State Transportation Improvement Program

2017-2021

massDOT
Massachusetts Department of Transportation



August 16, 2016

I am pleased to present the Massachusetts Department of Transportation's State Transportation Improvement Program (STIP) for Federal Fiscal Years 2017-2021. This five-year program will help to realize Governor Charles D. Baker'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 through our metropolitan planning process, which includes input from individuals, public agencies, and our state and federal partners. To accomplish our transportation goals, the STIP's investment program includes nearly $7.4 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 I invite your input on this document.

Sincerely,

Stephanie Pollack
Secretary & CEO

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For the reader, this document is divided into five major sections:

Introduction

- Overview contains narratives, certifications, and descriptions necessary for submission to appropriate federal and state reviewing agencies

Public outreach

- Details public outreach program employed to solicit input for the development of the STIP

Funding overview

- Description of highway and transit funding sources for the 2017-2021 STIP.

Investments

- Lists all roadway, bicycle, pedestrian, and transit investments programmed in regional TIPs, as well as those funded on a statewide basis.

Appendices

- Contains a status-to-date of the FFY2016 program, air quality determination, GHG emmissions analysis, and source documents used by MassDOT and the MPOs in the development of the STIP and the regional TIPs

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 administrated 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:

Title VI Specialist
MassDOT, 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 សូមទាក់ទកអ្នកឯកទេសលើជំពូកទី**6** របស់**MassDot** តាមរយៈលេខទូរស័ព្ទ **857-368-8580**

Arabic: 857-368-إن كنت بحاجة إلى هذه المعلومات بلغة أخرى، يُرجى الاتصال بأخصائي الفقرة السادسة على الهاتف 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: 9:00am to 5:00pm

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

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 MBTA, the MassDOT Highway and Rail and Transit Divisions, MassDOT Federal Aid Programming 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.

Certifications

Self-Certification for the Commonwealth of Massachusetts

Compliance with Applicable Federal Regulation

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

- 23 USC 134 and 135, 49 USC Sections 5303 and 5304, and this subpart;
- Title VI of the Civil Rights Act of 1964, as amended (42 USC 2000 d-1) and the Title VI assurance (23 USC Section 324) and 49 CFR part 21;
- 49 USC 5332, prohibiting discrimination on the basis of race, color, creed, national origin, sex, or age, in employment or business opportunity;
- Section 1101 (b) of the MAP-21 (Public Law. 112-141) and 49 CFR 26 regarding the involvement of Disadvantaged Business Enterprises in US DOT funded projects;
- 23 CFR part 230 regarding implementation of an equal employment opportunity program on federal and federal aid highway construction contracts;
- The provisions of the Americans with Disabilities Act of 1990 (42 USC 12101 *et. seq*.) and 49 CFR parts 27, 37 , and 38;
- Sections 174 and 175 (c) and (d) of the Clean Air Act, as amended {42 USC 7504, 7506 (c) and (d)} and 40 CFR part 93;
- The Older Americans Act, as amended by 42 USC 6101 prohibiting on the basis of age in programs and activities receiving Federal financial assistance;
- Section 324 of Title 23 USC regarding prohibition of discrimination based on gender;
- Section 504 of the Rehabilitation Act of 1973 (29 USC 794) and 49 CFR part 27, regarding discrimination against individuals with disabilities;
- Anti-lobbying provisions found at 49 USC part 20 and 23 CFR 630.112;

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

_____ _____

Stephanie Pollack **Date**
Secretary & CEO

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 **Date**
Secretary & CEO

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 2017-2021 Massachusetts State Transportation Improvement Program is not required because most of the state (with limited exceptions) was designated in April 2016 by the United States Environmental Protection Agency as "unclassifiable/attainment" for the latest ozone standard;

Whereas, all regionally significant transportation projects in the 2017-2021 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 2017-2021 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 2017-2021 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 2017 - 2021 State Transportation Improvement Program.

_____ _____

Stephanie Pollack **Date**
Secretary & CEO

Acronyms

AC	Advanced Construction
ADA	Americans with Disabilities Act of 1990
ADV	Advertised
BR	Bridge
BRT	Bus Rapid Transit
BSG	Bay State Greenway
CAAA	1990 Clean Air Act Amendments
CMAQ	Congestion Mitigation and Air Quality Improvement Program
CTPS	Central Transportation Planning Staff
DIST	District
EJ	Environmental Justice
EMS	Emergency Medical Services
ENV	Environment
EPA	Environmental Protection Agency
FAPRO	Federal Aid Programming and Reimbursement Office
FAST Act	Fixing America's Surface Transportation Act
FFY	Federal Fiscal Year
FHWA	Federal Highway Administration
FTA	Federal Transit Administration
GHG	Greenhouse Gas
HSIP	Highway Safety Improvement Program
ICB	Intercity Bus
IM	Interstate Maintenance
MAP	Mobility Assistance Program
MAP-21	Moving Ahead for Progress in the 21st Century
MAPC	Metropolitan Area Planning Council
MARPA	Massachusetts Association of Regional Planning Agencies
MARTA	Massachusetts Association of Regional Transit Authorities
MassDOT	Massachusetts Department of Transportation
OTP	Office of Transportation Planning
MBTA	Massachusetts Bay Transportation Authority
MPO	Metropolitan Planning Organizations
NFA	Non-Federal Aid
NHFP	National Highway Freight Program
NHPP	National Highway Performance Program
NHS	National Highway System
PL	Planning Funds
PPP	Public Participation Plans
PROJ NO	Project Number
ROW	Right of Way
RPA	Regional Planning Agency
RTACAP	RTA Capital Assistance
RTAs	Regional Transit Authorities
RTPs	Regional Transportation Plans
SCA	State Contract Assistance
SHSP	Strategic Highway Safety Plan
SRTS	Safe Routes to School
STIP	State Transportation Improvement Program
STP	Surface Transportation Program
TAP	Transportation Alternatives Program
TDC	Transportation Development Credit
TFPCC	Total Federal Participating Construction Cost
TIP	Transportation Improvement Program
Title VI	Title VI of the Civil Rights Act of 1964

STIP Development

The Commonwealth of Massachusetts' State Transportation Improvement Program (STIP) is a federally-mandated, prioritized listing of highway, bridge, intermodal, and transit investments expected to be undertaken during the next five federal fiscal years (FFY): FFY 2017 through FFY 2021. The document is a compilation of local, regional and state transportation priorities that will be implemented with funding provided by the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA), along with investments that impact air quality regardless of the type of funding. The STIP must be financially-constrained to the federal amounts allocated to Massachusetts. These investment lists undergo a comprehensive annual review and revision and are updated as needed to reflect changes including cost variations, project readiness, or shifting priorities that occur throughout the FFY. The lists include projects programmed by the state's ten Metropolitan Planning Organizations (MPOs) and the three regional planning entities that function as MPOs for their respective regions.

MassDOT includes four Divisions: Highway, Rail and Transit, Aeronautics, and the Registry of Motor Vehicles. Below are brief descriptions of each of the Divisions.

- The Highway Division is responsible for managing the state highway system. The Division was created by merging the Massachusetts Highway Department with the Massachusetts Turnpike Authority, and also includes the Tobin Memorial Bridge.
- The Rail & Transit Division is responsible for the development, implementation and oversight of statewide rail policies and programs as well as for the Commonwealth's fifteen Regional Transit Authorities (RTAs) and the Massachusetts Bay Transportation Authority (MBTA).
- The Aeronautics Division is responsible for coordinating aviation policy in the Commonwealth and overseeing the state's public use, general aviation airports; private use landing areas; and seaplane bases. The Division also certifies airports and heliports, licenses airport managers, and conducts annual airport inspections.
- The Registry of Motor Vehicles Division is responsible for issuing vehicle operator licensing, vehicle and aircraft registration and overseeing commercial and non-commercial vehicle inspection stations.

What is an MPO?

An MPO is a federally-mandated regional body made up of local, regional and state officials. The MPO is responsible for transportation planning and for programming investments using federal transportation funds. In Massachusetts, each MPO has at least four common members: the MassDOT Secretary & CEO, who acts as chair; the MassDOT Highway Division Administrator; a representative from the respective Regional Planning Agency (RPA); and a RTA. 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 - MPOs in Massachusetts***.

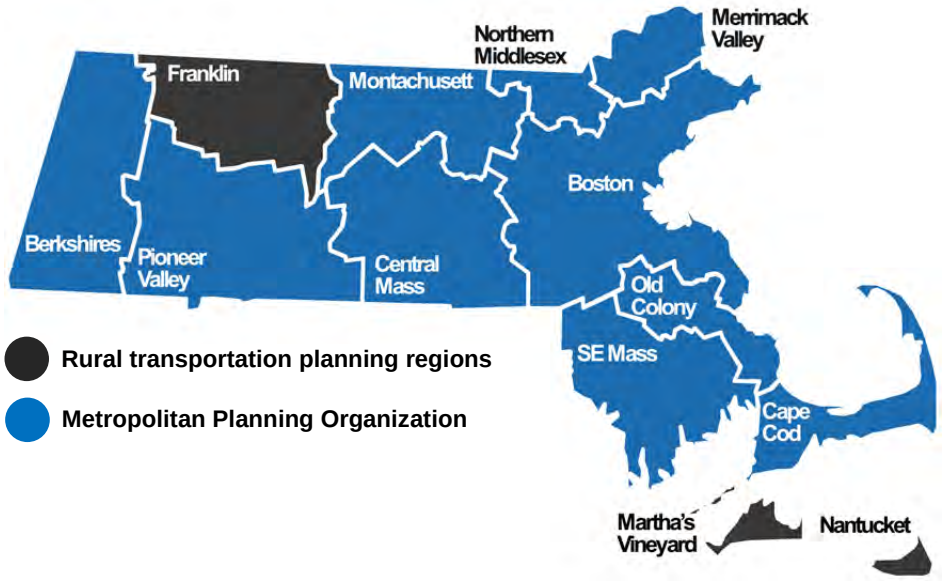


Figure 1 - MPOs in Massachusetts

Are RPAs and MPOs the same thing?

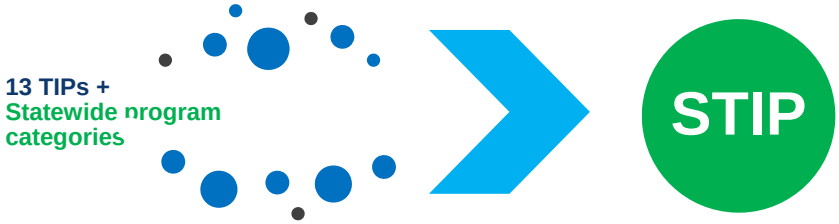
RPAs and MPOs can be confusing because they encompass identical geographical boundaries in Massachusetts. The difference between MPOs and RPAs is that they serve different functions, and the terms should not be used interchangeably. A key distinction is that the MPO is the decision-making body that includes representatives from state agencies, RTAs, and municipalities, and the MPO is the entity that makes decisions on transportation investment programming. By contrast, a representative of the RPA serves as a member of the MPO, and MassDOT has a contracted agreement with each RPA to serve as staff to do the transportation planning, data collection and analysis that supports the MPO's decision-making. For the Boston MPO, MassDOT has hired an independent group, the Central Transportation Planning Staff (CTPS), to 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.

STIP Basics

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

What is the STIP?

The State Transportation Improvement Program (STIP) is a compilation of the thirteen regional Transportation Improvement Programs prepared annually by the state's 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.



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 a roadway component and a transit component.

What is the STIP development timeline?

March	• Financial guidance developed to guide asset managers and MPOs
April	• MassDOT provides regional target funding projections to MPOs so that they can prioritize investments
May June	• MPOs draft TIPs in partnership with stakeholders
June July	• MPOs endorse TIPs
July Aug	• MassDOT prepares STIP and sends to agency partners for review and approval
Sept	• USDOT, EPA and DEP approve STIP
Oct	• MassDOT can advertise projects for construction

Figure 2 - STIP development timeline

How are regional target funds set for the TIPs?

MassDOT receives a funding "authorization" or estimate of total federal funding available from the Federal Highway Administration (FHWA). In recent years, this authorization has been approximately $600 million, though this will increase with FAST Act authorizations. Congress reviews the 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 funding MassDOT can in spend federal funding each year.

A portion of the federal highway funding allocated to Massachusetts is directly transferred to the Accelerated Bridge Program. MassDOT Highway Division, OTP, and FAPRO jointly examine the remaining funds and determine how much of that amount is required for statewide needs, such as Interstate Maintenance, district-wide contracts, planning, and transportation demand management. When funding for statewide needs is deducted from the total, the remainder is distributed to the MPOs by formula as target funds for each regional TIP (see ***Figure 3 - Regional target funding***). The distribution is determined according to a formula that is primarily based on each MPO's road mileage and population. The formula for distribution among the MPOs was developed by the Massachusetts Association of Regional Planning Agencies (MARPA), and is known as the "MARPA formula." Funding for RTAs is formula based from FTA.

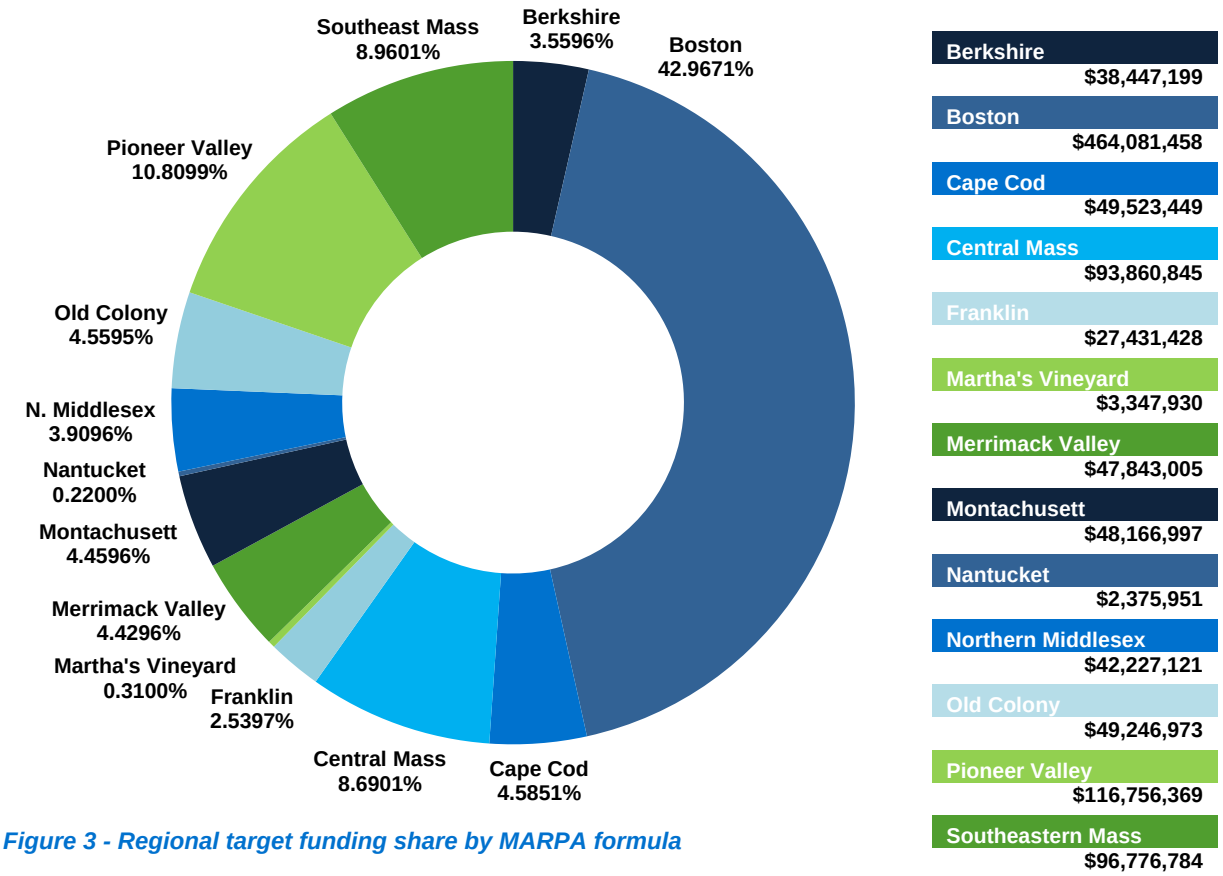


Figure 3 - Regional target funding share by MARPA formula

What is fiscal constraint and year of expenditure?

Each year, MassDOT demonstrates and reports 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 fiscally constrained in two ways. The first constraint is that our investments do not exceed the annual STIP obligational authority (OA). OA is defined as the total amount of funds that may be obligated in a given fiscal year, which is typically $600 million. The second constraint is that a zero or positive balance is maintained for each funding type (CMAQ, NHPP, STP, etc.) for each year of the STIP. See Appendix 3 for fiscal constraint tables for highway and transit. Year of expenditure is a mechanism to ensure that inflation is considered in project cost estimates. Each year after 2017, a four percent inflation factor is applied to project cost estimates.

Transportation Bond Bill Funding

The Massachusetts Legislature pass transportation bond bills to provide resources for investments in our transportation system. These pieces of legislation provide the Administration with authorization to issue bonds to support transportation capital expenditures. These expenditures include matching funds for federally-funded TIP and STIP investments; Chapter 90 reimbursement funds for local transportation projects; and bond authorizations for specific projects identified through the legislative process. The Administration issues bonds at its discretion, subject to legislative authorization in the transportation bond bills and subject to overall "bond cap" limits on the Commonwealth's debt obligations.

How is a TIP developed?

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

The TIP development process begins with a public announcement and solicitation of investments from community partners to be recommended for TIP programming. Based on public input and a scoring of projects, the 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 thirty-day public comment period. During this time, the TIP is reviewed by the MPO's advisory committee and adjusted based on public comment. Finally, the MPO meets to formally endorse the TIP. All the regional TIPs are then compiled into the State Transportation Improvement Program. The TIP must be in place every year by October 1st, the first day of the federal fiscal year.

Many investments programmed on the regional TIPs include both federal aid and NFA funding sources. Major NFA investments may also affect federally-regulated air quality conformity, and must therefore also be listed in the STIP.

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 of a TIP "amendment," a process that can take up to twelve weeks. In some cases, however, the change can be accomplished through a TIP "adjustment," with a less formal MPO notification process. 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 thirty days, and the amendment is posted to the MassDOT STIP webpage. To be notified about STIP amendments, please sign-up through the STIP webpage located at:

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

How are projects prioritized?

As projects progress through the development process, funding needs to be identified in order for them to be constructed. Though projects are associated with a demonstrated need, there is not enough funding to construct every project. Therefore, MassDOT and our MPO partners utilize an evaluation process to consider the merits of each project. MPOs use established Transportation Evaluation Criteria to score projects, while MassDOT utilizes asset management systems and a new evaluation system starting in 2017. This evaluation system is multimodal and an outcome of the Project Selection Advisory Council. After evaluation, MPOs convene to choose projects for the regional TIP. Stakeholders are encouraged to participate in the project prioritization process, as well as community-based organizations, such as advocates and social service agencies, to assure that the views and opinions of all transportation users are incorporated into the decision making process.

Federal Emphasis Areas

Transition to Performance Based Planning

The Federal Highway Administration (FHWA) is currently working with states and MPOs to transition toward implementation of a performance based approach to carrying out the Federal Highway Program known as Transportation Performance Management. This transition was established under MAP-21 and is continued under the current federal transportation authorization "Fixing America's Surface Transportation" (FAST Act). This legislation integrated performance management into many federal transportation programs and contains several elements. The national performance goals for the Federal highway programs are as follows:



Figure 4 - National performance goals from MAP-21

FHWA is publishing a Notice of Proposed Rulemaking (NPRM) in the Federal Register for national performance management measure regulations to assess the performance of federal funding programs and the planning process. Three related NPRMs that together establish a set of performance measures for State DOTs and MPOs to use have been published.

As each of the NPRMs are finalized, the Commonwealth will be required to establish targets and begin implementing performance measures, which the MPOs will have 6 months from the time of DOT implementation to adopt.

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

Models of Regional Planning Cooperation

This initiative from FHWA seeks to develop multi-jurisdictional transportation plans and agreements to improve communication, collaboration, policy implementation, technology use, and performance management across agency boundaries. The goal is an enhanced process for effective communication used by state DOTs, MPOs, and transit authorities which can result in improved collaboration, policy implementation, technology use, and performance management. MassDOT collaborates with our MPO partners and RTAs throughout the year, but most intensively through MARPA, including the Transportation Managers' Group and the Massachusetts Association of Regional Transit Authorities (MARTA).

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 reinforces the point that the 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.

2017-2021 STIP Overview

Investments

The 2017-2021 STIP has prioritized investments in all of our transportation modes – roadways, bicycle and pedestrian networks and transit systems – so MassDOT and our regional partners can continue improving the transportation system our customers rely on making it robust, more reliable, resilient, and ready to promote economic development, livability, and sustainability. Highlights of the investments programmed in the 2017-2021 STIP are:

$180 million in bicycle and pedestrian investments
$212 million for Interstates
$760 million for improvements to bridge health
$3.6 billion for transit systems statewide

Public participation

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 TIPs across the Commonwealth, providing ample 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 in 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 the state, of regional partners, of communities, and of the public at large.

Opportunities to Set Priorities

Why is public participation important?

To successfully achieve desired outcomes of our transportation system – such as economic development, quality of life, sustainable mobility, access to jobs, education, medical care, recreation and goods and services – MassDOT needs robust public involvement to assist us in identifying needs and priorities to accomplish our goals. This requires the full inclusion of residents and businesses to gain a diversity of perspectives from across the Commonwealth to influence the transportation planning process. MassDOT employs two strategies to encourage this participation: regionally and statewide based engagement through our MPO partners.

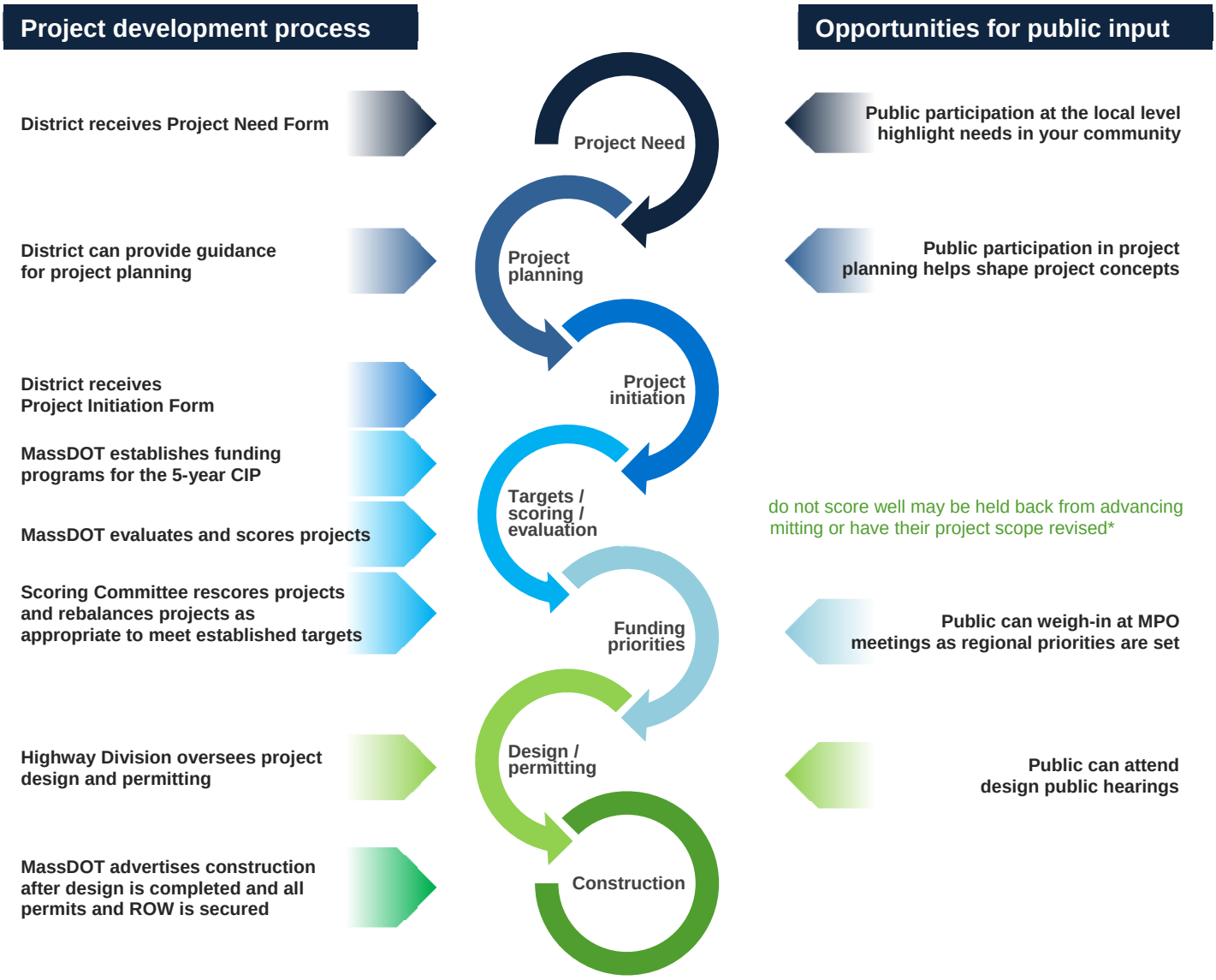
How are transportation investments identified?

Transportation investments are identified when our customers communicate their needs and priorities to local communities, regional partners, such as RTAs and MassDOT, often through planning studies. That feedback, coupled with asset management, creates an inventory of needs to be evaluated for strategic investment into our transportation system at the local and statewide level.

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.

Roadway, bridge, bicycle and pedestrian investments are initiated by communities and MassDOT though the MassDOT Highway Division Project Development Process (Figure 5). Communities will formulate a project concept based on the needs, and before presenting the project concept to MassDOT, are expected to engage residents and businesses to further refine the needs 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.

Figure 5 - Project development timeline 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.*

How do MPOs involve the public?

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.

How does MassDOT involve the public?

Since the STIP is a compilation of regional TIPs – containing both state and regional projects – MassDOT utilizes the public outreach program of the MPOs to gain feedback and hear regional perspectives. Once the STIP is assembled, a draft version is published on MassDOT's website (http://www.massdot.state.ma.us/planning/Main/StatewidePlans/StateTransportationImprovementProgram.aspx) and MPOs are requested to inform their stakeholders of the opportunity to comment. The STIP webpage provides an option to sign up for notifications of changes to the STIP, which is an excellent resource for the Commonwealth's residents to remain informed and up to date on transportation projects throughout the Commonwealth. After the close of a 30-day comment period, MassDOT summarizes and considers all comments received, and includes the comments received in the Appendix.

How do I participate?

Anyone can be added to an MPO's public outreach contact list by contacting the MPO. Receiving updates from an MPO is an excellent way for community members to stay up to date on transportation projects and planning studies in their region. During the development of a regional TIP, members of the public are encouraged to participate in the selection and programming of projects. Information about the TIP development process, schedule of workshops, and meetings are available on each of the MPO's websites, which can be accessed here: https://www.massdot.state.ma.us/planning/Main/PlanningProcess/RegionalPlanning.aspx.

What is the role of advisory committees?

These committees advise the MPOs on regional transportation issues and normally 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 the MPO on regional priorities.

How does MassDOT work towards transportation equity?

Title VI and Environmental Justice

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

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

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

The Americans with Disabilities Act

Under Title II of the Americans with Disabilities Act (ADA), MassDOT's programs, services, activities, and facilities must be accessible to people with disabilities. In the STIP context, this accessibility obligation reaches the transportation projects and plans reflected in the document and the public engagement processes, both regionally and statewide, related to these efforts. This means that public meetings must be held in accessible locations and materials must be made available in accessible formats. Any accessibility related requests can be directed to the point of contact identified in the Title VI Notice to Beneficiaries on page 9.

Investments highway

Highway Funding Overview

The Federal Highway Administration provides funding for investments into our multimodal transportation system. MassDOT divides the federal highway funding that it receives between "regional target funding," 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 principally on the state-owned transportation system. Each MPO's regional target funding is composed of its respective share of Surface Transportation Program (STP), Congestion Mitigation and Air Quality Improvement Program (CMAQ), Highway Safety Improvement Program (HSIP), and Transportation Alternatives Program (TAP) funding. Statewide funding that is allocated at MassDOT's discretion includes funding from all the federal highway sources listed below.

National Highway Freight Program (NHFP)

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

National Highway Performance Program (NHPP)

NHPP provides support for the condition and performance of the National Highway System (NHS), including Interstate and non-Interstate routes and bridges. These investments ensure that federal-aid funds in highway construction are directed to support progress toward the achievement of performance targets. NHPP investments must be on an eligible facility and support progress toward achievement of national performance goals for improving infrastructure condition, safety, mobility, or freight movement on the NHS, and be consistent with Metropolitan and Statewide planning requirements.

Highway Safety Improvement Program (HSIP)

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 a given state's data-driven State Strategic Highway Safety Plan (SHSP) and corrects or improves a hazardous road location or addresses a highway safety problem.

Surface Transportation Program (STP)

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

Figure 6 - Federal highway funding by program 2017-2021, in millions

	2017	2018	2019	2020	2021
Base federal highway funding	585.53	598.18	611.68	626.33	626.33
Redistribution funding (estimated by FHWA)	29.47	26.82	18.32	8.67	13.67
Total obligation authority ►	**615.00**	**625.00**	**630.00**	**635.00**	**640.00**
Accelerated Bridge Program GANs repay	59.15	68.46	73.53	77.95	82.59
Total federal funding w/ match ►	**680.75**	**686.12**	**686.78**	**695.14**	**689.34**
Statewide infrastructure items ▼	**210.86**	**214.84**	**219.08**	**223.65**	**284.15**
Infrastructure	*15.00*	*10.63*	*12.50*	*15.00*	*73.75*
Statewide HSIP	*26.97*	*29.40*	*33.08*	*29.40*	*29.40*
SRTS	*6.25*	*7.50*	*6.25*	*6.25*	*6.25*
Statewide CMAQ	*15.00*	*53.75*	*38.75*	*42.00*	*42.00*
Intelligent Transportation Systems	*12.50*	*12.50*	*12.50*	*12.50*	*12.50*
Interstate maintenance	*70.00*	*37.00*	*33.00*	*36.00*	*36.00*
*National Freight Program**	--	--	--	--	--
National Highway System preservation	*45.00*	*51.25*	*74.00*	*75.00*	*75.00*
Railroad grade crossings	*8.89*	*5.31*	*4.75*	*2.50*	*2.50*
Stormwater retrofits	*6.25*	*7.50*	*2.50*	*5.00*	*5.00*
ADA implementation plan	*5.00*	*0.00*	*1.75*	*0.00*	*1.75*
Other statewide items ▼	**66.49**	**78.89**	**67.81**	**73.98**	**67.69**
Award adjustments, change orders, etc.	*31.33*	*42.44*	*31.25*	*36.16*	*28.60*
Planning	*28.38*	*28.37*	*28.27*	*29.32*	*30.37*
Recreational trails	*1.48*	*1.48*	*1.48*	*1.48*	*1.48*
DBEs, Misc programs	*1.00*	*1.00*	*1.00*	*1.00*	*1.00*
Design and right of way	*4.30*	*5.59*	*5.81*	*6.02*	*6.24*
Regional major infrastructure projects ▼	**9.00**	**0.00**	**0.00**	**0.00**	**0.00**
Regional major infrastructure projects	*9.00*	*0.00*	*0.00*	*0.00*	*0.00*
Statewide bridge program ▼	**186.82**	**176.82**	**184.32**	**176.82**	**116.82**
Bridge maintenance program	*10.00*	*10.00*	*10.00*	*10.00*	*10.00*
Bridge replacement and rehabilitations	*170.57*	*160.57*	*168.07*	*160.57*	*100.57*
Bridge inspections	*6.25*	*6.25*	*6.25*	*6.25*	6.25
Regional target funding for MPOs ▼	**207.58**	**215.58**	**215.58**	**220.68**	**220.68**
Regional CMAQ	*31.25*	*25.00*	*25.00*	*25.00*	*25.00*
Regional HSIP	*10.00*	*10.00*	*10.00*	*10.00*	*10.00*
Regional TAP	*7.36*	*5.69*	*5.68*	*5.61*	*5.86*
Regional non-CMAQ/HSIP/TAP	*158.97*	*174.88*	*174.90*	*180.07*	179.82
Target funding split by formula ▼	**207.58**	**215.58**	**215.58**	**220.68**	**220.68**
Berkshire MPO	*7.39*	*7.67*	*7.67*	*7.86*	*7.86*
Boston MPO	*89.19*	*92.63*	*92.63*	*94.82*	*94.82*
Cape Cod MPO	*9.52*	*9.88*	*9.88*	*10.12*	*10.12*
Central Mass MPO	*18.04*	*18.73*	*18.73*	*19.18*	*19.18*
Franklin TPO	*5.27*	*5.48*	*5.48*	*5.60*	5.60
Martha's Vineyard	*0.64*	*0.67*	*0.67*	*0.68*	*0.68*
Merrimack Valley MPO	*9.19*	*9.55*	*9.55*	*9.78*	*9.78*
Montachusett MPO	*9.26*	*9.61*	*9.61*	*9.84*	*9.84*
Nantucket	*0.46*	*0.47*	*0.47*	*0.49*	*0.49*
Northern Middlesex MPO	*8.12*	*8.43*	*8.43*	*8.63*	*8.63*
Old Colony MPO	*9.46*	*9.83*	*9.83*	*10.06*	*10.06*
Pioneer Valley MPO	*22.44*	*23.30*	*23.20*	*23.86*	*23.86*
Southeastern Mass MPO	*18.60*	*19.32*	*19.32*	*19.77*	*19.77*

MassDOT repayment of bonds for Accelerated Bridge Program

Funding shifted to regional target funding starting in 2017

MPOs prioritize projects that utilize CMAQ, HSIP, and STP TAP funds

The % breakdown can be found in Figure 3

Funding shown here for regions includes CMAQ, HSIP, TAP and STP

*Please see program description on page 28.

Congestion Mitigation and Air Quality Improvement Program (CMAQ)

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

In Massachusetts, a portion of CMAQ funding is prioritized and programmed by 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 represent MassDOT, DEP, USDOT, Environmental Protection Agency (EPA), and the MPOs. In addition to funding MPO-selected investments, MassDOT has a statewide CMAQ program. The Commonwealth uses the statewide CMAQ program as a way to support a number of projects and initiatives, including the increased use of alternative fuels; construction of shared-use paths, and the MassRIDES Travel Options program.

Transportation Alternatives Program (TAP)

TAP is a competitive program that funds a variety of transportation investment types, including projects that previously would have been eligible for funding under formally separate programs: Transportation Enhancements, Recreational Trails, and Safe Routes to School programs. The funds are split 50/50 between a statewide allocation of the funds and nine of the MPOs in the Commonwealth (Berkshire, Franklin, Martha's Vineyard and Nantucket are too small in population per MAP-21 to receive such funds). MassDOT prioritizes Safe Routes to School investments sponsored by communities and the MPOs use their Transportation Evaluation Criteria to select their TAP investments. MassDOT and MPOs are not eligible project sponsors.

Earmarks

Certain funding categories are investment-specific, i.e. funds are 'earmarked' only for use in the development of that investment. These earmarks had been included in federal transportation authorizations and annual appropriations. This practice has since ended in Congress, though some earmarks are still available for their designated investment.

Highway Investments

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2017

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 / FEDERAL AID TARGET PROJECTS										
CMAQ - Congestion Mitigation and Air Quality Improvement Program										
2017	604810	BOSTON	MARLBOROUGH	MARLBOROUGH- RECONSTRUCTION OF ROUTE 85 (MAPLE STREET)	3	CMAQ	$2,000,000	$1,600,000	$400,000	HSIP+CMAQ+STP Total Cost = $5,613,636
2017	607309	BOSTON	HINGHAM	HINGHAM- RECONSTRUCTION & RELATED WORK ON DERBY STREET, FROM POND PARK ROAD TO CUSHING STREET	5	CMAQ	$3,195,430	$2,556,344	$639,086	HSIP+CMAQ+TAP Total Cost = $4,927,769
2017	1570	BOSTON	MULTIPLE	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	NA	CMAQ	$13,427,220	$10,741,776	$2,685,444	funding flexed to FTA; match provided by local contributions; STP+CMAQ+Section 5309 (Transit)
2017	CC2000	CAPE COD		Cape Cod Bicycle Rack Program	5	CMAQ	$100,000	$80,000	$20,000	Total programmed = $100,000. CMAQ analysis complete. Funds to be applied for by municipalities. Score = 52.
2017	CC1000	CAPE COD	BARNSTABLE	BARNSTABLE - HYANNIS LOOP DEMONSTATION	5	CMAQ	$685,464	$685,464	$0	$685,464 TRANSFER TO FTA, CMAQ Year 2 of 3 ($685,464 CMAQ with $171,366 CCRTA SCA match for $856,830 Total Cost). Score = 60.
2017	606707	CAPE COD	DENNIS	DENNIS- CORRIDOR AND STREETSCAPE IMPROVEMENTS ON MAIN STREET (ROUTE 28) FROM DENNIS COMMONS DRIVE TO UPPER COUNTY ROAD.	5	CMAQ	$647,393	$517,914	$129,479	Total programmed = $5,597,012 = $458,514 HSIP + $647,393 CMAQ $193,036 TAP + $4,298,069 STP. 75% design submitted. CMAQ analysis completed. RSA completed. Municipality is proponent. Score = 79.
2017	606206	CENTRAL MASSACHUSETTS	OXFORD	OXFORD - RECONSTRUCTION OF CHARLTON STREET, BETWEEN MAIN STREET AND DUDLEY ROAD	3	CMAQ	$1,000,000	$800,000	$200,000	Construction / TEC Score = 4.6 / Design Status = 75% / CMAQ + STP Total Project Cost = $5,722,150
2017	604585	MERRIMACK VALLEY		FLEX TO FTA FOR MVRTANEW BUS UPGRADE TOCLEANER FUEL BUSES	4	CMAQ	$645,840	$516,672	$129,168	Total Project Cost = $645,840 Transfer to FTA (C)
2017	607573	MERRIMACK VALLEY	HAVERHILL	HAVERHILL - RECONSTRUCTION ON ROUTE 97 (BROADWAY), FROM SILVER BIRCH LANE TO RESEARCH DRIVE	4	CMAQ	$738,397	$590,718	$147,679	Total Project Cost = $6,526,912 FY 2017 STP & CMAQ (Construction) TEC = 7.25 out of 18. (C)
2017	606124	MONTACHUSETT	MULTIPLE	FITCHBURG- LUNENBURG- LEOMINSTER- RECONSTRUCTION OF SUMMER STREET AND NORTH STREET	3	CMAQ	$994,860	$795,888	$198,972	CMAQ/TAP; Total Cost = $9,939,131 Non-Adjusted for YOE; Non Adjusted Total Cost = $9,939,131 as of 6/20/16; 75% returned (12/23/14); Public Hearing 7/22/15; TEC 50 of 100; Not HSIP Eligibile; Construction; AC Yr 1 of 2; AC Yr 2 Cost = $8,823,515;
2017	608036	NORTHERN MIDDLESEX	WESTFORD	WESTFORD- INTERSECTION IMPROVEMENTS @ GROTON ROAD (ROUTE 40) & OAK HILL ROAD	3	CMAQ	$1,221,753	$977,402	$244,351	HSIP + CMAQ Total Cost $3,000,000; Construction; TEC Score 6.77 out of 18.
2017	608181	NORTHERN MIDDLESEX	BILLERICA	BILLERICA- INTERSECTION & SIGNAL IMPROVEMENTS AT ROUTE 3A (BOSTON ROAD) AND ALLEN ROAD	4	CMAQ	$922,753	$738,202	$184,551	CMAQ + TAP + Non-CMAQ/HSIP/TAP Total Cost $2,617,685; Construction; TEC Score 5.52 out of 18.

2017

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2017	605038	OLD COLONY	PLYMOUTH	PLYMOUTH- RECONSTRUCTION OF TAYLOR AVENUE, FROM WHITE HORSE ROAD TO MANOMET POINT ROAD, INCLUDES BRIDGE REPLACEMENT OF P-13-010	5	CMAQ	$1,424,858	$1,139,886	$284,972	YOE is $8,829,256; $1,424,858 Section 1A CMAQ + $7,404,398 Section 1A STP; 100% Design; TEC Score is 8.00; Phase is Construction.
2017	606903	PIONEER VALLEY	HOLYOKE	HOLYOKE- IMPROVEMENTS TO LOWER WESTFIELD ROAD ON I-91 (INTERCHANGE 15)	2	CMAQ	$1,700,004	$1,360,003	$340,001	38.5 TEC Pre 25% (YOE $1,700,004) STP
2017	PV0001	PIONEER VALLEY	MULTIPLE	PIONEER VALLEY REGIONAL BICYCLE SHARE (PHASE 1)	2	CMAQ	$1,171,971	$937,577	$234,394	46.5 TEC Score Regional Project CMAQ
				CMAQ - CONGESTION MITIGATION AND AIR QUALITY IMPROVEMENT PROGRAM SUBTOTAL:			$29,875,943	$24,037,846	$5,838,097	

HSIP - Highway Safety Improvement Program

2017	604810	BOSTON	MARLBOROUGH	MARLBOROUGH- RECONSTRUCTION OF ROUTE 85 (MAPLE STREET)	3	HSIP	$3,397,727	$3,057,954	$339,773	HSIP+CMAQ+STP Total Cost = $5,613,636
2017	604935	BOSTON	WOBURN	WOBURN- RECONSTRUCTION OF MONTVALE AVENUE, FROM I-93 INTERCHANGE TO CENTRAL STREET (APPROX. 1,850 FT)	4	HSIP	$3,564,628	$3,208,165	$356,463	STP+HSIP Total Cost = $4,752,838
2017	607309	BOSTON	HINGHAM	HINGHAM- RECONSTRUCTION & RELATED WORK ON DERBY STREET, FROM POND PARK ROAD TO CUSHING STREET	5	HSIP	$985,554	$886,999	$98,555	HSIP+CMAQ+TAP Total Cost = $4,927,769
2017	606707	CAPE COD	DENNIS	DENNIS- CORRIDOR AND STREETSCAPE IMPROVEMENTS ON MAIN STREET (ROUTE 28) FROM DENNIS COMMONS DRIVE TO UPPER COUNTY ROAD.	5	HSIP	$458,514	$412,663	$45,851	Total programmed = $5,597,012 = $458,514 HSIP + $647,393 CMAQ $193,036 TAP + $4,298,069 STP. 75% design submitted. CMAQ analysis completed. RSA completed. Municipality is proponent. Score = 79.
2017	602740	CENTRAL MASSACHUSETTS	SHREWSBURY	SHREWSBURY - RESURFACING & RELATED WORK ON MAIN STREET, FROM I-290 RAMPS EASTERLY TO MAPLE AVENUE	3	HSIP	$881,000	$792,900	$88,100	Construction / TEC Score = 4.6 / Design Status = 75% / HSIP + STP + TAP + SW CMAQ Total Project Cost = $6,278,484
2017	608036	NORTHERN MIDDLESEX	WESTFORD	WESTFORD- INTERSECTION IMPROVEMENTS @ GROTON ROAD (ROUTE 40) & OAK HILL ROAD	3	HSIP	$1,778,247	$1,600,422	$177,825	HSIP + CMAQ Total Cost $3,000,000; Construction; TEC Score 6.77 out of 18.
2017	605011	PIONEER VALLEY	LUDLOW	LUDLOW- RECONSTRUCTION OF CENTER STREET (ROUTE 21), FROM 35' WEST OF BEACHSIDE DRIVE WESTERLY TO GAS LINE BESIDE MTA OVERPASS (3,500 FEET)	2	HSIP	$1,080,992	$972,893	$108,099	40 TEC, 25% (YOE $5,485,350) STP, HSIP
2017	605372	SOUTHEASTERN MASSACHUSETTS	NORTH ATTLEBOROUGH	NORTH ATTLEBOROUGH - TRAFFIC SIGNAL AND INTERSECTION IMPROVEMENTS @ EAST WASHINGTON STREET (ROUTE 1) & CHESTNUT STREET	5	HSIP	$1,607,851	$1,447,066	$160,785	Total Cost = $1,607,851; EC Construction; Score 27 of 87; Status 100% Eligible for HSIP
				HSIP - HIGHWAY SAFETY IMPROVEMENT PROGRAM SUBTOTAL:			$13,754,513	$12,379,062	$1,375,451	

2017

Non-CMAQ/HSIP/TAP (Other)

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2017	608167	BERKSHIRE	CLARKSBURG	CLARKSBURG- RESURFACING AND RELATED WORK ON ROUTE 8, FROM THE NORTH ADAMS T.L. TO THE VERMONT S.L.	1	STP	$4,348,340	$3,478,672	$869,668	STP; Total Cost =4,348,340; MPO evaluation score 2 of 8; Design Status: <25%
2017	602280	BERKSHIRE	DALTON	DALTON- RECONSTRUCTION OF HOUSATONIC STREET, FROM ROUTE 8 & 9 TO ROUTE 8	1	STP	$340,591	$272,473	$68,118	AC - Year 3 of 3; STP + CMAQ + Statewide CMAQ; Total Cost = 11,181,141; MPO evaluation score 4 of 8; Design Status: 100%
2017	605799	BERKSHIRE	WILLIAMSTOWN	WILLIAMSTOWN- RECONSTRUCTION & RELATED WORK ON ROUTE 43 (WATER STREET)	1	STP	$2,700,000	$2,160,000	$540,000	STP; Total Cost = 2,700,000; MPO evaluation score 4 of 8; Design Status: 75%
2017	604810	BOSTON	MARLBOROUGH	MARLBOROUGH- RECONSTRUCTION OF ROUTE 85 (MAPLE STREET)	3	STP	$215,909	$172,727	$43,182	HSIP+CMAQ+STP Total Cost = $5,613,636
2017	29492	BOSTON	MULTIPLE	BEDFORD- BILLERICA- MIDDLESEX TURNPIKE IMPROVEMENTS, FROM CROSBY DRIVE NORTH TO MANNING ROAD, INCLUDES RECONSTRUCTION OF B-04-006 (PHASE III)	4	STP	$3,796,185	$3,036,948	$759,237	AC Yr 2 of 2; STP+NHPP+TAP+Earmark+Statewide Infrastructure+Northern Middlesex Council of Governments contribution ($1,000,000) Total Cost = $36,735,048
2017	604935	BOSTON	WOBURN	WOBURN- RECONSTRUCTION OF MONTVALE AVENUE, FROM I-93 INTERCHANGE TO CENTRAL STREET (APPROX. 1,850 FT)	4	STP	$1,188,210	$950,568	$237,642	STP+HSIP Total Cost = $4,752,838
2017	603711	BOSTON	MULTIPLE	NEEDHAM- WELLESLEY- REHAB/REPLACEMENT OF 6 BRIDGES ON I-95/ROUTE 128: N-04-020, N-04-021, N-04-022, N-04-026, N-04-027, N-04-037 & W-13-023 (ADD-A-LANE - CONTRACT V)	6	NHPP	$24,539,816	$19,631,853	$4,907,963	AC Yr 4 of 5; NHPP+BR+Statewide Infrastructure Total Cost = $164,919,140 ($26,258,183 programmed within FFYs 2017-21 TIP)
2017	601630	BOSTON	MULTIPLE	WEYMOUTH- ABINGTON- RECONSTRUCTION & WIDENING ON ROUTE 18 (MAIN STREET) FROM HIGHLAND PLACE TO ROUTE 139 (4.0 MILES) INCLUDES REPLACING W-32-013, ROUTE 18 OVER THE OLD COLONY RAILROAD (MBTA)	6	STP	$12,850,000	$10,280,000	$2,570,000	AC Yr 2 of 4; STP+HSIP+TEA-21 Earmark (MA1236)+BR Total Cost = $81,812,268
2017	1570	BOSTON	MULTIPLE	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	NA	STP	$16,472,780	$13,178,224	$3,294,556	funding flexed to FTA; match provided by local contributions; STP+CMAQ+Section 5309 (Transit)
2017	608544	CAPE COD	BOURNE	BOURNE- RESURFACING AND RELATED WORK ON ROUTE 6 & 28 BYPASS ROAD	5	STP	$2,400,000	$1,920,000	$480,000	Total programmed = $2,400,000. Score = 49.
2017	606707	CAPE COD	DENNIS	DENNIS- CORRIDOR AND STREETSCAPE IMPROVEMENTS ON MAIN STREET (ROUTE 28) FROM DENNIS COMMONS DRIVE TO UPPER COUNTY ROAD.	5	STP	$4,298,069	$3,438,455	$859,614	Total programmed = $5,597,012 = $458,514 HSIP + $647,393 CMAQ $193,036 TAP + $4,298,069 STP. 75% design submitted. CMAQ analysis completed. RSA completed. Municipality is proponent. Score = 79.
2017	608102	CAPE COD	HARWICH	HARWICH- IMPROVEMENTS TO PARK AND RIDE FACILITY INCLUDING A NEW BUS SHELTER AT ROUTE 124 PARK AND RIDE	5	STP	$575,000	$460,000	$115,000	Total programmed = $575,000. Score = 52.

2017

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2017	606346	CENTRAL MASSACHUSETTS	LEICESTER	LEICESTER - RESURFACING & RELATED WORK ON ROUTE 56 (PAXTON STREET), FROM MAIN STREET TO HYLAND AVENUE	3	STP	$2,959,267	$2,367,414	$591,853	Construction / TEC Score = 3.4 / Design Status = 100% / Total Project Cost = $2,959,267
2017	606206	CENTRAL MASSACHUSETTS	OXFORD	OXFORD - RECONSTRUCTION OF CHARLTON STREET, BETWEEN MAIN STREET AND DUDLEY ROAD	3	STP	$4,722,150	$3,777,720	$944,430	Construction / TEC Score = 4.6 / Design Status = 75% / CMAQ + STP Total Project Cost = $5,722,150
2017	602740	CENTRAL MASSACHUSETTS	SHREWSBURY	SHREWSBURY - RESURFACING & RELATED WORK ON MAIN STREET, FROM I-290 RAMPS EASTERLY TO MAPLE AVENUE	3	STP	$2,413,264	$1,930,611	$482,653	Construction / TEC Score = 4.6 / Design Status = 75% / HSIP + STP + TAP + SW CMAQ Total Project Cost = $6,278,484
2017	602991	CENTRAL MASSACHUSETTS	SPENCER	SPENCER - RESURFACING & RELATED WORK ON ROUTE 31 (MAPLE STREET & CHARLTON ROAD)	3	STP	$4,874,060	$3,899,248	$974,812	Construction / TEC Score = 3.3 / Design Status = 25% / Total Project Cost = $4,874,060
2017	602316	FRANKLIN	CHARLEMONT	BUCKLAND- CHARLEMONT- RESURFACING & RELATED WORK ON ROUTE 2, FROM MM 27.41 (R.R. BRIDGE) TO MM 37.39 (BUCKLAND/SHELBURNE T.L.) EXCLUDING MM 29.5 TO MM 30.75 (VILLAGE CENTER)	1	NHPP	$5,271,878	$4,217,502	$1,054,376	Construction Phase. Design status = PS&E. TEC = 5.8. This project will be funded with a combination of NHPP and Statewide NHPP.Total project cost estimate $8,599,867.
2017		MARTHA'S VINEYARD		TO BE DETERMINED	5	STP	$643,418	$514,734	$128,684	Please note that potential MV projects and design status will be reviewed in a future TIP Amendment.
2017	606669	MERRIMACK VALLEY	AMESBURY	AMESBURY - POWOW RIVERWALK CONSTRUCTION	4	STP	$327,171	$261,737	$65,434	Total Project Cost = $671,207, FY 2017 STP + TAP (Construction) TEC = 3.40 out of 18 (C) Project Proponent = City of Amesbury
2017	607573	MERRIMACK VALLEY	HAVERHILL	HAVERHILL - RECONSTRUCTION ON ROUTE 97 (BROADWAY), FROM SILVER BIRCH LANE TO RESEARCH DRIVE	4	STP	$5,788,515	$4,630,812	$1,157,703	Total Project Cost = $6,526,912 FY 2017 STP & CMAQ (Construction) TEC = 7.25 out of 18. (C)
2017	607321	MONTACHUSETT	TEMPLETON	TEMPLETON - RESURFACING & RELATED WORK ON A SECTION OF ROUTE 68 FROM THE GARDNER CITY LINE TO THE END OF STATE HIGHWAY (2.0 MILES)	2	STP	$1,828,965	$1,463,172	$365,793	75% Returned 5/26/15; Total Cost = $1,828,965 Not Adjusted for YOE; Non Adjusted Total Cost = $1,828,965 (as of 4/13/16); TEC 29 of 100; Construction;
2017	608542	MONTACHUSETT	WINCHENDON	WINCHENDON - RESURFACING & RELATED WORK ON ROUTE 140, FROM TEEL ROAD TO 430 FT. SOUTH OF ROUTE 12 (1.1 MILES)	2	STP	$850,000	$680,000	$170,000	Prelim Design; 75% Ready Soon after PRC approval; MassDOT D2 to design; Total Cost = $850,000 Not Adjusted for YOE; Non Adjusted Total Est Cost = $850,000 as of 5/25/16; TEC TBD of 100; Construction;
2017	607252	MONTACHUSETT	GARDNER	GARDNER - RESURFACING & RELATED WORK ON MATTHEW STREET	3	STP	$1,770,588	$1,416,470	$354,118	100% design received; city to design; Total Cost = $1770,588; Not Adjusted for YOE; Non Adjusted Total Est Cost = $1,770,588 as of 6/7/16; TEC 35 of 100; Construction;

2017

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2017	606435	MONTACHUSETT	HUBBARDSTON	HUBBARDSTON- RESURFACING AND RELATED WORK ON ROUTE 68, FROM WILLIAMSVILLE ROAD TO THE RUTLAND T.L.	3	STP	$3,691,750	$2,953,400	$738,350	75% Received 1/6/15; Total Cost = $3,691,750 Non-Adjusted for YOE; Non Adjusted Total Cost = $3,691,750 (as of 6/3/15); Construction; TEC 43 of 100; Possible Redistribution Fund Project in 2015; Originally FY 2018 - Moved Due to Fiscal Constraint Issues
2017	RTD0004569	NANTUCKET	NANTUCKET	BUY REPLACEMENT 30-FT BUS (2)	5	STP	$365,878	$292,702	$73,176	Flex target for Highway to Transit for bus replacements
2017	608181	NORTHERN MIDDLESEX	BILLERICA	BILLERICA- INTERSECTION & SIGNAL IMPROVEMENTS AT ROUTE 3A (BOSTON ROAD) AND ALLEN ROAD	4	STP	$1,694,932	$1,355,946	$338,986	CMAQ + TAP + Non-CMAQ/HSIP/TAP Total Cost $2,617,685; Construction; TEC Score 5.52 out of 18.
2017	607421	NORTHERN MIDDLESEX	CHELMSFORD	CHELMSFORD-INTERSECTION IMPROVEMENTS AT ROUTE 4 & I-495 (EXIT 33)	4	STP	$991,863	$793,490	$198,373	STP Total Cost $991,863; TEC Score 4.85 out of 18.
2017	29492	NORTHERN MIDDLESEX	MULTIPLE	BEDFORD-BILLERICA-BURLINGTON-MIDDLESEX TURNPIKE IMPROVEMENTS FROM CROSBY DRIVE NORTH TO MANNING ROAD, INCLUDES RECONSTRUCTION OF B-04-006	4	STP	$1,000,000	$800,000	$200,000	The balance of the project is programmed in the Boston MPO TIP in 2016 and 2017. Total project cost estimate is $36,977,309. NMMPO is funding $1,000,000 in STP funds. Design is at 100%. TEC Score = 7.50 OUT OF 18.
2017	605038	OLD COLONY	PLYMOUTH	PLYMOUTH- RECONSTRUCTION OF TAYLOR AVENUE, FROM WHITE HORSE ROAD TO MANOMET POINT ROAD, INCLUDES BRIDGE REPLACEMENT OF P-13-010	5	NHPP	$7,404,398	$5,923,518	$1,480,880	YOE is $8,829,256; $1,424,858 Section 1A CMAQ + $7,404,398 Section 1A STP; 100% Design; TEC Score is 8.00; Phase is Construction.
2017	608126	PIONEER VALLEY	GOSHEN	GOSHEN- RESURFACING AND RELATED WORK ON ROUTE 9, FROM CUMMINGTON T.L. TO ROUTE 112 (CAPE STREET)	1	STP	$4,190,709	$3,352,567	$838,142	13 TEC 25% (YOE $ 4,190,709) STP
2017	608023	PIONEER VALLEY	AMHERST	AMHERST- HADLEY- SIDEWALK & WHEELCHAIR RAMP CONSTRUCTION ON ROUTE 9	2	STP	$354,050	$283,240	$70,810	13.5 TEC PSE (YOE $1,204,050) STP, TAP
2017	605011	PIONEER VALLEY	LUDLOW	LUDLOW- RECONSTRUCTION OF CENTER STREET (ROUTE 21), FROM 35' WEST OF BEACHSIDE DRIVE WESTERLY TO GAS LINE BESIDE MTA OVERPASS (3,500 FEET)	2	STP	$4,004,358	$3,203,486	$800,872	40 TEC, 25% (YOE $5,485,350) STP, HSIP, TAP
2017	604033	PIONEER VALLEY	SOUTHWICK	SOUTHWICK- RECONSTRUCTION CONGAMOND ROAD (ROUTE 168), FROM COLLEGE HIGHWAY & ENDS 250 FEET SHORT OF STATE LINE (1.2 MILES)	2	STP	$6,549,979	$5,239,983	$1,309,996	49.5 TEC Score 25% (YOE $6,549,979) STP
2017	608124	SOUTHEASTERN MASSACHUSETTS	MIDDLEBOROUGH	MIDDLEBOROUGH - INTERIM IMPROVEMENTS AT ROUTES 18/28/44 (ROTARY)	5	STP	$1,268,874	$1,015,099	$253,775	Total Cost = $1,268,874; Construction; EC Score 14 of 87; Status 25/75%
2017	608101	SOUTHEASTERN MASSACHUSETTS	NEW BEDFORD	NEW BEDFORD- PARK AND RIDE IMPROVEMENTS INCLUDING A NEW BUS SHELTER REPLACEMENT AT THE MOUNT PLEASANT STREET PARK AND RIDE	5	STP	$435,000	$348,000	$87,000	Total Cost = $435,000; Construction; Status Pre 25%

2017

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2017	608081	SOUTHEASTERN MASSACHUSETTS	WESTPORT	WESTPORT - RESURFACING AND RELATED WORK ALONG ROUTE 88 FROM MILE MARKER 0.0 (BEGINNING OF STATE HIGHWAY) NORTHERLY TO MILE MARKER 1.2, JUST NORTH OF DRIFT ROAD	5	STP	$5,040,000	$4,032,000	$1,008,000	Total Cost = $5,040,000; Construction; EC Score 15 of 87; Status Pre 25%
2017	608080	SOUTHEASTERN MASSACHUSETTS	WESTPORT	WESTPORT- RESURFACING AND RELATED WORK ON ROUTE 88 FROM MILE MARKER 1.2 (JUST NORTH OF DRIFT ROAD) NORTHERLY TO MILE MARKER 7.5, JUST SOUTH OF OLD COUNTY ROAD	5	STP	$5,627,109	$4,501,687	$1,125,422	Total Cost = $5,627,109; Construction; EC Score 10 of 87; Status 75/100%
				NON-CMAQ/HSIP/TAP (OTHER) SUBTOTAL:			$147,793,076	$118,234,458	$29,558,618	

TAP - Transportation Alternatives Program

2017	29492	BOSTON	MULTIPLE	BEDFORD- BILLERICA- MIDDLESEX TURNPIKE IMPROVEMENTS, FROM CROSBY DRIVE NORTH TO MANNING ROAD, INCLUDES RECONSTRUCTION OF B-04-006 (PHASE III)	4	TAP	$2,808,721	$2,246,977	$561,744	AC Yr 2 of 2; STP+NHPP+TAP+Earmark+Statewide Infrastructure+Northern Middlesex Council of Governments contribution ($1,000,000) Total Cost = $36,735,048
2017	607309	BOSTON	HINGHAM	HINGHAM- RECONSTRUCTION & RELATED WORK ON DERBY STREET, FROM POND PARK ROAD TO CUSHING STREET	5	TAP	$746,785	$597,428	$149,357	HSIP+CMAQ+TAP Total Cost = $4,927,769
2017	606707	CAPE COD	DENNIS	DENNIS- CORRIDOR AND STREETSCAPE IMPROVEMENTS ON MAIN STREET (ROUTE 28) FROM DENNIS COMMONS DRIVE TO UPPER COUNTY ROAD.	5	TAP	$193,036	$154,429	$38,607	Total programmed = $5,597,012 = $458,514 HSIP + $647,393 CMAQ $193,036 TAP + $4,298,069 STP. 75% design submitted. CMAQ analysis completed. RSA completed. Municipality is proponent. Score = 79.
2017	602740	CENTRAL MASSACHUSETTS	SHREWSBURY	SHREWSBURY - RESURFACING & RELATED WORK ON MAIN STREET, FROM I-290 RAMPS EASTERLY TO MAPLE AVENUE	3	TAP	$984,220	$787,376	$196,844	Construction / TEC Score = 4.6 / Design Status = 75% / HSIP + STP + TAP + SW CMAQ Total Project Cost = $6,278,484 / Project Propent is Town of Shrewsbury
2017	606669	MERRIMACK VALLEY	AMESBURY	AMESBURY - POWOW RIVERWALK CONSTRUCTION	4	TAP	$344,036	$275,229	$68,807	Total Project Cost = $671,207, FY 2017 STP + TAP (Construction) TEC = 3.40 out of 18 (C) Project Proponent = City of Amesbury
2017	606124	MONTACHUSETT	MULTIPLE	FITCHBURG- LUNENBURG- LEOMINSTER- RECONSTRUCTION OF SUMMER STREET AND NORTH STREET	3	TAP	$120,756	$96,605	$24,151	CMAQ/TAP; Total Cost = $9,939,131 Non-Adjusted for YOE; Non Adjusted Total Cost = $9,939,131 as of 6/20/16; 75% returned (12/23/14); Public Hearing 7/22/15; TEC 50 of 100; Not HSIP Eligibile; Construction; AC Yr 1 of 2; AC Yr 2 Cost = $$8,823,515;
2017	608181	NORTHERN MIDDLESEX	BILLERICA	BILLERICA- INTERSECTION & SIGNAL IMPROVEMENTS AT ROUTE 3A (BOSTON ROAD) AND ALLEN ROAD	4	TAP	$276,316	$221,053	$55,263	CMAQ + TAP + Non-CMAQ/HSIP/TAP Total Cost $2,617,685; Construction; TEC Score 5.52 out of 18.

2017

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2017	605011	PIONEER VALLEY	LUDLOW	LUDLOW- RECONSTRUCTION OF CENTER STREET (ROUTE 21), FROM 35' WEST OF BEACHSIDE DRIVE WESTERLY TO GAS LINE BESIDE MTA OVERPASS (3,500 FEET)	2	TAP	$400,000	$320,000	$80,000	40 TEC, 25% (YOE $5,485,350) STP, HSIP, TAP, Ludlow
2017	608023	PIONEER VALLEY	MULTIPLE	AMHERST- HADLEY- SIDEWALK & WHEELCHAIR RAMP CONSTRUCTION ON ROUTE 9	2	TAP	$850,000	$680,000	$170,000	13.5 TEC PSE (YOE $1,204,050) STP, TAP, Amherst and Hadley
				TAP - TRANSPORTATION ALTERNATIVES PROGRAM SUBTOTAL:			$6,723,870	$5,379,097	$1,344,773	
				SECTION 1A / FEDERAL AID TARGET PROJECTS TOTAL:			$198,147,402	$160,030,463	$38,116,939	

SECTION 1B / FEDERAL AID BRIDGE PROJECTS

Off-System

2017	607550	BERKSHIRE	LEE	LEE- SUPERSTRUCTURE REPLACEMENT, L-05-034, CHAPEL STREET OVER GREENWATER BROOK	1	STP-BR-OFF	$1,097,531	$878,025	$219,506	
2017	607551	BERKSHIRE	MULTIPLE	LEE- LENOX- BRIDGE REPLACEMENT, L-05-020=L-07-003, VALLEY STREET OVER HOUSATONIC RIVER	1	STP-BR-OFF	$1,500,612	$1,200,490	$300,122	
2017	606638	CENTRAL MASSACHUSETTS	SUTTON	SUTTON - BRIDGE REPLACEMENT, S-33-005, BLACKSTONE STREET OVER BLACKSTONE RIVER	3	STP-BR-OFF	$4,280,685	$3,424,548	$856,137	Construction / Design Status = 25% / Total Project Cost = $4,280,685
2017	607584	FRANKLIN	COLRAIN	COLRAIN- BRIDGE REPLACEMENT, C-18-020, HEATH ROAD OVER WEST BRANCH NORTH RIVER	1	STP-BR-OFF	$2,800,000	$2,240,000	$560,000	Construction Phase. Design status - 25%.
2017	607548	FRANKLIN	SHELBURNE	SHELBURNE- BRIDGE REPLACEMENT, S-11-006, BARDWELL FERRY ROAD OVER DRAGON BROOK	1	STP-BR-OFF	$2,316,200	$1,852,960	$463,240	Construction Phase. Design status - preliminary.
2017	607527	FRANKLIN	ORANGE	ORANGE- BRIDGE REPLACEMENT, O-03-009, HOLTSHIRE ROAD OVER MILLERS RIVER	2	STP-BR-OFF	$5,149,871	$4,119,897	$1,029,974	Construction Phase. Design status - 25%.
2017	608250	MONTACHUSETT	ROYALSTON	ROYALSTON- BRIDGE REPLACEMENT, R-12-001 (B35), STOCKWELL ROAD OVER LAWRENCE BROOK	2	STP-BR-OFF	$862,500	$690,000	$172,500	
2017	607529	MONTACHUSETT	WINCHENDON	WINCHENDON- BRIDGE REPLACEMENT, W-39-015, NORTH ROYALSTON ROAD OVER TARBELL BROOK	2	STP-BR-OFF	$2,017,260	$1,613,808	$403,452	
2017	607549	PIONEER VALLEY	CHESTERFIELD	CHESTERFIELD- BRIDGE REPLACEMENT, C-12-009, IRELAND STREET OVER WEST BRANCH BRONSON BROOK	1	STP-BR-OFF	$3,341,040	$2,672,832	$668,208	
2017	607528	PIONEER VALLEY	AMHERST	AMHERST- BRIDGE REPLACEMENT, A-08-008, MILL STREET OVER MILL RIVER	2	STP-BR-OFF	$2,075,400	$1,660,320	$415,080	
2017	602564	SOUTHEASTERN MASSACHUSETTS	MULTIPLE	CARVER- MIDDLEBOROUGH- BRIDGE REPLACEMENT, C-04-004=M-18-025, ROCHESTER ROAD OVER WEWEANTIC RIVER	5	STP-BR-OFF	$652,000	$521,600	$130,400	
						OFF-SYSTEM SUBTOTAL:	$26,093,099	$20,874,480	$5,218,619	

On System

2017	607954	BOSTON	DANVERS	DANVERS- BRIDGE REPLACEMENT, D-03-018, ST 128 OVER WATERS RIVER	4	NHPP	$8,625,000	$6,900,000	$1,725,000	

2017

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2017	607507	BOSTON	WAKEFIELD	WAKEFIELD- BRIDGE DECK REPLACEMENT, W-01-021 (2MF), HOPKINS STREET OVER I-95/ST 128	4	NHPP	$2,646,360	$2,117,088	$529,272	
2017	606553	BOSTON	HANOVER	HANOVER- NORWELL- SUPERSTRUCTURE REPLACEMENT, H-06-010, ST 3 OVER ST 123 (WEBSTER STREET) & N-24-003, ST 3 OVER ST 123 (HIGH STREET)	5	NHPP	$12,955,600	$10,364,480	$2,591,120	AC YR 2 of 2
2017	604173	BOSTON	BOSTON	BOSTON- BRIDGE REHABILITATION, B-16-016, NORTH WASHINGTON STREET OVER THE BOSTON INNER HARBOR	6	NHPP	$24,237,956	$19,390,365	$4,847,591	AC YR 1 of 5, YOE $112,400,000
2017	601630	BOSTON	WEYMOUTH	WEYMOUTH- ABINGTON- RECONSTRUCTION & WIDENING ON ROUTE 18 (MAIN STREET) FROM HIGHLAND PLACE TO ROUTE 139 (4.0 MILES) INCLUDES REPLACING W-32-013, ROUTE 18 OVER THE OLD COLONY RAILROAD (MBTA)	6	NHPP	$21,758,750	$17,407,000	$4,351,750	AC Yr 2 of 4; STP+HSIP+TEA-21 Earmark (MA1236)+BR Total Cost = $81,812,268
2017	607671	FRANKLIN	HEATH	HEATH- BRIDGE REPLACEMENT, H-14-001, SR 8A (JACKSONVILLE STREET) OVER MILL BROOK	1	NHPP	$1,341,545	$1,073,236	$268,309	Construction Phase. Design Status - 25%.
2017	604029	MARTHA'S VINEYARD	MULTIPLE	OAK BLUFFS / TISBURY - BRIDGE REPLACEMENT: BEACH ROAD OVER LAGOON POND DRAWBRIDGE	5	NHPP	$1,630,226	$1,304,181	$326,045	AC Bridge, Year 5 of 5
2017	605306	MERRIMACK VALLEY	HAVERHILL	HAVERHILL- SUPERSTRUCTURE REPLACEMENT,H-12-039, I-495 (NB & SB) OVER MERRIMACK RIVER	4	NHPP	$12,000,000	$9,600,000	$2,400,000	AC Yr 1 of 3; $12,000,000 = sum of year 1. Total Cost = $50,772,179. (Construction) (M)
2017	607506	NORTHERN MIDDLESEX	CHELMSFORD	CHELMSFORD-BRIDGE DECK REPLACEMENT, C-08-037, ST 4 NORTH STREET OVER I-495	4	NHPP	$2,400,000	$1,920,000	$480,000	NHPP Total Cost $2,400,000. Amended into 2016-2019 TIP.
2017	605384	PIONEER VALLEY	AGAWAM	AGAWAM- WEST SPRINGFIELD- BRIDGE REPLACEMENT, A-05-002=W-21-014, ROUTE 147 OVER THE WESTFIELD RIVER & INTERSECTION & SIGNAL IMPROVEMENTS @ 3 LOCATIONS	2	NHPP	$23,173,893	$18,539,114	$4,634,779	$23,173,893 5M Bridge, 16M STP - STATEWIDE Infrastructure. OK.
2017	605328	SOUTHEASTERN MASSACHUSETTS	RAYNHAM	RAYNHAM- BRIDGE REPLACEMENT, R-02-013 (3PA), US 44 (CAPE HIGHWAY) OVER SR 24	5	NHPP	$28,649,286	$22,919,429	$5,729,857	
					ON SYSTEM SUBTOTAL:		$139,418,616	$111,534,893	$27,883,723	

Statewide Bridge Inspection Program

2017	BRI17	STATEWIDE	MULTIPLE	BRIDGE INSPECTION		NHPP	$6,250,000	$5,000,000	$1,250,000	
					STATEWIDE BRIDGE INSPECTION PROGRAM SUBTOTAL:		$6,250,000	$5,000,000	$1,250,000	

Statewide Systematic Maintenance Program

2017	606075	CENTRAL MASSACHUSETTS	OXFORD	OXFORD - CLEANING AND PAINTING & RELATED WORK, O-06-036, I-395 OVER DANA ROAD & O-06-037, I-395 (SB) OVER FEDERAL HILL ROAD	3	NHPP	$1,519,966	$1,215,973	$303,993	Construction / Design Status = TBD / Total Project Cost = $1,519,966
2017	608311	FRANKLIN	BUCKLAND	BUCKLAND- BRIDGE MAINTENANCE, B-28-003, ROUTE 112 OVER ROUTE 2 AND PAN AM RAILROAD	1	NHPP	$309,960	$247,968	$61,992	Construction Phase. Design Status - preliminary

2017

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2017	607517	STATEWIDE	MULTIPLE	DISTRICT 2- SYSTEMATIC BRIDGE MAINTENANCE AT VARIOUS LOCATIONS (2017)	2	NHPP	$1,651,753	$1,321,402	$330,351	
2017	607514	STATEWIDE	MULTIPLE	DISTRICT 5- BRIDGE MAINTENANCE AT VARIOUS LOCATIONS ALONG THE ROUTE 24 & ROUTE 3 CORRIDORS	5	NHPP	$1,696,420	$1,357,136	$339,284	
2017	607499	STATEWIDE	MULTIPLE	DISTRICT 6- BRIDGE MAINTENANCE AT VARIOUS LOCATIONS ON STATE ROUTE 3	6	NHPP	$1,674,000	$1,339,200	$334,800	
				STATEWIDE SYSTEMATIC MAINTENANCE PROGRAM SUBTOTAL:			$6,852,099	$5,481,679	$1,370,420	
				SECTION 1B / FEDERAL AID BRIDGE PROJECTS TOTAL:			$178,613,814	$142,891,052	$35,722,762	

SECTION 1C / FEDERAL AID NON TARGET PROJECTS

Other Federal Aid

2017	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)
2017	29492	BOSTON	BEDFORD	BEDFORD- BILLERICA- BURLINGTON- MIDDLESEX TURNPIKE IMPROVEMENTS, FROM CROSBY DRIVE NORTH TO MANNING ROAD, INCLUDES RECONSTRUCTION OF B-04-006 (PHASE III)	4	HPP	$1,001,475	$801,180	$200,295	Repurposed SAFETEA-LU earmark (MA171); AC Yr 2 of 2; STP+NHPP+TAP+Earmark+Statewide Infrastructure+Northern Middlesex Council of Governments contribution ($1,000,000) Total Cost = $36,735,048
2017	601630	BOSTON	MULTIPLE	WEYMOUTH- ABINGTON- RECONSTRUCTION & WIDENING ON ROUTE 18 (MAIN STREET) FROM HIGHLAND PLACE TO ROUTE 139 (4.0 MILES) INCLUDES REPLACING W-32-013, ROUTE 18 OVER THE OLD COLONY RAILROAD (MBTA)	6	HPP	$6,171,760	$4,937,408	$1,234,352	Construction; (MA1236); AC Yr 2 of 4; STP+HSIP+TEA-21 Earmark+BR Total Cost = $81,812,268
2017	606434	CENTRAL MASSACHUSETTS	WORCESTER	WORCESTER - CENTRAL BUSINESS DISTRICT STREETSCAPE IMPROVEMENTS	3	HPP	$5,125,000	$4,100,000	$1,025,000	Construction / HPP#4266 - MA185 / Design Status = 25% / HPP + SW Infrastructure Total Project Cost = $6,977,015
						OTHER FEDERAL AID SUBTOTAL:	$13,298,235	$10,638,588	$2,659,647	
						SECTION 1C / FEDERAL AID NON-TARGET PROJECTS TOTAL:	$13,298,235	$10,638,588	$2,659,647	

SECTION 1D / FEDERAL AID MAJOR & STATE CATEGORY PROJECTS

Other Statewide Items

2017	EWO	STATEWIDE	MULTIPLE	AWARD ADJUSTMENTS, CHANGE ORDERS, PROJECT VALUE CHANGES, ETC.		CMAQ	$3,750,000	$3,000,000	$750,000	

2017

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2017	EWO	STATEWIDE	MULTIPLE	AWARD ADJUSTMENTS, CHANGE ORDERS, PROJECT VALUE CHANGES, ETC.		NHPP	$5,555,556	$5,000,000	$555,556	90% projects
2017	EWO	STATEWIDE	MULTIPLE	AWARD ADJUSTMENTS, CHANGE ORDERS, PROJECT VALUE CHANGES, ETC.		NHPP	$8,750,000	$7,000,000	$1,750,000	80% projects
2017	ABPGAN	STATEWIDE	MULTIPLE	ABP GANS DEBT SERVICE		NHPP	$58,772,431	$58,772,431	$0	AC Year 3 of 12. Accelerated Bridge Program (ABP) GANs payments begin in FFY 2015.
2017	SRT17	STATEWIDE	MULTIPLE	STATEWIDE RECREATIONAL TRAILS		REC	$1,483,411	$1,186,729	$296,682	
2017	MSC17	STATEWIDE	MULTIPLE	DBES, MISC PROGRAMS		STP	$1,000,000	$800,000	$200,000	
2017	EWO	STATEWIDE	MULTIPLE	AWARD ADJUSTMENTS, CHANGE ORDERS, PROJECT VALUE CHANGES, ETC.		STP	$13,276,655	$10,621,324	$2,655,331	
2017	ABPGAN	STATEWIDE	MULTIPLE	ABP GANS DEBT SERVICE		STP-BR-OFF	$377,569	$377,569	$0	AC Year 3 of 12. Accelerated Bridge Program (ABP) GANs payments begin in FFY 2015.
2017	MSC	STATEWIDE	MULTIPLE	STATEWIDE DESIGN AND RIGHT OF WAY	NA	STP	$4,295,403	$3,436,323	$859,081	
						OTHER STATEWIDE ITEMS SUBTOTAL:	$97,261,025	$90,194,376	$7,066,650	

Regional Major Infrastructure

2017	607731	PIONEER VALLEY	SPRINGFIELD	SPRINGFIELD- VIADUCT DECK REPLACEMENT OF S-24-061 ON I-91 (EARLY ACTION)	2	NHPP	$9,000,000	$7,200,000	$1,800,000	AC Yr 4 of 4. Total Cost = $183M.
						REGIONAL MAJOR INFRASTRUCTURE SUBTOTAL:	$9,000,000	$7,200,000	$1,800,000	

Statewide Americans with Disability Act Implementation Plan

2017	607038	STATEWIDE	MULTIPLE	DISTRICT 3- ADA RETROFITS AT VARIOUS LOCATIONS	3	STP-TE	$1,280,004	$1,024,003	$256,001	
2017	607039	STATEWIDE	MULTIPLE	DISTRICT 4- ADA RETROFITS AT VARIOUS LOCATIONS	4	STP-TE	$1,340,996	$1,072,797	$268,199	
2017	607041	STATEWIDE	MULTIPLE	DISTRICT 5- ADA RETROFITS AT VARIOUS LOCATIONS	5	STP-TE	$575,000	$460,000	$115,000	
2017	607042	STATEWIDE	MULTIPLE	DISTRICT 6- ADA RETROFITS AT VARIOUS LOCATIONS	6	STP-TE	$1,640,000	$1,312,000	$328,000	
						STATEWIDE AMERICANS WITH DISABILITY ACT IMPLEMENTATION PLAN SUBTOTAL:	$4,836,000	$3,868,800	$967,200	

Statewide Congestion Mitigation and Air Quality

2017	602165	BOSTON	STONEHAM	STONEHAM- SIGNAL & INTERSECTION IMPROVEMENTS AT ROUTE 28/NORTH STREET	4	CMAQ	$1,473,607	$1,178,885	$294,721	

2017

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2017	604761	BOSTON	BOSTON	BOSTON- MULTI-USE TRAIL CONSTRUCTION (SOUTH BAY HARBOR), FROM RUGGLES STATION TO FORT POINT CHANNEL	6	CMAQ	$2,229,018	$1,783,214	$445,804	
2017	602740	CENTRAL MASSACHUSETTS	SHREWSBURY	SHREWSBURY - RESURFACING & RELATED WORK ON MAIN STREET, FROM I-290 RAMPS EASTERLY TO MAPLE AVENUE	3	CMAQ	$2,000,000	$1,600,000	$400,000	Construction / TEC Score = 4.6 / Design Status = 75% / HSIP + STP + TAP + SW CMAQ Total Project Cost = $6,278,484
2017	606433	NANTUCKET	NANTUCKET	NANTUCKET- MULTI-USE PATH CONSTRUCTION, FROM WASHINGTON STREET TO ORANGE STREET	5	CMAQ	$2,086,683	$1,669,346	$417,337	AC Yr 3 of 3. Estimated Total Construction Cost = $3,729,822. Total in FFY 2017 (STP Statewide Infrastructure + Statewide CMAQ) = $2,420,963.
2017	608650	STATEWIDE	MULTIPLE	STATEWIDE CMAQ- ADAPTIVE SIGNAL CONTROLS AT VARIOUS INTERSECTIONS (2017)		CMAQ	$520,000	$416,000	$104,000	
2017	82865	STATEWIDE	MULTIPLE	MASSRIDES - TRAVEL OPTIONS PROGRAM		CMAQ	$2,500,000	$2,000,000	$500,000	AC Yr 4 of 5. Total contract = $16.6M. Includes Safe Routes to Schools.
				STATEWIDE CONGESTION MITIGATION AND AIR QUALITY		**SUBTOTAL:**	$10,809,308	$8,647,445	$2,161,862	

Statewide HSIP Program

2017	607754	BOSTON	MILTON	MILTON- INTERSECTION & SIGNAL IMPROVEMENTS AT GRANITE AVENUE & SQUANTUM STREET	6	HSIP	$550,000	$495,000	$55,000	
2017	607752	NORTHERN MIDDLESEX	LOWELL	LOWELL- INTERSECTION & SIGNAL IMPROVEMENTS AT 2 LOCATIONS: SR 113 (VARNUM AVENUE & VFW HIGHWAY) AT MAMMOTH ROAD & VFW AT AIKEN STREET	4	HSIP	$1,310,618	$1,179,556	$131,062	Statewide HSIP, Total Cost $1,310,618
2017	607496	STATEWIDE	MULTIPLE	STATEWIDE- RETROREFLECTIVE SIGN UPGRADE ON SECONDARY ROADS (PHASE II)		HSIP	$1,217,000	$1,095,300	$121,700	
2017	608559	STATEWIDE	MULTIPLE	STATEWIDE- VARIOUS SAFETY STRATEGIES TO ADDRESS SHSP -TO BE DETERMINED		HSIP	$6,809,590	$6,128,631	$680,959	
2017	608539	STATEWIDE	STATEWIDE	DISTRICT 5- PEDESTRIAN AND BICYCLE FACILITY UPGRADES AT VARIOUS LOCATIONS		HSIP	$375,000	$337,500	$37,500	
2017	608554	STATEWIDE	MULTIPLE	DISTRICT 1 - RETROREFLECTIVE SIGN UPGRADE ON SECONDARY ROADS.	1	HSIP	$1,669,250	$1,502,325	$166,925	
2017	608555	STATEWIDE	MULTIPLE	DISTRICT 2 - RETROREFLECTIVE SIGN UPGRADING ON SECONDARY ROADS.	2	HSIP	$1,669,250	$1,502,325	$166,925	
2017	608556	STATEWIDE	MULTIPLE	DISTRICT 3 - RETROREFLECTIVE SIGN UPGRADING OD SECONDARY ROADS.	3	HSIP	$1,669,250	$1,502,325	$166,925	
2017	608591	STATEWIDE	MULTIPLE	DISTRICT 4- CURVE WARNING SIGN UPGRADES ON SECONDARY STATE HIGHWAYS	4	HSIP	$1,800,000	$1,620,000	$180,000	
2017	607916	STATEWIDE	MULTIPLE	FALL RIVER TO RANDOLPH- GUIDE & TRAFFIC SIGN REPLACEMENT ON A SECTION OF ROUTE 24	5	HSIP	$6,690,660	$6,021,594	$669,066	
2017	608570	STATEWIDE	MULTIPLE	MIDDLEBOROUGH- PLYMPTON- ROCHESTER- SIGNAGE IMPROVEMENTS AT VARIOUS LOCATIONS	5	HSIPR	$2,400,000	$2,160,000	$240,000	

2017

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2017	608540	STATEWIDE	STATEWIDE	DISTRICT 4- DISTRICT 6- PEDESTRIAN AND BICYCLE FACILITY UPGRADES AT VARIOUS LOCATIONS	5	HSIP	$750,000	$675,000	$75,000	
				STATEWIDE HSIP PROGRAM SUBTOTAL:			$26,910,618	$24,219,556	$2,691,062	

Statewide Infrastructure Program

2017	29492	BOSTON	BEDFORD	BEDFORD- BILLERICA- BURLINGTON- MIDDLESEX TURNPIKE IMPROVEMENTS, FROM CROSBY DRIVE NORTH TO MANNING ROAD, INCLUDES RECONSTRUCTION OF B-04-006 (PHASE III)	4	STP	$6,437,225	$5,149,780	$1,287,445	AC Yr 2 of 2; STP+NHPP+TAP+Earmark+Statewide Infrastructure+Northern Middlesex Council of Governments contribution ($1,000,000) Total Cost = $36,735,048
2017	603917	BOSTON	MEDFORD	MEDFORD- STONEHAM- WOBURN- READING- HIGHWAY LIGHTING REHABILITATION ON I-93 (PHASE II)	4	STP	$1,024,274	$819,419	$204,855	AC Year 2 of 2. Total Cost = $16,024,274
2017	607442	CENTRAL MASSACHUSETTS	MULTIPLE	NORTHBOROUGH - SHREWSBURY - RECONSTRUCTION ON ROUTE 9 & ROUTE 20 RAMP IMPROVEMENTS	3	STP	$2,265,358	$1,812,286	$453,072	Construction / Design Status = 75% / Total Project Cost = $2,265,358
2017	606434	CENTRAL MASSACHUSETTS	WORCESTER	WORCESTER - CENTRAL BUSINESS DISTRICT STREETSCAPE IMPROVEMENTS	3	STP	$1,852,015	$1,481,612	$370,403	Construction / HPP#4266 - MA185 / Design Status = 25% / HPP + SW Infrastructure Total Project Cost = $6,977,015
2017	606433	NANTUCKET	NANTUCKET	NANTUCKET- MULTI-USE PATH CONSTRUCTION, FROM WASHINGTON STREET TO ORANGE STREET	5	STP	$334,280	$267,424	$66,856	AC Yr 3 of 3. Estimated Total Construction Cost = $3,729,822. Total in FFY 2017 (STP Statewide Infrastructure + Statewide CMAQ) = $2,420,963.
				STATEWIDE INFRASTRUCTURE PROGRAM SUBTOTAL:			$11,913,152	$9,530,521	$2,382,631	

Statewide Intelligent Transportation System

2017	607482	STATEWIDE	MULTIPLE	DISTRICT 5- DISTRICT 6- ITS DEVICE INSTALLATION ON ROUTE 3 SOUTH, FROM BRAINTREE TO BOURNE (43 MILES)		CMAQ	$1,572,937	$1,258,350	$314,587	AC YR 2 of 2. Total Cost = $6,900,937.
2017	608607	STATEWIDE	MULTIPLE	DISTRICTS 3 AND 5 - ITS EQUIPMENT (CCTV CAMERAS, TRAFFIC SENSORS, AND VMS) FOR HIGHWAY OPERATIONS		CMAQ	$5,126,000	$4,100,800	$1,025,200	AC YR 1 of 2, TFPC=$6,250,000.
2017	608604	STATEWIDE	MULTIPLE	DISTRICTS 4 AND 6 - ITS EQUIPMENT (CCTV CAMERAS, TRAFFIC SENSORS, AND VMS) FOR HIGHWAY OPERATIONS		CMAQ	$6,250,000	$5,000,000	$1,250,000	
				STATEWIDE INTELLIGENT TRANSPORTATION SYSTEM SUBTOTAL:			$12,948,937	$10,359,150	$2,589,787	

Statewide Interstate Maintenance Program

2017	607481	BOSTON	MULTIPLE	RANDOLPH- QUINCY- BRAINTREE- INTERSTATE MAINTENANCE & RELATED WORK ON I-93 (SB)	6	NHPP	$4,773,000	$4,295,700	$477,300	

2017

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2017	607562	CENTRAL MASSACHUSETTS	MULTIPLE	WEBSTER - OXFORD - INTERSTATE MAINTENANCE & RELATED WORK ON I-395	3	NHPP	$7,141,500	$6,427,350	$714,150	Construction / Design Status = TBD / IM + Stormwater Total Project Cost = $7,291,500
2017	607561	MERRIMACK VALLEY	MULTIPLE	ANDOVER- METHUEN- INTERSTATE MAINTENANCE & RELATED WORK ON I-93	4	NHPP	$9,622,257	$8,660,031	$962,226	Total Cost = $10,357,600 = IM + Stormwater. (Construction) (M)
2017	606575	MONTACHUSETT	MULTIPLE	STERLING- LANCASTER- LEOMINSTER- INTERSTATE MAINTENANCE & RELATED WORK ON I-190	3	NHPP	$16,695,300	$15,025,770	$1,669,530	
2017	608211	PIONEER VALLEY	MULTIPLE	CHICOPEE- SPRINGFIELD- INTERSTATE MAINTENANCE & RELATED WORK ON I-291	2	NHPP	$4,118,400	$3,706,560	$411,840	
2017	607563	SOUTHEASTERN MASSACHUSETTS	MULTIPLE	WAREHAM- ROCHESTER- MIDDLEBORO- INTERSTATE MAINTENANCE & RELATED WORK ON I-495	5	NHPP	$11,639,758	$10,475,782	$1,163,976	IM + Stormwater = $12,951,765
2017	606577	STATEWIDE	MULTIPLE	NORTHAMPTON- HATFIELD- WHATELY- DEERFIELD- INTERSTATE MAINTENANCE & RELATED WORK ON I-91, FROM MM 26.97 TO MM 38.1 (NB) AND MM 37.7 (SB)	2	NHPP	$15,658,190	$14,092,371	$1,565,819	
				STATEWIDE INTERSTATE MAINTENANCE PROGRAM SUBTOTAL:			$69,648,405	$62,683,564	$6,964,841	

Statewide National Highway System Preservation Program

2017	607488	BOSTON	SOUTHBOROUGH	SOUTHBOROUGH- RESURFACING & RELATED WORK ON ROUTE 9, FROM THE FRAMINGHAM T.L TO WHITE BAGLEY ROAD	3	NHPP	$4,760,219	$3,808,175	$952,044	
2017	607477	BOSTON	LYNNFIELD	LYNNFIELD- PEABODY- RESURFACING & RELATED WORK ON ROUTE 1	4	NHPP	$7,235,800	$5,788,640	$1,447,160	
2017	608201	CAPE COD	MULTIPLE	HARWICH- BREWSTER- ORLEANS- RESURFACING AND RELATED WORK ON ROUTE 6	5	NHPP	$6,615,000	$5,292,000	$1,323,000	Total programmed = $7,135,000 = $6,615,000 NHS + $520,000 Statewide Stormwater Retrofits. Score = 48.
2017	602316	FRANKLIN	CHARLEMONT	BUCKLAND- CHARLEMONT- RESURFACING & RELATED WORK ON ROUTE 2, FROM MM 27.41 (R.R. BRIDGE) TO MM 37.39 (BUCKLAND/SHELBURNE T.L.) EXCLUDING MM 29.5 TO MM 30.75 (VILLAGE CENTER)	1	NHPP	$3,327,989	$2,662,391	$665,598	Construction Phase. Design status = PS&E. TEC = 5.8. This project will be funded with a combination of STP and Statewide NHPP.Total project cost estimate $8,599,867.
2017	607475	MONTACHUSETT	WINCHENDON	WINCHENDON- RESURFACING & RELATED WORK ON ROUTE 12, FROM MILL STREET/BEGINNING OF STATE HIGHWAY TO NEW HAMPSHIRE STATE LINE (2.5 MILES)	2	NHPP	$1,800,000	$1,440,000	$360,000	
2017	608176	SOUTHEASTERN MASSACHUSETTS	MULTIPLE	BERKLEY- FREETOWN- RESURFACING & RELATED WORK ON ROUTE 24	5	NHPP	$10,745,370	$8,596,296	$2,149,074	
2017	607988	STATEWIDE	MULTIPLE	KINGSTON- DUXBURY- MARSHFIELD- RESURFACING & RELATED WORK ON ROUTE 3	5	NHPP	$14,122,230	$11,297,784	$2,824,446	
				STATEWIDE NATIONAL HIGHWAY SYSTEM PRESERVATION PROGRAM SUBTOTAL:			$48,606,608	$38,885,286	$9,721,322	

2017

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
Statewide Planning Program										
2017	UPWP18	STATEWIDE	MULTIPLE	METROPOLITAN PLANNING FOR THE UNIFIED PLANNING WORK PROGRAM		PL	$9,825,026	$7,860,021	$1,965,005	
2017	SPR217	STATEWIDE	MULTIPLE	STATEWIDE PLANNING AND RESEARCH WORK PROGRAM II (SPR II), RESEARCH		RD	$4,500,000	$3,600,000	$900,000	
2017	UPWP18	STATEWIDE	MULTIPLE	METROPOLITAN PLANNING FOR THE UNIFIED PLANNING WORK PROGRAM		SPR	$1,012,803	$810,242	$202,561	
2017	SPR117	STATEWIDE	MULTIPLE	STATEWIDE PLANNING AND RESEARCH WORK PROGRAM I (SPR I), PLANNING		SPR	$13,042,171	$10,433,737	$2,608,434	
				STATEWIDE PLANNING PROGRAM SUBTOTAL:			$28,380,000	$22,704,000	$5,676,000	
Statewide Railroad Grade Crossings										
2017	RRC	STATEWIDE	MULTIPLE	STATEWIDE RAILROAD CROSSING HAZARD ELIMINATION CONTRACTS		RRHE	$4,444,444	$3,555,555	$888,889	
2017	RRC	STATEWIDE	MULTIPLE	STATEWIDE RAILROAD CROSSING PROTECTIVE DEVICES CONTRACTS		RRPD	$4,444,444	$3,555,555	$888,889	
				STATEWIDE RAILROAD GRADE CROSSINGS SUBTOTAL:			$8,888,888	$7,111,110	$1,777,778	
Statewide Safe Routes to Schools Program										
2017	607998	BOSTON	EVERETT	EVERETT- IMPROVEMENTS AT MADELAINE ENGLISH (SRTS)	4	TAP	$688,810	$551,048	$137,762	
2017	607999	BOSTON	REVERE	REVERE- IMPROVEMENTS AT GARFIELD ELEMENTARY & MIDDLE SCHOOL (SRTS)	4	TAP	$825,000	$660,000	$165,000	
2017	608004	BOSTON	WATERTOWN	WATERTOWN- IMPROVEMENTS AT HOSMER ELEMENTARY SCHOOL (SRTS)	6	TAP	$868,750	$695,000	$173,750	
2017	608003	BOSTON	WEYMOUTH	WEYMOUTH- IMPROVEMENTS AT PINGREE ELEMENTARY SCHOOL (SRTS)	6	TAP	$725,000	$580,000	$145,000	
2017	608002	MERRIMACK VALLEY	LAWRENCE	LAWRENCE- SAFE ROUTES TO SCHOOL (BRUCE ELEMENTARY)	4	TAP	$2,016,148	$1,612,918	$403,230	Total Project Cost = $2,016,148 (Construction) (C) Project Proponent City of Lawrence
2017	608622	STATEWIDE	MULTIPLE	SAFE ROUTES TO SCHOOLS - PLANNING AND DESIGN (2017)		TAP	$400,000	$320,000	$80,000	
2017	608621	STATEWIDE	MULTIPLE	SAFE ROUTES TO SCHOOLS - EDUCATION (2017)		TAP	$891,633	$713,306	$178,327	
				STATEWIDE SAFE ROUTES TO SCHOOLS PROGRAM SUBTOTAL:			$6,415,341	$5,132,272	$1,283,069	
Statewide Stormwater Retrofits										
2017	608201	CAPE COD	MULTIPLE	HARWICH- BREWSTER- ORLEANS- RESURFACING AND RELATED WORK ON ROUTE 6	5	STP-TE	$520,000	$416,000	$104,000	Total programmed = $7,135,000 = $6,615,000 NHS + $520,000 Statewide Stormwater Retrofits. Score = 48.

