



U.S. Department
of Transportation

Federal Highway Administration
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Federal Transit Administration
Region I
55 Broadway, Suite 920
Cambridge, MA 02142-1093
617-494-2055
617-494-2865 (fax)

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

November 13, 2018

Subject: Federal Fiscal Year (FFY) 2019-2023 Statewide Transportation Improvement Program

Dear Secretary Pollack:

The Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) have completed a joint review of the FFY 2019-2023 Massachusetts Statewide Transportation Improvement Program (STIP). Based on this review, FHWA and FTA find that the FFY 2019-2023 STIP and the 2019-2023 Transportation Improvement Programs (TIPs) adopted by the Metropolitan Planning Organizations (MPOs) are based on a transportation planning process that substantially meets the requirements of 23 U.S.C. 134 and 135, 49 U.S.C. 5303 and 5304, and 23 CFR 450 subparts A, B, and C, pending resolution of the following corrective action:

- WMassDOT, the MPOs, and the providers of public transportation must jointly agree upon and develop written provisions in accordance with 23 CFR 450.314(h). The regulation provides flexibility for establishing these written provisions and they may be included as part of the metropolitan planning agreements or documented in some other form as cooperatively determined by the MPOs, MassDOT, and operators of public transportation. These written provisions are required to be developed according to a phase-in schedule described in the final planning rule which was also provided to MassDOT and MPOs in a January 25, 2018 joint memo from FHWA and FTA. MassDOT must submit a timeline for completion of this action by December 7, 2018. The written provisions should be completed by April 30, 2019.

FHWA and FTA have determined the STIP is fiscally constrained. Additionally, FHWA and FTA issued a joint conformity finding on November 8, 2018, stating that the FFY 2019-2023 TIPs and amended Regional Transportation Plans are in conformity with the State Implementation Plan, are consistent with the Clean Air Act, and are consistent with the Environmental Protection Agency's conformity regulations as stated in 40 CFR Parts 51 and 93.

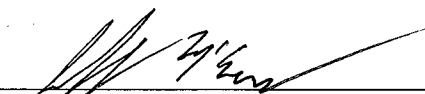
FHWA and FTA have jointly determined that the FFY 2018-2023 STIP substantially meets requirements and is hereby approved, subject to the Corrective Action to be resolved within the timeframe specified in the Attachment. In support of our determination, attached is a planning


finding that contains additional details on the corrective action as well as recommendations and observations to help strengthen the transportation planning and program development process.

Approval of the STIP does not constitute project or grant approval. Both FHWA and FTA may need additional information on some of the projects in the approved STIP when a project agreement or grant submission approval is requested.

We look forward to the continued cooperation of you and your staff in efforts to carry out the statewide and metropolitan planning processes in an effective manner.

Sincerely,



Jeffrey H. McEwen, P.E.
Division Administrator
Federal Highway Administration

Peter Butler
Acting Regional Administrator
Federal Transit Administration

cc: Jonathan L. Gulliver, Highway Division Administrator, MassDOT
David Mohler, OTP Executive Director, MassDOT
Massachusetts Regional Planning Agencies
Ariel Garcia, Environmental Protection Specialist, EPA Region 1
Christine Kirby, Massachusetts DEP
Sharon Weber, Massachusetts DEP

**FHWA Massachusetts Division/FTA Region 1 Review Documentation
in support of the
FHWA/FTA PLANNING FINDING
and approval of the
MASSACHUSETTS DEPARTMENT OF TRANSPORTATION
FFY2019-2023 STATEWIDE TRANSPORTATION IMPROVEMENT
PROGRAM**

Introduction

In order to approve the Statewide Transportation Improvement Program (STIP), including Transportation Improvement Programs (TIPs) contained by reference or directly in the STIP, the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) must make a finding that the STIP and TIPs are based on a transportation planning process that meets the requirements of 23 U.S.C. 134 and 135, 49 U.S.C. 5303 and 5304, and 23 CFR 450 and that the TIPs are consistent with the metropolitan transportation plan produced by the continuing and comprehensive transportation process carried on cooperatively by the metropolitan planning organizations (MPOs), the State(s), and the public transit operator(s).

The statewide and metropolitan planning finding is based on the self-certification statements submitted by MassDOT and the MPOs under 23 CFR 450.220 and 23 CFR 450.336. It is also based upon review of supporting documentation, routine FHWA/FTA involvement in the statewide and metropolitan planning processes, public involvement, and fiscal constraint determination.

This documentation supports the planning finding for Massachusetts Department of Transportation's (MassDOT's) Federal Fiscal Year (FFY) 2019-2023 STIP and the incorporated TIPs for the following ten MPOs and three regional transportation planning organizations (RTPOs): Berkshire Region MPO, Boston Region MPO, Cape Cod MPO, Central Massachusetts MPO, Franklin Regional Council of Governments, Martha's Vineyard Commission, Merrimack Valley MPO, Montachusett MPO, Nantucket Planning and Economic Development Commission, Northern Middlesex Council of Governments, Old Colony MPO, Pioneer Valley MPO, and Southeast Massachusetts MPO.

Corrective Actions, Recommendations and Observations of the Planning Process

The below table identifies the corrective actions, recommendations, and observations that have been identified by FHWA and FTA.

FINDING	TOPIC	DESCRIPTION
Corrective Action	Written Provisions for Performance Based Planning and Programming (PBPP)	MassDOT, the MPOs, and the providers of public transportation must jointly agree upon and develop written provisions in accordance with 23 CFR 450.314(h). The regulation provides flexibility for establishing these written

		<p>provisions and they may be included as part of the metropolitan planning agreements or documented in some other form as cooperatively determined by the MPOs, MassDOT, and operators of public transportation. These written provisions are required to be developed according to a phase-in schedule described in the final planning rule which was also provided to MassDOT and the MPOs in a January 25, 2018 joint memo from FHWA and FTA.</p> <p>MassDOT must submit a timeline for completion of this action by December 7, 2018. The written provisions must be completed by April 30, 2019.</p>
Recommendation	PBPP	<p>MassDOT and the MPOs should continue to incorporate performance-based planning and programming in their planning documents. The STIP and TIPs should include a discussion of the anticipated effect of the program toward achieving adopted performance targets, linking investment priorities to performance, in accordance with the new requirements in 23 CFR 450. MassDOT and the MPOs should also include the metrics being used to measure the effects of their investments on the targets.</p>
Recommendation	Self-Certifications	<p>MassDOT and each MPO should make sure all self-certification statements are up-to-date and all citations reflect current laws and regulations. Self-certification statements by the State and the MPOs are important components of the STIP and TIP development process and are necessary to support the planning finding and the STIP approval, as noted in 23 CFR 450.220 and 23 CFR 450.336. These statements certify that the statewide and metropolitan planning processes are being carried out in accordance with applicable requirements. The State and the MPOs have completed these self-certifications, and FHWA and FTA have reviewed them to support this planning finding. However, not all citations reflect current laws and regulations.</p>

Recommendation	Fiscal Constraint	MassDOT should set up quarterly meetings among the Office of Transportation Planning, the Federal Aid Programming and Reimbursement Office, and the Highway Division. These meetings will help ensure the Fiscal Constraint Analysis Tables in the STIP remain up-to-date and are consistent with information in FHWA's Financial Management Information System. FHWA should also be invited to these meetings. These meetings will enhance communication internally between MassDOT offices and with FHWA, and will help to eliminate financial risk and federal-aid non-participation. The STIP and TIPs must be fiscally constrained per 23 CFR 450.218 and 23 CFR 450.326.
Recommendation	Fiscal Constraint	MassDOT should work on improving the coordination between the Office of Transportation Planning and the Rail and Transit Division. Regular meetings are encouraged to ensure both offices are involved in the 3C planning process for transit projects and will also improve the mutual understanding of each office's business practices. This will facilitate better documentation of fiscal constraint and streamline FTA's ability to review and approve the STIP, STIP amendments, and grant applications. FTA is willing to participate in these meetings upon request. The STIP and TIPs must be fiscally constrained per 23 CFR 450.218 and 23 CFR 450.326.
Recommendation	STIP Amendments	MassDOT should ensure STIP Amendments are submitted with updated Fiscal Constraint Analysis Tables and Advanced Construction Tables. FHWA and FTA should receive updated Fiscal Constraint Analysis Tables with each STIP Amendment in a timely manner. FHWA should also receive updated Advanced Construction Tables with each STIP Amendment in a timely manner. In accordance with 23 U.S.C. 115(c), an Advanced Construction Project application may only be approved if it is included in the STIP.

Recommendation	Operations and Maintenance	MassDOT should develop a methodology to include the operations and maintenance costs of the public transportation system in its analysis in the STIP. The STIP should include financial information containing system-level estimates of costs and revenue sources that are reasonably expected to be available to adequately operate and maintain Federal-aid highways (as defined by 23 U.S.C. 101(a)(5)) and public transportation (as defined by title 49 U.S.C. 5302).
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Conclusion and Finding

FHWA and FTA note that the new FFY 2019-2023 STIP is consistent with MPO Metropolitan Transportation Plans (MTPs) and incorporates Transportation Improvement Programs (TIPs) without change.

In accordance with 23 CFR 450, and based upon the MassDOT and MPO self-certifications of their statewide and metropolitan transportation planning processes and federal agency routine involvement in the transportation planning processes, FHWA and FTA hereby make the following determinations, pending resolution of the above corrective action:

- Projects in the 2018-2023 STIP are based on a planning process that substantially meets the requirements of 23 USC 134 and 135, 49 USC 5303 and 5304, and Subparts A, B, and C of 23 CFR 450, and other applicable requirements.
- The metropolitan TIPs are based on a continuing, comprehensive transportation planning process carried on cooperatively by the State, MPOs, and transit operators in accordance with the provisions of 23 USC 134 and 135 and 49 USC Sections 5303-5305, and subparts A, B, and C of 23 CFR 450.



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617-494-2865 (fax)

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

November 8, 2018

Subject: Massachusetts Air Quality Conformity Determination

Dear Secretary Pollack:

The Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) have completed our reviews of the air quality conformity determination for the Federal Fiscal Years 2019-2023 Transportation Improvement Programs (TIPs) for each of the Metropolitan Planning Organizations (MPOs) in Massachusetts and their associated amended Regional Transportation Plans (RTPs). A FHWA/FTA air quality conformity determination is required pursuant to the U.S. Environmental Protection Agency's (EPA) Transportation Conformity Rule stated in 40 CFR Parts 51 and 93, and U.S. Department of Transportation's Metropolitan Planning Rule stated in 23 CFR Part 450.

As a result of the February 16, 2018 decision by the U.S. Court of Appeals for the D.C. Circuit in *South Coast Air Quality Management District vs. EPA*, No. 15-1115, which will become effective on February 16, 2019, the Massachusetts Department of Transportation (MassDOT), in cooperation with the Massachusetts Department of Environmental Protection (MassDEP), proactively conducted an air quality conformity analysis on the RTPs, which incorporate the projects from the 2019-2023 TIPs, throughout the summer of 2018 to meet the requirements for the 1997 ozone National Ambient Air Quality Standards (NAAQS). Each MPO amended its RTP in the summer of 2018 to include the required air quality conformity analysis. Massachusetts is classified as being in moderate nonattainment and is separated into two nonattainment areas: Eastern Massachusetts Ozone Nonattainment Area (comprised of Cape Cod MPO, Central Massachusetts MPO, Merrimack Valley MPO, Boston Region MPO, Montachusett MPO, Northern Middlesex MPO, Old Colony MPO, Southeastern Region MPO, Martha's Vineyard TPO, and Nantucket TPO) and the Western Massachusetts Ozone Nonattainment Area (comprised of Berkshire Region MPO, Franklin TPO, and Pioneer Valley MPO). MassDOT's Office of Transportation Planning found that the combined projected emissions levels from transportation projects contained in the amended RTPs and 2019-2023 TIPs are consistent with the allowed emissions budgets, thus demonstrating conformity with the State Implementation Plan (SIP), the Clean Air Act, and the EPA conformity regulations (40 CFR Part 51).

Under the Massachusetts SIP and the Massachusetts conformity regulations, the MassDEP is required to issue a finding of concurrence or non-concurrence with the conformity determinations made by the MPOs. The MassDEP issued its finding of concurrence on October 30, 2018. Additionally, Region 1 of the EPA reviewed the TIPs and the air quality analyses and via e-mail on October 29, 2018 stated that they agree "in making a positive transportation conformity finding."

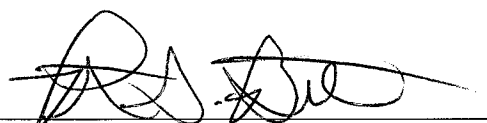
Based on FHWA and FTA's joint evaluation of the TIPs, amended RTPs and the input received from MassDEP and EPA, FHWA and FTA have determined that the TIPs and amended RTPs are in conformity with the goals of the SIP, are consistent with the Clean Air Act, and are consistent with the EPA conformity regulations as stated in 40 CFR Parts 51 and 93.

If you have any questions or comments, please contact Cassie Chase Ostrander (FHWA) at 617-494-3113 or Leah Sirmin (FTA) at 617-494-2459.

Sincerely,

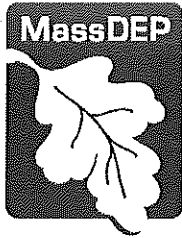
Handwritten signature of Jeffrey H. McEwen in black ink, written over a horizontal line.

Jeffrey H. McEwen, P.E.
Division Administrator
Federal Highway Administration

Handwritten signature of Peter Butler in black ink, written over a horizontal line.

Peter Butler
Acting Regional Administrator
Federal Transit Administration

cc: Jonathan L. Gulliver, Highway Division Administrator, MassDOT
David Mohler, OTP Executive Director, MassDOT
Massachusetts MPOs and TPOs
Ariel Garcia, EPA Region 1
Eric Rackauskas, EPA Region 1
Christine Kirby, Massachusetts DEP
Sharon Weber, Massachusetts DEP



Commonwealth of Massachusetts
Executive Office of Energy & Environmental Affairs

Department of Environmental Protection

One Winter Street Boston, MA 02108 • 617-292-5500

Charles D. Baker
Governor

Karyn E. Polito
Lieutenant Governor

Matthew A. Beaton
Secretary

Martin Suuberg
Commissioner

October 30, 2018

David Mohler, Executive Director
Office of Transportation Planning
Massachusetts Department of Transportation
Ten Park Plaza, Suite 3170
Boston, MA 02116-3969

RE: Conformity review of the FFY 2019-2023 State Transportation Improvement Program

Dear Mr. Mohler:

The Massachusetts Department of Environmental Protection (MassDEP) has reviewed the Massachusetts Department of Transportation (MassDOT) submittal of its proposed State Transportation Improvement Program (STIP) received October 1, 2018, which reflects the State's project and programming needs for federal fiscal years 2019-2023. This letter is MassDEP's finding of concurrence with MassDOT's Certification that the Federal Fiscal Year (FFY) 2019-2023 air quality conformity determinations included in the STIP and the thirteen Metropolitan Planning Organizations' (MPOs) Regional Transportation Improvement Programs (TIPs) satisfy the applicable criteria and procedures in 310 CMR 60.03 and 40 CFR Part 93, and are consistent with the air quality goals of the Massachusetts State Implementation Plan (SIP).

Conformity determinations are required to ensure that TIPs and STIPs conform to the State SIP requirements and will not cause or contribute to violations of the National Ambient Air Quality Standards (NAAQS). Section 176 of the Clean Air Act (CAA) requires MPOs and States 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 TIPs. In accordance with 310 CMR 60.03(6)(g), after MassDEP receives MassDOT's conformity determinations on the TIPs and STIP, MassDEP is required to review the conformity determination and issue a finding in writing of concurrence or non-concurrence with MassDOT's determination. Based on that review, MassDEP observes the following:

Ozone Standard

The United States Environmental Protection Agency (US EPA) published a Final Rulemaking, *Implementation of the 2008 National Ambient Air Quality Standards (NAAQS) for Ozone: State*

Implementation Plan Requirements; Final Rule, effective April 6, 2015, that stated that air quality conformity determinations for the 1997 Ozone NAAQS were no longer required.

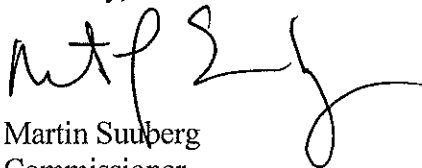
In February 2018, the United States Court of Appeals for the District of Columbia Circuit issued a decision in *South Coast Air Quality Management District v. EPA* (No. 15-1115), which struck down portions of the 2008 Ozone NAAQS SIP Requirements Rule concerning the ozone NAAQS. This resulted in areas of the State that were designated as nonattainment for the 1997 ozone NAAQS, but designated as attainment for the 2008 ozone NAAQS, needing to once again perform transportation air quality conformity assessments for ozone. Each MPO amended its Regional Transportation Plan (RTP) in summer, 2018 to include the required air quality conformity analysis. MassDOT Planning found that the combined projected emissions levels from transportation projects contained in the amended RTPs and 2019–2023 TIPs are consistent with the allowed emissions budgets, thus demonstrating conformity with the SIP, the Clean Air Act, and the EPA conformity regulations (40 CFR Part 51).

Regional Attainment Areas and Limited Maintenance Plan for Carbon Monoxide Standard

The Lowell, Waltham, Worcester, and Springfield Carbon Monoxide (CO) attainment areas have a SIP-approved limited maintenance plan. Areas with approved limited maintenance plans are “not required to satisfy [a] regional emissions [budget] analysis” since “it would be unreasonable to expect that such an area would experience enough motor vehicle emissions growth for a NAAQS violation to occur” (40 CFR 93.109(e)), but all other conformity requirements in limited maintenance plan areas under 40 CFR 93.109(b) continue to apply. The latest conformity determinations for Lowell, Waltham, Worcester, and Springfield can be found in the respective MPO’s 2019–2023 TIPs.

After reviewing MassDOT’s determination that the transportation plan conforms to the SIP and will not cause mobile source emissions to violate the NAAQS, MassDEP concurs with MassDOT’s Certification of the FFY 2019-2023 air quality conformity determinations included in the TIPs, STIP and amended LRTPs. If you have any questions regarding MassDEP’s review, please call Sharon Weber of the Bureau of Air and Waste, Division of Air and Climate Programs at (617) 556-1190.

Sincerely,



Martin Suuberg
Commissioner

Cc: Dave Conroy & Ariel Garcia, U.S. EPA Region 1
David Chandler, Federal Highway Administration (FHWA)
Leah Sirmin, FTA – Region 1, Cambridge, MA
Steve Woelfel, MassDOT



2019-2023

State Transportation Improvement Program

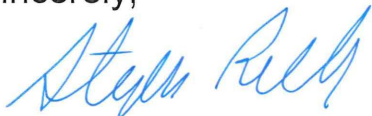
September 28, 2018

I am pleased to present the Massachusetts Department of Transportation's State Transportation Improvement Program (STIP) for Federal Fiscal Years 2019-2023. 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 (MPOs), which and includes input from individuals, public agencies, and our state and federal partners. To accomplish our transportation goals, the STIP's investment program includes nearly \$8.1 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

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-អ្នកត្រូវការបកប្រែព័ត៌មាននេះ សូមទាក់ទងអ្នកឯកទេសលើជំពូកទី6 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

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

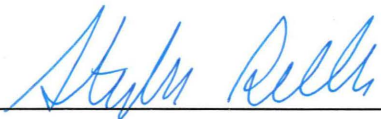
Compliance with Applicable Federal Regulation

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 FAST Act (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



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



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 2019-2023 was conducted with each MPO endorsing an amended Regional Transportation Plan, concluding with the Commonwealth providing a conformity analysis on the each MPO's TIPs and an air quality conformity determination being documented and approved by FHWA, FTA, EPA and DEP;

Whereas, all regionally significant transportation projects in the 2019-2023 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 2019-2023 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 2019-2023 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 2019 - 2023 State Transportation Improvement Program.



Stephanie Pollack
Secretary & CEO



Date

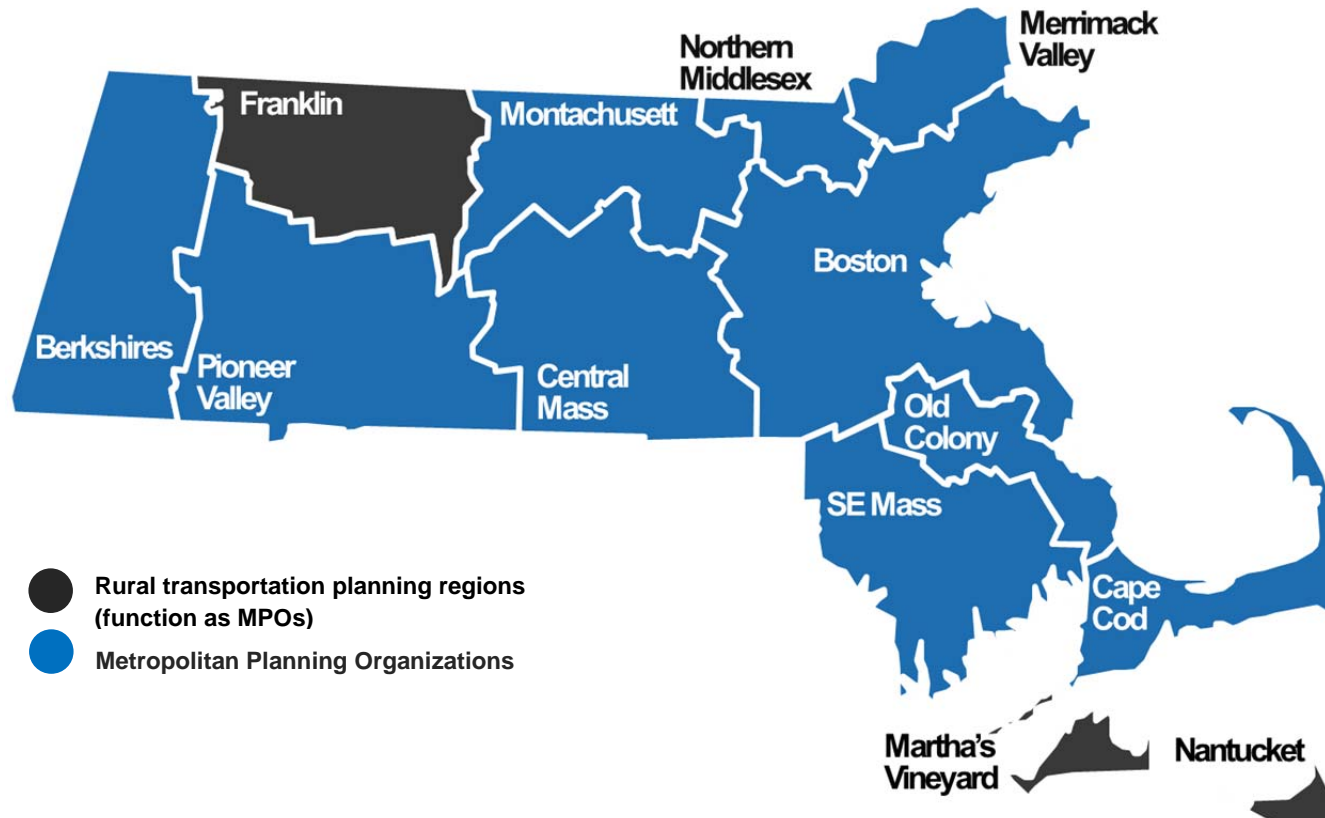
STIP development

Local communities and Regional Planning Agencies (RPAs) 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 fifteen (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 a Metropolitan Planning Organization (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 serves 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, MassDOT has a contracted agreement with each RPA to serve as staff to perform 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.

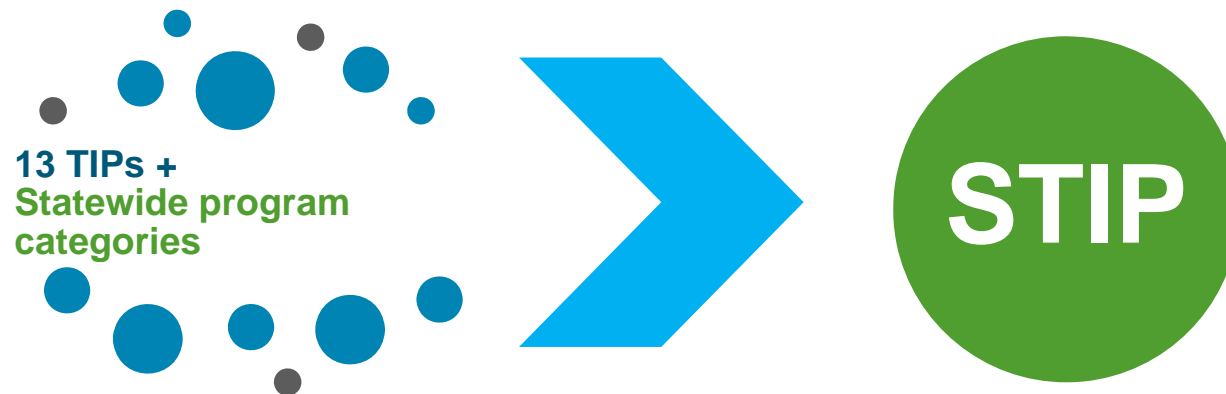
How is the STIP developed?

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 throughout the Federal Fiscal Year (FFY) to reflect changes including cost variations, project readiness, or shifting priorities.

Figure 2 - Relationship between TIPs and the STIP



The STIP is also a subset of MassDOT and the MBTA's 2019-2023 Capital Investment Plan (CIP). The 2019-2023 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 begins advertising projects in new FFY

Funding the STIP

How are 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 Fixing America’s Surface Transportation (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. This 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.” FTA Section 5307, 5337, and 5339 funds are directly apportioned to 12 of the 15 RTAs based on urbanized area population and the agreed-upon funding splits between other

agencies that fall into the UZA. The other 3 “rural” RTAs are not direct recipients of FTA funding, instead receiving Section 5311 funds as subrecipients of MassDOT with funding splits based on formula.

What are the highway investment priorities and programs?

The 2019-2023 STIP continues the alignment of investments that 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

These 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 conditions 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.

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

Americans with Disabilities Act (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 and 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 target amount is composed of its respective share of Surface Transportation Block Program (STBG), 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 the above categories as well as others.

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 federal Clean Air Act. Funding is available to help 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.

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.

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 was approved by FHWA on July 13, 2018. As the Freight Plan continues to develop, 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 that they are consistent with Metropolitan and Statewide planning requirements.

Surface Transportation Block Program (STBG)

STBG (formerly STP as referenced in this STIP) 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 STBG 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 STBG 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.

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 Moving Ahead for

Progress in the 21st Century (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 the 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 state 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 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 2019-2023 STIP
2019 BUDGET**

		Obligation authority <i>(federal aid only)</i>	Matching funds	FFY 2019 (Proposed) <i>(federal aid + match)</i>
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	\$ 138,437,429	\$ 734,103,074
Planning / Adjustments / Pass-throughs				
Award adjustments, change orders, etc.		\$ 18,297,990	\$ 4,574,498	\$ 22,872,488
Metropolitan planning		\$ 8,670,263	\$ 2,167,566	\$ 10,837,829
State planning and research		\$ 14,026,697	\$ 3,506,674	\$ 17,533,371
Freight Plan flex to Rail and Transit		\$ 2,021,285	\$ 505,321	\$ 2,526,606
Recreational trails		\$ 2,519,509	\$ 629,877	\$ 3,149,386
Railroad grade crossings		\$ 3,800,000	\$ 422,222	\$ 4,222,222
MassRides program		\$ 2,660,000	\$ 665,000	\$ 3,325,000
<i>subtotal of planning / adjustments / pass-throughs</i>		\$ 51,995,744	\$ 12,471,158	\$ 64,466,903
Funding for regional priorities	regional share % MPO	Total federal aid	Matching funds	Total funding (proposed)
	3.5596% Berkshire	\$ 6,583,267	\$ 1,601,423	\$ 8,184,689
	42.9671% Boston	\$ 79,465,073	\$ 19,329,188	\$ 98,794,261
	4.5851% Cape Cod	\$ 8,479,867	\$ 2,062,749	\$ 10,542,616
	8.6901% Central Mass	\$ 16,071,819	\$ 3,909,400	\$ 19,981,218
	2.5397% Franklin	\$ 4,697,023	\$ 1,142,615	\$ 5,839,638
	0.3100% Martha's Vineyard	\$ 573,326	\$ 139,385	\$ 712,712
	4.4296% Merrimack Valley	\$ 8,192,279	\$ 1,992,601	\$ 10,184,880
	4.4596% Montachusett	\$ 8,247,763	\$ 2,006,090	\$ 10,253,853
	0.2200% Nantucket	\$ 406,877	\$ 98,919	\$ 505,795
	3.9096% Northern Middlesex	\$ 7,230,571	\$ 1,758,793	\$ 8,989,364
	4.5595% Old Colony	\$ 8,432,522	\$ 2,051,238	\$ 10,483,760
	10.8099% Pioneer Valley	\$ 19,992,261	\$ 4,862,985	\$ 24,855,247
	8.9601% Southeastern Mass	\$ 16,571,167	\$ 4,030,800	\$ 20,601,967

**FFY 2019-2023 STIP
2019 BUDGET**

<i>Total funding of regional priorities</i>		\$	184,944,000	\$	44,986,185	\$	229,930,000
Highway Division programs		\$	358,725,900	\$	80,980,086	\$	439,705,986
Reliability programs		\$	281,005,900	\$	63,216,753	\$	344,222,653
Bridge program		\$	151,155,900	\$	37,788,975	\$	188,944,875
	<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	\$	30,722,222
Non-interstate DOT pavement program		\$	69,200,000	\$	17,300,000	\$	86,500,000
Roadway improvements program		\$	2,000,000	\$	500,000	\$	2,500,000
Safety improvements program		\$	31,000,000	\$	4,555,556	\$	35,555,556
Modernization programs		\$	41,400,000	\$	8,683,333	\$	50,083,333
ADA retrofits program		\$	2,400,000	\$	600,000	\$	3,000,000
Intersection improvements program		\$	19,000,000	\$	3,083,333	\$	22,083,333
Intelligent Transportation Systems program		\$	11,000,000	\$	2,750,000	\$	13,750,000
Roadway reconstruction program		\$	9,000,000	\$	2,250,000	\$	11,250,000
Expansion programs		\$	36,320,000	\$	9,080,000	\$	45,400,000
Bicycles and pedestrians program		\$	36,320,000	\$	9,080,000	\$	45,400,000
Capacity program		\$	-	\$	-	\$	-

**FFY 2019-2023 STIP
2020 BUDGET**

		Obligation authority <i>(federal aid only)</i>	Matching funds	FFY 2020 (Proposed) <i>(federal aid + match)</i>
Base obligation authority		\$ 626,330,019		
Planned redistribution request		\$ 50,000,000		
Total Estimated Funding Available		\$ 676,330,019		
ABP GANS Repayment		\$ (81,570,000)		
Total non-earmarked funding available		\$ 594,760,019	\$ 139,025,281	\$ 733,785,300
Planning / Adjustments / Pass-throughs				
Award adjustments, change orders, etc.		\$ 34,827,231	\$ 8,706,808	\$ 43,534,038
Metropolitan planning		\$ 8,670,263	\$ 2,167,566	\$ 10,837,829
State planning and research		\$ 14,026,697	\$ 3,506,674	\$ 17,533,371
Freight Plan flex to Rail and Transit		\$ 2,245,872	\$ 561,468	\$ 2,807,340
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
<i>subtotal of planning / adjustments / pass-throughs</i>		\$ 65,616,792	\$ 16,126,420	\$ 81,743,212
Funding for regional priorities	regional share % MPO	Total federal aid	Matching funds	Total funding (proposed)
	3.5596% Berkshire	\$ 6,791,857	\$ 1,697,964	\$ 8,489,822
	42.9671% Boston	\$ 81,982,925	\$ 20,495,731	\$ 102,478,656
	4.5851% Cape Cod	\$ 8,748,552	\$ 2,187,138	\$ 10,935,690
	8.6901% Central Mass	\$ 16,581,054	\$ 4,145,264	\$ 20,726,318
	2.5397% Franklin	\$ 4,845,848	\$ 1,211,462	\$ 6,057,310
	0.3100% Martha's Vineyard	\$ 591,492	\$ 147,873	\$ 739,365
	4.4296% Merrimack Valley	\$ 8,451,852	\$ 2,112,963	\$ 10,564,815
	4.4596% Montachusett	\$ 8,509,093	\$ 2,127,273	\$ 10,636,366
	0.2200% Nantucket	\$ 419,769	\$ 104,942	\$ 524,711
	3.9096% Northern Middlesex	\$ 7,459,671	\$ 1,864,918	\$ 9,324,589
	4.5595% Old Colony	\$ 8,699,706	\$ 2,174,927	\$ 10,874,633
	10.8099% Pioneer Valley	\$ 20,625,716	\$ 5,156,429	\$ 25,782,146
	8.9601% Southeastern Mass	\$ 17,096,225	\$ 4,274,056	\$ 21,370,281
<i>Total funding of regional priorities</i>		\$ 190,803,952	\$ 47,700,940	\$ 238,504,702

**FFY 2019-2023 STIP
2020 BUDGET**

Highway Division programs	\$	338,339,275	\$	75,197,921	\$	413,537,196
Reliability programs	\$	283,939,275	\$	63,681,254	\$	347,620,529
Bridge program	\$	151,472,055	\$	37,868,014	\$	197,709,931
Inspections	\$	14,320,000	\$	3,580,000	\$	17,900,000
Systematic maintenance	\$	8,000,000	\$	2,000,000	\$	10,000,000
On-system NHS (minimum)	\$	94,900,000	\$	23,725,000	\$	118,625,000
On-System Non-NHS	\$	9,100,000	\$	2,275,000	\$	11,375,000
Off-system	\$	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
Modernization programs	\$	34,400,000	\$	6,516,667	\$	40,916,667
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
Expansion programs	\$	20,000,000	\$	5,000,000	\$	25,000,000
Bicycles and pedestrians program	\$	20,000,000	\$	5,000,000	\$	25,000,000
Capacity program	\$	-	\$	-	\$	-

**FFY 2019-2023 STIP
2021 BUDGET**

			Obligation authority (federal aid only)	Matching funds	FFY 2021 (Proposed) (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			\$ (85,190,000)		
Total non-earmarked funding available			\$ 606,798,270	\$ 143,814,674	\$ 750,612,944
Planning / Adjustments / Pass-throughs					
Award adjustments, change orders, etc.			\$ 26,646,315	\$ 6,661,579	\$ 33,307,894
Metropolitan planning			\$ 8,670,263	\$ 2,167,566	\$ 10,837,829
State planning and research			\$ 14,026,697	\$ 3,506,674	\$ 17,533,371
Freight Plan flex to Rail and Transit			\$ 2,245,872	\$ 561,468	\$ 2,807,340
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
<i>subtotal of planning / adjustments / pass-throughs</i>			\$ 57,435,876	\$ 14,081,191	\$ 71,517,067
Funding for regional priorities	regional share %	MPO	Total federal aid	Matching funds	Total funding (proposed)
	3.5596%	Berkshire	\$ 6,929,328	\$ 1,732,332	\$ 8,661,660
	42.9671%	Boston	\$ 83,642,302	\$ 20,910,575	\$ 104,552,877
	4.5851%	Cape Cod	\$ 8,925,627	\$ 2,231,407	\$ 11,157,034
	8.6901%	Central Mass	\$ 16,916,663	\$ 4,229,166	\$ 21,145,829
	2.5397%	Franklin	\$ 4,943,930	\$ 1,235,983	\$ 6,179,913
	0.3100%	Martha's Vineyard	\$ 603,464	\$ 150,866	\$ 754,330
	4.4296%	Merrimack Valley	\$ 8,622,922	\$ 2,155,730	\$ 10,778,652
	4.4596%	Montachusett	\$ 8,681,322	\$ 2,170,330	\$ 10,851,652
	0.2200%	Nantucket	\$ 428,265	\$ 107,066	\$ 535,331
	3.9096%	Northern Middlesex	\$ 7,610,659	\$ 1,902,665	\$ 9,513,324
	4.5595%	Old Colony	\$ 8,875,793	\$ 2,218,948	\$ 11,094,741
	10.8099%	Pioneer Valley	\$ 21,043,192	\$ 5,260,798	\$ 26,303,990
	8.9601%	Southeastern Mass	\$ 17,442,261	\$ 4,360,565	\$ 21,802,827
<i>Total funding of regional priorities</i>			\$ 194,665,923	\$ 48,666,432	\$ 243,332,161

**FFY 2019-2023 STIP
2021 BUDGET**

Highway Division programs	\$	351,348,526	\$	81,067,051	\$	432,415,577
Reliability programs	\$	242,628,526	\$	55,414,829	\$	298,043,354
Bridge program	\$	143,847,945	\$	35,961,986	\$	179,809,931
<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
Modernization programs	\$	80,720,000	\$	18,652,222	\$	99,372,222
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
Expansion programs	\$	28,000,000	\$	7,000,000	\$	35,000,000
Bicycles and pedestrians program	\$	28,000,000	\$	7,000,000	\$	35,000,000
Capacity program	\$	-	\$	-	\$	-

**FFY 2019-2023 STIP
2022 BUDGET**

			Obligation authority (federal aid only)	Matching funds	FFY 2022 (Proposed) (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			\$ (89,590,000)		
Total non-earmarked funding available			\$ 619,154,163	\$ 147,301,057	\$ 766,455,220
Planning / Adjustments / Pass-throughs					
Award adjustments, change orders, etc.			\$ 33,013,336	\$ 8,253,334	\$ 41,266,670
Metropolitan planning			\$ 8,670,263	\$ 2,167,566	\$ 10,837,829
State planning and research			\$ 14,026,697	\$ 3,506,674	\$ 17,533,371
Freight Plan flex to Rail and Transit			\$ 2,245,872	\$ 561,468	\$ 2,807,340
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
<i>subtotal of planning / adjustments / pass-throughs</i>			\$ 63,802,897	\$ 15,672,946	\$ 79,475,843
Funding for regional priorities	regional share %	MPO	Total federal aid	Matching funds	Total funding (proposed)
	3.5596%	Berkshire	\$ 7,070,426	\$ 1,767,607	\$ 8,838,033
	42.9671%	Boston	\$ 85,345,463	\$ 21,336,366	\$ 106,681,829
	4.5851%	Cape Cod	\$ 9,107,375	\$ 2,276,844	\$ 11,384,218
	8.6901%	Central Mass	\$ 17,261,128	\$ 4,315,282	\$ 21,576,410
	2.5397%	Franklin	\$ 5,044,601	\$ 1,261,150	\$ 6,305,751
	0.3100%	Martha's Vineyard	\$ 615,752	\$ 153,938	\$ 769,690
	4.4296%	Merrimack Valley	\$ 8,798,505	\$ 2,199,626	\$ 10,998,132
	4.4596%	Montachusett	\$ 8,858,094	\$ 2,214,524	\$ 11,072,618
	0.2200%	Nantucket	\$ 436,986	\$ 109,246	\$ 546,232
	3.9096%	Northern Middlesex	\$ 7,765,631	\$ 1,941,408	\$ 9,707,038
	4.5595%	Old Colony	\$ 9,056,526	\$ 2,264,131	\$ 11,320,657
	10.8099%	Pioneer Valley	\$ 21,471,682	\$ 5,367,921	\$ 26,839,603
	8.9601%	Southeastern Mass	\$ 17,797,428	\$ 4,449,357	\$ 22,246,785
<i>Total funding of regional priorities</i>			\$ 198,629,796	\$ 49,657,399	\$ 248,286,997

**FFY 2019-2023 STIP
2022 BUDGET**

Highway Division programs	\$	356,721,470	\$	81,970,711	\$	438,692,181
Reliability programs	\$	250,221,470	\$	57,429,045	\$	307,650,514
Bridge program	\$	158,167,945	\$	39,541,986	\$	197,709,931
<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	\$	25,455,028
Non-interstate DOT pavement program	\$	51,144,000	\$	12,786,000	\$	63,930,000
Roadway improvements program	\$	1,000,000	\$	250,000	\$	1,250,000
Safety improvements program	\$	17,000,000	\$	2,305,556	\$	19,305,556
Modernization programs	\$	78,500,000	\$	17,541,667	\$	96,041,667
ADA retrofits program	\$	-	\$	-	\$	-
Intersection improvements program	\$	15,000,000	\$	1,666,667	\$	16,666,667
Intelligent Transportation Systems program	\$	8,000,000	\$	2,000,000	\$	10,000,000
Roadway reconstruction program	\$	55,500,000	\$	13,875,000	\$	69,375,000
Expansion programs	\$	28,000,000	\$	7,000,000	\$	35,000,000
Bicycles and pedestrians program	\$	28,000,000	\$	7,000,000	\$	35,000,000
Capacity program	\$	-	\$	-		

**FFY 2019-2023 STIP
2023 BUDGET**

			Obligation authority (federal aid only)	Matching funds	FFY 2023 (Proposed) (federal aid + match)
Base obligation authority			\$ 676,662,005		
Planned redistribution request			\$ 50,000,000		
Total Estimated Funding Available			\$ 726,662,005		
ABP GANS Repayment			\$ (93,985,000)		
Total non-earmarked funding available			\$ 632,677,005	\$ 150,023,500	\$ 782,700,504
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
<i>subtotal of planning / adjustments / pass-throughs</i>			\$ 48,543,689	\$ 11,858,144	\$ 60,401,833
Funding for regional priorities	regional share %	MPO	Total federal aid	Matching funds	Total funding (proposed)
	3.5596%	Berkshire	\$ 7,224,850	\$ 1,806,213	\$ 9,031,063
	42.9671%	Boston	\$ 87,209,479	\$ 21,802,370	\$ 109,011,849
	4.5851%	Cape Cod	\$ 9,306,287	\$ 2,326,572	\$ 11,632,859
	8.6901%	Central Mass	\$ 17,638,125	\$ 4,409,531	\$ 22,047,657
	2.5397%	Franklin	\$ 5,154,779	\$ 1,288,695	\$ 6,443,474
	0.3100%	Martha's Vineyard	\$ 629,201	\$ 157,300	\$ 786,501
	4.4296%	Merrimack Valley	\$ 8,990,672	\$ 2,247,668	\$ 11,238,340
	4.4596%	Montachusett	\$ 9,051,563	\$ 2,262,891	\$ 11,314,453
	0.2200%	Nantucket	\$ 446,530	\$ 111,632	\$ 558,162
	3.9096%	Northern Middlesex	\$ 7,935,238	\$ 1,983,810	\$ 9,919,048
	4.5595%	Old Colony	\$ 9,254,328	\$ 2,313,582	\$ 11,567,910
	10.8099%	Pioneer Valley	\$ 21,940,642	\$ 5,485,160	\$ 27,425,802
	8.9601%	Southeastern Mass	\$ 18,186,139	\$ 4,546,535	\$ 22,732,674
<i>Total funding of regional priorities</i>			\$ 202,968,036	\$ 50,741,958	\$ 253,709,792

**FFY 2019-2023 STIP
2023 BUDGET**

Highway Division programs	\$	381,165,279	\$	87,423,397	\$	468,588,676
Reliability programs	\$	267,601,252	\$	61,384,440	\$	326,834,487
Bridge program	\$	166,996,123	\$	41,749,031	\$	207,515,202
<i>Inspections</i>			\$	-	\$	-
<i>Systematic maintenance</i>	\$	8,629,176	\$	2,157,294	\$	10,722,914
<i>On-system NHS</i>	\$	94,900,000	\$	23,725,000	\$	118,625,000
<i>On-System Non-NHS</i>	\$	9,815,687	\$	2,453,922	\$	12,197,315
<i>Off-system</i>	\$	28,500,000	\$	7,125,000	\$	35,625,000
Interstate pavement program	\$	24,711,290	\$	2,745,699	\$	27,456,989
Non-interstate DOT pavement program	\$	56,414,722	\$	14,103,681	\$	70,518,403
Roadway improvements program	\$	1,142,119	\$	285,530	\$	1,427,648
Safety improvements program	\$	18,336,998	\$	2,500,500	\$	20,837,498
Modernization programs	\$	84,673,787	\$	18,816,397	\$	102,880,407
ADA retrofits program	\$	1,400,000	\$	350,000	\$	1,750,000
Intersection improvements program	\$	16,934,757	\$	1,881,640	\$	18,705,529
Intelligent Transportation Systems program	\$	8,000,000	\$	2,000,000	\$	10,000,000
Roadway reconstruction program	\$	58,339,029	\$	14,584,757	\$	72,424,878
Expansion programs	\$	28,890,241	\$	7,222,560	\$	36,112,801
Bicycles and pedestrians program	\$	28,890,241	\$	7,222,560	\$	36,112,801
Capacity program	\$	-	\$	-	\$	-

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. FTA provides financial assistance for transportation services that are 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 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 by MassDOT under the Section 5310 program through an application process.

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 the state matching funds that are required for 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	2019-2023 total funding programmed:
Brockton Area Transit	
Berkshire Regional Transit Authority	\$39,465,000
Cape Ann Transit Authority	
Cape Cod Regional Transit Authority	\$3,961,362
Franklin Regional Transit Authority	\$3,911,250
Greater Attleboro-Taunton Regional Transit Authority	\$62,646,228
Lowell Regional Transit Authority	\$6,637,028
Massachusetts Bay Transportation Authority	\$44,254,911
Merrimack Valley Regional Transit Authority	\$3,224,119,749
MetroWest Regional Transit Authority	\$64,211,060
Montachusett Regional Transit Authority	
Nantucket Regional Transit Authority	\$41,671,228
Pioneer Valley Regional Transit Authority	\$10,891,345
Southeastern Regional Transit Authority	\$30,212,119
Vineyard Transit Authority	
Worcester Regional Transit Authority	\$10,491,880
MassDOT	\$149,407,952
Total	\$77,048,614
	\$29,415,000
	\$100,863,940,728
	\$ 3,975,417,394

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 Readiness Day” in which recommendations are made to each MPO’s 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 scoring of projects and public input, 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 who provide feedback. Finally, the MPO meets to formally endorse the TIP.

**Boston MPO utilizes a thirty-day public comment period*

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: <https://www.mass.gov/service-details/state-transportation-improvement-program-stip> and MPOs are requested to inform their stakeholders of the opportunity to comment. The STIP webpage provides an option for members of the public to sign up for notifications of changes to the STIP, which is an important 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 for 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 member 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: <https://www.mass.gov/service-details/state-transportation-improvement-program-stip>

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 an evaluation system which started in 2016. This evaluation system is multimodal and was an outcome of the Project Selection Advisory Council which was established by the Legislature. 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 ensure that the views and opinions of all transportation users are considered in 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). 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 (OPMI), 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. The sub-committee coordination has assisted in MPO adoption of MassDOT’s safety measures in February 2018 (established in August 2017). Sub-committee work continued through the establishment of PM2 and PM3 measure targets, in preparation for MassDOT’s federal reporting by October 1, 2018. The MPOs are currently in the process of adopting PM2 and PM3 measure targets, to be finalized in November 2018.

The Federal Highway Administration's (FHWA) Performance Measures (PM) established under MAP-21 and continued under the FAST Act are described below:

FHWA Performance Measures	Targets	Target Setting Deadline (MassDOT)
Safety (PM1)	-Serious Injuries/Fatalities by Calendar Year, (five year rolling averages and rates per 100m VMT)	<i>Established August 30, 2017</i> Interval: Each Calendar Year
NHS Bridge and Pavement Condition (PM2)	-% pavement lane miles, % bridge deck in good and poor condition	May 30, 2018 Interval: 2 and 4 yrs.
CMAQ and Freight (PM3)	-truck travel time reliability (TTTR) and level of travel time reliability (LOTTR) -peak hour excessive delay (PHED) by Urbanized Zone Area (UZA) -% non SOV travel by UZA -air pollutant emissions	May 30, 2018 Interval: 2 and 4 years.

Safety Performance Measures (PM1)

In all safety categories, MassDOT has established a long-term target of “Toward Zero Deaths” through MassDOT’s Performance Measures Tracker and will be establishing safety targets for the MPO to consider for adoption each calendar year. While MPOs are not required by FHWA to report on annual safety performance targets, FHWA guidelines require MPOs to adopt MassDOT’s annual targets or perennially establish their own.








The safety measures MassDOT established in August 2017 for calendar year (CY) 2018, and that all thirteen (13) MPOs have adopted in February 2018, are as follows:

- 1) **Fatalities:** The target number of fatalities for years CY 2018 is 352.3, down from an average of 361 fatalities for the years 2011-2015.
- 2) **Rate of Fatalities per 100 million VMT:** The target fatality rate for year CY 2018 is 0.611, down from an average of 0.641 for years 2011-2015.
- 3) **Serious Injuries:** The target number of serious injuries for CY 2018 is 2895.9, down from the average of 3251.8 for years 2011-2015.
- 4) **Rate of Serious Injuries per 100 million VMT:** The target serious injury rate for CY2018 is 5.01 per year, down from the 5.78 average rate for years 2011-2015.
- 5) **Total Number of Combined Serious Injuries and Fatalities for Non-Motorized Modes:** The CY2018 target number of fatalities and serious injuries for non-motorists is 540.8 per year, the same as the average for years 2011-2015.

MassDOT is currently in the process of updating the [2013 Strategic Highway Safety Plan](#) which will provide a new framework for reducing fatalities and serious injuries on the state's surface transportation network and assist in identifying emphasis areas to address safety concerns. In addition, MassDOT, the MPOs and our municipal partners have continued investing in "Complete Streets," bicycle and pedestrian, intersection and safety improvements in both the Capital Investment Plan (CIP) and Statewide Transportation Improvement Program (STIP) that address increasing mode share while incorporating safety mitigation elements into projects. In the FFY 2019-2023 STIP, there is nearly \$125 million in safety improvement program investments alone that have been identified.

Moving forward, MassDOT, along with the MPOs, is actively seeking to improve data collection and methodology for bicycle and pedestrian vehicle miles traveled (VMT) counts, and to continue analyzing crash clusters and counts that include both motorized and non-motorized modes in order to address safety issues at these locations. Part of the efforts to mitigate safety concerns at conflict points includes coordination with our regional partners on the development of the statewide bike plan and statewide pedestrian plan.

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

Transit Asset Management (TAM)

MassDOT's Rail and Transit Division is also working with our fifteen Regional Transit Authority (RTA) partners and the MBTA on the development of performance measures through Transit Asset Management (TAM) Plans that will be completed in October, 2018. MAP-21 mandated that Federal Transit Administration (FTA) develop a rule establishing a strategic and systematic process of operating, maintaining, and improving public capital assets effectively through their entire life cycle. MassDOT is currently finalizing a group TAM plan for §5310 sub-grantees and one §5311 recipient, Franklin Regional Transit Authority (FRTA). The group TAM plan was initiated by MassDOT contacting §5310 sub-recipients and requesting updates to their inventory along with mileage and condition rating for each asset. With the updated inventories, MassDOT ascertained the average age and average condition of member assets to assist in determining the TAM targets.

RTAs not included in the group plan have also established targets that are currently in the process of being adopted by their respective MPOs. The Massachusetts Bay Transit Authority (MBTA) submitted SFY 18 targets to the Boston Region MPO, which were adopted in May, 2018 and can be found within Boston Region MPO's TIP: http://ctps.org/data/pdf/plans/tip/FFYs_2019-2023_Final_TIP_20180605.pdf. To facilitate future target setting, the MBTA's Department of Asset Management is currently establishing condition assessment standards which will be incorporated into future capital investment decisions.

The following measures were established under the TAM Final Rule 49 USC 625 which became effective Oct. 1, 2016 and are incorporated into each RTA's TAM plans.

FTA Asset Categories	Performance Measures	Measure Type
Rolling Stock	The percentage of revenue vehicles (by type) that exceed the useful life benchmark (ULB)	Age-based
Equipment	The percentage of non-revenue service vehicles (by type) that exceed the ULB	Age-based
Facilities	The percentage of facilities (by group) that are rated less than 3.0 on the Transit Economic Requirements Model (TERM) Scale.	Condition-based
Infrastructure	The percentage of track segments (by mode) that have performance restrictions. Track segments are measured to the nearest 0.01 of a mile	Performance-based

The RTAs have utilized baseline levels established on historical data and planned capital investments to set initial TAM targets. Performance measure target setting exercises are ongoing and will be revised based on projected capital investments, in coordination with MassDOT's Rail and Transit Division and MPO boards.

Models of Regional Planning Cooperation

This initiative from FHWA and FTA 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 OTP, FHWA and FTA.

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

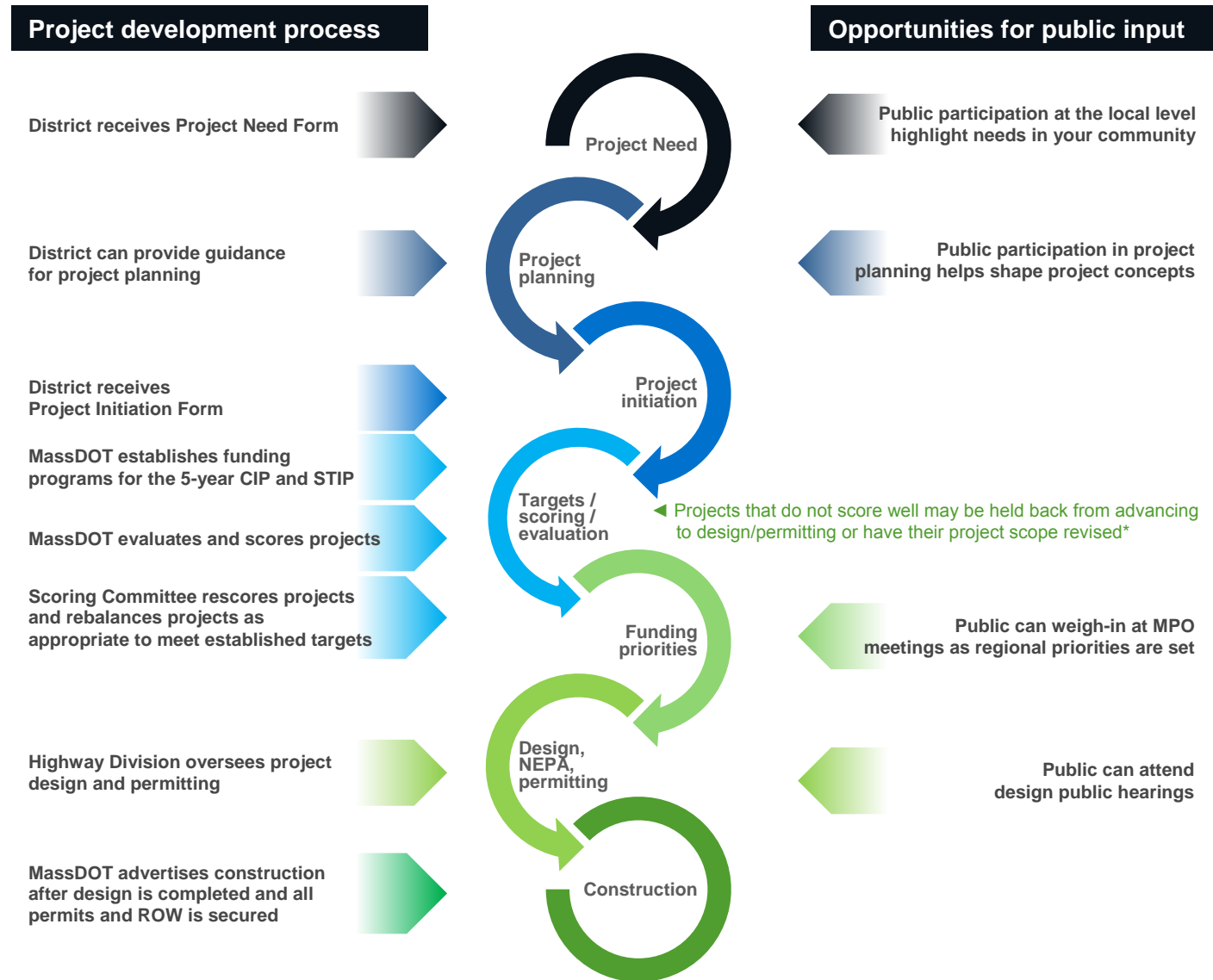
Over the course of the past year, the MPOs have held, or been a part of, many public meetings to discuss the development of their respective TIPs across the Commonwealth. These meetings provide an opportunity for members of the public, elected officials, and other stakeholders to weigh-in on regional 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, and of the public at large. 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.mass.gov/service-details/regional-planning> 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 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 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 <https://www.mass.gov/topics/diversity-civil-rights-in-transportation>.

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 4.

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 2019-2023 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 19-23 CIP increases investments in the Interstate and Non-Interstate pavement programs to \$940 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 19-23 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 investments for the MBTA emphasizes improved reliability as well as modernization of the transportation network, with an annual spending of approximately \$1.3 billion in FY 19 and close to \$8 billion over the next five state fiscal years (FY19 – FY 23). The programmed investments support the MBTA's strategic plan goals of accelerating state of good repair (SGR) investment and executing major modernization projects such as the red line/orange line improvement program (including new red/orange line vehicles, signal systems, and supporting facilities and infrastructure) and the commuter rail safety and resiliency program (including positive train control – PTC).

Within the Reliability priority, \$1.3 billion over five years is designated for the revenue vehicle program, which includes vehicle procurement and overhaul programs for bus, heavy rail, light rail, and commuter rail locomotives and coaches to address in the near term needs identified in the MBTA's Integrated Fleet and Facilities Plan (IFFP). More than \$900 million is programmed for track, signal, and power projects on the transit and the commuter rail systems, including over \$300 million for green line track and signal upgrades. Reliability investments also include \$770 million for upgrades to stations and facilities, including, Harvard Square busway, Hynes station, Wollaston station, parking garages on the Red Line, and the Ruggles commuter rail stations. The MBTA's \$545 million bridge program includes \$82 million for the Gloucester drawbridge and \$149 million for the North Station "Draw 1" bridge.

In addition, the capital plan includes funding for Modernization projects such as Automated Fare Collection (AFC) 2.0, accessibility improvements, occupational health and safety investments, green line train protection, and targeted Expansion investments such as the Green Line Extension (GLX) and the Silver Line Gateway project.

MassDOT will continue to provide the Commonwealth's 15 Regional Transit Authorities with an aggregate total of \$20-35 million annually in capital assistance to further enhance their reliability of service. The CIP calls for \$65 million for vehicle replacement, \$24 million for facility and system modernization, \$9.1 million for facility and vehicle maintenance and \$36.8 million for replacement facilities. Through the Mobility Assistance program, MassDOT provides an additional \$44.1 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. There is currently \$1.0 billion forecasted for Chapter 90 over the next five state fiscal years in MassDOT's CIP for investments 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, STBG, etc.) for each year. OA is defined as the total amount of federal funds that may be obligated in a given fiscal year. While the STIP is initially not fully programmed to the estimated OA, MassDOT fully obligates to the limitation provided by our FHWA partners through project value changes, awards and adjustments by the end of the FFY.

Year of Expenditure (YOE) is a mechanism to ensure that inflation is considered in project cost estimates. Each year after 2019, a four percent inflation factor is applied to project cost estimates.

FAST Act Rescission

Pursuant to §1438 of the FAST Act, certain unobligated balances at the close of FFY 2019 will be subject to rescission by USDOT. For Massachusetts, an estimated rescission rate of 92% of unobligated balances will be applied to the following funding sources: NHPP; NHFP; STBG (Flex); STBG Bridge-Off System; TAP (Flex); TAP (Non-Flex); CMAQ; and Statewide Planning and Research (SPR) funds. Given that unobligated balances will continue to change until 9/30/2019, the rescission amounts shown in the subsequent fiscal constraint tables are for planning purposes only. Actual rescission amounts by state or funding source may be higher or lower than the estimated amounts.

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)
2019	\$108,367,772	\$94,900,000
2020	\$104,517,828	\$94,900,000
2021	\$103,738,856	\$94,900,000
2022	\$103,201,256	\$94,900,000
2023	\$97,603,397	\$94,900,000

MassDOT Fiscal Constraint Analysis for FFY 2019 -2023
Estimated Final STIP

Federal Fiscal Year 2019				2019-2023 STIP, 92% Rescission		
FUNDING CATEGORY	I ANTICIPATED NET APPORTIONMENTS OF FEDERAL FUNDS	II ACTUAL 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	\$330,408,738	\$2,052,831	(\$19,000,000)	\$313,461,569	\$313,206,036	\$255,533
NATIONAL HIGHWAY FREIGHT PROGRAM	\$20,183,090	\$11,240,671	(\$10,000,000)	\$21,423,761	\$4,533,925	\$16,889,836
STP FLEX	\$44,510,150	\$7,561,590	\$1,500,000	\$53,571,740	\$53,165,298	\$406,442
BRIDGE-OFF SYSTEM	\$28,456,838	\$68,434,615		\$96,891,453	\$23,184,907	\$73,706,546
STP NON-FLEX	\$85,656,899	\$13,634,407		\$99,291,306	\$65,670,473	\$33,620,833
-BOSTON URBAN AREA	\$53,475,919	\$12,912		\$53,488,831	\$46,459,319	\$7,029,512
-BARNSTABLE URBAN AREA	\$3,227,295	\$4,642,512		\$7,869,807	\$3,232,418	\$4,637,389
-SPRINGFIELD, CHICOPEE, HOLYOKE	\$6,954,313	\$1,430,932		\$8,385,245	\$2,098,098	\$6,287,147
-WORCESTER URBAN AREA	\$5,933,869	\$0		\$5,933,869	\$0	\$5,933,869
-PROVIDENCE, PAWTUCKET	\$3,404,963	\$7,040,962		\$10,445,925	\$1,200,000	\$9,245,925
-OTHER AREAS (RURAL & SMALL URBAN)	\$12,660,540	\$507,089		\$13,167,629	\$12,680,638	\$486,991
STP-ENHANCEMENT	\$0	\$0	\$0	\$0	\$0	\$0
SAFE ROUTES TO SCHOOLS PGM.	\$0	\$0		\$0	\$0	\$0
RECREATIONAL TRAILS	\$1,186,729	\$1,320,913		\$2,507,642	\$2,507,642	\$0
TAP FLEX	\$5,483,782	\$3,736,092	\$0	\$9,219,874	\$5,535,746	\$3,684,128
TAP NON-FLEX	\$5,483,782	\$3,606,808		\$9,090,591	\$1,021,022	\$8,069,569
-BOSTON URBAN AREA	\$3,423,546	\$0		\$3,973,580	\$511,159	\$3,462,421
-BARNSTABLE URBAN AREA	\$206,613	\$473,882		\$680,495	\$64,647	\$615,848
-SPRINGFIELD, CHICOPEE, HOLYOKE	\$445,217	\$0		\$445,217	\$445,216	\$1
-WORCESTER URBAN AREA	\$379,888	\$69,722		\$449,610	\$0	\$449,610
-PROVIDENCE, PAWTUCKET	\$217,987	\$0		\$217,987	\$0	\$217,987
-OTHER AREAS (RURAL & SMALL URBAN)	\$810,532	\$3,063,204		\$3,873,736	\$0	\$3,873,736
HWY SAFETY IMPROVEMENT PGM.	\$34,610,356	\$4,434,862	\$17,000,000	\$56,045,218	\$41,257,229	\$14,787,989
HSIP - High Risk Rural	\$0	\$4,431,502		\$4,431,502	\$0	\$4,431,502
RLWY/HWY CROSSINGS- HAZARD ELIMINATION	\$1,318,453	\$4,830,293	\$0	\$6,148,746	\$2,000,000	\$4,148,746
RLWY/HWY CROSSINGS- PROTECTIVE DEVICES	\$1,318,453	\$2,571,290	\$0	\$3,889,743	\$1,800,000	\$2,089,743
CMAQ	\$65,572,292	\$24,636,965	\$10,500,000	\$100,709,257	\$100,075,137	\$634,120
PLANNING	\$22,386,380	\$32,825,922	\$0	\$55,212,302	\$22,696,960	\$32,515,342
FEDERAL AID SUB-TOTAL:	\$646,575,942	\$185,318,809	\$0	\$831,894,751	\$636,654,375	\$195,240,326

Estimated Obligation Authority	\$661,680,000
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MassDOT Fiscal Constraint Analysis for FFY 2019 -2023
Estimated Final STIP

Federal Fiscal Year 2019				2019-2023 STIP, 92% Rescission		
FUNDING CATEGORY	I ANTICIPATED NET APPORTIONMENTS OF FEDERAL FUNDS	II ACTUAL CARRYOVER BALANCE	III ANTICIPATED TRANSFER OF FUNDS	IV TOTAL FUNDS AVAILABLE (10/1) SUBJECT TO OBLIGATION AUTHORITY	V PROGRAMMED OBLIGATIONS	VI ESTIMATED BALANCE REMAINING
EARMARKS	\$0	\$63,426,011		\$67,229,020	\$18,379,917	\$48,849,103
HIP FLEX	\$0	\$0		\$14,380,659	\$0	\$14,380,659
HIP NON-FLEX	\$0	\$13,837,729		\$13,837,729	\$0	\$13,837,729
-BOSTON URBAN AREA	\$0	\$10,124,012		\$10,124,012	\$0	\$10,124,012
-BARNSTABLE URBAN AREA	\$0	\$610,989		\$610,989	\$0	\$610,989
-SPRINGFIELD, CHICOPEE, HOLYOKE	\$0	\$1,316,584		\$1,316,584	\$0	\$1,316,584
-WORCESTER URBAN AREA	\$0	\$1,123,395		\$1,123,395	\$0	\$1,123,395
-PROVIDENCE, PAWTUCKET	\$0	\$644,625		\$644,625	\$0	\$644,625
-OTHER AREAS (RURAL & SMALL URBAN)	\$0	\$18,124		\$18,124	\$0	\$18,124
NHPP-EXEMPT	\$8,752,017	\$17,017,838		\$25,769,855	\$0	\$25,769,855
MISCELLANEOUS / ALLOCATED FUNDS	\$1,574,611	\$22,155,579		\$23,730,190	\$2,819,129	\$20,911,061
FEDERAL AID TOTAL >	\$656,902,570	\$301,755,965	\$0	\$976,842,203	\$657,853,421	\$318,988,732
STATE MATCH FOR FEDERAL AID					\$138,272,649	
NON-FEDERAL AID + FEDERAL AID TOTAL >					\$796,126,070	

MassDOT Fiscal Constraint Analysis for FFY 2019 -2023
Estimated Final STIP

Federal Fiscal Year 2020				2019-2023 STIP, 92% Rescission		
FUNDING CATEGORY	I ANTICIPATED NET APPORTIONMENTS OF FEDERAL FUNDS	II ESTIMATED CARRYOVER BALANCE MINUS ESTIMATED RESCISSION (92%)	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	\$20,443	\$11,500,000	\$349,567,695	\$339,483,073	\$10,084,622
NATIONAL HIGHWAY FREIGHT PROGRAM	\$22,458,721	\$1,351,187	\$0	\$23,809,908	\$11,756,885	\$12,053,023
STP FLEX	\$44,733,390	\$32,515	\$0	\$44,765,905	\$24,758,775	\$20,007,130
BRIDGE-OFF SYSTEM	\$28,456,838	\$5,896,524		\$34,353,362	\$33,079,086	\$1,274,276
STP NON-FLEX	\$89,454,723	\$33,620,833		\$123,075,556	\$121,374,347	\$1,701,209
-BOSTON URBAN AREA	\$55,846,914	\$7,029,512		\$62,876,426	\$62,876,426	\$0
-BARNSTABLE URBAN AREA	\$3,370,385	\$4,637,389		\$8,007,774	\$7,595,411	\$412,363
-SPRINGFIELD, CHICOPEE, HOLYOKE	\$7,262,652	\$6,287,147		\$13,549,799	\$13,549,799	\$0
-WORCESTER URBAN AREA	\$6,196,962	\$5,933,869		\$12,130,831	\$12,130,831	\$0
-PROVIDENCE, PAWTUCKET	\$3,555,931	\$9,245,925		\$12,801,856	\$12,000,000	\$801,856
-OTHER AREAS (RURAL & SMALL URBAN)	\$13,221,879	\$486,991		\$13,708,870	\$13,221,880	\$486,990
STP-ENHANCEMENT	\$0	\$0	\$0	\$0	\$0	\$0
SAFE ROUTES TO SCHOOLS PGM.	\$0	\$0		\$0	\$0	\$0
RECREATIONAL TRAILS	\$1,186,729	\$0		\$1,186,729	\$1,186,729	\$0
TAP FLEX	\$5,483,782	\$294,730	\$0	\$5,778,512	\$5,510,580	\$267,932
TAP NON-FLEX	\$5,483,782	\$645,565		\$6,129,347	\$4,398,470	\$1,730,877
-BOSTON URBAN AREA	\$3,423,546	\$276,994		\$3,700,539	\$3,423,545	\$276,994
-BARNSTABLE URBAN AREA	\$206,613	\$49,268		\$255,880	\$164,647	\$91,233
-SPRINGFIELD, CHICOPEE, HOLYOKE	\$445,217	\$0		\$445,217	\$400,000	\$45,217
-WORCESTER URBAN AREA	\$379,888	\$35,969		\$415,857	\$410,278	\$5,579
-PROVIDENCE, PAWTUCKET	\$217,987	\$17,439		\$235,426	\$0	\$235,426
-OTHER AREAS (RURAL & SMALL URBAN)	\$810,531	\$309,899		\$1,120,430	\$0	\$1,120,430
HWY SAFETY IMPROVEMENT PGM.	\$35,367,782	\$14,787,989	(\$11,500,000)	\$38,655,770	\$27,129,164	\$11,526,606
HSIP - High Risk Rural	\$0	\$4,431,502		\$4,431,502	\$0	\$4,431,502
RLWY/HWY CROSSINGS- HAZARD ELIMINATION	\$1,346,508	\$4,148,746	\$0	\$5,495,253	\$1,000,000	\$4,495,253
RLWY/HWY CROSSINGS- PROTECTIVE DEVICES	\$1,346,508	\$2,089,743	\$0	\$3,436,250	\$1,000,000	\$2,436,250
CMAQ	\$67,002,744	\$50,730	\$0	\$67,053,474	\$60,454,808	\$6,598,666
PLANNING	\$22,707,173	\$2,601,227	\$0	\$25,308,400	\$22,696,960	\$2,611,440
FEDERAL AID SUB-TOTAL:	\$663,075,930	\$69,971,733	\$0	\$733,047,663	\$653,828,877	\$79,218,786

Note: An estimated rescission rate of 92% of unobligated balances have been applied to the following funding sources:
NHPP; NHFP; STBG (Flex); STBG Bridge-Off System; TAP (Flex); TAP (Non-Flex); CMAQ; and Planning.
The rescission amounts shown in this table are for planning purposes only. Actual rescission amounts by state or funding source may be higher or lower than the estimated amounts.

