000	\$0	\$0	\$0	\$700,000	\$0	\$0	\$3,500,000
GATRA	300901	OPERATING ASSISTANCE		\$500,000	\$0	\$0	\$0	\$500,000	\$0	\$0	\$1,000,000
GATRA	114220	ACQUIRE - MISC SUPPORT EQUIPMENT		\$60,000	\$15,000	\$0	\$0	\$0	\$0	\$0	\$75,000
GATRA	111203	BUY REPLACEMENT 30-FT BUS - 2	2020 - \$61,159	\$800,000	\$100,000	\$0	\$0	\$0	\$0	\$100,000	\$1,000,000
GATRA	117C00	NON FIXED ROUTE ADA PARA SERV	2020 - \$333,215	\$1,000,000	\$0	\$0	\$0	\$250,000	\$0	\$0	\$1,250,000
GATRA	111204	BUY REPLACEMENT <30 FT BUS - 3		\$300,000	\$0	\$0	\$0	\$0	\$0	\$75,000	\$375,000
LRTA	114220	Terminal& Building Equipment and Maintenance	2019 - \$50,000	\$50,000	\$50,000	\$0	\$0	\$0	\$0	\$0	\$100,000
LRTA	111240	BUY CAPITAL SPARE PARTS 2021	2019 - \$30,000	\$30,000	\$100,000	\$0	\$0	\$0	\$0	\$0	\$130,000
LRTA	300901	OPERATING ASSISTANCE 2021	2019 - \$1,479,645; 2020 - \$720,355	\$2,200,000	\$0	\$0	\$0	\$2,691,811	\$0	\$2,956,883	\$7,848,694

## 2021 Transit projects

Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	RTACAP	MAP	ICB	SCA	TDC	Local Funds	Total Cost
LRTA	117A00	PREVENTIVE MAINTENANCE 2021	2020 - \$659,203	\$659,203	\$0	\$0	\$0	\$1,102,530	\$0	\$0	\$1,761,733
LRTA	442400	SHORT RANGE TRANSIT PLANNING (NMCOG) 2021	2020 - \$88,000	\$88,000	\$0	\$0	\$0	\$0	\$0	\$22,000	\$110,000
MVRTA	117A00	PREVENTIVE MAINTENANCE		\$2,758,415	\$0	\$0	\$0	\$689,605	\$0	\$0	\$3,448,020
MVRTA	117C00	NON FIXED ROUTE ADA PARA SERV		\$1,236,090	\$0	\$0	\$0	\$309,025	\$0	\$0	\$1,545,115
MVRTA	442400	SHORT RANGE TRANSIT PLANNING		\$80,000	\$0	\$0	\$0	\$0	\$0	\$20,000	\$100,000
MVRTA	111203	Replace 9 Model Yr 2009 buses delivery 2021		\$3,357,795	\$839,445	\$0	\$0	\$0	\$0	\$0	\$4,197,240
MVRTA	300901	OPERATING ASSISTANCE 2021		\$508,725	\$0	\$0	\$0	\$508,725	\$0	\$0	\$1,017,450
MVRTA	111215	Replace 16 Model Yr 2015 vans with new		\$875,650	\$218,910	\$0	\$0	\$0	\$0	\$0	\$1,094,560
SRTA	111215	BUY REPLACEMENT VAN	2019 - \$48,000	\$48,000	\$12,000	\$0	\$0	\$0	\$0	\$0	\$60,000
SRTA	300901	UP TO 50% FEDERAL SHARE	2020 - \$5,380,765	\$5,380,765	\$0	\$0	\$0	\$5,781,233	\$0	\$0	\$11,161,998
SRTA	300900	ADA OPERATING ASSISTANCE	2019 - \$160,000	\$160,000	\$0	\$0	\$0	\$40,000	\$0	\$0	\$200,000
SRTA	117A00	PREVENTIVE MAINTENANCE	2019 - \$640,000	\$640,000	\$0	\$0	\$0	\$160,000	\$0	\$0	\$800,000
SRTA	442400	SHORT RANGE TRANSIT PLANNING	2020 - \$96,000	\$96,000	\$0	\$0	\$0	\$0	\$0	\$24,000	\$120,000
SRTA	114220	ACQUIRE - MISC SUPPORT EQUIPMENT	2020 - \$8,000	\$8,000	\$2,000	\$0	\$0	\$0	\$0	\$0	\$10,000
SRTA	114220	ACQUIRE - Transit Enhancements	2020 - \$8,000	\$8,000	\$2,000	\$0	\$0	\$0	\$0	\$0	\$10,000
SRTA	114211	ACQUIRE - SUPPORT VEHICLES	2019 - \$32,000	\$32,000	\$8,000	\$0	\$0	\$0	\$0	\$0	\$40,000
SRTA	113407	REHAB/RENOVATE - BUS SURVEILL/SECURITY SYSTEM	2020 - \$40,000	\$40,000	\$10,000	\$0	\$0	\$0	\$0	\$0	\$50,000
SRTA	111202	BUY REPLACEMENT 35-FT BUS	2018 - \$70,065; 2019 - \$177,143	\$247,208	\$61,802	\$0	\$0	\$0	\$0	\$0	\$309,010
WRTA	111201	BUY REPLACEMENT 40-FT BUS		\$4,293,960	\$0	\$0	\$0	\$0	\$858,792	\$0	\$4,293,960
WRTA	114211	ACQUIRE - SUPPORT VEHICLES		\$26,000	\$6,500	\$0	\$0	\$0	\$0	\$0	\$32,500
WRTA	111215	BUY REPLACEMENT VAN		\$33,600	\$8,400	\$0	\$0	\$0	\$0	\$0	\$42,000

## 2021 Transit projects

Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	RTACAP	MAP	ICB	SCA	TDC	Local Funds	Total Cost
WRTA	119202	PURCHASE BUS SHELTERS		\$30,000	\$7,500	\$0	\$0	\$0	\$0	\$0	\$37,500
WRTA	119208	PURCHASE SIGNAGE		\$16,000	\$4,000	\$0	\$0	\$0	\$0	\$0	\$20,000
PVTA	111201	Replacement 40-FT Non-Electric BUS (9)	2020 - \$2,653,409	\$2,653,409	\$4,443,408	\$0	\$0	\$0	\$0	\$0	\$7,096,817
PVTA	114411	Replace Support Vehicles (10)	2020 - \$120,000	\$120,000	\$30,000	\$0	\$0	\$0	\$0	\$0	\$150,000
PVTA	114411	Replace Supervisory Vehicles (5)	2020 - \$28,000	\$28,000	\$7,000	\$0	\$0	\$0	\$0	\$0	\$35,000
PVTA	114406	Purchase/Replace Shop Equipment	2020 - \$88,000	\$88,000	\$22,000	\$0	\$0	\$0	\$0	\$0	\$110,000
PVTA	114402	Environmental Compliance	2020 - \$60,000	\$60,000	\$15,000	\$0	\$0	\$0	\$0	\$0	\$75,000
PVTA	119402	Bus Shelters, Benches, Trash Receptacles	2020 - \$100,000	\$100,000	\$25,000	\$0	\$0	\$0	\$0	\$0	\$125,000
PVTA	119408	Bus Stop Signage and Lighting	2020 - \$12,000	\$12,000	\$3,000	\$0	\$0	\$0	\$0	\$0	\$15,000
PVTA	119406	Bicycle access equipment for buses and shelters	2020 - \$4,000	\$4,000	\$1,000	\$0	\$0	\$0	\$0	\$0	\$5,000
PVTA	116202	Information Technology Systems	2020 - \$2,400,000	\$2,400,000	\$600,000	\$0	\$0	\$0	\$0	\$0	\$3,000,000
PVTA	440000	PLANNING	2020 - \$238,424	\$238,424	\$0	\$0	\$0	\$59,606	\$0	\$0	\$298,030
PVTA	300900	ADA OPERATING ASSISTANCE	2020 - \$1,307,113	\$1,307,113	\$0	\$0	\$0	\$326,778	\$0	\$0	\$1,633,891
PVTA	117A00	PREVENTIVE MAINTENANCE	2020 - \$4,867,546	\$4,867,546	\$0	\$0	\$0	\$1,216,886	\$0	\$0	\$6,084,432
PVTA	111215	Buy replacement Vans (21)	2020 - \$1,192,639	\$1,192,639	\$298,160	\$0	\$0	\$0	\$0	\$0	\$1,490,799
BAT	114220	ACQUIRE - MISC SUPPORT EQUIPMENT	2020 - \$80,000	\$80,000	\$20,000	\$0	\$0	\$0	\$0	\$0	\$100,000
BAT	111240	ACQUIRE ASSOC CAP MAINT ITEMS	2020 - \$120,000	\$120,000	\$30,000	\$0	\$0	\$0	\$0	\$0	\$150,000
BAT	114211	ACQUIRE - REPLACEMENT SUPPORT VEHICLES (2)	2020 - \$76,000	\$76,000	\$19,000	\$0	\$0	\$0	\$0	\$0	\$95,000
BAT	111700	VEH OVERHAUL (UP TO 20% VEH MAINT) (4)	2020 - \$180,000	\$180,000	\$720,000	\$0	\$0	\$0	\$0	\$0	\$900,000
BAT	300901	OPERATING ASSISTANCE	2020 - \$1,986,388	\$2,500,000	\$0	\$0	\$0	\$2,500,000	\$0	\$0	\$5,000,000
MART	117C00	NON FIXED ROUTE ADA PARA SERV		\$300,000	\$0	\$0	\$0	\$75,000	\$0	\$0	\$375,000
MART	300901	UP TO 50% FEDERAL SHARE		\$2,100,000	\$0	\$0	\$0	\$2,100,000	\$0	\$0	\$4,200,000

## 2021 Transit projects

Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	RTACAP	MAP	ICB	SCA	TDC	Local Funds	Total Cost
MART	114220	ACQUIRE - MISC SUPPORT EQUIPMENT		\$48,000	\$12,000	\$0	\$0	\$0	\$0	\$0	\$60,000
MART	111215	BUY REPLACEMENT VAN (5)	2020 - \$272,000	\$272,000	\$68,000	\$0	\$0	\$0	\$0	\$0	\$340,000
MWRTA	117C00	NON FIXED ROUTE ADA PARA SERV	2020 - \$1,300,000	\$1,300,000	\$0	\$0	\$0	\$325,000	\$0	\$0	\$1,625,000
MWRTA	113403	TERMINAL, INTERMODAL (TRANSIT)	2020 - \$150,000	\$150,000	\$37,500	\$0	\$0	\$0	\$0	\$0	\$187,500
MWRTA	114200	ACQUISITION OF BUS SUPPORT EQUIP/FACILITIES	2020 - \$248,415	\$248,415	\$62,104	\$0	\$0	\$0	\$0	\$0	\$310,519
WRTA	114220	ACQUIRE - MISC SUPPORT EQUIPMENT		\$8,742	\$2,185	\$0	\$0	\$0	\$0	\$0	\$10,927
WRTA	111240	BUY ASSOC CAP MAINT ITEMS		\$549,630	\$137,408	\$0	\$0	\$0	\$0	\$0	\$687,038
WRTA	114207	ACQUIRE - ADP HARDWARE		\$20,000	\$5,000	\$0	\$0	\$0	\$0	\$0	\$25,000
WRTA	114208	ACQUIRE - ADP SOFTWARE		\$33,600	\$8,400	\$0	\$0	\$0	\$0	\$0	\$42,000
WRTA	113401	REHAB/RENOVATE - BUS TERMINAL		\$8,000	\$2,000	\$0	\$0	\$0	\$0	\$0	\$10,000
BAT	114220	ACQUIRE HVAC Intermodal and Admin Buildings	2020 - \$52,000	\$52,000	\$13,000	\$0	\$0	\$0	\$0	\$0	\$65,000
BAT	114301	CONSTRUCT - CALL CENTER	2020 - \$480,000	\$480,000	\$120,000	\$0	\$0	\$0	\$0	\$0	\$600,000
BRTA	114406	REHAB/RENOVATE - SHOP EQUIPMENT		\$20,000	\$5,000	\$0	\$0	\$0	\$0	\$0	\$25,000
BRTA	114211	ACQUIRE - SUPPORT VEHICLES (2)		\$80,000	\$20,000	\$0	\$0	\$0	\$0	\$0	\$100,000
MRTA	111203	BUY REPLACEMENT 30-FT BUS (2)		\$680,000	\$170,000	\$0	\$0	\$0	\$0	\$0	\$850,000
MRTA	114401	REHAB/RENOVATE - ADMINISTRATIVE FACILITY		\$120,000	\$30,000	\$0	\$0	\$0	\$0	\$0	\$150,000
MWRTA	440000	Mobility Management	2020 - \$25,000	\$25,000	\$6,250	\$0	\$0	\$0	\$0	\$0	\$31,250
BRTA	114400	REHAB/RENOVATE BUS SUPPORT FACIL/EQUIP		\$920,000	\$230,000	\$0	\$0	\$0	\$0	\$0	\$1,150,000
WRTA	300901	UP TO 50% FEDERAL SHARE	2020 - \$5,288,233	\$6,285,705	\$0	\$0	\$0	\$6,285,705	\$0	\$0	\$12,571,410
MBTA	121200	Revenue Vehicle Program		\$120,000,000	\$0	\$0	\$0	\$0	\$0	\$30,000,000	\$150,000,000
MBTA	126301	Systemwide Signals Program		\$25,840,976	\$0	\$0	\$0	\$0	\$0	\$6,460,244	\$32,301,220

## 2021 Transit projects

Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	RTACAP	MAP	ICB	SCA	TDC	Local Funds	Total Cost
LRTA	111215	BUY REPLACEMENT FIXED ROUTE VANS (2)	2016 - \$152,000	\$152,000	\$38,000	\$0	\$0	\$0	\$0	\$0	\$190,000
LRTA	111202	BUY REPLACEMENT 35-FT HYBRID BUSES (2)	2016 - \$944,000	\$944,000	\$236,000	\$0	\$0	\$0	\$0	\$0	\$1,180,000
LRTA	111202	BUY REPLACEMENT 35-FT DIESEL BUSES (6)	2016 - \$1,770,992; 2017 - \$393,808	\$2,164,800	\$541,200	\$0	\$0	\$0	\$0	\$0	\$2,706,000
<b>Subtotal</b>				<b>\$216,623,641</b>	<b>\$9,576,272</b>	<b>\$0</b>	<b>\$0</b>	<b>\$27,998,861</b>	<b>\$858,792</b>	<b>\$39,935,627</b>	<b>\$294,134,401</b>
<b>5309</b>											
MBTA	132303	Green Line Extension Project		\$146,121,000	\$0	\$0	\$0	\$0	\$0	\$147,848,038	\$293,969,038
<b>Subtotal</b>				<b>\$146,121,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$147,848,038</b>	<b>\$293,969,038</b>
<b>5310</b>											
MassDOT	111200	Mobility Assistance Program		\$6,035,578	\$0	\$4,000,000	\$0	\$0	\$0	\$0	\$10,035,578
<b>Subtotal</b>				<b>\$6,035,578</b>	<b>\$0</b>	<b>\$4,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$10,035,578</b>
<b>5311</b>											
MassDOT	300900	Rural Formula		\$3,749,029	\$0	\$0	\$0	\$0	\$0	\$3,749,029	\$7,498,058
VTA	300901	UP TO 50% FEDERAL SHARE		\$1,500,000	\$0	\$0	\$0	\$1,500,000	\$0	\$0	\$3,000,000
<b>Subtotal</b>				<b>\$5,249,029</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,500,000</b>	<b>\$0</b>	<b>\$3,749,029</b>	<b>\$10,498,058</b>
<b>5337</b>											
WRTA	113403	TERMINAL, INTERMODAL (TRANSIT)		\$2,494,589	\$0	\$0	\$0	\$0	\$0	\$623,647	\$3,118,236
GATRA	123402	REHAB/RENOV - RAIL STATION	2018 - \$850,674	\$850,674	\$0	\$0	\$0	\$0	\$0	\$212,669	\$1,063,343
MBTA	122405	Bridge & Tunnel Program		\$96,000,000	\$0	\$0	\$0	\$0	\$0	\$24,000,000	\$120,000,000
MBTA	123400	Stations and Facilities Program		\$35,347,989	\$0	\$0	\$0	\$0	\$0	\$8,836,997	\$44,184,986
MBTA	124400	System Upgrades Program		\$16,000,000	\$0	\$0	\$0	\$0	\$0	\$4,000,000	\$20,000,000
<b>Subtotal</b>				<b>\$150,693,252</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$37,673,313</b>	<b>\$188,366,565</b>
<b>5339</b>											
CCRTA	114207	ACQUIRE - ADP HARDWARE	2019 - \$22,240	\$22,240	\$5,560	\$0	\$0	\$0	\$0	\$0	\$27,800
CCRTA	114220	ACQUIRE - MISC SUPPORT EQUIPMENT	2019 - \$40,000; 2020 - \$16,000	\$56,000	\$14,000	\$0	\$0	\$0	\$0	\$0	\$70,000
SRTA	111202	BUY REPLACEMENT 35-FT BUS	2018 - \$143,698; 2019 - \$145,853; 2020 - \$148,041	\$437,592	\$109,398	\$0	\$0	\$0	\$0	\$0	\$546,990

## 2021 Transit projects

Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	RTACAP	MAP	ICB	SCA	TDC	Local Funds	Total Cost
WRTA	111201	BUY REPLACEMENT 40-FT BUS		\$528,899	\$0	\$0	\$0	\$0	\$105,780	\$0	\$528,899
MART	113403	TERMINAL, INTERMODAL (TRANSIT)		\$600,000	\$150,000	\$0	\$0	\$0	\$0	\$0	\$750,000
MassDOT	111200	Bus and Bus Facilities (Statewide)		\$1,721,158	\$0	\$0	\$0	\$0	\$0	\$430,290	\$2,151,448
BRTA	111202	BUY REPLACEMENT 35-FT BUS (1) Fixed Route (5339)		\$349,531	\$87,383	\$0	\$0	\$0	\$0	\$0	\$436,914
BRTA	111204	BUY REPLACEMENT <30 FT BUS (2) Fixed Route (5339)		\$153,798	\$38,450	\$0	\$0	\$0	\$0	\$0	\$192,248
CCRTA	117000	OTHER CAPITAL ITEMS (BUS)	2020 - \$684,000	\$684,000	\$171,000	\$0	\$0	\$0	\$0	\$0	\$855,000
PVTA	111215	Buy replacement Vans (15)	2020 - \$885,729	\$885,729	\$221,432	\$0	\$0	\$0	\$0	\$0	\$1,107,161
MBTA	111400	Bus Program		\$5,552,214	\$0	\$0	\$0	\$0	\$0	\$1,388,053	\$6,940,267
<b>Subtotal</b>				<b>\$10,991,161</b>	<b>\$797,223</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$105,780</b>	<b>\$1,818,343</b>	<b>\$13,606,727</b>
<b>5320</b>											
<b>Subtotal</b>				<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Other Federal</b>											
<b>Subtotal</b>				<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Other Non-Federal</b>											
LRTA	111240	BUY ASSOC CAP MAINT ITEMS (ITS EQUIPMENT)		\$0	\$10,000	\$0	\$0	\$0	\$0	\$0	\$10,000
VTA	113310	CONSTRUCT - BUS PASSENGER SHELTERS		\$0	\$50,000	\$0	\$0	\$0	\$0	\$0	\$50,000
VTA	114220	ACQUIRE - MISC SUPPORT EQUIPMENT		\$0	\$100,000	\$0	\$0	\$0	\$0	\$0	\$100,000
VTA	111400	REHAB/REBUILD - CAPITOL BUS		\$0	\$50,000	\$0	\$0	\$0	\$0	\$0	\$50,000
NRTA	114420	REHAB/RENOVATE - MISC SUPPORT EQUIPMENT		\$0	\$60,000	\$0	\$0	\$0	\$0	\$0	\$60,000
NRTA	111204	BUY REPLACEMENT <30 FT BUS		\$0	\$700,000	\$0	\$0	\$0	\$0	\$0	\$700,000
NRTA	1000002	PREVENTIVE MAINTENANCE		\$0	\$10,000	\$0	\$0	\$0	\$0	\$0	\$10,000
NRTA	116403	REHAB/RENOV RADIOS		\$0	\$5,000	\$0	\$0	\$0	\$0	\$0	\$5,000
NRTA	995000	TRAVELER INFORMATION		\$0	\$30,000	\$0	\$0	\$0	\$0	\$0	\$30,000

## 2021 Transit projects

Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	RTACAP	MAP	ICB	SCA	TDC	Local Funds	Total Cost
MassDOT	900000	Transit Technical Assistance		\$0	\$2,000,000	\$0	\$0	\$0	\$0	\$0	\$2,000,000
VTA	111202	BUY REPLACEMENT 35-FT BUS		\$0	\$460,000	\$0	\$0	\$0	\$0	\$0	\$460,000
VTA	111201	BUY REPLACEMENT 40-FT BUS (2)		\$0	\$920,000	\$0	\$0	\$0	\$0	\$0	\$920,000
VTA	113209	ACQUIRE - BUS ROUTE SIGNING		\$0	\$20,000	\$0	\$0	\$0	\$0	\$0	\$20,000
VTA	114403	REHAB/RENOVATE - ADMIN/MAINT FACILITY		\$0	\$25,000	\$0	\$0	\$0	\$0	\$0	\$25,000
NRTA	114407	REHAB/RENOVATE - ADP HARDWARE		\$0	\$15,000	\$0	\$0	\$0	\$0	\$0	\$15,000
FRTA	111202	BUY REPLACEMENT 35-FT BUS		\$0	\$467,625	\$0	\$0	\$0	\$0	\$0	\$467,625
BAT	300901	Operating Assistance - Rockland		\$0	\$0	\$0	\$0	\$50,000	\$0	\$50,000	\$100,000
BAT	300901	Operating Assistance - Sunday Service		\$0	\$0	\$0	\$0	\$175,000	\$0	\$175,000	\$350,000
BAT	300901	Operating Assistance - Avon/Stoughton		\$0	\$0	\$0	\$0	\$30,000	\$0	\$30,000	\$60,000
BAT	300901	Operating Assistance - Saturday Evening		\$0	\$0	\$0	\$0	\$75,000	\$0	\$75,000	\$150,000
FRTA	114220	On board AVL/CAD tablets - 25		\$0	\$12,500	\$0	\$0	\$0	\$0	\$0	\$12,500
<b>Subtotal</b>				<b>\$0</b>	<b>\$4,935,125</b>	<b>\$0</b>	<b>\$0</b>	<b>\$330,000</b>	<b>\$0</b>	<b>\$330,000</b>	<b>\$5,595,125</b>