2017										
YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2017	607562	CENTRAL MASSACHUSETTS	MULTIPLE	WEBSTER - OXFORD - INTERSTATE MAINTENANCE & RELATED WORK ON I-395	3	STP-TE	$150,000	$120,000	$30,000	Construction / Design Status = TBD / IM + Stormwater Total Project Cost = $7,291,500
2017	607561	MERRIMACK VALLEY	MULTIPLE	ANDOVER- METHUEN- INTERSTATE MAINTENANCE & RELATED WORK ON I-93	4	STP-TE	$735,343	$588,274	$147,069	Total Cost = $10,357,600 = IM + Stormwater. (Construction) (M)
2017	608134	OLD COLONY	BROCKTON	BROCKTON- STORMWATER IMPROVEMENTS ALONG ROUTE 28	5	STP-TE	$101,936	$81,548	$20,387	75% Design. Phase is Construction.
2017	608192	PIONEER VALLEY	MULTIPLE	AGAWAM- CHICOPEE- HOLYOKE- WEST SPRINGFIELD- STORMWATER IMPROVEMENTS ALONG I-91, I-391, ROUTE 57 AND ROUTE 5	2	STP-TE	$1,276,062	$1,020,850	$255,212	
2017	607563	SOUTHEASTERN MASSACHUSETTS	MULTIPLE	WAREHAM- ROCHESTER- MIDDLEBORO- INTERSTATE MAINTENANCE & RELATED WORK ON I-495	5	STP-TE	$952,007	$761,606	$190,401	IM + Stormwater = $12,951,765
2017	607992	STATEWIDE	MULTIPLE	ANDOVER- BEDFORD- BILLERICA- TEWKSBURY- STORMWATER IMPROVEMENTS ALONG I-93, ROUTE 3 AND ROUTE 3A	4	STP-TE	$2,455,244	$1,964,195	$491,049	
						STATEWIDE STORMWATER RETROFITS SUBTOTAL:	$6,190,592	$4,952,473	$1,238,118	
						SECTION 1D / FEDERAL AID MAJOR & STATE CATEGORY PROJECTS TOTAL:	$341,808,874	$295,488,553	$46,320,320	
TOTAL		YEAR 2017					$731,868,325	$609,048,656	$122,819,668	

2018

SECTION 1A / FEDERAL AID TARGET PROJECTS

CMAQ - Congestion Mitigation and Air Quality Improvement Program

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2018	606462	BERKSHIRE	LENOX	LENOX- RECONSTRUCTION & MINOR WIDENING ON WALKER STREET	1	CMAQ	$889,911	$711,929	$177,982	STP + CMAQ; Total Cost = 5,652,930; MPO evaluation score 4 of 8; Design Status: 25%; YOE =4%
2018	604989	BOSTON	SOUTHBOROUGH	SOUTHBOROUGH- RECONSTRUCTION OF MAIN STREET (ROUTE 30), FROM SEARS ROAD TO PARK STREET	3	CMAQ	$1,000,000	$800,000	$200,000	CMAQ+TAP+STP Total Cost = $7,281,248
2018	605110	BOSTON	BROOKLINE	BROOKLINE- INTERSECTION & SIGNAL IMPROVEMENTS @ ROUTE 9 & VILLAGE SQUARE (GATEWAY EAST)	6	CMAQ	$1,000,000	$800,000	$200,000	TAP+STP+CMAQ+Private Sector Contribution ($1,000,000) Total Cost = $6,273,202
2018	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	$2,000,000	$1,600,000	$400,000	CMAQ+HSIP+TAP+STP Total Cost = 15,464,292
2018	1570	BOSTON	MULTIPLE	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	NA	CMAQ	$13,427,220	$10,741,776	$2,685,444	funding flexed to FTA; match provided by local contributions; STP+CMAQ+Section 5309 (Transit)
2018	CC2000	CAPE COD		Cape Cod Bicycle Rack Program	5	CMAQ	$100,000	$80,000	$20,000	Total programmed = $100,000. CMAQ analysis complete. Funds to be applied for by municipalities. Score = 52.
2018	CC1000	CAPE COD	BARNSTABLE	BARNSTABLE - HYANNIS LOOP DEMONSTATION	5	CMAQ	$711,828	$711,828	$0	$711,828 TRANSFER TO FTA, CMAQ Year 3 of 3 ($711,828 CMAQ with $177,957 CCRTA SCA match for $889,785 Total Cost). Score = 60.
2018	606596	CAPE COD	CHATHAM	CHATHAM- IMPROVEMENTS ON WEST MAIN STREET (ROUTE 28), FROM GEORGE RYDER ROAD TO BARN HILL ROAD	5	CMAQ	$334,457	$267,566	$66,891	Total programmed with 4% inflation applied = $4,244,931 = $210,307 TAP + $334,457 CMAQ + $3,700,167 STP. 100% design plans submitted. Score = 66. Municipality is proponent.
2018	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	$897,722	$718,178	$179,544	Construction / TEC Score = 4.8 / Design Status = 25% / CMAQ + Statewide CMAQ Total Project Cost = $2,902,792
2018	605740	CENTRAL MASSACHUSETTS	WORCESTER	WORCESTER - INTERSECTION IMPROVEMENTS AT WINTHROP STREET & PROVIDENCE STREET, VERNON STREET & GRANITE STREET	3	CMAQ	$2,680,080	$2,144,064	$536,016	Construction / TEC Score = 7.0 / Design Status = 25% / CMAQ + HSIP Total Project Cost = $4,996,160

2018

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2018	606507	FRANKLIN	CHARLEMONT	CHARLEMONT - ROADWAY RECONSTRUCTION AND VILLAGE CENTER TRAFFIC CALMING ON ROUTE 2, FROM 2 MM 29.5 TO MM 31.0	1	CMAQ	$634,937	$507,950	$126,987	Construction Phase. Total project cost estimate of $6,543,238 is inflated 4%/yr to $6,804,968. This project will be funded with a combination of STP, CMAQ and Statewide CMAQ. Design Status - 25%. TEC = 9.4
2018	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	$668,216	$534,573	$133,643	Total estimated cost with inflation is $2,547,956; AC Year 1 of 2 including statewide CMAQ amount for 0.5 mile section.
2018	605020	MERRIMACK VALLEY	SALISBURY	SALISBURY - MULTI-USE TRAIL EXTENSION (BORDERS TO BOSTON TRAIL)	4	CMAQ	$5,304,302	$4,243,442	$1,060,860	Total Project Cost = $6,155,240 cost inflated 4% from 2017 cost of $5,918,500. FY 2018 CMAQ + TAP + SW CMAQ (Construction) TEC = 6.08 out of 18. (C) Project Proponent is the Town of Salisbury
2018	606124	MONTACHUSETT	MULTIPLE	FITCHBURG- LUNENBURG- LEOMINSTER- RECONSTRUCTION OF SUMMER STREET AND NORTH STREET	3	CMAQ	$1,114,889	$891,911	$222,978	STP/CMAQ/TAP; Total Cost = $9,939,131 Non-Adjusted for YOE; Non Adjusted Total Cost = $9,939,131 as of 6/20/16; 75% returned (12/23/14); Public Hearing 7/22/15; TEC 50 of 100; Not HSIP Eligibile; Construction; AC Yr 2 of 2; AC Yr 1 Cost = $1,115,616;
2018	608037	NORTHERN MIDDLESEX	WESTFORD	WESTFORD-INTERSECTION IMPROVEMENTS @ GROTON ROAD (ROUTE 40) & DUNSTABLE ROAD	3	CMAQ	$1,221,753	$977,402	$244,351	HSIP + CMAQ Total Cost FFY 2018 YOE $1,664,000 ($1,600,000); TEC Score 6.27 out of 18.
2018	607438	OLD COLONY	EASTON	EASTON- INTERSECTION IMPROVEMENTS AT WASHINGTON STREET (ROUTE 138) AND UNION STREET	5	CMAQ	$1,062,986	$850,389	$212,597	YOE is $1,062,986; 25% Design; Phase is Construction.
2018	604597	PIONEER VALLEY	NORTHAMPTON	NORTHAMPTON- IMPROVEMENTS ON I-91 INTERCHANGE 19 AT ROUTE 9 AND DAMON ROAD	2	CMAQ	$2,702,480	$2,161,984	$540,496	63 TEC 25% (YOE $5,742,322) STP, TAP, CMAQ
2018	605677	SOUTHEASTERN MASSACHUSETTS	MATTAPOISETT	MATTAPOISETT - MULTI-USE PATH CONSTRUCTION (PENN CENTRAL RIGHT OF WAY), FROM MATTAPOISETT NECK ROAD TO DEPOT STREET (PHASE 1B)	5	CMAQ	$551,226	$440,981	$110,245	CMAQ ($551,226) / TAP ($477,637) / Statewide CMAQ ($3,432,000) Total Cost = $4,460,863; Construction; EC Score 18 of 87; Status Pre 100% Eligible for CMAQ Funding
2018	607392	SOUTHEASTERN MASSACHUSETTS	SEEKONK	SEEKONK - INTERSECTION IMPROVEMENTS & RELATED WORK AT FALL RIVER AVENUE (ROUTE 114A) AND COUNTY STREET	5	CMAQ	$1,436,485	$1,292,837	$143,649	Total Cost = $1,436,485; Construction; EC Score 31 of 87; Status 25% DPH - 06-09-2016 Eligible for CMAQ Funding
				CMAQ - CONGESTION MITIGATION AND AIR QUALITY IMPROVEMENT PROGRAM		**SUBTOTAL:**	$37,738,492	$30,476,810	$7,261,683	

2018

HSIP - Highway Safety Improvement Program

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2018	606233	BERKSHIRE	PITTSFIELD	PITTSFIELD- INTERSECTION & SIGNAL IMPROVEMENTS AT FIRST STREET & NORTH STREET (NEAR BERKSHIRE MEDICAL CENTER)	1	HSIP	$355,964	$320,368	$35,596	AC - Year 1 of 2; STP + CMAQ + HSIP; Total Cost = 7,685,600; MPO evaluation score 6 of 8; Design Status: <25%; YOE = 4%
2018	600518	BOSTON	HINGHAM	HINGHAM- INTERSECTION IMPROVEMENTS AT DERBY STREET, WHITING STREET (ROUTE 53) AND GARDNER STREET	5	HSIP	$611,547	$550,392	$61,155	STP+HSIP Total Cost = $3,057,735
2018	606635	BOSTON	MULTIPLE	NEEDHAM- NEWTON- RECONSTRUCTION OF HIGHLAND AVENUE, NEEDHAM STREET & CHARLES RIVER BRIDGE, N-04-002, FROM WEBSTER STREET (NEEDHAM) TO ROUTE 9 (NEWTON)	6	HSIP	$2,319,644	$2,087,679	$231,964	CMAQ+HSIP+TAP+STP Total Cost = 15,464,292
2018	607435	CAPE COD	BARNSTABLE	BARNSTABLE- INTERSECTION IMPROVEMENTS @ FALMOUTH ROAD (ROUTE 28) & OSTERVILLE-WEST BARNSTABLE ROAD	5	HSIP	$458,514	$412,663	$45,851	Total programmed with 4% Inflation applied = $2,818,568 = $458,514 HSIP, + $2,360,054 STP. RSA conducted. 25% design plans submitted. Score = 65.
2018	605740	CENTRAL MASSACHUSETTS	WORCESTER	WORCESTER - INTERSECTION IMPROVEMENTS AT WINTHROP STREET & PROVIDENCE STREET, VERNON STREET & GRANITE STREET	3	HSIP	$2,316,080	$2,084,472	$231,608	Construction / TEC Score = 7.0 / Design Status = 25% / CMAQ + HSIP Total Project Cost = $4,996,160
2018	606159	MERRIMACK VALLEY	NORTH ANDOVER	NORTH ANDOVER- INTERSECTION & SIGNAL IMPROVEMENTS AT ROUTE 125 & MASSACHUSETTS AVENUE	4	HSIP	$442,956	$398,660	$44,296	Total Project Cost = $3,785,640 inflated 4% from 2017 cost of 3,640,038. FY 2018 STP + HSIP (Construction) TEC = 7.7 out of 18. (C)
2018	608188	MONTACHUSETT	MULTIPLE	GARDNER- LEOMINSTER- STERLING - INTERSECTION IMPROVEMENTS AT 3 LOCATIONS	3	HSIP	$728,000	$655,200	$72,800	HSIP; Total Cost =$728,000 Adjusted for YOE by 4%; Non Adjusted Total Cost = $700,000 (as of 6/10/16); Preliminary Design; Construction; TEC 44 of 100; Funded HSIP; as of 1/22/16
2018	608037	NORTHERN MIDDLESEX	WESTFORD	WESTFORD-INTERSECTION IMPROVEMENTS @ GROTON ROAD (ROUTE 40) & DUNSTABLE ROAD	3	HSIP	$442,247	$398,022	$44,225	HSIP + CMAQ Total Cost FFY 2018 YOE $1,664,000 ($1,600,000); TEC Score 6.27 out of 18.
2018	606189	NORTHERN MIDDLESEX	LOWELL	LOWELL-IMPROVEMENTS ON ROUTE 38 AT FOUR INTERSECTIONS	4	HSIP	$4,321,285	$3,889,157	$432,129	HSIP + TAP Total Cost FFY 2018 YOE $4,603,144 ($4,426,100); TEC Score 6.25 out of 18.
2018	607337	OLD COLONY	PEMBROKE	PEMBROKE- INTERSECTION IMPROVEMENTS AND RELATED WORK AT WASHINGTON STREET (ROUTE 53) AND PLEASANT STREET	5	HSIP	$455,954	$410,359	$45,595	YOE is $1,957,841,000; $455,954 Section 1A HSIP + $1,501,887 Section 1A STIP; 75% Design; Phase is Construction.
2018	604203	PIONEER VALLEY	AGAWAM	AGAWAM- INTERSECTION IMPROVEMENTS AT ROUTE 187 & ROUTE 57	2	HSIP	$1,080,992	$972,893	$108,099	58 TEC, Pre 25% (YOE $2,288,000) HSIP, STP

2018

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2018	117106	SOUTHEASTERN MASSACHUSETTS	WAREHAM	WAREHAM - RECONSTRUCTION OF ROUTE 6 & 28, FROM 500 FT. EAST OF TYLER AVENUE TO RED BROOK ROAD (1.65 miles)	5	HSIP	$896,010	$806,409	$89,601	AC Year 1 of 2 Total Cost = $18,351,691 FY18 STP ($8,279,836) / HSIP ($896,010) - FY18 Total Cost = $9,175,846 FY19 Total Cost = ($9,175,845)
				HSIP - HIGHWAY SAFETY IMPROVEMENT PROGRAM SUBTOTAL:			$14,429,193	$12,986,274	$1,442,919	

Non-CMAQ/HSIP/TAP (Other)

2018	606462	BERKSHIRE	LENOX	LENOX- RECONSTRUCTION & MINOR WIDENING ON WALKER STREET	1	STP	$4,763,019	$3,810,415	$952,604	STP + CMAQ; Total Cost = 5,652,930; MPO evaluation score 4 of 8; Design Status: 25%; YOE =4%
2018	607429	BERKSHIRE	NORTH ADAMS	NORTH ADAMS- INTERSECTION IMPROVEMENTS AT ROUTE 2 & PHELPS AVENUE	1	STP	$1,280,000	$1,024,000	$256,000	STP; Total Cost = 1,280,000; MPO evaluation score 4 of 8; Design Status: 25%; YOE = 4%
2018	606233	BERKSHIRE	PITTSFIELD	PITTSFIELD- INTERSECTION & SIGNAL IMPROVEMENTS AT FIRST STREET & NORTH STREET (NEAR BERKSHIRE MEDICAL CENTER)	1	STP	$384,808	$307,846	$76,962	AC - Year 1 of 2; STP + CMAQ + HSIP; Total Cost = 7,685,600; MPO evaluation score 6 of 8; Design Status: <25%; YOE = 4%
2018	604989	BOSTON	SOUTHBOROUGH	SOUTHBOROUGH- RECONSTRUCTION OF MAIN STREET (ROUTE 30), FROM SEARS ROAD TO PARK STREET	3	STP	$4,824,998	$3,859,998	$965,000	CMAQ+TAP+STP Total Cost = $7,281,248
2018	600518	BOSTON	HINGHAM	HINGHAM- INTERSECTION IMPROVEMENTS AT DERBY STREET, WHITING STREET (ROUTE 53) AND GARDNER STREET	5	STP	$2,446,188	$1,956,950	$489,238	STP+HSIP Total Cost = $3,057,735
2018	605110	BOSTON	BROOKLINE	BROOKLINE- INTERSECTION & SIGNAL IMPROVEMENTS @ ROUTE 9 & VILLAGE SQUARE (GATEWAY EAST)	6	STP	$3,018,202	$2,414,562	$603,640	TAP+STP+CMAQ+Private Sector Contribution ($1,000,000) Total Cost = $6,273,202
2018	603711	BOSTON	MULTIPLE	NEEDHAM- WELLESLEY- REHAB/REPLACEMENT OF 6 BRIDGES ON I-95/ROUTE 128: N-04-020, N-04-021, N-04-022, N-04-026, N-04-027, N-04-037 & W-13-023 (ADD-A-LANE - CONTRACT V)	6	NHPP	$1,988,367	$1,590,694	$397,673	AC Yr 5 of 5; NHPP+BR+Statewide Infrastructure Total Cost = $164,919,140 ($26,258,183 programmed within FFYs 2017-21 TIP)
2018	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	$9,598,156	$7,678,525	$1,919,631	CMAQ+HSIP+TAP+STP Total Cost = 15,464,292
2018	601630	BOSTON	MULTIPLE	WEYMOUTH- ABINGTON- RECONSTRUCTION & WIDENING ON ROUTE 18 (MAIN STREET) FROM HIGHLAND PLACE TO ROUTE 139 (4.0 MILES) INCLUDES REPLACING W-32-013, ROUTE 18 OVER THE OLD COLONY RAILROAD (MBTA)	6	STP	$19,591,490	$15,673,192	$3,918,298	AC Yr 3 of 4; STP+HSIP+TEA-21 Earmark+BR Total Cost = $81,812,268
2018	1570	BOSTON	MULTIPLE	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	NA	STP	$26,572,780	$21,258,224	$5,314,556	funding flexed to FTA; match provided by local contributions; STP+CMAQ+Section 5309 (Transit)

2018

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2018	607435	CAPE COD	BARNSTABLE	BARNSTABLE- INTERSECTION IMPROVEMENTS @ FALMOUTH ROAD (ROUTE 28) & OSTERVILLE-WEST BARNSTABLE ROAD	5	STP	$2,360,054	$1,888,043	$472,011	Total programmed with 4% Inflation applied = $2,818,568 = $458,514 HSIP, + $2,360,054 STP. RSA conducted. 25% design plans submitted. Score = 65.
2018	606596	CAPE COD	CHATHAM	CHATHAM- IMPROVEMENTS ON WEST MAIN STREET (ROUTE 28), FROM GEORGE RYDER ROAD TO BARN HILL ROAD	5	STP	$3,700,167	$2,960,134	$740,033	Total programmed with 4% inflation applied = $4,244,931 = $210,307 TAP + $334,457 CMAQ + $3,700,167 STP. 100% design plans submitted. Score = 66. Municipality is proponent.
2018	606440	CENTRAL MASSACHUSETTS	PRINCETON	PRINCETON - RECONSTRUCTION OF ROUTE 140, FROM STERLING T.L. THROUGH EAST PRINCETON VILLAGE TO ROUTE 31, INCLUDING REHAB OF P-16-017	3	STP	$6,405,440	$5,124,352	$1,281,088	Construction / TEC Score = 4.3 / Design Status = 25% / STP + TAP Total Project Cost = $6,880,640
2018	604948	CENTRAL MASSACHUSETTS	UXBRIDGE	UXBRIDGE - RECONSTRUCTION OF ROUTE 122 (NORTH MAIN STREET), FROM HARTFORD AVENUE TO ROUTE 16	3	STP	$4,612,400	$3,689,920	$922,480	Construction / TEC Score = 4.3 / Design Status = 75% / Total Project Cost = $4,612,400
2018	606507	FRANKLIN	CHARLEMONT	CHARLEMONT - ROADWAY RECONSTRUCTION AND VILLAGE CENTER TRAFFIC CALMING ON ROUTE 2, FROM 2 MM 29.5 TO MM 31.0	1	STP	$4,840,120	$3,872,096	$968,024	Construction Phase. Total project cost estimate of $6,543,238 is inflated 4%/yr to $6,804,968. This project will be funded with a combination of STP, CMAQ and Statewide CMAQ. Design Status - 25%. TEC = 9.4
2018	606159	MERRIMACK VALLEY	NORTH ANDOVER	NORTH ANDOVER- INTERSECTION & SIGNAL IMPROVEMENTS AT ROUTE 125 & MASSACHUSETTS AVENUE	4	STP	$3,342,684	$2,674,147	$668,537	Total Project Cost = $3,785,640 inflated 4% from 2017 cost of 3,640,038. FY 2018 STP + HSIP (Construction) TEC = 7.7 out of 18. (C)
2018	606124	MONTACHUSETT	MULTIPLE	FITCHBURG- LUNENBURG- LEOMINSTER- RECONSTRUCTION OF SUMMER STREET AND NORTH STREET	3	STP	$7,623,485	$6,098,788	$1,524,697	STP/CMAQ/TAP; Total Cost = $9,939,131 Non-Adjusted for YOE; Non Adjusted Total Cost = $9,939,131 as of 6/20/16; 75% returned (12/23/14); Public Hearing 7/22/15; TEC 50 of 100; Not HSIP Eligibile; Construction; AC Yr 2 of 2; AC Yr 1 Cost = $1,115,616;
2018	604694	NORTHERN MIDDLESEX	LOWELL	LOWELL-CONNECTOR RECONSTRUCTION FROM THORNDIKE ST TO GORHAM ST	4	STP	$975,000	$780,000	$195,000	Total Cost FFY 2018 YOE $975,000 ($937,500); TEC Score 5.72 out of 18.
2018	607337	OLD COLONY	PEMBROKE	PEMBROKE- INTERSECTION IMPROVEMENTS AND RELATED WORK AT WASHINGTON STREET (ROUTE 53) AND PLEASANT STREET	5	STP	$1,501,887	$1,201,510	$300,377	YOE is $1,957,841,000; $455,954 Section 1A HSIP + $1,501,887 Section 1A STIP; 75% Design; Phase is Construction.
2018	606264	OLD COLONY	PLYMOUTH	PLYMOUTH- IMPROVEMENTS ON OBERY STREET, FROM SOUTH STREET TO A.A. CARANCI WAY/PLYMOUTH NORTH H.S. DRIVE INTERSECTION	5	STP	$4,464,970	$3,571,976	$892,994	YOE is $4,810,084; $345,114 Section 1A TAP + $4,464,970 Section 1A STP; 75% Design; Phase is Construction.
2018	604203	PIONEER VALLEY	AGAWAM	AGAWAM- INTERSECTION IMPROVEMENTS AT ROUTE 187 & ROUTE 57	2	STP	$1,207,008	$965,606	$241,402	58 TEC, Pre 25% (YOE $2,288,000) HSIP, STP
2018	604597	PIONEER VALLEY	NORTHAMPTON	NORTHAMPTON- IMPROVEMENTS ON I-91 INTERCHANGE 19 AT ROUTE 9 AND DAMON ROAD	2	STP	$2,499,842	$1,999,874	$499,968	63 TEC 25% (YOE $5,742,322) STP, TAP, CMAQ

2018

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2018	608236	PIONEER VALLEY	NORTHAMPTON	NORTHAMPTON- RECONSTRUCTION OF DAMON ROAD, FROM ROUTE 9 TO ROUTE 5, INCLUDES DRAINAGE SYSTEM REPAIRS & SLOPE STABILIZATION AT THE NORWOTTUCK RAIL TRAIL	2	STP	$5,400,620	$4,320,496	$1,080,124	64.5 TEC 25% (YOE $5,400,620) CMAQ
2018	608253	PIONEER VALLEY	PALMER	PALMER- RESURFACING AND RELATED WORK ON ROUTE 67, FROM 0.3 MILES EAST OF ROUTE 20 TO THE WARREN T.L. (5 MILES)	2	STP	$3,138,441	$2,510,753	$627,688	15.5 TEC 0% (YOE $3,138,441) STP
2018	604738	PIONEER VALLEY	SOUTHAMPTON	SOUTHAMPTON- RECONSTRUCTION OF GLENDALE ROAD (PHASE II) FROM COLLEGE HIGHWAY (RT 10) NORTHWESTERLY TO POMEROY MEADOW RD (3,801 FEET)	2	STP	$2,386,800	$1,909,440	$477,360	18.8 TEC Score 75% (YOE $2,386,800) STP
2018	603449	PIONEER VALLEY	WESTFIELD	WESTFIELD- ROUTE 20 ACCESS IMPROVEMENTS ON COURT STREET & WESTERN AVENUE, FROM LLEWELLYN DRIVE EASTERLY TO LLOYDS HILL ROAD (PHASE I)	2	STP	$2,488,312	$1,990,650	$497,662	57.5 TEC, 25% Design, (HPP-4287 $2,503,688 Total with Match) (YOE $4,992,000) HPP, STP
2018	607531	SOUTHEASTERN MASSACHUSETTS	NORTON	NORTON - EAST MAIN STREET (ROUTE 123), FROM PINE STREET TO I-495, CORRIDOR IMPROVEMENTS PLUS TRAFFIC SIGNAL INSTALLATION ON ROUTE I-495 (NB & SB) RAMP	5	STP	$6,738,610	$5,390,888	$1,347,722	Total Cost = $6,738,610; Construction; EC Score 26 of 87; Status Pre 25% Project may be will Partially CMAQ eligible, pending further analysis.
2018	117106	SOUTHEASTERN MASSACHUSETTS	WAREHAM	WAREHAM - RECONSTRUCTION OF ROUTE 6 & 28, FROM 500 FT. EAST OF TYLER AVENUE TO RED BROOK ROAD (1.65 miles)	5	STP	$8,279,836	$6,623,869	$1,655,967	FY18 STP ($8,279,836) / HSIP ($896,010) - FY18 Total Cost = $9,175,846 FY19 Total Cost = ($9,175,845) Total Cost = $18,351,691; Construction; EC
				NON-CMAQ/HSIP/TAP (OTHER) SUBTOTAL:			$146,433,684	$117,146,948	$29,286,736	

TAP - Transportation Alternatives Program

2018	604989	BOSTON	SOUTHBOROUGH	SOUTHBOROUGH- RECONSTRUCTION OF MAIN STREET (ROUTE 30), FROM SEARS ROAD TO PARK STREET	3	TAP	$1,456,250	$1,165,000	$291,250	CMAQ+TAP+STP Total Cost = $7,281,248
2018	605110	BOSTON	BROOKLINE	BROOKLINE- INTERSECTION & SIGNAL IMPROVEMENTS @ ROUTE 9 & VILLAGE SQUARE (GATEWAY EAST)	6	TAP	$1,255,000	$1,004,000	$251,000	TAP+STP+CMAQ+Private Sector Contribution ($1,000,000) Total Cost = $6,273,202
2018	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	$1,546,492	$1,237,194	$309,298	CMAQ+HSIP+TAP+STP Total Cost = 15,464,292

2018										
YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2018	606596	CAPE COD	CHATHAM	CHATHAM- IMPROVEMENTS ON WEST MAIN STREET (ROUTE 28), FROM GEORGE RYDER ROAD TO BARN HILL ROAD	5	TAP	$210,307	$168,246	$42,061	Total programmed with 4% inflation applied = $4,244,931 = $210,307 TAP + $334,457 CMAQ + $3,700,167 STP. 100% design plans submitted. Score = 66. Municipality is proponent.
2018	606440	CENTRAL MASSACHUSETTS	PRINCETON	PRINCETON - RECONSTRUCTION OF ROUTE 140, FROM STERLING T.L. THROUGH EAST PRINCETON VILLAGE TO ROUTE 31, INCLUDING REHAB OF P-16-017	3	TAP	$475,200	$380,160	$95,040	Construction / TEC Score = 4.3 / Design Status = 25% / STP + TAP Total Project Cost = $6,880,640 / Project Proponent is the Town of Princeton
2018	605020	MERRIMACK VALLEY	SALISBURY	SALISBURY - MULTI-USE TRAIL EXTENSION (BORDERS TO BOSTON TRAIL)	4	TAP	$350,938	$280,750	$70,188	Total Project Cost = $6,155,240 cost inflated 4% from 2017 cost of $5,918,500. FY 2018 CMAQ + TAP + SW CMAQ (Construction) TEC = 6.08 out of 18. (C) Project Proponent is the Town of Salisbury
2018	606124	MONTACHUSETT	MULTIPLE	FITCHBURG- LUNENBURG- LEOMINSTER- RECONSTRUCTION OF SUMMER STREET AND NORTH STREET	3	TAP	$85,141	$68,113	$17,028	STP/CMAQ/TAP; Total Cost = $9,939,131 Non-Adjusted for YOE; Non Adjusted Total Cost = $9,939,131 as of 6/20/16; 75% returned (12/23/14); Public Hearing 7/22/15; TEC 50 of 100; Not HSIP Eligibile; Construction; AC Yr 2 of 2; AC Yr 1 Cost = $1,115,616;
2018	606189	NORTHERN MIDDLESEX	LOWELL	LOWELL-IMPROVEMENTS ON ROUTE 38 AT FOUR INTERSECTIONS	4	TAP	$281,859	$225,487	$56,372	HSIP + TAP Total Cost FFY 2018 YOE $4,603,144 ($4,426,100); TEC Score 6.25 out of 18.
2018	606264	OLD COLONY	PLYMOUTH	PLYMOUTH- IMPROVEMENTS ON OBERY STREET, FROM SOUTH STREET TO A.A. CARANCI WAY/PLYMOUTH NORTH H.S. DRIVE INTERSECTION	5	TAP	$345,114	$276,091	$69,023	YOE is $4,810,084; $345,114 Section 1A TAP + $4,464,970 Section 1A STP; 75% Design; Phase is Construction.
2018	604597	PIONEER VALLEY	NORTHAMPTON	NORTHAMPTON- IMPROVEMENTS ON I-91 INTERCHANGE 19 AT ROUTE 9 AND DAMON ROAD	2	TAP	$540,000	$432,000	$108,000	63 TEC 25% (YOE $5,742,322) STP, TAP, Northampton
2018	605677	SOUTHEASTERN MASSACHUSETTS	MATTAPOISETT	MATTAPOISETT - MULTI-USE PATH CONSTRUCTION (PENN CENTRAL RIGHT OF WAY), FROM MATTAPOISETT NECK ROAD TO DEPOT STREET (PHASE 1B)	5	TAP	$477,637	$382,110	$95,527	CMAQ ($551,226) / TAP ($477,637) / Statewide CMAQ ($3,432,000) Total Cost = $4,460,863; Construction; EC Score 18 of 87; Status Pre 100% Eligible for CMAQ Funding
						TAP - TRANSPORTATION ALTERNATIVES PROGRAM SUBTOTAL:	$7,023,938	$5,619,151	$1,404,787	
						SECTION 1A / FEDERAL AID TARGET PROJECTS TOTAL:	$205,625,307	$166,229,183	$39,396,125	

2018

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
SECTION 1B / FEDERAL AID BRIDGE PROJECTS										
Off-System										
2018	608125	BERKSHIRE	SHEFFIELD	SHEFFIELD- BRIDGE REPLACEMENT, S-10-002, ROUTE 7A (ASHLEY FALLS RD) OVER THE HOUSATONIC RIVER	1	STP-BR-OFF	$5,000,000	$4,000,000	$1,000,000	
2018	606632	BOSTON	HOPKINTON	HOPKINTON- WESTBOROUGH- BRIDGE REPLACEMENT, H-23-006=W-24-016, FRUIT STREET OVER CSX & SUDBURY RIVER	3	STP-BR-OFF	$7,964,164	$6,371,331	$1,592,833	
2018	607533	BOSTON	WALTHAM	WALTHAM- BRIDGE REPLACEMENT, W-04-006, WOERD AVENUE OVER CHARLES RIVER	4	STP-BR-OFF	$2,344,742	$1,875,794	$468,948	
2018	604655	BOSTON	MARSHFIELD	MARSHFIELD- BRIDGE REPLACEMENT, M-07-007, BEACH STREET OVER THE CUT RIVER	5	STP-BR-OFF	$3,023,938	$2,419,150	$604,788	
2018	607133	BOSTON	QUINCY	QUINCY- SUPERSTRUCTURE REPLACEMENT, Q-01-039, ROBERTSON STREET OVER I-93/US 1/SR 3	6	STP-BR-OFF	$3,260,452	$2,608,361	$652,090	
2018	608179	MONTACHUSETT	ROYALSTON	ROYALSTON- BRIDGE REPLACEMENT, R-12-009, NORTH FITZWILLIAM ROAD OVER LAWRENCE BROOK	2	STP-BR-OFF	$1,790,755	$1,432,604	$358,151	
2018	607127	MONTACHUSETT	HUBBARDSTON	HUBBARDSTON- BRIDGE REPLACEMENT, H-24-009, EVERGREEN ROAD OVER MASON BROOK	3	STP-BR-OFF	$1,662,806	$1,330,245	$332,561	
					OFF-SYSTEM SUBTOTAL:		$25,046,857	$20,037,485	$5,009,371	
On System										
2018	608149	BOSTON	BURLINGTON	BURLINGTON- BRIDGE REPLACEMENT, B-29-010, I-95/ST 128 (NB) & I-95/ST128 (SB) OVER ROUTE 3A (CAMBRIDGE STREET)	4	NHPP	$23,920,000	$19,136,000	$4,784,000	
2018	608522	BOSTON	MIDDLETON	MIDDLETON- BRIDGE REPLACEMENT- M-20-003, RT 62/MAPLE STREET OVER Ipswich RIVER	4	NHPP	$4,160,000	$3,328,000	$832,000	
2018	604952	BOSTON	MULTIPLE	LYNN- SAUGUS- BRIDGE REPLACEMENT, L-18-016=S-05-008, ROUTE 107 OVER THE SAUGUS RIVER (AKA - BELDEN G. BLY BRIDGE)	4	NHPP	$25,764,000	$20,611,200	$5,152,800	AC YR 1 of 2, YOE $51,527,391
2018	604173	BOSTON	BOSTON	BOSTON- BRIDGE REHABILITATION, B-16-016, NORTH WASHINGTON STREET OVER THE BOSTON INNER HARBOR	6	NHPP	$24,900,000	$19,920,000	$4,980,000	AC YR 2 of 5, YOE $112,400,000
2018	608235	FRANKLIN	GREENFIELD	GREENFIELD- BRIDGE REPLACEMENT, G-12-006, NASH'S MILL ROAD OVER GREEN RIVER	2	NHPP	$2,700,880	$2,160,704	$540,176	Construction Phase. Design Status = preliminary
2018	605306	MERRIMACK VALLEY	HAVERHILL	HAVERHILL- SUPERSTRUCTURE REPLACEMENT,H-12-039, I-495 (NB & SB) OVER MERRIMACK RIVER	4	NHPP	$23,000,000	$18,400,000	$4,600,000	AC Yr 2 of 3; $23,000,000 = sum of year 2. Total Cost = $50,772,179. (Construction) (M)
2018	605094	MONTACHUSETT	FITCHBURG	FITCHBURG- BRIDGE REPLACEMENT, F-04-003, STATE ROUTE 31 OVER PHILLIPS BROOK	3	NHPP	$4,738,140	$3,790,512	$947,628	

2018

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2018	603513	MONTACHUSETT	GARDNER	GARDNER- BRIDGE REPLACEMENT, G-01-008, PLEASANT STREET OVER THE B&M RAILROAD	3	NHPP	$4,404,240	$3,523,392	$880,848	
2018	600936	PIONEER VALLEY	HOLYOKE	HOLYOKE- BRIDGE REPLACEMENT, H-21-018, LYMAN STREET OVER FIRST LEVEL CANAL	2	NHPP	$12,233,107	$9,786,486	$2,446,621	
						ON SYSTEM SUBTOTAL:	$125,820,367	$100,656,294	$25,164,073	
Statewide Bridge Inspection Program										
2018	BR18	STATEWIDE	MULTIPLE	BRIDGE INSPECTION		NHPP	$6,250,000	$5,000,000	$1,250,000	
						STATEWIDE BRIDGE INSPECTION PROGRAM SUBTOTAL:	$6,250,000	$5,000,000	$1,250,000	
Statewide Systematic Maintenance Program										
2018	608521	BOSTON	SALEM	SALEM - BRIDGE MAINTENANCE, S-01-018 (32T), (ST 114) NORTH STREET OVER (ST 107) BRIDGE STREET & MBTA	4	NHPP	$2,400,000	$1,920,000	$480,000	
2018	607915	BOSTON	MULTIPLE	NEWTON- WELLESLEY- WESTON- BRIDGE MAINTENANCE OF N-12-063, N-12-054, N-12-055 & N-12-056 ON I-95/ROUTE 128	6	NHPP	$1,660,534	$1,328,427	$332,107	
2018	607939	PIONEER VALLEY	CUMMINGTON	CUMMINGTON- BRIDGE MAINTENANCE, C-21-025, ROUTE 9 OVER THE WESTFIELD RIVER	1	NHPP	$312,000	$249,600	$62,400	
2018	607959	STATEWIDE	MULTIPLE	DISTRICT 2- SYSTEMATIC BRIDGE MAINTENANCE AT VARIOUS LOCATIONS (2018)	2	NHPP	$1,564,622	$1,251,697	$312,924	
2018	607905	STATEWIDE	MULTIPLE	DISTRICT 3- BRIDGE MAINTENANCE AT VARIOUS LOCATIONS	3	NHPP	$1,404,000	$1,123,200	$280,800	
2018	607898	STATEWIDE	MULTIPLE	DISTRICT 5- BRIDGE CLEANING ALONG I-495, ROUTE 25, ROUTE 6 & ROUTE 28	5	NHPP	$1,964,444	$1,571,555	$392,889	
						STATEWIDE SYSTEMATIC MAINTENANCE PROGRAM SUBTOTAL:	$9,305,600	$7,444,479	$1,861,120	
						SECTION 1B / FEDERAL AID BRIDGE PROJECTS TOTAL:	$166,422,824	$133,138,258	$33,284,564	

SECTION 1C / FEDERAL AID NON TARGET PROJECTS

Other Federal Aid										
2018	606134	BOSTON	BOSTON	BOSTON- TRAFFIC SIGNAL IMPROVEMENTS ON BLUE HILL AVENUE AND WARREN STREET	6	HPP	$2,501,046	$2,000,837	$500,209	Construction; HPP 2129 (MA155)
2018	605820	CENTRAL MASSACHUSETTS	WORCESTER	WORCESTER - BLACKSTONE RIVER BIKEWAY (SEGMENT 7), INCLUDING BRIDGE REHAB, W-44-041, MCGRATH BOULEVARD OVER MADISON STREET	3	HPP	$5,939,172	$4,751,338	$1,187,834	Construction / HPP#4283 - MA202, HPP#2218 - MA157, HPP#2509 - MA165 & MA006 / Design Status = 75% / Total Project Cost = $5,939,172

2018

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2018	606888	CENTRAL MASSACHUSETTS	WORCESTER	WORCESTER - BLACKSTONE CANAL STREETSCAPE IMPROVEMENTS ON HARDING STREET	3	SEC 129	$766,858	$766,858	$0	Construction / MA238 / Design Status = 25% / Total Project Cost = $766,858 / This project is 100% federally funded
2018	604893	CENTRAL MASSACHUSETTS	WORCESTER	WORCESTER - STREETSCAPE IMPROVEMENTS AT MAIN STREET & MAYWOOD STREET	3	TI	$2,104,176	$1,683,341	$420,835	Construction / TI#177 - MA213 / Design Status = 25% / Total Project Cost = $2,104,176
2018	607253	FRANKLIN	ERVING	ERVING- STREETSCAPE & PEDESTRIAN IMPROVEMENTS ON ROUTE 63, FROM RIVER STREET TO 1,200 FT. NORTH OF LILLIAN WAY (1 MILE)	2	SEC 115	$450,000	$360,000	$90,000	Construction Phase. Demo ID MA069. 2004 Earmark - 100% Federal. Design Status = preliminary. TEC = 6.3
2018	603449	PIONEER VALLEY	WESTFIELD	WESTFIELD- ROUTE 20 ACCESS IMPROVEMENTS ON COURT STREET & WESTERN AVENUE, FROM LLEWELLYN DRIVE EASTERLY TO LLOYDS HILL ROAD (PHASE I)	2	HPP	$2,503,688	$2,002,950	$500,738	57.5 TEC, 25% Design, (HPP-4287 $2,503,688 Total with Match) (YOE $4,992,000) HPP, STP
				OTHER FEDERAL AID SUBTOTAL:			$14,264,940	$11,565,324	$2,699,616	
				SECTION 1C / FEDERAL AID NON-TARGET PROJECTS TOTAL:			$14,264,940	$11,565,324	$2,699,616	

SECTION 1D / FEDERAL AID MAJOR & STATE CATEGORY PROJECTS

Other Statewide Items

2018	EWO	STATEWIDE	MULTIPLE	AWARD ADJUSTMENTS, CHANGE ORDERS, PROJECT VALUE CHANGES, ETC.		NHPP	$42,441,219	$33,952,975	$8,488,244	
2018	ABPGAN	STATEWIDE	MULTIPLE	ABP GANS DEBT SERVICE		NHPP	$68,075,667	$68,075,667	$0	AC Year 4 of 12. Accelerated Bridge Program (ABP) GANs payments begin in FFY 2015.
2018	SRT18	STATEWIDE	MULTIPLE	STATEWIDE RECREATIONAL TRAILS		REC	$1,483,411	$1,186,729	$296,682	
2018	MSC18	STATEWIDE	MULTIPLE	DBES, MISC PROGRAMS		STP	$1,000,000	$800,000	$200,000	
2018	MSC	STATEWIDE	MULTIPLE	STATEWIDE DESIGN AND RIGHT OF WAY		STP	$5,590,996	$4,472,797	$1,118,199	
2018	ABPGAN	STATEWIDE	MULTIPLE	ABP GANS DEBT SERVICE		STP-BR-OFF	$388,033	$388,033	$0	AC Year 4 of 12. Accelerated Bridge Program (ABP) GANs payments begin in FFY 2015.
				OTHER STATEWIDE ITEMS SUBTOTAL:			$118,979,326	$108,876,201	$10,103,125	

Statewide Congestion Mitigation and Air Quality

2018	607570	BERKSHIRE	LEE	LEE- BIKEWAY CONSTRUCTION, FROM STOCKBRIDGE T.L. TO WEST PARK STREET (PHASE 1)	1	CMAQ	$3,619,200	$2,895,360	$723,840	

2018

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2018	606891	BERKSHIRE	MULTIPLE	LANESBOROUGH- PITTSFIELD- ASHUWILLTICOOK RAIL TRAIL EXTENSION TO CRANE AVENUE	1	CMAQ	$2,251,210	$1,800,968	$450,242	
2018	607254	BERKSHIRE	WILLIAMSTOWN	NORTH ADAMS- WILLIAMSTOWN- MOHAWK BICYCLE/PEDESTRIAN TRAIL	1	CMAQ	$4,294,138	$3,435,310	$858,828	
2018	607732	BOSTON	MULTIPLE	FRAMINGHAM- NATICK- COCHITUATE RAIL TRAIL CONSTRUCTION INCLUDING PEDESTRIAN BRIDGE, N-03-014, OVER ROUTE 9 & F-07-033=N-03-029 OVER ROUTE 30	3	CMAQ	$7,797,960	$6,238,368	$1,559,592	
2018	606223	BOSTON	MULTIPLE	ACTON- CONCORD- BRUCE FREEMAN RAIL TRAIL CONSTRUCTION (PHASE II-B)	4	CMAQ	$5,990,400	$4,792,320	$1,198,080	
2018	606316	BOSTON	BROOKLINE	BROOKLINE- PEDESTRIAN BRIDGE REHABILITATION, B-27-016, OVER MBTA OFF CARLTON STREET	6	CMAQ	$3,838,130	$3,070,504	$767,626	
2018	607398	CAPE COD	MULTIPLE	YARMOUTH- BARNSTABLE- CAPE COD RAIL TRAIL EXTENSION, INCLUDES NEW BRIDGE OVER WILLOW STREET & RAILROAD (PHASE III)	5	CMAQ	$7,349,831	$5,879,865	$1,469,966	Statewide CMAQ funding total of $7,349,831. Land acquisition, survey, and design in process. Score = 82.
2018	608191	CENTRAL MASSACHUSETTS	WEST BROOKFIELD	WEST BROOKFIELD - SIDEWALK AND WHEELCHAIR CONSTRUCTION ON ROUTE 9	2	CMAQ	$756,024	$604,819	$151,205	Construction / Design Status = TBD / Total Project Cost is $756,024
2018	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 / TEC Score = 4.8 / Design Status = 25% / CMAQ + Statewide CMAQ Total Project Cost = $2,902,792
2018	606507	FRANKLIN	CHARLEMONT	CHARLEMONT - ROADWAY RECONSTRUCTION AND VILLAGE CENTER TRAFFIC CALMING ON ROUTE 2, FROM 2 MM 29.5 TO MM 31.0	1	CMAQ	$1,328,911	$1,063,129	$265,782	Construction Phase. Total project cost estimate of $6,543,238 is inflated 4%/yr to $6,804,968. This project will be funded with a combination of STP, CMAQ and Statewide CMAQ. Design Status - 25%. TEC = 9.4
2018	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	$1,313,442	$1,050,754	$262,688	Total estimated cost with inflation is $2,547,956; AC Year 1 of 2 including statewide CMAQ amount for 0.5 mile section.
2018	607737	MERRIMACK VALLEY	MULTIPLE	AMESBURY- SALISBURY- TRAIL CONNECTOR @ I-95	4	CMAQ	$2,677,798	$2,142,238	$535,560	Total Project Cost = $2,677,798 inflated 4% from 2017 cost. (Construction) TEC = 6.25 out of 18. (C)
2018	605020	MERRIMACK VALLEY	SALISBURY	SALISBURY - MULTI-USE TRAIL EXTENSION (BORDERS TO BOSTON TRAIL)	4	CMAQ	$500,000	$400,000	$100,000	Total Project Cost = $6,155,240 cost inflated 4% from 2017 cost of $5,918,500. FY 2018 CMAQ + TAP + SW CMAQ (Construction) TEC = 6.08 out of 18. (C) Project Proponent is the Town of Salisbury

2018										
YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2018	607860	OLD COLONY	WHITMAN	WHITMAN- TRAFFIC SIGNAL IMPROVEMENTS & RELATED WORK ON BEDFORD STREET (ROUTE 18) AT 2 LOCATIONS: AUBURN STREET (ROUTE 14) & TEMPLE STREET (ROUTE 27)	5	CMAQ	$3,058,848	$2,447,078	$611,770	YOE is $3,058,848; 25% Design; Phase is Construction.
2018	607589	PIONEER VALLEY	SPRINGFIELD	SPRINGFIELD- NORTH END PEDESTRIAN PATH CONSTRUCTION (UNDER THE CONNECTICUT RIVER RAILROAD), BETWEEN PLAINFIELD STREET AND BIRNIE AVENUE, INCLUDES CONSTRUCTION OF NEW BRIDGE S-24-044	2	CMAQ	$4,492,800	$3,594,240	$898,560	TEC 24
2018	605677	SOUTHEASTERN MASSACHUSETTS	MATTAPOISETT	MATTAPOISETT- MULTI-USE PATH CONSTRUCTION (PENN CENTRAL RIGHT OF WAY), FROM MATTAPOISETT NECK ROAD TO DEPOT STREET (PHASE 1B)	5	CMAQ	$3,432,000	$2,745,600	$686,400	CMAQ ($551,226) / TAP ($477,637) / Statewide CMAQ ($3,432,000) Total Cost = $4,460,863; Construction; EC Score 18 of 87; Status Pre 100% Eligible for CMAQ Funding
2018	608651	STATEWIDE	MULTIPLE	STATEWIDE CMAQ- ADAPTIVE SIGNAL CONTROLS AT VARIOUS INTERSECTIONS (2018)		CMAQ	$540,000	$432,000	$108,000	
2018	82865	STATEWIDE	MULTIPLE	MASSRIDES - TRAVEL OPTIONS PROGRAM		CMAQ	$2,500,000	$2,000,000	$500,000	AC Yr 5 of 5. Total contract = $16.6M. Includes Safe Routes to Schools.
				STATEWIDE CONGESTION MITIGATION AND AIR QUALITY		**SUBTOTAL:**	$57,745,762	$46,196,609	$11,549,153	

Statewide HSIP Program

2018	607760	BERKSHIRE	PITTSFIELD	PITTSFIELD- INTERSECTION & SIGNAL IMPROVEMENTS AT 3 LOCATIONS: SR 8 & SR 9 (DALTON AVENUE) @ MERRILL CHESHIRE ROAD, DALTON AVENUE @ CRANE AVENUE CONNECTOR & SR 9 (MERRILL ROAD) @ CRANE AVENUE CONNECTOR	1	HSIP	$1,497,600	$1,347,840	$149,760	
2018	607748	BOSTON	ACTON	ACTON- INTERSECTION & SIGNAL IMPROVEMENTS ON SR 2 & SR 111 (MASSACHUSETTS AVENUE) AT PIPER ROAD & TAYLOR ROAD	3	HSIP	$561,600	$505,440	$56,160	
2018	607761	BOSTON	SWAMPSCOTT	Swampscott- INTERSECTION & SIGNAL IMPROVEMENTS AT SR 1A (PARADISE ROAD) AT Swampscott MALL	4	HSIP	$572,000	$514,800	$57,200	
2018	607917	CENTRAL MASSACHUSETTS	MULTIPLE	AUBURN TO WORCESTER - GUIDE & TRAFFIC SIGN REPLACEMENT ON A SECTION OF INTERSTATE 290	3	HSIP	$5,323,510	$4,791,159	$532,351	Construction / Design Status = TBD / Total Project Cost = $5,323,510
2018	607736	PIONEER VALLEY	CHICOPEE	CHICOPEE- SIGNAL & INTERSECTION IMPROVEMENTS AT 11 INTERSECTIONS ALONG ROUTE 33 (MEMORIAL DRIVE), FROM FULLER ROAD TO BRITTON STREET	2	HSIP	$3,968,619	$3,571,757	$396,862	TEC 40.5
2018	608581	STATEWIDE	MULTIPLE	STATEWIDE- VARIOUS SAFETY STRATEGIES TO ADDRESS SHSP -TO BE DETERMINED (2018)		HSIP	$6,452,608	$5,807,347	$645,261	
2018	607919	STATEWIDE	MULTIPLE	BOLTON TO LOWELL- GUIDE & TRAFFIC SIGN REPLACEMENT ON A SECTION OF INTERSTATE 495	3	HSIP	$5,886,774	$5,298,097	$588,677	

2018

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2018	608204	STATEWIDE	MULTIPLE	ATTLEBORO TO NORWOOD- GUIDE AND TRAFFIC SIGN REPLACEMENT ON A SECTION OF I-95	5	HSIP	$5,137,288	$4,623,559	$513,729	
				STATEWIDE HSIP PROGRAM SUBTOTAL:			$29,399,999	$26,459,999	$2,940,000	
Statewide Infrastructure Program										
2018	606381	BOSTON	MULTIPLE	ARLINGTON- BELMONT- HIGHWAY LIGHTING REPAIR & MAINTENANCE ON ROUTE 2	4	STP	$9,100,506	$7,280,405	$1,820,101	
				STATEWIDE INFRASTRUCTURE PROGRAM SUBTOTAL:			$9,100,506	$7,280,405	$1,820,101	
Statewide Intelligent Transportation System										
2018	608607	STATEWIDE	MULTIPLE	DISTRICTS 3 AND 5 - ITS EQUIPMENT (CCTV CAMERAS, TRAFFIC SENSORS, AND VMS) FOR HIGHWAY OPERATIONS		CMAQ	$1,124,000	$899,200	$224,800	AC YR 2 of 2, TFPC=$6,250,000.
2018	607487	STATEWIDE	MULTIPLE	STATEWIDE- EXPANSION OF CCTV, VMS AND THE TRAFFIC SENSOR NETWORK		CMAQ	$5,126,000	$4,100,800	$1,025,200	AC YR 1 of 2, TFPC=$11,376,000.
2018	606938	STATEWIDE	MULTIPLE	STATEWIDE- EXPANSION OF CCTV, VMS AND THE TRAFFIC SENSOR NETWORK		CMAQ	$6,250,000	$5,000,000	$1,250,000	
				STATEWIDE INTELLIGENT TRANSPORTATION SYSTEM SUBTOTAL:			$12,500,000	$10,000,000	$2,500,000	
Statewide Interstate Maintenance Program										
2018	607566	SOUTHEASTERN MASSACHUSETTS	MULTIPLE	SEEKONK- REHOBOTH- INTERSTATE MAINTENANCE & RELATED WORK ON I-195	5	NHPP	$8,756,366	$7,880,729	$875,637	IM + Stormwater = $10,836,366
2018	608377	SOUTHEASTERN MASSACHUSETTS	MULTIPLE	DARTMOUTH- NEW BEDFORD- INTERSTATE MAINTENANCE AND RELATED WORK ON I-195	5	NHPP	$14,627,600	$13,164,840	$1,462,760	
2018	608203	STATEWIDE	MULTIPLE	MARLBORO- HUDSON- BERLIN- INTERSTATE MAINTENANCE & RELATED WORK ON I-495	3	NHPP	$13,490,880	$12,141,792	$1,349,088	
				STATEWIDE INTERSTATE MAINTENANCE PROGRAM SUBTOTAL:			$36,874,846	$33,187,361	$3,687,485	
Statewide National Highway System Preservation Program										
2018	608220	BOSTON	CONCORD	CONCORD- RESURFACING & RELATED WORK ON ROUTE 2	4	NHPP	$1,747,200	$1,397,760	$349,440	
2018	608379	BOSTON	MULTIPLE	LEXINGTON- BELMONT- ARLINGTON- CAMBRIDGE- PAVEMENT PRESERVATION ON ROUTE 2	4	NHPP	$7,706,400	$6,165,120	$1,541,280	NHS + Stormwater = $8,906,400
2018	608008	BOSTON	SAUGUS	SAUGUS - RESURFACING AND RELATED WORK ON ROUTE 1	4	NHPP	$9,945,936	$7,956,749	$1,989,187	
2018	608069	BOSTON	MULTIPLE	MARSHFIELD- PEMBROKE- NORWELL- HANOVER- ROCKLAND- HINGHAM- RESURFACING & RELATED WORK ON ROUTE 3	5	NHPP	$16,504,800	$13,203,840	$3,300,960	
2018	605608	BOSTON	DEDHAM	DEDHAM- RESURFACING & RELATED WORK ON ROUTE 109	6	NHPP	$234,407	$187,526	$46,881	

2018

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2018	607474	PIONEER VALLEY	MULTIPLE	GRANBY- SOUTH HADLEY- RESURFACING & RELATED WORK ON ROUTE 202, FROM LYMAN STREET SOUTH HADLEY TO PLEASANT STREET GRANBY (2 MILES)	2	NHPP	$1,946,880	$1,557,504	$389,376	TEC 20.5
2018	608455	STATEWIDE	MULTIPLE	PLYMOUTH- KINGSTON- CARVER- PLYMPTON- RESURFACING AND RELATED WORK ON ROUTE 44 (FROM MM 28.8 TO 36.4)	5	NHPP	$12,576,658	$10,061,326	$2,515,332	
				STATEWIDE NATIONAL HIGHWAY SYSTEM PRESERVATION PROGRAM SUBTOTAL:			$50,662,281	$40,529,825	$10,132,456	

Statewide Planning Program

2018	UPWP19	STATEWIDE	MULTIPLE	METROPOLITAN PLANNING FOR THE UNIFIED PLANNING WORK PROGRAM		PL	$9,825,026	$7,860,021	$1,965,005	
2018	SPR218	STATEWIDE	MULTIPLE	STATEWIDE PLANNING AND RESEARCH WORK PROGRAM II (SPR II), RESEARCH		RD	$4,500,000	$3,600,000	$900,000	
2018	UPWP19	STATEWIDE	MULTIPLE	METROPOLITAN PLANNING FOR THE UNIFIED PLANNING WORK PROGRAM		SPR	$1,012,803	$810,242	$202,561	
2018	SPR118	STATEWIDE	MULTIPLE	STATEWIDE PLANNING AND RESEARCH WORK PROGRAM I (SPR I), PLANNING		SPR	$13,033,371	$10,426,697	$2,606,674	
				STATEWIDE PLANNING PROGRAM SUBTOTAL:			$28,371,200	$22,696,960	$5,674,240	

Statewide Railroad Grade Crossings

2018	RRC	STATEWIDE	MULTIPLE	STATEWIDE RAILROAD CROSSING HAZARD ELIMINATION CONTRACTS		RRHE	$3,777,778	$3,022,222	$755,556	
2018	RRC	STATEWIDE	MULTIPLE	STATEWIDE RAILROAD CROSSING PROTECTIVE DEVICES CONTRACTS		RRPD	$1,555,556	$1,244,445	$311,111	
				STATEWIDE RAILROAD GRADE CROSSINGS SUBTOTAL:			$5,333,334	$4,266,667	$1,066,667	

Statewide Safe Routes to Schools Program

2018	608625	STATEWIDE	MULTIPLE	SAFE ROUTES TO SCHOOLS - PLANNING AND DESIGN (2018)		TAP	$400,000	$320,000	$80,000	
2018	608624	STATEWIDE	MULTIPLE	SAFE ROUTES TO SCHOOLS - EDUCATION (2018)		TAP	$891,633	$713,306	$178,327	
2018	608623	STATEWIDE	MULTIPLE	SAFE ROUTES TO SCHOOLS - PROJECTS (2018)		TAP	$4,958,367	$3,966,694	$991,673	
				STATEWIDE SAFE ROUTES TO SCHOOLS PROGRAM SUBTOTAL:			$6,250,000	$5,000,000	$1,250,000	

Statewide Stormwater Retrofits

2018	608217	BOSTON	MULTIPLE	MARLBOROUGH- SUDBURY- STORMWATER IMPROVEMENTS ALONG ROUTE 20	3	STP-TE	$683,488	$546,790	$136,698	

2018										
YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2018	608379	BOSTON	MULTIPLE	LEXINGTON- BELMONT- ARLINGTON- CAMBRIDGE- PAVEMENT PRESERVATION ON ROUTE 2	4	STP-TE	$1,200,000	$960,000	$240,000	NHS + Stormwater = $8,906,400
2018	608394	CENTRAL MASSACHUSETTS	STURBRIDGE	STURBRIDGE - STORMWATER IMPROVEMENTS ALONG ROUTE 20 AND INTERSTATE 84	3	STP-TE	$679,302	$543,442	$135,860	Construction / Design Status = Pre25% / Total Project Cost = $679,302
2018	607566	SOUTHEASTERN MASSACHUSETTS	MULTIPLE	SEEKONK- REHOBOTH- INTERSTATE MAINTENANCE & RELATED WORK ON I-195		STP-TE	$2,080,000	$1,134,530	$945,470	IM + Stormwater = $10,836,366
2018	607993	STATEWIDE	MULTIPLE	AYER- FRAMINGHAM- MILLVILLE- NATICK- UXBRIDGE- WORCESTER- STORMWATER IMPROVEMENTS ALONG ROUTE 9, ROUTE 2A/ROUTE 110/ROUTE 111, ROUTE 146, AND I-290	3	STP-TE	$1,263,600	$1,010,880	$252,720	
2018	607995	STATEWIDE	MULTIPLE	LOWELL- CHELMSFORD- BILLERICA- ANDOVER- STORMWATER IMPROVEMENTS ALONG ROUTE 20, ROUTE 28, ROUTE 3A, AND I-495	4	STP-TE	$2,246,400	$1,797,120	$449,280	
				STATEWIDE STORMWATER RETROFITS SUBTOTAL:			$8,152,790	$5,992,762	$2,160,028	
				SECTION 1D / FEDERAL AID MAJOR & STATE CATEGORY PROJECTS TOTAL:			$363,370,044	$310,486,789	$52,883,255	
TOTAL	**YEAR 2018**						**$749,683,115**	**$621,419,554**	**$128,263,560**	

2019

SECTION 1A / FEDERAL AID TARGET PROJECTS

CMAQ - Congestion Mitigation and Air Quality Improvement Program

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2019	606233	BERKSHIRE	PITTSFIELD	PITTSFIELD- INTERSECTION & SIGNAL IMPROVEMENTS AT FIRST STREET & NORTH STREET (NEAR BERKSHIRE MEDICAL CENTER)	1	CMAQ	$889,911	$711,929	$177,982	AC - Year 2 of 2; STP + CMAQ + HSIP; Total Cost = 7,685,600; MPO evaluation score 6 of 8; Design Status: <25%; YOE = 4%
2019	606043	BOSTON	HOPKINTON	HOPKINTON- SIGNAL & INTERSECTION IMPROVEMENTS ON ROUTE 135	3	CMAQ	$1,000,000	$800,000	$200,000	CMAQ+HSIP+STP Total Cost = $8,501,376
2019	607428	BOSTON	MULTIPLE	HOPEDALE- MILFORD- RESURFACING & INTERSECTION IMPROVEMENTS ON ROUTE 16 (MAIN STREET), FROM WATER STREET WEST TO APPROXIMATELY 120 FEET WEST OF THE MILFORD/HOPEDALE T.L AND THE INTERSECTION OF ROUTE 140.	3	CMAQ	$787,405	$629,924	$157,481	CMAQ+HSIP Total Cost = $3,149,619
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	CMAQ+TAP+STP Total Cost = $15,459,553
2019	607652	BOSTON	EVERETT	EVERETT- RECONSTRUCTION OF FERRY STREET, SOUTH FERRY STREET AND A PORTION OF ELM STREET	4	CMAQ	$1,275,588	$1,020,470	$255,118	CMAQ+STP+HSIP+TAP Total Cost = $7,244,124
2019	1570	BOSTON	MULTIPLE	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	NA	CMAQ	$13,427,220	$10,741,776	$2,685,444	funding flexed to FTA; match provided by local contributions; STP+CMAQ+Section 5309 (Transit)
2019	CC2000	CAPE COD		Cape Cod Bicycle Rack Program	5	CMAQ	$100,000	$80,000	$20,000	Total programmed = $100,000. CMAQ analysis complete. Funds to be applied for by municipalities. Score = 52.
2019	606272	CAPE COD	BARNSTABLE	BARNSTABLE- INTERSECTION IMPROVEMENTS AT IYANOUGH ROAD (ROUTE 28) AND YARMOUTH ROAD	5	CMAQ	$1,046,285	$837,028	$209,257	Total programmed with 8% inflation = $6,646,775 = $1,046,285 CMAQ + $540,800 Statewide CMAQ + $458,514 HSIP + $193,036 TAP + $4,408,140 STP. 25% design sumitted. RSA performed. CMAQ analysis to be performed. Score = 83.
2019	606125	CENTRAL MASSACHUSETTS	UPTON	UPTON - RECONSTRUCTION OF HARTFORD AVENUE NORTH, HIGH STREET AND HOPKINTON ROAD (PHASE 1)	3	CMAQ	$3,937,024	$3,149,619	$787,405	Construction / TEC Score = 4.8 / Design Status = 25% / HSIP + CMAQ Total Project Cost = $6,749,184
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	$3,497,894	$2,798,315	$699,579	Construction / TEC Score = 5.1 / Design Status = 75% / HSIP + CMAQ Total Project Cost = $7,610,699

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	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	CMAQ	$634,937	$507,950	$126,987	Construction Phase. Total cost estimate of $4,944,150 inflated 4%/yr to $5,347,593. Project to be funded with a combination of STP and CMAQ. Design Status - 25%. TEC = 10.3
2019	607411	MARTHA'S VINEYARD	TISBURY	TISBURY- BIKE & PEDESTRIAN IMPROVEMENTS ALONG BEACH ROAD, FROM THE TERMINATION OF THE EXISTING SHARED USE PATH WESTERLY TO THE FIVE CORNERS INTERSECTION	5	CMAQ	$668,216	$534,573	$133,643	Total estimated cost with inflation is $2,547,956; AC Year 2 of 2 including statewide CMAQ amount for 0.5 mile section.
2019	MV0001	MERRIMACK VALLEY		FLEX TO FTA FOR MVRTA NEW BUS UPGRADE TO CLEANER FUEL BUSES	4	CMAQ	$698,541	$558,833	$139,708	Total Project Cost = $698,541 cost inflated 8% from 2017 cost of $645,840 (C)
2019	608027	MERRIMACK VALLEY	HAVERHILL	HAVERHILL - BRADFORD RAIL TRAIL EXTENSION, FROM ROUTE 125 TO RAILROAD STREET	4	CMAQ	$408,848	$327,078	$81,770	Total Project Cost = $1,176,240 cost inflated 8% from 2017 cost of $1,087,500. FFY 2019 CMAQ + TAP + STP (Construction) TEC = 6.65 out of 18. (C) Project Proponent is the City of
2019	605651	MONTACHUSETT	LEOMINSTER	LEOMINSTER- RECONSTRUCTION ON ROUTE 13, FROM HAWES STREET TO PROSPECT STREET	3	CMAQ	$1,114,889	$891,911	$222,978	HSIP/CMAQ/TAP/STP; Total Cost = $4,110,949 Adjusted for YOE by 8%; Non Adjusted Total Cost = $3,806,434 (as of 4/13/16); Construction; TEC 64 of 100; 25% Design; Cost includes utilites; AQ analysis shows positive impact
2019	NT0001	NANTUCKET	NANTUCKET	INTERSECTION IMPROVEMENTS AT SURFSIDE ROAD AND BARTLETT ROAD	5	CMAQ	$54,995	$43,996	$10,999	AC Yr 1 of 2. Estimated Total Construction Cost = $913,791. Total in FFY 2019 (STP + CMAQ) = $452,220.
2019	608143	OLD COLONY	BROCKTON	BROCKTON- INTERSECTION IMPROVEMENTS AT NORTH QUINCY STREET, BOUNDARY AVENUE AND CHESTNUT STREET	5	CMAQ	$1,139,886	$911,909	$227,977	YOE is $2,160,432; $1,139,886 Section 1A CMAQ + $1,020,546 Section 1A STP; Pre-25% Design; Phase is Construction.
2019	606156	PIONEER VALLEY	HOLYOKE	HOLYOKE- RECONSTRUCTION OF I-91 INTERCHANGE 17 & ROUTE 141	2	CMAQ	$1,727,008	$1,381,606	$345,402	46.5 TEC Score Pre 25% (YOE $3,229,986) HSIP, CMAQ, STP
2019	607987	PIONEER VALLEY	WARE	WARE- INTERSECTION IMPROVEMENTS @ MAIN STREET, WEST STREET, NORTH STREET, SOUTH STREET & CHURCH STREET	2	CMAQ	$975,472	$780,378	$195,094	54.5 TEC Score 25% (YOE $2,138,400) STP, TAP, CMAQ
2019	606709	SOUTHEASTERN MASSACHUSETTS	NEW BEDFORD	NEW BEDFORD - CORRIDOR IMPROVEMENTS AND RELATED WORK ON KINGS HIGHWAY, FROM CHURCH STREET TO THE KINGS HIGHWAY BRIDGE (N-06-036) OVER ROUTE 140	5	CMAQ	$2,240,026	$2,016,023	$224,003	HSIP ($896,010) / CMAQ ($2,240,026) / TAP ($527,565) / STP ($2,326,036) Total Cost = $5,989,637; Construction; EC Score 41 of 87; Status Pre 25% Anticipating Projec
				CMAQ - CONGESTION MITIGATION AND AIR QUALITY IMPROVEMENT PROGRAM		**SUBTOTAL:**	$38,039,479	$30,655,585	$7,383,894	

2019

HSIP - Highway Safety Improvement Program

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2019	606233	BERKSHIRE	PITTSFIELD	PITTSFIELD- INTERSECTION & SIGNAL IMPROVEMENTS AT FIRST STREET & NORTH STREET (NEAR BERKSHIRE MEDICAL CENTER)	1	HSIP	$355,964	$320,368	$35,596	AC - Year 2 of 2; STP + CMAQ + HSIP; Total Cost = 7,685,600; MPO evaluation score 6 of 8; Design Status: <25%; YOE = 4%
2019	606043	BOSTON	HOPKINTON	HOPKINTON- SIGNAL & INTERSECTION IMPROVEMENTS ON ROUTE 135	3	HSIP	$1,275,206	$1,147,686	$127,521	CMAQ+HSIP+STP Total Cost = $8,501,376
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	$2,362,214	$2,125,993	$236,221	CMAQ+HSIP Total Cost = $3,149,619
2019	607652	BOSTON	EVERETT	EVERETT- RECONSTRUCTION OF FERRY STREET, SOUTH FERRY STREET AND A PORTION OF ELM STREET	4	HSIP	$1,448,825	$1,303,943	$144,883	CMAQ+STP+HSIP+TAP Total Cost = $7,244,124
2019	606272	CAPE COD	BARNSTABLE	BARNSTABLE- INTERSECTION IMPROVEMENTS AT IYANOUGH ROAD (ROUTE 28) AND YARMOUTH ROAD	5	HSIP	$458,514	$412,663	$45,851	Total programmed with 8% inflation = $6,646,775 = $1,046,285 CMAQ + $540,800 Statewide CMAQ + $458,514 HSIP + $193,036 TAP + $4,408,140 STP. 25% design sumitted. RSA performed. CMAQ analysis to be performed. Score = 83.
2019	606125	CENTRAL MASSACHUSETTS	UPTON	UPTON - RECONSTRUCTION OF HARTFORD AVENUE NORTH, HIGH STREET AND HOPKINTON ROAD (PHASE 1)	3	HSIP	$2,812,160	$2,530,944	$281,216	Construction / TEC Score = 4.8 / Design Status = 25% / HSIP + CMAQ Total Project Cost = $6,749,184
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	$4,112,805	$3,701,525	$411,281	Construction / TEC Score = 5.1 / Design Status = 75% / HSIP + CMAQ Total Project Cost = $7,610,699
2019	605651	MONTACHUSETT	LEOMINSTER	LEOMINSTER- RECONSTRUCTION ON ROUTE 13, FROM HAWES STREET TO PROSPECT STREET	3	HSIP	$445,955	$401,360	$44,596	HSIP/CMAQ/TAP/STP; Total Cost = $4,110,949 Adjusted for YOE by 8%; Non Adjusted Total Cost = $3,806,434 (as of 4/13/16); Construction; TEC 64 of 100; 25% Design; Cost includes utilites; AQ analysis shows positive impact
2019	607401	NORTHERN MIDDLESEX	CHELMSFORD	CHELMSFORD-TRAFFIC SIGNAL INSTALLATION AT ROUTE 110 & ROUTE 495 (2 LOCATIONS)	4	HSIP	$1,268,176	$1,141,358	$126,818	Total Cost FFY 2019 YOE $1,268,176 ($1,172,500); TEC Score 5.82 out of 18. HSIP Construction
2019	608088	OLD COLONY	BROCKTON	BROCKTON- CORRIDOR IMPROVEMENTS ON ROUTE 123 (BELMONT STREET), FROM ANGUS BEATON DRIVE TO WEST STREET	5	HSIP	$455,954	$410,359	$45,595	YOE is $4,536,000; $455,954 Section 1A TAP + $3,487,746 Section 1A STP + $592,300 Section 1D CMAQ; Pre-25% Design; Phase is Construction.