Estimated Obligation Authority	\$676,330,000
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Federal Fiscal Year 2020				2019-2023 STIP, 92% Rescission		
FUNDING CATEGORY	I ANTICIPATED NET APPORTIONMENTS OF FEDERAL FUNDS	II ESTIMATED CARRYOVER BALANCE MINUS ESTIMATED RESCISSION	III ANTICIPATED TRANSFER OF FUNDS	IV TOTAL FUNDS AVAILABLE (10/1) SUBJECT TO OBLIGATION AUTHORITY	V PROGRAMMED OBLIGATIONS	VI ESTIMATED BALANCE REMAINING
EARMARKS	\$0	\$48,849,103		\$48,849,103	\$462,504	\$48,386,599
HIP FLEX	\$0	\$14,380,659		\$14,380,659	\$0	\$14,380,659
HIP NON-FLEX	\$0	\$13,837,729		\$13,837,729	\$0	\$13,837,729
-BOSTON URBAN AREA	\$0	\$10,124,012		\$10,124,012	\$0	\$10,124,012
-BARNSTABLE URBAN AREA	\$0	\$610,989		\$610,989	\$0	\$610,989
-SPRINGFIELD, CHICOPEE, HOLYOKE	\$0	\$1,316,584		\$1,316,584	\$0	\$1,316,584
-WORCESTER URBAN AREA	\$0	\$1,123,395		\$1,123,395	\$0	\$1,123,395
-PROVIDENCE, PAWTUCKET	\$0	\$644,625		\$644,625	\$0	\$644,625
-OTHER AREAS (RURAL & SMALL URBAN)	\$0	\$18,124		\$18,124	\$0	\$18,124
NHPP-EXEMPT	\$9,286,246	\$25,769,855		\$35,056,100	\$0	\$35,056,100
MISCELLANEOUS / ALLOCATED FUNDS	\$344,611	\$20,911,061		\$21,255,672	\$0	\$21,255,672
FEDERAL AID TOTAL >	\$672,706,786	\$193,720,139	\$0	\$866,426,925	\$654,291,381	\$212,135,544
STATE MATCH FOR FEDERAL AID					\$133,834,836	
NON-FEDERAL AID + FEDERAL AID TOTAL >					\$788,126,217	

MassDOT Fiscal Constraint Analysis for FFY 2019 -2023
Estimated Final STIP

Federal Fiscal Year 2021				2019-2023 STIP, 92% Rescission		
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	\$10,084,622	\$14,500,000	\$362,631,875	\$324,515,878	\$38,115,997
NATIONAL HIGHWAY FREIGHT PROGRAM	\$22,458,721	\$12,053,023	(\$11,000,000)	\$23,511,743	\$2,021,285	\$21,490,458
STP FLEX	\$44,733,390	\$20,007,130	\$8,000,000	\$72,740,519	\$72,683,947	\$56,572
BRIDGE-OFF SYSTEM	\$28,456,838	\$1,274,276		\$29,731,114	\$28,363,114	\$1,368,000
STP NON-FLEX	\$89,454,723	\$1,701,209		\$91,155,932	\$90,668,941	\$486,991
-BOSTON URBAN AREA	\$55,846,914	\$0		\$55,846,914	\$55,846,914	\$0
-BARNSTABLE URBAN AREA	\$3,370,385	\$412,363		\$3,782,748	\$3,782,748	\$0
-SPRINGFIELD, CHICOPEE, HOLYOKE	\$7,262,652	\$0		\$7,262,652	\$7,262,652	\$0
-WORCESTER URBAN AREA	\$6,196,962	\$0		\$6,196,962	\$6,196,962	\$0
-PROVIDENCE, PAWTUCKET	\$3,555,931	\$801,856		\$4,357,787	\$4,357,787	\$0
-OTHER AREAS (RURAL & SMALL URBAN)	\$13,221,879	\$486,990		\$13,708,869	\$13,221,878	\$486,991
STP-ENHANCEMENT	\$0	\$0	\$0	\$0	\$0	\$0
SAFE ROUTES TO SCHOOLS PGM.	\$0	\$0		\$0	\$0	\$0
RECREATIONAL TRAILS	\$1,186,729	\$0		\$1,186,729	\$1,186,729	\$0
TAP FLEX	\$5,483,782	\$267,932	\$500,000	\$6,251,713	\$6,007,091	\$244,622
TAP NON-FLEX	\$5,483,782	\$1,730,877		\$7,214,658	\$4,820,618	\$2,394,040
-BOSTON URBAN AREA	\$3,423,546	\$276,994		\$3,700,540	\$3,423,546	\$276,994
-BARNSTABLE URBAN AREA	\$206,613	\$91,233		\$297,846	\$164,647	\$133,199
-SPRINGFIELD, CHICOPEE, HOLYOKE	\$445,217	\$45,217		\$490,434	\$400,000	\$90,434
-WORCESTER URBAN AREA	\$379,888	\$5,579		\$385,467	\$379,890	\$5,578
-PROVIDENCE, PAWTUCKET	\$217,987	\$235,426		\$453,413	\$452,535	\$878
-OTHER AREAS (RURAL & SMALL URBAN)	\$810,531	\$1,120,430		\$1,930,961	\$0	\$1,930,961
HWY SAFETY IMPROVEMENT PGM.	\$35,367,782	\$11,526,606	(\$14,000,000)	\$32,894,388	\$30,241,516	\$2,652,872
HSIP - High Risk Rural	\$0	\$4,431,502		\$4,431,502	\$0	\$4,431,502
RLWY/HWY CROSSINGS- HAZARD ELIMINATION	\$1,346,508	\$4,495,253	\$0	\$5,841,761	\$1,000,000	\$4,841,761
RLWY/HWY CROSSINGS- PROTECTIVE DEVICES	\$1,346,508	\$2,436,250	\$0	\$3,782,758	\$1,000,000	\$2,782,758
CMAQ	\$67,002,744	\$6,598,666	\$2,000,000	\$75,601,410	\$75,422,637	\$178,773
PLANNING	\$22,707,173	\$2,611,440	\$0	\$25,318,613	\$22,696,960	\$2,621,653
FEDERAL AID SUB-TOTAL:	\$663,075,930	\$79,218,786	\$0	\$742,294,715	\$660,628,716	\$81,665,999
Estimated Obligation Authority					\$691,990,000	

MassDOT Fiscal Constraint Analysis for FFY 2019 -2023
Estimated Final STIP

Federal Fiscal Year 2021				2019-2023 STIP, 92% Rescission		
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
EARMARKS	\$0	\$48,386,599		\$48,386,599	\$8,084,944	\$40,301,655
HIP FLEX	\$0	\$14,380,659		\$14,380,659	\$0	\$14,380,659
HIP NON-FLEX	\$0	\$13,837,729		\$13,837,729	\$0	\$13,837,729
-BOSTON URBAN AREA	\$0	\$10,124,012		\$10,124,012	\$0	\$10,124,012
-BARNSTABLE URBAN AREA	\$0	\$610,989		\$610,989	\$0	\$610,989
-SPRINGFIELD, CHICOPEE, HOLYOKE	\$0	\$1,316,584		\$1,316,584	\$0	\$1,316,584
-WORCESTER URBAN AREA	\$0	\$1,123,395		\$1,123,395	\$0	\$1,123,395
-PROVIDENCE, PAWTUCKET	\$0	\$644,625		\$644,625	\$0	\$644,625
-OTHER AREAS (RURAL & SMALL URBAN)	\$0	\$18,124		\$18,124	\$0	\$18,124
NHPP-EXEMPT	\$9,286,246	\$35,056,100		\$44,342,346	\$12,300,802	\$32,041,544
MISCELLANEOUS / ALLOCATED FUNDS	\$344,611	\$21,255,672		\$21,600,283	\$0	\$21,600,283
FEDERAL AID TOTAL >	\$672,706,786	\$212,135,544	\$0	\$884,842,331	\$681,014,462	\$203,827,869
STATE MATCH FOR FEDERAL AID					\$142,693,361	
NON-FEDERAL AID + FEDERAL AID TOTAL >					\$823,707,823	
NOTES: MISCELLANEOUS / OTHER / UNDETERMINED Apportionment Includes estimated NHPP Exempt.						

MassDOT Fiscal Constraint Analysis for FFY 2019 -2023
Estimated Final STIP

Federal Fiscal Year 2022				2019-2023 STIP, 92% Rescission		
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	\$38,115,997	(\$7,000,000)	\$369,163,250	\$369,140,148	\$23,102
NATIONAL HIGHWAY FREIGHT PROGRAM	\$22,458,721	\$21,490,458	(\$11,000,000)	\$32,949,179	\$24,021,285	\$8,927,894
STP FLEX	\$44,733,390	\$56,572	\$13,000,000	\$57,789,962	\$56,660,168	\$1,129,794
BRIDGE-OFF SYSTEM	\$28,456,838	\$1,368,000	\$5,000,000	\$34,824,838	\$34,383,169	\$441,669
STP NON-FLEX	\$89,454,723	\$486,991		\$89,941,714	\$89,454,723	\$486,991
-BOSTON URBAN AREA	\$55,846,914	\$0		\$55,846,914	\$55,846,914	\$0
-BARNSTABLE URBAN AREA	\$3,370,385	\$0		\$3,370,385	\$3,370,385	\$0
-SPRINGFIELD, CHICOPEE, HOLYOKE	\$7,262,652	\$0		\$7,262,652	\$7,262,652	\$0
-WORCESTER URBAN AREA	\$6,196,962	\$0		\$6,196,962	\$6,196,962	\$0
-PROVIDENCE, PAWTUCKET	\$3,555,931	\$0		\$3,555,931	\$3,555,931	\$0
-OTHER AREAS (RURAL & SMALL URBAN)	\$13,221,879	\$486,991		\$13,708,870	\$13,221,879	\$486,991
STP-ENHANCEMENT	\$0	\$0	\$0	\$0	\$0	\$0
SAFE ROUTES TO SCHOOLS PGM.	\$0	\$0		\$0	\$0	\$0
RECREATIONAL TRAILS	\$1,186,729	\$0		\$1,186,729	\$1,186,729	\$0
TAP FLEX	\$5,483,782	\$244,622	\$0	\$5,728,404	\$1,143,779	\$4,584,625
TAP NON-FLEX	\$5,483,782	\$2,394,040		\$7,877,822	\$3,431,199	\$4,446,623
-BOSTON URBAN AREA	\$3,423,546	\$276,994		\$3,700,539	\$2,648,565	\$1,051,974
-BARNSTABLE URBAN AREA	\$206,613	\$133,199		\$339,812	\$164,647	\$175,165
-SPRINGFIELD, CHICOPEE, HOLYOKE	\$445,217	\$90,434		\$535,651	\$400,000	\$135,651
-WORCESTER URBAN AREA	\$379,888	\$5,578		\$385,466	\$0	\$385,466
-PROVIDENCE, PAWTUCKET	\$217,987	\$878		\$218,865	\$217,987	\$878
-OTHER AREAS (RURAL & SMALL URBAN)	\$810,531	\$1,930,961		\$2,741,492	\$0	\$2,741,492
HWY SAFETY IMPROVEMENT PGM.	\$35,367,782	\$2,652,872	\$0	\$38,020,654	\$27,371,112	\$10,649,542
HSIP - High Risk Rural	\$0	\$4,431,502		\$4,431,502	\$0	\$4,431,502
RLWY/HWY CROSSINGS- HAZARD ELIMINATION	\$1,346,508	\$4,841,761	\$0	\$6,188,268	\$1,000,000	\$5,188,268
RLWY/HWY CROSSINGS- PROTECTIVE DEVICES	\$1,346,508	\$2,782,758	\$0	\$4,129,265	\$1,000,000	\$3,129,265
CMAQ	\$67,002,744	\$178,773	\$0	\$67,181,517	\$59,614,176	\$7,567,341
PLANNING	\$22,707,173	\$21,578,965	\$0	\$44,286,138	\$22,696,960	\$21,589,178
FEDERAL AID SUB-TOTAL:	\$663,075,930	\$100,623,311	\$0	\$763,699,241	\$691,103,448	\$72,595,793

Estimated Obligation Authority \$708,740,000

Federal Fiscal Year 2022				2019-2023 STIP, 92% Rescission		
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
EARMARKS	\$0	\$40,301,655		\$40,301,655	\$512,000	\$39,789,655
HIP FLEX	\$0	\$14,380,659		\$14,380,659	\$0	\$14,380,659
HIP NON-FLEX	\$0	\$13,837,729		\$13,837,729	\$0	\$13,837,729
-BOSTON URBAN AREA	\$0	\$10,124,012		\$10,124,012	\$0	\$10,124,012
-BARNSTABLE URBAN AREA	\$0	\$610,989		\$610,989	\$0	\$610,989
-SPRINGFIELD, CHICOPEE, HOLYOKE	\$0	\$1,316,584		\$1,316,584	\$0	\$1,316,584
-WORCESTER URBAN AREA	\$0	\$1,123,395		\$1,123,395	\$0	\$1,123,395
-PROVIDENCE, PAWTUCKET	\$0	\$644,625		\$644,625	\$0	\$644,625
-OTHER AREAS (RURAL & SMALL URBAN)	\$0	\$18,124		\$18,124	\$0	\$18,124
NHPP-EXEMPT	\$9,286,246	\$32,041,544		\$41,327,789	\$0	\$41,327,789
MISCELLANEOUS / ALLOCATED FUNDS	\$344,611	\$21,600,283		\$21,944,894	\$0	\$21,944,894
FEDERAL AID TOTAL >	\$672,706,786	\$222,785,181	\$0	\$895,491,967	\$691,615,448	\$203,876,519
STATE MATCH FOR FEDERAL AID					\$144,315,657	
NON-FEDERAL AID + FEDERAL AID TOTAL >					\$835,931,105	

MassDOT Fiscal Constraint Analysis for FFY 2019 -2023
Estimated Final STIP

Federal Fiscal Year 2023				2019-2023 STIP, 92% Rescission		
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	\$23,102	\$13,000,000	\$351,070,354	\$350,945,138	\$125,216
NATIONAL HIGHWAY FREIGHT PROGRAM	\$22,458,721	\$8,927,894	(\$7,000,000)	\$24,386,615	\$24,000,000	\$386,615
STP FLEX	\$44,733,390	\$1,129,794	\$14,000,000	\$59,863,183	\$59,480,931	\$382,252
BRIDGE-OFF SYSTEM	\$28,456,838	\$441,669	\$2,000,000	\$30,898,507	\$30,262,646	\$635,861
STP NON-FLEX	\$89,454,723	\$486,991		\$89,941,714	\$89,454,723	\$486,991
-BOSTON URBAN AREA	\$55,846,914	\$0		\$55,846,914	\$55,846,914	\$0
-BARNSTABLE URBAN AREA	\$3,370,385	\$0		\$3,370,385	\$3,370,385	\$0
-SPRINGFIELD, CHICOPEE, HOLYOKE	\$7,262,652	\$0		\$7,262,652	\$7,262,652	\$0
-WORCESTER URBAN AREA	\$6,196,962	\$0		\$6,196,962	\$6,196,962	\$0
-PROVIDENCE, PAWTUCKET	\$3,555,931	\$0		\$3,555,931	\$3,555,931	\$0
-OTHER AREAS (RURAL & SMALL URBAN)	\$13,221,879	\$486,991		\$13,708,870	\$13,221,879	\$486,991
STP-ENHANCEMENT	\$0	\$0	\$0	\$0	\$0	\$0
SAFE ROUTES TO SCHOOLS PGM.	\$0	\$0		\$0	\$0	\$0
RECREATIONAL TRAILS	\$1,186,729	\$0		\$1,186,729	\$1,186,729	\$0
TAP FLEX	\$5,483,782	\$4,584,625	\$0	\$10,068,406	\$3,526,471	\$6,541,935
TAP NON-FLEX	\$5,483,782	\$4,446,623		\$9,930,404	\$3,834,135	\$6,096,269
-BOSTON URBAN AREA	\$3,423,546	\$1,051,974		\$4,475,520	\$2,879,959	\$1,595,561
-BARNSTABLE URBAN AREA	\$206,613	\$175,165		\$381,777	\$336,189	\$45,588
-SPRINGFIELD, CHICOPEE, HOLYOKE	\$445,217	\$135,651		\$580,868	\$400,000	\$180,868
-WORCESTER URBAN AREA	\$379,888	\$385,466		\$765,354	\$0	\$765,354
-PROVIDENCE, PAWTUCKET	\$217,987	\$878		\$218,865	\$217,987	\$878
-OTHER AREAS (RURAL & SMALL URBAN)	\$810,531	\$2,741,492		\$3,552,023	\$0	\$3,552,023
HWY SAFETY IMPROVEMENT PGM.	\$35,367,782	\$10,649,542	\$0	\$46,017,323	\$45,658,470	\$358,853
HSIP - High Risk Rural	\$0	\$4,431,502		\$4,431,502	\$0	\$4,431,502
RLWY/HWY CROSSINGS- HAZARD ELIMINATION	\$1,346,508	\$5,188,268	\$0	\$6,534,776	\$1,000,000	\$5,534,776
RLWY/HWY CROSSINGS- PROTECTIVE DEVICES	\$1,346,508	\$3,129,265	\$0	\$4,475,773	\$1,000,000	\$3,475,773
CMAQ	\$67,002,744	\$7,567,341	(\$22,000,000)	\$52,570,085	\$51,956,527	\$613,558
PLANNING	\$22,707,173	\$21,949,123	\$0	\$44,656,296	\$22,696,960	\$21,959,336
FEDERAL AID SUB-TOTAL:	\$663,075,930	\$72,955,738	\$0	\$736,031,667	\$685,002,730	\$51,028,937

Estimated Obligation Authority	\$725,790,017
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MassDOT Fiscal Constraint Analysis for FFY 2019 -2023
Estimated Final STIP

Federal Fiscal Year 2023				2019-2023 STIP, 92% Rescission		
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
EARMARKS	\$0	\$39,789,655		\$39,789,655	\$0	\$39,789,655
HIP FLEX	\$0	\$14,380,659		\$14,380,659	\$0	\$14,380,659
HIP NON-FLEX	\$0	\$13,837,729		\$13,837,729	\$0	\$13,837,729
-BOSTON URBAN AREA	\$0	\$10,124,012		\$10,124,012	\$0	\$10,124,012
-BARNSTABLE URBAN AREA	\$0	\$610,989		\$610,989	\$0	\$610,989
-SPRINGFIELD, CHICOPEE, HOLYOKE	\$0	\$1,316,584		\$1,316,584	\$0	\$1,316,584
-WORCESTER URBAN AREA	\$0	\$1,123,395		\$1,123,395	\$0	\$1,123,395
-PROVIDENCE, PAWTUCKET	\$0	\$644,625		\$644,625	\$0	\$644,625
-OTHER AREAS (RURAL & SMALL URBAN)	\$0	\$18,124		\$18,124	\$0	\$18,124
NHPP-EXEMPT	\$9,286,246	\$41,327,789		\$50,614,035	\$0	\$50,614,035
MISCELLANEOUS / ALLOCATED FUNDS	\$344,611	\$21,944,894		\$22,289,505	\$0	\$22,289,505
FEDERAL AID TOTAL >	\$672,706,786	\$204,236,464	\$0	\$876,943,250	\$685,002,730	\$191,940,520
STATE MATCH FOR FEDERAL AID					\$137,708,922	
NON-FEDERAL AID + FEDERAL AID TOTAL >					\$822,711,652	

2019-2023 Statewide Transportation Improvement Program
Fiscal Constraint Charts

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	\$45,439,434	\$206,400,294	\$207,424,058	\$44,415,670	RTACAP	\$30,303,718	\$30,303,718	\$0
5309	\$0	\$150,000,000	\$150,000,000	\$0	VW Mitigation Funds	\$6,033,090	\$6,033,090	\$0
5310	\$0	\$5,974,566	\$5,974,566	\$0	SCA	\$29,878,904	\$29,878,904	\$0
5311	\$0	\$3,219,859	\$3,219,859	\$0	TDC*	n/a	\$1,656,250	n/a
5337	\$0	\$146,799,296	\$146,799,296	\$0	MAP	\$4,000,000	\$4,000,000	\$0
5339	\$2,171,601	\$10,637,415	\$10,975,348	\$1,833,668	Local	\$228,718,398	\$228,718,398	\$0
	\$47,611,035	\$523,031,430	\$524,393,127	\$46,249,338	Total Non-Federal Aid	\$298,934,110	\$298,934,110	\$0

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	\$44,415,670	\$210,693,420	\$210,603,559	\$44,505,531	RTACAP	\$16,374,457	\$16,374,457	\$0
5309	\$0	\$150,000,000	\$150,000,000	\$0	SCA	\$29,171,402	\$29,171,402	n/a
5310	\$0	\$6,035,578	\$6,035,578	\$0	TDC*	n/a	\$1,193,839	n/a
5311	\$0	\$2,081,399	\$2,081,399	\$0	MAP	\$4,000,000	\$4,000,000	\$0
5337	\$0	\$149,200,997	\$149,200,997	\$0	Local	\$229,785,072	\$229,785,072	\$0
5339	\$1,833,668	\$11,044,828	\$11,236,403	\$1,642,093				
	\$46,249,338	\$529,056,222	\$529,157,936	\$46,147,624	Total Non-Federal Aid	\$279,330,931	\$279,330,931	\$0

2019-2023 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	\$44,505,531	\$215,075,843	\$211,214,255	\$48,367,119	RTACAP	\$18,535,486	\$18,535,486	\$0
5309	\$0	\$100,000,000	\$100,000,000	\$0	SCA	\$29,633,367	\$29,633,367	\$0
5310	\$0	\$6,035,578	\$6,035,578	\$0	TDC*	n/a	\$701,905	n/a
5311	\$0	\$2,093,550	\$2,093,550	\$0	MAP	\$4,000,000	\$4,000,000	\$0
5337	\$0	\$149,238,267	\$149,238,267	\$0	Local	\$275,423,936	\$275,423,936	\$0
5339	\$1,642,093	\$11,467,845	\$10,385,176	\$2,724,762				
Other Federal	\$0	\$382,000,000	\$382,000,000	\$0				
	\$46,147,624	\$865,911,083	\$860,966,826	\$51,091,881	Total Non-Federal Aid	\$327,592,789	\$327,592,789	\$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	\$48,367,119	\$219,549,420	\$214,352,206	\$53,564,333	RTACAP	\$14,979,184	\$14,979,184	\$0
5309	\$0	\$46,121,000	\$46,121,000	\$0	SCA	\$30,311,187	\$30,311,187	\$0
5310	\$0	\$6,035,578	\$6,035,578	\$0	TDC*	n/a	\$729,982	n/a
5311	\$0	\$2,105,955	\$2,105,955	\$0	MAP	\$4,000,000	\$4,000,000	\$0
5337	\$0	\$149,275,973	\$149,275,973	\$0	Local	\$125,995,223	\$125,995,223	\$0
5339	\$2,724,762	\$11,907,064	\$8,025,681	\$6,606,145				
	\$51,091,881	\$434,994,990	\$425,916,393	\$60,170,478	Total Non-Federal Aid	\$175,285,594	\$175,285,594	\$0

Fiscal Constraint Analysis - 2023

Federal Funding Source	Carryover	Current Year Available	Programmed Funds	Unprogrammed Funds	State Funding Source	Current Year Available	Programmed Funds	Unprogrammed Funds
5307	\$53,564,333	\$219,549,420	\$214,019,743	\$59,094,010	RTACAP	\$20,254,073	\$20,254,073	\$0
5309	\$0	\$0	\$0	\$0	SCA	\$29,276,939	\$29,276,939	\$0
5310	\$0	\$6,035,578	\$6,035,578	\$0	TDC*	n/a	\$885,711	n/a
5311	\$0	\$2,368,620	\$2,368,620	\$0	MAP	\$4,000,000	\$4,000,000	\$0
5337	\$0	\$149,301,169	\$149,301,169	\$0	Local	\$83,462,905	\$83,462,905	\$0
5339	\$6,606,145	\$11,907,064	\$10,295,692	\$8,217,517				
	\$60,170,478	\$389,161,851	\$382,020,802	\$67,311,527	Total Non-Federal Aid	\$136,993,917	\$136,993,917	\$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 2019-2023 STIP which are programmed with an AC schedule.

2019-2023 MPO Projects Advance Construction (AC) Schedule

June 2018, Total Federal Participating Cost (including State Match)

STIP Version	2019.000
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PROJ #	Region	Description	2018 and prior	2019	2020	2021	2022	2023	FUTURE STIP	Total Future / Remaining AC Conversions	Total Federal Participating Cost
FY18 and Prior Advertisements											
1570	BOSTON	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	\$ 90,759,669	\$ 56,368,800	\$ 20,031,200	\$ 29,100,000	\$ -	\$ -	\$ -	\$ 105,500,000	\$ 196,259,669
PV0005	PIONEER VALLEY	P21 Express - Year 2 Operating	\$ 500,000	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 500,000	\$ 1,000,000
606462	BERKSHIRE	LENOX- RECONSTRUCTION & MINOR WIDENING ON WALKER STREET	\$ 5,662,883	\$ 2,858,179	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,858,179	\$ 8,521,062
Scheduled AC Conversions				\$ 59,726,979	\$ 20,031,200	\$ 29,100,000	\$ -	\$ -	\$ -	\$ 108,858,179	\$ 205,780,731
FY19 Advertisements											
602418	MERRIMACK VALLEY	AMESBURY- RECONSTRUCTION OF ELM STREET		\$ 4,065,071	\$ 7,998,929	\$ -	\$ -	\$ -	\$ -	\$ 7,998,929	\$ 12,064,000
606635	BOSTON	NEEDHAM-NEWTON- RECONSTRUCTION OF HIGHLAND AVENUE, NEEDHAM STREET & CHARLES RIVER BRIDGE, N-04-002, FROM WEBSTER STREET (NEEDHAM) TO REOUT 9 (NEWTON)		\$ 13,441,666	\$ 13,441,666	\$ -	\$ -	\$ -	\$ -	\$ 13,441,666	\$ 26,883,332
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		\$ 712,712	\$ 4,174,568	\$ -	\$ -	\$ -	\$ -	\$ 4,174,568	\$ 4,887,280
Scheduled AC Conversions					\$ 25,615,163	\$ -	\$ -	\$ -	\$ -	\$ 25,615,163	\$ 43,834,612
FY20 Advertisements											
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			\$ 6,774,426	\$ 18,146,727	\$ 13,000,000	\$ 20,932,781	\$ -	\$ 52,079,508	\$ 58,853,934
606226	BOSTON	BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE			\$ 7,000,000	\$ 35,759,676	\$ 42,445,768	\$ 40,000,000	\$ 26,794,556	\$ 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.			\$ 4,870,000	\$ 8,537,023	\$ -	\$ -	\$ -	\$ 8,537,023	\$ 13,407,023
Scheduled AC Conversions						\$ 62,443,426	\$ 55,445,768	\$ 60,932,781	\$ 26,794,556	\$ 205,616,531	\$ 224,260,957
FY21 Advertisements											
608142	MARTHA'S VINEYARD	OAK BLUFFS - CONSTRUCTION OF A SHARED USE PATH ALONG BEACH ROAD, FROM THE LAGOON POND DRAWBRIDGE NORTHERLY TO THE EASTVILLE AVENUE/COUNTY ROAD INTERSECTION				\$ 1,545,872	\$ 769,690	\$ -	\$ -	\$ 769,690	\$ 2,315,562
605032	PIONEER VALLEY	HADLEY- RECONSTRUCTION ON ROUTE 9, FROM MIDDLE STREET TO MAPLE/SOUTH MAPLE STREET				\$ 12,652,410	\$ 13,152,954	\$ -	\$ -	\$ 13,152,954	\$ 25,805,364
608095	MERRIMACK VALLEY	NORTH ANDOVER- CORRIDOR IMPROVEMENTS ON ROUTE 114, BETWEEN ROUTE 125 (ANDOVER STREET) & STOP & SHOP DRIVEWAY				\$ 6,313,159	\$ 10,503,558	\$ -	\$ -	\$ 10,503,558	\$ 16,816,717
Scheduled AC Conversions							\$ 24,426,202	\$ -	\$ -	\$ 24,426,202	\$ 44,937,643
FY22 Advertisements											
608374	PIONEER VALLEY	WEST SPRINGFIELD- RECONSTRUCTION OF MEMORIAL AVENUE (ROUTE 147), FROM COLONY ROAD TO THE MEMORIAL AVENUE ROTARY (1.4 MILES)					\$ 7,390,199	\$ 12,407,054	\$ -	\$ 12,407,054	\$ 19,797,253
Scheduled AC Conversions								\$ 12,407,054	\$ -	\$ 12,407,054	\$ 19,797,253
FY223 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)			\$	\$ 59,726,979	\$ 45,646,363	\$ 91,543,426	\$ 79,871,970	\$ 73,339,835	\$ 26,794,556	\$ 376,923,129	

2019-2023 Statewide Bridge Program Advance Construction (AC) Schedule

June 2018, Total Federal Participating Cost (including State Match)

STIP Version	2019,000
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PROJ #	Region	Description	2018 and prior	2019	2020	2021	2022	2023	FUTURE STIP	Total Future / Remaining AC Conversions	Total Federal Participating Cost (Bridge Cost only)
FY18 and Prior Advertisements											
604173	BOSTON	BOSTON- BRIDGE REPLACEMENT, B-16-016, NORTH WASHINGTON STREET OVER THE BOSTON INNER HARBOR	\$ 35,000,000	\$ 25,184,931	\$ 24,184,931	\$ 24,184,931	\$ 22,621,004	\$ -	\$ -	\$ 96,175,797	\$ 193,133,217
605306	MERRIMACK VALLEY	HAVERHILL - BRIDGE REPLACEMENT, H-12-039, I-495 (NB & SB) OVER MERRIMACK RIVER	\$ 19,797,733	\$ 19,797,733	\$ 19,797,731	\$ 19,797,731	\$ 19,797,731	\$ 15,892,036	\$ -	\$ 95,082,962	\$ 114,880,695
605287	BOSTON	CHELSEA- ROUTE 1 VIADUCT REHABILITATION (SB/NB) ON C-09-007 & C-09-011	\$ 71,349,636	\$ 71,677,130	\$ 40,952,933	\$ 29,992,990	\$ -	\$ -	\$ -	\$ 142,623,053	\$ 213,972,689
604952	BOSTON	LYNN- SAUGUS- BRIDGE REPLACEMENT, L-18-016=S-05-008, ROUTE 107 OVER THE SAUGUS RIVER (AKA - BELDEN G. BLY BRIDGE)		\$ 14,894,228	\$ 14,894,228	\$ 17,028,354	\$ 21,746,735	\$ 5,907,595	\$ -	\$ 74,471,140	\$ 74,471,140
Scheduled AC Conversions				\$131,554,022	\$99,829,823	\$91,004,006	\$64,165,470	\$21,799,631	\$0	\$408,352,952	\$596,457,741
FY19 Advertisements											
N/A	#N/A	#N/A		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Scheduled AC Conversions					\$0	\$0	\$0	\$0	\$0	\$0	\$0
FY20 Advertisements											
606552	PIONEER VALLEY	NORTHAMPTON- BRIDGE RECONSTRUCTION, N-19-059, I-91 OVER US 5/BMRR & N-19-060, I-91 OVER HOCKANUM ROAD			\$ 11,378,353	\$ 11,378,353	\$ 11,378,353	\$ 11,378,353	\$ 11,378,355	\$ 45,513,414	\$ 56,891,767
Scheduled AC Conversions						\$11,378,353	\$11,378,353	\$11,378,353	\$11,378,355	\$45,513,414	\$56,891,767
FY21 Advertisements											
N/A	#N/A	#N/A				\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Scheduled AC Conversions							\$0	\$0	\$0	\$0	\$0
FY22 Advertisements											
N/A	#N/A	#N/A					\$ -	\$ -	\$ -	\$ -	\$ -
Scheduled AC Conversions				\$0	\$0	\$0	\$0		\$0	\$0	\$0
FY23 Advertisements											
N/A	#N/A	#N/A					\$ -	\$ -	\$ -	\$ -	\$ -
Scheduled AC Conversions				\$0	\$0	\$0	\$0		\$0	\$0	\$0
NON - FEDERAL AID (TO BE CONVERTED TO FED. AID BY A/C CONVERSIONS AS SHOWN ABOVE)			\$0	\$131,554,022	\$99,829,823	\$102,382,359	\$75,543,823	\$33,177,984	\$11,378,355	\$453,866,366	

2019-2023 Statewide Category Programs Advance Construction (AC) Schedule

June 2018, Total Federal Participating Cost (including State Match)

STIP Version	2019.000
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PROJ #	Region	Description	2018 and prior	2019	2020	2021	2022	2023	Future STIP	Total Future / Remaining AC Conversions	Total Federal Participating Cost
FY18 and Prior Advertisements											
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
606938	STATEWIDE	DISTRICTS 4 AND 6 - EXPANSION OF ITS EQUIPMENT (CCTV CAMERAS, TRAFFIC SENSORS, AND VMS) FOR HIGHWAY OPERATIONS	\$ 2,692,400	\$ 5,180,500	\$	\$	\$ -	\$	\$	\$ 5,180,500	\$ 7,872,900
Scheduled AC Conversions				\$ 14,767,518	\$	\$	\$	\$ -	\$ -	\$ 14,767,518	\$ 18,052,139
FY19 Advertisements											
608193	MONTACHUSETT	FITCHBURG- LEOMINSTER- RAIL TRAIL CONSTRUCTION (TWIN CITIES RAIL TRAIL)		\$ 11,059,443	\$ 6,971,456	\$	\$	\$ -	\$ -	\$ 6,971,456	\$ 18,030,899
608608	BOSTON	BRAINTREE- HIGHWAY LIGHTING IMPROVEMENTS AT I-93/ROUTE 3 INTERCHANGE		\$ 7,008,503	\$ 2,688,726	\$	\$	\$	\$	\$ 2,688,726	\$ 9,697,229
609084	STATEWIDE	DISTRICT 4- DISTRICT 6- EXPANSION OF ITS ROADWAY DEVICES FOR HIGHWAY OPERATIONS		\$ 3,369,500	\$ 330,500	\$	\$	\$ -	\$	\$ 330,500	\$ 3,700,000
Scheduled AC Conversions				\$ 9,990,682	\$ -	\$ -	\$	\$ -	\$ -	\$ 9,990,682	\$ 31,428,128
FY20 Advertisements											
608049	SOUTHEASTERN MASSACHUSETTS	FALL RIVER- CORRIDOR IMPROVEMENTS ON ROUTE 79/DAVOL STREET			\$ 800,000	\$ 38,335,335	\$ 15,020,000	\$ 20,000,000	\$ 7,134,665	\$ 80,490,000	\$ 81,290,000
Scheduled AC Conversions						\$ 38,335,335	\$ 15,020,000	\$ 20,000,000	\$ 7,134,665	\$ 80,490,000	\$ 81,290,000
FY21 Advertisements											
607588	FRANKLIN	NORTHFIELD- CONSTRUCT BIKE/PED BRIDGE TO REPLACE N-22-002, SCHELL BRIDGE OVER THE CONNECTICUT RIVER			\$	\$ 11,086,757	\$ 6,303,284	\$	\$	\$ 6,303,284	\$ 17,390,041
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							\$ 11,455,284	\$	\$	\$ 11,455,284	\$ 27,694,041
FY22 Advertisements											
607977	BOSTON	HOPKINTON- WESTBOROUGH- RECONSTRUCTION OF I-90/I-495 INTERCHANGE			\$ -	\$	\$ 39,733,939	\$ 30,000,000	\$ 119,717,061	\$ 149,717,061	\$ 189,451,000
Scheduled AC Conversions							\$ 39,733,939	\$ 30,000,000	\$ 119,717,061	\$ 149,717,061	\$ 189,451,000
FY23 Advertisements											
N/A	#N/A	#N/A			\$	\$	\$	\$	\$	\$	\$
Scheduled AC Conversions							\$		\$	\$	\$
\$0											
NON - FEDERAL AID (TO BE CONVERTED TO FED. AID BY A/C CONVERSIONS AS SHOWN ABOVE)			\$	\$ 14,767,518	\$ 9,990,682	\$ 38,335,335	\$ 66,209,223	\$ 50,000,000	\$ 126,851,726	\$ 266,420,545	

Status of FFY 2018 investments

Projects that are currently programmed in the FFY 2018 element of the active FFY 2018-2022 STIP are scheduled to be advertised for contractual bid throughout the Federal Fiscal Year, (October 2017 – September 2018). The following tables depict the status of each project currently programmed in FFY 2018 with actual dates of advertisement or anticipated quarter of advertisement. The quarters of FFY 2018 listed in the following tables refer to the following calendar months:

Quarter 1 (Q1): October 2017 through December 2017

Quarter 2 (Q2): January 2018 through March 2018

Quarter 3 (Q3): April 2018 through June 2018

Quarter 4 (Q4): July 2018 through September 2018

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 Region	608125	SHEFFIELD- BRIDGE REPLACEMENT, S-10-002, ROUTE 7A (ASHLEY FALLS RD) OVER THE HOUSATONIC RIVER	Bridge Replacement	STATE	Final Design	Final Structural Approved (02/21/2018)	ISSUED	CLEAR	\$ 4,180,916.73	3RD QRT	District 1	
Boston Region	608478	CONCORD- RESURFACING AND RELATED WORK ON ROUTE 2	Resurfacing DOT Owned Non-Interstate	STATE	Final Design	N/A	ISSUED	CLEAR	\$ 6,732,499.67	2ND QRT	District 4	
Boston Region	600518	HINGHAM- INTERSECTION IMPROVEMENTS AT DERBY STREET, WHITING STREET (ROUTE 53) AND GARDNER STREET	Hwy Reconst - Minor Widening	STATE	Final Design	N/A	ISSUED	CLEAR	\$ 3,963,773.45	3RD QRT	District 5	
Boston Region	608379	LEXINGTON- BELMONT- ARLINGTON- CAMBRIDGE- PAVEMENT PRESERVATION ON ROUTE 2	Resurfacing DOT Owned Non-Interstate	STATE	Final Design	N/A	ISSUED	CLEAR	\$ 8,918,332.78	3RD QRT	District 4	
Boston Region	604655	MARSHFIELD- BRIDGE REPLACEMENT, M-07-007, BEACH STREET OVER THE CUT RIVER	Bridge Replacement	STATE	Final Design	Structural Mylars Signed (12/28/2017)	ISSUED	CLEAR	\$ 4,546,407.41	1ST QRT	District 5	
Boston Region	607915	NEWTON- WELLESLEY- WESTON- BRIDGE MAINTENANCE OF N-12-063, N-12-054, N-12-055 & N-12-056 ON I-95/ROUTE 128	Bridge Reconstruction/Rehab	STATE	Final Design	2nd Structural Comments to PM (10/02/2017)	ISSUED	CLEAR	\$ 1,631,400.00	1ST QRT	District 6	
Boston Region	608521	SALEM- BRIDGE MAINTENANCE, S-01-018 (32T), (ST 114) NORTH STREET OVER (ST 107) BRIDGE STREET & MBTA	Bridge Preservation	STATE	Final Design	N/A	ISSUED	CLEAR	\$ 2,816,780.10	2ND QRT	District 4	
Boston Region	604989	SOUTHBOROUGH- RECONSTRUCTION OF MAIN STREET (ROUTE 30), FROM SEARS ROAD TO PARK STREET	Hwy Reconst - Restr and Rehab	MUNI	Final Design	N/A	ISSUED	CLEAR	\$ 7,817,861.90	3RD QRT	District 3	
Boston Region	608823	WELLESLEY- NEWTON- WESTON- PAVEMENT RESURFACING AND RELATED WORK ON I-95	Resurfacing Interstate	STATE	Final Design	N/A	ISSUED	CLEAR	\$ 5,881,006.20	1ST QRT	District 6	
Cape Cod	606596	CHATHAM- IMPROVEMENTS ON MAIN STREET (ROUTE 28), FROM GEORGE RYDER ROAD TO BARN HILL ROAD	Hwy Reconst - Restr and Rehab	STATE	Final Design	N/A	ISSUED	CLEAR	\$ 4,536,421.69	3RD QRT	District 5	
Central Mass	607917	AUBURN TO WORCESTER- GUIDE & TRAFFIC SIGN REPLACEMENT ON A SECTION OF INTERSTATE 290	Structural Signing	STATE	Final Design	N/A	ISSUED	CLEAR	\$ 5,571,174.40	1ST QRT	District 3	
Central Mass	608822	AUBURN- WORCESTER- PAVEMENT PRESERVATION AND RELATED WORK ON I-290	Resurfacing Interstate	STATE	Final Design	N/A	ISSUED	CLEAR	\$ 4,694,167.48	1ST QRT	District 3	
Central Mass	608808	MILLVILLE- UXBRIDGE- PAVEMENT PRESERVATION AND RELATED WORK ON ROUTE 146	Resurfacing DOT Owned Non-Interstate	STATE	Final Design	N/A	ISSUED	CLEAR	\$ 4,919,403.68	1ST QRT	District 3	
Central Mass	608394	STURBRIDGE- STORMWATER IMPROVEMENTS ALONG ROUTE 20 AND INTERSTATE 84	Drainage	STATE	Final Design	N/A	ISSUED	CLEAR	\$ 618,247.80	1ST QRT	District 3	
Central Mass	606888	WORCESTER- BLACKSTONE CANAL STREETScape IMPROVEMENTS ON HARDING STREET	Hwy Reconst - Restr and Rehab	MUNI	Final Design	N/A	ISSUED	CLEAR	\$ 1,660,729.92	1ST QRT	District 3	
Central Mass	604893	WORCESTER- STREETScape IMPROVEMENTS AT MAIN STREET & MAYWOOD STREET	Hwy Reconst - Restr and Rehab	MUNI	Final Design	N/A	ISSUED	CLEAR	\$ 2,312,095.42	1ST QRT	District 3	
Franklin Region	608235	GREENFIELD- BRIDGE REPLACEMENT, G-12-006, NASH'S MILL ROAD OVER GREEN RIVER	Bridge Replacement	MUNI	Final Design	3rd Structural Comments from Geotech (02/20/2018)	ISSUED	CLEAR	\$ 2,969,517.73	3RD QRT	District 2	
Merrimack Valley	605306	HAVERHILL- BRIDGE REPLACEMENT, H-12-039, I-495 (NB & SB) OVER MERRIMACK RIVER	Bridge Replacement	STATE	100%	Sketch Plans Comments from Geotech - Resub 2 (07/25/2016)	ISSUED	N/A	\$ 108,833,832.05	2ND QRT	District 4	
Old Colony	607337	PEMBROKE- INTERSECTION IMPROVEMENTS AND RELATED WORK AT WASHINGTON STREET (ROUTE 53) AND PLEASANT STREET	Traffic Signals	MUNI	Final Design	N/A	ISSUED	CLEAR	\$ 2,539,729.60	2ND QRT	District 5	
Pioneer Valley	607939	CUMMINGTON- BRIDGE MAINTENANCE, C-21-025, ROUTE 9 OVER THE WESTFIELD RIVER	Structures Maintenance	STATE	Final Design	N/A	ISSUED	CLEAR	\$ 780,180.50	1ST QRT	District 1	
Pioneer Valley	607959	HOLYOKE- STRUCTURAL STEEL BEAM CLEANING AND PAINTING, H-21-048, I-91 NB & SB OVER WESTFIELD ROAD	Structures Maintenance	STATE	Final Design	N/A	ISSUED	CLEAR	\$ 1,497,958.00	1ST QRT	District 2	originally called D2-SYSTEMATIC MT
Pioneer Valley	608870	PALMER- BRIDGE REHABILITATION, P-01-005, MAIN STREET OVER QUABOAG RIVER	Bridge Reconstruction/Rehab	STATE	Final Design	2nd Structural Received from PM (04/06/2018)	ISSUED	CLEAR	\$ 2,720,418.50	3RD QRT	District 2	
Southeastern Mass	607304	DARTMOUTH- INTERSECTION IMPROVEMENTS & RELATED WORK AT CHASE ROAD & OLD WESTPORT ROAD	Traffic Signals	MUNI	Final Design	N/A	ISSUED	CLEAR	\$ 1,155,525.95	3RD QRT	District 5	
Southeastern Mass	608377	DARTMOUTH- NEW BEDFORD- INTERSTATE MAINTENANCE AND RELATED WORK ON I-195	Resurfacing Interstate	STATE	Final Design	N/A	ISSUED	CLEAR	\$ 11,878,600.05	3RD QRT	District 5	
Statewide	607905	DISTRICT 3- BRIDGE MAINTENANCE AT VARIOUS LOCATIONS	Structures Maintenance	STATE	Final Design	N/A	ISSUED	CLEAR	\$ 1,478,698.00	2ND QRT	District 3	
Statewide	607898	DISTRICT 5- SYSTEMATIC BRIDGE PRESERVATION ALONG THE I-495 CORRIDOR	Structures Maintenance	STATE	Final Design	N/A	ISSUED	CLEAR	\$ 2,100,734.00	1ST QRT	District 5	
Statewide	608209	LITTLETON- WESTFORD- INTERSTATE MAINTENANCE AND RELATED WORK ON I-495	Resurfacing Interstate	STATE	Final Design	N/A	ISSUED	CLEAR	\$ 17,446,896.46	3RD QRT	District 3	
Statewide	608455	PLYMOUTH- KINGSTON- CARVER- PLYMPTON- RESURFACING AND RELATED WORK ON ROUTE 44 (FROM MM 28.8 TO 36.4)	Resurfacing DOT Owned Non-Interstate	STATE	Final Design	N/A	ISSUED	CLEAR	\$ 10,679,989.00	1ST QRT	District 5	
Statewide	608581	STATEWIDE- VARIOUS SAFETY STRATEGIES TO ADDRESS SHSP -TO BE DETERMINED (2018)	Traffic Signals	N/A	Approved	N/A	ISSUED	CLEAR	\$ 6,204,430.55	4TH QRT	N/A	funds incorporated into existing FY18 projects
29									\$ 241,087,729.02			

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
TO BE ADVERTISED ORIGINAL STIP												
Berkshire Region	608465	LENEX- LEE- STOCKBRIDGE- RESURFACING AND RELATED WORK ON ROUTE 7	Resurfacing DOT Owned Non-Interstate	STATE	Final Design	N/A	STATE	DER confirmation for no widening	\$ 3,508,604.20	3RD QRT	District 1	
Berkshire Region	606462	LENEX- RECONSTRUCTION & MINOR WIDENING ON WALKER STREET	Hwy Reconstr - Minor Widening	MUNI	100%	N/A	MUNI	NOI, SV	\$ 8,521,062.38	4TH QRT	District 1	moved from M to H risk in 3/6 PoP
Berkshire Region	607429	NORTH ADAMS- INTERSECTION IMPROVEMENTS AT ROUTE 2 & PHELPS AVENUE	Hwy Reconstr - No Added Capacity	STATE	100%	N/A	STATE	REVIEW	\$ 2,210,694.02	4TH QRT	District 1	
Boston Region	606134	BOSTON- TRAFFIC SIGNAL IMPROVEMENTS ON BLUE HILL AVENUE AND WARREN STREET	Traffic Signals	MUNI	100%	N/A	MUNI	SW	\$ 3,549,862.00	4TH QRT	District 6	city requesting August ad date to allow for more time in obtaining funds to complete ROW
Boston Region	605110	BROOKLINE- INTERSECTION & SIGNAL IMPROVEMENTS @ ROUTE 9 & VILLAGE SQUARE (GATEWAY EAST)	Hwy Reconstr - No Added Capacity	MUNI	100% Design	N/A	MUNI	NOI	\$ 8,092,562.38	4TH QRT	District 6	
Boston Region	606381	CAMBRIDGE- ARLINGTON- BELMONT- LEXINGTON- HIGHWAY LIGHTING REPAIR & MAINTENANCE ON ROUTE 2	Lighting	STATE	100%	1st Structural Comments to PM (01/31/2018)	STATE	HAZ	\$ 15,746,757.19	4TH QRT	District 4	
Boston Region	607732	FRAMINGHAM- NATICK- COCHITUATE RAIL TRAIL CONSTRUCTION INCLUDING PEDESTRIAN BRIDGE, N-03-014, OVER ROUTE 9 & F-07-033=N-03-029 OVER ROUTE 30	Bikeway/Bike Path Construction	MUNI	100%	2nd Structural Comments from Geotech (05/04/2018)	MUNI	CE/NOI	\$ 12,767,454.33	4TH QRT	District 3	
Boston Region	606632	HOPKINTON- WESTBOROUGH- BRIDGE REPLACEMENT, H-23-006=W-24-016, FRUIT STREET OVER CSX & SUDBURY RIVER	Bridge Replacement	STATE	75%	2nd Structural Comments to PM (02/27/2018)	STATE	CE	\$ 11,465,705.50	4TH QRT	District 3	ROW will unable to obtain cert in time
Boston Region	608069	MARSHFIELD- PEMBROKE- NORWELL- HANOVER- ROCKLAND- HINGHAM- RESURFACING & RELATED WORK ON ROUTE 3	Resurfacing DOT Owned Non-Interstate	STATE	75%	N/A	STATE	CE	\$ 14,445,784.00	4TH QRT	District 5	
Boston Region	608352	SALEM- CANAL STREET RAIL TRAIL CONSTRUCTION (PHASE 2)	Bikeway/Bike Path Construction	MUNI	75%	N/A	MUNI	CE RE-EVAL/NOI	\$ 3,174,315.56	4TH QRT	District 4	
Boston Region	608008	SAUGUS- RESURFACING AND RELATED WORK ON ROUTE 1	Resurfacing DOT Owned Non-Interstate	STATE	75%	N/A	STATE	CE	\$ 11,076,009.88	4TH QRT	District 4	
Boston Region	607533	WALTHAM- BRIDGE REPLACEMENT, W-04-006, WOERD AVENUE OVER CHARLES RIVER	Bridge Replacement	STATE	Final Design	Final Structural Approved (04/04/2018)	MUNI	CE	\$ 3,124,614.80	4TH QRT	District 4	
Cape Cod	607435	BARNSTABLE- INTERSECTION IMPROVEMENTS @ FALMOUTH ROAD (ROUTE 28) & OSTERVILLE-WEST BARNSTABLE ROAD	Hwy Reconstr - Restr and Rehab	STATE	Final Design	N/A	STATE	CLEAR	\$ 3,852,214.84	4TH QRT	District 5	
Central Mass	606440	PRINCETON- RECONSTRUCTION OF ROUTE 140, FROM STERLING T.L. THROUGH EAST PRINCETON VILLAGE TO ROUTE 31, INCLUDING REHAB OF P-16-017	Reclamation	MUNI	Final Design	2nd Structural Comments from Geotech (04/18/2018)	MUNI	N/A	\$ 7,995,963.64	4TH QRT	District 3	
Central Mass	608191	WEST BROOKFIELD- SIDEWALK AND WHEELCHAIR CONSTRUCTION ON ROUTE 9	Roadway - Reconstr - Sidewalks and Curbing	STATE	Final Design	N/A	STATE	ENF? A97 approach being determined	\$ 923,155.38	4TH QRT	District 2	
Central Mass	605820	WORCESTER- BLACKSTONE RIVER BIKEWAY (SEGMENT 7), INCLUDING BRIDGE REHAB, W-44-041, MCGRATH BOULEVARD OVER MADISON STREET	Bikeway/Bike Path Construction	MUNI	100%	1st Structural Comments to PM (05/02/2018)	MUNI	NOI	\$ 7,861,572.68	4TH QRT	District 3	
Central Mass	605740	WORCESTER- INTERSECTION IMPROVEMENTS AT WINTHROP STREET & PROVIDENCE STREET, VERNON STREET & GRANITE STREET	Traffic Signals	MUNI	100%	N/A	MUNI	CLEAR	\$ 3,853,939.01	3RD QRT	District 3	
Franklin Region	607253	ERVING- STREETScape & PEDESTRIAN IMPROVEMENTS ON ROUTE 63, FROM RIVER STREET TO 1,200 FT. NORTH OF LILLIAN WAY (1 MILE)	Roadway - Reconstr - Sidewalks and Curbing	STATE	100%	N/A	MUNI/STATE	CE, SV	\$ 974,254.75	4TH QRT	District 2	
Merrimack Valley	607737	AMESBURY- SALISBURY- TRAIL CONNECTOR @ I-95	Bikeway/Bike Path Construction	STATE	75%	2nd Structural Comments from Geotech (12/24/2015)	MUNI/STATE	CE	\$ 2,651,276.80	4TH QRT	District 4	STATE ROW RISK
Merrimack Valley	608809	LAWRENCE- NORTH ANDOVER- RESURFACING AND RELATED WORK ON ROUTE 114	Resurfacing DOT Owned Non-Interstate	STATE	Final Design	N/A	STATE	CE	\$ 2,148,067.00	3RD QRT	District 4	
Merrimack Valley	605020	SALISBURY- MULTI-USE TRAIL EXTENSION (BORDERS TO BOSTON TRAIL), INCLUDES NEW BRIDGE S-02-004 AND BOARDWALK (S-02-012 (BYX)	Bikeway/Bike Path Construction	STATE	100%	2nd Structural Review Started (04/30/2018)	MUNI	CE, NOI, 404	\$ 7,050,568.30	4TH QRT	District 4	
Montachusett	605094	FITCHBURG- BRIDGE REPLACEMENT, F-04-003, STATE ROUTE 31 OVER PHILLIPS BROOK	Bridge Replacement	STATE	100%	2nd Structural Received from PM (04/26/2018)	STATE	N/A	\$ 3,470,890.32	4TH QRT	District 3	
Montachusett	608864	GARDNER- BRIDGE REPLACEMENT, G-01-008, PLEASANT STREET OVER THE B&M RAILROAD	Bridge Reconstruction/Rehab	STATE	100%	2nd Structural Comments to PM (02/28/2018)	STATE	HAZ	\$ 4,069,801.20	4TH QRT	District 3	
Montachusett	608188	GARDNER- LEOMINSTER- STERLING- INTERSECTION IMPROVEMENTS AT 3 LOCATIONS	Traffic Signals	STATE	Final Design	N/A	STATE	SW	\$ 2,269,376.56	4TH QRT	District 3	
Montachusett	608179	ROYALSTON- BRIDGE REPLACEMENT, R-12-009, NORTH FITZWILLIAM ROAD OVER LAWRENCE BROOK	Bridge Replacement	STATE	100%	2nd Structural Review Complete (05/14/2018)	MUNI	N/A	\$ 2,157,880.18	4TH QRT	District 2	
Northern Middlesex	606189	LOWELL- IMPROVEMENTS ON ROUTE 38 AT FOUR INTERSECTIONS	Traffic Signals	STATE	Final Design	N/A	MUNI	N/A	\$ 4,588,424.00	4TH QRT	District 4	
Northern Middlesex	608037	WESTFORD- INTERSECTION IMPROVEMENTS @ GROTON ROAD (ROUTE 40) & DUNSTABLE ROAD	Traffic Signals	MUNI	Final Design	N/A	MUNI	ENF, CE, NOI, 401,404	\$ 2,514,902.54	4TH QRT	District 3	
Old Colony	607438	EASTON- INTERSECTION IMPROVEMENTS AT WASHINGTON STREET (ROUTE 138) AND UNION STREET	Traffic Signals	STATE	Final Design	N/A	STATE	CLEAR	\$ 2,659,239.36	4TH QRT	District 5	

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
Old Colony	606264	PLYMOUTH- IMPROVEMENTS ON OBERY STREET, FROM SOUTH STREET TO A.A. CARANCI WAY/PLYMOUTH NORTH H.S. DRIVE INTERSECTION	Hwy Reconstr - Minor Widening	MUNI	100%	N/A	MUNI	N/A	\$ 6,756,961.44	4TH QRT	District 5	
Old Colony	607860	WHTTMAN- TRAFFIC SIGNAL IMPROVEMENTS & RELATED WORK ON BEDFORD STREET (ROUTE 18) AT 2 LOCATIONS: AUBURN STREET (ROUTE 14) & TEMPLE STREET (ROUTE 27)	Traffic Signals	STATE	Final Design	N/A	STATE	CLEAR	\$ 5,990,816.00	4TH QRT	District 5	
Pioneer Valley	604203	AGAWAM- INTERSECTION IMPROVEMENTS AT ROUTE 187 & ROUTE 57	Traffic Signals	MUNI	100%	N/A	MUNI	CE	\$ 3,159,781.08	4TH QRT	District 2	changed from H to M on 6/11 per John B.
Pioneer Valley	608786	AMHERST- HADLEY- NORTHAMPTON- TRANSIT SIGNAL PRIORITY UPGRADES AT VARIOUS LOCATIONS	Traffic Signals	STATE	75%	N/A	STATE	CRU--CE	\$ 1,200,000.00	3RD QRT	District 2	
Pioneer Valley	600936	HOLYOKE- BRIDGE REPLACEMENT, H-21-018, LYMAN STREET OVER FIRST LEVEL CANAL	Bridge Replacement	STATE	100%	1st Structural Comments from State Bridge Engineer (04/20/2018)	STATE	CRU-CE, 401/404	\$ 8,019,034.11	4TH QRT	District 2	
Pioneer Valley	607256	HOLYOKE- RESURFACING & RELATED WORK ON HERITAGE STREET, FRONT STREET & DWIGHT STREET FROM MAPLE ST TO THE 1ST LEVEL CANAL (.54 MILES)	Hwy Reconstr - Restr and Rehab	MUNI	100%	N/A	MUNI	CE, NOI, SV	\$ 3,068,208.40	4TH QRT	District 2	
Pioneer Valley	604597	NORTHAMPTON- IMPROVEMENTS ON I-91 INTERCHANGE 19 AT ROUTE 9 AND DAMON ROAD	Hwy Reconstr - Restr and Rehab	STATE	Final Design	N/A	STATE	CE	\$ 8,383,872.79	4TH QRT	District 2	was to be combined with 606552
Pioneer Valley	604738	SOUTHAMPTON- RECONSTRUCTION OF GLENDALE ROAD (PHASE II) FROM COLLEGE HIGHWAY (RT 10) NORTHWESTERLY TO POMEROY MEADOW RD (3,801 FEET)	Hwy Reconstr - No Added Capacity	MUNI	Final Design	N/A	MUNI	CLEAR	\$ 2,971,491.41	4TH QRT	District 2	
Pioneer Valley	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	Bikeway/Bike Path Construction	STATE	Final Design	3rd Structural Received from PM (05/03/2018)	MUNI	CLEAR	\$ 6,439,525.47	4TH QRT	District 2	
Pioneer Valley	603449	WESTFIELD- ROUTE 20 ACCESS IMPROVEMENTS ON COURT STREET & WESTERN AVENUE, FROM LLEWELLYN DRIVE EASTERLY TO LLOYDS HILL ROAD (PHASE I)	Hwy Reconstr - Minor Widening	MUNI	100%	N/A	MUNI	ENF, RDA	\$ 7,993,910.32	4TH QRT	District 2	changed from high
Southeastern Mass	608001	FALL RIVER- IMPROVEMENTS AT VIVEIROS ELEMENTARY SCHOOL (SRTS)	New Sidewalks and Curbing	STATE	100%	N/A	MUNI	CLEAR	\$ 1,513,780.80	4TH QRT	District 5	
Southeastern Mass	605677	MATTAPOISETT- MULTI-USE PATH CONSTRUCTION (PENN CENTRAL RIGHT OF WAY), FROM MATTAPOISETT NECK ROAD TO DEPOT STREET (PHASE 1B)	Bikeway/Bike Path Construction	MUNI	100%	2nd Structural Approved by State Bridge Engineer (04/23/2018)	MUNI	HAZ, SW	\$ 7,960,228.22	4TH QRT	District 5	ROW requesting ad date of 8/18
Southeastern Mass	608747	NEW BEDFORD- IMPROVEMENTS AT ASHLEY AND LINCOLN ELEMENTARY SCHOOLS (SRTS)	Roadway - Reconstr - Sidewalks and Curbing	STATE	100%	N/A	MUNI	CE	\$ 1,901,590.40	4TH QRT	District 5	
Southeastern Mass	607566	SEEKONK- REHOBOTH- INTERSTATE MAINTENANCE & RELATED WORK ON I-195	Resurfacing Interstate	STATE	100%	N/A	STATE	N/A	\$ 11,093,417.50	4TH QRT	District 5	
Southeastern Mass	117106	WAREHAM- RECONSTRUCTION OF ROUTE 6 & 28, FROM 500 FT. EAST OF TYLER AVENUE TO RED BROOK ROAD (1.65 MILES)	Hwy Reconstr - Restr and Rehab	STATE	Final Design	N/A	STATE	SV	\$ 18,446,131.95	4TH QRT	District 5	
Statewide	607487	DISTRICT 3- EXPANSION OF ITS EQUIPMENT (CCTV CAMERAS, TRAFFIC SENSORS, AND VMS) FOR HIGHWAY OPERATIONS	Intelligent Transportation Sys	STATE	100%	N/A	STATE	CE	\$ 4,726,460.07	4TH QRT	District 3	D5 portion originally included but broken off to 608991
Statewide	607919	BOLTON TO LOWELL- GUIDE & TRAFFIC SIGN REPLACEMENT ON A SECTION OF INTERSTATE 495	Structural Signing	STATE	25%	N/A	STATE	CE	\$ 4,396,800.00	4TH QRT	District 3	
Statewide	608295	DISTRICT 5- IMPLEMENTATION OF FLASHING YELLOW ARROW AT VARIOUS TRAFFIC SIGNALS	Traffic Signals	STATE	100%	N/A	STATE	CE	\$ 979,626.25	4TH QRT	District 5	
Statewide	608204	ATTLEBORO TO NORWOOD- GUIDE AND TRAFFIC SIGN REPLACEMENT ON A SECTION OF I-95	Structural Signing	STATE	100%	N/A	STATE	CE	\$ 7,240,008.10	4TH QRT	District 5	
Statewide	607993	AYER- NATICK- LANCASTER- LEOMINSTER- WORCESTER- STORMWATER IMPROVEMENTS ALONG ROUTE 2, ROUTE 9, ROUTE 12, ROUTE 2A, ROUTE 110, ROUTE 111 AND I-290	Drainage	STATE	100%	N/A	STATE	CE	\$ 1,415,894.40	4TH QRT	District 3	
Statewide	608651	BRAINTREE- ADAPTIVE SIGNAL CONTROLS ON ROUTE 37 (GRANITE STREET)	Traffic Signals	STATE	100%	N/A	STATE	CE	\$ 910,942.94	4TH QRT	District 6	
Statewide	606938	DISTRICT 4- DISTRICT 6- EXPANSION OF ITS EQUIPMENT (CCTV CAMERAS, TRAFFIC SENSORS, AND VMS) FOR HIGHWAY OPERATIONS	Intelligent Transportation Sys	STATE	75%	N/A	STATE	CE	\$ 6,523,271.10	4TH QRT	N/A	
Statewide	607995	LOWELL- CHELMSFORD- STORMWATER IMPROVEMENTS ALONG I-495	Drainage	STATE	100%	N/A	STATE	CE	\$ 1,679,827.05	4TH QRT	District 4	
Statewide	608833	NANTUCKET- IMPROVEMENTS ON MILESTONE ROAD	Sign Installation/Upgrading	STATE	Final Design	N/A	STATE	CE	\$ 2,808,725.68	3RD QRT	District 5	originally titled: PLACEHOLDER - HIGH RISK RURAL ROAD PROJECT
52									\$282,305,258.28			

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
NOT ON ORIGINAL STIP AMENDED INTO BE ADVERTISED												
Boston Region	605287	CHELSEA- ROUTE 1 VIADUCT REHABILITATION (SB/NB) ON C-09-007 & C-09-011	Bridge Reconstruction/Rehab	STATE	100%	N/A	STATE	CE	\$ 213,973,214.30	3RD QRT	District 6	
Boston Region	608013	QUINCY- INTERSECTION IMPROVEMENTS @ SEA STREET & QUINCY SHORE DRIVE	Hwy Reconstr - No Added Capacity	STATE	75%	N/A	MUNI	CRU/CE- need DCR letter of support	\$ 2,362,997.40	4TH QRT	District 6	requesting September ad date to allow time for FHWA requirements
Boston Region	607133	QUINCY- SUPERSTRUCTURE REPLACEMENT, Q-01-039, ROBERTSON STREET OVER I-93/US 1/SR 3	Bridge Replacement	STATE	Final Design	Final Structural Approved (08/21/2017)	STATE	Yes	\$ 5,121,559.22	2ND QRT	District 6	
Boston Region	604804	READING- RESURFACING & RELATED WORK ON ROUTE 28 (MAIN STREET)	Resurfacing DOT Owned Non-Interstate	STATE	75%	N/A	STATE	Need sub	\$ 6,063,543.05	4TH QRT	District 4	
Cape Cod	608588	TRURO- BICYCLE ACCOMMODATION IMPROVEMENT ON ROUTE 6 FROM SOUTH HIGHLAND ROAD TO SOUTH HOLLOW ROAD (PHASE 2)	Resurfacing DOT Owned Non-Interstate	STATE	75%	N/A	STATE	N/A	\$ 1,275,318.28	4TH QRT	District 5	
Central Mass	607250	PAXTON- RECLAMATION ON ROUTE 31 (HOLDEN ROAD)	Reclamation	MUNI	Final Design	N/A	MUNI	N/A	\$ 4,283,675.60	4TH QRT	District 3	ROW cert won't be ready until 9/18
Franklin Region	608953	SHELBURNE- RESURFACING AND RELATED WORK ON ROUTE 2	Resurfacing	STATE	Approved	N/A	STATE	N/A	\$ 5,000,000.00	4TH QRT	District 1	
Pioneer Valley	606552	NORTHAMPTON- BRIDGE REPLACEMENT, N-19-059, I-91 OVER US ROUTE 5 AND B&MRR, BRIDGE REPLACEMENT, N-19-060, I-91 OVER HOCKANUM ROAD AND IMPROVEMENTS TO I-91/INTERCHANGE 19	Bridge Replacement	STATE	25%	Sketch Plans Approved - Resub 2 (07/18/2017)	STATE	CE/WQC/ACOE	\$ 56,891,766.56	4TH QRT	District 2	being moved to FY20 due TIP constraints
Southeastern Mass	608893	NORTON- MEDIAN CABLE BARRIER INSTALLATION ON I-495	Guard Rail & Fencing	STATE	75%	N/A	STATE	N/A	\$ 769,139.38	4TH QRT	District 5	amended in with STIP Action #3 5/14/18
Statewide	608991	DISTRICT 5- EXPANSION OF ITS ROADWAY EQUIPMENT FOR HIGHWAY OPERATIONS	Intelligent Transportation Sys	STATE	75%	N/A	STATE	CE	\$ 4,252,052.00	4TH QRT	District 5	
Statewide	608477	IPSWICH- ROWLEY- RESURFACING AND RELATED WORK ON ROUTE 1	Resurfacing DOT Owned Non-Interstate	STATE	75%	N/A	STATE	CE	\$ 4,699,995.00	4TH QRT	District 4	
11									\$ 304,693,260.79			
ON ORIGINAL STIP/AMENDED OFF												
Berkshire Region	607760	PITTSFIELD- INTERSECTION & SIGNAL IMPROVEMENTS AT 9 LOCATIONS ALONG SR 8 & SR 9	Traffic Signals	STATE	25%	N/A	STATE	N/A	\$ 2,649,792.25	N/A	District 1	
Boston Region	604952	LYNN- SAUGUS- BRIDGE REPLACEMENT, L-18-016-S-05-008, ROUTE 107 OVER THE SAUGUS RIVER (AKA - BELDEN G. BLY BRIDGE)	Bridge Replacement	STATE	100%	2nd Structural Comments from Hydraulics (03/02/2018)	STATE	WQC/ACOE/CG	\$ 84,278,925.36	N/A	District 4	moved to 2/2/2019
Central Mass	604948	UXBRIDGE- RECONSTRUCTION OF ROUTE 122 (NORTH MAIN STREET), FROM HARTFORD AVENUE TO ROUTE 16	Hwy Reconstr - No Added Capacity	MUNI	100%	N/A	STATE	NOI, CE	\$ 4,423,297.90	N/A	District 3	being replaced by #607250 Paxton
Franklin Region	606507	CHARLEMONT- ROADWAY RECONSTRUCTION AND VILLAGE CENTER TRAFFIC CALMING ON ROUTE 2, FROM MM 29.5 TO MM 31.0	Hwy Reconstr - No Added Capacity	STATE	25%	N/A	STATE	CE/NOI	\$ 6,536,860.76	N/A	District 1	moved to FY19 and replaced by #608953 Shelburne
Franklin Region, Pioneer Valley	608488	AMHERST- LEVERETT- SUNDERLAND- RESURFACING AND RELATED WORK ON ROUTE 63	Resurfacing DOT Owned Non-Interstate	STATE	Approved	N/A	STATE	N/A	\$ 5,160,600.00	N/A	District 2	de-activated as work was incorporated into District-wide contract
Merrimack Valley	606159	NORTH ANDOVER- INTERSECTION & SIGNAL IMPROVEMENTS AT ROUTE 125 & MASSACHUSETTS AVENUE	Hwy Reconstr - Minor Widening	STATE	100%	N/A	STATE	SV, HAZ, SW	\$ 5,738,570.40	N/A	District 4	
Pioneer Valley	604962	HOLLAND- RESURFACING & RELATED WORK ON BRIMFIELD ROAD, FROM THE BRIMFIELD/HOLLAND T.L. TO WALES ROAD (1.4 MILES - PHASE I)	Hwy Reconstr - No Added Capacity	MUNI	75%	N/A	MUNI	CE, RDA	\$ 2,919,445.68	N/A	District 2	TIP constraints and funds will go to #603449 Westfield
Southeastern Mass	607531	NORTON- CORRIDOR IMPROVEMENTS & RELATED WORK ON EAST MAIN STREET (ROUTE 123), FROM PINE STREET TO I-495	Hwy Reconstr - Minor Widening	MUNI	75%	N/A	MUNI	CE/NOI/ACOE/ENF	\$ 7,325,401.17	N/A	District 5	
Montachusett	607127	HUBBARDSTON- BRIDGE REPLACEMENT, H-24-009, EVERGREEN ROAD OVER MASON BROOK	Bridge Replacement	STATE	N/A	N/A	N/A	N/A	\$ 3,365,859.60	N/A	District 3	Article 97
9									\$			

Advertised Original STIP	29	\$ 241,087,729
To Be Advertised Original STIP	52	\$ 282,305,258
Not On Original STIP Amended In	11	\$ 304,693,261
On Original STIP Amended OFF	9	\$ 122,398,753
Total Advertisements	92	\$ 828,086,248

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. However, due to the recent U.S. Court of Appeals decision in *South Coast Air Quality Management District v. EPA*, Case No. 15-1115 that struck down portions of the 2008 Ozone NAAQS SIP Requirements Rule, along with the anti-backsliding requirements associated with the revocation of the 1997 ozone NAAQS a conformity determination, an FFY 2019-2023 Massachusetts Transportation Improvement Program (TIP) air quality conformity determination was required for each MPO in the Commonwealth. This conformity determination was finalized in August, 2018 after each MPO endorsed an amended long range transportation plan, concluding with the Commonwealth providing a conformity analysis (see Appendix A for the full conformity determination). As such, Massachusetts’ air quality conformity determination has been documented and approved by FHWA, FTA, EPA and DEP.

