

CENTRAL MASSACHUSETTS
METROPOLITAN PLANNING ORGANIZATION



CMMPO Endorsed 2025 – 2029 Transportation Improvement Program (TIP) Technical Appendix

May 15, 2024



Document Prepared by:
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Prepared in cooperation with the Massachusetts Department of Transportation and the U.S. Department of Transportation – Federal Highway Administration and the Federal Transit Administration. The views and opinions of the Central Massachusetts Metropolitan Planning Organization expressed herein do not necessarily reflect those of the Massachusetts Department of Transportation or the U.S. Department of Transportation.

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TIP Guidance & Comments

- FHWA
- MassDOT



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January 16, 2024

Subject: Federal Fiscal Year (FFY) 2025-2029 Statewide and Metropolitan Transportation Improvement Program and FFY 2025 Unified Planning Work Program Guidance

Dear Mr. Mohler:

As you begin developing the Statewide and Metropolitan Transportation Improvement Programs (S/TIPs) for FFY 2025-2029 and the Unified Planning Work Programs (UPWPs) for FFY 2025, the Federal Highway Administration's Massachusetts Division Office (FHWA) and the Federal Transit Administration's Region 1 Office (FTA) want to remind you and the Metropolitan Planning Organizations (MPOs) of the federal planning requirements. Attachment A to this letter highlights specific requirements that should be followed, Attachment B includes additional applicable guidance that we have noted in prior years but have determined are processes that are now well established, Attachment C includes the MPO certification review schedule, and Attachment D provides the Reference Letter the MA Division Office provided in regards to innovative public participation processes/activities eligibility. We encourage you to use this guidance as you develop your statewide and metropolitan planning documents.

In addition to the attachments, we offer the following recommendations and information:

- **TMA Certification Review Findings** – We encourage MassDOT and the MPOs to review findings from past TMA Certification Reviews during the development of the S/TIPs and UPWPs. The findings included in TMA Certification Reviews provide opportunities to improve the transportation planning process. Included in Attachment C to this letter is the schedule of certification reviews for the next several years; MPOs are encouraged to plan for their certification review by allocating time in their UPWPs during their certification year(s). To clarify certification review action plan reporting requirements for MPOs, after the certification review is complete, the MPOs will submit quarterly action plan updates for a year, after which time FHWA, FTA, and the MPO will meet to discuss progress and decide upon an update cycle for the following year.
- **Statewide Federal Planning Finding** – The FFY 2024 Federal Planning Finding (FPF) determined the transportation planning process through which statewide and metropolitan transportation plans and programs are developed is consistent with federal requirements,

subject to the resolution of three corrective actions related to fiscal constraint, TIP/STIP consistency, and public involvement for STIP actions. The FPF also included four recommendations related to STIP availability and project details, State and MPO coordination on SPR/UPWP work, fund expenditures. We encourage MassDOT and the MPOs to review the FPF and to keep in mind the recommendations during the development of the S/TIPs and UPWPs for this upcoming cycle, as they provide opportunities to improve the transportation planning process.

- **De-obligated Metropolitan Planning (PL) Funds** – The FHWA MA Division Office recognizes the large balance of de-obligated Metropolitan Planning (PL) funds from previous FYs and is working with MassDOT to develop a process to distribute and spend down these funds to MPOs for eligible activities. Please note that each year of PL apportionment lapses after three years if the funds are not spent down. More information will continue to be provided by MassDOT; we encourage MPOs to consider ways they can make good use of additional PL funds for metropolitan planning purposes.
- **Public Participation** - The USDOT's [*Promising Practices for Meaningful Public Involvement in Transportation Decision-Making*](#) was updated in November 2023 and added a new Appendix on Using Federal Funds for Meaningful Public Involvement Activities. FHWA and FTA encourage MPOs to develop public involvement processes that proactively seek full representation from the community, consider public comments and feedback, and incorporate that feedback into a project, program, or plan. In addition, the FHWA Massachusetts Division Office issued a Reference Letter in December 2023 to assist MPOs in evaluating the eligibility and allowability of Metropolitan Planning (PL) funds for innovative and unique public-involvement activities and expenses, a copy of which is provided in Attachment D.
- **Coordinated Public Transit-Human Services Transportation Plans (Coordinated Plans)** – At a minimum, coordinated plans are required to be updated on a cycle consistent with the MTPs (i.e., four years in air quality nonattainment and maintenance areas and five years in air quality attainment areas). MPOs should ensure adequate resources are allocated in the UPWP to the update process to ensure the update is completed prior to the lapse of the existing plan.
- **Housing Coordination** – The BIL/IIJA makes several changes to include housing considerations in the metropolitan transportation planning process and the use of PL funds for such purpose. This includes development of surface transportation systems to better connect housing and employment. MPOs are encouraged to consult and add to their stakeholder lists officials responsible for housing as well as representatives of affordable housing organizations. Additionally, the planning process should provide for consideration of projects and strategies that will promote consistency between transportation improvements and State and local housing patterns (in addition to planned growth and economic development patterns). We encourage MPOs to look towards developing a housing coordination plan or identify other ways to use the transportation planning process to address the integration of housing, transportation, and economic strategies.
- **Flexing Funds/Transfers to FTA** – FHWA and FTA continue to strongly encourage the transfer of funds to FTA to occur as early as possible in the FFY, as this will ensure the funds

will be transferred and obligated prior to FTA's financial systems closing in September. Please note that if transfers are not initiated and received by the FHWA Division Office by May 1, there is no guarantee the transfers will be transferred to FTA and obligated by the end of the FFY.

- **Programming of Earmarks in the S/TIPs** – In accordance with 23 CFR 450.218(g) and (h), S/TIPs shall contain all projects within the boundaries of the State proposed for funding under title 23 U.S.C. and 49 U.S.C. Congress can and has historically earmarked and provided congressionally designated funding for projects through Authorization and Appropriations Acts. These congressionally designated earmarks are to be administered as if apportioned under Chapter 1 of Title 23, U.S.C., meaning the traditional federal-aid environment, planning, and programming requirements apply. MassDOT and the MPOs should be aware of these earmarks and ensure they are programmed in the S/TIPs in the planned year of obligation. Additionally, MassDOT, as the direct recipient of Title 23 funds, must assume responsibility for delegation of authority for all federal requirements of earmarked funds.
- **Programming of Projects Receiving Discretionary Grant Funding in the S/TIPs** – In accordance with 23 CFR 450.218(g) and (h), S/TIPs shall contain all projects within the boundaries of the State proposed for funding under title 23 U.S.C. and 49 U.S.C. As BIL has substantially increased the opportunities to apply for discretionary grant funding, FHWA and FTA want to remind MassDOT and the MPOs that once awarded, projects that receive discretionary grant funding must be programmed in the S/TIPs within the year the project is anticipated to advertise. There is no requirement to include projects that have applied for discretionary grant funds in the S/TIPs prior to award, unless federal funding has been identified already for all or a portion of the project. However, also note that many grant applications require applicants to certify that a project can be part of the S/TIPs if awarded. As such, MPOs are encouraged to identify and include a list of unfunded projects/needs in their TIPs; this will help with grant applications as well as help to ensure a pipeline of TIP project. In addition, MPOs and MassDOT should ensure that planning grants should be included in the UPWP or SPR Work Program.
- **Programming of Transportation Projects Receiving Non-FHWA and FTA Funds in the S/TIPS** – In accordance with 450.218(h), S/TIPs shall include all regionally significant projects proposed to be funded with Federal funds other than those administered by the FHWA or the FTA, as well as all regionally significant projects to be funded with non-Federal funds. Regionally Significant is defined under 23 CFR 450 as a transportation project that is on a facility that serves regional transportation needs (such as access to and from the area outside the region; major activity centers in the region; major planned developments such as new retail malls, sports complexes, or employment centers; or transportation terminals) and would normally be included in the modeling of the metropolitan area's transportation network. At a minimum, this includes all principal arterial highways and all fixed guideway transit facilities that offer an alternative to regional highway travel.
- **Coordination of Planning Process Activities** – Recent updates either have recently occurred or are ongoing with regards to the Massachusetts Transportation Asset Management Plan (TAMP), the Massachusetts Strategic Highway Safety Plan (SHSP), the Massachusetts

Freight Plan, the Bicycle and Pedestrian Plan, as well as the 2050 Statewide Long-Range Transportation Plan - Beyond Mobility (anticipated Spring 2024). FHWA and FTA encourage the MPOs to become familiar with these statewide documents and consider them in the metropolitan planning process. Similarly, in accordance with 23 CFR 450.208, as MassDOT continues to develop and update statewide planning documents, we encourage MassDOT to rely on information, studies, and analyses provided by MPOs. At a minimum, MPOs and MassDOT shall integrate in their transportation planning processes, directly or by reference, the goals, objectives, performance measures, and targets described in other State transportation plans and transportation processes, as well as any plans developed under Chapter 53 of Title 49 by public transportation providers (for MassDOT, this applies to public transportation providers not represented by an MPO). We also encourage MassDOT to establish a more coordinated process for the programming of State Planning and Research (SPR) funding with the MPOs. More integrated planning will ensure resource expenditures at the state and regional level are not duplicated. This could include MassDOT providing an opportunity for MPOs to comment on the proposed SPR work program prior to programming.

- **Greenhouse Gas Emission Rule** – FHWA finalized a rule on January 8th that amended regulations governing national performance management measures and establishes a method for the measurement and reporting of greenhouse gas (GHG) emissions associated with transportation. It requires State departments of transportation (State DOT) and metropolitan planning organizations (MPO) to establish declining carbon dioxide (CO₂) targets for the GHG measure and report on progress toward the achievement of those targets. States must establish and report a 4-year statewide target by February 1, 2024, with subsequent targets reported no later than October 1, 2026, with biennial reports thereafter. MPOs serving a UZA over 50,000 people will be required to establish joint 4-year targets for that UZA, in addition to individual targets for the MPO. MPO and UZA joint targets are to be established no later than 180 days after the State DOT establishes their target.

We look forward to working with you throughout the development of the FY 2025-2029 STIP, TIPs, and 2025 UPWPs. Please contact Cassie Ostrander (cassandra.ostrander@dot.gov) or Eric Papetti (Eric.Papetti@dot.gov) if you have any questions.

Sincerely,

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Federal Highway Administration Massachusetts

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cc: Steve Woelfel, MassDOT
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***Attachment A: Statewide and Metropolitan Transportation Improvement Program
and Unified Planning Work Program Regulations***

The requirements for developing the STIP, TIPs, Public Participations processes, and UPWPs reside in 23 CFR 450, 23 CFR 420 and 23 CFR 490. Some key regulations are highlighted below. However, please keep in mind this list is not inclusive of all the federal planning requirements.