2019

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2019	606156	PIONEER VALLEY	HOLYOKE	HOLYOKE- RECONSTRUCTION OF I-91 INTERCHANGE 17 & ROUTE 141	2	HSIP	$1,080,992	$972,893	$108,099	46.5 TEC Score Pre 25% (YOE $3,229,986) HSIP, CMAQ, STP
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	HSIP ($896,010) / CMAQ ($2,240,026) / TAP ($527,565) / STP ($2,326,036) Total Cost = $5,989,637; Construction; EC Score 41 of 87; Status Pre 25% Anticipating Projec
				HSIP - HIGHWAY SAFETY IMPROVEMENT PROGRAM SUBTOTAL:			$16,972,775	$15,275,501	$1,697,278	

Non-CMAQ/HSIP/TAP (Other)

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2019	606233	BERKSHIRE	PITTSFIELD	PITTSFIELD- INTERSECTION & SIGNAL IMPROVEMENTS AT FIRST STREET & NORTH STREET (NEAR BERKSHIRE MEDICAL CENTER)	1	STP	$5,698,953	$4,559,162	$1,139,791	AC - Year 2 of 2; STP + CMAQ + HSIP; Total Cost = 7,685,600; MPO evaluation score 6 of 8; Design Status: <25%; YOE = 4%
2019	606043	BOSTON	HOPKINTON	HOPKINTON- SIGNAL & INTERSECTION IMPROVEMENTS ON ROUTE 135	3	STP	$6,226,170	$4,980,936	$1,245,234	CMAQ+HSIP+STP Total Cost = $8,501,376
2019	605034	BOSTON	NATICK	NATICK- RECONSTRUCTION OF ROUTE 27 (NORTH MAIN STREET), FROM NORTH AVENUE TO THE WAYLAND T.L.	3	STP	$11,725,286	$9,380,229	$2,345,057	CMAQ+TAP+STP Total Cost = $15,459,553
2019	607652	BOSTON	EVERETT	EVERETT- RECONSTRUCTION OF FERRY STREET, SOUTH FERRY STREET AND A PORTION OF ELM STREET	4	STP	$3,795,299	$3,036,239	$759,060	CMAQ+STP+HSIP+TAP Total Cost = $7,244,124
2019	605789	BOSTON	BOSTON	BOSTON- RECONSTRUCTION OF MELNEA CASS BOULEVARD	6	STP	$7,853,499	$6,282,799	$1,570,700	STP+Earmarks Total Cost = $25,297,839
2019	601630	BOSTON	MULTIPLE	WEYMOUTH- ABINGTON- RECONSTRUCTION & WIDENING ON ROUTE 18 (MAIN STREET) FROM HIGHLAND PLACE TO ROUTE 139 (4.0 MILES) INCLUDES REPLACING W-32-013, ROUTE 18 OVER THE OLD COLONY RAILROAD (MBTA)	6	STP	$8,040,268	$6,432,214	$1,608,054	AC Yr 4 of 4; STP+HSIP+TEA-21 Earmark+BR Total Cost = $81,812,268
2019	1570	BOSTON	MULTIPLE	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	NA	STP	$26,572,780	$21,258,224	$5,314,556	funding flexed to FTA; match provided by local contributions; STP+CMAQ+Section 5309 (Transit)
2019	606272	CAPE COD	BARNSTABLE	BARNSTABLE- INTERSECTION IMPROVEMENTS AT IYANOUGH ROAD (ROUTE 28) AND YARMOUTH ROAD	5	STP	$4,408,140	$3,526,512	$881,628	Total programmed with 8% inflation = $6,646,775 = $1,046,285 CMAQ + $540,800 Statewide CMAQ + $458,514 HSIP + $193,036 TAP + $4,408,140 STP. 25% design sumitted. RSA performed. CMAQ analysis to be performed. Score = 83.
2019	607444	CAPE COD	FALMOUTH	FALMOUTH- INTERSECTION IMPROVEMENTS & RELATED WORK AT NORTH FALMOUTH HIGHWAY (ROUTE 28A),NATHAN ELLIS HIGHWAY (ROUTE 151) AND COUNTY ROAD	5	STP	$3,021,688	$2,417,350	$604,338	Total programmed with 8% inflation applied = $3,021,688. 25% design under development. Possible HSIP - RSA to be conducted. 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	607250	CENTRAL MASSACHUSETTS	PAXTON	PAXTON - RECLAMATION ON ROUTE 31 (HOLDEN ROAD)	3	STP	$3,448,488	$2,758,790	$689,698	Construction / TEC Score = 3.6 / Design Status = 75% / STP + TAP Total Project Cost = $3,937,449
2019	603371	FRANKLIN	ORANGE	ORANGE- RECONSTRUCTION OF NORTH MAIN STREET, FROM SCHOOL STREET TO LINCOLN AVENUE (0.4 MILES) INCL RELOCATION OF FALL HILL BROOK CULVERT	2	STP	$4,712,656	$3,770,125	$942,531	Construction Phase. Total cost estimate of $4,944,150 inflated 4%/yr to $5,347,593. Project to be funded with a combination of STP and CMAQ. Design Status - 25%. TEC = 10.3
2019	602418	MERRIMACK VALLEY	AMESBURY	AMESBURY- RECONSTRUCTION OF ELM STREET	4	STP	$3,337,520	$2,670,016	$667,504	AC Year 1 of 2. $3,337,520= Sum of Year 1. Total Project Cost = $9,726,521 cost inflated 8% from 2017 cost of $8,992,715. FY 2019 STP + 2020 STP (Construction) TEC = 5.98 out of 18. (C)
2019	605753	MERRIMACK VALLEY	GROVELAND	GROVELAND- RECONSTRUCTION OF ROUTE 97 (SCHOOL STREET) FROM PARKER STREET TO GARDNER STREET	4	STP	$3,893,760	$3,115,008	$778,752	Total Project Cost = $3,893,760 inflated 8% from 2017 cost of $3,600,000. (Construction) TEC = 5.1 out of 18. (C)
2019	608027	MERRIMACK VALLEY	HAVERHILL	HAVERHILL - BRADFORD RAIL TRAIL EXTENSION, FROM ROUTE 125 TO RAILROAD STREET	4	STP	$422,310	$337,848	$84,462	Total Project Cost = $1,176,240 cost inflated 8% from 2017 cost of $1,087,500. FFY 2019 CMAQ + TAP + STP (Construction) TEC = 6.65 out of 18. (C) Project Proponent is the City of
2019	604961	MONTACHUSETT	CLINTON	CLINTON- RESURFACING & RELATED WORK ON ROUTE 110 (HIGH STREET)	3	STP	$1,296,000	$1,036,800	$259,200	Total Cost = $1,296,000 Adjusted for YOE by 8%;Non Adjusted Total Cost = $1,200,000 as of 4/28/16; Preliminary Design; Construction; TEC 36 of 100.
2019	605651	MONTACHUSETT	LEOMINSTER	LEOMINSTER- RECONSTRUCTION ON ROUTE 13, FROM HAWES STREET TO PROSPECT STREET	3	STP	$2,464,987	$1,971,990	$492,997	HSIP/CMAQ/TAP/STP; Total Cost = $4,110,949 Adjusted for YOE by 8%; Non Adjusted Total Cost = $3,806,434 (as of 4/13/16); Construction; TEC 64 of 100; 25% Design; Cost includes utilites; AQ analysis shows positive impact
2019	607770	MONTACHUSETT	LUNENBURG	LUNENBURG- RESURFACING & RELATED WORK ON ROUTE 13 (CHASE ROAD), FROM NORTHFIELD ROAD TO THE TOWNSEND T.L.	3	STP	$1,765,063	$1,412,050	$353,013	Total Cost = $1,765,063 Adjusted for YOE by 8%; Non Adjusted Total Cost = $1,634,318 as of 6/7/16; Preliminary Design; PRC Approved 4/7/2014; Construction; TEC 35 of 100;
2019	607604	MONTACHUSETT	MULTIPLE	STERLING- WEST BOYLSTON- IMPROVEMENTS ON ROUTE 140 AT I-190	3	STP	$810,000	$648,000	$162,000	STP; Total Cost = $810,000 Adjusted for YOE by 8%; Non Adjusted Total Cost = $750,000 (as of 4/10/15); Prelim Design; Consultant Design; TEC 29 of 100; Construction;
2019	607446	MONTACHUSETT	WESTMINSTER	WESTMINSTER- INTERSECTION IMPROVEMENTS, ROUTE 2A AT ROUTE 140	3	STP	$1,512,000	$1,209,600	$302,400	Total Cost = $1,512,000 Adjusted for YOE by 8%; Non Adjusted Total Cost = $1,400,000 (as of 6/7/16); Prelim Design; Est Const - Summer 2019; Consultant Design; Construction; TEC 43 of 100;

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	NT0001	NANTUCKET	NANTUCKET	INTERSECTION IMPROVEMENTS AT SURFSIDE ROAD AND BARTLETT ROAD	5	STP	$397,225	$317,780	$79,445	AC Yr 1 of 2. Estimated Total Construction Cost = $. Total in FFY 2019 (STP + CMAQ) = $452,220.
2019	605966	NORTHERN MIDDLESEX	LOWELL	LOWELL- RECONSTRUCTION & RELATED WORK ON VFW PARKWAY	4	STP	$5,900,425	$4,720,340	$1,180,085	TAP + STP Total Cost at FFY 2019 YOE $6,219,200 ($5,750,000); TEC Score 5.5 out of 18.
2019	608143	OLD COLONY	BROCKTON	BROCKTON- INTERSECTION IMPROVEMENTS AT NORTH QUINCY STREET, BOUNDARY AVENUE AND CHESTNUT STREET	5	STP	$1,020,546	$816,437	$204,109	YOE is $2,160,432; $1,139,886 Section 1A CMAQ + $1,020,546 Section 1A STP; Pre-25% Design; Phase is Construction.
2019	608088	OLD COLONY	BROCKTON	BROCKTON- CORRIDOR IMPROVEMENTS ON ROUTE 123 (BELMONT STREET), FROM ANGUS BEATON DRIVE TO WEST STREET	5	STP	$3,487,746	$2,790,197	$697,549	YOE is $4,536,000; $455,954 Section 1A TAP + $3,487,746 Section 1A STP + $592,300 Section 1D CMAQ; Pre-25% Design; Phase is Construction.
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	$2,385,800	$1,908,640	$477,160	YOE is $4,276,800; $2,385,800 Section 1A STP and $1,891,000 Section 1D CMAQ; Pre-25% Design; Phase is Construction.
2019	600513	PIONEER VALLEY	AGAWAM	AGAWAM- RECONSTRUCTION OF ROUTE 187 FROM 425 FT. SOUTH OF S. WESTFIELD STREET TO ROUTE 57 (0.3 MILES - PHASE I)	2	STP	$1,933,200	$1,546,560	$386,640	27 TEC Score PRE 25% (YOE $1,933,200) STP
2019	608084	PIONEER VALLEY	AMHERST	AMHERST- IMPROVEMENTS & RELATED WORK ON ROUTES 9 & 116, FROM UNIVERSITY DRIVE TO SOUTH PLEASANT STREET (0.8 MILES)	2	STP	$1,356,113	$1,084,890	$271,223	48.5 TEC Score Pre 25% (YOE $1,356,113) STP
2019	606156	PIONEER VALLEY	HOLYOKE	HOLYOKE- RECONSTRUCTION OF I-91 INTERCHANGE 17 & ROUTE 141	2	STP	$421,986	$337,589	$84,397	46.5 TEC Score Pre 25% (YOE $3,229,986) HSIP, CMAQ, STP
2019	607256	PIONEER VALLEY	HOLYOKE	HOLYOKE- RESURFACING & RELATED WORK ON HERITAGE STREET, FRONT STREET & DWIGHT STREET FROM MAPLE ST TO THE 1ST LEVEL CANAL (.54 MILES)	2	STP	$3,104,024	$2,483,219	$620,805	46 TEC Score 25% (YOE $3,104,024) STP
2019	604209	PIONEER VALLEY	MULTIPLE	HOLYOKE- WEST SPRINGFIELD- REHABILITATION OF ROUTE 5 (RIVERDALE ROAD), FROM I-91 (INTERCHANGE 13) TO MAIN STREET IN HOLYOKE & FROM ELM STREET TO NORTH ELM STREET IN WEST SPRINGFIELD (3.2 MILES)	2	STP	$4,814,456	$3,851,565	$962,891	50 TEC Score Pre 25% (YOE $4,814,456) STP
2019	607987	PIONEER VALLEY	WARE	WARE- INTERSECTION IMPROVEMENTS @ MAIN STREET, WEST STREET, NORTH STREET, SOUTH STREET & CHURCH STREET	2	STP	$589,428	$471,542	$117,886	54.5 TEC Score 25% (YOE $2,138,400) STP, TAP, CMAQ
2019	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	$6,480,000	$5,184,000	$1,296,000	48.5 TEC Score 25% (YOE 6,480,000) STP, (HPP will be used for Phase I)

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	607304	SOUTHEASTERN MASSACHUSETTS	DARTMOUTH	DARTMOUTH- INTERSECTION IMPROVEMENTS & RELATED WORK AT CHASE ROAD & OLD WESTPORT ROAD	5	STP	$1,110,051	$888,041	$222,010	Total Cost = $1,110,051; Construction; EC Score 24 of 87; Status Pre 25% Anticipating Project will be CMAQ eligible, pending further analysis.
2019	607719	SOUTHEASTERN MASSACHUSETTS	MIDDLEBOROUGH	MIDDLEBOROUGH- INTERSECTION IMPROVEMENTS & RELATED WORK AT EVERETT SQUARE	5	STP	$1,169,858	$935,886	$233,972	Total Cost = $1,169,858; Construction; EC Score 14 of 87; Status Pre 25%
2019	606709	SOUTHEASTERN MASSACHUSETTS	NEW BEDFORD	NEW BEDFORD - CORRIDOR IMPROVEMENTS AND RELATED WORK ON KINGS HIGHWAY, FROM CHURCH STREET TO THE KINGS HIGHWAY BRIDGE (N-06-036) OVER ROUTE 140	5	STP	$2,326,036	$2,093,432	$232,604	HSIP ($896,010) / CMAQ ($2,240,026) / TAP ($527,565) / STP ($2,326,036) Total Cost = $5,989,637; Construction; EC Score 41 of 87; Status Pre 25% Anticipating Projec
2019	117106	SOUTHEASTERN MASSACHUSETTS	WAREHAM	WAREHAM - RECONSTRUCTION OF ROUTE 6 & 28, FROM 500 FT. EAST OF TYLER AVENUE TO RED BROOK ROAD (1.65 miles)	5	STP	$9,175,845	$7,340,676	$1,835,169	FY18 STP ($8,279,836) / HSIP ($896,010) - FY18 Total Cost = $9,175,846 FY19 Total Cost = $9,175,845 Total Cost = $18,351,691; Construction; EC Sc
				NON-CMAQ/HSIP/TAP (OTHER) SUBTOTAL:			$146,677,606	$117,574,686	$29,102,920	

TAP - Transportation Alternatives Program

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	CMAQ+TAP+STP Total Cost = $15,459,553
2019	607652	BOSTON	EVERETT	EVERETT- RECONSTRUCTION OF FERRY STREET, SOUTH FERRY STREET AND A PORTION OF ELM STREET	4	TAP	$724,412	$579,530	$144,882	CMAQ+STP+HSIP+TAP Total Cost = $7,244,124
2019	608352	BOSTON	SALEM	SALEM- CANAL STREET RAIL TRAIL CONSTRUCTION (PHASE 2)	4	TAP	$2,595,840	$2,076,672	$519,168	
2019	606272	CAPE COD	BARNSTABLE	BARNSTABLE- INTERSECTION IMPROVEMENTS AT IYANOUGH ROAD (ROUTE 28) AND YARMOUTH ROAD	5	TAP	$193,036	$154,429	$38,607	Total programmed with 8% inflation = $6,646,775 = $1,046,285 CMAQ + $540,800 Statewide CMAQ + $458,514 HSIP + $193,036 TAP + $4,408,140 STP. 25% design sumitted. RSA performed. CMAQ analysis to be performed. Score = 83.
2019	607250	CENTRAL MASSACHUSETTS	PAXTON	PAXTON - RECLAMATION ON ROUTE 31 (HOLDEN ROAD)	3	TAP	$488,961	$391,169	$97,792	Construction / TEC Score = 3.6 / Design Status = 75% / STP + TAP Total Project Cost = $3,937,449 / Project Proponent is Town of Paxton

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	608027	MERRIMACK VALLEY	HAVERHILL	HAVERHILL - BRADFORD RAIL TRAIL EXTENSION, FROM ROUTE 125 TO RAILROAD STREET	4	TAP	$345,082	$276,066	$69,016	Total Project Cost = $1,176,240 cost inflated 8% from 2017 cost of $1,087,500. FFY 2019 CMAQ + TAP + STP (Construction) TEC = 6.65 out of 18. (C) Project Proponent is the City of
2019	605651	MONTACHUSETT	LEOMINSTER	LEOMINSTER- RECONSTRUCTION ON ROUTE 13, FROM HAWES STREET TO PROSPECT STREET	3	TAP	$85,118	$68,094	$17,024	HSIP/CMAQ/TAP/STP; Total Cost = $4,110,949 Adjusted for YOE by 8%; Non Adjusted Total Cost = $3,806,434 (as of 4/13/16); Construction; TEC 64 of 100; 25% Design; Cost includes utilites; AQ analysis shows positive impact
2019	605966	NORTHERN MIDDLESEX	LOWELL	LOWELL- RECONSTRUCTION & RELATED WORK ON VFW PARKWAY	4	TAP	$318,775	$255,020	$63,755	TAP + STP Total Cost at FFY 2019 YOE $6,219,200 ($5,750,000); TEC Score 5.5 out of 18.
2019	607987	PIONEER VALLEY	WARE	WARE- INTERSECTION IMPROVEMENTS @ MAIN STREET, WEST STREET, NORTH STREET, SOUTH STREET & CHURCH STREET	2	TAP	$573,500	$458,800	$114,700	54.5 TEC Score 25% (YOE $2,138,400) STP, TAP, Ware
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	$527,565	$474,809	$52,757	HSIP ($896,010) / CMAQ ($2,240,026) / TAP ($527,565) / STP ($2,326,036) Total Cost = $5,989,637; Construction; EC Score 41 of 87; Status Pre 25% Proponent - City of New Bedfo
				TAP - TRANSPORTATION ALTERNATIVES PROGRAM SUBTOTAL:			$7,171,222	$5,789,735	$1,381,488	
				SECTION 1A / FEDERAL AID TARGET PROJECTS TOTAL:			$208,861,082	$169,295,507	$39,565,580	

SECTION 1B / FEDERAL AID BRIDGE PROJECTS

Off-System

2019	608243	BERKSHIRE	NEW MARLBOROUGH	NEW MARLBOROUGH- BRIDGE REPLACEMENT, N-08-010, UMPACHENE FALLS OVER KONKAPOT RIVER	1	STP-BR-OFF	$790,763	$632,610	$158,153	
2019	603255	BERKSHIRE	PITTSFIELD	PITTSFIELD- BRIDGE REPLACEMENT, P-10-049, LAKEWAY DRIVE OVER ONOTA LAKE	1	STP-BR-OFF	$1,629,249	$1,303,399	$325,850	
2019	608523	BERKSHIRE	PITTSFIELD	PITTSFIELD- BRIDGE REPLACEMENT, P-10-042, NEW ROAD OVER W BRANCH HOUSATONIC RIVER	1	STP-BR-OFF	$2,343,824	$1,875,059	$468,765	
2019	608263	BERKSHIRE	SHEFFIELD	SHEFFIELD- BRIDGE REPLACEMENT, S-10-019, BERKSHIRE SCHOOL ROAD OVER SCHENOB BROOK	1	STP-BR-OFF	$1,908,183	$1,526,546	$381,637	
2019	608255	BOSTON	STOW	STOW- BRIDGE REPLACEMENT, S-29-011, BOX MILL ROAD OVER ELIZABETH BROOK	3	STP-BR-OFF	$1,600,560	$1,280,448	$320,112	
2019	608079	BOSTON	SHARON	SHARON- BRIDGE REPLACEMENT, S-09-003 (40N), MASKWONICUT STREET OVER AMTRAK/MBTA	5	STP-BR-OFF	$5,637,492	$4,509,994	$1,127,498	

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	608190	CENTRAL MASSACHUSETTS	EAST BROOKFIELD	EAST BROOKFIELD - BRIDGE REPLACEMENT, E-02-001, SOUTH POND OVER SOUTH POND INLET	3	STP-BR-OFF	$1,944,000	$1,555,200	$388,800	Construction / Design Status = Pre25% / Total Project Cost = $1,944,000
2019	608260	MONTACHUSETT	ATHOL	ATHOL- BRIDGE REPLACEMENT, A-15-005, WASHINGTON AVE OVER ATHOL POND OUTLET	2	STP-BR-OFF	$2,446,848	$1,957,478	$489,370	
2019	608259	MONTACHUSETT	TOWNSEND	TOWNSEND- BRIDGE REPLACEMENT, T-07-013, WEST MEADOW ROAD OVER LOCKE BROOK	3	STP-BR-OFF	$2,226,528	$1,781,222	$445,306	
2019	607534	NORTHERN MIDDLESEX	TEWKSBURY	TEWKSBURY - MILL STREET OVER THE SHAWSHEEN RIVER (BR-OFF)	4	STP-BR-OFF	$1,260,668	$1,008,534	$252,134	STP-BR-OFF, Total Cost $1,260,668.
2019	608249	PIONEER VALLEY	MIDDLEFIELD	MIDDLEFIELD- BRIDGE REPLACEMENT, M-19-010, CHESTER ROAD OVER SMART BROOK	1	STP-BR-OFF	$1,411,344	$1,129,075	$282,269	
					OFF-SYSTEM SUBTOTAL:		$23,199,459	$18,559,565	$4,639,894	

On System

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	$25,763,391	$20,610,713	$5,152,678	AC YR 2 of 2, YOE $51,527,391
2019	604173	BOSTON	BOSTON	BOSTON- BRIDGE REHABILITATION, B-16-016, NORTH WASHINGTON STREET OVER THE BOSTON INNER HARBOR	6	NHPP	$24,900,000	$19,920,000	$4,980,000	AC YR 3 of 5, YOE $112,400,000
2019	605306	MERRIMACK VALLEY	HAVERHILL	HAVERHILL- SUPERSTRUCTURE REPLACEMENT,H-12-039, I-495 (NB & SB) OVER MERRIMACK RIVER	4	NHPP	$15,772,179	$12,617,743	$3,154,436	AC Yr 3 of 3; $15,772,179 = sum of year 3. Total Cost = $50,772,179. (Construction) (M)
2019	608612	MONTACHUSETT	ATHOL	ATHOL- BRIDGE REPLACEMENT, A-15-008, CRESCENT STREET OVER MILLERS RIVER	2	NHPP	$8,140,880	$6,512,704	$1,628,176	
2019	606552	PIONEER VALLEY	NORTHAMPTON	NORTHAMPTON- BRIDGE RECONSTRUCTION, N-19-059, I-91 OVER US 5/BMRR & N-19-060, I-91 OVER HOCKANUM ROAD	2	NHPP	$57,206,767	$45,765,414	$11,441,353	
					ON SYSTEM SUBTOTAL:		$131,783,217	$105,426,574	$26,356,643	

Statewide Bridge Inspection Program

2019	BRI19	STATEWIDE	MULTIPLE	BRIDGE INSPECTION		NHPP	$6,250,000	$5,000,000	$1,250,000	
					STATEWIDE BRIDGE INSPECTION PROGRAM SUBTOTAL:		$6,250,000	$5,000,000	$1,250,000	

Statewide Systematic Maintenance Program

2019	608234	BOSTON	MULTIPLE	BOSTON- RANDOLPH- BRIDGE PRESERVATION OF 3 BRIDGES: B-16-165, R-01-005 & R-01-007	6	NHPP	$2,487,857	$1,990,285	$497,571	
2019	608237	CENTRAL MASSACHUSETTS	MULTIPLE	WORCESTER - BOYLSTON - NORTHBOROUGH - STRUCTURAL STEEL CLEANING AND PAINTING OF OVERHEAD BRIDGES ON I-290	3	NHPP	$1,379,786	$1,103,829	$275,957	Construction / Design Status = Pre25% / Total Project Cost = $1,379,786

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	608257	NORTHERN MIDDLESEX	LOWELL	LOWELL- DECK REPLACEMENT, L-15-068 (2H5), LOWELL CONNECTOR (NB) OVER INDUSTRIAL AVENUE EAST	4	NHPP	$1,735,715	$1,388,572	$347,143	
2019	608258	PIONEER VALLEY	HUNTINGTON	HUNTINGTON, BRIDGE PRESERVATION, BRIDGE NO. H-27-007	1	NHPP	$453,000	$362,400	$90,600	
2019	608251	STATEWIDE	MULTIPLE	DISTRICT 2- SYSTEMATIC BRIDGE MAINTENANCE AT VARIOUS LOCATIONS (2019)	2	NHPP	$2,148,120	$1,718,496	$429,624	
				STATEWIDE SYSTEMATIC MAINTENANCE PROGRAM SUBTOTAL:			$8,204,478	$6,563,582	$1,640,895	
				SECTION 1B / FEDERAL AID BRIDGE PROJECTS TOTAL:			$169,437,154	$135,549,721	$33,887,432	

SECTION 1C / FEDERAL AID NON TARGET PROJECTS

Other Federal Aid

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 = $25,297,839
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 = $25,297,839
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 = $25,297,839
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 = $25,297,839
				OTHER FEDERAL AID SUBTOTAL:			$17,444,341	$13,955,472	$3,488,869	
				SECTION 1C / FEDERAL AID NON-TARGET PROJECTS TOTAL:			$17,444,341	$13,955,472	$3,488,869	

SECTION 1D / FEDERAL AID MAJOR & STATE CATEGORY PROJECTS

Other Statewide Items

2019	EWO	STATEWIDE		AWARD ADJUSTMENTS, CHANGE ORDERS, PROJECT VALUE CHANGES, ETC.		NHPP	$31,250,000	$28,125,000	$3,125,000	
2019	MSC19	STATEWIDE		DBES, MISC PROGRAMS		STP	$1,000,000	$800,000	$200,000	
2019	MSC	STATEWIDE		STATEWIDE DESIGN AND RIGHT OF WAY		STP	$5,806,034	$4,644,827	$1,161,207	
2019	ABPGAN	STATEWIDE	MULTIPLE	ABP GANS DEBT SERVICE		NHPP	$73,125,542	$73,125,542	$0	AC Year 5 of 12. Accelerated Bridge Program (ABP) GANs payments begin in FFY 2015.
2019	SRT19	STATEWIDE	MULTIPLE	STATEWIDE RECREATIONAL TRAILS		REC	$1,483,411	$1,186,729	$296,682	

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	ABPGAN	STATEWIDE	MULTIPLE	ABP GANS DEBT SERVICE		STP-BR-OFF	$399,608	$399,608	$0	AC Year 5 of 12. Accelerated Bridge Program (ABP) GANs payments begin in FFY 2015.
						OTHER STATEWIDE ITEMS SUBTOTAL:	$113,064,595	$108,281,706	$4,782,889	

Statewide Americans with Disability Act Implementation Plan

2019	608225	STATEWIDE	MULTIPLE	DISTRICT 1- ADA RETROFITS AT VARIOUS LOCATIONS	1	STP-TE	$670,284	$536,228	$134,057	
2019	608226	STATEWIDE	MULTIPLE	DISTRICT 2- ADA RETROFITS AT VARIOUS LOCATIONS	2	STP-TE	$939,716	$751,772	$187,943	
						STATEWIDE AMERICANS WITH DISABILITY ACT IMPLEMENTATION PLAN SUBTOTAL:	$1,610,000	$1,288,000	$322,000	

Statewide Congestion Mitigation and Air Quality

2019	607888	BOSTON	MULTIPLE	BOSTON- BROOKLINE- MULTI-USE PATH CONSTRUCTION ON NEW FENWAY	6	CMAQ	$1,838,827	$1,471,062	$367,765	
2019	606272	CAPE COD	BARNSTABLE	BARNSTABLE- INTERSECTION IMPROVEMENTS AT IYANOUGH ROAD (ROUTE 28) AND YARMOUTH ROAD	5	CMAQ	$540,800	$432,640	$108,160	Total programmed with 8% inflation = $6,646,775 = $1,046,285 CMAQ + $540,800 Statewide CMAQ + $458,514 HSIP + $193,036 TAP + $4,408,140 STP. 25% design sumitted. RSA performed. CMAQ analysis to be performed. Score = 83.
2019	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	Total Project Cost = $1,874,040 inflated 8% from 2017 cost. (Construction) TEC = 4.97 out of 18. (C)
2019	608193	MONTACHUSETT	MULTIPLE	FITCHBURG- LEOMINSTER- RAIL TRAIL CONSTRUCTION (TWIN CITIES RAIL TRAIL)	3	CMAQ	$11,178,000	$8,942,400	$2,235,600	
2019	607885	NORTHERN MIDDLESEX	LOWELL	LOWELL- PEDESTRIAN WALKWAY & BICYCLE CONNECTION AT PAWTUCKET FALLS OVERLOOK, FROM VANDENBERG ESPLANADE TO SCHOOL STREET	4	CMAQ	$2,414,131	$1,928,448	$482,112	Statewide CMAQ Total Cost estimate at FFY 2019 YOE $2,414,131 ($2,232,000). TEC Score 4.32 out of 18.
2019	608086	OLD COLONY	AVON	AVON - INTERSECTION IMPROVEMENTS AT HARRISON BOULEVARD AND POND STREET	5	CMAQ	$3,888,000	$3,110,400	$777,600	YOE is $3,888,000; $3,888,000 Section 1D CMAQ; Pre-25% Design; Phase is Construction.
2019	608088	OLD COLONY	BROCKTON	BROCKTON- CORRIDOR IMPROVEMENTS ON ROUTE 123 (BELMONT STREET), FROM ANGUS BEATON DRIVE TO WEST STREET	5	CMAQ	$592,300	$473,840	$118,460	YOE is $4,536,000; $455,954 Section 1A TAP + $3,487,746 Section 1A STP + $592,300 Section 1D CMAQ; Pre-25% Design; Phase is Construction.
2019	607941	OLD COLONY	EAST BRIDGEWATER	EAST BRIDGEWATER- RESURFACING AND SIDEWALK CONSTRUCTION ON BEDFORD STREET (ROUTE 18), FROM WHITMAN STREET (ROUTE 106) TO CENTRAL STREET	5	CMAQ	$1,891,000	$1,512,800	$378,200	YOE is $4,276,800; $2,385,800 Section 1A STP and $1,891,000 Section 1D CMAQ; Pre-25% Design; Phase is Construction.

2019

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2019	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	$4,052,959	$3,242,367	$810,592	TEC 27 - 25% Design
2019	606555	PIONEER VALLEY	NORTHAMPTON	NORTHAMPTON- ROUNDABOUT CONSTRUCTION AT INTERSECTION ROUTES 5/10 (NORTH KING STREET) & HATFIELD STREET	2	CMAQ	$2,985,469	$2,388,375	$597,094	TEC 52 - 25% Design
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	$6,784,161	$5,427,329	$1,356,832	TEC 36.6 - 75% Desing
2019	MRIDES	STATEWIDE	MULTIPLE	MASSRIDES - TRAVEL OPTIONS PROGRAM		CMAQ	$2,500,000	$2,000,000	$500,000	AC Yr 1 of 5. Total contract = $16.6M. Includes Safe Routes to Schools.
				STATEWIDE CONGESTION MITIGATION AND AIR QUALITY SUBTOTAL:			$40,539,675	$32,428,883	$8,107,221	

Statewide HSIP Program

2019	607756	BERKSHIRE	GREAT BARRINGTON	GREAT BARRINGTON- INTERSECTION & SIGNAL IMPROVEMENTS ON US 7 (SOUTH MAIN STREET) AT SR 23 & SR 41 (MAPLE AVENUE)	1	HSIP	$594,000	$534,600	$59,400	
2019	608205	BOSTON	MULTIPLE	READING TO LYNNFIELD- GUIDE AND TRAFFIC SIGN REPLACEMENT ON A SECTION OF I-95 (SR 128)	4	HSIP	$4,686,876	$4,218,188	$468,688	
2019	608206	BOSTON	MULTIPLE	CHELSEA TO DANVERS- GUIDE AND TRAFFIC SIGN REPLACEMENT ON A SECTION OF US ROUTE 1	4	HSIP	$7,471,818	$6,724,636	$747,182	
2019	608052	BOSTON	NORWOOD	NORWOOD- INTERSECTION & SIGNAL IMPROVEMENTS AT US 1 (PROVIDENCE HIGHWAY) & MORSE STREET	5	HSIP	$594,000	$534,600	$59,400	
2019	607759	BOSTON	BOSTON	BOSTON- INTERSECTION & SIGNAL IMPROVEMENTS AT THE VFW PARKWAY & SPRING STREET	6	HSIP	$594,000	$534,600	$59,400	
2019	607763	BOSTON	MILTON	MILTON- INTERSECTION & SIGNAL IMPROVEMENTS AT 2 LOCATIONS: SR 138 (BLUE HILL AVENUE) AT ATHERTON STREET & BRADLEE ROAD AND SR 138 (BLUE HILL AVENUE) AT MILTON STREET & DOLLAR LANE	6	HSIP	$1,188,000	$1,069,200	$118,800	
2019	608571	CAPE COD	MULTIPLE	BOURNE TO FALMOUTH - GUIDE AND TRAFFIC SIGN REPLACEMENT ON A SECTION OF ROUTE 28	5	HSIP	$450,021	$405,019	$45,002	This project is in the preliminary design phase. Score = 38.
2019	607757	CENTRAL MASSACHUSETTS	WORCESTER	WORCESTER - SIGNAL & INTERSECTION IMPROVEMENTS ON ROUTE SR 122 (PROVIDENCE STREET) AT MILLBURY STREET & MCKEON ROAD	3	HSIP	$594,000	$534,600	$59,400	Construction / Design Status = Pre25% / Total Project Cost = $594,000
2019	608187	MERRIMACK VALLEY	MULTIPLE	HAVERHILL- MERRIMAC- AMESBURY- TRAFFIC & GUIDE SIGN REPLACEMENT ON A SECTION OF I-495	4	HSIP	$4,807,449	$4,326,704	$480,745	Total Project Cost = $4,807,449 inflated 8% from 2017 cost. (Construction) (M)

2019

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2019	608053	SOUTHEASTERN MASSACHUSETTS	MANSFIELD	MANSFIELD- INTERSECTION & SIGNAL IMPROVEMENTS AT SR 140 (COMMERCIAL STREET) & SR 106 (CHAUNCEY STREET)	5	HSIP	$594,000	$534,600	$59,400	
2019	608582	STATEWIDE	MULTIPLE	STATEWIDE- VARIOUS SAFETY STRATEGIES TO ADDRESS SHSP -TO BE DETERMINED (2019)		HSIP	$11,500,837	$10,350,753	$1,150,084	
				STATEWIDE HSIP PROGRAM SUBTOTAL:			$33,075,001	$29,767,500	$3,307,501	
Statewide Infrastructure Program										
2019	608608	BOSTON	BRAINTREE	Braintree - Highway Lighting Improvements at I-93/ Route 3 Interchange	6	STP	$7,500,000	$6,000,000	$1,500,000	AC Year 1 of 2. Total Cost = $9,697,229.16.
2019	608600	PIONEER VALLEY	MULTIPLE	Chicopee - West Springfield- Highway Lighting Upgrade on I-91	2	STP	$2,991,497	$2,393,198	$598,299	
				STATEWIDE INFRASTRUCTURE PROGRAM SUBTOTAL:			$10,491,497	$8,393,198	$2,098,299	
Statewide Intelligent Transportation System										
2019	607487	STATEWIDE	MULTIPLE	STATEWIDE- EXPANSION OF CCTV, VMS AND THE TRAFFIC SENSOR NETWORK		CMAQ	$6,250,000	$5,000,000	$1,250,000	AC YR 2 of 2, TFPC=$11,376,000.
2019	608141	STATEWIDE	MULTIPLE	DISTRICT 4- ITS CONSTRUCTION ON I-95, FROM EXIT 60 (SALISBURY) TO ROUTE 128 (PEABODY) 25.8 MILES	4	CMAQ	$6,250,000	$5,000,000	$1,250,000	
				STATEWIDE INTELLIGENT TRANSPORTATION SYSTEM SUBTOTAL:			$12,500,000	$10,000,000	$2,500,000	
Statewide Interstate Maintenance Program										
2019	608219	BOSTON	MULTIPLE	READING- WAKEFIELD- INTERSTATE MAINTENANCE AND RELATED WORK ON I-95	4	NHPP	$4,717,440	$4,245,696	$471,744	
2019	607182	FRANKLIN	MULTIPLE	DEERFIELD- BERNARDSTON- GREENFIELD- INTERSTATE MAINTENANCE & RELATED WORK ON ROUTE I-91	2	NHPP	$17,868,768	$16,081,892	$1,786,877	Construction Phase. Design Status = PS&E.
2019	607560	PIONEER VALLEY	MULTIPLE	CHICOPEE- HOLYOKE- INTERSTATE MAINTENANCE & RELATED WORK ON I-391	2	NHPP	$9,927,072	$8,934,365	$992,707	
				STATEWIDE INTERSTATE MAINTENANCE PROGRAM SUBTOTAL:			$32,513,280	$29,261,953	$3,251,328	
Statewide National Highway System Preservation Program										
2019	608465	BERKSHIRE	MULTIPLE	LENOX- LEE- STOCKBRIDGE- RESURFACING AND RELATED WORK ON ROUTE 7	1	NHPP	$5,686,200	$4,548,960	$1,137,240	
2019	608467	BOSTON	MULTIPLE	MARLBOROUGH- SUDBURY- RESURFACING AND RELATED WORK ON ROUTE 20	3	NHPP	$10,681,200	$8,544,960	$2,136,240	
2019	608468	BOSTON	MULTIPLE	PEABODY- DANVERS- RESURFACING AND RELATED WORK ON ROUTE 1	4	NHPP	$13,016,160	$10,412,928	$2,603,232	

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	608466	PIONEER VALLEY	BELCHERTOWN	BELCHERTOWN- GRANBY- RESURFACING AND RELATED WORK ON ROUTE 202	2	NHPP	$4,850,591	$3,880,473	$970,118	
2019	608223	SOUTHEASTERN MASSACHUSETTS	FALL RIVER	FALL RIVER- RESURFACING AND RELATED WORK ON ROUTE 24 (EXCLUDES MM 3.9-4.5)	5	NHPP	$8,227,008	$6,581,606	$1,645,402	
2019	608454	SOUTHEASTERN MASSACHUSETTS	MIDDLEBOROUGH	MIDDLEBOROUGH- CARVER- RESURFACING AND RELATED WORK ON ROUTE 44 FROM MM 21.75 TO 28.80	5	NHPP	$13,662,000	$10,929,600	$2,732,400	
2019	608222	STATEWIDE	MULTIPLE	BOURNE- WAREHAM- RESURFACING AND RELATED WORK ON ROUTE 25	5	NHPP	$6,619,860	$5,295,888	$1,323,972	
2019	608469	STATEWIDE	MULTIPLE	BOURNE- PLYMOUTH- PAVEMENT PRESERVATION AND RELATED WORK ON ROUTE 3	5	NHPP	$11,178,000	$8,942,400	$2,235,600	
				STATEWIDE NATIONAL HIGHWAY SYSTEM PRESERVATION PROGRAM		**SUBTOTAL:**	$73,921,019	$59,136,815	$14,784,204	

Statewide Planning Program

2019	UPWP20	STATEWIDE	MULTIPLE	METROPOLITAN PLANNING FOR THE UNIFIED PLANNING WORK PROGRAM		PL	$9,825,026	$7,860,021	$1,965,005	
2019	SPR219	STATEWIDE	MULTIPLE	STATEWIDE PLANNING AND RESEARCH WORK PROGRAM II (SPR II), RESEARCH		RD	$4,500,000	$3,600,000	$900,000	
2019	UPWP20	STATEWIDE	MULTIPLE	METROPOLITAN PLANNING FOR THE UNIFIED PLANNING WORK PROGRAM		SPR	$1,012,803	$810,242	$202,561	
2019	SPR119	STATEWIDE	MULTIPLE	STATEWIDE PLANNING AND RESEARCH WORK PROGRAM I (SPR I), PLANNING		SPR	$12,936,571	$10,349,257	$2,587,314	
				STATEWIDE PLANNING PROGRAM		**SUBTOTAL:**	$28,274,400	$22,619,520	$5,654,880	

Statewide Railroad Grade Crossings

2019	RRC	STATEWIDE	MULTIPLE	STATEWIDE RAILROAD CROSSING HAZARD ELIMINATION CONTRACTS		RRHE	$2,500,000	$2,000,000	$500,000	
2019	RRC	STATEWIDE	MULTIPLE	STATEWIDE RAILROAD CROSSING PROTECTIVE DEVICES CONTRACTS		RRPD	$2,250,000	$1,800,000	$450,000	
				STATEWIDE RAILROAD GRADE CROSSINGS		**SUBTOTAL:**	$4,750,000	$3,800,000	$950,000	

Statewide Safe Routes to Schools Program

2019	608628	STATEWIDE	MULTIPLE	SAFE ROUTES TO SCHOOLS - PLANNING AND DESIGN (2019)		TAP	$400,000	$320,000	$80,000	
2019	608627	STATEWIDE	MULTIPLE	SAFE ROUTES TO SCHOOLS - EDUCATION (2019)		TAP	$800,000	$640,000	$160,000	
2019	608626	STATEWIDE	MULTIPLE	SAFE ROUTES TO SCHOOLS - PROJECTS (2019)		TAP	$5,050,000	$4,040,000	$1,010,000	
				STATEWIDE SAFE ROUTES TO SCHOOLS PROGRAM		**SUBTOTAL:**	$6,250,000	$5,000,000	$1,250,000	

2019

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
Statewide Stormwater Retrofits										
2019	608214	BOSTON	WINCHESTER	WINCHESTER- STORMWATER IMPROVEMENTS ALONG ROUTE 3	4	STP-TE	$241,920	$193,536	$48,384	
2019	608599	BOSTON	MULTIPLE	CANTON-FOXBOROUGH-NORWOOD-WALPOLE- STORMWATER IMPROVEMENTS ALONG ROUTE 1, ROUTE 1A, AND INTERSTATE 95	5	STP-TE	$506,000	$404,800	$101,200	
2019	608594	MONTACHUSETT	LANCASTER	LANCASTER - STORMWATER IMPROVEMENTS ALONG ROUTE 2	3	STP-TE	$370,625	$296,500	$74,125	
2019	607560	PIONEER VALLEY	MULTIPLE	CHICOPEE- HOLYOKE- INTERSTATE MAINTENANCE & RELATED WORK ON I-391	2	STP-TE	$1,281,255	$1,025,004	$256,251	
2019	608215	SOUTHEASTERN MASSACHUSETTS	FAIRHAVEN	FAIRHAVEN- STORMWATER IMPROVEMENTS ALONG ROUTE 240 AND ROUTE 6	5	STP-TE	$241,920	$193,536	$48,384	
				STATEWIDE STORMWATER RETROFITS SUBTOTAL:			$2,641,720	$2,113,376	$528,344	
				SECTION 1D / FEDERAL AID MAJOR & STATE CATEGORY PROJECTS TOTAL:			$359,631,187	$312,090,951	$47,536,666	
SECTION 2B / NON-FEDERAL BRIDGE PROJECTS										
Section 2B / Non-Federal Bridge Projects										
2019	601186	FRANKLIN	MULTIPLE	GREENFIELD- MONTAGUE- BRIDGE REHABILITATION, G-12-020=M-28-001, MONTAGUE CITY ROAD OVER CONNECTICUT RIVER (GENERAL PIERCE BR)	2	NFA	$20,671,096	$0	$20,671,096	Construction phase. Design status = preliminary
				SECTION 2B / NON-FEDERAL BRIDGE PROJECTS SUBTOTAL:			$20,671,096	$0	$20,671,096	
				SECTION 2B / NON-FEDERAL BRIDGE PROJECTS TOTAL:			$20,671,096	$0	$20,671,096	
TOTAL	**YEAR 2019**						**$776,044,860**	**$630,891,651**	**$145,149,643**	

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 / FEDERAL AID TARGET PROJECTS										
CMAQ - Congestion Mitigation and Air Quality Improvement Program										
2020	607328	BERKSHIRE	ADAMS	ADAMS- PAVEMENT REHABILITATION & RELATED WORK ON ROUTE 8	1	CMAQ	$889,911	$711,929	$177,982	STP + CMAQ; Total Cost = 7,638,400; MPO evaluation score 3 of 8; Design Status: <25%; YOE =12%
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	STP+CMAQ+TAP Total Cost = $15,532,405
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	CMAQ+STP Total Cost = $4,953,270
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	STP+CMAQ+TAP Total Cost = $18,584,373
2020	606453	BOSTON	BOSTON	BOSTON- IMPROVEMENTS ON BOYLSTON STREET, FROM INTERSECTION OF BROOKLINE AVENUE & PARK DRIVE TO IPSWICH STREET	6	CMAQ	$1,000,000	$800,000	$200,000	CMAQ+TAP+STP Total Cost = $8,214,319
2020	1570	BOSTON	MULTIPLE	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	NA	CMAQ	$13,427,220	$10,741,776	$2,685,444	funding flexed to FTA; match provided by local contributions; STP+CMAQ+Section 5309 (Transit)
2020	CC2000	CAPE COD		Cape Cod Bicycle Rack Program	5	CMAQ	$100,000	$80,000	$20,000	Total programmed = $100,000. CMAQ analysis complete. Funds to be applied for by municipalities. Score = 52.
2020	606900	CAPE COD	BOURNE	BOURNE- TRAFFIC AND MULTI-MODAL IMPROVEMENTS @ BELMONT CIRCLE AT ROUTES 6/25/28	5	CMAQ	$1,046,285	$837,028	$209,257	Total programmed with 12% inflation = $5,644,800 = $1,046,285 CMQ + $4,598,515 STP. Potential HSIP - RSA to be conducted. CMAQ analysis to be conducted. Score = 82.
2020	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	$77,492	$61,994	$15,498	AC Year 1 of 2; total estimated cost $2,240,448 for 0.65 mile section including statewide CMAQ amount
2020	608298	MERRIMACK VALLEY	GROVELAND	GROVELAND- GROVELAND COMMUNITY TRAIL, FROM MAIN STREET TO KING STREET	4	CMAQ	$1,107,389	$885,911	$221,478	Total Project Cost = $2,672,677 cost inflated 12% from 2017 cost of $2,376,000. FY 2020 CMAQ + TAP + STP (Construction) TEC = 4.87 out of 18. (C)

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	606420	MONTACHUSETT	FITCHBURG	FITCHBURG- INTERSECTION & SIGNAL IMPROVEMENTS @ ROUTE 2A (LUNENBURG STREET) & JOHN FITCH HIGHWAY	3	CMAQ	$1,114,889	$891,911	$222,978	HSIP/CMAQ/TAP/STP; Total Cost = $2,016,000 Adjusted for YOE by 12%; Non Adjusted Total Cost = $1,800,000 (as of 4/10/13); Highway Reconstruction/Restoration & Rehab; Prelim Design; TEC 44 of 100; Construction;
2020	NT0001	NANTUCKET		INTERSECTION IMPROVEMENTS AT SURFSIDE ROAD AND BARTLETT ROAD	NA	CMAQ	$54,995	$43,996	$10,999	AC Yr 2 of 2. Estimated Total Construction Cost = $913,791. Total in FFY 2019 (STP + CMAQ) = $461,571.
2020	608350	NORTHERN MIDDLESEX	DRACUT	DRACUT-IMPROVEMENTS ON NASHUA ROAD	4	CMAQ	$977,402	$781,922	$195,480	CMAQ + TAP + STP Total Cost at FFY 2020 YOE $6,209,249 ($5,520,000); TEC Score 7.42 out of 18.
2020	608346	NORTHERN MIDDLESEX	TEWKSBURY	TEWKSBURY-INTERSECTION IMPROVEMENTS AT MAIN STREET, SALEM ROAD AND SOUTH STREET	4	CMAQ	$977,402	$781,922	$195,480	HSIP + CMAQ Total Cost at FFY 2020 YOE $2,362,214 ($2,100,000); TEC Score 7.17 out of 18.
2020	607217	OLD COLONY	EASTON	EASTON- CORRIDOR IMPROVEMENTS ON DEPOT STREET (ROUTE 123), FROM NEWELL CIRCLE TO WASHINGTON STREET (ROUTE 138)	5	CMAQ	$1,139,886	$911,909	$227,977	
2020	606895	PIONEER VALLEY	GRANBY	GRANBY- IMPROVEMENTS @ 2 LOCATIONS ON ROUTE 202: SCHOOL STREET & FIVE CORNERS	2	CMAQ	$1,371,297	$1,097,038	$274,259	42 TEC 25% (YOE $1,371,297) CMAQ
2020	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	$2,016,023	$224,003	HSIP ($896,010) / CMAQ ($2,240,026) / STP ($4,101,257) Total Cost = $7,237,293; Construction; EC Score 32 of 87; Status Pre 25% Anticipating Project will be HSIP & CMA
				CMAQ - CONGESTION MITIGATION AND AIR QUALITY IMPROVEMENT PROGRAM SUBTOTAL:			$28,524,194	$23,043,359	$5,480,835	

HSIP - Highway Safety Improvement Program

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2020	607397	CAPE COD	WELLFLEET	WELLFLEET- INTERSECTION IMPROVEMENTS & RELATED WORK AT ROUTE 6 & MAIN STREET	5	HSIP	$458,514	$412,663	$45,851	Total programmed with 12% inflation applied = $2,240,448 = $242,367 TAP + $458,514 HSIP + $1,539,5678 STP. RSA conducted. Preliminary design. Municipality is proponent. Score = 82.
2020	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	HSIP	$30,997	$27,897	$3,100	AC Year 1 of 2; total estimated cost $2,240,448 for 0.65 mile section including statewide CMAQ amount

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	606420	MONTACHUSETT	FITCHBURG	FITCHBURG- INTERSECTION & SIGNAL IMPROVEMENTS @ ROUTE 2A (LUNENBURG STREET) & JOHN FITCH HIGHWAY	3	HSIP	$445,955	$401,360	$44,596	HSIP/CMAQ/TAP/STP; Total Cost = $2,016,000 Adjusted for YOE by 12%; Non Adjusted Total Cost = $1,800,000 (as of 4/10/13); Highway Reconstruction/Restoration & Rehab; Prelim Design; TEC 44 of 100; Construction;
2020	608346	NORTHERN MIDDLESEX	TEWKSBURY	TEWKSBURY-INTERSECTION IMPROVEMENTS AT MAIN STREET, SALEM ROAD AND SOUTH STREET	4	HSIP	$1,384,812	$1,246,331	$138,481	HSIP + CMAQ Total Cost at FFY 2020 YOE $2,362,214 ($2,100,000); TEC Score 7.17 out of 18.
2020	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	HSIP ($896,010) / CMAQ ($2,240,026) / STP ($4,101,257) Total Cost = $7,237,293; Construction; EC Score 32 of 87; Status Pre 25% Anticipating Project will be HSIP & CMA
				HSIP - HIGHWAY SAFETY IMPROVEMENT PROGRAM SUBTOTAL:			$3,216,288	$2,894,660	$321,629	

Non-CMAQ/HSIP/TAP (Other)

2020	607328	BERKSHIRE	ADAMS	ADAMS- PAVEMENT REHABILITATION & RELATED WORK ON ROUTE 8	1	STP	$6,748,489	$5,398,791	$1,349,698	STP + CMAQ; Total Cost = 7,638,400; MPO evaluation score 3 of 8; Design Status: <25%; YOE =12%
2020	604123	BOSTON	ASHLAND	ASHLAND- RECONSTRUCTION ON ROUTE 126 (POND STREET), FROM THE FRAMINGHAM T.L. TO THE HOLLISTON T.L	3	STP	$12,425,924	$9,940,739	$2,485,185	STP+CMAQ+TAP Total Cost = $15,532,405
2020	602077	BOSTON	LYNN	LYNN- RECONSTRUCTION ON ROUTE 129 (LYNNFIELD STREET), FROM GREAT WOODS ROAD TO WYOMA SQUARE	4	STP	$3,953,270	$3,162,616	$790,654	CMAQ+STP Total Cost = $4,953,270
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	$15,725,936	$12,580,749	$3,145,187	STP+CMAQ+TAP Total Cost = $18,584,373
2020	606453	BOSTON	BOSTON	BOSTON- IMPROVEMENTS ON BOYLSTON STREET, FROM INTERSECTION OF BROOKLINE AVENUE & PARK DRIVE TO IPSWICH STREET	6	STP	$6,401,887	$5,121,510	$1,280,377	CMAQ+TAP+STP Total Cost = $8,214,319
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	Yr 1 of 5; TAP+STP+Earmarks Total Cost = $37,411,459
2020	1570	BOSTON	MULTIPLE	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	NA	STP	$26,572,780	$21,258,224	$5,314,556	funding flexed to FTA; match provided by local contributions; STP+CMAQ+Section 5309 (Transit)

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	606900	CAPE COD	BOURNE	BOURNE- TRAFFIC AND MULTI-MODAL IMPROVEMENTS @ BELMONT CIRCLE AT ROUTES 6/25/28	5	STP	$4,598,515	$3,678,812	$919,703	Total programmed with 12% inflation = $5,644,800 = $1,046,285 CMQ + $4,598,515 STP. Potential HSIP - RSA to be conducted. CMAQ analysis to be conducted. 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	STP	$2,120,112	$1,696,090	$424,022	ADVANCED CONSTRUCTION: Year 1 of 2. Total programmed with 12% inflation applied = $9,240,112 = $2,120,112 in FFY2020 STP + $7,120,000 in FFY2021 ($319,725 TAP + $458,514 HSIP + $1,046,285 CMAQ + $5,295,476 STP). RSA conducted. CMAQ analyis to be completed
2020	607397	CAPE COD	WELLFLEET	WELLFLEET- INTERSECTION IMPROVEMENTS & RELATED WORK AT ROUTE 6 & MAIN STREET	5	STP	$1,539,567	$1,231,654	$307,913	Total programmed with 12% inflation applied = $2,240,448 = $242,367 TAP + $458,514 HSIP + $1,539,5678 STP. RSA conducted. Preliminary design. Municipality is proponent. Score = 82.
2020	607903	CENTRAL MASSACHUSETTS	GRAFTON	GRAFTON - RECLAMATION ON ROUTE 122A (MAIN STREET), FROM PROVIDENCE ROAD TO SUTTON T.L.	3	STP	$5,399,347	$4,319,478	$1,079,869	Construction / TEC Score = 2.6 / Design Status= 25% / Total Project Cost = $5,399,347
2020	605377	CENTRAL MASSACHUSETTS	MILLBURY	MILLBURY - RECONSTRUCTION OF MCCRACKEN ROAD AND GREENWOOD STREET, INCLUDES REHAB OF M-22-058, MCCRACKEN ROAD OVER ACCESS ROAD	3	STP	$7,935,618	$6,348,494	$1,587,124	Construction / TEC Score = 5.4 / Design Status = 25% / Total Project Cost = $7,935,618
2020	606125	CENTRAL MASSACHUSETTS	UPTON	UPTON - RECONSTRUCTION OF HARTFORD AVENUE NORTH, HIGH STREET AND HOPKINTON ROAD (PHASE II)	3	STP	$4,274,483	$3,419,586	$854,897	Construction / TEC Score = 4.8 / Design Status = 25% / Total Project Cost = $4,274,483
2020	607538	FRANKLIN	COLRAIN	COLRAIN- INTERSECTION IMPROVEMENTS @ MAIN ROAD, JACKSONVILLE ROAD (ROUTE 112) & GREENFIELD ROAD	1	STP	$1,561,492	$1,249,194	$312,298	Construction Phase. Total cost estimate of $1,388,161 inflated 4% per year to $1,561,492. Design Status = 25%. TEC = 11.3
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	$1,754,788	$1,403,830	$350,958	Construction Phase. Total cost estimate of $1,500,000 inflated 4%/yr to $1,687,296. Design Status - preliminary (pre-25%). TEC = 10.8
2020	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	STP	$575,551	$460,441	$115,110	AC Year 1 of 2; total estimated cost $2,240,448 for 0.65 mile section including statewide CMAQ amount
2020	602418	MERRIMACK VALLEY	AMESBURY	AMESBURY- RECONSTRUCTION OF ELM STREET	4	STP	$6,389,001	$5,111,201	$1,277,800	AC Year 2 of 2. $6,389,001 = Sum of Year 2. Total Project Cost = $9,726,521 cost inflated 8% from 2017 cost of $8,992,715. FY 2019 STP + 2020 STP (Construction) TEC = 5.98 out of 18. (C)

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	608298	MERRIMACK VALLEY	GROVELAND	GROVELAND- GROVELAND COMMUNITY TRAIL, FROM MAIN STREET TO KING STREET	4	STP	$1,182,364	$945,891	$236,473	Total Project Cost = $2,672,677 cost inflated 12% from 2017 cost of $2,376,000. FY 2020 CMAQ + TAP + STP (Construction) TEC = 4.87 out of 18. (C)
2020	601957	MONTACHUSETT	ASHBURNHAM	ASHBURNHAM- RESURFACING & RELATED WORK ON ROUTE 101	3	STP	$5,040,000	$4,032,000	$1,008,000	Total Cost = $5,040,000 Adjusted for YOE by 12%; Non Adjusted Total Cost = $4,500,000 as of 4/13/16; Preliminary design; drainage not included w/new sidewalk; better estimate $4,500,000 (as of 4/10/13); TEC 30 of 100; Prelim Design; Construction;
2020	607902	MONTACHUSETT	AYER	AYER- RECLAMATION & RELATED WORK ON ROUTE 2A, FROM HARVARD ROAD TO MAIN STREET	3	STP	$2,419,200	$1,935,360	$483,840	Total Cost = $2,419,200 Adjusted for YOE by 12%; Non Adjusted Total Cost = $2,160,000 as of 5/23/16; Preliminary Design; PRC Approved 8/1/2014; Construction; TEC 41 of 100;
2020	606420	MONTACHUSETT	FITCHBURG	FITCHBURG- INTERSECTION & SIGNAL IMPROVEMENTS @ ROUTE 2A (LUNENBURG STREET) & JOHN FITCH HIGHWAY	3	STP	$332,813	$266,250	$66,563	HSIP/CMAQ/TAP/STP; Total Cost = $2,016,000 Adjusted for YOE by 12%; Non Adjusted Total Cost = $1,800,000 (as of 4/10/13); Highway Reconstruction/Restoration & Rehab; Prelim Design; TEC 44 of 100; Construction;
2020	NT0001	NANTUCKET	NANTUCKET	INTERSECTION IMPROVEMENTS AT SURFSIDE ROAD AND BARTLETT ROAD	5	STP	$406,576	$325,261	$81,315	AC Yr 2 of 2. Estimated Total Construction Cost = $913,791. Total in FFY 2019 (STP + CMAQ) = $461,571.
2020	608350	NORTHERN MIDDLESEX	DRACUT	DRACUT-IMPROVEMENTS ON NASHUA ROAD	4	STP	$4,921,291	$3,937,033	$984,258	CMAQ + TAP + STP Total Cost at FFY 2020 YOE $6,209,249 ($5,520,000); TEC Score 7.42 out of 18.
2020	607217	OLD COLONY	EASTON	EASTON- CORRIDOR IMPROVEMENTS ON DEPOT STREET (ROUTE 123), FROM NEWELL CIRCLE TO WASHINGTON STREET (ROUTE 138)	5	STP	$6,703,767	$5,363,014	$1,340,753	YOE is $8,182,717; $1,139,886 Section 1A CMAQ + $339,064 Section 1A TAP + $6,703,767 Section 1A STP; 25% Design; Phase is Construction.
2020	607626	PIONEER VALLEY	AGAWAM	AGAWAM- RESURFACING & RELATED WORK ON ROUTE 159, FROM MEADOW STREET TO 150 FT. SOUTH OF SUFFIELD STREET (1.1 MILES)	2	STP	$1,624,731	$1,299,785	$324,946	31.5 TEC 75% (YOE $ 1,624,731) STP, TAP
2020	605032	PIONEER VALLEY	HADLEY	HADLEY- RECONSTRUCTION ON ROUTE 9, FROM EAST STREET TO MAPLE/SOUTH MAPLE ST	2	STP	$5,396,160	$4,316,928	$1,079,232	46 TEC 25% (YOE $5,396,160) STP
2020	607339	SOUTHEASTERN MASSACHUSETTS	ATTLEBORO	ATTLEBORO - INTERSECTION IMPROVEMENTS AT ROUTE 1 (WASHINGTON STREET)/ROUTE 1A (NEWPORT AVENUE) AND ROUTE 123 (HIGHLAND AVENUE)	5	STP	$4,101,257	$3,691,131	$410,126	HSIP ($896,010) / CMAQ ($2,240,026) / STP ($4,101,257) Total Cost = $7,237,293; Construction; EC Score 32 of 87; Status Pre 25% Anticipating Project will be HSIP & CMA

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	606715	SOUTHEASTERN MASSACHUSETTS	LAKEVILLE	LAKEVILLE - RECONSTRUCTION AND RELATED WORK ON RHODE ISLAND ROAD (ROUTE 79), FROM THE TAUNTON CITY LINE TO CLEAR POND ROAD	5	STP	$4,710,930	$3,768,744	$942,186	Total Cost = $4,710,930; Construction; EC Score 20 of 87; Status Pre 25%
2020	607572	SOUTHEASTERN MASSACHUSETTS	TAUNTON	TAUNTON- CORRIDOR IMPROVEMENTS & RELATED WORK ON BROADWAY (ROUTE 138), FROM TAUNTON GREEN (COURT STREET) NORTHERLY TO PURCHASE STREET	5	STP	$5,142,238	$4,113,790	$1,028,448	STP ($5,142,238) / TAP ($697,696) Total Cost = $5,839,934; Construction; EC Score 44 of 87; Status Pre 25%
				NON-CMAQ/HSIP/TAP (OTHER) SUBTOTAL:			$156,958,087	$125,976,596	$30,981,491	

TAP - Transportation Alternatives Program

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	STP+CMAQ+TAP Total Cost = $15,532,405
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	STP+CMAQ+TAP Total Cost = $18,584,373
2020	606453	BOSTON	BOSTON	BOSTON- IMPROVEMENTS ON BOYLSTON STREET, FROM INTERSECTION OF BROOKLINE AVENUE & PARK DRIVE TO IPSWICH STREET	6	TAP	$812,432	$649,946	$162,486	CMAQ+TAP+STP Total Cost = $8,214,319
2020	607397	CAPE COD	WELLFLEET	WELLFLEET- INTERSECTION IMPROVEMENTS & RELATED WORK AT ROUTE 6 & MAIN STREET	5	TAP	$242,367	$193,894	$48,473	Total programmed with 12% inflation applied = $2,240,448 = $242,367 TAP + $458,514 HSIP + $1,539,5678 STP. RSA conducted. Preliminary design. Municipality is proponent. Score = 82.
2020	608298	MERRIMACK VALLEY	GROVELAND	GROVELAND- GROVELAND COMMUNITY TRAIL, FROM MAIN STREET TO KING STREET	4	TAP	$382,924	$306,339	$76,585	Total Project Cost = $2,672,677 cost inflated 12% from 2017 cost of $2,376,000. FY 2020 CMAQ + TAP + STP (Construction) TEC = 4.87 out of 18. (C)
2020	606420	MONTACHUSETT	FITCHBURG	FITCHBURG- INTERSECTION & SIGNAL IMPROVEMENTS @ ROUTE 2A (LUNENBURG STREET) & JOHN FITCH HIGHWAY	3	TAP	$122,343	$97,874	$24,469	HSIP/CMAQ/TAP/STP; Total Cost = $2,016,000 Adjusted for YOE by 12%; Non Adjusted Total Cost = $1,800,000 (as of 4/10/13); Highway Reconstruction/Restoration & Rehab; Prelim Design; TEC 44 of 100; Construction;
2020	608350	NORTHERN MIDDLESEX	DRACUT	DRACUT-IMPROVEMENTS ON NASHUA ROAD	4	TAP	$310,556	$248,445	$62,111	CMAQ + TAP + STP Total Cost at FFY 2020 YOE $6,209,249; TEC Score 7.42 out of 18.
2020	607217	OLD COLONY	EASTON	EASTON- CORRIDOR IMPROVEMENTS ON DEPOT STREET (ROUTE 123), FROM NEWELL CIRCLE TO WASHINGTON STREET (ROUTE 138)	5	TAP	$339,064	$271,251	$67,813	

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	607572	SOUTHEASTERN MASSACHUSETTS	TAUNTON	TAUNTON- CORRIDOR IMPROVEMENTS & RELATED WORK ON BROADWAY (ROUTE 138), FROM TAUNTON GREEN (COURT STREET) NORTHERLY TO PURCHASE STREET	5	TAP	$697,696	$558,157	$139,539	STP ($5,142,238) / TAP ($697,696) Total Cost = $5,839,934; Construction; EC Score 44 of 87; Status Pre 25%
				TAP - TRANSPORTATION ALTERNATIVES PROGRAM SUBTOTAL:			$6,872,300	$5,497,841	$1,374,459	
				SECTION 1A / FEDERAL AID TARGET PROJECTS TOTAL:			$195,570,869	$157,412,456	$38,158,414	

SECTION 1B / FEDERAL AID BRIDGE PROJECTS

Off-System

2020	608645	BERKSHIRE	NEW MARLBOROUGH	NEW MARLBOROUGH - BRIDGE REPLACEMENT, N-08-006, CAMPBELL FALL ROAD OVER WHITING RIVER	1	STP-BR-OFF	$3,286,528	$2,629,222	$657,306	
2020	608642	BERKSHIRE	NEW MARLBOROUGH	NEW MARLBOROUGH - BRIDGE 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	$2,032,800	$1,626,240	$406,560	Construction / Design Status = TBD / Total Project Cost = $2,032,800
2020	608638	CENTRAL MASSACHUSETTS	DOUGLAS	DOUGLAS - BRIDGE REPLACEMENT, D-09-004, MANCHAUG STREET OVER MUMFORD RIVER	3	STP-BR-OFF	$4,707,584	$3,766,067	$941,517	Construction / Design Status = TBD / Total Project Cost = $4,707,584
2020	608640	CENTRAL MASSACHUSETTS	SUTTON	SUTTON - BRIDGE REPLACEMENT, S-33-004, DEPOT STREET OVER BLACKSTONE RIVER	3	STP-BR-OFF	$3,763,200	$3,010,560	$752,640	Construction / Design Status = TBD / Total Project Cost = $3,763,200
2020	608644	FRANKLIN	CHARLEMONT	CHARLEMONT - BRIDGE REPLACEMENT, C-05-008, TOWER ROAD OVER CHICKLEY RIVER	1	STP-BR-OFF	$3,015,040	$2,412,032	$603,008	Construction phase. Design status = preliminary
2020	608643	FRANKLIN	CHARLEMONT	CHARLEMONT - BRIDGE REPLACEMENT, C-05-037, WEST OXBOW ROAD OVER WILDER BROOK	1	STP-BR-OFF	$3,030,720	$2,424,576	$606,144	Construction phase. Design status = preliminary
2020	608632	FRANKLIN	LEVERETT	LEVERETT - BRIDGE REPLACEMENT, L-09-009, OLD COKE KILN ROAD OVER SAWMILL RIVER	2	STP-BR-OFF	$2,526,720	$2,021,376	$505,344	Construction phase. Design status = preliminary
2020	608639	MONTACHUSETT	WESTMINSTER	WESTMINSTER - BRIDGE REPLACEMENT, W-28-010, WHITMANVILLE ROAD OVER WHITMAN RIVER		STP-BR-OFF	$2,791,264	$2,233,011	$558,253	
2020	608631	PIONEER VALLEY	WESTHAMPTON	WESTHAMPTON - BRIDGE REPLACEMENT, W-27-005, KINGS HIGHWAY OVER N BRANCH MANAHN RIVER	1	STP-BR-OFF	$3,071,040	$2,456,832	$614,208	
					OFF-SYSTEM SUBTOTAL:		$35,413,392	$28,330,713	$7,082,679	

On System

2020	608009	BOSTON	BOXBOROUGH	BOXBOROUGH- BRIDGE REPLACEMENT, B-18-002, ROUTE 111 OVER I-495	3	NHPP	$8,000,000	$6,400,000	$1,600,000	AC YR 1 of 2. Total Cost = 14,295,000
2020	605342	BOSTON	STOW	STOW- BRIDGE REPLACEMENT, S-29-001, (ST 62) GLEASONDALE ROAD OVER THE ASSABET RIVER	3	NHPP	$6,706,560	$5,365,248	$1,341,312	

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	608613	BOSTON	STONEHAM	STONEHAM - BRIDGE REPLACEMENT, S-27-008, MARBLE STREET OVER I-93	4	NHPP	$15,523,120	$12,418,496	$3,104,624	
2020	608097	BOSTON	WOBURN	WOBURN- BRIDGE REPLACEMENT & RELATED WORK, W-43-028, WASHINGTON STREET OVER I-95	4	NHPP	$14,000,000	$11,200,000	$2,800,000	
2020	608614	BOSTON	BOSTON	BOSTON - SUPERSTRUCTURE REPLACEMENT, B-16-179, AUSTIN STREET OVER I-93 RAMPS, MBTA COMMUTER RAIL AND ORANGE LINE	6	NHPP	$19,673,600	$15,738,880	$3,934,720	
2020	604173	BOSTON	BOSTON	BOSTON- BRIDGE REHABILITATION, B-16-016, NORTH WASHINGTON STREET OVER THE BOSTON INNER HARBOR	6	NHPP	$24,900,000	$19,920,000	$4,980,000	AC YR 4 of 5, YOE $112,400,000
2020	604189	FRANKLIN	BERNARDSTON	BERNARDSTON- BRIDGE REPLACEMENT, B-10-004, U.S. ROUTE 5 (BRATTLEBORO ROAD) OVER SHATTUCK BROOK	2	NHPP	$3,352,400	$2,681,920	$670,480	Construction phase. Design status = preliminary
2020	606309	FRANKLIN	ORANGE	ORANGE- BRIDGE REPLACEMENT, O-03-021, ROUTE 2 OVER ROUTE 202	2	NHPP	$6,000,000	$4,800,000	$1,200,000	Construction phase. AC YR 1 of 2. Total Cost = $15,680,000. Design status = 25%
2020	608189	MONTACHUSETT	FITCHBURG	FITCHBURG - BRIDGE REPLACEMENT, F-04-018, ROUTE 12 (WATER STREET) OVER NORTH NASHUA RIVER	3	NHPP	$4,793,936	$3,835,149	$958,787	
2020	608460	PIONEER VALLEY	HADLEY	HADLEY - BRIDGE REPLACEMENT, H01005, ROUTE 47 (BAY ROAD) OVER FORT RIVER	2	NHPP	$4,853,092	$3,882,474	$970,618	
2020	400103	PIONEER VALLEY	WESTFIELD	WESTFIELD- BRIDGE REPLACEMENT, W-25-006, ROUTE 10/202 (SOUTHWICK ROAD) OVER THE LITTLE RIVER	2	NHPP	$14,260,460	$11,408,368	$2,852,092	25% Design
					ON SYSTEM SUBTOTAL:		$122,063,168	$97,650,535	$24,412,633	

Statewide Bridge Inspection Program

2020	BR20	STATEWIDE	MULTIPLE	BRIDGE INSPECTION		NHPP	$6,250,000	$5,000,000	$1,250,000	
					STATEWIDE BRIDGE INSPECTION PROGRAM SUBTOTAL:		$6,250,000	$5,000,000	$1,250,000	

Statewide Systematic Maintenance Program

2020	608648	BERKSHIRE	WILLIAMSTOWN	WILLIAMSTOWN - DECK PRESERVATION, BRIDGE NO. W-37-015, ROTUE 2 OVER THE GREEN RIVER	1	NHPP	$444,000	$355,200	$88,800	
2020	608596	BOSTON	ESSEX	ESSEX- BRIDGE PRESERVATION, E-11-001, ROUTE 133\MAIN STREET OVER ESSEX RIVER	4	NHPP	$2,688,000	$2,150,400	$537,600	
2020	608609	BOSTON	MULTIPLE	NEWTON - WESTWOOD, BRIDGE NO. N-12-0056 AND W-31-006: CLEA AND PAIT STRUCTURAL STEEL	6	NHPP	$2,400,000	$1,920,000	$480,000	
2020	608589	CENTRAL MASSACHUSETTS	WORCESTER	WORCESTER - BRIDGE NO. W-44-082 (BIN 1TR AND 1TT): CLEAN AND PAINT STRUCTURE STEEL	3	NHPP	$1,333,000	$1,066,400	$266,600	Construction / Design Status = TBD / Total Project Cost = $1,333,000
2020	608550	STATEWIDE	MULTIPLE	DISTRICT SYSTEMATIC MAINTENANCE	2	NHPP	$1,600,000	$1,280,000	$320,000	

2020

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2020	608592	STATEWIDE	MULTIPLE	BRIDGE PAINTING ALONG I-95 CORRIDOR	5	NHPP	$1,334,000	$1,067,200	$266,800	
				STATEWIDE SYSTEMATIC MAINTENANCE PROGRAM SUBTOTAL:			$9,799,000	$7,839,200	$1,959,800	
				SECTION 1B / FEDERAL AID BRIDGE PROJECTS TOTAL:			$173,525,560	$138,820,448	$34,705,112	

SECTION 1C / FEDERAL AID NON TARGET PROJECTS

Other Federal Aid

2020	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; HPP + Statewide CMAQ; Total project cost = 5,589,402; SAFETEA-LU, HPP 2850 - MA Berkshire County Bike Paths, Design & Construction - $5,007,375 (earmark Total)
				OTHER FEDERAL AID SUBTOTAL:			$640,000	$512,000	$128,000	
				SECTION 1C / FEDERAL AID NON-TARGET PROJECTS TOTAL:			$640,000	$512,000	$128,000	

SECTION 1D / FEDERAL AID MAJOR & STATE CATEGORY PROJECTS

Other Statewide Items

2020	EWO	STATEWIDE		AWARD ADJUSTMENTS, CHANGE ORDERS, PROJECT VALUE CHANGES, ETC.		NHPP	$36,158,116	$28,926,493	$7,231,623	
2020	MSC20	STATEWIDE		DBES, MISC PROGRAMS		STP	$1,000,000	$800,000	$200,000	
2020	MSC	STATEWIDE		STATEWIDE DESIGN AND RIGHT OF WAY		STP	$6,021,072	$4,816,858	$1,204,214	
2020	ABPGAN	STATEWIDE	MULTIPLE	ABP GANS DEBT SERVICE		NHPP	$77,601,600	$77,601,600	$0	AC Year 6 of 12. Accelerated Bridge Program (ABP) GANs payments begin in FFY 2015.
2020	SRT20	STATEWIDE	MULTIPLE	STATEWIDE RECREATIONAL TRAILS		REC	$1,483,411	$1,186,729	$296,682	
2020	ABPGAN	STATEWIDE	MULTIPLE	ABP GANS DEBT SERVICE		STP-BR-OFF	$350,000	$350,000	$0	AC Year 6 of 12. Accelerated Bridge Program (ABP) GANs payments begin in FFY 2015.
				OTHER STATEWIDE ITEMS SUBTOTAL:			$122,614,199	$113,681,680	$8,932,519	

2020

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
Statewide Congestion Mitigation and Air Quality										
2020	606890	BERKSHIRE	MULTIPLE	ADAMS- NORTH ADAMS- ASHUWILLTICOOK RAIL TRAIL EXTENSION TO ROUTE 8A (HODGES CROSS ROAD)	1	CMAQ	$4,949,402	$3,959,522	$989,880	Construction; HPP + Statewide CMAQ; Total project cost = 5,589,402; SAFETEA-LU, HPP 2850 - MA Berkshire County Bike Paths, Design & Construction - $5,007,375 (earmark Total)
2020	607329	BOSTON	MULTIPLE	WAKEFIELD- LYNNFIELD- RAIL TRAIL EXTENSION, FROM THE GALVIN MIDDLE SCHOOL TO LYNNFIELD/PEABODY T.L.	4	CMAQ	$7,084,000	$5,667,200	$1,416,800	
2020	607542	MERRIMACK VALLEY	MULTIPLE	GEORGETOWN- NEWBURY- BORDER TO BOSTON TRAIL (NORTHERN GEORGETOWN SECTION)	4	CMAQ	$4,341,120	$3,472,896	$868,224	Total Project Cost = $4,341,120 cost inflated 12% from 2017 cost. (Construction) TEC = 5.22 out of 18. (C)
2020	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	
2020	606450	PIONEER VALLEY	HOLYOKE	HOLYOKE- TRAFFIC SIGNAL UPGRADES AT 15 INTERSECTIONS ALONG HIGH & MAPLE STREETS	2	CMAQ	$4,234,543	$3,387,634	$846,909	
2020	607979	SOUTHEASTERN MASSACHUSETTS	MARION	MARION- SHARED USE PATH CONSTRUCTION (PHASE 1), FROM THE MARION-MATTAPOISETT T.L. TO POINT ROAD	5	CMAQ	$3,360,000	$2,688,000	$672,000	
2020	607822	SOUTHEASTERN MASSACHUSETTS	NORTON	NORTON- MANSFIELD- RAIL TRAIL EXTENSION (WORLD WAR II VETERANS TRAIL)	5	CMAQ	$3,584,448	$2,867,558	$716,890	
2020	608652	STATEWIDE	MULTIPLE	STATEWIDE CMAQ- ADAPTIVE SIGNAL CONTROLS AT VARIOUS INTERSECTIONS (2019)		CMAQ	$560,000	$448,000	$112,000	
2020	MRIDES	STATEWIDE	MULTIPLE	MASSRIDES - TRAVEL OPTIONS PROGRAM		CMAQ	$2,696,283	$2,157,026	$539,257	AC Yr 2 of 5. Total contract = $16.6M. Includes Safe Routes to Schools.
				STATEWIDE CONGESTION MITIGATION AND AIR QUALITY SUBTOTAL:			$33,083,707	$26,466,965	$6,616,742	
Statewide HSIP Program										
2020	608573	CENTRAL MASSACHUSETTS	MULTIPLE	UXBRIDGE TO WORCESTER - GUIDE & TRAFFIC SIGN REPLACEMENT ON A SECTION OF ROUTE 146	3	HSIP	$1,258,320	$1,132,488	$125,832	Construction / Design Status = TBD / Total Project Cost = $1,258,320
2020	608575	PIONEER VALLEY	MULTIPLE	CHICOPEE TO HOLYOKE - GUIDE AND TRAFFIC SIGN REPLACEMENT ON I-391	2	HSIP	$562,979	$506,681	$56,298	
2020	608572	SOUTHEASTERN MASSACHUSETTS	MULTIPLE	DARTMOUTH TO RAYNHAM - GUIDE AND TRAFFIC SIGN REPLACEMENT ON SECTIONS OF I-195 AND I-495	5	HSIP	$8,440,768	$7,596,691	$844,077	
2020	608583	STATEWIDE	MULTIPLE	STATEWIDE- VARIOUS SAFETY STRATEGIES TO ADDRESS SHSP -TO BE DETERMINED (2020)		HSIP	$5,697,933	$5,128,140	$569,793	
2020	608560	STATEWIDE	MULTIPLE	DISTRICT 2- TOP 200 CRASH LOCATION SAFETY IMPROVEMENTS	2	HSIP	$2,688,000	$2,419,200	$268,800	

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	608561	STATEWIDE	MULTIPLE	DISTRICT 3- TOP 200 CRASH LOCATION SAFETY IMPROVEMENTS	3	HSIP	$2,688,000	$2,419,200	$268,800	
2020	608562	STATEWIDE	MULTIPLE	DISTRICT 4- TOP 200 CRASH LOCATION SAFETY IMPROVEMENTS	4	HSIP	$2,688,000	$2,419,200	$268,800	
2020	608563	STATEWIDE	MULTIPLE	DISTRICT 5- TOP 200 CRASH LOCATION SAFETY IMPROVEMENTS	5	HSIP	$2,688,000	$2,419,200	$268,800	
2020	608564	STATEWIDE	MULTIPLE	DISTRICT 6- TOP 200 CRASH LOCATION SAFETY IMPROVEMENTS	6	HSIP	$2,688,000	$2,419,200	$268,800	
				STATEWIDE HSIP PROGRAM SUBTOTAL:			$29,400,000	$26,460,000	$2,940,000	

Statewide Infrastructure Program

2020	607977	BOSTON	MULTIPLE	HOPKINTON- WESTBOROUGH- RECONSTRUCTION OF I-90/I-495 INTERCHANGE	3	NHPP	$1,000,000	$800,000	$200,000	AC YEAR 1 OF 5. $269M total cost. $161.4M TFPC, 107.6M NFA.
2020	608608	BOSTON	BRAINTREE	BRAINTREE - HIGHWAY LIGHTING IMPROVEMENTS AT I-93/ ROUTE 3 INTERCHANGE	6	STP	$2,197,229	$1,757,783	$439,446	AC Year 2 of 2. Total Cost = $9,697,229.16.
2020	608611	BOSTON	MULTIPLE	CANTON-MILTON-RANDOLPH, REPLACEMENT AND REHABILITATION OF THE HIGHWAY LIGHTING SYSTEM AT THE ROUTE 24/ROUTE1/I-93 INTERCHANGE.	6	STP	$9,591,791	$7,757,783	$1,834,008	
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	$1,000,000	$800,000	$200,000	AC Year 1 of 5 / Design Status = Pre25% / In FY 20 SW Infracture + NFA Total Project Cost = $11,000,000 / Overall cost of Project is $57,000,000
2020	608049	SOUTHEASTERN MASSACHUSETTS	FALL RIVER	FALL RIVER- CORRIDOR IMPROVEMENTS ON ROUTE 79/DAVOL STREET	3	NHPP	$1,000,000	$800,000	$200,000	AC YEAR 1 OF 5. $74M total cost.
				STATEWIDE INFRASTRUCTURE PROGRAM SUBTOTAL:			$14,789,020	$11,915,566	$2,873,454	

Statewide Intelligent Transportation System

2020	608360	STATEWIDE	MULTIPLE	STATEWIDE INTELLIGENT TRANSPORTATION SYSTEMS, YEAR 2020		CMAQ	$12,500,000	$10,000,000	$2,500,000	
				STATEWIDE INTELLIGENT TRANSPORTATION SYSTEM SUBTOTAL:			$12,500,000	$10,000,000	$2,500,000	

Statewide Interstate Maintenance Program

2020	608208	BOSTON	MULTIPLE	QUINCY- MILTON- BOSTON- INTERSTATE MAINTENANCE & RELATED WORK ON I-93	6	NHPP	$20,123,712	$18,111,341	$2,012,371	IM + Stormwater = $20,625,472
2020	608209	STATEWIDE	MULTIPLE	LITTLETON- WESTFORD- INTERSTATE MAINTENANCE AND RELATED WORK ON I-495	3	NHPP	$15,255,072	$13,729,565	$1,525,507	IM + Stormwater = $16,151,072
				STATEWIDE INTERSTATE MAINTENANCE PROGRAM SUBTOTAL:			$35,378,784	$31,840,906	$3,537,878	

2020

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
Statewide National Highway System Preservation Program										
2020	608478	BOSTON	CONCORD	CONCORD- RESURFACING AND RELATED WORK ON ROUTE 2	4	NHPP	$5,241,600	$4,193,280	$1,048,320	
2020	608480	BOSTON	FOXBOROUGH	FOXBOROUGH- WALPOLE- RESURFACING AND RELATED WORK ON ROUTE 1	5	NHPP	$8,578,080	$6,862,464	$1,715,616	
2020	608482	BOSTON	MULTIPLE	CAMBRIDGE- SOMERVILLE- RESURFACING AND RELATED WORK ON ROUTE 28	6	NHPP	$7,843,920	$6,275,136	$1,568,784	
2020	608483	BOSTON	WEYMOUTH	WEYMOUTH- RESURFACING AND RELATED WORK ON ROUTE 3A	6	NHPP	$2,576,000	$2,060,800	$515,200	
2020	608474	FRANKLIN	MONTAGUE	MONTAGUE- RESURFACING AND RELATED WORK ON ROUTE 63	2	NHPP	$7,357,056	$5,885,645	$1,471,411	Construction phase. Design status = preliminary
2020	608473	PIONEER VALLEY	SOUTH HADLEY	SOUTH HADLEY- RESURFACING AND RELATED WORK ON ROUTE 116	2	NHPP	$2,619,187	$2,095,350	$523,837	
2020	608479	SOUTHEASTERN MASSACHUSETTS	MULTIPLE	ATTLEBORO- NORTH ATTLEBORO- RESURFACING AND RELATED WORK ON ROUTE 1	5	NHPP	$5,077,952	$4,062,362	$1,015,590	AC YEAR 1 OF 2. Total Cost = $16,877,000.
2020	608481	SOUTHEASTERN MASSACHUSETTS	SEEKONK	SEEKONK- RESURFACING AND RELATED WORK ON ROUTE 44	5	NHPP	$4,327,680	$3,462,144	$865,536	
2020	608475	STATEWIDE	LANCASTER	LANCASTER- HARVARD- LITTLETON- RESURFACING AND RELATED WORK ON ROUTE 2	3	NHPP	$19,191,200	$15,352,960	$3,838,240	
2020	608477	STATEWIDE	MULTIPLE	IPSWICH- ROWLEY- RESURFACING AND RELATED WORK ON ROUTE 1	4	NHPP	$11,107,712	$8,886,170	$2,221,542	
				STATEWIDE NATIONAL HIGHWAY SYSTEM PRESERVATION PROGRAM SUBTOTAL:			$73,920,387	$59,136,311	$14,784,076	
Statewide Planning Program										
2020	UPWP21	STATEWIDE	MULTIPLE	METROPOLITAN PLANNING FOR THE UNIFIED PLANNING WORK PROGRAM		PL	$9,825,026	$7,860,021	$1,965,005	
2020	SPR220	STATEWIDE	MULTIPLE	STATEWIDE PLANNING AND RESEARCH WORK PROGRAM II (SPR II), RESEARCH		RD	$4,500,000	$3,600,000	$900,000	
2020	UPWP21	STATEWIDE	MULTIPLE	METROPOLITAN PLANNING FOR THE UNIFIED PLANNING WORK PROGRAM		SPR	$1,012,803	$810,242	$202,561	
2020	SPR120	STATEWIDE	MULTIPLE	STATEWIDE PLANNING AND RESEARCH WORK PROGRAM I (SPR I), PLANNING		SPR	$13,983,771	$11,187,017	$2,796,754	
				STATEWIDE PLANNING PROGRAM SUBTOTAL:			$29,321,600	$23,457,280	$5,864,320	
Statewide Railroad Grade Crossings										
2020	RRC	STATEWIDE	MULTIPLE	STATEWIDE RAILROAD CROSSING HAZARD ELIMINATION CONTRACTS		RRHE	$1,250,000	$1,000,000	$250,000	
2020	RRC	STATEWIDE	MULTIPLE	STATEWIDE RAILROAD CROSSING PROTECTIVE DEVICES CONTRACTS		RRPD	$1,250,000	$1,000,000	$250,000	
				STATEWIDE RAILROAD GRADE CROSSINGS SUBTOTAL:			$2,500,000	$2,000,000	$500,000	