Greenhouse gas tracking

This section summarizes the greenhouse gas (GHG) impacts anticipated to result from the projects that are included in this FFY 2019 – 2023 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 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 primary 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 that 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 2019 – 2023 TIP

The tables summarizing the calculated quantitative and assumed qualitative impacts of the projects included in each regional FFY 2019 – 2023 TIP are found following the investment tables at the end of the STIP.

Public comment

The public comment period closed on June 4, 2018, and the following are comments that MassDOT received. The comments have been paraphrased.

From Ed Kross:

Comment #1: FFY 2019 Project 606223 Acton-Concord Bruce Freeman Rail Trail Construction: Please be sure that project funding for the bridges over Route 2 and the Nashoba Brook remain on schedule. These bridges are key to making the Bruce Freeman Rail Trail an uninterrupted off-road route from Lowell to Sudbury, and eventually to Framingham.

MassDOT Response: 606223 Action – Concord – Bruce Freeman Rail Trail Construction (including bridge replacement over Nashoba Brook, new bridge over Route 2 and new culvert over Wildlife Crossing) Phase II-B is currently programmed in the Boston Region MPO's TIP in FFY 2019 of the FFY 2018-2022 STIP and will remain programmed in FFY 2019 for the FFY 2019-2023 STIP for \$9,196,638. MassDOT will continue to work with the municipalities and their consultant through project development and advertisement for this important segment of the rail trail.

Comment #2: FFY 2021 Project 608228 Framingham Union Avenue Reconstruction. Please consider increasing the thickness of concrete sidewalks from the standard 4-inch to 6 inches. This will greatly increase their useful life. Although cars and trucks are prohibited from parking/driving on sidewalks, the reality is that they do. When heavy trucks drive/park on them, the concrete cracks and deterioration accelerates.

MassDOT Response: 608228 Framingham – Reconstruction of Union Avenue from Proctor Street to Main Street is currently programmed in the Boston Region MPO's TIP in FFY 2021 for \$9,124,364. The standard thickness for concrete sidewalks installed by MassDOT is 4". The use of 6" thick sidewalks is generally limited to sidewalks across driveway openings. However, as the design progresses, the corridor can be reviewed for locations where there is a higher likelihood of trucks parking on the sidewalk and a 6" thick sidewalk will be considered for these locations if required. Your comment has been forwarded to the MassDOT project manager and will be considered during project development.

Comment #3: FFY 2022 Project 608164 Sudbury Bruce Freeman Rail Trail Construction. Please be sure that this project funding remains on schedule. Continuation of the Bruce Freeman Rail Trail from Lowell to Sudbury is an important transportation improvement, encouraging many would-be drivers to bicycle on this off-road alternative. It will enhance safety for those using it while decreasing the motor vehicle traffic along the Route 27 corridor.

MassDOT Response: 608164 Sudbury – Bike Path Construction (Bruce Freeman Rail Trail) is currently programmed in FFY 2022 of the FFY 2018-2022 STIP and will remain programmed in FFY 2022 of the FFY 2019-2023 STIP for \$9,684,778. MassDOT will continue to work with the Town of Sudbury and their consultant through project development and advertisement for this important segment of the rail trail.

From David Levitz:

Requests a feasibility study to be conducted for East-West rail connection.

MassDOT Response: MassDOT will be starting a feasibility study for East-West Passenger Rail within the next few months. A Request for Proposals (RFP) for consultants was issued in June 2018. The funding for this study is included in the FY 2019-2023 CIP under the Planning line item. While the STIP involves only federally aid Highway and Transit projects in the Commonwealth, the Capital Investment Plan (CIP) includes all programs and projects – including funding for studies such as the East-West rail connection - across all Divisions.

2019-2023 investment tables

2019

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 1A / REGIONALLY PRIORITIZED PROJECTS

Regionally Prioritized Projects

Bicycles and Pedestrians

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 MV Regional funding / AC YR 1 of 2 / PSAC Score 33.5; GHG quantified decrease reported in 2020
BICYCLES AND PEDESTRIANS SUBTOTAL:							\$712,712	\$570,170	\$142,542	

Intersection Improvements

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	\$315,844	\$252,675	\$63,169	Construction / CMAQ + SW CMAQ Total Project Cost = \$2,320,914 w/ \$315,844 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	\$2,176,454	\$1,741,163	\$435,291	Construction; Total \$2,176,454; YOY Total \$2,176,454; STP; TEC = 43; 100% Design Recvd 3/15/2018;
2019	608344	NORTHERN MIDDLESEX	CHELMSFORD	CHELMSFORD-INTERSECTION IMPROVEMENTS AT ROUTE 129 AND RIVERNECK ROAD	4	STP	\$4,589,318	\$3,671,454	\$917,864	Construction; Total Project Cost: \$4,871,227; STP, TAP; NMMPO TEC Score: 6.65 out of 18; TAP Proponent: Town of Chelmsford.
2019	608344	NORTHERN MIDDLESEX	CHELMSFORD	CHELMSFORD-INTERSECTION IMPROVEMENTS AT ROUTE 129 AND RIVERNECK ROAD	4	TAP	\$281,909	\$225,527	\$56,382	Construction; Total Project Cost: \$4,871,227; STP, TAP; NMMPO TEC Score: 6.65 out of 18; TAP Proponent: Town of Chelmsford.
2019	608346	NORTHERN MIDDLESEX	TEWKSBURY	TEWKSBURY-INTERSECTION IMPROVEMENTS AT MAIN STREET, SALEM ROAD AND SOUTH STREET	4	CMAQ	\$3,296,077	\$2,636,862	\$659,215	Construction; Total Project Cost: \$3,296,077; CMAQ; NMMPO TEC Score 7.17 out of 18.
2019	608143	OLD COLONY	MULTIPLE	ABINGTON/ BROCKTON - NORTH QUINCY STREET, CHESTNUT STREET, AND BOUNDARY AVENUE ROUNDABOUT AND GEOMETRIC IMPROVEMENTS	5	CMAQ	\$1,139,886	\$911,909	\$227,977	a) Construction; b) Total Project Cost = \$1,218,906 w/ \$1,139,886 of CMAQ funding, and \$79,020 of HSIP funding; d) MPO score 44.72
2019	608143	OLD COLONY	MULTIPLE	ABINGTON/ BROCKTON - NORTH QUINCY STREET, CHESTNUT STREET, AND BOUNDARY AVENUE ROUNDABOUT AND GEOMETRIC IMPROVEMENTS	5	HSIP	\$79,020	\$71,118	\$7,902	a) Construction; b) Total Project Cost = \$1,218,906 w/ \$1,139,886 of CMAQ funding, and \$79,020 of HSIP funding; d) MPO score 44.72

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	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	\$5,143,503	\$4,114,802	\$1,028,701	Construction / (YOE \$5,143,503 STP) / 59 TEC / 25% STP - 75% Due May 27, 2018
2019	608411	PIONEER VALLEY	SPRINGFIELD	SPRINGFIELD- INTERSECTION IMPROVEMENTS AT BAY STREET AND BERKSHIRE AVENUE	2	CMAQ	\$886,880	\$709,504	\$177,376	Construction / (YOE \$1,886,880 STP) / 49.5 TEC / 25% HSIP, CMAQ
2019	608411	PIONEER VALLEY	SPRINGFIELD	SPRINGFIELD- INTERSECTION IMPROVEMENTS AT BAY STREET AND BERKSHIRE AVENUE	2	HSIP	\$1,000,000	\$900,000	\$100,000	Construction / (YOE \$1,886,880 STP) / 49.5 TEC / 25% HSIP, CMAQ
2019	607987	PIONEER VALLEY	WARE	WARE- INTERSECTION IMPROVEMENTS @ MAIN STREET, WEST STREET, NORTH STREET, SOUTH STREET & CHURCH STREET	2	CMAQ	\$1,000,000	\$800,000	\$200,000	Construction / (YOE \$2,475,087) STP) / 55 TEC / 75% STP, CMAQ, TAP
2019	607987	PIONEER VALLEY	WARE	WARE- INTERSECTION IMPROVEMENTS @ MAIN STREET, WEST STREET, NORTH STREET, SOUTH STREET & CHURCH STREET	2	STP	\$1,000,000	\$800,000	\$200,000	Construction / (YOE \$2,475,087) STP) / 55 TEC / 75% STP, CMAQ, TAP
2019	607987	PIONEER VALLEY	WARE	WARE- INTERSECTION IMPROVEMENTS @ MAIN STREET, WEST STREET, NORTH STREET, SOUTH STREET & CHURCH STREET	2	TAP	\$475,087	\$380,070	\$95,017	Construction / (YOE \$2,475,087) STP) / 55 TEC / 75% STP, CMAQ, TAP
2019	607392	SOUTHEASTERN MASSACHUSETTS	SEEKONK	SEEKONK- INTERSECTION IMPROVEMENTS & RELATED WORK AT FALL RIVER AVENUE (ROUTE 114A) AND COUNTY STREET	5	CMAQ	\$2,500,000	\$2,000,000	\$500,000	a) Construction; b) Total Cost = \$2,500,000 CMAQ; d) EC Score 31 of 87; i) Status Pre 75%; CMAQ Eligible
INTERSECTION IMPROVEMENTS SUBTOTAL:							\$23,883,978	\$19,215,084	\$4,668,894	
Non-Interstate Pavement										
2019	608728	MONTACHUSETT	WINCHENDON	WINCHENDON- RESURFACING & RELATED WORK ON ROUTE 202, FROM THE TEMPLETON TOWN LINE TO MAIN STREET (3.1 MILES)	2	STP	\$1,596,635	\$1,277,308	\$319,327	Construction; Total \$1,596,635; YOE Total \$1,596,635; STP; TEC = 38; D2 Project; 100% Design & PS&E;
NON-INTERSTATE PAVEMENT SUBTOTAL:							\$1,596,635	\$1,277,308	\$319,327	
Planning / Adjustments / Pass-throughs										
2019	1570	BOSTON	MULTIPLE	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	6	CMAQ	\$28,184,400	\$22,547,520	\$5,636,880	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	\$28,184,400	\$22,547,520	\$5,636,880	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	MV0001	MERRIMACK VALLEY	AMESBURY	FLEX TO FTA FOR MVRTA NEW BUS UPGRADE TO CLEANER FUEL BUSES	4	STP	\$698,541	\$558,833	\$139,708	e) Transfer to FTA
2019	PV0001	PIONEER VALLEY	MULTIPLE	P21 Express - Year 2 Operating	2	CMAQ	\$500,000	\$400,000	\$100,000	P21 Express - AC Year 2 of 2 Operating CMAQ
PLANNING / ADJUSTMENTS / PASS-THROUGHS SUBTOTAL:							\$57,567,341	\$46,053,873	\$11,513,468	

2019										
YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
Roadway Improvements										
2019	606462	BERKSHIRE	LENOX	LENOX- RECONSTRUCTION & MINOR WIDENING ON WALKER STREET	1	STP	\$2,858,179	\$2,286,543	\$571,636	STP; Total Cost = 8,521,062; AC Year 2 of 2; MPO evaluation score 4 of 8; Design Status: 100%
2019	608351	BERKSHIRE	MULTIPLE	ADAMS- CHESHIRE- LANESBOROUGH- RESURFACING & RECONSTRUCTION ON THE ASHWILLTICOOK RAIL TRAIL, FROM THE PITTSFIELD T.L. TO THE ADAMS VISITOR CENTER	1	STP	\$5,000,000	\$4,000,000	\$1,000,000	STP; Total Cost = 5,000,000; Design Status: <25%
ROADWAY IMPROVEMENTS SUBTOTAL:							\$7,858,179	\$6,286,543	\$1,571,636	
Roadway Reconstruction										
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	\$1,000,000	\$800,000	\$200,000	Construction; CMAQ+HSIP Total Cost = \$2,967,944; 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	\$1,967,944	\$1,771,150	\$196,794	Construction; CMAQ+HSIP Total Cost = \$2,967,944; 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 = \$12,087,144; 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	\$8,352,877	\$6,682,302	\$1,670,575	Construction; CMAQ+TAP+STP Total Cost = \$12,087,144; 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 = \$12,087,144; MPO Evaluation Score = 60
2019	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	\$1,520,271	\$1,216,217	\$304,054	Construction; HSIP+CMAQ Total Cost = \$4,394,886; MPO Evaluation Score = 63

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	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	\$2,874,615	\$2,587,154	\$287,462	Construction; HSIP+CMAQ Total Cost = \$4,394,886; MPO Evaluation Score = 63
2019	605789	BOSTON	BOSTON	BOSTON- RECONSTRUCTION OF MELNEA CASS BOULEVARD	6	STP	\$7,871,248	\$6,296,998	\$1,574,250	Construction; STP+Earmark Total Cost = \$25,315,588 ; 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 ROUTE 9 (NEWTON)	6	CMAQ	\$3,500,000	\$2,800,000	\$700,000	Construction; CMAQ+HSIP+TAP+STP Total Cost = \$26,883,332; 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 ROUTE 9 (NEWTON)	6	HSIP	\$2,875,199	\$2,587,679	\$287,520	Construction; CMAQ+HSIP+TAP+STP Total Cost = \$26,883,332; 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 ROUTE 9 (NEWTON)	6	STP	\$5,519,974	\$4,415,979	\$1,103,995	Construction; CMAQ+HSIP+TAP+STP Total Cost = \$26,883,332; 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 ROUTE 9 (NEWTON)	6	TAP	\$1,546,493	\$1,237,194	\$309,299	Construction; CMAQ+HSIP+TAP+STP Total Cost = \$26,883,332; AC Yr 1 of 2; MPO Evaluation Score = 75; TAP Proponent = MassDOT
2019	606272	CAPE COD	BARNSTABLE	BARNSTABLE- INTERSECTION IMPROVEMENTS AT IYANOUGH ROAD (ROUTE 28) AND YARMOUTH ROAD	5	CMAQ	\$1,146,285	\$917,028	\$229,257	Construction; Total project cost = \$10,758,210 (STP + HSIP + CMAQ + TAP + Statewide 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	HSIP	\$458,514	\$412,663	\$45,851	Construction; Total project cost = \$10,758,210 (STP + HSIP + CMAQ + TAP + Statewide 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	STP	\$8,406,802	\$6,725,442	\$1,681,360	Construction; Total project cost = \$10,758,210 (STP + HSIP + CMAQ + TAP + Statewide NFP); MPO score = 83; Municipality is TAP proponent; RSA performed; CMAQ approved

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	606272	CAPE COD	BARNSTABLE	BARNSTABLE- INTERSECTION IMPROVEMENTS AT IYANOUGH ROAD (ROUTE 28) AND YARMOUTH ROAD	5	TAP	\$205,809	\$164,647	\$41,162	Construction; Total project cost = \$10,758,210 (STP + HSIP + CMAQ + TAP + Statewide NFP); MPO score = 83; Municipality is TAP proponent; RSA performed; CMAQ approved
2019	606125	CENTRAL MASSACHUSETTS	UPTON	UPTON - RECONSTRUCTION OF HIGH STREET AND HOPKINTON ROAD (PHASE I)	3	CMAQ	\$4,205,000	\$3,364,000	\$841,000	Construction / CMAQ + HSIP Total Project Cost = \$7,250,000 / PM Score = 16 / Design Status = 100%
2019	606125	CENTRAL MASSACHUSETTS	UPTON	UPTON - RECONSTRUCTION OF HIGH STREET AND HOPKINTON ROAD (PHASE I)	3	HSIP	\$3,045,000	\$2,740,500	\$304,500	Construction / CMAQ + HSIP Total Project Cost = \$7,250,000 / PM Score = 16 / Design Status = 100%
2019	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 / STP Total Project Cost = \$4,612,400 / PM Score = 12 / Design Status = 100%
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	\$3,724,000	\$2,979,200	\$744,800	Construction / CMAQ + HSIP + STP Total Project Cost = \$7,600,000 / 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	HSIP	\$1,596,000	\$1,436,400	\$159,600	Construction / CMAQ + HSIP + STP Total Project Cost = \$7,600,000 / 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	STP	\$2,280,000	\$1,824,000	\$456,000	Construction / CMAQ + HSIP + STP Total Project Cost = \$7,600,000 / PM Score = 18 / Design Status = 75%
2019	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
2019	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
2019	602418	MERRIMACK VALLEY	AMESBURY	AMESBURY- RECONSTRUCTION OF ELM STREET	4	STP	\$4,065,071	\$3,252,057	\$813,014	a) Construction; b) \$12,064,000 = \$4,065,071 STP 2019 + \$7,998,929 STP 2020; c) AC Year 1 of 2 = \$7,207,810; d) TEC = 5.98 out of 18;
2019	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) \$5,446,662 = \$4,978,312 STP + \$442,956 HSIP + \$25,394 Earmark; d) TEC = 7.95 out of 18; g) Demo ID MA 175
2019	606159	MERRIMACK VALLEY	NORTH ANDOVER	NORTH ANDOVER- INTERSECTION & SIGNAL IMPROVEMENTS AT ROUTE 125 & MASSACHUSETTS AVENUE	4	STP	\$4,978,312	\$3,982,650	\$995,662	a) Construction; b) \$5,446,662 = \$4,978,312 STP + \$442,956 HSIP + \$25,394 Earmark; d) TEC = 7.95 out of 18; g) Demo ID MA 175

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	604961	MONTACHUSETT	CLINTON	CLINTON- RESURFACING & RELATED WORK ON ROUTE 110 (HIGH STREET)	3	STP	\$2,436,388	\$1,949,110	\$487,278	Construction; Total \$2,436,388; YOE Total \$2,436,388; STP; TEC = 36; 75% Under Review;	
2019	607848	MONTACHUSETT	HUBBARDSTON	HUBBARDSTON- RESURFACING AND RELATED WORK ON ROUTE 68, FROM WILLIAMSVILLE ROAD TO THE GARDNER C.L.	3	STP	\$4,044,376	\$3,235,501	\$808,875	Construction; Total \$4,044,376; YOE Total \$4,044,376; STP; TEC = 44; 75% Design; Book Job;	
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	\$4,763,091	\$3,810,473	\$952,618	a) Construction; b) Total Project Cost = \$7,763,091 w/ \$4,763,091 of STP funding, and \$3,000,000 of Statewide CMAQ funding; d) MPO score 39.67	
2019	606912	PIONEER VALLEY	WORTHINGTON	WORTHINGTON- RECONSTRUCTION & RELATED WORK ON ROUTE 143 (PHASE I)	1	STP	\$8,900,000	\$7,120,000	\$1,780,000	Construction / (YOE \$8,900,000) STP / 41.5 TEC / 75% Project Phased Total project cost was \$16,300,000 STP	
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	\$2,622,622	\$2,098,098	\$524,524	Construction / (YOE \$2,622,622 STP) / 27 TEC / 25% STP	
2019	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	\$2,919,446	\$2,335,557	\$583,889	Construction / (YOE \$2,919,446) STP) / 26.5 TEC / 25% - 25% Comment Received	
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 = \$8,500,000 - HSIP (\$896,010) / TAP (\$492,430) / STP (\$7,111,560); d) EC Score 41 of 87; h) Project Proponent - New Bedford; i) Status 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	STP	\$7,111,560	\$5,689,248	\$1,422,312	a) Construction; b) Total Cost = \$8,500,000 - HSIP (\$896,010) / TAP (\$492,430) / STP (\$7,111,560); d) EC Score 41 of 87; h) Project Proponent - New Bedford; i) Status 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	TAP	\$492,430	\$393,944	\$98,486	a) Construction; b) Total Cost = \$8,500,000 - HSIP (\$896,010) / TAP (\$492,430) / STP (\$7,111,560); d) EC Score 41 of 87; h) Project Proponent - New Bedford; i) Status Pre 75%	
2019	607531	SOUTHEASTERN MASSACHUSETTS	NORTON	NORTON- CORRIDOR IMPROVEMENTS & RELATED WORK ON EAST MAIN STREET (ROUTE 123), FROM PINE STREET TO I-495	5	CMAQ	\$5,600,000	\$4,480,000	\$1,120,000	a) Construction; b) Total Cost = \$7,285,663 STP (\$1,685,663) / CMAQ (\$5,600,000) ; d) EC Score 26 of 87; i) Status Pre 75%; Project will include Traffic Signal Installation at I-495 Ramps	
2019	607531	SOUTHEASTERN MASSACHUSETTS	NORTON	NORTON- CORRIDOR IMPROVEMENTS & RELATED WORK ON EAST MAIN STREET (ROUTE 123), FROM PINE STREET TO I-495	5	STP	\$1,685,663	\$1,348,530	\$337,133	a) Construction; b) Total Cost = \$7,285,663 STP (\$1,685,663) / CMAQ (\$5,600,000) ; d) EC Score 26 of 87; i) Status Pre 75%; Project will include Traffic Signal Installation at I-495 Ramps	
ROADWAY RECONSTRUCTION SUBTOTAL:							\$126,614,950	\$102,707,585	\$23,907,366		

2019

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
REGIONALLY PRIORITIZED PROJECTS SUBTOTAL:							\$218,233,795	\$176,110,563	\$42,123,233	
SECTION 1A / REGIONALLY PRIORITIZED PROJECTS TOTAL:							\$218,233,795	\$176,110,563	\$42,123,233	
SECTION 1B / EARMARK OR DISCRETIONARY GRANT FUNDED PROJECTS										
Other Federal Aid										
2019	606890	BERKSHIRE	MULTIPLE	ADAMS- NORTH ADAMS- ASHUWILLTICOOK RAIL TRAIL EXTENSION TO ROUTE 8A (HODGES CROSS ROAD)	1	HPP	\$1,000,000	\$800,000	\$200,000	Design; (SAFETEA-LU, HPP 2850-MA Berkshire County Bike Paths, Design & Construction - \$5,007,375 Earmark Total)
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 = \$25,315,588
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 = \$25,315,588
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 = \$25,315,588
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 = \$25,315,588
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
2019	608892	CENTRAL MASSACHUSETTS	SOUTHBRIDGE	SOUTHBRIDGE - QUINEBAUG RAIL TRAIL AND SLOPE STABILIZATION	3	HPP	\$1,000,000	\$800,000	\$200,000	Construction / Total Project Cost = \$1,000,000 / HPP#2173 - MA156 / Design Status =TBD
2019	606159	MERRIMACK VALLEY	NORTH ANDOVER	NORTH ANDOVER- INTERSECTION & SIGNAL IMPROVEMENTS AT ROUTE 125 & MASSACHUSETTS AVENUE	4	HPP	\$25,394	\$20,315	\$5,079	a) Construction; b) \$5,446,662 = \$4,978,312 STP + \$442,956 HSIP + \$25,394 Earmark; d) TEC = 7.95 out of 18; g) Demo ID MA 175
2019	FBDSE A	SOUTHEASTERN MASSACHUSETTS	NEW BEDFORD	NEW BEDFORD - STATE PIER SEASTREAK FERRY SERVICES	5	OTHER FA	\$1,986,411	\$1,589,129	\$397,282	a) Service; b) \$1,986,411; f) Massachusetts Development Finance Agency ; i) Seastreak Ferry Boat Discretionary Grant
OTHER FEDERAL AID SUBTOTAL:							\$24,961,309	\$19,969,046	\$4,992,263	
SECTION 1B / EARMARK OR DISCRETIONARY GRANT FUNDED PROJECTS TOTAL:							\$24,961,309	\$19,969,046	\$4,992,263	

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	\$1,602,022	\$1,281,618	\$320,404	
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	
2019	608523	BERKSHIRE	PITTSFIELD	PITTSFIELD- BRIDGE REPLACEMENT, P-10-042, NEW ROAD OVER WEST BRANCH OF THE HOUSATONIC RIVER	1	STP-BR-OFF	\$1,587,096	\$1,269,677	\$317,419	
2019	608263	BERKSHIRE	SHEFFIELD	SHEFFIELD- BRIDGE REPLACEMENT, S-10-019, BERKSHIRE SCHOOL ROAD OVER SCHENOB BROOK	1	STP-BR-OFF	\$3,479,307	\$2,783,446	\$695,861	
2019	608255	BOSTON	STOW	STOW- BRIDGE REPLACEMENT, S-29-011, BOX MILL ROAD OVER ELIZABETH BROOK	3	STP-BR-OFF	\$3,612,223	\$2,889,779	\$722,445	
2019	608079	BOSTON	SHARON	SHARON- BRIDGE REPLACEMENT, S-09-003 (40N), MASKWONICUT STREET OVER AMTRAK/MBTA	5	STP-BR-OFF	\$2,683,087	\$2,146,469	\$536,617	
2019	608190	CENTRAL MASSACHUSETTS	BROOKFIELD	BROOKFIELD - EAST BROOKFIELD - BRIDGE REPLACEMENT, B-26-006 = E-02-001, SOUTH POND ROAD OVER SOUTH POND INLET	3	STP-BR-OFF	\$1,857,041	\$1,485,633	\$371,408	Construction
2019	608260	MONTACHUSETT	ATHOL	ATHOL- BRIDGE REPLACEMENT, A-15-005, WASHINGTON AVE OVER ATHOL POND OUTLET	2	STP-BR-OFF	\$2,485,419	\$1,988,335	\$497,084	
2019	607127	MONTACHUSETT	HUBBARDSTON	HUBBARDSTON- BRIDGE REPLACEMENT, H-24-009, EVERGREEN ROAD OVER MASON BROOK	3	STP-BR-OFF	\$3,365,860	\$2,692,688	\$673,172	
2019	608259	MONTACHUSETT	TOWNSEND	TOWNSEND- BRIDGE REPLACEMENT, T-07-013, WEST MEADOW ROAD OVER LOCKE BROOK	3	STP-BR-OFF	\$991,896	\$793,517	\$198,379	
2019	607534	NORTHERN MIDDLESEX	TEWKSBURY	TEWKSBURY-BRIDGE REPLACEMENT, T-03-003, MILL STREET OVER SHAWSHEEN RIVER	4	STP-BR-OFF	\$2,160,000	\$1,728,000	\$432,000	
2019	608429	PIONEER VALLEY	MIDDLEFIELD	MIDDLEFIELD- BRIDGE SUPERSTRUCTURE REPLACEMENT, M-19-010, CHESTER ROAD OVER SMART BROOK	1	STP-BR-OFF	\$970,807	\$776,645	\$194,162	
BRIDGE PROGRAM / OFF-SYSTEM SUBTOTAL:							\$26,306,622	\$21,045,298	\$5,261,324	
Bridge Program / On System (NHS)										
2019	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	\$14,894,228	\$11,915,382	\$2,978,846	AC Year 1 of 5, Total Cost \$74,471,140
2019	604173	BOSTON	BOSTON	BOSTON- BRIDGE REPLACEMENT, B-16-016, NORTH WASHINGTON STREET OVER THE BOSTON INNER HARBOR	6	NHPP-ON	\$25,184,931	\$20,147,945	\$5,036,986	AC Year 3 of 6, Total Project Cost = \$193,058,158.

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	605287	BOSTON	CHELSEA	CHELSEA- ROUTE 1 VIADUCT REHABILITATION (SB/NB) ON C-09-007 & C-09-011	6	NHPP-ON	\$71,677,130	\$57,341,704	\$14,335,426	AC Year 2 of 4, Total Cost \$213,972,689
2019	605306	MERRIMACK VALLEY	HAVERHILL	HAVERHILL - BRIDGE REPLACEMENT, H-12-039, I-495 (NB & SB) OVER MERRIMACK RIVER	4	NHPP-ON	\$23,703,426	\$18,962,741	\$4,740,685	AC Year 2 of 6, Total Cost \$118,786,388
BRIDGE PROGRAM / ON-SYSTEM (NHS) SUBTOTAL:							\$135,459,715	\$108,367,772	\$27,091,943	
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	
BRIDGE PROGRAM / ON-SYSTEM (NON-NHS) SUBTOTAL:							\$7,860,160	\$6,288,128	\$1,572,032	
Bridge Program / Systematic Maintenance										
2019	608234	BOSTON	RANDOLPH	RANDOLPH- BRIDGE PRESERVATION OF 2 BRIDGES: R-01-005 & R-01-007	6	NHPP-ON	\$4,984,738	\$3,987,791	\$996,948	
2019	607908	CENTRAL MASSACHUSETTS	HOLDEN	HOLDEN - BRIDGE MAINTENANCE OF H-18-028 & 029, I-190 OVER RIVER STREET & QUINAPOXET RIVER	3	NHPP-ON	\$466,076	\$372,861	\$93,215	Construction
2019	608257	NORTHERN MIDDLESEX	LOWELL	LOWELL-DECK REPLACEMENT, L-15-068 (2H5) AND (2HG), LOWELL CONNECTOR OVER INDUSTRIAL AVENUE EAST	4	NHPP-ON	\$4,007,143	\$3,205,714	\$801,429	
2019	TBA	STATEWIDE	MULTIPLE	DISTRICT 1- SYSTEMATIC BRIDGE MAINTENANCE AT VARIOUS LOCATIONS (2019)	1	NHPP-OFF	\$522,200	\$417,760	\$104,440	
2019	608251	STATEWIDE	MULTIPLE	DISTRICT 2- SYSTEMATIC BRIDGE MAINTENANCE AT VARIOUS LOCATIONS (2019)	2	NHPP-OFF	\$1,989,000	\$1,591,200	\$397,800	
BRIDGE PROGRAM / SYSTEMATIC MAINTENANCE SUBTOTAL:							\$11,969,157	\$9,575,326	\$2,393,832	
Interstate Pavement										
2019	608219	BOSTON	MULTIPLE	READING- WAKEFIELD- RESURFACING AND RLATED WORK ON I-95	4	NHPP	\$4,123,392	\$3,711,053	\$412,339	
2019	607560	PIONEER VALLEY	MULTIPLE	CHICOPEE- HOLYOKE- INTERSTATE MAINTENANCE AND RELATED WORK ON I-391	2	NHPP	\$11,309,875	\$10,178,888	\$1,130,988	
2019	608824	SOUTHEASTERN MASSACHUSETTS	ATTLEBORO	ATTLEBORO- PAVEMENT PRESERVATION AND RELATED WORK ON I-95	5	NHPP	\$7,731,360	\$6,958,224	\$773,136	
2019	608828	SOUTHEASTERN MASSACHUSETTS	MIDDLEBOROUGH	MIDDLEBOROUGH- PAVEMENT PRESERVATION AND RELATED WORK ON I-495	5	NHPP	\$7,267,478	\$6,540,730	\$726,748	
INTERSTATE PAVEMENT SUBTOTAL:							\$30,432,105	\$27,388,895	\$3,043,211	
Non Interstate Pavement										
2019	608468	BOSTON	MULTIPLE	PEABODY- DANVERS- RESURFACING AND RELATED WORK ON ROUTE 1	4	NHPP	\$11,628,900	\$9,303,120	\$2,325,780	
2019	608493	BOSTON	TOPSFIELD	TOPSFIELD- RESURFACING AND RELATED WORK ON ROUTE 1	4	NHPP	\$9,086,000	\$7,268,800	\$1,817,200	

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- RESURFACING AND RELATED WORK ON ROUTE 109	6	NHPP	\$5,525,503	\$4,420,402	\$1,105,101	
2019	608475	MONTACHUSETT	MULTIPLE	LANCASTER- HARVARD- LITTLETON RESURFACING AND RELATED WORK ON ROUTE 2	3	NHPP	\$18,585,000	\$14,868,000	\$3,717,000	
2019	607474	PIONEER VALLEY	MULTIPLE	GRANBY- SOUTH HADLEY- RESURFACING AND RELATED WORK ON ROTUE 202	2	NHPP	\$5,752,500	\$4,602,000	\$1,150,500	
2019	608223	SOUTHEASTERN MASSACHUSETTS	FALL RIVER	FALL RIVER- RELATED WORK ON ROUTE 24	5	NHPP	\$10,676,640	\$8,541,312	\$2,135,328	
2019	608454	SOUTHEASTERN MASSACHUSETTS	MULTIPLE	MIDDLEBOROUGH- CARVER- RESURFACING AND RELATED WORK ON ROUTE 44	5	NHPP	\$8,656,480	\$6,925,184	\$1,731,296	
2019	608222	STATEWIDE	MULTIPLE	BOURNE- WAREHAM- RESURFACING AND RELATED WORK ON ROUTE 25	5	NHPP	\$5,918,880	\$4,735,104	\$1,183,776	
NON-INTERSTATE PAVEMENT SUBTOTAL:							\$75,829,903	\$60,663,922	\$15,165,981	
Roadway Improvements										
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	
ROADWAY IMPROVEMENTS SUBTOTAL:							\$1,500,000	\$1,200,000	\$300,000	
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	\$3,610,630	\$902,658	
2019	608206	BOSTON	MULTIPLE	CHELSEA TO DANVERS- GUIDE AND TRAFFIC SIGN REPLACEMENT ON A SECTION OF US ROUTE 1	4	NHPP	\$7,195,084	\$5,756,067	\$1,439,017	
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	
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; MPO score =38
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	
2019	608600	PIONEER VALLEY	MULTIPLE	CHICOPEE- WEST SPRINGFIELD- HIGHWAY LIGHTING UPGRADE ON I-91	2	NHPP	\$4,300,759	\$3,440,607	\$860,152	
2019	608582	STATEWIDE	MULTIPLE	STATEWIDE-VARIOUS SAFETY STRATEGIES TO ADDRESS SHSP - TO BE DETERMINED IN CONSULTATION WITH FHWA IN 2019	Multi	HSIP	\$6,103,182	\$5,492,864	\$610,318	
SAFETY IMPROVEMENTS SUBTOTAL:							\$35,555,556	\$29,698,237	\$5,857,319	
SECTION 2A / STATE PRIORITIZED RELIABILITY PROJECTS TOTAL:							\$324,913,218	\$264,227,578	\$60,685,642	

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 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	609085	STATEWIDE	MULTIPLE	DISTRICT 5- EXPANSION OF ITS ROADWAY DEVICES FOR HIGHWAY OPERATIONS	5	NHPP	\$3,700,000	\$2,960,000	\$740,000	
2019	608838	STATEWIDE	MULTIPLE	STATEWIDE- EXPANSION OF HIGHWAY OPERATIONS CENTER INCIDENT DETECTION SYSTEMS	Multi	NFP	\$1,500,000	\$1,200,000	\$300,000	i) This is for a software system at the HOC.
2019	609084	STATEWIDE	MULTIPLE	DISTRICT 4- DISTRICT 6- EXPANSION OF ITS ROADWAY DEVICES FOR HIGHWAY OPERATIONS	Multi	NHPP	\$3,369,500	\$2,695,600	\$673,900	c) AC YR 1 of 2, TFPC=\$3,700,000.
2019	606938	STATEWIDE	MULTIPLE	DISTRICTS 4 AND 6 - EXPANSION OF ITS EQUIPMENT (CCTV CAMERAS, TRAFFIC SENSORS, AND VMS) FOR HIGHWAY OPERATIONS	Multi	NHPP	\$5,180,500	\$4,144,400	\$1,036,100	c) AC YR 2 of 2, TFPC=\$7,872,900.
INTELLIGENT TRANSPORTATION SYSTEMS SUBTOTAL:							\$13,750,000	\$11,000,000	\$2,750,000	
Intersection Improvements										
2019	607760	BERKSHIRE	PITTSFIELD	PITTSFIELD- INTERSECTION & SIGNAL IMPROVEMENTS AT 9 LOCATIONS ALONG SR 8 & SR 9	1	HSIP	\$3,000,000	\$2,700,000	\$300,000	
2019	607249	BOSTON	SUDBURY	SUDBURY- INTERSECTION IMPROVEMENTS @ ROUTE 20 & LANDHAM ROAD	3	HSIP	\$1,974,736	\$1,777,263	\$197,474	
2019	608755	BOSTON	BOSTON	BOSTON- INTERSECTION IMPROVEMENTS AT MORTON STREET AND HARVARD STREET	6	HSIP	\$1,500,000	\$1,350,000	\$150,000	
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 project cost = \$10,758,210 (STP + HSIP + CMAQ + TAP + Statewide NFP); MPO score = 83; Municipality is TAP proponent; RSA performed; CMAQ approved
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 / CMAQ + SW CMAQ Total Project Cost = \$2,320,914 w/ \$315,844 In Central Mass MPO funding / PSAC score 44 / Design Status = 25%

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	607757	CENTRAL MASSACHUSETTS	WORCESTER	WORCESTER - SIGNAL & INTERSECTION IMPROVEMENTS ON ROUTE SR 122A (PROVIDENCE STREET) AT MILLBURY STREET & MCKEON ROAD	3	NFP	\$1,100,000	\$880,000	\$220,000	Construction
2019	609003	STATEWIDE	MULTIPLE	WELLESLEY TO WORCESTER - CONNECTED VEHICLE TIMING AND COMMUNICATION CORRIDOR IMPROVEMENTS ON ROUTE 9.	Multi	CMAQ	\$4,000,000	\$3,200,000	\$800,000	
2019	608582	STATEWIDE	MULTIPLE	STATEWIDE-VARIOUS SAFETY STRATEGIES TO ADDRESS SHSP - TO BE DETERMINED IN CONSULTATION WITH FHWA IN 2019	Multi	HSIP	\$8,325,742	\$7,493,168	\$832,574	

INTERSECTION IMPROVEMENTS SUBTOTAL: \$22,446,348 \$19,437,127 \$3,009,222

Roadway Reconstruction										
2019	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
2019	608792	MERRIMACK VALLEY	NEWBURYPORT	NEWBURYPORT- IMPROVEMENTS AT NOCK MIDDLE SCHOOL & MOLIN UPPER ELEMENTARY SCHOOL (SRTS)	4	TAP	\$1,866,615	\$1,493,292	\$373,323	
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	\$3,000,000	\$2,400,000	\$600,000	a) Construction; b) Total Project Cost = \$7,763,091 w/ \$4,763,091 of STP funding, and \$3,000,000 of Statewide CMAQ funding; d) MPO score 39.67
2019	608790	PIONEER VALLEY	HOLYOKE	HOLYOKE- IMPROVEMENTS AT KELLY COMMUNITY SCHOOL (SRTS)	2	TAP	\$1,264,935	\$1,011,948	\$252,987	
2019	606555	PIONEER VALLEY	NORTHAMPTON	NORTHAMPTON- ROUNDABOUT CONSTRUCTION AT INTERSECTION ROUTES 5/10 (NORTH KING STREET) & HATFIELD STREET	2	CMAQ	\$4,109,480	\$3,287,584	\$821,896	

ROADWAY RECONSTRUCTION SUBTOTAL: \$11,569,941 \$9,255,953 \$2,313,988

SECTION 2B / STATE PRIORITIZED MODERNIZATION PROJECTS TOTAL: \$50,744,662 \$42,075,778 \$8,668,885

SECTION 2C / STATE PRIORITIZED EXPANSION PROJECTS

Bicycles and Pedestrians										
2019	607254	BERKSHIRE	MULTIPLE	NORTH ADAMS- WILLIAMSTOWN- MOHAWK BICYCLE/PEDESTRIAN TRAIL	1	CMAQ	\$4,861,034	\$3,888,827	\$972,207	Construction/ PSAC score 31
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	\$9,196,638	\$7,357,311	\$1,839,328	Construction / PSAC score 31.5

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	606316	BOSTON	BROOKLINE	BROOKLINE- PEDESTRIAN BRIDGE REHABILITATION, B-27-016, OVER MBTA OFF CARLTON STREET	6	CMAQ	\$2,939,404	\$2,351,523	\$587,881	Construction / Total Project Cost \$3,690,510 w/ additional funding from earmark at \$751,106
2019	608193	MONTACHUSETT	MULTIPLE	FITCHBURG- LEOMINSTER- RAIL TRAIL CONSTRUCTION (TWIN CITIES RAIL TRAIL)	3	CMAQ	\$11,059,443	\$8,847,554	\$2,211,889	Construction / PSAC score 45 / Total Project Cost \$18,030,899 / AC YR 1 of 2
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	\$9,587,018	\$7,669,614	\$1,917,404	Construction / Total Project Cost \$10,179,239 / AC YR 2 of 2 / PSAC score 20
BICYCLES AND PEDESTRIANS SUBTOTAL:							\$44,176,432	\$35,341,145	\$8,835,288	
SECTION 2C / STATE PRIORITIZED EXPANSION PROJECTS TOTAL:							\$44,176,432	\$35,341,145	\$8,835,288	

SECTION 3 / PLANNING / ADJUSTMENTS / PASS-THROUGHS

Planning / Adjustments / Pass throughs

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	EVCHG	STATEWIDE	MULTIPLE	Electric Vehicle Charging Stations	Multi	CMAQ	\$1,500,000	\$900,000	\$600,000	
2019	EWO	STATEWIDE	MULTIPLE	Award adjustments, change orders, etc.	Multi	CMAQ	\$1,631,250	\$1,305,000	\$326,250	
2019	MRTDM 19	STATEWIDE	MULTIPLE	MassRides: Travel Demand Management	Multi	CMAQ	\$3,125,000	\$2,500,000	\$625,000	
2019	EWO	STATEWIDE	MULTIPLE	Award adjustments, change orders, etc.	Multi	HSIP	\$3,267,706	\$2,940,935	\$326,771	
2019	FPIRT19	STATEWIDE	MULTIPLE	Flex to Rail & Transit for Freight Plan Implementation	Multi	NFP	\$2,526,606	\$2,021,285	\$505,321	
2019	EWO	STATEWIDE	MULTIPLE	Award adjustments, change orders, etc.	Multi	NHPP	\$8,865,619	\$7,092,495	\$1,773,124	
2019	ABPGA N	STATEWIDE	MULTIPLE	ABP GANS Repayment	Multi	NHPP	\$65,615,392	\$65,615,392	\$0	
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										
YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2019	SRT19	STATEWIDE	MULTIPLE	Recreational Trails	Multi	REC	\$3,149,386	\$2,519,509	\$629,877	
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	\$5,981,250	\$4,785,000	\$1,196,250	
2019	ABPGAN	STATEWIDE	MULTIPLE	ABP GANS Repayment	Multi	STP-BR-OFF	\$399,608	\$399,608	\$0	
2019	EWO	STATEWIDE	MULTIPLE	Award adjustments, change orders, etc.	Multi	STP-BR-OFF	\$2,175,000	\$1,740,000	\$435,000	
2019	MREDU19	STATEWIDE	MULTIPLE	MassRides: SRTS Education	Multi	TAP	\$200,000	\$160,000	\$40,000	
2019	EWO	STATEWIDE	MULTIPLE	Award adjustments, change orders, etc.	Multi	TAP	\$543,750	\$435,000	\$108,750	
2019	BN0008	BOSTON	NEWBURYPORT	Parker River National Wildlife Refuge - Replace Hellcat Trail Boardwalk	4	OTHER FA	\$1,200,000	\$960,000	\$240,000	
PLANNING / ADJUSTMENTS / PASS-THROUGHS SUBTOTAL:							\$133,111,489	\$120,141,184	\$12,970,305	
SECTION 3 / PLANNING / ADJUSTMENTS / PASS-THROUGHS TOTAL:							\$133,111,489	\$120,141,184	\$12,970,305	
TOTAL	YEAR 2019						\$796,140,905	\$657,865,294	\$138,275,616	

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										
2020	609067	CAPE COD	BARNSTABLE	BARNSTABLE- CONSTRUCTION OF A SHARED USE PATH ALONG BEARSES WAY, FROM THE DPW DRIVEWAY TO PITCHERS WAY	5	STP	\$1,149,200	\$919,360	\$229,840	Construction; Total project cost = \$1,149,200 with 4% inflation; MPO score = 77
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	\$739,365	\$591,492	\$147,873	Construction/Total Project Cost = \$4,388,393 (2019 \$4,563,929 including 4% inflation) \$3,179,390 Statewide CMAQ and \$1,384,538 of MV Regional funding / AC YR 2 of 2 / PSAC Score 33.5
2020	608027	MERRIMACK VALLEY	HAVERHILL	HAVERHILL- BRADFORD RAIL TRAIL EXTENSION, FROM ROUTE 125 TO RAILROAD STREET	4	STP	\$1,062,149	\$849,719	\$212,430	a) Construction; b) \$1,131,000 (inflated 4% from 2019 cost) = \$1,062,149 STP + \$68,851 TAP; 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) \$1,131,000 (inflated 4% from 2019 cost) = \$1,062,149 STP + \$68,851 TAP; d) TEC = 7.15 out of 18;
BICYCLES AND PEDESTRIANS SUBTOTAL:							\$3,019,565	\$2,415,652	\$603,913	
Intersection Improvements										
2020	608779	MONTACHUSETT	LANCASTER	LANCASTER- INTERSECTION IMPROVEMENTS ON ROUTE 117/ROUTE 70 AT LUNENBURG ROAD AND ROUTE 117/ROUTE 70 AT MAIN STREET	3	CMAQ	\$1,000,000	\$800,000	\$200,000	Construction; Total \$2,500,590; YOE Total \$2,600,614; HSIP/CMAQ/STP; TEC = 62; 25% Design;
2020	608779	MONTACHUSETT	LANCASTER	LANCASTER- INTERSECTION IMPROVEMENTS ON ROUTE 117/ROUTE 70 AT LUNENBURG ROAD AND ROUTE 117/ROUTE 70 AT MAIN STREET	3	HSIP	\$1,000,000	\$900,000	\$100,000	
2020	608779	MONTACHUSETT	LANCASTER	LANCASTER- INTERSECTION IMPROVEMENTS ON ROUTE 117/ROUTE 70 AT LUNENBURG ROAD AND ROUTE 117/ROUTE 70 AT MAIN STREET	3	STP	\$600,614	\$480,491	\$120,123	
2020	608375	NORTHERN MIDDLESEX	CHELMSFORD	CHELMSFORD-INTERSECTION IMPROVEMENTS AT BOSTON ROAD AND CONCORD ROAD	4	STP	\$2,577,173	\$2,061,738	\$515,435	Construction; Total Project Cost at 2020 YOE: \$2,577,173 (\$2,478,051); STP; NMMPO TEC Score: 5.02 out of 18.
2020	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 = \$3,966,289 w/ \$2,826,403 of STP funding, and \$1,139,886 of CMAQ funding; d) MPO score 45.83
2020	606143	OLD COLONY	BROCKTON	BROCKTON - INTERSECTION IMPROVEMENTS @ CRESCENT STREET (ROUTE 27)/ QUINCY STREET/ MASSASOIT BOULEVARD	5	STP	\$2,826,403	\$2,261,122	\$565,281	a) Construction; b) Total Project Cost = \$3,966,289 w/ \$2,826,403 of STP funding, and \$1,139,886 of CMAQ funding; d) MPO score 45.83

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	607719	SOUTHEASTERN MASSACHUSETTS	MIDDLEBOROUGH	MIDDLEBOROUGH- INTERSECTION IMPROVEMENTS & RELATED WORK AT EVERETT SQUARE	5	STP	\$1,221,871	\$977,497	\$244,374	a) Construction; b) Total Cost = \$1,221,871 STP d) EC Score 14 of 87; i) Status Pre 25%
2020	606718	SOUTHEASTERN MASSACHUSETTS	NEW BEDFORD	NEW BEDFORD- INTERSECTION IMPROVEMENTS AT HATHAWAY ROAD, MOUNT PLEASANT STREET AND NAUSET STREET	5	STP	\$2,473,545	\$1,978,836	\$494,709	a) Construction; b) Total Cost = \$2,473,545 STP; d) EC Score 38 of 87; i) Status Pre 25%;
INTERSECTION IMPROVEMENTS SUBTOTAL:							\$12,839,492	\$10,371,593	\$2,467,899	
Planning / Adjustments / Pass-throughs										
2020	1570	BOSTON	MULTIPLE	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	6	CMAQ	\$20,031,200	\$16,024,960	\$4,006,240	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
PLANNING / ADJUSTMENTS / PASS-THROUGHS SUBTOTAL:							\$20,031,200	\$16,024,960	\$4,006,240	
Roadway Improvements										
2020	607328	BERKSHIRE	ADAMS	ADAMS- PAVEMENT REHABILITATION & RELATED WORK ON ROUTE 8	1	CMAQ	\$490,148	\$392,118	\$98,030	STP + CMAQ ; Total Cost = 6,025,776; MPO evaluation score 5 of 8; Design Status: <25%; YOE = 4%
2020	607328	BERKSHIRE	ADAMS	ADAMS- PAVEMENT REHABILITATION & RELATED WORK ON ROUTE 8	1	STP	\$5,535,628	\$4,428,502	\$1,107,126	STP + CMAQ ; Total Cost = 6,025,776; MPO evaluation score 5 of 8; Design Status: <25%; YOE = 4%
2020	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 = 1,820,000; MPO evaluation score 4 of 8; Design Status: <25%; YOE = 4%
2020	608768	BERKSHIRE	PITTSFIELD	PITTSFIELD- RESURFACING AND RELATED WORK ON MERRILL ROAD, FROM JUNCTION ROAD TO EAST STREET	1	STP	\$1,464,036	\$1,171,229	\$292,807	STP + HSIP; Total Cost = 1,820,000; MPO evaluation score 4 of 8; Design Status: <25%; YOE = 4%
2020	608350	NORTHERN MIDDLESEX	DRACUT	DRACUT-IMPROVEMENTS ON NASHUA ROAD	4	STP	\$5,458,891	\$4,367,113	\$1,091,778	Construction; Total Project Cost at 2020 YOE: \$5,740,800 (\$5,520,000); STP, TAP; NMMPO TEC Score: 7.42 out of 18; TAP proponent: Town of Dracut.
2020	608350	NORTHERN MIDDLESEX	DRACUT	DRACUT-IMPROVEMENTS ON NASHUA ROAD	4	TAP	\$281,909	\$225,527	\$56,382	Construction; Total Project Cost at 2020 YOE: \$5,740,800 (\$5,520,000); STP, TAP; NMMPO TEC Score: 7.42 out of 18; TAP proponent: Town of Dracut.
2020	604694	NORTHERN MIDDLESEX	LOWELL	LOWELL-CONNECTOR RECONSTRUCTION, FROM THORNDIKE STREET TO GORHAM STREET	4	HSIP	\$975,000	\$877,500	\$97,500	Construction; Total Project Cost at 2020 YOE: \$975,000 (\$937,500); HSIP; NMMPO TEC Score: 5.72 out of 18.
ROADWAY IMPROVEMENTS SUBTOTAL:							\$14,561,576	\$11,782,357	\$2,779,219	
Roadway Reconstruction										

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	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 = \$14,094,251; 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	\$10,987,770	\$8,790,216	\$2,197,554	Construction; STP+CMAQ+TAP Total Cost = \$14,094,251; 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 = \$14,094,251; MPO Evaluation Score = 54; TAP Proponent = MassDOT
2020	606043	BOSTON	HOPKINTON	HOPKINTON- SIGNAL & INTERSECTION IMPROVEMENTS ON ROUTE 135	3	CMAQ	\$2,365,425	\$1,892,340	\$473,085	Construction; CMAQ+STP Total Cost = \$8,264,619
2020	606043	BOSTON	HOPKINTON	HOPKINTON- SIGNAL & INTERSECTION IMPROVEMENTS ON ROUTE 135	3	STP	\$5,899,194	\$4,719,355	\$1,179,839	Construction; CMAQ+STP Total Cost = \$8,264,619
2020	607652	BOSTON	EVERETT	EVERETT- RECONSTRUCTION OF FERRY STREET, SOUTH FERRY STREET AND A PORTION OF ELM STREET	4	CMAQ	\$1,884,270	\$1,507,416	\$376,854	Construction; CMAQ+STP+HSIP+TAP Total Cost = \$16,764,338; MPO Evaluation Score = 73
2020	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 = \$16,764,338; MPO Evaluation Score = 73
2020	607652	BOSTON	EVERETT	EVERETT- RECONSTRUCTION OF FERRY STREET, SOUTH FERRY STREET AND A PORTION OF ELM STREET	4	STP	\$13,105,360	\$10,484,288	\$2,621,072	Construction; CMAQ+STP+HSIP+TAP Total Cost = \$16,764,338; MPO Evaluation Score = 73
2020	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 = \$16,764,338; MPO Evaluation Score = 73; TAP Proponent = Everett
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 = \$4,579,576; MPO Evaluation Score = 38
2020	602077	BOSTON	LYNN	LYNN- RECONSTRUCTION ON ROUTE 129 (LYNNFIELD STREET), FROM GREAT WOODS ROAD TO WYOMA SQUARE	4	STP	\$3,579,576	\$2,863,661	\$715,915	Construction; CMAQ+STP Total Cost = \$4,579,576; MPO Evaluation Score = 38
2020	608275	BOSTON	MALDEN	MALDEN - EXCHANGE STREET DOWNTOWN IMPROVEMENT PROJECT	4	CMAQ	\$1,000,000	\$800,000	\$200,000	Construction; CMAQ+STP Total Cost = \$1,553,760; MPO Evaluation Score = 59
2020	608275	BOSTON	MALDEN	MALDEN - EXCHANGE STREET DOWNTOWN IMPROVEMENT PROJECT	4	STP	\$553,760	\$443,008	\$110,752	Construction; CMAQ+STP Total Cost = \$1,553,760; MPO Evaluation Score = 59
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 = \$16,749,233; 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	\$13,890,796	\$11,112,637	\$2,778,159	Construction; STP+CMAQ+TAP Total Cost = \$16,749,233; 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 = \$16,749,233; MPO Evaluation Score = 51; TAP Proponent = MassDOT

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	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; NHPP+STP+TAP Total Cost = \$152,000,000; AC Yr 1 of 5; Total funding in this TIP = \$116,626,515; MPO Evaluation Score = 59
2020	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	\$3,044,110	\$2,739,699	\$304,411	Construction; CMAQ+HSIP+TAP+STP Total Cost = \$26,883,332; 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 REOUT 9 (NEWTON)	6	STP	\$10,397,556	\$8,318,045	\$2,079,511	Construction; CMAQ+HSIP+TAP+STP Total Cost = \$26,883,332; 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	\$1,146,285	\$917,028	\$229,257	Construction; Total project cost = \$4,710,734 with 4% 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	\$3,564,449	\$2,851,559	\$712,890	Construction; Total project cost = \$4,710,734 with 4% inflation (STP + CMAQ); MPO score = 82
2020	607319	CAPE COD	MASHPEE	MASHPEE- CORRIDOR IMPROVEMENTS & RELATED WORK ON NATHAN ELLIS HIGHWAY (ROUTE 151), FROM MASHPEE ROTARY TO FALMOUTH T.L.	5	HSIP	\$458,514	\$412,663	\$45,851	Construction; Total project cost = \$13,407,023 with 4% inflation (2020 STP + 2020 HSIP + 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	607319	CAPE COD	MASHPEE	MASHPEE- CORRIDOR IMPROVEMENTS & RELATED WORK ON NATHAN ELLIS HIGHWAY (ROUTE 151), FROM MASHPEE ROTARY TO FALMOUTH T.L.	5	STP	\$4,205,677	\$3,364,542	\$841,135	Construction; Total project cost = \$13,407,023 with 4% inflation (2020 STP + 2020 HSIP + 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	607319	CAPE COD	MASHPEE	MASHPEE- CORRIDOR IMPROVEMENTS & RELATED WORK ON NATHAN ELLIS HIGHWAY (ROUTE 151), FROM MASHPEE ROTARY TO FALMOUTH T.L.	5	TAP	\$205,809	\$164,647	\$41,162	Construction; Total project cost = \$13,407,023 with 4% inflation (2020 STP + 2020 HSIP + 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	\$8,320,000	\$6,656,000	\$1,664,000	Construction / STP Total Project Cost = \$8,320,000 / PM Score = 15 / Design Status = 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	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	\$2,184,000	\$1,747,200	\$436,800	a) Construction; b) Total Project Cost = \$62,433,862 w/\$11,386,727 of Central Mass regional funding in 2020 and 2021/AC YR 1 of 4
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	\$873,600	\$786,240	\$87,360	a) Construction; b) Total Project Cost = \$62,433,862 w/\$11,386,727 of Central Mass regional funding in 2020 and 2021/AC YR 1 of 4
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	\$3,182,400	\$2,545,920	\$636,480	a) Construction; b) Total Project Cost = \$62,433,862 w/\$11,386,727 of Central Mass regional funding in 2020 and 2021/AC YR 1 of 4
2020	608764	CENTRAL MASSACHUSETTS	UPTON	UPTON - RECONSTRUCTION OF HARTFORD AVENUE NORTH AND HIGH STREET (PHASE II)	3	STP	\$4,673,542	\$3,738,834	\$934,708	Construction / STP + TAP Total Project Cost = \$5,192,824 / PM Score = 14 / Design Status = 75%
2020	608764	CENTRAL MASSACHUSETTS	UPTON	UPTON - RECONSTRUCTION OF HARTFORD AVENUE NORTH AND HIGH STREET (PHASE II)	3	TAP	\$519,282	\$415,426	\$103,856	Construction / STP + TAP Total Project Cost = \$5,192,824 / PM Score = 14 / Design Status = 75% / Project Propent is the town of Upton
2020	607538	FRANKLIN	COLRAIN	COLRAIN- INTERSECTION IMPROVEMENTS @ MAIN ROAD, JACKSONVILLE ROAD (ROUTE 112) & GREENFIELD ROAD	1	STP	\$1,626,240	\$1,300,992	\$325,248	Construction; total project cost of \$1,563,692 inflated 4% per year to \$1,626,240; TEC score 11.3
2020	602418	MERRIMACK VALLEY	AMESBURY	AMESBURY- RECONSTRUCTION OF ELM STREET	4	STP	\$7,998,929	\$6,399,143	\$1,599,786	a) Construction; b) \$12,064,000 = \$4,065,071 STP 2019 + \$7,998,929 STP 2020; c) AC Year 2 of 2 = \$7,998,929; d) TEC = 5.98 out of 18;
2020	605651	MONTACHUSETT	LEOMINSTER	LEOMINSTER- RECONSTRUCTION ON ROUTE 13, FROM HAWES STREET TO PROSPECT STREET	3	CMAQ	\$1,200,000	\$960,000	\$240,000	Construction; Total \$5,462,558; YOE Total \$5,681,060; HSIP/CMAQ/TAP/STP; TEC = 64; TAP Proponent State/Leominster; cost includes Utilities; 75% Design;
2020	605651	MONTACHUSETT	LEOMINSTER	LEOMINSTER- RECONSTRUCTION ON ROUTE 13, FROM HAWES STREET TO PROSPECT STREET	3	HSIP	\$1,000,000	\$900,000	\$100,000	
2020	605651	MONTACHUSETT	LEOMINSTER	LEOMINSTER- RECONSTRUCTION ON ROUTE 13, FROM HAWES STREET TO PROSPECT STREET	3	STP	\$2,481,060	\$1,984,848	\$496,212	
2020	605651	MONTACHUSETT	LEOMINSTER	LEOMINSTER- RECONSTRUCTION ON ROUTE 13, FROM HAWES STREET TO PROSPECT STREET	3	TAP	\$1,000,000	\$800,000	\$200,000	
2020	607431	MONTACHUSETT	WESTMINSTER	WESTMINSTER- RESURFACING & RELATED WORK ON ROUTE 140, FROM ROUTE 2A TO PATRICIA ROAD	3	STP	\$1,560,775	\$1,248,620	\$312,155	Construction; Total \$1,500,745; YOE Cost \$1,560,775; TEC = 25; TIP Day est FFY 2020; 75% Design Recv 2/6/2018;
2020	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 = \$6,219,537 w/ \$4,881,399 of STP funding, and \$386,938 of HSIP funding, and \$951,200 of Statewide CMAQ funding; d) MPO score 60

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	608088	OLD COLONY	BROCKTON	BROCKTON - CORRIDOR IMPROVEMENTS ON ROUTE 123 (BELMONT STREET), FROM ANGUS BEATON DRIVE TO WEST STREET	5	STP	\$4,881,399	\$3,905,119	\$976,280	a) Construction; b) Total Project Cost = \$6,219,537 w/ \$4,881,399 of STP funding, and \$386,938 of HSIP funding, and \$951,200 of Statewide CMAQ funding; d) MPO score 60
2020	604434	PIONEER VALLEY	CHICOPEE	CHICOPEE- RECONSTRUCTION & RELATED WORK ON FULLER ROAD, FROM MEMORIAL DR (RTE 33) TO SHAWINIGAN DR (2.0 MILES)	2	CMAQ	\$2,000,000	\$1,600,000	\$400,000	Construction / (YOE \$7,907,953 STP) / 48.5 TEC / 25% STP, CMAQ
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	\$5,907,953	\$4,726,362	\$1,181,591	Construction / (YOE \$7,907,953 STP) / 48.5 TEC / 25% STP, CMAQ
2020	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	\$10,248,854	\$8,199,083	\$2,049,771	Construction / (YOE \$10,248,854 STP) / 66.5 TEC / 75% STP
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	\$599,876	\$479,901	\$119,975	Construction / (YOE \$7,599,876 STP) / 48.5 TEC / 25% HSIP, TAP, STP, CMAQ
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	\$1,000,000	\$900,000	\$100,000	Construction / (YOE \$7,599,876 STP) / 48.5 TEC / 25% HSIP, TAP, STP, CMAQ
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	\$5,500,000	\$4,400,000	\$1,100,000	Construction / (YOE \$7,599,876 STP) / 48.5 TEC / 25% HSIP, TAP, STP, CMAQ
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	\$500,000	\$400,000	\$100,000	Construction / (YOE \$7,599,876 STP) / 48.5 TEC / 25% HSIP, TAP, STP, CMAQ
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	\$9,349,331	\$7,479,465	\$1,869,866	a) Construction; b) Total Cost = \$9,349,331 - 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	\$6,507,570	\$5,206,056	\$1,301,514	a) Construction; b) Total Cost = \$7,000,000 - TAP (\$492,430) / STP (\$6,507,570); 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 = \$7,000,000 - TAP (\$492,430) / STP (\$6,507,570); d) EC Score 44 of 87; h) Project Proponent - Taunton; i) Status Pre 25%
ROADWAY RECONSTRUCTION SUBTOTAL:							\$176,022,356	\$141,599,232	\$34,423,124	