## 2022 Transit projects

Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	RTACAP	MAP	ICB	SCA	TDC	Local Funds	Total Cost
<b>5307</b>											
MVTA	117A00	PREVENTIVE MAINTENANCE		\$2,841,165	\$0	\$0	\$0	\$710,290	\$0	\$0	\$3,551,455
MVTA	117C00	NON FIXED ROUTE ADA PARA SERV		\$1,273,170	\$0	\$0	\$0	\$318,290	\$0	\$0	\$1,591,460
MVTA	442400	SHORT RANGE TRANSIT PLANNING		\$80,000	\$0	\$0	\$0	\$0	\$0	\$20,000	\$100,000
MVTA	300901	OPERATING ASSISTANCE 2022		\$523,985	\$0	\$0	\$0	\$523,985	\$0	\$0	\$1,047,970
MVTA	111202	Replace 6 Model Yr 2011 buses delivery 2022 6 of 8		\$2,328,960	\$0	\$0	\$0	\$0	\$0	\$582,240	\$2,911,200
CATA	117A00	PREVENTIVE MAINTENANCE	2021 - \$325,000	\$325,000	\$0	\$0	\$0	\$0	\$0	\$81,250	\$406,250
CATA	114206	ACQUIRE - SHOP EQUIPMENT	2021 - \$40,000	\$40,000	\$10,000	\$0	\$0	\$0	\$0	\$0	\$50,000
LRTA	300901	UP TO 50% FEDERAL SHARE	2020 - \$1,022,187; 2021 - \$1,246,272	\$2,268,459	\$0	\$0	\$0	\$2,745,647	\$0	\$2,985,338	\$7,999,444
LRTA	117A00	PREVENTIVE MAINTENANCE 2022	2021 - \$694,438	\$694,438	\$0	\$0	\$0	\$1,161,339	\$0	\$0	\$1,855,777
LRTA	442400	SHORT RANGE TRANSIT PLANNING 2022	2021 - \$88,000	\$88,000	\$0	\$0	\$0	\$0	\$0	\$22,000	\$110,000
LRTA	111240	BUY ASSOC CAP SPARE PARTS 2022	2021 - \$65,000	\$65,000	\$65,000	\$0	\$0	\$0	\$0	\$0	\$130,000
WRTA	114220	ACQUIRE - MISC SUPPORT EQUIPMENT		\$9,004	\$2,251	\$0	\$0	\$0	\$0	\$0	\$11,255
WRTA	111201	BUY REPLACEMENT 40-FT BUS		\$5,528,474	\$0	\$0	\$0	\$0	\$1,105,695	\$0	\$5,528,474
WRTA	114211	ACQUIRE - SUPPORT VEHICLES		\$26,000	\$6,500	\$0	\$0	\$0	\$0	\$0	\$32,500
WRTA	111215	MISCELLANEOUS EQUIPMENT		\$39,200	\$9,800	\$0	\$0	\$0	\$0	\$0	\$49,000
WRTA	111240	BUY ASSOC CAP MAINT ITEMS		\$557,058	\$139,265	\$0	\$0	\$0	\$0	\$0	\$696,323
WRTA	114207	ACQUIRE - ADP HARDWARE		\$20,000	\$5,000	\$0	\$0	\$0	\$0	\$0	\$25,000
WRTA	114208	ACQUIRE - ADP SOFTWARE		\$20,000	\$5,000	\$0	\$0	\$0	\$0	\$0	\$25,000
WRTA	119402	BUS SHELTERS		\$30,000	\$7,500	\$0	\$0	\$0	\$0	\$0	\$37,500
WRTA	119208	PURCHASE SIGNAGE		\$16,000	\$4,000	\$0	\$0	\$0	\$0	\$0	\$20,000
WRTA	113401	REHAB/RENOVATE - BUS TERMINAL		\$8,000	\$2,000	\$0	\$0	\$0	\$0	\$0	\$10,000
PVTA	111201	Purchase 40' Replacement Buses Electric (15)	2021 - \$653,453	\$653,453	\$1,948,871	\$0	\$0	\$0	\$0	\$0	\$2,602,324
PVTA	111202	Replace 35' Buses (4)	2021 - \$2,700,947	\$2,700,947	\$2,700,947	\$0	\$0	\$0	\$0	\$0	\$5,401,894
PVTA	111204	Replace mini Buses (4)	2021 - \$320,000	\$320,000	\$80,000	\$0	\$0	\$0	\$0	\$0	\$400,000



## 2022 Transit projects

Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	RTACAP	MAP	ICB	SCA	TDC	Local Funds	Total Cost
PVTA	114211	Purchase replacement support vehicles (1)	2021 - \$80,000	\$80,000	\$20,000	\$0	\$0	\$0	\$0	\$0	\$100,000
PVTA	114411	Replace Supervisory Vehicles (4)	2021 - \$112,000	\$112,000	\$28,000	\$0	\$0	\$0	\$0	\$0	\$140,000
PVTA	114406	Purchase shop equipment	2021 - \$88,000	\$88,000	\$22,000	\$0	\$0	\$0	\$0	\$0	\$110,000
PVTA	114402	Environmental Compliance	2021 - \$60,000	\$60,000	\$15,000	\$0	\$0	\$0	\$0	\$0	\$75,000
PVTA	119402	Purchase Shelters and shelter accessories	2021 - \$100,000	\$100,000	\$25,000	\$0	\$0	\$0	\$0	\$0	\$125,000
PVTA	119408	Signage & Lighting	2021 - \$12,000	\$12,000	\$3,000	\$0	\$0	\$0	\$0	\$0	\$15,000
PVTA	119406	Bike Access for shelters and Buses	2021 - \$4,000	\$4,000	\$1,000	\$0	\$0	\$0	\$0	\$0	\$5,000
PVTA	116202	Information Technology Systems	2021 - \$2,400,000	\$2,400,000	\$600,000	\$0	\$0	\$0	\$0	\$0	\$3,000,000
GATRA	442400	SHORT RANGE TRANSIT PLANNING		\$80,000	\$0	\$0	\$0	\$20,000	\$0	\$0	\$100,000
GATRA	119203	PURCHASE LANDSCAPING / SCENIC BEAUTIFICATION		\$32,000	\$8,000	\$0	\$0	\$0	\$0	\$0	\$40,000
GATRA	117A00	PREVENTIVE MAINTENANCE		\$2,800,000	\$0	\$0	\$0	\$700,000	\$0	\$0	\$3,500,000
GATRA	300901	OPERATING ASSISTANCE		\$500,000	\$0	\$0	\$0	\$500,000	\$0	\$0	\$1,000,000
GATRA	114220	ACQUIRE - MISC SUPPORT EQUIPMENT		\$60,000	\$15,000	\$0	\$0	\$0	\$0	\$0	\$75,000
GATRA	117C00	NON FIXED ROUTE ADA PARA SERV		\$1,000,000	\$0	\$0	\$0	\$250,000	\$0	\$0	\$1,250,000
SRTA	111215	BUY REPLACEMENT VAN	2020 - \$56,000	\$56,000	\$14,000	\$0	\$0	\$0	\$0	\$0	\$70,000
SRTA	300900	ADA OPERATING ASSISTANCE	2020 - \$200,000	\$200,000	\$0	\$0	\$0	\$50,000	\$0	\$0	\$250,000
GATRA	111204	BUY REPLACEMENT <30 FT BUS - 3		\$300,000	\$0	\$0	\$0	\$0	\$0	\$75,000	\$375,000
GATRA	111215	BUY REPLACEMENT VAN - 5		\$260,000	\$0	\$0	\$0	\$0	\$0	\$65,000	\$325,000
SRTA	117A00	PREVENTIVE MAINTENANCE	2020 - \$720,000	\$720,000	\$0	\$0	\$0	\$180,000	\$0	\$0	\$900,000
SRTA	300901	UP TO 50% FEDERAL SHARE	2019 - \$6,013,300	\$6,013,300	\$0	\$0	\$0	\$6,013,300	\$0	\$0	\$12,026,600
SRTA	442400	SHORT RANGE TRANSIT PLANNING	2020 - \$96,000	\$96,000	\$0	\$0	\$0	\$0	\$0	\$24,000	\$120,000
SRTA	114220	ACQUIRE - Transit Enhancements	2020 - \$16,000	\$16,000	\$4,000	\$0	\$0	\$0	\$0	\$0	\$20,000
SRTA	114211	ACQUIRE - SUPPORT VEHICLES	2020 - \$40,000	\$40,000	\$10,000	\$0	\$0	\$0	\$0	\$0	\$50,000
SRTA	115204	PURCHASE VEHICLE LOCATOR SYSTEM	2020 - \$400,000	\$400,000	\$100,000	\$0	\$0	\$0	\$0	\$0	\$500,000
SRTA	111202	BUY REPLACEMENT 35-FT BUS (5)	2021 - \$1,607,200	\$1,607,200	\$401,800	\$0	\$0	\$0	\$0	\$0	\$2,009,000
BAT	114220	ACQUIRE - MISC SUPPORT EQUIPMENT	2021 - \$80,000	\$80,000	\$20,000	\$0	\$0	\$0	\$0	\$0	\$100,000
BAT	111240	ACQUIRE ASSOC CAP MAINT ITEMS	2021 - \$120,000	\$120,000	\$30,000	\$0	\$0	\$0	\$0	\$0	\$150,000
BAT	114211	ACQUIRE - REPLACEMENT SUPPORT VEHICLE (1)	2021 - \$32,000	\$32,000	\$8,000	\$0	\$0	\$0	\$0	\$0	\$40,000

## 2022 Transit projects

Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	RTACAP	MAP	ICB	SCA	TDC	Local Funds	Total Cost
BAT	111700	VEH OVERHAUL (UP TO 20% VEH MAINT) (4)	2021 - \$736,000	\$736,000	\$184,000	\$0	\$0	\$0	\$0	\$0	\$920,000
BAT	114402	ACQUIRE REPLACEMENT MAINTENANCE FACILITY ROOF	2021 - \$320,000	\$320,000	\$80,000	\$0	\$0	\$0	\$0	\$0	\$400,000
BAT	300901	OPERATING ASSISTANCE BAT	2021 - \$1,161,974	\$2,500,000	\$0	\$0	\$0	\$2,500,000	\$0	\$0	\$5,000,000
BRTA	114211	ACQUIRE - SUPPORT VEHICLES (2)		\$80,000	\$20,000	\$0	\$0	\$0	\$0	\$0	\$100,000
BRTA	1000002	PREVENTIVE MAINTENANCE		\$120,000	\$30,000	\$0	\$0	\$0	\$0	\$0	\$150,000
BRTA	114206	ACQUIRE - SHOP EQUIPMENT		\$20,000	\$5,000	\$0	\$0	\$0	\$0	\$0	\$25,000
BRTA	114403	SECURITY		\$20,000	\$5,000	\$0	\$0	\$0	\$0	\$0	\$25,000
MART	119202	PURCHASE BUS SHELTERS		\$36,000	\$9,000	\$0	\$0	\$0	\$0	\$0	\$45,000
MART	114403	REHAB/RENOVATE - ADMIN/MAINT FACILITY		\$380,000	\$95,000	\$0	\$0	\$0	\$0	\$0	\$475,000
MART	111215	BUY REPLACEMENT VAN	2021 - \$276,000	\$276,000	\$69,000	\$0	\$0	\$0	\$0	\$0	\$345,000
MART	114220	ACQUIRE - MISC SUPPORT EQUIPMENT		\$40,000	\$10,000	\$0	\$0	\$0	\$0	\$0	\$50,000
MART	114401	REHAB/RENOVATE - ADMINISTRATIVE FACILITY		\$200,000	\$50,000	\$0	\$0	\$0	\$0	\$0	\$250,000
MART	111204	BUY REPLACEMENT <30 FT BUS (2)		\$240,000	\$60,000	\$0	\$0	\$0	\$0	\$0	\$300,000
PVTA	117A00	Preventive Maintenance	2021 - \$4,989,234	\$4,989,234	\$0	\$0	\$0	\$1,247,309	\$0	\$0	\$6,236,543
PVTA	117C00	NON FIXED ROUTE ADA PARA SERV	2021 - \$1,307,113	\$1,307,113	\$0	\$0	\$0	\$326,778	\$0	\$0	\$1,633,891
PVTA	442301	LONGTERM TRANS PLAN - SYSTEM LEVEL	2021 - \$244,384	\$244,384	\$0	\$0	\$0	\$61,096	\$0	\$0	\$305,480
MWRTA	117C00	NON FIXED ROUTE ADA PARA SERV	2021 - \$1,300,000	\$1,300,000	\$0	\$0	\$0	\$325,000	\$0	\$0	\$1,625,000
MWRTA	114200	ACQUISITION OF BUS SUPPORT EQUIP/FACILITIES	2021 - \$248,415	\$248,415	\$62,104	\$0	\$0	\$0	\$0	\$0	\$310,519
MWRTA	113403	TERMINAL, INTERMODAL (TRANSIT)	2021 - \$150,000	\$150,000	\$37,500	\$0	\$0	\$0	\$0	\$0	\$187,500
MWRTA	440000	Mobility Management	2021 - \$25,000	\$25,000	\$6,250	\$0	\$0	\$0	\$0	\$0	\$31,250
CCRTA	117L00	MOBILITY MANAGEMENT	2021 - \$1,306,348	\$1,306,348	\$0	\$0	\$0	\$326,588	\$0	\$0	\$1,632,936
CCRTA	117C00	NON FIXED ROUTE ADA PARA SERV	2021 - \$575,991	\$575,991	\$0	\$0	\$0	\$143,997	\$0	\$0	\$719,988
CCRTA	300900	OPERATING ASSISTANCE	2021 - \$600,000	\$600,000	\$0	\$0	\$0	\$600,000	\$0	\$0	\$1,200,000
CCRTA	117A00	PREVENTIVE MAINTENANCE	2021 - \$6,136,048	\$6,136,048	\$0	\$0	\$0	\$1,321,512	\$0	\$212,500	\$7,670,060
WRTA	300901	UP TO 50% FEDERAL SHARE	2021 - \$5,444,758	\$6,452,205	\$0	\$0	\$0	\$6,452,205	\$0	\$0	\$12,904,410
MBTA	121200	Revenue Vehicle Program		\$80,000,000	\$0	\$0	\$0	\$0	\$0	\$20,000,000	\$100,000,000
MBTA	126301	Systemwide Signals Program		\$65,840,976	\$0	\$0	\$0	\$0	\$0	\$16,460,244	\$82,301,220
LRTA	111202	BUY REPLACEMENT 35-FT HYBRID BUSES (2)	2017 - \$473,767; 2019 - \$98,500; 2020 - \$467,733	\$1,040,000	\$260,000	\$0	\$0	\$0	\$0	\$0	\$1,300,000

## 2022 Transit projects

Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	RTACAP	MAP	ICB	SCA	TDC	Local Funds	Total Cost
<b>Subtotal</b>				<b>\$212,908,527</b>	<b>\$7,293,788</b>	<b>\$0</b>	<b>\$0</b>	<b>\$26,477,336</b>	<b>\$1,105,695</b>	<b>\$40,527,572</b>	<b>\$287,207,223</b>
<b>5309</b>											
<b>Subtotal</b>				<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>5310</b>											
MassDOT	111200	Mobility Assistance Program		\$6,035,578	\$0	\$4,000,000	\$0	\$0	\$0	\$0	\$10,035,578
<b>Subtotal</b>				<b>\$6,035,578</b>	<b>\$0</b>	<b>\$4,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$10,035,578</b>
<b>5311</b>											
VTA	300901	UP TO 50% FEDERAL SHARE		\$1,500,000	\$0	\$0	\$0	\$1,500,000	\$0	\$0	\$3,000,000
MassDOT	300900	Rural Formula		\$3,749,029	\$0	\$0	\$0	\$0	\$0	\$3,749,029	\$7,498,058
<b>Subtotal</b>				<b>\$5,249,029</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,500,000</b>	<b>\$0</b>	<b>\$3,749,029</b>	<b>\$10,498,058</b>
<b>5337</b>											
GATRA	123402	REHAB/RENOV - RAIL STATION	2019 - \$863,434	\$863,434	\$0	\$0	\$0	\$0	\$0	\$215,859	\$1,079,293
WRTA	113403	TERMINAL, INTERMODAL (TRANSIT)		\$2,519,535	\$0	\$0	\$0	\$0	\$0	\$629,884	\$3,149,419
MBTA	122405	Bridge & Tunnel Program		\$72,000,000	\$0	\$0	\$0	\$0	\$0	\$18,000,000	\$90,000,000
MBTA	123400	Stations and Facilities Program		\$11,347,989	\$0	\$0	\$0	\$0	\$0	\$2,836,997	\$14,184,986
MBTA	126301	Systemwide Signals Program		\$64,000,000	\$0	\$0	\$0	\$0	\$0	\$16,000,000	\$80,000,000
<b>Subtotal</b>				<b>\$150,730,958</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$37,682,740</b>	<b>\$188,413,698</b>
<b>5339</b>											
WRTA	111201	BUY REPLACEMENT 40-FT BUS		\$544,766	\$0	\$0	\$0	\$0	\$108,953	\$0	\$544,766
CCRTA	119202	PURCHASE BUS SHELTERS	2021 - \$60,800	\$60,800	\$15,200	\$0	\$0	\$0	\$0	\$0	\$76,000
CCRTA	114207	ACQUIRE - ADP HARDWARE	2020 - \$19,840	\$19,840	\$4,960	\$0	\$0	\$0	\$0	\$0	\$24,800
CCRTA	111700	VEH OVERHAUL (UP TO 20% VEH MAINT)	2021 - \$720,000	\$720,000	\$180,000	\$0	\$0	\$0	\$0	\$0	\$900,000
CCRTA	114220	ACQUIRE - MISC SUPPORT EQUIPMENT	2020 - \$60,000	\$60,000	\$15,000	\$0	\$0	\$0	\$0	\$0	\$75,000
PVTA	111215	Purchase Replacement Vans (15)	2021 - \$888,729	\$888,729	\$222,182	\$0	\$0	\$0	\$0	\$0	\$1,110,911
MBTA	111400	Bus Program		\$5,552,214	\$0	\$0	\$0	\$0	\$0	\$1,388,053	\$6,940,267
MassDOT	111200	Bus and Bus Facilities (Statewide)		\$1,721,158	\$0	\$0	\$0	\$0	\$0	\$430,290	\$2,151,448
<b>Subtotal</b>				<b>\$9,567,507</b>	<b>\$437,342</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$108,953</b>	<b>\$1,818,343</b>	<b>\$11,823,192</b>
<b>5320</b>											
<b>Subtotal</b>				<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Other Federal</b>											
<b>Subtotal</b>				<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Other Non-Federal</b>											
LRTA	111240	BUY CAP MAINT ITEMS (IT EQUIPMENT)		\$0	\$15,000	\$0	\$0	\$0	\$0	\$0	\$15,000
LRTA	114220	ACQUIRE - TERMINAL & BUILDING EQUIPMENT & MAINTENANCE		\$0	\$100,000	\$0	\$0	\$0	\$0	\$0	\$100,000

## 2022 Transit projects

Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	RTACAP	MAP	ICB	SCA	TDC	Local Funds	Total Cost
VTA	114220	ACQUIRE - MISC SUPPORT EQUIPMENT		\$0	\$490,000	\$0	\$0	\$0	\$0	\$0	\$490,000
VTA	113310	CONSTRUCT - BUS PASSENGER SHELTERS		\$0	\$50,000	\$0	\$0	\$0	\$0	\$0	\$50,000
VTA	113209	ACQUIRE - BUS ROUTE SIGNING		\$0	\$20,000	\$0	\$0	\$0	\$0	\$0	\$20,000
VTA	111400	REHAB/REBUILD - CAPITOL BUS		\$0	\$50,000	\$0	\$0	\$0	\$0	\$0	\$50,000
VTA	114403	REHAB/RENOVATE - ADMIN/MAINT FACILITY		\$0	\$35,000	\$0	\$0	\$0	\$0	\$0	\$35,000
NRTA	111204	BUY REPLACEMENT <30 FT BUS		\$0	\$1,120,000	\$0	\$0	\$0	\$0	\$0	\$1,120,000
NRTA	995000	TRAVELER INFORMATION		\$0	\$30,000	\$0	\$0	\$0	\$0	\$0	\$30,000
NRTA	119308	CONSTRUCT SIGNAGE		\$0	\$3,000	\$0	\$0	\$0	\$0	\$0	\$3,000
NRTA	1000002	PREVENTIVE MAINTENANCE		\$0	\$10,000	\$0	\$0	\$0	\$0	\$0	\$10,000
NRTA	114311	CONSTRUCT - SUPPORT VEHICLES		\$0	\$75,000	\$0	\$0	\$0	\$0	\$0	\$75,000
FRTA	111204	BUY REPLACEMENT <30 FT BUS		\$0	\$516,000	\$0	\$0	\$0	\$0	\$0	\$516,000
BAT	300901	OPERATING ASSISTANCE - Rockland		\$0	\$0	\$0	\$0	\$50,000	\$0	\$50,000	\$100,000
BAT	300901	OPERATING ASSISTANCE - Sunday Service		\$0	\$0	\$0	\$0	\$175,000	\$0	\$175,000	\$350,000
BAT	300901	OPERATING ASSISTANCE - Avon/Stoughton		\$0	\$0	\$0	\$0	\$30,000	\$0	\$30,000	\$60,000
BAT	300901	OPERATING ASSISTANCE - Saturday Evening		\$0	\$0	\$0	\$0	\$50,000	\$0	\$50,000	\$100,000
MassDOT	900000	Transit Technical Assistance		\$0	\$2,000,000	\$0	\$0	\$0	\$0	\$0	\$2,000,000
<b>Subtotal</b>				<b>\$0</b>	<b>\$4,514,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$305,000</b>	<b>\$0</b>	<b>\$305,000</b>	<b>\$5,124,000</b>
<b>Total</b>				<b>\$384,491,599</b>	<b>\$12,245,130</b>	<b>\$4,000,000</b>	<b>\$0</b>	<b>\$28,282,336</b>	<b>\$1,214,648</b>	<b>\$84,082,684</b>	<b>\$513,101,749</b>