Public Participation

- Develop and use a documented participation plan: 23 CFR 450.316(a)
- Time for Public Review at Key Decision Points: 23 CFR 450.210(a)(1) and 23 CFR 450.316(a)
- Convenient and Accessible Locations and Times: 23 CFR 450.210(a)(1) and 23 CFR 450.316(a)
- Seeking Input of Traditionally Underserved: 23 CFR 450.210(a)(1) and 23 CFR 450.316(a)
- Periodically Review Effectiveness of Procedures and Strategies: 23 CFR 450.210(a)(1) and 23 CFR 450.316(a)

STIP

- Amendments and Administrative Modifications: 23 CFR 450.104 and 23 CFR 450.218(n)
- Funding and Fiscal Constraint: 23 CFR 450.104 and 23 CFR 450.218(m), (n) and (o)
- Performance-based Planning and Programming: 23 CFR 450.218(q)
- Regionally Significant Projects: 23 CFR 450.218(h)
- Self-Certifications: 23 CFR 450.220
- Project Descriptions and Phases of Work: 23 CFR 450.218(i)
- TIP inclusion in STIP: 23 CFR 450.328(b)

TIP

- Amendments and Administrative Modifications: 23 CFR 450.104 and 23 CFR 450.328(a)
- Funding and Fiscal Constraint: 23 CFR 450.104 and 23 CFR 450.326(j) and (k)
- Performance-based Planning and Programming: 23 CFR 450.326(d)
- Regionally Significant Projects: 23 CFR 450.326(f)
- Self-Certifications: 23 CFR 450.336
- Project Descriptions and Phases of Work: 23 CFR 450.326(g)
- TIP inclusion in STIP: 23 CFR 450.328(b)
- Annual Listing of Obligated Projects: 23 CFR 450.334

UPWP

- Amendments and Administrative Modifications: 23 CFR 450.104
- Annual Reports and Quarterly Reports: 23 CFR 420.117(b) and (c)
- Development and Content: 23 CFR 450.104, 23 CFR 450.308(c) and CFR 420.111(b)(1)
- Eligibility: 23 CFR 420.113

Attachment B: Additional Applicable Guidance

The following information has been provided to MassDOT and the MPOs in prior years. As most of this information has been carried over year-to-year, we believe these processes are now well established. However, we are including this attachment for reference purposes.

- **Planning Emphasis Areas** – On December 30, 2021, FHWA and FTA jointly issued updated Planning Emphasis Areas (PEAs) for use in the development of the metropolitan and statewide planning and research work programs. The 2021 PEAs encourage States and MPOs to focus on climate and clean energy, equity, complete streets, public involvement, Department of Defense coordination, Federal Land Management Agency coordination, planning and environmental linkages, and data sharing in the transportation planning process. We continue to encourage MassDOT and the MPOs to incorporate and keep these PEAs in mind during the development of the S/TIPs and UPWPs.
- **UPWP Reporting** – UPWP annual performance reports and financial summaries are required to be submitted to FHWA and FTA within 90 days after the end of the reporting period (end of FFY). In Massachusetts, this is December 30 of every year. Please ensure that each annual performance report includes the following:
 - Accomplishments and progress made by task and sub-task (e.g., Task 1.1, 1.2, 1.3, etc.); and
 - Table of expenditures by task and sub-task that includes the original budget, amended budget, expenditures, and remaining balance.We will review and provide any necessary feedback on the UPWP annual performance reports to MassDOT and the respective MPOs. Reminder that in lieu of UPWP quarterly progress and expenditure reports, MassDOT should share copies of monthly UPWP invoice progress reports with FHWA.
- **UPWP Amendments and Administrative Modifications** – Amendments are defined as significant changes to the overall UPWP that require federal approval. Administrative modifications are minor adjustments to the overall UPWP that do not require federal approval. More specifically, **Amendments** to the UPWP include the following:
 - Addition or deletion of a UPWP task or sub-task;
 - Major changes to UPWP task descriptions, activities, and other information;
 - Funding increase above the originally approved UPWP overall budget;
 - Funding transfers between tasks equal to or greater than 25% of the UPWP task budget; and
 - Funding increase or decrease equal to or greater than 25% of the UPWP task budget.**Administrative modifications** to the UPWP include the following:
 - Minor changes to UPWP task descriptions, activities, and other information;
 - Funding transfers between UPWP tasks less than 25% of the UPWP task budget; and
 - Funding increase or decrease less than 25% of the UPWP task budget.
- **Inflation Rates in the S/TIPs** – The cost estimates for the S/TIPs must use an inflation rate

to reflect the “year of expenditure dollars.” As stated in previous years, MassDOT and MPOs are encouraged to use state and/or local cost data to develop cost inflation indices. As an alternative, FHWA would accept MassDOT and MPOs using an inflation rate of four percent (4%) per annum. The inflation must be added to the cost estimates for all projects from the second to the fourth year in the S/TIPs. The inflation rate applies only to “planning/programming” level cost estimates. As projects advance through project development to construction, project level estimates should be updated. The S/TIPs should include a brief description stating that the inflation rate was accounted for in the cost estimates.

- **Advance Construction (AC)** – AC should only be used if: 1) Project construction, due to engineering decisions, would be scheduled to span the years for which the funding is programmed; and 2) there is a program necessity that would make the impacts of not programming using AC significant, as compared to the financial impacts to the program considering the AC amount. AC should not be used solely as a means to fund a project.

With respect to MPO target programming, AC should generally be used for projects that exceed an MPO’s annual target. For the Boston Region MPO and MassDOT, AC may be used for projects that are \$25 million or more.

Clear information should be provided for projects that are advance constructed in order to determine the timeframe of the AC. For example, if a project is advance constructed over two years, a note should be included in the project description within the S/TIPs to indicate the AC year, such as “AC year 1/2” or “AC year 2/2.” The STIP should include a schedule of all AC funded projects and be updated based on any project changes. Any exceptions to AC guidance should be approved by the appropriate federal agency before programming occurs. Updated AC tables reflecting project changes should be submitted with each STIP amendment



FFY 2025–2029 Transportation Improvement (TIP) Guidance

Metropolitan Planning Organizations' (MPOs') Transportation Improvement Programs (TIPs) are critical to the Commonwealth's project delivery cycle. The Massachusetts Department of Transportation (MassDOT) is providing the following guidance to ensure that TIPs are fiscally constrained, informed by project readiness, and are transparent to the public. As part of this cycle, please continue to make use of eSTIP for both project selection and for TIP amendments and adjustments.

Narrative	
Organizational Details	<ul style="list-style-type: none">• Please ensure list of MPO members is current.• Please outline MPO organization, including the relationship of related entities (other boards, technical committees, municipalities, etc.).• Please ensure acronyms and partner agency lists are accurate, up to date, and featured near beginning of document• Please ensure all references to federal transportation funding reauthorization legislation are up to date (i.e. all references should be to the BIL/IIJA).• Please ensure that TIP document is as concise as possible to allow for greater readability and comprehension among members of the public. Staff may leverage an appendix for supplemental data or reference materials.
Project Programming Rationale	<ul style="list-style-type: none">• MassDOT will be developing the FY 2025 – 2029 Capital Investment Plan (CIP) and STIP focused on implementing our various modal plans and tying our investments to performance-based planning identified in MassDOT's Performance Tracker. As the MPOs are a crucial partner to the CIP development, please describe connections between regional target projects, the Long Range Transportation Plan (LRTP), Unified Planning Work Program (UPWP), Regional Modal Plans, performance measures, and Statewide Modal Plans. Specifically, note if regional target projects are related to and/or referenced in these plans or if they were developed directly as a result of a UPWP-funded corridor study or technical assistance. (See attached template for assistance with this recommendation.)• With specific regard to the 2024 regional LRTP, please include a section describing the MPO's investment framework that ties regional target projects to the goals and programs included within the LRTP.



Reliability of TIP Project Delivery	<ul style="list-style-type: none"> MassDOT's Highway Division and Office of Transportation Planning are continuing efforts to improve project delivery within the State Transportation Improvement Program (STIP). As the MPOs are a crucial partner to the development and implementation of the STIP, please ensure there is a process in place for MPO staff to play an active role in coordinating with project proponents, designers, MassDOT District staff, and other relevant stakeholders to ensure project delivery milestones are met for TIP target projects.
Procedural TIP Elements	<ul style="list-style-type: none"> Please include all currently utilized Transportation Funding programs. Please see USDOT Fact Sheets on BIL and Special Funding for up-to-date detail of federal programs. MPO may also reference STIP Appendix on Funding Categories and Assumptions, or add as an appendix. Please detail the TIP Amendment and Adjustment procedures for your MPO and discuss any variances from the MassDOT procedures. Include any changes made since MPO endorsement of the 2024–2028 TIP and ensure any relevant Memoranda of Understanding (MOUs) are accurate.
Project Scoring	<ul style="list-style-type: none"> Please include a table detailing all MPO scored projects, listed in order by project score, along with notations if the project will be programmed in the 2025–2029 TIP. Please include a narrative outlining the processes by which projects are scored and programmed, and detail any changes made to the project scoring criteria or process since the 2024–2028 TIP. Please consider actively engaging municipalities in your region to participate in project scoring process. Please be sure to not only reference maximum possible TEC score in TIP document, but also in eSTIP application (for example, a TEC score of 22 in one region likely does not mean the same in another if the maximum project scores are different). Please describe whether and to what extent the RITIS platform has been incorporated into the MPO's project scoring system and/or used to evaluate travel time reliability changes and changes in travel patterns.
General Recommendations	<ul style="list-style-type: none"> Please check document for broken links, and remove all placeholder text and proofing text. Please ensure all charts, tables, and maps are legible and properly annotated. Please update TIP Signatory Sheet. FHWA & FTA only require a formal approval signature from MPO Chair.

Public Engagement	
Community Outreach	<ul style="list-style-type: none"> Ensure that virtual public involvement techniques are used as part of the TIP public participation strategy and described within the TIP narrative.



Best Practices	<ul style="list-style-type: none"> To assist with engaging non-traditional stakeholders, please ensure public involvement activities are in line with your MPO Public Participation Plan standards. Consider how residents, particularly limited English proficiency (LEP) residents, might find and understand the TIP Document and/or know that translations are available. Ensure that all TIP-related materials are posted to the MPO website in a timely manner and that all information is up to date.
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Performance Measurement	
Target-Setting & Planning	<ul style="list-style-type: none"> Please include a discussion of the planning process leading up to performance measure target-setting. Please directly reference & identify investments relevant to the Transit Asset Management (TAM) Plan & Public Transportation Agency Safety Plan (PTASP). Please coordinate with RTAs in your region as necessary. Please directly reference & identify investments from the MassDOT Transportation Asset Management Plan (TAMP). Please discuss how adopted performance targets inform project selection. Please directly reference MassDOT's Annual Performance Management Report, Tracker. Please directly reference federal and regionally adopted performance measures (if applicable).
Current Targets	<ul style="list-style-type: none"> Please include currently adopted targets (including PM1 safety targets, PM2 pavement and bridge condition targets, and PM3 system performance and congestion targets) and make clear the timing of the most recent update(s) to targets. Please ensure adopted targets are clearly stated and that associated charts are legible. Please compare regional data to statewide targets where regional data is available. Discuss MPO decision to adopt separate targets or to support statewide targets.