2020										
YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
Roadway reconstruction program										
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	\$585,081	\$468,065	\$117,016	Construction; total project cost of \$2,004,886 inflated 4% per year to \$2,085,081; funded with combination of CMAQ 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	\$2,216,948	\$1,773,559	\$443,390	Construction; total project cost of \$2,131,681 inflated 4% per year to \$2,216,948; TEC score 10.8
ROADWAY RECONSTRUCTION PROGRAM SUBTOTAL:							\$2,802,029	\$2,241,624	\$560,406	
REGIONALLY PRIORITIZED PROJECTS SUBTOTAL:							\$229,276,218	\$184,435,418	\$44,840,801	
SECTION 1A / REGIONALLY PRIORITIZED PROJECTS TOTAL:							\$229,276,218	\$184,435,418	\$44,840,801	
SECTION 1B / EARMARK OR DISCRETIONARY GRANT FUNDED PROJECTS										
Other Federal Aid										
2020	605674	CENTRAL MASSACHUSETTS	STURBRIDGE	STURBRIDGE - GRAND TRUNK TRAIL CONSTRUCTION, FROM ED CALCUTT BRIDGE TO THE INTERSECTION OF RIVER ROAD & FARQUHAR ROAD	3	HPP	\$578,130	\$462,504	\$115,626	Construction / Total Project Cost = \$578,130 / HPP#2439 - MA162 / Design Status =TBD
OTHER FEDERAL AID SUBTOTAL:							\$578,130	\$462,504	\$115,626	
SECTION 1B / EARMARK OR DISCRETIONARY GRANT FUNDED PROJECTS TOTAL:							\$578,130	\$462,504	\$115,626	
SECTION 2A / STATE PRIORITIZED RELIABILITY PROJECTS										
Bridge Program / Inspections										
2020	BRI20	STATEWIDE	MULTIPLE	Bridge Inspection	Multi	NHPP	\$11,933,333	\$9,546,667	\$2,386,667	
2020	BRI20	STATEWIDE	MULTIPLE	Bridge Inspection	Multi	STP-BR-OFF	\$5,966,667	\$4,773,333	\$1,193,333	
BRIDGE PROGRAM / INSPECTIONS SUBTOTAL:							\$17,900,000	\$14,320,000	\$3,580,000	
Bridge Program / Off System										
2020	609080	BERKSHIRE	NEW MARLBOROUGH	NEW MARLBOROUGH- BRIDGE REPLACEMENT, N-08-018, CANAAN-SOUTHFIELD ROAD OVER UMPACHENE RIVER	1	STP-BR-OFF	\$1,064,448	\$851,558	\$212,890	
2020	609081	BERKSHIRE	NEW MARLBOROUGH	NEW MARLBOROUGH- BRIDGE REPLACEMENT, N-08-017, LUMBERT CROSS ROAD OVER UMPACHENE RIVER	1	STP-BR-OFF	\$2,278,848	\$1,823,078	\$455,770	

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	608645	BERKSHIRE	NEW MARLBOROUGH	NEW MARLBOROUGH- BRIDGE REPLACEMENT, N-08-006, CAMPBELL FALLS ROAD OVER WHITING RIVER	1	STP-BR-OFF	\$3,286,528	\$2,629,222	\$657,306	
2020	608642	BERKSHIRE	NEW MARLBOROUGH	NEW MARLBOROUGH- SUPERSTRUCTURE REPLACEMENT, N-08-001, NORFOLK ROAD OVER UMPACHENE BROOK	1	STP-BR-OFF	\$5,461,456	\$4,369,165	\$1,092,291	
2020	608646	BERKSHIRE	TYRINGHAM	TYRINGHAM- BRIDGE REPLACEMENT, T-10-007, MONTEREY ROAD OVER HOP BROOK	1	STP-BR-OFF	\$1,727,040	\$1,381,632	\$345,408	
2020	608633	CENTRAL MASSACHUSETTS	WEST BROOKFIELD	WEST BROOKFIELD - BRIDGE REPLACEMENT, W-19-009, FOSTER HILL ROAD OVER COYS BROOK	2	STP-BR-OFF	\$1,837,034	\$1,469,627	\$367,407	Construction
2020	608640	CENTRAL MASSACHUSETTS	SUTTON	SUTTON - BRIDGE RECONSTRUCTION/REHABILITATION, S-33-004, CARRYING DEPOT STREET OVER THE BLACKSTONE RIVER	3	STP-BR-OFF	\$3,763,199	\$3,010,559	\$752,640	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	608635	MONTACHUSETT	SHIRLEY	SHIRLEY- BRIDGE REPLACEMENT, S-13-005, CARRYING LONGLEY ROAD OVER THE MULPUS BROOK	3	STP-BR-OFF	\$1,764,940	\$1,411,952	\$352,988	
2020	608639	MONTACHUSETT	WESTMINSTER	WESTMINSTER- BRIDGE REPLACEMENT, W-28-010, CARRYING WHITMANVILLE ROAD OVER THE WHITMAN RIVER	3	STP-BR-OFF	\$2,791,200	\$2,232,960	\$558,240	
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	
BRIDGE PROGRAM / OFF-SYSTEM SUBTOTAL:							\$32,444,693	\$25,955,753	\$6,488,940	
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	\$6,706,556	\$5,365,245	\$1,341,311	
2020	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	\$14,894,228	\$11,915,382	\$2,978,846	AC Year 2 of 5, Total Cost \$74,471,140
2020	604173	BOSTON	BOSTON	BOSTON- BRIDGE REPLACEMENT, B-16-016, NORTH WASHINGTON STREET OVER THE BOSTON INNER HARBOR	6	NHPP-ON	\$24,184,931	\$19,347,945	\$4,836,986	AC Year 4 of 6, Total Project Cost = \$193,058,158.
2020	605287	BOSTON	CHELSEA	CHELSEA- ROUTE 1 VIADUCT REHABILITATION (SB/NB) ON C-09-007 & C-09-011	6	NHPP-ON	\$40,952,933	\$32,762,346	\$8,190,587	AC Year 3 of 4, Total Cost \$213,972,689
2020	605306	MERRIMACK VALLEY	HAVERHILL	HAVERHILL - BRIDGE REPLACEMENT, H-12-039, I-495 (NB & SB) OVER MERRIMACK RIVER	4	NHPP-ON	\$19,797,731	\$15,838,185	\$3,959,546	AC Year 3 of 6, Total Cost \$118,786,388

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	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	\$11,378,353	\$9,102,682	\$2,275,671	AC Year 1 of 5, Total Cost \$56,891,767
2020	400103	PIONEER VALLEY	WESTFIELD	WESTFIELD- BRIDGE REPLACEMENT, W-25-006, ROUTE 10/202 (SOUTHWICK ROAD) OVER THE LITTLE RIVER	2	NHPP-ON	\$12,732,554	\$10,186,043	\$2,546,511	
BRIDGE PROGRAM / ON-SYSTEM (NHS) SUBTOTAL:							\$130,647,286	\$104,517,828	\$26,129,458	
Bridge Program / On System (Non NHS)										
2020	604189	FRANKLIN	BERNARDSTON	BERNARDSTON- BRIDGE REPLACEMENT, B-10-004, U.S. ROUTE 5 (BRATTLEBORO ROAD) OVER SHATTUCK BROOK	2	NHPP-OFF	\$2,993,214	\$2,394,571	\$598,643	Construction; total project cost \$3,121,200
BRIDGE PROGRAM / ON-SYSTEM (NON-NHS) SUBTOTAL:							\$2,993,214	\$2,394,571	\$598,643	
Bridge Program / Systematic Maintenance										
2020	609161	BERKSHIRE	ADAMS	ADAMS- SYSTEMATIC BRIDGE MAINTENANCE, A-04-001, ROUTE 8 (GROVE ST) OVER ASHUWILLTICOOK RAIL-TRAIL AND HOOSIC RIVER	1	NHPP-OFF	\$502,115	\$401,692	\$100,423	
2020	608589	CENTRAL MASSACHUSETTS	WORCESTER	WORCESTER - CLEAN AND PAINT STRUCTURAL STEEL ON W-44-082	3	NHPP-ON	\$2,154,029	\$1,723,223	\$430,806	Construction
2020	TBA	STATEWIDE	MULTIPLE	DISTRICT 1- SYSTEMATIC BRIDGE MAINTENANCE AT VARIOUS LOCATIONS (2020)	1	NHPP-OFF	\$522,200	\$417,760	\$104,440	
2020	608550	STATEWIDE	MULTIPLE	DISTRICT 2- SYSTEMATIC BRIDGE MAINTENANCE AT VARIOUS LOCATIONS (2020)	2	NHPP-OFF	\$1,428,571	\$1,142,857	\$285,714	
2020	608592	STATEWIDE	MULTIPLE	DISTRICT 5- SYSTEMATIC BRIDGE PRESERVATION ALONG THE I-95 CORRIDOR	5	NHPP-ON	\$2,724,909	\$2,179,927	\$544,982	
BRIDGE PROGRAM / SYSTEMATIC MAINTENANCE SUBTOTAL:							\$7,331,824	\$5,865,459	\$1,466,365	
Interstate Pavement										
2020	608208	BOSTON	MULTIPLE	QUINCY- MILTON- BOSTON INTERSTATE MAINTENANCE AND RELATED WORK ON I-93	6	NHPP	\$24,264,576	\$21,838,118	\$2,426,458	
2020	608825	SOUTHEASTERN MASSACHUSETTS	MIDDLEBOROUGH	MIDDLEBOROUGH- PAVEMENT PRESERVATION AND RELATED WORK ON I-495	5	NHPP	\$3,058,560	\$2,752,704	\$305,856	
2020	608203	STATEWIDE	MULTIPLE	MARLBORO- HUDSON- BERLIN- RESURFACING AND RELATD WORK ON I-495	3	NHPP	\$14,375,232	\$12,937,709	\$1,437,523	
INTERSTATE PAVEMENT SUBTOTAL:							\$41,698,368	\$37,528,531	\$4,169,837	
Non Interstate Pavement										
2020	608812	BERKSHIRE	FLORIDA	FLORIDA- RESURFACING AND RELATED WORK ON ROUTE 2	1	NHPP	\$6,872,320	\$5,497,856	\$1,374,464	
2020	609104	BERKSHIRE	LEE	LEE- RESURFACING AND RELATED WORK ON ROUTE 20	1	NHPP	\$1,840,800	\$1,472,640	\$368,160	

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	608486	BERKSHIRE	WILLIAMSTOWN	WILLIAMSTOWN- RESURFACING AND RELATED WORK ON ROUTE 43	1	NHPP	\$3,037,320	\$2,429,856	\$607,464	
2020	608467	BOSTON	MARLBOROUGH	MARLBOROUGH- RESURFACING AND RELATED WORK ON ROUTE 20	3	NHPP	\$14,358,240	\$11,486,592	\$2,871,648	
2020	609101	BOSTON	PEABODY	PEABODY- PAVEMENT PRESERVATION AND RELATED WORK ON ROUTE 128	4	NHPP	\$4,712,448	\$3,769,958	\$942,490	
2020	608480	BOSTON	MULTIPLE	FOXBOROUGH- WALPOLE- RESURFACING AND RELATED WORK ON US ROUTE 1	5	NHPP	\$8,036,933	\$6,429,546	\$1,607,387	
2020	608482	BOSTON	MULTIPLE	CAMBRIDGE- SOMERVILLE- RESURFACING AND RELATED WORK ON ROUTE 28	6	NHPP	\$8,541,312	\$6,833,050	\$1,708,262	
2020	608484	BOSTON	MULTIPLE	CANTON- MILTON- RESURFACING AND RELATED WORK ON ROUTE 138	6	NHPP	\$17,941,664	\$14,353,331	\$3,588,333	
2020	604209	PIONEER VALLEY	MULTIPLE	HOLYOKE- WEST SPRINGFIELD- REHABILITATION OF ROUTE 5	2	NHPP	\$13,953,264	\$11,162,611	\$2,790,653	
2020	608473	PIONEER VALLEY	SOUTH HADLEY	SOUTH HADLEY- RESURFACING AND RELATED WORK ON ROUTE 116	2	NHPP	\$2,208,960	\$1,767,168	\$441,792	
NON-INTERSTATE PAVEMENT SUBTOTAL:							\$81,503,261	\$65,202,608	\$16,300,653	
Roadway Improvements										
2020	608598	CAPE COD	ORLEANS	ORLEANS- STORMWATER IMPROVEMENTS ALONG ROUTE 28	5	STP	\$574,938	\$459,950	\$114,988	Construction; MPO score = 36
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	
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	\$9,434,070	\$7,547,256	\$1,886,814	
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	
2020	608583	STATEWIDE	MULTIPLE	STATEWIDE- VARIOUS SAFETY STRATEGIES TO ADDRESS SHSP -TO BE DETERMINED (2020)	Multi	HSIP	\$898,307	\$808,476	\$89,831	
SAFETY IMPROVEMENTS SUBTOTAL:							\$14,777,355	\$12,087,340	\$2,690,015	
SECTION 2A / STATE PRIORITIZED RELIABILITY PROJECTS TOTAL:							\$333,078,755	\$270,898,293	\$62,180,462	

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 2B / STATE PRIORITIZED MODERNIZATION PROJECTS										
Intelligent Transportation Systems										
2020	608360	STATEWIDE	MULTIPLE	STATEWIDE INTELLIGENT TRANSPORTATION SYSTEMS, YEAR 2020, FOR CIP POLICY DEVELOPMENT PURPOSES ONLY	Multi	NFP	\$12,169,500	\$9,735,600	\$2,433,900	
2020	609084	STATEWIDE	MULTIPLE	DISTRICT 4- DISTRICT 6- EXPANSION OF ITS ROADWAY DEVICES FOR HIGHWAY OPERATIONS	Multi	NHPP	\$330,500	\$264,400	\$66,100	c) AC YR 2 of 2, TFPC=\$3,700,000.
INTELLIGENT TRANSPORTATION SYSTEMS SUBTOTAL:							\$12,500,000	\$10,000,000	\$2,500,000	
Intersection Improvements										
2020	607756	BERKSHIRE	GREAT BARRINGTON	GREAT BARRINGTON- INTERSECTION & SIGNAL IMPROVEMENTS ON US 7 (SOUTH MAIN STREET) AT SR 23 & SR 41 (MAPLE AVENUE)	1	HSIP	\$1,949,630	\$1,754,667	\$194,963	
2020	608562	BOSTON	SOMERVILLE	SOMERVILLE- SIGNAL AND INTERSECTION IMPROVEMENT ON I-93 AT MYSTIC AVENUE AND MCGRATH HIGHWAY (TOP 200 CRASH LOCATION)	4	HSIP	\$5,000,000	\$4,500,000	\$500,000	
2020	607759	BOSTON	BOSTON	BOSTON- INTERSECTION & SIGNAL IMPROVEMENTS AT THE VFW PARKWAY & SPRING STREET	6	HSIP	\$974,815	\$877,334	\$97,482	
2020	607342	BOSTON	MILTON	MILTON- INTERSECTION & SIGNAL IMPROVEMENTS @ ROUTE 28 (RANDOLPH AVENUE) & CHICKATAWBUT ROAD	6	HSIP	\$1,531,200	\$1,378,080	\$153,120	
2020	608757	CENTRAL MASSACHUSETTS	WORCESTER	WORCESTER - INTERSECTION IMPROVEMENTS AT WEST MOUNTAIN STREET AT I-190 FRONTAGE ROAD & BROOKS STREET EXTENSION	3	HSIP	\$2,500,000	\$2,250,000	\$250,000	Construction / PSAC score 48
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 \$2,004,886 inflated 4% per year to \$2,085,081; funded with combination of CMAQ and Statewide HSIP, TEC score 10.3
2020	608086	OLD COLONY	AVON	AVON- INTERSECTION IMPROVEMENTS AT HARRISON BOULEVARD AND POND STREET	5	CMAQ	\$3,888,000	\$3,110,400	\$777,600	a) Construction; b) Total Project Cost = \$3,888,000 w/ \$3,888,000 of Old Colony regional funding;
INTERSECTION IMPROVEMENTS SUBTOTAL:							\$17,343,645	\$15,220,481	\$2,123,165	
Roadway Reconstruction										
2020	608835	BOSTON	MEDFORD	MEDFORD- IMPROVEMENTS AT BROOKS ELEMENTARY SCHOOL (SRTS)	4	TAP	\$1,200,000	\$960,000	\$240,000	
2020	608743	BOSTON	SALEM	SALEM- IMPROVEMENTS AT BATES ELEMENTARY SCHOOL (SRTS)	4	TAP	\$937,500	\$750,000	\$187,500	

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	
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	NHPP	\$534,426	\$427,541	\$106,885	a) Construction; b) Total Project Cost = \$62,433,862 w/\$11,386,727 of Central Mass regional funding in 2020 and 2021/AC YR 1 of 4
2020	608088	OLD COLONY	BROCKTON	BROCKTON- CORRIDOR IMPROVEMENTS ON ROUTE 123 (BELMONT STREET), FROM ANGUS BEATON DRIVE TO WEST STREET	5	CMAQ	\$951,200	\$760,960	\$190,240	a) Construction; b) Total Project Cost = \$6,219,537 w/ \$4,881,399 of STP funding, and \$386,938 of HSIP funding, and \$951,200 of Statewide CMAQ funding; d) MPO score 60
2020	608049	SOUTHEASTERN MASSACHUSETTS	FALL RIVER	FALL RIVER- CORRIDOR IMPROVEMENTS ON ROUTE 79/DAVOL STREET	5	NHPP	\$800,000	\$640,000	\$160,000	a) Construction; b) Total Project Cost = \$81,290,000; AC YR 1 of 5
ROADWAY RECONSTRUCTION SUBTOTAL:							\$6,089,326	\$4,871,461	\$1,217,865	
SECTION 2B / STATE PRIORITIZED MODERNIZATION PROJECTS TOTAL:							\$35,932,971	\$30,091,942	\$5,841,030	
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	\$5,215,069	\$4,172,055	\$1,043,014	Construction / PSAC score 28
2020	606891	BERKSHIRE	MULTIPLE	LANESBOROUGH- PITTSFIELD- ASHUWILLTICOOK RAIL TRAIL EXTENSION TO CRANE AVENUE	1	CMAQ	\$3,173,695	\$2,538,956	\$634,739	Construction / PSAC score 35
2020	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
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	\$3,435,203	\$2,748,162	\$687,041	Construction/Total Project Cost = \$4,388,393 (2019 \$4,563,929 including 4% inflation) \$3,179,390 Statewide CMAQ and \$1,384,538 of MV Regional funding / AC YR 2 of 2 / PSAC Score 33.5
2020	608193	MONTACHUSETT	MULTIPLE	FITCHBURG- LEOMINSTER- RAIL TRAIL CONSTRUCTION (TWIN CITIES RAIL TRAIL)	3	CMAQ	\$6,971,456	\$5,577,165	\$1,394,291	Construction / PSAC score 45 / Total Project Cost \$18,030,899 / AC YR 2 of 2
2020	607885	NORTHERN MIDDLESEX	LOWELL	LOWELL- PEDESTRIAN WALKWAY & BICYCLE CONNECTION AT PAWTUCKET FALLS OVERLOOK, FROM VANDENBERG ESPLANADE TO SCHOOL STREET	4	CMAQ	\$2,549,986	\$2,039,989	\$509,997	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	\$3,247,643	\$2,598,114	\$649,529	
BICYCLES AND PEDESTRIANS SUBTOTAL:							\$26,363,774	\$21,091,019	\$5,272,755	

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 2C / STATE PRIORITIZED EXPANSION PROJECTS TOTAL:

\$26,363,774 \$21,091,019 \$5,272,755

SECTION 3 / PLANNING / ADJUSTMENTS / PASS-THROUGHS

Planning / Adjustments / Pass throughs

2020	EWO	STATEWIDE	MULTIPLE	Award adjustments, change orders, etc.	Multi	CMAQ	\$1,875,000	\$1,500,000	\$375,000	
2020	MRTDM 20	STATEWIDE	MULTIPLE	MassRides: Travel Demand Management	Multi	CMAQ	\$3,125,000	\$2,500,000	\$625,000	
2020	EWO	STATEWIDE	MULTIPLE	Award adjustments, change orders, etc.	Multi	HSIP	\$3,888,889	\$3,500,000	\$388,889	
2020	FPIRT20	STATEWIDE	MULTIPLE	Flex to Rail & Transit for Freight Plan Implementation	Multi	NFP	\$2,807,340	\$2,021,285	\$505,321	
2020	EWO	STATEWIDE	MULTIPLE	Award adjustments, change orders, etc.	Multi	NHPP	\$27,284,039	\$21,827,231	\$5,456,808	
2020	ABPGA N	STATEWIDE	MULTIPLE	ABP GANS Repayment	Multi	NHPP	\$81,570,000	\$81,570,000	\$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	\$6,875,000	\$5,500,000	\$1,375,000	
2020	ABPGA N	STATEWIDE	MULTIPLE	ABP GANS Repayment	Multi	STP-BR-OFF	\$350,000	\$350,000	\$0	
2020	EWO	STATEWIDE	MULTIPLE	Award adjustments, change orders, etc.	Multi	STP-BR-OFF	\$2,500,000	\$2,000,000	\$500,000	
2020	MREDU 20	STATEWIDE	MULTIPLE	MassRides: SRTS Education	Multi	TAP	\$200,000	\$160,000	\$40,000	
2020	EWO	STATEWIDE	MULTIPLE	Award adjustments, change orders, etc.	Multi	TAP	\$625,000	\$500,000	\$125,000	
PLANNING / ADJUSTMENTS / PASS-THROUGHS SUBTOTAL:							\$163,177,101	\$147,312,205	\$15,584,162	

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 3 / PLANNING / ADJUSTMENTS / PASS-THROUGHS TOTAL:							\$163,177,101	\$147,312,205	\$15,584,162	
TOTAL	YEAR 2020						\$788,406,949	\$654,291,381	\$133,834,836	

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										
2021	608142	MARTHA'S VINEYARD	OAK BLUFFS	OAK BLUFFS - CONSTRUCTION OF A SHARED USE PATH ALONG BEACH ROAD, FROM THE LAGOON POND DRAWBRIDGE NORTHERLY TO THE EASTVILLE AVENUE/COUNTY ROAD INTERSECTION	5	CMAQ	\$754,330	\$603,464	\$150,866	Construction/Total Project Cost = \$2,240,448 w/ \$1,448,906 from MV regional funding / AC YR 1 of 2 / PSAC Score 29.5; GHG Quantified Decrease reported in 2022
2021	608298	MERRIMACK VALLEY	GROVELAND	GROVELAND- COMMUNITY TRAIL FROM MAIN STREET TO KING STREET	4	CMAQ	\$408,848	\$327,078	\$81,770	a) Construction; b) \$2,365,973 (inflated 8% from 2019 cost) = \$1,633,129 STP + \$408,848 CMAQ + \$323,996 TAP; d) TEC = 4.87 out of 18;
2021	608298	MERRIMACK VALLEY	GROVELAND	GROVELAND- COMMUNITY TRAIL FROM MAIN STREET TO KING STREET	4	STP	\$1,633,129	\$1,306,503	\$326,626	a) Construction; b) \$2,365,973 (inflated 8% from 2019 cost) = \$1,633,129 STP + \$408,848 CMAQ + \$323,996 TAP; d) TEC = 4.87 out of 18;
2021	608298	MERRIMACK VALLEY	GROVELAND	GROVELAND- COMMUNITY TRAIL FROM MAIN STREET TO KING STREET	4	TAP	\$323,996	\$259,197	\$64,799	a) Construction; b) \$2,365,973 (inflated 8% from 2019 cost) = \$1,633,129 STP + \$408,848 CMAQ + \$323,996 TAP; d) TEC = 4.87 out of 18;
BICYCLES AND PEDESTRIANS SUBTOTAL:							\$3,120,303	\$2,496,242	\$624,061	
Bridge Program										
2021	604996	BOSTON	WOBURN	WOBURN- BRIDGE REPLACEMENT, W-43-017, NEW BOSTON STREET OVER MBTA	4	STP	\$16,418,347	\$13,134,678	\$3,283,669	Construction; Total Cost = \$16,418,347; MPO Evaluation Score = 55
BRIDGE PROGRAM SUBTOTAL:							\$16,418,347	\$13,134,678	\$3,283,669	
Intersection Improvements										
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 = \$3,936,781; MPO Evaluation Score = 53
2021	606130	BOSTON	NORWOOD	NORWOOD- INTERSECTION IMPROVEMENTS @ ROUTE 1A & UPLAND ROAD/WASHINGTON STREET & PROSPECT STREET/FULTON STREET	5	STP	\$2,936,781	\$2,349,425	\$587,356	Construction; CMAQ+STP Total Cost = \$3,936,781; MPO Evaluation Score = 53
2021	608761	MERRIMACK VALLEY	HAVERHILL	HAVERHILL - INTERSECTION RECONSTRUCTION ON ROUTE 108 (NEWTON ROAD) AT ROUTE 110 (KENOZA AVENUE AND AMESBURY ROAD)	4	STP	\$2,099,520	\$1,679,616	\$419,904	a) Construction; b) \$2,099,520 (inflated 8% from 2019 cost); d) TEC = 8.37 out of 18;
2021	607502	PIONEER VALLEY	NORTHAMPTON	NORTHAMPTON- INTERSECTION IMPROVEMENTS AT KING STREET, NORTH STREET & SUMMER STREET AND AT KING STREET & FINN STREET	2	CMAQ	\$1,000,000	\$800,000	\$200,000	Construction / (YOE \$3,655,054 STP, CMAQ) / 65 TEC / 25% STP, CMAQ

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	STP	\$2,655,054	\$2,124,043	\$531,011	Construction / (YOE \$3,655,054 STP, CMAQ) / 65 TEC / 25% STP, CMAQ
2021	608782	PIONEER VALLEY	SPRINGFIELD	SPRINGFIELD- INTERSECTION IMPROVEMENTS AT COTTAGE STREET, INDUSTRY AVENUE AND ROBBINS ROAD	2	CMAQ	\$1,944,000	\$1,555,200	\$388,800	Construction / (YOE \$1,944,000) STP) / 46.5 TEC Score / Pre 25% CMAQ
2021	608718	PIONEER VALLEY	SPRINGFIELD	SPRINGFIELD- INTERSECTION IMPROVEMENTS AT BERKSHIRE AVENUE, COTTAGE AND HARVEY STREETS	2	HSIP	\$1,000,000	\$900,000	\$100,000	Construction / (YOE \$2,229,021 STP) / 41.5 TEC Score / Pre 25% HSIP, STP
2021	608718	PIONEER VALLEY	SPRINGFIELD	SPRINGFIELD- INTERSECTION IMPROVEMENTS AT BERKSHIRE AVENUE, COTTAGE AND HARVEY STREETS	2	STP	\$1,229,021	\$983,217	\$245,804	Construction / (YOE \$2,229,021 STP) / 41.5 TEC Score / Pre 25% HSIP, STP
2021	607339	SOUTHEASTERN MASSACHUSETTS	ATTLEBORO	ATTLEBORO- INTERSECTION IMPROVEMENTS AT ROUTE 1 (WASHINGTON STREET)/ROUTE 1A (NEWPORT AVENUE) AND ROUTE 123 (HIGHLAND AVENUE)	5	CMAQ	\$2,240,026	\$1,792,021	\$448,005	a) Construction; b) Total Cost = \$6,681,837 - HSIP (\$896,010) / CMAQ (\$2,240,026) / STP (\$3,545,801); d) EC Score 32 of 87; i) Status 25%; HSIP Eligible; Anticipating CMAQ Eligibility
2021	607339	SOUTHEASTERN MASSACHUSETTS	ATTLEBORO	ATTLEBORO- INTERSECTION IMPROVEMENTS AT ROUTE 1 (WASHINGTON STREET)/ROUTE 1A (NEWPORT AVENUE) AND ROUTE 123 (HIGHLAND AVENUE)	5	HSIP	\$896,010	\$806,409	\$89,601	a) Construction; b) Total Cost = \$6,681,837 - HSIP (\$896,010) / CMAQ (\$2,240,026) / STP (\$3,545,801); d) EC Score 32 of 87; i) Status 25%; HSIP Eligible; Anticipating CMAQ Eligibility
2021	607339	SOUTHEASTERN MASSACHUSETTS	ATTLEBORO	ATTLEBORO- INTERSECTION IMPROVEMENTS AT ROUTE 1 (WASHINGTON STREET)/ROUTE 1A (NEWPORT AVENUE) AND ROUTE 123 (HIGHLAND AVENUE)	5	STP	\$3,545,801	\$2,836,641	\$709,160	a) Construction; b) Total Cost = \$6,681,837 - HSIP (\$896,010) / CMAQ (\$2,240,026) / STP (\$3,545,801); d) EC Score 32 of 87; i) Status 25%; HSIP Eligible; Anticipating CMAQ Eligibility
INTERSECTION IMPROVEMENTS SUBTOTAL:							\$20,546,213	\$16,626,572	\$3,919,641	
Non-Interstate Pavement										
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	\$4,260,811	\$3,408,649	\$852,162	Construction; Total Project Cost at 2021 YOE: \$4,542,720 (\$4,200,000);NHPP, TAP; NMMPO TEC Score: 5.00 out of 18; TAP Proponent: Town of Tewksbury.
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 2021 YOE: \$4,542,720 (\$4,200,000);NHPP, TAP; NMMPO TEC Score: 5.00 out of 18; TAP Proponent: Town of Tewksbury.
2021	608267	SOUTHEASTERN MASSACHUSETTS	RAYNHAM	RAYNHAM- RESURFACING AND RELATED WORK ON ROUTE 138	5	STP	\$5,184,000	\$4,147,200	\$1,036,800	a) Construction; b) Total Cost = \$5,184,000 STP; d) EC Score 8 of 87; i) Status Pre 25%
NON-INTERSTATE PAVEMENT SUBTOTAL:							\$9,726,720	\$7,781,376	\$1,945,344	
Planning / Adjustments / Pass-throughs										

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	1570	BOSTON	MULTIPLE	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	6	CMAQ	\$29,100,000	\$23,280,000	\$5,820,000	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	BN0009	BOSTON	MULTIPLE	COMMUNITY TRANSPORTATION PROGRAM	NA	CMAQ	\$2,000,000	\$1,600,000	\$400,000	Planning, Design, or Construction; Set Aside for LRTP Clean Air and Mobility Program
PLANNING / ADJUSTMENTS / PASS-THROUGHS SUBTOTAL:							\$31,100,000	\$24,880,000	\$6,220,000	
Roadway Improvements										
2021	606406	BERKSHIRE	HINSDALE	HINSDALE- PERU- RECONSTRUCTION OF SKYLINE TRAIL (MIDDLEFIELD ROAD)	1	STP	\$6,890,400	\$5,512,320	\$1,378,080	STP; Total Cost = 6,890,400; MPO evaluation score 2 of 8; Design Status: <25%; YOE = 8%
2021	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 2021 YOE: \$4,814,065 (\$4,450,874); CMAQ, TAP, STP; NMMPO TEC Score: 6.60 out of 18; TAP Proponent: Town of Dunstable.
2021	608603	NORTHERN MIDDLESEX	DUNSTABLE	DUNSTABLE-IMPROVEMENTS ON MAIN STREET (ROUTE 113), FROM PLEASANT STREET TO 750 FT EAST OF WESTFORD STREET	3	STP	\$3,554,754	\$2,843,803	\$710,951	Construction; Total Project Cost at 2021 YOE: \$4,814,065 (\$4,450,874); CMAQ, TAP, STP; NMMPO TEC Score: 6.60 out of 18; TAP Proponent: Town of Dunstable.
2021	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 2021 YOE: \$4,814,065 (\$4,450,874); CMAQ, TAP, STP; NMMPO TEC Score: 6.60 out of 18; TAP Proponent: Town of Dunstable.
2021	608084	PIONEER VALLEY	AMHERST	AMHERST- IMPROVEMENTS & RELATED WORK ON ROUTES 9 & 116, FROM UNIVERSITY DRIVE TO SOUTH PLEASANT STREET (0.8 MILES)	2	STP	\$3,121,863	\$2,497,490	\$624,373	Construction / (YOE \$3,621,863 STP) / 53.5 TEC / 25% STP, TAP
2021	608084	PIONEER VALLEY	AMHERST	AMHERST- IMPROVEMENTS & RELATED WORK ON ROUTES 9 & 116, FROM UNIVERSITY DRIVE TO SOUTH PLEASANT STREET (0.8 MILES)	2	TAP	\$500,000	\$400,000	\$100,000	Construction / (YOE \$3,621,863 STP) / 53.5 TEC / 25% STP, TAP
ROADWAY IMPROVEMENTS SUBTOTAL:							\$15,326,328	\$12,261,062	\$3,065,266	
Roadway Reconstruction										
2021	608228	BOSTON	FRAMINGHAM	FRAMINGHAM- RECONSTRUCTION OF UNION AVENUE, FROM PROCTOR STREET TO MAIN STREET	3	HSIP	\$1,000,000	\$900,000	\$100,000	Construction; STP+HSIP+TAP Total Cost = \$9,124,364; MPO Evaluation Score = 58
2021	608228	BOSTON	FRAMINGHAM	FRAMINGHAM- RECONSTRUCTION OF UNION AVENUE, FROM PROCTOR STREET TO MAIN STREET	3	STP	\$7,117,973	\$5,694,378	\$1,423,595	Construction; STP+HSIP+TAP Total Cost = \$9,124,364; MPO Evaluation Score = 58; TAP Proponent = Framingham

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	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 = \$9,124,364; MPO Evaluation Score = 58
2021	608146	BOSTON	MARBLEHEAD	MARBLEHEAD- INTERSECTION IMPROVEMENTS AT PLEASANT STREET & VILLAGE, VINE AND CROSS STREETS	4	STP	\$726,570	\$581,256	\$145,314	Construction; STP Total Cost = \$726,570; MPO Evaluation Score = 40
2021	606501	BOSTON	HOLBROOK	HOLBROOK- RECONSTRUCTION OF UNION STREET (ROUTE 139), FROM LINFIELD STREET TO CENTRE STREET/WATER STREET	5	STP	\$468,830	\$375,064	\$93,766	Construction; TAP+STP+Earmark Total Cost = \$2,285,168; 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 = \$2,285,168; MPO Evaluation Score = 45; TAP Proponent = Holbrook
2021	601607	BOSTON	HULL	HULL- RECONSTRUCTION OF ATLANTIC AVENUE AND RELATED WORK FROM NANTASKET AVENUE TO COHASSET TOWN LINE	5	STP	\$6,651,674	\$5,321,339	\$1,330,335	Construction; Total Cost = \$6,651,674; MPO Evaluation Score = 44
2021	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 = \$8,542,892; MPO Evaluation Score = 58
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; NHPP+STP+TAP Total Cost = \$152,000,000; AC Yr 2 of 5; Total funding in this TIP = \$116,626,515; TAP Proponent = Boston; MPO Evaluation Score = 59
2021	606453	BOSTON	BOSTON	BOSTON- IMPROVEMENTS ON BOYLSTON STREET, FROM INTERSECTION OF BROOKLINE AVENUE & PARK DRIVE TO IPSWICH STREET	6	STP	\$6,730,460	\$5,384,368	\$1,346,092	Construction; CMAQ+TAP+STP Total Cost = \$8,542,892; MPO Evaluation Score = 58; TAP 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; NHPP+STP+TAP Total Cost = \$152,000,000; AC Yr 2 of 5; Total funding in this TIP = \$116,626,515; TAP Proponent = Boston; MPO Evaluation Score = 59
2021	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 = \$8,542,892; MPO Evaluation Score = 58
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; NHPP+STP+TAP Total Cost = \$152,000,000; AC Yr 2 of 5; Total funding in this TIP = \$116,626,515; TAP Proponent = Boston; MPO Evaluation Score = 59; TAP Proponent = Boston
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	\$1,146,285	\$917,028	\$229,257	Construction; Total project cost = \$13,407,023 with 4% inflation (2020 STP + 2020 HSIP + 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										
YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
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	\$458,514	\$412,663	\$45,851	Construction; Total project cost = \$13,407,023 with 4% inflation (2020 STP + 2020 HSIP + 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	STP	\$6,726,415	\$5,381,132	\$1,345,283	Construction; Total project cost = \$13,407,023 with 4% inflation (2020 STP + 2020 HSIP + 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	TAP	\$205,809	\$164,647	\$41,162	Construction; Total project cost = \$13,407,023 with 4% inflation (2020 STP + 2020 HSIP + 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	608666	CAPE COD	ORLEANS	ORLEANS- INTERSECTION IMPROVEMENTS AT ROUTE 28 (SOUTH ORLEANS ROAD), ROUTE 39 (HARWICH ROAD) AND QUANSET ROAD	5	STP	\$2,417,545	\$1,934,036	\$483,509	Construction; Total project cost = \$2,417,545 with 8% inflation applied; MPO score = 64
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	\$2,531,520	\$2,025,216	\$506,304	Construction / STP Total Project Cost = \$2,531,520 / PM Score = 11 / Design Status = 75%
2021	607733	CENTRAL MASSACHUSETTS	AUBURN	AUBURN - REHABILITATION OF AUBURN STREET, FROM WALSH AVENUE TO MILLBURY STREET	3	HSIP	\$554,861	\$499,375	\$55,486	Construction / HSIP + STP + TAP Total Project Cost = \$2,916,000 / PM Score = 19 / Design Status = Pre-25%
2021	607733	CENTRAL MASSACHUSETTS	AUBURN	AUBURN - REHABILITATION OF AUBURN STREET, FROM WALSH AVENUE TO MILLBURY STREET	3	STP	\$1,777,075	\$1,421,660	\$355,415	Construction / HSIP + STP + TAP Total Project Cost = \$2,916,000 / PM Score = 19 / Design Status = Pre-25%
2021	607733	CENTRAL MASSACHUSETTS	AUBURN	AUBURN - REHABILITATION OF AUBURN STREET, FROM WALSH AVENUE TO MILLBURY STREET	3	TAP	\$584,064	\$467,251	\$116,813	Construction / HSIP + STP + TAP Total Project Cost = \$2,916,000 / PM Score = 19 / Design Status = Pre-25% / Project Proponent is the town of Auburn
2021	607903	CENTRAL MASSACHUSETTS	GRAFTON	GRAFTON - RECLAMATION ON ROUTE 122A (MAIN STREET), FROM PROVIDENCE ROAD TO SUTTON T.L.	3	STP	\$7,281,290	\$5,825,032	\$1,456,258	Construction / STP Total Project Cost = \$7,281,290 / PM Score = 12 / Design Status = 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	\$1,904,533	\$1,523,626	\$380,907	a) Construction; b) Total Project Cost = \$62,433,862 w/\$11,386,727 of Central Mass regional funding in 2020 and 2021/AC YR 2 of 4

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	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	\$3,242,194	\$2,593,755	\$648,439	a) Construction; b) Total Project Cost = \$62,433,862 w/\$11,386,727 of Central Mass regional funding in 2020 and 2021/AC YR 2 of 4
2021	606463	FRANKLIN	BUCKLAND	BUCKLAND- RECONSTRUCTION & MINOR WIDENING ON CONWAY STREET, SOUTH STREET & CONWAY ROAD	1	STP	\$5,572,800	\$4,458,240	\$1,114,560	Construction; total project cost of \$5,160,000 inflated 4% per year to \$5,572,800; TEC score 9.1
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 8% from 2019 cost) = FFY 2021 (\$4,411,814 STP + \$1,107,389 CMAQ + \$442,956 HSIP + \$351,000 TAP) + FFY 2022 (\$8,602,213 STP + \$1,107,389 CMAQ + \$442,956 HSIP + \$351,000 TAP) ; c) AC Year 1 of 2 = \$6,313,159; d) TEC
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 8% from 2019 cost) = FFY 2021 (\$4,411,814 STP + \$1,107,389 CMAQ + \$442,956 HSIP + \$351,000 TAP) + FFY 2022 (\$8,602,213 STP + \$1,107,389 CMAQ + \$442,956 HSIP + \$351,000 TAP) ; c) AC Year 1 of 2 = \$6,313,159; d) TEC
2021	608095	MERRIMACK VALLEY	NORTH ANDOVER	NORTH ANDOVER- CORRIDOR IMPROVEMENTS ON ROUTE 114, BETWEEN ROUTE 125 (ANDOVER STREET) & STOP & SHOP DRIVEWAY	4	STP	\$4,411,814	\$3,529,451	\$882,363	a) Construction; b) \$16,816,717 (inflated 8% from 2019 cost) = FFY 2021 (\$4,411,814 STP + \$1,107,389 CMAQ + \$442,956 HSIP + \$351,000 TAP) + FFY 2022 (\$8,602,213 STP + \$1,107,389 CMAQ + \$442,956 HSIP + \$351,000 TAP) ; c) AC Year 1 of 2 = \$6,313,159; d) TEC
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 8% from 2019 cost) = FFY 2021 (\$4,411,814 STP + \$1,107,389 CMAQ + \$442,956 HSIP + \$351,000 TAP) + FFY 2022 (\$8,602,213 STP + \$1,107,389 CMAQ + \$442,956 HSIP + \$351,000 TAP) ; c) AC Year 1 of 2 = \$6,313,159; d) TEC
2021	608784	MONTACHUSETT	TEMPLETON	TEMPLETON- ROUNDABOUT CONSTRUCTION AT THE INTERSECTION OF PATRIOTS ROAD, SOUTH MAIN STREET, NORTH MAIN STREET AND GARDNER ROAD	2	STP	\$2,409,474	\$1,927,579	\$481,895	Construction; Total \$2,230,994; YOE Cost \$2,409,474; TEC = 33; Prelim Design;
2021	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; Pre-25%Design; Part of Overall Downtown Improvement Program;

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	607902	MONTACHUSETT	AYER	AYER- RECLAMATION & RELATED WORK ON ROUTE 2A, FROM HARVARD ROAD TO MAIN STREET	3	STP	\$4,362,276	\$3,489,821	\$872,455	Construction; Total \$4,039,144; YOE Cost \$4,362,276; TEC = 41; 25% Design moving to 75%;
2021	607604	MONTACHUSETT	MULTIPLE	STERLING- WEST BOYLSTON- IMPROVEMENTS ON ROUTE 140 AT I-190	3	STP	\$996,840	\$797,472	\$199,368	Construction; Total \$923,000; YOE Cost \$996,840; TEC = 29; Prelim Design;
2021	607217	OLD COLONY	EASTON	EASTON - ROUTE 123 (DEPOT STREET) RECONSTRUCTION FROM NEWELL CIRCLE TO ROUTE 138	5	CMAQ	\$1,139,886	\$911,909	\$227,977	a) Construction; b) Total Project Cost = \$7,890,479 w/ \$6,405,785 of STP funding, \$1,139,886 of CMAQ funding, and \$344,808 of TAP funding; d) MPO score 38.89
2021	607217	OLD COLONY	EASTON	EASTON - ROUTE 123 (DEPOT STREET) RECONSTRUCTION FROM NEWELL CIRCLE TO ROUTE 138	5	STP	\$6,405,785	\$5,124,628	\$1,281,157	a) Construction; b) Total Project Cost = \$7,890,479 w/ \$6,405,785 of STP funding, \$1,139,886 of CMAQ funding, and \$344,808 of TAP funding; d) MPO score 38.89
2021	607217	OLD COLONY	EASTON	EASTON - ROUTE 123 (DEPOT STREET) RECONSTRUCTION FROM NEWELL CIRCLE TO ROUTE 138	5	TAP	\$344,808	\$275,846	\$68,962	a) Construction; b) Total Project Cost = \$7,890,479 w/ \$6,405,785 of STP funding, \$1,139,886 of CMAQ funding, and \$344,808 of TAP funding; d) MPO score 38.89
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	\$2,201,643	\$1,761,314	\$440,329	Construction / (YOE \$2,201,643 STP) / 62 TEC / Pre 25% STP
2021	605032	PIONEER VALLEY	HADLEY	HADLEY- RECONSTRUCTION ON ROUTE 9, FROM MIDDLE STREET TO MAPLE/SOUTH MAPLE STREET	2	STP	\$12,652,410	\$10,121,928	\$2,530,482	Construction / (YOE \$25,805,364) AC Year 1 of 2 FFY 2021 \$12,652,410, FFY 2022 \$13,152,954 STP / 50 TEC / 25%
2021	608586	SOUTHEASTERN MASSACHUSETTS	DARTMOUTH	DARTMOUTH- CORRIDOR IMPROVEMENTS ON DARTMOUTH STREET AND PROSPECT STREET	5	STP	\$4,320,000	\$3,456,000	\$864,000	a) Construction; b) Total Cost = \$4,320,000 STP; d) EC Score 30 of 87; i) Status Pre 25%
2021	606024	SOUTHEASTERN MASSACHUSETTS	TAUNTON	TAUNTON- RECONSTRUCTION OF ROUTE 44 (DEAN STREET), FROM ARLINGTON STREET TO ROUTE 104 (SOUTH MAIN STREET)	5	CMAQ	\$1,500,000	\$1,200,000	\$300,000	a) Construction; b) Total Cost = \$5,184,000 - HSIP (\$896,010) / CMAQ (\$1,500,000) / STP (\$2,787,990); 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 = \$5,184,000 - HSIP (\$896,010) / CMAQ (\$1,500,000) / STP (\$2,787,990); 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	\$2,787,990	\$2,230,392	\$557,598	a) Construction; b) Total Cost = \$5,184,000 - HSIP (\$896,010) / CMAQ (\$1,500,000) / STP (\$2,787,990); d) EC Score 46 of 87; i) Status Pre 25%; Anticipating CMAQ Eligibility
ROADWAY RECONSTRUCTION SUBTOTAL:							\$136,716,972	\$109,708,810	\$27,008,162	

2021

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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REGIONALLY PRIORITIZED PROJECTS SUBTOTAL:

\$232,954,883 \$186,888,740 \$46,066,143

SECTION 1A / REGIONALLY PRIORITIZED PROJECTS TOTAL:

\$232,954,883 \$186,888,740 \$46,066,143

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; AC Yr 2 of 5
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; AC Yr 2 of 5

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	\$1,122,880	\$898,304	\$224,576	
2021	608854	BERKSHIRE	PITTSFIELD	PITTSFIELD BRIDGE REPLACEMENT, P-10-034, MILL STREET OVER W. BRANCH OF HOUSATONIC RIVER	1	STP-BR-OFF	\$1,776,772	\$1,421,418	\$355,354	
2021	608647	BERKSHIRE	SAVOY	SAVOY- BRIDGE SUPERSTRUCTURE REPLACEMENT, S-06-003, CENTER ROAD OVER CENTER BROOK	1	STP-BR-OFF	\$813,740	\$650,992	\$162,748	
2021	608637	BOSTON	MAYNARD	MAYNARD- BRIDGE REPLACEMENT, M-10-006, CARRYING FLORIDA ROAD OVER THE ASSABET RIVER	3	STP-BR-OFF	\$1,646,400	\$1,317,120	\$329,280	
2021	608617	CAPE COD	HARWICH	HARWICH- BRIDGE REPLACEMENT, H-10-019, AZALEA DRIVE OVER HERRING RIVER	5	STP-BR-OFF	\$899,800	\$719,840	\$179,960	Construction; MPO score 36
2021	608634	FRANKLIN	DEERFIELD	DEERFIELD- BRIDGE PRESERVATION D-06-001, UPPER ROAD OVER DEERFIELD RIVER	2	STP-BR-OFF	\$6,551,200	\$5,240,960	\$1,310,240	Construction; total project cost \$6,551,200
2021	608615	OLD COLONY	KINGSTON	KINGSTON- BRIDGE REPLACEMENT, K-01-014, SMITHS LANE OVER ROUTE 3 (PILGRIM HIGHWAY)	5	STP-BR-OFF	\$12,788,000	\$10,230,400	\$2,557,600	
2021	608619	SOUTHEASTERN MASSACHUSETTS	FALL RIVER	FALL RIVER- BRIDGE REPLACEMENT, F-02-019, WEAVER STREET OVER MASSACHUSETTS COASTAL RAILROAD	5	STP-BR-OFF	\$4,612,100	\$3,689,680	\$922,420	

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	603796	SOUTHEASTERN MASSACHUSETTS	MANSFIELD	MANSFIELD- BRIDGE REPLACEMENT, M-03-003 & M-03-045, BALCOM STREET OVER THE WADING RIVER	5	STP-BR-OFF	\$768,000	\$614,400	\$153,600	
2021	608618	SOUTHEASTERN MASSACHUSETTS	REHOBOTH	REHOBOTH- BRIDGE REPLACEMENT, R-04-004, REED STREET OVER PALMER RIVER	5	STP-BR-OFF	\$1,220,000	\$976,000	\$244,000	
2021	608616	SOUTHEASTERN MASSACHUSETTS	TAUNTON	TAUNTON- BRIDGE REPLACEMENT, T-01-024, SCADDING STREET OVER SNAKE RIVER.	5	STP-BR-OFF	\$942,500	\$754,000	\$188,500	
BRIDGE PROGRAM / OFF-SYSTEM SUBTOTAL:							\$33,141,392	\$26,513,114	\$6,628,278	
Bridge Program / On System (NHS)										
2021	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	\$17,028,354	\$13,622,683	\$3,405,671	AC Year 3 of 5, Total Cost \$74,471,140
2021	604173	BOSTON	BOSTON	BOSTON- BRIDGE REPLACEMENT, B-16-016, NORTH WASHINGTON STREET OVER THE BOSTON INNER HARBOR	6	NHPP-ON	\$24,184,931	\$19,347,945	\$4,836,986	AC Year 5 of 6, Total Cost \$193,058,158
2021	605287	BOSTON	CHELSEA	CHELSEA- ROUTE 1 VIADUCT REHABILITATION (SB/NB) ON C-09-007 & C-09-011	6	NHPP-ON	\$29,992,990	\$23,994,392	\$5,998,598	AC Year 4 of 4, Total Cost \$213,972,689
2021	605306	MERRIMACK VALLEY	HAVERHILL	HAVERHILL - BRIDGE REPLACEMENT, H-12-039, I-495 (NB & SB) OVER MERRIMACK RIVER	4	NHPP-ON	\$19,797,731	\$15,838,185	\$3,959,546	AC Year 4 of 6, Total Cost \$118,786,388
2021	608189	MONTACHUSETT	FITCHBURG	FITCHBURG- BRIDGE REPLACEMENT AND RELATED WORK, F-04-017, WATER STREET (STATE 2A) OVER BOULDER DRIVE AND PANAM RAILROAD & F-04-018, WATER STREET (ROUTE 12) OVER NORTH NASHUA RIVER	3	NHPP-ON	\$21,643,216	\$17,314,573	\$4,328,643	
2021	608460	PIONEER VALLEY	HADLEY	HADLEY- BRIDGE REPLACEMENT, H-01-005, BAY ROAD (ROUTE 47) OVER THE FORT RIVER	2	NHPP-ON	\$5,647,995	\$4,518,396	\$1,129,599	
2021	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	\$11,378,353	\$9,102,682	\$2,275,671	AC Year 2 of 5, Total Cost \$56,891,767
BRIDGE PROGRAM / ON-SYSTEM (NHS) SUBTOTAL:							\$129,673,570	\$103,738,856	\$25,934,714	
Bridge Program / On System (Non NHS)										
2021	608596	BOSTON	ESSEX	ESSEX- SUPERSTRUCTURE REPLACEMENT, E-11-001 (2TV), ROUTE 133/MAIN STREET OVER ESSEX RIVER	4	NHPP-OFF	\$4,511,360	\$3,609,088	\$902,272	
BRIDGE PROGRAM / ON-SYSTEM (NON-NHS) SUBTOTAL:							\$4,511,360	\$3,609,088	\$902,272	
Bridge Program / Systematic Maintenance										
2021	608610	BOSTON	NEWTON	NEWTON- STEEL SUPERSTRUCTURE CLEANING (FULL REMOVAL) AND PAINTING OF N-12-055	6	NHPP-ON	\$2,304,000	\$1,843,200	\$460,800	
2021	TBA	STATEWIDE	MULTIPLE	DISTRICT 1- SYSTEMATIC BRIDGE MAINTENANCE AT VARIOUS LOCATIONS (2021)	1	NHPP-OFF	\$522,200	\$417,760	\$104,440	

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	608551	STATEWIDE	MULTIPLE	DISTRICT 2- SYSTEMATIC BRIDGE MAINTENANCE AT VARIOUS LOCATIONS (2021)	2	NHPP-OFF	\$1,325,862	\$1,060,690	\$265,172	
2021	608590	STATEWIDE	MULTIPLE	DISTRICT 3- CLEAN AND PAINT STRUCTURAL STEEL BRIDGES ON I-190 AND I-290	3	NHPP-ON	\$3,015,220	\$2,412,176	\$603,044	
2021	608593	STATEWIDE	MULTIPLE	DISTRICT 5- SYSTEMATIC BRIDGE PRESERVATION ALONG THE I-195 CORRIDOR	5	NHPP-ON	\$2,298,657	\$1,838,926	\$459,731	
BRIDGE PROGRAM / SYSTEMATIC MAINTENANCE SUBTOTAL:							\$9,465,939	\$7,572,752	\$1,893,187	
Interstate Pavement										
2021	608378	BOSTON	MULTIPLE	DANVERS- TOPSFIELD- BOXFORD- ROWLEY- INTERSTATE MAINTENANCE AND RELATED WORK ON I-95	4	NHPP-E	\$17,299,744	\$15,569,770	\$1,729,974	
2021	608827	SOUTHEASTERN MASSACHUSETTS	MULTIPLE	NORTH ATTLEBORO- ATTLEBORO- INTERSTATE MAINTENANCE AND RELATED WORK ON I-295	5	NHPP	\$10,118,170	\$9,106,353	\$1,011,817	
INTERSTATE PAVEMENT SUBTOTAL:							\$27,417,914	\$24,676,123	\$2,741,791	
Non Interstate Pavement										
2021	608485	BERKSHIRE	MULTIPLE	PITTSFIELD- LANESBOROUGH- RESURFACING AND RELATED WORK ON ROUTE 8	1	NHPP	\$4,404,326	\$3,523,461	\$880,865	
2021	607477	BOSTON	MULTIPLE	LYNNFIELD- PEABODY- RESURFACING AND RELATED WORK ON ROUTE 1	4	NHPP	\$7,424,560	\$5,939,648	\$1,484,912	
2021	608491	CENTRAL MASSACHUSETTS	MULTIPLE	UXBRIDGE - MENDON - RESURFACING AND RELATED WORK ON ROUTE 16	3	NHPP	\$4,941,486	\$3,953,189	\$988,297	Construction
2021	608490	CENTRAL MASSACHUSETTS	MULTIPLE	UPTON - GRAFTON - RESURFACING AND RELATED WORK ON ROUTE 140	3	NHPP	\$9,041,868	\$7,233,494	\$1,808,374	Construction
2021	608494	MERRIMACK VALLEY	MULTIPLE	NEWBURY- NEWBURYPORT- SALISBURY- RESURFACING AND RELATED WORK ON ROUTE 1	4	NHPP	\$10,271,664	\$8,217,331	\$2,054,333	
2021	608487	PIONEER VALLEY	WESTFIELD	WESTFIELD- RESURFACING AND RELATED WORK ON RTE 10 AND 202	2	NHPP	\$2,676,240	\$2,140,992	\$535,248	
2021	608489	PIONEER VALLEY	WILBRAHAM	WILBRAHAM- RESURFACING AND RELATED WORK ON ROUTE 20	2	NHPP	\$8,602,200	\$6,881,760	\$1,720,440	
2021	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	
2021	608481	SOUTHEASTERN MASSACHUSETTS	SEEKONK	SEEKONK- RESURFACING AND RELATED WORK ON ROUTE 44	5	NHPP	\$4,281,984	\$3,425,587	\$856,397	
NON-INTERSTATE PAVEMENT SUBTOTAL:							\$67,449,437	\$53,959,549	\$13,489,888	
Roadway Improvements										
2021	608597	SOUTHEASTERN MASSACHUSETTS	ATTLEBORO	ATTLEBORO- STORMWATER IMPROVEMENTS ALONG INTERSTATE 95	5	STP	\$3,433,080	\$2,746,464	\$686,616	
ROADWAY IMPROVEMENTS SUBTOTAL:							\$3,433,080	\$2,746,464	\$686,616	

2021										
YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
Safety Improvements										
2021	609090	BOSTON	MULTIPLE	BOSTON-MILTON-QUINCY- HIGHWAY LIGHTING SYSTEM REPLACEMENT ON I-93, FROM NEPONSET AVENUE TO THE BRAINTREE	6	NHPP	\$3,000,000	\$2,400,000	\$600,000	
2021	608759	SOUTHEASTERN MASSACHUSETTS	SWANSEA	SWANSEA- TRAFFIC SIGNAL AND SAFETY IMPROVEMENTS AT THREE INTERSECTIONS ON ROUTE 6	5	HSIP	\$7,020,000	\$6,318,000	\$702,000	
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	
2021	608584	STATEWIDE	MULTIPLE	STATEWIDE-VARIOUS SAFETY STRATEGIES TO ADDRESS SHSP - TO BE DETERMINED (2021)	Multi	HSIP	\$5,000,000	\$4,500,000	\$500,000	
SAFETY IMPROVEMENTS SUBTOTAL:							\$20,172,000	\$17,339,600	\$2,832,400	
SECTION 2A / STATE PRIORITIZED RELIABILITY PROJECTS TOTAL:							\$295,264,692	\$240,155,546	\$55,109,146	
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	
Intelligent Transportation Systems										
2021	608361	STATEWIDE	MULTIPLE	STATEWIDE INTELLIGENT TRANSPORTATION SYSTEMS, YEAR 2021, FOR CIP POLICY DEVELOPMENT PURPOSES ONLY	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	607748	BOSTON	ACTON	ACTON- INTERSECTION & SIGNAL IMPROVEMENTS ON SR 2 & SR 111 (MASSACHUSETTS AVENUE) AT PIPER ROAD & TAYLOR ROAD	3	HSIP	\$5,000,000	\$4,500,000	\$500,000	
2021	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	

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	608561	MONTACHUSETT	LEOMINSTER	LEOMINSTER- IMPROVEMENTS AT ROUTE 12 (NORTH MAIN STREET) AT HAMILTON STREET; ROUTE 12 (NORTH MAIN STREET) AT NELSON STREET	3	HSIP	\$3,000,000	\$2,700,000	\$300,000	
2021	606450	PIONEER VALLEY	HOLYOKE	HOLYOKE- TRAFFIC SIGNAL UPGRADES AT 15 INTERSECTIONS ALONG HIGH & MAPLE STREETS	2	CMAQ	\$4,450,000	\$3,560,000	\$890,000	
2021	608053	SOUTHEASTERN MASSACHUSETTS	MANSFIELD	MANSFIELD- INTERSECTION & SIGNAL IMPROVEMENTS AT SR 140 (COMMERCIAL STREET) & SR 106 (CHAUNCEY STREET)	5	NHPP	\$974,815	\$779,852	\$194,963	
2021	608584	STATEWIDE	MULTIPLE	STATEWIDE-VARIOUS SAFETY STRATEGIES TO ADDRESS SHSP - TO BE DETERMINED (2021)	Multi	HSIP	\$3,000,000	\$2,700,000	\$300,000	
INTERSECTION IMPROVEMENTS SUBTOTAL:							\$18,424,815	\$16,039,852	\$2,384,963	

Roadway Reconstruction

2021	608911	BOSTON	BELMONT	BELMONT- IMPROVEMENTS AT WELLINGTON ELEMENTARY SCHOOL (SRTS)	4	TAP	\$1,243,750	\$995,000	\$248,750	
2021	607901	BOSTON	DEDHAM	DEDHAM- PEDESTRIAN IMPROVEMENTS ALONG ELM STREET & RUSTCRAFT ROAD CORRIDORS	6	CMAQ	\$3,230,597	\$2,584,478	\$646,119	
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	\$13,000,000	\$10,400,000	\$2,600,000	a) Construction; b) Total Project Cost = \$62,433,862 w/\$11,386,727 of Central Mass regional funding in 2020 and 2021/AC YR 2 of 4
2021	608829	OLD COLONY	STOUGHTON	STOUGHTON- IMPROVEMENTS AT WEST ELEMENTARY SCHOOL (SRTS)	5	TAP	\$2,226,600	\$1,781,280	\$445,320	
2021	608049	SOUTHEASTERN MASSACHUSETTS	FALL RIVER	FALL RIVER- CORRIDOR IMPROVEMENTS ON ROUTE 79/DAVOL STREET	5	STP	\$36,000,000	\$28,800,000	\$7,200,000	a) Construction; b)Total Project Cost = \$81,290,000; AC YR 2 of 5
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	a) Construction; b)Total Project Cost = \$81,290,000; AC YR 2 of 5
ROADWAY RECONSTRUCTION SUBTOTAL:							\$58,036,282	\$46,429,026	\$11,607,256	

SECTION 2B / STATE PRIORITIZED MODERNIZATION PROJECTS TOTAL:

\$88,107,497 \$71,785,998 \$16,321,499

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	\$10,316,559	\$8,253,247	\$2,063,312	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	\$11,086,757	\$8,869,406	\$2,217,351	Construction / PSAC score 36 / Total Cost \$17,390,041 / AC YR 1 of 2

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	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	607541	MERRIMACK VALLEY	MULTIPLE	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
2021	608157	PIONEER VALLEY	SPRINGFIELD	SPRINGFIELD- MCKNIGHT COMMUNITY TRAIL CONSTRUCTION, FROM ARMORY STREET TO HAYDEN AVENUE (1.5 MILES)	2	CMAQ	\$3,694,624	\$2,955,699	\$738,925	
2021	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
2021	607822	SOUTHEASTERN MASSACHUSETTS	MULTIPLE	NORTON- MANSFIELD- RAIL TRAIL EXTENSION (WORLD WAR II VETERANS TRAIL)	5	CMAQ	\$3,996,490	\$3,197,192	\$799,298	Construction / PSAC score 24
BICYCLES AND PEDESTRIANS SUBTOTAL:							\$35,000,000	\$28,000,000	\$7,000,000	
SECTION 2C / STATE PRIORITIZED EXPANSION PROJECTS TOTAL:							\$35,000,000	\$28,000,000	\$7,000,000	
SECTION 3 / PLANNING / ADJUSTMENTS / PASS-THROUGHS										
Planning / Adjustments / Pass throughs										
2021	EWO	STATEWIDE	MULTIPLE	Award adjustments, change orders, etc.	Multi	CMAQ	\$1,250,000	\$1,000,000	\$250,000	
2021	MRTDM 21	STATEWIDE	MULTIPLE	MassRides: Travel Demand Management	Multi	CMAQ	\$3,125,000	\$2,500,000	\$625,000	
2021	EWO	STATEWIDE	MULTIPLE	Award adjustments, change orders, etc.	Multi	HSIP	\$3,333,333	\$3,000,000	\$333,333	
2021	FPIRT21	STATEWIDE	MULTIPLE	Flex to Rail & Transit for Freight Plan Implementation	Multi	NFP	\$2,807,340	\$2,021,285	\$505,321	
2021	EWO	STATEWIDE	MULTIPLE	Award adjustments, change orders, etc.	Multi	NHPP	\$24,992,825	\$19,994,260	\$4,998,565	
2021	ABPGAN	STATEWIDE	MULTIPLE	ABP GANS Repayment	Multi	NHPP	\$85,190,000	\$85,190,000	\$0	
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										
YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2021	RRC21	STATEWIDE	MULTIPLE	Railroad Crossings	Multi	RRPD	\$1,111,111	\$1,000,000	\$111,111	
2021	UPWP22	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	\$5,000,000	\$4,000,000	\$1,000,000	
2021	ABPGAN	STATEWIDE	MULTIPLE	ABP GANS Repayment	Multi	STP-BR-OFF	\$350,000	\$350,000	\$0	
2021	EWO	STATEWIDE	MULTIPLE	Award adjustments, change orders, etc.	Multi	STP-BR-OFF	\$1,875,000	\$1,500,000	\$375,000	
2021	MREDU21	STATEWIDE	MULTIPLE	MassRides: SRTS Education	Multi	TAP	\$200,000	\$160,000	\$40,000	
2021	EWO	STATEWIDE	MULTIPLE	Award adjustments, change orders, etc.	Multi	TAP	\$625,000	\$500,000	\$125,000	
PLANNING / ADJUSTMENTS / PASS-THROUGHS SUBTOTAL:							\$160,825,331	\$146,099,234	\$14,445,363	
SECTION 3 / PLANNING / ADJUSTMENTS / PASS-THROUGHS TOTAL:							\$160,825,331	\$146,099,234	\$14,445,363	
TOTAL	YEAR 2021						\$822,258,583	\$681,014,462	\$140,963,387	

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

2022	608164	BOSTON	SUDBURY	SUDBURY- BIKE PATH CONSTRUCTION (BRUCE FREEMAN RAIL TRAIL)	3	CMAQ	\$9,184,778	\$7,347,822	\$1,836,956	Construction; CMAQ+TAP Total Cost = \$9,684,778; 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 Total Cost = \$9,684,778; MPO Evaluation Score = 40; TAP Proponent = Sudbury
2022	607738	BOSTON	BEDFORD	BEDFORD- MINUTEMAN BIKEWAY EXTENSION, FROM LOOMIS STREET TO THE CONCORD T.L.	4	CMAQ	\$6,489,964	\$5,191,971	\$1,297,993	Construction; CMAQ+TAP Total Cost = \$6,839,964; 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 Total Cost = \$6,839,964; MPO Evaluation Score = 47; TAP Proponent = Bedford
2022	607610	FRANKLIN	BUCKLAND	BUCKLAND- CONSTRUCTION OF BICYCLE SHOULDERS ON ROUTE 112, FROM MOHAWK TRAIL REGIONAL HIGH SCHOOL TO NORTH STREET	1	CMAQ	\$1,680,000	\$1,344,000	\$336,000	Construction; total project cost of \$1,500,000 inflated 4% per year to \$1,680,000; TEC score 5.2
2022	608142	MARTHA'S VINEYARD	OAK BLUFFS	OAK BLUFFS - CONSTRUCTION OF A SHARED USE PATH ALONG BEACH ROAD, FROM THE LAGOON POND DRAWBRIDGE NORTHERLY TO THE EASTVILLE AVENUE/COUNTY ROAD INTERSECTION	5	CMAQ	\$769,690	\$615,752	\$153,938	Construction/Total Project Cost = \$2,240,448 w/ \$1,448,906 from MV regional funding / AC YR 2 of 2 / PSAC Score 29.5

BICYCLES AND PEDESTRIANS SUBTOTAL: \$18,974,432 \$15,179,545 \$3,794,887

Bridge Program

2022	608830	NORTHERN MIDDLESEX	WESTFORD	WESTFORD-BRIDGE REHABILITATION BEAVER BROOK ROAD OVER BEAVER BROOK (W-26-014)	3	STP	\$1,822,280	\$1,457,824	\$364,456	Construction; Total Project Cost at 2022 YOE: \$1,822,280 (\$1,620,000); STP; TEC Score: 6.07 out of 18.
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BRIDGE PROGRAM SUBTOTAL: \$1,822,280 \$1,457,824 \$364,456

Intersection Improvements

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+NHPP Total Cost = \$9,166,410; 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+NHPP Total Cost = \$9,166,410; MPO Evaluation Score = 55
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+NHPP Total Cost = \$9,166,410; 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	STP	\$2,661,657	\$2,129,326	\$532,331	Construction; HSIP+CMAQ+STP+NHPP Total Cost = \$9,166,410; MPO Evaluation Score = 55
2022	607397	CAPE COD	WELLFLEET	WELLFLEET- INTERSECTION IMPROVEMENTS & RELATED WORK AT ROUTE 6 & MAIN STREET	5	CMAQ	\$1,046,285	\$837,028	\$209,257	Construction; Total project cost = \$6,720,000 with 12% inflation (STP + HSIP + CMAQ + TAP); MPO score = 82; Municipality is TAP proponent; RSA completed; CMAQ analysis to be completed
2022	607397	CAPE COD	WELLFLEET	WELLFLEET- INTERSECTION IMPROVEMENTS & RELATED WORK AT ROUTE 6 & MAIN STREET	5	HSIP	\$458,514	\$412,663	\$45,851	Construction; Total project cost = \$6,720,000 with 12% inflation (STP + HSIP + CMAQ + TAP); MPO score = 82; Municipality is TAP proponent; RSA completed; CMAQ analysis to be completed
2022	607397	CAPE COD	WELLFLEET	WELLFLEET- INTERSECTION IMPROVEMENTS & RELATED WORK AT ROUTE 6 & MAIN STREET	5	STP	\$5,009,392	\$4,007,514	\$1,001,878	Construction; Total project cost = \$6,720,000 with 12% inflation (STP + HSIP + CMAQ + TAP); MPO score = 82; Municipality is TAP proponent; RSA completed; CMAQ analysis to be completed
2022	607397	CAPE COD	WELLFLEET	WELLFLEET- INTERSECTION IMPROVEMENTS & RELATED WORK AT ROUTE 6 & MAIN STREET	5	TAP	\$205,809	\$164,647	\$41,162	Construction; Total project cost = \$6,720,000 with 12% inflation (STP + HSIP + CMAQ + TAP); MPO score = 82; Municipality is TAP proponent; RSA completed; CMAQ analysis to be completed
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	\$1,741,343	\$1,393,074	\$348,269	Construction / CMAQ + STP + SW HSIP Total Project Cost = \$5,820,449 w/ Central Mass MPO funding at \$3,320,449 / 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	\$1,579,106	\$1,263,285	\$315,821	Construction / CMAQ + STP + SW HSIP Total Project Cost = \$5,820,449 w/ Central Mass MPO funding at \$3,320,449 / 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 \$1,981,822 inflated 4% per year to \$2,219,641; 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	\$1,965,666	\$1,572,533	\$393,133	Construction; total project cost of \$1,981,822 inflated 4% per year to \$2,219,641; funded with combination of HSIP & STP; TEC score 9.2