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
<b>BERKSHIRE</b>					
606462	LENEX- RECONSTRUCTION & MINOR WIDENING ON WALKER STREET, INCLUDES REPLACEMENT OF CULVERT OVER WOODS CROSSING BROOK	Qualitative	Qualitative Decrease in Emissions	0	
606462	LENEX- RECONSTRUCTION & MINOR WIDENING ON WALKER STREET, INCLUDES REPLACEMENT OF CULVERT OVER WOODS CROSSING BROOK	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	6,202	
607429	NORTH ADAMS- INTERSECTION IMPROVEMENTS AT ROUTE 2 & PHELPS AVENUE	Qualitative	Qualitative Decrease in Emissions	0	
607760	PITTSFIELD- INTERSECTION & SIGNAL IMPROVEMENTS AT 9 LOCATIONS ALONG SR 8 & SR 9	Qualitative	Qualitative Decrease in Emissions	0	
608125	SHEFFIELD- BRIDGE REPLACEMENT, S-10-002, ROUTE 7A (ASHLEY FALLS RD) OVER THE HOUSATONIC RIVER	Qualitative	No assumed impact/negligible impact on emissions	0	
608465	LENEX- LEE- STOCKBRIDGE- RESURFACING AND RELATED WORK ON ROUTE 7	Qualitative	Qualitative Decrease in Emissions	0	
<b>2018 REGION: BERKSHIRE</b>				<b>Total GHG Increase (kg/year)</b>	<b>0</b>
				<b>Total GHG Reduction (kg/year)</b>	<b>-6,202</b>
				<b>Total GHG Difference (kg/year)</b>	<b>-6,202</b>
<b>BOSTON</b>					
604173	BOSTON- BRIDGE REPLACEMENT B-16-016, NORTH WASHINGTON STREET OVER THE BOSTON INNER HARBOR	Qualitative	Qualitative Decrease in Emissions	0	
604989	SOUTHBOROUGH- RECONSTRUCTION OF MAIN STREET (ROUTE 30), FROM SEARS ROAD TO PARK STREET	Quantified	Quantified Decrease in Emissions from Complete Streets Project	0	
604989	SOUTHBOROUGH- RECONSTRUCTION OF MAIN STREET (ROUTE 30), FROM SEARS ROAD TO PARK STREET	Quantified	Quantified Decrease in Emissions from Complete Streets Project	0	
604989	SOUTHBOROUGH- RECONSTRUCTION OF MAIN STREET (ROUTE 30), FROM SEARS ROAD TO PARK STREET	Quantified	Quantified Decrease in Emissions from Complete Streets Project	231,813	
605110	BROOKLINE- INTERSECTION & SIGNAL IMPROVEMENTS @ ROUTE 9 & VILLAGE SQUARE (GATEWAY EAST)	Quantified	Quantified Decrease in Emissions from Complete Streets Project	67,056	
605110	BROOKLINE- INTERSECTION & SIGNAL IMPROVEMENTS @ ROUTE 9 & VILLAGE SQUARE (GATEWAY EAST)	Quantified	Quantified Decrease in Emissions from Complete Streets Project	0	
605110	BROOKLINE- INTERSECTION & SIGNAL IMPROVEMENTS @ ROUTE 9 & VILLAGE SQUARE (GATEWAY EAST)	Quantified	Quantified Decrease in Emissions from Complete Streets Project	0	
606134	BOSTON- TRAFFIC SIGNAL IMPROVEMENTS ON BLUE HILL AVENUE AND WARREN STREET	Qualitative	Qualitative Decrease in Emissions	0	
608651	BRAINTREE- ADAPTIVE SIGNAL CONTROLS ON ROUTE 37 (GRANITE STREET)	Qualitative	Qualitative Decrease in Emissions	0	

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
2018	REGION: BOSTON		Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	-298,869	
			Total GHG Difference (kg/year)	-298,869	
CAPE COD					
606596	CHATHAM- IMPROVEMENTS ON MAIN STREET (ROUTE 28), FROM GEORGE RYDER ROAD TO BARN HILL ROAD	Quantified	Quantified Decrease in Emissions from Complete Streets Project	175	
606596	CHATHAM- IMPROVEMENTS ON MAIN STREET (ROUTE 28), FROM GEORGE RYDER ROAD TO BARN HILL ROAD	Quantified	Quantified Decrease in Emissions from Complete Streets Project	0	GHG CO2 impact listed under STP funding line
606596	CHATHAM- IMPROVEMENTS ON MAIN STREET (ROUTE 28), FROM GEORGE RYDER ROAD TO BARN HILL ROAD	Quantified	Quantified Decrease in Emissions from Complete Streets Project	0	GHG CO2 impact listed under STP funding line
607435	BARNSTABLE- INTERSECTION IMPROVEMENTS @ FALMOUTH ROAD (ROUTE 28) & OSTERVILLE-WEST BARNSTABLE ROAD	Qualitative	Qualitative Decrease in Emissions	0	Assumed Nominal Decrease in Emissions from Sidewalk and Bicycle Infrastructure
607435	BARNSTABLE- INTERSECTION IMPROVEMENTS @ FALMOUTH ROAD (ROUTE 28) & OSTERVILLE-WEST BARNSTABLE ROAD	Qualitative	Qualitative Decrease in Emissions	0	Assumed Nominal Decrease in Emissions from Sidewalk and Bicycle Infrastructure
CC1000	BARNSTABLE - HYANNIS LOOP DEMONSTATION	Quantified	Quantified Decrease in Emissions from New/Additional Transit Service	70,080	
CC2000	CAPE COD - BICYCLE RACK PROGRAM	Quantified	Quantified Decrease in Emissions from Other Improvements	1,000,967	GHG reduction rate based on SRPEDD analysis for comparable program
2018	REGION: CAPE COD		Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	-1,071,222	
			Total GHG Difference (kg/year)	-1,071,222	
CENTRAL MASSACHUSETTS					
604893	WORCESTER- STREETScape IMPROVEMENTS AT MAIN STREET & MAYWOOD STREET	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	9,600	
604948	UXBRIDGE- RECONSTRUCTION OF ROUTE 122 (NORTH MAIN STREET), FROM HARTFORD AVENUE TO ROUTE 16	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	14,040	
605740	WORCESTER- INTERSECTION IMPROVEMENTS AT WINTHROP STREET & PROVIDENCE STREET, VERNON STREET & GRANITE STREET	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	69,250	
605740	WORCESTER- INTERSECTION IMPROVEMENTS AT WINTHROP STREET & PROVIDENCE STREET, VERNON STREET & GRANITE STREET	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	0	GHG numbers are calculated above
605820	WORCESTER- BLACKSTONE RIVER BIKEWAY (SEGMENT 7), INCLUDING BRIDGE REHAB, W-44-041, MCGRATH BOULEVARD OVER MADISON STREET	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	401,949	

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
606440	PRINCETON- RECONSTRUCTION OF ROUTE 140, FROM STERLING T.L. THROUGH EAST PRINCETON VILLAGE TO ROUTE 31, INCLUDING REHAB OF P-16-017	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	4,175	
606440	PRINCETON- RECONSTRUCTION OF ROUTE 140, FROM STERLING T.L. THROUGH EAST PRINCETON VILLAGE TO ROUTE 31, INCLUDING REHAB OF P-16-017	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	0	GHG numbers are calculated above
606888	WORCESTER- BLACKSTONE CANAL STREETSCAPE IMPROVEMENTS ON HARDING STREET	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	1,800	
606888	WORCESTER- BLACKSTONE CANAL STREETSCAPE IMPROVEMENTS ON HARDING STREET	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	0	GHG numbers are calculated below
607917	AUBURN TO WORCESTER- GUIDE & TRAFFIC SIGN REPLACEMENT ON A SECTION OF INTERSTATE 290	Qualitative	Qualitative Decrease in Emissions	0	
608191	WEST BROOKFIELD- SIDEWALK AND WHEELCHAIR CONSTRUCTION ON ROUTE 9	Qualitative	Qualitative Decrease in Emissions	0	
608394	STURBRIDGE- STORMWATER IMPROVEMENTS ALONG ROUTE 20 AND INTERSTATE 84	Qualitative	No assumed impact/negligible impact on emissions	0	
608808	MILLVILLE- UXBRIDGE- PAVEMENT PRESERVATION AND RELATED WORK ON ROUTE 146	Qualitative	Qualitative Decrease in Emissions	0	
608822	AUBURN- WORCESTER- PAVEMENT PRESERVATION AND RELATED WORK ON I-290	Qualitative	Qualitative Decrease in Emissions	0	
<b>2018 REGION: CENTRAL MASSACHUSETTS</b>			<b>Total GHG Increase (kg/year)</b>	<b>0</b>	
			<b>Total GHG Reduction (kg/year)</b>	<b>-500,814</b>	
			<b>Total GHG Difference (kg/year)</b>	<b>-500,814</b>	
<b>FRANKLIN</b>					
606507	CHARLEMONT- ROADWAY RECONSTRUCTION AND VILLAGE CENTER TRAFFIC CALMING ON ROUTE 2, FROM MM 29.5 TO MM 31.0	Quantified	Quantified Decrease in Emissions from Complete Streets Project	144	
607253	ERVING- STREETSCAPE & PEDESTRIAN IMPROVEMENTS ON ROUTE 63, FROM RIVER STREET TO 1,200 FT. NORTH OF LILLIAN WAY (1 MILE)	Quantified	Quantified Decrease in Emissions from Complete Streets Project	296	
608235	GREENFIELD- BRIDGE REPLACEMENT, G-12-006, NASH'S MILL ROAD OVER GREEN RIVER	Qualitative	No assumed impact/negligible impact on emissions	0	
<b>2018 REGION: FRANKLIN</b>			<b>Total GHG Increase (kg/year)</b>	<b>0</b>	
			<b>Total GHG Reduction (kg/year)</b>	<b>-440</b>	
			<b>Total GHG Difference (kg/year)</b>	<b>-440</b>	
<b>MARTHA'S VINEYARD</b>					
608529	WEST TISBURY- MARTHA'S VINEYARD CORRELLUS BIKE PATH (PHASE 1)	Qualitative	No assumed impact/negligible impact on emissions	0	
MY1000	Design-Build Five Permanent Traffic Count Stations on Martha's Vineyard	Qualitative	No assumed impact/negligible impact on emissions	0	

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
2018	REGION: MARTHA S VINEYARD		Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	0	
			Total GHG Difference (kg/year)	0	
<b>MERRIMACK VALLEY</b>					
605020	SALISBURY- MULTI-USE TRAIL EXTENSION (BORDERS TO BOSTON TRAIL), INCLUDES NEW BRIDGE S-02-004	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	18,631	Emissions Reduction = 18,631 kg / yr
605020	SALISBURY- MULTI-USE TRAIL EXTENSION (BORDERS TO BOSTON TRAIL), INCLUDES NEW BRIDGE S-02-004	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	0	Emissions Reduction = 18,631 kg / yr shown above in CMAQ listing
605306	HAVERHILL- BRIDGE REPLACEMENT, H-12-039, I-495 (NB & SB) OVER MERRIMACK RIVER	Qualitative	No assumed impact/negligible impact on emissions	0	
606159	NORTH ANDOVER- INTERSECTION & SIGNAL IMPROVEMENTS AT ROUTE 125 & MASSACHUSETTS AVENUE	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	482,727	Emissions Reduction = 482,727 kg / yr
606159	NORTH ANDOVER- INTERSECTION & SIGNAL IMPROVEMENTS AT ROUTE 125 & MASSACHUSETTS AVENUE	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	0	Emissions Reduction = 482,727 kg / yr shown above in HSIP listing
606159	NORTH ANDOVER- INTERSECTION & SIGNAL IMPROVEMENTS AT ROUTE 125 & MASSACHUSETTS AVENUE	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	0	Emissions Reduction = 482,727 kg / yr shown above in HSIP listing
607737	AMESBURY- SALISBURY- TRAIL CONNECTOR @ I-95	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	3,972	Emissions Reduction = 3,972 kg / yr
608809	LAWRENCE- NORTH ANDOVER- RESURFACING AND RELATED WORK ON ROUTE 114	Qualitative	Qualitative Decrease in Emissions	0	
2018	REGION: MERRIMACK VALLEY		Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	-505,330	
			Total GHG Difference (kg/year)	-505,330	
<b>MONTACHUSETT</b>					
605094	FITCHBURG- BRIDGE REPLACEMENT, F-04-003, STATE ROUTE 31 OVER PHILLIPS BROOK	Qualitative	No assumed impact/negligible impact on emissions	0	
606124	FITCHBURG- LUNENBURG- LEOMINSTER- RECONSTRUCTION OF SUMMER STREET AND NORTH STREET	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	0	See above
606124	FITCHBURG- LUNENBURG- LEOMINSTER- RECONSTRUCTION OF SUMMER STREET AND NORTH STREET	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	9	
606124	FITCHBURG- LUNENBURG- LEOMINSTER- RECONSTRUCTION OF SUMMER STREET AND NORTH STREET	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	0	See above
607127	HUBBARDSTON- BRIDGE REPLACEMENT, H-24-009, EVERGREEN ROAD OVER MASON BROOK	Qualitative	No assumed impact/negligible impact on emissions	0	
608179	ROYALSTON- BRIDGE REPLACEMENT, R-12-009, NORTH FITZWILLIAM ROAD OVER LAWRENCE BROOK	Qualitative	No assumed impact/negligible impact on emissions	0	



MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
608188	GARDNER- LEOMINSTER- STERLING- INTERSECTION IMPROVEMENTS AT 3 LOCATIONS	Qualitative	No assumed impact/negligible impact on emissions	0	Safety Related Improvements
608188	GARDNER- LEOMINSTER- STERLING- INTERSECTION IMPROVEMENTS AT 3 LOCATIONS	Qualitative	No assumed impact/negligible impact on emissions	0	Safety Related Improvements
608864	GARDNER- BRIDGE REPLACEMENT, G-01-008, PLEASANT STREET OVER THE B&M RAILROAD	Qualitative	No assumed impact/negligible impact on emissions	0	
2018	REGION: MONTACHUSETT		Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	-9	
			Total GHG Difference (kg/year)	-9	
NORTHERN MIDDLESEX					
606189	LOWELL- IMPROVEMENTS ON ROUTE 38 AT FOUR INTERSECTIONS	Qualitative	Qualitative Decrease in Emissions	0	
606189	LOWELL- IMPROVEMENTS ON ROUTE 38 AT FOUR INTERSECTIONS	Qualitative	Qualitative Decrease in Emissions	0	
608037	WESTFORD- INTERSECTION IMPROVEMENTS @ GROTON ROAD (ROUTE 40) & DUNSTABLE ROAD	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	0	
608037	WESTFORD- INTERSECTION IMPROVEMENTS @ GROTON ROAD (ROUTE 40) & DUNSTABLE ROAD	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	440,301	
2018	REGION: NORTHERN MIDDLESEX		Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	-440,301	
			Total GHG Difference (kg/year)	-440,301	
OLD COLONY					
606264	PLYMOUTH- IMPROVEMENTS ON OBERY STREET, FROM SOUTH STREET TO A.A. CARANCI WAY/PLYMOUTH NORTH H.S. DRIVE INTERSECTION	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	583,160	
607337	PEMBROKE- INTERSECTION IMPROVEMENTS AND RELATED WORK AT WASHINGTON STREET (ROUTE 53) AND PLEASANT STREET	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	170,714	
607438	EASTON- INTERSECTION IMPROVEMENTS AT WASHINGTON STREET (ROUTE 138) AND UNION STREET	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	326,293	
607860	WHITMAN- TRAFFIC SIGNAL IMPROVEMENTS & RELATED WORK ON BEDFORD STREET (ROUTE 18) AT 2 LOCATIONS: AUBURN STREET (ROUTE 14) & TEMPLE STREET (ROUTE 27)	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	133,711	
2018	REGION: OLD COLONY		Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	-1,213,878	
			Total GHG Difference (kg/year)	-1,213,878	
PIONEER VALLEY					

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
600936	HOLYOKE- BRIDGE REPLACEMENT, H-21-018, LYMAN STREET OVER FIRST LEVEL CANAL	0	No assumed impact/negligible impact on emissions	0	
603449	WESTFIELD- ROUTE 20 ACCESS IMPROVEMENTS ON COURT STREET & WESTERN AVENUE, FROM LLEWELLYN DRIVE EASTERLY TO LLOYDS HILL ROAD (PHASE I)	Quantified	Quantified Decrease in Emissions from Complete Streets Project	3,224	
604203	AGAWAM- INTERSECTION IMPROVEMENTS AT ROUTE 187 & ROUTE 57	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	3,406	
604597	NORTHAMPTON- IMPROVEMENTS ON I-91 INTERCHANGE 19 AT ROUTE 9 AND DAMON ROAD	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	17,566	
604738	SOUTHAMPTON- RECONSTRUCTION OF GLENDALE ROAD (PHASE II) FROM COLLEGE HIGHWAY (RT 10) NORTHWESTERLY TO POMEROY MEADOW RD (3,801 FEET)	Quantified	Quantified Decrease in Emissions from Complete Streets Project	1,462	
604962	HOLLAND- RESURFACING & RELATED WORK ON BRIMFIELD ROAD, FROM THE BRIMFIELD/HOLLAND T.L. TO WALES ROAD (1.4 MILES - PHASE I)	Quantified	Quantified Decrease in Emissions from Complete Streets Project	280	
607256	HOLYOKE- RESURFACING & RELATED WORK ON HERITAGE STREET, FRONT STREET & DWIGHT STREET FROM MAPLE ST TO THE 1ST LEVEL CANAL (.54 MILES)	Quantified	Quantified Decrease in Emissions from Complete Streets Project	3,227	
607589	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	-999	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	405	
607939	CUMMINGTON- BRIDGE MAINTENANCE, C-21-025, ROUTE 9 OVER THE WESTFIELD RIVER	0	No assumed impact/negligible impact on emissions	0	
608786	AMHERST- HADLEY- NORTHAMPTON- TRANSIT SIGNAL PRIORITY UPGRADES AT VARIOUS LOCATIONS	0	0	0	
PV0002	PALMER - BRIDGE REHABILITATION, P-01-005, MAIN STREET OVER QUABOAG RIVER	0	No assumed impact/negligible impact on emissions	0	
PV0005	PVTA P21 Express Service Between Union Station in Springfield and the Holyoke Transportation Center	Quantified	Quantified Decrease in Emissions from New/Additional Transit Service	7,049	
<b>2018</b>	<b>REGION: PIONEER VALLEY</b>		<b>Total GHG Increase (kg/year)</b>	<b>0</b>	
			<b>Total GHG Reduction (kg/year)</b>	<b>-36,619</b>	
			<b>Total GHG Difference (kg/year)</b>	<b>-36,619</b>	
<b>SOUTHEASTERN MASSACHUSETTS</b>					
117106	WAREHAM- RECONSTRUCTION OF ROUTE 6 & 28, FROM 500 FT. EAST OF TYLER AVENUE TO RED BROOK ROAD (1.65 MILES)	Qualitative	No assumed impact/negligible impact on emissions	0	
117106	WAREHAM- RECONSTRUCTION OF ROUTE 6 & 28, FROM 500 FT. EAST OF TYLER AVENUE TO RED BROOK ROAD (1.65 MILES)	Qualitative	No assumed impact/negligible impact on emissions	0	
605677	MATTAPOISETT- MULTI-USE PATH CONSTRUCTION (PENN CENTRAL RIGHT OF WAY), FROM MATTAPOISETT NECK ROAD TO DEPOT STREET (PHASE 1B)	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	2,644	

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
607304	DARTMOUTH- INTERSECTION IMPROVEMENTS & RELATED WORK AT CHASE ROAD & OLD WESTPORT ROAD	Qualitative	Qualitative Decrease in Emissions	0	Insufficient Information at present time to complete analysis
607304	DARTMOUTH- INTERSECTION IMPROVEMENTS & RELATED WORK AT CHASE ROAD & OLD WESTPORT ROAD	Qualitative	Qualitative Decrease in Emissions	0	Insufficient Information at present time to complete analysis
607531	NORTON- CORRIDOR IMPROVEMENTS & RELATED WORK ON EAST MAIN STREET (ROUTE 123), FROM PINE STREET TO I-495	Qualitative	Qualitative Decrease in Emissions	0	Project will include Traffic Signal Installation at I-495 Ramps Insufficient Information at present time to complete analysis
607566	SEEKONK- REHOBOTH- INTERSTATE MAINTENANCE & RELATED WORK ON I-195	Qualitative	No assumed impact/negligible impact on emissions	0	
608001	FALL RIVER- IMPROVEMENTS AT VIVEIROS ELEMENTARY SCHOOL (SRTS)	Qualitative	No assumed impact/negligible impact on emissions	0	
608377	DARTMOUTH- NEW BEDFORD- INTERSTATE MAINTENANCE AND RELATED WORK ON I-195	Qualitative	No assumed impact/negligible impact on emissions	0	
608747	NEW BEDFORD- IMPROVEMENTS AT ASHLEY AND LINCOLN ELEMENTARY SCHOOLS (SRTS)	Qualitative	No assumed impact/negligible impact on emissions	0	
2018	REGION: SOUTHEASTERN MASSACHUSETTS	Total GHG Increase (kg/year)		0	
		Total GHG Reduction (kg/year)		-2,644	
		Total GHG Difference (kg/year)		-2,644	
STATEWIDE					
606938	DISTRICTS 4 AND 6 - EXPANSION OF ITS EQUIPMENT (CCTV CAMERAS, TRAFFIC SENSORS, AND VMS) FOR HIGHWAY OPERATIONS	Qualitative	Qualitative Decrease in Emissions	0	
607487	DISTRICTS 3 AND 5 - EXPANSION OF ITS EQUIPMENT (CCTV CAMERAS, TRAFFIC SENSORS, AND VMS) FOR HIGHWAY OPERATIONS	Qualitative	Qualitative Decrease in Emissions	0	
607898	DISTRICT 5 - BRIDGE CLEANING ALONG I-495, ROUTE 25 ROUTE 6 AND ROUTE 28	Qualitative	No assumed impact/negligible impact on emissions	0	
607905	DISTRICT 3- BRIDGE MAINTENANCE AT VARIOUS LOCATIONS	Qualitative	No assumed impact/negligible impact on emissions	0	
607916	FALL RIVER TO RANDOLPH- GUIDE & TRAFFIC SIGN REPLACEMENT ON A SECTION OF ROUTE 24	Qualitative	Qualitative Decrease in Emissions	0	
607919	BOLTON TO LOWELL- GUIDE & TRAFFIC SIGN REPLACEMENT ON A SECTION OF INTERSTATE 495	Qualitative	Qualitative Decrease in Emissions	0	
607959	DISTRICT 2-SYSTEMATIC MAINTENANCE AT VARIOUS LOCATIONS	Qualitative	No assumed impact/negligible impact on emissions	0	
607993	AYER- NATICK- LEOMINSTER- WORCESTER- STORMWATER IMPROVEMENTS ALONG ROUTE 2, ROUTE 9, ROUTE 12, ROUTE 2A, ROUTE 110, ROUTE 111 AND I-290	Qualitative	No assumed impact/negligible impact on emissions	0	
607995	LOWELL- CHELMSFORD- ANDOVER- STORMWATER IMPROVEMENTS ALONG ROUTE 28 AND I-495	Qualitative	No assumed impact/negligible impact on emissions	0	