Project Lists

Financials	<ul style="list-style-type: none"> • Please ensure financial projections flow from most recent FHWA, FTA, and MassDOT guidance. • Financial plans should include a description of how the amount of funding reasonably expected to be made available was cooperatively developed for both highway and transit revenues. • Please confirm that project costs and Year of Expenditure (YOE) estimates are accurate. • Please include operations and maintenance (O&M) tables for both highway and transit investments. MassDOT will provide highway figures.
Additional Info	<ul style="list-style-type: none"> • Please include Advanced Construction (AC) nomenclature where appropriate. • Please ensure that there is a narrative describing transit projects funded within the TIP and any applicable project scoring consideration made for project selection. • Please ensure all relevant fields are completed in eSTIP, as applicable, including project proponent, the MassDOT PRC score, GHG entries, and CMAQ* data (*see further guidance below). Please reference Mobile Source Emissions Factors in Regional TIP (either a hyperlink or appendix item is sufficient) • Please browse projects currently programmed within eSTIP for project limit accuracy, as these are the shapes that MassDOT uses for analysis as part of the CIP process. Please reach out to District staff and MPO Liaison if any discrepancies are identified.
Creative Use of Regional Target Funds	<ul style="list-style-type: none"> • Please consider the development of a TIP program that would assist with the implementation of the goals identified in the LRTP. The Boston MPO's Community Connections Program is a best practice in this area. For TIP programs and for non-traditional TIP projects, coordinate with your MPO Liaison to ensure feasibility of timeline and of any specific programmed projects.
Completeness	<ul style="list-style-type: none"> • Include all funded transportation projects, including Federal Lands Access Program (FLAP), Federal Lands Transportation Program (FLTP), U.S. Army Corps of Engineers (USACE), Coronavirus Response and Relief Supplemental Appropriations (CRRSAA), and Tribal Transportation Program (TTP) projects. If a project that is part of one of these programs is programmed in your respective region, please ensure it is included within an appendix. If adding self-certification to TIP document, please ensure all CFR's are consistent with federal requirements, and include signature for Secretary Monica Tibbitts-Nutt.
Statewide & Interregional Projects*	<ul style="list-style-type: none"> • As discovered in a FFY 2024 Federal Planning Finding, MPO Boards are required to release for public comment and endorse all highway and transit investments as part of their regional TIPs, including interregional projects. As such, please include an appendix to regional TIPs that documents a listing of all



Statewide Highway investments, and—if your region is serviced by the MBTA—please include an MBTA Project List. Please verify with STIP Coordinator if there are any questions.

Impact Analysis	
Equity Analysis	<ul style="list-style-type: none"> Analyze geographic equity of past and current TIP projects, along with a relevant table of programming information by municipality. Discuss how equity informs investment decisions for both roadway and transit projects. Analyze social equity of the TIP in light of Title VI considerations and your MPO's Title VI Plan. Analyze environmental justice impacts of the TIP and/or of major programmed projects as needed. Include an equity narrative to accompany geographic and social equity charts, tables, and maps. Discuss how equity considerations inform investment decisions. When developing your regional equity analysis, consult the TCRP report, "Equity Analysis in Regional Transportation Planning Processes, Volume 1." In the geographic equity narrative, consider the inclusion of other transportation-related grant program participation by municipality, and whether there are any different or reinforced trends in participation in regional target funding and participation in other transportation grant opportunities (e.g. Mass Trails, Shared Streets and Spaces, MassWorks, etc.)
Greenhouse Gas (GHG) Emissions Analysis	<ul style="list-style-type: none"> Ensure that all projects for which there is a CMAQ analysis spreadsheet are quantified using the MPO GHG Assessment and Reporting Guidance. Please note that all GHG reduction numbers should be positive and GHG increase numbers should be negative. It is intentional that a positive number is associated with a reduction in emissions. Include highway and transit projects in GHG analysis in a template provided by MassDOT.



Schedule

To facilitate a timely sharing of the Final STIP with the Federal Highway Administration (FHWA), the Federal Transit Administration (FTA), the United States Environmental Protection Agency (EPA), and the Massachusetts Department of Environmental Protection (DEP), MassDOT will follow the schedule below (Please also see attached STIP Development Milestone calendar):

March – We expect that each MPO will decide on a preferred set of projects to include in their draft 2025–2029 TIPs. Both draft Highway and Transit project listings shall be presented at March MPO meetings. Please work with your RTAs and MassDOT on ensuring that these lists are prepared one week (seven days) in advance. Upon MPO concurrence of a preferred slate of projects, staff shall select a preferred projects list within two business days in the eSTIP application.

MassDOT will use the preferred set of projects preliminarily chosen by your members to help prepare the draft 2025–2029 CIP so as to reflect your MPO's priorities, understanding that regional priorities may shift between March and the final adoption of the CIP. Having your region's preferred slate of projects is a critical step in developing the CIP.

April – Each MPO will release their draft TIPs at their April meeting. MassDOT will use these draft TIPs to prepare the draft STIP and in the draft CIP update released for public comment.

We will have overlapping comment periods between regional TIPs, the STIP, and CIP. This will allow us to share comments and coordinate the consideration and response to public comments received at the regional or statewide level.

MassDOT expects that a full draft of the TIP document, not just project lists, will be shared with your members at least seven days in advance of the April MPO meetings when the draft TIPs will be considered for release for public comment by your membership. All appendices should be shared with MPO members as well. Within two business

MassDOT MARPA Annual Meeting – January 31, 2024



Maura Healey, Governor
Kimberley Driscoll, Lieutenant Governor
Monica Tibbitts-Nutt, Secretary & CEO



days of the MPO meeting, staff shall update the preferred projects list in the eSTIP to align with the released project list.

*All projects programming CMAQ funding must add the 'CMAQ Data' from consultation onto the eSTIP application—please contact MassDOT's CMAQ Coordinator for further guidance/questions.

May – Each MPO will endorse their TIPs at their May meeting. MassDOT will use these endorsed TIPs to prepare the final STIP and also use the final program of projects for the CIP update that will be considered for adoption by the Joint Boards of Directors in early June.

MPO Liaison TIP Review Checklist

Completeness

ID	Review Item	Comments	Reference
A1	✓ * Table of Contents is accurate and internally-linked.		✓ -- for use in column B
A2	✓ * Document has no broken links.		✗ -- for use in column B
A3	✓ * MPO self certification statement is included.		
A4	✓ * GHG certification is included.		
A5	✓ * Air Quality Conformity statement is included.		
A6	✓ * Document has no text or image placeholders.		
A7	✓ * Charts, tables, and maps are legible and properly annotated.		
A8	✓ * Document passes an accessible check.		
A9	✓ * Document is available in relevant languages per the MPO's Title VI Plan.		
A10	✓ * List of MPO members is current.	Please remove "Acting" from the Secretary's title.	
A11	✓ * Signatory sheet is included and accurate. Update Monica Tibbits-Nutt as Secretary/CEO of MassDOT.		
A12	✓ * Acronyms and partner agency lists are up to date.		
A13	✓ * Dates listed w/in TIP reflect FFY 2025–2029.		

Narrative

ID	Review Item	Comments	Reference
B1	✓ * TIP outlines MPO institutional organization.		
B2	✓ * TIP links back to national planning factors.		
B3	✓ * TIP references the RTP and the UPWP.		
B4	✓ * TIP narrative is concise and reader-friendly.		
B5	✓ * TIP discusses evaluation scoring.		
B6	✓ * TIP includes project scoring table.		
B7	✓ * TIP describes public participation process.		
B8	✓ * TIP includes procedures for adjustments and amendments, including any deviations from MassDOT guidelines.		
B9	✓ * TIP describes funding sources accurately.	Please consider adding a description for any of the funding sources missed in the draft document, such as the Bridge Formula Program, 5310, and 5311 programs, if applicable to your region.	https://www.mass.gov/doc/stip-ffy-2024-2028-final-report/download

Performance Measures

ID	Review Item	Comments	Reference
C1	✓ * TIP includes discussion of target-setting process.		
C2	✓ * TIP references relevant Transit Asset Management (TAM) Plans and includes all TAM Plan targets.		https://www.transit.dot.gov/TAM/TAMPlans

C3	✓	* TIP references relevant Public Transportation Agency Safety Plans (PTASPs) and includes all PTASP targets		https://www.transit.dot.gov/PTASP
C4		* TIP includes current adopted performance targets.	Please incorporate the latest versions of the PM1 figures that identify the "2 and 4 Year Targets" correctly as "2024 and 2026 Targets." In addition, the targets for "Injuries" are incorrect, please update accordingly using the attached PM1 narrative.	PM1, PM2, PM3, TAM, and any regionally-derived targets. Please consider including a reference to the Statewide GHG Reduction Target, and language regarding MPO discretion to adopt their own voluntary target.
C5	✓	* TIP discusses relationship between performance targets and project selection.		
C6	✓	Discussion on performance measures compares regional data to statewide data where available.		

Project Listing

ID		Review Item	Comments	Reference
D1	✓	* Financial projections align with MassDOT guidance.		
D2	✓	* TIP template is formatted correctly.	Please upload a new highway project list to capture changes during public review.	New Project (612608): WORCESTER- FLOOD RELIEF ON ROUTE 20, GRAFTON STREET (ROUTE 122) INTERCHANGE TO FLINT POND
D3	✓	* Projects use MassDOT ProjectInfo TFPCs.		
D4	✓	* assumptions.		2026: 4%; 2027: 8%; 2028: 12%; 2029: 16%
D5	✓	* Projects use MassDOT ProjectInfo description.		
D6	✓	* Additional comment field contains all necessary info.		Total cost, AC, Year-of-expenditure, TEC scores, funding sources
D7	✓	* MassDOT projects are (accurately) included into regional template.		
D8	✓	* Regional target projects adhere to Readiness Days feedback.		
D9	✓	* List includes all projects, including FLAP, FLTP, and Tribal projects.		
D10	✓	* Transit TIP is formatted properly.		Should be unchanged from Transit eSTIP
D11	✓	* Document includes Statewide Highway Projects List and MBTA* Projects list as appendices (*only necessary for regions with MBTA commuter/ferry service).	Please consider referencing the MBTA project list in the main TIP document and note which projected are located in or relevant to the Central Mass region specifically.	

Impact Analysis

ID		Review Item	Comments	Reference
E1	✓	* TIP includes GHG certification.		
E2	✓	* GHG analysis is available for all (and only) funded projects.		

E3	✓	*	All projects are appropriately labeled as qualitative or quantitative.	For all projects labeled as a "Qualitative Decrease in Emissions," please provide a brief explanation as to why there is an expected decrease that cannot be calculated, and consider noting whether a quantitative assessment will be performed when design progresses.	Please make sure to select a 'GHG Analysis Type' regardless of impact type. If the impact is qualified, please provide information that demonstrates as such.
E4	✓	*	Transit projects have been analyzed for GHG.		Please rely on guidance in the "Bus Replacement GHG Analysis for 24-28 TIPs" email from Derek Krevat on 5/3/2023.
E5	✓	*	Past and current TIP projects have been analyzed for geographic equity, including a relevant table of programming by municipality.		
E6	✓	*	Past and current TIP projects have been analyzed for social equity.		
E7	✓	*	Social equity analysis considers Title VI / language access.		
E8	✓	*	Social equity analysis considers EJ populations, including both federal and state definitions.		
E9	✓	*	Equity analysis includes a narrative to accompany any figures.		