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	608279	OLD COLONY	STOUGHTON	STOUGHTON - INTERSECTION IMPROVEMENTS AND RELATED WORK AT CENTRAL STREET, CANTON STREET AND TOSCA DRIVE	5	STP	\$3,360,000	\$2,688,000	\$672,000	a) Construction; b) Total Project Cost = \$3,360,000 w/ \$3,360,000 of STP funding; d) MPO score 43.22
2022	606895	PIONEER VALLEY	GRANBY	GRANBY- IMPROVEMENTS @ 2 LOCATIONS ON ROUTE 202: SCHOOL STREET & FIVE CORNERS	2	HSIP	\$1,000,000	\$900,000	\$100,000	Construction / (YOE \$2,866,866) STP) / 42 TEC / 25% STP, HSIP
2022	606895	PIONEER VALLEY	GRANBY	GRANBY- IMPROVEMENTS @ 2 LOCATIONS ON ROUTE 202: SCHOOL STREET & FIVE CORNERS	2	STP	\$1,866,866	\$1,493,493	\$373,373	Construction / (YOE \$2,866,866) STP) / 42 TEC / 25% STP, HSIP
2022	606156	PIONEER VALLEY	HOLYOKE	HOLYOKE- RECONSTRUCTION OF I-91 INTERCHANGE 17 & ROUTE 141	2	STP	\$3,429,583	\$2,743,666	\$685,917	Construction / (YOE \$3,429,583 STP) / 47 TEC / Pre 25%
2022	608536	SOUTHEASTERN MASSACHUSETTS	NEW BEDFORD	NEW BEDFORD- INTERSECTION IMPROVEMENTS AND RELATED WORK AT ROCKDALE AVENUE AND ALLEN STREET	5	HSIP	\$1,680,000	\$1,512,000	\$168,000	a) Construction; b) Total Cost = \$1,680,000 HSIP; d) EC Score 35 of 87; i) Status Pre 25%;
2022	608230	SOUTHEASTERN MASSACHUSETTS	REHOBOTH	REHOBOTH- INTERSECTION IMPROVEMENTS & RELATED WORK AT WINTHROP STREET (ROUTE 44) AND ANAWAN STREET (ROUTE 118)	5	STP	\$2,352,000	\$1,881,600	\$470,400	a) Construction; b) Total Cost = \$2,352,000 STP; d) EC Score 11 of 87; i) Status Pre 25%
INTERSECTION IMPROVEMENTS SUBTOTAL:							\$35,114,949	\$28,494,382	\$6,620,568	
Non-Interstate Pavement										
2022	608891	MONTACHUSETT	GARDNER	GARDNER- RESURFACING AND RUMBLE STRIP INSTALLATION ON ROUTE 140	3	STP	\$1,344,000	\$1,075,200	\$268,800	Construction; Total \$1,200,000; YOE Cost \$1,344,000; TEC = 31; Book Job; Prelim Design;
2022	608535	SOUTHEASTERN MASSACHUSETTS	NEW BEDFORD	NEW BEDFORD- CORRIDOR IMPROVEMENTS AND RELATED WORK ON COUNTY STREET FROM NELSON STREET TO UNION STREET	5	STP	\$7,840,000	\$6,272,000	\$1,568,000	a) Construction; b) Total Cost = \$7,840,000 STP; d) EC Score 36 of 87; i) Status Pre 25%
NON-INTERSTATE PAVEMENT SUBTOTAL:							\$9,184,000	\$7,347,200	\$1,836,800	
Planning / Adjustments / Pass-throughs										
2022	CCBR22	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 municipalites.
PLANNING / ADJUSTMENTS / PASS-THROUGHS SUBTOTAL:							\$100,000	\$80,000	\$20,000	
Roadway Improvements										
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 = 3,238,033; MPO evaluation score 6 of 8; Design Status: <25%; YOE = 12%
2022	608767	BERKSHIRE	EGREMONT	EGREMONT- RECONSTRUCTION AND RELATED WORK ON ROUTE 23/41, FROM CREAMERY ROAD TO NORTH UNDERMOUNTAIN ROAD	1	STP	\$2,348,122	\$1,878,498	\$469,624	STP + CMAQ; Total Cost = 3,238,033; MPO evaluation score 6 of 8; Design Status: <25%; YOE = 12%
2022	606233	BERKSHIRE	PITTSFIELD	PITTSFIELD- INTERSECTION & SIGNAL IMPROVEMENTS AT FIRST STREET & NORTH STREET (NEAR BERKSHIRE MEDICAL CENTER)	1	CMAQ	\$705,875	\$564,700	\$141,175	STP + CMAQ + HSIP; Total Cost = 5,600,000; MPO evaluation score 6 of 8; Design Status: <25%; YOE = 12%

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	606233	BERKSHIRE	PITTSFIELD	PITTSFIELD- INTERSECTION & SIGNAL IMPROVEMENTS AT FIRST STREET & NORTH STREET (NEAR BERKSHIRE MEDICAL CENTER)	1	HSIP	\$500,000	\$450,000	\$50,000	STP + CMAQ + HSIP; Total Cost = 5,600,000; MPO evaluation score 6 of 8; Design Status: <25%; YOE = 12%
2022	606233	BERKSHIRE	PITTSFIELD	PITTSFIELD- INTERSECTION & SIGNAL IMPROVEMENTS AT FIRST STREET & NORTH STREET (NEAR BERKSHIRE MEDICAL CENTER)	1	STP	\$4,394,125	\$3,515,300	\$878,825	STP + CMAQ + HSIP; Total Cost = 5,600,000; MPO evaluation score 6 of 8; Design Status: <25%; YOE = 12%
2022	605178	NORTHERN MIDDLESEX	BILLERICA	BILLERICA-REHABILITATION ON BOSTON ROAD (ROUTE 3A) FROM BILLERICA TOWN CENTER TO FLOYD STREET	4	STP	\$6,766,350	\$5,413,080	\$1,353,270	Construction; Total Project cost at 2022 YOY: \$7,048,259 (\$6,265,876); STP, TAP; NMMPO TEC Score: 6.40 out of 18; TAP Proponent: Town of Billerica.
2022	605178	NORTHERN MIDDLESEX	BILLERICA	BILLERICA-REHABILITATION ON BOSTON ROAD (ROUTE 3A) FROM BILLERICA TOWN CENTER TO FLOYD STREET	4	TAP	\$281,909	\$225,527	\$56,382	Construction; Total Project cost at 2022 YOY: \$7,048,259 (\$6,265,876); STP, TAP; NMMPO TEC Score: 6.40 out of 18; TAP Proponent: Town of Billerica.
2022	607403	OLD COLONY	STOUGHTON	STOUGHTON - CORRIDOR IMPROVEMENTS ON ROUTE 138	5	HSIP	\$455,954	\$410,359	\$45,595	a) Construction; b) Total Project Cost = \$5,040,000 w/ \$4,239,239 of STP funding, \$455,954 of HSIP funding, and \$344,808 of TAP funding; d) MPO score 51.78
2022	607403	OLD COLONY	STOUGHTON	STOUGHTON - CORRIDOR IMPROVEMENTS ON ROUTE 138	5	STP	\$4,239,239	\$3,391,391	\$847,848	a) Construction; b) Total Project Cost = \$5,040,000 w/ \$4,239,239 of STP funding, \$455,954 of HSIP funding, and \$344,808 of TAP funding; d) MPO score 51.78
2022	607403	OLD COLONY	STOUGHTON	STOUGHTON - CORRIDOR IMPROVEMENTS ON ROUTE 138	5	TAP	\$344,808	\$275,846	\$68,962	a) Construction; b) Total Project Cost = \$5,040,000 w/ \$4,239,239 of STP funding, \$455,954 of HSIP funding, and \$344,808 of TAP funding; d) MPO score 51.78
ROADWAY IMPROVEMENTS SUBTOTAL:							\$20,926,293	\$16,836,630	\$4,089,663	
Roadway Reconstruction										
2022	608229	BOSTON	ACTON	ACTON- INTERSECTION & SIGNAL IMPROVEMENTS AT KELLEY'S CORNER, ROUTE 111 (MASSACHUSETTS AVENUE) AND ROUTE 27 (MAIN STREET)	3	CMAQ	\$3,000,000	\$2,400,000	\$600,000	Construction; CMAQ+TAP+STP Total Cost = \$14,718,378; 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	\$11,518,378	\$9,214,702	\$2,303,676	Construction; CMAQ+TAP+STP Total Cost = \$14,718,378; 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 = \$14,718,378; MPO Evaluation Score = 45; TAP project proponent = Acton

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	NHPP	\$14,664,180	\$11,731,344	\$2,932,836	Construction; NHPP+STP+TAP Total Cost = \$152,000,000; AC Yr 3 of 5; Total funding in this TIP = \$116,626,515; MPO Evaluation Score = 59
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; NHPP+STP+TAP Total Cost = \$152,000,000; AC Yr 3 of 5; Total funding in this TIP = \$116,626,515; MPO Evaluation Score = 59
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; NHPP+STP+TAP Total Cost = \$152,000,000; AC Yr 3 of 5; Total funding in this TIP = \$116,626,515; MPO Evaluation Score = 59; TAP 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 = \$10,027,904; 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	\$9,027,904	\$7,222,323	\$1,805,581	Construction; CMAQ+STP Total Cost = \$10,027,904; 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 = \$13,701,100; 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 = \$13,701,100; MPO Evaluation Score = 75
2022	607777	BOSTON	WATERTOWN	WATERTOWN- REHABILITATION OF MOUNT AUBURN STREET (ROUTE 16)	6	STP	\$10,701,100	\$8,560,880	\$2,140,220	Construction; HSIP+CMAQ+STP Total Cost = \$13,701,100; MPO Evaluation Score = 75
2022	607405	CAPE COD	CHATHAM	CHATHAM- INTERSECTION IMPROVEMENTS & RELATED WORK AT MAIN STREET (ROUTE 28), DEPOT ROAD, QUEEN ANNE ROAD AND CROWELL ROAD	5	STP	\$3,048,976	\$2,439,181	\$609,795	Construction; Total project cost = \$3,048,976 with 12% inflation applied; MPO score = 76; CMAQ analysis to be completed
2022	608432	CENTRAL MASSACHUSETTS	RUTLAND	RUTLAND - RECONSTRUCTION OF ROUTE 56 (POMMOGUSSETT ROAD)	3	STP	\$4,532,931	\$3,626,345	\$906,586	Construction / STP Total Project Cost = \$4,532,931 / 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	\$6,480,433	\$5,184,346	\$1,296,087	Construction / STP + TAP Total Project Cost = \$6,970,486 / 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	\$490,053	\$392,042	\$98,011	Construction / STP + TAP Total Project Cost = \$6,970,486 / PM Score = 10 / Design Status = 75% / Project Proponent is the town of Uxbridge
2022	608038	CENTRAL MASSACHUSETTS	WEBSTER	WEBSTER - RESURFACING & RELATED WORK OF KLEBART AVENUE & LAKE PARKWAY	3	STP	\$6,558,227	\$5,246,582	\$1,311,645	Construction / STP Total Project Cost = \$6,558,227 / PM Score = 8 / Design Status = 75%

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	605983	FRANKLIN	WHATELY	WHATELY- REHABILITATION OF HAYDENVILLE ROAD, FROM CONWAY ROAD TO THE WILLIAMSBURG T.L. (1.7 MILES)	2	STP	\$2,016,000	\$1,612,800	\$403,200	Construction; total project cost of \$1,800,000 inflated 4% per year to \$2,016,000; 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 8% from 2019 cost) = FFY 2021 (\$4,411,814 STP + \$1,107,389 CMAQ + \$442,956 HSIP + \$351,000 TAP) + FFY 2022 (\$8,602,213 STP + \$1,107,389 CMAQ + \$442,956 HSIP + \$351,000 TAP) ; c) AC Year 2 of 2 = \$10,503,558; d) TE
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 8% from 2019 cost) = FFY 2021 (\$4,411,814 STP + \$1,107,389 CMAQ + \$442,956 HSIP + \$351,000 TAP) + FFY 2022 (\$8,602,213 STP + \$1,107,389 CMAQ + \$442,956 HSIP + \$351,000 TAP) ; c) AC Year 2 of 2 = \$10,503,558; d) TE
2022	608095	MERRIMACK VALLEY	NORTH ANDOVER	NORTH ANDOVER- CORRIDOR IMPROVEMENTS ON ROUTE 114, BETWEEN ROUTE 125 (ANDOVER STREET) & STOP & SHOP DRIVEWAY	4	STP	\$8,602,213	\$6,881,770	\$1,720,443	a) Construction; b) \$16,816,717 (inflated 8% from 2019 cost) = FFY 2021 (\$4,411,814 STP + \$1,107,389 CMAQ + \$442,956 HSIP + \$351,000 TAP) + FFY 2022 (\$8,602,213 STP + \$1,107,389 CMAQ + \$442,956 HSIP + \$351,000 TAP) ; c) AC Year 2 of 2 = \$10,503,558; d) TE
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 8% from 2019 cost) = FFY 2021 (\$4,411,814 STP + \$1,107,389 CMAQ + \$442,956 HSIP + \$351,000 TAP) + FFY 2022 (\$8,602,213 STP + \$1,107,389 CMAQ + \$442,956 HSIP + \$351,000 TAP) ; c) AC Year 2 of 2 = \$10,503,558; d) TE
2022	604499	MONTACHUSETT	LEOMINSTER	LEOMINSTER- RECONSTRUCTION/ REHABILITATION ON ROUTE 12 (CENTRAL STREET), INCLUDING REHABILITATION OF L-08-022	3	CMAQ	\$1,200,000	\$960,000	\$240,000	
2022	604499	MONTACHUSETT	LEOMINSTER	LEOMINSTER- RECONSTRUCTION/ REHABILITATION ON ROUTE 12 (CENTRAL STREET), INCLUDING REHABILITATION OF L-08-022	3	HSIP	\$500,000	\$450,000	\$50,000	
2022	604499	MONTACHUSETT	LEOMINSTER	LEOMINSTER- RECONSTRUCTION/ REHABILITATION ON ROUTE 12 (CENTRAL STREET), INCLUDING REHABILITATION OF L-08-022	3	STP	\$7,552,168	\$6,041,734	\$1,510,434	Construction; Total \$8,350,150; YOE Cost \$9,352,168; STP; TEC = 37; Possible Eligible for HSIP/CMAQ/TAP; TAP Proponent State/Leominster; Contract to Scope Given NTP; CMAQ Benefit TBD; Prelim Design;

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	604499	MONTACHUSETT	LEOMINSTER	LEOMINSTER- RECONSTRUCTION/ REHABILITATION ON ROUTE 12 (CENTRAL STREET), INCLUDING REHABILITATION OF L-08-022	3	TAP	\$100,000	\$80,000	\$20,000		
2022	605032	PIONEER VALLEY	HADLEY	HADLEY- RECONSTRUCTION ON ROUTE 9, FROM MIDDLE STREET TO MAPLE/SOUTH MAPLE STREET	2	CMAQ	\$2,000,000	\$1,600,000	\$400,000	Construction / (YOE \$25,805,364) AC Year 2 of 2 FFY2021 \$12,652,410, FFY 2022 \$13,152,954 / 50 TEC / 25% STP, CMAQ, TAP	
2022	605032	PIONEER VALLEY	HADLEY	HADLEY- RECONSTRUCTION ON ROUTE 9, FROM MIDDLE STREET TO MAPLE/SOUTH MAPLE STREET	2	STP	\$10,652,954	\$8,522,363	\$2,130,591	Construction / (YOE \$25,805,364) AC Year 2 of 2 FFY2021 \$12,652,410, FFY 2022 \$13,152,954 / 50 TEC / 25% STP, CMAQ, TAP	
2022	605032	PIONEER VALLEY	HADLEY	HADLEY- RECONSTRUCTION ON ROUTE 9, FROM MIDDLE STREET TO MAPLE/SOUTH MAPLE STREET	2	TAP	\$500,000	\$400,000	\$100,000	Construction / (YOE \$25,805,364) AC Year 2 of 2 FFY2021 \$12,652,410, FFY 2022 \$13,152,954 / 50 TEC / 25% STP, CMAQ, TAP	
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	\$7,390,199	\$5,912,159	\$1,478,040	Construction / (YOE \$19,797,253) AC Year 1 of 2 FFY 2022 \$7,390,199 FFY2023 \$12,407,054 / 66.5 TEC / 25% / STP	
2022	607871	SOUTHEASTERN MASSACHUSETTS	DARTMOUTH	DARTMOUTH- REALIGNMENT OF TUCKER ROAD TO ROUTE 6 AND HATHAWAY ROAD, INCLUDING INTERSECTION SIGNALIZATION	5	CMAQ	\$1,500,000	\$1,200,000	\$300,000	a) Construction; b) Total Cost = \$5,600,000 STP (\$4,100,000) / CMAQ (\$1,500,000); d) EC Score 13 of 87; i) Status Pre 25% Anticipating CMAQ Eligibility	
2022	607871	SOUTHEASTERN MASSACHUSETTS	DARTMOUTH	DARTMOUTH- REALIGNMENT OF TUCKER ROAD TO ROUTE 6 AND HATHAWAY ROAD, INCLUDING INTERSECTION SIGNALIZATION	5	STP	\$4,100,000	\$3,280,000	\$820,000	a) Construction; b) Total Cost = \$5,600,000 STP (\$4,100,000) / CMAQ (\$1,500,000); d) EC Score 13 of 87; i) Status Pre 25% Anticipating CMAQ Eligibility	
2022	607440	SOUTHEASTERN MASSACHUSETTS	MATTAPOISETT	MATTAPOISETT- CORRIDOR IMPROVEMENTS AND RELATED WORK ON MAIN STREET, WATER STREET, BEACON STREET AND MARION ROAD.	5	STP	\$4,200,000	\$3,360,000	\$840,000	a) Construction; b) Total Cost = \$4,200,000 STP; d) EC Score 12 of 87; h) Project Proponent - Mattapoisett; i) Status Pre 25%	
ROADWAY RECONSTRUCTION SUBTOTAL:							\$154,218,649	\$123,669,212	\$30,549,437		
REGIONALLY PRIORITIZED PROJECTS SUBTOTAL:							\$240,340,603	\$193,064,793	\$47,275,811		
SECTION 1A / REGIONALLY PRIORITIZED PROJECTS TOTAL:							\$240,340,603	\$193,064,793	\$47,275,811		

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; (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 PROJECTS TOTAL: \$640,000 \$512,000 \$128,000

SECTION 2A / STATE PRIORITIZED RELIABILITY PROJECTS

Bridge Program / Inspections

2022	BRI22	STATEWIDE	MULTIPLE	Bridge Inspection	Multi	NHPP	\$11,933,333	\$9,546,667	\$2,386,667	
2022	BRI22	STATEWIDE	MULTIPLE	Bridge Inspection	Multi	STP-BR-OFF	\$5,966,667	\$4,773,333	\$1,193,333	
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	
2022	608856	BERKSHIRE	OTIS	OTIS- BRIDGE REPLACEMENT, O-05-007, TANNERY ROAD OVER W. BRANCH OF FARMINGTON RIVER	1	STP-BR-OFF	\$821,280	\$657,024	\$164,256	
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	
2022	608859	BERKSHIRE	TYRINGHAM	TYRINGHAM- BRIDGE REPLACEMENT, T-10-003, JERUSALEM ROAD OVER HOP BROOK	1	STP-BR-OFF	\$3,087,325	\$2,469,860	\$617,465	
2022	608851	CENTRAL MASSACHUSETTS	MULTIPLE	HARDWICK - NEW BRAINTREE - BRIDGE REPLACEMENT, H-08-003 = N-07-002, CREAMERY ROAD OVER WARE RIVER	2	STP-BR-OFF	\$4,123,104	\$3,298,483	\$824,621	Construction
2022	608862	CENTRAL MASSACHUSETTS	SOUTHBRIDGE	SOUTHBRIDGE - BRIDGE REPLACEMENT, S-21-009, MILL STREET OVER THE MCKINSTRY BROOK	3	STP-BR-OFF	\$1,500,000	\$1,200,000	\$300,000	Construction
2022	608907	CENTRAL MASSACHUSETTS	UXBRIDGE	UXBRIDGE - BRIDGE REPLACEMENT, U-02-052, ROUTE 146 RAMP OVER EMERSON BROOK	3	STP-BR-OFF	\$1,518,862	\$1,215,090	\$303,772	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										
YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
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	608850	MONTACHUSETT	PETERSHAM	PETERSHAM- BRIDGE REPLACEMENT, P-08-002, GLEN VALLEY ROAD OVER EAST BRANCH OF 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	608861	NORTHERN MIDDLESEX	WESTFORD	WESTFORD- BRIDGE REPLACEMENT, W-26-002, STONY BROOK ROAD OVER THE STONY BROOK	3	STP-BR-OFF	\$2,205,120	\$1,764,096	\$441,024	
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	
2022	608869	PIONEER VALLEY	NORTHAMPTON	NORTHAMPTON- BRIDGE REPLACEMENT, N-19-068, OLD SPRINGFIELD ROAD OVER THE MILL RIVER	2	STP-BR-OFF	\$3,981,000	\$3,184,800	\$796,200	
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	
BRIDGE PROGRAM / OFF-SYSTEM SUBTOTAL:							\$34,699,795	\$27,759,836	\$6,939,959	
Bridge Program / On System (NHS)										
2022	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	\$21,746,735	\$17,397,388	\$4,349,347	AC Year 4 of 5, Total Cost \$74,471,140
2022	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	
2022	608614	BOSTON	BOSTON	BOSTON- BRIDGE SUBSTRUCTURE REPAIRS, B-16-179, AUSTIN STREET OVER I-93 RAMPS, MBTA COMMUTER RAIL AND ORANGE LINE	6	NHPP-ON	\$22,132,800	\$17,706,240	\$4,426,560	
2022	604173	BOSTON	BOSTON	BOSTON- BRIDGE REPLACEMENT, B-16-016, NORTH WASHINGTON STREET OVER THE BOSTON INNER HARBOR	6	NHPP-ON	\$22,621,004	\$18,096,803	\$4,524,201	AC Year 6 of 6, Total Cost \$193,058,158
2022	606548	FRANKLIN	GREENFIELD	GREENFIELD- BRIDGE REPLACEMENT, G-12-052 (0XR) & G-12-053 (0XT), I-91 (NB & SB) OVER BMRR	2	NHPP-ON	\$20,563,987	\$16,451,190	\$4,112,797	Construction; total project cost \$20,563,987
2022	605306	MERRIMACK VALLEY	HAVERHILL	HAVERHILL - BRIDGE REPLACEMENT, H-12-039, I-495 (NB & SB) OVER MERRIMACK RIVER	4	NHPP-ON	\$19,797,731	\$15,838,185	\$3,959,546	AC Year 5 of 6, Total Cost \$118,786,388
2022	606552	PIONEER VALLEY	NORTHAMPTON	NORTHAMPTON- BRIDGE RECONSTRUCTION, N-19-059, I-91 OVER US 5/BMRR & N-19-060, I-91 OVER HOCKANUM ROAD	1	NHPP-ON	\$11,378,353	\$9,102,682	\$2,275,671	AC Year 3 of 5, Total Cost \$56,891,767
BRIDGE PROGRAM / ON-SYSTEM (NHS) SUBTOTAL:							\$129,001,570	\$103,201,256	\$25,800,314	
Bridge Program / On System (Non NHS)										
2022	608929	BOSTON	WILMINGTON	WILMINGTON- BRIDGE REPLACEMENT, W-38-003, BUTTERS ROW OVER MBTA	4	NHPP-OFF	\$5,183,360	\$4,146,688	\$1,036,672	
BRIDGE PROGRAM / ON-SYSTEM (NON-NHS) SUBTOTAL:							\$5,183,360	\$4,146,688	\$1,036,672	

2022											
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 / Systematic Maintenance											
2022	608866	BOSTON	MULTIPLE	NEWTON- WESTON- STEEL SUPERSTRUCTURE CLEANING (FULL REMOVAL) AND PAINTING OF 3 BRIDGES: N-12-051, W-29-011 & W-29-028	6	NHPP-ON	\$2,349,900	\$1,879,920	\$469,980		
2022	TBA	STATEWIDE	MULTIPLE	DISTRICT 1- SYSTEMATIC BRIDGE MAINTENANCE AT VARIOUS LOCATIONS (2022)	1	NHPP-OFF	\$522,200	\$417,760	\$104,440		
2022	608837	STATEWIDE	MULTIPLE	DISTRICT 2- SYSTEMATIC BRIDGE MAINTENANCE AT VARIOUS LOCATIONS (2022)	2	NHPP-OFF	\$1,540,000	\$1,232,000	\$308,000		
2022	TBA	STATEWIDE	MULTIPLE	DISTRICT 4- SYSTEMATIC BRIDGE MAINTENANCE AT VARIOUS LOCATIONS (2022)	4	NHPP-OFF	\$3,000,000	\$2,400,000	\$600,000		
2022	608863	STATEWIDE	MULTIPLE	DISTRICT 5- SYSTEMATIC BRIDGE PRESERVATION ALONG THE ROUTE 24 CORRIDOR	5	NHPP-ON	\$1,605,100	\$1,284,080	\$321,020		
BRIDGE PROGRAM / SYSTEMATIC MAINTENANCE SUBTOTAL:							\$9,017,200	\$7,213,760	\$1,803,440		
Interstate Pavement											
2022	608210	BOSTON	MULTIPLE	FOXBOROUGH- PLAINVILLE- WRENTHAM- FRANKLIN I.M. RESURFACING WORK ON I-495	5	NHPP	\$11,497,920	\$10,348,128	\$1,149,792		
2022	608826	STATEWIDE	MULTIPLE	TEWKSBURY- ANDOVER- INTERSTATE MAINTENANCE RESURFACING AND RELATED WORK ON I-93	4	NHPP	\$13,393,180	\$12,053,862	\$1,339,318		
INTERSTATE PAVEMENT SUBTOTAL:							\$24,891,100	\$22,401,990	\$2,489,110		
Non Interstate Pavement											
2022	608813	BERKSHIRE	LANESBOROUGH	LANESBOROUGH - RESURFACING AND RELATED WORK ON ROUTE 7	1	NHPP	\$2,310,157	\$1,848,126	\$462,031		
2022	609103	BERKSHIRE	MULTIPLE	NORTH ADAMS- FLORIDA RESURFACING AND RELATED WORK ON ROUTE 2	1	NHPP	\$6,454,694	\$5,163,755	\$1,290,939		
2022	608818	BOSTON	DANVERS	DANVERS- RESURFACING AND RELATED WORK ON ROUTE 114	4	NHPP	\$1,850,240	\$1,480,192	\$370,048		
2022	608817	BOSTON	MULTIPLE	SALEM- LYNN- RESURFACING AND RELATED WORK ON RTE 107	4	NHPP	\$2,527,560	\$2,022,048	\$505,512		
2022	608498	BOSTON	MULTIPLE	HINGHAM- WEYMOUTH- BRAINTREE- RESURFACING AND RELATED WORK ON ROUTE 53	6	NHPP	\$7,929,600	\$6,343,680	\$1,585,920		
2022	608819	CAPE COD	BARNSTABLE	BARNSTABLE- RESURFACING AND RELATED WORK ON ROUTE 6	5	NHPP	\$11,418,624	\$9,134,899	\$2,283,725	Construction; MPO score = 46	
2022	608815	CENTRAL MASSACHUSETTS	HOLDEN	HOLDEN - RESURFACING AND RELATED WORK ON ROUTE 122A	3	NHPP	\$2,854,656	\$2,283,725	\$570,931	Construction	
2022	608814	CENTRAL MASSACHUSETTS	MULTIPLE	SPENCER - EAST BROOKFIELD - RESURFACING AND RELATED WORK ON ROUTE 9	3	NHPP	\$8,722,560	\$6,978,048	\$1,744,512	Construction	
2022	608820	OLD COLONY	MULTIPLE	BRIDGEWATER- BROCKTON- PAVEMENT PRESERVATION AND RELATED WORK ON ROUTE 24	5	NHPP	\$9,674,112	\$7,739,290	\$1,934,822		

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	608466	PIONEER VALLEY	MULTIPLE	BELCHERTOWN- GRANBY- RESURFACING AND RELATED WORK ON ROUTE 202	2	NHPP	\$4,163,040	\$3,330,432	\$832,608	
2022	608816	STATEWIDE	MULTIPLE	DRACUT- METHUEN- RESURFACING AND RELATED WORK ON RTE 110	4	NHPP	\$6,066,144	\$4,852,915	\$1,213,229	
NON-INTERSTATE PAVEMENT SUBTOTAL:							\$63,971,387	\$51,177,110	\$12,794,277	
Roadway Improvements										
2022	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	
2022	TBD	SOUTHEASTERN MASSACHUSETTS	ATTLEBORO	ATTLEBORO- STORMWATER IMPROVEMENTS ALONG INTERSTATE 95 PART II	5	STP	\$1,250,000	\$1,000,000	\$250,000	
ROADWAY IMPROVEMENTS SUBTOTAL:							\$1,776,235	\$1,420,988	\$355,247	
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 + STP + SW HSIP Total Project Cost = \$5,820,449 w/ Central Mass MPO funding at \$3,320,449 / PM Score = 19 / Design Status = Pre 25%
2022	609063	SOUTHEASTERN MASSACHUSETTS	MULTIPLE	ATTLEBORO-NORTH ATTLEBOROUGH GUIDE AND TRAFFIC SIGN REPLACEMENT ON INTERSTATE 295	5	HSIP	\$408,454	\$367,609	\$40,845	
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	
2022	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	
2022	609064	STATEWIDE	MULTIPLE	WAREHAM TO BOURNE- GUIDE AND TRAFFIC SIGN REPLACEMENT ON ROUTE 25	5	HSIP	\$448,767	\$403,891	\$44,877	
SAFETY IMPROVEMENTS SUBTOTAL:							\$16,861,319	\$13,824,778	\$3,036,542	
SECTION 2A / STATE PRIORITIZED RELIABILITY PROJECTS TOTAL:							\$303,301,966	\$245,466,406	\$57,835,561	
SECTION 2B / STATE PRIORITIZED MODERNIZATION PROJECTS										
Intelligent Transportation Systems										
2022	608839	STATEWIDE	MULTIPLE	STATEWIDE INTELLIGENT TRANSPORTATION SYSTEMS, YEAR 2022, FOR CIP POLICY DEVELOPMENT PURPOSES ONLY	Multi	NHPP	\$10,000,000	\$8,000,000	\$2,000,000	
INTELLIGENT TRANSPORTATION SYSTEMS SUBTOTAL:							\$10,000,000	\$8,000,000	\$2,000,000	

2022										
YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
Intersection Improvements										
2022	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	\$3,200,000	\$2,880,000	\$320,000	
2022	608569	BOSTON	QUINCY	QUINCY- INTERSECTION IMPROVEMENTS AT ROUTE 3A (SOUTHERN ARTERY) AND BROAD STREET	6	HSIP	\$4,000,000	\$3,600,000	\$400,000	
2022	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
2022	608560	PIONEER VALLEY	SPRINGFIELD	SPRINGFIELD- IMPROVEMENTS ON ST JAMES AVENUE AT TAPLEY STREET	2	HSIP	\$2,688,000	\$2,419,200	\$268,800	
2022	608565	PIONEER VALLEY	SPRINGFIELD	SPRINGFIELD- IMPROVEMENTS ON ST JAMES AVENUE AT ST JAMES BOULEVARD AND CAREW STREET AT TAPLEY STREET	2	HSIP	\$2,784,000	\$2,505,600	\$278,400	
2022	608841	STATEWIDE	MULTIPLE	STATEWIDE-VARIOUS INTERSECTION STRATEGIES TO ADDRESS SHSP - TO BE DETERMINED (2022)	Multi	HSIP	\$342,667	\$308,400	\$34,267	
INTERSECTION IMPROVEMENTS SUBTOTAL:							\$15,798,667	\$14,218,800	\$1,579,867	
Roadway Reconstruction										
2022	607977	BOSTON	MULTIPLE	HOPKINTON- WESTBOROUGH- RECONSTRUCTION OF I-90/I-495 INTERCHANGE	3	NFP	\$27,500,000	\$22,000,000	\$5,500,000	Total Federal Participating Cost (TFPC) = \$189,451,000; Total Construction Cost (TCC) = \$270,000,000; AC Yr 1 of 6
2022	607977	BOSTON	MULTIPLE	HOPKINTON- WESTBOROUGH- RECONSTRUCTION OF I-90/I-495 INTERCHANGE	3	NHPP	\$12,233,939	\$9,787,151	\$2,446,788	Total Federal Participating Cost (TFPC) = \$189,451,000; Total Construction Cost (TCC) = \$270,000,000; AC Yr 1 of 6
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	\$13,000,000	\$10,400,000	\$2,600,000	a) Construction; b) Total Project Cost = \$62,433,862 w/\$11,386,727 of Central Mass regional funding in 2020 and 2021/AC YR 3 of 4
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	a) Construction; b) Total Project Cost = \$81,290,000; AC YR 3 of 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	a) Construction; b) Total Project Cost = \$81,290,000; AC YR 3 of 5
2022	608049	SOUTHEASTERN MASSACHUSETTS	FALL RIVER	FALL RIVER- CORRIDOR IMPROVEMENTS ON ROUTE 79/DAVOL STREET	5	TAP	\$287,155	\$229,724	\$57,431	a) Construction; b) Total Project Cost = \$81,290,000; AC YR 3 of 5
ROADWAY RECONSTRUCTION SUBTOTAL:							\$67,753,939	\$54,203,151	\$13,550,788	
SECTION 2B / STATE PRIORITIZED MODERNIZATION PROJECTS TOTAL:							\$93,552,606	\$76,421,951	\$17,130,655	

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 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	\$3,397,449	\$2,717,959	\$679,490	Construction / PSAC score 27; HPP+Statewide CMAQ; Total Project Cost =4,037,449; (SAFETEA-LU, HPP 2850 - MA Berkshire County Bike Paths, Design & Construction - \$5,007,375 earmark Total)
2022	607398	CAPE COD	MULTIPLE	YARMOUTH- BARNSTABLE- CAPE COD RAIL TRAIL EXTENSION, INCLUDES NEW BRIDGE OVER WILLOW STREET & RAILROAD (PHASE III)	5	CMAQ	\$7,915,203	\$6,332,162	\$1,583,041	Construction; MPO score = 82; 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	\$6,496,520	\$5,197,216	\$1,299,304	Construction; MPO score = 76; 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	\$6,303,284	\$5,042,627	\$1,260,657	Construction / PSAC score 36 / Total Cost \$17,390,041 / AC YR 2 of 2
2022	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
2022	609108	MONTACHUSETT	GARDNER	GARDNER- BIKE PATH BRIDGE CONSTRUCTION, NORTH CENTRAL PATHWAY OVER ROUTE 140	3	CMAQ	\$3,000,000	\$2,400,000	\$600,000	Construction / PSAC score 24; Project number changed from 607347 to 609108 with a description change from Bike Path Construction, North Central Pathway (Phase VI) as indicated in MassDOT D3 email on 4/9/2018
2022	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	\$2,273,911	\$1,819,129	\$454,782	
BICYCLES AND PEDESTRIANS SUBTOTAL:							\$33,727,487	\$26,981,989	\$6,745,498	
SECTION 2C / STATE PRIORITIZED EXPANSION PROJECTS TOTAL:							\$33,727,487	\$26,981,989	\$6,745,498	
SECTION 3 / PLANNING / ADJUSTMENTS / PASS-THROUGHS										
Planning / Adjustments / Pass throughs										
2022	EW0	STATEWIDE	MULTIPLE	Award adjustments, change orders, etc.	Multi	CMAQ	\$1,250,000	\$1,000,000	\$250,000	
2022	MRTDM 22	STATEWIDE	MULTIPLE	MassRides: Travel Demand Management	Multi	CMAQ	\$3,125,000	\$2,500,000	\$625,000	

2022										
YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2022	EWO	STATEWIDE	MULTIPLE	Award adjustments, change orders, etc.	Multi	HSIP	\$3,333,333	\$3,000,000	\$333,333	
2022	FPIRT22	STATEWIDE	MULTIPLE	Flex to Rail & Transit for Freight Plan Implementation	Multi	NFP	\$2,807,340	\$2,021,285	\$505,321	
2022	EWO	STATEWIDE	MULTIPLE	Award adjustments, change orders, etc.	Multi	NHPP	\$28,766,670	\$23,013,336	\$5,753,334	
2022	ABPGAN	STATEWIDE	MULTIPLE	ABP GANS Repayment	Multi	NHPP	\$85,240,000	\$85,240,000	\$0	
2022	UPWP23	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	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	\$5,000,000	\$4,000,000	\$1,000,000	
2022	ABPGAN	STATEWIDE	MULTIPLE	ABP GANS Repayment	Multi	STP-BR-OFF	\$350,000	\$350,000	\$0	
2022	EWO	STATEWIDE	MULTIPLE	Award adjustments, change orders, etc.	Multi	STP-BR-OFF	\$1,875,000	\$1,500,000	\$375,000	
2022	MREDU22	STATEWIDE	MULTIPLE	MassRides: SRTS Education	Multi	TAP	\$200,000	\$160,000	\$40,000	
2022	EWO	STATEWIDE	MULTIPLE	Award adjustments, change orders, etc.	Multi	TAP	\$625,000	\$500,000	\$125,000	
PLANNING / ADJUSTMENTS / PASS-THROUGHS SUBTOTAL:							\$164,649,176	\$149,168,310	\$15,200,132	
SECTION 3 / PLANNING / ADJUSTMENTS / PASS-THROUGHS TOTAL:							\$164,649,176	\$149,168,310	\$15,200,132	
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	Total Federal Participating Cost (TFPC) = \$189,451,000; Total Construction Cost (TCC) = \$270,000,000; AC Yr 1 of 6

2022										
YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non- Federal Funds	Additional Information
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						\$854,324,321	\$691,615,449	\$162,428,140	

2023										
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										
2023	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	\$2,610,000	\$2,088,000	\$522,000	a) Construction; b) Total Cost = \$5,220,000 - CMAQ (2,610,000\$) / TAP (\$2,610,000); d) EC Score 35 of 87; h) Project Proponent - Wareham; i) Status Pre 25%; Anticipating CMAQ Eligibility
2023	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	TAP	\$2,610,000	\$2,088,000	\$522,000	a) Construction; b) Total Cost = \$5,220,000 - CMAQ (2,610,000\$) / TAP (\$2,610,000); d) EC Score 35 of 87; h) Project Proponent - Wareham; i) Status Pre 25%; Anticipating CMAQ Eligibility
BICYCLES AND PEDESTRIANS SUBTOTAL:							\$5,220,000	\$4,176,000	\$1,044,000	
Intersection Improvements										
2023	608443	BOSTON	MULTIPLE	LITTLETON- AYER - INTERSECTION IMPROVEMENTS ON ROUTE 2A AT WILLOW ROAD AND BRUCE STREET	3	HSIP	\$1,000,000	\$900,000	\$100,000	Construction; HSIP+STP Total Cost = \$2,784,000; MPO Evaluation Score = 36
2023	608443	BOSTON	MULTIPLE	LITTLETON- AYER - INTERSECTION IMPROVEMENTS ON ROUTE 2A AT WILLOW ROAD AND BRUCE STREET	3	STP	\$1,784,000	\$1,427,200	\$356,800	Construction; HSIP+STP Total Cost = \$2,784,000; MPO Evaluation Score = 36
2023	607305	BOSTON	READING	READING - INTERSECTION SIGNALIZATION @ ROUTE 28 & HOPKINS STREET	4	HSIP	\$468,283	\$421,455	\$46,828	Construction; HSIP+STP Total Cost = \$1,468,283; MPO Evaluation Score = 38
2023	607305	BOSTON	READING	READING - INTERSECTION SIGNALIZATION @ ROUTE 28 & HOPKINS STREET	4	STP	\$1,000,000	\$800,000	\$200,000	Construction; HSIP+STP Total Cost = \$1,468,283; MPO Evaluation Score = 38
2023	603739	BOSTON	WRENTHAM	WRENTHAM - CONSTRUCTION OF A SLIP RAMP FROM ROUTE 1A NB TO I-495 SB AND ASSOCIATED INTERSECTION IMPROVEMENTS ALONG ROUTE 1A	5	HSIP	\$2,500,000	\$2,250,000	\$250,000	Construction; HSIP+STP+TAP Total Cost = \$11,600,000; MPO Evaluation Score = 55
2023	603739	BOSTON	WRENTHAM	WRENTHAM - CONSTRUCTION OF A SLIP RAMP FROM ROUTE 1A NB TO I-495 SB AND ASSOCIATED INTERSECTION IMPROVEMENTS ALONG ROUTE 1A	5	STP	\$8,600,000	\$6,880,000	\$1,720,000	Construction; HSIP+STP+TAP Total Cost = \$11,600,000; MPO Evaluation Score = 55
2023	603739	BOSTON	WRENTHAM	WRENTHAM - CONSTRUCTION OF A SLIP RAMP FROM ROUTE 1A NB TO I-495 SB AND ASSOCIATED INTERSECTION IMPROVEMENTS ALONG ROUTE 1A	5	TAP	\$500,000	\$400,000	\$100,000	Construction; HSIP+STP+TAP Total Cost = \$11,600,000; MPO Evaluation Score = 55; TAP Proponent = MassDOT
2023	608778	CENTRAL MASSACHUSETTS	SOUTHBRIDGE	SOUTHBRIDGE - INTERSECTION IMPROVEMENTS AT CENTRAL STREET, FOSTER STREET, HOOK STREET AND HAMILTON STREET	3	CMAQ	\$2,000,000	\$1,600,000	\$400,000	Construction / CMAQ + HSIP + STP Total Project Cost = \$5,220,000 / PM Score = 16 / Design Status = Pre 25%

2023											
YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information	
2023	608778	CENTRAL MASSACHUSETTS	SOUTHBRIDGE	SOUTHBRIDGE - INTERSECTION IMPROVEMENTS AT CENTRAL STREET, FOSTER STREET, HOOK STREET AND HAMILTON STREET	3	HSIP	\$1,000,000	\$900,000	\$100,000	Construction / CMAQ + HSIP + STP Total Project Cost = \$5,220,000 / PM Score = 16 / Design Status = Pre 25%	
2023	608778	CENTRAL MASSACHUSETTS	SOUTHBRIDGE	SOUTHBRIDGE - INTERSECTION IMPROVEMENTS AT CENTRAL STREET, FOSTER STREET, HOOK STREET AND HAMILTON STREET	3	STP	\$2,220,000	\$1,776,000	\$444,000	Construction / CMAQ + HSIP + STP Total Project Cost = \$5,220,000 / PM Score = 16 / Design Status = Pre 25%	
2023	607401	NORTHERN MIDDLESEX	CHELMSFORD	CHELMSFORD-TRAFFIC SIGNAL INSTALLATION AT ROUTE 110 & ROUTE 495 (2 LOCATIONS)	4	HSIP	\$1,371,659	\$1,234,493	\$137,166	Construction; Total Project Cost at 2023 YOE: \$1,371,659 (\$1,172,500); HSIP; NMMPO TEC Score: 5.48 out of 18.	
2023	609052	OLD COLONY	BROCKTON	BROCKTON - ROUTE 123 (CENTRE STREET) AT PLYMOUTH STREET SIGNALIZATION AND GEOMETRIC IMPROVEMENTS	5	CMAQ	\$1,740,000	\$1,392,000	\$348,000	a) Construction; b) Total Project Cost = \$1,740,000 w/ \$1,740,000 of CMAQ funding; d) MPO score 44.06	
INTERSECTION IMPROVEMENTS SUBTOTAL:							\$24,183,942	\$19,981,148	\$4,202,794		
Planning / Adjustments / Pass-throughs											
2023	BN0009	BOSTON	MULTIPLE	COMMUNITY TRANSPORTATION PROGRAM	NA	CMAQ	\$2,000,000	\$1,600,000	\$400,000	Planning, Design, or Construction; Set Aside for LRTP Clean Air and Mobility Program	
PLANNING / ADJUSTMENTS / PASS-THROUGHS SUBTOTAL:							\$2,000,000	\$1,600,000	\$400,000		
Roadway Improvements											
2023	604003	BERKSHIRE	PITTSFIELD	PITTSFIELD- RECONSTRUCTION OF EAST STREET (ROUTE 9)	1	CMAQ	\$500,000	\$400,000	\$100,000	STP + CMAQ; Total Cost = 6,891,847; MPO evaluation score 6 of 8; Design Status: <25%; YOE = 16%	
2023	604003	BERKSHIRE	PITTSFIELD	PITTSFIELD- RECONSTRUCTION OF EAST STREET (ROUTE 9)	1	STP	\$6,391,847	\$5,113,478	\$1,278,369	STP + CMAQ; Total Cost = 6,891,847; MPO evaluation score 6 of 8; Design Status: <25%; YOE = 16%	
2023	607586	MARTHA'S VINEYARD	MULTIPLE	EDGARTOWN / OAK BLUFFS - DRAINAGE IMPROVEMENTS & RELATED WORK ON EDGARTOWN-VINEYARD HAVEN ROAD.	5	STP	\$786,501	\$629,201	\$157,300	75% DESIGN	
ROADWAY IMPROVEMENTS SUBTOTAL:							\$7,678,348	\$6,142,679	\$1,535,669		
Roadway Reconstruction											
2023	608887	BOSTON	BELLINGHAM	BELLINGHAM - REHABILITATION AND RELATED WORK ON ROUTE 126, FROM DOUGLAS DRIVE TO ROUTE 140	3	CMAQ	\$2,000,000	\$1,600,000	\$400,000	Construction; CMAQ+STP+TAP Total Cost = \$6,960,000; MPO Evaluation Score = 45	
2023	608887	BOSTON	BELLINGHAM	BELLINGHAM - REHABILITATION AND RELATED WORK ON ROUTE 126, FROM DOUGLAS DRIVE TO ROUTE 140	3	STP	\$4,000,000	\$3,200,000	\$800,000	Construction; CMAQ+STP+TAP Total Cost = \$6,960,000; MPO Evaluation Score = 45	
2023	608887	BOSTON	BELLINGHAM	BELLINGHAM - REHABILITATION AND RELATED WORK ON ROUTE 126, FROM DOUGLAS DRIVE TO ROUTE 140	3	TAP	\$960,000	\$768,000	\$192,000	Construction; CMAQ+STP+TAP Total Cost = \$6,960,000; MPO Evaluation Score = 45; TAP Proponent = Bellingham	

2023										
YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2023	608348	BOSTON	BEVERLY	BEVERLY - RECONSTRUCTION OF BRIDGE STREET	4	CMAQ	\$3,000,000	\$2,400,000	\$600,000	Construction; CMAQ+STP Total Cost = \$6,124,800; MPO Evaluation Score = 66
2023	608348	BOSTON	BEVERLY	BEVERLY - RECONSTRUCTION OF BRIDGE STREET	4	STP	\$3,124,800	\$2,499,840	\$624,960	Construction; CMAQ+STP Total Cost = \$6,124,800; MPO Evaluation Score = 66
2023	605743	BOSTON	IPSWICH	IPSWICH - RESURFACING &RELATED WORK ON CENTRAL & SOUTH MAIN STREETS	4	STP	\$2,500,000	\$2,000,000	\$500,000	Construction; STP+TAP Total Cost = \$3,019,550; MPO Evaluation Score = 47
2023	605743	BOSTON	IPSWICH	IPSWICH - RESURFACING &RELATED WORK ON CENTRAL & SOUTH MAIN STREETS	4	TAP	\$519,550	\$415,640	\$103,910	Construction; STP+TAP Total Cost = \$3,019,550; MPO Evaluation Score = 47; TAP Proponent = Ipswich
2023	608933	BOSTON	PEABODY	PEABODY - REHABILITATION OF CENTRAL STREET	4	CMAQ	\$3,000,000	\$2,400,000	\$600,000	Construction; CMAQ+HSIP+STP Total Cost = \$11,205,600; MPO Evaluation Score = 61
2023	608933	BOSTON	PEABODY	PEABODY - REHABILITATION OF CENTRAL STREET	4	HSIP	\$1,500,000	\$1,350,000	\$150,000	Construction; CMAQ+HSIP+STP Total Cost = \$11,205,600; MPO Evaluation Score = 61
2023	608933	BOSTON	PEABODY	PEABODY - REHABILITATION OF CENTRAL STREET	4	STP	\$6,705,600	\$5,364,480	\$1,341,120	Construction; CMAQ+HSIP+STP Total Cost = \$11,205,600; MPO Evaluation Score = 61
2023	608007	BOSTON	MULTIPLE	COHASSET/SCITUATE - CORRIDOR IMPROVMENTS AND RELATED WORK ON JUSTICE CUSHING HIGHWAY (ROUTE 3A), FROM BEECHWOOD STREET TO HENRY TURNER BAILEY ROAD	5	HSIP	\$1,500,000	\$1,350,000	\$150,000	Construction; HSIP+STP+TAP Total Cost = \$4,640,232; MPO Evaluation Score = 37
2023	608007	BOSTON	MULTIPLE	COHASSET/SCITUATE - CORRIDOR IMPROVMENTS AND RELATED WORK ON JUSTICE CUSHING HIGHWAY (ROUTE 3A), FROM BEECHWOOD STREET TO HENRY TURNER BAILEY ROAD	5	STP	\$3,000,000	\$2,400,000	\$600,000	Construction; HSIP+STP+TAP Total Cost = \$4,640,232; MPO Evaluation Score = 37
2023	608007	BOSTON	MULTIPLE	COHASSET/SCITUATE - CORRIDOR IMPROVMENTS AND RELATED WORK ON JUSTICE CUSHING HIGHWAY (ROUTE 3A), FROM BEECHWOOD STREET TO HENRY TURNER BAILEY ROAD	5	TAP	\$140,232	\$112,186	\$28,046	Construction; HSIP+STP+TAP Total Cost = \$4,640,232; MPO Evaluation Score = 37; TAP Proponent = MassDOT
2023	606226	BOSTON	BOSTON	BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE	6	NHPP	\$13,000,000	\$10,400,000	\$2,600,000	Construction; NHPP+STP+TAP Total Cost = \$152,000,000; AC Yr 4 of 5; Total funding in this TIP = \$116,626,515; MPO Evaluation Score = 59
2023	606226	BOSTON	BOSTON	BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE	6	STP	\$26,000,000	\$20,800,000	\$5,200,000	Construction; NHPP+STP+TAP Total Cost = \$152,000,000; AC Yr 4 of 5; Total funding in this TIP = \$116,626,515; MPO Evaluation Score = 59
2023	606226	BOSTON	BOSTON	BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE	6	TAP	\$1,000,000	\$800,000	\$200,000	Construction; NHPP+STP+TAP Total Cost = \$152,000,000; AC Yr 4 of 5; Total funding in this TIP = \$116,626,515; MPO Evaluation Score = 59; TAP Proponent = Boston

2023										
YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2023	607899	BOSTON	DEDHAM	DEDHAM - PEDESTRIAN IMPROVEMENTS ALONG BUSSEY STREET, INCLUDING SUPERSTRUCTURE REPLACEMENT, D-05-010, BUSSEY STREET OVER MOTHER BROOK	6	STP	\$4,000,000	\$3,200,000	\$800,000	Construction; STP+TAP Total Cost = \$4,527,196; MPO Evaluation Score = 35
2023	607899	BOSTON	DEDHAM	DEDHAM - PEDESTRIAN IMPROVEMENTS ALONG BUSSEY STREET, INCLUDING SUPERSTRUCTURE REPLACEMENT, D-05-010, BUSSEY STREET OVER MOTHER BROOK	6	TAP	\$527,196	\$421,757	\$105,439	Construction; STP+TAP Total Cost = \$4,527,196; MPO Evaluation Score = 35; TAP Proponent = Dedham
2023	608707	BOSTON	QUINCY	QUINCY - RECONSTRUCTION OF SEA STREET	6	STP	\$6,300,000	\$5,040,000	\$1,260,000	Construction; STP+TAP Total Cost = \$6,526,254; MPO Evaluation Score = 40
2023	608707	BOSTON	QUINCY	QUINCY - RECONSTRUCTION OF SEA STREET	6	TAP	\$226,254	\$181,003	\$45,251	Construction; STP+TAP Total Cost = \$6,526,254; MPO Evaluation Score = 40; TAP Project Proponent = Quincy
2023	607244	BOSTON	WINTHROP	WINTHROP - RECONSTRUCTION & RELATED WORK ALONG WINTHROP STREET & REVERE STREET CORRIDOR	6	CMAQ	\$2,000,000	\$1,600,000	\$400,000	Construction; CMAQ+STP+TAP Total Cost = \$4,060,000; MPO Evaluation Score = 47
2023	607244	BOSTON	WINTHROP	WINTHROP - RECONSTRUCTION & RELATED WORK ALONG WINTHROP STREET & REVERE STREET CORRIDOR	6	STP	\$1,500,000	\$1,200,000	\$300,000	Construction; CMAQ+STP+TAP Total Cost = \$4,060,000; MPO Evaluation Score = 47
2023	607244	BOSTON	WINTHROP	WINTHROP - RECONSTRUCTION & RELATED WORK ALONG WINTHROP STREET & REVERE STREET CORRIDOR	6	TAP	\$560,000	\$448,000	\$112,000	Construction; CMAQ+STP+TAP Total Cost = \$4,060,000; MPO Evaluation Score = 54; TAP Proponent = Winthrop
2023	608742	CAPE COD	MULTIPLE	DENNIS- HARWICH- RECONSTRUCTION & RELATED WORK ON MAIN STREET (ROUTE 28), FROM UPPER COUNTY ROAD TO THE HERRING RIVER BRIDGE	5	HSIP	\$458,514	\$412,663	\$45,851	Construction; Total project cost = \$6,790,350 with 16% inflation applied (STP + HSIP + TAP); MPO score = 79; RSA completed
2023	608742	CAPE COD	MULTIPLE	DENNIS- HARWICH- RECONSTRUCTION & RELATED WORK ON MAIN STREET (ROUTE 28), FROM UPPER COUNTY ROAD TO THE HERRING RIVER BRIDGE	5	STP	\$6,126,027	\$4,900,822	\$1,225,205	Construction; Total project cost = \$6,790,350 with 16% inflation applied (STP + HSIP + TAP); MPO score = 79; RSA completed
2023	608742	CAPE COD	MULTIPLE	DENNIS- HARWICH- RECONSTRUCTION & RELATED WORK ON MAIN STREET (ROUTE 28), FROM UPPER COUNTY ROAD TO THE HERRING RIVER BRIDGE	5	TAP	\$205,809	\$164,647	\$41,162	Construction; Total project cost = \$6,790,350 with 16% inflation applied (STP + HSIP + TAP); MPO score = 79; RSA completed
2023	608744	CAPE COD	PROVINCETOWN	PROVINCETOWN- CORRIDOR IMPROVEMENTS AND RELATED WORK ON SHANK PAINTER ROAD, FROM ROUTE 6 TO BRADFORD STREET	5	CMAQ	\$1,146,285	\$917,028	\$229,257	Construction; Total project cost = \$4,842,509 programmed with 16% inflation applied (STP + CMAQ); MPO score = 78; CMAQ analysis to be completed; scope of project to be amended
2023	608744	CAPE COD	PROVINCETOWN	PROVINCETOWN- CORRIDOR IMPROVEMENTS AND RELATED WORK ON SHANK PAINTER ROAD, FROM ROUTE 6 TO BRADFORD STREET	5	STP	\$3,696,224	\$2,956,979	\$739,245	Construction; Total project cost = \$4,842,509 programmed with 16% inflation applied (STP + CMAQ); MPO score = 78; CMAQ analysis to be completed; scope of project to be amended

2023

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2023	606220	CENTRAL MASSACHUSETTS	HARDWICK	HARDWICK - ROUTE 32 AT ROUTE 32A GILBERTVILLE ROADWAY IMPROVEMENTS	2	STP	\$4,527,858	\$3,622,286	\$905,572	Construction / STP Total Project Cost = \$4,527,858 / PM Score = 15 / Design Status = Pre-25%
2023	606517	CENTRAL MASSACHUSETTS	WEST BROOKFIELD	WEST BROOKFIELD - RESURFACING & RELATED WORK ON ROUTE 9, FROM WARE T.L. TO 850' WEST OF WELCOME ROAD (1.1 MILES - PHASE I)	2	STP	\$6,842,892	\$5,474,314	\$1,368,578	Construction / STP Total Project Cost = \$6,842,892 / PM Score = 12 / Design Status = Pre-25%
2023	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	\$5,735,214	\$4,588,171	\$1,147,043	Construction; total project cost of \$4,944,150 inflated 4% per year to \$5,735,214; TEC score 10.3
2023	608788	MERRIMACK VALLEY	HAVERHILL	HAVERHILL - ROADWAY RECONSTRUCTION ON NORTH AVENUE, FROM MAIN STREET (ROUTE 125) TO PLAISTOW NH	4	STP	\$3,894,590	\$3,115,672	\$778,918	a) Construction; b) \$14,167,080 (inflated 16% from 2019 cost) = \$3,894,590 STP 2023 + \$10,272,490 STP 2024; c) AC Year 1 of 2 = \$3,894,590; d) TEC = 8.00 out of 18;
2023	602202	MERRIMACK VALLEY	SALISBURY	SALISBURY - RECONSTRUCTION OF ROUTE 1 (LAFAYETTE ROAD)	4	STP	\$7,343,750	\$5,875,000	\$1,468,750	a) Construction; b) \$7,343,750 (inflated 16% from 2019 cost); d) TEC = 8.1 out of 18;
2023	601957	MONTACHUSETT	ASHBURNHAM	ASHBURNHAM- RESURFACING & RELATED WORK ON ROUTE 101	3	STP	\$5,220,000	\$4,176,000	\$1,044,000	Construction; Total \$4,500,000; YOE Total \$5,220,000; TEC = 44; Town Est. at 25% Design; Seeking Funding to Complete Design;
2023	608832	MONTACHUSETT	LANCASTER	LANCASTER- INTERCHANGE IMPROVEMENTS AT ROUTE 2 EXIT 34 (OLD UNION TURNPIKE)	3	STP	\$5,568,000	\$4,454,400	\$1,113,600	Construction; Total \$4,800,000; YOE Cost \$5,568,000; TEC = 41; Prelim Design;
2023	605966	NORTHERN MIDDLESEX	LOWELL	LOWELL-RECONSTRUCTION AND RELATED WORK ON VFW HIGHWAY	4	STP	\$6,989,774	\$5,591,819	\$1,397,955	Construction; Total Project Cost at 2023 YOE: \$7,271,683 (\$6,215,865); STP, TAP; NMMPO TEC Score: 5.50 out of 18; TAP Proponent: City of Lowell.
2023	605966	NORTHERN MIDDLESEX	LOWELL	LOWELL-RECONSTRUCTION AND RELATED WORK ON VFW HIGHWAY	4	TAP	\$281,909	\$225,527	\$56,382	Construction; Total Project Cost at 2023 YOE: \$7,271,683 (\$6,215,865); STP, TAP; NMMPO TEC Score: 5.50 out of 18; TAP Proponent: City of Lowell.
2023	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/ \$6,554,751 of STP funding, \$1,139,886 of CMAQ funding, \$344,808 of TAP funding; d) MPO score 34.11
2023	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/ \$6,554,751 of STP funding, \$1,139,886 of CMAQ funding, \$344,808 of TAP funding; d) MPO score 34.11

2023										
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2023	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/ \$6,554,751 of STP funding, \$1,139,886 of CMAQ funding, \$344,808 of TAP funding; d) MPO score 34.11
2023	PV0002	PIONEER VALLEY	WORTHINGTON	WORTHINGTON- RECONSTRUCTION & RELATED WORK ON ROUTE 143 (PHASE II)	1	STP	\$8,584,000	\$6,867,200	\$1,716,800	Construction / (YOE \$8,584,000) STP / 41.5 TEC / 75% Project Phase I funded in FFY 2019 Total project cost was \$16,300,000
2023	608881	PIONEER VALLEY	LONGMEADOW	LONGMEADOW- SPRINGFIELD- RESURFACING AND INTERSECTION IMPROVEMENTS ON LONGMEADOW STREET (ROUTE 5) AND CONVERSE STREET (0.84 MILES)	2	STP	\$6,064,675	\$4,851,740	\$1,212,935	Construction (YOE \$6,064,675 / 54.5 TEC / Pre 25%
2023	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	\$2,000,000	\$1,600,000	\$400,000	Construction / (YOE \$19,797,253) AC Year 2 of 2 FFY 2022 \$7,390,199 FFY2023 \$12,407,054 / 66.5 TEC / 25% / STP
2023	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	\$1,000,000	\$900,000	\$100,000	Construction / (YOE \$19,797,253) AC Year 2 of 2 FFY 2022 \$7,390,199 FFY2023 \$12,407,054 / 66.5 TEC / 25% / STP
2023	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	\$8,907,054	\$7,125,643	\$1,781,411	Construction / (YOE \$19,797,253) AC Year 2 of 2 FFY 2022 \$7,390,199 FFY2023 \$12,407,054 / 66.5 TEC / 25% / STP
2023	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	\$500,000	\$400,000	\$100,000	Construction / (YOE \$19,797,253) AC Year 2 of 2 FFY 2022 \$7,390,199 FFY2023 \$12,407,054 / 66.5 TEC / 25% / STP
2023	608944	SOUTHEASTERN MASSACHUSETTS	MANSFIELD	MANSFIELD- RECONSTRUCTION ON CHAUNCY STREET (ROUTE 106)	5	CMAQ	\$3,000,000	\$2,400,000	\$600,000	a) Construction; b) Total Cost = \$7,775,000 - CMAQ (\$300,000,0) / STP (\$4,775,000) ; d) EC Score 31 of 87; i) Status Pre 25%; Anticipating CMAQ Eligibility
2023	608944	SOUTHEASTERN MASSACHUSETTS	MANSFIELD	MANSFIELD- RECONSTRUCTION ON CHAUNCY STREET (ROUTE 106)	5	STP	\$4,775,000	\$3,820,000	\$955,000	a) Construction; b) Total Cost = \$7,775,000 - CMAQ (\$300,000,0) / STP (\$4,775,000) ; d) EC Score 31 of 87; i) Status Pre 25%; Anticipating CMAQ Eligibility
2023	608753	SOUTHEASTERN MASSACHUSETTS	TAUNTON	TAUNTON- CORRIDOR IMPROVEMENTS AND RELATED WORK ON BROADWAY (ROUTE 138), FROM PURCHASE STREET TO JACKSON STREET (PHASE 2)	5	STP	\$5,289,600	\$4,231,680	\$1,057,920	a) Construction; b) Total Cost = \$5,289,600 STP (\$0) ; d) EC Score 32 of 87; i) Status Pre 25%; Anticipating CMAQ Eligibility
ROADWAY RECONSTRUCTION SUBTOTAL:							\$193,260,252	\$155,054,053	\$38,206,199	

2023											
YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information	
Safety Improvements											
2023	608934	SOUTHEASTERN MASSACHUSETTS	PLAINVILLE	PLAINVILLE- INTERSECTION IMPROVEMENTS AT WASHINGTON STREET (ROUTE 1) AND GEORGE STREET	5	HSIP	\$3,480,000	\$3,132,000	\$348,000	a) Construction; b) Total Cost = \$3,480,000 HSIP; d) EC Score 13 of 87; h); i) Status Pre 25%	
SAFETY IMPROVEMENTS SUBTOTAL:							\$3,480,000	\$3,132,000	\$348,000		
REGIONALLY PRIORITIZED PROJECTS SUBTOTAL:							\$235,822,542	\$190,085,880	\$45,736,662		
SECTION 1A / REGIONALLY PRIORITIZED PROJECTS TOTAL:							\$235,822,542	\$190,085,880	\$45,736,662		
SECTION 2A / STATE PRIORITIZED RELIABILITY PROJECTS											
Bridge Program / Off System											
2023	609070	BERKSHIRE	ALFORD	ALFORD- BRIDGE REPLACEMENT, A-06-004, WEST ROAD OVER SCRIBNER BROOK	1	STP-BR-OFF	\$1,873,632	\$1,498,906	\$374,726		
2023	609069	BERKSHIRE	BECKET	BECKET- BRIDGE REPLACEMENT, B-03-045, QUARRY ROAD OVER CUSHMAN BROOK	1	STP-BR-OFF	\$2,040,672	\$1,632,538	\$408,134		
2023	609076	BERKSHIRE	GREAT BARRINGTON	GREAT BARRINGTON- BRIDGE REPLACEMENT, G-11-006, COTTAGE STREET OVER HOUSATONIC RIVER	1	STP-BR-OFF	\$5,143,440	\$4,114,752	\$1,028,688		
2023	609074	BERKSHIRE	MONTEREY	MONTEREY- BRIDGE REPLACEMENT, M-29-001, CURTIS ROAD OVER KONKAPOT RIVER	1	STP-BR-OFF	\$1,255,584	\$1,004,467	\$251,117		
2023	609078	BERKSHIRE	NEW MARLBOROUGH	NEW MARLBOROUGH- BRIDGE REPLACEMENT, N-08-020, KEYES HILL ROAD OVER UMPACHENE RIVER	1	STP-BR-OFF	\$2,902,900	\$2,322,320	\$580,580		
2023	609068	BERKSHIRE	SHEFFIELD	SHEFFIELD- BRIDGE REPLACEMENT, S-10-015, KELSEY ROAD OVER SCHENOB BROOK	1	STP-BR-OFF	\$1,805,424	\$1,444,339	\$361,085		
2023	609072	BERKSHIRE	WILLIAMSTOWN	WILLIAMSTOWN- BRIDGE REPLACEMENT, W-37-010, WEST MAIN STREET OVER HEMLOCK BROOK	1	STP-BR-OFF	\$2,612,784	\$2,090,227	\$522,557		
2023	TBA	CENTRAL MASSACHUSETTS	WORCESTER	WORCESTER - SUPERSTRUCTURE REPLACEMENT, W-44-093, LAUREL STREET OVER I-290	3	STP-BR-OFF	\$5,467,811	\$4,374,249	\$1,093,562	Construction	
2023	TBA	CENTRAL MASSACHUSETTS	WORCESTER	WORCESTER - SUPERSTRUCTURE REPLACEMENT, W-44-083, HARRISON STREET OVER I-290	3	STP-BR-OFF	\$10,568,180	\$8,454,544	\$2,113,636	Construction	
2023	TBA	MONTACHUSETT	HUBBARDSTON	HUBBARDSTON-BRIDGE REPLACEMENT, H-24-003, WILLIAMSVILE ROAD OVER BURNCHIRT RIVER	3	STP-BR-OFF	\$1,684,320	\$1,347,456	\$336,864		
2023	609120	PIONEER VALLEY	LUDLOW	LUDLOW- BRIDGE REPLACEMENT, L-16-026, PINEY LANE OVER BROAD BROOK	2	STP-BR-OFF	\$598,560	\$478,848	\$119,712		
BRIDGE PROGRAM / OFF-SYSTEM SUBTOTAL:							\$35,953,307	\$28,762,646	\$7,190,661		
Bridge Program / On System (NHS)											
2023	605843	BERKSHIRE	NORTH ADAMS	NORTH ADAMS- BRIDGE REPLACEMENT, N-14-016, ROUTE 2 OVER HOOSIC RIVER	1	NHPP-ON	\$18,315,704	\$14,652,563	\$3,663,141		