2020

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
Statewide Safe Routes to Schools Program										
2020	608629	STATEWIDE	MULTIPLE	SAFE ROUTES TO SCHOOLS - PROJECTS (2020)		TAP	$6,250,000	$5,000,000	$1,250,000	
				STATEWIDE SAFE ROUTES TO SCHOOLS PROGRAM SUBTOTAL:			$6,250,000	$5,000,000	$1,250,000	
Statewide Stormwater Retrofits										
2020	608208	BOSTON	MULTIPLE	QUINCY- MILTON- BOSTON- INTERSTATE MAINTENANCE & RELATED WORK ON I-93	6	STP-TE	$501,760	$401,408	$100,352	IM + Stormwater = $20,625,472
2020	608598	CAPE COD	ORLEANS	ORLEANS - STORMWATER IMPROVEMENTS ALONG ROUTE 28	5	STP-TE	$407,350	$325,880	$81,470	This project is in the preliminary design phase. Score = 36.
2020	608057	CENTRAL MASSACHUSETTS	WORCESTER	WORCESTER - STORMWATER IMPROVEMENTS ALONG I-290 AND 122A	3	STP-TE	$3,297,056	$2,637,645	$659,411	Construction / Design Status = TBD / Total Project Cost = $3,297,056
2020	608209	STATEWIDE	MULTIPLE	LITTLETON- WESTFORD- INTERSTATE MAINTENANCE AND RELATED WORK ON I-495	3	STP-TE	$896,000	$716,800	$179,200	IM + Stormwater = $16,151,072
				STATEWIDE STORMWATER RETROFITS SUBTOTAL:			$5,102,166	$4,081,733	$1,020,433	
				SECTION 1D / FEDERAL AID MAJOR & STATE CATEGORY PROJECTS TOTAL:			$364,859,863	$314,040,441	$50,819,422	
SECTION 2A / NON-FEDERAL PROJECTS										
Non Federal Aid										
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	NFA	$10,000,000	$0	$10,000,000	AC Year 1 of 5 / Design Status = Pre25% / In FY 20 SW Infracture + NFA Total Project Cost = $11,000,000 / Overall cost of Project is $57,000,000
				NON FEDERAL AID SUBTOTAL:			$10,000,000	$0	$10,000,000	
				SECTION 2A / NON-FEDERAL PROJECTS TOTAL:			$10,000,000	$0	$10,000,000	
TOTAL	**YEAR 2020**						**$744,596,292**	**$610,785,345**	**$133,810,948**	

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 / FEDERAL AID TARGET PROJECTS										
CMAQ - Congestion Mitigation and Air Quality Improvement Program										
2021	608347	BOSTON	BEVERLY	BEVERLY- INTERSECTION IMPROVEMENTS @ 3 LOCATIONS: CABOT STREET (ROUTE 1A/97) @ DODGE STREET (ROUTE 1A), COUNTY WAY, LONGMEADOW ROAD & SCOTT STREET, MCKAY STREET @ BALCH STREET & VETERANS MEMORIAL BRIDGE (ROUTE 1A) AT RANTOUL, CABOT, WATER & FRONT STREETS	4	CMAQ	$1,169,847	$935,878	$233,969	HSIP+CMAQ Total Cost = $3,509,576
2021	605857	BOSTON	NORWOOD	NORWOOD- INTERSECTION IMPROVEMENTS @ ROUTE 1 & UNIVERSITY AVENUE/EVERETT STREET	5	CMAQ	$3,000,000	$2,400,000	$600,000	HSIP+CMAQ+STP Total Cost = $6,317,236
2021	BN0001	BOSTON	MULTIPLE	Community Transportation Program	NA	CMAQ	$1,750,000	$1,400,000	$350,000	
2021	1570	BOSTON	MULTIPLE	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	NA	CMAQ	$10,000,000	$8,000,000	$2,000,000	funding flexed to FTA; match provided by local contributions; STP+CMAQ+Section 5309 (Transit)
2021	CC2000	CAPE COD		Cape Cod Bicycle Rack Program	5	CMAQ	$100,000	$80,000	$20,000	Total programmed = $100,000. CMAQ analysis complete. Funds to be applied for by municipalities. Score = 52.
2021	607319	CAPE COD	MASHPEE	MASHPEE- CORRIDOR IMPROVEMENTS & RELATED WORK ON NATHAN ELLIS HIGHWAY (ROUTE 151), FROM MASHPEE ROTARY TO FALMOUTH T.L.	5	CMAQ	$1,046,285	$837,028	$209,257	ADVANCED CONSTRUCTION: Year 2 of 2. Total programmed with 12% inflation applied = $9,240,112 = $2,120,112 in FFY2020 STP + $7,120,000 in FFY2021 ($319,725 TAP + $458,514 HSIP + $1,046,285 CMAQ + $5,295,476 STP). RSA conducted. CMAQ analyis to be completed
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	$1,000,000	$800,000	$200,000	AC Year 2 of 5 / Design Status = Pre25% / In FY 21 CMAQ + HSIP + STP + SW Infracture + NFA Total Project Cost = $31,786,727 / Overall cost of Project is $57,000,000
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	$77,492	$61,994	$15,498	AC Year 2 of 2; total estimated cost $2,240,448 for 0.65 mile section including statewide CMAQ amount
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	AC Year 1 of 3. $9,775,158 = Sum of Year 1. Total Project Cost = $ 18,188,961 inflated 16% from 2017 cost of $15,548,000. FFY 2021 STP + HSIP + CMAQ + TAP + FFY 2022 + FFY 2023 (Construction) TEC = 11.17 out of 18. (C)

2021										
YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2021	604499	MONTACHUSETT	LEOMINSTER	LEOMINSTER- RECONSTRUCTION/REHABILITATION ON ROUTE 12 (CENTRAL STREET), INCLUDING REHABILITATION OF L-08-022	3	CMAQ	$1,114,889	$891,911	$222,978	STP/HSIP/TAP/CMAQ Possible; Total Cost = $9,686,174 Adjusted for YOE by 16%; Non Adjusted Total Cost = $8,350,150 as of 4/13/16; Preliminary Design; Construction; If Widening Involved Likely CMAQ; HSIP within Limits; TEC 37 of 100.
2021	608344	NORTHERN MIDDLESEX	CHELMSFORD	CHELMSFORD- INTERSECTION IMPROVEMENTS AT ROUTE 129 AND RIVERNECK RD	4	CMAQ	$977,402	$781,922	$195,480	HSIP + CMAQ + STP Total Cost at FFY 2021 YOE $3,565,729 ($3,048,000); TEC Score 6.65 out of 18.
2021	606143	OLD COLONY	BROCKTON	BROCKTON- INTERSECTION IMPROVEMENTS @ CRESCENT STREET (ROUTE 27)/QUINCY STREET/MASSASOIT BOULEVARD	5	CMAQ	$1,139,886	$911,909	$227,977	YOE is $4,423,938; $455,954 Section 1A HSIP + $1,139,886 Section 1A CMAQ + $2,828,098 Section 1A STP; 25% Design; Phase is Construction.
2021	607893	PIONEER VALLEY	NORTHAMPTON	NORTHAMPTON- INTERSECTION IMPROVEMENTS @ ELM STREET, MAIN STREET, WEST STREET, STATE STREET & NEW SOUTH STREET	2	CMAQ	$2,320,000	$1,856,000	$464,000	68 TEC Pre 25% CMAQ (YOE $2,320,000)
2021	606024	SOUTHEASTERN MASSACHUSETTS	TAUNTON	TAUNTON- RECONSTRUCTION OF ROUTE 44 (DEAN STREET), FROM ARLINGTON STREET TO ROUTE 104 (SOUTH MAIN STREET)	5	CMAQ	$2,240,026	$1,792,021	$448,005	HSIP ($896,010) / CMAQ ($2,240,026) / TAP ($697,696) STP ($2,006,202) Total Cost = $5,839,934; Construction; EC Score 46 of 87; Status Pre 25%
				CMAQ - CONGESTION MITIGATION AND AIR QUALITY IMPROVEMENT PROGRAM		**SUBTOTAL:**	$27,043,216	$21,634,574	$5,408,642	

HSIP - Highway Safety Improvement Program

2021	608228	BOSTON	FRAMINGHAM	FRAMINGHAM- RECONSTRUCTION OF UNION AVENUE, FROM PROCTOR STREET TO MAIN STREET	3	HSIP	$1,509,587	$1,358,628	$150,959	STP+HSIP+TAP Total Cost = $10,063,912
2021	608347	BOSTON	BEVERLY	BEVERLY- INTERSECTION IMPROVEMENTS @ 3 LOCATIONS: CABOT STREET (ROUTE 1A/97) @ DODGE STREET (ROUTE 1A), COUNTY WAY, LONGMEADOW ROAD & SCOTT STREET, MCKAY STREET @ BALCH STREET & VETERANS MEMORIAL BRIDGE (ROUTE 1A) AT RANTOUL, CABOT, WATER & FRONT STREETS	4	HSIP	$2,339,729	$2,105,756	$233,973	HSIP+CMAQ Total Cost = $3,509,576
2021	605857	BOSTON	NORWOOD	NORWOOD- INTERSECTION IMPROVEMENTS @ ROUTE 1 & UNIVERSITY AVENUE/EVERETT STREET	5	HSIP	$631,724	$568,552	$63,172	HSIP+CMAQ+STP Total Cost = $6,317,236

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	ADVANCED CONSTRUCTION: Year 2 of 2. Total programmed with 12% inflation applied = $9,240,112 = $2,120,112 in FFY2020 STP + $7,120,000 in FFY2021 ($319,725 TAP + $458,514 HSIP + $1,046,285 CMAQ + $5,295,476 STP). RSA conducted. CMAQ analyis to be completed
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	HSIP	$1,000,000	$900,000	$100,000	AC Year 2 of 5 / Design Status = Pre25% / In FY 21 CMAQ + HSIP + STP + SW Infracture + NFA Total Project Cost = $31,786,727 / Overall cost of Project is $57,000,000
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	HSIP	$30,997	$27,897	$3,100	AC Year 2 of 2; total estimated cost $2,240,448 for 0.65 mile section including statewide CMAQ amount
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	AC Year 1 of 3. $9,775,158 = Sum of Year 1. Total Project Cost = $ 18,188,961 inflated 16% from 2017 cost of $15,548,000. FFY 2021 STP + HSIP + CMAQ + TAP + FFY 2022 + FFY 2023 (Construction) TEC = 11.17 out of 18. (C)
2021	604499	MONTACHUSETT	LEOMINSTER	LEOMINSTER- RECONSTRUCTION/REHABILITATION ON ROUTE 12 (CENTRAL STREET), INCLUDING REHABILITATION OF L-08-022	3	HSIP	$445,955	$401,360	$44,596	STP/HSIP/TAP/CMAQ Possible; Total Cost = $9,686,174 Adjusted for YOE by 16%; Non Adjusted Total Cost = $8,350,150 as of 4/13/16; Preliminary Design; Construction; If Widening Involved Likely CMAQ; HSIP within Limits; TEC 37 of 100.
2021	608344	NORTHERN MIDDLESEX	CHELMSFORD	CHELMSFORD- INTERSECTION IMPROVEMENTS AT ROUTE 129 AND RIVERNECK RD	4	HSIP	$390,961	$351,865	$39,096	HSIP + CMAQ + STP Total Cost at FFY 2021 YOE $3,565,729 ($3,048,000); TEC Score 6.65 out of 18.
2021	606143	OLD COLONY	BROCKTON	BROCKTON- INTERSECTION IMPROVEMENTS @ CRESCENT STREET (ROUTE 27)/QUINCY STREET/MASSASOIT BOULEVARD	5	HSIP	$455,954	$410,359	$45,595	YOE is $4,423,938; $455,954 Section 1A HSIP + $1,139,886 Section 1A CMAQ + $2,828,098 Section 1A STP; 25% Design; Phase is Construction.
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	HSIP ($896,010) / CMAQ ($2,240,026) / TAP ($697,696) STP ($2,006,202) Total Cost = $5,839,934; Construction; EC Score 46 of 87; Status Pre 25%
				HSIP - HIGHWAY SAFETY IMPROVEMENT PROGRAM SUBTOTAL:			$8,602,387	$7,742,149	$860,239	

2021

Non-CMAQ/HSIP/TAP (Other)

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2021	606406	BERKSHIRE	HINSDALE	HINSDALE, PERU- RECONSTRUCTION OF SKYLINE TRAIL (MIDDLEFIELD ROAD)	1	STP	$6,380,000	$5,104,000	$1,276,000	STP; Total Cost = 6,380,000; MPO evaluation score 2 of 8; Design Status: <25%; YOE = 16%
2021	608228	BOSTON	FRAMINGHAM	FRAMINGHAM- RECONSTRUCTION OF UNION AVENUE, FROM PROCTOR STREET TO MAIN STREET	3	STP	$7,547,934	$6,038,347	$1,509,587	STP+HSIP+TAP Total Cost = $10,063,912
2021	604996	BOSTON	WOBURN	WOBURN- BRIDGE REPLACEMENT, W-43-017, NEW BOSTON STREET OVER MBTA	4	STP	$17,784,392	$14,227,514	$3,556,878	
2021	606501	BOSTON	HOLBROOK	HOLBROOK- RECONSTRUCTION OF UNION STREET (ROUTE 139), FROM LINFIELD STREET TO CENTRE STREET/WATER STREET	5	STP	$1,074,542	$859,634	$214,908	TAP+STP+Earmark Total Cost = $2,890,880
2021	605857	BOSTON	NORWOOD	NORWOOD- INTERSECTION IMPROVEMENTS @ ROUTE 1 & UNIVERSITY AVENUE/EVERETT STREET	5	STP	$2,685,512	$2,148,410	$537,102	HSIP+CMAQ+STP Total Cost = $6,317,236
2021	606226	BOSTON	BOSTON	BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE	6	STP	$19,649,276	$15,719,421	$3,929,855	Yr 2 of 5; TAP+STP+Earmarks Total Cost = $37,411,459
2021	1570	BOSTON	MULTIPLE	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	NA	STP	$22,000,000	$17,600,000	$4,400,000	funding flexed to FTA; match provided by local contributions; STP+CMAQ+Section 5309 (Transit)
2021	607405	CAPE COD	CHATHAM	CHATHAM- INTERSECTION IMPROVEMENTS & RELATED WORK AT MAIN STREET (ROUTE 28), DEPOT ROAD, QUEEN ANNE ROAD AND CROWELL ROAD	5	STP	$2,784,000	$2,227,200	$556,800	Total programmed with 16% inflation applied = $2,784,0000. Preliminary design. Municipality is proponent. Score = 76.
2021	607319	CAPE COD	MASHPEE	MASHPEE- CORRIDOR IMPROVEMENTS & RELATED WORK ON NATHAN ELLIS HIGHWAY (ROUTE 151), FROM MASHPEE ROTARY TO FALMOUTH T.L.	5	STP	$5,295,476	$4,236,381	$1,059,095	ADVANCED CONSTRUCTION: Year 2 of 2. Total programmed with 12% inflation applied = $9,240,112 = $2,120,112 in FFY2020 STP + $7,120,000 in FFY2021 ($319,725 TAP + $458,514 HSIP + $1,046,285 CMAQ + $5,295,476 STP). RSA conducted. CMAQ analyis to be completed
2021	605035	CENTRAL MASSACHUSETTS	NEW BRAINTREE	NEW BRAINTREE - RECONSTRUCTION & IMPROVEMENTS ON RAVINE ROAD AND HARDWICK ROAD FROM HARDWICK T.L. TO ROUTE 67 (BARRE RD) (2.6 MILES)	2	STP	$2,741,997	$2,193,598	$548,399	Construction / TEC Score = 3.1 / Design Status = 25% / Total Project Cost = $2,741,997
2021	607733	CENTRAL MASSACHUSETTS	AUBURN	AUBURN - REHABILITATION OF AUBURN STREET, FROM WALSH AVENUE TO MILLBURY STREET	3	STP	$2,456,703	$1,965,362	$491,341	Construction / TEC Score = 4.3 / Design Status = Pre 25% / Total Project Cost = $2,456,703
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	$9,386,727	$7,509,382	$1,877,345	AC Year 2 of 5 / Design Status = Pre25% / In FY 21 CMAQ + HSIP + STP + SW Infracture + NFA Total Project Cost = $31,786,727 / Overall cost of Project is $57,000,000

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	606463	FRANKLIN	BUCKLAND	BUCKLAND- RECONSTRUCTION & MINOR WIDENING ON CONWAY STREET, SOUTH STREET & CONWAY ROAD	1	STP	$5,604,718	$4,483,774	$1,120,944	Construction Phase. Total cost estimate of $5,160,000 inflated 4%/yr to $6,036,470. A/C year 1 of 2. Design Status - preliminary (pre-25%). TEC = 9.1
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	STP	$575,551	$460,441	$115,110	AC Year 2 of 2; total estimated cost $2,240,448 for 0.65 mile section including statewide CMAQ amount
2021	608095	MERRIMACK VALLEY	NORTH ANDOVER	NORTH ANDOVER- CORRIDOR IMPROVEMENTS ON ROUTE 114, BETWEEN ROUTE 125 (ANDOVER STREET) & STOP & SHOP DRIVEWAY	4	STP	$7,915,937	$6,332,750	$1,583,187	AC Year 1 of 3. $9,775,158 = Sum of Year 1. Total Project Cost = $ 18,188,961 inflated 16% from 2017 cost of $15,548,000. FFY 2021 STP + HSIP + CMAQ + TAP + FFY 2022 + FFY 2023 (Construction) TEC = 11.17 out of 18. (C)
2021	604499	MONTACHUSETT	LEOMINSTER	LEOMINSTER- RECONSTRUCTION/REHABILITATION ON ROUTE 12 (CENTRAL STREET), INCLUDING REHABILITATION OF L-08-022	3	STP	$7,814,363	$6,251,490	$1,562,873	STP/HSIP/TAP/CMAQ Possible; Total Cost = $9,686,174 Adjusted for YOE by 16%; Non Adjusted Total Cost = $8,350,150 as of 4/13/16; Preliminary Design; Construction; If Widening Involved Likely CMAQ; HSIP within Limits; TEC 37 of 100.
2021	608344	NORTHERN MIDDLESEX	CHELMSFORD	CHELMSFORD- INTERSECTION IMPROVEMENTS AT ROUTE 129 AND RIVERNECK RD	4	STP	$2,197,366	$1,757,893	$439,473	HSIP + CMAQ + STP Total Cost at FFY 2021 YOE $3,565,729 ($3,048,000); TEC Score 6.65 out of 18.
2021	608297	NORTHERN MIDDLESEX	TEWKSBURY	TEWKSBURY- RESURFACING AND SIDEWALK RECONSTRUCTION ON ROUTE 38	4	STP	$4,640,787	$3,712,630	$928,157	TAP + STP Total Cost at FFY 2021 YOE $4,913,406 ($4,200,000); TEC Score 5.00 out of 18.
2021	606143	OLD COLONY	BROCKTON	BROCKTON- INTERSECTION IMPROVEMENTS @ CRESCENT STREET (ROUTE 27)/QUINCY STREET/MASSASOIT BOULEVARD	5	STP	$2,828,098	$2,262,478	$565,620	YOE is $4,423,938; $455,954 Section 1A HSIP + $1,139,886 Section 1A CMAQ + $2,828,098 Section 1A STP; 25% Design; Phase is Construction.
2021	607403	OLD COLONY	STOUGHTON	STOUGHTON- CORRIDOR IMPROVEMENTS ON ROUTE 138 FROM LINCOLN STREET TO CENTRAL STREET, INCLUDING INTERSECTION IMPROVEMENTS ROUTE 138 (WASHINGTON STREET) & CENTRAL STREET	5	STP	$4,445,936	$3,556,749	$889,187	YOE is $4,785,000; $339,064 Section 1A TAP + $4,445,936; Pre-25% Design; Phase is Construction.
2021	604434	PIONEER VALLEY	CHICOPEE	CHICOPEE- RECONSTRUCTION & RELATED WORK ON FULLER ROAD, FROM MEMORIAL DR (RTE 33) TO SHAWINIGAN DR (2.0 MILES)	2	STP	$7,203,600	$5,762,880	$1,440,720	47.6 Pre 25% STP, (YOE $7,203,600)
2021	607430	PIONEER VALLEY	LONGMEADOW	LONGMEADOW- RESURFACING & RELATED WORK ON LONGMEADOW STREET (ROUTE 5), FROM THE CT S.L. TO CONVERSE STREET (2.88 MILES)	2	STP	$3,175,848	$2,540,678	$635,170	34.4 TEC 25/75% STP (YOE $3,175,848)
2021	607502	PIONEER VALLEY	NORTHAMPTON	NORTHAMPTON- INTERSECTION IMPROVEMENTS AT KING STREET, NORTH STREET & SUMMER STREET AND AT KING STREET & FINN STREET	2	STP	$2,818,938	$2,255,150	$563,788	64.5 TEC, Pre 25% STP (YOE $2,818,938)

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	607871	SOUTHEASTERN MASSACHUSETTS	DARTMOUTH	DARTMOUTH - REALIGNMENT OF TUCKER ROAD TO ROUTE 6 AND HATHAWAY ROAD, INCLUDING INTERSECTION SIGNALIZATION	5	STP	$4,373,200	$3,935,880	$437,320	Total Cost = $4,373,200; Construction; EC Score 13 of 87; Status Pre 25%
2021	607440	SOUTHEASTERN MASSACHUSETTS	MATTAPOISETT	MATTAPOISETT- CORRIDOR IMPROVEMENTS AND RELATED WORK ON MAIN STREET, WATER STREET, BEACON STREET AND MARION ROAD	5	STP	$4,562,448	$3,649,958	$912,490	Total Cost = $4,562,448; Construction; EC Score 12 of 87; Status Pre 25%
2021	608267	SOUTHEASTERN MASSACHUSETTS	RAYNHAM	RAYNHAM- RESURFACING AND RELATED WORK ON ROUTE 138	5	STP	$4,866,612	$3,893,290	$973,322	Total Cost = $4,866,612; Construction; EC Score 8 of 87; 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	STP	$2,006,202	$1,604,962	$401,240	HSIP ($896,010) / CMAQ ($2,240,026) / TAP ($697,696) STP ($2,006,202) Total Cost = $5,839,934; Construction; EC Score 46 of 87; Status Pre 25%
				NON-CMAQ/HSIP/TAP (OTHER) SUBTOTAL:			$164,816,163	$132,290,252	$32,525,911	

TAP - Transportation Alternatives Program

2021	608228	BOSTON	FRAMINGHAM	FRAMINGHAM- RECONSTRUCTION OF UNION AVENUE, FROM PROCTOR STREET TO MAIN STREET	3	TAP	$1,006,391	$805,113	$201,278	STP+HSIP+TAP Total Cost = $10,063,912
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	TAP+STP+Earmark Total Cost = $2,890,880
2021	606226	BOSTON	BOSTON	BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE	6	TAP	$2,183,253	$1,746,602	$436,651	Yr 2 of 5; TAP+STP+Earmarks Total Cost = $37,411,459
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	$319,725	$255,780	$63,945	ADVANCED CONSTRUCTION: Year 2 of 2. Total programmed with 12% inflation applied = $9,240,112 = $2,120,112 in FFY2020 STP + $7,120,000 in FFY2021 ($319,725 TAP + $458,514 HSIP + $1,046,285 CMAQ + $5,295,476 STP). RSA conducted. CMAQ analyis to be completed
2021	608095	MERRIMACK VALLEY	NORTH ANDOVER	NORTH ANDOVER- CORRIDOR IMPROVEMENTS ON ROUTE 114, BETWEEN ROUTE 125 (ANDOVER STREET) & STOP & SHOP DRIVEWAY	4	TAP	$308,876	$247,101	$61,775	AC Year 1 of 3. $9,775,158 = Sum of Year 1. Total Project Cost = $ 18,188,961 inflated 16% from 2017 cost of $15,548,000. FFY 2021 STP + HSIP + CMAQ + TAP + FFY 2022 + FFY 2023 (Construction) TEC = 11.17 out of 18. (C)

2021

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
2021	604499	MONTACHUSETT	LEOMINSTER	LEOMINSTER- RECONSTRUCTION/REHABILITATION ON ROUTE 12 (CENTRAL STREET), INCLUDING REHABILITATION OF L-08-022	3	TAP	$310,967	$248,774	$62,193	STP/HSIP/TAP/CMAQ Possible; Total Cost = $9,686,174 Adjusted for YOE by 16%; Non Adjusted Total Cost = $8,350,150 as of 4/13/16; Preliminary Design; Construction; If Widening Involved Likely CMAQ; HSIP within Limits; TEC 37 of 100.
2021	608297	NORTHERN MIDDLESEX	TEWKSBURY	TEWKSBURY- RESURFACING AND SIDEWALK RECONSTRUCTION ON ROUTE 38	4	TAP	$272,619	$218,095	$54,524	TAP + STP Total Cost at FFY 2021 YOE $4,913,406 ($4,200,000); TEC Score 5.00 out of 18.
2021	607403	OLD COLONY	STOUGHTON	STOUGHTON- CORRIDOR IMPROVEMENTS ON ROUTE 138 FROM LINCOLN STREET TO CENTRAL STREET, INCLUDING INTERSECTION IMPROVEMENTS ROUTE 138 (WASHINGTON STREET) & CENTRAL STREET	6	TAP	$339,064	$271,251	$67,813	YOE is $4,785,000; $339,064 Section 1A TAP + $4,445,936; Pre-25% Design; Phase is Construction.
2021	606024	SOUTHEASTERN MASSACHUSETTS	TAUNTON	TAUNTON- RECONSTRUCTION OF ROUTE 44 (DEAN STREET), FROM ARLINGTON STREET TO ROUTE 104 (SOUTH MAIN STREET)	5	TAP	$697,696	$558,157	$139,539	HSIP ($896,010) / CMAQ ($2,240,026) / TAP ($697,696) STP ($2,006,202) Total Cost = $5,839,934; Construction; EC Score 46 of 87; Status Pre 25%
				TAP - TRANSPORTATION ALTERNATIVES PROGRAM SUBTOTAL:			$5,727,679	$4,582,143	$1,145,536	
				SECTION 1A / FEDERAL AID TARGET PROJECTS TOTAL:			$206,189,445	$166,249,118	$39,940,328	

SECTION 1B / FEDERAL AID BRIDGE PROJECTS

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	608647	BERKSHIRE	SAVOY	SAVOY - BRIDGE 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, FLORIDA ROAD OVER ASSABET RIVER	3	STP-BR-OFF	$1,646,620	$1,317,296	$329,324	
2021	608617	CAPE COD	HARWICH	HARWICH - BRIDGE REPLACEMENT, H-10-019, AZALEA DRIVE OVER HERRING RIVER		STP-BR-OFF	$1,043,768	$835,014	$208,754	This project is in the preliminary design phase. Score = 36.
2021	608634	FRANKLIN	DEERFIELD	DEERFIELD - BRIDGE PRESERVATION D-06-001, UPPER ROAD OVER DEERFIELD RIVER		STP-BR-OFF	$7,599,392	$6,079,514	$1,519,878	Construction phase. Design status = 25%
2021	608635	MONTACHUSETT	SHIRLEY	SHIRLEY - BRIDGE REPLACEMENT, S-13-005, LONGLEY ROAD OVER MULPUS BROOK		STP-BR-OFF	$1,764,940	$1,411,952	$352,988	
2021	608615	OLD COLONY	KINGSTON	KINGSTON - BRIDGE REPLACEMENT, K-01-014, SMITHS LANE OVER ROUTE 3 (PILGRIM HIGHWAY)		STP-BR-OFF	$12,788,420	$10,230,736	$2,557,684	

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	608619	SOUTHEASTERN MASSACHUSETTS	FALL RIVER	FALL RIVER - BRIDGE REPLACEMENT, F-02-019, WEAVER STREET OVER MASSACHUSETTS COASTAL RR	5	STP-BR-OFF	$5,350,036	$4,280,029	$1,070,007	
2021	603796	SOUTHEASTERN MASSACHUSETTS	MANSFIELD	MANSFIELD - BRIDGE REPLACEMENT, M-03-003, BALCOM STREET OVER WADING RIVER	5	STP-BR-OFF	$890,880	$712,704	$178,176	
2021	608618	SOUTHEASTERN MASSACHUSETTS	REHOBOTH	REHOBOTH - BRIDGE REPLACEMENT, R-04-004, REED STREET OVER PALMER RIVER	5	STP-BR-OFF	$1,415,200	$1,132,160	$283,040	
2021	608616	SOUTHEASTERN MASSACHUSETTS	TAUNTON	TAUNTON - BRIDGE REPLACEMENT, T-01-024, SCADDING STREET OVER SNAKE RIVER	5	STP-BR-OFF	$1,093,300	$874,640	$218,660	
					OFF-SYSTEM SUBTOTAL:		$35,529,176	$28,423,341	$7,105,835	
On System										
2021	605843	BERKSHIRE	NORTH ADAMS	NORTH ADAMS- BRIDGE REPLACEMENT, N-14-016, ROUTE 2 OVER THE HOOSIC RIVER	1	NHPP	$18,315,704	$14,652,563	$3,663,141	
2021	608009	BOSTON	BOXBOROUGH	BOXBOROUGH- BRIDGE REPLACEMENT, B-18-002, ROUTE 111 OVER I-495	3	NHPP	$6,295,000	$5,036,000	$1,259,000	AC YR 2 of 2. Total Cost = 14,295,000
2021	604173	BOSTON	BOSTON	BOSTON- BRIDGE REHABILITATION, B-16-016, NORTH WASHINGTON STREET OVER THE BOSTON INNER HARBOR	6	NHPP	$13,462,044	$10,769,635	$2,692,409	AC YR 5 of 5, YOE $112,400,000
2021	606548	FRANKLIN	GREENFIELD	GREENFIELD- BRIDGE REPLACEMENT, G-12-052 (0XR) & G-12-053 (0XT), I-91 (NB & SB) OVER BMRR	2	NHPP	$17,082,074	$13,665,659	$3,416,415	Construction phase. Design status = 25%
2021	606309	FRANKLIN	ORANGE	ORANGE- BRIDGE REPLACEMENT, O-03-021, ROUTE 2 OVER ROUTE 202	2	NHPP	$9,680,000	$7,744,000	$1,936,000	Construction phase. AC YR 2 of 2. Total Cost = $15,680,000. Design status = 25%
					ON SYSTEM SUBTOTAL:		$64,834,822	$51,867,857	$12,966,965	
Statewide Bridge Inspection Program										
2021	BRI21	STATEWIDE	MULTIPLE	BRIDGE INSPECTION		NHPP	$6,250,000	$5,000,000	$1,250,000	
					STATEWIDE BRIDGE INSPECTION PROGRAM SUBTOTAL:		$6,250,000	$5,000,000	$1,250,000	
Statewide Systematic Maintenance Program										
2021	608610	BOSTON	NEWTON	NEWTON, BRIDGE NUMBER N-12-055: CLEAN AND PAINT STRUCTURAL STEEL	6	NHPP	$2,308,000	$1,846,400	$461,600	
2021	608649	FRANKLIN	COLRAIN	COLRAIN - DECK PRESERVATION, C-18-010 & C-18-012, ROUTE 112 OVER THE NORTH RIVER	1	NHPP	$427,000	$341,600	$85,400	Construction phase. Design status = 25%
2021	608254	NORTHERN MIDDLESEX	LOWELL	LOWELL-DECK REPLACEMENT - BRIDGE NO. L-15-068 (2HG), LOWELL CONNECTOR SB OVER INDUSTRIAL AVENUE EAST	4	NHPP	$1,710,000	$1,368,000	$342,000	NHPP Funding, Total cost estimate: $1,710,000
2021	608551	STATEWIDE	MULTIPLE	DISTRICT SYSTEMATIC MAINTENANCE	2	NHPP	$1,538,000	$1,230,400	$307,600	

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	608590	STATEWIDE	MULTIPLE	DISTRICT 3: CLEAN AND PAINT STRUCTURAL STEEL BRIDGES ON I-190 AND I-290	3	NHPP	$1,282,000	$1,025,600	$256,400	
2021	608593	STATEWIDE	MULTIPLE	BRIDGE PAINTING ALONG I-95 CORRIDOR	5	NHPP	$1,282,000	$1,025,600	$256,400	
				STATEWIDE SYSTEMATIC MAINTENANCE PROGRAM SUBTOTAL:			$8,547,000	$6,837,600	$1,709,400	
				SECTION 1B / FEDERAL AID BRIDGE PROJECTS TOTAL:			$115,160,998	$92,128,798	$23,032,200	

SECTION 1C / FEDERAL AID NON-TARGET 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	Construction; TAP+STP+Earmark (MA177) Total Cost = $2,890,880
2021	606226	BOSTON	BOSTON	BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE	6	HPP	$126,970	$101,576	$25,394	Construction; (MA183); Yr 2 of 5; TAP+STP+Earmarks Total Cost = $37,411,459
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	Construction; (MA210); Yr 2 of 5; TAP+STP+Earmarks Total Cost = $37,411,459
				OTHER FEDERAL AID SUBTOTAL:			$10,106,180	$8,084,944	$2,021,236	
				SECTION 1C / FEDERAL AID NON-TARGET PROJECTS TOTAL:			$10,106,180	$8,084,944	$2,021,236	

SECTION 1D / FEDERAL AID MAJOR & STATE CATEGORY PROJECTS

Other Statewide Items

2021	EWO	STATEWIDE		AWARD ADJUSTMENTS, CHANGE ORDERS, PROJECT VALUE CHANGES, ETC.		NHPP	$28,600,315	$22,880,252	$5,720,063	
2021	MSC21	STATEWIDE		DBES, MISC PROGRAMS		STP	$1,000,000	$800,000	$200,000	
2021	MSC	STATEWIDE		STATEWIDE DESIGN AND RIGHT OF WAY		STP	$6,236,111	$4,988,888	$1,247,222	
2021	ABPGAN	STATEWIDE	MULTIPLE	ABP GANS DEBT SERVICE		NHPP	$82,238,050	$82,238,050	$0	AC Year 7 of 12. Accelerated Bridge Program (ABP) GANs payments begin in FFY 2015.
2021	SRT21	STATEWIDE	MULTIPLE	STATEWIDE RECREATIONAL TRAILS		REC	$1,483,411	$1,186,729	$296,682	

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	ABPGAN	STATEWIDE	MULTIPLE	ABP GANS DEBT SERVICE		STP-BR-OFF	$350,000	$350,000	$0	AC Year 7 of 12. Accelerated Bridge Program (ABP) GANs payments begin in FFY 2015.
						OTHER STATEWIDE ITEMS SUBTOTAL:	$119,907,887	$112,443,919	$7,463,967	
Statewide Americans with Disability Act Implementation Plan										
2021	608606	STATEWIDE	MULTIPLE	DISTRICT 4- ADA RETROFITS AT VARIOUS LOCATIONS	4	STP-TE	$840,000	$672,000	$168,000	
2021	608605	STATEWIDE	MULTIPLE	DISTRICT 5- ADA RETROFITS AT VARIOUS LOCATIONS	5	STP-TE	$630,000	$504,000	$126,000	
						STATEWIDE AMERICANS WITH DISABILITY ACT IMPLEMENTATION PLAN SUBTOTAL:	$1,470,000	$1,176,000	$294,000	
Statewide Congestion Mitigation and Air Quality										
2021	607901	BOSTON	DEDHAM	DEDHAM- PEDESTRIAN IMPROVEMENTS ALONG ELM STREET & RUSTCRAFT ROAD CORRIDORS	6	CMAQ	$2,581,113	$2,064,891	$516,223	
2021	608422	CAPE COD	SANDWICH	SANDWICH- CONSTRUCTION OF SHARED USE PATH ALONG SERVICE ROAD FROM ROUTE 130 TO CHASE ROAD	5	CMAQ	$5,800,464	$4,640,371	$1,160,093	This project is in the preliminary design phase. Score = 76.
2021	607588	FRANKLIN	NORTHFIELD	NORTHFIELD- CONSTRUCT BIKE/PED BRIDGE TO REPLACE N-22-002, SCHELL BRIDGE OVER THE CONNECTICUT RIVER	2	CMAQ	$18,678,192	$14,942,554	$3,735,638	Construction phase. Design status = preliminary
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	$872,368	$697,894	$174,474	AC Year 2 of 2; total estimated cost $1,675,739 for 0.65 mile section including statewide CMAQ amount
2021	607347	MONTACHUSETT	GARDNER	GARDNER- BIKE PATH CONSTRUCTION, NORTH CENTRAL PATHWAY (PHASE VI)	3	CMAQ	$3,000,000	$2,400,000	$600,000	
2021	608157	PIONEER VALLEY	SPRINGFIELD	SPRINGFIELD- MCKNIGHT COMMUNITY TRAIL CONSTRUCTION, FROM ARMORY STREET TO HAYDEN AVENUE (1.5 MILES)	2	CMAQ	$3,968,300	$3,174,640	$793,660	
2021	MRIDES	STATEWIDE	MULTIPLE	MASSRIDES - TRAVEL OPTIONS PROGRAM		CMAQ	$2,714,819	$2,171,855	$542,964	AC Yr 3 of 5. Total contract = $16.6M. Includes Safe Routes to Schools.
						STATEWIDE CONGESTION MITIGATION AND AIR QUALITY SUBTOTAL:	$37,615,256	$30,092,205	$7,523,052	
Statewide HSIP Program										
2021	608584	STATEWIDE	MULTIPLE	STATEWIDE- VARIOUS SAFETY STRATEGIES TO ADDRESS SHSP -TO BE DETERMINED (2021)		HSIP	$6,829,612	$6,146,651	$682,961	
2021	608565	STATEWIDE	MULTIPLE	DISTRICT 2- TOP 200 CRASH LOCATION SAFETY IMPROVEMENTS	2	HSIP	$2,784,000	$2,505,600	$278,400	
2021	608566	STATEWIDE	MULTIPLE	DISTRICT 3- TOP 200 CRASH LOCATION SAFETY IMPROVEMENTS	3	HSIP	$2,784,000	$2,505,600	$278,400	

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	608567	STATEWIDE	MULTIPLE	DISTRICT 4- TOP 200 CRASH LOCATION SAFETY IMPROVEMENTS	4	HSIP	$2,784,000	$2,505,600	$278,400	
2021	608574	STATEWIDE	MULTIPLE	BURLINGTON TO TYNGSBOROUGH - GUIDE AND TRAFFIC SIGN REPLACEMENT ON A SECTION OF US 3	4	HSIP	$8,650,388	$7,785,349	$865,039	
2021	608568	STATEWIDE	MULTIPLE	DISTRICT 5- TOP 200 CRASH LOCATION SAFETY IMPROVEMENTS	5	HSIP	$2,784,000	$2,505,600	$278,400	
2021	608569	STATEWIDE	MULTIPLE	DISTRICT 6- TOP 200 CRASH LOCATION SAFETY IMPROVEMENTS	6	HSIP	$2,784,000	$2,505,600	$278,400	
				STATEWIDE HSIP PROGRAM SUBTOTAL:			$29,400,000	$26,460,000	$2,940,000	

Statewide Infrastructure Program

2021	607977	BOSTON	MULTIPLE	HOPKINTON- WESTBOROUGH- RECONSTRUCTION OF I-90/I-495 INTERCHANGE	3	NHPP	$37,500,000	$30,000,000	$7,500,000	AC YEAR 2 OF 5. $269M total cost. $161.4M TFPC, 107.6M NFA.
2021	602659	CENTRAL MASSACHUSETTS	MULTIPLE	CHARLTON - OXFORD - RECONSTRUCTION ON ROUTE 20, FROM RICHARDSON'S CORNER EASTERLY TO ROUTE 12, INCLUDES REHAB OF C-06-023 & REPLACEMENT OF O-06-002	3	NHPP	$10,400,000	$8,320,000	$2,080,000	AC Year 2 of 5 / Design Status = Pre25% / In FY 21 CMAQ + HSIP + STP + SW Infracture + NFA Total Project Cost = $31,786,727 / Overall cost of Project is $57,000,000
2021	608049	SOUTHEASTERN MASSACHUSETTS	FALL RIVER	FALL RIVER- CORRIDOR IMPROVEMENTS ON ROUTE 79/DAVOL STREET	3	NHPP	$15,000,000	$12,000,000	$3,000,000	AC YEAR 2 OF 5. $74M total cost.
2021	608620	STATEWIDE	MULTIPLE	ANDOVER - TEWKSBURY, HIGHWAY LIGHTING SYSTEM REHABILITATION AND REPAIR AT THE INTERCHANGE OF INTERSTATE ROUTES 93 AND 495	4	STP	$10,672,000	$8,537,600	$2,134,400	
				STATEWIDE INFRASTRUCTURE PROGRAM SUBTOTAL:			$73,572,000	$58,857,600	$14,714,400	

Statewide Intelligent Transportation System

2021	608361	STATEWIDE	MULTIPLE	STATEWIDE INTELLIGENT TRANSPORTATION SYSTEMS, YEAR 2021		CMAQ	$12,500,000	$10,000,000	$2,500,000	
				STATEWIDE INTELLIGENT TRANSPORTATION SYSTEM SUBTOTAL:			$12,500,000	$10,000,000	$2,500,000	

Statewide Interstate Maintenance Program

2021	608210	BOSTON	MULTIPLE	FOXBOROUGH- PLAINVILLE- WRENTHAM- FRANKLIN- INTERSTATE MAINTENANCE & RELATED WORK ON I-495	5	NHPP	$26,680,000	$24,012,000	$2,668,000	
2021	608378	STATEWIDE	MULTIPLE	DANVERS- TOPSFIELD- BOXFORD- ROWLEY- INTERSTATE MAINTENANCE AND RELATED WORK ON I-95	4	NHPP	$17,652,500	$8,388,000	$9,264,500	IM + Stormwater = $18,172,500
				STATEWIDE INTERSTATE MAINTENANCE PROGRAM SUBTOTAL:			$44,332,500	$32,400,000	$11,932,500	

2021

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
Statewide National Highway System Preservation Program										
2021	608485	BERKSHIRE	MULTIPLE	LANESBOROUGH- PITTSFIELD- RESURFACING AND RELATED WORK ON ROUTE 8	1	NHPP	$5,568,000	$4,454,400	$1,113,600	
2021	608476	BOSTON	SOUTHBOROUGH	SOUTHBOROUGH- RESURFACING AND RELATED WORK ON ROUTE 30	3	NHPP	$2,784,000	$2,227,200	$556,800	
2021	608484	BOSTON	MULTIPLE	CANTON- MILTON- RESURFACING AND RELATED WORK ON ROUTE 138	6	NHPP	$13,766,880	$11,013,504	$2,753,376	
2021	608491	CENTRAL MASSACHUSETTS	MULTIPLE	UXBRIDGE - MENDON - RESURFACING AND RELATED WORK ON ROUTE 16	3	NHPP	$5,397,480	$4,317,984	$1,079,496	Construction / Design Status = Pre25% / Total Project Cost = $5,397,480
2021	608479	SOUTHEASTERN MASSACHUSETTS	MULTIPLE	ATTLEBORO- NORTH ATTLEBORO- RESURFACING AND RELATED WORK ON ROUTE 1	5	NHPP	$11,800,000	$9,440,000	$2,360,000	AC YEAR 2 OF 2. Total Cost = $16,877,000.
2021	608488	STATEWIDE	MULTIPLE	AMHERST- LEVERETT- SUNDERLAND- RESURFACING AND RELATED WORK ON ROUTE 63	2	NHPP	$22,678,000	$18,142,400	$4,535,600	
2021	608497	STATEWIDE	MULTIPLE	PLAINVILLE- WRENTHAM- RESURFACING AND RELATED WORK ON ROUTE 1	5	NHPP	$11,405,700	$9,124,560	$2,281,140	
				STATEWIDE NATIONAL HIGHWAY SYSTEM PRESERVATION PROGRAM SUBTOTAL:			$73,400,060	$58,720,048	$14,680,012	
Statewide Planning Program										
2021	UPWP22	STATEWIDE	MULTIPLE	METROPOLITAN PLANNING FOR THE UNIFIED PLANNING WORK PROGRAM		PL	$9,825,026	$7,860,021	$1,965,005	
2021	SPR221	STATEWIDE	MULTIPLE	STATEWIDE PLANNING AND RESEARCH WORK PROGRAM II (SPR II), RESEARCH		RD	$4,500,000	$3,600,000	$900,000	
2021	UPWP22	STATEWIDE	MULTIPLE	METROPOLITAN PLANNING FOR THE UNIFIED PLANNING WORK PROGRAM		SPR	$1,012,803	$810,242	$202,561	
2021	SPR121	STATEWIDE	MULTIPLE	STATEWIDE PLANNING AND RESEARCH WORK PROGRAM I (SPR I), PLANNING		SPR	$15,030,971	$12,024,777	$3,006,194	
				STATEWIDE PLANNING PROGRAM SUBTOTAL:			$30,368,800	$24,295,040	$6,073,760	
Statewide Railroad Grade Crossings										
2021	RRC	STATEWIDE	MULTIPLE	STATEWIDE RAILROAD CROSSING HAZARD ELIMINATION CONTRACTS		RRHE	$1,250,000	$1,000,000	$250,000	
2021	RRC	STATEWIDE	MULTIPLE	STATEWIDE RAILROAD CROSSING PROTECTIVE DEVICES CONTRACTS		RRPD	$1,250,000	$1,000,000	$250,000	
				STATEWIDE RAILROAD GRADE CROSSINGS SUBTOTAL:			$2,500,000	$2,000,000	$500,000	
Statewide Safe Routes to Schools Program										
2021	608630	STATEWIDE	MULTIPLE	SAFE ROUTES TO SCHOOLS - PROJECTS (2021)		TAP	$6,250,000	$5,000,000	$1,250,000	
				STATEWIDE SAFE ROUTES TO SCHOOLS PROGRAM SUBTOTAL:			$6,250,000	$5,000,000	$1,250,000	

2021

YR	MassDOT Project ID	MPO	Municipality Name	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
Statewide Stormwater Retrofits										
2021	608597	SOUTHEASTERN MASSACHUSETTS	ATTLEBORO	ATTLEBORO - STORMWATER IMPROVEMENTS ALONG I-95	5	STP-TE	$4,565,250	$3,652,200	$913,050	
2021	608378	STATEWIDE	MULTIPLE	DANVERS- TOPSFIELD- BOXFORD- ROWLEY- INTERSTATE MAINTENANCE AND RELATED WORK ON I-95	4	STP-TE	$520,000	$416,000	$104,000	IM + Stormwater = $18,172,500
				STATEWIDE STORMWATER RETROFITS SUBTOTAL:			$5,085,250	$4,068,200	$1,017,050	
				SECTION 1D / FEDERAL AID MAJOR & STATE CATEGORY PROJECTS TOTAL:			$436,401,753	$365,513,012	$70,888,741	
SECTION 2A / NON-FEDERAL PROJECTS										
Non Federal Aid										
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	NA	NFA	$10,000,000	$0	$10,000,000	AC Year 2 of 5 / Design Status = Pre25% / In FY 21 CMAQ + HSIP + STP + SW Infracture + NFA Total Project Cost = $31,786,727 / Overall cost of Project is $57,000,000
				NON FEDERAL AID SUBTOTAL:			$10,000,000	$0	$10,000,000	
				SECTION 2A / NON-FEDERAL PROJECTS TOTAL:			$10,000,000	$0	$10,000,000	
TOTAL		**YEAR 2021**					**$777,858,376**	**$631,975,872**	**$145,882,505**	

2021										
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 $3,104,121,078	**Total Non-Federal Funds** $675,926,324	**Total Programmed Funds** $3,780,050,968	

Investm - transit

Transit Funding Overview

The Federal Transit Administration (FTA) provides financial assistance to develop new transit systems and improve, maintain, and operate existing systems.

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 Senior and Individuals with Disabilities - Section 5310

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

MassDOT administers the Section 5310 program through a single application process that includes Section 5310, 5339 and the Commonwealth funded Mobility Assistance Program (MAP). A review committee advises MassDOT in the review and scoring of 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 the access of people in non-urbanized areas to health care, shopping, education, employment, public services, and recreation; assist in the maintenance, development, improvement, and use of public transportation systems in non-urbanized areas.

State of Good Repair Grants - Section 5337

5337 is a formula-based State of Good Repair program dedicated to repairing and upgrading the nation's rail transit systems along with high-intensity motor bus systems that use high-occupancy vehicle lanes, including bus rapid transit (BRT).

Bus and Bus Facilities - Section 5339

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

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

Regional Transit Authority Capital Assistance – RTACAP

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

Mobility Assistance Program - MAP

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

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).

Transportation Development Credits - TDC

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

Local Funds

Local funds are any local contributions to transit operations.

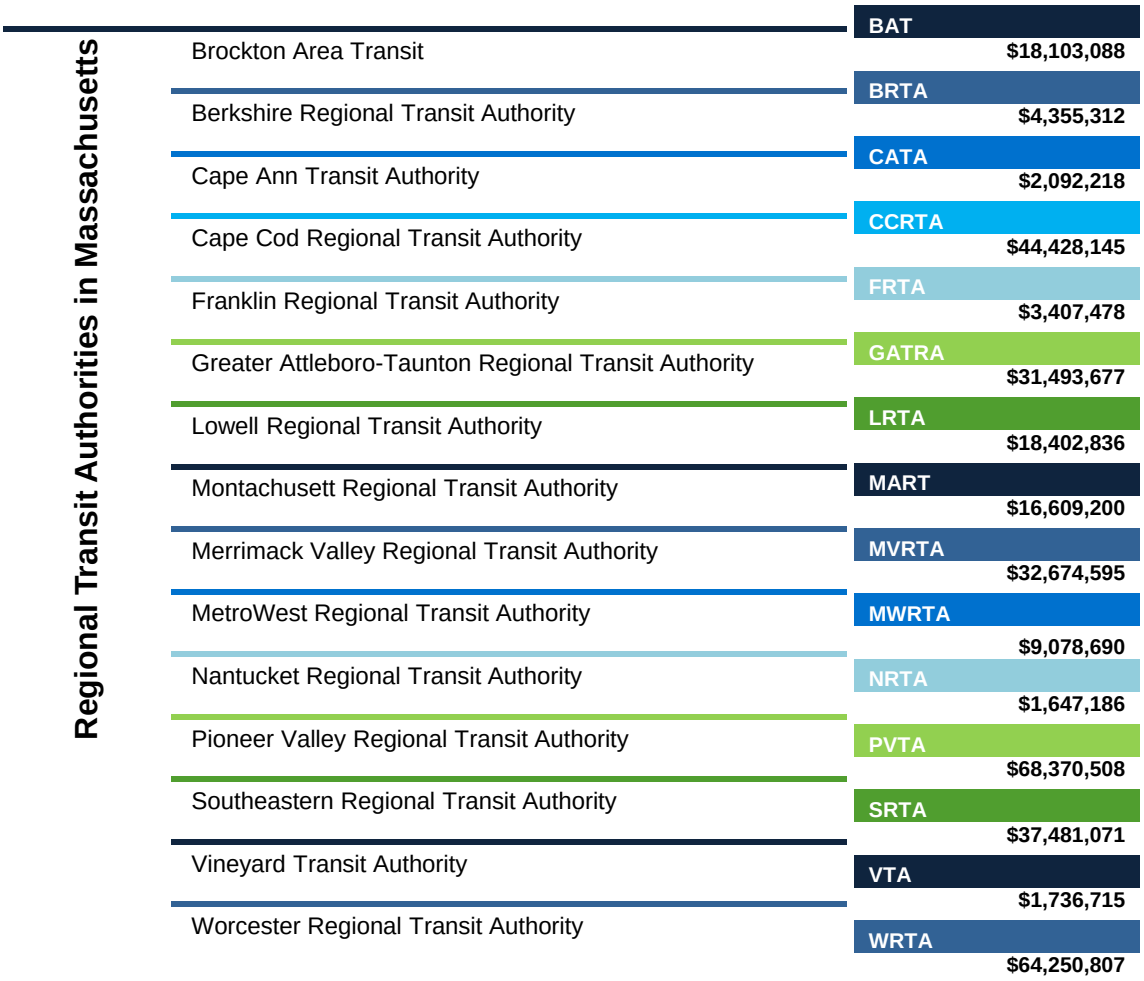


Figure 7 - Transit federal funding programmed in 2017-2021 by RTA

Massachusetts Bay Transportation Authority
$1,932,746,687

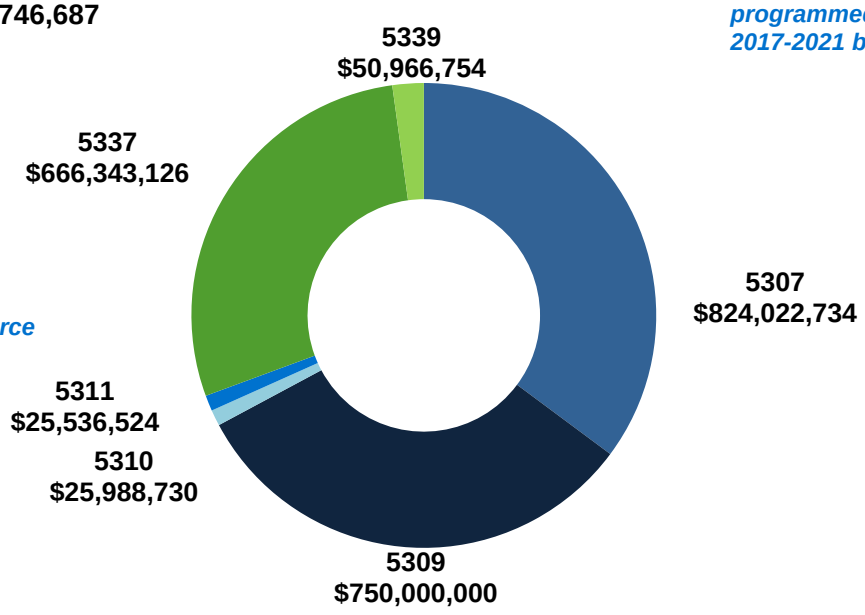


Figure 8 - Transit federal funding programmed in 2017-2021 by funding source

Transit Investments

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2019 – page 117
2020 – page 121
2021 – page 124

Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	RTACAP	MAP	ICB	SCA	TDC	Local Funds	Total Cost
5307											
MWRTA	117C00	NON FIXED ROUTE ADA PARA SERV		$1,992,640	$0	$0	$0	$498,160	$0	$0	$2,490,800
MWRTA	114200	ACQUISITION OF BUS SUPPORT EQUIP/FACILITIES		$217,390	$74,764	$0	$0	$0	$0	$0	$292,154
CATA	117A00	PREVENTIVE MAINTENANCE		$350,000	$0	$0	$0	$0	$0	$87,500	$437,500
SRTA	442400	SHORT RANGE TRANSIT PLANNING		$96,000	$0	$0	$0	$0	$0	$24,000	$120,000
SRTA	300901	UP TO 50% FEDERAL SHARE		$5,380,765	$0	$0	$0	$5,661,103	$0	$0	$11,041,868
SRTA		ADA Operating Projects		$160,000	$0	$0	$0	$40,000	$0	$0	$200,000
SRTA		Preventive Maintenance		$640,000	$0	$0	$0	$160,000	$0	$0	$800,000
SRTA		Rehab/Renovation: Surveillance/Security		$40,000	$10,000	$0	$0	$0	$0	$0	$50,000
SRTA	111215	BUY REPLACEMENT VAN (1)		$45,600	$15,619	$0	$0	$0	$0	$0	$61,219
SRTA	111202	BUY REPLACEMENT 35-FT BUS		$415,293	$1,661,172	$0	$0	$0	$0	$0	$2,076,465
SRTA	111640	Tire Lease		$82,960	$20,740	$0	$0	$0	$0	$0	$103,700
SRTA	112120	ENG/DESIGN - ITS		$638,040	$159,510	$0	$0	$0	$0	$0	$797,550
SRTA	114220	ACQUIRE - MISC SUPPORT EQUIPMENT		$8,000	$2,000	$0	$0	$0	$0	$0	$10,000
SRTA	111340	CAP MAINT ITEMS - Hybrid Battery (2)		$36,800	$9,200	$0	$0	$0	$0	$0	$46,000
SRTA	114211	ACQUIRE - SUPPORT VEHICLES		$28,000	$7,000	$0	$0	$0	$0	$0	$35,000
MART	114220	ACQUIRE - MISC SUPPORT EQUIPMENT		$40,000	$10,000	$0	$0	$0	$0	$0	$50,000
MART	123404	REHAB/RENOV - PARK & RIDE FACILITY		$80,000	$20,000	$0	$0	$0	$0	$0	$100,000
MART	111215	BUY REPLACEMENT VAN (5)		$236,000	$59,000	$0	$0	$0	$0	$0	$295,000
MART	114403	REHAB/RENOVATE - ADMIN/MAINT FACILITY		$100,000	$25,000	$0	$0	$0	$0	$0	$125,000
MART	114403	REHAB/RENOVATE - ADMIN/MAINT FACILITY		$320,000	$80,000	$0	$0	$0	$0	$0	$400,000
MART	111204	BUY REPLACEMENT <30 FT BUS (2)		$146,000	$36,500	$0	$0	$0	$0	$0	$182,500
MART	113404	REHAB/RENOVATE - BUS PARK & RIDE LOT		$200,000	$50,000	$0	$0	$0	$0	$0	$250,000
MART	300901	UP TO 50% FEDERAL SHARE		$2,000,000	$0	$0	$0	$2,000,000	$0	$0	$4,000,000
MART	117C00	NON FIXED ROUTE ADA PARA SERV		$240,000	$0	$0	$0	$60,000	$0	$0	$300,000
WRTA		Miscellaneous Equipment		$39,200	$9,800	$0	$0	$0	$0	$0	$49,000
WRTA		Transportation Planning		$420,360	$0	$0	$0	$105,090	$0	$0	$525,450
WRTA		Purchase - Support Vehicle (1)		$26,000	$6,500	$0	$0	$0	$0	$0	$32,500
WRTA		Purchase - Miscellaneous Support Equipment		$20,000	$5,000	$0	$0	$0	$0	$0	$25,000
WRTA		Spare Parts / Associated Capital Maintenance		$149,868	$37,467	$0	$0	$0	$0	$0	$187,335
WRTA		Purchase Shop Equipment		$8,000	$2,000	$0	$0	$0	$0	$0	$10,000
WRTA		Computer Technologies - Software		$68,000	$17,000	$0	$0	$0	$0	$0	$85,000
WRTA		Computer Technologies - Hardware		$104,000	$26,000	$0	$0	$0	$0	$0	$130,000
WRTA		Enhancements - Shelters		$30,000	$7,500	$0	$0	$0	$0	$0	$37,500
WRTA		Enhancements - Signage		$20,000	$5,000	$0	$0	$0	$0	$0	$25,000
WRTA		Purchase - Expansion: Buses (1)		$500,000	$0	$0	$0	$0	$100,000	$0	$500,000
WRTA	113401	REHAB/RENOVATE - BUS TERMINAL		$40,000	$10,000	$0	$0	$0	$0	$0	$50,000
WRTA	114303	CONSTRUCT - ADMIN/MAINT FACILITY		$3,315,591	$0	$0	$0	$0	$663,118	$0	$3,315,591
WRTA	117C00	NON FIXED ROUTE ADA PARA SERV		$929,455	$0	$0	$0	$232,364	$0	$0	$1,161,819
WRTA		Preventive Maintenance		$3,839,917	$0	$0	$0	$959,979	$0	$0	$4,799,896
MBTA	117A00	PREVENTIVE MAINTENANCE		$12,000,000	$0	$0	$0	$0	$0	$3,000,000	$15,000,000
MBTA	119400	Systems Upgrades		$58,685,516	$0	$0	$0	$0	$0	$14,671,379	$73,356,895
MVRTA		Rehab/Renovation: Refurbish Engine/Transmission 8 Model Year 2011 Buses		$224,000	$56,000	$0	$0	$0	$0	$0	$280,000
MVRTA		ADA Operating Expense		$1,097,465	$0	$0	$0	$274,365	$0	$0	$1,371,830
MVRTA		Preventive Maintenance Expense		$2,443,850	$0	$0	$0	$610,960	$0	$0	$3,054,810
MVRTA	442400	SHORT RANGE TRANSIT PLANNING		$80,000	$0	$0	$0	$0	$0	$20,000	$100,000
MVRTA	300900	OPERATING ASSISTANCE		$628,525	$0	$0	$0	$628,525	$0	$0	$1,257,050
MVRTA	113403	Replace Parking Facilities Revenue Collection Equipment		$240,000	$60,000	$0	$0	$0	$0	$0	$300,000
MVRTA	114209	Bus/Van Mobile location Project		$240,000	$60,000	$0	$0	$0	$0	$0	$300,000
MVRTA	114211	Replace 1 Model Yr 2013 Support Vehicle		$37,080	$9,270	$0	$0	$0	$0	$0	$46,350
LRTA	111240	BUY ASSOC CAP MAINT ITEMS (IT EQUIPMENT)		$5,000	$5,000	$0	$0	$0	$0	$0	$10,000

Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	RTACAP	MAP	ICB	SCA	TDC	Local Funds	Total Cost
LRTA	113403	Construction: Gallagher Intermodal Center Lobby		$627,253	$1,872,747	$0	$0	$0	$0	$0	$2,500,000
LRTA	114220	Terminal& Building Equipment and Maintenance		$30,000	$30,000	$0	$0	$0	$0	$0	$60,000
BAT	300900	Operating/PM/ADA		$2,000,000	$0	$0	$0	$2,000,000	$0	$0	$4,000,000
BAT	111302	BUY 35-FT BUS FOR EXPANSION - 2		$266,000	$1,064,000	$0	$0	$0	$0	$0	$1,330,000
BAT	114206	ACQUIRE - SHOP EQUIPMENT - 3 Lifts		$120,000	$30,000	$0	$0	$0	$0	$0	$150,000
BAT	114402	REHAB/RENOVATE - MAINTENANCE FACILITY		$24,000	$6,000	$0	$0	$0	$0	$0	$30,000
BAT	114241	ACQUIRE - EXCLUSIVE BICYCLE EQUIP		$8,000	$2,000	$0	$0	$0	$0	$0	$10,000
GATRA	114402	REHAB/RENOVATE - TAUNTON MAINTENANCE FACILITY		$280,000	$70,000	$0	$0	$0	$0	$0	$350,000
GATRA	119203	PURCHASE LANDSCAPING / SCENIC BEAUTIFICATION		$32,000	$8,000	$0	$0	$0	$0	$0	$40,000
GATRA	116220	PURCHASE MISC COMMUNICATIONS EQUIP		$48,000	$12,000	$0	$0	$0	$0	$0	$60,000
GATRA	114220	ACQUIRE - MISC SUPPORT EQUIPMENT		$80,000	$20,000	$0	$0	$0	$0	$0	$100,000
GATRA	117C00	NON FIXED ROUTE ADA PARA SERV		$1,000,000	$0	$0	$0	$250,000	$0	$0	$1,250,000
GATRA	300901	Operating Assistance		$500,000	$0	$0	$0	$500,000	$0	$0	$1,000,000
GATRA	114102	ENG/DESIGN - EAST MAINT FACILITY		$289,677	$72,419	$0	$0	$0	$0	$0	$362,096
GATRA	117A00	PREVENTIVE MAINTENANCE		$2,800,000	$0	$0	$0	$700,000	$0	$0	$3,500,000
GATRA	442400	SHORT RANGE TRANSIT PLANNING		$80,000	$0	$0	$0	$20,000	$0	$0	$100,000
GATRA	111215	BUY REPLACEMENT VAN - 5		$240,000	$0	$0	$0	$0	$0	$60,000	$300,000
GATRA	111204	BUY REPLACEMENT <30 FT BUS - 2		$112,000	$0	$0	$0	$0	$0	$28,000	$140,000
GATRA	111203	BUY REPLACEMENT 30-FT BUS - 2		$512,000	$128,000	$0	$0	$0	$0	$0	$640,000
PVTA	114406	Purchase/Renovate Shop Equipment		$80,000	$20,000	$0	$0	$0	$0	$0	$100,000
PVTA	442301	Planning		$216,000	$0	$0	$0	$54,000	$0	$0	$270,000
PVTA	117C00	ADA Operating Projects		$1,213,341	$0	$0	$0	$303,335	$0	$0	$1,516,676
PVTA	117A00	Preventive Maintenance		$4,520,000	$0	$0	$0	$1,130,000	$0	$0	$5,650,000
PVTA	119306	CONSTRUCT BICYCLE ACCESS, FACIL & EQUIP ON BUSES		$4,000	$1,000	$0	$0	$0	$0	$0	$5,000
PVTA	119308	Transit Enhancements: Signs/Lighting		$8,000	$2,000	$0	$0	$0	$0	$0	$10,000
PVTA	114402	REHAB/RENOVATE - Environmental Compliance		$60,000	$15,000	$0	$0	$0	$0	$0	$75,000
PVTA	119302	Transit Enhancements: Shelters, benches, etc.		$120,000	$30,000	$0	$0	$0	$0	$0	$150,000
PVTA	114402	Rehab/Renovations: UMASS Maintenance Facility		$80,000	$20,000	$0	$0	$0	$0	$0	$100,000
PVTA	114220	Rehab/Renovation: Communications Systems (ITS)		$2,408,435	$602,109	$0	$0	$0	$0	$0	$3,010,544
PVTA	114302	CONSTRUCT - MAINT FACILITY, Spfld.O&M, Yr 3		$1,962,074	$14,900,000	$0	$0	$0	$0	$0	$16,862,074
PVTA	114402	Rehab/Renovations: Northampton Maintenace Facility		$200,000	$50,000	$0	$0	$0	$0	$0	$250,000
PVTA	111216	Purchase Replacement - Support Vehicles (2)		$100,000	$25,000	$0	$0	$0	$0	$0	$125,000
PVTA	114411	Purchase - Replacement: Supervisory Vehicles (2)		$48,000	$12,000	$0	$0	$0	$0	$0	$60,000
PVTA	114402	Facility Rehab: SATCO		$1,400,000	$350,000	$0	$0	$0	$0	$0	$1,750,000
PVTA	113303	TERMINAL, INTERMODAL (TRANSIT) - WESTFIELD		$662,274	$0	$0	$0	$0	$0	$165,569	$827,843
PVTA	111215	Purchase - Replacement: Vans (12)		$625,038	$156,260	$0	$0	$0	$0	$0	$781,298
CCRTA	117C00	NON FIXED ROUTE ADA PARA SERV		$521,692	$0	$0	$0	$130,423	$0	$0	$652,115
CCRTA	117A00	PREVENTIVE MAINTENANCE		$5,041,517	$0	$0	$0	$1,260,379	$0	$0	$6,301,896
CCRTA	117L00	MOBILITY MANAGEMENT		$1,183,200	$0	$0	$0	$295,800	$0	$0	$1,479,000
CCRTA	300900	OPERATING ASSISTANCE		$600,000	$0	$0	$0	$600,000	$0	$0	$1,200,000
CCRTA	114208	ACQUIRE - ADP SOFTWARE		$377,600	$94,400	$0	$0	$0	$0	$0	$472,000
CCRTA	117000	OTHER CAPITAL ITEMS (BUS)		$242,000	$60,500	$0	$0	$0	$0	$0	$302,500
BRTA		Preventive Maintenance		$120,000	$30,000	$0	$0	$0	$0	$0	$150,000
BRTA	114406	Rehab/Renovation: Shop Equipment		$20,000	$5,000	$0	$0	$0	$0	$0	$25,000
BRTA	111215	BUY REPLACEMENT VAN (1)		$95,680	$23,920	$0	$0	$0	$0	$0	$119,600
BRTA	111215	BUY REPLACEMENT VAN		$191,360	$47,840	$0	$0	$0	$0	$0	$239,200

Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	RTACAP	MAP	ICB	SCA	TDC	Local Funds	Total Cost
BAT	442615	SUPP TRANSIT CAPITAL INVESTMT DECISIONS THROUGH EFFECTIVE SYS PLANNING		$40,000	$0	$0	$0	$0	$0	$10,000	$50,000
LRTA	111240	Purchase - Capital Spare Parts		$104,000	$26,000	$0	$0	$0	$0	$0	$130,000
LRTA	442400	SHORT RANGE TRANSIT PLANNING 2017		$80,000	$0	$0	$0	$0	$0	$20,000	$100,000
MVRTA	111202	Replace 7 Model Yr 2004 buses with new		$2,391,200	$597,800	$0	$0	$0	$0	$0	$2,989,000
LRTA	111215	BUY REPLACEMENT FIXED ROUTE VAN (1)		$60,000	$25,000	$0	$0	$0	$0	$0	$85,000
LRTA	300901	Operating Assistance 2017		$1,663,686	$0	$0	$0	$3,431,207	$0	$2,602,080	$7,696,973
LRTA	117A00	PREVENTIVE MAINTENANCE 2017		$1,082,428	$0	$0	$0	$270,622	$0	$0	$1,353,050
			Subtotal	**$135,255,770**	**$22,966,037**	**$0**	**$0**	**$22,176,312**	**$763,118**	**$20,688,528**	**$201,086,647**
5309											
MBTA	132303	GREEN LINE EXTENSION PROJECT-EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR		$150,000,000	$0	$0	$0	$0	$0	$230,670,000	$380,670,000
			Subtotal	**$150,000,000**	**$0**	**$0**	**$0**	**$0**	**$0**	**$230,670,000**	**$380,670,000**
5310											
MassDOT	111215	Mobility Assistance Program		$5,197,746	$0	$4,064,000	$0	$0	$0	$0	$9,261,746
			Subtotal	**$5,197,746**	**$0**	**$4,064,000**	**$0**	**$0**	**$0**	**$0**	**$9,261,746**
5311											
NRTA	300900	OPERATING ASSISTANCE		$543,287	$0	$0	$0	$394,651	$0	$148,636	$1,086,574
FRTA	300900	OPERATING ASSISTANCE		$1,116,154	$0	$0	$0	$775,233	$0	$340,921	$2,232,308
MassDOT	300900	Rural Formula		$3,749,029	$0	$0	$0	$0	$0	$3,749,029	$7,498,058
VTA	300901	UP TO 50% FEDERAL SHARE		$863,782	$0	$0	$0	$863,782	$0	$0	$1,727,564
			Subtotal	**$6,272,252**	**$0**	**$0**	**$0**	**$2,033,666**	**$0**	**$4,238,586**	**$12,544,504**
5337											
WRTA	113403	TERMINAL, INTERMODAL (TRANSIT)		$2,397,250	$0	$0	$0	$0	$0	$599,313	$2,996,563
MBTA	122404	Bridge & Tunnel Program		$100,000,000	$0	$0	$0	$0	$0	$25,000,000	$125,000,000
MBTA	119400	Systems Upgrades		$21,190,546	$0	$0	$0	$0	$0	$5,297,637	$26,488,183
			Subtotal	**$123,587,796**	**$0**	**$0**	**$0**	**$0**	**$0**	**$30,896,950**	**$154,484,746**
5339											
WRTA	114303	CONSTRUCT - ADMIN/MAINT FACILITY		$512,409	$0	$0	$0	$0	$102,482	$0	$512,409
MBTA	119400	Systems Upgrades		$5,287,027	$0	$0	$0	$0	$0	$1,321,757	$6,608,784
GATRA	111215	BUY REPLACEMENT VAN - 2		$96,000	$0	$0	$0	$0	$0	$24,000	$120,000
GATRA	111204	BUY REPLACEMENT <30 FT BUS - 2		$112,000	$0	$0	$0	$0	$0	$28,000	$140,000
GATRA	111203	BUY REPLACEMENT 30-FT BUS - 1		$256,000	$64,000	$0	$0	$0	$0	$0	$320,000
PVTA	113303	TERMINAL, INTERMODAL (TRANSIT) - WESTFIELD		$772,648	$358,731	$0	$0	$0	$0	$840,000	$1,971,379
PVTA	111215	BUY REPLACEMENT VAN (7)		$349,558	$87,390	$0	$0	$0	$0	$0	$436,948
CCRTA	113400	REHAB/RENOVATE BUS STATIONS		$320,000	$80,000	$0	$0	$0	$0	$0	$400,000
CCRTA	119302	CONSTRUCTION - BUS SHELTERS		$51,200	$12,800	$0	$0	$0	$0	$0	$64,000
CCRTA	114200	ACQUISITION OF BUS SUPPORT EQUIP/FACILITIES		$56,000	$14,000	$0	$0	$0	$0	$0	$70,000
CCRTA	114211	ACQUIRE - SUPPORT VEHICLES		$45,329	$11,332	$0	$0	$0	$0	$0	$56,661
CCRTA	114209	ACQUIRE - MOBILE SURV/SECURITY EQUIP		$96,631	$24,158	$0	$0	$0	$0	$0	$120,789
CCRTA	114207	ACQUIRE - ADP HARDWARE		$227,520	$56,880	$0	$0	$0	$0	$0	$284,400
CCRTA	117000	OTHER CAPITAL ITEMS (BUS)		$338,800	$84,700	$0	$0	$0	$0	$0	$423,500
MassDOT	111200	Bus and Bus Facilities		$2,249,156	$0	$0	$0	$0	$0	$562,289	$2,811,445
			Subtotal	**$10,770,278**	**$793,991**	**$0**	**$0**	**$0**	**$102,482**	**$2,776,046**	**$14,340,315**
5320											
			Subtotal	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**
Other Federal											
			Subtotal	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**
Other Non-Federal											
MWRTA	113300	CONSTRUCTION OF BUS STATIONS/TERMINALS		$0	$2,650,000	$0	$0	$0	$0	$0	$2,650,000
CATA	111203	BUY REPLACEMENT 30-FT BUS (3)		$0	$1,275,000	$0	$0	$0	$0	$0	$1,275,000
CATA	114220	ACQUIRE - MISC SUPPORT EQUIPMENT (MATCH IN FY16)		$0	$5,832	$0	$0	$0	$0	$0	$5,832
CATA	114211	ACQUIRE - SUPPORT VEHICLES (MATCH IN FY16)		$0	$13,000	$0	$0	$0	$0	$0	$13,000

Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	RTACAP	MAP	ICB	SCA	TDC	Local Funds	Total Cost
CATA	114206	ACQUIRE - IT EQUIPMENT (Match in FY16)		$0	$10,000	$0	$0	$0	$0	$0	$10,000
SRTA	114402	REHAB/RENOVATE - MAINTENANCE FACILITY		$0	$50,000	$0	$0	$0	$0	$0	$50,000
MART	113404	REHAB/RENOVATE - BUS PARK & RIDE LOT		$0	$132,000	$0	$0	$0	$0	$0	$132,000
WRTA		Project Administration (Match in FY16)		$0	$0	$0	$0	$13,649	$0	$0	$13,649
NRTA	114306	CONSTRUCT - SHOP EQUIPMENT		$0	$15,000	$0	$0	$0	$0	$0	$15,000
NRTA	114207	ACQUIRE - ADP HARDWARE		$0	$20,000	$0	$0	$0	$0	$0	$20,000
NRTA	111203	BUY REPLACEMENT 30-FT BUS (2)		$0	$460,000	$0	$0	$0	$0	$0	$460,000
NRTA	1000002	PREVENTIVE MAINTENANCE		$0	$10,000	$0	$0	$0	$0	$0	$10,000
NRTA	116403	REHAB/RENOV RADIOS		$0	$4,000	$0	$0	$0	$0	$0	$4,000
NRTA	114220	ACQUIRE - MISC SUPPORT EQUIPMENT		$0	$120,000	$0	$0	$0	$0	$0	$120,000
NRTA	114420	REHAB/RENOVATE - MISC SUPPORT EQUIPMENT		$0	$60,000	$0	$0	$0	$0	$0	$60,000
NRTA	995000	TRAVELER INFORMATION		$0	$23,000	$0	$0	$0	$0	$0	$23,000
NRTA	111203	BUY REPLACEMENT 30-FT BUS		$0	$430,000	$0	$0	$0	$0	$0	$430,000
MVRTA	113303	Newburyport Intermodal Transit Facility		$0	$2,500,000	$0	$0	$0	$0	$0	$2,500,000
LRTA	111203	BUY REPLACEMENT 30-FT BUS DIESEL BUSES (12) Match in FY16		$0	$2,550,000	$0	$0	$0	$0	$0	$2,550,000
LRTA	114220	Purchase Automated Parking System Gallagher Parking Garage		$0	$215,000	$0	$0	$0	$0	$0	$215,000
LRTA	119305	CONSTRUCT Gallagher Intermodal Pedestrian Bridge		$0	$1,515,000	$0	$0	$0	$0	$0	$1,515,000
BAT	114406	ACQUIRE MISC SUPPORT EQUIPMENT (Match in FY16)		$0	$4,000	$0	$0	$0	$0	$0	$4,000
BAT	111240	BUY ASSOC CAP MAINT ITEMS (Match in FY16)		$0	$24,000	$0	$0	$0	$0	$0	$24,000
BAT	114211	ACQUIRE - SUPPORT VEHICLES (1) (Match in FY16)		$0	$7,000	$0	$0	$0	$0	$0	$7,000
BAT	114220	ACQUIRE - MISC SUPPORT EQUIPMENT (Match in FY16)		$0	$15,000	$0	$0	$0	$0	$0	$15,000
BAT	111202	BUY REPLACEMENT 35-FT BUS (4) (Match in FY16)		$0	$1,600,000	$0	$0	$0	$0	$0	$1,600,000
BAT	300900	Operating: Saturday Evening Service		$0	$0	$0	$0	$37,500	$0	$37,500	$75,000
BAT	111204	BUY REPLACEMENT <30 FT BUS (7)		$0	$0	$0	$0	$0	$0	$485,000	$485,000
BAT	111215	BUY REPLACEMENT VAN COA (3)		$0	$0	$0	$0	$0	$0	$190,000	$190,000
BAT	114305	CONSTRUCT - YARDS AND SHOPS (Match in FY16)		$0	$50,000	$0	$0	$0	$0	$0	$50,000
BAT	300900	OPERATING ASSISTANCE - Sunday Service		$0	$0	$0	$0	$87,500	$0	$87,500	$175,000
BAT	300900	OPERATING ASSISTANCE - Avon/Stoughton		$0	$0	$0	$0	$14,000	$0	$14,000	$28,000
BAT	300900	OPERATING ASSISTANCE - Rockland		$0	$0	$0	$0	$25,000	$0	$25,000	$50,000
BAT	111201	BUY REPLACEMENT 40-FT BUS (4)		$0	$1,568,000	$0	$0	$0	$0	$0	$1,568,000
BAT	111700	VEH OVERHAUL (UP TO 20% VEH MAINT) (5) (Match in FY16)		$0	$640,000	$0	$0	$0	$0	$0	$640,000
BAT	114210	ACQUIRE - MOBILE FARE COLL EQUIP - Student Pass (Match in FY16)		$0	$5,000	$0	$0	$0	$0	$0	$5,000
BAT	114400	REHAB/RENOVATE BUS SUPPORT FACIL Garage Sealant (Match in FY16)		$0	$20,000	$0	$0	$0	$0	$0	$20,000
FRTA	114220	ACQUIRE - MISC SUPPORT EQUIPMENT		$0	$10,000	$0	$0	$0	$0	$0	$10,000
FRTA	114409	Rehab/Renovation: Surveillance/Security		$0	$10,000	$0	$0	$0	$0	$0	$10,000
FRTA	114406	Rehab/Renovation: Shop Equipment		$0	$10,000	$0	$0	$0	$0	$0	$10,000
FRTA	114403	Rehab/Renovation: Admin/Maint Facility		$0	$15,500	$0	$0	$0	$0	$0	$15,500
FRTA	111203	BUY REPLACEMENT 30-FT BUS		$0	$435,000	$0	$0	$0	$0	$0	$435,000
FRTA	114211	ACQUIRE - SUPPORT VEHICLES		$0	$70,000	$0	$0	$0	$0	$0	$70,000
FRTA	114102	ENG/DESIGN - MAINT FACILITY		$0	$1,000,000	$0	$0	$0	$0	$0	$1,000,000
FRTA	114202	ACQUIRE - MAINTENANCE FACILITY		$0	$450,000	$0	$0	$0	$0	$0	$450,000
VTA	114206	ACQUIRE - SHOP EQUIPMENT		$0	$25,000	$0	$0	$0	$0	$0	$25,000
VTA	111400	REHAB/REBUILD - CAPITOL BUS		$0	$175,000	$0	$0	$0	$0	$0	$175,000
VTA	111202	BUY REPLACEMENT 35-FT BUS (3)		$0	$1,320,000	$0	$0	$0	$0	$0	$1,320,000

2017

Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	RTACAP	MAP	ICB	SCA	TDC	Local Funds	Total Cost
VTA	114403	REHAB/RENOVATE - ADMIN/MAINT FACILITY		$0	$75,000	$0	$0	$0	$0	$0	$75,000
VTA	113220	ACQUIRE - MISC BUS STATION EQUIP		$0	$10,000	$0	$0	$0	$0	$0	$10,000
VTA	114211	ACQUIRE - SUPPORT VEHICLES		$0	$60,000	$0	$0	$0	$0	$0	$60,000
VTA	113306	CONSTRUCT - STATIONARY BUS FARE COLL EQUIP		$0	$250,000	$0	$0	$0	$0	$0	$250,000
VTA	111315	BUY VAN FOR SVC EXPANSION		$0	$60,000	$0	$0	$0	$0	$0	$60,000
VTA	113310	CONSTRUCT - BUS PASSENGER SHELTERS		$0	$50,000	$0	$0	$0	$0	$0	$50,000
VTA	111215	BUY REPLACEMENT VAN		$0	$150,000	$0	$0	$0	$0	$0	$150,000
VTA	114220	ACQUIRE - MISC SUPPORT EQUIPMENT		$0	$30,000	$0	$0	$0	$0	$0	$30,000
BRTA		Purchase - Replacement: Buses (1) (Match in FY16)		$0	$71,000	$0	$0	$0	$0	$0	$71,000
MassDOT	900000	Transit Technical Assistance		$0	$2,213,352	$0	$0	$0	$0	$0	$2,213,352
			Subtotal	**$0**	**$22,480,684**	**$0**	**$0**	**$177,649**	**$0**	**$839,000**	**$23,497,333**
			Total	$431,083,842	$46,240,712	$4,064,000	$0	$24,387,627	$865,600	$290,109,110	$795,885,291

Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	RTACAP	MAP	ICB	SCA	TDC	Local Funds	Total Cost
5307											
BRTA		Preventive Maintenance		$120,000	$30,000	$0	$0	$0	$0	$0	$150,000
BRTA	114403	Transit Enhancements		$40,000	$10,000	$0	$0	$0	$0	$0	$50,000
BRTA	114406	Rehab/Renovation: Shop Equipment		$20,000	$5,000	$0	$0	$0	$0	$0	$25,000
BRTA	111215	BUY REPLACEMENT VAN (5)		$538,136	$134,534	$0	$0	$0	$0	$0	$672,670
BRTA	111203	BUY REPLACEMENT 30-FT BUS (2)		$880,000	$220,000	$0	$0	$0	$0	$0	$1,100,000
CATA	117A00	PREVENTIVE MAINTENANCE	2017 - $350,000	$350,000	$0	$0	$0	$0	$0	$87,500	$437,500
CATA	114206	ACQUIRE - SHOP EQ/SOFTWARE MAINT	2017 - $40,000	$40,000	$10,000	$0	$0	$0	$0	$0	$50,000
CATA	114220	ACQUIRE - MISC SUPPORT EQUIPMENT	2017 - $27,267	$27,267	$6,817	$0	$0	$0	$0	$0	$34,084
CATA	114206	ACQUIRE - SHOP EQUIPMENT	2017 - $52,000	$52,000	$13,000	$0	$0	$0	$0	$0	$65,000
CCRTA	114200	ACQUISITION OF BUS SUPPORT EQUIP/FACILITIES	2017 - $7,235	$7,235	$1,809	$0	$0	$0	$0	$0	$9,044
CCRTA	114207	ACQUIRE - ADP HARDWARE	2017 - $24,000	$24,000	$6,000	$0	$0	$0	$0	$0	$30,000
CCRTA	117C00	NON FIXED ROUTE ADA PARA SERV	2017 - $532,126	$532,126	$0	$0	$0	$133,032	$0	$0	$665,158
CCRTA	117L00	MOBILITY MANAGEMENT	2017 - $1,206,864	$1,206,864	$0	$0	$0	$301,716	$0	$0	$1,508,580
CCRTA	117A00	PREVENTIVE MAINTENANCE	2017 - $5,209,978	$5,209,978	$0	$0	$0	$1,302,495	$0	$0	$6,512,473
CCRTA	300900	OPERATING ASSISTANCE	2017 - $600,000	$600,000	$0	$0	$0	$600,000	$0	$0	$1,200,000
GATRA	119203	PURCHASE LANDSCAPING / SCENIC BEAUTIFICATION		$32,000	$8,000	$0	$0	$0	$0	$0	$40,000
GATRA	114220	ACQUIRE - MISC SUPPORT EQUIPMENT	2017 - $36,000	$60,000	$15,000	$0	$0	$0	$0	$0	$75,000
GATRA	117C00	NON FIXED ROUTE ADA PARA SERV	2017 - $716,295	$1,000,000	$0	$0	$0	$250,000	$0	$0	$1,250,000
GATRA	300901	Operating Assistance	2017 - $326,724	$500,000	$0	$0	$0	$500,000	$0	$0	$1,000,000
GATRA	117A00	PREVENTIVE MAINTENANCE	2017 - $1,740,000	$2,800,000	$0	$0	$0	$700,000	$0	$0	$3,500,000
GATRA	442400	SHORT RANGE TRANSIT PLANNING	2017 - $80,000	$80,000	$0	$0	$0	$20,000	$0	$0	$100,000
GATRA	111215	BUY REPLACEMENT VAN - 6	2017 - $300,000	$300,000	$0	$0	$0	$0	$0	$75,000	$375,000
LRTA	442400	SHORT RANGE TRANSIT PLANNING 2018	2016 - $80,000	$80,000	$0	$0	$0	$0	$0	$20,000	$100,000
LRTA	111240	Purchase - Capital Spare Parts	2016 - $50,000	$50,000	$50,000	$0	$0	$0	$0	$0	$100,000
LRTA	300901	Operating Assistance 2018	2016 - $879,322; 2017 - $784,364	$1,663,686	$0	$0	$0	$3,524,731	$0	$2,667,132	$7,855,549
LRTA	117A00	PREVENTIVE MAINTENANCE 2018	2017 - $1,078,440	$1,078,440	$0	$0	$0	$269,610	$0	$0	$1,348,050
MVRTA		ADA Operating Expense		$1,120,695	$0	$0	$0	$282,675	$0	$0	$1,403,370
MVRTA		Preventive Maintenance Expense	2017 - $2,522,325	$2,522,325	$0	$0	$0	$630,580	$0	$0	$3,152,905
MVRTA		Refurbish Engine/trans 8 model year 2011 buses		$230,400	$57,600	$0	$0	$0	$0	$0	$288,000
MVRTA	300900	OPERATING ASSISTANCE		$696,240	$0	$0	$0	$696,240	$0	$0	$1,392,480
MVRTA	442400	SHORT RANGE TRANSIT PLANNING		$80,000	$0	$0	$0	$0	$0	$20,000	$100,000
SRTA	300901	UP TO 50% FEDERAL SHARE	2017 - $5,380,765	$5,380,765	$0	$0	$0	$5,781,233	$0	$0	$11,161,998
SRTA		ADA Operating Projects	2015 - $160,000	$160,000	$0	$0	$0	$40,000	$0	$0	$200,000
SRTA		Preventive Maintenance	2015 - $618,558; 2016 - $21,442	$640,000	$0	$0	$0	$160,000	$0	$0	$800,000
SRTA	442400	SHORT RANGE TRANSIT PLANNING	2015 - $96,000	$96,000	$0	$0	$0	$0	$0	$24,000	$120,000
SRTA	114220	Transit Enhancement	2015 - $8,000	$8,000	$2,000	$0	$0	$0	$0	$0	$10,000
SRTA		Rehab/Renovation: Surveillance/Security	2015 - $80,000	$80,000	$20,000	$0	$0	$0	$0	$0	$100,000
SRTA	111215	BUY REPLACEMENT VAN (1)	2015 - $45,600	$45,600	$11,400	$0	$0	$0	$0	$0	$57,000
SRTA	114220	ACQUIRE - MISC SUPPORT EQUIPMENT	2015 - $8,000	$8,000	$2,000	$0	$0	$0	$0	$0	$10,000
SRTA	112120	ENG/DESIGN - ITS	2015 - $638,040	$638,040	$159,510	$0	$0	$0	$0	$0	$797,550
SRTA	114211	ACQUIRE - SUPPORT VEHICLES	2016 - $28,000	$28,000	$7,000	$0	$0	$0	$0	$0	$35,000
WRTA	117C00	NON FIXED ROUTE ADA PARA SERV		$938,749	$0	$0	$0	$234,687	$0	$0	$1,173,436
WRTA		Preventive Maintenance	2017 - $4,188,902	$4,188,902	$0	$0	$0	$1,047,226	$0	$0	$5,236,128
WRTA		Project Administration	2017 - $55,687	$55,687	$0	$0	$0	$13,922	$0	$0	$69,609
WRTA		Transportation Planning	2017 - $428,768	$428,768	$0	$0	$0	$107,192	$0	$0	$535,960
WRTA		Purchase - Support Vehicle		$92,000	$23,000	$0	$0	$0	$0	$0	$115,000
WRTA		Spare Parts / Associated Capital Maintenance		$237,972	$59,493	$0	$0	$0	$0	$0	$297,465
WRTA		Computer Technologies - Software		$82,412	$20,603	$0	$0	$0	$0	$0	$103,015
WRTA		Computer Technologies - Hardware		$377,928	$94,482	$0	$0	$0	$0	$0	$472,410
WRTA		Enhancements - Shelters		$30,000	$7,500	$0	$0	$0	$0	$0	$37,500
WRTA		Enhancements - Signage		$20,000	$5,000	$0	$0	$0	$0	$0	$25,000
WRTA	113401	REHAB/RENOVATE - BUS TERMINAL		$40,000	$10,000	$0	$0	$0	$0	$0	$50,000
WRTA	114303	CONSTRUCT - ADMIN/MAINT FACILITY		$3,168,218	$0	$0	$0	$0	$633,644	$0	$3,168,218

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	2017 - $4,633,000	$4,633,000	$0	$0	$0	$1,158,250	$0	$0	$5,791,250
PVTA	117C00	ADA Operating Projects	2017 - $1,231,541	$1,231,541	$0	$0	$0	$307,885	$0	$0	$1,539,426
PVTA	442301	Planning	2017 - $221,400	$221,400	$0	$0	$0	$55,350	$0	$0	$276,750
PVTA	114406	Rehab/Renovation: Shop Equipment	2017 - $600,000	$600,000	$150,000	$0	$0	$0	$0	$0	$750,000
PVTA	119302	Transit Enhancements: Shelters	2017 - $60,000	$60,000	$15,000	$0	$0	$0	$0	$0	$75,000
PVTA	119308	Transit Enhancements: Signs/Lighting	2017 - $12,000	$12,000	$3,000	$0	$0	$0	$0	$0	$15,000
PVTA	114211	ACQUIRE - SUPPORT VEHICLES, (5)	2017 - $336,000	$336,000	$84,000	$0	$0	$0	$0	$0	$420,000
PVTA	114402	REHAB/RENOVATE - Environmental Compliance	2017 - $60,000	$60,000	$15,000	$0	$0	$0	$0	$0	$75,000
PVTA	119306	CONSTRUCT BICYCLE ACCESS, FACIL & EQUIP ON BUSES	2017 - $4,000	$4,000	$1,000	$0	$0	$0	$0	$0	$5,000
BAT	114220	ACQUIRE - MISC SUPPORT EQUIPMENT	2016 - $80,000	$80,000	$20,000	$0	$0	$0	$0	$0	$100,000
BAT	111240	BUY ASSOC CAP MAINT ITEMS	2016 - $96,000	$96,000	$24,000	$0	$0	$0	$0	$0	$120,000
BAT	114410	REHAB/RENOVATE - MOBILE FARE COLL EQUIP	2016 - $400,000	$400,000	$100,000	$0	$0	$0	$0	$0	$500,000
BAT	300900	Operating/PM/ADA	2016 - $65,718; 2017 - $2,134,282	$2,200,000	$0	$0	$0	$0	$0	$2,200,000	$4,400,000
BAT	111201	BUY REPLACEMENT 40-FT BUS (4)	2016 - $410,000	$410,000	$1,640,000	$0	$0	$0	$0	$0	$2,050,000
MART	113209	ACQUIRE - BUS ROUTE SIGNING		$600,000	$150,000	$0	$0	$0	$0	$0	$750,000
MART	129405	REHAB/RENOV PED ACCESS / WALKWAYS		$140,000	$35,000	$0	$0	$0	$0	$0	$175,000
MBTA	117A00	PREVENTIVE MAINTENANCE		$12,000,000	$0	$0	$0	$0	$0	$3,000,000	$15,000,000
MBTA	119400	Systems Upgrades		$58,685,516	$0	$0	$0	$0	$0	$14,671,379	$73,356,895
MWRTA	113403	TERMINAL, INTERMODAL (TRANSIT)	2017 - $150,000	$150,000	$37,500	$0	$0	$0	$0	$0	$187,500
MWRTA	117C00	NON FIXED ROUTE ADA PARA SERV	2017 - $1,300,000	$1,300,000	$0	$0	$0	$325,000	$0	$0	$1,625,000
MWRTA	114200	ACQUISITION OF BUS SUPPORT EQUIP/FACILITIES	2017 - $248,415	$248,415	$62,104	$0	$0	$0	$0	$0	$310,519
MWRTA	440000	Mobility Management	2017 - $25,000	$25,000	$6,250	$0	$0	$0	$0	$0	$31,250
MVRTA	113403	State of Good Repair Gaateway Parking		$16,000	$4,000	$0	$0	$0	$0	$0	$20,000
MVRTA	111202	Replace 6 Model Yr 2004 buses delivery 2018	2017 - $2,180,605	$2,180,605	$545,150	$0	$0	$0	$0	$0	$2,725,755
LRTA	114220	Terminal& Building Equipment and Maintenance	2017 - $50,000	$50,000	$50,000	$0	$0	$0	$0	$0	$100,000
MART	114403	REHAB/RENOVATE - ADMIN/MAINT FACILITY		$160,000	$40,000	$0	$0	$0	$0	$0	$200,000
MART	111215	BUY REPLACEMENT VAN (8)		$307,200	$76,800	$0	$0	$0	$0	$0	$384,000
MART	117C00	NON FIXED ROUTE ADA PARA SERV		$300,000	$0	$0	$0	$75,000	$0	$0	$375,000
MART	117A00	PREVENTIVE MAINTENANCE		$200,000	$0	$0	$0	$50,000	$0	$0	$250,000
MART	300901	UP TO 50% FEDERAL SHARE		$1,500,000	$0	$0	$0	$1,500,000	$0	$0	$3,000,000
CATA	113410	REHAB- SHELTERS Railroad, P&R, Emerson Ave	2016 - $33,600	$33,600	$8,400	$0	$0	$0	$0	$0	$42,000
CATA	113310	CONSTRUCT - BUS SHELTER-CATA HUB/COA	2016 - $14,400	$14,400	$3,600	$0	$0	$0	$0	$0	$18,000
CATA	113410	REHAB/RENOVATE - BUS PASSENGER SHELTERS	2017 - $9,600	$9,600	$2,400	$0	$0	$0	$0	$0	$12,000
MVRTA	114211	Replace 1 Model Yr 2013 Support Vehicle		$38,200	$9,550	$0	$0	$0	$0	$0	$47,750
LRTA	113411	Rehab Intermodal Hub repair/replace cross walks, tactiles and curbing		$250,000	$250,000	$0	$0	$0	$0	$0	$500,000
PVTA	114220	Misc. Communications Systems and ITS	2017 - $3,351,565	$3,351,565	$837,891	$0	$0	$0	$0	$0	$4,189,456
PVTA	114402	Rehab/Renovations: Northampton	2017 - $260,000	$260,000	$65,000	$0	$0	$0	$0	$0	$325,000
PVTA	114402	Rehab UMass Maint Facility	2017 - $80,000	$80,000	$100,000	$0	$0	$0	$0	$0	$180,000
BAT	111202	BUY REPLACEMENT 35-FT BUS	2016 - $600,000	$600,000	$2,400,000	$0	$0	$0	$0	$0	$3,000,000
BAT	119202	PURCHASE BUS SHELTERS	2016 - $32,000	$32,000	$8,000	$0	$0	$0	$0	$0	$40,000
BAT	114211	ACQUIRE - SUPPORT VEHICLES	2016 - $76,000	$76,000	$19,000	$0	$0	$0	$0	$0	$95,000
PVTA	114411	Purchase - Replacement: Supervisory Vehicles (4)	2017 - $96,000	$96,000	$24,000	$0	$0	$0	$0	$0	$120,000
BAT	111302	BUY 35-FT BUS FOR EXPANSION (2)	2016 - $266,000	$266,000	$1,064,000	$0	$0	$0	$0	$0	$1,330,000
BAT	111700	VEH OVERHAUL (UP TO 20% VEH MAINT) (4)	2016 - $140,000	$140,000	$560,000	$0	$0	$0	$0	$0	$700,000
BAT	114406	REHAB/RENOVATE - SHOP EQUIPMENT Waste Oil Heater	2016 - $12,000	$12,000	$3,000	$0	$0	$0	$0	$0	$15,000
BAT	114402	REHAB/RENOVATE - MAINTENANCE FACILITY Windows	2016 - $60,000	$60,000	$15,000	$0	$0	$0	$0	$0	$75,000

Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	RTACAP	MAP	ICB	SCA	TDC	Local Funds	Total Cost
BAT	113401	REHAB/RENOVATE - BUS TERMINAL - Pavement Mgmt.	2016 - $40,000	$40,000	$10,000	$0	$0	$0	$0	$0	$50,000
GATRA	111203	BUY REPLACEMENT 30-FT BUS - 2	2017 - $768,000	$768,000	$192,000	$0	$0	$0	$0	$0	$960,000
MART	114220	ACQUIRE - MISC SUPPORT EQUIPMENT		$40,000	$10,000	$0	$0	$0	$0	$0	$50,000
PVTA	111216	Purchase - Replacement: Vans (13)	2017 - $694,821	$694,821	$173,706	$0	$0	$0	$0	$0	$868,527
CCRTA	117000	OTHER CAPITAL ITEMS (BUS)	2017 - $520,000	$520,000	$130,000	$0	$0	$0	$0	$0	$650,000
SRTA	111202	BUY REPLACEMENT 35-FT BUS	2016 - $13,605	$13,605	$10,884	$0	$0	$0	$0	$0	$24,489
			Subtotal	**$134,288,901**	**$9,944,983**	**$0**	**$0**	**$20,066,824**	**$633,644**	**$22,765,011**	**$187,065,719**
5309											
MBTA	132303	GREEN LINE EXTENSION PROJECT-EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR		$150,000,000	$0	$0	$0	$0	$0	$195,558,000	$345,558,000
			Subtotal	**$150,000,000**	**$0**	**$0**	**$0**	**$0**	**$0**	**$195,558,000**	**$345,558,000**
5310											
MassDOT	111200	Mobility Assistance Program		$5,197,746	$0	$4,064,000	$0	$0	$0	$0	$9,261,746
			Subtotal	**$5,197,746**	**$0**	**$4,064,000**	**$0**	**$0**	**$0**	**$0**	**$9,261,746**
5311											
FRTA	300900	OPERATING ASSISTANCE	2017 - $1,126,321	$1,126,321	$0	$0	$0	$775,233	$0	$351,088	$2,252,642
VTA	300901	UP TO 50% FEDERAL SHARE	2017 - $872,933	$872,933	$0	$0	$0	$872,933	$0	$0	$1,745,866
NRTA	300900	OPERATING ASSISTANCE	2017 - $549,043	$549,043	$0	$0	$0	$394,651	$0	$154,392	$1,098,086
MassDOT	300900	Rural Formula		$3,749,029	$0	$0	$0	$0	$0	$3,749,029	$7,498,058
			Subtotal	**$6,297,326**	**$0**	**$0**	**$0**	**$2,042,817**	**$0**	**$4,254,509**	**$12,594,652**
5337											
WRTA	113403	TERMINAL, INTERMODAL (TRANSIT)		$2,421,222	$0	$0	$0	$0	$0	$605,306	$3,026,528
MBTA	122404	Bridge & Tunnel Program		$60,000,000	$0	$0	$0	$0	$0	$15,000,000	$75,000,000
MBTA	119400	Systems Upgrades		$61,190,546	$0	$0	$0	$0	$0	$15,297,637	$76,488,183
			Subtotal	**$123,611,768**	**$0**	**$0**	**$0**	**$0**	**$0**	**$30,902,943**	**$154,514,711**
5339											
CCRTA	113400	REHAB/RENOVATE BUS STATIONS	2017 - $152,000	$152,000	$38,000	$0	$0	$0	$0	$0	$190,000
CCRTA	119302	CONSTRUCTION - BUS SHELTERS	2017 - $52,800	$52,800	$13,200	$0	$0	$0	$0	$0	$66,000
GATRA	111204	BUY REPLACEMENT <30 FT BUS - 4	2017 - $24,809	$260,000	$0	$0	$0	$0	$0	$65,000	$325,000
SRTA	111202	BUY REPLACEMENT 35-FT BUS (5)	2015 - $128,194; 2016 - $139,482; 2017 - $141,574	$409,250	$1,691,420	$0	$0	$0	$0	$0	$2,100,670
WRTA	114303	CONSTRUCT - ADMIN/MAINT FACILITY		$527,782	$0	$0	$0	$0	$105,556	$0	$527,782
MBTA	119400	Systems Upgrades		$5,287,027	$0	$0	$0	$0	$0	$1,321,757	$6,608,784
PVTA	111215	BUY REPLACEMENT VAN (16)	2017 - $837,347	$837,347	$209,337	$0	$0	$0	$0	$0	$1,046,684
CCRTA	114211	ACQUIRE - SUPPORT VEHICLES	2016 - $53,651	$53,651	$13,413	$0	$0	$0	$0	$0	$67,064
CCRTA	114209	ACQUIRE - MOBILE SURV/SECURITY EQUIP	2016 - $193,600	$193,600	$48,400	$0	$0	$0	$0	$0	$242,000
MassDOT	111200	Bus and Bus Facilities		$2,249,156	$0	$0	$0	$0	$0	$562,289	$2,811,445
			Subtotal	**$10,022,613**	**$2,013,770**	**$0**	**$0**	**$0**	**$105,556**	**$1,949,046**	**$13,985,429**
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	111209	BUY REPLACEMENT TROLLEY BUS (2)		$0	$900,000	$0	$0	$0	$0	$0	$900,000
FRTA	113403	Rehab/Renovation: Terminal, Intermodal		$0	$200,000	$0	$0	$0	$0	$0	$200,000
FRTA	116402	Rehab/Renovation: Communications Systems		$0	$20,000	$0	$0	$0	$0	$0	$20,000
FRTA	114409	Rehab/Renovation: Surveillance/Security		$0	$75,000	$0	$0	$0	$0	$0	$75,000
FRTA	114406	Rehab/Renovation: Shop Equipment		$0	$10,000	$0	$0	$0	$0	$0	$10,000
FRTA	114403	Rehab/Renovation: Admin/Maint Facility		$0	$25,000	$0	$0	$0	$0	$0	$25,000
FRTA	111203	BUY REPLACEMENT 30-FT BUS		$0	$870,000	$0	$0	$0	$0	$0	$870,000
FRTA	114220	ACQUIRE - MISC SUPPORT EQUIPMENT		$0	$16,000	$0	$0	$0	$0	$0	$16,000
LRTA	111240	BUY ASSOC CAP MAINT ITEMS (IT EQUIPMENT)		$0	$10,000	$0	$0	$0	$0	$0	$10,000
LRTA	111240	BUY ASSOC CAP MAINT ITEMS		$0	$50,000	$0	$0	$0	$0	$0	$50,000
LRTA	111400	Replace Batteries for Hybrid/Electric Buses		$0	$95,000	$0	$0	$0	$0	$0	$95,000
VTA	111215	BUY REPLACEMENT VAN (2)		$0	$60,000	$0	$0	$0	$0	$0	$60,000

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Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	RTACAP	MAP	ICB	SCA	TDC	Local Funds	Total Cost
VTA	114220	ACQUIRE - MISC SUPPORT EQUIPMENT		$0	$50,000	$0	$0	$0	$0	$0	$50,000
VTA	114206	ACQUIRE - SHOP EQUIPMENT		$0	$50,000	$0	$0	$0	$0	$0	$50,000
VTA	111403	Rehab/Rebuild: Buses		$0	$100,000	$0	$0	$0	$0	$0	$100,000
VTA	111203	BUY REPLACEMENT 30-FT BUS (1)		$0	$410,000	$0	$0	$0	$0	$0	$410,000
VTA	111202	BUY REPLACEMENT 35-FT BUS (3)		$0	$1,275,000	$0	$0	$0	$0	$0	$1,275,000
VTA	113401	REHAB/RENOVATE - BUS TERMINAL		$0	$100,000	$0	$0	$0	$0	$0	$100,000
NRTA	116403	REHAB/RENOV RADIOS		$0	$4,000	$0	$0	$0	$0	$0	$4,000
NRTA	114306	CONSTRUCT - SHOP EQUIPMENT		$0	$15,000	$0	$0	$0	$0	$0	$15,000
BAT	111204	BUY REPLACEMENT <30 FT BUS (7)		$0	$0	$0	$0	$0	$0	$515,000	$515,000
BAT	111215	BUY REPLACEMENT VAN COA (3)		$0	$0	$0	$0	$0	$0	$195,000	$195,000
BAT	300900	OPERATING ASSISTANCE - Rockland Service		$0	$0	$0	$0	$50,000	$0	$50,000	$100,000
BAT	300900	OPERATING ASSISTANCE - Avon-Stoughton		$0	$0	$0	$0	$28,000	$0	$28,000	$56,000
BAT	300900	OPERATING ASSISTANCE - Saturday Evening Service		$0	$0	$0	$0	$75,000	$0	$75,000	$150,000
BAT	300900	OPERATING ASSISTANCE - Sunday Service		$0	$0	$0	$0	$175,000	$0	$175,000	$350,000
NRTA	1000002	PREVENTIVE MAINTENANCE		$0	$10,000	$0	$0	$0	$0	$0	$10,000
NRTA	114403	REHAB/RENOVATE - ADMIN/MAINT FACILITY		$0	$250,000	$0	$0	$0	$0	$0	$250,000
NRTA	111204	BUY REPLACEMENT <30 FT BUS		$0	$250,000	$0	$0	$0	$0	$0	$250,000
NRTA	114410	REHAB/RENOVATE - MOBILE FARE COLL EQUIP		$0	$75,000	$0	$0	$0	$0	$0	$75,000
PVTA	111204	BUY REPLACEMENT <30 FT BUS (3)		$0	$270,000	$0	$0	$0	$0	$0	$270,000
PVTA	114302	CONSTUCT: MAINT FACILITY, Spfld.O&M, Yr 4		$0	$38,500,000	$0	$0	$0	$0	$0	$38,500,000
PVTA	114402	REHAB/RENOVATE - MAINTENANCE FACILITY, SATCO		$0	$750,000	$0	$0	$0	$0	$0	$750,000
VTA	113310	CONSTRUCT - BUS PASSENGER SHELTERS		$0	$50,000	$0	$0	$0	$0	$0	$50,000
NRTA	114420	REHAB/RENOVATE - MISC SUPPORT EQUIPMENT		$0	$60,000	$0	$0	$0	$0	$0	$60,000
NRTA	113210	ACQUIRE - BUS PASSENGER SHELTERS		$0	$10,000	$0	$0	$0	$0	$0	$10,000
NRTA	995000	TRAVELER INFORMATION		$0	$23,000	$0	$0	$0	$0	$0	$23,000
GATRA	114302	CONSTRUCT - EAST MAINTENANCE FACILITY Year 1		$0	$2,000,000	$0	$0	$0	$0	$0	$2,000,000
VTA	111215	BUY REPLACEMENT VAN		$0	$170,000	$0	$0	$0	$0	$0	$170,000
FRTA	114102	ENG/DESIGN - MAINT FACILITY		$0	$1,000,000	$0	$0	$0	$0	$0	$1,000,000
MWRTA	113300	CONSTRUCTION OF BUS STATIONS/TERMINALS		$0	$1,000,000	$0	$0	$0	$0	$0	$1,000,000
MWRTA	115320	CONSTRUCT MISC ELEC/POWER EQUIP		$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
MassDOT	900000	Transit Technical Assistance		$0	$2,325,606	$0	$0	$0	$0	$0	$2,325,606
			Subtotal	**$0**	**$54,328,606**	**$0**	**$0**	**$328,000**	**$0**	**$1,038,000**	**$55,694,606**
			Total	$429,418,354	$66,287,359	$4,064,000	$0	$22,437,641	$739,200	$256,467,509	$778,674,863

Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	RTACAP	MAP	ICB	SCA	TDC	Local Funds	Total Cost
5307											
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	114400	REHAB/RENOVATE BUS SUPPORT FACIL/EQUIP		$920,000	$230,000	$0	$0	$0	$0	$0	$1,150,000
BRTA	111203	BUY REPLACEMENT 30-FT BUS		$538,136	$134,534	$0	$0	$0	$0	$0	$672,670
BRTA	114211	ACQUIRE - SUPPORT VEHICLES		$88,000	$22,000	$0	$0	$0	$0	$0	$110,000
CATA	117A00	PREVENTIVE MAINTENANCE	2018 - $350,000	$350,000	$0	$0	$0	$0	$0	$87,500	$437,500
CATA	114206	ACQUIRE - SHOP EQ/COMPUTER/SFTWR	2018 - $44,000	$44,000	$11,000	$0	$0	$0	$0	$0	$55,000
CATA	114220	ACQUIRE - MISC SUPPORT EQUIPMENT	2018 - $30,055	$30,055	$7,514	$0	$0	$0	$0	$0	$37,569
CCRTA	300900	OPERATING ASSISTANCE	2018 - $600,000	$600,000	$0	$0	$0	$600,000	$0	$0	$1,200,000
CCRTA	117C00	NON FIXED ROUTE ADA PARA SERV	2018 - $542,769	$542,769	$0	$0	$0	$135,692	$0	$0	$678,461
CCRTA	117A00	PREVENTIVE MAINTENANCE	2018 - $5,361,677	$5,361,677	$0	$0	$0	$1,340,419	$0	$0	$6,702,096
CCRTA	117L00	MOBILITY MANAGEMENT	2018 - $1,231,001	$1,231,001	$0	$0	$0	$307,750	$0	$0	$1,538,751
CCRTA	114200	ACQUISITION OF BUS SUPPORT EQUIP/FACILITIES	2018 - $56,516	$56,516	$14,129	$0	$0	$0	$0	$0	$70,645
CCRTA	114207	ACQUIRE - ADP HARDWARE	2018 - $23,765	$23,765	$5,941	$0	$0	$0	$0	$0	$29,706
GATRA	111215	BUY REPLACEMENT VAN - 6		$380,000	$0	$0	$0	$0	$0	$95,000	$475,000
GATRA	119203	PURCHASE LANDSCAPING / SCENIC BEAUTIFICATION	2018 - $32,000	$32,000	$8,000	$0	$0	$0	$0	$0	$40,000
GATRA	114220	ACQUIRE - MISC SUPPORT EQUIPMENT	2018 - $60,000	$60,000	$15,000	$0	$0	$0	$0	$0	$75,000
GATRA	117C00	NON FIXED ROUTE ADA PARA SERV	2018 - $443,044	$1,000,000	$0	$0	$0	$250,000	$0	$0	$1,250,000
GATRA	117A00	PREVENTIVE MAINTENANCE	2018 - $2,019,061	$2,800,000	$0	$0	$0	$700,000	$0	$0	$3,500,000
GATRA	300901	OPERATING ASSISTANCE		$500,000	$0	$0	$0	$500,000	$0	$0	$1,000,000
GATRA	442400	SHORT RANGE TRANSIT PLANNING	2018 - $80,000	$80,000	$0	$0	$0	$20,000	$0	$0	$100,000
GATRA	111303	BUY 30-FT BUS FOR EXPANSION - 2	2018 - $800,000	$800,000	$200,000	$0	$0	$0	$0	$0	$1,000,000
GATRA	111204	BUY REPLACEMENT <30 FT BUS - 3	2018 - $180,000	$180,000	$0	$0	$0	$0	$0	$45,000	$225,000
LRTA	300901	OPERATING ASSISTANCE 2019	2017 - $1,041,702; 2018 - $188,825	$1,480,527	$0	$0	$0	$3,457,328	$0	$2,733,810	$7,671,665
LRTA	117A00	PREVENTIVE MAINTENANCE 2019	2018 - $968,254	$1,348,050	$0	$0	$0	$337,013	$0	$0	$1,685,063
LRTA	442400	SHORT RANGE TRANSIT PLANNING 2019	2018 - $80,000	$80,000	$0	$0	$0	$0	$0	$20,000	$100,000
LRTA	111240	BUY CAPITAL SPARE PARTS 2019	2018 - $80,000	$80,000	$20,000	$0	$0	$0	$0	$0	$100,000
LRTA	114211	ACQUIRE - ADMINISTRATIVE SUPPORT VEHICLE	2018 - $28,000	$28,000	$7,000	$0	$0	$0	$0	$0	$35,000
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		$765,610	$0	$0	$0	$765,610	$0	$0	$1,531,220
SRTA	117A00	PREVENTIVE MAINTENANCE	2016 - $640,000	$640,000	$160,000	$0	$0	$0	$0	$0	$800,000
SRTA	442400	SHORT RANGE TRANSIT PLANNING	2016 - $96,000	$96,000	$0	$0	$0	$0	$0	$24,000	$120,000
SRTA	300901	UP TO 50% FEDERAL SHARE	2018 - $5,380,765	$5,380,765	$0	$0	$0	$5,941,233	$0	$0	$11,321,998
SRTA	114220	ACQUIRE - MISC SUPPORT EQUIPMENT	2016 - $8,000	$8,000	$2,000	$0	$0	$0	$0	$0	$10,000
SRTA	111202	BUY REPLACEMENT 35-FT BUS (5)	2016 - $354,212; 2018 - $68,643	$422,855	$1,014,672	$0	$0	$0	$0	$676,748	$2,114,275
SRTA	300900	ADA Assistance	2016 - $160,000	$160,000	$0	$0	$0	$40,000	$0	$0	$200,000
SRTA	114220	ACQUIRE - Transit Enhancements	2016 - $8,000	$8,000	$2,000	$0	$0	$0	$0	$0	$10,000
SRTA	111215	BUY REPLACEMENT VAN	2016 - $45,600	$45,600	$11,400	$0	$0	$0	$0	$0	$57,000
SRTA	112120	ENG/DESIGN - ITS	2017 - $623,053; 2018 - $14,987	$638,040	$159,510	$0	$0	$0	$0	$0	$797,550
SRTA	114211	ACQUIRE - SUPPORT VEHICLES	2017 - $28,000	$28,000	$7,000	$0	$0	$0	$0	$0	$35,000
SRTA	114409	REHAB/RENOVATE - MOBILE SURVEILL/SECURITY EQUIP	2018 - $80,000	$80,000	$20,000	$0	$0	$0	$0	$0	$100,000
WRTA	117A00	PREVENTIVE MAINTENANCE	2018 - $3,905,145	$3,905,145	$0	$0	$0	$976,286	$0	$0	$4,881,431
WRTA	117900	PROJECT ADMINISTRATION	2018 - $56,801	$56,801	$0	$0	$0	$14,200	$0	$0	$71,001
WRTA	117C00	NON FIXED ROUTE ADA PARA SERV		$948,137	$0	$0	$0	$237,034	$0	$0	$1,185,171
WRTA	442400	SHORT RANGE TRANSIT PLANNING	2018 - $437,343	$437,343	$0	$0	$0	$109,336	$0	$0	$546,679
WRTA	114211	ACQUIRE - SUPPORT VEHICLES		$68,000	$17,000	$0	$0	$0	$0	$0	$85,000

Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	RTACAP	MAP	ICB	SCA	TDC	Local Funds	Total Cost
WRTA	111240	BUY ASSOC CAP MAINT ITEMS		$276,551	$69,138	$0	$0	$0	$0	$0	$345,689
WRTA	114207	ACQUIRE - ADP HARDWARE		$622,869	$155,717	$0	$0	$0	$0	$0	$778,586
WRTA	114208	ACQUIRE - ADP SOFTWARE		$242,412	$60,603	$0	$0	$0	$0	$0	$303,015
WRTA	119202	PURCHASE BUS SHELTERS		$30,000	$7,500	$0	$0	$0	$0	$0	$37,500
WRTA	119208	PURCHASE SIGNAGE		$20,000	$5,000	$0	$0	$0	$0	$0	$25,000
WRTA	113401	REHAB/RENOVATE - BUS TERMINAL		$40,000	$10,000	$0	$0	$0	$0	$0	$50,000
WRTA	114303	CONSTRUCT - ADMIN/MAINT FACILITY		$3,020,385	$0	$0	$0	$0	$604,077	$0	$3,020,385
WRTA	111215	Miscellaneous Equipment		$89,600	$22,400	$0	$0	$0	$0	$0	$112,000
PVTA	114406	REHAB/RENOVATE - SHOP EQUIPMENT	2018 - $240,000	$240,000	$60,000	$0	$0	$0	$0	$0	$300,000
PVTA	114402	REHAB/RENOVATE - Environmental Compliance	2018 - $120,000	$120,000	$30,000	$0	$0	$0	$0	$0	$150,000
PVTA	119302	CONSTRUCTION - BUS SHELTERS	2018 - $60,000	$60,000	$15,000	$0	$0	$0	$0	$0	$75,000
PVTA	119308	CONSTRUCT SIGNAGE	2018 - $12,000	$12,000	$3,000	$0	$0	$0	$0	$0	$15,000
PVTA	442400	SHORT RANGE TRANSIT PLANNING	2018 - $226,935	$226,935	$0	$0	$0	$56,734	$0	$0	$283,669
PVTA	117C00	NON FIXED ROUTE ADA PARA SERV	2018 - $1,250,014	$1,250,014	$0	$0	$0	$312,504	$0	$0	$1,562,518
PVTA	117A00	PREVENTIVE MAINTENANCE	2018 - $4,748,825	$4,748,825	$0	$0	$0	$1,187,206	$0	$0	$5,936,031
PVTA	114403	REHAB/RENOVATE - Holyoke ADMIN/MAINT FACILITY	2018 - $400,000	$400,000	$100,000	$0	$0	$0	$0	$0	$500,000
BAT	114220	ACQUIRE - MISC SUPPORT EQUIPMENT	2018 - $80,000	$80,000	$20,000	$0	$0	$0	$0	$0	$100,000
BAT	111240	BUY ASSOC CAP MAINT ITEMS	2018 - $120,000	$120,000	$30,000	$0	$0	$0	$0	$0	$150,000
BAT	114211	ACQUIRE - SUPPORT VEHICLES	2018 - $48,000	$48,000	$12,000	$0	$0	$0	$0	$0	$60,000
BAT	111201	BUY REPLACEMENT 40-FT BUS (2)	2017 - $214,000	$214,000	$856,000	$0	$0	$0	$0	$0	$1,070,000
BAT	114409	REHAB/RENOVATE - MOBILE SURVEILL/SECURITY EQUIP	2018 - $280,000	$280,000	$70,000	$0	$0	$0	$0	$0	$350,000
BAT	114220	ACQUIRE - MISC SUPPORT EQUIPMENT	2018 - $320,000	$320,000	$80,000	$0	$0	$0	$0	$0	$400,000
BAT	300900	Operating/PM/ADA	2018 - $2,003,716	$2,400,000	$0	$0	$0	$0	$0	$2,400,000	$4,800,000
BAT	111203	BUY REPLACEMENT 30-FT BUS (4 BSU)	2017 - $297,149; 2018 - $62,851	$360,000	$1,208,967	$0	$0	$0	$0	$0	$1,568,967
MART	114220	ACQUIRE - MISC SUPPORT EQUIPMENT		$160,000	$40,000	$0	$0	$0	$0	$0	$200,000
MART	111215	BUY REPLACEMENT VAN (8)		$400,000	$100,000	$0	$0	$0	$0	$0	$500,000
MBTA	117A00	PREVENTIVE MAINTENANCE		$12,000,000	$0	$0	$0	$0	$0	$3,000,000	$15,000,000
MBTA	119400	Systems Upgrades		$58,685,516	$0	$0	$0	$0	$0	$14,671,379	$73,356,895
MWRTA	113303	TERMINAL, INTERMODAL (TRANSIT): Facil. Improvements	2018 - $150,000	$150,000	$37,500	$0	$0	$0	$0	$0	$187,500
MWRTA	117C00	NON FIXED ROUTE ADA PARA SERV	2018 - $1,300,000	$1,300,000	$0	$0	$0	$325,000	$0	$0	$1,625,000
MWRTA	114200	ACQUISITION OF BUS SUPPORT EQUIP/FACILITIES	2018 - $248,415	$248,415	$62,104	$0	$0	$0	$0	$0	$310,519
MWRTA	440000	Mobility Management	2018 - $25,000	$25,000	$6,250	$0	$0	$0	$0	$0	$31,250
MVRTA	113403	State of Good Repair Gateway Parking		$8,000	$2,000	$0	$0	$0	$0	$0	$10,000
MVRTA	111302	Purchase 3 new 35' buses delivery 2019	2018 - $1,098,685	$1,098,685	$274,670	$0	$0	$0	$0	$0	$1,373,355
LRTA	114220	Terminal& Building Equipment and Maintenance		$40,000	$100,000	$0	$0	$0	$0	$0	$140,000
LRTA	111202	BUY REPLACEMENT 35-FT DIESEL BUSES (9)		$1,017,322	$1,695,536	$0	$0	$0	$0	$1,356,428	$4,069,286
MART	113403	TERMINAL, INTERMODAL (TRANSIT)		$80,000	$20,000	$0	$0	$0	$0	$0	$100,000
MART	117A00	PREVENTIVE MAINTENANCE		$300,000	$0	$0	$0	$75,000	$0	$0	$375,000
MART	117C00	NON FIXED ROUTE ADA PARA SERV		$320,000	$0	$0	$0	$80,000	$0	$0	$400,000
MART	300901	UP TO 50% FEDERAL SHARE		$1,280,000	$0	$0	$0	$1,280,000	$0	$0	$2,560,000
MVRTA	114211	Replace 1 Model Yr 2013 Support Vehicle		$39,200	$9,800	$0	$0	$0	$0	$0	$49,000
SRTA	111340	BUY Hybrid Battery (1)	2018 - $36,800	$36,800	$9,200	$0	$0	$0	$0	$0	$46,000
PVTA	114411	REHAB/RENOVATE - SUPERVISORY VEHICLES (5)	2018 - $96,000	$96,000	$24,000	$0	$0	$0	$0	$0	$120,000
PVTA	116220	PURCHASE MISC COMMUNICATIONS EQUIP, IT systems	2018 - $3,727,971	$3,727,971	$931,993	$0	$0	$0	$0	$0	$4,659,964
PVTA	114402	REHAB/RENOVATE - UMASS MAINTENANCE FACILITY	2018 - $800,000	$800,000	$200,000	$0	$0	$0	$0	$0	$1,000,000
PVTA	114401	REHAB/RENOVATE - ADMINISTRATIVE FACILITY	2018 - $800,000	$800,000	$200,000	$0	$0	$0	$0	$0	$1,000,000
BAT	111202	BUY REPLACEMENT 35-FT BUS (3)	2017 - $400,000	$400,000	$1,066,667	$0	$0	$0	$0	$0	$1,466,667
BAT	111700	VEH OVERHAUL (UP TO 20% VEH MAINT) (5)	2018 - $175,000	$175,000	$700,000	$0	$0	$0	$0	$0	$875,000

2019

Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	RTACAP	MAP	ICB	SCA	TDC	Local Funds	Total Cost
BAT	114409	REHAB/RENOVATE - MOBILE SURVEILL/SECURITY EQUIP	2018 - $32,000	$32,000	$8,000	$0	$0	$0	$0	$0	$40,000
GATRA	111203	BUY REPLACEMENT 30-FT BUS - 3	2018 - $31,070	$1,280,000	$320,000	$0	$0	$0	$0	$0	$1,600,000
MART	111202	BUY REPLACEMENT 35-FT BUS (3)		$875,000	$512,500	$0	$0	$0	$0	$0	$1,387,500
PVTA	111215	BUY REPLACEMENT VAN	2018 - $18,399	$18,399	$7,584	$0	$0	$0	$0	$0	$25,983
CCRTA	117000	OTHER CAPITAL ITEMS (BUS)	2018 - $504,000	$504,000	$126,000	$0	$0	$0	$0	$0	$630,000
			Subtotal	**$137,466,901**	**$11,382,829**	**$0**	**$0**	**$19,989,650**	**$604,077**	**$25,129,865**	**$193,969,245**
5309											
MBTA	132303	GREEN LINE EXTENSION PROJECT-EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR		$150,000,000	$0	$0	$0	$0	$0	$26,196,000	$176,196,000
			Subtotal	**$150,000,000**	**$0**	**$0**	**$0**	**$0**	**$0**	**$26,196,000**	**$176,196,000**
5310											
MassDOT	111200	Mobility Assistance Program		$5,197,746	$0	$4,064,000	$0	$0	$0	$0	$9,261,746
			Subtotal	**$5,197,746**	**$0**	**$4,064,000**	**$0**	**$0**	**$0**	**$0**	**$9,261,746**
5311											
FRTA	300900	OPERATING ASSISTANCE	2018 - $1,165,003	$1,165,003	$0	$0	$0	$1,059,660	$0	$359,865	$2,584,528
NRTA	300900	Rural Operating Assistance	2018 - $554,856	$554,856	$0	$0	$0	$0	$0	$554,856	$1,109,712
MassDOT	300900	Rural Formula		$3,749,029	$0	$0	$0	$0	$0	$3,749,029	$7,498,058
			Subtotal	**$5,468,888**	**$0**	**$0**	**$0**	**$1,059,660**	**$0**	**$4,663,750**	**$11,192,298**
5337											
WRTA	113403	TERMINAL, INTERMODAL (TRANSIT)		$2,445,435	$0	$0	$0	$0	$0	$611,359	$3,056,794
MBTA	112204	Bridge & Tunnel Program		$60,000,000	$0	$0	$0	$0	$0	$15,000,000	$75,000,000
MBTA	119400	Systems Upgrades		$61,190,546	$0	$0	$0	$0	$0	$15,297,637	$76,488,183
			Subtotal	**$123,635,981**	**$0**	**$0**	**$0**	**$0**	**$0**	**$30,908,996**	**$154,544,977**
5339											
CCRTA	113400	REHAB/RENOVATE BUS STATIONS	2018 - $96,000	$96,000	$24,000	$0	$0	$0	$0	$0	$120,000
CCRTA	119302	CONSTRUCTION - BUS SHELTERS	2018 - $51,200	$51,200	$12,800	$0	$0	$0	$0	$0	$64,000
WRTA	114303	CONSTRUCT - ADMIN/MAINT FACILITY		$543,615	$0	$0	$0	$0	$108,723	$0	$543,615
MBTA	119400	Systems Upgrades		$5,287,027	$0	$0	$0	$0	$0	$1,321,757	$6,608,784
PVTA	111215	BUY REPLACEMENT VAN (15)	2018 - $849,907	$849,907	$212,477	$0	$0	$0	$0	$0	$1,062,384
CCRTA	114211	ACQUIRE - SUPPORT VEHICLES	2018 - $99,586	$99,586	$24,896	$0	$0	$0	$0	$0	$124,482
CCRTA	117000	OTHER CAPITAL ITEMS (BUS)	2017 - $112,800	$112,800	$28,200	$0	$0	$0	$0	$0	$141,000
MassDOT	111200	Bus and Bus Facilities		$2,249,156	$0	$0	$0	$0	$0	$562,289	$2,811,445
			Subtotal	**$9,289,291**	**$302,373**	**$0**	**$0**	**$0**	**$108,723**	**$1,884,046**	**$11,475,710**
5320											
			Subtotal	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**
Other Federal											
			Subtotal	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**
Other Non-Federal											
FRTA	111204	BUY REPLACEMENT <30 FT BUS		$0	$600,000	$0	$0	$0	$0	$0	$600,000
FRTA	114220	On board AVL/CAD tablets - 25		$0	$12,500	$0	$0	$0	$0	$0	$12,500
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	$47,500	$0	$0	$0	$0	$0	$47,500
VTA	111202	BUY REPLACEMENT 35-FT BUS (2)		$0	$900,000	$0	$0	$0	$0	$0	$900,000
VTA	114403	REHAB/RENOVATE - ADMIN/MAINT FACILITY		$0	$150,000	$0	$0	$0	$0	$0	$150,000
VTA	114220	ACQUIRE - MISC SUPPORT EQUIPMENT		$0	$75,000	$0	$0	$0	$0	$0	$75,000
VTA	114220	ACQUIRE - MISC SUPPORT EQUIPMENT		$0	$500,000	$0	$0	$0	$0	$0	$500,000
NRTA	114406	REHAB/RENOVATE - SHOP EQUIPMENT		$0	$10,000	$0	$0	$0	$0	$0	$10,000
PVTA	119306	CONSTRUCT BICYCLE ACCESS, FACIL & EQUIP ON BUSES		$0	$5,000	$0	$0	$0	$0	$0	$5,000
BAT	111204	BUY REPLACEMENT <30 FT BUS DAB (7)		$0	$0	$0	$0	$0	$0	$530,000	$530,000
BAT	111215	BUY REPLACEMENT VAN COA (3)		$0	$0	$0	$0	$0	$0	$200,000	$200,000
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	$75,000	$0	$75,000	$150,000

2019

Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	RTACAP	MAP	ICB	SCA	TDC	Local Funds	Total Cost
BAT	300900	OPERATING ASSISTANCE - Sunday Service		$0	$0	$0	$0	$175,000	$0	$175,000	$350,000
NRTA	1000002	PREVENTIVE MAINTENANCE		$0	$10,000	$0	$0	$0	$0	$0	$10,000
NRTA	111204	BUY REPLACEMENT <30 FT BUS		$0	$280,000	$0	$0	$0	$0	$0	$280,000
NRTA	116403	REHAB/RENOV RADIOS		$0	$5,000	$0	$0	$0	$0	$0	$5,000
NRTA	114400	REHAB/RENOVATE BUS SUPPORT FACIL/EQUIP		$0	$50,000	$0	$0	$0	$0	$0	$50,000
NRTA	115404	REHAB/RENOV VEHICLE LOCATOR SYSTEM		$0	$50,000	$0	$0	$0	$0	$0	$50,000
NRTA	114410	REHAB/RENOVATE - MOBILE FARE COLL EQUIP		$0	$75,000	$0	$0	$0	$0	$0	$75,000
PVTA	111206	BUY REPL ARTICULATED BUS (4)		$0	$2,135,672	$0	$0	$0	$0	$0	$2,135,672
PVTA	111201	BUY REPLACEMENT 40-FT BUS (15)		$0	$3,343,720	$0	$0	$0	$0	$0	$3,343,720
PVTA	111301	BUY 40-FT BUS FOR EXPANSION (6)		$0	$3,339,720	$0	$0	$0	$0	$0	$3,339,720
PVTA	111202	BUY REPLACEMENT 35-FT BUS (11)		$0	$2,741,326	$0	$0	$0	$0	$0	$2,741,326
PVTA	114211	ACQUIRE - REPL SUPPORT VEHICLES, (1)		$0	$75,000	$0	$0	$0	$0	$0	$75,000
BAT	111207	BUY REPLACEMENT COMMUTER BUS		$0	$0	$0	$0	$0	$0	$1,800,000	$1,800,000
BAT	114300	CONSTRUCTION OF BUS SUPPORT EQUIP/FACIL		$0	$0	$0	$0	$0	$0	$600,000	$600,000
VTA	113310	CONSTRUCT - BUS PASSENGER SHELTERS		$0	$50,000	$0	$0	$0	$0	$0	$50,000
BAT	300901	UP TO 50% FEDERAL SHARE		$0	$0	$0	$0	$20,000	$0	$20,000	$40,000
NRTA	114420	REHAB/RENOVATE - MISC SUPPORT EQUIPMENT		$0	$60,000	$0	$0	$0	$0	$0	$60,000
NRTA	995000	TRAVELER INFORMATION		$0	$23,000	$0	$0	$0	$0	$0	$23,000
VTA	114403	REHAB/RENOVATE - ADMIN/MAINT FACILITY		$0	$250,000	$0	$0	$0	$0	$0	$250,000
FRTA	114102	ENG/DESIGN - MAINT FACILITY		$0	$951,250	$0	$0	$0	$0	$0	$951,250
PVTA	114302	CONSTUCT: MAINT FACILITY, Spfld.O&M, Yr 5		$0	$2,300,000	$0	$0	$0	$0	$0	$2,300,000
MassDOT	900000	Transit Technical Assistance		$0	$2,350,812	$0	$0	$0	$0	$0	$2,350,812
			Subtotal	**$0**	**$20,400,500**	**$0**	**$0**	**$350,000**	**$0**	**$3,480,000**	**$24,230,500**
			Total	$431,058,807	$32,085,702	$4,064,000	$0	$21,399,310	$712,800	$92,262,657	$580,870,476

Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	RTACAP	MAP	ICB	SCA	TDC	Local Funds	Total Cost
5307											
BRTA	111215	BUY REPLACEMENT VAN		$194,000	$97,000	$0	$0	$0	$0	$0	$291,000
BRTA	111215	BUY REPLACEMENT VAN		$175,000	$87,500	$0	$0	$0	$0	$0	$262,500
BRTA	117A00	PREVENTIVE MAINTENANCE		$75,000	$75,000	$0	$0	$0	$0	$0	$150,000
CATA	117A00	PREVENTIVE MAINTENANCE	2019 - $350,000	$350,000	$0	$0	$0	$0	$0	$87,500	$437,500
CCRTA	117C00	NON FIXED ROUTE ADA PARA SERV	2019 - $553,624	$553,624	$0	$0	$0	$138,406	$0	$0	$692,030
CCRTA	117A00	PREVENTIVE MAINTENANCE	2019 - $5,541,833	$5,541,833	$0	$0	$0	$1,385,458	$0	$0	$6,927,291
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 - $19,200; 2019 - $92,800	$112,000	$28,000	$0	$0	$0	$0	$0	$140,000
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	2019 - $56,000	$56,000	$14,000	$0	$0	$0	$0	$0	$70,000
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	$2,802,155	$7,694,798
LRTA	117A00	PREVENTIVE MAINTENANCE 2020	2018 - $975,261; 2019 - $156,490	$1,381,751	$0	$0	$0	$345,438	$0	$0	$1,727,189
LRTA	442400	SHORT RANGE TRANSIT PLANNING (NMCOG) 2020	2019 - $80,000	$80,000	$0	$0	$0	$0	$0	$20,000	$100,000
LRTA	111240	BUY CAPITAL SPARE PARTS 2020	2019 - $65,000	$65,000	$65,000	$0	$0	$0	$0	$0	$130,000
LRTA	111240	BUY ASSOC CAP MAINT ITEMS (ITS EQUIPMENT) 2020	2019 - $8,000	$8,000	$2,000	$0	$0	$0	$0	$0	$10,000
LRTA	111215	BUY REPLACEMENT FIXED ROUTE VANS (5)	2019 - $237,500	$237,500	$118,750	$0	$0	$0	$0	$118,750	$475,000
LRTA	111202	BUY REPLACEMENT 35-FT BUS (5)	2019 - $178,039	$1,158,750	$579,375	$0	$0	$0	$0	$579,375	$2,317,500
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		$842,170	$0	$0	$0	$842,170	$0	$0	$1,684,340
SRTA	114220	Transit Enhancements	2018 - $8,000	$8,000	$2,000	$0	$0	$0	$0	$0	$10,000
SRTA	113407	REHAB/RENOVATE - BUS SURVEILL/SECURITY SYSTEM	2018 - $80,000	$80,000	$20,000	$0	$0	$0	$0	$0	$100,000
SRTA	442400	SHORT RANGE TRANSIT PLANNING	2018 - $96,000	$96,000	$0	$0	$0	$0	$0	$24,000	$120,000
SRTA	111200	BUY REPLACEMENTS - CAPITOL BUS (7)	2017 - $448,997; 2018 - $143,000	$591,997	$1,183,994	$0	$0	$0	$0	$1,183,994	$2,959,985
SRTA	300901	UP TO 50% FEDERAL SHARE	2019 - $5,380,765	$5,380,765	$0	$0	$0	$5,781,233	$0	$0	$11,161,998
SRTA	300900	ADA Assistance	2018 - $160,000	$160,000	$0	$0	$0	$40,000	$0	$0	$200,000
SRTA	117A00	PREVENTIVE MAINTENANCE	2017 - $506,260; 2018 - $133,740	$640,000	$0	$0	$0	$160,000	$0	$0	$800,000
SRTA	114220	ACQUIRE - MISC SUPPORT EQUIPMENT	2018 - $8,000	$8,000	$2,000	$0	$0	$0	$0	$0	$10,000
SRTA	115204	PURCHASE VEHICLE LOCATOR SYSTEM - ITS	2018 - $638,040	$638,040	$159,510	$0	$0	$0	$0	$0	$797,550
SRTA	114211	ACQUIRE - SUPPORT VEHICLES	2018 - $28,000	$28,000	$3,500	$0	$0	$0	$0	$3,500	$35,000
SRTA	111215	BUY REPLACEMENT VAN	2018 - $145,841	$145,841	$18,230	$0	$0	$0	$0	$18,230	$182,301
WRTA	113401	REHAB/RENOVATE - BUS TERMINAL		$40,000	$10,000	$0	$0	$0	$0	$0	$50,000
WRTA	117A00	PREVENTIVE MAINTENANCE	2019 - $3,983,248	$3,983,248	$0	$0	$0	$995,812	$0	$0	$4,979,060
WRTA	117900	PROJECT ADMINISTRATION	2019 - $57,937	$57,937	$0	$0	$0	$14,484	$0	$0	$72,421
WRTA	117C00	NON FIXED ROUTE ADA PARA SERV		$957,618	$0	$0	$0	$239,404	$0	$0	$1,197,022
WRTA	442400	SHORT RANGE TRANSIT PLANNING	2019 - $446,090	$446,090	$0	$0	$0	$111,522	$0	$0	$557,612
WRTA	111201	BUY REPLACEMENT 40-FT BUS		$1,052,020	$0	$0	$0	$0	$210,404	$0	$1,052,020
WRTA	114211	ACQUIRE - SUPPORT VEHICLES		$26,000	$3,250	$0	$0	$0	$0	$3,250	$32,500
WRTA	114220	ACQUIRE - MISC SUPPORT EQUIPMENT		$71,060	$17,765	$0	$0	$0	$0	$0	$88,825
WRTA	111215	Miscellaneous Equipment		$28,000	$7,000	$0	$0	$0	$0	$0	$35,000
WRTA	111240	BUY ASSOC CAP MAINT ITEMS		$90,765	$22,691	$0	$0	$0	$0	$0	$113,456
WRTA	114206	ACQUIRE - SHOP EQUIPMENT		$20,000	$5,000	$0	$0	$0	$0	$0	$25,000
WRTA	114207	ACQUIRE - ADP HARDWARE		$80,000	$20,000	$0	$0	$0	$0	$0	$100,000

2020

Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	RTACAP	MAP	ICB	SCA	TDC	Local Funds	Total Cost
WRTA	114208	ACQUIRE - ADP SOFTWARE		$80,000	$20,000	$0	$0	$0	$0	$0	$100,000
WRTA	119202	PURCHASE BUS SHELTERS		$30,000	$7,500	$0	$0	$0	$0	$0	$37,500
WRTA	119208	PURCHASE SIGNAGE		$20,000	$5,000	$0	$0	$0	$0	$0	$25,000
PVTA	119202	PURCHASE BUS SHELTERS	2019 - $60,000	$60,000	$15,000	$0	$0	$0	$0	$0	$75,000
PVTA	119208	PURCHASE SIGNAGE	2019 - $12,000	$12,000	$3,000	$0	$0	$0	$0	$0	$15,000
PVTA	119206	PURCHASE BICYCLE ACCESS, FACIL & EQUIP ON BUSES	2019 - $4,000	$4,000	$1,000	$0	$0	$0	$0	$0	$5,000
PVTA	114402	Environmental Compliance	2019 - $60,000	$60,000	$15,000	$0	$0	$0	$0	$0	$75,000
PVTA	442301	LONGTERM TRANS PLAN - SYSTEM LEVEL	2019 - $232,608	$232,608	$0	$0	$0	$58,152	$0	$0	$290,760
PVTA	117C00	NON FIXED ROUTE ADA PARA SERV	2019 - $1,287,796	$1,287,796	$0	$0	$0	$321,949	$0	$0	$1,609,745
PVTA	117A00	PREVENTIVE MAINTENANCE	2019 - $4,867,546	$4,867,546	$0	$0	$0	$1,216,886	$0	$0	$6,084,432
BAT	111240	BUY ASSOC CAP MAINT ITEMS	2019 - $120,000	$120,000	$30,000	$0	$0	$0	$0	$0	$150,000
BAT	114220	ACQUIRE - MISC SUPPORT EQUIPMENT	2019 - $80,000	$80,000	$20,000	$0	$0	$0	$0	$0	$100,000
BAT	114211	ACQUIRE - SUPPORT VEHICLES	2019 - $24,000	$24,000	$6,000	$0	$0	$0	$0	$0	$30,000
BAT	116203	PURCHASE RADIOS	2019 - $72,000	$72,000	$18,000	$0	$0	$0	$0	$0	$90,000
BAT	300900	OPERATING ASSISTANCE	2019 - $1,651,322	$2,500,000	$0	$0	$0	$0	$0	$2,500,000	$5,000,000
BAT	119202	PURCHASE BUS SHELTERS	2019 - $32,000	$32,000	$8,000	$0	$0	$0	$0	$0	$40,000
BAT	111202	BUY REPLACEMENT 35-FT BUS (3)	2019 - $420,000	$420,000	$840,000	$0	$0	$0	$0	$0	$1,260,000
MART	111215	BUY REPLACEMENT VANS (5)		$260,000	$32,500	$0	$0	$0	$0	$32,500	$325,000
MWRTA	114200	ACQUISITION OF BUS SUPPORT EQUIP/FACILITIES	2019 - $248,415	$248,415	$62,104	$0	$0	$0	$0	$0	$310,519
MWRTA	440000	Mobility Management	2019 - $25,000	$25,000	$6,250	$0	$0	$0	$0	$0	$31,250
MWRTA	117C00	NON FIXED ROUTE ADA PARA SERV	2019 - $1,300,000	$1,300,000	$0	$0	$0	$325,000	$0	$0	$1,625,000
MWRTA	113303	TERMINAL, INTERMODAL (TRANSIT)	2019 - $150,000	$150,000	$37,500	$0	$0	$0	$0	$0	$187,500
MVRTA	113403	State of Good Repair Gateway Parking		$8,000	$2,000	$0	$0	$0	$0	$0	$10,000
MVRTA	111202	Replace 3 Model Yr 2007 buses delivery 2020	2019 - $1,165,295	$1,165,295	$145,663	$0	$0	$0	$0	$145,663	$1,456,621
LRTA	114220	Terminal& Building Equipment and Maintenance	2019 - $50,000	$50,000	$50,000	$0	$0	$0	$0	$0	$100,000
MART	119202	PURCHASE BUS SHELTERS		$80,000	$20,000	$0	$0	$0	$0	$0	$100,000
MART	300901	UP TO 50% FEDERAL SHARE		$1,070,000	$0	$0	$0	$1,070,000	$0	$0	$2,140,000
MART	117A00	PREVENTIVE MAINTENANCE		$400,000	$0	$0	$0	$100,000	$0	$0	$500,000
MART	117C00	NON FIXED ROUTE ADA PARA SERV		$330,000	$0	$0	$0	$82,500	$0	$0	$412,500
MART	111203	BUY REPLACEMENT 30-FT BUS (3)		$800,000	$200,000	$0	$0	$0	$0	$0	$1,000,000
CATA	114206	ACQUIRE - SHOP EQ/COMP/SFTWR	2019 - $40,000	$40,000	$10,000	$0	$0	$0	$0	$0	$50,000
CATA	114220	ACQUIRE - MISC SUPPORT EQUIPMENT	2019 - $11,296	$11,296	$2,824	$0	$0	$0	$0	$0	$14,120
MVRTA	111215	Replace 11 Model Yr 2015 vans		$605,570	$75,698	$0	$0	$0	$0	$75,698	$756,966
PVTA	111206	BUY REPL ARTICULATED BUS (8)	2019 - $5,900,587	$5,900,587	$1,449,191	$0	$0	$0	$0	$1,449,191	$8,798,969
PVTA	114411	REHAB/RENOVATE - SUPPORT VEHICLES (2)	2019 - $120,000	$120,000	$30,000	$0	$0	$0	$0	$0	$150,000
PVTA	114406	REHAB/RENOVATE - SHOP EQUIPMENT	2019 - $88,000	$88,000	$22,000	$0	$0	$0	$0	$0	$110,000
BAT	111700	VEH OVERHAUL (UP TO 20% VEH MAINT) (4)	2019 - $140,000	$140,000	$560,000	$0	$0	$0	$0	$0	$700,000
BAT	114405	REHAB/RENOVATE - YARDS AND SHOPS Diesel Fuel Tanks	2019 - $160,000	$160,000	$40,000	$0	$0	$0	$0	$0	$200,000
BAT	114402	REHAB/RENOVATE - MAINTENANCE FACILITY - Roof	2019 - $80,000	$80,000	$20,000	$0	$0	$0	$0	$0	$100,000
MART	114220	ACQUIRE - MISC SUPPORT EQUIPMENT		$48,000	$12,000	$0	$0	$0	$0	$0	$60,000
WRTA	114303	CONSTRUCT - ADMIN/MAINT FACILITY		$2,872,076	$0	$0	$0	$0	$574,415	$0	$2,872,076
PVTA	111215	BUY REPLACEMENT VANS (4)	2019 - $245,423	$245,423	$30,678	$0	$0	$0	$0	$30,678	$306,779
CCRTA	114209	ACQUIRE - MOBILE SURV/SECURITY EQUIP	2019 - $66,133	$66,133	$16,533	$0	$0	$0	$0	$0	$82,666
GATRA	114102	ENG/DESIGN - NORTH MAINT FACILITY	2019 - $480,000	$480,000	$120,000	$0	$0	$0	$0	$0	$600,000
MBTA	119400	Section 5307/5340		$144,557,710	$0	$0	$0	$0	$0	$36,139,428	$180,697,138
			Subtotal	**$209,832,990**	**$6,618,006**	**$0**	**$0**	**$20,030,762**	**$784,819**	**$45,473,912**	**$281,955,670**
5309											

Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	RTACAP	MAP	ICB	SCA	TDC	Local Funds	Total Cost
MBTA	132303	Green Line Extension Project	2019 - $150,000,000	$150,000,000	$0	$0	$0	$0	$0	$100,000,000	$250,000,000
			Subtotal	**$150,000,000**	**$0**	**$0**	**$0**	**$0**	**$0**	**$100,000,000**	**$250,000,000**
5310											
MassDOT	111200	Mobility Assistance Program		$5,197,746	$0	$4,064,000	$0	$0	$0	$0	$9,261,746
			Subtotal	**$5,197,746**	**$0**	**$4,064,000**	**$0**	**$0**	**$0**	**$0**	**$9,261,746**
5311											
MassDOT	300900	Rural Formula		$3,749,029	$0	$0	$0	$0	$0	$3,749,029	$7,498,058
			Subtotal	**$3,749,029**	**$0**	**$0**	**$0**	**$0**	**$0**	**$3,749,029**	**$7,498,058**
5337											
WRTA	113403	TERMINAL, INTERMODAL (TRANSIT)		$2,469,890	$0	$0	$0	$0	$0	$617,472	$3,087,362
MBTA	119400	Section 5337		$145,271,551	$0	$0	$0	$0	$0	$36,317,888	$181,589,439
			Subtotal	**$147,741,441**	**$0**	**$0**	**$0**	**$0**	**$0**	**$36,935,360**	**$184,676,801**
5339											
CCRTA	113400	REHAB/RENOVATE BUS STATIONS	2019 - $516,000	$516,000	$129,000	$0	$0	$0	$0	$0	$645,000
WRTA	114303	CONSTRUCT - ADMIN/MAINT FACILITY		$559,924	$0	$0	$0	$0	$111,985	$0	$559,924
PVTA	111215	BUY REPLACEMENT VAN (16)	2019 - $875,595	$875,595	$109,450	$0	$0	$0	$0	$109,450	$1,094,495
CCRTA	117000	OTHER CAPITAL ITEMS (BUS)	2018 - $422,400	$422,400	$105,600	$0	$0	$0	$0	$0	$528,000
MBTA	119400	Section 5339		$5,799,449	$0	$0	$0	$0	$0	$1,449,862	$7,249,311
MassDOT	111200	Bus and Bus Facilities		$2,249,156	$0	$0	$0	$0	$0	$562,289	$2,811,445
			Subtotal	**$10,422,524**	**$344,050**	**$0**	**$0**	**$0**	**$111,985**	**$2,121,601**	**$12,888,175**
5320											
			Subtotal	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**
Other Federal											
			Subtotal	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**
Other Non-Federal											
FRTA	111202	BUY REPLACEMENT 35-FT BUS		$0	$655,455	$0	$0	$0	$0	$0	$655,455
\	114211	ACQUIRE - SUPPORT VEHICLES		$0	$22,500	$0	$0	$0	$0	$0	$22,500
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
VTA	111202	BUY REPLACEMENT 35-FT BUS (2)		$0	$460,000	$0	$0	$0	$0	$0	$460,000
VTA	114220	ACQUIRE - MISC SUPPORT EQUIPMENT		$0	$100,000	$0	$0	$0	$0	$0	$100,000
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
BAT	300900	OPERATING ASSISTANCE - Rockland		$0	$0	$0	$0	$50,000	$0	$50,000	$100,000
BAT	300900	OPERATING ASSISTANCE - Avon-Stoughton		$0	$0	$0	$0	$30,000	$0	$30,000	$60,000
BAT	300900	OPERATING ASSISTANCE -Saturday Evening Service		$0	$0	$0	$0	$75,000	$0	$75,000	$150,000
BAT	300900	OPERATING ASSISTANCE - Sunday Service		$0	$0	$0	$0	$175,000	$0	$175,000	$350,000
BAT	111204	BUY REPLACEMENT <30 FT BUS (7) Paratransit		$0	$0	$0	$0	$0	$0	$550,000	$550,000
BAT	111215	BUY REPLACEMENT VAN (3)		$0	$0	$0	$0	$0	$0	$210,000	$210,000
NRTA	1000002	PREVENTIVE MAINTENANCE		$0	$10,000	$0	$0	$0	$0	$0	$10,000
NRTA	116403	REHAB/RENOV RADIOS		$0	$0	$0	$0	$5,000	$0	$0	$5,000
NRTA	114409	REHAB/RENOVATE - MOBILE SURVEILL/SECURITY EQUIP		$0	$30,000	$0	$0	$0	$0	$0	$30,000
PVTA	111201	BUY REPLACEMENT 40-FT BUS (5)		$0	$1,433,296	$0	$0	$0	$0	$0	$1,433,296
PVTA	111301	BUY 40-FT BUS FOR EXPANSION (6)		$0	$1,472,280	$0	$0	$0	$0	$0	$1,472,280
VTA	113310	CONSTRUCT - BUS PASSENGER SHELTERS		$0	$50,000	$0	$0	$0	$0	$0	$50,000
NRTA	114420	REHAB/RENOVATE - MISC SUPPORT EQUIPMENT		$0	$60,000	$0	$0	$0	$0	$0	$60,000
NRTA	113210	ACQUIRE - BUS PASSENGER SHELTERS		$0	$10,000	$0	$0	$0	$0	$0	$10,000
NRTA	995000	TRAVELER INFORMATION		$0	$23,000	$0	$0	$0	$0	$0	$23,000
BAT	300901	UP TO 50% FEDERAL SHARE - Easton		$0	$0	$0	$0	$20,000	$0	$20,000	$40,000
NRTA	111204	BUY REPLACEMENT <30 FT BUS		$0	$280,000	$0	$0	$0	$0	$0	$280,000
PVTA	114403	Rehab Northampton Maint Facility		$0	$2,300,000	$0	$0	$0	$0	$0	$2,300,000
MassDOT	900000	Transit Technical Assistance		$0	$2,358,057	$0	$0	$0	$0	$0	$2,358,057
			Subtotal	**$0**	**$9,499,588**	**$0**	**$0**	**$355,000**	**$0**	**$1,110,000**	**$10,964,588**
			Total	$526,943,730	$16,461,644	$4,064,000	$0	$20,385,762	$896,804	$189,389,902	$757,245,038

Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	RTACAP	MAP	ICB	SCA	TDC	Local Funds	Total Cost
5307											
MVRTA	117A00	PREVENTIVE MAINTENANCE		$2,758,415	$0	$0	$0	$689,605	$0	$0	$3,448,020
MVRTA	117C00	NON FIXED ROUTE ADA PARA SERV		$1,236,090	$0	$0	$0	$309,025	$0	$0	$1,545,115
MVRTA	442400	SHORT RANGE TRANSIT PLANNING		$80,000	$0	$0	$0	$0	$0	$20,000	$100,000
MVRTA	111203	Replace 2 Model Yr 2009 buses delivery 2022		$787,855	$98,483	$0	$0	$0	$0	$98,483	$984,821
MVRTA	300901	OPERATING ASSISTANCE 2021		$926,385	$0	$0	$0	$926,385	$0	$0	$1,852,770
MVRTA	111215	Replace 5 Model Yr 2016 vans with new		$283,360	$35,420	$0	$0	$0	$0	$35,420	$354,200
LRTA	114220	Terminal& Building Equipment and Maintenance	2019 - $50,000	$50,000	$50,000	$0	$0	$0	$0	$0	$100,000
LRTA	111215	BUY REPLACEMENT FIXED ROUTE VANs (2)	2019 - $52,500	$52,500	$78,750	$0	$0	$0	$0	$78,750	$210,000
LRTA	111240	BUY CAPITAL SPARE PARTS 2021	2019 - $30,000	$30,000	$100,000	$0	$0	$0	$0	$0	$130,000
LRTA	300901	OPERATING ASSISTANCE 2021	2019 - $1,479,645; 2020 - $720,355	$2,200,000	$0	$0	$0	$2,691,811	$0	$2,956,883	$7,848,694
LRTA	117A00	PREVENTIVE MAINTENANCE 2021	2020 - $659,203	$659,203	$0	$0	$0	$1,102,530	$0	$0	$1,761,733
LRTA	442400	SHORT RANGE TRANSIT PLANNING (NMCOG) 2021	2020 - $88,000	$88,000	$0	$0	$0	$0	$0	$22,000	$110,000
MART	113403	TERMINAL, INTERMODAL (TRANSIT)		$600,000	$150,000	$0	$0	$0	$0	$0	$750,000
MART	117C00	NON FIXED ROUTE ADA PARA SERV		$330,000	$0	$0	$0	$82,500	$0	$0	$412,500
MART	300901	UP TO 50% FEDERAL SHARE		$1,070,000	$0	$0	$0	$1,070,000	$0	$0	$2,140,000
MART	117A00	PREVENTIVE MAINTENANCE		$400,000	$0	$0	$0	$100,000	$0	$0	$500,000
CATA	117A00	PREVENTIVE MAINTENANCE	2020 - $350,000	$350,000	$87,500	$0	$0	$0	$0	$0	$437,500
CATA	114206	ACQUIRE - SHOP EQ/COMP/SFTWR	2020 - $40,000	$40,000	$10,000	$0	$0	$0	$0	$0	$50,000
SRTA	111215	BUY REPLACEMENT VAN	2020 - $48,000	$48,000	$6,000	$0	$0	$0	$0	$6,000	$60,000
SRTA	300901	UP TO 50% FEDERAL SHARE	2020 - $5,380,765	$5,380,765	$0	$0	$0	$5,781,233	$0	$0	$11,161,998
SRTA	300900	ADA OPERATING ASSISTANCE	2020 - $160,000	$160,000	$0	$0	$0	$40,000	$0	$0	$200,000
SRTA	117A00	PREVENTIVE MAINTENANCE	2020 - $640,000	$640,000	$0	$0	$0	$160,000	$0	$0	$800,000
SRTA	442400	SHORT RANGE TRANSIT PLANNING	2020 - $96,000	$96,000	$0	$0	$0	$0	$0	$24,000	$120,000
SRTA	114220	ACQUIRE - MISC SUPPORT EQUIPMENT	2020 - $8,000	$8,000	$2,000	$0	$0	$0	$0	$0	$10,000
SRTA	114220	ACQUIRE - Transit Enhancements	2020 - $8,000	$8,000	$2,000	$0	$0	$0	$0	$0	$10,000
SRTA	114211	ACQUIRE - SUPPORT VEHICLES	2020 - $32,000	$32,000	$4,000	$0	$0	$0	$0	$4,000	$40,000
SRTA	113407	REHAB/RENOVATE - BUS SURVEILL/SECURITY SYSTEM	2020 - $40,000	$40,000	$10,000	$0	$0	$0	$0	$0	$50,000
PVTA	111202	BUY REPLACEMENT 35-FT BUS (14)	2020 - $5,902,440	$5,902,440	$1,140,615	$0	$0	$0	$0	$1,140,615	$8,183,670
PVTA	114411	REHAB/RENOVATE - SUPPORT VEHICLES (2)	2020 - $120,000	$120,000	$30,000	$0	$0	$0	$0	$0	$150,000
PVTA	114411	REHAB/RENOVATE - SUPERVISORY VEHICLES (1)	2020 - $24,000	$24,000	$6,000	$0	$0	$0	$0	$0	$30,000
PVTA	114406	REHAB/RENOVATE - SHOP EQUIPMENT	2020 - $88,000	$88,000	$22,000	$0	$0	$0	$0	$0	$110,000
PVTA	114402	REHAB/RENOVATE - Environmental Compliance	2020 - $60,000	$60,000	$15,000	$0	$0	$0	$0	$0	$75,000
PVTA	119402	BUS SHELTERS	2020 - $60,000	$60,000	$15,000	$0	$0	$0	$0	$0	$75,000
PVTA	119408	REHAB/RENOV SIGNAGE	2020 - $12,000	$12,000	$3,000	$0	$0	$0	$0	$0	$15,000
PVTA	119406	REHAB/RENOV BICYCLE ACCESS, FACIL & EQUIP	2020 - $4,000	$4,000	$1,000	$0	$0	$0	$0	$0	$5,000
PVTA	440000	PLANNING	2020 - $238,424	$238,424	$0	$0	$0	$59,606	$0	$0	$298,030
PVTA	300900	ADA OPERATING ASSISTANCE	2020 - $1,307,113	$1,307,113	$0	$0	$0	$326,778	$0	$0	$1,633,891
PVTA	117A00	PREVENTIVE MAINTENANCE	2020 - $4,989,234	$4,989,234	$0	$0	$0	$1,247,309	$0	$0	$6,236,543
BAT	114220	ACQUIRE - MISC SUPPORT EQUIPMENT	2020 - $80,000	$80,000	$20,000	$0	$0	$0	$0	$0	$100,000
BAT	111240	BUY ASSOC CAP MAINT ITEMS	2020 - $120,000	$120,000	$30,000	$0	$0	$0	$0	$0	$150,000
BAT	114211	ACQUIRE - SUPPORT VEHICLES	2020 - $20,000	$20,000	$5,000	$0	$0	$0	$0	$0	$25,000
BAT	111700	VEH OVERHAUL (UP TO 20% VEH MAINT) (5)	2020 - $456,088	$456,088	$418,912	$0	$0	$0	$0	$0	$875,000
BAT	300901	UP TO 50% FEDERAL SHARE	2020 - $2,015,918	$2,500,000	$0	$0	$0	$0	$0	$2,500,000	$5,000,000
MART	114220	ACQUIRE - MISC SUPPORT EQUIPMENT		$72,000	$18,000	$0	$0	$0	$0	$0	$90,000
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

Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	RTACAP	MAP	ICB	SCA	TDC	Local Funds	Total Cost
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
MART	111215	BUY REPLACEMENT VAN (6)	2020 - $325,000	$325,000	$40,625	$0	$0	$0	$0	$40,625	$406,250
MART	114403	REHAB/RENOVATE - ADMIN/MAINT FACILITY		$400,000	$100,000	$0	$0	$0	$0	$0	$500,000
MART	111209	BUY REPLACEMENT TROLLEY BUS		$400,000	$50,000	$0	$0	$0	$0	$50,000	$500,000
WRTA	117A00	PREVENTIVE MAINTENANCE	2020 - $4,639,623	$4,639,623	$0	$0	$0	$1,159,906	$0	$0	$5,799,529
WRTA	117900	PROJECT ADMINISTRATION	2020 - $59,096	$59,096	$0	$0	$0	$14,774	$0	$0	$73,870
WRTA	117C00	NON FIXED ROUTE ADA PARA SERV		$967,194	$0	$0	$0	$241,799	$0	$0	$1,208,993
WRTA	442400	SHORT RANGE TRANSIT PLANNING	2020 - $455,012	$455,012	$0	$0	$0	$113,753	$0	$0	$568,765
WRTA	111201	BUY REPLACEMENT 40-FT BUS		$4,293,960	$0	$0	$0	$0	$858,792	$0	$4,293,960
WRTA	114211	ACQUIRE - SUPPORT VEHICLES		$26,000	$3,250	$0	$0	$0	$0	$3,250	$32,500
WRTA	111215	BUY REPLACEMENT VAN		$33,600	$8,400	$0	$0	$0	$0	$0	$42,000
WRTA	119202	PURCHASE BUS SHELTERS		$30,000	$7,500	$0	$0	$0	$0	$0	$37,500
WRTA	119208	PURCHASE SIGNAGE		$20,000	$5,000	$0	$0	$0	$0	$0	$25,000
PVTA	111215	BUY REPLACEMENT VAN (4)	2020 - $265,920	$265,920	$32,740	$0	$0	$0	$0	$32,740	$331,400
MWRTA	117C00	NON FIXED ROUTE ADA PARA SERV	2020 - $1,300,000	$1,300,000	$0	$0	$0	$325,000	$0	$0	$1,625,000
MWRTA	113403	TERMINAL, INTERMODAL (TRANSIT)	2020 - $150,000	$150,000	$37,500	$0	$0	$0	$0	$0	$187,500
MWRTA	114200	ACQUISITION OF BUS SUPPORT EQUIP/FACILITIES	2020 - $248,415	$248,415	$62,104	$0	$0	$0	$0	$0	$310,519
CCRTA	117L00	MOBILITY MANAGEMENT	2020 - $1,274,456	$1,274,456	$0	$0	$0	$318,614	$0	$0	$1,593,070
CCRTA	117C00	NON FIXED ROUTE ADA PARA SERV	2020 - $561,928	$561,928	$0	$0	$0	$140,482	$0	$0	$702,410
CCRTA	117A00	PREVENTIVE MAINTENANCE	2020 - $5,624,960	$5,624,960	$0	$0	$0	$1,406,240	$0	$0	$7,031,200
CCRTA	300900	OPERATING ASSISTANCE	2020 - $600,000	$600,000	$0	$0	$0	$600,000	$0	$0	$1,200,000
CCRTA	114207	ACQUIRE - ADP HARDWARE	2019 - $112,000	$112,000	$28,000	$0	$0	$0	$0	$0	$140,000
CCRTA	114209	ACQUIRE - MOBILE SURV/SECURITY EQUIP	2020 - $66,133	$66,133	$16,533	$0	$0	$0	$0	$0	$82,666
CCRTA	119302	CONSTRUCTION - BUS SHELTERS	2020 - $56,000	$56,000	$14,000	$0	$0	$0	$0	$0	$70,000
CCRTA	114220	ACQUIRE - MISC SUPPORT EQUIPMENT	2020 - $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	114403	REHAB/RENOVATE - ADMIN/MAINT FACILITY		$40,000	$10,000	$0	$0	$0	$0	$0	$50,000
SRTA	111202	BUY REPLACEMENT 35-FT BUS	2018 - $70,065; 2019 - $161,228	$231,293	$28,911	$0	$0	$0	$0	$28,912	$289,116
MBTA	119400	Section 5307/5340		$144,557,710	$0	$0	$0	$0	$0	$36,139,428	$180,697,138
			Subtotal	**$207,178,172**	**$2,976,243**	**$0**	**$0**	**$20,377,350**	**$858,792**	**$43,421,106**	**$273,952,871**
5309											
MBTA	132303	Green Line Extension Project		$150,000,000	$0	$0	$0	$0	$0	$100,000,000	$250,000,000
			Subtotal	**$150,000,000**	**$0**	**$0**	**$0**	**$0**	**$0**	**$100,000,000**	**$250,000,000**
5310											
MassDOT	111200	Mobility Assistance Program	2020 - $4,064,000	$5,197,746	$0	$4,064,000	$0	$0	$0	$0	$9,261,746
			Subtotal	**$5,197,746**	**$0**	**$4,064,000**	**$0**	**$0**	**$0**	**$0**	**$9,261,746**
5311											
MassDOT	300900	Rural Formula		$3,749,029	$0	$0	$0	$0	$0	$3,749,029	$7,498,058
			Subtotal	**$3,749,029**	**$0**	**$0**	**$0**	**$0**	**$0**	**$3,749,029**	**$7,498,058**
5337											
WRTA	113403	TERMINAL, INTERMODAL (TRANSIT)		$2,494,589	$0	$0	$0	$0	$0	$623,647	$3,118,236
MBTA	119400	Section 5337		$145,271,551	$0	$0	$0	$0	$0	$36,317,888	$181,589,439
			Subtotal	**$147,766,140**	**$0**	**$0**	**$0**	**$0**	**$0**	**$36,941,535**	**$184,707,675**
5339											
SRTA	111202	BUY REPLACEMENT 35-FT BUS	2018 - $143,698; 2019 - $145,853; 2020 - $148,041	$437,592	$41,095	$0	$0	$0	$0	$79,868	$558,555
WRTA	111201	BUY REPLACEMENT 40-FT BUS		$571,122	$0	$0	$0	$0	$114,224	$0	$571,122
PVTA	111215	BUY REPLACEMENT VAN (16)	2020 - $888,729	$888,729	$111,092	$0	$0	$0	$0	$111,092	$1,110,913
CCRTA	114301	CONSTRUCT - ADMINISTRATIVE BUILDING	2020 - $516,000	$516,000	$129,000	$0	$0	$0	$0	$0	$645,000
MBTA	119400	Section 5339		$5,799,449	$0	$0	$0	$0	$0	$1,449,862	$7,249,311
MassDOT	111200	Bus and Bus Facilities		$2,249,156	$0	$0	$0	$0	$0	$562,289	$2,811,445
			Subtotal	**$10,462,048**	**$281,187**	**$0**	**$0**	**$0**	**$114,224**	**$2,203,111**	**$12,946,346**
5320											

Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	RTACAP	MAP	ICB	SCA	TDC	Local Funds	Total Cost
			Subtotal	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**
Other Federal											
			Subtotal	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**
Other Non-Federal											
LRTA	111240	BUY ASSOC CAP MAINT ITEMS (ITS EQUIPMENT)		$0	$10,000	$0	$0	$0	$0	$0	$10,000
PVTA	111201	BUY REPLACEMENT 40-FT BUS (21)		$0	$3,247,850	$0	$0	$0	$0	$0	$3,247,850
PVTA	116202	Information Technology Systems		$0	$1,694,542	$0	$0	$0	$0	$0	$1,694,542
VTA	113310	CONSTRUCT - BUS PASSENGER SHELTERS		$0	$50,000	$0	$0	$0	$0	$0	$50,000
NRTA	114420	REHAB/RENOVATE - MISC SUPPORT EQUIPMENT		$0	$60,000	$0	$0	$0	$0	$0	$60,000
NRTA	111204	BUY REPLACEMENT <30 FT BUS		$0	$700,000	$0	$0	$0	$0	$0	$700,000
NRTA	1000002	PREVENTIVE MAINTENANCE		$0	$10,000	$0	$0	$0	$0	$0	$10,000
NRTA	116403	REHAB/RENOV RADIOS		$0	$5,000	$0	$0	$0	$0	$0	$5,000
NRTA	995000	TRAVELER INFORMATION		$0	$23,000	$0	$0	$0	$0	$0	$23,000
BAT	300901	UP TO 50% FEDERAL SHARE - Rockland		$0	$0	$0	$0	$50,000	$0	$50,000	$100,000
BAT	300901	UP TO 50% FEDERAL SHARE - Sunday Service		$0	$0	$0	$0	$175,000	$0	$175,000	$350,000
BAT	300901	UP TO 50% FEDERAL SHARE - Avon/Stoughton		$0	$0	$0	$0	$30,000	$30,000	$0	$30,000
BAT	300901	UP TO 50% FEDERAL SHARE - Saturday Evening		$0	$0	$0	$0	$75,000	$0	$75,000	$150,000
BAT	300901	UP TO 50% FEDERAL SHARE- Easton		$0	$0	$0	$0	$20,000	$0	$20,000	$40,000
VTA	111201	BUY REPLACEMENT 40-FT BUS (2)		$0	$500,000	$0	$0	$0	$0	$0	$500,000
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
CCRTA	111202	BUY REPLACEMENT 35-FT BUS		$0	$1,150,000	$0	$0	$0	$0	$0	$1,150,000
BAT	111204	BUY REPLACEMENT <30 FT BUS		$0	$0	$0	$0	$0	$0	$550,000	$550,000
BAT	111204	BUY REPLACEMENT <30 FT BUS		$0	$0	$0	$0	$0	$0	$210,000	$210,000
MassDOT	900000	Transit Technical Assistance		$0	$2,359,919	$0	$0	$0	$0	$0	$2,359,919
			Subtotal	**$0**	**$9,960,311**	**$0**	**$0**	**$350,000**	**$30,000**	**$1,080,000**	**$11,390,311**
			Total	$524,353,135	$13,217,741	$4,064,000	$0	$20,727,350	$1,003,016	$187,394,781	$749,757,007

Appendices

Appendix 1 – Air Quality

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 (CAAA) further classified degrees of nonattainment of the one-hour standard based on the severity of the 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. The attainment date was later extended, first to 2003 and a second time to 2007.