* indicates required by state or federal regulation.

TIP Development Meetings

- Public
- Central Massachusetts MPO
- CMMPO Advisory Committee

Public

Central Massachusetts Metropolitan Planning Organization
Draft 2025-2029 Transportation Improvement Program (TIP) & Proposed Amendment #7 to the 2024
to 2028 TIP Available for Public Review & Comment

For information purposes and in accordance with the Central Massachusetts Metropolitan Planning Organization's (CMMPO) formal Public Participation Plan, the transportation staff of the Central Massachusetts Regional Planning Commission (CMRPC) announces the release of the Draft 2025-2029 Transportation Improvement Program (TIP) project listings & associated documentation and summary materials pertaining to proposed Amendment #7 to the CMMPO Endorsed 2024-2028 TIP highway project listing for the federally required 21-day public review and comment period, now underway.

The Worcester Regional Transit Authority (WRTA), the Federal Transit Administration (FTA) Section 5307 (c) grant applicant, a member of the CMMPO, states that the public involvement process adopted for the development of the TIP satisfies the public hearing requirements that pertain to the development of the Program of Projects for regular Section 5307, Urbanized Area Formula Program, grant applications including the provision for public notice and the time established for public review and comment.

The TIP is the listing of all transportation projects-highway, transit, intermodal-in the planning region programmed to receive federal-aid funding. Proposed TIP Amendment #7 calls for a cost increase for Uxbridge Project #608171, a cost decrease of Sutton/Grafton Project #608640, and moving Hardwick/New Braintree Project #608851 from 2025 to 2024.

All interested parties are welcome to attend a virtual public meeting to discuss the Draft 2025-2029 TIP & Proposed Amendment #7 on **Tuesday, May 7, 2024** at 5:00 PM using ZOOM. The details to join the public meeting can be found on the CMRPC website meeting calendar. The established deadline for public comment on the Draft TIP & Proposed Amendment #7 is 4:30 PM on **Wednesday, May 8, 2024**. Summary materials pertaining to the draft document and proposed amendments are available at www.cmrpc.org. Printed summary materials are available upon request at the CMRPC office. CMMPO meetings are conducted in accessible locations and close to public transit. Materials can be provided free of charge in accessible formats and languages other than English. If you would like special accommodations, such as an interpreter, please contact the Title VI Coordinator, (508) 459-3313, or TitleVICoordinator@cmrpc.org at least 14 days prior to the meeting.



Notice of Virtual Public Meeting

A notice is hereby given of the availability of the following documents/materials for public review and comment by decision makers, stakeholders, and the general public:

Draft 2025 – 2029 Transportation Improvement Program (TIP)

Proposed 2024 – 2028 TIP Amendment #7

What is the TIP? The CMMPO TIP lists the highway and transit projects in the CMMPO region that are programmed to receive federal funds during these fiscal years. The Draft 2025-2029 TIP has been released for a 21-day public review and comment period and the Proposed Amendment #7 to the 2024-2028 TIP calls for changes to the highway project listing. These changes are:

- Increase cost of Project **608171 Uxbridge – Reconstruction of Route 122 (South Main Street), from Susan Parkway to Route 16** from \$10,624,014 to \$14,232,013. It is an increase of \$3,607,999.
- Move Project **608851 Hardwick - New Braintree – Bridge Replacement, H-08-003=N-07-002, Creamery Road over Ware River** from FFY 2025 to FFY 2024 with a new total project cost of \$3,659,382. The funding source would also change from STBG-BR-Off to BROFF.
- Decrease cost of Project **608640 Sutton – Grafton – Bridge Reconstruction/Rehabilitation, S-33-004, Depot Street over the Blackstone River** from \$12,380,610 to \$9,636,255. It is a decrease of \$2,744,355.

Summary materials pertaining to the above listed documents are available at www.cmrpc.org or by request at the CMRPC office.

There will be opportunities for the public to comment on the Draft 2025-2029 TIP and Proposed Amendment #7 to the 2024-2028 TIP during the virtual ZOOM meeting listed below:

Tuesday, May 7, 2024 at 5:00 PM

Join Zoom Meeting

<https://us02web.zoom.us/j/84726896350?pwd=U3dxMFVoNHFSUnNzNzBTRktEMkpaUT09>

Meeting ID: 847 2689 6350

Passcode: 792928

Dial by your location

+1 301 715 8592 US (Washington DC)

+1 312 626 6799 US (Chicago)

+1 646 558 8656 US (New York)

All written comments can be sent to Kevin Krasnecky at kkrasnecky@cmrpc.org and all comments received before Wednesday, May 8, 2024 at 4:30PM will be fully considered.

CMMPO meetings are conducted in accessible locations and materials can be provided in accessible formats free of charge upon request (including but not limited to interpreters in American Sign Language and languages other than English, open or closed captioning for videos, alternative material formats such as audio, Braille, and large print), as available. Interpreter and other translation requests must be made at least fourteen (14) business days before the meeting. Materials in alternative formats must be requested at least three (3) business days prior to the meeting. For accommodations or language assistance, or to request information or file a complaint, contact the CMMPO Title VI Coordinator by phone at (508) 756-7717, by fax at (508) 792-6818, or by email at TitleVICoordinator@cmrpc.org.

The Worcester Regional Transit Authority (WRTA), the Federal Transit Administration (FTA) Section 5307 (c) grant applicant, a member of the CMMPO, states that the public involvement process adopted for the development of the TIP satisfies the public hearing requirements that pertain to the development of the Program of Projects for regular Section 5307, Urbanized Area Formula Program, grant applications including the provision for public notice and the time established for public review and comment.

The CMMPO fully complies with all Federal and Commonwealth of Massachusetts nondiscrimination protections, including Title VI of the Civil Rights Act of 1964 and related statuses and regulations, in all of its programs and activities. The CMMPO does not discriminate on the basis of: race, color, national origin, English proficiency, or age, ancestry, background, disability, gender, gender identity or expression, income, religion, sex, sexual orientation or expression, or military status. Any person who believes himself/herself or through a representative, file a complaint with the CMMPO. A complaint must be filed no later than 180 days after the date on which the person believes the discrimination occurred.

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 non-discrimination laws administered by the Federal Highway Administration, the Federal Transit Administration prohibit discrimination on the basis of age, sex and disability. These protected categories are contemplated within CMMPO's Title VI Program, consistent with federal interpretation and administration. Additionally, CMMPO 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. CMMPO also complies with the Massachusetts Public Accommodation Law, M.G.L. Chapter 272, Sections 92a, 98, and 98a prohibiting making any distinction, discrimination, or restriction in admission to or treatment in place of public accommodation based on race, color, religious creed, national origin, sex, sexual orientation, disability, or ancestry. Likewise, CMMPO complies with the Governor's Executive Order 526, Section 4 requiring that all of its programs, activities, and services provided, performed, licensed, chartered, funded, regulated, or contracted 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, or background.

If this information is needed in another language, please visit www.cmrpc.org and use the Google Translate feature.

Translations

English:

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Portuguese:

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Spanish:

Si necesita esta información en otro idioma, por favor visite www.cmrpc.org y utilice Google Translate.

French:

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Polish:

Jeżeli informacja zawarta na stronie www.cmrpc.org jest potrzebna w innym języku, prosimy o skorzystanie z funkcji Google translate.

Vietnamese:

Nếu thông tin này là cần thiết trong một ngôn ngữ khác, vui lòng truy cập www.cmrpc.org và sử dụng các tính năng của Google Translate.

Chinese (Traditional):

如果此信息需要以另一種語言，請訪問www.cmrpc.org並使用谷歌翻譯功能。



Virtual Public Meeting to Discuss the Draft 2025-2029 Transportation Improvement Program & Proposed Amendment #7 to the 2024-2028 TIP Highway Project Listing

Date: Tuesday, May 7, 2024

Time: 5:00 PM

Place: This meeting will be held virtually through ZOOM. Connection details and meeting materials are available on the CMRPC website calendar at <https://cmrpc.org/event/draft-2025-2029-tip-2024-2028-tip-amendment-7-virtual-public-meeting/>

AGENDA

1. Call to Order & Around the Room Introductions
2. Proposed 2024-2028 TIP Amendment #7
 - TIP Amendment #7 Overview
 - Acceptance of Public Comment & Input
3. Draft 2025-2029 TIP
 - Draft 2025-2029 TIP Overview
 - Acceptance of Public Comment & Input
4. Adjournment

Please Note: All comments on the Draft 2025-2029 TIP & Proposed Amendment #7 to the 2024-2028 TIP should be forwarded to Kevin Krasnecky at kkrasnecky@cmrpc.org prior to the CMMPO-established 4:30 PM deadline on **Wednesday, May 8, 2024**.

CMMPO meetings are conducted in accessible locations and materials can be provided in accessible formats free of charge upon request (including but not limited to interpreters in American Sign Language and languages other than English, open or closed captioning for videos, alternative material formats such as audio, Braille, and large print), as available. Interpreter and other translation requests must be made at least fourteen (14) business days before the meeting. Materials in alternative formats must be requested at least three (3) business days prior to the meeting.

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Tuesday, May 7, 2024 at 5:00 PM

Join Zoom Meeting

<https://us02web.zoom.us/j/84726896350?pwd=U3dxMFVoNHFSUnNzNzBTRktEMkpaUT09>

Meeting ID: 847 2689 6350

Passcode: 792928

Dial by your location

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CENTRAL MASSACHUSETTS METROPOLITAN PLANNING ORGANIZATION

The minutes of the Draft 2025-2029 TIP and 2024-2028 Proposed Amendment #7 virtual public meeting held Tuesday, May 7, 2024 through ZOOM.

- **Guests:**

1. Ann Sullivan, MassDOT – District #3
2. Peg Dean, Southbridge
3. Isabel Taylor, WSU Student

- **CMRPC Staff Present:**

1. Kevin Krasnecky
2. Jeff Howland

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Call to Order & Around the Room Introductions

Kevin Krasnecky, CMRPC, called the meeting to order at 5:03 PM and introduced the attendees.

Proposed Amendment #7 to the 2024-2028 TIP Highway Project Listing

Kevin Krasnecky reviewed this agenda item with the attendees. Mr. Krasnecky noted that Proposed Amendment #7 to the 2024-2028 TIP highway project listing was released for a 21-day public review and comment period by the CMMPO at their April 17th meeting. The Proposed Amendment calls for the following changes:

- Project #608171, Uxbridge – Reconstruction of Route 122 (South Main Street)
 - Increase cost of project from \$10,624,014 to \$14,232,013.
- Project #608851, Hardwick & New Braintree – Bridge Replacement, H-08-003=N-07-002
 - Move project from FFY 2025 to FFY 2024 with new Total Project Cost of \$3,659,382.
 - Funding source will also change from STBG-BR-OFF to BROFF.
 - MassDOT Comment: Additional cost increase of \$841,042 occurred after amendment was released. The updated total project cost is \$4,500,424.
- Project #608640, Sutton & Grafton – Bridge Reconstruction/Rehabilitation, S-33-004
 - Decrease project cost from \$12,380,610 to \$9,636,255.