2023										
YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2023	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	\$5,907,595	\$4,726,076	\$1,181,519	AC Year 5 of 5, Total Cost \$74,471,140
2023	606902	BOSTON	BOSTON	BOSTON- BRIDGE RECONSTRUCTION/REHAB, B-16-181, WEST ROXBURY PARKWAY OVER MBTA	6	NHPP-ON	\$6,900,000	\$5,520,000	\$1,380,000	
2023	606728	BOSTON	BOSTON	BOSTON- BRIDGE REPLACEMENT B-16-365, BOWKER OVERPASS OVER STORROW DRIVE (EB)	6	NHPP-ON	\$24,009,700	\$19,207,760	\$4,801,940	
2023	TBA	CENTRAL MASSACHUSETTS	DUDLEY	DUDLEY - SUPERSTRUCTURE REPLACEMENT, D-12-026, ROUTE 131 OVER QUINEBAUG RIVER	3	NHPP-ON	\$9,744,696	\$7,795,757	\$1,948,939	Construction
2023	605306	MERRIMACK VALLEY	HAVERHILL	HAVERHILL - BRIDGE REPLACEMENT, H-12-039, I-495 (NB & SB) OVER MERRIMACK RIVER	4	NHPP-ON	\$15,892,036	\$12,713,629	\$3,178,407	AC Year 6 of 6, Total Cost \$118,786,388
2023	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	\$11,378,353	\$9,102,682	\$2,275,671	AC Year 4 of 5, Total Cost \$56,891,767
2023	608853	PIONEER VALLEY	SPRINGFIELD	SPRINGFIELD- BRIDGE REPLACEMENT, S-24-026, ARMORY STREET OVER CSX	2	NHPP-ON	\$3,948,640	\$3,158,912	\$789,728	
2023	608848	PIONEER VALLEY	SPRINGFIELD	SPRINGFIELD- BRIDGE REPLACEMENT, S-24-016, ARMORY STREET OVER CSX MAINLINE	2	NHPP-ON	\$5,723,440	\$4,578,752	\$1,144,688	
2023	609165	SOUTHEASTERN MASSACHUSETTS	ATTLEBORO	ATTLEBORO- SUPERSTRUCTURE REPLACEMENT, A-16-062, I 295 RAMP OVER TEN MILE RIVER	5	NHPP-ON	\$3,450,768	\$2,760,614	\$690,154	
2023	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	\$16,733,314	\$13,386,651	\$3,346,663	AC Year 1 of 5, Total Cost \$117,077,491
BRIDGE PROGRAM / ON-SYSTEM (NHS) SUBTOTAL:							\$122,004,246	\$97,603,396	\$24,400,850	
Bridge Program / On System (Non NHS)										
2023	608197	BOSTON	BOSTON	BOSTON- SUPERSTRUCTURE REPLACEMENT, B-16-107, CANTERBURY STREET OVER AMTRAK/MBTA	6	NHPP-OFF	\$4,678,280	\$3,742,624	\$935,656	
2023	609082	FRANKLIN	CONWAY	CONWAY- BRIDGE REPLACEMENT, C-20-004, NORTH POLAND ROAD OVER POLAND BROOK	1	NHPP-OFF	\$4,139,808	\$3,311,846	\$827,962	Construction, total project cost \$4,139,808
BRIDGE PROGRAM / ON-SYSTEM (NON-NHS) SUBTOTAL:							\$8,818,088	\$7,054,470	\$1,763,618	
Bridge Program / Systematic Maintenance										
2023	608609	BOSTON	MULTIPLE	NEWTON- WESTWOOD- STEEL SUPERSTRUCTURE CLEANING (FULL REMOVAL) AND PAINTING OF 2 BRIDGES: N-12-056 & W-31-006	6	NHPP-OFF	\$2,142,857	\$1,714,285	\$428,571	
2023	TBA	STATEWIDE	MULTIPLE	DISTRICT 1- SYSTEMATIC BRIDGE MAINTENANCE AT VARIOUS LOCATIONS (2023)	1	NHPP-OFF	\$522,200	\$417,760	\$104,440	
2023	609023	STATEWIDE	MULTIPLE	DISTRICT 2- SYSTEMATIC BRIDGE MAINTENANCE AT VARIOUS LOCATIONS (2023)	2	NHPP-OFF	\$1,540,200	\$1,232,160	\$308,040	

2023										
YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2023	609040	STATEWIDE	MULTIPLE	DISTRICT 3- SYSTEMATIC BRIDGE MAINTENANCE AT VARIOUS LOCATIONS	3	NHPP-OFF	\$1,285,080	\$1,028,064	\$257,016	
2023	TBA	STATEWIDE	MULTIPLE	DISTRICT 4- SYSTEMATIC BRIDGE PRESERVATION	4	NHPP-OFF	\$1,983,700	\$1,586,960	\$396,740	
2023	609037	STATEWIDE	MULTIPLE	DISTRICT 5- SYSTEMATIC BRIDGE PRESERVATION ALONG THE I-195 CORRIDOR	5	NHPP-ON	\$1,413,595	\$1,130,876	\$282,719	
BRIDGE PROGRAM / SYSTEMATIC MAINTENANCE SUBTOTAL:							\$8,887,632	\$7,110,105	\$1,777,526	
Interstate Pavement										
2023	609099	STATEWIDE	MULTIPLE	MILFORD- HOPKINTON- WESTBOROUGH- SOUTHBOROUGH - PAVEMENT PRESERVATION AND RELATED WORK ON I-495	3	NHPP	\$27,410,220	\$24,669,198	\$2,741,022	
INTERSTATE PAVEMENT SUBTOTAL:							\$27,410,220	\$24,669,198	\$2,741,022	
Non Interstate Pavement										
2023	609105	BERKSHIRE	WINDSOR	WINDSOR- PAVEMENT PRESERVATION AND RELATED WORK ON ROUTE 9	1	NHPP	\$9,756,806	\$7,805,445	\$1,951,361	
2023	608495	BOSTON	MULTIPLE	CONCORD- LINCOLN- LEXINGTON RESURFACING AND RELATED WORK ON ROUTE 2A	4	NHPP	\$3,480,000	\$2,784,000	\$696,000	
2023	609102	BOSTON	MULTIPLE	WENHAM- MANCHESTER- ESSEX- GLOUCESTER- PAVEMENT PRESERVATION AND RELATED WORK ON ROUTE 128	4	NHPP	\$13,731,802	\$10,985,442	\$2,746,360	
2023	609098	CAPE COD	MULTIPLE	EASTHAM- WELLFLEET- TRURO- PAVEMENT PRESERVATION AND RELATED WORK ON ROUTE 6	5	NHPP	\$13,961,760	\$11,169,408	\$2,792,352	Construction; MPO score = 66
2023	608264	CAPE COD	YARMOUTH	YARMOUTH- RESURFACING AND RELATED WORK ON ROUTE 28	5	NHPP	\$6,220,500	\$4,976,400	\$1,244,100	Construction; MPO score = 61
2023	609106	CENTRAL MASSACHUSETTS	MULTIPLE	DOUGLAS - NORTHBRIDGE - SUTTON - UXBRIDGE - PAVEMENT PRESERVATION ON ROUTE 146	3	NHPP	\$11,020,000	\$8,816,000	\$2,204,000	
2023	609107	MONTACHUSETT	MULTIPLE	PHILLIPSTON- TEMPLETON- PAVEMENT PRESERVATION AND RELATED WORK ON ROUTE 2	2	NHPP	\$5,260,298	\$4,208,238	\$1,052,060	
2023	608496	OLD COLONY	MULTIPLE	AVON- STOUGHTON- PAVEMENT PRESERVATION AND RELATED WORK ON ROUTE 24	5	NHPP	\$7,227,264	\$5,781,811	\$1,445,453	
NON-INTERSTATE PAVEMENT SUBTOTAL:							\$70,658,430	\$56,526,744	\$14,131,686	
Roadway Improvements										
2023	TBA	SE MASS	MULTIPLE	FALL RIVER- SOMERSET- STORMWATER IMPROVEMENTS ALONG I-195 AND ROUTE 79	5	STP	\$4,950,000	\$3,960,000	\$990,000	
ROADWAY IMPROVEMENTS SUBTOTAL:							\$4,950,000	\$3,960,000	\$990,000	

2023										
YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
Safety Improvements										
2023	609060	BOSTON	MULTIPLE	LYNNFIELD- PEABODY- DANVERS- GUIDE AND TRAFFIC SIGN REPLACEMENT ON I-95/128 (TASK 'A' INTERCHANGE)	4	HSIP	\$492,862	\$443,576	\$49,286	
2023	609058	BOSTON	MULTIPLE	PEABODY TO GLOUCESTER- GUIDE AND TRAFFIC SIGN REPLACEMENT ON ROUTE 128	4	HSIP	\$1,960,848	\$1,764,764	\$196,085	
2023	609053	BOSTON	MULTIPLE	CANTON-DEDHAM-NORWOOD- HIGHWAY LIGHTING IMPROVEMENTS AT I93 & I95/128	6	NHPP	\$4,000,000	\$3,200,000	\$800,000	
2023	609056	STATEWIDE	MULTIPLE	HOLLAND TO STURBRIDGE- GUIDE AND TRAFFIC SIGN REPLACEMENT ON INTERSTATE 84	3	HSIP	\$517,904	\$466,114	\$51,790	
2023	609062	STATEWIDE	MULTIPLE	WORCESTER- LEOMINSTER- GUIDE AND TRAFFIC SIGN REPLACEMENT ON INTERSTATE 190	3	HSIP	\$3,574,130	\$3,216,717	\$357,413	
2023	609097	STATEWIDE	MULTIPLE	STATEWIDE-VARIOUS INTERSECTION STRATEGIES TO ADDRESS SHSP - TO BE DETERMINED (2023)	Multi	HSIP	\$4,500,000	\$4,050,000	\$450,000	
2023	608841	STATEWIDE	MULTIPLE	STATEWIDE-VARIOUS INTERSECTION STRATEGIES TO ADDRESS SHSP - TO BE DETERMINED (2023)	Multi	HSIP	\$5,791,753	\$5,212,578	\$579,175	
SAFETY IMPROVEMENTS SUBTOTAL:							\$20,837,497	\$18,353,749	\$2,483,749	
SECTION 2A / STATE PRIORITIZED RELIABILITY PROJECTS TOTAL:							\$299,519,420	\$244,040,308	\$55,479,112	
SECTION 2B / STATE PRIORITIZED MODERNIZATION PROJECTS										
ADA Retrofits										
2023	609177	STATEWIDE	MULTIPLE	DISTRICT 4- ADA RETROFITS AT VARIOUS LOCATIONS	4	STP	\$997,500	\$798,000	\$199,500	Construction
2023	609178	STATEWIDE	MULTIPLE	DISTRICT 6- ADA RETROFITS AT VARIOUS LOCATIONS	6	STP	\$752,410	\$601,928	\$150,482	Construction
ADA RETROFITS SUBTOTAL:							\$1,749,910	\$1,399,928	\$349,982	
Intelligent Transportation Systems										
2023	609086	STATEWIDE	MULTIPLE	STATEWIDE INTELLIGENT TRANSPORTATION SYSTEMS, YEAR 2023, FOR CIP POLICY DEVELOPMENT PURPOSES ONLY	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										
2023	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	
2023	608566	BOSTON	MARLBOROUGH	MARLBOROUGH- IMPROVEMENTS AT ROUTE 20 (EAST MAIN STREET) AT CURTIS AVENUE	3	HSIP	\$2,784,000	\$2,505,600	\$278,400	

2023										
YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2023	608052	BOSTON	NORWOOD	NORWOOD- INTERSECTION & SIGNAL IMPROVEMENTS AT US 1 (PROVIDENCE HIGHWAY) & MORSE STREET	5	HSIP	\$974,815	\$877,334	\$97,482	
2023	608564	BOSTON	WATERTOWN	WATERTOWN- INTERSECTION IMPROVEMENTS AT ROUTE 16 AND GALEN STREET	6	HSIP	\$2,630,000	\$2,367,000	\$263,000	
2023	608774	NORTHERN MIDDLESEX	TEWKSBURY	TEWKSBURY – ROUTE 38 INTERSECTION IMPROVEMENTS FROM LOWELL LINE TO PIKE STREET/ASTLE STREET	4	HSIP	\$3,005,529	\$2,704,976	\$300,553	
2023	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	
2023	609093	STATEWIDE	MULTIPLE	DISTRICT 2- INTERSECTION IMPROVEMENTS TO TOP CRASH LOCATION (HSIP 2023 PLACEHOLDER)	2	HSIP	\$450,000	\$405,000	\$45,000	
2023	609094	STATEWIDE	MULTIPLE	DISTRICT 3- INTERSECTION IMPROVEMENTS TO TOP CRASH LOCATION (HSIP 2022 PLACEHOLDER)	3	HSIP	\$450,000	\$405,000	\$45,000	
2023	609095	STATEWIDE	MULTIPLE	DISTRICT 4- INTERSECTION IMPROVEMENTS TO TOP CRASH LOCATION (HSIP 2022 PLACEHOLDER)	4	HSIP	\$450,000	\$405,000	\$45,000	
2023	609055	STATEWIDE	MULTIPLE	DISTRICT 5- INTERSECTION IMPROVEMENTS TO TOP CRASH LOCATION (HSIP 2022 PLACEHOLDER)	5	HSIP	\$450,000	\$405,000	\$45,000	
2023	609096	STATEWIDE	MULTIPLE	DISTRICT 6- INTERSECTION IMPROVEMENTS TO TOP CRASH LOCATION (HSIP 20223PLACEHOLDER)	6	HSIP	\$450,000	\$405,000	\$45,000	
2023	609097	STATEWIDE	MULTIPLE	STATEWIDE-VARIOUS INTERSECTION STRATEGIES TO ADDRESS SHSP - TO BE DETERMINED (2023)	Multi	HSIP	\$450,000	\$405,000	\$45,000	
INTERSECTION IMPROVEMENTS SUBTOTAL:							\$16,282,344	\$14,654,110	\$1,628,235	
Roadway Reconstruction										
2023	607977	BOSTON	MULTIPLE	HOPKINTON- WESTBOROUGH- RECONSTRUCTION OF I-90/I-495 INTERCHANGE	3	NFP	\$30,000,000	\$24,000,000	\$6,000,000	Total Federal Participating Cost (TFPC) = \$189,451,000; Total Construction Cost (TCC) = \$270,000,000; AC Yr 2 of 6
2023	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	\$20,932,781	\$16,746,225	\$4,186,556	a) Construction; b) Total Project Cost = \$62,433,862 w/\$11,386,727 of Central Mass regional funding in 2020 and 2021/AC YR 4 of 4
2023	608049	SOUTHEASTERN MASSACHUSETTS	FALL RIVER	FALL RIVER- CORRIDOR IMPROVEMENTS ON ROUTE 79/DAVOL STREET	5	NHPP	\$20,000,000	\$16,000,000	\$4,000,000	a) Construction; b) Total Project Cost = \$81,290,000; AC YR 4 of 5
ROADWAY RECONSTRUCTION SUBTOTAL:							\$70,932,781	\$56,746,225	\$14,186,556	
SECTION 2B / STATE PRIORITIZED MODERNIZATION PROJECTS TOTAL:							\$98,965,035	\$80,800,263	\$18,164,773	

2023										
YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
SECTION 2C / STATE PRIORITIZED EXPANSION PROJECTS										
Bicycles and Pedestrians										
2023	608930	MERRIMACK VALLEY	MULTIPLE	LAWRENCE- LAWRENCE MANCHESTER RAIL CORRIDOR (LMRC) RAIL TRAIL	4	CMAQ	\$17,278,635	\$13,822,908	\$3,455,727	
2023	608227	NORTHERN MIDDLESEX	BILLERICA	BILLERICA- YANKEE DOODLE BIKE PATH CONSTRUCTION (PHASE I)	4	CMAQ	\$10,102,215	\$8,081,772	\$2,020,443	Construction / PSAC score 36
2023	607823	PIONEER VALLEY	SOUTHAMPTON	SOUTHAMPTON- GREENWAY RAIL TRAIL CONSTRUCTION, FROM COLEMAN ROAD TO ROUTE 10 (3.5 MILES)	2	CMAQ	\$7,053,638	\$5,642,910	\$1,410,728	
BICYCLES AND PEDESTRIANS SUBTOTAL:							\$34,434,488	\$27,547,590	\$6,886,898	
SECTION 2C / STATE PRIORITIZED EXPANSION PROJECTS TOTAL:							\$34,434,488	\$27,547,590	\$6,886,898	
SECTION 3 / PLANNING / ADJUSTMENTS / PASS-THROUGHS										
Planning / Adjustments / Pass throughs										
2023	EWO	STATEWIDE	MULTIPLE	Award adjustments, change orders, etc.	Multi	CMAQ	\$1,250,000	\$1,000,000	\$250,000	
2023	MRTDM 23	STATEWIDE	MULTIPLE	MassRides: Travel Demand Management	Multi	CMAQ	\$3,125,000	\$2,500,000	\$625,000	
2023	EWO	STATEWIDE	MULTIPLE	Award adjustments, change orders, etc.	Multi	HSIP	\$3,333,333	\$3,000,000	\$333,333	
2023	EWO	STATEWIDE	MULTIPLE	Award adjustments, change orders, etc.	Multi	NHPP	\$12,500,000	\$10,000,000	\$2,500,000	
2023	ABPGAN	STATEWIDE	MULTIPLE	ABP GANS Repayment	Multi	NHPP	\$93,635,000	\$93,635,000	\$0	
2023	UPWP2 4	STATEWIDE	MULTIPLE	Metropolitan Planning	Multi	PL	\$9,825,026	\$7,860,021	\$1,965,005	
2023	SPR223	STATEWIDE	MULTIPLE	State Planning and Research Work Program II, (SPR II), Research	Multi	RD	\$4,500,000	\$3,600,000	\$900,000	
2023	SRT23	STATEWIDE	MULTIPLE	Recreational Trails	Multi	REC	\$1,483,411	\$1,186,729	\$296,682	
2023	RRC23	STATEWIDE	MULTIPLE	Railroad Crossings	Multi	RRHE	\$1,111,111	\$1,000,000	\$111,111	
2023	RRC23	STATEWIDE	MULTIPLE	Railroad Crossings	Multi	RRPD	\$1,111,111	\$1,000,000	\$111,111	
2023	UPWP2 4	STATEWIDE	MULTIPLE	Metropolitan Planning	Multi	SPR	\$1,012,803	\$810,242	\$202,561	
2023	SPR123	STATEWIDE	MULTIPLE	State Planning and Research Work Program I, (SPR I), Planning	Multi	SPR	\$13,033,371	\$10,426,697	\$2,606,674	

2023										
YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2023	ABPGAN	STATEWIDE	MULTIPLE	ABP GANS Repayment	Multi	STP	\$350,000	\$350,000	\$0	
2023	EWO	STATEWIDE	MULTIPLE	Award adjustments, change orders, etc.	Multi	STP	\$5,000,000	\$4,000,000	\$1,000,000	
2023	EWO	STATEWIDE	MULTIPLE	Award adjustments, change orders, etc.	Multi	STP-BR-OFF	\$1,875,000	\$1,500,000	\$375,000	
2023	MREDU23	STATEWIDE	MULTIPLE	MassRides: SRTS Education	Multi	TAP	\$200,000	\$160,000	\$40,000	
2023	EWO	STATEWIDE	MULTIPLE	Award adjustments, change orders, etc.	Multi	TAP	\$625,000	\$500,000	\$125,000	
PLANNING / ADJUSTMENTS / PASS-THROUGHS SUBTOTAL:							\$153,970,166	\$142,528,689	\$11,441,477	
SECTION 3 / PLANNING / ADJUSTMENTS / PASS-THROUGHS TOTAL:							\$153,970,166	\$142,528,689	\$11,441,477	
SECTION 4 / NON FEDERALLY AIDED PROJECTS										
Non Federally Aided Projects										
2023	607977	BOSTON	MULTIPLE	HOPKINTON- WESTBOROUGH- RECONSTRUCTION OF I-90/I-495 INTERCHANGE	3	NFA	\$18,112,483	\$0	\$18,112,483	Total Federal Participating Cost (TFPC) = \$189,451,000; Total Construction Cost (TCC) = \$270,000,000; AC Yr 2 of 6
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 2023						\$840,824,134	\$685,002,730	\$155,821,405	

2023										
YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non- Federal Funds	Additional Information
Total Federal Funds							Total Non-Federal Funds	Total Programmed Funds		
\$3,369,789,316							\$731,323,384	\$4,101,954,892		

2019 Transit Projects

Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	RTACAP	MAP	ICB	SCA	TDC	Local Funds	Total Cost
5307											
BAT	114402	REHAB/RENOVATE - MAINTENANCE FACILITY - Windows, roof, flooring		\$40,000	\$10,000	\$0	\$0	\$0	\$0	\$0	\$50,000
BAT	113401	REHAB/RENOVATE - BUS TERMINAL		\$40,000	\$10,000	\$0	\$0	\$0	\$0	\$0	\$50,000
BAT	114409	REHAB/RENOVATE - MOBILE SURVEILL/SECURITY EQUIP		\$320,000	\$80,000	\$0	\$0	\$0	\$0	\$0	\$400,000
BAT	111203	BUY REPLACEMENT 30-FT BUS (2) BSU		\$250,000	\$250,000	\$0	\$0	\$0	\$0	\$0	\$500,000
BAT	114220	ACQUIRE - MISC SUPPORT EQUIPMENT		\$80,000	\$20,000	\$0	\$0	\$0	\$0	\$0	\$100,000
BAT	111240	ACQUIRE ASSOC CAP MAINT ITEMS		\$80,000	\$20,000	\$0	\$0	\$0	\$0	\$0	\$100,000
BAT	114211	ACQUIRE - REPLACEMENT SUPPORT VEHICLE (1)		\$24,000	\$6,000	\$0	\$0	\$0	\$0	\$0	\$30,000
BAT	300900	Operating/PM/ADA		\$2,250,000	\$0	\$0	\$0	\$2,250,000	\$0	\$0	\$4,500,000
BAT	111700	VEH OVERHAUL (UP TO 20% VEH MAINT) (3)		\$397,500	\$397,500	\$0	\$0	\$0	\$0	\$0	\$795,000
BAT	114409	REHAB/RENOVATE - SURVEILL/SECURITY EQUIP FENCING		\$48,000	\$12,000	\$0	\$0	\$0	\$0	\$0	\$60,000
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
BRTA	111204	BUY REPLACEMENT <30 FT BUS		\$76,899	\$19,225	\$0	\$0	\$0	\$0	\$0	\$96,124
BRTA	113407	Automatic Gate at Downing Parkway		\$96,000	\$24,000	\$0	\$0	\$0	\$0	\$0	\$120,000
CATA	117A00	PREVENTIVE MAINTENANCE		\$285,000	\$0	\$0	\$0	\$0	\$0	\$71,250	\$356,250
CATA	114206	ACQUIRE - SHOP EQ/COMPUTER/SFTWR		\$55,000	\$13,750	\$0	\$0	\$0	\$0	\$0	\$68,750
CCRTA	300900	OPERATING ASSISTANCE		\$600,000	\$0	\$0	\$0	\$600,000	\$0	\$0	\$1,200,000
CCRTA	117C00	NON FIXED ROUTE ADA PARA SERV		\$542,769	\$0	\$0	\$0	\$135,692	\$0	\$0	\$678,461
CCRTA	117A00	PREVENTIVE MAINTENANCE		\$4,896,000	\$0	\$0	\$0	\$1,224,000	\$0	\$0	\$6,120,000
CCRTA	117L00	MOBILITY MANAGEMENT		\$1,231,001	\$0	\$0	\$0	\$307,750	\$0	\$0	\$1,538,751
CCRTA	113400	REHAB/RENOVATE BUS STATIONS		\$330,800	\$82,700	\$0	\$0	\$0	\$0	\$0	\$413,500
CCRTA	117000	OTHER CAPITAL ITEMS (BUS)		\$864,000	\$216,000	\$0	\$0	\$0	\$0	\$0	\$1,080,000
CCRTA	442400	SHORT RANGE TRANSIT PLANNING		\$40,000	\$10,000	\$0	\$0	\$0	\$0	\$0	\$50,000
CCRTA	111309	BUY TROLLEY BUS		\$444,000	\$111,000	\$0	\$0	\$0	\$0	\$0	\$555,000
CCRTA	111203	BUY REPLACEMENT 30-FT BUS		\$129,600	\$0	\$0	\$0	\$0	\$32,400	\$0	\$129,600
CCRTA	111204	BUY REPLACEMENT <30 FT BUS		\$180,000	\$45,000	\$0	\$0	\$0	\$0	\$0	\$225,000
GATRA	111215	BUY REPLACEMENT VAN - 6		\$380,000	\$0	\$0	\$0	\$0	\$0	\$95,000	\$475,000
GATRA	114220	ACQUIRE - MISC SUPPORT EQUIPMENT		\$152,000	\$38,000	\$0	\$0	\$0	\$0	\$0	\$190,000
GATRA	117C00	NON FIXED ROUTE ADA PARA SERV		\$1,000,000	\$0	\$0	\$0	\$250,000	\$0	\$0	\$1,250,000
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	442400	SHORT RANGE TRANSIT PLANNING		\$80,000	\$0	\$0	\$0	\$20,000	\$0	\$0	\$100,000
GATRA	111203	BUY REPLACEMENT 30-FT BUS - 2		\$800,000	\$200,000	\$0	\$0	\$0	\$0	\$0	\$1,000,000
GATRA	111204	BUY REPLACEMENT <30 FT BUS - 3		\$180,000	\$0	\$0	\$0	\$0	\$0	\$45,000	\$225,000
GATRA	111203	BUY REPLACEMENT 30-FT BUS - 2		\$800,000	\$200,000	\$0	\$0	\$0	\$0	\$0	\$1,000,000
GATRA	114402	Maintenance Facility Upgrades		\$121,600	\$30,400	\$0	\$0	\$0	\$0	\$0	\$152,000
GATRA	114405	Maintenance Facility repaving		\$40,000	\$10,000	\$0	\$0	\$0	\$0	\$0	\$50,000
GATRA	113407	Terminal Building and Parking Area Lighting Upgrade		\$72,000	\$18,000	\$0	\$0	\$0	\$0	\$0	\$90,000
GATRA	114209	ACQUIRE - MOBILE SURV/SECURITY EQUIP		\$20,000	\$5,000	\$0	\$0	\$0	\$0	\$0	\$25,000
GATRA	114401	Administrative Office Renovations		\$89,600	\$22,400	\$0	\$0	\$0	\$0	\$0	\$112,000
GATRA	113410	Solar Canopy Retrofit - Bus Shelters (18)		\$12,000	\$3,000	\$0	\$0	\$0	\$0	\$0	\$15,000
GATRA	113302	CONSTRUCT - North Attleboro BUS STATION		\$782,540	\$195,635	\$0	\$0	\$0	\$0	\$0	\$978,175
LRTA	300901	OPERATING ASSISTANCE 2019		\$1,480,527	\$0	\$0	\$0	\$3,457,328	\$0	\$2,772,183	\$7,710,038
LRTA	117A00	PREVENTIVE MAINTENANCE 2019		\$1,348,050	\$0	\$0	\$0	\$337,013	\$0	\$0	\$1,685,063
LRTA	442400	SHORT RANGE TRANSIT PLANNING 2019		\$80,000	\$0	\$0	\$0	\$0	\$0	\$20,000	\$100,000
LRTA	111240	BUY CAPITAL SPARE PARTS 2019		\$80,000	\$20,000	\$0	\$0	\$0	\$0	\$0	\$100,000

2019 Transit Projects

Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	RTACAP	MAP	ICB	SCA	TDC	Local Funds	Total Cost
LRTA	114211	ACQUIRE - ADMINISTRATIVE SUPPORT VEHICLE		\$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
LRTA	111202	BUY REPLACEMENT 35-FT BUS (10)		\$1,150,000	\$3,450,000	\$0	\$0	\$0	\$0	\$0	\$4,600,000
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	114211	Replace 1 Model Yr 2013 Support Vehicle		\$36,165	\$9,040	\$0	\$0	\$0	\$0	\$0	\$45,205
MVRTA	114406	SGR Refurbish 4 vehicle lifts		\$320,000	\$80,000	\$0	\$0	\$0	\$0	\$0	\$400,000
MVRTA	114105	SGR Riverbank stabilization Design/Permitting		\$188,025	\$47,010	\$0	\$0	\$0	\$0	\$0	\$235,035
SRTA	117A00	PREVENTIVE MAINTENANCE		\$800,000	\$0	\$0	\$0	\$200,000	\$0	\$0	\$1,000,000
SRTA	442400	SHORT RANGE TRANSIT PLANNING		\$96,000	\$0	\$0	\$0	\$0	\$0	\$24,000	\$120,000
SRTA	300901	UP TO 50% FEDERAL SHARE		\$5,741,233	\$0	\$0	\$0	\$5,741,233	\$0	\$0	\$11,482,466
SRTA	300900	ADA Assistance		\$160,000	\$0	\$0	\$0	\$40,000	\$0	\$0	\$200,000
SRTA	114220	ACQUIRE - Transit Enhancements		\$8,000	\$2,000	\$0	\$0	\$0	\$0	\$0	\$10,000
SRTA	111215	BUY REPLACEMENT VAN		\$45,600	\$11,400	\$0	\$0	\$0	\$0	\$0	\$57,000
SRTA	112120	ENG/DESIGN - ITS		\$638,040	\$159,510	\$0	\$0	\$0	\$0	\$0	\$797,550
SRTA	114211	ACQUIRE - SUPPORT VEHICLES		\$36,000	\$9,000	\$0	\$0	\$0	\$0	\$0	\$45,000
SRTA	114409	REHAB/RENOVATE - MOBILE SURVEILL/SECURITY EQUIP		\$80,000	\$20,000	\$0	\$0	\$0	\$0	\$0	\$100,000
SRTA	111340	BUY Hybrid Battery (1)		\$36,800	\$9,200	\$0	\$0	\$0	\$0	\$0	\$46,000
WRTA	114211	ACQUIRE - SUPPORT VEHICLES		\$28,000	\$7,000	\$0	\$0	\$0	\$0	\$0	\$35,000
WRTA	111240	BUY ASSOC CAP MAINT ITEMS		\$525,833	\$131,458	\$0	\$0	\$0	\$0	\$0	\$657,291
WRTA	114207	ACQUIRE - ADP HARDWARE		\$78,494	\$19,623	\$0	\$0	\$0	\$0	\$0	\$98,117
WRTA	114208	ACQUIRE - ADP SOFTWARE		\$112,000	\$28,000	\$0	\$0	\$0	\$0	\$0	\$140,000
WRTA	119202	PURCHASE BUS SHELTERS		\$24,000	\$6,000	\$0	\$0	\$0	\$0	\$0	\$30,000
WRTA	119208	PURCHASE SIGNAGE		\$16,000	\$4,000	\$0	\$0	\$0	\$0	\$0	\$20,000
WRTA	113401	REHAB/RENOVATE - BUS TERMINAL		\$16,000	\$4,000	\$0	\$0	\$0	\$0	\$0	\$20,000
WRTA	114303	CONSTRUCT - ADMIN/MAINT FACILITY		\$3,590,146	\$0	\$0	\$0	\$0	\$718,029	\$0	\$3,590,146
WRTA	111215	Miscellaneous Equipment		\$80,000	\$20,000	\$0	\$0	\$0	\$0	\$0	\$100,000
WRTA	114220	ACQUIRE - MISC SUPPORT EQUIPMENT		\$8,025	\$2,006	\$0	\$0	\$0	\$0	\$0	\$10,031
WRTA	300901	UP TO 50% FEDERAL SHARE		\$5,744,798	\$0	\$0	\$0	\$5,744,798	\$0	\$0	\$11,489,596
WRTA	114303	CONSTRUCT - ADMIN/MAINT FACILITY		\$16,000	\$4,000	\$0	\$0	\$0	\$0	\$0	\$20,000
PVTA	119302	Purchase Bus Shelters, benches, trash receptacles,etc.		\$100,000	\$25,000	\$0	\$0	\$0	\$0	\$0	\$125,000
PVTA	119308	Purchase & Replace signage and lighting		\$12,000	\$3,000	\$0	\$0	\$0	\$0	\$0	\$15,000
PVTA	114220	ACQUIRE - MISC SUPPORT EQUIPMENT		\$8,000	\$2,000	\$0	\$0	\$0	\$0	\$0	\$10,000
PVTA	442400	Transportation Planning		\$188,000	\$0	\$0	\$0	\$47,000	\$0	\$0	\$235,000
PVTA	117C00	ADA Service subsidy		\$1,250,014	\$0	\$0	\$0	\$312,504	\$0	\$0	\$1,562,518
PVTA	117A00	Preventive Maintenance		\$5,261,986	\$0	\$0	\$0	\$1,315,496	\$0	\$0	\$6,577,482
PVTA	116220	Information Technology Systems		\$1,417,799	\$354,450	\$0	\$0	\$0	\$0	\$0	\$1,772,249
PVTA	114302	Cottage Street Design and Construction Administration, Year 3		\$2,000,000	\$0	\$0	\$0	\$0	\$500,000	\$0	\$2,000,000
PVTA	114402	REHAB/RENOVATE - Environmental Compliance		\$60,000	\$90,000	\$0	\$0	\$0	\$0	\$0	\$150,000
PVTA	114302	Retrofit SATCO facility to paratransit		\$251,912	\$398,088	\$0	\$0	\$0	\$0	\$0	\$650,000
MART	111215	BUY REPLACEMENT VAN (5)		\$264,000	\$66,000	\$0	\$0	\$0	\$0	\$0	\$330,000
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
MART	114406	REHAB/RENOVATE - SHOP EQUIPMENT		\$32,000	\$8,000	\$0	\$0	\$0	\$0	\$0	\$40,000
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		\$72,000	\$18,000	\$0	\$0	\$0	\$0	\$0	\$90,000

2019 Transit Projects

Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	RTACAP	MAP	ICB	SCA	TDC	Local Funds	Total Cost
MART	113403	TERMINAL, INTERMODAL (TRANSIT)		\$24,000	\$6,000	\$0	\$0	\$0	\$0	\$0	\$30,000
MBTA	121200	Revenue Vehicle Program - 5307		\$57,969,489	\$0	\$0	\$0	\$0	\$0	\$14,492,372	\$72,461,861
MBTA	123400	Stations and Facilities Program - 5307		\$18,827,713	\$0	\$0	\$0	\$0	\$0	\$4,706,928	\$23,534,641
MBTA	123402	Elevator and Escalator Program - 5307		\$2,644,350	\$0	\$0	\$0	\$0	\$0	\$661,087	\$3,305,437
MBTA	126301	Signals/Systems Upgrade Program - 5307		\$64,280,000	\$0	\$0	\$0	\$0	\$0	\$16,070,000	\$80,350,000
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
MWRTA	113403	TERMINAL, INTERMODAL (TRANSIT) - BLANDIN - Front Entrance		\$150,000	\$37,500	\$0	\$0	\$0	\$0	\$0	\$187,500
Subtotal				\$207,444,058	\$7,441,249	\$0	\$0	\$27,014,244	\$1,250,429	\$38,977,820	\$280,877,371
5309											
MBTA	132303	Green Line Extension Project		\$150,000,000	\$0	\$0	\$0	\$0	\$0	\$150,000,000	\$300,000,000
Subtotal				\$150,000,000	\$0	\$0	\$0	\$0	\$0	\$150,000,000	\$300,000,000
5310											
MassDOT	111200	Mobility Assistance Program		\$5,974,566	\$0	\$4,000,000	\$0	\$0	\$0	\$0	\$9,974,566
Subtotal				\$5,974,566	\$0	\$4,000,000	\$0	\$0	\$0	\$0	\$9,974,566
5311											
FRTA	300900	OPERATING ASSISTANCE		\$1,165,003	\$0	\$0	\$0	\$1,059,660	\$0	\$359,865	\$2,584,528
VTA	300901	UP TO 50% FEDERAL SHARE		\$1,500,000	\$0	\$0	\$0	\$1,500,000	\$0	\$0	\$3,000,000
NRTA	300900	Rural Operating Assistance		\$554,856	\$0	\$0	\$0	\$0	\$0	\$554,856	\$1,109,712
Subtotal				\$3,219,859	\$0	\$0	\$0	\$2,559,660	\$0	\$914,721	\$6,694,240
5337											
GATRA	123402	REHAB/RENOV - RAIL STATION		\$930,543	\$0	\$0	\$0	\$0	\$0	\$232,636	\$1,163,179
WRTA	113403	TERMINAL, INTERMODAL (TRANSIT)		\$2,445,435	\$0	\$0	\$0	\$0	\$0	\$611,359	\$3,056,794
MBTA	123400	Stations and Facilities Program - 5337		\$8,571,579	\$0	\$0	\$0	\$0	\$0	\$2,142,895	\$10,714,474
MBTA	124400	Signal/Systems Upgrades Program - 5337		\$36,966,421	\$0	\$0	\$0	\$0	\$0	\$9,241,605	\$46,208,026
MBTA	122405	Bridge and Tunnel Program - 5337		\$97,885,318	\$0	\$0	\$0	\$0	\$0	\$24,471,329	\$122,356,647
Subtotal				\$146,799,296	\$0	\$0	\$0	\$0	\$0	\$36,699,824	\$183,499,120
5339											
CCRTA	114200	ACQUISITION OF BUS SUPPORT EQUIP/FACILITIES		\$56,516	\$14,129	\$0	\$0	\$0	\$0	\$0	\$70,645
CCRTA	114207	ACQUIRE - ADP HARDWARE		\$25,702	\$6,425	\$0	\$0	\$0	\$0	\$0	\$32,127
CCRTA	119302	CONSTRUCTION - BUS SHELTERS		\$26,400	\$6,600	\$0	\$0	\$0	\$0	\$0	\$33,000
CCRTA	114211	ACQUIRE - SUPPORT VEHICLES		\$99,586	\$24,896	\$0	\$0	\$0	\$0	\$0	\$124,482
CCRTA	111203	BUY REPLACEMENT 30-FT BUS		\$1,250,400	\$0	\$0	\$0	\$0	\$312,600	\$0	\$1,250,400
VTA	111202	BUY REPLACEMENT 35-FT BUS (4)		\$600,000	\$2,400,000	\$0	\$0	\$0	\$0	\$0	\$3,000,000
VTA	114220	ACQUIRE - MISC SUPPORT EQUIPMENT		\$600,000	\$750,000	\$0	\$0	\$0	\$0	\$0	\$1,350,000
WRTA	114303	CONSTRUCT - ADMIN/MAINT FACILITY		\$466,106	\$0	\$0	\$0	\$0	\$93,221	\$0	\$466,106
PVTA	111215	Purchase Replacement Vans (27)		\$326,510	\$1,510,110	\$0	\$0	\$0	\$0	\$0	\$1,836,620
MART	119305	CONSTRUCT PED ACCESS / WALKWAYS		\$240,000	\$60,000	\$0	\$0	\$0	\$0	\$0	\$300,000
MBTA	111400	Bus Program - 5339		\$5,562,970	\$0	\$0	\$0	\$0	\$0	\$1,390,743	\$6,953,713
MassDOT	111200	Bus and Bus Facilities (Statewide)		\$1,721,158	\$0	\$0	\$0	\$0	\$0	\$430,290	\$2,151,448
Subtotal				\$10,975,348	\$4,772,160	\$0	\$0	\$0	\$405,821	\$1,821,033	\$17,568,541
5320											
Subtotal				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other Federal											
Subtotal				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other Non-Federal											
CATA	111202	BUY REPLACEMENT 35-FT BUS (2)		\$0	\$900,000	\$0	\$0	\$0	\$0	\$0	\$900,000
FRTA	111204	BUY REPLACEMENT <30 FT BUS		\$0	\$360,000	\$0	\$0	\$0	\$0	\$0	\$360,000
FRTA	114102	MAINT FACILITY - EQUIPT/SUPPORT		\$0	\$1,500,000	\$0	\$0	\$0	\$0	\$0	\$1,500,000

2019 Transit Projects

Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	RTACAP	MAP	ICB	SCA	TDC	Local Funds	Total Cost
FRTA	113120	ENG/DESIGN - MISC BUS STATION EQUIPMENT		\$0	\$5,000	\$0	\$0	\$0	\$0	\$0	\$5,000
FRTA	113320	CONSTRUCT - MISC BUS STATION EQUIPMENT		\$0	\$25,000	\$0	\$0	\$0	\$0	\$0	\$25,000
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	117691	REAL ESTATE ACQUISITION		\$0	\$125,000	\$0	\$0	\$0	\$0	\$0	\$125,000
FRTA	111240	BUY ASSOC CAP MAINT ITEMS		\$0	\$15,000	\$0	\$0	\$0	\$0	\$0	\$15,000
LRTA	111240	BUY ASSOC CAP MAINT ITEMS (IT EQUIPMENT)		\$0	\$10,000	\$0	\$0	\$0	\$0	\$0	\$10,000
LRTA	111400	Replace Batteries for Hybrid Electric Bus		\$0	\$144,000	\$0	\$0	\$0	\$0	\$0	\$144,000
VRTA	114403	REHAB/RENOVATE - ADMIN/MAINT FACILITY		\$0	\$150,000	\$0	\$0	\$0	\$0	\$0	\$150,000
VRTA	114220	ACQUIRE - MISC SUPPORT EQUIPMENT		\$0	\$75,000	\$0	\$0	\$0	\$0	\$0	\$75,000
VRTA	113310	CONSTRUCT - BUS PASSENGER SHELTERS		\$0	\$50,000	\$0	\$0	\$0	\$0	\$0	\$50,000
VRTA	114403	REHAB/RENOVATE - ADMIN/MAINT FACILITY		\$0	\$250,000	\$0	\$0	\$0	\$0	\$0	\$250,000
VRTA	119309	CONSTRUCT ENHANCED ADA ACCESS		\$0	\$1,000,000	\$0	\$0	\$0	\$0	\$0	\$1,000,000
VRTA	113209	ACQUIRE - BUS ROUTE SIGNING		\$0	\$20,000	\$0	\$0	\$0	\$0	\$0	\$20,000
VRTA	116402	REHAB/RENOV COMMUNICATIONS SYSTEM		\$0	\$50,000	\$0	\$0	\$0	\$0	\$0	\$50,000
VRTA	111215	BUY REPLACEMENT VAN		\$0	\$72,000	\$0	\$0	\$0	\$0	\$0	\$72,000
VRTA	111202	BUY REPLACEMENT 35-FT BUS (1) - Electric		\$0	\$750,000	\$0	\$0	\$0	\$0	\$0	\$750,000
MVRTA	113303	Newburyport Intermodal Transit Facility Year 2		\$0	\$2,500,000	\$0	\$0	\$0	\$0	\$0	\$2,500,000
MVRTA	111202	Replacement Buses - cleaner fuel (CMAQ Match on HWY TIP)		\$0	\$139,708	\$0	\$0	\$0	\$0	\$0	\$139,708
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	114400	REHAB/RENOVATE BUS SUPPORT FACIL/EQUIP		\$0	\$450,000	\$0	\$0	\$0	\$0	\$0	\$450,000
NRTA	114410	REHAB/RENOVATE - MOBILE FARE COLL EQUIP		\$0	\$50,000	\$0	\$0	\$0	\$0	\$0	\$50,000
NRTA	995000	TRAVELER INFORMATION		\$0	\$37,620	\$0	\$0	\$0	\$0	\$0	\$37,620
NRTA	114211	ACQUIRE - SUPPORT VEHICLES		\$0	\$360,000	\$0	\$0	\$0	\$0	\$0	\$360,000
PVTA	114406	Purchase & Replace Shop Equipment		\$0	\$300,000	\$0	\$0	\$0	\$0	\$0	\$300,000
PVTA	114211	Purchase & Replace support vehicles (2)		\$0	\$75,000	\$0	\$0	\$0	\$0	\$0	\$75,000
PVTA	114211	ACQUIRE - SUPPORT VEHICLES (4)		\$0	\$120,000	\$0	\$0	\$0	\$0	\$0	\$120,000
PVTA	114302	Cottage Street Construction, Year 3		\$0	\$9,824,862	\$0	\$0	\$0	\$0	\$0	\$9,824,862
PVTA	114306	UMTS rehab - Reinstall exhaust fans over maintenance bays		\$0	\$15,000	\$0	\$0	\$0	\$0	\$0	\$15,000
PVTA	114220	ACQUIRE - MISC SUPPORT EQUIPMENT		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,247,000
PVTA	111201	Buy Replacement 40' Bus (4)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,836,000
PVTA	111202	Buy Replacement 35" Bus (4)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,956,000
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	\$50,000	\$0	\$50,000	\$100,000
BAT	300900	OPERATING ASSISTANCE - Sunday Service		\$0	\$0	\$0	\$0	\$175,000	\$0	\$175,000	\$350,000
MART	113304	CONSTRUCT - BUS PARK&RIDE LOT		\$0	\$152,119	\$0	\$0	\$0	\$0	\$0	\$152,119
MVRTA	111215	BUY REPLACEMENT- CAPITOL BUS		\$0	\$120,000	\$0	\$0	\$0	\$0	\$0	\$120,000
MassDOT	900000	Transit Technical Assistance		\$0	\$2,000,000	\$0	\$0	\$0	\$0	\$0	\$2,000,000
Subtotal				\$0	\$21,995,309	\$0	\$0	\$305,000	\$0	\$305,000	\$29,644,309
Total				\$524,413,127	\$34,208,718	\$4,000,000	\$0	\$29,878,904	\$1,656,250	\$228,718,398	\$828,258,147

2020 Transit Projects

Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	RTACAP	MAP	ICB	SCA	TDC	Local Funds	Total Cost
5307											
BAT	111240	ACQUIRE ASSOC CAP MAINT ITEMS	2018 - \$80,000	\$80,000	\$20,000	\$0	\$0	\$0	\$0	\$0	\$100,000
BAT	114402	REHAB/RENOVATE - MAINTENANCE FACILITY	2018 - \$40,000	\$40,000	\$10,000	\$0	\$0	\$0	\$0	\$0	\$50,000
BAT	114220	ACQUIRE - MISC SUPPORT EQUIPMENT	2018 - \$80,000	\$80,000	\$20,000	\$0	\$0	\$0	\$0	\$0	\$100,000
BAT	300900	OPERATING ASSISTANCE - Operating/PM/ADA	2018 - \$435,402; 2019 - \$1,864,598	\$2,300,000	\$0	\$0	\$0	\$2,300,000	\$0	\$0	\$4,600,000
BAT	111203	BUY REPLACEMENT 30-FT BUS (2) BSU	2018 - \$250,000	\$250,000	\$250,000	\$0	\$0	\$0	\$0	\$0	\$500,000
BAT	111700	VEH OVERHAUL (UP TO 20% VEH MAINT) (1) Hybrid	2018 - \$50,000	\$50,000	\$50,000	\$0	\$0	\$0	\$0	\$0	\$100,000
BAT	113403	TERMINAL, INTERMODAL (TRANSIT) Pavement Management	2018 - \$16,000	\$16,000	\$4,000	\$0	\$0	\$0	\$0	\$0	\$20,000
BAT	113403	TERMINAL, INTERMODAL (TRANSIT)	2018 - \$40,000	\$40,000	\$10,000	\$0	\$0	\$0	\$0	\$0	\$50,000
BRTA	117A00	PREVENTIVE MAINTENANCE		\$120,000	\$30,000	\$0	\$0	\$0	\$0	\$0	\$150,000
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
BRTA	114410	Mid-Life Fare Collection System upgrade		\$400,000	\$100,000	\$0	\$0	\$0	\$0	\$0	\$500,000
CATA	114206	ACQUIRE - SHOP EQ/COMP/SFTWR	2019 - \$55,000	\$55,000	\$13,750	\$0	\$0	\$0	\$0	\$0	\$68,750
CATA	117A00	PREVENTIVE MAINTENANCE	2019 - \$285,000	\$285,000	\$0	\$0	\$0	\$0	\$0	\$71,250	\$356,250
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 - \$4,969,440	\$4,969,440	\$0	\$0	\$0	\$1,242,360	\$0	\$0	\$6,211,800
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
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 - \$1,171,234	\$1,171,234	\$292,808	\$0	\$0	\$0	\$0	\$0	\$1,464,042
CCRTA	111204	BUY REPLACEMENT <30 FT BUS	2019 - \$185,400	\$185,400	\$46,350	\$0	\$0	\$0	\$0	\$0	\$231,750
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
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	113411	Rehab Intermodal Hub		\$150,000	\$150,000	\$0	\$0	\$0	\$0	\$0	\$300,000
LRTA	111240	BUY ASSOC CAP MAINT ITEMS - BUS WASH	2017 - \$64,893	\$100,000	\$100,000	\$0	\$0	\$0	\$0	\$0	\$200,000
LRTA	111215	BUY REPLACEMENT VAN (2)	2019 - \$115,000	\$115,000	\$115,000	\$0	\$0	\$0	\$0	\$0	\$230,000
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	\$440,800	\$0	\$0	\$0	\$0	\$0	\$2,204,000
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
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)		\$16,000	\$4,000	\$0	\$0	\$0	\$0	\$0	\$20,000
MART	129405	REHAB/RENOV PED ACCESS / WALKWAYS		\$60,000	\$15,000	\$0	\$0	\$0	\$0	\$0	\$75,000
MART	119202	PURCHASE BUS SHELTERS		\$40,000	\$10,000	\$0	\$0	\$0	\$0	\$0	\$50,000
MART	111204	BUY REPLACEMENT <30 FT BUS		\$260,000	\$65,000	\$0	\$0	\$0	\$0	\$0	\$325,000
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 - \$1,101,720	\$1,101,720	\$275,430	\$0	\$0	\$0	\$0	\$0	\$1,377,150
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 (5)	2016 - \$281,281; 2017 - \$141,574; 2017 - \$324,997; 2018 - \$158,148	\$764,426	\$453,000	\$0	\$0	\$0	\$0	\$0	\$2,265,000
SRTA	300901	UP TO 50% FEDERAL SHARE	2018 - \$5,380,765	\$5,380,765	\$0	\$0	\$0	\$5,741,233	\$0	\$0	\$11,121,998
SRTA	300900	ADA Assistance	2017 - \$160,000	\$160,000	\$0	\$0	\$0	\$40,000	\$0	\$0	\$200,000
SRTA	117A00	PREVENTIVE MAINTENANCE	2017 - \$500,000; 2018 - \$300,000	\$800,000	\$0	\$0	\$0	\$200,000	\$0	\$0	\$1,000,000
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
MBTA	121200	Revenue Vehicle Program - 5307		\$146,121,933	\$0	\$0	\$0	\$0	\$0	\$36,530,483	\$182,652,416
MVRTA	114305	SGR Riverbank stabilization Construction		\$1,400,265	\$350,065	\$0	\$0	\$0	\$0	\$0	\$1,750,330
MVRTA	114211	SGR Replace 1 model year 2013 supervisory vehicle		\$37,225	\$9,305	\$0	\$0	\$0	\$0	\$0	\$46,530
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	113403	TERMINAL, INTERMODAL (TRANSIT) - BLANDIN	2019 - \$150,000	\$150,000	\$37,500	\$0	\$0	\$0	\$0	\$0	\$187,500
PVTA	119202	Purchase Bus Shelters, benches, trash receptacles, etc.	2019 - \$77,424	\$77,424	\$19,356	\$0	\$0	\$0	\$0	\$0	\$96,780
PVTA	119208	Purchases signage and lighting	2019 - \$20,000	\$20,000	\$5,000	\$0	\$0	\$0	\$0	\$0	\$25,000
PVTA	119206	Purchase bicycle Equipment for shelters and buses	2019 - \$5,600	\$5,600	\$1,400	\$0	\$0	\$0	\$0	\$0	\$7,000
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 - \$192,000	\$192,000	\$0	\$0	\$0	\$48,000	\$0	\$0	\$240,000
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 - \$5,224,204	\$5,224,204	\$0	\$0	\$0	\$1,306,051	\$0	\$0	\$6,530,255
PVTA	111201	Buy Replacement 40' Diesel Bus (12)	2019 - \$1,918,610	\$1,918,610	\$2,063,947	\$0	\$0	\$0	\$0	\$0	\$6,879,823
PVTA	114220	Information Technology Systems	2019 - \$1,729,634	\$1,729,634	\$432,409	\$0	\$0	\$0	\$0	\$0	\$2,162,043
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		\$28,000	\$7,000	\$0	\$0	\$0	\$0	\$0	\$35,000
WRTA	114220	ACQUIRE - MISC SUPPORT EQUIPMENT		\$38,250	\$9,562	\$0	\$0	\$0	\$0	\$0	\$47,812
WRTA	111215	Miscellaneous Equipment		\$91,520	\$22,880	\$0	\$0	\$0	\$0	\$0	\$114,400
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		\$24,000	\$6,000	\$0	\$0	\$0	\$0	\$0	\$30,000
WRTA	119208	PURCHASE SIGNAGE		\$16,000	\$4,000	\$0	\$0	\$0	\$0	\$0	\$20,000
WRTA	114303	CONSTRUCT - ADMIN/MAINT FACILITY		\$1,482,000	\$0	\$0	\$0	\$0	\$296,400	\$0	\$1,482,000

2020 Transit Projects

Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	RTACAP	MAP	ICB	SCA	TDC	Local Funds	Total Cost
WRTA	300901	UP TO 50% FEDERAL SHARE		\$5,917,142	\$0	\$0	\$0	\$5,917,142	\$0	\$0	\$11,834,284
WRTA	111201	BUY REPLACEMENT 40-FT BUS (4)		\$1,778,929	\$0	\$0	\$0	\$0	\$355,786	\$0	\$1,778,929
Subtotal				\$210,603,559	\$6,516,229	\$0	\$0	\$27,366,402	\$652,186	\$39,747,221	\$288,839,451
5309											
MBTA	132303	Green Line Extension Project		\$150,000,000	\$0	\$0	\$0	\$0	\$0	\$150,000,000	\$300,000,000
Subtotal				\$150,000,000	\$0	\$0	\$0	\$0	\$0	\$150,000,000	\$300,000,000
5310											
MassDOT	111200	Mobility Assistance Program		\$6,035,578	\$0	\$4,000,000	\$0	\$0	\$0	\$0	\$10,035,578
Subtotal				\$6,035,578	\$0	\$4,000,000	\$0	\$0	\$0	\$0	\$10,035,578
5311											
NRTA	300900	Rural Operating Assistance		\$581,399	\$0	\$0	\$0	\$0	\$0	\$581,399	\$1,162,798
VTA	300901	UP TO 50% FEDERAL SHARE		\$1,500,000	\$0	\$0	\$0	\$1,500,000	\$0	\$0	\$3,000,000
Subtotal				\$2,081,399	\$0	\$0	\$0	\$1,500,000	\$0	\$581,399	\$4,162,798
5337											
GATRA	123402	REHAB/RENOV - RAIL STATION		\$838,102	\$0	\$0	\$0	\$0	\$0	\$209,526	\$1,047,628
MBTA	123402	Elevator and Escalator Program - 5337		\$27,740,714	\$0	\$0	\$0	\$0	\$0	\$6,935,178	\$34,675,892
MBTA	123400	Stations and Facilities Program - 5337		\$58,152,291	\$0	\$0	\$0	\$0	\$0	\$14,538,073	\$72,690,364
MBTA	124400	Signal/Systems Upgrades Program - 5337		\$60,000,000	\$0	\$0	\$0	\$0	\$0	\$15,000,000	\$75,000,000
WRTA	113403	TERMINAL, INTERMODAL (TRANSIT)		\$2,469,890	\$0	\$0	\$0	\$0	\$0	\$617,472	\$3,087,362
Subtotal				\$149,200,997	\$0	\$0	\$0	\$0	\$0	\$37,300,249	\$186,501,246
5339											
CCRTA	113400	REHAB/RENOVATE BUS STATIONS	2018 - \$428,000	\$428,000	\$107,000	\$0	\$0	\$0	\$0	\$0	\$535,000
CCRTA	114207	OTHER CAPITAL ITEMS (BUS)	2019 - \$684,000	\$684,000	\$171,000	\$0	\$0	\$0	\$0	\$0	\$855,000
MassDOT	119302	Bus and Bus Facilities (Statewide)		\$1,721,158	\$0	\$0	\$0	\$0	\$0	\$430,290	\$2,151,448
MBTA	114211	Bus Program - 5339		\$5,683,653	\$0	\$0	\$0	\$0	\$0	\$1,420,913	\$7,104,566
PVTA	111203	Buy Replacement 35-FT Bus (13)	2019 - 2,615,863; 2019 - \$885,729	\$885,729	\$1,327,608	\$0	\$0	\$0	\$0	\$0	\$7,377,789
SRTA	111202	REHAB/RENOVATE - BUS TERMINAL		\$500,000	\$0	\$0	\$0	\$0	\$100,000	\$0	\$500,000
VTA	114220	ACQUIRE - MISC SUPPORT	2018 - \$363,496; 2019 - \$347,500;	\$863,096	\$0	\$0	\$0	\$0	\$347,500	\$0	\$1,390,000
WRTA	114303	BUY REPLACEMENT 40-FT BUS (1)		\$470,767	\$0	\$0	\$0	\$0	\$94,153	\$0	\$470,767
Subtotal				\$11,236,403	\$1,605,608	\$0	\$0	\$0	\$541,653	\$1,851,203	\$20,384,570
5320											
Subtotal				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other Federal											
Subtotal				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other Non-Federal											
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	\$50,000	\$0	\$50,000	\$100,000
BAT	300900	OPERATING ASSISTANCE - Sunday Service		\$0	\$0	\$0	\$0	\$175,000	\$0	\$175,000	\$350,000
FRTA	114406	REHAB/RENOVATE - SHOP EQUIPMENT		\$0	\$10,000	\$0	\$0	\$0	\$0	\$0	\$10,000
FRTA	114220	ACQUIRE - MISC SUPPORT EQUIPMENT		\$0	\$10,000	\$0	\$0	\$0	\$0	\$0	\$10,000
FRTA	114102	ENG/DESIGN - MAINT FACILITY		\$0	\$700,000	\$0	\$0	\$0	\$0	\$0	\$700,000
FRTA	111240	BUY ASSOC CAP MAINT ITEMS		\$0	\$15,000	\$0	\$0	\$0	\$0	\$0	\$15,000
FRTA	117111	Acquisition/Mitigation		\$0	\$500,000	\$0	\$0	\$0	\$0	\$0	\$500,000
LRTA	111240	BUY ASSOC CAP MAINT ITEMS (ITS EQUIPMENT) 2020		\$0	\$10,000	\$0	\$0	\$0	\$0	\$0	\$10,000
MassDOT	900000	Transit Technical Assistance		\$0	\$2,000,000	\$0	\$0	\$0	\$0	\$0	\$2,000,000
NRTA	1000002	PREVENTIVE MAINTENANCE		\$0	\$10,000	\$0	\$0	\$0	\$0	\$0	\$10,000
NRTA	113210	ACQUIRE - BUS PASSENGER SHELTERS		\$0	\$10,000	\$0	\$0	\$0	\$0	\$0	\$10,000
NRTA	995000	TRAVELER INFORMATION		\$0	\$37,620	\$0	\$0	\$0	\$0	\$0	\$37,620
NRTA	111204	BUY REPLACEMENT <30 FT BUS		\$0	\$840,000	\$0	\$0	\$0	\$0	\$0	\$840,000
NRTA	114402	REHAB/RENOVATE - MAINTENANCE FACILITY		\$0	\$75,000	\$0	\$0	\$0	\$0	\$0	\$75,000

2020 Transit Projects

Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	RTACAP	MAP	ICB	SCA	TDC	Local Funds	Total Cost
PVTA	114411	Replace support vehicle (2)		\$0	\$150,000	\$0	\$0	\$0	\$0	\$0	\$150,000
PVTA	114406	Purchase & Replace Shop Equipment		\$0	\$110,000	\$0	\$0	\$0	\$0	\$0	\$110,000
PVTA	114402	Operations, Year 2		\$0	\$1,900,000	\$0	\$0	\$0	\$0	\$0	\$1,900,000
PVTA	114211	Replacement supervisory vehicles (2)		\$0	\$50,000	\$0	\$0	\$0	\$0	\$0	\$50,000
PVTA	114403	Rehab Northampton Maint Facility, Year 1		\$0	\$50,000	\$0	\$0	\$0	\$0	\$0	\$50,000
PVTA	114402	Bus Wash System Replacement -Northampton Maintenance Facility		\$0	\$90,000	\$0	\$0	\$0	\$0	\$0	\$90,000
VTA	111202	BUY REPLACEMENT 35-FT BUS (2)		\$0	\$900,000	\$0	\$0	\$0	\$0	\$0	\$900,000
VTA	114220	ACQUIRE - MISC SUPPORT EQUIPMENT		\$0	\$490,000	\$0	\$0	\$0	\$0	\$0	\$490,000
VTA	114403	REHAB/RENOVATE - ADMIN/MAINT FACILITY		\$0	\$175,000	\$0	\$0	\$0	\$0	\$0	\$175,000
VTA	114409	REHAB/RENOVATE - MOBILE SURVEILL/SECURITY EQUIP		\$0	\$40,000	\$0	\$0	\$0	\$0	\$0	\$40,000
VTA	113310	CONSTRUCT - BUS PASSENGER SHELTERS		\$0	\$50,000	\$0	\$0	\$0	\$0	\$0	\$50,000
VTA	113209	ACQUIRE - BUS ROUTE SIGNING		\$0	\$30,000	\$0	\$0	\$0	\$0	\$0	\$30,000
Subtotal				\$0	\$8,252,620	\$0	\$0	\$305,000	\$0	\$305,000	\$8,862,620
Total				\$529,157,936	\$16,374,457	\$4,000,000	\$0	\$29,171,402	\$1,193,839	\$229,785,072	\$818,786,263

2021 Transit Projects

Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	RTACAP	MAP	ICB	SCA	TDC	Local Funds	Total Cost
5307											
BAT	111201	BUY REPLACEMENT 40-FT BUS (4)	2019 - \$1,010,000	\$1,010,000	\$448,529	\$0	\$0	\$0	\$0	\$0	\$2,020,000
BAT	111240	ACQUIRE ASSOC CAP MAINT ITEMS	2019 - \$80,000	\$80,000	\$20,000	\$0	\$0	\$0	\$0	\$0	\$100,000
BAT	113403	TERMINAL, INTERMODAL (TRANSIT)	2020 - \$40,000	\$40,000	\$10,000	\$0	\$0	\$0	\$0	\$0	\$50,000
BAT	113404	REHAB/RENOVATE - BUS PARK & RIDE LOT	2020 - \$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	114220	ACQUIRE HVAC Intermodal and Admin Buildings	2020 - \$120,000	\$120,000	\$30,000	\$0	\$0	\$0	\$0	\$0	\$150,000
BAT	114402	REHAB/RENOVATE - MAINTENANCE FACILITY	2020 - \$40,000	\$40,000	\$10,000	\$0	\$0	\$0	\$0	\$0	\$50,000
BAT	114405	REHAB/RENOVATE - YARDS AND SHOPS	2019 - \$75,340; 2020 - \$204,660	\$280,000	\$70,000	\$0	\$0	\$0	\$0	\$0	\$350,000
BAT	116203	PURCHASE RADIOS	2020 - \$120,000	\$120,000	\$30,000	\$0	\$0	\$0	\$0	\$0	\$150,000
BAT	300901	OPERATING ASSISTANCE - Operating/PM/ADA	2020 - \$2,500,000	\$2,500,000	\$0	\$0	\$0	\$2,500,000	\$0	\$0	\$5,000,000
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
BRTA	114406	REHAB/RENOVATE - SHOP EQUIPMENT		\$20,000	\$5,000	\$0	\$0	\$0	\$0	\$0	\$25,000
CATA	117A00	PREVENTIVE MAINTENANCE	2020 - \$285,000	\$285,000	\$0	\$0	\$0	\$0	\$0	\$71,250	\$356,250
CATA	114206	ACQUIRE - SHOP EQ/COMP/SFTWR	2020 - \$55,000	\$55,000	\$13,750	\$0	\$0	\$0	\$0	\$0	\$68,750
CCRTA	111203	BUY REPLACEMENT 30-FT BUS	2020 - \$1,206,371	\$1,206,371	\$301,593	\$0	\$0	\$0	\$0	\$0	\$1,507,964
CCRTA	111204	BUY REPLACEMENT <30 FT BUS	2020 - \$190,960	\$190,960	\$47,740	\$0	\$0	\$0	\$0	\$0	\$238,700
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 - \$5,093,676	\$5,093,676	\$0	\$0	\$0	\$1,273,419	\$0	\$0	\$6,367,095
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	\$80,000	\$20,000	\$0	\$0	\$0	\$0	\$0	\$100,000
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
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 (NMC0G) 2021	2020 - \$88,000	\$88,000	\$0	\$0	\$0	\$0	\$0	\$22,000	\$110,000
LRTA	111215	BUY REPLACEMENT FIXED ROUTE VANS (2)	2016 - \$172,500	\$184,000	\$46,000	\$0	\$0	\$0	\$0	\$0	\$230,000
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
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		\$48,000	\$12,000	\$0	\$0	\$0	\$0	\$0	\$60,000
MART	111215	BUY REPLACEMENT VAN (5)		\$272,000	\$68,000	\$0	\$0	\$0	\$0	\$0	\$340,000
MART	111203	BUY REPLACEMENT 30-FT BUS (2)		\$680,000	\$170,000	\$0	\$0	\$0	\$0	\$0	\$850,000
MART	114401	REHAB/RENOVATE - ADMINISTRATIVE FACILITY		\$120,000	\$30,000	\$0	\$0	\$0	\$0	\$0	\$150,000
MBTA	121200	Revenue Vehicle Program - 5307		\$81,761,933	\$0	\$0	\$0	\$0	\$0	\$20,440,483	\$102,202,416
MBTA	126301	Signals/Systems Upgrade Program - 5307		\$64,360,000	\$0	\$0	\$0	\$0	\$0	\$16,090,000	\$80,450,000
MVRTA	117C00	NON FIXED ROUTE ADA PARA SERV	2020 - \$1,300,000	\$1,300,000	\$0	\$0	\$0	\$325,000	\$0	\$0	\$1,625,000
MVRTA	113403	TERMINAL, INTERMODAL (TRANSIT) - BLANDIN	2020 - \$150,000	\$150,000	\$37,500	\$0	\$0	\$0	\$0	\$0	\$187,500
MVRTA	114200	ACQUISITION OF BUS SUPPORT EQUIP/FACILITIES	2020 - \$248,415	\$248,415	\$62,104	\$0	\$0	\$0	\$0	\$0	\$310,519
MVRTA	440000	Mobility Management	2020 - \$25,000	\$25,000	\$6,250	\$0	\$0	\$0	\$0	\$0	\$31,250
MVRTA	114211	SGR Replace 1 model yr 2016 supervisory vehicle		\$38,320	\$9,580	\$0	\$0	\$0	\$0	\$0	\$47,900
MVRTA	117A00	PREVENTIVE MAINTENANCE		\$2,708,415	\$0	\$0	\$0	\$677,105	\$0	\$0	\$3,385,520
MVRTA	117C00	NON FIXED ROUTE ADA PARA SERV		\$1,186,090	\$0	\$0	\$0	\$296,520	\$0	\$0	\$1,482,610
MVRTA	442400	SHORT RANGE TRANSIT PLANNING		\$80,000	\$0	\$0	\$0	\$0	\$0	\$20,000	\$100,000
MVRTA	300901	OPERATING ASSISTANCE		\$458,725	\$0	\$0	\$0	\$458,725	\$0	\$0	\$917,450
MVRTA	111215	Replace 16 Model Yr 2015 vans with new		\$948,250	\$237,060	\$0	\$0	\$0	\$0	\$0	\$1,185,310