In 1997, the EPA proposed a new, eight-hour ozone standard that replaced the one- hour standard, effective June 15, 2005. Scientific information shows that ozone could affect human health at lower levels, and over longer exposure times than one hour. The new standard was challenged in court, and after a lengthy legal battle, the courts upheld it. It was finalized in June 2004. The eight-hour standard is 0.08 parts per million, 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 the eight-hour values.

Massachusetts as a whole was classified as being in moderate nonattainment for the eight-hour standard, and was separated into two nonattainment areas—Eastern Massachusetts and Western Massachusetts. The Eastern Massachusetts Ozone Nonattainment Area included Barnstable, Bristol, Dukes, Essex, Middlesex, Nantucket, Norfolk, Suffolk, and Worcester counties. Berkshire, Franklin, Hampden, and Hampshire counties comprised the Western Massachusetts Ozone Nonattainment Area. With these classifications, the CAAA required the Commonwealth to reduce its emissions of volatile organic compounds (VOCs) and nitrogen oxides (NOx), the two major precursors to ozone formation to achieve attainment of the ozone standard.

The CAAA also required Metropolitan Planning Organizations (MPOs) within nonattainment areas to perform conformity determinations prior to the approval of their Regional Transportation Plans (RTPs) and Transportation Improvement Programs (TIPs). Periodically, air quality analyses are conducted on all the RTPs to evaluate their air quality impacts on the State Implementation Plan (SIP). The Clean Air Act (CAA) requires states to develop a general plan to attain and maintain the National Ambient Air Quality Standard (NAAQS) in all areas of the country and a specific plan to attain the standards for each area designated nonattainment for NAAQS. These plans, known as State Implementation Plans or SIPs, are developed by state and local air quality management agencies and submitted to EPA for approval. Conformity determinations are then performed to ensure that all regionally significant projects are included in the RTPs and the TIPs, and that they meet the air quality goals established in the SIP. The Federal Highway Administration (FHWA) – in consultation with the Environmental Protection Agency (EPA New England) and the Massachusetts Department of Environmental Protection (DEP) – confirm and approve these conformity determinations (more details and background of major conformity milestones in recent years are provided in each MPO's 2016 Regional Transportation Plan).

Since most all of Massachusetts (with limited exceptions) was designated on May 21, 2012 by EPA as "unclassifiable/attainment" for the latest ozone standard, a conformity determination for the 2017-21 Massachusetts State Transportation Improvement Program is now not required. Further details and background information are as follows:

In April 1996, the communities of Boston, Cambridge, Chelsea, Everett, Malden, Medford, Quincy, Revere, and Somerville were classified as attainment for carbon monoxide (CO). Air quality conformity analysis must still be completed in these communities, as they have a carbon monoxide maintenance plan approved into the SIP. In 2002, the cities of Lowell, Waltham, Worcester and Springfield were re-designated to attainment for carbon monoxide with EPA-approved limited maintenance plans. The year 2010 carbon monoxide motor vehicle emission budget established for the Boston CO attainment area with a maintenance plan is 228.33 tons of carbon monoxide per winter day.

After reviewing data from Massachusetts monitoring stations, EPA sent a letter on December 16, 2011 proposing that only Dukes County would be designated as nonattainment for the new proposed 0.075 ozone standard. Massachusetts concurred with these findings.

On May 21, 2012, the air quality designations areas for the 2008 NAAQS were also published in the Federal Register. In this Federal Register, the only area in Massachusetts that was designated as nonattainment is Dukes County. All other Massachusetts counties were classified as unclassifiable/attainment.

Therefore, conformity for ozone in each of the Massachusetts MPOs was required until July 20, 2013 for only the 1997 ozone standard. Martha's Vineyard (Dukes County), the only Massachusetts region which has remained an ozone non-attainment area under the 2008 NAAQS, it is also classified as an "isolated rural area" and as such, for transportation improvement programs composed entirely of exempt projects (40 CFR 93.126), an air quality conformity analysis and determination is also not required.

Martha's Vineyard / Dukes County has historically programmed – and continues to program – in its TIP only "Exempt" transportation projects as defined in 40 CFR 93.126, so their current FFY 2017-21 Transportation Improvement Program does not require an air quality conformity analysis or determination for the 2008 NAAQS. Nevertheless, the entire list of current projects was reviewed as part of the interagency conformity consultation process, with the interagency group last meeting on March 29, 2016, and reaching a consensus that potential adverse emissions impacts were not associated with any of the subject projects.

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

Appendix 2 – Greenhouse Gas Tracking

Introduction

This section summarizes the greenhouse gas (GHG) impacts anticipated to result from the projects that are included in this FFY 2017 – 2021 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 the DEP issued new regulations that require MPOs to quantify impacts from project investments, track progress towards reductions, and consider impacts in the prioritization of GHG impacts from project investments. The targets for overall statewide GHG emissions are:



The Role of Metropolitan Planning Organizations

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

Project-Level GHG Tracking and Evaluation in the Transportation Improvement Program

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

Calculation of GHG Impacts for TIP Projects

OTP provides the spreadsheets that are used for determining CMAQ eligibility. These spreadsheets have been adapted to provide CO_2 impacts. The data and analysis required for these calculations is available from functional design reports that should be 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 the statewide model or Boston regional model, which reflects either GHG impacts. Therefore, no independent TIP calculations are required.

ntified Decrease in Emissions – For those projects that are expected to luce a measurable decrease in emissions, the approach for calculating e impacts is described below. These projects are categorized in the wing 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 decrease 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 that bus 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 Other Improvement**

ntified Increase in Emissions – Projects expected to produce a surable increase in emissions.

Projects with Assumed Impacts

No Assumed Impact/Negligible Impact on Emission - 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 2017 – 2021 TIP

The following tables summarize the calculated quantitative and assumed qualitative impacts of the projects included in each regional FFY 2017 – 2021 TIP.

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
BERKSHIRE					
602280	DALTON- RECONSTRUCTION OF HOUSATONIC STREET, FROM ROUTE 8 & 9 TO ROUTE 8	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	5,032	AC - Year 3 of 3; STP + CMAQ + Statewide CMAQ; Total Cost = 11,181,141
605799	WILLIAMSTOWN- RECONSTRUCTION & RELATED WORK ON ROUTE 43 (WATER 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	
607550	LEE- SUPERSTRUCTURE REPLACEMENT, L-05-034, CHAPEL STREET OVER GREENWATER BROOK	Qualitative	No assumed impact/negligible impact on emissions	0	
607551	LEE- LENOX- BRIDGE REPLACEMENT, L-05-020=L-07-003, VALLEY STREET OVER HOUSATONIC RIVER	Qualitative	No assumed impact/negligible impact on emissions	0	
608167	CLARKSBURG- RESURFACING AND RELATED WORK ON ROUTE 8, FROM THE NORTH ADAMS T.L. TO THE VERMONT S.L.	Qualitative	Qualitative Decrease in Emissions	0	
2017	**REGION: BERKSHIRE**		**Total GHG Increase (kg/year)**	**0**	
			Total GHG Reduction (kg/year)	**-5,032**	
			Total GHG Difference (kg/year)	**-5,032**	
BOSTON					
1570	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	Quantified	RTP project included in the statewide model	0	
1570	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	Quantified	RTP project included in the statewide model	0	
29492	BEDFORD- BILLERICA- BURLINGTON- MIDDLESEX TURNPIKE IMPROVEMENTS, FROM CROSBY DRIVE NORTH TO MANNING ROAD, INCLUDES RECONSTRUCTION OF B-04-006 (PHASE III)	Quantified	RTP project included in the statewide model	0	
29492	BEDFORD- BILLERICA- MIDDLESEX TURNPIKE IMPROVEMENTS, FROM CROSBY DRIVE NORTH TO MANNING ROAD, INCLUDES RECONSTRUCTION OF B-04-006 (PHASE III)	Quantified	RTP project included in the statewide model	0	
29492	BEDFORD- BILLERICA- MIDDLESEX TURNPIKE IMPROVEMENTS, FROM CROSBY DRIVE NORTH TO MANNING ROAD, INCLUDES RECONSTRUCTION OF B-04-006 (PHASE III)	Quantified	RTP project included in the statewide model	0	
29492	BEDFORD- BILLERICA- BURLINGTON- MIDDLESEX TURNPIKE IMPROVEMENTS, FROM CROSBY DRIVE NORTH TO MANNING ROAD, INCLUDES RECONSTRUCTION OF B-04-006 (PHASE III)	Quantified	RTP project included in the statewide model	0	
601630	WEYMOUTH- ABINGTON- RECONSTRUCTION & WIDENING ON ROUTE 18 (MAIN STREET) FROM HIGHLAND PLACE TO ROUTE 139 (4.0 MILES) INCLUDES REPLACING W-32-013, ROUTE 18 OVER THE OLD COLONY RAILROAD (MBTA)	Quantified	RTP project included in the statewide model	0	

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
601630	WEYMOUTH- ABINGTON- RECONSTRUCTION & WIDENING ON ROUTE 18 (MAIN STREET) FROM HIGHLAND PLACE TO ROUTE 139 (4.0 MILES) INCLUDES REPLACING W-32-013, ROUTE 18 OVER THE OLD COLONY RAILROAD (MBTA)	Quantified	RTP project included in the statewide model	0	
601630	WEYMOUTH- ABINGTON- RECONSTRUCTION & WIDENING ON ROUTE 18 (MAIN STREET) FROM HIGHLAND PLACE TO ROUTE 139 (4.0 MILES) INCLUDES REPLACING W-32-013, ROUTE 18 OVER THE OLD COLONY RAILROAD (MBTA)	Quantified	RTP project included in the statewide model	0	
602165	STONEHAM- SIGNAL & INTERSECTION IMPROVEMENTS AT ROUTE 28/NORTH STREET	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	139,709	
603711	NEEDHAM- WELLESLEY- REHAB/REPLACEMENT OF 6 BRIDGES ON I-95/ROUTE 128: N-04-020, N-04-021, N-04-022, N-04-026, N-04-027, N-04-037 & W-13-023 (ADD-A-LANE - CONTRACT V)	Quantified	RTP project included in the statewide model	0	
603917	MEDFORD- STONEHAM- WOBURN- READING- HIGHWAY LIGHTING REHABILITATION ON I-93 (PHASE II)	Qualitative	No assumed impact/negligible impact on emissions	0	
604173	BOSTON- BRIDGE REHABILITATION, B-16-016, NORTH WASHINGTON STREET OVER THE BOSTON INNER HARBOR	Qualitative	Qualitative Decrease in Emissions	0	
604761	BOSTON- MULTI-USE TRAIL CONSTRUCTION (SOUTH BAY HARBOR), FROM RUGGLES STATION TO FORT POINT CHANNEL	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	767,491	
604810	MARLBOROUGH- RECONSTRUCTION OF ROUTE 85 (MAPLE STREET)	Quantified	Quantified Decrease in Emissions from Complete Streets Project	0	
604810	MARLBOROUGH- RECONSTRUCTION OF ROUTE 85 (MAPLE STREET)	Quantified	Quantified Decrease in Emissions from Complete Streets Project	589,680	
604810	MARLBOROUGH- RECONSTRUCTION OF ROUTE 85 (MAPLE STREET)	Quantified	Quantified Decrease in Emissions from Complete Streets Project	0	
604935	WOBURN- RECONSTRUCTION OF MONTVALE AVENUE, FROM I-93 INTERCHANGE TO CENTRAL STREET (APPROX. 1,850 FT)	Quantified	Quantified Decrease in Emissions from Complete Streets Project	0	
604935	WOBURN- RECONSTRUCTION OF MONTVALE AVENUE, FROM I-93 INTERCHANGE TO CENTRAL STREET (APPROX. 1,850 FT)	Quantified	Quantified Decrease in Emissions from Complete Streets Project	98,885	
606553	HANOVER- NORWELL- SUPERSTRUCTURE REPLACEMENT, H-06-010, ST 3 OVER ST 123 (WEBSTER STREET) & N-24-003, ST 3 OVER ST 123 (HIGH STREET)	Qualitative	Qualitative Decrease in Emissions	0	
607309	HINGHAM- RECONSTRUCTION & RELATED WORK ON DERBY STREET, FROM POND PARK ROAD TO CUSHING STREET	Quantified	Quantified Decrease in Emissions from Complete Streets Project	351,994	
607309	HINGHAM- RECONSTRUCTION & RELATED WORK ON DERBY STREET, FROM POND PARK ROAD TO CUSHING STREET	Quantified	Quantified Decrease in Emissions from Complete Streets Project	0	
607309	HINGHAM- RECONSTRUCTION & RELATED WORK ON DERBY STREET, FROM POND PARK ROAD TO CUSHING STREET	Quantified	Quantified Decrease in Emissions from Complete Streets Project	0	
607477	LYNNFIELD- PEABODY- RESURFACING & RELATED WORK ON ROUTE 1	Qualitative	No assumed impact/negligible impact on emissions	0	
607481	RANDOLPH- QUINCY- BRAINTREE- INTERSTATE MAINTENANCE & RELATED WORK ON I-93 (SB)	Qualitative	No assumed impact/negligible impact on emissions	0	
607488	SOUTHBOROUGH- RESURFACING & RELATED WORK ON ROUTE 9, FROM THE FRAMINGHAM T.L TO WHITE BAGLEY ROAD	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
607507	WAKEFIELD- BRIDGE DECK REPLACEMENT, W-01-021 (2MF), HOPKINS STREET OVER I-95/ST 128	Qualitative	Qualitative Decrease in Emissions	0	
607754	MILTON- INTERSECTION & SIGNAL IMPROVEMENTS AT GRANITE AVENUE & SQUANTUM STREET	Quantified	N/A	0	To be determined
607954	DANVERS- BRIDGE REPLACEMENT, D-03-018, ST 128 OVER WATERS RIVER	Qualitative	No assumed impact/negligible impact on emissions	0	
607998	EVERETT- IMPROVEMENTS AT MADELAINE ENGLISH (SRTS)	Qualitative	Qualitative Decrease in Emissions	0	
607999	REVERE- IMPROVEMENTS AT GARFIELD ELEMENTARY & MIDDLE SCHOOL (SRTS)	Qualitative	Qualitative Decrease in Emissions	0	
608003	WEYMOUTH- IMPROVEMENTS AT PINGREE ELEMENTARY SCHOOL (SRTS)	Qualitative	Qualitative Decrease in Emissions	0	
608004	WATERTOWN- IMPROVEMENTS AT HOSMER ELEMENTARY SCHOOL (SRTS)	Qualitative	Qualitative Decrease in Emissions	0	
2017	**REGION: BOSTON**		**Total GHG Increase (kg/year)**	**0**	
			Total GHG Reduction (kg/year)	**-1,947,759**	
			Total GHG Difference (kg/year)	**-1,947,759**	
CAPE COD					
608201	HARWICH- BREWSTER- ORLEANS- RESURFACING AND RELATED WORK ON ROUTE 6	N/A	No assumed impact/negligible impact on emissions	0	Total programmed = $7,135,000 = $6,615,000 NHS + $520,000 Statewide Stormwater Retrofits. Score = 48.
608201	HARWICH- BREWSTER- ORLEANS- RESURFACING AND RELATED WORK ON ROUTE 6	N/A	No assumed impact/negligible impact on emissions	0	Total programmed = $7,135,000 = $6,615,000 NHS + $520,000 Statewide Stormwater Retrofits. Score = 48.
608544	BOURNE- RESURFACING AND RELATED WORK ON ROUTE 6 & 28 BYPASS ROAD	N/A	No assumed impact/negligible impact on emissions	0	Total programmed = $2,400,000. Score = 49.
2017	**REGION: CAPE COD**		**Total GHG Increase (kg/year)**	**0**	
			Total GHG Reduction (kg/year)	**0**	
			Total GHG Difference (kg/year)	**0**	
CENTRAL MASSACHUSETTS					
602740	SHREWSBURY - RESURFACING & RELATED WORK ON MAIN STREET, FROM I-290 RAMPS EASTERLY TO MAPLE AVENUE	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	12,500	
602740	SHREWSBURY - RESURFACING & RELATED WORK ON MAIN STREET, FROM I-290 RAMPS EASTERLY TO MAPLE AVENUE	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	0	GHG Numbers are calculated above
602740	SHREWSBURY - RESURFACING & RELATED WORK ON MAIN STREET, FROM I-290 RAMPS EASTERLY TO MAPLE AVENUE	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	0	GHG Numbers are calculated above

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
602740	SHREWSBURY - RESURFACING & RELATED WORK ON MAIN STREET, FROM I-290 RAMPS EASTERLY TO MAPLE AVENUE	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	0	GHG Numbers are calculated above
602991	SPENCER - RESURFACING & RELATED WORK ON ROUTE 31 (MAPLE STREET & CHARLTON ROAD)	Quantified	No assumed impact/negligible impact on emissions	0	
606075	OXFORD - CLEANING AND PAINTING & RELATED WORK, O-06-036, I-395 OVER DANA ROAD & O-06-037, I-395 (SB) OVER FEDERAL HILL ROAD	Qualitative	No assumed impact/negligible impact on emissions	0	
606206	OXFORD - RECONSTRUCTION OF CHARLTON STREET, BETWEEN MAIN STREET AND DUDLEY ROAD	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	0	GHG Numbers are calculated above
606206	OXFORD - RECONSTRUCTION OF CHARLTON STREET, BETWEEN MAIN STREET AND DUDLEY ROAD	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	535	
606346	LEICESTER - RESURFACING & RELATED WORK ON ROUTE 56 (PAXTON STREET), FROM MAIN STREET TO HYLAND AVENUE	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	270	
606434	WORCESTER - CENTRAL BUSINESS DISTRICT STREETSCAPE IMPROVEMENTS	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	4,400	
606434	WORCESTER - CENTRAL BUSINESS DISTRICT STREETSCAPE IMPROVEMENTS	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	0	GHG Numbers are calculated above
606638	SUTTON - BRIDGE REPLACEMENT, S-33-005, BLACKSTONE STREET OVER BLACKSTONE RIVER	Qualitative	No assumed impact/negligible impact on emissions	0	
607442	NORTHBOROUGH - SHREWSBURY - RECONSTRUCTION ON ROUTE 9 & ROUTE 20 RAMP IMPROVEMENTS	Qualitative	No assumed impact/negligible impact on emissions	0	
607562	WEBSTER - OXFORD - INTERSTATE MAINTENANCE & RELATED WORK ON I-395	Qualitative	Qualitative Decrease in Emissions	0	
607562	WEBSTER - OXFORD - INTERSTATE MAINTENANCE & RELATED WORK ON I-395	Qualitative	Qualitative Decrease in Emissions	0	
2017	**REGION: CENTRAL MASSACHUSETTS**		**Total GHG Increase (kg/year)**	**0**	
			Total GHG Reduction (kg/year)	**-17,705**	
			Total GHG Difference (kg/year)	**-17,705**	
FRANKLIN					
602316	BUCKLAND- CHARLEMONT- RESURFACING & RELATED WORK ON ROUTE 2, FROM MM 27.41 (R.R. BRIDGE) TO MM 37.39 (BUCKLAND/SHELBURNE T.L.) EXCLUDING MM 29.5 TO MM 30.75 (VILLAGE CENTER)	Qualitative	No assumed impact/negligible impact on emissions	0	No changes to infrastructure that would result in changes to emissions
602316	BUCKLAND- CHARLEMONT- RESURFACING & RELATED WORK ON ROUTE 2, FROM MM 27.41 (R.R. BRIDGE) TO MM 37.39 (BUCKLAND/SHELBURNE T.L.) EXCLUDING MM 29.5 TO MM 30.75 (VILLAGE CENTER)	Qualitative	No assumed impact/negligible impact on emissions	0	No changes to infrastructure that would result in changes to emissions
607527	ORANGE- BRIDGE REPLACEMENT, O-03-009, HOLTSHIRE ROAD OVER MILLERS RIVER	Qualitative	No assumed impact/negligible impact on emissions	0	
607548	SHELBURNE- BRIDGE REPLACEMENT, S-11-006, BARDWELL FERRY ROAD OVER DRAGON BROOK	Qualitative	No assumed impact/negligible impact on emissions	0	
607584	COLRAIN- BRIDGE REPLACEMENT, C-18-020, HEATH ROAD OVER WEST BRANCH NORTH RIVER	Qualitative	No assumed impact/negligible impact on emissions	0	

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
607671	HEATH- BRIDGE REPLACEMENT, H-14-001, SR 8A (JACKSONVILLE STREET) OVER MILL BROOK	Qualitative	No assumed impact/negligible impact on emissions	0	
608311	BUCKLAND- BRIDGE MAINTENANCE, B-28-003, ROUTE 112 OVER ROUTE 2 AND PAN AM RAILROAD	Qualitative	No assumed impact/negligible impact on emissions	0	
2017	**REGION: FRANKLIN**		**Total GHG Increase (kg/year)**	**0**	
			Total GHG Reduction (kg/year)	**0**	
			Total GHG Difference (kg/year)	**0**	
MARTHA'S VINEYARD					
604029	OAK BLUFFS / TISBURY - BRIDGE REPLACEMENT: BEACH ROAD OVER LAGOON POND DRAWBRIDGE	0	N/A	0	
2017	**REGION: MARTHA S VINEYARD**		**Total GHG Increase (kg/year)**	**0**	
			Total GHG Reduction (kg/year)	**0**	
			Total GHG Difference (kg/year)	**0**	
MERRIMACK VALLEY					
604585	FLEX TO FTA FOR MVRTANEW BUS UPGRADE TOCLEANER FUEL BUSES	Qualitative	Qualitative Decrease in Emissions	0	Not yet enough information to generate an estimate.
605306	HAVERHILL- SUPERSTRUCTURE REPLACEMENT,H-12-039, I-495 (NB & SB) OVER MERRIMACK RIVER	Qualitative	No assumed impact/negligible impact on emissions	0	
606669	AMESBURY - POWOW RIVERWALK CONSTRUCTION	Qualitative	Qualitative Decrease in Emissions	0	Not yet enough information to generate an estimate.
606669	AMESBURY - POWOW RIVERWALK CONSTRUCTION	Qualitative	Qualitative Decrease in Emissions	0	Not yet enough information to generate an estimate.
607561	ANDOVER- METHUEN- INTERSTATE MAINTENANCE & RELATED WORK ON I-93	Qualitative	No assumed impact/negligible impact on emissions	0	
607561	ANDOVER- METHUEN- INTERSTATE MAINTENANCE & RELATED WORK ON I-93	Qualitative	No assumed impact/negligible impact on emissions	0	
607573	HAVERHILL - RECONSTRUCTION ON ROUTE 97 (BROADWAY), FROM SILVER BIRCH LANE TO RESEARCH DRIVE	Qualitative	Qualitative Decrease in Emissions	0	Not yet enough information to generate an estimate.
607573	HAVERHILL - RECONSTRUCTION ON ROUTE 97 (BROADWAY), FROM SILVER BIRCH LANE TO RESEARCH DRIVE	Qualitative	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	0	Not yet enough information to generate an estimate.
608002	LAWRENCE- SAFE ROUTES TO SCHOOL (BRUCE ELEMENTARY)	Qualitative	Qualitative Decrease in Emissions	0	

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
2017	**REGION: MERRIMACK VALLEY**		**Total GHG Increase (kg/year)**	**0**	
			Total GHG Reduction (kg/year)	**0**	
			Total GHG Difference (kg/year)	**0**	
MONTACHUSETT					
606124	FITCHBURG- LUNENBURG- LEOMINSTER- RECONSTRUCTION OF SUMMER STREET AND NORTH STREET	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	0	See CMAQ figures in FFY 2018.
606124	FITCHBURG- LUNENBURG- LEOMINSTER- RECONSTRUCTION OF SUMMER STREET AND NORTH STREET	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	0	See CMAQ figures in FFY 2018.
606435	HUBBARDSTON- RESURFACING AND RELATED WORK ON ROUTE 68, FROM WILLIAMSVILLE ROAD TO THE RUTLAND T.L.	Qualitative	No assumed impact/negligible impact on emissions	0	
606575	STERLING- LANCASTER- LEOMINSTER- INTERSTATE MAINTENANCE & RELATED WORK ON I-190	Qualitative	No assumed impact/negligible impact on emissions	0	
607252	GARDNER - RESURFACING & RELATED WORK ON MATTHEW STREET	Qualitative	No assumed impact/negligible impact on emissions	0	
607321	TEMPLETON - RESURFACING & RELATED WORK ON A SECTION OF ROUTE 68 FROM THE GARDNER CITY LINE TO THE END OF STATE HIGHWAY (2.0 MILES)	Qualitative	No assumed impact/negligible impact on emissions	0	
607475	WINCHENDON- RESURFACING & RELATED WORK ON ROUTE 12, FROM MILL STREET/BEGINNING OF STATE HIGHWAY TO NEW HAMPSHIRE STATE LINE (2.5 MILES)	Qualitative	No assumed impact/negligible impact on emissions	0	
608250	ROYALSTON- BRIDGE REPLACEMENT, R-12-001 (B35), STOCKWELL ROAD OVER LAWRENCE BROOK	Qualitative	No assumed impact/negligible impact on emissions	0	
608542	WINCHENDON - RESURFACING & RELATED WORK ON ROUTE 140, FROM TEEL ROAD TO 430 FT. SOUTH OF ROUTE 12 (1.1 MILES)	Qualitative	No assumed impact/negligible impact on emissions	0	
2017	**REGION: MONTACHUSETT**		**Total GHG Increase (kg/year)**	**0**	
			Total GHG Reduction (kg/year)	**0**	
			Total GHG Difference (kg/year)	**0**	
NANTUCKET					
606433	NANTUCKET- MULTI-USE PATH CONSTRUCTION, FROM WASHINGTON STREET TO ORANGE STREET	0	0	0	
606433	NANTUCKET- MULTI-USE PATH CONSTRUCTION, FROM WASHINGTON STREET TO ORANGE STREET	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	0	GHG kg/year Analysis completed in FFY 2015 (AC Yr 1 of 3).
2017	**REGION: NANTUCKET**		**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
NORTHERN MIDDLESEX					
29492	BEDFORD-BILLERICA-BURLINGTON-MIDDLESEX TURNPIKE IMPROVEMENTS FROM CROSBY DRIVE NORTH TO MANNING ROAD, INCLUDES RECONSTRUCTION OF B-04-006	Qualitative	RTP project included in the statewide model	0	
607506	CHELMSFORD-BRIDGE DECK REPLACEMENT, C-08-037, ST 4 NORTH STREET OVER I-495	-999	No assumed impact/negligible impact on emissions	0	
607752	LOWELL- INTERSECTION & SIGNAL IMPROVEMENTS AT 2 LOCATIONS: SR 113 (VARNUM AVENUE & VFW HIGHWAY) AT MAMMOTH ROAD & VFW AT AIKEN STREET	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	33,314	
608036	WESTFORD- INTERSECTION IMPROVEMENTS @ GROTON ROAD (ROUTE 40) & OAK HILL ROAD	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	0	
608036	WESTFORD- INTERSECTION IMPROVEMENTS @ GROTON ROAD (ROUTE 40) & OAK HILL ROAD	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	7,428	
608181	BILLERICA- INTERSECTION & SIGNAL IMPROVEMENTS AT ROUTE 3A (BOSTON ROAD) AND ALLEN ROAD	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	1,056	
608181	BILLERICA- INTERSECTION & SIGNAL IMPROVEMENTS AT ROUTE 3A (BOSTON ROAD) AND ALLEN ROAD	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	0	
608181	BILLERICA- INTERSECTION & SIGNAL IMPROVEMENTS AT ROUTE 3A (BOSTON ROAD) AND ALLEN ROAD	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	0	
2017	**REGION: NORTHERN MIDDLESEX**		**Total GHG Increase (kg/year)**	**0**	
			Total GHG Reduction (kg/year)	**-41,798**	
			Total GHG Difference (kg/year)	**-41,798**	
OLD COLONY					
605038	PLYMOUTH- RECONSTRUCTION OF TAYLOR AVENUE, FROM WHITE HORSE ROAD TO MANOMET POINT ROAD, INCLUDES BRIDGE REPLACEMENT OF P-13-010	Quantified	Quantified Decrease in Emissions from Other Improvements	2,011	
608134	BROCKTON- STORMWATER IMPROVEMENTS ALONG ROUTE 28	Qualitative	No assumed impact/negligible impact on emissions	0	
2017	**REGION: OLD COLONY**		**Total GHG Increase (kg/year)**	**0**	
			Total GHG Reduction (kg/year)	**-2,011**	
			Total GHG Difference (kg/year)	**-2,011**	
PIONEER VALLEY					
604033	SOUTHWICK- RECONSTRUCTION CONGAMOND ROAD (ROUTE 168), FROM COLLEGE HIGHWAY & ENDS 250 FEET SHORT OF STATE LINE (1.2 MILES)	Quantified	Quantified Decrease in Emissions from Complete Streets Project	289	
605011	LUDLOW- RECONSTRUCTION OF CENTER STREET (ROUTE 21), FROM 35' WEST OF BEACHSIDE DRIVE WESTERLY TO GAS LINE BESIDE MTA OVERPASS (3,500 FEET)	Quantified	Quantified Decrease in Emissions from Complete Streets Project	145,846	

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
605384	AGAWAM- WEST SPRINGFIELD- BRIDGE REPLACEMENT, A-05-002=W-21-014, ROUTE 147 OVER THE WESTFIELD RIVER & INTERSECTION & SIGNAL IMPROVEMENTS @ 3 LOCATIONS	Qualitative	No assumed impact/negligible impact on emissions	0	
606903	HOLYOKE- IMPROVEMENTS TO LOWER WESTFIELD ROAD ON I-91 (INTERCHANGE 15)	Qualitative	Qualitative Decrease in Emissions	0	To be quantified when data becomes available
607528	AMHERST- BRIDGE REPLACEMENT, A-08-008, MILL STREET OVER MILL RIVER	Qualitative	No assumed impact/negligible impact on emissions	0	
607549	CHESTERFIELD- BRIDGE REPLACEMENT, C-12-009, IRELAND STREET OVER WEST BRANCH BRONSON BROOK	Qualitative	No assumed impact/negligible impact on emissions	0	
607731	SPRINGFIELD- VIADUCT DECK REPLACEMENT OF S-24-061 ON I-91 (EARLY ACTION)	Qualitative	No assumed impact/negligible impact on emissions	0	
608023	AMHERST- HADLEY- SIDEWALK & WHEELCHAIR RAMP CONSTRUCTION ON ROUTE 9	Qualitative	No assumed impact/negligible impact on emissions	0	
608126	GOSHEN- RESURFACING AND RELATED WORK ON ROUTE 9, FROM CUMMINGTON T.L. TO ROUTE 112 (CAPE STREET)	Quantified	Quantified Decrease in Emissions from Complete Streets Project	97	
608192	AGAWAM- CHICOPEE- HOLYOKE- WEST SPRINGFIELD- STORMWATER IMPROVEMENTS ALONG I-91, I-391, ROUTE 57 AND ROUTE 5	Qualitative	No assumed impact/negligible impact on emissions	0	
608211	CHICOPEE- SPRINGFIELD- INTERSTATE MAINTENANCE & RELATED WORK ON I-291	Qualitative	Qualitative Decrease in Emissions	0	
PV0001	PIONEER VALLEY REGIONAL BICYCLE SHARE (PHASE 1)	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	6,335	
2017	**REGION: PIONEER VALLEY**		**Total GHG Increase (kg/year)**	**0**	
			Total GHG Reduction (kg/year)	**-152,567**	
			Total GHG Difference (kg/year)	**-152,567**	
SOUTHEASTERN MASSACHUSETTS					
602564	CARVER- MIDDLEBOROUGH- BRIDGE REPLACEMENT, C-04-004=M-18-025, ROCHESTER ROAD OVER WEWEANTIC RIVER	Qualitative	No assumed impact/negligible impact on emissions	0	
605328	RAYNHAM- BRIDGE REPLACEMENT, R-02-013 (3PA), US 44 (CAPE HIGHWAY) OVER SR 24	Qualitative	No assumed impact/negligible impact on emissions	0	
605372	NORTH ATTLEBOROUGH - TRAFFIC SIGNAL AND INTERSECTION IMPROVEMENTS @ EAST WASHINGTON STREET (ROUTE 1) & CHESTNUT STREET	Qualitative	No assumed impact/negligible impact on emissions	0	
607563	WAREHAM- ROCHESTER- MIDDLEBORO- INTERSTATE MAINTENANCE & RELATED WORK ON I-495	Qualitative	No assumed impact/negligible impact on emissions	0	
607563	WAREHAM- ROCHESTER- MIDDLEBORO- INTERSTATE MAINTENANCE & RELATED WORK ON I-495	Qualitative	No assumed impact/negligible impact on emissions	0	
608080	WESTPORT- RESURFACING AND RELATED WORK ON ROUTE 88 FROM MILE MARKER 1.2 (JUST NORTH OF DRIFT ROAD) NORTHERLY TO MILE MARKER 7.5, JUST SOUTH OF OLD COUNTY ROAD	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
608081	WESTPORT - RESURFACING AND RELATED WORK ALONG ROUTE 88 FROM MILE MARKER 0.0 (BEGINNING OF STATE HIGHWAY) NORTHERLY TO MILE MARKER 1.2, JUST NORTH OF DRIFT ROAD	Qualitative	No assumed impact/negligible impact on emissions	0	
608101	NEW BEDFORD- PARK AND RIDE IMPROVEMENTS INCLUDING A NEW BUS SHELTER REPLACEMENT AT THE MOUNT PLEASANT STREET PARK AND RIDE	Qualitative	Qualitative Decrease in Emissions	0	
608124	MIDDLEBOROUGH - INTERIM IMPROVEMENTS AT ROUTES 18/28/44 (ROTARY)	Qualitative	Qualitative Decrease in Emissions	0	
608176	BERKLEY- FREETOWN- RESURFACING & RELATED WORK ON ROUTE 24	Qualitative	No assumed impact/negligible impact on emissions	0	
2017	**REGION: SOUTHEASTERN MASSACHUSETTS**		**Total GHG Increase (kg/year)**	**0**	
			Total GHG Reduction (kg/year)	**0**	
			Total GHG Difference (kg/year)	**0**	
STATEWIDE					
607038	DISTRICT 3- ADA RETROFITS AT VARIOUS LOCATIONS	0	N/A	0	
607042	DISTRICT 6- ADA RETROFITS AT VARIOUS LOCATIONS	0	N/A	0	
607482	DISTRICT 5- DISTRICT 6- ITS DEVICE INSTALLATION ON ROUTE 3 SOUTH, FROM BRAINTREE TO BOURNE (43 MILES)	0	N/A	0	
607496	STATEWIDE- RETROREFLECTIVE SIGN UPGRADE ON SECONDARY ROADS (PHASE II)	0	N/A	0	
608591	DISTRICT 4- CURVE WARNING SIGN UPGRADES ON SECONDARY STATE HIGHWAYS	0	N/A	0	
608607	DISTRICTS 3 AND 5 - ITS EQUIPMENT (CCTV CAMERAS, TRAFFIC SENSORS, AND VMS) FOR HIGHWAY OPERATIONS	0	N/A	0	
82865	MASSRIDES - TRAVEL OPTIONS PROGRAM	0	N/A	0	
ABPGAN	ABP GANS DEBT SERVICE	0	N/A	0	
BRI17	BRIDGE INSPECTION	0	N/A	0	
EWO	AWARD ADJUSTMENTS, CHANGE ORDERS, PROJECT VALUE CHANGES, ETC.	0	N/A	0	
MSC	STATEWIDE DESIGN AND RIGHT OF WAY	0	N/A	0	
MSC17	DBES, MISC PROGRAMS	0	N/A	0	
RRC	STATEWIDE RAILROAD CROSSING HAZARD ELIMINATION CONTRACTS	0	N/A	0	
RRC	STATEWIDE RAILROAD CROSSING PROTECTIVE DEVICES CONTRACTS	0	N/A	0	
SPR117	STATEWIDE PLANNING AND RESEARCH WORK PROGRAM I (SPR I), PLANNING	0	N/A	0	
SRT17	STATEWIDE RECREATIONAL TRAILS	0	N/A	0	
UPWP18	METROPOLITAN PLANNING FOR THE UNIFIED PLANNING WORK PROGRAM	0	N/A	0	

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
2017	REGION: STATEWIDE		Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	0	
			Total GHG Difference (kg/year)	0	
2017			Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	-2,166,872	
			Total GHG Difference (kg/year)	-2,166,872	
BERKSHIRE					
606233	PITTSFIELD- INTERSECTION & SIGNAL IMPROVEMENTS AT FIRST STREET & NORTH STREET (NEAR BERKSHIRE MEDICAL CENTER)	Qualitative	Qualitative Decrease in Emissions	0	Not yet enough information to generate an estimate
606233	PITTSFIELD- INTERSECTION & SIGNAL IMPROVEMENTS AT FIRST STREET & NORTH STREET (NEAR BERKSHIRE MEDICAL CENTER)	Qualitative	Qualitative Decrease in Emissions	0	Not yet enough information to generate an estimate
606462	LENOX- RECONSTRUCTION & MINOR WIDENING ON WALKER STREET	Qualitative	Qualitative Decrease in Emissions	0	Not yet enough information to generate an estimate
606462	LENOX- RECONSTRUCTION & MINOR WIDENING ON WALKER STREET	Qualitative	Qualitative Decrease in Emissions	0	Not yet enough information to generate an estimate
606891	LANESBOROUGH- PITTSFIELD- ASHUWILLTICOOK RAIL TRAIL EXTENSION TO CRANE AVENUE	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	19,278	
607254	NORTH ADAMS- WILLIAMSTOWN- MOHAWK BICYCLE/PEDESTRIAN TRAIL	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	4,369	
607429	NORTH ADAMS- INTERSECTION IMPROVEMENTS AT ROUTE 2 & PHELPS AVENUE	Qualitative	Qualitative Decrease in Emissions	0	
607570	LEE- BIKEWAY CONSTRUCTION, FROM STOCKBRIDGE T.L. TO WEST PARK STREET (PHASE 1)	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	18,003	
607760	PITTSFIELD- INTERSECTION & SIGNAL IMPROVEMENTS AT 3 LOCATIONS: SR 8 & SR 9 (DALTON AVENUE) @ MERRILL CHESHIRE ROAD, DALTON AVENUE @ CRANE AVENUE CONNECTOR & SR 9 (MERRILL ROAD) @ CRANE AVENUE CONNECTOR	Qualitative	Qualitative Decrease in Emissions	0	Quantitative estimate TBD
608125	SHEFFIELD- BRIDGE REPLACEMENT, S-10-002, ROUTE 7A (ASHLEY FALLS RD) OVER THE HOUSATONIC RIVER	Qualitative	No assumed impact/negligible impact on emissions	0	
2018	REGION: BERKSHIRE		Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	-41,649	
			Total GHG Difference (kg/year)	-41,649	
BOSTON					

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
1570	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	Quantified	RTP project included in the statewide model	0	
1570	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	Quantified	RTP project included in the statewide model	0	
600518	HINGHAM- INTERSECTION IMPROVEMENTS AT DERBY STREET, WHITING STREET (ROUTE 53) AND GARDNER STREET	Quantified	Quantified Increase in Emissions	0	
600518	HINGHAM- INTERSECTION IMPROVEMENTS AT DERBY STREET, WHITING STREET (ROUTE 53) AND GARDNER STREET	Quantified	Quantified Increase in Emissions	113,400	
601630	WEYMOUTH- ABINGTON- RECONSTRUCTION & WIDENING ON ROUTE 18 (MAIN STREET) FROM HIGHLAND PLACE TO ROUTE 139 (4.0 MILES) INCLUDES REPLACING W-32-013, ROUTE 18 OVER THE OLD COLONY RAILROAD (MBTA)	Quantified	RTP project included in the statewide model	0	
603711	NEEDHAM- WELLESLEY- REHAB/REPLACEMENT OF 6 BRIDGES ON I-95/ROUTE 128: N-04-020, N-04-021, N-04-022, N-04-026, N-04-027, N-04-037 & W-13-023 (ADD-A-LANE - CONTRACT V)	Quantified	RTP project included in the statewide model	0	
604173	BOSTON- BRIDGE REHABILITATION, B-16-016, NORTH WASHINGTON STREET OVER THE BOSTON INNER HARBOR	Qualitative	Qualitative Decrease in Emissions	0	
604655	MARSHFIELD- BRIDGE REPLACEMENT, M-07-007, BEACH STREET OVER THE CUT RIVER	Qualitative	Qualitative Decrease in 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	Qualitative Decrease in Emissions	0	
604989	SOUTHBOROUGH- RECONSTRUCTION OF MAIN STREET (ROUTE 30), FROM SEARS ROAD TO PARK STREET	Quantified	Quantified Decrease in Emissions from Complete Streets Project	213,192	
604989	SOUTHBOROUGH- RECONSTRUCTION OF MAIN STREET (ROUTE 30), FROM SEARS ROAD TO PARK STREET	Quantified	Quantified Decrease in Emissions from Complete Streets Project	0	
604989	SOUTHBOROUGH- RECONSTRUCTION OF MAIN STREET (ROUTE 30), FROM SEARS ROAD TO PARK STREET	Quantified	Quantified Decrease in Emissions from Complete Streets Project	0	
605110	BROOKLINE- INTERSECTION & SIGNAL IMPROVEMENTS @ ROUTE 9 & VILLAGE SQUARE (GATEWAY EAST)	Quantified	Quantified Decrease in Emissions from Complete Streets Project	66,226	
605110	BROOKLINE- INTERSECTION & SIGNAL IMPROVEMENTS @ ROUTE 9 & VILLAGE SQUARE (GATEWAY EAST)	Quantified	Quantified Decrease in Emissions from Complete Streets Project	0	
605110	BROOKLINE- INTERSECTION & SIGNAL IMPROVEMENTS @ ROUTE 9 & VILLAGE SQUARE (GATEWAY EAST)	Quantified	Quantified Decrease in Emissions from Complete Streets Project	0	
605608	DEDHAM- RESURFACING & RELATED WORK ON ROUTE 109	Qualitative	No assumed impact/negligible impact on emissions	0	
606134	BOSTON- TRAFFIC SIGNAL IMPROVEMENTS ON BLUE HILL AVENUE AND WARREN STREET	Quantified	N/A	0	TBD; need intersection analysis
606223	ACTON- CONCORD- BRUCE FREEMAN RAIL TRAIL CONSTRUCTION (PHASE II-B)	Quantified	N/A	0	To be determined
606316	BROOKLINE- PEDESTRIAN BRIDGE REHABILITATION, B-27-016, OVER MBTA OFF CARLTON STREET	Qualitative	Qualitative Decrease in Emissions	0	
606381	ARLINGTON- BELMONT- HIGHWAY LIGHTING REPAIR & MAINTENANCE ON ROUTE 2	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
606632	HOPKINTON- WESTBOROUGH- BRIDGE REPLACEMENT, H-23-006=W-24-016, FRUIT STREET OVER CSX & SUDBURY RIVER	Qualitative	No assumed impact/negligible impact on 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	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	729,389	
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	
607133	QUINCY- SUPERSTRUCTURE REPLACEMENT, Q-01-039, ROBERTSON STREET OVER I-93/US 1/SR 3	Qualitative	No assumed impact/negligible impact on emissions	0	
607533	WALTHAM- BRIDGE REPLACEMENT, W-04-006, WOERD AVENUE OVER CHARLES RIVER	Qualitative	No assumed impact/negligible impact on emissions	0	
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	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	78,019	
607748	ACTON- INTERSECTION & SIGNAL IMPROVEMENTS ON SR 2 & SR 111 (MASSACHUSETTS AVENUE) AT PIPER ROAD & TAYLOR ROAD	Quantified	N/A	0	To be determined
607761	Swampscott- INTERSECTION & SIGNAL IMPROVEMENTS AT SR 1A (PARADISE ROAD) AT Swampscott MALL	Quantified	N/A	0	To be determined
607915	NEWTON- WELLESLEY- WESTON- BRIDGE MAINTENANCE OF N-12-063, N-12-054, N-12-055 & N-12-056 ON I-95/ROUTE 128	Qualitative	No assumed impact/negligible impact on emissions	0	
608008	SAUGUS - RESURFACING AND RELATED WORK ON ROUTE 1	Qualitative	No assumed impact/negligible impact on emissions	0	
608069	MARSHFIELD- PEMBROKE- NORWELL- HANOVER- ROCKLAND- HINGHAM- RESURFACING & RELATED WORK ON ROUTE 3	Qualitative	No assumed impact/negligible impact on emissions	0	
608149	BURLINGTON- BRIDGE REPLACEMENT, B-29-010, I-95/ST 128 (NB) & I-95/ST128 (SB) OVER ROUTE 3A (CAMBRIDGE STREET)	Qualitative	No assumed impact/negligible impact on emissions	0	
608217	MARLBOROUGH- SUDBURY- STORMWATER IMPROVEMENTS ALONG ROUTE 20	Qualitative	No assumed impact/negligible impact on emissions	0	
608220	CONCORD- RESURFACING & RELATED WORK ON ROUTE 2	Qualitative	No assumed impact/negligible impact on emissions	0	
608379	LEXINGTON- BELMONT- ARLINGTON- CAMBRIDGE- PAVEMENT PRESERVATION ON ROUTE 2	Qualitative	No assumed impact/negligible impact on emissions	0	
608379	LEXINGTON- BELMONT- ARLINGTON- CAMBRIDGE- PAVEMENT PRESERVATION ON ROUTE 2	Qualitative	No assumed impact/negligible impact on emissions	0	
608521	SALEM - BRIDGE MAINTENANCE, S-01-018 (32T), (ST 114) NORTH STREET OVER (ST 107) BRIDGE STREET & MBTA	Qualitative	No assumed impact/negligible impact on emissions	0	
608522	MIDDLETON- BRIDGE REPLACEMENT- M-20-003, RT 62/MAPLE STREET OVER Ipswich RIVER	Qualitative	No assumed impact/negligible impact on emissions	0	

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
2018	**REGION: BOSTON**		**Total GHG Increase (kg/year)**	**113,400**	
			Total GHG Reduction (kg/year)	**-1,086,826**	
			Total GHG Difference (kg/year)	**-973,426**	
CAPE COD					
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	67,841	Statewide CMAQ funding total of $7,349,831. Land acquisition, survey, and design in process. Score = 82.
2018	**REGION: CAPE COD**		**Total GHG Increase (kg/year)**	**0**	
			Total GHG Reduction (kg/year)	**-67,841**	
			Total GHG Difference (kg/year)	**-67,841**	
CENTRAL MASSACHUSETTS					
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 are 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	
604893	WORCESTER - STREETSCAPE IMPROVEMENTS AT MAIN STREET & MAYWOOD STREET	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	9,600	
604948	UXBRIDGE - RECONSTRUCTION OF ROUTE 122 (NORTH MAIN STREET), FROM HARTFORD AVENUE TO ROUTE 16	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	14,035	GHG Numbers are calculated above
605740	WORCESTER - INTERSECTION IMPROVEMENTS AT WINTHROP STREET & PROVIDENCE STREET, VERNON STREET & GRANITE STREET	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	0	GHG Numbers are calculated above
605740	WORCESTER - INTERSECTION IMPROVEMENTS AT WINTHROP STREET & PROVIDENCE STREET, VERNON STREET & GRANITE STREET	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	69,250	
605820	WORCESTER - BLACKSTONE RIVER BIKEWAY (SEGMENT 7), INCLUDING BRIDGE REHAB, W-44-041, MCGRATH BOULEVARD OVER MADISON STREET	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	401,949	
606440	PRINCETON - RECONSTRUCTION OF ROUTE 140, FROM STERLING T.L. THROUGH EAST PRINCETON VILLAGE TO ROUTE 31, INCLUDING REHAB OF P-16-017	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	4,175	
606440	PRINCETON - RECONSTRUCTION OF ROUTE 140, FROM STERLING T.L. THROUGH EAST PRINCETON VILLAGE TO ROUTE 31, INCLUDING REHAB OF P-16-017	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	0	GHG Numbers are calculated above
606888	WORCESTER - BLACKSTONE CANAL STREETSCAPE IMPROVEMENTS ON HARDING STREET	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	1,800	

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
607917	AUBURN TO WORCESTER - GUIDE & TRAFFIC SIGN REPLACEMENT ON A SECTION OF INTERSTATE 290	Qualitative	Qualitative Decrease in Emissions	0	
608191	WEST BROOKFIELD - SIDEWALK AND WHEELCHAIR CONSTRUCTION ON ROUTE 9	Qualitative	No assumed impact/negligible impact on emissions	0	
608394	STURBRIDGE - STORMWATER IMPROVEMENTS ALONG ROUTE 20 AND INTERSTATE 84	Qualitative	No assumed impact/negligible impact on emissions	0	
2018	**REGION: CENTRAL MASSACHUSETTS**		**Total GHG Increase (kg/year)**	**0**	
			Total GHG Reduction (kg/year)	**-1,515,623**	
			Total GHG Difference (kg/year)	**-1,515,623**	
FRANKLIN					
606507	CHARLEMONT - ROADWAY RECONSTRUCTION AND VILLAGE CENTER TRAFFIC CALMING ON ROUTE 2, FROM 2 MM 29.5 TO MM 31.0	0	N/A	0	See CMAQ above for GHG impact
606507	CHARLEMONT - ROADWAY RECONSTRUCTION AND VILLAGE CENTER TRAFFIC CALMING ON ROUTE 2, FROM 2 MM 29.5 TO MM 31.0	Quantified	Quantified Decrease in Emissions from Complete Streets Project	187	
607253	ERVING- STREETSCAPE & PEDESTRIAN IMPROVEMENTS ON ROUTE 63, FROM RIVER STREET TO 1,200 FT. NORTH OF LILLIAN WAY (1 MILE)	Quantified	Quantified Decrease in Emissions from Complete Streets Project	296	
608235	GREENFIELD- BRIDGE REPLACEMENT, G-12-006, NASH'S MILL ROAD OVER GREEN RIVER	Qualitative	No assumed impact/negligible impact on emissions	0	
2018	**REGION: FRANKLIN**		**Total GHG Increase (kg/year)**	**0**	
			Total GHG Reduction (kg/year)	**-483**	
			Total GHG Difference (kg/year)	**-483**	
MARTHA'S VINEYARD					
607411	TISBURY- BIKE & PEDESTRIAN IMPROVEMENTS ALONG BEACH ROAD, FROM THE TERMINATION OF THE EXISTING SHARED USE PATH WESTERLY TO THE FIVE CORNERS INTERSECTION	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	0	AC Year 1 of 2
2018	**REGION: MARTHA S VINEYARD**		**Total GHG Increase (kg/year)**	**0**	
			Total GHG Reduction (kg/year)	**0**	
			Total GHG Difference (kg/year)	**0**	
MERRIMACK VALLEY					
605020	SALISBURY - MULTI-USE TRAIL EXTENSION (BORDERS TO BOSTON TRAIL)	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	0	6,837 = Emission Reduction in CO2 kg per year. Quantity shown in Regional CMAQ Target Section above.

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
605020	SALISBURY - MULTI-USE TRAIL EXTENSION (BORDERS TO BOSTON TRAIL)	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	6,837	6,837 = Emission Reduction in CO2 kg per year.
605020	SALISBURY - MULTI-USE TRAIL EXTENSION (BORDERS TO BOSTON TRAIL)	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	0	6,837 = Emission Reduction in CO2 kg per year.Quantity shown above in Regional CMAQ Target section.
605306	HAVERHILL- SUPERSTRUCTURE 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	Qualitative	Qualitative Decrease in Emissions	0	Not yet enough information to generate an estimate.
606159	NORTH ANDOVER- INTERSECTION & SIGNAL IMPROVEMENTS AT ROUTE 125 & MASSACHUSETTS AVENUE	Qualitative	Qualitative Decrease in Emissions	0	Not yet enough information to generate an estimate.
607737	AMESBURY- SALISBURY- TRAIL CONNECTOR @ I-95	Qualitative	Qualitative Decrease in Emissions	0	Not yet enough information to generate an estimate.
2018	**REGION: MERRIMACK VALLEY**		**Total GHG Increase (kg/year)**	**0**	
			Total GHG Reduction (kg/year)	**-6,837**	
			Total GHG Difference (kg/year)	**-6,837**	
MONTACHUSETT					
603513	GARDNER- BRIDGE REPLACEMENT, G-01-008, PLEASANT STREET OVER THE B&M RAILROAD	Qualitative	No assumed impact/negligible impact on emissions	0	
605094	FITCHBURG- BRIDGE REPLACEMENT, F-04-003, STATE ROUTE 31 OVER PHILLIPS BROOK	Qualitative	No assumed impact/negligible impact on emissions	0	
606124	FITCHBURG- LUNENBURG- LEOMINSTER- RECONSTRUCTION OF SUMMER STREET AND NORTH STREET	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	0	See CMAQ above.
606124	FITCHBURG- LUNENBURG- LEOMINSTER- RECONSTRUCTION OF SUMMER STREET AND NORTH STREET	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	0	See CMAQ above.
606124	FITCHBURG- LUNENBURG- LEOMINSTER- RECONSTRUCTION OF SUMMER STREET AND NORTH STREET	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	9	
607127	HUBBARDSTON- BRIDGE REPLACEMENT, H-24-009, EVERGREEN ROAD OVER MASON BROOK	Qualitative	No assumed impact/negligible impact on emissions	0	
608179	ROYALSTON- BRIDGE REPLACEMENT, R-12-009, NORTH FITZWILLIAM ROAD OVER LAWRENCE BROOK	Qualitative	No assumed impact/negligible impact on emissions	0	
608188	GARDNER- LEOMINSTER- STERLING - INTERSECTION IMPROVEMENTS AT 3 LOCATIONS	Qualitative	No assumed impact/negligible impact on emissions	0	Safety Related Improvement
2018	**REGION: MONTACHUSETT**		**Total GHG Increase (kg/year)**	**0**	
			Total GHG Reduction (kg/year)	**-9**	
			Total GHG Difference (kg/year)	**-9**	

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
NORTHERN MIDDLESEX					
604694	LOWELL-CONNECTOR RECONSTRUCTION FROM THORNDIKE ST TO GORHAM ST	Qualitative	Qualitative Decrease in Emissions	0	
606189	LOWELL-IMPROVEMENTS ON ROUTE 38 AT FOUR INTERSECTIONS	Qualitative	Qualitative Decrease in Emissions	0	
606189	LOWELL-IMPROVEMENTS ON ROUTE 38 AT FOUR INTERSECTIONS	Qualitative	Qualitative Decrease in Emissions	0	
608037	WESTFORD-INTERSECTION IMPROVEMENTS @ GROTON ROAD (ROUTE 40) & DUNSTABLE ROAD	Qualitative	Qualitative Decrease in Emissions	0	
608037	WESTFORD-INTERSECTION IMPROVEMENTS @ GROTON ROAD (ROUTE 40) & DUNSTABLE ROAD	Qualitative	Qualitative Decrease in Emissions	0	
2018	**REGION: NORTHERN MIDDLESEX**		**Total GHG Increase (kg/year)**	**0**	
			Total GHG Reduction (kg/year)	**0**	
			Total GHG Difference (kg/year)	**0**	
OLD COLONY					
606264	PLYMOUTH- IMPROVEMENTS ON OBERY STREET, FROM SOUTH STREET TO A.A. CARANCI WAY/PLYMOUTH NORTH H.S. DRIVE INTERSECTION	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	583,160	
607337	PEMBROKE- INTERSECTION IMPROVEMENTS AND RELATED WORK AT WASHINGTON STREET (ROUTE 53) AND PLEASANT STREET	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	170,714	
607438	EASTON- INTERSECTION IMPROVEMENTS AT WASHINGTON STREET (ROUTE 138) AND UNION STREET	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	326,293	
607860	WHITMAN- TRAFFIC SIGNAL IMPROVEMENTS & RELATED WORK ON BEDFORD STREET (ROUTE 18) AT 2 LOCATIONS: AUBURN STREET (ROUTE 14) & TEMPLE STREET (ROUTE 27)	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	133,711	
2018	**REGION: OLD COLONY**		**Total GHG Increase (kg/year)**	**0**	
			Total GHG Reduction (kg/year)	**-1,213,878**	
			Total GHG Difference (kg/year)	**-1,213,878**	
PIONEER VALLEY					
600936	HOLYOKE- BRIDGE REPLACEMENT, H-21-018, LYMAN STREET OVER FIRST LEVEL CANAL	Qualitative	No assumed impact/negligible impact on emissions	0	
603449	WESTFIELD- ROUTE 20 ACCESS IMPROVEMENTS ON COURT STREET & WESTERN AVENUE, FROM LLEWELLYN DRIVE EASTERLY TO LLOYDS HILL ROAD (PHASE I)	0	N/A	0	See above
603449	WESTFIELD- ROUTE 20 ACCESS IMPROVEMENTS ON COURT STREET & WESTERN AVENUE, FROM LLEWELLYN DRIVE EASTERLY TO LLOYDS HILL ROAD (PHASE I)	Quantified	Quantified Decrease in Emissions from Complete Streets Project	3,224	
604203	AGAWAM- INTERSECTION IMPROVEMENTS AT ROUTE 187 & ROUTE 57	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
604597	NORTHAMPTON- IMPROVEMENTS ON I-91 INTERCHANGE 19 AT ROUTE 9 AND DAMON ROAD	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	17,566	
604738	SOUTHAMPTON- RECONSTRUCTION OF GLENDALE ROAD (PHASE II) FROM COLLEGE HIGHWAY (RT 10) NORTHWESTERLY TO POMEROY MEADOW RD (3,801 FEET)	Quantified	Quantified Decrease in Emissions from Complete Streets Project	1,462	
607474	GRANBY- SOUTH HADLEY- RESURFACING & RELATED WORK ON ROUTE 202, FROM LYMAN STREET SOUTH HADLEY TO PLEASANT STREET GRANBY (2 MILES)	Qualitative	Qualitative Decrease in Emissions	0	
607589	SPRINGFIELD- NORTH END PEDESTRIAN PATH CONSTRUCTION (UNDER THE CONNECTICUT RIVER RAILROAD), BETWEEN PLAINFIELD STREET AND BIRNIE AVENUE, INCLUDES CONSTRUCTION OF NEW BRIDGE S-24-044	Qualitative	No assumed impact/negligible impact on emissions	0	
607736	CHICOPEE- SIGNAL & INTERSECTION IMPROVEMENTS AT 11 INTERSECTIONS ALONG ROUTE 33 (MEMORIAL DRIVE), FROM FULLER ROAD TO BRITTON STREET	Qualitative	Qualitative Decrease in Emissions	0	To be Quantified
607939	CUMMINGTON- BRIDGE MAINTENANCE, C-21-025, ROUTE 9 OVER THE WESTFIELD RIVER	Qualitative	No assumed impact/negligible impact on emissions	0	
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	
608253	PALMER- RESURFACING AND RELATED WORK ON ROUTE 67, FROM 0.3 MILES EAST OF ROUTE 20 TO THE WARREN T.L. (5 MILES)	Qualitative	No assumed impact/negligible impact on emissions	0	
2018	**REGION: PIONEER VALLEY**		**Total GHG Increase (kg/year)**	**0**	
			Total GHG Reduction (kg/year)	**-24,235**	
			Total GHG Difference (kg/year)	**-24,235**	
SOUTHEASTERN MASSACHUSETTS					
117106	WAREHAM - RECONSTRUCTION OF ROUTE 6 & 28, FROM 500 FT. EAST OF TYLER AVENUE TO RED BROOK ROAD (1.65 miles)	Qualitative	No assumed impact/negligible impact on emissions	0	
117106	WAREHAM - RECONSTRUCTION OF ROUTE 6 & 28, FROM 500 FT. EAST OF TYLER AVENUE TO RED BROOK ROAD (1.65 miles)	Qualitative	No assumed impact/negligible impact on emissions	0	
605677	MATTAPOISETT - MULTI-USE PATH CONSTRUCTION (PENN CENTRAL RIGHT OF WAY), FROM MATTAPOISETT NECK ROAD TO DEPOT STREET (PHASE 1B)	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	0	
605677	MATTAPOISETT- MULTI-USE PATH CONSTRUCTION (PENN CENTRAL RIGHT OF WAY), FROM MATTAPOISETT NECK ROAD TO DEPOT STREET (PHASE 1B)	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	0	
605677	MATTAPOISETT - MULTI-USE PATH CONSTRUCTION (PENN CENTRAL RIGHT OF WAY), FROM MATTAPOISETT NECK ROAD TO DEPOT STREET (PHASE 1B)	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	2,644	
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	

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
607531	NORTON - EAST MAIN STREET (ROUTE 123), FROM PINE STREET TO I-495, CORRIDOR IMPROVEMENTS PLUS TRAFFIC SIGNAL INSTALLATION ON ROUTE I-495 (NB & SB) RAMP	Qualitative	Qualitative Decrease in Emissions	0	
607566	SEEKONK- REHOBOTH- INTERSTATE MAINTENANCE & RELATED WORK ON I-195	Qualitative	No assumed impact/negligible impact on emissions	0	
607566	SEEKONK- REHOBOTH- INTERSTATE MAINTENANCE & RELATED WORK ON I-195	Qualitative	No assumed impact/negligible impact on emissions	0	
608377	DARTMOUTH- NEW BEDFORD- INTERSTATE MAINTENANCE AND RELATED WORK ON I-195	Qualitative	No assumed impact/negligible impact on emissions	0	
2018	**REGION: SOUTHEASTERN MASSACHUSETTS**		**Total GHG Increase (kg/year)**	**0**	
			Total GHG Reduction (kg/year)	**-3,805**	
			Total GHG Difference (kg/year)	**-3,805**	
STATEWIDE					
606938	STATEWIDE- EXPANSION OF CCTV, VMS AND THE TRAFFIC SENSOR NETWORK	0	N/A	0	
607898	DISTRICT 5- BRIDGE CLEANING ALONG I-495, ROUTE 25, ROUTE 6 & ROUTE 28	0	N/A	0	
608581	STATEWIDE- VARIOUS SAFETY STRATEGIES TO ADDRESS SHSP -TO BE DETERMINED (2018)	0	N/A	0	
608607	DISTRICTS 3 AND 5 - ITS EQUIPMENT (CCTV CAMERAS, TRAFFIC SENSORS, AND VMS) FOR HIGHWAY OPERATIONS	0	N/A	0	
608623	SAFE ROUTES TO SCHOOLS - PROJECTS (2018)	0	N/A	0	
608625	SAFE ROUTES TO SCHOOLS - PLANNING AND DESIGN (2018)	0	N/A	0	
608651	STATEWIDE CMAQ- ADAPTIVE SIGNAL CONTROLS AT VARIOUS INTERSECTIONS (2018)	0	N/A	0	
ABPGAN	ABP GANS DEBT SERVICE	0	N/A	0	
BR18	BRIDGE INSPECTION	0	N/A	0	
EWO	AWARD ADJUSTMENTS, CHANGE ORDERS, PROJECT VALUE CHANGES, ETC.	0	N/A	0	
MSC	STATEWIDE DESIGN AND RIGHT OF WAY	0	N/A	0	
MSC18	DBES, MISC PROGRAMS	0	N/A	0	
RRC	STATEWIDE RAILROAD CROSSING HAZARD ELIMINATION CONTRACTS	0	N/A	0	
RRC	STATEWIDE RAILROAD CROSSING PROTECTIVE DEVICES CONTRACTS	0	N/A	0	
SPR218	STATEWIDE PLANNING AND RESEARCH WORK PROGRAM II (SPR II), RESEARCH	0	N/A	0	
SRT18	STATEWIDE RECREATIONAL TRAILS	0	N/A	0	

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
UPWP19	METROPOLITAN PLANNING FOR THE UNIFIED PLANNING WORK PROGRAM	0	N/A	0	
2018	**REGION: STATEWIDE**		**Total GHG Increase (kg/year)**	**0**	
			Total GHG Reduction (kg/year)	**0**	
			Total GHG Difference (kg/year)	**0**	
2018			**Total GHG Increase (kg/year)**	**113,400**	
			Total GHG Reduction (kg/year)	**-3,961,187**	
			Total GHG Difference (kg/year)	**-3,847,787**	
BERKSHIRE					
603255	PITTSFIELD- BRIDGE REPLACEMENT, P-10-049, LAKEWAY DRIVE OVER ONOTA LAKE	Qualitative	No assumed impact/negligible impact on emissions	0	
606233	PITTSFIELD- INTERSECTION & SIGNAL IMPROVEMENTS AT FIRST STREET & NORTH STREET (NEAR BERKSHIRE MEDICAL CENTER)	Qualitative	Qualitative Decrease in Emissions	0	Not yet enough information to generate an estimate
606233	PITTSFIELD- INTERSECTION & SIGNAL IMPROVEMENTS AT FIRST STREET & NORTH STREET (NEAR BERKSHIRE MEDICAL CENTER)	Qualitative	Qualitative Decrease in Emissions	0	Not yet enough information to generate an estimate
606233	PITTSFIELD- INTERSECTION & SIGNAL IMPROVEMENTS AT FIRST STREET & NORTH STREET (NEAR BERKSHIRE MEDICAL CENTER)	Qualitative	Qualitative Decrease in Emissions	0	Not yet enough information to generate an estimate
607756	GREAT BARRINGTON- INTERSECTION & SIGNAL IMPROVEMENTS ON US 7 (SOUTH MAIN STREET) AT SR 23 & SR 41 (MAPLE AVENUE)	Qualitative	Qualitative Decrease in Emissions	0	
608243	NEW MARLBOROUGH- BRIDGE REPLACEMENT, N-08-010, UMPACHENE FALLS OVER KONKAPOT RIVER	Qualitative	No assumed impact/negligible impact on emissions	0	
608263	SHEFFIELD- BRIDGE REPLACEMENT, S-10-019, BERKSHIRE SCHOOL ROAD OVER SCHENOB BROOK	Qualitative	No assumed impact/negligible impact on emissions	0	
608465	LENOX- LEE- STOCKBRIDGE- RESURFACING AND RELATED WORK ON ROUTE 7	Qualitative	Qualitative Decrease in Emissions	0	
608523	PITTSFIELD- BRIDGE REPLACEMENT, P-10-042, NEW ROAD OVER W BRANCH 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)	**0**	
			Total GHG Difference (kg/year)	**0**	
BOSTON					
1570	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	Quantified	RTP project included in the statewide model	0	

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
1570	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	Quantified	RTP project included in the statewide model	0	
601630	WEYMOUTH- ABINGTON- RECONSTRUCTION & WIDENING ON ROUTE 18 (MAIN STREET) FROM HIGHLAND PLACE TO ROUTE 139 (4.0 MILES) INCLUDES REPLACING W-32-013, ROUTE 18 OVER THE OLD COLONY RAILROAD (MBTA)	Quantified	RTP project included in the statewide model	0	
604173	BOSTON- BRIDGE REHABILITATION, B-16-016, NORTH WASHINGTON STREET OVER THE BOSTON INNER HARBOR	Qualitative	Qualitative Decrease in 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	Qualitative Decrease in Emissions	0	
605034	NATICK- RECONSTRUCTION OF ROUTE 27 (NORTH MAIN STREET), FROM NORTH AVENUE TO THE WAYLAND T.L.	Quantified	Quantified Decrease in Emissions from Complete Streets Project	177,811	
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	
605789	BOSTON- RECONSTRUCTION OF MELNEA CASS BOULEVARD	Quantified	N/A	0	TBD; need intersection analysis
605789	BOSTON- RECONSTRUCTION OF MELNEA CASS BOULEVARD	Quantified	N/A	0	TBD; need intersection analysis
605789	BOSTON- RECONSTRUCTION OF MELNEA CASS BOULEVARD	Quantified	N/A	0	TBD; need intersection analysis
605789	BOSTON- RECONSTRUCTION OF MELNEA CASS BOULEVARD	Quantified	N/A	0	TBD; need intersection analysis
605789	BOSTON- RECONSTRUCTION OF MELNEA CASS BOULEVARD	Quantified	N/A	0	TBD; need intersection analysis
606043	HOPKINTON- SIGNAL & INTERSECTION IMPROVEMENTS ON ROUTE 135	Quantified	Quantified Decrease in Emissions from Complete Streets Project	1,194,782	
606043	HOPKINTON- SIGNAL & INTERSECTION IMPROVEMENTS ON ROUTE 135	Quantified	Quantified Decrease in Emissions from Complete Streets Project	0	
606043	HOPKINTON- SIGNAL & INTERSECTION IMPROVEMENTS ON ROUTE 135	Quantified	Quantified Decrease in Emissions from Complete Streets Project	0	
607428	HOPEDALE- MILFORD- RESURFACING & INTERSECTION IMPROVEMENTS ON ROUTE 16 (MAIN STREET), FROM WATER STREET WEST TO APPROXIMATELY 120 FEET WEST OF THE MILFORD/HOPEDALE T.L AND THE INTERSECTION OF ROUTE 140.	Quantified	Quantified Decrease in Emissions from Complete Streets Project	186,883	
607428	HOPEDALE- MILFORD- RESURFACING & INTERSECTION IMPROVEMENTS ON ROUTE 16 (MAIN STREET), FROM WATER STREET WEST TO APPROXIMATELY 120 FEET WEST OF THE MILFORD/HOPEDALE T.L AND THE INTERSECTION OF ROUTE 140.	Quantified	Quantified Decrease in Emissions from Complete Streets Project	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	
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	

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
607652	EVERETT- RECONSTRUCTION OF FERRY STREET, SOUTH FERRY STREET AND A PORTION OF ELM STREET	Quantified	Quantified Decrease in Emissions from Complete Streets Project	415,498	
607759	BOSTON- INTERSECTION & SIGNAL IMPROVEMENTS AT THE VFW PARKWAY & SPRING STREET	Quantified	N/A	0	To be determined
607763	MILTON- INTERSECTION & SIGNAL IMPROVEMENTS AT 2 LOCATIONS: SR 138 (BLUE HILL AVENUE) AT ATHERTON STREET & BRADLEE ROAD AND SR 138 (BLUE HILL AVENUE) AT MILTON STREET & DOLLAR LANE	Quantified	N/A	0	To be determined
607888	BOSTON- BROOKLINE- MULTI-USE PATH CONSTRUCTION ON NEW FENWAY	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	96,163	
608052	NORWOOD- INTERSECTION & SIGNAL IMPROVEMENTS AT US 1 (PROVIDENCE HIGHWAY) & MORSE STREET	Quantified	N/A	0	To be determined
608079	SHARON- BRIDGE REPLACEMENT, S-09-003 (40N), MASKWONICUT STREET OVER AMTRAK/MBTA	Qualitative	Qualitative Decrease in Emissions	0	
608205	READING TO LYNNFIELD- GUIDE AND TRAFFIC SIGN REPLACEMENT ON A SECTION OF I-95 (SR 128)	Qualitative	No assumed impact/negligible impact on emissions	0	
608206	CHELSEA TO DANVERS- GUIDE AND TRAFFIC SIGN REPLACEMENT ON A SECTION OF US ROUTE 1	Qualitative	No assumed impact/negligible impact on emissions	0	
608214	WINCHESTER- STORMWATER IMPROVEMENTS ALONG ROUTE 3	Qualitative	No assumed impact/negligible impact on emissions	0	
608219	READING- WAKEFIELD- INTERSTATE MAINTENANCE AND RELATED WORK ON I-95	Qualitative	No assumed impact/negligible impact on emissions	0	
608234	BOSTON- RANDOLPH- BRIDGE PRESERVATION OF 3 BRIDGES: B-16-165, R-01-005 & R-01-007	Qualitative	No assumed impact/negligible impact on emissions	0	
608255	STOW- BRIDGE REPLACEMENT, S-29-011, BOX MILL ROAD OVER ELIZABETH BROOK	Qualitative	No assumed impact/negligible impact on emissions	0	
608352	SALEM- CANAL STREET RAIL TRAIL CONSTRUCTION (PHASE 2)	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	9,979	
608467	MARLBOROUGH- SUDBURY- RESURFACING AND RELATED WORK ON ROUTE 20	Qualitative	No assumed impact/negligible impact on emissions	0	
608468	PEABODY- DANVERS- RESURFACING AND RELATED WORK ON ROUTE 1	Qualitative	No assumed impact/negligible impact on emissions	0	
608599	CANTON-FOXBOROUGH-NORWOOD-WALPOLE- STORMWATER IMPROVEMENTS ALONG ROUTE 1, ROUTE 1A, AND INTERSTATE 95	Qualitative	No assumed impact/negligible impact on emissions	0	
608608	Braintree - Highway Lighting Improvements at I-93/ Route 3 Interchange	Qualitative	No assumed impact/negligible impact on emissions	0	
2019	**REGION: BOSTON**		**Total GHG Increase (kg/year)**	**0**	
			Total GHG Reduction (kg/year)	**-2,081,116**	
			Total GHG Difference (kg/year)	**-2,081,116**	

CAPE COD

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
606272	BARNSTABLE- INTERSECTION IMPROVEMENTS AT IYANOUGH ROAD (ROUTE 28) AND YARMOUTH ROAD	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	623,168	Total programmed with 8% inflation = $6,646,775 = $1,046,285 CMAQ + $540,800 Statewide CMAQ + $458,514 HSIP + $193,036 TAP + $4,408,140 STP. 25% design sumitted. RSA performed. CMAQ analysis to be performed. Score = 83.
606272	BARNSTABLE- INTERSECTION IMPROVEMENTS AT IYANOUGH ROAD (ROUTE 28) AND YARMOUTH ROAD	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	0	Total programmed with 8% inflation = $6,646,775 = $1,046,285 CMAQ + $540,800 Statewide CMAQ + $458,514 HSIP + $193,036 TAP + $4,408,140 STP. 25% design sumitted. RSA performed. CMAQ analysis to be performed. Score = 83.
606272	BARNSTABLE- INTERSECTION IMPROVEMENTS AT IYANOUGH ROAD (ROUTE 28) AND YARMOUTH ROAD	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	0	Total programmed with 8% inflation = $6,646,775 = $1,046,285 CMAQ + $540,800 Statewide CMAQ + $458,514 HSIP + $193,036 TAP + $4,408,140 STP. 25% design sumitted. RSA performed. CMAQ analysis to be performed. Score = 83.
606272	BARNSTABLE- INTERSECTION IMPROVEMENTS AT IYANOUGH ROAD (ROUTE 28) AND YARMOUTH ROAD	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	0	Total programmed with 8% inflation = $6,646,775 = $1,046,285 CMAQ + $540,800 Statewide CMAQ + $458,514 HSIP + $193,036 TAP + $4,408,140 STP. 25% design sumitted. RSA performed. CMAQ analysis to be performed. Score = 83.
606272	BARNSTABLE- INTERSECTION IMPROVEMENTS AT IYANOUGH ROAD (ROUTE 28) AND YARMOUTH ROAD	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	0	Total programmed with 8% inflation = $6,646,775 = $1,046,285 CMAQ + $540,800 Statewide CMAQ + $458,514 HSIP + $193,036 TAP + $4,408,140 STP. 25% design sumitted. RSA performed. CMAQ analysis to be performed. Score = 83.
608571	BOURNE TO FALMOUTH - GUIDE AND TRAFFIC SIGN REPLACEMENT ON A SECTION OF ROUTE 28	Qualitative	Qualitative Decrease in Emissions	0	This project is in the preliminary design phase. Score = 38.
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

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
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 are 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	56,950	
606125	UPTON - RECONSTRUCTION OF HARTFORD AVENUE NORTH, HIGH STREET AND HOPKINTON ROAD (PHASE 1)	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	0	GHG Numbers are calculated above
606125	UPTON - RECONSTRUCTION OF HARTFORD AVENUE NORTH, HIGH STREET AND HOPKINTON ROAD (PHASE 1)	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	442,393	
607250	PAXTON - RECLAMATION ON ROUTE 31 (HOLDEN ROAD)	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	0	GHG Numbers are calculated above
607250	PAXTON - RECLAMATION ON ROUTE 31 (HOLDEN ROAD)	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	100	
607757	WORCESTER - SIGNAL & INTERSECTION IMPROVEMENTS ON ROUTE SR 122 (PROVIDENCE STREET) AT MILLBURY STREET & MCKEON ROAD	Qualitative	Qualitative Decrease in Emissions	0	Quantitative Estimate TBD
608190	EAST BROOKFIELD - BRIDGE REPLACEMENT, E-02-001, SOUTH POND OVER SOUTH POND INLET	Qualitative	No assumed impact/negligible impact on emissions	0	
608237	WORCESTER - BOYLSTON - NORTHBOROUGH - STRUCTURAL STEEL CLEANING AND PAINTING OF OVERHEAD BRIDGES ON I-290	Qualitative	No assumed impact/negligible impact on emissions	0	
2019	**REGION: CENTRAL MASSACHUSETTS**		**Total GHG Increase (kg/year)**	**0**	
			Total GHG Reduction (kg/year)	**-499,443**	
			Total GHG Difference (kg/year)	**-499,443**	
FRANKLIN					
601186	GREENFIELD- MONTAGUE- BRIDGE REHABILITATION, G-12-020=M-28-001, MONTAGUE CITY ROAD OVER CONNECTICUT RIVER (GENERAL PIERCE BR)	Qualitative	No assumed impact/negligible impact on emissions	0	
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	472	
607182	DEERFIELD- BERNARDSTON- GREENFIELD- INTERSTATE MAINTENANCE & RELATED WORK ON ROUTE I-91	Qualitative	Qualitative Decrease in Emissions	0	Qualitative decrease in emissions from pavement improvement
2019	**REGION: FRANKLIN**		**Total GHG Increase (kg/year)**	**0**	
			Total GHG Reduction (kg/year)	**-472**	
			Total GHG Difference (kg/year)	**-472**	
MARTHA'S VINEYARD					

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
607411	TISBURY- BIKE & PEDESTRIAN IMPROVEMENTS ALONG BEACH ROAD, FROM THE TERMINATION OF THE EXISTING SHARED USE PATH WESTERLY TO THE FIVE CORNERS INTERSECTION	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	1,025	AC Year 2 of 2
2019	**REGION: MARTHA S VINEYARD**		**Total GHG Increase (kg/year)**	**0**	
			Total GHG Reduction (kg/year)	**-1,025**	
			Total GHG Difference (kg/year)	**-1,025**	
MERRIMACK VALLEY					
602418	AMESBURY- RECONSTRUCTION OF ELM STREET	Qualitative	No assumed impact/negligible impact on emissions	0	
605306	HAVERHILL- SUPERSTRUCTURE REPLACEMENT,H-12-039, I-495 (NB & SB) OVER MERRIMACK RIVER	Qualitative	No assumed impact/negligible impact on emissions	0	
605753	GROVELAND- RECONSTRUCTION OF ROUTE 97 (SCHOOL STREET) FROM PARKER STREET TO GARDNER STREET	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	1,520	1,520 = Emission Reduction in CO2 kg per year.
608027	HAVERHILL - BRADFORD RAIL TRAIL EXTENSION, FROM ROUTE 125 TO RAILROAD STREET	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	0	2935 = Emission Reduction in CO2 kg per year.Quantity shown above in Regional CMAQ Target section.
608027	HAVERHILL - BRADFORD RAIL TRAIL EXTENSION, FROM ROUTE 125 TO RAILROAD STREET	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	0	2,935 = Emission Reduction in CO2 kg per year.Quantity shown above in Regional CMAQ Target section.
608027	HAVERHILL - BRADFORD RAIL TRAIL EXTENSION, FROM ROUTE 125 TO RAILROAD STREET	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	2,935	2,935 = Emission Reduction in CO2 kg per year.
608187	HAVERHILL- MERRIMAC- AMESBURY- TRAFFIC & GUIDE SIGN REPLACEMENT ON A SECTION OF I-495	Qualitative	No assumed impact/negligible impact on emissions	0	
MV0001	FLEX TO FTA FOR MVRTA NEW BUS UPGRADE TO CLEANER FUEL BUSES	Qualitative	Qualitative Decrease in Emissions	0	Not yet enough information to generate an estimate.
2019	**REGION: MERRIMACK VALLEY**		**Total GHG Increase (kg/year)**	**0**	
			Total GHG Reduction (kg/year)	**-4,455**	
			Total GHG Difference (kg/year)	**-4,455**	
MONTACHUSETT					
604961	CLINTON- RESURFACING & RELATED WORK ON ROUTE 110 (HIGH STREET)	Qualitative	No assumed impact/negligible impact on emissions	0	
605651	LEOMINSTER- RECONSTRUCTION ON ROUTE 13, FROM HAWES STREET TO PROSPECT STREET	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	0	See HSIP Above.
605651	LEOMINSTER- RECONSTRUCTION ON ROUTE 13, FROM HAWES STREET TO PROSPECT STREET	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	138,448	