There were no comments or questions regarding Proposed Amendment #7.

Draft 2025-2029 TIP

Kevin Krasnecky reviewed this agenda item with the attendees. Mr. Krasnecky began by saying that the Draft 2025-2029 TIP was released for a 21-day public review and comment period by the CMMPO at their April 17th meeting. Mr. Krasnecky also noted that besides the project listings, staff compiles a TIP summary document and accompanying Technical Appendix, as required. All TIP documents are available on the CMRPC website.

Next, Mr. Krasnecky reviewed all the regional target and statewide projects included in the draft highway project listing. After the highway projects, Mr. Krasnecky reviewed the Draft 2024-2028 TIP transit project listing. It was noted that the same types of projects are included in all five years of the listing. The projects include the purchasing of new support equipment, spare parts, bus shelters, and electronic signage. Other projects include operating assistance for the fixed-route service, renovations to the WRTA Hub and Operations & Maintenance Facility, and ongoing Union Station rehabilitation improvements.

There were no questions or comments regarding the Draft 2025-2029 TIP.

Before Mr. Krasnecky closed the public meeting, he mentioned the deadline for public comment is 4:30 PM on Wednesday, May 18th. With no additional comments or questions, the Draft 2025-2029 TIP & 2024-2028 Proposed Amendment #7 virtual public meeting closed at 5:20 PM.

Central Massachusetts MPO



Meeting of the Central Massachusetts Metropolitan Planning Organization

Date: Wednesday, **December 20**, 2023

Time: **3:30 PM**

Place: This meeting will be held virtually through Zoom. The Zoom Connection details are on the bottom of this agenda and in the meeting announcement email. Additional meeting materials can be found through the CMRPC web calendar:

<https://cmrpc.org/cmm-po-meeting-122>

AGENDA

- Introductions
- Approval of November 15, 2023 Meeting Minutes
- Opportunity for Public Comment
- Transportation Improvement Program (TIP)
 - **Potential Action:** Release Proposed Amendment #2 to the FFY 2024 to FFY 2028 TIP Transit List for 21-day Public Review and Comment Period
 - FFY 2029 TIP Project Candidates
- Title VI Program Update
 - **Potential Action:** Approval of the Title VI Program Updates
- 2023 Transportation Activities Overview
- Staff Updates
 - Federal Discretionary Grants
 - Migrant Transportation
- New Business
- Next Meetings:
 - CMMPO Advisory Committee meeting (virtual) – January 3, 2024 at 3:00 PM
 - CMMPO meeting (virtual) – January 17, 2024 at 4:00 PM
- Adjournment

CMMPO meetings are conducted in accessible locations and materials can be provided in accessible formats free of charge upon request (including but not limited to interpreters in American Sign Language and languages other than English, open or closed captioning for videos, alternative material formats such as audio, Braille, and large print), as available. Interpreter and other translation requests must be made at least fourteen (14) business days before the meeting. Materials in alternative formats must be requested at least three (3) business days prior to the meeting.

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CMMPO Zoom Meeting Details

Join Zoom Meeting:

<https://us02web.zoom.us/j/82085001869?pwd=ZUF1cm1yZFA3b3VxY0dXRUoxZEJNdz09>

Meeting ID: 820 8500 1869

Passcode: 278051

Dial by your location

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Meeting of the Central Massachusetts Metropolitan Planning Organization

Date: Wednesday, **January 17, 2024**

Time: **4:00 PM**

Place: This meeting will be held virtually through Zoom Webinar. The Zoom Connection details are on the bottom of this agenda and in the meeting announcement email. Additional meeting materials can be found through the CMRPC web calendar: <https://www.cmrpc.org/cmm-po-meeting-123>

AGENDA

- Introductions
- Remote Meeting Protocols & Procedures
- Approval of December 20, 2023 Meeting Minutes
- Opportunity for Public Comment
- Transportation Improvement Program (TIP)
 - **Potential Action:** Approval of Proposed Amendment #2 to the FFY 2024 to FFY 2028 TIP Transit List
 - **Potential Action:** Release Proposed Amendment #3 to the FFY 2024 to FFY 2028 TIP Highway & Transit Lists for 21-Day Public Review and Comment Period
 - FFY 2025 Micro-Projects Update
 - FFY 2029 Presentations by Project Proponents
 - Rutland #613655 – Intersection Improvements at Route 122 & Pleasantdale Rd
 - West Brookfield #612779 – Resurfacing & Related Work on Route 9 (Phase III)
 - Westborough #613242 – Roadway Improvements on Route 30 (East Main St)
 - Worcester #613648 – Intersection Improvements at Lake Ave & Bigelow Davis Pkwy
- Presentation on CY 2024 Safety Performance Measures (PM1)
- Staff Updates
 - Grants Funding
- New Business
- Next Meetings:
 - CMMPO Advisory Committee meeting (virtual) – January 24, 2024 at 3:00 PM
 - CMMPO meeting (virtual) – February 21, 2024 at 4:00 PM
- Adjournment

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American Sign Language and languages other than English, open or closed captioning for videos, alternative material formats such as audio, Braille, and large print), as available. Interpreter and other translation requests must be made at least fourteen (14) business days before the meeting. Materials in alternative formats must be requested at least three (3) business days prior to the meeting.

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CMMPO Zoom Webinar Meeting Details

Join Zoom Webinar Meeting:

<https://us02web.zoom.us/j/86745537403?pwd=OG5rNU82R0w5bVFxaWtjSkpIMWRtUT09>

Webinar ID: 867 4553 7403

Passcode: 025146

Dial by your location

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- +1 312 626 6799 US



Meeting of the Central Massachusetts Metropolitan Planning Organization

Date: Wednesday, **February 21**, 2024

Time: **4:00 PM**

Place: This meeting will be held virtually through Zoom Webinar. The Zoom Connection details are on the bottom of this agenda and in the meeting announcement email. Additional meeting materials can be found through the CMRPC web calendar: <https://cmrpc.org/event/cmmmpo-committee/>

AGENDA

- Introductions
- Approval of January 17, 2024 Meeting Minutes
- Opportunity for Public Comment
- Transportation Improvement Program (TIP)
 - **Potential Action:** Approval of Proposed Amendment #3 to the FFY 2024 to FFY 2028 TIP Highway & Transit List
 - **Potential Action:** Release Proposed Amendment #4 to the FFY 2024 to FFY 2028 TIP Highway List for 21-Day Public Review and Comment Period
 - FFY 2025 to FFY 2028 TIP Readiness Updates
 - FFY 2025 Worcester Micro-Project Summary
 - TIP Design Funding Discussion
- TIP/UPWP Guidance Summary
- CY 2024 Safety Performance Measures (PM1)
 - **Potential Action:** Adopt State Safety Targets
- Community Transportation Data/Project Services – Presentation
- Staff Updates
 - Safe Streets for All Grant
 - Other Federal Grants
- New Business
 - MassDOT Innovation Conference
- Next Meetings:
 - CMMPO Advisory Committee meeting (virtual) – February 28, 2024 at 3:00 PM
 - CMMPO meeting (In person/Hybrid) – March 20, 2024 at 4:00 PM
- Adjournment

CMMPO Zoom Webinar Meeting Details

Join Zoom Webinar Meeting:

<https://us02web.zoom.us/j/87321525865?pwd=dHllaDN4Z3FIUG92T1hVU09rTjFWQT09>

Webinar ID: 873 2152 5865

Passcode: 771277

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Meeting of the Central Massachusetts Metropolitan Planning Organization

Date: Wednesday, **March 20**, 2024

Time: **4:00 PM**

Place: This meeting will be held virtually through Zoom Webinar. The Zoom Connection details are on the bottom of this agenda and in the meeting announcement email. Additional meeting materials can be found through the CMRPC web calendar: <https://cmrpc.org/event/cmm-po-committee-2/>

AGENDA

- Introductions
- Approval of February 21, 2024 Meeting Minutes
- Opportunity for Public Comment
- Transportation Improvement Program (TIP)
 - **Potential Action:** Approval of Proposed Amendment #4 to the FFY 2024 to FFY 2028 TIP Highway List
 - **Potential Action:** Release Proposed Amendment #5 to the FFY 2024 to FFY 2028 TIP Highway & Transit List for 21-Day Public Review and Comment Period
 - FFY 2029 TIP Project Candidates PM Scoring Review
 - FFY 2025 to FFY 2029 TIP Workshop
 - Review and Consensus of Preferred Option for FFY 2025 to FFY 2029 TIP Highway Project Listing
 - Review of FFY 2025 to FFY 2029 Statewide Highway Project Listing
 - Review of FFY 2025 to FFY 2029 Transit Project Listing
- FFY 2025 Unified Planning Work Program (UPWP)
 - Budget and Major Task Listing
- Active Transportation Overview
- Staff Updates
 - Federal Grants
- New Business
- Next Meetings:
 - CMMPO Advisory Committee meeting (virtual) – March 27, 2024 at 3:00 PM
 - CMMPO meeting (virtual) – April 17, 2024 at 4:00 PM
- Adjournment

CMMPO Zoom Webinar Meeting Details

Join Zoom Webinar Meeting:

<https://us02web.zoom.us/j/87321525865?pwd=dHllaDN4Z3FIUG92T1hVU09rTjFWQT09>

Webinar ID: 873 2152 5865

Passcode: 771277

Dial by your location

+1 646 558 8656 US (New York)

+1 301 715 8592 US

+1 312 626 6799 US

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Meeting of the Central Massachusetts Metropolitan Planning Organization

Date: Wednesday, **April 17**, 2024

Time: **4:00 PM**

Place: This meeting will be held virtually through Zoom Webinar (use link below). Additional meeting materials can be found through the CMRPC web calendar: <https://cmrpc.org/event/cmm-po-committee-3/>

Zoom Link: <https://us02web.zoom.us/j/87321525865?pwd=dHllaDN4Z3FIUG92T1hVU09rTjFWQT09>

Webinar ID: 873 2152 5865

Password: 771277

Dial In: +1 646 558 8656 US (New York)