2021 Transit Projects

Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	RTACAP	MAP	ICB	SCA	TDC	Local Funds	Total Cost
PVTA	119402	Bus Shelters, Benches, Trash Receptacles	2020 - \$82,969	\$82,969	\$20,742	\$0	\$0	\$0	\$0	\$0	\$103,711
PVTA	119408	Bus Stop Signage and Lighting	2020 - \$16,000	\$16,000	\$4,000	\$0	\$0	\$0	\$0	\$0	\$20,000
PVTA	111201	Buy Replacement 35-FT Buses (16)	2020 - \$2,285,222	\$2,285,222	\$4,676,383	\$0	\$0	\$0	\$0	\$0	\$9,352,766
PVTA	119406	Bicycle access equipment for buses and shelters	2020 - \$5,600	\$5,600	\$1,400	\$0	\$0	\$0	\$0	\$0	\$7,000
PVTA	116202	Information Technology Systems	2020 - \$2,338,688	\$2,338,688	\$584,672	\$0	\$0	\$0	\$0	\$0	\$2,923,360
PVTA	440000	PLANNING	2020 - \$196,000	\$196,000	\$0	\$0	\$0	\$49,000	\$0	\$0	\$245,000
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 - \$5,380,930	\$5,380,930	\$0	\$0	\$0	\$1,345,233	\$0	\$0	\$6,726,163
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	\$5,741,233	\$0	\$0	\$11,121,998
SRTA	300900	ADA OPERATING ASSISTANCE	2019 - \$147,457; 2020 - \$12,543	\$160,000	\$0	\$0	\$0	\$40,000	\$0	\$0	\$200,000
SRTA	117A00	PREVENTIVE MAINTENANCE	2019 - \$800,000	\$800,000	\$0	\$0	\$0	\$200,000	\$0	\$0	\$1,000,000
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	2019 - \$19,399; 2020 - \$20,601	\$40,000	\$10,000	\$0	\$0	\$0	\$0	\$0	\$50,000
SRTA	111202	BUY REPLACEMENT 35-FT BUS	2018 - \$217,522; 2019 - \$29,686	\$247,208	\$61,802	\$0	\$0	\$0	\$0	\$0	\$309,010
WRTA	111201	BUY REPLACEMENT 40-FT BUS		\$3,034,051	\$0	\$0	\$0	\$0	\$606,810	\$0	\$3,034,051
WRTA	114211	ACQUIRE - SUPPORT VEHICLES		\$28,000	\$7,000	\$0	\$0	\$0	\$0	\$0	\$35,000
WRTA	111215	Miscellaneous Equipment		\$103,834	\$25,958	\$0	\$0	\$0	\$0	\$0	\$129,792
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	114220	ACQUIRE - MISC SUPPORT EQUIPMENT		\$40,000	\$10,000	\$0	\$0	\$0	\$0	\$0	\$50,000
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
WRTA	300901	UP TO 50% FEDERAL SHARE		\$6,094,656	\$0	\$0	\$0	\$6,094,656	\$0	\$0	\$12,189,312
		Subtotal		\$211,214,255	\$8,313,171	\$0	\$0	\$27,828,367	\$606,810	\$39,864,616	\$290,173,041
5309											
MBTA	132303	Green Line Extension Project		\$100,000,000	\$0	\$0	\$0	\$0	\$0	\$100,000,000	\$200,000,000
		Subtotal		\$100,000,000	\$0	\$0	\$0	\$0	\$0	\$100,000,000	\$200,000,000
5310											
MassDOT	111200	Mobility Assistance Program		\$6,035,578	\$0	\$4,000,000	\$0	\$0	\$0	\$0	\$10,035,578
		Subtotal		\$6,035,578	\$0	\$4,000,000	\$0	\$0	\$0	\$0	\$10,035,578
5311											
VTA	300901	UP TO 50% FEDERAL SHARE		\$1,500,000	\$0	\$0	\$0	\$1,500,000	\$0	\$0	\$3,000,000
NRTA	300900	Rural Operating Assistance		\$593,550	\$0	\$0	\$0	\$0	\$0	\$593,550	\$1,187,100
		Subtotal		\$2,093,550	\$0	\$0	\$0	\$1,500,000	\$0	\$593,550	\$4,187,100
5337											
GATRA	123402	REHAB/RENOV - RAIL STATION	2018 - \$850,674	\$850,674	\$0	\$0	\$0	\$0	\$0	\$212,669	\$1,063,343
MBTA	123400	Stations and Facilities Program - 5337		\$85,893,004	\$0	\$0	\$0	\$0	\$0	\$21,473,251	\$107,366,255
MBTA	124400	Signals/Systems Upgrade Program - 5337		\$60,000,000	\$0	\$0	\$0	\$0	\$0	\$15,000,000	\$75,000,000
WRTA	113403	TERMINAL, INTERMODAL (TRANSIT)		\$2,494,589	\$0	\$0	\$0	\$0	\$0	\$623,647	\$3,118,236
		Subtotal		\$149,238,267	\$0	\$0	\$0	\$0	\$0	\$37,309,567	\$186,547,834
5339											
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	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
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
MBTA	111400	Bus Program - 5339		\$5,683,653	\$0	\$0	\$0	\$0	\$0	\$1,420,913	\$7,104,566
PVTA	111202	Buy Replacement 40-FT Buses (17)	2020 - \$1,458,609; 2020 - \$885,729	\$885,729	\$5,019,404	\$0	\$0	\$0	\$0	\$0	\$10,038,808
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
WRTA	111201	BUY REPLACEMENT 40-FT BUS		\$475,475	\$0	\$0	\$0	\$0	\$95,095	\$0	\$475,475

2021 Transit Projects

Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	RTACAP	MAP	ICB	SCA	TDC	Local Funds	Total Cost
5320			Subtotal	\$10,385,176	\$5,424,195	\$0	\$0	\$0	\$95,095	\$1,851,203	\$21,794,249
			Subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other Federal											
MBTA	126301	PTC - RRIF/TIFIA Financing		\$382,000,000	\$0	\$0	\$0	\$0	\$0	\$95,500,000	\$477,500,000
			Subtotal	\$382,000,000	\$0	\$0	\$0	\$0	\$0	\$95,500,000	\$477,500,000
Other Non-Federal											
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
FRTA	114220	On board AVL/CAD tablets - 25		\$0	\$12,500	\$0	\$0	\$0	\$0	\$0	\$12,500
FRTA	111240	BUY ASSOC CAP MAINT ITEMS		\$0	\$15,000	\$0	\$0	\$0	\$0	\$0	\$15,000
MassDOT	900000	Transit Technical Assistance		\$0	\$2,000,000	\$0	\$0	\$0	\$0	\$0	\$2,000,000
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	\$10,000	\$0	\$0	\$0	\$0	\$0	\$10,000
NRTA	995000	TRAVELER INFORMATION		\$0	\$37,620	\$0	\$0	\$0	\$0	\$0	\$37,620
NRTA	114407	REHAB/RENOVATE - ADP HARDWARE		\$0	\$15,000	\$0	\$0	\$0	\$0	\$0	\$15,000
PVTA	114411	Replace Supervisory Vehicles (2)		\$0	\$50,000	\$0	\$0	\$0	\$0	\$0	\$50,000
PVTA	114406	Purchase/Replace Shop Equipment		\$0	\$110,000	\$0	\$0	\$0	\$0	\$0	\$110,000
PVTA	114402	Environmental Compliance		\$0	\$75,000	\$0	\$0	\$0	\$0	\$0	\$75,000
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
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
VTA	111215	BUY REPLACEMENT VAN		\$0	\$78,000	\$0	\$0	\$0	\$0	\$0	\$78,000
			Subtotal	\$0	\$4,798,120	\$0	\$0	\$305,000	\$0	\$305,000	\$5,408,120
Total				\$860,966,826	\$18,535,486	\$4,000,000	\$0	\$29,633,367	\$701,905	\$275,423,936	\$1,195,645,922

2022 Transit Projects

Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	RTACAP	MAP	ICB	SCA	TDC	Local Funds	Total Cost
5307											
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 - \$80,000	\$80,000	\$20,000	\$0	\$0	\$0	\$0	\$0	\$100,000
BAT	114211	ACQUIRE - REPLACEMENT SUPPORT VEHICLE (1)	2021 - \$36,000	\$36,000	\$9,000	\$0	\$0	\$0	\$0	\$0	\$45,000
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 - Operating/PM/ADA	2021 - \$1,931,908	\$2,500,000	\$0	\$0	\$0	\$2,500,000	\$0	\$0	\$5,000,000
BAT	111201	BUY REPLACEMENT 40-FT BUS (3)	2020 - \$98,576; 2021 - \$651,424	\$750,000	\$750,000	\$0	\$0	\$0	\$0	\$0	\$1,500,000
BAT	113403	TERMINAL, INTERMODAL (TRANSIT) - Pavement Management	2021 - \$200,000	\$200,000	\$50,000	\$0	\$0	\$0	\$0	\$0	\$250,000
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
CATA	117A00	PREVENTIVE MAINTENANCE	2021 - \$285,000	\$285,000	\$0	\$0	\$0	\$0	\$0	\$71,250	\$356,250
CATA	114206	ACQUIRE - SHOP EQUIPMENT	2021 - \$55,000	\$55,000	\$13,750	\$0	\$0	\$0	\$0	\$0	\$68,750
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 - \$5,195,550	\$5,195,550	\$0	\$0	\$0	\$1,298,887	\$0	\$0	\$6,494,437
CCRTA	111203	BUY REPLACEMENT 30-FT BUS	2021 - \$1,242,561	\$1,242,561	\$310,640	\$0	\$0	\$0	\$0	\$0	\$1,553,201
CCRTA	111204	BUY REPLACEMENT <30 FT BUS	2021 - \$196,692	\$196,692	\$49,173	\$0	\$0	\$0	\$0	\$0	\$245,865
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
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
LRTA	300901	UP TO 50% FEDERAL SHARE	2020 - \$1,122,187; 2021 - \$1,146,272	\$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
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
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		\$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
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
MBTA	121200	Revenue Vehicle Program - 5307		\$146,121,933	\$0	\$0	\$0	\$0	\$0	\$36,530,483	\$182,652,416
MVRTA	117A00	PREVENTIVE MAINTENANCE		\$2,791,165	\$0	\$0	\$0	\$697,790	\$0	\$0	\$3,488,955
MVRTA	117C00	NON FIXED ROUTE ADA PARA SERV		\$1,223,170	\$0	\$0	\$0	\$305,790	\$0	\$0	\$1,528,960
MVRTA	442400	SHORT RANGE TRANSIT PLANNING		\$80,000	\$0	\$0	\$0	\$0	\$0	\$20,000	\$100,000
MVRTA	300901	OPERATING ASSISTANCE		\$473,985	\$0	\$0	\$0	\$473,985	\$0	\$0	\$947,970
MVRTA	111202	Replace Model Yr 2009 buses delivery 2022 7of 9		\$2,647,650	\$661,915	\$0	\$0	\$0	\$0	\$0	\$3,309,565
MVRTA	117C00	NON FIXED ROUTE ADA PARA SERV	2021 - \$1,300,000	\$1,300,000	\$0	\$0	\$0	\$325,000	\$0	\$0	\$1,625,000
MVRTA	114200	ACQUISITION OF BUS SUPPORT EQUIP/FACILITIES	2021 - \$248,415	\$248,415	\$62,104	\$0	\$0	\$0	\$0	\$0	\$310,519
MVRTA	113403	TERMINAL, INTERMODAL (TRANSIT) - BLANDIN	2021 - \$150,000	\$150,000	\$37,500	\$0	\$0	\$0	\$0	\$0	\$187,500
MVRTA	440000	Mobility Management	2021 - \$25,000	\$25,000	\$6,250	\$0	\$0	\$0	\$0	\$0	\$31,250
PVTA	111201	Purchase 40' Replacement Buses (15)	2021 - \$2,410,075; 2021 - \$888,729	\$2,410,075	\$1,824,701	\$0	\$0	\$0	\$0	\$0	\$9,123,505
PVTA	111202	Replace 35' Buses (10)	2021 - \$989,313	\$989,313	\$1,204,169	\$0	\$0	\$0	\$0	\$0	\$6,020,843
PVTA	119402	Purchase Shelters and shelter accessories	2021 - \$82,969	\$82,969	\$20,742	\$0	\$0	\$0	\$0	\$0	\$103,711
PVTA	119408	Signage & Lighting	2021 - \$16,000	\$16,000	\$4,000	\$0	\$0	\$0	\$0	\$0	\$20,000
PVTA	119406	Bike Access for shelters and Buses	2021 - \$5,600	\$5,600	\$1,400	\$0	\$0	\$0	\$0	\$0	\$7,000
PVTA	116202	Information Technology Systems	2021 - \$2,521,702	\$2,521,702	\$630,425	\$0	\$0	\$0	\$0	\$0	\$3,152,127

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	117A00	Preventive Maintenance	2021 - \$5,542,358	\$5,542,358	\$0	\$0	\$0	\$1,385,590	\$0	\$0	\$6,927,948
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 - \$196,000	\$196,000	\$0	\$0	\$0	\$49,000	\$0	\$0	\$245,000
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
SRTA	117A00	PREVENTIVE MAINTENANCE	2020 - \$800,000	\$800,000	\$0	\$0	\$0	\$200,000	\$0	\$0	\$1,000,000
SRTA	300901	UP TO 50% FEDERAL SHARE	2019 - \$5,993,300	\$5,993,300	\$0	\$0	\$0	\$5,993,300	\$0	\$0	\$11,986,600
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)	2020 - \$172,324; 2021 - \$1,827,676	\$2,000,000	\$500,000	\$0	\$0	\$0	\$0	\$0	\$2,500,000
WRTA	114220	ACQUIRE - MISC SUPPORT EQUIPMENT		\$41,200	\$10,300	\$0	\$0	\$0	\$0	\$0	\$51,500
WRTA	111201	BUY REPLACEMENT 40-FT BUS		\$3,169,678	\$0	\$0	\$0	\$0	\$633,936	\$0	\$3,169,678
WRTA	114211	ACQUIRE - SUPPORT VEHICLES		\$28,000	\$7,000	\$0	\$0	\$0	\$0	\$0	\$35,000
WRTA	111215	MISCELLANEOUS EQUIPMENT		\$107,987	\$26,997	\$0	\$0	\$0	\$0	\$0	\$134,984
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
WRTA	300901	UP TO 50% FEDERAL SHARE		\$6,277,496	\$0	\$0	\$0	\$6,277,496	\$0	\$0	\$12,554,992
			Subtotal	\$214,352,206	\$7,271,831	\$0	\$0	\$28,506,187	\$633,936	\$39,793,071	\$298,639,385
MBTA	133302	Green Line Extension		\$46,121,000	\$0	\$0	\$0	\$0	\$0	\$46,121,000	\$92,242,000
			Subtotal	\$46,121,000	\$0	\$0	\$0	\$0	\$0	\$46,121,000	\$92,242,000
MassDOT	111200	Mobility Assistance Program		\$6,035,578	\$0	\$4,000,000	\$0	\$0	\$0	\$0	\$10,035,578
			Subtotal	\$6,035,578	\$0	\$4,000,000	\$0	\$0	\$0	\$0	\$10,035,578
NRTA	300900	Rural Operating Assistance		\$605,955	\$0	\$0	\$0	\$0	\$0	\$605,955	\$1,211,910
VTA	300901	UP TO 50% FEDERAL SHARE		\$1,500,000	\$0	\$0	\$0	\$1,500,000	\$0	\$0	\$3,000,000
			Subtotal	\$2,105,955	\$0	\$0	\$0	\$1,500,000	\$0	\$605,955	\$4,211,910
GATRA	123402	REHAB/RENOV - RAIL STATION	2019 - \$863,434	\$863,434	\$0	\$0	\$0	\$0	\$0	\$215,859	\$1,079,293
MBTA	122405	Bridge & Tunnel Program - 5337		\$80,000,000	\$0	\$0	\$0	\$0	\$0	\$20,000,000	\$100,000,000
MBTA	123400	Stations and Facilities Program - 5337		\$25,893,004	\$0	\$0	\$0	\$0	\$0	\$6,473,251	\$32,366,255
MBTA	126301	Signals/Systems Upgrade Program - 5337		\$40,000,000	\$0	\$0	\$0	\$0	\$0	\$10,000,000	\$50,000,000
WRTA	113403	TERMINAL, INTERMODAL (TRANSIT)		\$2,519,535	\$0	\$0	\$0	\$0	\$0	\$629,884	\$3,149,419
			Subtotal	\$149,275,973	\$0	\$0	\$0	\$0	\$0	\$37,318,994	\$186,594,967
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	114220	ACQUIRE - MISC SUPPORT EQUIPMENT	2020 - \$60,000	\$60,000	\$15,000	\$0	\$0	\$0	\$0	\$0	\$75,000
MassDOT	111200	Bus and Bus Facilities (Statewide)		\$1,721,158	\$0	\$0	\$0	\$0	\$0	\$430,290	\$2,151,448
MBTA	111400	Bus Program - 5339		\$5,683,653	\$0	\$0	\$0	\$0	\$0	\$1,420,913	\$7,104,566
WRTA	111201	BUY REPLACEMENT 40-FT BUS		\$480,230	\$0	\$0	\$0	\$0	\$96,046	\$0	\$480,230
			Subtotal	\$8,025,681	\$35,160	\$0	\$0	\$0	\$96,046	\$1,851,203	\$9,912,044
5320			Subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other Federal			Subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other Non-Federal			Subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
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
FRTA	111204	BUY REPLACEMENT <30 FT BUS		\$0	\$645,000	\$0	\$0	\$0	\$0	\$0	\$645,000
FRTA	111240	BUY ASSOC CAP MAINT ITEMS		\$0	\$15,000	\$0	\$0	\$0	\$0	\$0	\$15,000

2022 Transit Projects

Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	RTACAP	MAP	ICB	SCA	TDC	Local Funds	Total Cost
MassDOT	900000	Transit Technical Assistance		\$0	\$2,000,000	\$0	\$0	\$0	\$0	\$0	\$2,000,000
NRTA	111204	BUY REPLACEMENT <30 FT BUS		\$0	\$1,120,000	\$0	\$0	\$0	\$0	\$0	\$1,120,000
NRTA	995000	TRAVELER INFORMATION		\$0	\$37,260	\$0	\$0	\$0	\$0	\$0	\$37,260
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	\$85,000	\$0	\$0	\$0	\$0	\$0	\$85,000
PVTA	114211	Purchase replacement support vehicles (3)		\$0	\$148,000	\$0	\$0	\$0	\$0	\$0	\$148,000
PVTA	114411	Replace Supervisory Vehicles (4)		\$0	\$25,000	\$0	\$0	\$0	\$0	\$0	\$25,000
PVTA	114402	Environmental Compliance		\$0	\$75,000	\$0	\$0	\$0	\$0	\$0	\$75,000
PVTA	111215	Purchase Replacement Vans (24)		\$0	\$1,783,933	\$0	\$0	\$0	\$0	\$0	\$1,783,933
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
VTA	113210	ACQUIRE - BUS PASSENGER SHELTERS		\$0	\$50,000	\$0	\$0	\$0	\$0	\$0	\$50,000
VTA	111203	BUY REPLACEMENT 30-FT BUS		\$0	\$500,000	\$0	\$0	\$0	\$0	\$0	\$500,000
VTA	111215	BUY REPLACEMENT VAN		\$0	\$80,000	\$0	\$0	\$0	\$0	\$0	\$80,000
VTA	111202	BUY REPLACEMENT 35-FT BUS (1)		\$0	\$450,000	\$0	\$0	\$0	\$0	\$0	\$450,000
		Subtotal		\$0	\$7,672,193	\$0	\$0	\$305,000	\$0	\$305,000	\$8,282,193
		Total		\$425,916,393	\$14,979,184	\$4,000,000	\$0	\$30,311,187	\$729,982	\$125,995,223	\$609,918,077

2023 Transit Projects

Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	RTACAP	MAP	ICB	SCA	TDC	Local Funds	Total Cost
5307											
BAT	114220	ACQUIRE - MISC SUPPORT EQUIPMENT	2022 - \$80,000	\$80,000	\$20,000	\$0	\$0	\$0	\$0	\$0	\$100,000
BAT	114211	ACQUIRE - SUPPORT VEHICLES	2022 - \$36,000	\$36,000	\$9,000	\$0	\$0	\$0	\$0	\$0	\$45,000
BAT	111202	BUY REPLACEMENT 35-FT BUS (6)	2022 - \$600,000	\$600,000	\$2,400,000	\$0	\$0	\$0	\$0	\$0	\$3,000,000
BAT	114301	CONSTRUCT - ADMINISTRATIVE BUILDING	2022 - \$480,000	\$480,000	\$120,000	\$0	\$0	\$0	\$0	\$0	\$600,000
BAT	300900	OPERATING ASSISTANCE - Operating/PW/ADA	2022 - \$654,221	\$2,500,000	\$0	\$0	\$0	\$2,500,000	\$0	\$0	\$5,000,000
BAT	111340	BUY ASSOC CAP MAINT ITEMS	2022 - \$80,000	\$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	114211	SUPPORT VEHICLES plow truck and sedan		\$80,000	\$20,000	\$0	\$0	\$0	\$0	\$0	\$100,000
BRTA	111204	BUY REPLACEMENT <30 FT BUS 5 Fixed Route Mini Buses		\$400,000	\$100,000	\$0	\$0	\$0	\$0	\$0	\$500,000
CATA	117A00	PREVENTIVE MAINTENANCE	2022 - \$285,000	\$285,000	\$0	\$0	\$0	\$0	\$0	\$71,250	\$356,250
CATA	111203	Replace Two 30-FT BUS	2019 - \$175,000; 2020 - \$175,000; 2021 - \$175,000; 2022 - \$175,000	\$700,000	\$175,000	\$0	\$0	\$0	\$0	\$0	\$875,000
CATA	114403	Rehab/Reno-repave parking lot (match in 24)		\$80,000	\$0	\$0	\$0	\$0	\$0	\$0	\$80,000
CCRTA	114207	ACQUIRE - ADP HARDWARE	2022 - \$24,960	\$24,960	\$6,240	\$0	\$0	\$0	\$0	\$0	\$31,200
CCRTA	442400	SHORT RANGE TRANSIT PLANNING	2022 - \$40,000	\$40,000	\$10,000	\$0	\$0	\$0	\$0	\$0	\$50,000
CCRTA	114401	REHAB/RENOVATE - ADMINISTRATIVE FACILITY	2022 - \$80,000	\$80,000	\$20,000	\$0	\$0	\$0	\$0	\$0	\$100,000
CCRTA	111203	BUY REPLACEMENT 30-FT BUS	2022 - \$1,242,561	\$1,242,561	\$310,640	\$0	\$0	\$0	\$0	\$0	\$1,553,201
CCRTA	111204	BUY REPLACEMENT <30 FT BUS	2022 - \$196,692	\$196,692	\$49,173	\$0	\$0	\$0	\$0	\$0	\$245,865
CCRTA	117L00	MOBILITY MANAGEMENT	2022 - \$1,332,475	\$1,332,475	\$0	\$0	\$0	\$333,119	\$0	\$0	\$1,665,594
CCRTA	117C00	NON FIXED ROUTE ADA PARA SERV	2022 - \$587,511	\$587,511	\$0	\$0	\$0	\$146,877	\$0	\$0	\$734,388
CCRTA	300901	UP TO 50% FEDERAL SHARE	2022 - \$600,000	\$600,000	\$0	\$0	\$0	\$600,000	\$0	\$0	\$1,200,000
CCRTA	117A00	PREVENTIVE MAINTENANCE	2022 - \$5,299,461	\$5,299,461	\$0	\$0	\$0	\$1,324,865	\$0	\$0	\$6,624,326
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
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
LRTA	114220	Terminal& Building Equipment and Maintenance	2022 - \$50,000	\$50,000	\$50,000	\$0	\$0	\$0	\$0	\$0	\$100,000
LRTA	111240	BUY CAP MAINT ITEMS (ITS EQUIPMENT)	2021 - \$7,500	\$7,500	\$7,500	\$0	\$0	\$0	\$0	\$0	\$15,000
LRTA	111215	BUY REPLACEMENT FIXED ROUTE 35FT BUS (1)	2021 - \$275,000	\$275,000	\$275,000	\$0	\$0	\$0	\$0	\$0	\$550,000
LRTA	300901	OPERATING ASSISTANCE 2023	2021 - \$1,491,476	\$1,491,476	\$0	\$0	\$0	\$3,770,326	\$0	\$3,236,318	\$8,498,120
LRTA	117A00	PREVENTIVE MAINTENANCE 2023	2021 - \$363,977; 2022 - \$1,405,520	\$1,769,497	\$0	\$0	\$0	\$442,374	\$0	\$0	\$2,211,871
LRTA	442400	SHORT RANGE TRANSIT PLANNING 2023	2022 - \$88,000	\$88,000	\$0	\$0	\$0	\$0	\$0	\$22,000	\$110,000
LRTA	111240	BUY ASSOC CAP MAINT ITEMS (SPARE PARTS)	2022 - \$65,000	\$65,000	\$65,000	\$0	\$0	\$0	\$0	\$0	\$130,000
MART	111215	BUY REPLACEMENT VAN		\$280,000	\$70,000	\$0	\$0	\$0	\$0	\$0	\$350,000
MART	114401	REHAB/RENOVATE - ADMINISTRATIVE FACILITY		\$40,000	\$10,000	\$0	\$0	\$0	\$0	\$0	\$50,000
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
MART	113404	REHAB/RENOVATE - BUS PARK & RIDE LOT		\$200,000	\$50,000	\$0	\$0	\$0	\$0	\$0	\$250,000
MART	113404	REHAB/RENOVATE - BUS PARK & RIDE LOT		\$200,000	\$50,000	\$0	\$0	\$0	\$0	\$0	\$250,000
MART	113404	REHAB/RENOVATE - BUS PARK & RIDE LOT		\$40,000	\$10,000	\$0	\$0	\$0	\$0	\$0	\$50,000
MBTA	121200	Revenue Vehicle Program - 5307		\$146,121,933	\$0	\$0	\$0	\$0	\$0	\$36,530,483	\$182,652,416
MVRTA	117A00	PREVENTIVE MAINTENANCE		\$2,771,250	\$0	\$0	\$0	\$692,810	\$0	\$0	\$3,464,060
MVRTA	300901	OPERATING ASSISTANCE		\$384,555	\$0	\$0	\$0	\$384,555	\$0	\$0	\$769,110
MVRTA	117C00	NON FIXED ROUTE ADA PARA SERV		\$1,156,215	\$0	\$0	\$0	\$289,055	\$0	\$0	\$1,445,270
MVRTA	111202	Replace 2 Model Yr 2009 buses delivery 2023		\$779,130	\$194,780	\$0	\$0	\$0	\$0	\$0	\$973,910
MVRTA	111215	Replace 6 model yr 2017 vans delivery 2023	2022 - \$377,010	\$377,010	\$94,250	\$0	\$0	\$0	\$0	\$0	\$471,260
MVRTA	442400	SHORT RANGE TRANSIT PLANNING		\$80,000	\$0	\$0	\$0	\$0	\$0	\$20,000	\$100,000
MVRTA	117C00	NON FIXED ROUTE ADA PARA SERV	2022 - \$1,300,000	\$1,300,000	\$0	\$0	\$0	\$325,000	\$0	\$0	\$1,625,000
MWRTA	114200	ACQUISITION OF BUS SUPPORT EQUIP/FACILITIES	2022 - \$248,415	\$248,415	\$62,104	\$0	\$0	\$0	\$0	\$0	\$310,519
MWRTA	440000	Mobility Management	2022 - \$25,000	\$25,000	\$6,250	\$0	\$0	\$0	\$0	\$0	\$31,250

2023 Transit Projects

Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	RTACAP	MAP	ICB	SCA	TDC	Local Funds	Total Cost
MVRTA	113403	TERMINAL, INTERMODAL (TRANSIT) - BLANDIN	2022 - \$150,000	\$150,000	\$37,500	\$0	\$0	\$0	\$0	\$0	\$187,500
PVTA	111201	Purchase 40' Replacement Buses (17)	2022 - \$1,530,820; 2022 - \$902,060	\$1,530,820	\$5,325,086	\$0	\$0	\$0	\$0	\$0	\$10,650,172
PVTA	111202	Purchase 35' Replacement Buses (8)	2022 - \$2,480,587	\$2,480,587	\$2,480,587	\$0	\$0	\$0	\$0	\$0	\$4,961,174
PVTA	119302	Purchase Bus Shelters, benches, trash receptacles, etc.	2022 - \$84,538	\$84,538	\$21,134	\$0	\$0	\$0	\$0	\$0	\$105,672
PVTA	119306	Purchase and replace bicycle equipment for shelters and buses	2022 - \$5,600	\$5,600	\$1,400	\$0	\$0	\$0	\$0	\$0	\$7,000
PVTA	119308	Purchase & Replace signage and lighting	2022 - \$16,000	\$16,000	\$4,000	\$0	\$0	\$0	\$0	\$0	\$20,000
PVTA	116220	Information Technology Systems	2022 - \$1,914,305	\$1,914,305	\$478,576	\$0	\$0	\$0	\$0	\$0	\$2,392,881
PVTA	442400	Transportation planning	2022 - \$200,000	\$200,000	\$0	\$0	\$0	\$50,000	\$0	\$0	\$250,000
PVTA	117C00	ADA service subsidy	2022 - \$1,326,720	\$1,326,720	\$0	\$0	\$0	\$331,680	\$0	\$0	\$1,658,400
PVTA	117A00	Preventive Maintenance	2022 - \$5,708,629	\$5,708,629	\$0	\$0	\$0	\$1,427,157	\$0	\$0	\$7,135,786
SRTA	442400	SHORT RANGE TRANSIT PLANNING	2021 - \$96,000	\$96,000	\$0	\$0	\$0	\$0	\$0	\$24,000	\$120,000
SRTA	300900	ADA OPERATING ASSISTANCE	2021 - \$200,000	\$200,000	\$0	\$0	\$0	\$50,000	\$0	\$0	\$250,000
SRTA	114207	ACQUIRE - ADP HARDWARE / Software	2021 - \$625,497; 2022 - \$12,543	\$638,040	\$159,510	\$0	\$0	\$0	\$0	\$0	\$797,550
SRTA	117A00	PREVENTIVE MAINTENANCE	2021 - \$800,000	\$800,000	\$0	\$0	\$0	\$200,000	\$0	\$0	\$1,000,000
SRTA	300901	UP TO 50% FEDERAL SHARE	2021 - \$1,985,432; 2022 - \$4,007,868	\$5,993,300	\$0	\$0	\$0	\$5,993,300	\$0	\$0	\$11,986,600
SRTA	114211	ACQUIRE - SUPPORT VEHICLES	2021 - \$44,000	\$44,000	\$11,000	\$0	\$0	\$0	\$0	\$0	\$55,000
SRTA	111215	BUY REPLACEMENT VAN	2021 - \$60,000	\$60,000	\$15,000	\$0	\$0	\$0	\$0	\$0	\$75,000
SRTA	111202	BUY REPLACEMENT 35-FT BUS (2.55)	2021 - \$1,777,222	\$1,777,222	\$444,306	\$0	\$0	\$0	\$0	\$0	\$2,221,528
WRTA	111201	BUY REPLACEMENT 40-FT BUS (6)		\$3,943,525	\$0	\$0	\$0	\$0	\$788,705	\$0	\$3,943,525
WRTA	114211	ACQUIRE - SUPPORT VEHICLES		\$88,000	\$22,000	\$0	\$0	\$0	\$0	\$0	\$110,000
WRTA	114220	ACQUIRE - MISC SUPPORT EQUIPMENT		\$44,301	\$11,075	\$0	\$0	\$0	\$0	\$0	\$55,376
WRTA	111215	MISCELLANEOUS EQUIPMENT		\$121,666	\$30,416	\$0	\$0	\$0	\$0	\$0	\$152,082
WRTA	111240	BUY ASSOC CAP MAINT ITEMS		\$206,028	\$51,507	\$0	\$0	\$0	\$0	\$0	\$257,535
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	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		\$12,000	\$3,000	\$0	\$0	\$0	\$0	\$0	\$15,000
WRTA	300901	UP TO 50% FEDERAL SHARE		\$6,465,821	\$0	\$0	\$0	\$6,465,821	\$0	\$0	\$12,931,642
			Subtotal	\$214,019,743	\$13,375,534	\$0	\$0	\$28,971,939	\$788,705	\$40,044,051	\$300,205,533
5309			Subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5310											
MassDOT	111200	Mobility Assistance Program		\$6,035,578	\$0	\$4,000,000	\$0	\$0	\$0	\$0	\$10,035,578
			Subtotal	\$6,035,578	\$0	\$4,000,000	\$0	\$0	\$0	\$0	\$10,035,578
5311											
VTA	300901	UP TO 50% FEDERAL SHARE		\$1,750,000	\$0	\$0	\$0	\$0	\$0	\$0	\$1,750,000
NRTA	300900	Rural Operating Assistance		\$618,620	\$0	\$0	\$0	\$0	\$0	\$618,620	\$1,237,240
			Subtotal	\$2,368,620	\$0	\$0	\$0	\$0	\$0	\$618,620	\$2,987,240
5337											
GATRA	123402	REHAB/RENOV - RAIL STATION		\$863,434	\$0	\$0	\$0	\$0	\$0	\$215,859	\$1,079,293
MBTA	122405	Bridge and Tunnel Program - 5337		\$83,270,751	\$0	\$0	\$0	\$0	\$0	\$20,817,688	\$104,088,439
MBTA	123402	Elevator and Escalator Program - 5337		\$62,622,254	\$0	\$0	\$0	\$0	\$0	\$15,655,563	\$78,277,817
WRTA	113403	TERMINAL, INTERMODAL (TRANSIT)		\$2,544,730	\$0	\$0	\$0	\$0	\$0	\$636,182	\$3,180,912
			Subtotal	\$149,301,169	\$0	\$0	\$0	\$0	\$0	\$37,325,292	\$186,626,461
5339											
CCRTA	119302	CONSTRUCTION - BUS SHELTERS	2022 - \$15,200	\$15,200	\$3,800	\$0	\$0	\$0	\$0	\$0	\$19,000
CCRTA	114220	ACQUIRE - MISC SUPPORT EQUIPMENT	2022 - \$60,000	\$60,000	\$15,000	\$0	\$0	\$0	\$0	\$0	\$75,000
MassDOT	111200	Bus and Bus Facilities (Statewide)		\$3,749,029	\$0	\$0	\$0	\$0	\$0	\$3,749,029	\$7,498,058
MBTA	111400	Bus Program - 5339		\$5,683,653	\$0	\$0	\$0	\$0	\$0	\$1,420,913	\$7,104,566
SRTA	111202	BUY REPLACEMENT 35-FT BUS (.45)	2021 - \$150,262; 2022 - \$152,516	\$302,778	\$75,695	\$0	\$0	\$0	\$0	\$0	\$378,473
WRTA	111201	BUY REPLACEMENT 40-FT BUS (1)		\$485,032	\$0	\$0	\$0	\$0	\$97,006	\$0	\$485,032
			Subtotal	\$10,295,692	\$94,495	\$0	\$0	\$0	\$97,006	\$5,169,942	\$15,560,129

2023 Transit Projects

Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	RTACAP	MAP	ICB	SCA	TDC	Local Funds	Total Cost
5320											
			Subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other Federal											
			Subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other Non-Federal											
BAT	300900	OPERATING ASSISTANCE - Rockland		\$0	\$0	\$0	\$0	\$50,000	\$0	\$50,000	\$100,000
BAT	300900	OPERATING ASSISTANCE - Sunday Service		\$0	\$0	\$0	\$0	\$175,000	\$0	\$175,000	\$350,000
BAT	300900	OPERATING ASSISTANCE - Avon/Stoughton		\$0	\$0	\$0	\$0	\$30,000	\$0	\$30,000	\$60,000
BAT	300900	OPERATING ASSISTANCE - Saturday Evening		\$0	\$0	\$0	\$0	\$50,000	\$0	\$50,000	\$100,000
FRTA	114220	ACQUIRE - MISC SUPPORT EQUIPMENT		\$0	\$25,000	\$0	\$0	\$0	\$0	\$0	\$25,000
NRTA	111204	BUY REPLACEMENT <30 FT BUS		\$0	\$250,000	\$0	\$0	\$0	\$0	\$0	\$250,000
NRTA	995000	TRAVELER INFORMATION		\$0	\$40,000	\$0	\$0	\$0	\$0	\$0	\$40,000
NRTA	1000002	PREVENTIVE MAINTENANCE		\$0	\$20,000	\$0	\$0	\$0	\$0	\$0	\$20,000
NRTA	114306	CONSTRUCT - SHOP EQUIPMENT		\$0	\$25,000	\$0	\$0	\$0	\$0	\$0	\$25,000
VTA	114200	ACQUISITION OF BUS SUPPORT EQUIP/FACILITIES		\$0	\$75,000	\$0	\$0	\$0	\$0	\$0	\$75,000
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	113310	CONSTRUCT - BUS PASSENGER SHELTERS		\$0	\$50,000	\$0	\$0	\$0	\$0	\$0	\$50,000
VTA	111202	BUY REPLACEMENT 35-FT BUS (3)		\$0	\$1,380,000	\$0	\$0	\$0	\$0	\$0	\$1,380,000
VTA	114203	ACQUIRE - ADMIN/MAINT FACILITY		\$0	\$490,000	\$0	\$0	\$0	\$0	\$0	\$490,000
VTA	114211	ACQUIRE - SUPPORT VEHICLES		\$0	\$150,000	\$0	\$0	\$0	\$0	\$0	\$150,000
VTA	111215	BUY REPLACEMENT VAN - 2		\$0	\$180,000	\$0	\$0	\$0	\$0	\$0	\$180,000
FRTA	111240	BUY ASSOC CAP MAINT ITEMS		\$0	\$15,000	\$0	\$0	\$0	\$0	\$0	\$15,000
MassDOT	900000	Transit Technical Assistance		\$0	\$2,000,000	\$0	\$0	\$0	\$0	\$0	\$2,000,000
PVTA	111402	REHAB/RENOVATE - Environmental Compliance		\$0	\$75,000	\$0	\$0	\$0	\$0	\$0	\$75,000
PVTA	114402	Northampton Hydraulic Lift Project		\$0	\$750,000	\$0	\$0	\$0	\$0	\$0	\$750,000
PVTA	114400	Renovate Holyoke ITC Canopy & Pavement		\$0	\$500,000	\$0	\$0	\$0	\$0	\$0	\$500,000
PVTA	111215	Purchase Replacement Vans (9)		\$0	\$689,044	\$0	\$0	\$0	\$0	\$0	\$689,044
			Subtotal	\$0	\$6,784,044	\$0	\$0	\$305,000	\$0	\$305,000	\$7,394,044
			Total	\$382,020,802	\$20,254,073	\$4,000,000	\$0	\$29,276,939	\$885,711	\$83,462,905	\$522,808,985

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
BERKSHIRE					
603255	PITTSFIELD- BRIDGE REPLACEMENT, P-10-049, LAKEWAY DRIVE OVER ONOTA LAKE	Qualitative	No assumed impact/negligible impact on emissions	0	
606462	LENOX- RECONSTRUCTION & MINOR WIDENING ON WALKER STREET	Qualitative	Qualitative Decrease in Emissions	0	
606890	ADAMS- NORTH ADAMS- ASHUWILLTICOOK RAIL TRAIL EXTENSION TO ROUTE 8A (HODGES CROSS ROAD)	Qualitative	Qualitative Decrease in Emissions	0	
607254	NORTH ADAMS- WILLIAMSTOWN- MOHAWK BICYCLE/PEDESTRIAN TRAIL	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	4,369	
607760	PITTSFIELD- INTERSECTION & SIGNAL IMPROVEMENTS AT 9 LOCATIONS ALONG SR 8 & SR 9	Qualitative	Qualitative Decrease in Emissions	0	Not yet enough information to generate an estimate
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	
608351	ADAMS- CHESHIRE- LANESBOROUGH- RESURFACING & RECONSTRUCTION ON THE ASHUWILLTICOOK RAIL TRAIL, FROM THE PITTSFIELD T.L. TO THE ADAMS VISITOR CENTER	Qualitative	Qualitative Decrease in 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	
2019	REGION: BERKSHIRE	Total GHG Increase (kg/year)		0	
		Total GHG Reduction (kg/year)		-4,369	
		Total GHG Difference (kg/year)		-4,369	
BOSTON					
604173	BOSTON- BRIDGE REPLACEMENT, B-16-016, NORTH WASHINGTON STREET OVER THE BOSTON INNER HARBOR	Qualitative	No assumed impact/negligible impact on emissions	0	
604952	LYNN- SAUGUS- BRIDGE REPLACEMENT, L-18-016=S-05-008, ROUTE 107 OVER THE SAUGUS RIVER (AKA - BELDEN G. BLY BRIDGE)	Qualitative	No assumed impact/negligible impact on 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	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	
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	
605287	CHELSEA- ROUTE 1 VIADUCT REHABILITATION (SB/NB) ON C-09-007 & C-09-011	Qualitative	No assumed impact/negligible impact on emissions	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	0	Emissions reductions reported in Section 1A

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
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	2,872,641	
606223	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)	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	10,315	
606316	BROOKLINE- PEDESTRIAN BRIDGE REHABILITATION, B-27-016, OVER MBTA OFF CARLTON STREET	Qualitative	Qualitative Decrease in Emissions	0	
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 ROUTE 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 ROUTE 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 ROUTE 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 ROUTE 9 (NEWTON)	Quantified	Quantified Decrease in Emissions from Complete Streets Project	0	
607249	SUDBURY- INTERSECTION IMPROVEMENTS @ ROUTE 20 & LANDHAM ROAD	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	30,150	
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.I. AND THE INTERSECTION OF ROUTE 140.	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.I. AND THE INTERSECTION OF ROUTE 140.	Quantified	Quantified Decrease in Emissions from Complete Streets Project	201,148	
608205	READING TO LYNNFIELD- GUIDE AND TRAFFIC SIGN REPLACEMENT ON A SECTION OF I-95 (SR 128)	0	0	0	
608206	CHELSEA TO DANVERS- GUIDE AND TRAFFIC SIGN REPLACEMENT ON A SECTION OF US ROUTE 1	0	0	0	
608219	READING- WAKEFIELD- RESURFACING AND RLATED WORK ON I-95	Qualitative	Qualitative Decrease in Emissions	0	
608234	RANDOLPH- BRIDGE PRESERVATION OF 2 BRIDGES: R-01-005 & R-01-007	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
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	
608468	PEABODY- DANVERS- RESURFACING AND RELATED WORK ON ROUTE 1	Qualitative	Qualitative Decrease in Emissions	0	
608493	TOPSFIELD- RESURFACING AND RELATED WORK ON ROUTE 1	Qualitative	Qualitative Decrease in Emissions	0	
608587	DEDHAM- RESURFACING AND RELATED WORK ON ROUTE 109	Qualitative	Qualitative Decrease in Emissions	0	
608608	BRAINTREE- HIGHWAY LIGHTING IMPROVEMENTS AT I-93/ROUTE 3 INTERCHANGE	0	0	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	No assumed impact/negligible impact on emissions	0	
2019	REGION: BOSTON		Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	-5,072,296	
			Total GHG Difference (kg/year)	-5,072,296	
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	623,168	
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
608571	BOURNE TO FALMOUTH- GUIDE AND TRAFFIC SIGN REPLACEMENT ON A SECTION OF ROUTE 28	Qualitative	Qualitative Decrease in Emissions	0	
CC1001	CAPE COD NATIONAL SEASHORE - PAVEMENT OVERLAY ON DOANE ROAD	Qualitative	Qualitative Decrease in Emissions	0	

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)	-623,168	
			Total GHG Difference (kg/year)	-623,168	
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
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	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	
604948	UXBRIDGE - RECONSTRUCTION OF ROUTE 122 (NORTH MAIN STREET), FROM HARTFORD AVENUE TO ROUTE 16	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	14,400	
606125	UPTON - RECONSTRUCTION OF HIGH STREET AND HOPKINTON ROAD (PHASE I)	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	287,226	
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
607757	WORCESTER - SIGNAL & INTERSECTION IMPROVEMENTS ON ROUTE SR 122A (PROVIDENCE STREET) AT MILLBURY STREET & MCKEON ROAD	Qualitative	Qualitative Decrease in Emissions	0	
607908	HOLDEN - BRIDGE MAINTENANCE OF H-18-028 & 029, I-190 OVER RIVER STREET & QUINAPOXET RIVER	Qualitative	No assumed impact/negligible impact on emissions	0	
608190	BROOKFIELD - EAST BROOKFIELD - BRIDGE REPLACEMENT, B-26-006 = E-02-001, SOUTH POND ROAD OVER SOUTH POND INLET	Qualitative	No assumed impact/negligible impact on emissions	0	
608892	SOUTHBRIDGE - QUINEBAUG RAIL TRAIL AND SLOPE STABILIZATION	Qualitative	Qualitative Decrease in Emissions	0	Quantitative estimate TBD
2019	REGION: CENTRAL MASSACHUSETTS		Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	-1,373,390	
			Total GHG Difference (kg/year)	-1,373,390	

FRANKLIN

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
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	
2019	REGION: FRANKLIN		Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	-144	
			Total GHG Difference (kg/year)	-144	
MERRIMACK VALLEY					
602418	AMESBURY- RECONSTRUCTION OF ELM STREET	Quantified	Quantified Decrease in Emissions from Complete Streets Project	0	AC Yr 1 of 2. Quantified decrease in emissions shown in FFY 2020.
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	
606159	NORTH ANDOVER- INTERSECTION & SIGNAL IMPROVEMENTS AT ROUTE 125 & MASSACHUSETTS AVENUE	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	0	GHG CO2 Impact (kg/yr) shown above.
606159	NORTH ANDOVER- INTERSECTION & SIGNAL IMPROVEMENTS AT ROUTE 125 & MASSACHUSETTS AVENUE	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	0	GHG CO2 Impact (kg/yr) shown above in Section 1A project listing.
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)	-482,727	
			Total GHG Difference (kg/year)	-482,727	
MONTACHUSETT					
604961	CLINTON- RESURFACING & RELATED WORK ON ROUTE 110 (HIGH STREET)	Qualitative	No assumed impact/negligible impact on emissions	0	Road surface improvement.
607127	HUBBARDSTON- BRIDGE REPLACEMENT, H-24-009, EVERGREEN ROAD OVER MASON BROOK	Qualitative	No assumed impact/negligible impact on emissions	0	
607446	WESTMINSTER- INTERSECTION IMPROVEMENTS, ROUTE 2A AT ROUTE 140	Quantified	Quantified Increase in Emissions	52,162	Intersection safety improvement project
607848	HUBBARDSTON- RESURFACING AND RELATED WORK ON ROUTE 68, FROM WILLIAMSVILLE ROAD TO THE GARDNER C.L.	Qualitative	No assumed impact/negligible impact on emissions	0	Road surface improvement.
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	

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
608260	ATHOL- BRIDGE REPLACEMENT, A-15-005, WASHINGTON AVE OVER ATHOL POND OUTLET	Qualitative	No assumed impact/negligible impact on emissions	0	
608475	LANCASTER- HARVARD- LITTLETON RESURFACING AND RELATED WORK ON ROUTE 2	Qualitative	Qualitative Decrease in 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	No assumed impact/negligible impact on emissions	0	Road surface improvement.
2019 REGION: MONTACHUSETT			Total GHG Increase (kg/year)	52,162	
			Total GHG Reduction (kg/year)	-407,831	
			Total GHG Difference (kg/year)	-355,669	
NORTHERN MIDDLESEX					
607534	TEWKSBURY-BRIDGE REPLACEMENT, T-03-003, MILL STREET OVER SHAWSHEEN RIVER	Qualitative	No assumed impact/negligible impact on emissions	0	
608257	LOWELL-DECK REPLACEMENT, L-15-068 (2H5) AND (2HG), LOWELL CONNECTOR OVER INDUSTRIAL AVENUE EAST	Qualitative	No assumed impact/negligible impact on 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	
608346	TEWKSBURY-INTERSECTION IMPROVEMENTS AT MAIN STREET, SALEM ROAD AND SOUTH STREET	Quantified	Quantified Decrease in Emissions from Complete Streets Project	659,837	
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	
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	0	
608143	ABINGTON/ BROCKTON - NORTH QUINCY STREET, CHESTNUT STREET, AND BOUNDARY AVENUE ROUNDABOUT AND GEOMETRIC IMPROVEMENTS	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	505,089	

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
2019	REGION: OLD COLONY		Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	-506,614	
			Total GHG Difference (kg/year)	-506,614	
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	
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	317	
606555	NORTHAMPTON- ROUNDABOUT CONSTRUCTION AT INTERSECTION ROUTES 5/10 (NORTH KING STREET) & HATFIELD STREET	Qualitative	No assumed impact/negligible impact on emissions	0	
606912	WORTHINGTON- RECONSTRUCTION & RELATED WORK ON ROUTE 143 (PHASE I)	Quantified	Quantified Decrease in Emissions from Complete Streets Project	345	
607474	GRANBY- SOUTH HADLEY- RESURFACING AND RELATED WORK ON ROTUE 202	Qualitative	Qualitative Decrease in Emissions	0	
607560	CHICOPEE- HOLYOKE- INTERSTATE MAINTENANCE AND RELATED WORK ON I-391	Qualitative	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	Quantified	Quantified Decrease in Emissions from Complete Streets Project	995	To be quantified for traffic operation improvements
608411	SPRINGFIELD- INTERSECTION IMPROVEMENTS AT BAY STREET AND BERKSHIRE AVENUE	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	222,751	
608412	BELCHERTOWN- IMPROVEMENTS & RELATED WORK ON ROUTES 202 & 21, FROM TURKEY HILL ROAD TO SOUTH MAIN STREET (1.2 MILES)	Quantified	Quantified Decrease in Emissions from Complete Streets Project	1,107	
608429	MIDDLEFIELD- BRIDGE SUPERSTRUCTURE REPLACEMENT, M-19-010, CHESTER ROAD OVER SMART BROOK	Qualitative	No assumed impact/negligible impact on emissions	0	
608600	CHICOPEE- WEST SPRINGFIELD- HIGHWAY LIGHTING UPGRADE ON I-91	Qualitative	No assumed impact/negligible impact on emissions	0	
608790	HOLYOKE- IMPROVEMENTS AT KELLY COMMUNITY SCHOOL (SRTS)	Qualitative	Qualitative Decrease in Emissions	0	
PV0001	P21 Express - Year 2 Operating	Quantified	Quantified Decrease in Emissions from New/Additional Transit Service	24,671	
2019	REGION: PIONEER VALLEY		Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	-255,058	
			Total GHG Difference (kg/year)	-255,058	

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
SOUTHEASTERN MASSACHUSETTS					
605677	MATTAPOISETT- MULTI-USE PATH CONSTRUCTION (PENN CENTRAL RIGHT OF WAY), FROM MATTAPOISETT NECK ROAD TO DEPOT STREET (PHASE 1B)	Qualitative	No assumed impact/negligible impact on emissions	0	
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	No assumed impact/negligible impact on emissions	0	0
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	No assumed impact/negligible impact on emissions	0	
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	No assumed impact/negligible impact on emissions	0	
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	
607531	NORTON- CORRIDOR IMPROVEMENTS & RELATED WORK ON EAST MAIN STREET (ROUTE 123), FROM PINE STREET TO I-495	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	0	
607531	NORTON- CORRIDOR IMPROVEMENTS & RELATED WORK ON EAST MAIN STREET (ROUTE 123), FROM PINE STREET TO I-495	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	1,728,175	
608223	FALL RIVER- RELATED WORK ON ROUTE 24	Qualitative	No assumed impact/negligible impact on emissions	0	
608454	MIDDLEBOROUGH- CARVER- RESURFACING AND RELATED WORK ON ROUTE 44	Qualitative	Qualitative Decrease in Emissions	0	
608602	FALL RIVER- SOMERSET- STORMWATER IMPROVEMENTS ALONG I-195 AND ROUTE 79	Qualitative	No assumed impact/negligible impact on emissions	0	
608824	ATTLEBORO- PAVEMENT PRESERVATION AND RELATED WORK ON I-95	Qualitative	Qualitative Decrease in Emissions	0	
608828	MIDDLEBOROUGH- PAVEMENT PRESERVATION AND RELATED WORK ON I-495	Qualitative	Qualitative Decrease in Emissions	0	
FBDSEA	NEW BEDFORD - STATE PIER SEASTREAK FERRY SERVICES	Qualitative	No assumed impact/negligible impact on emissions	0	
2019	REGION: SOUTHEASTERN MASSACHUSETTS		Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	-1,729,336	
			Total GHG Difference (kg/year)	-1,729,336	
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	
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
608251	DISTRICT 2- SYSTEMATIC BRIDGE MAINTENANCE AT VARIOUS LOCATIONS (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	Qualitative Decrease in Emissions	0	
608582	STATEWIDE-VARIOUS SAFETY STRATEGIES TO ADDRESS SHSP - TO BE DETERMINED IN CONSULTATION WITH FHWA IN 2019	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	
609003	WELLESLEY TO WORCESTER - CONNECTED VEHICLE TIMING AND COMMUNICATION CORRIDOR IMPROVEMENTS ON ROUTE 9.	Qualitative	Qualitative Decrease in Emissions	0	
609084	DISTRICT 4- DISTRICT 6- EXPANSION OF ITS ROADWAY DEVICES FOR HIGHWAY OPERATIONS	Qualitative	Qualitative Decrease in Emissions	0	
609085	DISTRICT 5- EXPANSION OF ITS ROADWAY DEVICES FOR HIGHWAY OPERATIONS	Qualitative	Qualitative Decrease in Emissions	0	
TBA	DISTRICT 1- SYSTEMATIC BRIDGE MAINTENANCE AT VARIOUS LOCATIONS (2019)	Qualitative	No assumed impact/negligible impact on emissions	0	
2019 REGION: STATEWIDE			Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	0	
			Total GHG Difference (kg/year)	0	
2019			Total GHG Increase (kg/year)	52,162	
			Total GHG Reduction (kg/year)	-11,114,770	
			Total GHG Difference (kg/year)	-11,062,608	
BERKSHIRE					
606891	LANESBOROUGH- PITTSFIELD- ASHUWILLTICOOK RAIL TRAIL EXTENSION TO CRANE AVENUE	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	19,278	
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	Not yet enough information to generate an estimate
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	
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	Not yet enough information to generate an estimate
608486	WILLIAMSTOWN- RESURFACING AND RELATED WORK ON ROUTE 43	Qualitative	Qualitative Decrease in Emissions	0	
608642	NEW MARLBOROUGH- SUPERSTRUCTURE REPLACEMENT, N-08-001, NORFOLK ROAD OVER UMPACHENE 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
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	
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	
609080	NEW MARLBOROUGH- BRIDGE REPLACEMENT, N-08-018, CANAAN-SOUTHFIELD ROAD OVER UMPACHENE RIVER	Qualitative	No assumed impact/negligible impact on emissions	0	
609081	NEW MARLBOROUGH- BRIDGE REPLACEMENT, N-08-017, LUMBERT CROSS ROAD OVER UMPACHENE RIVER	Qualitative	No assumed impact/negligible impact on emissions	0	
609104	LEE- RESURFACING AND RELATED WORK ON ROUTE 20	Qualitative	Qualitative Decrease in Emissions	0	
609161	ADAMS- SYSTEMATIC BRIDGE MAINTENANCE, A-04-001, ROUTE 8 (GROVE ST) OVER ASHUWILLTICOOK RAIL-TRAIL AND HOOSIC RIVER	Qualitative	No assumed impact/negligible impact on emissions	0	
2020	REGION: BERKSHIRE		Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	-37,281	
			Total GHG Difference (kg/year)	-37,281	
BOSTON					
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	
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	
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	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	
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	
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	

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
604173	BOSTON- BRIDGE REPLACEMENT, B-16-016, NORTH WASHINGTON STREET OVER THE BOSTON INNER HARBOR	Qualitative	No assumed impact/negligible impact on emissions	0	
604952	LYNN- SAUGUS- BRIDGE REPLACEMENT, L-18-016=S-05-008, ROUTE 107 OVER THE SAUGUS RIVER (AKA - BELDEN G. BLY BRIDGE)	Qualitative	No assumed impact/negligible impact on emissions	0	
605287	CHELSEA- ROUTE 1 VIADUCT REHABILITATION (SB/NB) ON C-09-007 & C-09-011	Qualitative	No assumed impact/negligible impact on emissions	0	
605342	STOW- BRIDGE REPLACEMENT, S-29-001, (ST 62) GLEASONDALE ROAD OVER THE ASSABET RIVER	Qualitative	No assumed impact/negligible impact on emissions	0	
606043	HOPKINTON- SIGNAL & INTERSECTION IMPROVEMENTS ON ROUTE 135	Quantified	Quantified Decrease in Emissions from Complete Streets Project	1,298,625	
606043	HOPKINTON- SIGNAL & INTERSECTION IMPROVEMENTS ON ROUTE 135	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	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	
607342	MILTON- INTERSECTION & SIGNAL IMPROVEMENTS @ ROUTE 28 (RANDOLPH AVENUE) & CHICKATAWBUT ROAD	Qualitative	Qualitative Decrease in Emissions	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	
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	
607759	BOSTON- INTERSECTION & SIGNAL IMPROVEMENTS AT THE VFW PARKWAY & SPRING STREET	Qualitative	Qualitative Decrease in Emissions	0	
607888	BOSTON- BROOKLINE- MULTI-USE PATH CONSTRUCTION ON NEW FENWAY	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	54,724	
608208	QUINCY- MILTON- BOSTON INTERSTATE MAINTENANCE AND RELATED WORK ON I-93	Qualitative	Qualitative Decrease in Emissions	0	
608275	MALDEN - EXCHANGE STREET DOWNTOWN IMPROVEMENT PROJECT	Quantified	Quantified Decrease in Emissions from Complete Streets Project	13,519	
608275	MALDEN - EXCHANGE STREET DOWNTOWN IMPROVEMENT PROJECT	Quantified	Quantified Decrease in Emissions from Complete Streets Project	0	
608467	MARLBOROUGH- RESURFACING AND RELATED WORK ON ROUTE 20	Qualitative	Qualitative Decrease in Emissions	0	
608480	FOXBOROUGH- WALPOLE- RESURFACING AND RELATED WORK ON US ROUTE 1	Qualitative	Qualitative Decrease in Emissions	0	
608482	CAMBRIDGE- SOMERVILLE- RESURFACING AND RELATED WORK ON ROUTE 28	Qualitative	Qualitative Decrease in Emissions	0	

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
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	
608608	BRAINTREE- HIGHWAY LIGHTING IMPROVEMENTS AT I-93/ROUTE 3 INTERCHANGE	0	0	0	
608611	CANTON- MILTON- RANDOLPH- REPLACEMENT AND REHABILITATION OF THE HIGHWAY LIGHTING SYSTEM AT THE ROUTE 24/ROUTE 1/I-93 INTERCHANGE	0	0	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	
608835	MEDFORD- IMPROVEMENTS AT BROOKS ELEMENTARY SCHOOL (SRTS)	Qualitative	Qualitative Decrease in Emissions	0	
609101	PEABODY- PAVEMENT PRESERVATION AND RELATED WORK ON ROUTE 128	Qualitative	Qualitative Decrease in Emissions	0	
2020	REGION: BOSTON		Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	-3,380,385	
			Total GHG Difference (kg/year)	-3,380,385	
CAPE COD					
606900	BOURNE- TRAFFIC AND MULTI-MODAL IMPROVEMENTS @ BELMONT CIRCLE AT ROUTES 6/25/28	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	0	Quantified under STP funding line
606900	BOURNE- TRAFFIC AND MULTI-MODAL IMPROVEMENTS @ BELMONT CIRCLE AT ROUTES 6/25/28	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	483	
607319	MASHPEE- CORRIDOR IMPROVEMENTS & RELATED WORK ON NATHAN ELLIS HIGHWAY (ROUTE 151), FROM MASHPEE ROTARY TO FALMOUTH T.L.	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	13,040	
607319	MASHPEE- CORRIDOR IMPROVEMENTS & RELATED WORK ON NATHAN ELLIS HIGHWAY (ROUTE 151), FROM MASHPEE ROTARY TO FALMOUTH T.L.	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	0	Quantified under STP funding line
607319	MASHPEE- CORRIDOR IMPROVEMENTS & RELATED WORK ON NATHAN ELLIS HIGHWAY (ROUTE 151), FROM MASHPEE ROTARY TO FALMOUTH T.L.	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	0	Quantified under STP funding line
608598	ORLEANS- STORMWATER IMPROVEMENTS ALONG ROUTE 28	Qualitative	No assumed impact/negligible impact on emissions	0	
609067	BARNSTABLE- CONSTRUCTION OF A SHARED USE PATH ALONG BEARSES WAY, FROM THE DPW DRIVEWAY TO PITCHERS WAY	Qualitative	Qualitative Decrease in Emissions	0	Assumed Nominal Decrease in Emissions from Sidewalk and Bicycle Infrastructure
2020	REGION: CAPE COD		Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	-13,523	
			Total GHG Difference (kg/year)	-13,523	

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
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	
605674	STURBRIDGE - GRAND TRUNK TRAIL CONSTRUCTION, FROM ED CALCUTT BRIDGE TO THE INTERSECTION OF RIVER ROAD & FARQUHAR ROAD	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	709	
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	
608640	SUTTON - BRIDGE RECONSTRUCTION/REHABILITATION, S-33-004, CARRYING DEPOT STREET OVER THE BLACKSTONE RIVER	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	Quantitative estimate TBD
608764	UPTON - RECONSTRUCTION OF HARTFORD AVENUE NORTH AND HIGH STREET (PHASE II)	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	393	
608764	UPTON - RECONSTRUCTION OF HARTFORD AVENUE NORTH AND HIGH STREET (PHASE II)	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	0	GHG Numbers calculated above
2020	REGION: CENTRAL MASSACHUSETTS	Total GHG Increase (kg/year)		0	
		Total GHG Reduction (kg/year)		-8,027	
		Total GHG Difference (kg/year)		-8,027	
FRANKLIN					
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	

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
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	
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	
MERRIMACK VALLEY					
602418	AMESBURY- RECONSTRUCTION OF ELM STREET	Quantified	Quantified Decrease in Emissions from Complete Streets Project	1,335	AC Yr 2 of 2.
605306	HAVERHILL - BRIDGE REPLACEMENT, H-12-039, I-495 (NB & SB) OVER MERRIMACK RIVER	Qualitative	No assumed impact/negligible impact on emissions	0	
608027	HAVERHILL- BRADFORD RAIL TRAIL EXTENSION, FROM ROUTE 125 TO RAILROAD STREET	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	422	
608027	HAVERHILL- BRADFORD RAIL TRAIL EXTENSION, FROM ROUTE 125 TO RAILROAD STREET	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	0	GHG CO2 Impact (kg/yr) shown above.
2020	REGION: MERRIMACK VALLEY		Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	-1,757	
			Total GHG Difference (kg/year)	-1,757	
MONTACHUSETT					
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

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
607431	WESTMINSTER- RESURFACING & RELATED WORK ON ROUTE 140, FROM ROUTE 2A TO PATRICIA ROAD	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	0	Refer to FFY 2019 Project Listing for Impact Estimate.
608635	SHIRLEY- BRIDGE REPLACEMENT, S-13-005, CARRYING LONGLEY ROAD OVER THE MUPUS BROOK	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	
608779	LANCASTER- INTERSECTION IMPROVEMENTS ON ROUTE 117/ROUTE 70 AT LUNENBURG ROAD AND ROUTE 117/ROUTE 70 AT MAIN STREET	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	595,522	
608779	LANCASTER- INTERSECTION IMPROVEMENTS ON ROUTE 117/ROUTE 70 AT LUNENBURG ROAD AND ROUTE 117/ROUTE 70 AT MAIN STREET	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	0	See CMAQ Listing
608779	LANCASTER- INTERSECTION IMPROVEMENTS ON ROUTE 117/ROUTE 70 AT LUNENBURG ROAD AND ROUTE 117/ROUTE 70 AT MAIN STREET	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	0	See CMAQ Listing
2020 REGION: MONTACHUSETT			Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	-733,970	
			Total GHG Difference (kg/year)	-733,970	
NORTHERN MIDDLESEX					
604694	LOWELL-CONNECTOR RECONSTRUCTION, FROM THORNDIKE STREET TO GORHAM STREET	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	
608350	DRACUT-IMPROVEMENTS ON NASHUA ROAD	Qualitative	Qualitative Decrease in Emissions	0	
608350	DRACUT-IMPROVEMENTS ON NASHUA ROAD	Qualitative	Qualitative Decrease in Emissions	0	
608375	CHELMSFORD-INTERSECTION IMPROVEMENTS AT BOSTON ROAD AND CONCORD ROAD	Qualitative	Qualitative Decrease in Emissions	0	
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					
606143	BROCKTON - INTERSECTION IMPROVEMENTS @ CRESCENT STREET (ROUTE 27)/ QUINCY STREET/ MASSASOIT BOULEVARD	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	94,824	
608086	AVON- INTERSECTION IMPROVEMENTS AT HARRISON BOULEVARD AND POND STREET	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	989,860	

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
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	0	
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	
2020	REGION: OLD COLONY		Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	-1,289,869	
			Total GHG Difference (kg/year)	-1,289,869	
PIONEER VALLEY					
400103	WESTFIELD- BRIDGE REPLACEMENT, W-25-006, ROUTE 10/202 (SOUTHWICK ROAD) OVER THE LITTLE RIVER	Qualitative	Qualitative Decrease in 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	
604209	HOLYOKE- WEST SPRINGFIELD- REHABILITATION OF ROUTE 5	Qualitative	Qualitative Decrease in Emissions	0	
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	205,229	
606552	NORTHAMPTON- BRIDGE RECONSTRUCTION, N-19-059, I-91 OVER US 5/BMRR & N-19-060, I-91 OVER HOCKANUM ROAD	Qualitative	Qualitative Decrease in Emissions	0	
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	
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 Complete Streets Project	1,983	
608473	SOUTH HADLEY- RESURFACING AND RELATED WORK ON ROUTE 116	Qualitative	Qualitative Decrease in Emissions	0	
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	
2020	REGION: PIONEER VALLEY		Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	-281,755	
			Total GHG Difference (kg/year)	-281,755	
SOUTHEASTERN MASSACHUSETTS					
606715	LAKEVILLE- RECONSTRUCTION AND RELATED WORK ON RHODE ISLAND ROAD (ROUTE 79), FROM THE TAUNTON CITY LINE TO CLEAR POND ROAD	Qualitative	Qualitative Decrease in Emissions	0	

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
606718	NEW BEDFORD- INTERSECTION IMPROVEMENTS AT HATHAWAY ROAD, MOUNT PLEASANT STREET AND NAUSET STREET	Qualitative	No assumed impact/negligible impact on emissions	0	
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
607719	MIDDLEBOROUGH- INTERSECTION IMPROVEMENTS & RELATED WORK AT EVERETT SQUARE	Qualitative	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	
608825	MIDDLEBOROUGH- PAVEMENT PRESERVATION AND RELATED WORK ON I-495	Qualitative	Qualitative Decrease in Emissions	0	
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- RESURFACING AND RELATD WORK ON I-495	Qualitative	Qualitative Decrease in Emissions	0	
608360	STATEWIDE INTELLIGENT TRANSPORTATION SYSTEMS, YEAR 2020, FOR CIP POLICY DEVELOPMENT PURPOSES ONLY	Qualitative	Qualitative Decrease in Emissions	0	
608550	DISTRICT 2- SYSTEMATIC BRIDGE MAINTENANCE AT VARIOUS LOCATIONS (2020)	Qualitative	No assumed impact/negligible impact on emissions	0	
608583	STATEWIDE- VARIOUS SAFETY STRATEGIES TO ADDRESS SHSP -TO BE DETERMINED (2020)	Qualitative	Qualitative Decrease in Emissions	0	
608592	DISTRICT 5- SYSTEMATIC BRIDGE PRESERVATION ALONG THE I-95 CORRIDOR	Qualitative	No assumed impact/negligible impact on emissions	0	
609084	DISTRICT 4- DISTRICT 6- EXPANSION OF ITS ROADWAY DEVICES FOR HIGHWAY OPERATIONS	Qualitative	Qualitative Decrease in 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	
TBA	DISTRICT 1- SYSTEMATIC BRIDGE MAINTENANCE AT VARIOUS LOCATIONS (2020)	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	