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
605651	LEOMINSTER- RECONSTRUCTION ON ROUTE 13, FROM HAWES STREET TO PROSPECT STREET	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	0	See HSIP Above.
605651	LEOMINSTER- RECONSTRUCTION ON ROUTE 13, FROM HAWES STREET TO PROSPECT STREET	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	0	See HSIP Above.
607446	WESTMINSTER- INTERSECTION IMPROVEMENTS, ROUTE 2A AT ROUTE 140	Qualitative	Qualitative Decrease in Emissions	0	
607604	STERLING- WEST BOYLSTON- IMPROVEMENTS ON ROUTE 140 AT I-190	Qualitative	No assumed impact/negligible impact on emissions	0	
607770	LUNENBURG- RESURFACING & RELATED WORK ON ROUTE 13 (CHASE ROAD), FROM NORTHFIELD ROAD TO THE TOWNSEND T.L.	Qualitative	No assumed impact/negligible impact on emissions	0	
608193	FITCHBURG- LEOMINSTER- RAIL TRAIL CONSTRUCTION (TWIN CITIES RAIL TRAIL)	Qualitative	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	186,768	
608259	TOWNSEND- BRIDGE REPLACEMENT, T-07-013, WEST MEADOW ROAD OVER LOCKE BROOK	Qualitative	No assumed impact/negligible impact on emissions	0	
608260	ATHOL- BRIDGE REPLACEMENT, A-15-005, WASHINGTON AVE OVER ATHOL POND OUTLET	Qualitative	No assumed impact/negligible impact on emissions	0	
608594	LANCASTER - STORMWATER IMPROVEMENTS ALONG ROUTE 2	Qualitative	No assumed impact/negligible impact on emissions	0	
608612	ATHOL- BRIDGE REPLACEMENT, A-15-008, CRESCENT STREET OVER MILLERS RIVER	Qualitative	No assumed impact/negligible impact on emissions	0	
2019	**REGION: MONTACHUSETT**		**Total GHG Increase (kg/year)**	**0**	
			Total GHG Reduction (kg/year)	**-325,216**	
			Total GHG Difference (kg/year)	**-325,216**	
NANTUCKET					
NT0001	INTERSECTION IMPROVEMENTS AT SURFSIDE ROAD AND BARTLETT ROAD	Quantified	Qualitative Decrease in Emissions	0	Quantified decrease in emissions noted in FFY 2019 Section 1A: CMAQ
NT0001	INTERSECTION IMPROVEMENTS AT SURFSIDE ROAD AND BARTLETT ROAD	Quantified	Qualitative Decrease in Emissions	76,541	
2019	**REGION: NANTUCKET**		**Total GHG Increase (kg/year)**	**0**	
			Total GHG Reduction (kg/year)	**-76,541**	
			Total GHG Difference (kg/year)	**-76,541**	
NORTHERN MIDDLESEX					
605966	LOWELL- RECONSTRUCTION & RELATED WORK ON VFW PARKWAY	Qualitative	No assumed impact/negligible impact on emissions	0	
605966	LOWELL- RECONSTRUCTION & RELATED WORK ON VFW PARKWAY	Qualitative	No assumed impact/negligible impact on emissions	0	
607401	CHELMSFORD-TRAFFIC SIGNAL INSTALLATION AT ROUTE 110 & ROUTE 495 (2 LOCATIONS)	Qualitative	Qualitative Decrease in Emissions	0	
607534	TEWKSBURY - MILL STREET OVER THE SHAWSHEEN RIVER (BR-OFF)	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
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	104,818	
608257	LOWELL- DECK REPLACEMENT, L-15-068 (2H5), LOWELL CONNECTOR (NB) OVER INDUSTRIAL AVENUE EAST	Qualitative	No assumed impact/negligible impact on emissions	0	
2019	**REGION: NORTHERN MIDDLESEX**		**Total GHG Increase (kg/year)**	**0**	
			Total GHG Reduction (kg/year)	**-104,818**	
			Total GHG Difference (kg/year)	**-104,818**	
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 Other Improvements	1,525	
607941	EAST BRIDGEWATER- RESURFACING AND SIDEWALK CONSTRUCTION ON BEDFORD STREET (ROUTE 18), FROM WHITMAN STREET (ROUTE 106) TO CENTRAL STREET	0	N/A	0	
608086	AVON - INTERSECTION IMPROVEMENTS AT HARRISON BOULEVARD AND POND STREET	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	1,714,759	
608088	BROCKTON- CORRIDOR IMPROVEMENTS ON ROUTE 123 (BELMONT STREET), FROM ANGUS BEATON DRIVE TO WEST STREET	0	N/A	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	227,026	
608143	BROCKTON- INTERSECTION IMPROVEMENTS AT NORTH QUINCY STREET, BOUNDARY AVENUE AND CHESTNUT STREET	0	Quantified Decrease in Emissions from Traffic Operational Improvement	0	
608143	BROCKTON- INTERSECTION IMPROVEMENTS AT NORTH QUINCY STREET, BOUNDARY AVENUE AND CHESTNUT STREET	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	505,089	
2019	**REGION: OLD COLONY**		**Total GHG Increase (kg/year)**	**0**	
			Total GHG Reduction (kg/year)	**-2,448,400**	
			Total GHG Difference (kg/year)	**-2,448,400**	
PIONEER VALLEY					
600513	AGAWAM- RECONSTRUCTION OF ROUTE 187 FROM 425 FT. SOUTH OF S. WESTFIELD STREET TO ROUTE 57 (0.3 MILES - PHASE I)	Qualitative	Qualitative Decrease in Emissions	0	To be Quantified
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	Qualitative	Qualitative Decrease in Emissions	0	
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	Qualitative	Qualitative Decrease in Emissions	0	

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
604209	HOLYOKE- WEST SPRINGFIELD- REHABILITATION OF ROUTE 5 (RIVERDALE ROAD), FROM I-91 (INTERCHANGE 13) TO MAIN STREET IN HOLYOKE & FROM ELM STREET TO NORTH ELM STREET IN WEST SPRINGFIELD (3.2 MILES)	Qualitative	Qualitative Decrease in Emissions	0	To be Quantified
606156	HOLYOKE- RECONSTRUCTION OF I-91 INTERCHANGE 17 & ROUTE 141	Quantified	Quantified Decrease in Emissions from Complete Streets Project	3,963	
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	
606555	NORTHAMPTON- ROUNDABOUT CONSTRUCTION AT INTERSECTION ROUTES 5/10 (NORTH KING STREET) & HATFIELD STREET	Qualitative	Qualitative Decrease in Emissions	0	
607256	HOLYOKE- RESURFACING & RELATED WORK ON HERITAGE STREET, FRONT STREET & DWIGHT STREET FROM MAPLE ST TO THE 1ST LEVEL CANAL (.54 MILES)	Quantified	Quantified Decrease in Emissions from Complete Streets Project	3,227	
607560	CHICOPEE- HOLYOKE- INTERSTATE MAINTENANCE & RELATED WORK ON I-391	Qualitative	Qualitative Decrease in Emissions	0	
607560	CHICOPEE- HOLYOKE- INTERSTATE MAINTENANCE & RELATED WORK ON I-391	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	
607987	WARE- INTERSECTION IMPROVEMENTS @ MAIN STREET, WEST STREET, NORTH STREET, SOUTH STREET & CHURCH STREET	Qualitative	Qualitative Decrease in Emissions	0	To be Quantified
608084	AMHERST- IMPROVEMENTS & RELATED WORK ON ROUTES 9 & 116, FROM UNIVERSITY DRIVE TO SOUTH PLEASANT STREET (0.8 MILES)	Quantified	Quantified Decrease in Emissions from Complete Streets Project	3,963	
608249	MIDDLEFIELD- BRIDGE REPLACEMENT, M-19-010, CHESTER ROAD OVER SMART BROOK	Qualitative	No assumed impact/negligible impact on emissions	0	
608258	HUNTINGTON, BRIDGE PRESERVATION, BRIDGE NO. H-27-007	Qualitative	No assumed impact/negligible impact on emissions	0	
608466	BELCHERTOWN- GRANBY- RESURFACING AND RELATED WORK ON ROUTE 202	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	
2019	**REGION: PIONEER VALLEY**		**Total GHG Increase (kg/year)**	**0**	
			Total GHG Reduction (kg/year)	**-12,443**	
			Total GHG Difference (kg/year)	**-12,443**	
SOUTHEASTERN MASSACHUSETTS					
117106	WAREHAM - RECONSTRUCTION OF ROUTE 6 & 28, FROM 500 FT. EAST OF TYLER AVENUE TO RED BROOK ROAD (1.65 miles)	Qualitative	No assumed impact/negligible impact on emissions	0	

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
606709	NEW BEDFORD - CORRIDOR IMPROVEMENTS AND RELATED WORK ON KINGS HIGHWAY, FROM CHURCH STREET TO THE KINGS HIGHWAY BRIDGE (N-06-036) OVER ROUTE 140	Qualitative	Qualitative Decrease in Emissions	0	Insufficient information at present time to complete analysis
606709	NEW BEDFORD - CORRIDOR IMPROVEMENTS AND RELATED WORK ON KINGS HIGHWAY, FROM CHURCH STREET TO THE KINGS HIGHWAY BRIDGE (N-06-036) OVER ROUTE 140	Qualitative	Qualitative Decrease in Emissions	0	Insufficient information at present time to complete analysis
606709	NEW BEDFORD - CORRIDOR IMPROVEMENTS AND RELATED WORK ON KINGS HIGHWAY, FROM CHURCH STREET TO THE KINGS HIGHWAY BRIDGE (N-06-036) OVER ROUTE 140	Qualitative	Qualitative Decrease in Emissions	0	Insufficient information at present time to complete analysis
606709	NEW BEDFORD - CORRIDOR IMPROVEMENTS AND RELATED WORK ON KINGS HIGHWAY, FROM CHURCH STREET TO THE KINGS HIGHWAY BRIDGE (N-06-036) OVER ROUTE 140	Qualitative	Qualitative Decrease in Emissions	0	Insufficient information at present time to complete analysis
607304	DARTMOUTH- INTERSECTION IMPROVEMENTS & RELATED WORK AT CHASE ROAD & OLD WESTPORT ROAD	Qualitative	Qualitative Decrease in Emissions	0	Insufficient information at present time to complete analysis
607719	MIDDLEBOROUGH- INTERSECTION IMPROVEMENTS & RELATED WORK AT EVERETT SQUARE	Qualitative	No assumed impact/negligible impact on emissions	0	
608053	MANSFIELD- INTERSECTION & SIGNAL IMPROVEMENTS AT SR 140 (COMMERCIAL STREET) & SR 106 (CHAUNCEY STREET)	Qualitative	No assumed impact/negligible impact on emissions	0	Quantitative Estimates TBD
608215	FAIRHAVEN- STORMWATER IMPROVEMENTS ALONG ROUTE 240 AND ROUTE 6	Qualitative	No assumed impact/negligible impact on emissions	0	
608223	FALL RIVER- RESURFACING AND RELATED WORK ON ROUTE 24 (EXCLUDES MM 3.9-4.5)	Qualitative	Qualitative Decrease in Emissions	0	
608454	MIDDLEBOROUGH- CARVER- RESURFACING AND RELATED WORK ON ROUTE 44 FROM MM 21.75 TO 28.80	Qualitative	Qualitative Decrease in Emissions	0	
2019	**REGION: SOUTHEASTERN MASSACHUSETTS**		**Total GHG Increase (kg/year)**	**0**	
			Total GHG Reduction (kg/year)	**0**	
			Total GHG Difference (kg/year)	**0**	
STATEWIDE					
607487	STATEWIDE- EXPANSION OF CCTV, VMS AND THE TRAFFIC SENSOR NETWORK	0	N/A	0	
608141	DISTRICT 4- ITS CONSTRUCTION ON I-95, FROM EXIT 60 (SALISBURY) TO ROUTE 128 (PEABODY) 25.8 MILES	0	N/A	0	
608222	BOURNE- WAREHAM- RESURFACING AND RELATED WORK ON ROUTE 25	0	N/A	0	
608225	DISTRICT 1- ADA RETROFITS AT VARIOUS LOCATIONS	0	N/A	0	
608226	DISTRICT 2- ADA RETROFITS AT VARIOUS LOCATIONS	0	N/A	0	
608469	BOURNE- PLYMOUTH- PAVEMENT PRESERVATION AND RELATED WORK ON ROUTE 3	0	N/A	0	
608582	STATEWIDE- VARIOUS SAFETY STRATEGIES TO ADDRESS SHSP -TO BE DETERMINED (2019)	0	N/A	0	

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
608626	SAFE ROUTES TO SCHOOLS - PROJECTS (2019)	0	N/A	0	
608628	SAFE ROUTES TO SCHOOLS - PLANNING AND DESIGN (2019)	0	N/A	0	
ABPGAN	ABP GANS DEBT SERVICE	0	N/A	0	
BRI19	BRIDGE INSPECTION	0	N/A	0	
EWO	AWARD ADJUSTMENTS, CHANGE ORDERS, PROJECT VALUE CHANGES, ETC.	0	N/A	0	
MRIDES	MASSRIDES - TRAVEL OPTIONS PROGRAM	0	0	0	
MSC	STATEWIDE DESIGN AND RIGHT OF WAY	0	N/A	0	
MSC19	DBES, MISC PROGRAMS	0	N/A	0	
RRC	STATEWIDE RAILROAD CROSSING PROTECTIVE DEVICES CONTRACTS	0	N/A	0	
RRC	STATEWIDE RAILROAD CROSSING HAZARD ELIMINATION CONTRACTS	0	N/A	0	
SPR119	STATEWIDE PLANNING AND RESEARCH WORK PROGRAM I (SPR I), PLANNING	0	N/A	0	
SRT19	STATEWIDE RECREATIONAL TRAILS	0	N/A	0	
UPWP20	METROPOLITAN PLANNING FOR THE UNIFIED PLANNING WORK PROGRAM	0	N/A	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)**	**0**	
			Total GHG Reduction (kg/year)	**-6,177,097**	
			Total GHG Difference (kg/year)	**-6,177,097**	
BERKSHIRE					
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)	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	0	GHG Impact number can be found at Section 1D/ Statewide CMAQ below
607328	ADAMS- PAVEMENT REHABILITATION & RELATED WORK ON ROUTE 8	Qualitative	Qualitative Decrease in Emissions	0	Not yet enough information to generate an estimate
607328	ADAMS- PAVEMENT REHABILITATION & RELATED WORK ON ROUTE 8	Qualitative	Qualitative Decrease in Emissions	0	Not yet enough information to generate an estimate
608642	NEW MARLBOROUGH - BRIDGE 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 FALL ROAD OVER WHITING RIVER	Qualitative	No assumed impact/negligible impact on emissions	0	
608646	TYRINGHAM - BRIDGE REPLACEMENT, T-10-007, MONTEREY ROAD OVER HOP BROOK	Qualitative	No assumed impact/negligible impact on emissions	0	
608648	WILLIAMSTOWN - DECK PRESERVATION, BRIDGE NO. W-37-015, ROTUE 2 OVER THE GREEN RIVER	Qualitative	No assumed impact/negligible impact on emissions	0	
2020	**REGION: BERKSHIRE**		**Total GHG Increase (kg/year)**	**0**	
			Total GHG Reduction (kg/year)	**-23,423**	
			Total GHG Difference (kg/year)	**-23,423**	
BOSTON					
1570	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	Quantified	RTP project included in the statewide model	0	
1570	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	Quantified	RTP project included in the statewide model	0	
602077	LYNN- RECONSTRUCTION ON ROUTE 129 (LYNNFIELD STREET), FROM GREAT WOODS ROAD TO WYOMA SQUARE	Quantified	Quantified Decrease in Emissions from Complete Streets Project	0	
602077	LYNN- RECONSTRUCTION ON ROUTE 129 (LYNNFIELD STREET), FROM GREAT WOODS ROAD TO WYOMA SQUARE	Quantified	Quantified Decrease in Emissions from Complete Streets Project	15,422	
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	215,006	
602261	WALPOLE- RECONSTRUCTION ON ROUTE 1A (MAIN STREET), FROM THE NORWOOD T.L. TO ROUTE 27, INCLUDES W-03-024 OVER THE NEPONSET RIVER	Quantified	Quantified Decrease in Emissions from Complete Streets Project	0	
602261	WALPOLE- RECONSTRUCTION ON ROUTE 1A (MAIN STREET), FROM THE NORWOOD T.L. TO ROUTE 27, INCLUDES W-03-024 OVER THE NEPONSET RIVER	Quantified	Quantified Decrease in Emissions from Complete Streets Project	0	
604123	ASHLAND- RECONSTRUCTION ON ROUTE 126 (POND STREET), FROM THE FRAMINGHAM T.L. TO THE HOLLISTON T.L	Quantified	Quantified Decrease in Emissions from Complete Streets Project	0	
604123	ASHLAND- RECONSTRUCTION ON ROUTE 126 (POND STREET), FROM THE FRAMINGHAM T.L. TO THE HOLLISTON T.L	Quantified	Quantified Decrease in Emissions from Complete Streets Project	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	140,616	
604173	BOSTON- BRIDGE REHABILITATION, B-16-016, NORTH WASHINGTON STREET OVER THE BOSTON INNER HARBOR	Qualitative	Qualitative Decrease in 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	
606226	BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE	Quantified	RTP project included in the statewide model	0	

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
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	1,780,834	
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	
607329	WAKEFIELD- LYNNFIELD- RAIL TRAIL EXTENSION, FROM THE GALVIN MIDDLE SCHOOL TO LYNNFIELD/PEABODY T.L.	Quantified	N/A	0	To be determined
607977	HOPKINTON- WESTBOROUGH- RECONSTRUCTION OF I-90/I-495 INTERCHANGE	Quantified	RTP project included in the statewide model	0	
608009	BOXBOROUGH- BRIDGE REPLACEMENT, B-18-002, ROUTE 111 OVER I-495	Qualitative	No assumed impact/negligible impact on emissions	0	
608097	WOBURN- BRIDGE REPLACEMENT & RELATED WORK, W-43-028, WASHINGTON STREET OVER I-95	Qualitative	No assumed impact/negligible impact on emissions	0	
608208	QUINCY- MILTON- BOSTON- INTERSTATE MAINTENANCE & RELATED WORK ON I-93	Qualitative	No assumed impact/negligible impact on emissions	0	
608208	QUINCY- MILTON- BOSTON- INTERSTATE MAINTENANCE & RELATED WORK ON I-93	Qualitative	No assumed impact/negligible impact on emissions	0	
608478	CONCORD- RESURFACING AND RELATED WORK ON ROUTE 2	Qualitative	No assumed impact/negligible impact on emissions	0	
608480	FOXBOROUGH- WALPOLE- RESURFACING AND RELATED WORK ON ROUTE 1	Qualitative	No assumed impact/negligible impact on emissions	0	
608482	CAMBRIDGE- SOMERVILLE- RESURFACING AND RELATED WORK ON ROUTE 28	Qualitative	No assumed impact/negligible impact on emissions	0	
608483	WEYMOUTH- RESURFACING AND RELATED WORK ON ROUTE 3A	Qualitative	No assumed impact/negligible impact on emissions	0	
608596	ESSEX- BRIDGE PRESERVATION, E-11-001, ROUTE 133\MAIN STREET OVER ESSEX RIVER	Qualitative	No assumed impact/negligible impact on emissions	0	
608608	BRAINTREE - HIGHWAY LIGHTING IMPROVEMENTS AT I-93/ ROUTE 3 INTERCHANGE	Qualitative	No assumed impact/negligible impact on emissions	0	
608609	NEWTON - WESTWOOD, BRIDGE NO. N-12-0056 AND W-31-006: CLEA AND PAIT STRUCTURAL STEEL	Qualitative	No assumed impact/negligible impact on emissions	0	
608611	CANTON-MILTON-RANDOLPH, REPLACEMENT AND REHABILITATION OF THE HIGHWAY LIGHTING SYSTEM AT THE ROUTE 24/ROUTE1/I-93 INTERCHANGE.	Qualitative	No assumed impact/negligible impact on emissions	0	
608613	STONEHAM - BRIDGE REPLACEMENT, S-27-008, MARBLE STREET OVER I-93	Qualitative	No assumed impact/negligible impact on emissions	0	
608614	BOSTON - SUPERSTRUCTURE REPLACEMENT, B-16-179, AUSTIN STREET OVER I-93 RAMPS, MBTA COMMUTER RAIL AND ORANGE LINE	Qualitative	No assumed impact/negligible impact on emissions	0	
2020	**REGION: BOSTON**		**Total GHG Increase (kg/year)**	**0**	
			Total GHG Reduction (kg/year)	**-2,151,878**	
			Total GHG Difference (kg/year)	**-2,151,878**	

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
CAPE COD					
608598	ORLEANS - STORMWATER IMPROVEMENTS ALONG ROUTE 28	Qualitative	No assumed impact/negligible impact on emissions	0	This project is in the preliminary design phase. Score = 36.
2020	**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	
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	
605377	MILLBURY - RECONSTRUCTION OF MCCRACKEN ROAD AND GREENWOOD STREET, INCLUDES REHAB OF M-22-058, MCCRACKEN ROAD OVER ACCESS ROAD	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	6,925	
606125	UPTON - RECONSTRUCTION OF HARTFORD AVENUE NORTH, HIGH STREET AND HOPKINTON ROAD (PHASE II)	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	832	
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	
608057	WORCESTER - STORMWATER IMPROVEMENTS ALONG I-290 AND 122A	Qualitative	No assumed impact/negligible impact on emissions	0	
608573	UXBRIDGE TO WORCESTER - GUIDE & TRAFFIC SIGN REPLACEMENT ON A SECTION OF ROUTE 146	Qualitative	Qualitative Decrease in Emissions	0	
608589	WORCESTER - BRIDGE NO. W-44-082 (BIN 1TR AND 1TT): CLEAN AND PAINT STRUCTURE STEEL	Qualitative	No assumed impact/negligible impact on emissions	0	
608633	WEST BROOKFIELD - BRIDGE REPLACEMENT, W-19-009, FOSTER HILL ROAD OVER COYS BROOK	Qualitative	No assumed impact/negligible impact on emissions	0	
608638	DOUGLAS - BRIDGE REPLACEMENT, D-09-004, MANCHAUG STREET OVER MUMFORD RIVER	Qualitative	No assumed impact/negligible impact on emissions	0	
608640	SUTTON - BRIDGE REPLACEMENT, S-33-004, DEPOT STREET OVER BLACKSTONE RIVER	Qualitative	No assumed impact/negligible impact on emissions	0	
2020	**REGION: CENTRAL MASSACHUSETTS**		**Total GHG Increase (kg/year)**	**0**	
			Total GHG Reduction (kg/year)	**-9,957**	
			Total GHG Difference (kg/year)	**-9,957**	
FRANKLIN					

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
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	
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	
606309	ORANGE- BRIDGE REPLACEMENT, O-03-021, ROUTE 2 OVER ROUTE 202	Qualitative	No assumed impact/negligible impact on emissions	0	
607245	SUNDERLAND- RESURFACING & RELATED WORK ON A SECTION OF NORTH MAIN STREET (ROUTE 47), FROM ROUTE 116 TO CLAYBROOK DRIVE	Qualitative	No assumed impact/negligible impact on 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	
608474	MONTAGUE- RESURFACING AND RELATED WORK ON ROUTE 63	Qualitative	Qualitative Decrease in Emissions	0	Qualitative decrease in emissions from pavement improvement
608632	LEVERETT - BRIDGE REPLACEMENT, L-09-009, OLD COKE KILN ROAD OVER SAWMILL RIVER	Qualitative	No assumed impact/negligible impact on emissions	0	
2020	**REGION: FRANKLIN**		**Total GHG Increase (kg/year)**	**0**	
			Total GHG Reduction (kg/year)	**-1,982**	
			Total GHG Difference (kg/year)	**-1,982**	
MARTHA'S VINEYARD					
608142	OAK BLUFFS- CONSTRUCTION OF A SHARED USE PATH ALONG BEACH ROAD, FROM THE LAGOON POND BRIDGE NORTHERLY TO THE EASTVILLE AVENUE/COUNTY ROAD INTERSECTION	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	0	AC Year 1 of 2, see year 2 for quantified decrease.
608142	OAK BLUFFS- CONSTRUCTION OF A SHARED USE PATH ALONG BEACH ROAD, FROM THE LAGOON POND BRIDGE NORTHERLY TO THE EASTVILLE AVENUE/COUNTY ROAD INTERSECTION	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	0	AC Year 1 of 2, see year 2 for quantified decrease.
608142	OAK BLUFFS- CONSTRUCTION OF A SHARED USE PATH ALONG BEACH ROAD, FROM THE LAGOON POND BRIDGE NORTHERLY TO THE EASTVILLE AVENUE/COUNTY ROAD INTERSECTION	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	0	AC Year 1 of 2, see year 2 for quantified decrease.
2020	**REGION: MARTHA S VINEYARD**		**Total GHG Increase (kg/year)**	**0**	
			Total GHG Reduction (kg/year)	**0**	
			Total GHG Difference (kg/year)	**0**	
MERRIMACK VALLEY					
602418	AMESBURY- RECONSTRUCTION OF ELM STREET	Qualitative	No assumed impact/negligible impact on emissions	0	
607542	GEORGETOWN- NEWBURY- BORDER TO BOSTON TRAIL (NORTHERN GEORGETOWN SECTION)	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	17,460	17,460 = Emission Reduction in CO2 kg per year.

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
608298	GROVELAND- GROVELAND COMMUNITY TRAIL, FROM MAIN STREET TO KING STREET	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	0	2,552 = Emission Reduction in CO2 kg per year.Quantity shown above in Regional CMAQ Target section.
608298	GROVELAND- GROVELAND COMMUNITY TRAIL, FROM MAIN STREET TO KING STREET	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	0	2,552 = Emission Reduction in CO2 kg per year.Quantity shown above in Regional CMAQ Target section.
608298	GROVELAND- GROVELAND COMMUNITY TRAIL, FROM MAIN STREET TO KING STREET	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	2,552	2,552 = Emission Reduction in CO2 kg per year.
2020	**REGION: MERRIMACK VALLEY**		**Total GHG Increase (kg/year)**	**0**	
			Total GHG Reduction (kg/year)	**-20,012**	
			Total GHG Difference (kg/year)	**-20,012**	
MONTACHUSETT					
601957	ASHBURNHAM- RESURFACING & RELATED WORK ON ROUTE 101	Qualitative	No assumed impact/negligible impact on emissions	0	
606420	FITCHBURG- INTERSECTION & SIGNAL IMPROVEMENTS @ ROUTE 2A (LUNENBURG STREET) & JOHN FITCH HIGHWAY	Qualitative	No assumed impact/negligible impact on emissions	0	See HSIP Above
606420	FITCHBURG- INTERSECTION & SIGNAL IMPROVEMENTS @ ROUTE 2A (LUNENBURG STREET) & JOHN FITCH HIGHWAY	Qualitative	No assumed impact/negligible impact on emissions	0	Further Inf on Type of Improvement Needed to Assess AQ
606420	FITCHBURG- INTERSECTION & SIGNAL IMPROVEMENTS @ ROUTE 2A (LUNENBURG STREET) & JOHN FITCH HIGHWAY	Qualitative	No assumed impact/negligible impact on emissions	0	See HSIP Above
606420	FITCHBURG- INTERSECTION & SIGNAL IMPROVEMENTS @ ROUTE 2A (LUNENBURG STREET) & JOHN FITCH HIGHWAY	Qualitative	No assumed impact/negligible impact on emissions	0	See HSIP Above
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, F-04-018, ROUTE 12 (WATER STREET) OVER NORTH NASHUA RIVER	Qualitative	No assumed impact/negligible impact on emissions	0	
608639	WESTMINSTER - BRIDGE REPLACEMENT, W-28-010, WHITMANVILLE ROAD OVER WHITMAN RIVER	Qualitative	No assumed impact/negligible impact on emissions	0	
2020	**REGION: MONTACHUSETT**		**Total GHG Increase (kg/year)**	**0**	
			Total GHG Reduction (kg/year)	**0**	
			Total GHG Difference (kg/year)	**0**	
NANTUCKET					
NT0001	INTERSECTION IMPROVEMENTS AT SURFSIDE ROAD AND BARTLETT ROAD	Quantified	Qualitative Decrease in Emissions	0	Quantified decrease in emissions noted in FFY 2019 Section 1A: CMAQ
NT0001	INTERSECTION IMPROVEMENTS AT SURFSIDE ROAD AND BARTLETT ROAD	Quantified	Qualitative Decrease in Emissions	0	Quantified decrease in emissions noted in FFY 2019 Section 1A: CMAQ

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
2020	**REGION: NANTUCKET**		**Total GHG Increase (kg/year)**	**0**	
			Total GHG Reduction (kg/year)	**0**	
			Total GHG Difference (kg/year)	**0**	
NORTHERN MIDDLESEX					
608346	TEWKSBURY-INTERSECTION IMPROVEMENTS AT MAIN STREET, SALEM ROAD AND SOUTH STREET	Qualitative	Qualitative Decrease in Emissions	0	
608346	TEWKSBURY-INTERSECTION IMPROVEMENTS AT MAIN STREET, SALEM ROAD AND SOUTH STREET	Qualitative	Qualitative Decrease in Emissions	0	
608350	DRACUT-IMPROVEMENTS ON NASHUA ROAD	Qualitative	Qualitative Decrease in Emissions	0	
608350	DRACUT-IMPROVEMENTS ON NASHUA ROAD	Qualitative	Qualitative Decrease in Emissions	0	
608350	DRACUT-IMPROVEMENTS ON NASHUA ROAD	Qualitative	Qualitative Decrease in Emissions	0	
2020	**REGION: NORTHERN MIDDLESEX**		**Total GHG Increase (kg/year)**	**0**	
			Total GHG Reduction (kg/year)	**0**	
			Total GHG Difference (kg/year)	**0**	
OLD COLONY					
607217	EASTON- CORRIDOR IMPROVEMENTS ON DEPOT STREET (ROUTE 123), FROM NEWELL CIRCLE TO WASHINGTON STREET (ROUTE 138)	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	132,863	
2020	**REGION: OLD COLONY**		**Total GHG Increase (kg/year)**	**0**	
			Total GHG Reduction (kg/year)	**-132,863**	
			Total GHG Difference (kg/year)	**-132,863**	
PIONEER VALLEY					
400103	WESTFIELD- BRIDGE REPLACEMENT, W-25-006, ROUTE 10/202 (SOUTHWICK ROAD) OVER THE LITTLE RIVER	Qualitative	No assumed impact/negligible impact on emissions	0	
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	
605032	HADLEY- RECONSTRUCTION ON ROUTE 9, FROM EAST STREET TO MAPLE/SOUTH MAPLE ST	Qualitative	Qualitative Decrease in Emissions	0	To be Quantified
606450	HOLYOKE- TRAFFIC SIGNAL UPGRADES AT 15 INTERSECTIONS ALONG HIGH & MAPLE STREETS	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	606,450	
606895	GRANBY- IMPROVEMENTS @ 2 LOCATIONS ON ROUTE 202: SCHOOL STREET & FIVE CORNERS	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
607626	AGAWAM- RESURFACING & RELATED WORK ON ROUTE 159, FROM MEADOW STREET TO 150 FT. SOUTH OF SUFFIELD STREET (1.1 MILES)	Quantified	Quantified Decrease in Emissions from Complete Streets Project	1,086	
608460	HADLEY - BRIDGE REPLACEMENT, H01005, ROUTE 47 (BAY ROAD) OVER FORT RIVER	Qualitative	No assumed impact/negligible impact on emissions	0	
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	Qualitative Decrease in Emissions	0	
608631	WESTHAMPTON - BRIDGE REPLACEMENT, W-27-005, KINGS HIGHWAY OVER N BRANCH MANAHN 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)	**-610,784**	
			Total GHG Difference (kg/year)	**-610,784**	
SOUTHEASTERN MASSACHUSETTS					
606715	LAKEVILLE - RECONSTRUCTION AND RELATED WORK ON RHODE ISLAND ROAD (ROUTE 79), FROM THE TAUNTON CITY LINE TO CLEAR POND ROAD	Qualitative	No assumed impact/negligible impact on emissions	0	
607339	ATTLEBORO - INTERSECTION IMPROVEMENTS AT ROUTE 1 (WASHINGTON STREET)/ROUTE 1A (NEWPORT AVENUE) AND ROUTE 123 (HIGHLAND AVENUE)	Qualitative	Qualitative Decrease in Emissions	0	Insufficient information at present time to complete analysis
607339	ATTLEBORO - INTERSECTION IMPROVEMENTS AT ROUTE 1 (WASHINGTON STREET)/ROUTE 1A (NEWPORT AVENUE) AND ROUTE 123 (HIGHLAND AVENUE)	Qualitative	Qualitative Decrease in Emissions	0	Insufficient information at present time to complete analysis
607339	ATTLEBORO - INTERSECTION IMPROVEMENTS AT ROUTE 1 (WASHINGTON STREET)/ROUTE 1A (NEWPORT AVENUE) AND ROUTE 123 (HIGHLAND AVENUE)	Qualitative	Qualitative Decrease in Emissions	0	Insufficient information at present time to complete analysis
607572	TAUNTON- CORRIDOR IMPROVEMENTS & RELATED WORK ON BROADWAY (ROUTE 138), FROM TAUNTON GREEN (COURT STREET) NORTHERLY TO PURCHASE STREET	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 TAUNTON GREEN (COURT STREET) NORTHERLY TO PURCHASE STREET	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	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	174,827	
607979	MARION- SHARED USE PATH CONSTRUCTION (PHASE 1), FROM THE MARION-MATTAPOISETT T.L. TO POINT ROAD	Qualitative	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	20,145	
608049	FALL RIVER- CORRIDOR IMPROVEMENTS ON ROUTE 79/DAVOL STREET	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	

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
608572	DARTMOUTH TO RAYNHAM - GUIDE AND TRAFFIC SIGN REPLACEMENT ON SECTIONS OF I-195 AND I-495	Qualitative	Qualitative Decrease in Emissions	0	
2020	**REGION: SOUTHEASTERN MASSACHUSETTS**		**Total GHG Increase (kg/year)**	**0**	
			Total GHG Reduction (kg/year)	**-194,972**	
			Total GHG Difference (kg/year)	**-194,972**	
STATEWIDE					
608209	LITTLETON- WESTFORD- INTERSTATE MAINTENANCE AND RELATED WORK ON I-495	0	N/A	0	
608360	STATEWIDE INTELLIGENT TRANSPORTATION SYSTEMS, YEAR 2020	0	N/A	0	
608629	SAFE ROUTES TO SCHOOLS - PROJECTS (2020)	0	N/A	0	
608652	STATEWIDE CMAQ- ADAPTIVE SIGNAL CONTROLS AT VARIOUS INTERSECTIONS (2019)	0	N/A	0	
ABPGAN	ABP GANS DEBT SERVICE	0	N/A	0	
BR20	BRIDGE INSPECTION	0	N/A	0	
EWO	AWARD ADJUSTMENTS, CHANGE ORDERS, PROJECT VALUE CHANGES, ETC.	0	N/A	0	
MRIDES	MASSRIDES - TRAVEL OPTIONS PROGRAM	0	0	0	
MSC	STATEWIDE DESIGN AND RIGHT OF WAY	0	N/A	0	
MSC20	DBES, MISC PROGRAMS	0	N/A	0	
RRC	STATEWIDE RAILROAD CROSSING PROTECTIVE DEVICES CONTRACTS	0	N/A	0	
RRC	STATEWIDE RAILROAD CROSSING HAZARD ELIMINATION CONTRACTS	0	N/A	0	
SPR120	STATEWIDE PLANNING AND RESEARCH WORK PROGRAM I (SPR I), PLANNING	0	N/A	0	
SRT20	STATEWIDE RECREATIONAL TRAILS	0	N/A	0	
UPWP21	METROPOLITAN PLANNING FOR THE UNIFIED PLANNING WORK PROGRAM	0	N/A	0	
2020	**REGION: STATEWIDE**		**Total GHG Increase (kg/year)**	**0**	
			Total GHG Reduction (kg/year)	**0**	
			Total GHG Difference (kg/year)	**0**	
2020			**Total GHG Increase (kg/year)**	**0**	
			Total GHG Reduction (kg/year)	**-3,145,871**	
			Total GHG Difference (kg/year)	**-3,145,871**	

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
BERKSHIRE					
605843	NORTH ADAMS- BRIDGE REPLACEMENT, N-14-016, ROUTE 2 OVER THE HOOSIC RIVER	Qualitative	No assumed impact/negligible impact on emissions	0	
606406	HINSDALE, PERU- RECONSTRUCTION OF SKYLINE TRAIL (MIDDLEFIELD ROAD)	Qualitative	Qualitative Decrease in Emissions	0	
608485	LANESBOROUGH- PITTSFIELD- RESURFACING AND RELATED WORK ON ROUTE 8	Qualitative	Qualitative Decrease in Emissions	0	
608636	LENOX - BRIDGE REPLACEMENT, L-07-006, ROARING BROOK ROAD OVER ROARING BROOK	Qualitative	No assumed impact/negligible impact on emissions	0	
608647	SAVOY - BRIDGE REPLACEMENT, S-06-003, CENTER ROAD OVER CENTER BROOK	Qualitative	No assumed impact/negligible impact on emissions	0	
2021	**REGION: BERKSHIRE**		**Total GHG Increase (kg/year)**	**0**	
			Total GHG Reduction (kg/year)	**0**	
			Total GHG Difference (kg/year)	**0**	
BOSTON					
1570	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	Quantified	RTP project included in the statewide model	0	
1570	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	Quantified	RTP project included in the statewide model	0	
604173	BOSTON- BRIDGE REHABILITATION, B-16-016, NORTH WASHINGTON STREET OVER THE BOSTON INNER HARBOR	Qualitative	Qualitative Decrease in Emissions	0	
604996	WOBURN- BRIDGE REPLACEMENT, W-43-017, NEW BOSTON STREET OVER MBTA	Quantified	RTP project included in the statewide model	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	1,003,363	
606226	BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE	Quantified	RTP project included in the statewide model	0	
606226	BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE	Quantified	RTP project included in the statewide model	0	
606226	BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE	Quantified	RTP project included in the statewide model	0	
606226	BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE	Quantified	RTP project included in the statewide model	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	

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	4,536	
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	
607901	DEDHAM- PEDESTRIAN IMPROVEMENTS ALONG ELM STREET & RUSTCRAFT ROAD CORRIDORS	Quantified	Quantified Decrease in Emissions from Complete Streets Project	13,608	
607977	HOPKINTON- WESTBOROUGH- RECONSTRUCTION OF I-90/I-495 INTERCHANGE	Quantified	RTP project included in the statewide model	0	
608009	BOXBOROUGH- BRIDGE REPLACEMENT, B-18-002, ROUTE 111 OVER I-495	Qualitative	No assumed impact/negligible impact on emissions	0	
608210	FOXBOROUGH- PLAINVILLE- WRENTHAM- FRANKLIN- INTERSTATE MAINTENANCE & RELATED WORK ON I-495	Qualitative	No assumed impact/negligible impact on emissions	0	
608228	FRAMINGHAM- RECONSTRUCTION OF UNION AVENUE, FROM PROCTOR STREET TO MAIN STREET	Quantified	Quantified Increase in Emissions	196,862	Quantified increase in emissions from vehicle delay as a result of newly signalized intersections at four locations
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	
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	
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	
608476	SOUTHBOROUGH- RESURFACING AND RELATED WORK ON ROUTE 30	Qualitative	No assumed impact/negligible impact on emissions	0	
608484	CANTON- MILTON- RESURFACING AND RELATED WORK ON ROUTE 138	Qualitative	No assumed impact/negligible impact on emissions	0	
608610	NEWTON, BRIDGE NUMBER N-12-055: CLEAN AND PAINT STRUCTURAL STEEL	Qualitative	No assumed impact/negligible impact on emissions	0	
608637	MAYNARD - BRIDGE REPLACEMENT, M-10-006, FLORIDA ROAD OVER ASSABET RIVER	Qualitative	No assumed impact/negligible impact on emissions	0	
2021	**REGION: BOSTON**		**Total GHG Increase (kg/year)**	**196,862**	
			Total GHG Reduction (kg/year)	**-1,603,929**	
			Total GHG Difference (kg/year)	**-1,407,067**	

CAPE COD

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
608422	SANDWICH- CONSTRUCTION OF SHARED USE PATH ALONG SERVICE ROAD FROM ROUTE 130 TO CHASE ROAD	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	795	This project is in the preliminary design phase. Score = 76.
608617	HARWICH - BRIDGE REPLACEMENT, H-10-019, AZALEA DRIVE OVER HERRING RIVER	Qualitative	No assumed impact/negligible impact on emissions	0	This project is in the preliminary design phase. Score = 36.
2021	**REGION: CAPE COD**		**Total GHG Increase (kg/year)**	**0**	
			Total GHG Reduction (kg/year)	**-795**	
			Total GHG Difference (kg/year)	**-795**	
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	
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	
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	Qualitative	Qualitative Decrease in Emissions	0	Quantitative Estimate TBD
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)	**0**	
			Total GHG Difference (kg/year)	**0**	
FRANKLIN					
606309	ORANGE- BRIDGE REPLACEMENT, O-03-021, ROUTE 2 OVER ROUTE 202	Qualitative	No assumed impact/negligible impact on emissions	0	
606463	BUCKLAND- RECONSTRUCTION & MINOR WIDENING ON CONWAY STREET, SOUTH STREET & CONWAY ROAD	Qualitative	No assumed impact/negligible impact on emissions	0	Project will be quantified when more information is available

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
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	Qualitative	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	176	
608634	DEERFIELD - BRIDGE PRESERVATION D-06-001, UPPER ROAD OVER DEERFIELD RIVER	Qualitative	No assumed impact/negligible impact on emissions	0	
608649	COLRAIN - DECK PRESERVATION, C-18-010 & C-18-012, ROUTE 112 OVER THE NORTH RIVER	Qualitative	No assumed impact/negligible impact on emissions	0	
2021	**REGION: FRANKLIN**		**Total GHG Increase (kg/year)**	**0**	
			Total GHG Reduction (kg/year)	**-176**	
			Total GHG Difference (kg/year)	**-176**	
MARTHA'S VINEYARD					
608142	OAK BLUFFS- CONSTRUCTION OF A SHARED USE PATH ALONG BEACH ROAD, FROM THE LAGOON POND BRIDGE NORTHERLY TO THE EASTVILLE AVENUE/COUNTY ROAD INTERSECTION	0	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	2,455	AC Year 2 of 2
608142	OAK BLUFFS- CONSTRUCTION OF A SHARED USE PATH ALONG BEACH ROAD, FROM THE LAGOON POND BRIDGE NORTHERLY TO THE EASTVILLE AVENUE/COUNTY ROAD INTERSECTION	0	N/A	0	
2021	**REGION: MARTHA S VINEYARD**		**Total GHG Increase (kg/year)**	**0**	
			Total GHG Reduction (kg/year)	**-2,455**	
			Total GHG Difference (kg/year)	**-2,455**	
MERRIMACK VALLEY					
608095	NORTH ANDOVER- CORRIDOR IMPROVEMENTS ON ROUTE 114, BETWEEN ROUTE 125 (ANDOVER STREET) & STOP & SHOP DRIVEWAY	Qualitative	Qualitative Decrease in Emissions	0	Not yet enough information to generate an estimate.
608095	NORTH ANDOVER- CORRIDOR IMPROVEMENTS ON ROUTE 114, BETWEEN ROUTE 125 (ANDOVER STREET) & STOP & SHOP DRIVEWAY	Qualitative	Qualitative Decrease in Emissions	0	Not yet enough information to generate an estimate.
608095	NORTH ANDOVER- CORRIDOR IMPROVEMENTS ON ROUTE 114, BETWEEN ROUTE 125 (ANDOVER STREET) & STOP & SHOP DRIVEWAY	Qualitative	Qualitative Decrease in Emissions	0	Not yet enough information to generate an estimate.
608095	NORTH ANDOVER- CORRIDOR IMPROVEMENTS ON ROUTE 114, BETWEEN ROUTE 125 (ANDOVER STREET) & STOP & SHOP DRIVEWAY	Qualitative	Qualitative Decrease in Emissions	0	Not yet enough information to generate an estimate.
2021	**REGION: MERRIMACK VALLEY**		**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
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	See HSIP Above
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	See HSIP Above
604499	LEOMINSTER- RECONSTRUCTION/REHABILITATION ON ROUTE 12 (CENTRAL STREET), INCLUDING REHABILITATION OF L-08-022	Qualitative	No assumed impact/negligible impact on emissions	0	See HSIP Above
607347	GARDNER- BIKE PATH CONSTRUCTION, NORTH CENTRAL PATHWAY (PHASE VI)	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	476,405	
608635	SHIRLEY - BRIDGE REPLACEMENT, S-13-005, LONGLEY ROAD OVER MULPUS BROOK	Qualitative	No assumed impact/negligible impact on emissions	0	
2021	**REGION: MONTACHUSETT**		**Total GHG Increase (kg/year)**	**0**	
			Total GHG Reduction (kg/year)	**-476,405**	
			Total GHG Difference (kg/year)	**-476,405**	
NORTHERN MIDDLESEX					
608254	LOWELL-DECK REPLACEMENT - BRIDGE NO. L-15-068 (2HG), LOWELL CONNECTOR SB OVER INDUSTRIAL AVENUE EAST	Qualitative	No assumed impact/negligible impact on emissions	0	
608297	TEWKSBURY- RESURFACING AND SIDEWALK RECONSTRUCTION ON ROUTE 38	Qualitative	Qualitative Decrease in Emissions	0	
608297	TEWKSBURY- RESURFACING AND SIDEWALK RECONSTRUCTION ON ROUTE 38	Qualitative	Qualitative Decrease in Emissions	0	
608344	CHELMSFORD- INTERSECTION IMPROVEMENTS AT ROUTE 129 AND RIVERNECK RD	Qualitative	Qualitative Decrease in Emissions	0	
608344	CHELMSFORD- INTERSECTION IMPROVEMENTS AT ROUTE 129 AND RIVERNECK RD	Qualitative	Qualitative Decrease in Emissions	0	
608344	CHELMSFORD- INTERSECTION IMPROVEMENTS AT ROUTE 129 AND RIVERNECK RD	Qualitative	Qualitative Decrease in Emissions	0	
2021	**REGION: NORTHERN MIDDLESEX**		**Total GHG Increase (kg/year)**	**0**	
			Total GHG Reduction (kg/year)	**0**	
			Total GHG Difference (kg/year)	**0**	
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	

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
607403	STOUGHTON- CORRIDOR IMPROVEMENTS ON ROUTE 138 FROM LINCOLN STREET TO CENTRAL STREET, INCLUDING INTERSECTION IMPROVEMENTS ROUTE 138 (WASHINGTON STREET) & CENTRAL STREET	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	11,779	
2021	**REGION: OLD COLONY**		**Total GHG Increase (kg/year)**	**0**	
			Total GHG Reduction (kg/year)	**-106,603**	
			Total GHG Difference (kg/year)	**-106,603**	
PIONEER VALLEY					
604434	CHICOPEE- RECONSTRUCTION & RELATED WORK ON FULLER ROAD, FROM MEMORIAL DR (RTE 33) TO SHAWINIGAN DR (2.0 MILES)	Qualitative	Qualitative Decrease in Emissions	0	
607430	LONGMEADOW- RESURFACING & RELATED WORK ON LONGMEADOW STREET (ROUTE 5), FROM THE CT S.L. TO CONVERSE STREET (2.88 MILES)	Quantified	Quantified Decrease in Emissions from Complete Streets Project	9,745	
607502	NORTHAMPTON- INTERSECTION IMPROVEMENTS AT KING STREET, NORTH STREET & SUMMER STREET AND AT KING STREET & FINN STREET	Qualitative	Qualitative Decrease in Emissions	0	To be Quantified
607893	NORTHAMPTON- INTERSECTION IMPROVEMENTS @ ELM STREET, MAIN STREET, WEST STREET, STATE STREET & NEW SOUTH STREET	Qualitative	Qualitative Decrease in Emissions	0	To be Quantified
608157	SPRINGFIELD- MCKNIGHT COMMUNITY TRAIL CONSTRUCTION, FROM ARMORY STREET TO HAYDEN AVENUE (1.5 MILES)	Quantified	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure	13,099	
2021	**REGION: PIONEER VALLEY**		**Total GHG Increase (kg/year)**	**0**	
			Total GHG Reduction (kg/year)	**-22,844**	
			Total GHG Difference (kg/year)	**-22,844**	
SOUTHEASTERN MASSACHUSETTS					
603796	MANSFIELD - BRIDGE REPLACEMENT, M-03-003, BALCOM STREET OVER 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
606024	TAUNTON- RECONSTRUCTION OF ROUTE 44 (DEAN STREET), FROM ARLINGTON STREET TO ROUTE 104 (SOUTH MAIN STREET)	Qualitative	Qualitative Decrease in Emissions	0	Insufficient information at present time to complete analysis
607440	MATTAPOISETT- CORRIDOR IMPROVEMENTS AND RELATED WORK ON MAIN STREET, WATER STREET, BEACON STREET AND MARION ROAD	Qualitative	No assumed impact/negligible impact on emissions	0	
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	

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
608267	RAYNHAM- RESURFACING AND RELATED WORK ON ROUTE 138	Qualitative	No assumed impact/negligible impact on emissions	0	
608479	ATTLEBORO- NORTH ATTLEBORO- RESURFACING AND RELATED WORK ON ROUTE 1	Qualitative	Qualitative Decrease in Emissions	0	
608597	ATTLEBORO - STORMWATER IMPROVEMENTS ALONG I-95	Qualitative	No assumed impact/negligible impact on emissions	0	
608616	TAUNTON - BRIDGE REPLACEMENT, T-01-024, SCADDING STREET OVER SNAKE RIVER	Qualitative	No assumed impact/negligible impact on emissions	0	
608618	REHOBOTH - BRIDGE REPLACEMENT, R-04-004, REED STREET OVER PALMER RIVER	Qualitative	No assumed impact/negligible impact on emissions	0	
608619	FALL RIVER - BRIDGE REPLACEMENT, F-02-019, WEAVER STREET OVER MASSACHUSETTS COASTAL RR	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	0	N/A	0	
608378	DANVERS- TOPSFIELD- BOXFORD- ROWLEY- INTERSTATE MAINTENANCE AND RELATED WORK ON I-95	0	N/A	0	
608378	DANVERS- TOPSFIELD- BOXFORD- ROWLEY- INTERSTATE MAINTENANCE AND RELATED WORK ON I-95	0	N/A	0	
608497	PLAINVILLE- WRENTHAM- RESURFACING AND RELATED WORK ON ROUTE 1	0	N/A	0	
608551	DISTRICT SYSTEMATIC MAINTENANCE	0	N/A	0	
608569	DISTRICT 6- TOP 200 CRASH LOCATION SAFETY IMPROVEMENTS	0	N/A	0	
608574	BURLINGTON TO TYNGSBOROUGH - GUIDE AND TRAFFIC SIGN REPLACEMENT ON A SECTION OF US 3	0	N/A	0	
608605	DISTRICT 5- ADA RETROFITS AT VARIOUS LOCATIONS	0	N/A	0	
608606	DISTRICT 4- ADA RETROFITS AT VARIOUS LOCATIONS	0	N/A	0	
608620	ANDOVER - TEWKSBURY, HIGHWAY LIGHTING SYSTEM REHABILITATION AND REPAIR AT THE INTERCHANGE OF INTERSTATE ROUTES 93 AND 495	0	N/A	0	
608630	SAFE ROUTES TO SCHOOLS - PROJECTS (2021)	0	N/A	0	
ABPGAN	ABP GANS DEBT SERVICE	0	N/A	0	
BRI21	BRIDGE INSPECTION	0	N/A	0	
EWO	AWARD ADJUSTMENTS, CHANGE ORDERS, PROJECT VALUE CHANGES, ETC.	0	N/A	0	
MRIDES	MASSRIDES - TRAVEL OPTIONS PROGRAM	0	0	0	

MassDOT ProjectID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG Impact Amount (kg/year)	Comment
MSC	STATEWIDE DESIGN AND RIGHT OF WAY	0	N/A	0	
MSC21	DBES, MISC PROGRAMS	0	N/A	0	
RRC	STATEWIDE RAILROAD CROSSING HAZARD ELIMINATION CONTRACTS	0	N/A	0	
RRC	STATEWIDE RAILROAD CROSSING PROTECTIVE DEVICES CONTRACTS	0	N/A	0	
SPR121	STATEWIDE PLANNING AND RESEARCH WORK PROGRAM I (SPR I), PLANNING	0	N/A	0	
SRT21	STATEWIDE RECREATIONAL TRAILS	0	N/A	0	
UPWP22	METROPOLITAN PLANNING FOR THE UNIFIED PLANNING WORK PROGRAM	0	N/A	0	
2021	**REGION: STATEWIDE**		**Total GHG Increase (kg/year)**	**0**	
			Total GHG Reduction (kg/year)	**0**	
			Total GHG Difference (kg/year)	**0**	
2021			**Total GHG Increase (kg/year)**	**196,862**	
			Total GHG Reduction (kg/year)	**-2,213,207**	
			Total GHG Difference (kg/year)	**-2,016,345**	
2017-2021			**Total GHG Increase for all years (kg/year)**	**310,262**	
			Total GHG Reduction for all years (kg/year)	**-17,664,234**	
			Total GHG Difference for all years (kg/year)	**-17,353,972**	

Appendix 3 – Financial Tables

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Federal Fiscal Year 2017						2017-2021 STIP, ORIGINAL
	I	II	III	IV	V	VI
FUNDING CATEGORY	**ANTICIPATED NET APPORTIONMENTS OF FEDERAL FUNDS**	**ESTIMATED CARRYOVER BALANCE**	**ANTICIPATED TRANSFER OF FUNDS**	**TOTAL FUNDS AVAILABLE (10/1) SUBJECT TO OBLIGATION AUTHORITY**	**PROGRAMMED OBLIGATIONS**	**ESTIMATED BALANCE REMAINING**
NATIONAL HIGHWAY PERFORMANCE	**$317,553,770**	**$12,990,534**	**$6,000,000**	**$336,544,305**	**$331,330,726**	**$5,213,579**
NATIONAL HIGHWAY FREIGHT PROGRAM	**$16,469,728**	**$8,718,352**	**($8,000,000)**	**$17,188,080**	**$0**	**$17,188,080**
STP FLEX	**$44,863,304**	**$22,401,536**	**$0**	**$67,264,840**	**$41,324,844**	**$25,939,996**
BRIDGE-OFF SYSTEM	**$28,456,838**	**$70,485,246**		**$98,942,084**	**$21,252,049**	**$77,690,035**
STP NON-FLEX	**$79,245,428**	**$43,770,649**		**$123,016,077**	**$71,524,909**	**$51,491,168**
	$49,528,570	$13,969,451		$63,498,021	$41,429,651	$22,068,370
-BOSTON URBAN AREA	$2,989,071	$5,298,548		$8,287,619	$5,818,455	$2,469,164
-BARNSTABLE URBAN AREA	$6,440,978	$2,947		$6,443,925	$0	$6,443,925
-SPRINGFIELD, CHICOPEE, HOLYOKE	$5,495,857	$7,447,171		$12,943,028	$7,591,923	$5,351,105
-WORCESTER URBAN AREA	$3,153,624	$11,875,902		$15,029,526	$0	$15,029,526
-PROVIDENCE, PAWTUCKET	$11,637,328	$5,176,631		$16,813,959	$16,684,880	$129,079
STP ENHANCEMENT -OTHER AREAS (RURAL & SMALL URBAN)	**$0**	**$15,262,670**	**$0**	**$15,262,670**	**$8,821,273**	**$6,441,397**
SAFE ROUTES TO SCHOOLS PGM.	**$0**	**$675,394**		**$675,394**	**$0**	**$675,394**
RECREATIONAL TRAILS	**$1,186,729**	**$3,536,453**		**$4,723,182**	**$1,186,729**	**$3,536,453**
TAP FLEX	**$5,376,538**	**$15,981,827**	**$0**	**$21,358,365**	**$6,103,306**	**$15,255,059**
TAP NON-FLEX	**$5,376,538**	**$2,593,368**		**$7,969,906**	**$4,408,063**	**$3,561,843**
	$3,356,593	$718,010		$4,074,603	$3,339,653	$734,950
-BOSTON URBAN AREA	$202,572	$366,189		$568,761	$154,429	$414,332
-BARNSTABLE URBAN AREA	$436,510	$43,083		$479,593	$30,000	$449,593
-SPRINGFIELD, CHICOPEE, HOLYOKE	$372,459	$426,926		$799,385	$787,376	$12,009
-WORCESTER URBAN AREA	$213,724	$838,442		$1,052,166	$0	$1,052,166
-PROVIDENCE, PAWTUCKET	$794,680	$200,718		$995,398	$96,605	$898,793
HWY SAFETY IMPROVEMENT PGM. -OTHER AREAS (RURAL & SMALL URBAN)	**$29,780,127**	**$3,741,235**	**$2,000,000**	**$35,521,362**	**$34,438,618**	**$1,082,744**
HSIP - High Risk Rural	**$2,273,676**	**$4,197,054**		**$6,470,730**	**$2,160,000**	**$4,310,730**
RLWY/HWY CROSSINGS- HAZARD ELIMINATION	**$1,264,069**	**$6,125,726**	**$0**	**$7,389,794**	**$3,555,555**	**$3,834,239**
RLWY/HWY CROSSINGS- PROTECTIVE DEVICES	**$1,264,069**	**$2,919,818**	**$0**	**$4,183,887**	**$3,555,555**	**$628,332**
CMAQ	**$63,285,149**	**$11,701,489**	**$0**	**$74,986,638**	**$46,044,441**	**$28,942,197**
PLANNING	**$20,900,719**	**$36,306,144**		**$57,206,863**	**$22,704,000**	**$34,502,863**
FEDERAL AID SUB-TOTAL:	**$617,296,681**	**$261,407,496**	**$0**	**$878,704,177**	**$598,410,068**	**$280,294,109**
				Estimated Obligation Authority	**$615,000,000**	
HIGH PRIORITY PROJECTS		**$122,305,268**		**$122,305,268**	**$10,638,588**	**$111,666,680**
FERRY BOAT DESC		**$0**		**$0**	**$0**	**$0**
SECTION 115 PROJECTS		**$778,520**		**$778,520**	**$0**	**$778,520**
SECTION 117 PROJECTS		**$230,852**		**$230,852**	**$0**	**$230,852**
SECTION 125 PROJECTS		**$4,142,809**		**$4,142,809**	**$0**	**$4,142,809**
MISCELLANEOUS / OTHER / UNDETERMINED	**$9,549,441**	**$27,782,548**	**$0**	**$37,331,989**	**$0**	**$37,331,989**
FEDERAL AID TOTAL >	**$626,846,122**	**$416,647,493**	**$0**	**$1,043,493,614**	**$609,048,656**	**$434,444,958**
STATE MATCH FOR FEDERAL AID					**$122,819,668**	
NON-FEDERAL AID + FEDERAL AID TOTAL >					**$731,868,324**	

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

Federal Fiscal Year 2018						2017-2021 STIP, ORIGINAL
	I	II	III	IV	V	VI
FUNDING CATEGORY	**ANTICIPATED NET APPORTIONMENTS OF FEDERAL FUNDS**	**ESTIMATED CARRYOVER BALANCE**	**ANTICIPATED TRANSFER OF FUNDS**	**TOTAL FUNDS AVAILABLE (10/1) SUBJECT TO OBLIGATION AUTHORITY**	**PROGRAMMED OBLIGATIONS**	**ESTIMATED BALANCE REMAINING**
NATIONAL HIGHWAY PERFORMANCE	**$323,591,783**	**$5,213,579**	**$0**	**$328,805,361**	**$290,437,295**	**$38,368,066**
NATIONAL HIGHWAY FREIGHT PROGRAM	**$17,966,977**	**$17,188,080**	**$0**	**$35,155,057**	**$0**	**$35,155,057**
STP FLEX	**$45,021,017**	**$25,939,996**	**($4,000,000)**	**$66,961,013**	**$55,345,774**	**$11,615,239**
BRIDGE-OFF SYSTEM	**$28,456,838**	**$77,690,035**		**$106,146,873**	**$20,425,518**	**$85,721,355**
STP NON-FLEX	**$82,398,579**	**$51,491,168**		**$133,889,747**	**$72,763,682**	**$61,126,065**
	$51,576,544	$22,068,370		$73,644,914	$52,527,513	$21,117,401
-BOSTON URBAN AREA	$2,989,071	$2,469,164		$5,458,235	$5,222,046	$236,189
-BARNSTABLE URBAN AREA	$6,707,308	$6,443,925		$13,151,233	$4,776,626	$8,374,607
-SPRINGFIELD, CHICOPEE, HOLYOKE	$5,723,108	$5,351,105		$11,074,213	$0	$11,074,213
-WORCESTER URBAN AREA	$3,284,024	$15,029,526		$18,313,550	$0	$18,313,550
-PROVIDENCE, PAWTUCKET	$12,118,524	$129,079		$12,247,603	$10,237,497	$2,010,106
STP ENHANCEMENT (RURAL & SMALL URBAN)	**$0**	**$6,441,397**	**$0**	**$6,441,397**	**$5,992,762**	**$448,635**
SAFE ROUTES TO SCHOOLS PGM.	**$0**	**$675,394**		**$675,394**	**$0**	**$675,394**
RECREATIONAL TRAILS	**$1,186,729**	**$3,536,453**		**$4,723,182**	**$1,186,729**	**$3,536,453**
TAP FLEX	**$4,440,861**	**$15,255,059**	**$0**	**$19,695,920**	**$6,208,201**	**$13,487,719**
TAP NON-FLEX	**$5,376,538**	**$3,561,843**		**$8,938,381**	**$4,410,950**	**$4,527,431**
	$3,356,593	$734,950		$4,091,543	$3,362,431	$729,112
-BOSTON URBAN AREA	$202,572	$414,332		$616,904	$168,246	$448,658
-BARNSTABLE URBAN AREA	$436,510	$449,593		$886,103	$432,000	$454,103
-SPRINGFIELD, CHICOPEE, HOLYOKE	$372,459	$12,009		$384,468	$0	$384,468
-WORCESTER URBAN AREA	$213,724	$1,052,166		$1,265,890	$0	$1,265,890
-PROVIDENCE, PAWTUCKET	$794,680	$898,793		$1,693,473	$448,273	$1,245,200
HSIP SAFETY IMPROVEMENT PGM (RURAL & SMALL URBAN)	**$34,931,394**	**$1,082,744**	**$4,000,000**	**$40,014,137**	**$39,446,273**	**$567,864**
HSIP - High Risk Rural	**$0**	**$4,310,730**		**$4,310,730**	**$0**	**$4,310,730**
RLWY/HWY CROSSINGS- HAZARD ELIMINATION	**$1,291,548**	**$3,834,239**	**$0**	**$5,125,787**	**$3,022,222**	**$2,103,565**
RLWY/HWY CROSSINGS- PROTECTIVE DEVICES	**$1,291,548**	**$628,332**	**$0**	**$1,919,880**	**$1,244,445**	**$675,435**
CMAQ	**$64,488,462**	**$28,942,197**	**$0**	**$93,430,659**	**$86,673,419**	**$6,757,240**
PLANNING	**$21,390,327**	**$34,502,863**		**$55,893,190**	**$22,696,960**	**$33,196,230**
FEDERAL AID SUB-TOTAL:	**$631,832,600**	**$280,294,109**	**$0**	**$912,126,709**	**$609,854,230**	**$302,272,479**
				Estimated Obligation Authority	**$625,000,000**	
HIGH PRIORITY PROJECTS	**$0**	**$111,666,680**		**$111,666,680**	**$8,755,125**	**$102,911,555**
FERRY BOAT DESC	**$0**	**$0**		**$0**	**$0**	**$0**
SECTION 115 PROJECTS	**$0**	**$778,520**		**$778,520**	**$360,000**	**$418,520**
SECTION 117 PROJECTS	**$0**	**$230,852**		**$230,852**	**$0**	**$230,852**
SECTION 125 PROJECTS	**$0**	**$4,142,809**		**$4,142,809**	**$0**	**$4,142,809**
MISCELLANEOUS / OTHER / UNDETERMINED	**$9,731,015.33**	**$37,331,989**	**$0**	**$47,063,005**	**$2,450,199**	**$44,612,806**
FEDERAL AID TOTAL >	**$641,563,616**	**$434,444,958**	**$0**	**$1,076,008,574**	**$621,419,554**	**$454,589,020**
STATE MATCH FOR FEDERAL AID					**$128,263,560**	
NON-FEDERAL AID + FEDERAL AID TOTAL >					**$749,683,114**	

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

Federal Fiscal Year 2019						2017-2021 STIP, ORIGINAL
	I	II	III	IV	V	VI
FUNDING CATEGORY	**ANTICIPATED NET APPORTIONMENTS OF FEDERAL FUNDS**	**ESTIMATED CARRYOVER BALANCE**	**ANTICIPATED TRANSFER OF FUNDS**	**TOTAL FUNDS AVAILABLE (10/1) SUBJECT TO OBLIGATION AUTHORITY**	**PROGRAMMED OBLIGATIONS**	**ESTIMATED BALANCE REMAINING**
NATIONAL HIGHWAY PERFORMANCE	**$330,306,180**	**$38,368,066**	**($12,000,000)**	**$356,674,246**	**$306,639,466**	**$50,034,780**
NATIONAL HIGHWAY FREIGHT PROGRAM	**$20,212,849**	**$35,155,057**	**$0**	**$55,367,906**	**$0**	**$55,367,906**
STP FLEX	**$44,721,866**	**$11,615,239**	**($10,000,000)**	**$46,337,105**	**$37,564,912**	**$8,772,193**
BRIDGE-OFF SYSTEM	**$28,456,838**	**$85,721,355**		**$114,178,193**	**$18,959,173**	**$95,219,020**
STP NON-FLEX	**$85,696,985**	**$61,126,065**		**$146,823,050**	**$93,847,799**	**$52,975,251**
	$53,560,807	$21,117,401		$74,678,208	$68,248,191	$6,430,017
-BOSTON URBAN AREA	$3,232,418	$236,189		$3,468,607	$3,284,538	$184,069
-BARNSTABLE URBAN AREA	$6,965,353	$8,374,607		$15,339,960	$6,296,131	$9,043,829
-SPRINGFIELD, CHICOPEE, HOLYOKE	$5,943,288	$11,074,213		$17,017,501	$1,684,800	$15,332,701
-WORCESTER URBAN AREA	$3,410,368	$18,313,550		$21,723,918	$0	$21,723,918
-PROVIDENCE, PAWTUCKET	$12,584,751	$2,010,106		$14,594,857	$14,334,139	$260,718
STP ENHANCEMENT (RURAL & SMALL URBAN)	**$0**	**$448,635**	**$0**	**$448,635**	**$3,401,376**	**($2,952,741)**
SAFE ROUTES TO SCHOOLS PGM.	**$0**	**$675,394**		**$675,394**	**$0**	**$675,394**
RECREATIONAL TRAILS	**$1,186,729**	**$3,536,453**		**$4,723,182**	**$1,186,729**	**$3,536,453**
TAP FLEX	**$4,440,861**	**$13,487,719**	**$0**	**$17,928,580**	**$6,849,969**	**$11,078,611**
TAP NON-FLEX	**$5,376,538**	**$4,527,431**		**$9,903,969**	**$3,939,766**	**$5,964,203**
	$3,356,593	$729,112		$4,085,705	$3,242,434	$843,271
-BOSTON URBAN AREA	$202,572	$448,658		$651,230	$154,429	$496,801
-BARNSTABLE URBAN AREA	$436,510	$454,103		$890,613	$0	$890,613
-SPRINGFIELD, CHICOPEE, HOLYOKE	$372,459	$384,468		$756,927	$0	$756,927
-WORCESTER URBAN AREA	$213,724	$1,265,890		$1,479,614	$0	$1,479,614
-PROVIDENCE, PAWTUCKET	$794,680	$1,245,200		$2,039,880	$542,903	$1,496,977
HSIP SAFETY IMPROVEMENT PGM (RURAL & SMALL URBAN)	**$35,522,886**	**$567,864**	**$10,000,000**	**$46,090,750**	**$45,043,001**	**$1,047,749**
HSIP - High Risk Rural		**$4,310,730**		**$4,310,730**	**$0**	**$4,310,730**
RLWY/HWY CROSSINGS- HAZARD ELIMINATION	**$1,319,028**	**$2,103,565**	**$0**	**$3,422,593**	**$2,000,000**	**$1,422,593**
RLWY/HWY CROSSINGS- PROTECTIVE DEVICES	**$1,319,028**	**$675,435**	**$0**	**$1,994,463**	**$1,800,000**	**$194,463**
CMAQ	**$65,668,975**	**$6,757,240**	**$12,000,000**	**$84,426,215**	**$73,084,468**	**$11,341,747**
PLANNING	**$21,590,541**	**$33,196,230**		**$54,786,771**	**$22,619,520**	**$32,167,251**
FEDERAL AID SUB-TOTAL:	**$645,819,303**	**$302,272,479**	**$0**	**$948,091,783**	**$616,936,179**	**$331,155,604**
				Estimated Obligation Authority	**$630,000,000**	
HIGH PRIORITY PROJECTS		**$102,911,555**		**$102,911,555**	**$13,955,472**	**$88,956,083**
FERRY BOAT DESC		**$0**		**$0**	**$0**	
SECTION 115 PROJECTS		**$418,520**		**$418,520**	**$0**	**$418,520**
SECTION 117 PROJECTS		**$230,852**		**$230,852**	**$0**	**$230,852**
SECTION 125 PROJECTS		**$4,142,809**		**$4,142,809**	**$0**	**$4,142,809**
MISCELLANEOUS / OTHER / UNDETERMINED	**$9,932,929.92**	**$44,612,806**	**$0**	**$54,545,736**	**$0**	**$54,545,736**
FEDERAL AID TOTAL >	**$655,752,233**	**$454,589,020**	**$0**	**$1,110,341,253**	**$630,891,651**	**$479,449,602**
STATE MATCH FOR FEDERAL AID					**$124,478,547**	
NON-FEDERAL AID + FEDERAL AID TOTAL >					**$755,370,198**	

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

Federal Fiscal Year 2020						2017-2021 STIP, ORIGINAL
	I	II	III	IV	V	VI
FUNDING CATEGORY	**ANTICIPATED NET APPORTIONMENTS OF FEDERAL FUNDS**	**ESTIMATED CARRYOVER BALANCE MINUS ESTIMATED RESCISSION**	**ANTICIPATED TRANSFER OF FUNDS**	**TOTAL FUNDS AVAILABLE (10/1) SUBJECT TO OBLIGATION AUTHORITY**	**PROGRAMMED OBLIGATIONS**	**ESTIMATED BALANCE REMAINING**
NATIONAL HIGHWAY PERFORMANCE	**$337,192,402**	**$29,520,520**	**($5,000,000)**	**$361,712,922**	**$310,395,045**	**$51,317,877**
NATIONAL HIGHWAY FREIGHT PROGRAM	**$22,458,721**	**$32,667,065**	**$0**	**$55,125,785**	**$0**	**$55,125,785**
STP FLEX	**$44,833,370**	**$5,175,594**	**$5,000,000**	**$55,008,964**	**$51,253,770**	**$3,755,194**
BRIDGE-OFF SYSTEM	**$28,456,838**	**$56,179,222**		**$84,636,060**	**$28,680,713**	**$55,955,347**
STP NON-FLEX	**$89,354,743**	**$52,975,251**		**$142,329,994**	**$89,855,250**	**$52,474,744**
	$55,846,914	$6,430,017		$62,276,931	$61,585,693	$691,238
-BOSTON URBAN AREA	$3,370,385	$184,069		$3,554,454	$3,474,902	$79,552
-BARNSTABLE URBAN AREA	$7,262,652	$9,043,829		$16,306,481	$1,299,785	$15,006,696
-SPRINGFIELD, CHICOPEE, HOLYOKE	$6,196,962	$15,332,701		$21,529,663	$8,167,972	$13,361,691
-WORCESTER URBAN AREA	$3,555,931	$21,723,918		$25,279,849	$3,691,131	$21,588,718
-PROVIDENCE, PAWTUCKET	$13,121,899	$260,718		$13,382,617	$11,635,767	$1,746,850
STP ENHANCEMENT (RURAL & SMALL URBAN)	**$0**	**($1,742,117)**	**$0**	**($1,742,117)**	**$4,081,733**	**($5,823,850)**
SAFE ROUTES TO SCHOOLS PGM.	**$0**	**$398,483**		**$398,483**	**$0**	**$398,483**
RECREATIONAL TRAILS	**$1,186,729**	**$2,086,507**		**$3,273,236**	**$1,186,729**	**$2,086,507**
TAP FLEX	**$4,440,861**	**$6,536,381**	**$0**	**$10,977,242**	**$6,693,894**	**$4,283,348**
TAP NON-FLEX	**$5,376,538**	**$3,518,880**		**$8,895,418**	**$3,803,947**	**$5,091,471**
	$3,356,593	$843,271		$4,199,864	$3,706,073	$493,791
-BOSTON URBAN AREA	$202,572	$496,801		$699,373	$0	$699,373
-BARNSTABLE URBAN AREA	$436,510	$890,613		$1,327,123	$0	$1,327,123
-SPRINGFIELD, CHICOPEE, HOLYOKE	$372,459	$756,927		$1,129,386	$0	$1,129,386
-WORCESTER URBAN AREA	$213,724	$1,479,614		$1,693,338	$0	$1,693,338
-PROVIDENCE, PAWTUCKET	$794,680	$1,496,977		$2,291,657	$97,874	$2,193,783
HWY SAFETY IMPROVEMENT PGM (RURAL & SMALL URBAN)	**$36,197,875**	**$1,047,749**	**$0**	**$37,245,624**	**$29,354,660**	**$7,890,964**
HSIP - High Risk Rural		**$4,310,730**		**$4,310,730**	**$0**	**$4,310,730**
RLWY/HWY CROSSINGS- HAZARD ELIMINATION	**$1,346,508**	**$1,422,593**	**$0**	**$2,769,101**	**$1,000,000**	**$1,769,101**
RLWY/HWY CROSSINGS- PROTECTIVE DEVICES	**$1,346,508**	**$194,463**	**$0**	**$1,540,970**	**$1,000,000**	**$540,970**
CMAQ	**$67,002,744**	**$6,691,631**	**$0**	**$73,694,375**	**$59,510,324**	**$6,757,240**
PLANNING	**$21,812,258**	**$26,870,367**		**$48,682,625**	**$23,457,280**	**$33,196,230**
FEDERAL AID SUB-TOTAL:	**$661,006,094**	**$227,853,318**	**$0**	**$888,859,411**	**$610,273,345**	**$279,130,140**
				Estimated Obligation Authority	**$635,000,000**	
HIGH PRIORITY PROJECTS		**$88,956,083**		**$88,956,083**	**$0**	**$88,956,083**
FERRY BOAT DESC		**$0**		**$0**	**$0**	
SECTION 115 PROJECTS		**$418,520**		**$418,520**	**$0**	**$418,520**
SECTION 117 PROJECTS		**$230,852**		**$230,852**	**$0**	**$230,852**
SECTION 125 PROJECTS		**$4,142,809**		**$4,142,809**	**$0**	**$4,142,809**
MISCELLANEOUS / OTHER / UNDETERMINED	**$10,140,011.62**	**$54,545,736**	**$0**	**$64,685,747**	**$512,000**	**$64,173,747**
FEDERAL AID TOTAL >	**$671,146,105**	**$376,147,317**	**$0**	**$1,047,293,422**	**$610,785,345**	**$437,052,151**
STATE MATCH FOR FEDERAL AID					**$123,810,948**	
NON-FEDERAL AID + FEDERAL AID TOTAL >					**$734,596,293**	

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

Federal Fiscal Year 2021						2017-2021 STIP, ORIGINAL
	I	II	III	IV	V	VI
FUNDING CATEGORY	**ANTICIPATED NET APPORTIONMENTS OF FEDERAL FUNDS**	**ESTIMATED CARRYOVER BALANCE**	**ANTICIPATED TRANSFER OF FUNDS**	**TOTAL FUNDS AVAILABLE (10/1) SUBJECT TO OBLIGATION AUTHORITY**	**PROGRAMMED OBLIGATIONS**	**ESTIMATED BALANCE REMAINING**
NATIONAL HIGHWAY PERFORMANCE	**$337,192,402**	**$51,317,877**	**$0**	**$388,510,279**	**$310,263,807**	**$78,246,472**
NATIONAL HIGHWAY FREIGHT PROGRAM	**$22,458,721**	**$55,125,785**	**$0**	**$77,584,506**	**$0**	**$77,584,506**
STP FLEX	**$48,400,701**	**$9,655,194**	**$0**	**$58,055,895**	**$52,624,726**	**$5,431,169**
BRIDGE-OFF SYSTEM	**$28,456,838**	**$55,955,347**		**$84,412,185**	**$28,773,341**	**$55,638,844**
STP NON-FLEX	**$89,354,743**	**$52,474,744**		**$141,829,487**	**$93,992,014**	**$47,837,473**
	$55,846,914	$691,238		$56,538,152	$56,251,678	$286,474
-BOSTON URBAN AREA	$3,370,385	$79,552		$3,449,937	$3,213,581	$236,356
-BARNSTABLE URBAN AREA	$7,262,652	$15,006,696		$22,269,348	$10,558,708	$11,710,640
-SPRINGFIELD, CHICOPEE, HOLYOKE	$6,196,962	$13,361,691		$19,558,653	$9,474,744	$10,083,909
-WORCESTER URBAN AREA	$3,555,931	$21,588,718		$25,144,649	$0	$25,144,649
-PROVIDENCE, PAWTUCKET	$13,121,899	$1,746,850		$14,868,749	$14,493,303	$375,446
STP-ENHANCEMENT (RURAL & SMALL URBAN)	**$0**	**($5,823,850)**	**$0**	**($5,823,850)**	**$5,244,200**	**($11,068,050)**
SAFE ROUTES TO SCHOOLS PGM.	**$0**	**$398,483**		**$398,483**	**$0**	**$398,483**
RECREATIONAL TRAILS	**$1,186,729**	**$2,086,507**		**$3,273,236**	**$1,186,729**	**$2,086,507**
TAP FLEX	**$4,440,861**	**$4,283,348**	**$0**	**$8,724,209**	**$5,300,000**	**$3,424,209**
TAP NON-FLEX	**$5,376,538**	**$5,091,471**		**$10,468,009**	**$4,282,143**	**$6,185,866**
	$3,356,593	$493,791		$3,850,384	$3,777,589	$72,795
-BOSTON URBAN AREA	$202,572	$699,373		$901,945	$255,780	$646,165
-BARNSTABLE URBAN AREA	$436,510	$1,327,123		$1,763,633	$0	$1,763,633
-SPRINGFIELD, CHICOPEE, HOLYOKE	$372,459	$1,129,386		$1,501,845	$0	$1,501,845
-WORCESTER URBAN AREA	$213,724	$1,693,338		$1,907,062	$0	$1,907,062
-PROVIDENCE, PAWTUCKET	$794,680	$2,193,783		$2,988,463	$248,774	$2,739,689
HSIP SAFETY IMPROVEMENT PGM. (RURAL & SMALL URBAN)	**$36,197,875**	**$7,890,964**	**$0**	**$44,088,839**	**$34,202,149**	**$9,886,690**
HSIP - High Risk Rural		**$4,310,730**		**$4,310,730**	**$0**	**$4,310,730**
RLWY/HWY CROSSINGS- HAZARD ELIMINATION	**$1,346,508**	**$1,769,101**	**$0**	**$3,115,608**	**$1,000,000**	**$2,115,608**
RLWY/HWY CROSSINGS- PROTECTIVE DEVICES	**$1,346,508**	**$540,970**	**$0**	**$1,887,478**	**$1,000,000**	**$887,478**
CMAQ	**$68,370,147**	**$6,757,240**	**$0**	**$75,127,387**	**$61,726,779**	**$6,757,240**
PLANNING	**$21,812,258**	**$33,196,230**		**$55,008,488**	**$24,295,040**	**$33,196,230**
FEDERAL AID SUB-TOTAL:	**$665,940,827**	**$285,030,140**	**$0**	**$950,970,968**	**$623,890,928**	**$322,919,454**
				Estimated Obligation Authority	**$640,000,000**	
HIGH PRIORITY PROJECTS		**$88,956,083**		**$88,956,083**	**$0**	**$88,956,083**
FERRY BOAT DESC		**$0**		**$0**	**$0**	
SECTION 115 PROJECTS		**$418,520**		**$418,520**	**$0**	**$418,520**
SECTION 117 PROJECTS		**$230,852**		**$230,852**	**$0**	**$230,852**
SECTION 125 PROJECTS		**$4,142,809**		**$4,142,809**	**$0**	**$4,142,809**
MISCELLANEOUS / OTHER / UNDETERMINED	**$10,140,011.62**	**$64,173,747**	**$0**	**$74,313,759**	**$8,084,944**	**$66,228,815**
FEDERAL AID TOTAL >	**$676,080,839**	**$442,952,151**	**$0**	**$1,119,032,990**	**$631,975,872**	**$482,896,532**
STATE MATCH FOR FEDERAL AID					**$135,882,505**	
NON-FEDERAL AID + FEDERAL AID TOTAL >					**$767,858,377**	

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

Fiscal Constraint Analysis - 2017

Federal Funding Source	Carryover	Current Year Available	Programmed Funds	Unprogrammed Funds
5307	$35,104,653	$198,445,807	$135,255,770	$98,294,690
5309	$0	$150,000,000	$150,000,000	$0
5310	$0	$5,197,746	$5,197,746	$0
5311	$0	$3,749,029	$3,749,029	$0
5337	$9,553,229	$140,454,144	$123,587,796	$26,419,577
5339	$2,057,818	$11,071,754	$10,770,278	$2,359,294
	$46,715,700	**$508,918,480**	**$428,560,619**	**$127,073,561**

State Funding Source	Current Year Available	Programmed Funds	Unprogrammed Funds
RTACAP	$46,240,712	$46,240,712	$0
SCA	$24,387,627	$24,387,627	$0
TDC*	n/a	$865,600	n/a
MAP	$4,064,000	$4,064,000	$0
Local	$290,109,110	$290,109,110	$0
Total Non-Federal Aid	**$364,801,449**	**$364,801,449**	**$0**

Fiscal Constraint Analysis - 2018

Federal Funding Source	Carryover	Current Year Available	Programmed Funds	Unprogrammed Funds
5307	$98,294,690	$201,422,494	$134,288,901	$165,428,283
5309	$0	$150,000,000	$150,000,000	$0
5310	$0	$5,197,746	$5,197,746	$0
5311	$0	$3,749,029	$3,749,029	$0
5337	$26,419,577	$142,560,956	$123,611,768	$45,368,765
5339	$2,359,294	$11,237,830	$10,022,613	$3,574,511
	$127,073,561	**$514,168,056**	**$426,870,057**	**$214,371,560**

State Funding Source	Current Year Available	Programmed Funds	Unprogrammed Funds
RTACAP	$66,287,359	$66,287,359	$0
SCA	$22,437,641	$22,437,641	$0
TDC*	n/a	$739,200	n/a
MAP	$4,064,000	$4,064,000	$0
Local	$256,467,509	$256,467,509	$0
Total Non-Federal Aid	**$349,256,509**	**$349,256,509**	**$0**

Fiscal Constraint Analysis - 2019

Federal Funding Source	Carryover	Current Year Available	Programmed Funds	Unprogrammed Funds
5307	$165,428,283	$204,443,832	$137,466,901	$232,405,214
5309	$0	$150,000,000	$150,000,000	$0
5310	$0	$5,197,746	$5,197,746	$0
5311	$0	$3,749,029	$3,749,029	$0
5337	$45,368,765	$144,699,371	$123,635,981	$66,432,155
5339	$3,574,511	$11,406,398	$9,289,291	$5,691,618
	$214,371,560	**$519,496,375**	**$429,338,948**	**$304,528,986**

State Funding Source	Current Year Available	Programmed Funds	Unprogrammed Funds
RTACAP	$32,085,702	$32,085,702	$0
SCA	$21,399,310	$21,399,310	n/a
TDC*	n/a	$712,800	n/a
MAP	$4,064,000	$4,064,000	$0
Local	$92,262,657	$92,262,657	$0
Total Non-Federal Aid	**$149,811,669**	**$149,811,669**	**$0**

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

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

Fiscal Constraint Analysis - 2020

Federal Funding Source	Carryover	Current Year Available	Programmed Funds	Unprogrammed Funds
5307	$232,405,214	$207,510,489	$209,832,990	$230,082,713
5309	$0	$150,000,000	$150,000,000	$0
5310	$0	$5,197,746	$5,197,746	$0
5311	$0	$3,749,029	$3,749,029	$0
5337	$66,432,155	$146,869,861	$147,741,441	$65,560,575
5339	$5,691,618	$11,577,494	$10,422,524	$6,846,588
	$304,528,986	**$524,904,619**	**$526,943,730**	**$302,489,875**

State Funding Source	Current Year Available	Programmed Funds	Unprogrammed Funds
RTACAP	$16,461,644	$16,461,644	$0
SCA	$20,385,762	$20,385,762	$0
TDC*	n/a	$896,804	n/a
MAP	$4,064,000	$4,064,000	$0
Local	$189,389,902	$189,389,902	$0
Total Non-Federal Aid	**$230,301,308**	**$230,301,308**	**$0**

Fiscal Constraint Analysis - 2021

Federal Funding Source	Carryover	Current Year Available	Programmed Funds	Unprogrammed Funds
5307	$230,082,713	$210,623,146	$207,178,172	$233,527,687
5309	$0	$150,000,000	$150,000,000	$0
5310	$0	$5,197,746	$5,197,746	$0
5311	$0	$3,749,029	$3,749,029	$0
5337	$65,560,575	$149,072,909	$147,766,140	$66,867,344
5339	$6,846,588	$11,751,156	$10,462,048	$8,135,696
	$302,489,875	**$530,393,986**	**$524,353,135**	**$308,530,727**