AGENDA

- Introductions
- Approval of March 20, 2024 Meeting Minutes
- Opportunity for Public Comment
- Transportation Improvement Program (TIP)
 - **Potential Action:** Approval of Proposed Amendment #5 to the FFY 2024 to FFY 2028 TIP Highway and Transit List
 - **Potential Action:** Approval of Proposed Adjustment #6 to the FFY 2024 to FFY 2028 TIP Highway Project List
 - **Potential Action:** Release Proposed Amendment #7 to the FFY 2024 to FFY 2028 TIP Highway List for 21-Day Public Review and Comment Period
 - **Potential Action:** Release Draft FFY 2025 to FFY 2029 TIP for 21-Day Public Review and Comment Period
 - **Potential Action:** Endorsement of the FFY 2025 to FFY 2029 TIP Self-Certification of the CMMPO Transportation Planning Process
 - **Potential Action:** Endorsement of the FFY 2025 to FFY 2029 TIP Certification of the CMMPO Greenhouse Gases (GHG) Requirements
- MassDOT Beyond Mobility Update
- MassDOT Capital Investment Plan (CIP) Presentation
- Staff Updates
 - Federal Grants
 - Bike Month Activities
- New Business
- Next Meetings:
 - CMMPO Advisory Committee meeting (virtual) – April 24, 2024 at 3:00 PM

- CMMPO meeting (virtual) – May 15, 2024 at 4:00 PM

➤ Adjournment

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Meeting of the Central Massachusetts Metropolitan Planning Organization

Date: Wednesday, **May 15**, 2024

Time: **4:00 PM**

Place: This meeting will be held virtually through Zoom Webinar (use link below). Additional meeting materials can be found through the CMRPC web calendar: <https://cmrpc.org/event/cmm-po-committee-4/>

Zoom Link: <https://us02web.zoom.us/j/87321525865?pwd=dHllaDN4Z3FIUG92T1hVU09rTjFWQT09>

Webinar ID: 873 2152 5865

Password: 771277

Dial In: +1 646 558 8656 US (New York)

AGENDA

- Introductions
- Approval of April 17, 2024 Meeting Minutes
- Opportunity for Public Comment
- Transportation Improvement Program (TIP)
 - **Potential Action:** Approval of Proposed Amendment #7 to the FFY 2024 to FFY 2028 TIP Highway List
 - **Potential Action:** Approval of FFY 2025 to FFY 2029 TIP
- FFY 2025 Unified Planning Work Program (UPWP)
 - **Potential Action:** Release of Draft FFY 2025 UPWP for 21-Day Public Review and Comment Period
- Coordinated Public Transit Human Service Transportation Plan
 - **Potential Action:** Release of Draft Coordinated Public Transit Human Service Transportation Plan for 21-Day Public Review and Comment Period
- June CMMPO Meeting Date Discussion
- Staff Updates
 - Federal Grants
- New Business
- Next Meetings:
 - CMMPO Advisory Committee meeting (virtual) – May 22, 2024 at 3:00 PM
 - CMMPO meeting (virtual) – TBD
- Adjournment

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CMMPO Advisory Committee



Meeting of the Central Massachusetts Metropolitan Planning Organization Advisory Committee

Date: Wednesday, **January 24**, 2024

Time: **3:00 PM**

Place: Zoom Webinar Virtual Meeting

Connection details are on the bottom of this agenda and in the meeting announcement email. Additional meeting materials can be found through the CMRPC web calendar:

<http://cmrpc.org/cmm-po-advisory-committee-meeting-27>

AGENDA

- Around the Room Introductions
- Approval of **January 3, 2024** Meeting Minutes
- Transportation Improvement Program (TIP)
 - **ACTION ITEM:** Seeking recommendation concerning CMMPO endorsement of the Proposed Amendment #3 to the 2024-2028 TIP Highway & Transit Project Listing
 - FFY 2025 MicroProjects Updates
 - FFY 2029 TIP Candidate Project Presentations Summary
- Transportation Safety in the CMRPC Region
 - Presentation
- CY 2024 Safety Performance Measures (PM1)
 - **ACTION ITEM:** Seeking recommendation concerning CMMPO adoption of the State's Safety Targets
- Advisory Committee Bylaws
 - **ACTION ITEM:** Adopt the new revised version of the Committee's Bylaws
- Staff Updates
 - Federal & State Funding Opportunities
- New Business
- Next Meetings:
 - CMMPO Advisory Committee meeting (virtual) – Wednesday, February 28, 2024 at 3:00 PM
 - CMMPO Meeting (virtual) – Wednesday, February 21, 2024 at 4:00 PM
- Adjournment

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Zoom Meeting Details

Join Zoom Webinar

<https://us02web.zoom.us/j/88095896432?pwd=SElWamFWTGhN1hiY2R5Z0Judz09>

Webinar ID: 880 9589 6432

Passcode: 739190

By phone: +1 646 558 8656 US (New York)



Meeting of the Central Massachusetts Metropolitan Planning Organization Advisory Committee

Date: Wednesday, **February 28**, 2024

Time: **3:00 PM**

Place: Zoom Webinar Virtual Meeting

Connection details are on the bottom of this agenda and in the meeting announcement email. Additional meeting materials can be found on the CMRPC website: [CMMPO Advisory Committee - CMRPC](#)

AGENDA

- Around the Room Introductions
- Approval of **January 24, 2024** Meeting Minutes
- 2024-2028 Transportation Improvement Program (TIP)
 - **ACTION ITEM:** Seeking recommendation concerning CMMPO endorsement of the Proposed Amendment #4 to the 2024-2028 TIP Highway Project Listing
- 2025-2029 Transportation Improvement Program (TIP)
 - 2025-2029 TIP Readiness Day Updates
 - FFY 2029 TIP Potential Candidate Project – Performance Management Scoring Review
 - **ACTION ITEM:** Seeking recommendation concerning the ranking of FFY 2029 projects
 - TIP Design Funding Update
 - TIP/UPWP Guidance Summary
- Community Transportation Data / Project Services
 - Presentation
- Staff Updates
 - Safe Streets 4 All Grant Updates
 - Other Federal & State Grants Updates
- New Business
- Next Meetings:
 - CMMPO Advisory Committee meeting (virtual) – Wednesday, March 27, 2024 at 3:00 PM
 - CMMPO Meeting – Wednesday, March 20, 2024 at 4:00 PM
- Adjournment

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Zoom Meeting Details

Join Zoom Webinar

<https://us02web.zoom.us/j/89567502088?pwd=VXdPcnJRZ0lwRDhGTjZ4Sm9kbkZUT09>

Webinar ID: 895 6750 2088

Passcode: 253883

By phone: +1 646 558 8656 US (New York)



Meeting of the Central Massachusetts Metropolitan Planning Organization Advisory Committee

Date: Wednesday, **March 27**, 2024

Time: **3:00 PM**

Place: Zoom Webinar Virtual Meeting

<https://us02web.zoom.us/j/88095896432?pwd=SElWamFWTGhY2R5Z0Judz09>

Additional meeting materials can be found through the CMRPC web calendar:

AGENDA

- Around the Room Introductions
- Approval of **February 28, 2024** Meeting Minutes
- Transportation Improvement Program (TIP)
 - **ACTION ITEM:** Seeking recommendation concerning CMMPO endorsement of the Proposed Amendment #5 to the 2024-2028 TIP Highway & Transit Project Listing
 - **ACTION ITEM:** Seeking recommendation to the CMMPO concerning Draft Options for the 2029 TIP Highway Target Projects
 - Review of the 2025 – 2029 Statewide Highway Project Listing
 - Review of the 2025 – 2029 Transit Project Listing
- FFY 2025 Unified Planning Work Program (UPWP)
 - Budget and Major Task Listing
- CMRPC Active Transportation Overview
 - Presentation
- Staff Updates
 - Federal & State Funding Opportunities
- New Business
- Next Meetings:
 - CMMPO Advisory Committee meeting (virtual) – Wednesday, April 24, 2024 at 3:00 PM
 - CMMPO Meeting (virtual) – Wednesday, April 17, 2024 at 4:00 PM
- Adjournment

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Meeting of the Central Massachusetts Metropolitan Planning Organization Advisory Committee

Date: Wednesday, **April 24**, 2024

Time: **3:00 PM**

Place: Zoom Webinar Virtual Meeting

<https://us02web.zoom.us/j/88095896432?pwd=SElWamFWTGhY2R5Z0Judz09>

Additional meeting materials can be found through the CMRPC web calendar:

AGENDA

- Around the Room Introductions
- Approval of **March 27, 2024** Meeting Minutes
- Transportation Improvement Program (TIP)
 - **ACTION ITEM:** Seeking recommendation concerning CMMPO endorsement of the Proposed Amendment #7 to the 2024-2028 TIP Highway & Transit Project Listing
 - **ACTION ITEM:** Seeking recommendation to the CMMPO concerning endorsement of the Draft 2025-2029 TIP
- MassDOT Beyond Mobility Update
- MassDOT Capital Investment Plan (CIP) Presentation
- CMRPC Community Snapshots Presentation
- Staff Updates
 - Bay State Bike Month Activities
 - Federal & State Funding Opportunities
- New Business
- Next Meetings:
 - CMMPO Advisory Committee meeting (virtual) – Wednesday, May 22, 2024 at 3:00 PM
 - CMMPO Meeting (virtual) – Wednesday, May 15, 2024 at 4:00 PM
- Adjournment

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Passcode: 739190

By phone: +1 646 558 8656 US (New York)

TIP Consultation & Outreach Efforts

Scheduled Meetings

CMMPO Advisory Committee: monthly meetings on a wide range of CMMPO topics. Membership includes several diverse groups including Central Mass Agency on Aging, Worcester Division of Public Health, the WRTA, MassBike, AARP, Blackstone Watershed Coalition, and Center for Living and Working.

Host Community Project Presentations to CMMPO, January 17, 2024

Annual TIP Community Outreach Correspondence, January 5, 2024

MassDOT “TIP Readiness Days”, February 6, 2024

Congestion Mitigation & Air Quality Conformity Consultation Meetings, February 20, 2024

Environmental Consultation Overview Public Meeting, April 4, 2024 (held virtually)

Draft TIP Public Meeting, May 7, 2024 (held virtually)

Ongoing Interactions

Worcester Division of Public Health (DPH), Central Mass Regional Public Health Alliance: Healthy and active living for Worcester and surrounding towns.

MassDOT Office of Transportation Planning (OTP): Ongoing TIP development guidance.

Highway Safety Improvement Program (HSIP): Staff attendance, participation, and leadership.

Statewide Rail & Freight Plan Updates: Staff attendance and participation in statewide meetings.

MassDOT Highway Division Districts #2 & #3: Ongoing TIP development meetings.

495/MetroWest Partnership: Ongoing meetings with staff participation.

Mass in Motion: Staff participation as needed.

John H. Chafee Blackstone River Valley National Heritage Corridor Commission (JHCBRVNHCC): Blackstone River Valley Bikeway.

Safe Routes to School (SRTS): Staff participating in the program and activities.

MassBike: Ongoing work regarding E-Bike program.

Southern Worcester Economic Development Organization (SWEDO): Ongoing meetings with staff participation.

Boston-Worcester Air Line Trail (BWALT): Ongoing interactions with the town of Westborough.