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
608204	ATTLEBORO TO NORWOOD- GUIDE AND TRAFFIC SIGN REPLACEMENT ON A SECTION OF I-95	Qualitative	Qualitative Decrease in Emissions	0	
608209	LITTLETON- WESTFORD- INTERSTATE MAINTENANCE AND RELATED WORK ON I-495	Qualitative	No assumed impact/negligible impact on emissions	0	
608295	DISTRICT 5- IMPLEMENTATION OF FLASHING YELLOW ARROW AT VARIOUS TRAFFIC SIGNALS	Qualitative	No assumed impact/negligible impact on emissions	0	
608455	PLYMOUTH- KINGSTON- CARVER- PLYMPTON- RESURFACING AND RELATED WORK ON ROUTE 44 (FROM MM 28.8 TO 36.4)	Qualitative	Qualitative Decrease in Emissions	0	
608488	AMHERST- LEVERETT- SUNDERLAND- RESURFACING AND RELATED WORK ON ROUTE 63	Qualitative	Qualitative Decrease in Emissions	0	
608581	STATEWIDE-VARIOUS SAFETY STRATEGIES TO ADDRESS SHSP-TO BE DETERMINED (2018)	Qualitative	No assumed impact/negligible impact on emissions	0	
608607	DISTRICTS 3 AND 5 - ITS EQUIPMENT (CCTV CAMERAS, TRAFFIC SENSORS, AND VMS) FOR HIGHWAY OPERATIONS	Qualitative	Qualitative Decrease in Emissions	0	
608833	PLACEHOLDER - HIGH RISK RURAL ROAD PROJECT	Qualitative	No assumed impact/negligible impact on emissions	0	
BRI18	Bridge Inspection	Qualitative	No assumed impact/negligible impact on emissions	0	
BRI18	Bridge Inspection	Qualitative	No assumed impact/negligible impact on emissions	0	
2018	REGION: STATEWIDE		Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	0	
			Total GHG Difference (kg/year)	0	
2018			Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	-4,076,328	
			Total GHG Difference (kg/year)	-4,076,328	
BERKSHIRE					
603255	PITTSFIELD- BRIDGE REPLACEMENT, P-10-049, LAKEWAY DRIVE OVER ONOTA LAKE	Qualitative	No assumed impact/negligible impact on emissions	0	
606233	PITTSFIELD- INTERSECTION & SIGNAL IMPROVEMENTS AT FIRST STREET & NORTH STREET (NEAR BERKSHIRE MEDICAL CENTER)	Qualitative	Qualitative Decrease in Emissions	0	Not yet enough information to generate an estimate
606233	PITTSFIELD- INTERSECTION & SIGNAL IMPROVEMENTS AT FIRST STREET & NORTH STREET (NEAR BERKSHIRE MEDICAL CENTER)	Qualitative	Qualitative Decrease in Emissions	0	Not yet enough information to generate an estimate
606233	PITTSFIELD- INTERSECTION & SIGNAL IMPROVEMENTS AT FIRST STREET & NORTH STREET (NEAR BERKSHIRE MEDICAL CENTER)	Qualitative	Qualitative Decrease in Emissions	0	Not yet enough information to generate an estimate
606462	LENEX- RECONSTRUCTION & MINOR WIDENING ON WALKER STREET, INCLUDES REPLACEMENT OF CULVERT OVER WOODS CROSSING BROOK	Qualitative	Qualitative Decrease in Emissions	0	
606891	LANESBOROUGH- PITTSFIELD- ASHUWILLTICOOK RAIL TRAIL EXTENSION TO CRANE AVENUE	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	19,278	

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
607254	NORTH ADAMS- WILLIAMSTOWN- MOHAWK BICYCLE/PEDESTRIAN TRAIL	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	4,369	
607756	GREAT BARRINGTON- INTERSECTION & SIGNAL IMPROVEMENTS ON US 7 (SOUTH MAIN STREET) AT SR 23 & SR 41 (MAPLE AVENUE)	Qualitative	Qualitative Decrease in Emissions	0	
608243	NEW MARLBOROUGH- BRIDGE REPLACEMENT, N-08-010, UMPACHENE FALLS OVER KONKAPOT RIVER	Qualitative	No assumed impact/negligible impact on emissions	0	
608263	SHEFFIELD- BRIDGE REPLACEMENT, S-10-019, BERKSHIRE SCHOOL ROAD OVER SCHENOB BROOK	Qualitative	No assumed impact/negligible impact on emissions	0	
608523	PITTSFIELD- BRIDGE REPLACEMENT, P-10-042, NEW ROAD OVER WEST BRANCH OF THE HOUSATONIC RIVER	Qualitative	No assumed impact/negligible impact on emissions	0	
608754	DALTON- INTERSECTION IMPROVEMENTS AT ROUTES 8 & 9 (MAIN ST) AT SOUTH ST & WEST HOUSATONIC ST	Qualitative	Qualitative Decrease in Emissions	0	
<b>2019 REGION: BERKSHIRE</b>			<b>Total GHG Increase (kg/year)</b>	<b>0</b>	
			<b>Total GHG Reduction (kg/year)</b>	<b>-23,647</b>	
			<b>Total GHG Difference (kg/year)</b>	<b>-23,647</b>	
<b>BOSTON</b>					
604173	BOSTON- BRIDGE REPLACEMENT B-16-016, NORTH WASHINGTON STREET OVER THE BOSTON INNER HARBOR	0	Qualitative Decrease in Emissions	0	
605034	NATICK- RECONSTRUCTION OF ROUTE 27 (NORTH MAIN STREET), FROM NORTH AVENUE TO THE WAYLAND T.L.	Quantified	Quantified Decrease in Emissions from Complete Streets Project	0	
605034	NATICK- RECONSTRUCTION OF ROUTE 27 (NORTH MAIN STREET), FROM NORTH AVENUE TO THE WAYLAND T.L.	Quantified	Quantified Decrease in Emissions from Complete Streets Project	189,410	
605034	NATICK- RECONSTRUCTION OF ROUTE 27 (NORTH MAIN STREET), FROM NORTH AVENUE TO THE WAYLAND T.L.	Quantified	Quantified Decrease in Emissions from Complete Streets Project	0	
605789	BOSTON- RECONSTRUCTION OF MELNEA CASS BOULEVARD	Quantified	Quantified Decrease in Emissions from Complete Streets Project	0	Emissions reductions reported in Section 1A
605789	BOSTON- RECONSTRUCTION OF MELNEA CASS BOULEVARD	Quantified	Quantified Decrease in Emissions from Complete Streets Project	2,872,641	
605789	BOSTON- RECONSTRUCTION OF MELNEA CASS BOULEVARD	Quantified	Quantified Decrease in Emissions from Complete Streets Project	0	Emissions reductions reported in Section 1A
605789	BOSTON- RECONSTRUCTION OF MELNEA CASS BOULEVARD	Quantified	Quantified Decrease in Emissions from Complete Streets Project	0	Emissions reductions reported in Section 1A
605789	BOSTON- RECONSTRUCTION OF MELNEA CASS BOULEVARD	Quantified	Quantified Decrease in Emissions from Complete Streets Project	0	Emissions reductions reported in Section 1A
606043	HOPKINTON- SIGNAL & INTERSECTION IMPROVEMENTS ON ROUTE 135	Quantified	Quantified Decrease in Emissions from Complete Streets Project	0	
606043	HOPKINTON- SIGNAL & INTERSECTION IMPROVEMENTS ON ROUTE 135	Quantified	Quantified Decrease in Emissions from Complete Streets Project	0	

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
606043	HOPKINTON- SIGNAL & INTERSECTION IMPROVEMENTS ON ROUTE 135	Quantified	Quantified Decrease in Emissions from Complete Streets Project	1,298,625	
606316	BROOKLINE- PEDESTRIAN BRIDGE REHABILITATION, B-27-016, OVER MBTA OFF CARLTON STREET	Qualitative	Qualitative Decrease in Emissions	0	
606635	NEEDHAM-NEWTON- RECONSTRUCTION OF HIGHLAND AVENUE, NEEDHAM STREET & CHARLES RIVER BRIDGE, N-04-002, FROM WEBSTER STREET (NEEDHAM) TO REOUT 9 (NEWTON)	Quantified	Quantified Decrease in Emissions from Complete Streets Project	1,186,210	
606635	NEEDHAM-NEWTON- RECONSTRUCTION OF HIGHLAND AVENUE, NEEDHAM STREET & CHARLES RIVER BRIDGE, N-04-002, FROM WEBSTER STREET (NEEDHAM) TO REOUT 9 (NEWTON)	Quantified	Quantified Decrease in Emissions from Complete Streets Project	0	
606635	NEEDHAM-NEWTON- RECONSTRUCTION OF HIGHLAND AVENUE, NEEDHAM STREET & CHARLES RIVER BRIDGE, N-04-002, FROM WEBSTER STREET (NEEDHAM) TO REOUT 9 (NEWTON)	Quantified	Quantified Decrease in Emissions from Complete Streets Project	0	
606635	NEEDHAM-NEWTON- RECONSTRUCTION OF HIGHLAND AVENUE, NEEDHAM STREET & CHARLES RIVER BRIDGE, N-04-002, FROM WEBSTER STREET (NEEDHAM) TO REOUT 9 (NEWTON)	Quantified	Quantified Decrease in Emissions from Complete Streets Project	0	
607428	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.	Quantified	Quantified Decrease in Emissions from Complete Streets Project	201,148	
607428	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.	0	Quantified Decrease in Emissions from Complete Streets Project	0	
607652	EVERETT- RECONSTRUCTION OF FERRY STREET, SOUTH FERRY STREET AND A PORTION OF ELM STREET	Quantified	Quantified Decrease in Emissions from Complete Streets Project	0	
607652	EVERETT- RECONSTRUCTION OF FERRY STREET, SOUTH FERRY STREET AND A PORTION OF ELM STREET	Quantified	Quantified Decrease in Emissions from Complete Streets Project	435,976	
607652	EVERETT- RECONSTRUCTION OF FERRY STREET, SOUTH FERRY STREET AND A PORTION OF ELM STREET	Quantified	Quantified Decrease in Emissions from Complete Streets Project	0	
607652	EVERETT- RECONSTRUCTION OF FERRY STREET, SOUTH FERRY STREET AND A PORTION OF ELM STREET	Quantified	Quantified Decrease in Emissions from Complete Streets Project	0	
607748	ACTON- INTERSECTION & SIGNAL IMPROVEMENTS ON SR 2 & SR 111 (MASSACHUSETTS AVENUE) AT PIPER ROAD & TAYLOR ROAD	Qualitative	Qualitative Decrease in Emissions	0	
607759	BOSTON- INTERSECTION & SIGNAL IMPROVEMENTS AT THE VFW PARKWAY & SPRING STREET	Qualitative	Qualitative Decrease in Emissions	0	
607761	SWAMPSCOTT- INTERSECTION & SIGNAL IMPROVEMENTS AT SR 1A (PARADISE ROAD) AT SWAMPSCOTT MALL	Qualitative	Qualitative Decrease in Emissions	0	
607763	MILTON- INTERSECTION & SIGNAL IMPROVEMENTS AT 2 LOCATIONS: SR 138 (BLUE HILL AVENUE) AT ATHERTON STREET & BRADLEE ROAD AND SR 138 (BLUE HILL AVENUE) AT MILTON STREET & DOLLAR LANE	Qualitative	Qualitative Decrease in Emissions	0	
608052	NORWOOD- INTERSECTION & SIGNAL IMPROVEMENTS AT US 1 (PROVIDENCE HIGHWAY) & MORSE STREET	Qualitative	Qualitative Decrease in Emissions	0	

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
608205	READING TO LYNNFIELD- GUIDE AND TRAFFIC SIGN REPLACEMENT ON A SECTION OF I-95 (SR 128)	Qualitative	Qualitative Decrease in Emissions	0	
608206	CHELSEA TO DANVERS- GUIDE AND TRAFFIC SIGN REPLACEMENT ON A SECTION OF US ROUTE 1	Qualitative	Qualitative Decrease in Emissions	0	
608219	READING- WAKEFIELD- INTERSTATE MAINTENANCE AND RELATED WORK ON I-95	Qualitative	Qualitative Decrease in Emissions	0	
608467	MARLBOROUGH- RESURFACING AND RELATED WORK ON ROUTE 20	Qualitative	Qualitative Decrease in Emissions	0	
608468	PEABODY- DANVERS- RESURFACING AND RELATED WORK ON ROUTE 1	Qualitative	Qualitative Decrease in Emissions	0	
608528	WESTON- WALTHAM- RESURFACING AND RELATED WORK ON ROUTE 20	Qualitative	Qualitative Decrease in Emissions	0	
608587	DEDHAM- RECONSTRUCTION & RELATED WORK OF BRIDGE STREET (ROUTE 109) AND AMES STREET	Qualitative	Qualitative Decrease in Emissions	0	
608755	BOSTON- INTERSECTION IMPROVEMENTS AT MORTON STREET AND HARVARD STREET	Qualitative	Qualitative Decrease in Emissions	0	
BN0008	Parker River National Wildlife Refuge - Replace Hellcat Trail Boardwalk	Qualitative	Qualitative Decrease in Emissions	0	
2019	REGION: BOSTON		Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	-6,184,010	
			Total GHG Difference (kg/year)	-6,184,010	
CAPE COD					
606272	BARNSTABLE- INTERSECTION IMPROVEMENTS AT IYANOUGH ROAD (ROUTE 28) AND YARMOUTH ROAD	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	0	GHG CO2 impact listed under STP funding line
606272	BARNSTABLE- INTERSECTION IMPROVEMENTS AT IYANOUGH ROAD (ROUTE 28) AND YARMOUTH ROAD	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	0	GHG CO2 impact listed under STP funding line
606272	BARNSTABLE- INTERSECTION IMPROVEMENTS AT IYANOUGH ROAD (ROUTE 28) AND YARMOUTH ROAD	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	0	GHG CO2 impact listed under STP funding line
606272	BARNSTABLE- INTERSECTION IMPROVEMENTS AT IYANOUGH ROAD (ROUTE 28) AND YARMOUTH ROAD	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	0	GHG CO2 impact listed under STP funding line
606272	BARNSTABLE- INTERSECTION IMPROVEMENTS AT IYANOUGH ROAD (ROUTE 28) AND YARMOUTH ROAD	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	623,168	
608571	BOURNE TO FALMOUTH- GUIDE AND TRAFFIC SIGN REPLACEMENT ON A SECTION OF ROUTE 28	0	Qualitative Decrease in Emissions	0	
608588	TRURO- BICYCLE ACCOMMODATION IMPROVEMENT ON ROUTE 6 FROM SOUTH HIGHLAND ROAD TO SOUTH HOLLOW ROAD (PHASE 2)	Qualitative	Qualitative Decrease in Emissions	0	Assumed Nominal Decrease in Emissions from Bicycle Infrastructure
CC1001	CAPE COD NATIONAL SEASHORE - PAVEMENT OVERLAY ON DOANE ROAD	0	Qualitative Decrease in Emissions	0	
CC2000	CAPE COD - BICYCLE RACK PROGRAM	Quantified	Quantified Decrease in Emissions from Other Improvements	1,000,967	GHG reduction rate based on SRPEDD analysis for comparable program

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
2019	REGION: CAPE COD	Total GHG Increase (kg/year)		0	
		Total GHG Reduction (kg/year)		-1,624,135	
		Total GHG Difference (kg/year)		-1,624,135	
CENTRAL MASSACHUSETTS					
601368	WORCESTER- RESURFACING & RELATED WORK ON ROUTE 122 (GRAFTON STREET), FROM WASHINGTON SQUARE TO RICE SQUARE (1.4 MILES)	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	56,950	
601368	WORCESTER- RESURFACING & RELATED WORK ON ROUTE 122 (GRAFTON STREET), FROM WASHINGTON SQUARE TO RICE SQUARE (1.4 MILES)	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	0	GHG numbers calculated above
603251	WORCESTER- SIGNAL & INTERSECTION IMPROVEMENTS @ HOLDEN STREET, DRUMMOND AVENUE & SHORE DRIVE, INCLUDES CULVERT EXTENSION OF W-44-122, SHORE DRIVE OVER (UNNAMED) STREAM	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	1,014,814	
603251	WORCESTER- SIGNAL & INTERSECTION IMPROVEMENTS @ HOLDEN STREET, DRUMMOND AVENUE & SHORE DRIVE, INCLUDES CULVERT EXTENSION OF W-44-122, SHORE DRIVE OVER (UNNAMED) STREAM	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	0	GHG numbers calculated above
606125	UPTON - RECONSTRUCTION OF HIGH STREET AND HOPKINTON ROAD (PHASE I)	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	442,393	
606125	UPTON - RECONSTRUCTION OF HIGH STREET AND HOPKINTON ROAD (PHASE I)	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	0	GHG numbers calculated above
607250	PAXTON- RECLAMATION ON ROUTE 31 (HOLDEN ROAD)	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	100	
607250	PAXTON- RECLAMATION ON ROUTE 31 (HOLDEN ROAD)	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	0	GHG numbers calculated above
607757	WORCESTER- SIGNAL & INTERSECTION IMPROVEMENTS ON ROUTE SR 122A (PROVIDENCE STREET) AT MILLBURY STREET & MCKEON ROAD	Qualitative	Qualitative Decrease in Emissions	0	
608190	EAST BROOKFIELD- BRIDGE REPLACEMENT, E-02-001, SOUTH POND ROAD OVER SOUTH POND INLET	Qualitative	No assumed impact/negligible impact on emissions	0	
608237	WORCESTER- BOYLSTON- NORTHBOROUGH- STRUCTURAL STEEL CLEANING AND PAINTING OF OVERHEAD BRIDGES ON I-290	Qualitative	No assumed impact/negligible impact on emissions	0	
608757	WORCESTER- INTERSECTION IMPROVEMENTS AT WEST MOUNTAIN STREET AT I-190 FRONTAGE ROAD & BROOKS STREET EXTENSION	Qualitative	Qualitative Decrease in Emissions	0	
2019	REGION: CENTRAL MASSACHUSETTS	Total GHG Increase (kg/year)		0	
		Total GHG Reduction (kg/year)		-1,514,257	
		Total GHG Difference (kg/year)		-1,514,257	

FRANKLIN



MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
603371	ORANGE- RECONSTRUCTION OF NORTH MAIN STREET, FROM SCHOOL STREET TO LINCOLN AVENUE (0.4 MILES) INCL RELOCATION OF FALL HILL BROOK CULVERT	Quantified	Quantified Decrease in Emissions from Complete Streets Project	295	
2019	REGION: FRANKLIN		Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	-295	
			Total GHG Difference (kg/year)	-295	
<b>MARTHA'S VINEYARD</b>					
607411	TISBURY- BIKE & PEDESTRIAN IMPROVEMENTS ALONG BEACH ROAD, FROM THE TERMINATION OF THE EXISTING SHARED USE PATH WESTERLY TO THE FIVE CORNERS INTERSECTION	0	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	0	Construction / Total Project Cost = \$4,388,393 (2019 \$4,563,929 including 4% inflation) \$3,179,390 Statewide CMAQ and \$1,384,538 of Martha's Vineyard regional funding / AC YR 1 of 2 / PSAC Score 33.5; GHG quantified decrease reported in 2020
607411	TISBURY- BIKE & PEDESTRIAN IMPROVEMENTS ALONG BEACH ROAD, FROM THE TERMINATION OF THE EXISTING SHARED USE PATH WESTERLY TO THE FIVE CORNERS INTERSECTION	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	0	Construction / Total Project Cost = \$4,388,393 (2019 \$4,563,929 including 4% inflation) \$3,179,390 Statewide CMAQ and \$1,384,538 of Martha's Vineyard regional funding / AC YR 1 of 2 / PSAC Score 33.5; GHG quantified decrease reported in 2020
2019	REGION: MARTHA S VINEYARD		Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	0	
			Total GHG Difference (kg/year)	0	
<b>MERRIMACK VALLEY</b>					
602418	AMESBURY- RECONSTRUCTION OF ELM STREET	Quantified	Quantified Decrease in Emissions from Complete Streets Project	0	Emissions Reduction = 1,335 kg / yr shown in FY 2020 Listing
605306	HAVERHILL- BRIDGE REPLACEMENT, H-12-039, I-495 (NB & SB) OVER MERRIMACK RIVER	Qualitative	No assumed impact/negligible impact on emissions	0	
608298	GROVELAND- GROVELAND COMMUNITY TRAIL, FROM MAIN STREET TO KING STREET	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	0	Emissions Reduction = 2,710 kg / yr is shown in CMAQ Funding Listing
608298	GROVELAND- GROVELAND COMMUNITY TRAIL, FROM MAIN STREET TO KING STREET	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	2,710	Emissions Reduction = 2,710 kg / yr
608298	GROVELAND- GROVELAND COMMUNITY TRAIL, FROM MAIN STREET TO KING STREET	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	0	Emissions Reduction = 2,710 kg / yr is shown in CMAQ Funding Listing

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
608792	NEWBURYPORT- IMPROVEMENTS AT NOCK MIDDLE SCHOOL & MOLIN UPPER ELEMENTARY SCHOOL (SRTS)	Qualitative	Qualitative Decrease in Emissions	0	
MV0001	FLEX TO FTA FOR MVRTA NEW BUS UPGRADE TO CLEANER FUEL BUSES	Qualitative	Qualitative Decrease in Emissions	0	
2019	REGION: MERRIMACK VALLEY		Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	-2,710	
			Total GHG Difference (kg/year)	-2,710	
<b>MONTACHUSETT</b>					
604961	CLINTON- RESURFACING & RELATED WORK ON ROUTE 110 (HIGH STREET)	Qualitative	No assumed impact/negligible impact on emissions	0	
605651	LEOMINSTER- RECONSTRUCTION ON ROUTE 13, FROM HAWES STREET TO PROSPECT STREET	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	0	See CMAQ Listing
605651	LEOMINSTER- RECONSTRUCTION ON ROUTE 13, FROM HAWES STREET TO PROSPECT STREET	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	138,448	
605651	LEOMINSTER- RECONSTRUCTION ON ROUTE 13, FROM HAWES STREET TO PROSPECT STREET	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	0	See CMAQ Listing
605651	LEOMINSTER- RECONSTRUCTION ON ROUTE 13, FROM HAWES STREET TO PROSPECT STREET	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	0	See CMAQ Listing
607446	WESTMINSTER- INTERSECTION IMPROVEMENTS, ROUTE 2A AT ROUTE 140	Qualitative	Qualitative Decrease in Emissions	0	
608193	FITCHBURG- LEOMINSTER- RAIL TRAIL CONSTRUCTION (TWIN CITIES RAIL TRAIL)	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	407,831	
608259	TOWNSEND- BRIDGE REPLACEMENT, T-07-013, WEST MEADOW ROAD OVER LOCKE BROOK	Qualitative	No assumed impact/negligible impact on emissions	0	
608260	ATHOL- BRIDGE REPLACEMENT, A-15-005, WASHINGTON AVE OVER ATHOL POND OUTLET	Qualitative	No assumed impact/negligible impact on emissions	0	
608612	ATHOL- BRIDGE REPLACEMENT, A-15-008, CRESCENT STREET OVER MILLERS RIVER	Qualitative	No assumed impact/negligible impact on emissions	0	
608728	WINCHENDON- RESURFACING & RELATED WORK ON ROUTE 202, FROM THE TEMPLETON TOWN LINE TO MAIN STREET (3.1 MILES)	Qualitative	Qualitative Decrease in Emissions	0	Road surface improvement
2019	REGION: MONTACHUSETT		Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	-546,279	
			Total GHG Difference (kg/year)	-546,279	
<b>NORTHERN MIDDLESEX</b>					
608346	TEWKSBURY- INTERSECTION IMPROVEMENTS AT MAIN STREET, SALEM ROAD AND SOUTH STREET	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	659,837	
608346	TEWKSBURY- INTERSECTION IMPROVEMENTS AT MAIN STREET, SALEM ROAD AND SOUTH STREET	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	0	