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
2020			Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	-5,853,840	
			Total GHG Difference (kg/year)	-5,853,840	
BERKSHIRE					
606406	HINSDALE- PERU- RECONSTRUCTION OF SKYLINE TRAIL (MIDDLEFIELD ROAD)	Qualitative	Qualitative Decrease in Emissions	0	Not yet enough information to generate an estimate
608485	PITTSFIELD- LANESBOROUGH- RESURFACING AND RELATED WORK ON ROUTE 8	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 SUPERSTRUCTURE REPLACEMENT, S-06-003, CENTER ROAD OVER CENTER BROOK	Qualitative	No assumed impact/negligible impact on emissions	0	
608854	PITTSFIELD BRIDGE REPLACEMENT, P-10-034, MILL STREET OVER W. BRANCH OF HOUSATONIC RIVER	Qualitative	No assumed impact/negligible impact on emissions	0	
2021			Total GHG Increase (kg/year)	0	
REGION: BERKSHIRE			Total GHG Reduction (kg/year)	0	
			Total GHG Difference (kg/year)	0	
BOSTON					
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	No assumed impact/negligible impact on emissions	0	
604952	LYNN- SAUGUS- BRIDGE REPLACEMENT, L-18-016=S-05-008, ROUTE 107 OVER THE SAUGUS RIVER (AKA - BELDEN G. BLY BRIDGE)	Qualitative	No assumed impact/negligible impact on emissions	0	
605287	CHELSEA- ROUTE 1 VIADUCT REHABILITATION (SB/NB) ON C-09-007 & C-09-011	Qualitative	No assumed impact/negligible impact on 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	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	
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	

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
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	
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	
607329	WAKEFIELD- LYNNFIELD- RAIL TRAIL EXTENSION, FROM THE GALVIN MIDDLE SCHOOL TO LYNNFIELD/PEABODY T.L.	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	158,032	
607477	LYNNFIELD- PEABODY- RESURFACING AND RELATED WORK ON ROUTE 1	Qualitative	Qualitative Decrease in Emissions	0	
607748	ACTON- INTERSECTION & SIGNAL IMPROVEMENTS ON SR 2 & SR 111 (MASSACHUSETTS AVENUE) AT PIPER ROAD & TAYLOR ROAD	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	
607901	DEDHAM- PEDESTRIAN IMPROVEMENTS ALONG ELM STREET & RUSTCRAFT ROAD CORRIDORS	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	14,046	
608146	MARBLEHEAD- INTERSECTION IMPROVEMENTS AT PLEASANT STREET & VILLAGE, VINE AND CROSS STREETS	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	531	
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	
608378	DANVERS- TOPSFIELD- BOXFORD- ROWLEY- INTERSTATE MAINTENANCE AND RELATED WORK ON I-95	0	0	0	
608596	ESSEX- SUPERSTRUCTURE REPLACEMENT, E-11-001 (2TV), ROUTE 133\MAIN STREET OVER ESSEX RIVER	Qualitative	No assumed impact/negligible impact on emissions	0	
608610	NEWTON- STEEL SUPERSTRUCTURE CLEANING (FULL REMOVAL) AND PAINTING OF N-12-055	Qualitative	No assumed impact/negligible impact on emissions	0	
608637	MAYNARD- BRIDGE REPLACEMENT, M-10-006, CARRYING FLORIDA ROAD OVER THE ASSABET RIVER	Qualitative	No assumed impact/negligible impact on emissions	0	
608911	BELMONT- IMPROVEMENTS AT WELLINGTON ELEMENTARY SCHOOL (SRTS)	Qualitative	Qualitative Decrease in Emissions	0	
609090	BOSTON-MILTON-QUINCY- HIGHWAY LIGHTING SYSTEM REPLACEMENT ON I-93, FROM NEPONSET AVENUE TO THE BRAINTREE	0	0	0	
BN0009	COMMUNITY TRANSPORTATION PROGRAM	Qualitative	Qualitative Decrease in Emissions	0	
2021	REGION: BOSTON		Total GHG Increase (kg/year)	217,978	
			Total GHG Reduction (kg/year)	-2,177,046	
			Total GHG Difference (kg/year)	-1,959,068	

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
CAPE COD					
607319	MASHPEE- CORRIDOR IMPROVEMENTS & RELATED WORK ON NATHAN ELLIS HIGHWAY (ROUTE 151), FROM MASHPEE ROTARY TO FALMOUTH T.L.	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	0	Quantified under STP funding line in FFY2020
607319	MASHPEE- CORRIDOR IMPROVEMENTS & RELATED WORK ON NATHAN ELLIS HIGHWAY (ROUTE 151), FROM MASHPEE ROTARY TO FALMOUTH T.L.	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	0	Quantified under STP funding line in FFY2020
607319	MASHPEE- CORRIDOR IMPROVEMENTS & RELATED WORK ON NATHAN ELLIS HIGHWAY (ROUTE 151), FROM MASHPEE ROTARY TO FALMOUTH T.L.	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	0	Quantified under STP funding line in FFY2020
607319	MASHPEE- CORRIDOR IMPROVEMENTS & RELATED WORK ON NATHAN ELLIS HIGHWAY (ROUTE 151), FROM MASHPEE ROTARY TO FALMOUTH T.L.	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	0	Quantified under STP funding line in FFY2020
608617	HARWICH- BRIDGE REPLACEMENT, H-10-019, AZALEA DRIVE OVER HERRING RIVER	Qualitative	No assumed impact/negligible impact on emissions	0	
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
2021	REGION: CAPE COD	Total GHG Increase (kg/year)		0	
		Total GHG Reduction (kg/year)		0	
		Total GHG Difference (kg/year)		0	
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
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	0	GHG Numbers calculated above
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
607733	AUBURN - REHABILITATION OF AUBURN STREET, FROM WALSH AVENUE TO MILLBURY STREET	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	75	
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	

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
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	
FRANKLIN					
606463	BUCKLAND- RECONSTRUCTION & MINOR WIDENING ON CONWAY STREET, SOUTH STREET & CONWAY ROAD	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	
2021	REGION: FRANKLIN		Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	0	
			Total GHG Difference (kg/year)	0	
MERRIMACK VALLEY					
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	
608095	NORTH ANDOVER- CORRIDOR IMPROVEMENTS ON ROUTE 114, BETWEEN ROUTE 125 (ANDOVER STREET) & STOP & SHOP DRIVEWAY	Qualitative	Qualitative Decrease in Emissions	0	AC Yr 1 of 2.
608095	NORTH ANDOVER- CORRIDOR IMPROVEMENTS ON ROUTE 114, BETWEEN ROUTE 125 (ANDOVER STREET) & STOP & SHOP DRIVEWAY	Qualitative	Qualitative Decrease in Emissions	0	AC Yr 1 of 2.
608095	NORTH ANDOVER- CORRIDOR IMPROVEMENTS ON ROUTE 114, BETWEEN ROUTE 125 (ANDOVER STREET) & STOP & SHOP DRIVEWAY	Qualitative	Qualitative Decrease in Emissions	0	AC Yr 1 of 2.
608095	NORTH ANDOVER- CORRIDOR IMPROVEMENTS ON ROUTE 114, BETWEEN ROUTE 125 (ANDOVER STREET) & STOP & SHOP DRIVEWAY	Qualitative	Qualitative Decrease in Emissions	0	AC Yr 1 of 2.
608298	GROVELAND- COMMUNITY TRAIL FROM MAIN STREET TO KING STREET	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	0	GHG CO2 Impact (kg/yr) shown above.
608298	GROVELAND- COMMUNITY TRAIL FROM MAIN STREET TO KING STREET	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	0	GHG CO2 Impact (kg/yr) shown above.
608298	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
608494	NEWBURY- NEWBURYPORT- SALISBURY- RESURFACING AND RELATED WORK ON ROUTE 1	Qualitative	Qualitative Decrease in Emissions	0	
608761	HAVERHILL - INTERSECTION RECONSTRUCTION ON ROUTE 108 (NEWTON ROAD) AT ROUTE 110 (KENOZA AVENUE AND AMESBURY ROAD)	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	8,307	Emissions Reduction = 8,307 kg / yr

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)	-13,684	
			Total GHG Difference (kg/year)	-13,684	
MONTACHUSETT					
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	
608189	FITCHBURG- BRIDGE REPLACEMENT AND RELATED WORK, F-04-017, WATER STREET (STATE 2A) OVER BOULDER DRIVE AND PANAM RAILROAD & F-04-018, WATER STREET (ROUTE 12) OVER NORTH NASHUA RIVER	Qualitative	Qualitative Decrease in Emissions	0	
608548	WINCHENDON- IMPROVEMENTS & RELATED WORK ON CENTRAL STREET (ROUTE 202), FROM FRONT STREET TO MAPLE STREET (0.5 MILES)	Qualitative	Qualitative Decrease in Emissions	0	Road surface improvement
608561	LEOMINSTER- IMPROVEMENTS AT ROUTE 12 (NORTH MAIN STREET) AT HAMILTON STREET; ROUTE 12 (NORTH MAIN STREET) AT NELSON STREET	Qualitative	Qualitative Decrease in Emissions	0	
608784	TEMPLETON- ROUNDABOUT CONSTRUCTION AT THE INTERSECTION OF PATRIOTS ROAD, SOUTH MAIN STREET, NORTH MAIN STREET AND GARDNER ROAD	Qualitative	Qualitative Decrease in Emissions	0	As intersection improvements are defined, may result in Small Emissions Impact
2021	REGION: MONTACHUSETT		Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	0	
			Total GHG Difference (kg/year)	0	
NORTHERN MIDDLESEX					
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	
608603	DUNSTABLE-IMPROVEMENTS ON MAIN STREET (ROUTE 113), FROM PLEASANT STREET TO 750 FT EAST OF WESTFORD STREET	Quantified	Quantified Decrease in Emissions from Complete Streets Project	204	
608603	DUNSTABLE-IMPROVEMENTS ON MAIN STREET (ROUTE 113), FROM PLEASANT STREET TO 750 FT EAST OF WESTFORD STREET	Quantified	Quantified Decrease in Emissions from Complete Streets Project	0	
608603	DUNSTABLE-IMPROVEMENTS ON MAIN STREET (ROUTE 113), FROM PLEASANT STREET TO 750 FT EAST OF WESTFORD STREET	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
2021	REGION: NORTHERN MIDDLESEX		Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	-204	
			Total GHG Difference (kg/year)	-204	
OLD COLONY					
607217	EASTON - ROUTE 123 (DEPOT STREET) RECONSTRUCTION FROM NEWELL CIRCLE TO ROUTE 138	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	132,863	
608615	KINGSTON- BRIDGE REPLACEMENT, K-01-014, SMITHS LANE OVER ROUTE 3 (PILGRIM HIGHWAY)	Qualitative	No assumed impact/negligible impact on emissions	0	
608829	STOUGHTON- IMPROVEMENTS AT WEST ELEMENTARY SCHOOL (SRTS)	Qualitative	Qualitative Decrease in Emissions	0	
2021	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					
605032	HADLEY- RECONSTRUCTION ON ROUTE 9, FROM MIDDLE STREET TO MAPLE/SOUTH MAPLE STREET	Quantified	Quantified Decrease in Emissions from Complete Streets Project	354	
606450	HOLYOKE- TRAFFIC SIGNAL UPGRADES AT 15 INTERSECTIONS ALONG HIGH & MAPLE STREETS	Qualitative	Qualitative Decrease in Emissions	0	To be quantified
606552	NORTHAMPTON- BRIDGE RECONSTRUCTION, N-19-059, I-91 OVER US 5/BMRR & N-19-060, I-91 OVER HOCKANUM ROAD	Qualitative	No assumed impact/negligible impact on emissions	0	
607502	NORTHAMPTON- INTERSECTION IMPROVEMENTS AT KING STREET, NORTH STREET & SUMMER STREET AND AT KING STREET & FINN STREET	Qualitative	Qualitative Decrease in Emissions	0	
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	
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	
608460	HADLEY- BRIDGE REPLACEMENT, H-01-005, BAY ROAD (ROUTE 47) OVER THE FORT RIVER	Qualitative	No assumed impact/negligible impact on emissions	0	
608487	WESTFIELD- RESURFACING AND RELATED WORK ON RTE 10 AND 202	Qualitative	Qualitative Decrease in Emissions	0	
608489	WILBRAHAM- RESURFACING AND RELATED WORK ON ROUTE 20	Qualitative	Qualitative Decrease in 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 Complete Streets Project	3,170	
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
2021	REGION: PIONEER VALLEY		Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	-52,463	
			Total GHG Difference (kg/year)	-52,463	
SOUTHEASTERN MASSACHUSETTS					
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
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
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
607822	NORTON- MANSFIELD- RAIL TRAIL EXTENSION (WORLD WAR II VETERANS TRAIL)	Qualitative	Qualitative Decrease in Emissions	0	
607979	MARION- SHARED USE PATH CONSTRUCTION (PHASE 1), FROM THE MARION-MATTAPOISETT T.L. TO POINT ROAD	Qualitative	Qualitative Decrease in Emissions	0	
608049	FALL RIVER- CORRIDOR IMPROVEMENTS ON ROUTE 79/DAVOL STREET	Qualitative	Qualitative Decrease in Emissions	0	
608049	FALL RIVER- CORRIDOR IMPROVEMENTS ON ROUTE 79/DAVOL STREET	Qualitative	Qualitative Decrease in Emissions	0	
608053	MANSFIELD- INTERSECTION & SIGNAL IMPROVEMENTS AT SR 140 (COMMERCIAL STREET) & SR 106 (CHAUNCEY STREET)	Qualitative	Qualitative Decrease in Emissions	0	
608267	RAYNHAM- RESURFACING AND RELATED WORK ON ROUTE 138	Qualitative	Qualitative Decrease in Emissions	0	
608479	ATTLEBORO- NORTH ATTLEBORO RESURFACING AND RELATED WORK ON ROUTE 1	Qualitative	Qualitative Decrease in Emissions	0	
608481	SEEKONK- RESURFACING AND RELATED WORK ON ROUTE 44	Qualitative	Qualitative Decrease in Emissions	0	
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	

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
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	
608759	SWANSEA- TRAFFIC SIGNAL AND SAFETY IMPROVEMENTS AT THREE INTERSECTIONS ON ROUTE 6	Qualitative	Qualitative Decrease in Emissions	0	
608827	NORTH ATTLEBORO- 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					
608361	STATEWIDE INTELLIGENT TRANSPORTATION SYSTEMS, YEAR 2021, FOR CIP POLICY DEVELOPMENT PURPOSES ONLY	Qualitative	Qualitative Decrease in Emissions	0	
608551	DISTRICT 2- SYSTEMATIC BRIDGE MAINTENANCE AT VARIOUS LOCATIONS (2021)	Qualitative	No assumed impact/negligible impact on emissions	0	
608584	STATEWIDE-VARIOUS SAFETY STRATEGIES TO ADDRESS SHSP - TO BE DETERMINED (2021)	Qualitative	Qualitative Decrease in Emissions	0	
608584	STATEWIDE-VARIOUS SAFETY STRATEGIES TO ADDRESS SHSP - TO BE DETERMINED (2021)	Qualitative	Qualitative Decrease in Emissions	0	
608590	DISTRICT 3- CLEAN AND PAINT STRUCTURAL STEEL BRIDGES ON I-190 AND I-290	Qualitative	No assumed impact/negligible impact on emissions	0	
608593	DISTRICT 5- SYSTEMATIC BRIDGE PRESERVATION 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	
TBA	DISTRICT 1- SYSTEMATIC BRIDGE MAINTENANCE AT VARIOUS LOCATIONS (2021)	Qualitative	No assumed impact/negligible impact on emissions	0	
2021	REGION: STATEWIDE		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
2021			Total GHG Increase (kg/year)	217,978	
			Total GHG Reduction (kg/year)	-2,378,535	
			Total GHG Difference (kg/year)	-2,160,557	
BERKSHIRE					
606233	PITTSFIELD- INTERSECTION & SIGNAL IMPROVEMENTS AT FIRST STREET & NORTH STREET (NEAR BERKSHIRE MEDICAL CENTER)	Qualitative	Qualitative Decrease in Emissions	0	
606233	PITTSFIELD- INTERSECTION & SIGNAL IMPROVEMENTS AT FIRST STREET & NORTH STREET (NEAR BERKSHIRE MEDICAL CENTER)	Qualitative	Qualitative Decrease in 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
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	
606890	ADAMS- NORTH ADAMS- ASHUWILLTICOOK RAIL TRAIL EXTENSION TO ROUTE 8A (HODGES CROSS ROAD)	Qualitative	Qualitative Decrease in Emissions	0	
608767	EGREMONT- RECONSTRUCTION AND RELATED WORK ON ROUTE 23/41, FROM CREAMERY ROAD TO NORTH UNDERMOUNTAIN ROAD	Qualitative	Qualitative Decrease in Emissions	0	
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
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. BRANCH OF 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	
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	
609103	NORTH ADAMS- FLORIDA RESURFACING AND RELATED WORK ON ROUTE 2	Qualitative	Qualitative Decrease in 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	
BOSTON					
604173	BOSTON- BRIDGE REPLACEMENT, B-16-016, NORTH WASHINGTON STREET OVER THE BOSTON INNER HARBOR	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
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	0	
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	
607327	WILMINGTON- BRIDGE REPLACEMENT, W-38-002, ROUTE 38 (MAIN STREET) OVER THE B&M RAILROAD	Qualitative	No assumed impact/negligible impact on emissions	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	93,278	
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	
608210	FOXBOROUGH- PLAINVILLE- WRENTHAM- FRANKLIN I.M. RESURFACING 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	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	
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	
608498	HINGHAM- WEYMOUTH- BRAINTREE- RESURFACING AND RELATED WORK ON ROUTE 53	Qualitative	Qualitative Decrease in Emissions	0	
608567	PEABODY- IMPROVEMENTS AT ROUTE 114 AT SYLVAN STREET, CROSS STREET, NORTHSORE 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	
608599	CANTON- SHARON- FOXBOROUGH- NORWOOD-WALPOLE- STORMWATER IMPROVEMENTS ALONG ROUTE 1, ROUTE 1A & INTERSTATE 95	0	0	0	
608614	BOSTON- BRIDGE SUBSTRUCTURE REPAIRS, B-16-179, AUSTIN STREET OVER I-93 RAMPS, MBTA COMMUTER RAIL AND ORANGE LINE	Qualitative	No assumed impact/negligible impact on emissions	0	
608817	SALEM- LYNN- RESURFACING AND RELATED WORK ON RTE 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
608866	NEWTON- WESTON- STEEL SUPERSTRUCTURE CLEANING (FULL REMOVAL) AND PAINTING OF 3 BRIDGES: N-12-051, W-29-011 & W-29-028	Qualitative	No assumed impact/negligible impact on emissions	0	
608929	WILMINGTON- BRIDGE REPLACEMENT, W-38-003, BUTTERS ROW OVER MBTA	Qualitative	No assumed impact/negligible impact on emissions	0	
2022	REGION: BOSTON		Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	-1,834,136	
			Total GHG Difference (kg/year)	-1,834,136	
CAPE COD					
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
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
607398	YARMOUTH- BARNSTABLE- CAPE COD RAIL TRAIL EXTENSION, INCLUDES NEW BRIDGE OVER WILLOW STREET & RAILROAD (PHASE III)	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	48,220	
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
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	45,215	
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
608819	BARNSTABLE- RESURFACING AND RELATED WORK ON ROUTE 6	Qualitative	Qualitative Decrease in Emissions	0	
CCBR22	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)	-1,094,402	
			Total GHG Difference (kg/year)	-1,094,402	

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
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
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	
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	0	GHG Numbers calculated above
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
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 122A	Qualitative	Qualitative Decrease in Emissions	0	
608851	HARDWICK - NEW BRAINTREE - BRIDGE REPLACEMENT, H-08-003 = N-07-002, CREAMERY ROAD OVER WARE RIVER	Qualitative	No assumed impact/negligible impact on emissions	0	
608862	SOUTHBRIDGE - BRIDGE REPLACEMENT, S-21-009, MILL STREET OVER THE MCKINSTRY BROOK	Qualitative	No assumed impact/negligible impact on emissions	0	
608907	UXBRIDGE - BRIDGE REPLACEMENT, U-02-052, ROUTE 146 RAMP OVER EMERSON 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
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	
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
607610	BUCKLAND- CONSTRUCTION OF BICYCLE SHOULDERS ON ROUTE 112, FROM MOHAWK TRAIL REGIONAL HIGH SCHOOL TO NORTH STREET	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	199	

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
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)	-375	
			Total GHG Difference (kg/year)	-375	
MERRIMACK VALLEY					
605306	HAVERHILL - BRIDGE REPLACEMENT, H-12-039, I-495 (NB & SB) OVER MERRIMACK RIVER	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	
608095	NORTH ANDOVER- CORRIDOR IMPROVEMENTS ON ROUTE 114, BETWEEN ROUTE 125 (ANDOVER STREET) & STOP & SHOP DRIVEWAY	Qualitative	Qualitative Decrease in Emissions	0	AC Yr 2 of 2.
608095	NORTH ANDOVER- CORRIDOR IMPROVEMENTS ON ROUTE 114, BETWEEN ROUTE 125 (ANDOVER STREET) & STOP & SHOP DRIVEWAY	Qualitative	Qualitative Decrease in Emissions	0	AC Yr 2 of 2.
608095	NORTH ANDOVER- CORRIDOR IMPROVEMENTS ON ROUTE 114, BETWEEN ROUTE 125 (ANDOVER STREET) & STOP & SHOP DRIVEWAY	Qualitative	Qualitative Decrease in Emissions	0	AC Yr 2 of 2.
608095	NORTH ANDOVER- CORRIDOR IMPROVEMENTS ON ROUTE 114, BETWEEN ROUTE 125 (ANDOVER STREET) & STOP & SHOP DRIVEWAY	Qualitative	Qualitative Decrease in Emissions	0	AC Yr 2 of 2.
2022	REGION: MERRIMACK VALLEY		Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	-15,682	
			Total GHG Difference (kg/year)	-15,682	
MONTACHUSETT					
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	

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
605296	FITCHBURG- BRIDGE PRESERVATION, F-04-011, CIRCLE STREET OVER NORTH NASHUA RIVER	Qualitative	No assumed impact/negligible impact on emissions	0	
608850	PETERSHAM- BRIDGE REPLACEMENT, P-08-002, GLEN VALLEY ROAD OVER EAST BRANCH OF SWIFT RIVER	Qualitative	No assumed impact/negligible impact on emissions	0	
608891	GARDNER- RESURFACING AND RUMBLE STRIP INSTALLATION ON ROUTE 140	Qualitative	Qualitative Decrease in Emissions	0	
609108	GARDNER- BIKE PATH BRIDGE CONSTRUCTION, NORTH CENTRAL PATHWAY OVER ROUTE 140	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	476,405	
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					
605178	BILLERICA-REHABILITATION ON BOSTON ROAD (ROUTE 3A) FROM BILLERICA TOWN CENTER TO FLOYD STREET	Qualitative	Qualitative Decrease in Emissions	0	
605178	BILLERICA-REHABILITATION ON BOSTON ROAD (ROUTE 3A) FROM BILLERICA TOWN CENTER TO FLOYD STREET	Qualitative	Qualitative Decrease in Emissions	0	
608830	WESTFORD-BRIDGE REHABILITATION BEAVER BROOK ROAD OVER BEAVER BROOK (W-26-014)	0	No assumed impact/negligible impact on emissions	0	
608861	WESTFORD- BRIDGE REPLACEMENT, W-26-002, STONY BROOK ROAD OVER THE 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					
607403	STOUGHTON - CORRIDOR IMPROVEMENTS ON ROUTE 138	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	11,779	
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	
608820	BRIDGEWATER- BROCKTON- PAVEMENT PRESERVATION AND RELATED WORK ON ROUTE 24	Qualitative	No assumed impact/negligible impact on emissions	0	
2022	REGION: OLD COLONY		Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	-94,847	
			Total GHG Difference (kg/year)	-94,847	

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
PIONEER VALLEY					
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	3,248	
606156	HOLYOKE- RECONSTRUCTION OF I-91 INTERCHANGE 17 & ROUTE 141	Qualitative	Qualitative Decrease in Emissions	0	To be quantified
606552	NORTHAMPTON- BRIDGE RECONSTRUCTION, N-19-059, I-91 OVER US 5/BMRR & N-19-060, I-91 OVER HOCKANUM ROAD	Qualitative	No assumed impact/negligible impact on emissions	0	
606895	GRANBY- IMPROVEMENTS @ 2 LOCATIONS ON ROUTE 202: SCHOOL STREET & FIVE CORNERS	Quantified	Quantified Decrease in Emissions from Complete Streets Project	273	
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	
608560	SPRINGFIELD- IMPROVEMENTS ON ST JAMES AVENUE AT TAPLEY STREET	Qualitative	Qualitative Decrease in Emissions	0	To be quantified
608565	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
608846	MONSON- BRIDGE REPLACEMENT, M-27-015, OLD WALES ROAD OVER CONANT BROOK	Qualitative	No assumed impact/negligible impact on emissions	0	
608847	WALES- BRIDGE REPLACEMENT, W-02-002, HOLLAND ROAD OVER WALES BROOK	Qualitative	No assumed impact/negligible impact on emissions	0	
608869	NORTHAMPTON- BRIDGE REPLACEMENT, N-19-068, OLD SPRINGFIELD ROAD OVER THE MILL RIVER	Qualitative	No assumed impact/negligible impact on emissions	0	
2022	REGION: PIONEER VALLEY		Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	-7,333	
			Total GHG Difference (kg/year)	-7,333	
SOUTHEASTERN MASSACHUSETTS					
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	
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
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	
608049	FALL RIVER- CORRIDOR IMPROVEMENTS ON ROUTE 79/DAVOL STREET	Qualitative	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	

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
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
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	
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
609063	ATTLEBORO-NORTH ATTLEBOROUGH GUIDE AND TRAFFIC SIGN REPLACEMENT ON INTERSTATE 295	Qualitative	Qualitative Decrease in Emissions	0	
TBD	ATTLEBORO- STORMWATER IMPROVEMENTS ALONG INTERSTATE 95 PART II	0	0	0	
2022	REGION: SOUTHEASTERN MASSACHUSETTS		Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	0	
			Total GHG Difference (kg/year)	0	
STATEWIDE					
608574	BURLINGTON TO TYNGSBOROUGH- GUIDE AND TRAFFIC SIGN REPLACEMENT ON A SECTION OF US 3	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 RTE 110	Qualitative	Qualitative Decrease in Emissions	0	
608826	TEWKSBURY- ANDOVER- INTERSTATE MAINTENANCE RESURFACING AND RELATED WORK ON I-93	Qualitative	Qualitative Decrease in Emissions	0	
608837	DISTRICT 2- SYSTEMATIC BRIDGE MAINTENANCE AT VARIOUS LOCATIONS (2022)	Qualitative	No assumed impact/negligible impact on emissions	0	
608839	STATEWIDE INTELLIGENT TRANSPORTATION SYSTEMS, YEAR 2022, FOR CIP POLICY DEVELOPMENT PURPOSES ONLY	Qualitative	Qualitative Decrease in Emissions	0	
608841	STATEWIDE-VARIOUS INTERSECTION STRATEGIES TO ADDRESS SHSP - TO BE DETERMINED (2022)	Qualitative	Qualitative Decrease in Emissions	0	
608863	DISTRICT 5- SYSTEMATIC BRIDGE PRESERVATION ALONG THE ROUTE 24 CORRIDOR	Qualitative	No assumed impact/negligible impact on emissions	0	
609064	WAREHAM TO BOURNE- GUIDE AND TRAFFIC SIGN REPLACEMENT ON ROUTE 25	Qualitative	Qualitative Decrease in 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	
TBA	DISTRICT 4- SYSTEMATIC BRIDGE MAINTENANCE AT VARIOUS LOCATIONS (2022)	Qualitative	No assumed impact/negligible impact on emissions	0	
TBA	DISTRICT 1- SYSTEMATIC BRIDGE MAINTENANCE AT VARIOUS LOCATIONS (2022)	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: 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)	-3,550,394	
			Total GHG Difference (kg/year)	-3,550,394	
BERKSHIRE					
604003	PITTSFIELD- RECONSTRUCTION OF EAST STREET (ROUTE 9)	Qualitative	Qualitative Decrease in Emissions	0	Not yet enough information to generate an estimate
604003	PITTSFIELD- RECONSTRUCTION OF EAST STREET (ROUTE 9)	Qualitative	Qualitative Decrease in Emissions	0	
605843	NORTH ADAMS- BRIDGE REPLACEMENT, N-14-016, ROUTE 2 OVER HOOSIC 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	
609068	SHEFFIELD- BRIDGE REPLCEMENT, S-10-015, KELSEY ROAD OVER SCHENOB BROOK	Qualitative	No assumed impact/negligible impact on emissions	0	
609069	BECKET- BRIDGE REPLACEMENT, B-03-045, QUARRY ROAD OVER CUSHMAN BROOK	Qualitative	No assumed impact/negligible impact on emissions	0	
609070	ALFORD- BRIDGE REPLACEMENT, A-06-004, WEST ROAD OVER SCRIBNER BROOK	Qualitative	No assumed impact/negligible impact on emissions	0	
609072	WILLIAMSTOWN- BRIDGE REPLACEMENT, W-37-010, WEST MAIN STREET OVER HEMLOCK BROOK	Qualitative	No assumed impact/negligible impact on emissions	0	
609074	MONTEREY- BRIDGE REPLACEMENT, M-29-001, CURTIS ROAD OVER KONKAPOT RIVER	Qualitative	No assumed impact/negligible impact on emissions	0	
609076	GREAT BARRINGTON- BRIDGE REPLACEMENT, G-11-006, COTTAGE STREET OVER HOUSATONIC RIVER	Qualitative	No assumed impact/negligible impact on emissions	0	
609078	NEW MARLBOROUGH- BRIDGE REPLCEMENT, N-08-020, KEYES HILL ROAD OVER UMPACHENE RIVER	Qualitative	No assumed impact/negligible impact on emissions	0	
609105	WINDSOR- PAVEMENT PRESERVATION AND RELATED WORK ON ROUTE 9	Qualitative	Qualitative Decrease in Emissions	0	
2023	REGION: BERKSHIRE		Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	0	
			Total GHG Difference (kg/year)	0	

BOSTON

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
603739	WRENTHAM - CONSTRUCTION OF A SLIP RAMP FROM ROUTE 1A NB TO I-495 SB AND ASSOCIATED INTERSECTION IMPROVEMENTS ALONG ROUTE 1A	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	0	
603739	WRENTHAM - CONSTRUCTION OF A SLIP RAMP FROM ROUTE 1A NB TO I-495 SB AND ASSOCIATED INTERSECTION IMPROVEMENTS ALONG ROUTE 1A	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	0	
603739	WRENTHAM - CONSTRUCTION OF A SLIP RAMP FROM ROUTE 1A NB TO I-495 SB AND ASSOCIATED INTERSECTION IMPROVEMENTS ALONG ROUTE 1A	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	1,233,486	
604952	LYNN- SAUGUS- BRIDGE REPLACEMENT, L-18-016=S-05-008, ROUTE 107 OVER THE SAUGUS RIVER (AKA - BELDEN G. BLY BRIDGE)	Qualitative	No assumed impact/negligible impact on emissions	0	
605743	IPSWICH - RESURFACING &RELATED WORK ON CENTRAL & SOUTH MAIN STREETS	Quantified	Quantified Decrease in Emissions from Complete Streets Project	4,356	
605743	IPSWICH - RESURFACING &RELATED WORK ON CENTRAL & SOUTH MAIN STREETS	Quantified	Quantified Decrease in Emissions from Complete Streets Project	0	
606728	BOSTON- BRIDGE REPLACEMENT B-16-365, BOWKER OVERPASS OVER STORROW DRIVE (EB)	Qualitative	No assumed impact/negligible impact on emissions	0	
606902	BOSTON- BRIDGE RECONSTRUCTION/REHAB, B-16-181, WEST ROXBURY PARKWAY OVER MBTA	Qualitative	No assumed impact/negligible impact on emissions	0	
607244	WINTHROP - RECONSTRUCTION & RELATED WORK ALONG WINTHROP STREET & REVERE STREET CORRIDOR	Quantified	Quantified Decrease in Emissions from Complete Streets Project	0	
607244	WINTHROP - RECONSTRUCTION & RELATED WORK ALONG WINTHROP STREET & REVERE STREET CORRIDOR	Quantified	Quantified Decrease in Emissions from Complete Streets Project	0	
607244	WINTHROP - RECONSTRUCTION & RELATED WORK ALONG WINTHROP STREET & REVERE STREET CORRIDOR	Quantified	Quantified Decrease in Emissions from Complete Streets Project	252,816	
607305	READING - INTERSECTION SIGNALIZATION @ ROUTE 28 & HOPKINS STREET	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	7,088	
607305	READING - INTERSECTION SIGNALIZATION @ ROUTE 28 & HOPKINS STREET	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	0	
607899	DEDHAM - PEDESTRIAN IMPROVEMENTS ALONG BUSSEY STREET, INCLUDING SUPERSTRUCTURE REPLACEMENT, D-05-010, BUSSEY STREET OVER MOTHER BROOK	Quantified	Quantified Decrease in Emissions from Complete Streets Project	0	
607899	DEDHAM - PEDESTRIAN IMPROVEMENTS ALONG BUSSEY STREET, INCLUDING SUPERSTRUCTURE REPLACEMENT, D-05-010, BUSSEY STREET OVER MOTHER BROOK	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	3,331	
608007	COHASSET/SCITUATE - CORRIDOR IMPROVMENTS AND RELATED WORK ON JUSTICE CUSHING HIGHWAY (ROUTE 3A), FROM BEECHWOOD STREET TO HENRY TURNER BAILEY ROAD	Quantified	Quantified Decrease in Emissions from Complete Streets Project	5,849	
608007	COHASSET/SCITUATE - CORRIDOR IMPROVMENTS AND RELATED WORK ON JUSTICE CUSHING HIGHWAY (ROUTE 3A), FROM BEECHWOOD STREET TO HENRY TURNER BAILEY ROAD	Quantified	Quantified Decrease in Emissions from Complete Streets Project	0	
608007	COHASSET/SCITUATE - CORRIDOR IMPROVMENTS AND RELATED WORK ON JUSTICE CUSHING HIGHWAY (ROUTE 3A), FROM BEECHWOOD STREET TO HENRY TURNER BAILEY ROAD	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
608052	NORWOOD- INTERSECTION & SIGNAL IMPROVEMENTS AT US 1 (PROVIDENCE HIGHWAY) & MORSE STREET	Qualitative	Qualitative Decrease in Emissions	0	
608197	BOSTON- SUPERSTRUCTURE REPLACEMENT, B-16-107, CANTERBURY STREET OVER AMTRAK/MBTA	Qualitative	No assumed impact/negligible impact on emissions	0	
608348	BEVERLY - RECONSTRUCTION OF BRIDGE STREET	Quantified	Quantified Decrease in Emissions from Complete Streets Project	387,153	
608348	BEVERLY - RECONSTRUCTION OF BRIDGE STREET	Quantified	Quantified Decrease in Emissions from Complete Streets Project	0	
608443	LITTLETON- AYER - INTERSECTION IMPROVEMENTS ON ROUTE 2A AT WILLOW ROAD AND BRUCE STREET	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	52,102	
608443	LITTLETON- AYER - INTERSECTION IMPROVEMENTS ON ROUTE 2A AT WILLOW ROAD AND BRUCE STREET	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	0	
608495	CONCORD- LINCOLN- LEXINGTON RESURFACING AND RELATED WORK ON ROUTE 2A	Qualitative	Qualitative Decrease in Emissions	0	
608564	WATERTOWN- INTERSECTION IMPROVEMENTS AT ROUTE 16 AND GALEN STREET	Qualitative	Qualitative Decrease in Emissions	0	
608566	MARLBOROUGH- IMPROVEMENTS AT ROUTE 20 (EAST MAIN STREET) AT CURTIS AVENUE	Qualitative	Qualitative Decrease in Emissions	0	
608609	NEWTON- WESTWOOD- STEEL SUPERSTRUCTURE CLEANING (FULL REMOVAL) AND PAINTING OF 2 BRIDGES: N-12-056 & W-31-006	Qualitative	No assumed impact/negligible impact on emissions	0	
608707	QUINCY - RECONSTRUCTION OF SEA STREET	Quantified	Quantified Decrease in Emissions from Complete Streets Project	0	
608707	QUINCY - RECONSTRUCTION OF SEA STREET	Quantified	Quantified Increase in Emissions	30,437	
608887	BELLINGHAM - REHABILITATION AND RELATED WORK ON ROUTE 126, FROM DOUGLAS DRIVE TO ROUTE 140	Quantified	Quantified Decrease in Emissions from Complete Streets Project	24,363	
608887	BELLINGHAM - REHABILITATION AND RELATED WORK ON ROUTE 126, FROM DOUGLAS DRIVE TO ROUTE 140	Quantified	Quantified Decrease in Emissions from Complete Streets Project	0	
608887	BELLINGHAM - REHABILITATION AND RELATED WORK ON ROUTE 126, FROM DOUGLAS DRIVE TO ROUTE 140	Quantified	Quantified Decrease in Emissions from Complete Streets Project	0	
608933	PEABODY - REHABILITATION OF CENTRAL STREET	Quantified	Quantified Decrease in Emissions from Complete Streets Project	0	
608933	PEABODY - REHABILITATION OF CENTRAL STREET	Quantified	Quantified Decrease in Emissions from Complete Streets Project	150,913	
608933	PEABODY - REHABILITATION OF CENTRAL STREET	Quantified	Quantified Decrease in Emissions from Complete Streets Project	0	
609053	CANTON-DEDHAM-NORWOOD- HIGHWAY LIGHTING IMPROVEMENTS AT I93 & I95/128	Qualitative	No assumed impact/negligible impact on emissions	0	
609058	PEABODY TO GLOUCESTER- GUIDE AND TRAFFIC SIGN REPLACEMENT ON ROUTE 128	Qualitative	Qualitative Decrease in Emissions	0	
609060	LYNNFIELD- PEABODY- DANVERS- GUIDE AND TRAFFIC SIGN REPLACEMENT ON I-95/128 (TASK 'A' INTERCHANGE)	Qualitative	Qualitative Decrease in Emissions	0	

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
609102	WENHAM- MANCHESTER- ESSEX- GLOUCESTER- PAVEMENT PRESERVATION AND RELATED WORK ON ROUTE 128	Qualitative	Qualitative Decrease in Emissions	0	
BN0009	COMMUNITY TRANSPORTATION PROGRAM	Qualitative	Qualitative Decrease in Emissions	0	
2023	REGION: BOSTON		Total GHG Increase (kg/year)	30,437	
			Total GHG Reduction (kg/year)	-2,121,457	
			Total GHG Difference (kg/year)	-2,091,020	
CAPE COD					
608264	YARMOUTH- RESURFACING AND RELATED WORK ON ROUTE 28	Qualitative	Qualitative Decrease in Emissions	0	
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
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
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
608744	PROVINCETOWN- CORRIDOR IMPROVEMENTS AND RELATED WORK ON SHANK PAINTER ROAD, FROM ROUTE 6 TO BRADFORD STREET	Qualitative	Qualitative Decrease in Emissions	0	Assumed Nominal Decrease in Emissions from Sidewalk and Bicycle Infrastructure
608744	PROVINCETOWN- CORRIDOR IMPROVEMENTS AND RELATED WORK ON SHANK PAINTER ROAD, FROM ROUTE 6 TO BRADFORD STREET	Qualitative	Qualitative Decrease in Emissions	0	Assumed Nominal Decrease in Emissions from Sidewalk and Bicycle Infrastructure
609098	EASTHAM- WELFLEET- TRURO- PAVEMENT PRESERVATION AND RELATED WORK ON ROUTE 6	Qualitative	Qualitative Decrease in Emissions	0	
2023	REGION: CAPE COD		Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	0	
			Total GHG Difference (kg/year)	0	
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
606220	HARDWICK - ROUTE 32 AT ROUTE 32A GILBERTVILLE ROADWAY IMPROVEMENTS	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	161	
606517	WEST BROOKFIELD - RESURFACING & RELATED WORK ON ROUTE 9, FROM WARE T.L. TO 850' WEST OF WELCOME ROAD (1.1 MILES - PHASE I)	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	630	

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
608778	SOUTHBRIDGE - INTERSECTION IMPROVEMENTS AT CENTRAL STREET, FOSTER STREET, HOOK STREET AND HAMILTON STREET	Qualitative	Qualitative Decrease in Emissions	0	Quantitative estimates TBD
608778	SOUTHBRIDGE - INTERSECTION IMPROVEMENTS AT CENTRAL STREET, FOSTER STREET, HOOK STREET AND HAMILTON STREET	Qualitative	Qualitative Decrease in Emissions	0	Quantitative estimates TBD
608778	SOUTHBRIDGE - INTERSECTION IMPROVEMENTS AT CENTRAL STREET, FOSTER STREET, HOOK STREET AND HAMILTON STREET	Qualitative	Qualitative Decrease in Emissions	0	Quantitative estimates TBD
609106	DOUGLAS - NORTHBRIDGE - SUTTON - UXBRIDGE - PAVEMENT PRESERVATION ON ROUTE 146	Qualitative	Qualitative Decrease in Emissions	0	
TBA	WORCESTER - SUPERSTRUCTURE REPLACEMENT, W-44-093, LAUREL STREET OVER I-290	Qualitative	No assumed impact/negligible impact on emissions	0	
TBA	DUDLEY - SUPERSTRUCTURE REPLACEMENT, D-12-026, ROUTE 131 OVER QUINEBAUG RIVER	Qualitative	No assumed impact/negligible impact on emissions	0	
TBA	WORCESTER - SUPERSTRUCTURE REPLACEMENT, W-44-083, HARRISON STREET OVER I-290	Qualitative	No assumed impact/negligible impact on emissions	0	
2023	REGION: CENTRAL MASSACHUSETTS		Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	-791	
			Total GHG Difference (kg/year)	-791	
FRANKLIN					
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	
609082	CONWAY- BRIDGE REPLACEMENT, C-20-004, NORTH POLAND ROAD OVER POLAND BROOK	Qualitative	No assumed impact/negligible impact on emissions	0	
2023	REGION: FRANKLIN		Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	-295	
			Total GHG Difference (kg/year)	-295	
MERRIMACK VALLEY					
602202	SALISBURY - RECONSTRUCTION OF ROUTE 1 (LAFAYETTE ROAD)	Qualitative	No assumed impact/negligible impact on emissions	0	
605306	HAVERHILL - BRIDGE REPLACEMENT, H-12-039, I-495 (NB & SB) OVER MERRIMACK RIVER	Qualitative	No assumed impact/negligible impact on emissions	0	
608788	HAVERHILL - ROADWAY RECONSTRUCTION ON NORTH AVENUE, FROM MAIN STREET (ROUTE 125) TO PLAISTOW NH	Qualitative	No assumed impact/negligible impact on emissions	0	
608930	LAWRENCE- LAWRENCE MANCHESTER RAIL CORRIDOR (LMRC) RAIL TRAIL	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	175,927	Emissions Reduction = 175,927 kg / yr

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
2023	REGION: MERRIMACK VALLEY		Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	-175,927	
			Total GHG Difference (kg/year)	-175,927	
MONTACHUSETT					
601957	ASHBURNHAM- RESURFACING & RELATED WORK ON ROUTE 101	Qualitative	Qualitative Decrease in Emissions	0	
608832	LANCASTER- INTERCHANGE IMPROVEMENTS AT ROUTE 2 EXIT 34 (OLD UNION TURNPIKE)	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	0	Potential reduction in delays for vehicles entering Route 2; Additional data needed to Quantify
609107	PHILLIPSTON- TEMPLETON- PAVEMENT PRESERVATION AND RELATED WORK ON ROUTE 2	Qualitative	Qualitative Decrease in Emissions	0	
TBA	HUBBARDSTON-BRIDGE REPLACEMENT, H-24-003, WILLIAMSVILE ROAD OVER BURNCHIRT RIVER	Qualitative	No assumed impact/negligible impact on emissions	0	
2023	REGION: MONTACHUSETT		Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	0	
			Total GHG Difference (kg/year)	0	
NORTHERN MIDDLESEX					
605966	LOWELL-RECONSTRUCTION AND RELATED WORK ON VFW HIGHWAY	Qualitative	Qualitative Decrease in Emissions	0	
605966	LOWELL-RECONSTRUCTION AND 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	
608227	BILLERICA- YANKEE DOODLE BIKE PATH CONSTRUCTION (PHASE I)	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	147,642	
608774	TEWKSBURY – ROUTE 38 INTERSECTION IMPROVEMENTS FROM LOWELL LINE TO PIKE STREET/ASTLE STREET	Qualitative	Qualitative Decrease in Emissions	0	
2023	REGION: NORTHERN MIDDLESEX		Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	-147,642	
			Total GHG Difference (kg/year)	-147,642	
OLD COLONY					
600380	PEMBROKE - REHABILITATION OF ROUTE 36 (CENTER STREET) FROM ROUTE 27 TO ROUTE 14	Quantified	Quantified Decrease in Emissions from Complete Streets Project	155,420	
608496	AVON- STOUGHTON- PAVEMENT PRESERVATION AND RELATED WORK ON ROUTE 24	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
609052	BROCKTON - ROUTE 123 (CENTRE STREET) AT PLYMOUTH STREET SIGNALIZATION AND GEOMETRIC IMPROVEMENTS	Qualitative	Qualitative Decrease in Emissions	79,683	
2023	REGION: OLD COLONY		Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	-235,103	
			Total GHG Difference (kg/year)	-235,103	
PIONEER VALLEY					
606552	NORTHAMPTON- BRIDGE RECONSTRUCTION, N-19-059, I-91 OVER US 5/BMRR & N-19-060, I-91 OVER HOCKANUM ROAD	Qualitative	No assumed impact/negligible impact on emissions	0	
607823	SOUTHAMPTON- GREENWAY RAIL TRAIL CONSTRUCTION, FROM COLEMAN ROAD TO ROUTE 10 (3.5 MILES)	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
608848	SPRINGFIELD- BRIDGE REPLACEMENT, S-24-016, ARMORY STREET OVER CSX MAINLINE	Qualitative	No assumed impact/negligible impact on emissions	0	
608853	SPRINGFIELD- BRIDGE REPLACEMENT, S-24-026, ARMORY STREET OVER CSX	Qualitative	No assumed impact/negligible impact on emissions	0	
608881	LONGMEADOW- SPRINGFIELD- RESURFACING AND INTERSECTION IMPROVEMENTS ON LONGMEADOW STREET (ROUTE 5) AND CONVERSE STREET (0.84 MILES)	Qualitative	Qualitative Decrease in Emissions	0	To be quantified
609120	LUDLOW- BRIDGE REPLACEMENT, L-16-026, PINEY LANE OVER BROAD BROOK	Qualitative	No assumed impact/negligible impact on emissions	0	
PV0002	WORTHINGTON- RECONSTRUCTION & RELATED WORK ON ROUTE 143 (PHASE II)	Qualitative	Qualitative Decrease in Emissions	0	To be quantified
2023	REGION: PIONEER VALLEY		Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	0	
			Total GHG Difference (kg/year)	0	
SE MASS					
TBA	FALL RIVER- SOMERSET- STORMWATER IMPROVEMENTS ALONG I-195 AND ROUTE 79	Qualitative	No assumed impact/negligible impact on emissions	0	
2023	REGION: SE MASS		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
SOUTHEASTERN MASSACHUSETTS					
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	0	0	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
608049	FALL RIVER- CORRIDOR IMPROVEMENTS ON ROUTE 79/DAVOL STREET	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	
608753	TAUNTON- CORRIDOR IMPROVEMENTS AND RELATED WORK ON BROADWAY (ROUTE 138), FROM PURCHASE STREET TO JACKSON STREET (PHASE 2)	Qualitative	Qualitative Decrease in Emissions	0	Insufficient Information at present time to complete analysis
608934	PLAINVILLE- INTERSECTION IMPROVEMENTS AT WASHINGTON STREET (ROUTE 1) AND GEORGE STREET	Qualitative	Qualitative Decrease in Emissions	0	Insufficient Information at present time to complete analysis
608944	MANSFIELD- RECONSTRUCTION ON CHAUNCY STREET (ROUTE 106)	Qualitative	Quantified Decrease in Emissions from Traffic Operational Improvement	0	Insufficient Information at present time to complete analysis
608944	MANSFIELD- RECONSTRUCTION ON CHAUNCY STREET (ROUTE 106)	Qualitative	Quantified Decrease in Emissions from Traffic Operational Improvement	0	Insufficient Information at present time to complete analysis
609165	ATTLEBORO- SUPERSTRUCTURE REPLACEMENT, A-16-062, I 295 RAMP OVER TEN MILE RIVER	0	0	0	
2023 REGION: SOUTHEASTERN MASSACHUSETTS				Total GHG Increase (kg/year)	0
				Total GHG Reduction (kg/year)	0
				Total GHG Difference (kg/year)	0
STATEWIDE					
608841	STATEWIDE-VARIOUS INTERSECTION STRATEGIES TO ADDRESS SHSP - TO BE DETERMINED (2023)	Qualitative	Qualitative Decrease in Emissions	0	
609023	DISTRICT 2- SYSTEMATIC BRIDGE MAINTENANCE AT VARIOUS LOCATIONS (2023)	Qualitative	No assumed impact/negligible impact on emissions	0	
609037	DISTRICT 5- SYSTEMATIC BRIDGE PRESERVATION ALONG THE I-195 CORRIDOR	Qualitative	No assumed impact/negligible impact on emissions	0	
609040	DISTRICT 3- SYSTEMATIC BRIDGE MAINTENANCE AT VARIOUS LOCATIONS	Qualitative	No assumed impact/negligible impact on emissions	0	
609055	DISTRICT 5- INTERSECTION IMPROVEMENTS TO TOP CRASH LOCATION (HSIP 2022 PLACEHOLDER)	Qualitative	Qualitative Decrease in Emissions	0	

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
609056	HOLLAND TO STURBRIDGE- GUIDE AND TRAFFIC SIGN REPLACEMENT ON INTERSTATE 84	Qualitative	Qualitative Decrease in Emissions	0	
609062	WORCESTER- LEOMINSTER- GUIDE AND TRAFFIC SIGN REPLACEMENT ON INTERSTATE 190	Qualitative	Qualitative Decrease in Emissions	0	
609086	STATEWIDE INTELLIGENT TRANSPORTATION SYSTEMS, YEAR 2023, FOR CIP POLICY DEVELOPMENT PURPOSES ONLY	Qualitative	Qualitative Decrease in Emissions	0	
609093	DISTRICT 2- INTERSECTION IMPROVEMENTS TO TOP CRASH LOCATION (HSIP 2023 PLACEHOLDER)	Qualitative	Qualitative Decrease in Emissions	0	
609094	DISTRICT 3- INTERSECTION IMPROVEMENTS TO TOP CRASH LOCATION (HSIP 2022 PLACEHOLDER)	Qualitative	Qualitative Decrease in Emissions	0	
609095	DISTRICT 4- INTERSECTION IMPROVEMENTS TO TOP CRASH LOCATION (HSIP 2022 PLACEHOLDER)	Qualitative	Qualitative Decrease in Emissions	0	
609096	DISTRICT 6- INTERSECTION IMPROVEMENTS TO TOP CRASH LOCATION (HSIP 20223PLACEHOLDER)	Qualitative	Qualitative Decrease in Emissions	0	
609097	STATEWIDE-VARIOUS INTERSECTION STRATEGIES TO ADDRESS SHSP - TO BE DETERMINED (2023)	Qualitative	Qualitative Decrease in Emissions	0	
609097	STATEWIDE-VARIOUS INTERSECTION STRATEGIES TO ADDRESS SHSP - TO BE DETERMINED (2023)	Qualitative	Qualitative Decrease in Emissions	0	
609099	MILFORD- HOPKINTON- WESTBOROUGH-SOUTHBOROUGH - PAVEMENT PRESERVATION AND RELATED WORK ON I-495	Qualitative	Qualitative Decrease in Emissions	0	
TBA	DISTRICT 4- SYSTEMATIC BRIDGE PRESERVATION	Qualitative	No assumed impact/negligible impact on emissions	0	
TBA	DISTRICT 1- SYSTEMATIC BRIDGE MAINTENANCE AT VARIOUS LOCATIONS (2023)	Qualitative	No assumed impact/negligible impact on emissions	0	
2023 REGION: STATEWIDE			Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	0	
			Total GHG Difference (kg/year)	0	
2023			Total GHG Increase (kg/year)	30,437	
			Total GHG Reduction (kg/year)	-2,681,215	
			Total GHG Difference (kg/year)	-2,650,778	
2019-2023			Total GHG Increase for all years (kg/year)	300,577	
			Total GHG Reduction for all years (kg/year)	-25,578,754	
			Total GHG Difference for all years (kg/year)	-25,278,177	

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APPENDIX A: Air Quality Conformity Determination

AIR QUALITY CONFORMITY DETERMINATION

Massachusetts Department of Transportation (MassDOT) and the Metropolitan Planning Organizations (MPOs)

Introduction

This report documents the air quality conformity determination for the Massachusetts metropolitan planning organizations' 2016 regional transportation plans (RTPs) for the 1997 ozone National Ambient Air Quality Standards (NAAQS), which by extension ensures that the 2019 - 2023 Transportation Improvement Programs (TIPs) are also in conformity with air quality regulations. It consists of the analysis of future vehicle emissions of ozone precursor pollutants.

Statewide Ozone Precursor Analysis

Legislative Background on Ozone

The 1970 Clean Air Act defined a one-hour national ambient air-quality standard (NAAQS) for ground-level ozone. The 1990 Clean Air Act Amendments further classified degrees of nonattainment of the one-hour standard based on the severity of monitored levels of the pollutant. The entire Commonwealth of Massachusetts was classified as being in serious nonattainment for the one-hour ozone standard, with a required attainment date of 1999; this was later extended first to 2003, then to 2007.

In 1997, the U.S. Environmental Protection Agency (EPA) proposed a new, eight-hour ozone NAAQS to replace the one-hour standard, effective June 15, 2005. The new standard was challenged in court, and after a lengthy legal battle, the courts upheld the standard, which was finalized in June 2004. The eight-hour standard was 0.08 parts per million (ppm), averaged over eight hours and not to be exceeded more than once per year. Nonattainment areas were again further classified based on the severity of eight-hour values. Massachusetts as a whole was classified as being in moderate nonattainment for the eight-hour standard, but it was separated into two nonattainment areas—Eastern Massachusetts and Western Massachusetts. Both nonattainment areas were required to reduce its emissions of VOCs and NO_x to achieve attainment of the eight-hour ozone NAAQS by 2009.

In March 2008, EPA published revisions to the eight-hour ozone NAAQS that established a level of 0.075 ppm (March 27, 2008; 73 FR 16483). After reviewing data from Massachusetts monitoring stations, the EPA sent a letter on December 16, 2011, proposing that only Dukes County would be designated as being in nonattainment for the new, proposed 0.075 ozone

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standard. Massachusetts concurred with these findings.

On May 21, 2012, the final rule (77 FR 30088) was published in the Federal Register, defining the 2008 NAAQS at 0.075 ppm, the standard that was promulgated in March 2008. A second rule (77 FR 30160), published on May 21, 2012, revoked the 1997 ozone NAAQS; the rule was to become effective one year after the 2008 NAAQS became effective (July 20, 2012). Also on May 21, 2012, the air-quality designation areas for the 2008 NAAQS were published in the Federal Register. In this Federal Register, the only area in Massachusetts that was designated as being in nonattainment for ozone was Dukes County. All other counties were classified as unclassifiable/ attainment. Therefore, the 13 MPOs are not required to perform a conformity determination for ozone for their regional transportation plans (RTP).

All of the Massachusetts MPOs and MassDOT continue to meet the requirements of air quality conformity according to the Code of Federal Regulations, and as evaluated through inter-agency consultation. Specifically, on March 6, 2015, (80 FR 12264, effective April 6, 2015) EPA published the Final Rulemaking, "Implementation of the 2008 National Ambient Air Quality Standards (NAAQS) for Ozone: State Implementation Plan Requirements; Final Rule." This rulemaking removed transportation conformity to the 1997 Ozone NAAQS (the standard the subject of a December 23, 2014 DC Circuit Court decision). Link to Final EPA Rulemaking: <http://www.gpo.gov/fdsys/pkg/FR-2015-03-06/pdf/2015-04012.pdf>

Since the current LRTPs adopted by the MPOs in August 2015 were developed, reviewed, and approved after April 6, 2015, air quality conformity determinations to the 1997 Ozone NAAQS was no longer required, as those standards and all associated area designations were permanently replaced by the 2008 NAAQS, which (with actually a stricter level of allowable ozone concentration than the 1997 standards) no longer designate Massachusetts as a non-attainment area(s) for ozone except for Dukes County as discussed above.

Since the adoption of the current LRTPs in 2015, new guidance has been released by the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) regarding transportation conformity requirements. The United States Court of Appeals for the DC Circuit issued a decision in the *South Coast Air Quality Management District v. EPA*, No. 15-1115 in February 2018, which struck down portions of the *2008 Ozone NAAQS SIP Requirements Rule* concerning the ozone NAAQS.

The portions of the *2008 Ozone NAAQS SIP Requirements Rule* addressed implementation requirements of the 2008 ozone NAAQS as well as the anti-backsliding requirements (ensuring that areas do not revert back to nonattainment) associated

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with the revocation of the 1997 ozone NAAQS. The impact of the decision addresses two groups of ozone areas described in the decision, one of which affects Massachusetts. It affects areas that were designated as nonattainment for the 1997 ozone NAAQS at the time of revocation and are designated as attainment for the 2008 ozone NAAQS. These areas have not been required to make transportation conformity determinations for any ozone NAAQS since the 1997 ozone NAAQS were revoked by EPA in April 2016.

With this new court ruling, Massachusetts is required to perform a transportation conformity determination on any new RTP and TIP, including updates and amendments that include the addition of a project that is not exempt (also known as a regionally significant project) from transportation conformity.

In past transportation conformity determinations, it has been the policy that the TIP comes from an air quality conforming RTP. As a result of this recent court ruling and with the guidance of FHWA and FTA, the MPOs are now required to perform a conformity determination for ozone since a conformity determination was not performed for the current RTPs. MassDOT, after consultation with FHWA, FTA, EPA, and the Massachusetts Department of Environmental Protection (DEP), has determined that the MPOs would perform a conformity determination on the current RTPs, allowing each TIP to come from an air quality conforming RTP. This will allow for the approval of each MPO's 2019–2023 TIP and any other TIP amendments that may occur over the next year, prior to the adoption of the new RTPs in May 2019.

Legislative Background on Carbon Monoxide

Although this document reports on statewide ozone precursor emissions, reporting on another criteria pollutant, carbon monoxide (CO) is still federally required for some MPOs in Massachusetts. The cities of Boston, Cambridge, Chelsea, Everett, Malden, Medford, Quincy, Revere, and Somerville within the Boston Region MPO were classified as being in attainment for CO emissions with a carbon monoxide maintenance plan approved as part of the SIP. A conformity analysis for carbon monoxide was done as part of the current LRTP in 2015. However as of April 1, 2016, the 20-year maintenance period for this carbon monoxide maintenance area expired and transportation conformity is no longer required for this pollutant in these communities. This ruling is documented in a letter from the EPA dated May 12, 2016.

The Lowell, Waltham, Worcester and Springfield carbon monoxide areas are classified attainment with a limited maintenance plan in place. No regional air quality analysis is required in limited maintenance plan areas as emissions may be treated as essentially not constraining for the length of the maintenance period because it is unreasonable to expect that

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such areas will experience so much growth in that period that a violation of the carbon monoxide NAAQS would result. Therefore, in areas with approved limited maintenance plans, Federal actions requiring conformity determinations under the transportation conformity rule are considered to satisfy the “budget test.” All other transportation conformity requirements under 40 CFR 93.109(b) continue to apply in limited maintenance areas, including project level conformity determinations based on carbon monoxide hot spot analyses under 40 CFR 93.116. The latest conformity determinations for Lowell, Waltham, Worcester and Springfield can be found in the respective MPO’s 2019–2023 TIPs.

Air Quality Analysis Criteria

The air quality analysis was prepared using the following criteria:

- The horizon years for the travel demand model analysis are established as 2012 (base year), 2020, 2030, and 2040.
- Projections for future population, employment, and households were developed jointly by MassDOT, the Metropolitan Area Planning Council, and the Donahue Institute of the University of Massachusetts. This was a cooperative and iterative process conducted throughout 2014 and into 2015, with input and comments from each MPO in the Commonwealth.
- Demographic projections were incorporated into the statewide travel demand model, along with updated travel characteristics, obtained through the 2010-2011 Massachusetts Travel Survey and the U.S. Census.
- The transit service assumptions for the MBTA were included in this analysis and were based on MBTA service in the spring of 2012. Travel demand model calibration was performed using the Ridership and Service Statistics, MBTA Blue Book.
- Factors used for calculating emissions changes were determined using the EPA’s latest emissions model, Motor Vehicle Emissions Simulator (MOVES) 2014. Inputs used for 2012 through 2040 were received from the DEP and include information about programs that were submitted to the EPA as the strategy for the Commonwealth to attain ambient air-quality standards.

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- The Federal Highway Administration's Highway Performance Monitoring System (HPMS) is used to track daily vehicle-miles of travel (VMT). For each MPO region, adjustment factors that compare the 2012 HPMS VMT to the 2012 base year VMT estimated by the travel demand models transportation model VMT were developed. The adjustment factors were then applied to all modeled VOC and NOx emissions for the years 2020 through 2040 to ensure consistency with EPA-accepted procedures.

Inclusion of Regionally Significant Transportation Projects

Only "regionally significant" projects are included in the travel-demand modeling. Regionally significant projects are defined as follows:

A transportation project (other than an exempt project) that is on a facility that serves regional transportation needs (such as access to and from the area outside of the MPO region; major activity centers in the region; major planned developments, such as new retail malls and sport complexes; and transportation terminals (as well as most terminals themselves) and would be included in the modeling of a metropolitan area's transportation network, including at a minimum all principal arterial highways and all fixed-guideway transit facilities that offer an alternative to regional highway travel.

The following table lists the regionally significant projects proposed in the RTPs:

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Regionally Significant Projects Included in the Travel Demand Model

Analysis Year	Community	Project Description
2020	Bedford and Billerica	Middlesex Turnpike Improvements, From Crosby Drive North to Manning Road, Phase III
2020	Newton and Needham	Reconstruction of Highland Avenue, Needham Street and Charles River Bridge, from Webster Street to Route 9
2020	Weymouth and Abington	Reconstruction and Widening on Route 18 (Main Street) From Highland Place to Route 139
2020	Woburn	Reconstruction of Montvale Avenue, from I-93 Interchange to Central Street
2020	Woburn	Bridge Replacement, New Boston Street over MBTA
2030	Boston	Reconstruction of Rutherford Avenue, from City Square to Sullivan Square
2030	Framingham	Intersection Improvements at Route 126 and Route 135/MBTA and CSX Railroad
2030	Lexington	Route 4/225 (Bedford Street) and Hartwell Avenue
2030	Natick	Bridge Replacement, Route 27 (North Main St.) over Route 9 (Worcester St.) and Interchange Improvements
2030	Somerville	McGrath Boulevard Project
2040	Barnstable	Hyannis Access Improvements
2030	Westborough	Route 9 Improvements
2030	Oxford	Route 20 capacity improvement
2030	Millbury	Turnpike/Route 146 int. improve.
2030	Worcester	I-290 Bridge Expansion
2030	North Andover	Route 114 Reconstruction
2030	Athol	Route 2 Interchange @ S. Athol Rd

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2040	Philipston to Athol	Route 2 Expansion
2040	Westford	Route 110 widening
2040	Tewksbury, Andover	Lowell Junction Interchange
2020	Abington, Weymouth	Route 18 Widening (funded in Boston Region)
2020	Wilbraham	Boston Road Reconstruction
2020	Hadley	Route 9 Phase 1
2030	Hadley	Route 9 Phase 2
2030	Hadley	Route 9 Phase 3
2030	Middleborough	Routes 44/28/18 Rotary
2040	Taunton	Routes 24 & 140 Improvements
2040	Fall River	Route 79 Blvd

Emissions Inventory Assumptions

This air quality analysis was done in relation to the State Implementation Plan mobile-source ozone emission projections that were approved in March 2008 for the revoked 1997 eight-hour NAAQS for VOC and NO_x. The VOC mobile-source emission budget for 2009 for the Eastern Massachusetts Ozone Nonattainment Area was set at 63.50 tons per summer day and at 10.73 tons per summer day for the Western Massachusetts Ozone Nonattainment Area. The NO_x mobile-source emission budget for 2009 for the Eastern Massachusetts Ozone Nonattainment Area was set at 174.96 tons per summer day and at 27.73 tons per summer day for the Western Massachusetts Ozone Nonattainment Area.

The Massachusetts Department of Transportation, Office of Transportation Planning (MassDOT Planning) estimated the results for the Eastern and Western Massachusetts Ozone Nonattainment Areas using the Statewide travel demand model set, based on the latest planning assumptions (as outlined in this document).

Ozone Analysis Results

MassDOT's Office of Transportation Planning conducted an air-quality conformity analysis for the Commonwealth's 13 MPO's 2016 Regional Transportation Plans. The purpose of the conformity test is to show consistency with the emissions budgets set forth in the SIP. Additional specific information regarding the analysis and modeling methods, latest planning

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assumptions, and consultation procedures are all detailed in each MPO's 2016 RTP (and appendices).

The test used in this analysis was to show that the RTPs are consistent with the emission budgets set for the revoked 1997 eight-hour ozone NAAQS as described above. The results are shown in the tables below. They include emissions from regionally significant projects as represented in the statewide travel demand model and off-model emissions from commuter rail, commuter boat, and buses:

The emissions from the following MPOs have been combined to show conformity with the SIP for the Eastern Massachusetts Ozone Nonattainment Area:

- Cape Cod MPO
- Central Massachusetts MPO
- Merrimack Valley MPO
- Boston MPO
- Montachusett Region MPO
- Northern Middlesex MPO
- Old Colony MPO
- Southeastern Region MPO
- Martha's Vineyard Commission*
- Nantucket Planning and Economic Development Commission*

* These regions do not contain any official urbanized areas, but are considered to be MPOs for planning purposes.

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VOC Emissions Estimates Eastern Massachusetts Ozone Nonattainment Area (all emissions in tons per summer day: tpsd)

Year	VOC Action Emissions	VOC Budget	Difference (Action – Budget)
2012	30.56	n/a	n/a
2020	6.68	63.50	-56.82
2030	5.68	63.50	-57.82
2040	4.69	63.50	-58.81

NOx Emissions Estimates Eastern Massachusetts Ozone Nonattainment Area (tpsd)

Year	NOx Action Emissions	NOx Budget	Difference (Action – Budget)
2012	116.97	n/a	n/a
2020	27.24	174.96	-147.72
2030	20.63	174.96	-154.33
2040	14.02	174.96	-160.94

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The emissions from the following MPOs have been combined to show conformity with the SIP for the Western Massachusetts Nonattainment Area:

- Berkshire Region MPO
- Franklin Regional Council of Governments*
- Pioneer Valley MPO

* This region does not contain any official urbanized areas, but is considered to be an MPO for planning purposes.

VOC Emissions Estimates Western Massachusetts Ozone Nonattainment Area (tpsd)

	Year	VOC Action Emissions	VOC Budget	Difference (Action – Budget)
2020	2012	3.61	n/a	n/a
		1.08	10.73	-9.65
	2030	1.02	10.73	-9.71
	2040	0.96	10.73	-9.77

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NOx Emissions Estimates Western Massachusetts Ozone Nonattainment Area (tpsd)

Year	NOx Action Emissions	NOx Budget	Difference (Action – Budget)
2012	13.10	n/a	n/a
2020	5.03	27.73	-22.70
2030	3.97	27.73	-23.76
2040	2.92	27.73	-24.81

Based on the preceding results, MassDOT Planning has found that the combined emission levels from transportation projects contained in the 2016 Regional Transportation Plans and 2019–2023 Transportation Improvement Programs – for both former ozone nonattainment areas in Massachusetts – demonstrate conformity with the SIP, the Clean Air Act, and the EPA conformity regulations (40 CFR part 51).

Through the interagency air quality consultation process (involving U.S. Department of Transportation, EPA, DEP, MassDOT, and the MPOs) the latest EPA rulemakings, and the referenced legislative background and legal issues, currently applicable ozone standards, area designations, and requirements were all reviewed.

The ozone analysis outlined in this section demonstrates that the implementation of the 2016 RTPs and each MPO's 2019–2023 TIP meets the “budget test,” and therefore satisfy the air quality ozone and carbon monoxide conformity criteria, and is consistent with the air quality goals in the Massachusetts SIP.