2025 – 2029 TIP Development Summary of Correspondence from Regional Communities and Other Active Participants

- Town of East Brookfield (MassDOT)
- Town of Oxford
- Town of Rutland (MassDOT)
- Town of Southbridge
- Town of Spencer (MassDOT)
- Town of Sturbridge (MassDOT)
- Town of Upton (MassDOT)
- Town of Uxbridge
- Town of West Brookfield
- Town of Westborough
- City of Worcester
- 495/MetroWest Partnership

T.I.P. PROJECT STATUS UPDATE

Date : January 5, 2024

Project Number: 612629

Town/City : East Brookfield & Spencer

MDOT DISTRICT: 3

Project Name :

EAST BROOKFIELD AND SPENCER- RESURFACING AND RELATED WORK ON ROUTE 9

STATUS

Design Level : 25%

Engineers Estimate : \$8,050,000.00

PRC Approved ? 2/10/22

TIP Schedule :

Is the Project eligible for "HSIP" ? no

Is the Project eligible for "CMAQ" ? Yes

Has an RSA been held/scheduled : no

Does the Project comply with Healthy Transportation Policy ? Yes

Project Overview :

The project involves resurfacing, sidewalk construction and reconstruction, a buffered bike lane, improvements to signage and pavement markings and related work. The project limits extend from just west of the Route 49 intersection in Spencer to the Brookfield Town line. The project will tie into project #613097, the concrete Roundabout at the intersection of Rt. 9 and Rt. 49.

This project is being deactivated. This section of Route 9 will be resurfaced under a Districtwide resurfacing contract. In addition to resurfacing, the work will include sidewalk and pedestrian ramp reconstruction as well as updates to signage and pavement markings. No changes to the edge of road are anticipated.

Regional Significance :

Route 9 is a major East/West corridor in the Region.

What Permits and/or ROW are anticipated :

Some ROW and permitting are anticipated

Are there EJ Concerns

no

Are there ED Benefits :

Can the Project be PHASED :

This is already a phased section of Rt. 9

What is Next in the Schedule :

This project is being deactivated. This section of Route 9 will be resurfaced under a Districtwide resurfacing contract.

CENTRAL MASS REGIONAL PLANNING COMMISSION—MPO & AC

T.I.P. PROJECT STATUS UPDATE

Date :			1/10/2024		
Project Number:	611988	Town/City :	Oxford	MDOT DISTRICT:	3
Project Name : Main Street (Route 12) Corridor Improvements					
STATUS					
Design Level :		Pre-25%		Engineers Estimate : \$11,175,000	
PRC Approved ?		Yes		TIP Schedule : FFY 2028	
Is the Project eligible for "HSIP" ?		No		Is the Project eligible for "CMAQ" ? No	
Has an RSA been held/scheduled :		N/A		Does the Project comply with Healthy Transportation Policy ? Yes	

Project Overview :

The overarching goal of the project is to reimagine Oxford's downtown to promote multimodal travel and develop a safer, more accessible corridor for all modes and roadway users of all abilities. The work includes but is not limited to: implementation of "Complete Streets" elements including separated bike facilities, new ADA/AAB compliant sidewalks and curb ramps, and new bus transit stops; traffic calming measures including "roadway dieting" to reduce overall pavement widths; drainage system improvements; roadway resurfacing and pavement markings; traffic and pedestrian traffic signal reconstruction at the intersection of Main Street/Sutton Ave/Charlton St; landscaping and beautification.

The projects construction cost estimate has increased since the original construction cost estimate was prepared in 2020. The above figure represents the latest estimate as the design advances through the 25% design process.

Regional Significance :

Main Street (Route 12) through Oxford is classified as a minor arterials and carries significant traffic (12,683 VPD south of Sutton Ave/Main St, 16,188 VPD north of Sutton Ave/Main St) from points north and south of downtown, including neighboring communities. The corridor has seen an uptick in traffic volumes over the years due to increased congestion on the Mass Pike and I-395. Motorists routinely circumvent said congestion by utilizing Route 12 instead. Increased traffic volumes present increased probability of conflicts with pedestrians and other modes of travel. This project aims to slow vehicular speeds through the corridor via traffic calming measures, thereby improving safety for all roadway users.

What Permits and/or ROW are anticipated :	Potential section 106 review, minimal ROW impacts, mostly temporary easements, given wide Town layout (105'-115')
Are there EJ Concerns	The southern half of the project limits fall within an EJ population. The project stands to benefit the EJ population and community at large through enhanced multi-modal accommodations; including safer, ADA/AAB compliant pedestrian facilities, transit access, and traffic calming measures along Main Street.
Are there ED Benefits :	The project will provide significant ED benefits given enhanced multi-modal accommodations, namely pedestrian facilities, that will improve walkability downtown which has been linked to heightened economic activity.
Can the Project be PHASED :	No, the project will happen in 1 phase to limit construction period disruption in the downtown center.
What is Next in the Schedule :	Pre-25% design submission Jan 2023, 25% design submission late winter/early Spring 2024, 25 design public hearing Spring 2024, 75% design/permitting applications Summer 2025, 100% design & PS&E submission 2026, FY2028 TIP Advertisement late Fall 2027.

CENTRAL MASS REGIONAL PLANNING COMMISSION—MPO & AC

T.I.P. PROJECT STATUS UPDATE

		Date :	1/2/24
Project Number:	613655	Town/City :	Rutland
		MDOT DISTRICT:	3
Project Name :	RUTLAND- INTERSECTION IMPROVEMENTS AT ROUTE 122 AND PLEASANTDALE ROAD		
STATUS	Design Level :	Pre-25%	Engineers Estimate :
			\$3,013,900
	PRC Approved ?	12/14/23	TIP Schedule :
			TBD
Is the Project eligible for "HSIP" ?	no		Is the Project eligible for "CMAQ" ?
			no
Has an RSA been held/scheduled :	no		Does the Project comply with Healthy Transportation Policy ?
			Not fully

Project Overview :

The intersection of Route 122/Barre Paxton Road at Pleasantdale Road has been identified as having speed and safety issues. To more fully address these concerns MassDOT will upgrade the traffic control at the intersection or possibly construct a roundabout at this location. This location is not currently a high Crash location but was in 2017-2019.

Regional Significance :

Rt. 122 through Rutland provides a connection between the Northwest area of the Central Mass Region and the City of Worcester.

What Permits and/or ROW are anticipated :	The full extent of required permits and ROW will be determined as the design progresses.
Are there EJ Concerns	no
Are there ED Benefits :	None documented.
Can the Project be PHASED :	Not necessary.
What is Next in the Schedule :	Pre 25%

CENTRAL MASS REGIONAL PLANNING COMMISSION—MPO & AC

T.I.P. PROJECT STATUS UPDATE

Date :		January 17, 2024	
Project Number:	608778	Town/City:	Southbridge
		MDOT DISTRICT:	3
Project Name:	Intersection Improvements at Central Street, Foster Street, Hook Street and Hamilton Street.		
STATUS	Design Level:	PS&E	Engineers Estimate :
			\$8.3m
	PRC Approved ?	Yes	TIP Schedule :
			FY 2024
Is the Project eligible for "HSIP" ?	Yes		Is the Project eligible for "CMAQ" ?
			Yes
Has an RSA been held/scheduled :	Yes, Oct 2016		Does the Project comply with Healthy Transportation Policy ?
			DJW approved

Project Overview : The project is in the heart of downtown Southbridge and realigns LaRochelle Way to intersect with Hamilton Street and Central Street; approximately 800-linear feet not including side streets. A mini-roundabout is proposed at the Hamilton Street intersection and a signalized intersection is proposed at the Central Street intersection. Hook Street at Central Street would become a one-way street from Central Street, and Foster Street would be discontinued at North Street. This intersection was subject of a RSA in October 2016 and the proposed improvements were included in the medium and long term mitigation. A new roadway connection will be provided between Foster Street and Central Street at the proposed signalized intersection, extending LaRochelle Way to Foster Street. The proposed traffic signal at Central Street would include protected pedestrian phasing and a separate crossing for the future proposed Quinebaug Valley Rail Trail.

The Town is also proposing to contribute funds to replace the existing water mains on Hamilton, Central and Foster Streets. Anticipated project cost has increased as a result of increases in material unit prices.

Regional Significance:

These improvements have been a subject in Town for numerous years and are part of the Redevelopment Authority's vision for the downtown area to promote economic development. Hamilton Street and Central Street are both spurs from Main Street/ Route 131 that provide access through downtown and to the numerous businesses and residences that line these streets. A portion of the proposed Quinebaug Valley Rail Trail is within the project limits.

What Permits and/or ROW are anticipated:	Permits: RDA, work in Quinebaug River Buffer, and Relocation of Hiker Monument (Local Historic). ROW: PUE, Takings, and Temporary Easements. Commonwealth owns old rail bed where LaRochelle Way proposes to extend to Foster St.
Are there EJ Concerns	The entire project area is located within a Minority/Low Income population area. The project is not expected to negatively impact this population.
Are there ED Benefits:	The Town sees this as an opportunity to revitalize this section of Downtown and is identified in the Town's Redevelopment Plan.
Can the Project be PHASED:	No.
What is Next in the Schedule:	The PS&E is scheduled to be submitted in January 2023.

CENTRAL MASS REGIONAL PLANNING COMMISSION—MPO & AC

T.I.P. PROJECT STATUS UPDATE

		Date :	January 5, 2024
Project Number:	613097	Town/City :	Spencer
		MDOT DISTRICT:	3
Project Name :	Intersection Improvements at Route 9 and Route 49		
<u>STATUS</u>			
Design Level :	25%	Engineers Estimate :	\$5,002,500.00
PRC Approved ?	12/20/22	TIP Schedule :	
Is the Project eligible for "HSIP" ?	no	Is the Project eligible for "CMAQ" ?	no
Has an RSA been held/scheduled :	no	Does the Project comply with Healthy Transportation Policy ?	yes

Project Overview :

The project entails improvements at the intersection of Route 9 and Route 49 in the Town of Spencer. The work involves construction of a cement concrete roundabout, improved bike and pedestrian accommodations, lighting, and upgrades to drainage, pavement markings and signage.

Regional Significance :

Route 9 is a major East/West Corridor in the Region.

What Permits and/or ROW are anticipated :	None or minimal ROW is anticipated.
Are there EJ Concerns	no
Are there ED Benefits :	Will provide bike and ped accommodation where the currently are none.
Can the Project be PHASED :	no
What is Next in the Schedule :	The intersection was pulled out of the larger Rt. 9 project. An updated schedule is still anticipated.

CENTRAL MASS REGIONAL PLANNING COMMISSION—MPO & AC

T.I.P. PROJECT STATUS UPDATE

Date :		January 5, 2024	
Project Number:	611933	Town/City :	Sturbridge
		MDOT DISTRICT:	3
Project Name :	STURBRIDGE- ROUNDABOUT CONSTRUCTION AT THE INTERSECTION OF ROUTE 20 AND ROUTE 131		
STATUS			
Design Level :	Pre-25%	Engineers Estimate :	\$6,004,100
PRC Approved ?	9/24/2020	TIP Schedule :	2026
Is the Project eligible for "HSIP" ?	no	Is the Project eligible for "CMAQ" ?	partial
Has an RSA been held/scheduled :	no	Does the Project comply with Healthy Transportation Policy ?	yes

Project Overview :

Sturbridge - Route 20 Corridor improvements including a proposed roundabout at Rt. 131 intersection and a shared use path.