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
608350	DRACUT- IMPROVEMENTS ON NASHUA ROAD	Qualitative	Qualitative Decrease in Emissions	0	
608350	DRACUT- IMPROVEMENTS ON NASHUA ROAD	Qualitative	Qualitative Decrease in Emissions	0	Data not yet available to quantify decrease in emissions.
608350	DRACUT- IMPROVEMENTS ON NASHUA ROAD	Qualitative	Qualitative Decrease in Emissions	0	
2019	REGION: NORTHERN MIDDLESEX		Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	-659,837	
			Total GHG Difference (kg/year)	-659,837	
OLD COLONY					
607941	EAST BRIDGEWATER- RESURFACING AND SIDEWALK CONSTRUCTION ON BEDFORD STREET (ROUTE 18), FROM WHITMAN STREET (ROUTE 106) TO CENTRAL STREET	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	1,525	
608086	AVON- INTERSECTION IMPROVEMENTS AT HARRISON BOULEVARD AND POND STREET	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	989,860	
608088	BROCKTON- CORRIDOR IMPROVEMENTS ON ROUTE 123 (BELMONT STREET), FROM ANGUS BEATON DRIVE TO WEST STREET	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	205,185	
608143	BROCKTON- INTERSECTION IMPROVEMENTS AT NORTH QUINCY STREET, BOUNDARY AVENUE AND CHESTNUT STREET	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	505,089	
2019	REGION: OLD COLONY		Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	-1,701,659	
			Total GHG Difference (kg/year)	-1,701,659	
PIONEER VALLEY					
600513	AGAWAM- RECONSTRUCTION OF ROUTE 187 FROM 425 FT. SOUTH OF S. WESTFIELD STREET TO ROUTE 57 (0.3 MILES - PHASE I)	Quantified	Quantified Decrease in Emissions from Complete Streets Project	414	
603783	WESTFIELD- COLUMBIA GREENWAY RAIL TRAIL CONSTRUCTION (CENTER DOWNTOWN SECTION), FROM EAST SILVER STREET TO COWLES COURT, INCLUDES W-25-014, W-25-015, W-25-016, W-25-017, W-25-018 & W-25-019	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	4,458	
604209	HOLYOKE- WEST SPRINGFIELD- REHABILITATION OF ROUTE 5 (RIVERDALE ROAD), FROM I-91 (INTERCHANGE 13) TO MAIN STREET IN HOLYOKE & FROM ELM STREET TO NORTH ELM STREET IN WEST SPRINGFIELD (3.2 MILES)	Quantified	Quantified Decrease in Emissions from Complete Streets Project	7,843	
606552	NORTHAMPTON- BRIDGE RECONSTRUCTION, N-19-059, I-91 OVER US 5/BMRR & N-19-060, I-91 OVER HOCKANUM ROAD	0	No assumed impact/negligible impact on emissions	0	
606555	NORTHAMPTON- ROUNDABOUT CONSTRUCTION AT INTERSECTION ROUTES 5/10 (NORTH KING STREET) & HATFIELD STREET	Qualitative	Qualitative Decrease in Emissions	0	To be Quantified

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
607474	GRANBY- SOUTH HADLEY- RESURFACING & RELATED WORK ON ROUTE 202, FROM LYMAN STREET SOUTH HADLEY TO PLEASANT STREET GRANBY (2 MILES)	Quantified	Quantified Decrease in Emissions from Complete Streets Project	2,726	
607560	CHICOPEE- HOLYOKE- INTERSTATE MAINTENANCE & RELATED WORK ON I-391	0	No assumed impact/negligible impact on emissions	0	
607736	CHICOPEE- SIGNAL & INTERSECTION IMPROVEMENTS AT 13 INTERSECTIONS ALONG ROUTE 33 (MEMORIAL DRIVE), FROM FULLER ROAD TO ABBEY STREET	Qualitative	Qualitative Decrease in Emissions	0	To be Quantified
607987	WARE- INTERSECTION IMPROVEMENTS @ MAIN STREET, WEST STREET, NORTH STREET, SOUTH STREET & CHURCH STREET	Qualitative	Qualitative Decrease in Emissions	0	To be Quantified
608084	AMHERST- IMPROVEMENTS & RELATED WORK ON ROUTES 9 & 116, FROM UNIVERSITY DRIVE TO SOUTH PLEASANT STREET (0.8 MILES)	Quantified	Quantified Decrease in Emissions from Complete Streets Project	3,109	
608236	NORTHAMPTON- RECONSTRUCTION OF DAMON ROAD, FROM ROUTE 9 TO ROUTE 5, INCLUDES DRAINAGE SYSTEM REPAIRS & SLOPE STABILIZATION AT THE NORWOTTUCK RAIL TRAIL	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	1,983	
608249	MIDDLEFIELD- BRIDGE REPLACEMENT, M-19-010, CHESTER ROAD OVER SMART BROOK	0	No assumed impact/negligible impact on emissions	0	
608258	HUNTINGTON- SYSTEMATIC BRIDGE MAINTENANCE, H-27-007, ROUTE 112 OVER WEST BRANCH OF WESTFIELD RIVER	0	No assumed impact/negligible impact on emissions	0	
608411	SPRINGFIELD- INTERSECTION IMPROVEMENTS AT BAY STREET AND BERKSHIRE AVENUE	Qualitative	Qualitative Decrease in Emissions	0	To be Quantified
608412	BELCHERTOWN- IMPROVEMENTS & RELATED WORK ON ROUTES 202 & 21, FROM TURKEY HILL ROAD TO SOUTH MAIN STREET (1.2 MILES)	Qualitative	Qualitative Decrease in Emissions	0	To be Quantified
608600	CHICOPEE- WEST SPRINGFIELD- HIGHWAY LIGHTING UPGRADE ON I-91	0	No assumed impact/negligible impact on emissions	0	
608790	HOLYOKE- IMPROVEMENTS AT KELLY COMMUNITY SCHOOL (SRTS)	Qualitative	Qualitative Decrease in Emissions	0	To be Quantified
608811	WARE- RESURFACING AND RELATED WORK ON ROUTE 9	Qualitative	Qualitative Decrease in Emissions	0	
2019	REGION: PIONEER VALLEY		Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	-20,533	
			Total GHG Difference (kg/year)	-20,533	
<b>SOUTHEASTERN MASSACHUSETTS</b>					
117106	WAREHAM- RECONSTRUCTION OF ROUTE 6 & 28, FROM 500 FT. EAST OF TYLER AVENUE TO RED BROOK ROAD (1.65 MILES)	Qualitative	No assumed impact/negligible impact on emissions	0	
605677	MATTAPOISETT- MULTI-USE PATH CONSTRUCTION (PENN CENTRAL RIGHT OF WAY), FROM MATTAPOISETT NECK ROAD TO DEPOT STREET (PHASE 1B)	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	0	Impact Accounted for in FFY18
606709	NEW BEDFORD- CORRIDOR IMPROVEMENTS AND RELATED WORK ON KINGS HIGHWAY, FROM CHURCH STREET TO THE KINGS HIGHWAY BRIDGE (N-06-036) OVER ROUTE 140	Qualitative	Qualitative Decrease in Emissions	0	Insufficient Information at present time to complete analysis

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
606709	NEW BEDFORD- CORRIDOR IMPROVEMENTS AND RELATED WORK ON KINGS HIGHWAY, FROM CHURCH STREET TO THE KINGS HIGHWAY BRIDGE (N-06-036) OVER ROUTE 140	Qualitative	Qualitative Decrease in Emissions	0	Insufficient Information at present time to complete analysis
606709	NEW BEDFORD- CORRIDOR IMPROVEMENTS AND RELATED WORK ON KINGS HIGHWAY, FROM CHURCH STREET TO THE KINGS HIGHWAY BRIDGE (N-06-036) OVER ROUTE 140	Qualitative	Qualitative Decrease in Emissions	0	Insufficient Information at present time to complete analysis
606709	NEW BEDFORD- CORRIDOR IMPROVEMENTS AND RELATED WORK ON KINGS HIGHWAY, FROM CHURCH STREET TO THE KINGS HIGHWAY BRIDGE (N-06-036) OVER ROUTE 140	Qualitative	Qualitative Decrease in Emissions	0	Insufficient Information at present time to complete analysis
607392	SEEKONK- INTERSECTION IMPROVEMENTS & RELATED WORK AT FALL RIVER AVENUE (ROUTE 114A) AND COUNTY STREET	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	1,161	
607719	MIDDLEBOROUGH- INTERSECTION IMPROVEMENTS & RELATED WORK AT EVERETT SQUARE	Qualitative	No assumed impact/negligible impact on emissions	0	
608053	MANSFIELD- INTERSECTION & SIGNAL IMPROVEMENTS AT SR 140 (COMMERCIAL STREET) & SR 106 (CHAUNCEY STREET)	Qualitative	No assumed impact/negligible impact on emissions	0	
608215	FAIRHAVEN- STORMWATER IMPROVEMENTS ALONG ROUTE 240 AND ROUTE 6	Qualitative	No assumed impact/negligible impact on emissions	0	
608223	FALL RIVER- RESURFACING AND RELATED WORK ON ROUTE 24 (EXCLUDES MM 3.9-4.5)	Qualitative	No assumed impact/negligible impact on emissions	0	
608454	MIDDLEBOROUGH- CARVER- RESURFACING AND RELATED WORK ON ROUTE 44 FROM MM 21.75 TO 28.80	Qualitative	No assumed impact/negligible impact on emissions	0	
608602	FALL RIVER-SOMERSET-STORMWATER IMPROVEMENTS ALONG I-195 AND ROUTE 79	Qualitative	No assumed impact/negligible impact on emissions	0	
608759	SWANSEA- TRAFFIC SIGNAL AND SAFETY IMPROVEMENTS AT THREE INTERSECTIONS ON ROUTE 6	Qualitative	No assumed impact/negligible impact on emissions	0	
608824	ATTLEBORO- PAVEMENT PRESERVATION AND RELATED WORK ON I-95	Qualitative	No assumed impact/negligible impact on emissions	0	
608828	MIDDLEBOROUGH- PAVEMENT PRESERVATION AND RELATED WORK ON I-495	Qualitative	No assumed impact/negligible impact on emissions	0	
2019	REGION: SOUTHEASTERN MASSACHUSETTS		Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	-1,161	
			Total GHG Difference (kg/year)	-1,161	
STATEWIDE					
607487	DISTRICTS 3 AND 5 - EXPANSION OF ITS EQUIPMENT (CCTV CAMERAS, TRAFFIC SENSORS, AND VMS) FOR HIGHWAY OPERATIONS	Qualitative	Qualitative Decrease in Emissions	0	
608141	STATEWIDE - EXPANSION OF ITS EQUIPMENT (CCTV CAMERAS, TRAFFIC SENSORS, AND VMS) FOR HIGHWAY OPERATIONS	Qualitative	Qualitative Decrease in Emissions	0	
608222	BOURNE- WAREHAM- RESURFACING AND RELATED WORK ON ROUTE 25	Qualitative	Qualitative Decrease in Emissions	0	
608225	DISTRICT 1 - ADA RETROFITS AT VARIOUS LOCATIONS	Qualitative	No assumed impact/negligible impact on emissions	0	
608226	DISTRICT 2 - ADA RETROFITS AT VARIOUS LOCATIONS	Qualitative	No assumed impact/negligible impact on emissions	0	

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
608232	DISTRICT 5 - BRIDGE PRESERVATION ON THE I-95, I-195, I-295 CORRIDORS	Qualitative	No assumed impact/negligible impact on emissions	0	
608251	DISTRICT 2 - SYSTEMATIC MAINTENANCE AT VARIOUS LOCATIONS	Qualitative	No assumed impact/negligible impact on emissions	0	
608477	IPSWICH- ROWLEY- RESURFACING AND RELATED WORK ON ROUTE 1	Qualitative	Qualitative Decrease in Emissions	0	
608582	STATEWIDE-VARIOUS SAFETY STRATEGIES TO ADDRESS SHSP - TO BE DETERMINED IN CONSULTATION WITH FHWA IN 2019	Qualitative	No assumed impact/negligible impact on emissions	0	
608582	STATEWIDE-VARIOUS SAFETY STRATEGIES TO ADDRESS SHSP - TO BE DETERMINED IN CONSULTATION WITH FHWA IN 2019	Qualitative	No assumed impact/negligible impact on emissions	0	
608652	ADAPTIVE SIGNAL CONTROLS IN DISTRICT 5	Qualitative	Qualitative Decrease in Emissions	0	
608796	DISTRICT 4- ADA RETROFITS AT VARIOUS LOCATIONS	Qualitative	No assumed impact/negligible impact on emissions	0	
608838	STATEWIDE - EXPANSION OF HIGHWAY OPERATIONS CENTER INCIDENT DETECTION SYSTEMS	Qualitative	Qualitative Decrease in Emissions	0	
<b>2019 REGION: STATEWIDE</b>			<b>Total GHG Increase (kg/year)</b>	<b>0</b>	
			<b>Total GHG Reduction (kg/year)</b>	<b>0</b>	
			<b>Total GHG Difference (kg/year)</b>	<b>0</b>	
<b>2019</b>			<b>Total GHG Increase (kg/year)</b>	<b>0</b>	
			<b>Total GHG Reduction (kg/year)</b>	<b>-12,278,523</b>	
			<b>Total GHG Difference (kg/year)</b>	<b>-12,278,523</b>	
<b>BERKSHIRE</b>					
607328	ADAMS- PAVEMENT REHABILITATION & RELATED WORK ON ROUTE 8	Qualitative	Qualitative Decrease in Emissions	0	
607328	ADAMS- PAVEMENT REHABILITATION & RELATED WORK ON ROUTE 8	Qualitative	Qualitative Decrease in Emissions	0	
607570	LEE- BIKEWAY CONSTRUCTION, FROM STOCKBRIDGE T.L. TO WEST PARK STREET (PHASE 1)	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	18,003	
608486	WILLIAMSTOWN- RESURFACING AND RELATED WORK ON ROUTE 43	Qualitative	Qualitative Decrease in Emissions	0	
608642	NEW MARLBOROUGH- BRIDGE REPLACEMENT, N-08-001, NORFOLK ROAD OVER UMPACHENE BROOK	Qualitative	No assumed impact/negligible impact on emissions	0	
608645	NEW MARLBOROUGH- BRIDGE REPLACEMENT, N-08-006, CAMPBELL FALLS ROAD OVER WHITING RIVER	Qualitative	No assumed impact/negligible impact on emissions	0	
608646	TYRINGHAM- BRIDGE REPLACEMENT, T-10-007, MONTEREY ROAD OVER HOP BROOK	Qualitative	No assumed impact/negligible impact on emissions	0	
608648	WILLIAMSTOWN- DECK PRESERVATION, W-37-015, ROUTE 2 OVER THE GREEN RIVER	Qualitative	No assumed impact/negligible impact on emissions	0	

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
2020	REGION: BERKSHIRE		Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	-18,003	
			Total GHG Difference (kg/year)	-18,003	
<b>BOSTON</b>					
602077	LYNN- RECONSTRUCTION ON ROUTE 129 (LYNNFIELD STREET), FROM GREAT WOODS ROAD TO WYOMA SQUARE	Quantified	Quantified Decrease in Emissions from Complete Streets Project	0	
602077	LYNN- RECONSTRUCTION ON ROUTE 129 (LYNNFIELD STREET), FROM GREAT WOODS ROAD TO WYOMA SQUARE	Quantified	Quantified Decrease in Emissions from Complete Streets Project	12,761	
602261	WALPOLE- RECONSTRUCTION ON ROUTE 1A (MAIN STREET), FROM THE NORWOOD T.L. TO ROUTE 27, INCLUDES W-03-024 OVER THE NEPONSET RIVER	Quantified	Quantified Decrease in Emissions from Complete Streets Project	230,473	
602261	WALPOLE- RECONSTRUCTION ON ROUTE 1A (MAIN STREET), FROM THE NORWOOD T.L. TO ROUTE 27, INCLUDES W-03-024 OVER THE NEPONSET RIVER	Quantified	Quantified Decrease in Emissions from Complete Streets Project	0	
602261	WALPOLE- RECONSTRUCTION ON ROUTE 1A (MAIN STREET), FROM THE NORWOOD T.L. TO ROUTE 27, INCLUDES W-03-024 OVER THE NEPONSET RIVER	Quantified	Quantified Decrease in Emissions from Complete Streets Project	0	
604123	ASHLAND- RECONSTRUCTION ON ROUTE 126 (POND STREET), FROM THE FRAMINGHAM T.L. TO THE HOLLISTON T.L.	Quantified	Quantified Decrease in Emissions from Complete Streets Project	0	
604123	ASHLAND- RECONSTRUCTION ON ROUTE 126 (POND STREET), FROM THE FRAMINGHAM T.L. TO THE HOLLISTON T.L.	Quantified	Quantified Decrease in Emissions from Complete Streets Project	148,097	
604123	ASHLAND- RECONSTRUCTION ON ROUTE 126 (POND STREET), FROM THE FRAMINGHAM T.L. TO THE HOLLISTON T.L.	Quantified	Quantified Decrease in Emissions from Complete Streets Project	0	
604173	BOSTON- BRIDGE REPLACEMENT B-16-016, NORTH WASHINGTON STREET OVER THE BOSTON INNER HARBOR	Qualitative	Qualitative Decrease in Emissions	0	
606453	BOSTON- IMPROVEMENTS ON BOYLSTON STREET, FROM INTERSECTION OF BROOKLINE AVENUE & PARK DRIVE TO IPSWICH STREET	Quantified	Quantified Decrease in Emissions from Complete Streets Project	0	
606453	BOSTON- IMPROVEMENTS ON BOYLSTON STREET, FROM INTERSECTION OF BROOKLINE AVENUE & PARK DRIVE TO IPSWICH STREET	Quantified	Quantified Decrease in Emissions from Complete Streets Project	1,920,790	
606453	BOSTON- IMPROVEMENTS ON BOYLSTON STREET, FROM INTERSECTION OF BROOKLINE AVENUE & PARK DRIVE TO IPSWICH STREET	Quantified	Quantified Decrease in Emissions from Complete Streets Project	0	
606635	NEEDHAM- NEWTON- RECONSTRUCTION OF HIGHLAND AVENUE, NEEDHAM STREET & CHARLES RIVER BRIDGE, N-04-002, FROM WEBSTER STREET (NEEDHAM) TO ROUTE 9 (NEWTON)	Quantified	Quantified Decrease in Emissions from Complete Streets Project	0	Emission reductions reported in 2019
606635	NEEDHAM- NEWTON- RECONSTRUCTION OF HIGHLAND AVENUE, NEEDHAM STREET & CHARLES RIVER BRIDGE, N-04-002, FROM WEBSTER STREET (NEEDHAM) TO ROUTE 9 (NEWTON)	Quantified	Quantified Decrease in Emissions from Complete Streets Project	0	
608208	QUINCY- MILTON- BOSTON- INTERSTATE MAINTENANCE & RELATED WORK ON I-93	Qualitative	Qualitative Decrease in Emissions	0	

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
608480	FOXBOROUGH- WALPOLE- RESURFACING AND RELATED WORK ON ROUTE 1	Qualitative	Qualitative Decrease in Emissions	0	
608482	CAMBRIDGE- SOMERVILLE- RESURFACING AND RELATED WORK ON ROUTE 28	Qualitative	Qualitative Decrease in Emissions	0	
608484	CANTON- MILTON- RESURFACING AND RELATED WORK ON ROUTE 138	Qualitative	Qualitative Decrease in Emissions	0	
608562	SOMERVILLE- SIGNAL AND INTERSECTION IMPROVEMENT ON I-93 AT MYSTIC AVENUE AND MCGRATH HIGHWAY (TOP 200 CRASH LOCATION)	Qualitative	Qualitative Decrease in Emissions	0	
608564	WATERTOWN- INTERSECTION IMPROVEMENTS AT ROUTE 16 AND GALEN STREET	Qualitative	Qualitative Decrease in Emissions	0	
608743	SALEM- IMPROVEMENTS AT BATES ELEMENTARY SCHOOL (SRTS)	Qualitative	Qualitative Decrease in Emissions	0	
608791	WINCHESTER- IMPROVEMENTS AT VINSON-OWEN ELEMENTARY SCHOOL (SRTS)	Qualitative	Qualitative Decrease in Emissions	0	
608829	STOUGHTON - IMPROVEMENTS AT WEST ELEMENTARY SCHOOL (SRTS)	Qualitative	Qualitative Decrease in Emissions	0	
608835	MEDFORD- IMPROVEMENTS AT BROOKS ELEMENTARY SCHOOL (SRTS)	Qualitative	Qualitative Decrease in Emissions	0	
2020	REGION: BOSTON		Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	-2,312,121	
			Total GHG Difference (kg/year)	-2,312,121	
CAPE COD					
606900	BOURNE- TRAFFIC AND MULTI-MODAL IMPROVEMENTS @ BELMONT CIRCLE AT ROUTES 6/25/28	Qualitative	Qualitative Decrease in Emissions	0	Assumed Nominal Decrease in Emissions from Sidewalk and Bicycle Infrastructure
606900	BOURNE- TRAFFIC AND MULTI-MODAL IMPROVEMENTS @ BELMONT CIRCLE AT ROUTES 6/25/28	Qualitative	Qualitative Decrease in Emissions	0	Assumed Nominal Decrease in Emissions from Sidewalk and Bicycle Infrastructure
607319	MASHPEE- CORRIDOR IMPROVEMENTS & RELATED WORK ON NATHAN ELLIS HIGHWAY (ROUTE 151), FROM MASHPEE ROTARY TO FALMOUTH T.L.	Qualitative	Qualitative Decrease in Emissions	0	Assumed Nominal Decrease in Emissions from Sidewalk and Bicycle Infrastructure
607397	WELLFLEET- INTERSECTION IMPROVEMENTS & RELATED WORK AT ROUTE 6 & MAIN STREET	Qualitative	Qualitative Decrease in Emissions	0	Assumed Nominal Decrease in Emissions from Sidewalk and Bicycle Infrastructure
607397	WELLFLEET- INTERSECTION IMPROVEMENTS & RELATED WORK AT ROUTE 6 & MAIN STREET	Qualitative	Qualitative Decrease in Emissions	0	Assumed Nominal Decrease in Emissions from Sidewalk and Bicycle Infrastructure
607397	WELLFLEET- INTERSECTION IMPROVEMENTS & RELATED WORK AT ROUTE 6 & MAIN STREET	Qualitative	Qualitative Decrease in Emissions	0	Assumed Nominal Decrease in Emissions from Sidewalk and Bicycle Infrastructure
608598	ORLEANS- STORMWATER IMPROVEMENTS ALONG ROUTE 28	0	No assumed impact/negligible impact on emissions	0	



MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
CC2000	CAPE COD - BICYCLE RACK PROGRAM	Quantified	Quantified Decrease in Emissions from Other Improvements	1,000,967	GHG reduction rate based on SRPEDD analysis for comparable program
2020	REGION: CAPE COD		Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	-1,000,967	
			Total GHG Difference (kg/year)	-1,000,967	
CENTRAL MASSACHUSETTS					
602659	CHARLTON- OXFORD- RECONSTRUCTION ON ROUTE 20, FROM RICHARDSON'S CORNER EASTERLY TO ROUTE 12, INCLUDES REHAB OF C-06-023 & REPLACEMENT OF O-06-002	Qualitative	Qualitative Decrease in Emissions	0	Quantitative estimate TBD
602659	CHARLTON- OXFORD- RECONSTRUCTION ON ROUTE 20, FROM RICHARDSON'S CORNER EASTERLY TO ROUTE 12, INCLUDES REHAB OF C-06-023 & REPLACEMENT OF O-06-002	Qualitative	Qualitative Decrease in Emissions	0	Quantitative estimate TBD
602659	CHARLTON- OXFORD- RECONSTRUCTION ON ROUTE 20, FROM RICHARDSON'S CORNER EASTERLY TO ROUTE 12, INCLUDES REHAB OF C-06-023 & REPLACEMENT OF O-06-002	Qualitative	Qualitative Decrease in Emissions	0	Quantitative Estimate TBD
602659	CHARLTON- OXFORD- RECONSTRUCTION ON ROUTE 20, FROM RICHARDSON'S CORNER EASTERLY TO ROUTE 12, INCLUDES REHAB OF C-06-023 & REPLACEMENT OF O-06-002	Qualitative	Qualitative Decrease in Emissions	0	Quantitative estimate TBD
605377	MILLBURY- RECONSTRUCTION ON MCCracken ROAD & GREENWOOD STREET, INCLUDES REHAB OF M-22-058, MCCracken ROAD OVER ACCESS ROAD	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	6,925	
608057	WORCESTER- STORMWATER IMPROVEMENTS ALONG I-290 AND 122A	Qualitative	No assumed impact/negligible impact on emissions	0	
608573	UXBRIDGE TO WORCESTER- GUIDE AND TRAFFIC SIGN REPLACEMENT ON A SECTION OF ROUTE 146	Qualitative	Qualitative Decrease in Emissions	0	
608589	WORCESTER- CLEAN AND PAINT STRUCTURAL STEEL ON W-44-082	Qualitative	No assumed impact/negligible impact on emissions	0	
608633	WEST BROOKFIELD- BRIDGE REPLACEMENT, W-19-009, FOSTER HILL ROAD OVER COYS BROOK	Qualitative	No assumed impact/negligible impact on emissions	0	
608638	DOUGLAS- BRIDGE RECONSTRUCTION/REHABILITATION, D-09-004, CARRYING MANCHAUG STREEET OVER THE MUMFORD RIVER	Qualitative	No assumed impact/negligible impact on emissions	0	
608640	SUTTON- BRIDGE RECONSTRUCTION/REHABILITATION, S-33-004, CARRYING DEPOT STREET OVER THE BLACKSTONE RIVER	Qualitative	No assumed impact/negligible impact on emissions	0	
608764	UPTON - RECONSTRUCTION OF HARTFORD AVENUE NORTH AND HIGH STREET (PHASE II)	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	832	
2020	REGION: CENTRAL MASSACHUSETTS		Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	-7,757	
			Total GHG Difference (kg/year)	-7,757	

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
<b>FRANKLIN</b>					
604189	BERNARDSTON- BRIDGE REPLACEMENT, B-10-004, U.S. ROUTE 5 (BRATTLEBORO ROAD) OVER SHATTUCK BROOK	Qualitative	No assumed impact/negligible impact on emissions	0	
606011	DEERFIELD- WHATELY- RESURFACING & RELATED WORK ON ROUTES 5 & 10, FROM OLD STATE ROAD TO CONWAY ROAD (1.1 MILES)	Quantified	Quantified Decrease in Emissions from Complete Streets Project	474	
606309	ORANGE- BRIDGE REPLACEMENT, O-03-021, ROUTE 2 OVER ROUTE 202	Qualitative	No assumed impact/negligible impact on emissions	0	
607245	SUNDERLAND- RESURFACING & RELATED WORK ON A SECTION OF NORTH MAIN STREET (ROUTE 47), FROM ROUTE 116 TO CLAYBROOK DRIVE	Qualitative	Qualitative Decrease in Emissions	0	Project will be quantified when more information is available.
607538	COLRAIN- INTERSECTION IMPROVEMENTS @ MAIN ROAD, JACKSONVILLE ROAD (ROUTE 112) & GREENFIELD ROAD	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	1,982	
608643	CHARLEMONT- BRIDGE REPLACEMENT, C-05-037, WEST OXBOW ROAD OVER WILDER BROOK	Qualitative	No assumed impact/negligible impact on emissions	0	
608644	CHARLEMONT- BRIDGE REPLACEMENT, C-05-008, TOWER ROAD OVER CHICKLEY RIVER	Qualitative	No assumed impact/negligible impact on emissions	0	
2020	REGION: FRANKLIN		Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	-2,456	
			Total GHG Difference (kg/year)	-2,456	
<b>MARTHA'S VINEYARD</b>					
607411	TISBURY- BIKE & PEDESTRIAN IMPROVEMENTS ALONG BEACH ROAD, FROM THE TERMINATION OF THE EXISTING SHARED USE PATH WESTERLY TO THE FIVE CORNERS INTERSECTION	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	2,847	Construction / Total Project Cost = \$4,388,393 (2019 \$4,563,929 including 4% inflation) \$3,179,390 Statewide CMAQ and \$1,384,538 of Martha's Vineyard regional funding / AC YR 2 of 2 / PSAC Score 33.5
2020	REGION: MARTHA S VINEYARD		Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	-2,847	
			Total GHG Difference (kg/year)	-2,847	
<b>MERRIMACK VALLEY</b>					
602418	AMESBURY- RECONSTRUCTION OF ELM STREET	Quantified	Quantified Decrease in Emissions from Complete Streets Project	1,335	Emissions Reduction = 1,335 kg / yr
605306	HAVERHILL- BRIDGE REPLACEMENT, H-12-039, I-495 (NB & SB) OVER MERRIMACK RIVER	Qualitative	No assumed impact/negligible impact on emissions	0	
607541	GEORGETOWN- BOXFORD- BORDER TO BOSTON TRAIL, FROM GEORGETOWN ROAD TO WEST MAIN STREET (ROUTE 97)	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	2,667	Emissions Reduction = 2,667 kg / yr

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
608027	HAVERHILL- BRADFORD RAIL TRAIL EXTENSION, FROM ROUTE 125 TO RAILROAD STREET	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	422	Emissions Reduction = 442 kg / yr
608027	HAVERHILL- BRADFORD RAIL TRAIL EXTENSION, FROM ROUTE 125 TO RAILROAD STREET	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	0	Emissions Reduction = 442 kg / yr shown in CMAQ Listing
2020	REGION: MERRIMACK VALLEY		Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	-4,424	
			Total GHG Difference (kg/year)	-4,424	
<b>MONTACHUSETT</b>					
601957	ASHBURNHAM- RESURFACING & RELATED WORK ON ROUTE 101	Qualitative	No assumed impact/negligible impact on emissions	0	
607431	WESTMINSTER- RESURFACING & RELATED WORK ON ROUTE 140, FROM ROUTE 2A TO PATRICIA ROAD	Qualitative	No assumed impact/negligible impact on emissions	0	Road surface improvement
608548	WINCHENDON- IMPROVEMENTS & RELATED WORK ON CENTRAL STREET (ROUTE 202), FROM FRONT STREET TO MAPLE STREET (0.5 MILES)	Qualitative	No assumed impact/negligible impact on emissions	0	As Intersection Improvements Defined, May Result in Small Emissions Impact
608561	LEOMINSTER- IMPROVEMENTS AT ROUTE 12 (NORTH MAIN STREET) AT HAMILTON STREET; ROUTE 12 (NORTH MAIN STREET) AT NELSON STREET	Qualitative	No assumed impact/negligible impact on emissions	0	
608639	WESTMINSTER- BRIDGE REPLACEMENT, W-28-010, CARRYING WHITMANVILLE ROAD OVER THE WHITMAN RIVER	Qualitative	No assumed impact/negligible impact on emissions	0	
2020	REGION: MONTACHUSETT		Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	0	
			Total GHG Difference (kg/year)	0	
<b>NORTHERN MIDDLESEX</b>					
604694	LOWELL- CONNECTOR RECONSTRUCTION, FROM THORNDIKE STREET TO GORHAM STREET	Qualitative	Qualitative Decrease in Emissions	0	
605966	LOWELL- RECONSTRUCTION & RELATED WORK ON VFW HIGHWAY	Qualitative	Qualitative Decrease in Emissions	0	
605966	LOWELL- RECONSTRUCTION & RELATED WORK ON VFW HIGHWAY	Qualitative	Qualitative Decrease in Emissions	0	
607401	CHELMSFORD- TRAFFIC SIGNAL INSTALLATION AT ROUTE 110 & ROUTE 495 (2 LOCATIONS)	Qualitative	Qualitative Decrease in Emissions	0	
607885	LOWELL- PEDESTRIAN WALKWAY & BICYCLE CONNECTION AT PAWTUCKET FALLS OVERLOOK, FROM VANDENBERG ESPLANADE TO SCHOOL STREET	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	104,817	

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
2020	REGION: NORTHERN MIDDLESEX		Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	-104,817	
			Total GHG Difference (kg/year)	-104,817	
OLD COLONY					
607217	EASTON- CORRIDOR IMPROVEMENTS ON DEPOT STREET (ROUTE 123), FROM NEWELL CIRCLE TO WASHINGTON STREET (ROUTE 138)	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	132,863	
2020	REGION: OLD COLONY		Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	-132,863	
			Total GHG Difference (kg/year)	-132,863	
PIONEER VALLEY					
400103	WESTFIELD- BRIDGE REPLACEMENT, W-25-006, ROUTE 10/202 (SOUTHWICK ROAD) OVER THE LITTLE RIVER	Qualitative	No assumed impact/negligible impact on emissions	0	
602911	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	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	73,253	
604434	CHICOPEE- RECONSTRUCTION & RELATED WORK ON FULLER ROAD, FROM MEMORIAL DR (RTE 33) TO SHAWINIGAN DR (2.0 MILES)	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	205,299	
605032	HADLEY- RECONSTRUCTION ON ROUTE 9, FROM MIDDLE STREET TO MAPLE/SOUTH MAPLE STREET	Qualitative	Qualitative Decrease in Emissions	0	To be Quantified
606450	HOLYOKE- TRAFFIC SIGNAL UPGRADES AT 15 INTERSECTIONS ALONG HIGH & MAPLE STREETS	Qualitative	Qualitative Decrease in Emissions	0	To be Quantified
607773	WESTFIELD- IMPROVEMENTS & RELATED WORK ON ROUTE 20, COURT STEET & WESTERN AVENUE, LLOYDS HILL ROAD TO HIGH STREET/MILL STREET INTERSECTION (PHASE II)	Quantified	Quantified Decrease in Emissions from Complete Streets Project	1,290	
608460	HADLEY- BRIDGE REPLACEMENT, H-01-005, BAY ROAD (ROUTE 47) OVER THE FORT RIVER	Qualitative	No assumed impact/negligible impact on emissions	0	
608473	SOUTH HADLEY- RESURFACING AND RELATED WORK ON ROUTE 116	Qualitative	No assumed impact/negligible impact on emissions	0	
608560	SPRINGFIELD- IMPROVEMENTS ON ST .JAMES AVENUE AT ST JAMES BOULEVARD AND CAREW STREET AT TAPLEY STREET	Qualitative	Qualitative Decrease in Emissions	0	To be Quantified
608575	CHICOPEE TO HOLYOKE- GUIDE AND TRAFFIC SIGN REPLACEMENT ON I-391	Qualitative	No assumed impact/negligible impact on emissions	0	
608631	WESTHAMPTON- BRIDGE REPLACEMENT, W-27-005, KINGS HIGHWAY OVER N BRANCH MANHAN RIVER	Qualitative	No assumed impact/negligible impact on emissions	0	
608718	SPRINGFIELD- INTERSECTION IMPROVEMENTS AT BERKSHIRE AVENUE, COTTAGE AND HARVEY STREETS	Qualitative	Qualitative Decrease in Emissions	0	To be Quantified

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
608782	SPRINGFIELD- INTERSECTION IMPROVEMENTS AT COTTAGE STREET, INDUSTRY AVENUE AND ROBBINS ROAD	Qualitative	Qualitative Decrease in Emissions	0	To be Quantified
2020	REGION: PIONEER VALLEY		Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	-279,842	
			Total GHG Difference (kg/year)	-279,842	
SOUTHEASTERN MASSACHUSETTS					
606715	LAKEVILLE- RECONSTRUCTION AND RELATED WORK ON RHODE ISLAND ROAD (ROUTE 79), FROM THE TAUNTON CITY LINE TO CLEAR POND ROAD	Qualitative	No assumed impact/negligible impact on emissions	0	
606718	NEW BEDFORD- INTERSECTION IMPROVEMENTS AT HATHAWAY ROAD, MOUNT PLEASANT STREET AND NAUSET STREET	Qualitative	Qualitative Decrease in Emissions	0	Insufficient Information at present time to complete analysis
607339	ATTLEBORO - INTERSECTION IMPROVEMENTS AT ROUTE 1 (WASHINGTON STREET)/ROUTE 1A (NEWPORT AVENUE) AND ROUTE 123 (HIGHLAND AVENUE)	Qualitative	Qualitative Decrease in Emissions	0	Insufficient Information at present time to complete analysis
607339	ATTLEBORO - INTERSECTION IMPROVEMENTS AT ROUTE 1 (WASHINGTON STREET)/ROUTE 1A (NEWPORT AVENUE) AND ROUTE 123 (HIGHLAND AVENUE)	Qualitative	Qualitative Decrease in Emissions	0	Insufficient Information at present time to complete analysis
607339	ATTLEBORO - INTERSECTION IMPROVEMENTS AT ROUTE 1 (WASHINGTON STREET)/ROUTE 1A (NEWPORT AVENUE) AND ROUTE 123 (HIGHLAND AVENUE)	Qualitative	Qualitative Decrease in Emissions	0	Insufficient Information at present time to complete analysis
607572	TAUNTON- CORRIDOR IMPROVEMENTS & RELATED WORK ON BROADWAY (ROUTE 138), FROM LEONARD STREET NORTHERLY TO PURCHASE STREET (PHASE 1).	Qualitative	Qualitative Decrease in Emissions	0	Insufficient Information at present time to complete analysis
607572	TAUNTON- CORRIDOR IMPROVEMENTS & RELATED WORK ON BROADWAY (ROUTE 138), FROM LEONARD STREET NORTHERLY TO PURCHASE STREET (PHASE 1).	Qualitative	Qualitative Decrease in Emissions	0	Insufficient Information at present time to complete analysis
607979	MARION- SHARED USE PATH CONSTRUCTION (PHASE 1), FROM THE MARION-MATTAPOISETT T.L. TO POINT ROAD	0	No assumed impact/negligible impact on emissions	0	
608049	FALL RIVER- CORRIDOR IMPROVEMENTS ON ROUTE 79/DAVOL STREET	Qualitative	No assumed impact/negligible impact on emissions	0	
608479	ATTLEBORO- NORTH ATTLEBORO- RESURFACING AND RELATED WORK ON ROUTE 1	Qualitative	No assumed impact/negligible impact on emissions	0	
608563	SWANSEA- IMPROVEMENTS ON ROUTE 6 (GRAND ARMY OF THE REPUBLIC HIGHWAY) AT GARDNERS NECK ROAD	Qualitative	No assumed impact/negligible impact on emissions	0	
608572	DARTMOUTH TO RAYNHAM- GUIDE AND TRAFFIC SIGN REPLACEMENT ON SECTIONS OF I-195 AND I-495	Qualitative	No assumed impact/negligible impact on emissions	0	
608825	MIDDLEBOROUGH- PAVEMENT PRESERVATION AND RELATED WORK ON I-495	Qualitative	No assumed impact/negligible impact on emissions	0	

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
2020	REGION: SOUTHEASTERN MASSACHUSETTS		Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	0	
			Total GHG Difference (kg/year)	0	
STATEWIDE					
608203	MARLBORO- HUDSON- BERLIN- INTERSTATE MAINTENANCE & RELATED WORK ON I-495	Qualitative	No assumed impact/negligible impact on emissions	0	
608360	STATEWIDE INTELLIGENT TRANSPORTATION SYSTEMS, YEAR 2020	Qualitative	Qualitative Decrease in Emissions	0	
608469	BOURNE- PLYMOUTH- PAVEMENT PRESERVATION AND RELATED WORK ON ROUTE 3	Qualitative	Qualitative Decrease in Emissions	0	
608475	LANCASTER- HARVARD- LITTLETON- RESURFACING AND RELATED WORK ON ROUTE 2	Qualitative	Qualitative Decrease in Emissions	0	
608550	DISTRICT 2 - SYSTEMATIC MAINTENANCE AT VARIOUS LOCATIONS	Qualitative	No assumed impact/negligible impact on emissions	0	
608592	DISTRICT 5 - BRIDGE PAINTING ALONG THE I-95 CORRIDOR	Qualitative	No assumed impact/negligible impact on emissions	0	
BRI20	Bridge Inspection	Qualitative	No assumed impact/negligible impact on emissions	0	
BRI20	Bridge Inspection	Qualitative	No assumed impact/negligible impact on emissions	0	
2020	REGION: STATEWIDE		Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	0	
			Total GHG Difference (kg/year)	0	
2020			Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	-3,866,097	
			Total GHG Difference (kg/year)	-3,866,097	
BERKSHIRE					
605843	NORTH ADAMS- BRIDGE REPLACEMENT, N-14-016, ROUTE 2 OVER THE HOOSIC RIVER	Qualitative	No assumed impact/negligible impact on emissions	0	
606406	HINSDALE- PERU- RECONSTRUCTION OF SKYLINE TRAIL (MIDDLEFIELD ROAD)	Qualitative	Qualitative Decrease in Emissions	0	
608485	LANESBOROUGH- PITTSFIELD- RESURFACING AND RELATED WORK ON ROUTE 8 FROM MM 44.43 TO MM 47.77	Qualitative	Qualitative Decrease in Emissions	0	
608636	LENOX- BRIDGE REPLACEMENT, L-07-006, ROARING BROOK ROAD OVER ROARING BROOK	Qualitative	No assumed impact/negligible impact on emissions	0	
608647	SAVOY- BRIDGE REPLACEMENT, S-06-003, CENTER ROAD OVER CENTER BROOK	Qualitative	No assumed impact/negligible impact on emissions	0	

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
608854	PITTSFIELD - BRIDGE REPLACEMENT, P-10-034, MILL STREET OVER W. BR. HOUSATONIC RIVER	Qualitative	No assumed impact/negligible impact on emissions	0	
2021	REGION: BERKSHIRE		Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	0	
			Total GHG Difference (kg/year)	0	
<b>BOSTON</b>					
601607	HULL- RECONSTRUCTION OF ATLANTIC AVENUE AND RELATED WORK FROM NANTASKET AVENUE TO COHASSET TOWN LINE	Quantified	Quantified Decrease in Emissions from Complete Streets Project	6,586	
604173	BOSTON- BRIDGE REPLACEMENT B-16-016, NORTH WASHINGTON STREET OVER THE BOSTON INNER HARBOR	Qualitative	Qualitative Decrease in Emissions	0	
606130	NORWOOD- INTERSECTION IMPROVEMENTS @ ROUTE 1A & UPLAND ROAD/WASHINGTON STREET & PROSPECT STREET/FULTON STREET	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	72,964	
606130	NORWOOD- INTERSECTION IMPROVEMENTS @ ROUTE 1A & UPLAND ROAD/WASHINGTON STREET & PROSPECT STREET/FULTON STREET	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	0	
606501	HOLBROOK- RECONSTRUCTION OF UNION STREET (ROUTE 139), FROM LINFIELD STREET TO CENTRE STREET/WATER STREET	Quantified	Quantified Decrease in Emissions from Complete Streets Project	0	Emissions reductions reported above in Section 1A
606501	HOLBROOK- RECONSTRUCTION OF UNION STREET (ROUTE 139), FROM LINFIELD STREET TO CENTRE STREET/WATER STREET	Quantified	Quantified Decrease in Emissions from Complete Streets Project	4,097	
606501	HOLBROOK- RECONSTRUCTION OF UNION STREET (ROUTE 139), FROM LINFIELD STREET TO CENTRE STREET/WATER STREET	Quantified	Quantified Decrease in Emissions from Complete Streets Project	0	
607342	MILTON- INTERSECTION & SIGNAL IMPROVEMENTS @ ROUTE 28 (RANDOLPH AVENUE) & CHICKATAWBUT ROAD	Qualitative	Qualitative Decrease in Emissions	0	
607901	DEDHAM- PEDESTRIAN IMPROVEMENTS ALONG ELM STREET & RUSTCRAFT ROAD CORRIDORS	Quantified	Quantified Decrease in Emissions from Complete Streets Project	12,722	
608228	FRAMINGHAM- RECONSTRUCTION OF UNION AVENUE, FROM PROCTOR STREET TO MAIN STREET	Quantified	Quantified Increase in Emissions	0	
608228	FRAMINGHAM- RECONSTRUCTION OF UNION AVENUE, FROM PROCTOR STREET TO MAIN STREET	Quantified	Quantified Increase in Emissions	0	
608228	FRAMINGHAM- RECONSTRUCTION OF UNION AVENUE, FROM PROCTOR STREET TO MAIN STREET	Quantified	Quantified Increase in Emissions	217,978	
608347	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	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	582,422	
608347	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	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	0	