State Funding Source	Current Year Available	Programmed Funds	Unprogrammed Funds
RTACAP	$13,217,741	$13,217,741	$0
SCA	$20,727,350	$20,727,350	$0
TDC*	n/a	$1,003,016	n/a
MAP	$4,064,000	$4,064,000	$0
Local	$187,394,781	$187,394,781	$0
Total Non-Federal Aid	**$225,403,872**	**$225,403,872**	**$0**

Note: Transportation Development Credits (TDC) are a soft match.
Note: Carryover Funds are Federal Transit funds which have been apportioned to Regional Transit partners, but not previously obligated

2017-2021 Statewide Bridge Program Advance Construction (AC) Schedule

August 2016, Total Federal Participating Cost (including State Match)

STIP Version	Original

PROJ #	Region	Description	2017	2018	2019	2020	2021	Total Future / Remaining AC Conversions	Total Federal Participating Cost (Bridge Cost only)
FY16 and Prior Advertisements									
604029	Martha's Vineyard	OAK BLUFFS / TISBURY - BRIDGE REPLACEMENT: BEACH ROAD OVER LAGOON POND DRAWBRIDGE	$ 1,630,226	$ -	$ -	$ -	$ -	**$17,077,694**	**$45,757,776**
606553	Boston	HANOVER- NORWELL- SUPERSTRUCTURE REPLACEMENT, H-06-010, ST 3 OVER ST 123 (WEBSTER STREET) & N-24-003, ST 3 OVER ST 123 (HIGH STREET)	$ 12,955,600	$ -	$ -	$ -	$ -	**$12,955,600**	**$41,955,600**
		Scheduled AC Conversions	**$14,585,826**	**$0**	**$0**	**$0**	**$0**	**$30,033,294**	**$87,713,376**
FY17 Advertisements									
605306	Merrimack Valley	HAVERHILL- SUPERSTRUCTURE REPLACEMENT, H-12-039, I-495 (NB & SB) OVER MERRIMACK RIVER	$ 12,000,000	$ 23,000,000	$ 15,772,179	$ -	$ -	**$29,500,000**	**$41,500,000**
604173	Boston	BOSTON- BRIDGE REHABILITATION, B-16-016, NORTH WASHINGTON STREET OVER THE BOSTON INNER HARBOR	$ 24,237,956	$ 24,900,000	$ 24,900,000	$ 24,900,000	$ 13,462,044	**$88,462,044**	**$112,700,000**
		Scheduled AC Conversions	**$0**	**$47,900,000**	**$40,672,179**	**$24,900,000**	**$13,462,044**	**$117,962,044**	**$154,200,000**
FY18 Advertisements									
604952	Boston	LYNN- SAUGUS- BRIDGE REPLACEMENT, L-18-016=S-05-008, ROUTE 107 OVER THE SAUGUS RIVER (AKA - BELDEN G. BLY BRIDGE)		$ 25,764,000	$ 25,763,391	$ -	$ -	**$25,763,391**	**$50,800,000**
		Scheduled AC Conversions	**$0**	**$0**	**$25,763,391**	**$0**	**$0**	**$25,763,391**	**$50,800,000**
FY19 Advertisements									
0	#N/A	#N/A			$ -	$ -	$ -	**$0**	
		Scheduled AC Conversions	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**
FY20 Advertisements									
606309	Franklin	ORANGE- BRIDGE REPLACEMENT, O-03-021, ROUTE 2 OVER ROUTE 202				$ 6,000,000	$ 9,680,000	**$9,680,000**	**$15,680,000**
608009	Boston	BOXBOROUGH- BRIDGE REPLACEMENT, B-18-002, ROUTE 111 OVER I-495				$ 8,000,000	$ 6,295,000	**$6,295,000**	**$14,295,000**
		Scheduled AC Conversions	**$0**	**$0**	**$0**		**$15,975,000**	**$15,975,000**	**$29,975,000**
FY21 Advertisements									
0	#N/A	#N/A					$ -	**$0**	**$0**
		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)	**$14,585,826**	**$47,900,000**	**$66,435,570**	**$24,900,000**	**$29,437,044**	**$189,733,729**	

2017-2021 Statewide Category Programs Advance Construction (AC) Schedule

August 2016, Total Federal Participating Cost (including State Match)

STIP Version	Original

PROJ #	Region	Description	2017	2018	2019	2020	2021	Total Future / Remaining AC Conversions	Total Federal Participating Cost
FY16 and Prior Advertisements									
82865	Statewide	MASSRIDES - TRAVEL OPTIONS PROGRAM	$ 2,500,000	$ 2,500,000	$ -	$ -	$ -	$ 5,000,000	$ 13,376,027
603917	Boston	MEDFORD- STONEHAM- WOBURN- READING- HIGHWAY LIGHTING REHABILITATION ON I-93 (PHASE II)	$ 1,024,274	$ -				$ 1,024,274	$ 16,024,274
607731	Pioneer Valley	SPRINGFIELD- VIADUCT DECK REPLACEMENT OF S-24-061 ON I-91 (EARLY ACTION)	$ 9,000,000	$ -	$ -	$	$ -	$ 9,000,000	$ 181,676,402
607482	Statewide	DISTRICT 5- DISTRICT 6- ITS DEVICE INSTALLATION ON ROUTE 3 SOUTH, FROM BRAINTREE TO BOURNE (43 MILES)	$ 1,572,937	$ -	$ -	$ - -	$ -	$ 1,572,937	$ 6,900,937
		Scheduled AC Conversions	**$ 14,097,211**	**$ 2,500,000**	**$**	**$**	**$**	**$ 16,597,211**	**$ 217,977,640**
FY17 Advertisements									
608607	Statewide	DISTRICTS 3 AND 5 - ITS EQUIPMENT (CCTV CAMERAS, TRAFFIC SENSORS, AND VMS) FOR HIGHWAY OPERATIONS	$ 5,126,000	$ 1,124,000	$ -	$ -	$ -	$ 1,124,000	$ 6,250,000
		Scheduled AC Conversions	**$**	**$ 1,124,000**	**$**	**$**	**$**	**$ 1,124,000**	**$ 6,250,000**
FY18 Advertisements									
607487	Statewide	STATEWIDE- EXPANSION OF CCTV, VMS AND THE TRAFFIC SENSOR NETWORK		$ 5,126,000	$ 6,250,000	$ -	$ -	$ 6,250,000	$ 11,376,000
		Scheduled AC Conversions	**$**	**$**	**$ 6,250,000**	**$**	**$**	**$ 6,250,000**	**$ 11,376,000**
FY19 Advertisements									
MRIDES	Statewide	MASSRIDES - TRAVEL OPTIONS PROGRAM			$ 2,500,000	$ 2,696,283	$ 2,714,819	$ 14,100,000	$
608608	Boston	BRAINTREE - HIGHWAY LIGHTING IMPROVEMENTS AT I-93/ ROUTE 3 INTERCHANGE			$ 7,500,000	$ 2,197,229	$ -	$ 2,197,229	$ 16,600,000
		Scheduled AC Conversions	**$**	**$**		**$ 4,893,512**	**$ 2,714,819**	**$ 16,297,229**	**$ 26,297,229**
FY20 Advertisements									
607977	Boston	HOPKINTON- WESTBOROUGH- RECONSTRUCTION OF I-90/I-495 INTERCHANGE				$ 1,000,000	$ 37,500,000	$ 160,400,000	$ 9,697,229 161,400,000
608049	SE Mass	FALL RIVER- CORRIDOR IMPROVEMENTS ON ROUTE 79/DAVOL STREET				$ 1,000,000	$ 15,000,000	$ 73,000,000	$ 74,000,000
608479	SE Mass	ATTLEBORO- NORTH ATTLEBORO- RESURFACING AND RELATED WORK ON ROUTE 1				$ 5,077,952	$ 11,800,000	$ 11,800,000	$ 16,877,952
		Scheduled AC Conversions	**$**	**$**	**$**		**$ 64,300,000**	**$ 245,200,000**	**$ 252,277,952**
FY21 Advertisements									
	#N/A	#N/A							$ -
	#N/A	#N/A							$ -
		Scheduled AC Conversions							**$**
		NON - FEDERAL AID (TO BE CONVERTED TO FED. AID BY A/C CONVERSIONS AS SHOWN ABOVE)	**$ 14,097,211**	**$ 3,624,000**	**$ 6,250,000**	**$ 4,893,512**	**$ 67,014,819**	**$ 285,468,440**	

2017-2021 MPO Projects Advance Construction (AC) Schedule

August 2016, Total Federal Participating Cost (including State Match)

STIP Version	Original

PROJ #	Region	Description	2017	2018	2019	2020	2021	Total Future / Remaining AC Conversions	Total Federal Participating Cost
FY16 and Previous Advertisements									
1570	Boston	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	$ 29,900,000	$ 40,000,000	$ 40,000,000	$ 40,000,000	$ 32,000,000	**$ 152,000,000**	**$ 190,000,000**
29492	Boston	BEDFORD- BILLERICA- BURLINGTON- MIDDLESEX TURNPIKE IMPROVEMENTS, FROM CROSBY DRIVE NORTH TO MANNING ROAD, INCLUDES RECONSTRUCTION OF B-04-006 (PHASE III)	$ 15,043,606	$ -	$ -	$ -	$ -	**$ -**	**$ 36,735,048**
602280	Berkshire	DALTON- RECONSTRUCTION OF HOUSATONIC STREET, FROM ROUTE 8 & 9 TO ROUTE 8	$ 340,591	$ -	$ -	$ -	$ -	**$ 340,591**	**$ 11,181,142**
603711	Boston	NEEDHAM- WELLESLEY- REHAB/REPLACEMENT OF 6 BRIDGES ON I-95/ROUTE 128: N-04-020, N-04-021, N-04-022, N-04-026, N-04-027, N-04-037 & W-13-023 (ADD-A-LANE - CONTRACT V)	$ 24,539,816	$ 1,988,367	$ -	$ -	$ -	**$ 26,528,183**	**$ 166,348,452**
606433	Nantucket	NANTUCKET- MULTI-USE PATH CONSTRUCTION, FROM WASHINGTON STREET TO ORANGE STREET	$ 2,420,963	$ -	$ -	$ -	$ -	**$ 2,420,963**	**$ 3,729,822**
601630	Boston	WEYMOUTH- ABINGTON- RECONSTRUCTION & WIDENING ON ROUTE 18 (MAIN STREET) FROM HIGHLAND PLACE TO ROUTE 139 (4.0 MILES) INCLUDES REPLACING W-32-013, ROUTE 18 OVER THE OLD COLONY RAILROAD (MBTA)	$ 40,780,510	$ 19,591,490	$ 8,040,268	$ -	$ -	**$ 27,631,758**	**$ 81,812,268**
		Scheduled AC Conversions	**$ 113,025,486**	**$ 61,579,857**	**$ 48,040,268**	**$ 40,000,000**	**$ 32,000,000**	**$ 208,921,495**	**$ 489,806,732**
FY17 Advertisements									
606124	Montachusett	FITCHBURG- LUNENBURG- LEOMINSTER- RECONSTRUCTION OF SUMMER STREET AND NORTH STREET	$ 1,115,616	$ 8,823,515	$ -	$ -	$ -	**$ -**	**$ 9,939,131**
CC1000	Cape Cod	BARNSTABLE - HYANNIS LOOP DEMONSTATION	$ 685,464	$ 711,828	$ -	$ -	$ -	**$ -**	**$ 1,397,292**
		Scheduled AC Conversions	**$**	**$ 9,535,343**	**$**	**$**	**$**	**$**	**$ 11,336,423**
FY18 Advertisements									
117106	SE Mass	WAREHAM - RECONSTRUCTION OF ROUTE 6 & 28, FROM 500 FT. EAST OF TYLER AVENUE TO RED BROOK ROAD (1.65 miles)		$ 9,175,846	$ 9,175,845	$ -	$ -	**$ 9,175,845**	**$ 18,351,691**
606233	Berkshire	PITTSFIELD- INTERSECTION & SIGNAL IMPROVEMENTS AT FIRST STREET & NORTH STREET (NEAR BERKSHIRE MEDICAL CENTER)		$ 740,772	$ 6,944,828	$ -	$ -	**$ 6,944,828**	**$ 7,685,600**
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		$ 1,981,658	$ 668,216	$ -	$ -	**$ 668,216**	**$ 2,649,874**
		Scheduled AC Conversions	**$**	**$**	**$ 16,788,889**	**$**	**$**	**$ 16,788,889**	**$ 28,687,165**
FY19 Advertisements									
602418	Merrimack Valley	AMESBURY- RECONSTRUCTION OF ELM STREET			$ 3,337,520	$ 6,389,001	$ -	**$ 9,726,521**	**$ 9,726,521**
606125	Central Mass	UPTON - RECONSTRUCTION OF HARTFORD AVENUE NORTH, HIGH STREET AND HOPKINTON ROAD (PHASE 1)			$ 6,749,184	$ 4,274,483	$ -	**$ 11,023,667**	**$ 11,023,667**
NT0001	Nantucket	INTERSECTION IMPROVEMENTS AT SURFSIDE ROAD AND BARTLETT ROAD			$ 452,220	$ 461,571	$ -	**$ 913,791**	**$ 913,791**
		Scheduled AC Conversions	**$**	**$**		**$ 11,125,055**	**$**	**$ 21,663,979**	**$ 21,663,979**

2017-2021 MPO Projects Advance Construction (AC) Schedule

August 2016, Total Federal Participating Cost (including State Match)

STIP Version	Original

PROJ #	Region	Description	2017	2018	2019	2020	2021	Total Future / Remaining AC Conversions	Total Federal Participating Cost
FY20 Advertisements									
602659	Central Mass	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				$ 1,000,000	$ 21,786,727	**$ 21,786,727**	**$ 22,786,727**
608142	Martha's Vineyard	OAK BLUFFS- CONSTRUCTION OF A SHARED USE PATH ALONG BEACH ROAD, FROM THE LAGOON POND BRIDGE NORTHERLY TO THE EASTVILLE AVENUE/COUNTY ROAD INTERSECTION				$ 684,040	$ 1,556,408	**$ 1,556,408**	**$ 2,240,448**
606226	Boston	BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE				$ 7,000,000	$ 30,411,459	**$ 30,411,459**	**$ 37,411,459**
607319	Cape Cod	MASHPEE- CORRIDOR IMPROVEMENTS & RELATED WORK ON NATHAN ELLIS HIGHWAY (ROUTE 151), FROM MASHPEE ROTARY TO FALMOUTH T.L.				$ 2,120,112	$ 7,120,000	**$ 7,120,000**	**$ 9,240,112**
		Scheduled AC Conversions	**$**	**$**	**$**		**$ 60,874,594**	**$ 60,874,594**	**$ 71,678,746**
FY21 Advertisements									
608095	Merrimack Valley	NORTH ANDOVER- CORRIDOR IMPROVEMENTS ON ROUTE 114, BETWEEN ROUTE 125 (ANDOVER STREET) & STOP & SHOP DRIVEWAY					$ 9,775,158	**$ 8,413,803**	**$ 18,188,961**
607319	Cape Cod	MASHPEE- CORRIDOR IMPROVEMENTS & RELATED WORK ON NATHAN ELLIS HIGHWAY (ROUTE 151), FROM MASHPEE ROTARY TO FALMOUTH T.L.					$ 7,120,000	**$ 2,120,112**	**$ 9,240,112**
606463	Franklin	BUCKLAND- RECONSTRUCTION & MINOR WIDENING ON CONWAY STREET, SOUTH STREET & CONWAY ROAD					$ 5,604,718	**$ 431,752**	**$ 6,036,470**
		Scheduled AC Conversions	**$**	**$**	**$**			**$ 10,965,667**	**$ 33,465,543**
		Scheduled AC Conversions	**$**	**$**	**$**	**$**		**$ 5,570,000**	**$ 14,810,112**

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 approved 2017-2021 Capital Investment Plan (CIP) contains a portfolio of strategic investments organized into three priority areas of descending importance: system reliability, asset modernization, and capacity expansion. These priorities form the foundation of not only this plan, but of a vision for MassDOT and the MBTA where all Massachusetts residents and businesses have access to safe and reliable transportation options. This STIP represents just a portion of the total investments made in the CIP.

Of $5.8 billion in total the MassDOT Highway Division capital investments, for example, $4.2 billion is allocated to improve the reliability and efficiency of the overall roadway network, mainly by improving bridge and pavement conditions. A recent asset management report done for the Division pointed to serious deterioration of the condition of pavement on state-owned, non-Interstate highways at current spending levels. In response, the CIP increases investments in this program to $476 million, which is about 80 percent more than historic levels.

Bridges across the state also need attention. While the Accelerated Bridge Program has been able to complete critically important, high-cost mega-projects, this 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 proposed five-year capital plan for the MBTA also emphasizes reliability, with annual spending ramping up to $765 million in FY18 to reduce the MBTA's $7.4 billion backlog in state of good repair projects. Another $1.6 billion over five years goes to the design and acquisition of new Red, Orange, and Green Line vehicles and buses and for capital maintenance of the existing fleet, including $240 million to improve the reliability of Commuter Rail locomotives and coaches. More than $1 billion is set for track, signal, and power projects on the Red, Orange, and Green lines and the Commuter Rail system. Also among the Reliability investments are $654 million for upgrades to the Cabot and Wellington vehicle maintenance facilities, Wollaston station on the Red Line, and the Winchester Commuter Rail station. And the proposed $497 million MBTA bridge program includes $97 million for the much-needed project to repair Draw 1/Tower A at North Station.

MassDOT will continue to provide the Commonwealth's 15 Regional Transit Authorities with an aggregate total of $20-25 million annually in capital assistance to further enhance their reliability of service. The CIP calls for $41.9 million for vehicle and facility maintenance and $116.6 million for vehicle replacement. Through the Mobility Assistance program, MassDOT provides an additional $57.5 million goes to help communities purchase vehicles to transport senior citizens and customers with disabilities.

Chapter 90

The Chapter 90 program entitles municipalities to 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. Therefore, the Chapter 90 program provides municipalities with a high level of local control over infrastructure spending which supports the overall operations and maintenance of the transportation system. Over the past seven state fiscal years, over $1.4 billion has been invested into our local infrastructure.



Summary of Operating and Maintenance Expenditures as of May 20, 2016

Program Group/Sub Group	Est SFY 2017 Spending	Est SFY 2018 Spending	Est SFY 2019 Spending	Est SFY 2020 Spending	Est SFY 2021 Spending
Statewide Contracts - Part 1: Non-Federal Aid					
Section I - Non Federal Aid Maintenance Projects - State Bondfunds					
01 - Bridge Repair & Replacement					
New Bridge (Excluded)					
Bridge Replacement (Excluded)					
Bridge Reconstruction/Rehab	$ 818,992.44	$ 976,171.57	$ 658,509.19	$ 817,891.07	$ 817,523.94
Drawbridge Maintenance	$ 6,222,342.93	$ 6,273,904.64	$ 6,267,804.31	$ 6,254,683.96	$ 6,265,464.30
Structures Maintenance	$ 29,570,731.37	$ 27,473,076.70	$ 27,267,651.91	$ 28,103,819.99	$ 27,614,849.54
02 - Bridge Painting					
Painting - Structural	$ 908,739.44	$ 882,812.23	$ 782,346.18	$ 857,965.95	$ 841,041.45
03 - Roadway Reconstruction					
Hwy Relocation (Excluded)	n/a	n/a	n/a	n/a	n/a
Hwy Recon. - Added Capacity (Excluded)	n/a	n/a	n/a	n/a	n/a
New Construction (Excluded)	n/a	n/a	n/a	n/a	n/a
Hwy Reconstr - Restr and Rehab	$ 373,528.05	$ 159,748.35	$ 190,114.17	$ 241,130.19	$ 196,997.57
Hwy Reconstr - No Added Capacity	$ -	$ -	$ -	$ -	$ -
Hwy Reconstr - Minor Widening	$ -	$ -	$ -	$ -	$ -
Hwy Reconstr - Major Widening	$ -	$ -	$ -	$ -	$ -
04 - Roadway Resurfacing					
Resurfacing	$ 26,795,308.32	$ 26,327,308.22	$ 24,585,035.10	$ 25,902,550.55	$ 25,604,964.62
05 - Intersection & Safety					
Impact Attenuators	$ 402,875.99	$ 454,128.99	$ 435,387.57	$ 430,797.52	$ 440,104.69
Safety Improvements	$ -	$ -	$ -	$ -	$ -
Traffic Signals	$ 2,784,931.41	$ 2,584,071.88	$ 2,434,953.39	$ 2,601,318.89	$ 2,540,114.72
06 - Signs & Lighting					
Electrical	$ 1,809,482.50	$ 1,847,166.03	$ 1,833,658.59	$ 1,830,102.37	$ 1,836,975.67
Sign Installation / Upgrading	$ 573,731.45	$ 491,386.72	$ 439,996.78	$ 501,704.98	$ 477,696.16
Structural Signing	$ 466,454.10	$ 417,544.22	$ 436,397.61	$ 440,131.98	$ 431,357.94
07 - Guardrail					
Guard Rail and Fencing	$ 4,836,843.20	$ 5,373,072.96	$ 5,613,969.18	$ 5,274,628.45	$ 5,420,556.86
08 - Maintenance					
Catch Basin Cleaning	$ 5,397,124.40	$ 5,446,603.75	$ 5,136,814.58	$ 5,326,847.58	$ 5,303,421.97
Crack Sealing	$ 1,004,656.88	$ 551,138.64	$ 524,957.81	$ 693,584.44	$ 589,893.63
Landscaping	$ 7,142,253.56	$ 6,643,654.17	$ 6,165,195.41	$ 6,650,367.71	$ 6,486,405.77
Mowing and Spraying	$ 4,459,801.49	$ 4,268,509.42	$ 4,146,383.54	$ 4,291,564.82	$ 4,235,485.93
Pavement Marking	$ 984,894.15	$ 1,174,527.82	$ 1,487,617.55	$ 1,215,679.84	$ 1,292,608.41
Sewer and Water	$ 3,939,427.56	$ 3,813,137.36	$ 3,625,171.08	$ 3,792,578.67	$ 3,743,629.04
Process/Recycle/Trnsprt Soils	$ -	$ -	$ -	$ -	$ -
Contract Hwy Maint.	$ 594,912.11	$ 732,073.61	$ 801,543.79	$ 709,509.84	$ 747,709.08
09 - Facilities					
Chemical Storage Sheds	$ 903,195.66	$ 921,251.16	$ 900,711.17	$ 908,386.00	$ 910,116.11
Vertical Construction	$ 6,031,110.96	$ 6,611,410.74	$ 7,018,249.49	$ 6,553,590.40	$ 6,727,750.21
10 - Bikeways (Excluded)	n/a	n/a	n/a	n/a	n/a
11 - Other					
Demolition	$ -	$ -	$ -	$ -	$ -
Drilling & Boring	$ 6,327.93	$ 8,437.24	$ 6,641.73	$ 7,135.63	$ 7,404.87
Highway Sweeping	$ 650,014.63	$ 633,813.67	$ 550,092.73	$ 611,307.01	$ 598,404.47
Intelligent Transportation System	$ 73,954.96	$ 69,931.63	$ 49,889.65	$ 64,592.08	$ 61,471.12
Marine Construction	$ -	$ -	$ -	$ -	$ -
Miscellaneous / No prequal	$ 2,129,490.69	$ 2,196,356.88	$ 2,204,095.36	$ 2,176,647.64	$ 2,192,366.63
Reclamation	$ -	$ -	$ -	$ -	$ -
Underground Tank Removal Replace	$ -	$ -	$ -	$ -	$ -
Hazardous Waste Remediation	$ 17,804.89	$ 5,934.96	$ 7,913.29	$ 10,551.05	$ 8,133.10
Unknown	$ 1,356,607.68	$ 1,636,167.00	$ 1,551,126.50	$ 1,514,633.73	$ 1,567,309.08
Section I Total:	**$ 110,255,539**	**$ 107,973,341**	**$ 105,122,228**	**$ 107,783,702**	**$ 106,959,757**
Section II - Non Federal Aid Highway Operations - State Operating Budget Funding					
12 - Snow and Ice Operations & Materials					
	$ 110,899,956.00	$ 115,607,786.75	$ 114,526,326.19	$ 105,356,632.73	$ 111,597,675.42
13 - District Maintenance Payroll					
Mowing, Litter Management, Sight Distance Clearing, Etc.	$ 38,438,161.42	$ 38,409,044.02	$ 37,745,292.05	$ 36,858,690.44	$ 37,862,796.98
Section II Total:	**$ 149,338,117**	**$ 154,016,831**	**$ 152,271,618**	**$ 142,215,323**	**$ 149,460,472**
Grand Total NFA:	**$ 259,593,656**	**$ 261,990,171**	**$ 257,393,846**	**$ 249,999,026**	**$ 256,420,229**

Summary of Operating and Maintenance Expenditures as of May 20, 2016

Program Group/Sub Group	Est. SFY 2017 Spending	Est. SFY 2018 Spending	Est. SFY 2019 Spending	Est. SFY 2020 Spending	Est. SFY 2021 Spending
State Total - Part 1: Non-Federal Aid					
Section I - Non Federal Aid Maintenance Projects - State Bondfunds					
01 - Bridge Repair & Replacement					
New Bridge (Excluded)	n/a	n/a	n/a	n/a	n/a
Bridge Replacement (Excluded)	n/a	n/a	n/a	n/a	n/a
Bridge Reconstruction/Rehab	$ 33,519,818	$ 33,737,676	$ 32,549,024	$ 33,268,839	$ 33,185,180
Drawbridge Maintenance	$ 6,558,629	$ 6,541,360	$ 6,469,051	$ 6,523,013	$ 6,511,142
Structures Maintenance	$ 55,082,841	$ 54,278,812	$ 53,806,086	$ 54,389,247	$ 54,158,048
02 - Bridge Painting					
Painting - Structural	$ 2,026,835	$ 2,101,739	$ 2,032,633	$ 2,053,736	$ 2,062,703
03 - Roadway Reconstruction					
Hwy Relocation (Excluded)	n/a	n/a	n/a	n/a	n/a
Hwy Recon. - Added Capacity (Excluded)	n/a	n/a	n/a	n/a	n/a
New Construction (Excluded)	n/a	n/a	n/a	n/a	n/a
Hwy Reconstr - Restr and Rehab	$ 407,539	$ 186,651	$ 212,713	$ 268,968	$ 222,777
Hwy Reconstr - No Added Capacity	$ 361,593	$ 125,966	$ 164,064	$ 217,208	$ 169,079
Hwy Reconstr - Minor Widening	$ 1,123,095	$ 1,478,852	$ 1,791,900	$ 1,464,616	$ 1,578,456
Hwy Reconstr - Major Widening	$ 2,562,144	$ 2,647,016	$ 2,531,887	$ 2,580,349	$ 2,586,418
04 - Roadway Resurfacing					
Resurfacing	$ 41,786,147	$ 46,173,175	$ 40,419,973	$ 42,793,098	$ 43,128,749
05 - Intersection & Safety					
Impact Attenuators	$ 402,876	$ 454,129	$ 435,388	$ 430,798	$ 440,105
Safety Improvements	$ -	$ -	$ -	$ -	$ -
Traffic Signals	$ 2,792,697	$ 2,594,426	$ 2,440,993	$ 2,609,372	$ 2,548,264
06 - Signs & Lighting					
Electrical	$ 1,811,724	$ 1,847,913	$ 1,834,655	$ 1,831,431	$ 1,838,000
Sign Installation / Upgrading	$ 573,731	$ 491,387	$ 439,997	$ 501,705	$ 477,696
Structural Signing	$ 466,454	$ 417,544	$ 436,398	$ 440,132	$ 431,358
07 - Guardrail					
Guard Rail and Fencing	$ 4,837,759	$ 5,374,294	$ 5,614,681	$ 5,275,578	$ 5,421,518
08 - Maintenance					
Catch Basin Cleaning	$ 5,397,124	$ 5,446,604	$ 5,136,815	$ 5,326,848	$ 5,303,422
Contract Highway Maintenance	$ 1,004,657	$ 551,139	$ 524,958	$ 693,584	$ 589,894
Crack Sealing	$ 7,142,254	$ 6,643,654	$ 6,165,195	$ 6,650,368	$ 6,486,406
Landscaping	$ 4,461,845	$ 4,271,234	$ 4,147,973	$ 4,293,684	$ 4,237,630
Mowing and Spraying	$ 984,894	$ 1,174,528	$ 1,487,618	$ 1,215,680	$ 1,292,608
Pavement Marking	$ 3,940,701	$ 3,813,562	$ 3,625,737	$ 3,793,333	$ 3,744,211
Process/Recycle/Trnsport Soils	$ 131,322	$ 46,806	$ 60,709	$ 79,613	$ 62,376
Sewer and Water	$ 596,872	$ 734,687	$ 803,068	$ 711,542	$ 749,766
09 - Facilities					
Chemical Storage Sheds	$ 903,196	$ 921,251	$ 900,711	$ 908,386	$ 910,116
Vertical Construction	$ 12,766,702	$ 11,623,042	$ 12,456,670	$ 12,282,138	$ 12,120,616
10 - Bikeways (Excluded)	n/a	n/a	n/a	n/a	n/a
11 - Other					
Demolition	$ 102,207	$ 51,501	$ 53,347	$ 69,018	$ 57,955
Drilling & Boring	$ 6,328	$ 8,437	$ 6,642	$ 7,136	$ 7,405
Highway Sweeping	$ 650,015	$ 633,814	$ 550,093	$ 611,307	$ 598,404
Intelligent Transportation System	$ 83,347	$ 80,756	$ 64,322	$ 76,142	$ 73,740
Marine Construction	$ -	$ -	$ -	$ -	$ -
Miscellaneous / No prequal	$ 2,346,038	$ 2,366,321	$ 2,429,539	$ 2,380,633	$ 2,392,164
Reclamation	$ 289,906	$ 386,541	$ 413,689	$ 363,379	$ 387,870
Underground Tank Removal Replace	$ -	$ -	$ -	$ -	$ -
Hazardous Waste Remediation	$ 17,805	$ 5,935	$ 7,913	$ 10,551	$ 8,133
Unknown	$ 1,356,608	$ 1,636,167	$ 1,551,127	$ 1,514,634	$ 1,567,309
Section I Total:	**$ 196,495,704**	**$ 198,846,919**	**$ 191,565,570**	**$ 195,636,064**	**$ 195,349,518**
Section II - Non Federal Aid Highway Operations - State					
12 - Snow and Ice Operations & Materials	**$ 110,899,956**	**$ 115,607,787**	**$ 114,526,326**	**$ 105,356,633**	**$ 111,597,675**
Snow and Ice Operations & Materials	$ 110,899,956	$ 115,607,787	$ 114,526,326	$ 105,356,633	$ 111,597,675
13 - District Maintenance Payroll	**$ 38,438,161**	**$ 38,409,044**	**$ 37,745,292**	**$ 36,858,690**	**$ 37,862,797**
(Mowing, Litter Management, Sight Distance Clearing, Etc.)	$ 38,438,161	$ 38,409,044	$ 37,745,292	$ 36,858,690	$ 37,862,797
Section II Total:	**$ 149,338,117**	**$ 154,016,831**	**$ 152,271,618**	**$ 142,215,323**	**$ 149,460,472**
Grand Total NFA:	**$ 345,833,822**	**$ 352,863,750**	**$ 343,837,188**	**$ 337,851,388**	**$ 344,809,990**

Summary of Operating and Maintenance Expenditures as of May 20, 2016

Program Group/Sub Group	Estimated SFY 2017 Expenditures	Estimated SFY 2018 Expenditures	Estimated SFY 2019 Expenditures	Estimated SFY 2020 Expenditures	Estimated SFY 2021 Expenditures
Statewide Contracts - Part 2: Federal Aid					
Section 1 - Federal Aid Maintenance Projects					
01 - Bridge Repair & Replacement					
New Bridge (Excluded)					
Bridge Replacement (Excluded)					
Bridge Reconstruction/Rehab	$ -	$ -	$ -	$ -	$ -
Drawbridge Maintenance	$ -	$ -	$ -	$ -	$ -
Structures Maintenance	$ 4,683,906	$ 5,457,286.29	$ 5,306,780	$ 5,149,324	$ 5,304,463
02 - Bridge Painting					
Painting - Structural	$ -	$ -	$ -	$ -	$ -
03 - Roadway Reconstruction					
Hwy Relocation (Excluded)	n/a	n/a	n/a	n/a	n/a
Hwy Recon. - Added Capacity (Excluded)	n/a	n/a	n/a	n/a	n/a
New Construction (Excluded)	n/a	n/a	n/a	n/a	n/a
Hwy Reconstr - Restr and Rehab	$ 1,327,895	$ 1,371,004.87	$ 1,228,748	$ 1,309,216	$ 1,302,990
Hwy Reconstr - No Added Capacity	$ 743,411	$ 941,877.33	$ 917,368	$ 867,552	$ 908,933
Hwy Reconstr - Minor Widening	$ -	$ -	$ -	$ -	$ -
Hwy Reconstr - Major Widening	$ -	$ -	$ -	$ -	$ -
04 - Roadway Resurfacing					
Resurfacing	$ 1,063,258	$ 1,417,677.32	$ 1,872,846	$ 1,451,260	$ 1,580,595
05 - Intersection & Safety					
Impact Attenuators	$ -	$ -	$ -	$ -	$ -
Safety Improvements	$ -	$ -	$ -	$ -	$ -
Traffic Signals	$ 578,370	$ 771,160.32	$ 786,837	$ 712,123	$ 756,707
06 - Signs & Lighting					
Electrical	$ 711,277	$ 332,457.46	$ 366,109	$ 469,948	$ 389,505
Sign Installation / Upgrading	$ 2,732	$ 2,014.16	$ 2,686	$ 2,477	$ 2,392
Structural Signing	$ -	$ -	$ -	$ -	$ -
07 - Guardrail					
Guard Rail and Fencing	$ -	$ -	$ -	$ -	$ -
08 - Maintenance					
Catch Basin Cleaning	$ 9,639	$ 12,851.56	$ 7,497	$ 9,996	$ 10,115
Contract Highway Maintenance	$ 133,246	$ 175,209.59	$ 106,311	$ 138,256	$ 139,925
Crack Sealing	$ -	$ -	$ -	$ -	$ -
Landscaping	$ 9,823	$ 13,097.88	$ 17,464	$ 13,462	$ 14,674
Mowing and Spraying	$ -	$ -	$ -	$ -	$ -
Pavement Marking	$ 398,904	$ 487,460.45	$ 519,534	$ 468,633	$ 491,876
Process/Recycle/Trnsport Soils	$ -	$ -	$ -	$ -	$ -
Sewer and Water	$ -	$ -	$ -	$ -	$ -
09 - Facilities					
Chemical Storage Sheds	$ -	$ -	$ -	$ -	$ -
Vertical Construction	$ 11,714	$ 15,329.07	$ 20,439	$ 15,827	$ 17,198
10 - Bikeways (Excluded)	**n/a**	**n/a**	**n/a**	**n/a**	**n/a**
11 - Other					
Demolition	**$**	**0**	**$**	**$**	**0**
Drilling & Boring	$ 305	$ 101.78	$ 136	$ 181	$ 139
Highway Sweeping	$ -	$ -	$ -	$ -	$ -
Intelligent Transportation System	$ 6,251,591	$ 7,097,285.30	$ 8,114,072	$ 7,154,316	$ 7,455,224
Marine Construction	$ -	$ -	$ -	$ -	$ -
Miscellaneous / No prequal	$ 3,235	$ 1,078.42	$ 1,438	$ 1,917	$ 1,478
Reclamation	$ -	$ -	$ -	$ -	$ -
Underground Tank Removal Replace	$ -	$ -	$ -	$ -	$ -
Unknown	$ 443	$ 591.11	$ 345	$ 460	$ 465
Section I Total:	**$ 15,929,752**	**$ 18,096,483**	**$ 19,268,609**	**$ 17,764,948**	**$ 18,376,680**
Grand Total Federal Aid:	**$ 15,929,752**	**$ 18,096,483**	**$ 19,268,609**	**$ 17,764,948**	**$ 18,376,680**

Summary of Operating and Maintenance Expenditures as of May 20, 2016

Program Group/Sub Group	Estimated SFY 2017 Expenditures	Estimated SFY 2018 Expenditures	Estimated SFY 2019 Expenditures	Estimated SFY 2020 Expenditures	Estimated SFY 2021 Expenditures
State Total - Part 2: Federal Aid					
Section I - Federal Aid Maintenance Projects					
01 - Bridge Repair & Replacement					
New Bridge (Excluded)	n/a	n/a	n/a	n/a	n/a
Bridge Replacement (Excluded)	n/a	n/a	n/a	n/a	n/a
Bridge Reconstruction/Rehab	$ 192,537,060	$ 184,253,340	$ 174,736,422	$ 183,842,274	$ 180,944,012
Drawbridge Maintenance	$ -	$ -	$ -	$ -	$ -
Structures Maintenance	$ 19,410,398	$ 22,030,361	$ 21,003,679	$ 20,814,812	$ 21,282,950
02 - Bridge Painting					
Painting - Structural	$ 1,862,396	$ 1,223,296	$ 1,505,484	$ 1,530,392	$ 1,419,724
03 - Roadway Reconstruction					
Hwy Relocation (Excluded)	n/a	n/a	n/a	n/a	n/a
Hwy Recon. - Added Capacity (Excluded)	n/a	n/a	n/a	n/a	n/a
New Construction (Excluded)	n/a	n/a	n/a	n/a	n/a
Hwy Reconstr - Restr and Rehab	$ 34,273,785	$ 37,386,882	$ 36,021,263	$ 35,893,977	$ 36,434,041
Hwy Reconstr - No Added Capacity	$ 41,683,394	$ 45,828,931	$ 43,559,156	$ 43,690,494	$ 44,359,527
Hwy Reconstr - Minor Widening	$ 20,023,911	$ 22,058,273	$ 21,765,090	$ 21,282,424	$ 21,701,929
Hwy Reconstr - Major Widening	$ 2,172,779	$ 2,555,886	$ 2,305,088	$ 2,344,584	$ 2,401,853
04 - Roadway Resurfacing					
Resurfacing	$ 106,561,879	$ 103,852,675	$ 101,009,470	$ 103,808,008	$ 102,890,051
05 - Intersection & Safety					
Impact Attenuators	$ -	$ -	$ -	$ -	$ -
Safety Improvements	$ 1,800	$ 600	$ 800	$ 1,066	$ 822
Traffic Signals	$ 9,950,226	$ 11,306,096	$ 10,407,814	$ 10,554,712	$ 10,756,207
06 - Signs & Lighting					
Electrical	$ 986,518	$ 583,287	$ 585,349	$ 718,384	$ 629,007
Sign Installation / Upgrading	$ 2,339,176	$ 2,169,688	$ 1,661,002	$ 2,056,622	$ 1,962,437
Structural Signing	$ 6,133,609	$ 6,039,073	$ 6,375,971	$ 6,182,885	$ 6,199,310
07 - Guardrail					
Guard Rail and Fencing	$ 1,045,699	$ 765,621	$ 621,832	$ 811,051	$ 732,835
08 - Maintenance					
Catch Basin Cleaning	$ 9,639	$ 12,852	$ 7,497	$ 9,996	$ 10,115
Contract Highway Maintenance	$ 133,246	$ 175,210	$ 106,311	$ 138,256	$ 139,925
Crack Sealing	$ -	$ -	$ -	$ -	$ -
Landscaping	$ 460,767	$ 594,890	$ 701,958	$ 585,872	$ 627,573
Mowing and Spraying	$ -	$ -	$ -	$ -	$ -
Pavement Marking	$ 398,904	$ 487,460	$ 519,534	$ 468,633	$ 491,876
Process/Recycle/Trnsport Soils	$ 526,704	$ 702,272	$ 936,363	$ 721,780	$ 786,805
Sewer and Water	$ 82,673	$ 110,230	$ 146,974	$ 113,292	$ 123,499
09 - Facilities					
Chemical Storage Sheds	$ -	$ -	$ -	$ -	$ -
Vertical Construction	$ 4,778,711	$ 6,367,594	$ 8,490,125	$ 6,545,476	$ 7,134,398
10 - Bikeways (Excluded)	**n/a**	**n/a**	**n/a**	**n/a**	**n/a**
11 - Other					
Demolition	$ -	$ -	$ -	$ -	$ -
Drilling & Boring	$ 305	$ 102	$ 136	$ 181	$ 139
Highway Sweeping	$ -	$ -	$ -	$ -	$ -
Intelligent Transportation System	$ 8,809,822	$ 9,747,224	$ 11,144,514	$ 9,900,520	$ 10,264,086
Marine Construction	$ 885,249	$ 295,083	$ 393,444	$ 524,592	$ 404,373
Miscellaneous / No prequal	$ 622,756	$ 684,518	$ 615,078	$ 640,784	$ 646,793
Reclamation	$ 589,444	$ 780,688	$ 470,451	$ 613,527	$ 621,555
Underground Tank Removal Replace	$ -	$ -	$ -	$ -	$ -
Unknown	$ 443	$ 591	$ 345	$ 460	$ 465
Section I Total:	**$ 456,281,291**	**$ 460,012,722**	**$ 445,091,146**	**$ 453,795,053**	**$ 452,966,307**
Grand Total Federal Aid:	**$ 456,281,291**	**$ 460,012,722**	**$ 445,091,146**	**$ 453,795,053**	**$ 452,966,307**

Appendix 4 – FFY 2016 Project Status

MPO	MassDOT Project ID	MassDOT Project Description	Project Type	Design Responsibility	Highway Design	Bridge Design	ROW Status	Environmental Status	Total Federal Participating Cost	Advert Quarter	District	Comment
ADVERTISED ORIGINAL STIP												
Berkshire	607511	DALTON- BRIDGE MAINTENANCE, D-01-005, ROUTE 8 (MAIN STREET) OVER EAST BRANCH HOUSATONIC RIVER	Structures Maintenance	STATE	100%	BRIDGE APPROVED	NONE	CLEAR	628656	2ND	District 1	ADVERTISED
Berkshire	605350	WASHINGTON- BRIDGE REPLACEMENT, W-09-006, SUMMIT HILL RD OVER CSX R.R.	Bridge Replacement	STATE	100%	BRIDGE APPROVED	NONE	CLEAR	1493922.96	4TH	District 1	ADVERTISED
Boston	606176	FRANKLIN- WRENTHAM- PLAINVILLE- FOXBOROUGH- MANSFIELD- INTERSTATE MAINTENANCE & RELATED WORK ON I-495 (NB & SB)	Resurfacing	STATE	100%	NA	NONE	CLEAR	6406904.05	3RD	District 5	ADVERTISED
Boston	603917	MEDFORD- STONEHAM- WOBURN- READING- HIGHWAY LIGHTING REHABILITATION ON I-93 (PHASE II)	Lighting	STATE	100%	NA	NONE	CLEAR	14390053.65	1ST	District 4	ADVERTISED
Boston	601579	WAYLAND- SIGNAL & INTERSECTION IMPROVEMENTS AT ROUTE 27 (MAIN STREET) AND ROUTE 30 (COMMONWEALTH ROAD)	Traffic Signals	MUNI	100%	NA	ISSUED	CLEAR	2644429.25	1ST	District 3	ADVERTISED
Boston	608180	WELLESLEY- RESURFACING ON ROUTE 9, FROM LIMIT OF ADD-A-LANE TO EAST OF OVERBROOK INTERSECTION	Resurfacing	STATE	100%	NA	ISSUED	CLEAR	8341589.15	4TH	District 6	ADVERTISED
Boston	607755	WEYMOUTH- INTERSECTION & SIGNAL IMPROVEMENTS AT 2 LOCATIONS: SR 53 (WASHINGTON STREET) AT MUTTON LANE & PLEASANT STREET	Hwy Reconstr - Restr and Rehab	STATE	100%	NA	ISSUED	CLEAR	1170380.84	4TH	District 6	ADVERTISED
Cape Cod	608033	BARNSTABLE- LIGHTING & LANDSCAPING OF THE ROUNDABOUT AT THE MID-CAPE HIGHWAY (ROUTE 6) EASTBOUND EXIT RAMP & ROUTE 149	Lighting	STATE	100%	NA	NONE	CLEAR	497380.62	3RD	District 5	ADVERTISED
Central Massachusetts	603486	BROOKFIELD- RESURFACING AND RELATED WORK ON ROUTE 148 (FISKDALE ROAD), FROM MOLASSES HILL ROAD TO STURBRIDGE T.L.	Hwy Reconstr - Restr and Rehab	STATE	100%	NA	NONE	CLEAR	1810482.6	3RD	District 3	ADVERTISED
Central Massachusetts	607484	DISTRICT 3- INSTALLATION OF CCTV CAMERAS AND VMS ON I-290, BETWEEN I-495 AND I-90	Intelligent Transportation Sys	STATE	100%	NA	NONE	CLEAR	5635560.17	4TH	District 3	ADVERTISED IN FFY 2015
Central Massachusetts	608169	DUDLEY- REHABILITATION & RELATED WORK ON DRESSER HILL ROAD (ROUTE 31), FROM STATE LINE (MM 0.0) TO TOWN LINE (MM 4.1)	Hwy Reconstr - No Added Capacity	STATE	100%	NA	ISSUED	CLEAR	509839.88	4TH	District 3	ADVERTISED
Central Massachusetts	608060	GARDNER- SHREWSBURY- STORMWATER IMPROVEMENTS ALONG ROUTE 68 AND ROUTE 70	Sewer and Water	STATE	100%	NA	NONE	CLEAR	615125	1ST	District 3	ADVERTISED
Central Massachusetts	608133	HOPEDALE- UXBRIDGE- STORMWATER IMPROVEMENTS ALONG ROUTE 140 AND ROUTE 146	Sewer and Water	STATE	100%	NA	NONE	CLEAR	703893.49	4TH	District 3	ADVERTISED
Central Massachusetts	606303	RUTLAND- BRIDGE REPLACEMENT, R-14-004, INTERVALE ROAD OVER EAST BRANCH OF WARE RIVER	Bridge Reconstruction/Rehab	STATE	100%	BRIDGE APPROVED	ISSUED	CLEAR	2183665.15	4TH	District 3	ADVERTISED
Central Massachusetts	606207	SPENCER- REHABILITATION ON ROUTE 9 (MAIN STREET), FROM HIGH STREET TO GROVE STREET	Reclamation	MUNI	100%	NA	ISSUED	CLEAR	3273969.5	4TH	District 3	ADVERTISED
Central Massachusetts	605592	STURBRIDGE- HOLLAND- INTERSTATE MAINTENANCE & RELATED WORK ON I-84	Resurfacing	STATE	100%	NA	ISSUED	CLEAR	16525708.35	3RD	District 3	ADVERTISED
Central Massachusetts	604739	WEST BROOKFIELD- RECONSTRUCTION ON ROUTE 9, ROUTE 67 & INTERSECTIONS AT SCHOOL STREET	Hwy Reconstr - No Added Capacity	MUNI	100%	NA	ISSUED	CLEAR	2342184.45	3RD	District 2	ADVERTISED
Franklin	602320	DEERFIELD- BRIDGE REPLACEMENT, D-06-023, MCCLELLAN FARM ROAD OVER THE B&M RAILROAD	Bridge Replacement	STATE	100%	BRIDGE APPROVED	ISSUED	CLEAR	7332689.65	4TH	District 2	ADVERTISED
Franklin	607246	ERVING- INTERSECTION IMPROVEMENTS AT ROUTE 2 & 2A	Hwy Reconstr - No Added Capacity	STATE	100%	NA	NONE	CLEAR	408148	1ST	District 2	ADVERTISED
Merrimack Valley	606574	ANDOVER- LAWRENCE- NORTH ANDOVER- INTERSTATE MAINTENANCE & RELATED WORK ON I-495	Resurfacing	STATE	100%	NA	NONE	CLEAR	15076853.6	2ND	District 4	ADVERTISED
Merrimack Valley	607476	METHUEN- RESURFACING & RELATED WORK ON ROUTE 213 INCLUDING DECK REPLACEMENT, M-17-024 & M-17-025, ROUTE 213 (EB & WB) OVER SPICKET RIVER &	Resurfacing	STATE	100%	BRIDGE APPROVED	ISSUED	CLEAR	12100653.19	4TH	District 4	ADVERTISED
Old Colony	608085	AVON- INSTALLATION OF A MEDIAN BARRIER ON HARRISON BOULEVARD	Guard Rail & Fencing	STATE	100%	NA	ISSUED	CLEAR	2335414.3	4TH	District 5	ADVERTISED
Old Colony	607175	PLYMOUTH- RESURFACING & RELATED WORK ON ROUTE 3	Resurfacing	STATE	100%	NA	ISSUED	CLEAR	15446795.66	3RD	District 5	ADVERTISED
Pioneer Valley	608022	BRIMFIELD- STURBRIDGE- RESURFACING & RELATED WORK ON ROUTE 20, BEGINNING EAST OF NEW HOLLAND ROAD (MM 87.8), ENDING WEST OF GALILEO DRIVE (MM 91.9)	Hwy Reconstr - Restr and Rehab	STATE	100%	NA	ISSUED	CLEAR	3645202.8	3RD	District 2	ADVERTISED
Pioneer Valley	608252	LUDLOW- WILBRAHAM- BRIDGE PRESERVATION, L-16-002=W-35-002 (0MA), EAST STREET OVER THE CHICOPEE RIVER	Bridge Preservation	STATE	100%	BRIDGE APPROVED	ISSUED	CLEAR	2270408.75	4TH	District 2	ADVERTISED
Pioneer Valley	607735	SOUTH HADLEY- SIGNAL & INTERSECTION IMPROVEMENTS AT ROUTE 202 (GRANBY ROAD) & ROUTE 33 (LYMAN STREET)	Traffic Signals	STATE	100%	NA	ISSUED	CLEAR	1046127.93	4TH	District 2	ADVERTISED
Pioneer Valley	608136	SOUTH HADLEY- STORMWATER IMPROVEMENTS ALONG ROUTE 116	Sewer and Water	STATE	100%	NA	ISSUED	CLEAR	115927.81	3RD	District 2	ADVERTISED
Pioneer Valley	607453	SOUTHAMPTON- SAFE ROUTES TO SCHOOL (WILLIAM E. NORRIS ELEMENTARY)	New Sidewalks and Curbing	STATE	100%	NA	ISSUED	CLEAR	1570273.42	4TH	District 2	ADVERTISED
Pioneer Valley	603477	SOUTHWICK- INTERSECTION IMPROVEMENTS AT FOUR LOCATIONS ON ROUTE 57 (FEEDING HILLS ROAD)	Traffic Signals	MUNI	100%	NA	ISSUED	CLEAR	5169940.97	4TH	District 2	ADVERTISED
Pioneer Valley	605385	SPRINGFIELD- SIGNAL & INTERSECTION IMPROVEMENTS @ ROOSEVELT AVENUE & ISLAND POND ROAD, ROOSEVELT AVENUE & ALDEN STREET	Hwy Reconstr - Minor Widening	MUNI	100%	NA	ISSUED	CLEAR	2935443.93	4TH	District 2	ADVERTISED
Pioneer Valley	604968	WESTFIELD- COLUMBIA GREENWAY RAIL TRAIL CONSTRUCTION (NORTH SECTION), FROM COWLES COURT ACCESS RAMPS TO THE WESTFIELD RIVER BRIDGE, INCLUDES REHAB OF	Bikeway/Bike Path Construction	MUNI	100%	BRIDGE APPROVED	ISSUED	CLEAR	3022552.4	3RD	District 2	ADVERTISED
Pioneer Valley	604446	WESTFIELD- RECONSTRUCTION OF ROUTE 187 (LITTLE RIVER ROAD) & SHAKER ROAD, FROM 300 METERS SOUTH OF ROUTE 20 TO 460 METERS EAST OF SHAKER ROAD (.8	Hwy Reconstr - Minor Widening	MUNI	100%	NA	ISSUED	CLEAR	6343293	3RD	District 2	ADVERTISED
Southeastern Massachusetts	606910	NEW BEDFORD- CORRIDOR IMPROVEMENTS AND RELATED WORK ON COGGESHALL STREET, FROM PURCHASE STREET TO MITCHELL AVENUE	Hwy Reconstr - Minor Widening	MUNI	100%	NA	MUNI	CLEAR	5228725.54	4TH	District 5	ADVERTISED
Southeastern Massachusetts	608135	NEW BEDFORD- STORMWATER IMPROVEMENTS ALONG ROUTE 6/ROUTE 18	Drainage	STATE	100%	NA	ISSUED	CLEAR	730418.75	3RD	District 5	ADVERTISED

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
Southeastern Massachusetts	608147	NORTH ATTLEBOROUGH- INTERSTATE MAINTENANCE & RELATED WORK ON I-95	Resurfacing	STATE	100%	NA	NONE	CLEAR	1865367	1ST	District 5	ADVERTISED
Southeastern Massachusetts	605367	TAUNTON- INTERSECTION IMPROVEMENTS AT THE HON. GORDON M. OWEN RIVERWAY & WILLIAMS STREET	Traffic Signals	MUNI	100%	NA	ISSUED	CLEAR	940957.5	4TH	District 5	ADVERTISED
Statewide	607035	DISTRICT 1- ADA RETROFITS AT VARIOUS LOCATIONS	Roadway - Reconstr - Sidwalks and Curbing	STATE	100%	NA	NONE	CLEAR	350238.75	3RD	District 1	ADVERTISED
Statewide	607036	DISTRICT 2- ADA RETROFITS AT VARIOUS LOCATIONS	Roadway - Reconstr - Sidwalks and Curbing	STATE	100%	NA	ISSUED	CLEAR	979325	3RD	District 2	ADVERTISED
Statewide	607516	DISTRICT 2- SYSTEMATIC BRIDGE MAINTENANCE AT VARIOUS LOCATIONS	Structures Maintenance	STATE	100%	BRIDGE APPROVED	ISSUED	CLEAR	1660690	3RD	District 2	ADVERTISED
Statewide	607513	DISTRICT 5- BRIDGE CLEANING AND RELATED WORK ALONG I-95, I-195 AND I-295 CORRIDORS	Structures Maintenance	STATE	100%	NA	NONE	CLEAR	1758740	1ST	District 5	ADVERTISED
Statewide	607498	DISTRICT 6 - QUINCY - BRIDGE MAINTENANCE AT 5 BRIDGES CARRYING ROUTE 3 RAMPS (Q-01-049 (2GT), Q-01-051 (2GU), Q-01-051 (2GV), Q-01-051 (9PN), AND Q-01-054 (A2U))	Structures Maintenance	STATE	100%	NA	NONE	CLEAR	1729610.5	2ND	District 6	ADVERTISED
Statewide	606620	RAYNHAM TO BOLTON- GUIDE & TRAFFIC SIGN REPLACEMENT ON I-495	Structural Signing	STATE	100%	NA	NONE	CLEAR	8543778.5	2ND	HQ	ADVERTISED
								42	$171,781,322.06			
ADVERTISED AMENDED ONTO STIP												
Berkshire	605299	GREAT BARRINGTON- BRIDGE REPLACEMENT, G-11-005, SR 183 (PARK STREET) OVER HOUSATONIC RIVER	Bridge Reconstruction/Rehab	STATE	100%	APPROVED	ISSUED	CLEAR	4384847.8	2ND	District 1	ADVERTISED
Nantucket	606433	NANTUCKET- MULTI-USE PATH CONSTRUCTION, FROM WASHINGTON STREET TO ORANGE STREET	Bikeway/Bike Path Construction	MUNI	100%	NA	ISSUED	CLEAR	2778425.74	2ND	District 5	ADVERTISED
Pioneer Valley	608207	LONGMEADOW- SPRINGFIELD- INTERSTATE RESURFACING & RELATED WORK ON I-91	Resurfacing	STATE	100%	NA	ISSUED	CLEAR	10077175.35	4TH	District 2	ADVERTISED
Pioneer Valley	608280	WEST SPRINGFIELD- ADAPTIVE SIGNAL CONTROL ON ROUTE 5 (RIVERDALE STREET)	Traffic Signals	STATE	100%	NA	ISSUED	CLEAR	550106.3	4TH	District 2	ADVERTISED
Southeastern Massachusetts	606372	WAREHAM- BRIDGE REPLACEMENT, W-06-002, PAPER MILL ROAD OVER WEWEANTIC RIVER	Bridge Replacement	MUNI	100%	BRIDGE APPROVED	ISSUED	CLEAR	1995774.05	3RD	District 5	ADVERTISED
Statewide	608024	STATEWIDE- CONVERSION OF INTERSTATE AND FREEWAY EXIT NUMBERS TO MILEPOST-BASED	Structural Signing	STATE	100%	NA	NONE	CLEAR	2550448	4TH	Statewide	ADVERTISED
								6	$22,336,777.24			
TO BE ADVERTISED ORIGINAL STIP												
Berkshire	607116	FLORIDA- BRIDGE REPLACEMENT, F-05-002, SOUTH COUNTY ROAD OVER THE COLD RIVER	Bridge Replacement	STATE	100%	FINAL UR	ISSUED	CLEAR	1506436.4	4TH	District 1	
Berkshire	603778	LANESBOROUGH- BRIDGE REPLACEMENT, L-03-024, NARRAGANSETT AVENUE OVER PONTOOSUC LAKE	Bridge Replacement	STATE	75%	FINAL UR	MUNI	ACOE, WQC	7016687.49	4TH	District 1	MUNI ROW
Berkshire	605314	NEW MARLBOROUGH- SUPERSTRUCTURE REPLACEMENT, N-08-022, HADSELL STREET OVER UMPACHENE RIVER	Bridge Reconstruction/Rehab	STATE	100%	FINAL UR	MUNI	CLEAR	1238289.5	4TH	District 1	
Berkshire	607900	PITTSFIELD- TRAFFIC SIGNAL AND INTERSECTION IMPROVEMENTS AT CENTER STREET AND WEST HOUSATONIC STREET (ROUTE 20)	Traffic Signals	MUNI	100%	NA	MUNI	CLEAR	2907720.2	4TH	District 1	
Boston	29492	BEDFORD- BILLERICA- MIDDLESEX TURNPIKE IMPROVEMENTS, FROM CROSBY DRIVE NORTH TO MANNING ROAD, INCLUDES RECONSTRUCTION OF B-04-006 (PHASE III)	Hwy Reconstr - Added Capacity	MUNI	100%	SKETCH TO DE	MUNI	ACOE, WQC, CMP	35774180.55	4TH	District 4	VARIANCE FROM WPA, MUNI ROW
Boston	608000	BEDFORD- IMPROVEMENTS AT JOHN GLENN MIDDLE (SRTS)	New Sidewalks and Curbing	STATE	100%	NA	MUNI	CLEAR	1195816	4TH	District 4	
Boston	600867	BOSTON- BRIDGE REHABILITATION, B-16-237, MASSACHUSETTS AVENUE (ROUTE 2A) OVER COMMONWEALTH AVENUE	Bridge Reconstruction/Rehab	MUNI	100%	FINAL TO DE	ISSUED	CLEAR	10059618.14	4TH	District 6	
Boston	605733	BOSTON- HIGHWAY LIGHTING SYSTEM REPLACEMENT ON I-93, FROM SOUTHAMPTON STREET TO NEPONSET AVENUE	Lighting	STATE	100%	NA	NONE	CLEAR	3634390	4TH	District 6	
Boston	606117	BOSTON- TRAFFIC SIGNAL IMPROVEMENTS AT 9 LOCATIONS (PREVIOUSLY 18 INTERSECTIONS)	Traffic Signals	MUNI	100%	NA	MUNI	CE	4689539.2	4TH	District 6	
Boston	607685	BRAINTREE- BRIDGE REHABILITATION, B-21-060 AND B-21-061, ST 3 (SB) AND ST 3 (NB) OVER RAMP C (QUINCY ADAMS)	Bridge Reconstruction/Rehab	STATE	100%	FINAL UR	ISSUED	CLEAR	9964517.34	4TH	District 6	
Boston	607345	COHASSET- SUPERSTRUCTURE REPLACEMENT & SUBSTRUCTURE REHABILITATION, C-17-002, ATLANTIC AVENUE OVER LITTLE HARBOR INLET	Bridge Replacement	STATE	100%	SKETCH TO DE	MUNI	ACOE, WQC	4518622.69	4TH	District 5	
Boston	605189	CONCORD- BRUCE FREEMAN RAIL TRAIL CONSTRUCTION, FROM COMMONWEALTH AVENUE TO POWDER MILL ROAD, INCLUDES 2 RAILROAD BRIDGES & 1 CULVERT (PHASE II-	Bikeway/Bike Path Construction	MUNI	100%	BRIDGE APPROVED	MUNI	CLEAR	9222653.93	4TH	District 4	
Boston	607998	EVERETT- IMPROVEMENTS AT MADELAINE ENGLISH (SRTS)	New Sidewalks and Curbing	STATE	100%	NA	MUNI	CLEAR	688810	4TH	District 4	
Boston	606553	HANOVER- NORWELL- SUPERSTRUCTURE REPLACEMENT, H-06-010, ST 3 OVER ST 123 (WEBSTER STREET) & N-24-003, ST 3 OVER ST 123 (HIGH STREET)	Bridge Replacement	STATE	75%	FINAL UR	NONE	ACOE, WQC	40566484.42	4TH	District 5	
Boston	607409	LEXINGTON- RECONSTRUCTION ON MASSACHUSETTS AVENUE, FROM MARRETT ROAD TO PLEASANT STREET	Hwy Reconstr - Restr and Rehab	MUNI	100%	NA	MUNI	CLEAR	4880450.38	4TH	District 4	COST ESTIMATE
Boston	608059	SALEM- STORMWATER IMPROVEMENTS ALONG ROUTE 107 (SALEM BYPASS ROAD)	Sewer and Water	STATE	100%	NA	NONE	CLEAR	248283.9	4TH	District 4	
Boston	601630	WEYMOUTH- ABINGTON- RECONSTRUCTION & WIDENING ON ROUTE 18 (MAIN STREET) FROM HIGHLAND PLACE TO ROUTE 139 (4.0 MILES) INCLUDES REPLACING W-32-013,	Hwy Reconstr - Added Capacity	STATE	100%	FINAL UR	STATE (COND)	WPA, WQC	81765987.7	4TH	District 6	VARIANCE FROM WPA

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
Boston	605721	WEYMOUTH- INTERSECTION IMPROVEMENTS @ MIDDLE STREET, LIBBEY INDUSTRIAL PARKWAY AND TARA DRIVE	Traffic Signals	MUNI	100%	NA	MUNI	CLEAR	1285984.81	4TH	District 6	
Boston	603008	WOBURN- BRIDGE REPLACEMENT, W-43-003, SALEM STREET OVER MBTA	Bridge Replacement	STATE	100%	FINAL UR	STATE (COND)	CLEAR	7535265.84	4TH	District 4	CONSTRUCTION STAGING
Cape Cod	607753	BARNSTABLE- INTERSECTION & SIGNAL IMPROVEMENTS AT SR 28 (FALMOUTH ROAD) AT STRAWBERRY HILL ROAD	Hwy Reconstr - Restr and Rehab	STATE	25%	NA	MUNI	CE	613693.75	4TH	District 5	ROW
Cape Cod	607571	DENNIS- YARMOUTH- CONSTRUCTION OF A MULTI-USE PATH OVER THE BASS RIVER, INCLUDES NEW PEDESTRIAN BRIDGE D-07-007=Y-01-010	Bridge Replacement	MUNI	100%	FINAL UR	ISSUED	CLEAR	3765741.08	4TH	District 5	
Cape Cod	607918	DISTRICT 5- GUIDE & TRAFFIC SIGN REPLACEMENT & RELATED WORK ON A SECTION OF US ROUTE 6 (MID-CAPE HIGHWAY) AND I-195	Structural Signing	STATE	25%	NA	NONE	CLEAR	5418206	4TH	District 5	
Cape Cod	606461	ORLEANS- INTERSECTION IMPROVEMENTS AT 2 LOCATIONS: CRANBERRY HIGHWAY (ROUTE 6A) AND MAIN STREET & CHATHAM ROAD (ROUTE 28) AND MAIN STREET	Traffic Signals	STATE	100%	NA	STATE	CLEAR	3449877.24	4TH	District 5	
Central Massachusetts	608168	DOUGLAS- REHABILITATION & RELATED WORK ON WEBSTER STREET (ROUTE 16), FROM T.L. (MM 2.8) TO MAIN STREET (MM 6.9)	Hwy Reconstr - No Added Capacity	STATE	100%	NA	NONE	CLEAR	3097691.2	4TH	District 3	
Central Massachusetts	607113	DUDLEY- BRIDGE DEMOLITION, D-12-009, CARPENTER ROAD OVER QUINNEBAUG RAIL TRAIL	Demolition	STATE	100%	BRIDGE APPROVED	STATE (COND)	CLEAR	662038.45	4TH	District 3	
Central Massachusetts	607479	SHREWSBURY- BOYLSTON- NORTHBORO- INTERSTATE MAINTENANCE & RELATED WORK ON I-290	Resurfacing	STATE	75%	NA	NONE	CLEAR	15864049.73	4TH	District 3	
Central Massachusetts	607176	SHREWSBURY- NORTHBOROUGH- WESTBOROUGH- RESURFACING AND RELATED WORK ON ROUTE 9	Resurfacing	STATE	100%	NA	NONE	CLEAR	13549921.72	4TH	District 3	
Central Massachusetts	608170	STURBRIDGE- REHABILITATION & RELATED WORK ON BROOKFIELD ROAD(ROUTE 148), FROM MAIN STREET (MM 0.0) TO TOWN LINE (MM 3.4)	Hwy Reconstr - No Added Capacity	STATE	100%	NA	MUNI	WPA	740350	4TH	District 3	
Central Massachusetts	606686	WARREN- RESURFACING & RELATED WORK ON ROUTE 67 @ WEST WARREN & WARREN TOWN CENTERS	Hwy Reconstr - Restr and Rehab	STATE	100%	NA	STATE (COND)	CLEAR	1207438.2	4TH	District 2	
Central Massachusetts	604468	WEST BROOKFIELD- BRIDGE REPLACEMENT, W-19-008, WICKABOAG VALLEY ROAD OVER SUCKER BROOK	Bridge Replacement	STATE	100%	FINAL UR	MUNI	CLEAR	2143277.64	4TH	District 2	
Central Massachusetts	604864	WESTBOROUGH- INTERSECTION & SIGNAL IMPROVEMENTS AT ROUTE 9 & LYMAN STREET	Hwy Reconstr - No Added Capacity	STATE	100%	NA	STATE (COND)	CLEAR	8057763.05	4TH	District 3	
Central Massachusetts	606629	WORCESTER- BLACKSTONE VISITOR CENTER (PHASE II)	Vertical Construction (Ch 149)	STATE	100%	FINAL UR	ISSUED	CLEAR	11125249.71	4TH	District 3	
Franklin	607118	HEATH- BRIDGE REPLACEMENT, H-14-009, SADOGA ROAD OVER THE BURRINGTON BROOK	Bridge Replacement	STATE	100%	FINAL UR	ISSUED	WQC	899554.59	4TH	District 1	
Franklin	607539	SHELBURNE- INTERSECTION IMPROVEMENTS @ ROUTE 2 & COLRAIN/SHELBURNE ROAD	Hwy Reconstr - No Added Capacity	STATE	100%	NA	STATE (COND)	WPA, ACOE	1344209.95	4TH	District 1	
Merrimack Valley	606161	HAVERHILL- IMPROVEMENTS ON MAIN STREET (ROUTE 125)	Hwy Reconstr - Minor Widening	STATE	100%	NA	MUNI	CLEAR	3725133.2	4TH	District 4	ROW
Montachusett	607242	FITCHBURG- SAFE ROUTES TO SCHOOLS (SOUTH STREET ELEMENTARY SCHOOL)	New Sidewalks and Curbing	STATE	100%	NA	MUNI	CLEAR	1760982.5	4TH	District 3	
Montachusett	604699	STERLING- INTERSECTION IMPROVEMENTS AT ROUTE 12 AND CHOCKSETT ROAD	Hwy Reconstr - No Added Capacity	STATE	75%	NA	NONE	CLEAR	5633000	4TH	District 3	
Northern Middlesex	607251	WESTFORD- INTERSECTION & SIGNAL IMPROVEMENTS @ ROUTE 110 & TADMUCK ROAD	Traffic Signals	STATE	100%	NA	STATE (COND)	ACOE	3623822.85	4TH	District 3	
Old Colony	606036	BROCKTON- TRAFFIC SIGNAL AND INTERSECTION IMPROVEMENTS AT ROUTE 123 (BELMONT STREET)/LINWOOD STREET/LORRAINE AVENUE	Traffic Signals	STATE	100%	NA	STATE	CLEAR	4652723.63	4TH	District 5	
Pioneer Valley	607524	BELCHERTOWN- WARREN- BRIDGE DEMOLITION OF B-05-023, WILSON STREET OVER NECRR, & W-07-012, OLD BOSTON POST ROAD OVER NAULTAUG BROOK	Demolition	STATE	100%	BRIDGE APPROVED	STATE (COND)	CLEAR	734856.25	4TH	District 2	
Pioneer Valley	606445	LONGMEADOW- RESURFACING & RELATED WORK ON CONVERSE STREET, FROM LAUREL STREET TO DWIGHT STREET (2.04 MILES)	Hwy Reconstr - Restr and Rehab	MUNI	100%	NA	ISSUED	CLEAR	4503830.38	4TH	District 2	
Pioneer Valley	607869	WILBRAHAM- RECONSTRUCTION OF BOSTON ROAD (ROUTE 20), FROM DUDLEY STREET TO 400 FT. EAST OF DUMAINE STREET (0.28 MILES)	Hwy Reconstr - Minor Widening	MUNI	100%	NA	STATE (COND)	CLEAR	1470498.02	4TH	District 2	
Southeastern Massachusetts	607537	FALL RIVER- SUPERSTRUCTURE REPLACEMENT. F-02-040, AIRPORT ROAD OVER STATE ROUTE 24	Bridge Replacement	STATE	100%	FINAL TO DE	NONE	CLEAR	4741512.3	4TH	District 5	
Southeastern Massachusetts	606118	NEW BEDFORD- RECONSTRUCTION OF ROUTE 18 (JFK HIGHWAY), FROM COVE STREET TO GRIFFIN COURT (PHASE II)	Hwy Reconstr - Restr and Rehab	MUNI	100%	NA	MUNI	CLEAR	9748603.66	4TH	District 5	
Southeastern Massachusetts	605679	TAUNTON- INTERSECTION IMPROVEMENTS AT COUNTY STREET (ROUTE 140) AND HART STREET	Traffic Signals	MUNI	100%	NA	STATE (COND)	CLEAR	4107647.14	4TH	District 5	
Statewide	606995	CHELMSFORD- CONCORD- LOWELL- PEABODY- STORMWATER IMPROVEMENTS ALONG ROUTE 2/ROUTE 2A, ROUTE 128, AND ROUTE 3/ROUTE 3A	Drainage	STATE	100%	NA	ISSUED	CLEAR	1277702.8	4TH	District 4	
Statewide	607482	DISTRICT 5- DISTRICT 6- ITS CONSTRUCTION ON ROUTE 3, FROM BRAINTREE TO PLYMOUTH (42 MILES)	Intelligent Transportation Sys	STATE	100%	NA	ISSUED	CLEAR	6900937.81	4TH	District 5	
Statewide	607495	DISTRICT 5- RETROREFLECTIVE SIGN UPGRADE ON SECONDARY ROADS	Sign Installation/Upgrading	STATE	75%	NA	NONE	CE	1049014	4TH	District 5	
Statewide	606927	STATEWIDE- REPLACEMENT OF VARIABLE MESSAGE SIGNS (VMS)	Intelligent Transportation Sys	STATE	100%	NA	ISSUED	CLEAR	2993224.82	4TH	Statewide	
								49	$357,562,290.16			
TO BE ADVERTISED AMENDED ONTO STIP												
Boston	608281	FRAMINGHAM- NATICK- ADAPTIVE SIGNAL CONTROL ON ROUTE 9 (WORCESTER ROAD)	Traffic Signals	STATE	100%	NA	ISSUED	CLEAR	674236.81	4TH	District 3	

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
Boston	608538	MARLBOROUGH- BRIDGE PRESERVATION, M-06-009, US 20 (OLD BOSTON ROAD) OVER I-495 (NB & SB)	Bridge Preservation	STATE	25%	NA	NONE	CE	1569659.25	4TH	District 3	
Boston	604652	STONEHAM- WINCHESTER- WOBURN- TRI-COMMUNITY BIKEWAY INCLUDING NEW BRIDGE, W-43-029, OVER THE ABERJONA RIVER	Bikeway/Bike Path Construction	MUNI	100%	BRIDGE APPROVED	MUNI	CLEAR	5911500.9	4TH	District 4	
Cape Cod	608349	TRURO- WELLFLEET- BICYCLE ACCOMMODATION IMPROVEMENTS ON ROUTE 6	Pavement Marking	STATE	100%	NA	ISSUED	CLEAR	477770	4TH	District 5	
Central Massachusetts	608043	BOYLSTON- WEST BOYLSTON- STORMWATER IMPROVEMENTS ON ROUTE 140 AT THE WACHUSETT RESERVOIR SOUTH BAY	Drainage	STATE	100%	NA	ISSUED	CLEAR	4504434.34	4TH	District 3	
Merrimack Valley	608407	LAWRENCE- TRAFFIC SIGNAL AND ADA IMPROVEMENTS ON COMMON STREET AND LOWELL STREET	Traffic Signals	MUNI	75%	NA	NONE	CE	2880512	4TH	District 4	
Pioneer Valley	603730	WEST SPRINGFIELD- CONNECTICUT RIVERWALK & BIKEWAY EXTENSION, FROM ELM STREET TO ASHLEY AVENUE	Bikeway/Bike Path Construction	MUNI	100%	NA	ISSUED	ACOE	1775228.6	4TH	District 2	
Statewide	608398	DISTRICT 4- RETROREFLECTIVE SIGN UPGRADES ON SECONDARY ROADS	Sign Installation/Upgrading	STATE	75%	NA	NONE	CE	513137.5	4TH	District 4	
								8	$18,306,479.40			
WILL NOT BE ADVERTISED IN FFY 2016 ORIGINAL												
Boston	608134	BROCKTON- STORMWATER IMPROVEMENTS ALONG ROUTE 28	Drainage	STATE	75%	NA	STATE	CE	101935.53	NA	District 5	STATE ROW ACQUISITION PROCESS
Boston	606316	BROOKLINE- PEDESTRIAN BRIDGE REHABILITATION, B-27-016, OVER MBTA OFF CARLTON STREET	Bridge Reconstruction/Rehab	MUNI	25%	SKETCH UR	MUNI	CE, WPA, HIST	2846700	NA	District 6	DESIGN, NEPA - ROW
Boston	607999	REVERE- IMPROVEMENTS AT GARFIELD ELEMENTARY & MIDDLE SCHOOL (SRTS)	New Sidewalks and Curbing	STATE	PRE 25%	NA	MUNI	CE, WPA, HIST	825000	NA	District 4	DESIGN STATUS
Boston	607997	SAUGUS- IMPROVEMENTS AT VETERANS MEMORIAL SCHOOL (SRTS)	New Sidewalks and Curbing	STATE	PRE 25%	NA	MUNI	CE, WPA, HIST	635000	NA	District 4	DESIGN STATUS
Boston	607488	SOUTHBOROUGH- RESURFACING & RELATED WORK ON ROUTE 9, FROM THE FRAMINGHAM T.L TO WHITE BAGLEY ROAD	Resurfacing	STATE	100%	NA	STATE	CLEAR	4904658.5	NA	District 3	STATE ROW ACQUISITION PROCESS
Cape Cod	606596	CHATHAM- IMPROVEMENTS ON MAIN STREET (ROUTE 28), FROM GEORGE RYDER ROAD TO BARN HILL ROAD	Hwy Reconstr - Restr and Rehab	STATE	75%	NA	STATE	CE, 4F	3331773	NA	District 5	STATE ROW ACQUISITION PROCESS
Central Massachusetts	607764	SHREWSBURY- INTERSECTION & SIGNAL IMPROVEMENT AT US 20 (HARTFORD TURNPIKE) AT GRAFTON STREET	Hwy Reconstr - Restr and Rehab	STATE	PRE 25%	NA	STATE	CE, WPA, HIST	481250	NA	District 3	DESIGN, ROW
Franklin	607182	DEERFIELD- BERNARDSTON- GREENFIELD- INTERSTATE MAINTENANCE & RELATED WORK ON ROUTE I-91	Resurfacing	STATE	100%	NA	NONE	CE	16545156	NA	District 2	IM LIST REVISED TO ACCOMMODATE 608207
Martha's Vineyard	607586	EDGARTOWN- OAK BLUFFS- TISBURY- DRAINAGE IMPROVEMENTS & RELATED WORK ON EDGARTOWN/VINEYARD HAVEN ROAD	Hwy Reconstr - Restr and Rehab	MUNI	PRE 25%	NA	MUNI	CE, WPA, HIST	1000000	NA	District 5	DESIGN
Merrimack Valley	606669	AMESBURY- POWWOW RIVERWALK CONSTRUCTION, MAIN STREET TO WATER STREET, INCLUDES PED BRIDGE OVER THE BACK RIVER & PED BRIDGE OVER THE POWWOW RIVER	Bikeway/Bike Path Construction	MUNI	25%	TYPE UR	MUNI	CE, WPA, ACOE,	1870218.26	NA	District 4	NEW DESIGNER - MOVE TO FUTURE YEAR
Merrimack Valley	608002	LAWRENCE- IMPROVEMENTS AT BRUCE ELEMENTARY SCHOOL (SRTS)	Hwy Reconstr - No Added Capacity	STATE	75%	NA	MUNI	CE, WPA, HIST	2016147	NA	District 4	DESIGN
Montachusett	607960	ASHBURNHAM- INTERSECTION IMPROVEMENTS AT ROUTE 101 & WILLIAMS & COREY HILL ROAD	Traffic Signals	STATE	25%	NA	MUNI	CE, WPA, ACOE, HIST	1179554.35	NA	District 3	TOWN DOES NOT SUPPORT PROJECT
Pioneer Valley	606577	NORTHAMPTON- HATFIELD- WHATELY- DEERFIELD- INTERSTATE MAINTENANCE & RELATED WORK ON I-91, FROM MM 27.0 TO MM 37.0	Resurfacing	STATE	100%	NA	NONE	WPA	15658190.4	NA	District 2	IM LIST REVISED TO ACCOMMODATE 608207
Southeastern Massachusetts	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	25%	SKETCH TO DE	MUNI	NEPA, MEPA, ACOE, WQC, HIST	4726496.66	NA	District 5	ENVIRONMENTAL
Statewide	608295	DISTRICT 5- IMPLEMENTATION OF FLASHING YELLOW ARROW AT VARIOUS TRAFFIC SIGNALS	Traffic Signals	STATE	PRE 25%	NA	NONE	CE, HIST	2280000	NA	District 5	AMENDED OFF THE STIP
								15	$58,402,079.70			

ADVERTISED ORIGINAL STIP	**42**	**$ 171,781,322.06**
ADVERTISED AMENDED	**6**	**$ 22,336,777.24**
TO BE ADVERTISED ORIGINAL	**49**	**$ 357,562,290.16**
TO BE ADVERTISED AMENDED	**8**	**$ 18,306,479.40**
TOTAL ADVERTISEMENTS	**105**	**$ 569,986,868.86**

Appendix 5 – Public Comments

The public comment period closed on August 9, 2016, and the following are comments that MassDOT received via the online STIP Comment Tool (all text has been copied from the original comment):

From Anonymous

The MBTA infrastructure is reaching a critical age, if not repaired soon the system could have catastrophic failures. Why wait until this happens to force legislation into funneling more money from the state budget into upgrading the infrastructure?

MassDOT Response:

The recently completed 2017-2021 Capital Investment Plan (CIP) prioritizes reliability by investing with a heavy emphasis on gradually returning all transportation assets, including the MBTA, to a State of Good Repair. Approximately 60% of the funding goes towards such investments. The FFY 2017-2021 STIP reflects this emphasis towards repair.

From Anonymous

The Reading/Woburn I-93/I-95 interchange needs to be rebuilt. Designs were completed in the early 1990s and the project still has not been constructed 25 years later. This is unacceptable. The congestion and safety issues here affect hundreds of thousands of people daily. Something needs to be done even if it's just adding collector-distributor roads.

MassDOT Response:

MassDOT has focused on improvements to the I-93/I-95 interchange beginning in 2015. A deceleration lane was recently constructed for traffic exiting I-93 NB to the I-95 NB on ramp. Though there are many qualified and deserving projects, funding is limited. Currently, investment priorities are focused on maintaining a state of good repair.

From James Pelletier

I am 65, disabled, and do not have a car. MART provides only one-way transportation from Winchendon to Fitchburg. I can go to Boston, but I can't get back. I can't visit my family or use the Cultural Programs through the library: passes to museums. You have to reinstate the Link bus back to Winchendon from the train in Winchendon.

MassDOT Response:

MassDOT has referred this comment to the appropriate Montachusett Regional Transit Authority (MART) representatives. For more information, please contact the MART ADA Coordinator at 1427R Water Street, Fitchburg, MA 01420; Attn: ADA Coordinator or at 978-345-7711.

From JoAnne Higgins, Town of Holland, Highway Clerk

I am looking for the Town of Holland Brimfield Road resurfacing project in the TIP category and can't find it on the list. We are anticipating requesting the project be broken into 2 phases, our engineering is preparing the documents and we will have them filed soon.

MassDOT Response:

This project is currently unprogrammed in the FFY 2017-2021 STIP. The Pioneer Valley MPO will be considering projects to be programmed in the years of FFY 2020 and FFY 2021 in the coming months, and the Town of Holland is encouraged to participate with the Pioneer Valley MPO, Joint Transportation Committee (JTC), and MassDOT District 2 to ensure that this project is among those under consideration for funding.

From Price Armstrong

1. I am writing as a resident of Holyoke. I would like to put my qualified support behind the proposed bike share program in the Pioneer Valley. I feel strongly that a bike share program could thrive in Amherst and, possibly, Northampton. The implementing body should be very careful about designing the system in Holyoke and Springfield. Regardless, bike share fits in well with the state's goals of promoting active transportation and should be included in the 2017 TIP.
2. I am writing to urge the MPO/MassDOT to include bicycle and pedestrian improvements as a part of the Dwight/Front/Heritage street project slated for FY18. Including bike lanes (NOT sharrows) in the design would discourage wrong-way riding and encourage active transportation.
3. I would like to urge MassDOT to include bicycle and pedestrian facilities as a part of the Lower Westfield Road project programmed for FY17. Currently there is no way to travel along the roadway under the I-91 bridge except by car. This runs counter to the state's commitment to mode shift and active transportation. I urge you to include these elements in the road design, as per the MassDOT design guidance.

MassDOT Response:

1. This project is currently programmed in the endorsed FFY 2017 Pioneer Valley MPO TIP utilizing CMAQ funds for a total project cost of $1,171,971.
2. The Dwight/Front/Heritage street project (607256) is a municipal project programmed in FFY 2019 of the endorsed Pioneer Valley MPO TIP. The roadway is under City of Holyoke jurisdiction. The design is funded by the City, and a design public hearing was held on 7/20/16. As per MassDOT District 2: sharrows are being proposed based on the lack of width needed for a dedicated bike lane. In addition, the location of the building fronts along the right-of-way inhibits the addition of a bike lane.
3. The Lower Westfield Road (606903) project is being designed by MassDOT. As per MassDOT District 2: The project is at pre-25% design, with new bicycle and pedestrian facilities included to the maximum extent possible. Lower Westfield Road will include 3' shoulders, as the existing I-91 bridge foundations limit the amount of widening that can be done. New 5' sidewalks will also be constructed on the north side from Whiting Farms Road

to the I-91 SB off ramps. West of this location, the sidewalk will be on the south side. MassDOT encourages continued public involvement as the design of the project progresses to ensure that any additional concerns may be considered.

From Sixteen Commenters (paraphrased)

Reconsider reprogramming the Columbia Greenway Rail Trail in Westfield, Massachusetts from FFY 2019 to FFY 2017. The Columbia Greenway Rail Trail has both economic and social benefits and is an asset to the City of Westfield and active trail users. The initial phases of the Columbia Greenway Rail Trail project have revitalized public participation in the Westfield community, and completing the project by FFY 2018 would allow the benefits of the project to be realized much sooner.

MassDOT Response:

The City of Westfield, as the proponent of this project (603783), is responsible for the design and project schedule milestones. There are a number of milestones that need to be met, therefore funding was shifted from FFY 2017 to FFY 2019 to accommodate a more realistic project design completion date. MassDOT encourages advocates to participate in the City's public involvement process as the project advances. The City of Westfield should continue to work with MassDOT and the Pioneer Valley MPO to ensure this project is progressing and remains considered for funding in future TIPs.