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
608493	TOPSFIELD- RESURFACING AND RELATED WORK ON ROUTE 1	Qualitative	Qualitative Decrease in Emissions	0	
608495	CONCORD- LEXINGTON- LINCOLN- RESURFACING AND RELATED WORK ON ROUTE 2A	Qualitative	Qualitative Decrease in Emissions	0	
608498	HINGHAM- WEMOUTH- BRAINTREE- RESURFACING AND RELATED WORK ON ROUTE 53	Qualitative	Qualitative Decrease in Emissions	0	
608566	MARLBOROUGH- IMPROVEMENTS AT ROUTE 20 (EAST MAIN STREET) AT CURTIS AVENUE	Qualitative	Qualitative Decrease in Emissions	0	
608567	PEABODY- IMPROVEMENTS AT ROUTE 114 AT SYLVAN STREET, CROSS STREET, NORTHSHORE MALL, LORIS ROAD, ROUTE 128 INTERCHANGE AND ESQUIRE DRIVE	Qualitative	Qualitative Decrease in Emissions	0	
608569	QUINCY- INTERSECTION IMPROVEMENTS AT ROUTE 3A (SOUTHERN ARTERY) AND BROAD STREET	Qualitative	Qualitative Decrease in Emissions	0	
2021	REGION: BOSTON	Total GHG Increase (kg/year)		217,978	
		Total GHG Reduction (kg/year)		-678,791	
		Total GHG Difference (kg/year)		-460,813	
CAPE COD					
607319	MASHPEE- CORRIDOR IMPROVEMENTS & RELATED WORK ON NATHAN ELLIS HIGHWAY (ROUTE 151), FROM MASHPEE ROTARY TO FALMOUTH T.L.	Qualitative	Qualitative Decrease in Emissions	0	Assumed Nominal Decrease in Emissions from Sidewalk and Bicycle Infrastructure
607319	MASHPEE- CORRIDOR IMPROVEMENTS & RELATED WORK ON NATHAN ELLIS HIGHWAY (ROUTE 151), FROM MASHPEE ROTARY TO FALMOUTH T.L.	Qualitative	Qualitative Decrease in Emissions	0	Assumed Nominal Decrease in Emissions from Sidewalk and Bicycle Infrastructure
607319	MASHPEE- CORRIDOR IMPROVEMENTS & RELATED WORK ON NATHAN ELLIS HIGHWAY (ROUTE 151), FROM MASHPEE ROTARY TO FALMOUTH T.L.	Qualitative	Qualitative Decrease in Emissions	0	Assumed Nominal Decrease in Emissions from Sidewalk and Bicycle Infrastructure
607319	MASHPEE- CORRIDOR IMPROVEMENTS & RELATED WORK ON NATHAN ELLIS HIGHWAY (ROUTE 151), FROM MASHPEE ROTARY TO FALMOUTH T.L.	Qualitative	Qualitative Decrease in Emissions	0	Assumed Nominal Decrease in Emissions from Sidewalk and Bicycle Infrastructure
607405	CHATHAM- INTERSECTION IMPROVEMENTS & RELATED WORK AT MAIN STREET (ROUTE 28), DEPOT ROAD, QUEEN ANNE ROAD AND CROWELL ROAD	Qualitative	Qualitative Decrease in Emissions	0	Assumed Nominal Decrease in Emissions from Sidewalk and Bicycle Infrastructure
608568	YARMOUTH- IMPROVEMENTS AT MAIN STREET (ROUTE 28) AT NORTH MAIN STREET AT OLD MAIN STREET	Qualitative	Qualitative Decrease in Emissions	0	Assumed Nominal Decrease in Emissions from Sidewalk and Bicycle Infrastructure
608617	HARWICH- BRIDGE REPLACEMENT, H-10-019, AZALEA DRIVE OVER HERRING RIVER	0	No assumed impact/negligible impact on emissions	0	
CC2000	CAPE COD - BICYCLE RACK PROGRAM	Quantified	Quantified Decrease in Emissions from Other Improvements	1,000,967	GHG reduction rate based on SRPEDD analysis for comparable program



MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
2021	REGION: CAPE COD		Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	-1,000,967	
			Total GHG Difference (kg/year)	-1,000,967	
<b>CENTRAL MASSACHUSETTS</b>					
602659	CHARLTON- OXFORD- RECONSTRUCTION ON ROUTE 20, FROM RICHARDSON'S CORNER EASTERLY TO ROUTE 12, INCLUDES REHAB OF C-06-023 & REPLACEMENT OF O-06-002	Qualitative	Qualitative Decrease in Emissions	0	Quantitative estimates TBD
602659	CHARLTON- OXFORD- RECONSTRUCTION ON ROUTE 20, FROM RICHARDSON'S CORNER EASTERLY TO ROUTE 12, INCLUDES REHAB OF C-06-023 & REPLACEMENT OF O-06-002	Qualitative	Qualitative Decrease in Emissions	0	Quantitative estimates TBD
602659	CHARLTON- OXFORD- RECONSTRUCTION ON ROUTE 20, FROM RICHARDSON'S CORNER EASTERLY TO ROUTE 12, INCLUDES REHAB OF C-06-023 & REPLACEMENT OF O-06-002	Qualitative	Qualitative Decrease in Emissions	0	Quantified Estimate TBD
605035	NEW BRAintree- RECONSTRUCTION & IMPROVEMENTS ON RAVINE ROAD AND HARDWICK ROAD FROM HARDWICK T.L. TO ROUTE 67 (BARRE RD) (2.6 MILES)	Qualitative	No assumed impact/negligible impact on emissions	0	
607733	AUBURN- REHABILITATION OF AUBURN STREET, FROM WALSH AVENUE TO MILLBURY STREET	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	75	
607733	AUBURN- REHABILITATION OF AUBURN STREET, FROM WALSH AVENUE TO MILLBURY STREET	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	0	GHG numbers calculated above
607903	GRAFTON- RECLAMATION ON ROUTE 122A (MAIN STREET), FROM PROVIDENCE ROAD TO SUTTON T.L.	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	2,200	
608490	UPTON- GRAFTON- RESURFACING AND RELATED WORK ON ROUTE 140	Qualitative	Qualitative Decrease in Emissions	0	
608491	UXBRIDGE- MENDON- RESURFACING AND RELATED WORK ON ROUTE 16	Qualitative	Qualitative Decrease in Emissions	0	
2021	REGION: CENTRAL MASSACHUSETTS		Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	-2,275	
			Total GHG Difference (kg/year)	-2,275	
<b>FRANKLIN</b>					
606463	BUCKLAND- RECONSTRUCTION & MINOR WIDENING ON CONWAY STREET, SOUTH STREET & CONWAY ROAD	Qualitative	No assumed impact/negligible impact on emissions	0	Project will be quantified when more information is available
606548	GREENFIELD- BRIDGE REPLACEMENT, G-12-052 (0XR) & G-12-053 (0XT), I-91 (NB & SB) OVER BMRR	Qualitative	No assumed impact/negligible impact on emissions	0	
608634	DEERFIELD- BRIDGE PRESERVATION D-06-001, UPPER ROAD OVER DEERFIELD RIVER	Qualitative	No assumed impact/negligible impact on emissions	0	

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
2021	REGION: FRANKLIN		Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	0	
			Total GHG Difference (kg/year)	0	
<b>MARTHA'S VINEYARD</b>					
608142	OAK BLUFFS- CONSTRUCTION OF A SHARED USE PATH ALONG BEACH ROAD, FROM THE LAGOON POND BRIDGE NORTHERLY TO THE EASTVILLE AVENUE/COUNTY ROAD INTERSECTION	0	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	0	Construction / Total Project Cost = \$2,240,448 w/ \$1,448,906 from Martha's Vineyard regional funding / AC YR 1 of 2 / PSAC Score 29.5; GHG Quantified Decrease reported in 2022.
608142	OAK BLUFFS- CONSTRUCTION OF A SHARED USE PATH ALONG BEACH ROAD, FROM THE LAGOON POND BRIDGE NORTHERLY TO THE EASTVILLE AVENUE/COUNTY ROAD INTERSECTION	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	0	Construction / Total Project Cost = \$2,240,448 w/ \$1,448,906 from Martha's Vineyard regional funding / AC YR 1 of 2 / PSAC Score 29.5; GHG Quantified Decrease reported in 2022.
2021	REGION: MARTHA S VINEYARD		Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	0	
			Total GHG Difference (kg/year)	0	
<b>MERRIMACK VALLEY</b>					
605306	HAVERHILL- BRIDGE REPLACEMENT, H-12-039, I-495 (NB & SB) OVER MERRIMACK RIVER	Qualitative	No assumed impact/negligible impact on emissions	0	
605753	GROVELAND- RECONSTRUCTION ON ROUTE 97 (SCHOOL STREET) FROM PARKER STREET TO GARDNER STREET	Qualitative	No assumed impact/negligible impact on emissions	0	
607542	GEORGETOWN- NEWBURY- BORDER TO BOSTON TRAIL (NORTHERN GEORGETOWN TO BYFIELD SECTION)	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	15,682	Emissions Reduction = 15,682 kg / yr
608095	NORTH ANDOVER- CORRIDOR IMPROVEMENTS ON ROUTE 114, BETWEEN ROUTE 125 (ANDOVER STREET) & STOP & SHOP DRIVEWAY	Qualitative	Qualitative Decrease in Emissions	0	Not yet enough information to generate an estimate.
608095	NORTH ANDOVER- CORRIDOR IMPROVEMENTS ON ROUTE 114, BETWEEN ROUTE 125 (ANDOVER STREET) & STOP & SHOP DRIVEWAY	Qualitative	Qualitative Decrease in Emissions	0	Not yet enough information to generate an estimate.
608095	NORTH ANDOVER- CORRIDOR IMPROVEMENTS ON ROUTE 114, BETWEEN ROUTE 125 (ANDOVER STREET) & STOP & SHOP DRIVEWAY	Qualitative	Qualitative Decrease in Emissions	0	Not yet enough information to generate an estimate.
608095	NORTH ANDOVER- CORRIDOR IMPROVEMENTS ON ROUTE 114, BETWEEN ROUTE 125 (ANDOVER STREET) & STOP & SHOP DRIVEWAY	Qualitative	Qualitative Decrease in Emissions	0	Not yet enough information to generate an estimate.
608494	NEWBURY- NEWBURYPORT- SALISBURY- RESURFACING AND RELATED WORK ON ROUTE 1	Qualitative	No assumed impact/negligible impact on emissions	0	

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
2021	REGION: MERRIMACK VALLEY		Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	-15,682	
			Total GHG Difference (kg/year)	-15,682	
<b>MONTACHUSETT</b>					
604499	LEOMINSTER- RECONSTRUCTION/ REHABILITATION ON ROUTE 12 (CENTRAL STREET), INCLUDING REHABILITATION OF L-08-022	Qualitative	No assumed impact/negligible impact on emissions	0	
604499	LEOMINSTER- RECONSTRUCTION/ REHABILITATION ON ROUTE 12 (CENTRAL STREET), INCLUDING REHABILITATION OF L-08-022	Qualitative	No assumed impact/negligible impact on emissions	0	
604499	LEOMINSTER- RECONSTRUCTION/ REHABILITATION ON ROUTE 12 (CENTRAL STREET), INCLUDING REHABILITATION OF L-08-022	Qualitative	No assumed impact/negligible impact on emissions	0	
604499	LEOMINSTER- RECONSTRUCTION/ REHABILITATION ON ROUTE 12 (CENTRAL STREET), INCLUDING REHABILITATION OF L-08-022	Qualitative	No assumed impact/negligible impact on emissions	0	
608189	FITCHBURG- BRIDGE REPLACEMENT, F-04-018, WATER STREET (ROUTE 12) OVER NORTH NASHUA RIVER	Qualitative	No assumed impact/negligible impact on emissions	0	
608635	SHIRLEY- BRIDGE REPLACEMENT, S-13-005, CARRYING LONGLEY ROAD OVER THE MUPUS BROOK	Qualitative	No assumed impact/negligible impact on emissions	0	
2021	REGION: MONTACHUSETT		Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	0	
			Total GHG Difference (kg/year)	0	
<b>NORTHERN MIDDLESEX</b>					
608297	TEWKSBURY- RESURFACING AND SIDEWALK RECONSTRUCTION ON ROUTE 38 BEGINNING AT COLONIAL DRIVE NORTH TO THE INTERSECTION OF OLD BOSTON ROAD APPROXIMATELY 1.5 MILES.	Qualitative	Qualitative Decrease in Emissions	0	
608297	TEWKSBURY- RESURFACING AND SIDEWALK RECONSTRUCTION ON ROUTE 38 BEGINNING AT COLONIAL DRIVE NORTH TO THE INTERSECTION OF OLD BOSTON ROAD APPROXIMATELY 1.5 MILES.	Qualitative	Qualitative Decrease in Emissions	0	
608344	CHELMSFORD- INTERSECTION IMPROVEMENTS AT ROUTE 129 AND RIVERNECK ROAD	Qualitative	Qualitative Decrease in Emissions	0	
608344	CHELMSFORD- INTERSECTION IMPROVEMENTS AT ROUTE 129 AND RIVERNECK ROAD	Qualitative	Qualitative Decrease in Emissions	0	Data not yet available to quantify decrease in emissions.
2021	REGION: NORTHERN MIDDLESEX		Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	0	
			Total GHG Difference (kg/year)	0	

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
<b>OLD COLONY</b>					
606143	BROCKTON- INTERSECTION IMPROVEMENTS @ CRESCENT STREET (ROUTE 27)/QUINCY STREET/MASSASOIT BOULEVARD	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	94,824	
607403	STOUGHTON- CORRIDOR IMPROVEMENTS ON ROUTE 138 FROM LINCOLN STREET TO CENTRAL STREET, INCLUDING INTERSECTION IMPROVEMENTS ROUTE 138 (WASHINGTON STREET) & CENTRAL STREET	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	11,779	
2021	REGION: OLD COLONY		Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	-106,603	
			Total GHG Difference (kg/year)	-106,603	
<b>PIONEER VALLEY</b>					
602912	CHICOPEE- CHICOPEE RIVER RIVERWALK MULTI-USE PATH CONSTRUCTION, FROM GRAPE STREET TO FRONT STREET (NEAR ELLERTON STREET) (1 MILE)	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	12,037	
605032	HADLEY- RECONSTRUCTION ON ROUTE 9, FROM MIDDLE STREET TO MAPLE/SOUTH MAPLE STREET	Qualitative	Qualitative Decrease in Emissions	0	To be Quantified
607502	NORTHAMPTON- INTERSECTION IMPROVEMENTS AT KING STREET, NORTH STREET & SUMMER STREET AND AT KING STREET & FINN STREET	Qualitative	Qualitative Decrease in Emissions	0	To be Quantified
608157	SPRINGFIELD- MCKNIGHT COMMUNITY TRAIL CONSTRUCTION, FROM ARMORY STREET TO HAYDEN AVENUE (1.5 MILES)	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	45,830	
608487	WESTFIELD- RESURFACING AND RELATED WORK ON ROUTE 10 AND 202	0	No assumed impact/negligible impact on emissions	0	
608489	WILBRAHAM- RESURFACING AND RELATED WORK ON ROUTE 20	0	No assumed impact/negligible impact on emissions	0	
608577	EASTHAMPTON- IMPROVEMENTS AND RELATED WORK ON UNION STREET (ROUTE 141) FROM PAYSON AVENUE TO HIGH STREET (0.36 MILES)	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	226,787	
2021	REGION: PIONEER VALLEY		Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	-284,654	
			Total GHG Difference (kg/year)	-284,654	
<b>SOUTHEASTERN MASSACHUSETTS</b>					
603796	MANSFIELD- BRIDGE REPLACEMENT, M-03-003 & M-03-045, BALCOM STREET OVER THE WADING RIVER	Qualitative	No assumed impact/negligible impact on emissions	0	
606024	TAUNTON- RECONSTRUCTION OF ROUTE 44 (DEAN STREET), FROM ARLINGTON STREET TO ROUTE 104 (SOUTH MAIN STREET)	Qualitative	Qualitative Decrease in Emissions	0	Insufficient Information at present time to complete analysis
606024	TAUNTON- RECONSTRUCTION OF ROUTE 44 (DEAN STREET), FROM ARLINGTON STREET TO ROUTE 104 (SOUTH MAIN STREET)	Qualitative	Qualitative Decrease in Emissions	0	Insufficient Information at present time to complete analysis

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
606024	TAUNTON- RECONSTRUCTION OF ROUTE 44 (DEAN STREET), FROM ARLINGTON STREET TO ROUTE 104 (SOUTH MAIN STREET)	Qualitative	Qualitative Decrease in Emissions	0	Insufficient Information at present time to complete analysis
607440	MATTAPOISETT- CORRIDOR IMPROVEMENTS AND RELATED WORK ON MAIN STREET, WATER STREET, BEACON STREET AND MARION ROAD.	Qualitative	No assumed impact/negligible impact on emissions	0	
607440	MATTAPOISETT- CORRIDOR IMPROVEMENTS AND RELATED WORK ON MAIN STREET, WATER STREET, BEACON STREET AND MARION ROAD.	Qualitative	No assumed impact/negligible impact on emissions	0	
607822	NORTON- MANSFIELD- RAIL TRAIL EXTENSION (WORLD WAR II VETERANS TRAIL)	Qualitative	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	0	Insufficient Information at present time to complete analysis
608049	FALL RIVER- CORRIDOR IMPROVEMENTS ON ROUTE 79/DAVOL STREET	Qualitative	No assumed impact/negligible impact on emissions	0	
608267	RAYNHAM- RESURFACING AND RELATED WORK ON ROUTE 138	Qualitative	No assumed impact/negligible impact on emissions	0	
608481	SEEKONK- RESURFACING AND RELATED WORK ON ROUTE 44	Qualitative	No assumed impact/negligible impact on emissions	0	
608536	NEW BEDFORD- INTERSECTION IMPROVEMENTS AND RELATED WORK AT ROCKDALE AVENUE AND ALLEN STREET	Qualitative	Qualitative Decrease in Emissions	0	Insufficient Information at present time to complete analysis
608586	DARTMOUTH- CORRIDOR IMPROVEMENTS ON DARTMOUTH STREET AND PROSPECT STREET	Qualitative	No assumed impact/negligible impact on emissions	0	
608597	ATTLEBORO- STORMWATER IMPROVEMENTS ALONG INTERSTATE 95	Qualitative	No assumed impact/negligible impact on emissions	0	
608616	TAUNTON- BRIDGE REPLACEMENT, T-01-024, SCADDING STREET OVER SNAKE RIVER.	Qualitative	No assumed impact/negligible impact on emissions	0	
608618	REHOBOTH- BRIDGE REPLACEMENT, R-04-004, REED STREET OVER PALMER RIVER	Qualitative	No assumed impact/negligible impact on emissions	0	
608619	FALL RIVER- BRIDGE REPLACEMENT, F-02-019, WEAVER STREET OVER MASSACHUSETTS COASTAL RAILROAD	Qualitative	No assumed impact/negligible impact on emissions	0	
608827	NORTH ATTLEBOROUGH- ATTLEBORO- INTERSTATE MAINTENANCE AND RELATED WORK ON I-295	Qualitative	No assumed impact/negligible impact on emissions	0	
2021	REGION: SOUTHEASTERN MASSACHUSETTS		Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	0	
			Total GHG Difference (kg/year)	0	
STATEWIDE					
608378	DANVERS- TOPSFIELD- BOXFORD- ROWLEY- INTERSTATE MAINTENANCE AND RELATED WORK ON I-95	Qualitative	No assumed impact/negligible impact on emissions	0	
608551	DISTRICT2 - SYTEMATIC MAINTENANCE AT VARIOUS LOCATIONS	0	0	0	
608565	DISTRICT 2 - TOP 200 CRASH LOCATION SAFETY IMPROVEMENTS (2021)	Qualitative	No assumed impact/negligible impact on emissions	0	
608574	BURLINGTON TO TYNGSBOROUGH- GUIDE AND TRAFFIC SIGN REPLACEMENT ON A SECTION OF US 3	Qualitative	Qualitative Decrease in Emissions	0	
608584	STATEWIDE-VARIOUS SAFETY STRATEGIES TO ADDRESS SHSP - TO BE DETERMINED (2021)	Qualitative	No assumed impact/negligible impact on emissions	0	

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
608584	STATEWIDE-VARIOUS SAFETY STRATEGIES TO ADDRESS SHSP - TO BE DETERMINED (2021)	Qualitative	No assumed impact/negligible impact on emissions	0	
608590	CLEAN AND PAINT STRUCTURAL STEEL BRIDGES ON I-190 AND I-290	Quantified	No assumed impact/negligible impact on emissions	0	
608593	DISTRICT 5 - BRIDGE PAINTING ALONG THE I-195 CORRIDOR	Qualitative	No assumed impact/negligible impact on emissions	0	
608605	DISTRICT 4 - ADA RETROFITS AT VARIOUS LOCATIONS	Qualitative	No assumed impact/negligible impact on emissions	0	
608606	DISTRICT 5 - ADA RETROFITS AT VARIOUS LOCATIONS	Qualitative	No assumed impact/negligible impact on emissions	0	
608620	ANDOVER- TEWKSBURY- HIGHWAY LIGHTING SYSTEM REHABILITATION AND REPAIR AT THE INTERCHANGE OF INTERSTATE ROUTES 93 AND 495	Qualitative	No assumed impact/negligible impact on emissions	0	
608631	STATEWIDE INTELLIGENT TRANSPORTATION SYSTEMS, YEAR 2021	Qualitative	Qualitative Decrease in Emissions	0	
<b>2021 REGION: STATEWIDE</b>			<b>Total GHG Increase (kg/year)</b>	<b>0</b>	
			<b>Total GHG Reduction (kg/year)</b>	<b>0</b>	
			<b>Total GHG Difference (kg/year)</b>	<b>0</b>	
<b>2021</b>			<b>Total GHG Increase (kg/year)</b>	<b>217,978</b>	
			<b>Total GHG Reduction (kg/year)</b>	<b>-2,088,972</b>	
			<b>Total GHG Difference (kg/year)</b>	<b>-1,870,994</b>	
<b>BERKSHIRE</b>					
606890	ADAMS- NORTH ADAMS- ASHUWILLTICOOK RAIL TRAIL EXTENSION TO ROUTE 8A (HODGES CROSS ROAD)	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	0	
606890	ADAMS- NORTH ADAMS- ASHUWILLTICOOK RAIL TRAIL EXTENSION TO ROUTE 8A (HODGES CROSS ROAD)	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	23,423	
608767	EGREMONT- RECONSTRUCTION AND RELATED WORK ON ROUTE 23/41, FROM CREAMERY ROAD TO NORTH UNDERMOUNTAIN ROAD	Qualitative	Qualitative Decrease in Emissions	0	Not yet enough information to generate an estimate
608767	EGREMONT- RECONSTRUCTION AND RELATED WORK ON ROUTE 23/41, FROM CREAMERY ROAD TO NORTH UNDERMOUNTAIN ROAD	Qualitative	Qualitative Decrease in Emissions	0	
608768	PITTSFIELD- RESURFACING AND RELATED WORK ON MERRILL ROAD, FROM JUNCTION ROAD TO EAST STREET	Qualitative	Qualitative Decrease in Emissions	0	
608768	PITTSFIELD- RESURFACING AND RELATED WORK ON MERRILL ROAD, FROM JUNCTION ROAD TO EAST STREET	Qualitative	Qualitative Decrease in Emissions	0	
608812	FLORIDA- RESURFACING AND RELATED WORK ON ROUTE 2	Qualitative	Qualitative Decrease in Emissions	0	
608813	LANESBOROUGH- RESURFACING AND RELATED WORK ON ROUTE 7	Qualitative	Qualitative Decrease in Emissions	0	
608856	OTIS - BRIDGE REPLACEMENT, O-05-007, TANNERY ROAD OVER W. BR. FARMINGTON RIVER	Qualitative	No assumed impact/negligible impact on emissions	0	
608857	CHESHIRE - BRIDGE REPLACEMENT, C-10-002, SAND MILL ROAD OVER DRY BROOK	Qualitative	No assumed impact/negligible impact on emissions	0	

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
608859	TYRINGHAM - BRIDGE REPLACEMENT, T-10-003, JERUSALEM ROAD OVER HOP BROOK	Qualitative	No assumed impact/negligible impact on emissions	0	
608860	PITTSFIELD - BRIDGE REPLACEMENT, P-10-055, EAST NEW LENOX ROAD OVER SACKETT BROOK	Qualitative	No assumed impact/negligible impact on emissions	0	
2022	REGION: BERKSHIRE		Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	-23,423	
			Total GHG Difference (kg/year)	-23,423	
<b>BOSTON</b>					
605857	NORWOOD- INTERSECTION IMPROVEMENTS @ ROUTE 1 & UNIVERSITY AVENUE/EVERETT STREET	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	0	
605857	NORWOOD- INTERSECTION IMPROVEMENTS @ ROUTE 1 & UNIVERSITY AVENUE/EVERETT STREET	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	1,092,131	
605857	NORWOOD- INTERSECTION IMPROVEMENTS @ ROUTE 1 & UNIVERSITY AVENUE/EVERETT STREET	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	0	
607777	WATERTOWN- REHABILITATION OF MOUNT AUBURN STREET (ROUTE 16)	Quantified	Quantified Decrease in Emissions from Complete Streets Project	536,769	
607777	WATERTOWN- REHABILITATION OF MOUNT AUBURN STREET (ROUTE 16)	Quantified	Quantified Decrease in Emissions from Complete Streets Project	0	
607777	WATERTOWN- REHABILITATION OF MOUNT AUBURN STREET (ROUTE 16)	Quantified	Quantified Decrease in Emissions from Complete Streets Project	0	
608078	CHELSEA- RECONSTRUCTION ON BROADWAY (ROUTE 107), FROM CITY HALL AVENUE TO THE REVERE C.L.	Quantified	Quantified Decrease in Emissions from Complete Streets Project	0	
608078	CHELSEA- RECONSTRUCTION ON BROADWAY (ROUTE 107), FROM CITY HALL AVENUE TO THE REVERE C.L.	Quantified	Quantified Decrease in Emissions from Complete Streets Project	93,278	
608146	MARBLEHEAD- INTERSECTION IMPROVEMENTS AT PLEASANT STREET & VILLAGE, VINE AND CROSS STREETS	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	531	
608210	FOXBOROUGH- PLAINVILLE- WRENTHAM- FRANKLIN- INTERSTATE MAINTENANCE & RELATED WORK ON I-495	Qualitative	Qualitative Decrease in Emissions	0	
608229	ACTON- INTERSECTION & SIGNAL IMPROVEMENTS AT KELLEY'S CORNER, ROUTE 111 (MASSACHUSETTS AVENUE) AND ROUTE 27 (MAIN STREET)	Quantified	Quantified Decrease in Emissions from Complete Streets Project	111,958	
608229	ACTON- INTERSECTION & SIGNAL IMPROVEMENTS AT KELLEY'S CORNER, ROUTE 111 (MASSACHUSETTS AVENUE) AND ROUTE 27 (MAIN STREET)	Quantified	Quantified Decrease in Emissions from Complete Streets Project	0	
608229	ACTON- INTERSECTION & SIGNAL IMPROVEMENTS AT KELLEY'S CORNER, ROUTE 111 (MASSACHUSETTS AVENUE) AND ROUTE 27 (MAIN STREET)	Quantified	Quantified Decrease in Emissions from Complete Streets Project	0	
608817	SALEM- LYNN- RESURFACING AND RELATED WORK ON ROUTE 107	Qualitative	Qualitative Decrease in Emissions	0	
608818	DANVERS- RESURFACING AND RELATED WORK ON ROUTE 114	Qualitative	Qualitative Decrease in Emissions	0	

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
2022	REGION: BOSTON		Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	-1,834,667	
			Total GHG Difference (kg/year)	-1,834,667	
CAPE COD					
607398	YARMOUTH- BARNSTABLE- CAPE COD RAIL TRAIL EXTENSION, INCLUDES NEW BRIDGE OVER WILLOW STREET & RAILROAD (PHASE III)	Qualitative	Qualitative Decrease in Emissions	0	Assumed Nominal Decrease in Emissions from Bicycle Infrastructure
607444	FALMOUTH- INTERSECTION IMPROVEMENTS & RELATED WORK AT NORTH FALMOUTH HIGHWAY (ROUTE 28A),NATHAN ELLIS HIGHWAY (ROUTE 151) AND COUNTY ROAD	Qualitative	Qualitative Decrease in Emissions	0	Assumed Nominal Decrease in Emissions from Sidewalk and Bicycle Infrastructure
607444	FALMOUTH- INTERSECTION IMPROVEMENTS & RELATED WORK AT NORTH FALMOUTH HIGHWAY (ROUTE 28A),NATHAN ELLIS HIGHWAY (ROUTE 151) AND COUNTY ROAD	Qualitative	Qualitative Decrease in Emissions	0	Assumed Nominal Decrease in Emissions from Sidewalk and Bicycle Infrastructure
607444	FALMOUTH- INTERSECTION IMPROVEMENTS & RELATED WORK AT NORTH FALMOUTH HIGHWAY (ROUTE 28A),NATHAN ELLIS HIGHWAY (ROUTE 151) AND COUNTY ROAD	Qualitative	Qualitative Decrease in Emissions	0	Assumed Nominal Decrease in Emissions from Sidewalk and Bicycle Infrastructure
608422	SANDWICH- CONSTRUCTION OF SHARED USE PATH ALONG SERVICE ROAD FROM ROUTE 130 TO CHASE ROAD	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	795	
608666	ORLEANS- INTERSECTION IMPROVEMENTS AT ROUTE 28 (SOUTH ORLEANS ROAD), ROUTE 39 (HARWICH ROAD) AND QUANSET ROAD	Qualitative	Qualitative Decrease in Emissions	0	Assumed Nominal Decrease in Emissions from Sidewalk and Bicycle Infrastructure
608666	ORLEANS- INTERSECTION IMPROVEMENTS AT ROUTE 28 (SOUTH ORLEANS ROAD), ROUTE 39 (HARWICH ROAD) AND QUANSET ROAD	Qualitative	Qualitative Decrease in Emissions	0	Assumed Nominal Decrease in Emissions from Sidewalk and Bicycle Infrastructure
608742	DENNIS- HARWICH- RECONSTRUCTION & RELATED WORK ON MAIN STREET (ROUTE 28), FROM UPPER COUNTY ROAD TO THE HERRING RIVER BRIDGE	Qualitative	Qualitative Decrease in Emissions	0	Assumed Nominal Decrease in Emissions from Sidewalk and Bicycle Infrastructure
608819	BARNSTABLE- RESURFACING AND RELATED WORK ON ROUTE 6	0	Qualitative Decrease in Emissions	0	
CC2000	CAPE COD - BICYCLE RACK PROGRAM	Quantified	Quantified Decrease in Emissions from Other Improvements	1,000,967	GHG reduction rate based on SRPEDD analysis for comparable program
2022	REGION: CAPE COD		Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	-1,001,762	
			Total GHG Difference (kg/year)	-1,001,762	
CENTRAL MASSACHUSETTS					
602659	CHARLTON- OXFORD- RECONSTRUCTION ON ROUTE 20, FROM RICHARDSON'S CORNER EASTERLY TO ROUTE 12, INCLUDES REHAB OF C-06-023 & REPLACEMENT OF O-06-002	Qualitative	Qualitative Decrease in Emissions	0	Quantitative estimates TBD



MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
608038	WEBSTER- RESURFACING & RELATED WORK OF KLEBART AVENUE & LAKE PARKWAY	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	3,184	
608171	UXBRIDGE- RECONSTRUCTION OF ROUTE 122 (SOUTH MAIN STREET), FROM SUSAN PARKWAY TO ROUTE 16	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	489	
608432	RUTLAND- RECONSTRUCTION OF ROUTE 56 (POMMOGUSSETT ROAD)	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	118	
608433	WEBSTER- INTERSECTION IMPROVEMENTS AT I-395 RAMPS (EXIT 2) AT ROUTE 16 (EAST MAIN STREET) AND SUTTON ROAD	Qualitative	Qualitative Decrease in Emissions	0	Quantitative estimates TBD
608433	WEBSTER- INTERSECTION IMPROVEMENTS AT I-395 RAMPS (EXIT 2) AT ROUTE 16 (EAST MAIN STREET) AND SUTTON ROAD	Qualitative	Qualitative Decrease in Emissions	0	Quantitative estimates TBD
608814	SPENCER- EAST BROOKFIELD- RESURFACING AND RELATED WORK ON ROUTE 9	Qualitative	Qualitative Decrease in Emissions	0	
608815	HOLDEN- RESURFACING AND RELATED WORK ON ROUTE 122	Qualitative	Qualitative Decrease in Emissions	0	
608862	SOUTHBRIDGE - BRIDGE REPLACEMENT, S-21-009, MILL STREET OVER MCKINSTRY BROOK	Qualitative	No assumed impact/negligible impact on emissions	0	
CM0002	UXBRIDGE - BRIDGE REPLACEMENT, U-02-052, ROUTE 146 RAMP OVER EMVERSON BROOK	Qualitative	No assumed impact/negligible impact on emissions	0	
2022	REGION: CENTRAL MASSACHUSETTS		Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	-3,791	
			Total GHG Difference (kg/year)	-3,791	
FRANKLIN					
605983	WHATELY- REHABILITATION OF HAYDENVILLE ROAD, FROM CONWAY ROAD TO THE WILLIAMSBURG T.L. (1.7 MILES)	Qualitative	No assumed impact/negligible impact on emissions	0	Project will be quantified when more information is available
607588	NORTHFIELD- CONSTRUCT BIKE/PED BRIDGE TO REPLACE N-22-002, SCHELL BRIDGE OVER THE CONNECTICUT RIVER	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	176	AC YR 2 of 2
608414	GREENFIELD- INTERSECTION IMPROVEMENTS AT TWO LOCATIONS, ROUTE 2 AND COLRAIN ROAD & ROUTE 2 AND BIG Y ENTRANCE	Qualitative	Qualitative Decrease in Emissions	0	Project will be quantified when more information is available
608849	LEVERETT - BRIDGE REPLACEMENT, L-09-003, MILLERS ROAD OVER ROARING BROOK	Qualitative	No assumed impact/negligible impact on emissions	0	
608855	ROWE - BRIDGE REPLACEMENT, R-10-008, CYRUS STAGE ROAD OVER POTTER BROOK	Qualitative	No assumed impact/negligible impact on emissions	0	
608858	CHARLEMONT - BRIDGE REPLACEMENT, C-05-042, EAST OXBOW ROAD OVER OXBOW BROOK	Qualitative	No assumed impact/negligible impact on emissions	0	
2022	REGION: FRANKLIN		Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	-176	
			Total GHG Difference (kg/year)	-176	

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
MARTHA'S VINEYARD					
608142	OAK BLUFFS- CONSTRUCTION OF A SHARED USE PATH ALONG BEACH ROAD, FROM THE LAGOON POND BRIDGE NORTHERLY TO THE EASTVILLE AVENUE/COUNTY ROAD INTERSECTION	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	2,372	Construction / Total Project Cost = \$2,240,448 w/ \$1,448,906 from Martha's Vineyard regional funding / AC YR 2 of 2 / PSAC Score 29.5.
2022	REGION: MARTHA S VINEYARD	Total GHG Increase (kg/year)		0	
		Total GHG Reduction (kg/year)		-2,372	
		Total GHG Difference (kg/year)		-2,372	
MERRIMACK VALLEY					
608095	NORTH ANDOVER- CORRIDOR IMPROVEMENTS ON ROUTE 114, BETWEEN ROUTE 125 (ANDOVER STREET) & STOP & SHOP DRIVEWAY	Qualitative	Qualitative Decrease in Emissions	0	Not yet enough information to generate an estimate.
608095	NORTH ANDOVER- CORRIDOR IMPROVEMENTS ON ROUTE 114, BETWEEN ROUTE 125 (ANDOVER STREET) & STOP & SHOP DRIVEWAY	Qualitative	Qualitative Decrease in Emissions	0	Not yet enough information to generate an estimate.
608095	NORTH ANDOVER- CORRIDOR IMPROVEMENTS ON ROUTE 114, BETWEEN ROUTE 125 (ANDOVER STREET) & STOP & SHOP DRIVEWAY	Qualitative	Qualitative Decrease in Emissions	0	Not yet enough information to generate an estimate.
608095	NORTH ANDOVER- CORRIDOR IMPROVEMENTS ON ROUTE 114, BETWEEN ROUTE 125 (ANDOVER STREET) & STOP & SHOP DRIVEWAY	Qualitative	Qualitative Decrease in Emissions	0	Not yet enough information to generate an estimate.
2022	REGION: MERRIMACK VALLEY	Total GHG Increase (kg/year)		0	
		Total GHG Reduction (kg/year)		0	
		Total GHG Difference (kg/year)		0	
MONTACHUSETT					
605296	FITCHBURG- BRIDGE PRESERVATION, F-04-011, CIRCLE STREET OVER NORTH NASHUA RIVER	Qualitative	No assumed impact/negligible impact on emissions	0	
605393	HARVARD- LANCASTER- RECONSTRUCTON & WIDENING ON ROUTE 2 RAMPS @ EXITS 36 & 38	Qualitative	Qualitative Decrease in Emissions	0	Potential reduction in delays for vehicles entering Rt 2
607347	GARDNER- BIKE PATH CONSTRUCTION, NORTH CENTRAL PATHWAY (PHASE VI)	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	476,405	
607604	STERLING- WEST BOYLSTON- IMPROVEMENTS ON ROUTE 140 AT I-190	Qualitative	No assumed impact/negligible impact on emissions	0	
607902	AYER- RECLAMATION & RELATED WORK ON ROUTE 2A, FROM HARVARD ROAD TO MAIN STREET	Qualitative	No assumed impact/negligible impact on emissions	0	
608784	TEMPLETON- ROUNDABOUT CONSTRUCTION AT THE INTERSECTION OF PATRIOTS ROAD, SOUTH MAIN STREET, NORTH MAIN STREET AND GARDNER ROAD	Qualitative	No assumed impact/negligible impact on emissions	0	Potential reduction in delays for vehicles on approach legs of crossing.
608862	PETERSHAM - BRIDGE REPLACEMENT, P-08-002, GLEN VALLEY ROAD OVER E. BR SWIFT RIVER	Qualitative	No assumed impact/negligible impact on emissions	0	

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
2022	REGION: MONTACHUSETT		Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	-476,405	
			Total GHG Difference (kg/year)	-476,405	
NORTHERN MIDDLESEX					
608227	BILLERICA- YANKEE DOODLE BIKE PATH CONSTRUCTION (PHASE I)	Qualitative	Qualitative Decrease in Emissions	0	
608375	CHELMSFORD- INTERSECTION IMPROVEMENTS AT BOSTON ROAD AND CONCORD ROAD	Qualitative	Qualitative Decrease in Emissions	0	
608603	DUNSTABLE- IMPROVEMENTS ON MAIN STREET (ROUTE 113), FROM PLEASANT STREET TO 750 FT EAST OF WESTFORD STREET	Qualitative	Qualitative Decrease in Emissions	0	Data not yet available to quantify decrease in emissions.
608603	DUNSTABLE- IMPROVEMENTS ON MAIN STREET (ROUTE 113), FROM PLEASANT STREET TO 750 FT EAST OF WESTFORD STREET	Qualitative	Qualitative Decrease in Emissions	0	
608603	DUNSTABLE- IMPROVEMENTS ON MAIN STREET (ROUTE 113), FROM PLEASANT STREET TO 750 FT EAST OF WESTFORD STREET	Qualitative	Qualitative Decrease in Emissions	0	
608774	TEWKSBURY – ROUTE 38 INTERSECTION IMPROVEMENTS FROM LOWELL LINE TO PIKE STREET/ASTLE STREET	Qualitative	Qualitative Decrease in Emissions	0	
608830	WESTFORD- BRIDGE REHABILITATION BEAVER BROOK ROAD OVER BEAVER BROOK (W-26-014)	Qualitative	Qualitative Decrease in Emissions	0	
NM0001	WESTFORD - BRIDGE REPLACEMENT, STONY BROOK ROAD OVER STONY BROOK	Qualitative	No assumed impact/negligible impact on emissions	0	
2022	REGION: NORTHERN MIDDLESEX		Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	0	
			Total GHG Difference (kg/year)	0	
OLD COLONY					
600380	PEMBROKE- REHABILITATION OF ROUTE 36 (CENTER STREET) FROM ROUTE 27 TO ROUTE 14	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	155,420	
608279	STOUGHTON- INTERSECTION IMPROVEMENTS AND RELATED WORK AT CENTRAL STREET, CANTON STREET AND TOSCA DRIVE	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	83,068	
2022	REGION: OLD COLONY		Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	-238,488	
			Total GHG Difference (kg/year)	-238,488	
PIONEER VALLEY					
606156	HOLYOKE- RECONSTRUCTION OF I-91 INTERCHANGE 17 & ROUTE 141	Qualitative	Qualitative Decrease in Emissions	0	To be Quantified

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
606895	GRANBY- IMPROVEMENTS @ 2 LOCATIONS ON ROUTE 202: SCHOOL STREET & FIVE CORNERS	Qualitative	Qualitative Decrease in Emissions	0	To be Quantified
608374	WEST SPRINGFIELD- RECONSTRUCTION OF MEMORIAL AVENUE (ROUTE 147), FROM COLONY ROAD TO THE MEMORIAL AVENUE ROTARY (1.4 MILES)	Qualitative	Qualitative Decrease in Emissions	0	To be Quantified
608466	BELCHERTOWN- GRANBY- RESURFACING AND RELATED WORK ON ROUTE 202	Quantified	Quantified Decrease in Emissions from Complete Streets Project	3,812	
608846	MONSON - BRIDGE REPLACEMENT, M-27-015, OLD WALES ROAD OVER CONANT BROOK	0	No assumed impact/negligible impact on emissions	0	
608847	WALES - BRIDGE REPLACEMENT, W-02-002, HOLLAND ROAD OVER WALES BROOK	0	No assumed impact/negligible impact on emissions	0	
608848	SPRINGFIELD, BRIDGE REPLACEMENT, S-24-016, ARMORY STREET OVER CSX RR	0	No assumed impact/negligible impact on emissions	0	
608853	SPRINGFIELD, BRIDGE REPLACEMENT, S-24-026, ARMORY STREET OVER CSX RR (ABANDONED)	0	No assumed impact/negligible impact on emissions	0	
608869	NORTHAMPTON - BRIDGE REPLACEMENT, N-19-068, OLD SPRINGFIELD ROAD OVER MILL RIVER	0	No assumed impact/negligible impact on emissions	0	
2022	REGION: PIONEER VALLEY		Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	-3,812	
			Total GHG Difference (kg/year)	-3,812	
<b>SOUTHEASTERN MASSACHUSETTS</b>					
606527	NEW BEDFORD- SUPERSTRUCTURE REPLACEMENT, N-06-020, I-195 (EB & WB) RAMP C & F OVER ST 18, COUNTY STREET, STATE STREET, MASS COASTAL RAILROAD, PURCHASE STREET, WELD STREET, INCLUDES REPLACING N-06-046, I-195 (EB) RAMP F OVER WELD STREET	Qualitative	No assumed impact/negligible impact on emissions	0	
607825	WAREHAM- CONSTRUCTION OF BIKE LANES ALONG NARROWS ROAD AND A SHARED USE PATH ADJACENT TO MINOT AVENUE INCLUDING RELATED WORK	Qualitative	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	0	Insufficient Information at present time to complete analysis
607825	WAREHAM- CONSTRUCTION OF BIKE LANES ALONG NARROWS ROAD AND A SHARED USE PATH ADJACENT TO MINOT AVENUE INCLUDING RELATED WORK	Qualitative	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	0	Insufficient Information at present time to complete analysis
607825	WAREHAM- CONSTRUCTION OF BIKE LANES ALONG NARROWS ROAD AND A SHARED USE PATH ADJACENT TO MINOT AVENUE INCLUDING RELATED WORK	Qualitative	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	0	Insufficient Information at present time to complete analysis
607871	DARTMOUTH- REALIGNMENT OF TUCKER ROAD TO ROUTE 6 AND HATHAWAY ROAD, INCLUDING INTERSECTION SIGNALIZATION	Qualitative	Qualitative Decrease in Emissions	0	Insufficient Information at present time to complete analysis
608049	FALL RIVER- CORRIDOR IMPROVEMENTS ON ROUTE 79/DAVOL STREET	Qualitative	No assumed impact/negligible impact on emissions	0	
608230	REHOBOTH- INTERSECTION IMPROVEMENTS & RELATED WORK AT WINTHROP STREET (ROUTE 44) AND ANAWAN STREET (ROUTE 118)	Qualitative	Qualitative Decrease in Emissions	0	Insufficient Information at present time to complete analysis

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
608535	NEW BEDFORD- CORRIDOR IMPROVEMENTS AND RELATED WORK ON COUNTY STREET FROM NELSON STREET TO UNION STREET	Qualitative	No assumed impact/negligible impact on emissions	0	
SM0001	ATTLEBORO-STORMWATER IMPROVEMENTS ALONG INTERSTATE 95 PART II	Qualitative	No assumed impact/negligible impact on emissions	0	
2022	REGION: SOUTHEASTERN MASSACHUSETTS		Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	0	
			Total GHG Difference (kg/year)	0	
STATEWIDE					
608496	AVON- STOUGHTON- RESURFACING AND RELATED WORK ON ROUTE 24	Qualitative	Qualitative Decrease in Emissions	0	
608620	ANDOVER- TEWKSBURY- HIGHWAY LIGHTING SYSTEM REHABILITATION AND REPAIR AT THE INTERCHANGE OF INTERSTATE ROUTES 93 AND 495	Qualitative	No assumed impact/negligible impact on emissions	0	
608816	DRACUT- METHUEN- RESURFACING AND RELATED WORK ON ROUTE 110	Qualitative	Qualitative Decrease in Emissions	0	
608826	TEWKSBURY- ANDOVER- INTERSTATE RESURFACING AND RELATED WORK ON I-93	Qualitative	Qualitative Decrease in Emissions	0	
608837	DISTRICT 2 - SYSTEMATIC MAINTENANCE AT VARIOUS LOCATIONS	0	0	0	
608839	STATEWIDE INTELLIGENT TRANSPORTATION SYSTEMS, YEAR 2022	Qualitative	Qualitative Decrease in Emissions	0	
608840	DISTRICT 3- ELASTOMERIC PROTECTIVE COATING APPLICATION TO CONCRETE SURFACES	Qualitative	No assumed impact/negligible impact on emissions	0	
608841	STATEWIDE-VARIOUS INTERSECTION STRATEGIES TO ADDRESS SHSP - TO BE DETERMINED (2022)	Qualitative	No assumed impact/negligible impact on emissions	0	
608842	STATEWIDE-VARIOUS SAFETY STRATEGIES TO ADDRESS SHSP - TO BE DETERMINED (2022)	Qualitative	No assumed impact/negligible impact on emissions	0	
608863	DISTRICT 5- BRIDGE PAINTING ALONG ROUTE 24 CORRIDOR	Qualitative	No assumed impact/negligible impact on emissions	0	
BRI22	Bridge Inspection	Qualitative	No assumed impact/negligible impact on emissions	0	
BRI22	Bridge Inspection	Qualitative	No assumed impact/negligible impact on emissions	0	
2022	REGION: STATEWIDE		Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	0	
			Total GHG Difference (kg/year)	0	
2022			Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	-3,584,896	
			Total GHG Difference (kg/year)	-3,584,896	

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
2018-2022			Total GHG Increase for all years (kg/year)	217,978	
			Total GHG Reduction for all years (kg/year)	-25,894,816	
			Total GHG Difference for all years (kg/year)	-25,676,838	