Regional Significance :

This project will provide roadway improvements near the regionally significant I-84 and Rt. 20 interchange and therefore have a regional benefit. Providing bicycle and pedestrian accommodations in this area will also provide a regional benefit.

What Permits and/or ROW are anticipated :	The project is expected to be within the existing highway layout but some minor easements and takings may be required.
Are there EJ Concerns	The project is not in or near an EJ area.
Are there ED Benefits :	The corridor improvements were developed as part of the Town of Sturbridge's Commercial Tourist District plan which envisioned improvements to the corridor for improving the entire corridor and enhancing the economic benefits of the corridor.
Can the Project be PHASED :	no
What is Next in the Schedule :	25% design submission anticipated in the spring of 2024.

CENTRAL MASS REGIONAL PLANNING COMMISSION—MPO & AC

T.I.P. PROJECT STATUS UPDATE

		Date :	January 5, 2024
Project Number:	608456	Town/City :	Upton
		MDOT DISTRICT:	3
Project Name :	UPTON- CULVERT REPLACEMENT, MILFORD STREET (ROUTE 140) OVER UNNAMED TRIBUTARY TO CENTER BROOK		
STATUS			
Design Level :	25%	Engineers Estimate :	\$1,270,000
PRC Approved ?	2/11/2016	TIP Schedule :	2026
Is the Project eligible for "HSIP" ?	no	Is the Project eligible for "CMAQ" ?	no
Has an RSA been held/scheduled :	no	Does the Project comply with Healthy Transportation Policy ?	N/A

Project Overview :

Existing dual culvert crossing (30" and 48" diameters), to be replaced with a 6'wx5'hx64'l box culvert. Associated drainage improvements and utility relocations.

Regional Significance :

Route 140 is the primary North/South route through the region and keeping it open at this location will benefit the region.

What Permits and/or ROW are anticipated :	Limited ROW anticipated, permitting will likely be WPA, 401,404 and NEPA (if we get FA funding).
Are there EJ Concerns	The project is not in or near an EJ area.
Are there ED Benefits :	N/A
Can the Project be PHASED :	No
What is Next in the Schedule :	25% design is under review with a DPH to be scheduled once 25% plans are approved.

CENTRAL MASS REGIONAL PLANNING COMMISSION—MPO & AC

T.I.P. PROJECT STATUS UPDATE

Date : January 3, 2024

Project Number: 608171

Town/City : Uxbridge

MDOT DISTRICT: 3

Project Name :

Reconstruction of Route 122 (South Main Street) from Susan Parkway to Route 16

STATUS

Design Level : PS&E

Engineers Estimate : \$11,500,000

PRC Approved ? Yes. 3/03/15

TIP Schedule : 2024

Is the Project eligible for "HSIP" ? No

Is the Project eligible for "CMAQ" ? No

Has an RSA been held/scheduled : Not required

Does the Project comply with Healthy Transportation Policy ? Yes

Project Overview :

This project will complement improvements to the Route 122 corridor undertaken on North Main Street under MassDOT project 604948. That project includes roadway, sidewalk and drainage improvements on North Main Street from Route 16 to East Hartford Avenue. The objective of the South Main Street project is to improve roadway conditions and safety by providing a more efficient and consistent roadway cross section, providing ADA compliant sidewalks/curb ramps and adding bicycle lanes. Storm drainage improvements will also be incorporated.

The South Main Street project consists of pavement rehabilitation including milling/overlay and reclamation, minor widening, installation of new sidewalks on both sides of the road, installation of new curb ramps, installation of granite curbing, modification of the storm drain system, construction and/or rebuilding of retaining walls and associated signs and pavement markings. The proposed cross section consists of an 11 foot travel lane and 5 foot bicycle lane in each direction with sidewalks on both sides. The project is programmed in the 2024 TIP.

Regional Significance :

The South Main Street (Route 122) corridor provides a regional connection between the Blackstone Valley and Rhode Island to the south and Central Massachusetts to the north. It also provides a connection to Route 146, a major highway serving Rhode Island and Central Massachusetts. It serves both local and regional traffic.

What Permits and/or ROW are anticipated :

Order of Conditions - Town of Uxbridge Conservation Commission, Pre-Construction Notification with ACOE. Temporary& Permanent easements, layout alterations

Are there EJ Concerns

No. The corridor does not serve an EJ community

Are there ED Benefits :

Yes. The corridor provides a regional connection between the communities of the Blackstone Valley and Rhode Island and Central Massachusetts. Future development in the region will benefit from the improved safety, mobility and operations provided by the project.

Can the Project be PHASED :

Project 608171 is the second phase of overall improvements to Route 122. The first phase is project 604948 which has been recently completed.

What is Next in the Schedule :

PS&E submission , February 2024.

CENTRAL MASS REGIONAL PLANNING COMMISSION—MPO & AC

T.I.P. PROJECT STATUS UPDATE

Date :		1/12/24	
Project Number:	610931	Town/City :	Uxbridge
		MDOT DISTRICT:	3
Project Name :	REHABILITATION OF ROUTE 16 (DOUGLAS STREET)		
<u>STATUS</u>			
Design Level :	25%	Engineers Estimate :	\$11.6M
PRC Approved ?	Yes	TIP Schedule :	2027
Is the Project eligible for "HSIP" ?	No	Is the Project eligible for "CMAQ" ?	Potentially (SUP)
Has an RSA been held/scheduled :	No	Does the Project comply with Healthy Transportation Policy ?	Yes

Project Overview :

The Town of Uxbridge is proposing an infrastructure project on Douglas Street that includes addressing the lack of bicycle accommodations and bringing the pavement and other roadway assets up to a state of good repair in an effort to support private business investment along the Route 16 corridor. Douglas Street (Rt 16) is a principal arterial serving as a major roadway in both a local and regional functional capacity, identified as a National Highway System (NHS) roadway.

Regional Significance:

Douglas Street (Rt 16) connects Uxbridge to the communities of Douglas & Mendon. Route 16 also serves as a connector to other major routes and highways such as Route 146 near the start of this project and I-495 to Northeast of Uxbridge in the Town of Milford.

What Permits and/or ROW are anticipated :	Temporary & Permanent Easements, Perm. Utility Easements, NOI (Potentially RDA only). minor taking for sidewalks
Are there EJ Concerns	No
Are there ED Benefits :	Yes, will connect proposed Amazon Dist. Facility to downtown
Can the Project be PHASED :	Yes
What is Next in the Schedule :	Currently resolving 25% comments. MassDOT 25% Design Public Hearing

T.I.P. PROJECT STATUS UPDATE

Date : January 12, 2024

Project Number: 606517

Town/City : WEST BROOKFIELD

MDOT DISTRICT: 2

Project Name :

RECONSTRUCTION OF ROUTE 9 FROM WARE TOWN LINE TO 850' WEST OF WELCOME ROAD (Phase 1)

STATUS

Design Level : PS&E

Engineers Estimate : \$9,000,000

PRC Approved ? Yes

TIP Schedule : 2024

Is the Project eligible for "HSIP" ? NO

Is the Project eligible for "CMAQ" ? NO

Has an RSA been held/scheduled : YES

Does the Project comply with Healthy Transportation Policy ? YES

Project Overview :

Phase 1 of the West Main Street (Route 9) resurfacing and related work project is a 1.1 mile pavement rehabilitation and widening project. The project will address safety concerns for all roadway users identified in a Road Safety Audit related primarily to the narrow width of the existing pavement, visibility, drainage deficiencies, signage etc. The project also consists of related items of work; including new signing, striping, guardrail replacement where necessary, and slope stabilization. A combination of cement concrete retaining walls and rockfill is proposed for slope stabilization in order to accommodate roadway widening. A design public hearing was held in April 2019. PS&E Design is in process and will be submitted January 2024. ROW Plans have been accepted and the Town is in the process of acquiring easements. Environmental permitting is in process with completion expected by February 2024.

Regional Significance :

Route 9 is a Principal Arterial providing access to surrounding communities within the region. Route 9 is part of the National Highway System.

What Permits and/or ROW are anticipated :

NOI, ENF and EIR are required. Permanent easements are required for rock slopes, walls, and drainage. Temp easements are required.

Are there EJ Concerns

Yes, project is within 1 mile of EJ area and meets thresholds for MEPA review. EIR has been filed. No negative impacts to EJ area have been identified.

Are there ED Benefits :

No

Can the Project be PHASED :

Yes, the original 2.1 mile project is now phased as two separate projects. Further phasing would not be practicable.

What is Next in the Schedule :

PS&E to be submitted in January 2024. Environmental permitting completion expected February 2024. Advertisement planned for March 2024.

T.I.P. PROJECT STATUS UPDATE

Date : January 12, 2024

Project Number: 609049

Town/City : WEST BROOKFIELD

MDOT DISTRICT: 2

Project Name :

RESURFACING AND RELATED WORK ON ROUTE 9 FROM 850' WEST OF
WELCOME ROAD TO PIERCE ROAD (Phase 2)**STATUS**

Design Level : 75%

Engineers Estimate : \$7,600,000

PRC Approved ? Yes

TIP Schedule : 2025

Is the Project eligible for "HSIP" ? NO

Is the Project eligible for "CMAQ" ? NO

Has an RSA been held/scheduled : YES

Does the Project comply with Healthy Transportation Policy ? YES

Project Overview :

Phase 2 of the West Main Street (Route 9) resurfacing and related work project is a 1.0 mile pavement rehabilitation and widening project. The project will address safety concerns for all roadway users identified in a Road Safety Audit related primarily to the narrow width of the existing pavement, visibility, drainage deficiencies, signage etc. The project also consists of related items of work; including new signing, striping, guardrail replacement where necessary, and slope stabilization. A combination of cement concrete retaining walls and rockfill is proposed for slope stabilization to accommodate roadway widening. A design public hearing was conducted in December 2020. MassDOT issued 75% comments in December 2021. The project is in the 100% Design stage with 100% Submission due February 2024. ROW Plans have been approved. Environmental permitting is in process with completion expected by Spring 2024.

Regional Significance :

Route 9 is a Principal Arterial providing access to surrounding communities within the region. Route 9 is part of the National Highway System.

What Permits and/or ROW are anticipated :

NOI, ENF and EIR are required. Permanent easements are planned for rock slopes, walls, and drainage. Temporary easements will be required.

Are there EJ Concerns

Yes, project is within 1 mile of EJ area and meets thresholds for MEPA review. EIR has been filed. No negative impacts to EJ area have been identified.

Are there ED Benefits :

No

Can the Project be PHASED :

Yes, the original 2.1 mile project is now phased as two separate projects. No further phasing of the project would be practicable.

What is Next in the Schedule :

100% Design submission anticipated February 2024. Environmental permitting completion expected Spring 2024.

CENTRAL MASS REGIONAL PLANNING COMMISSION—MPO & AC

T.I.P. PROJECT STATUS UPDATE

		Date :	1-15-24
Project Number:	612779	Town/City :	West Brookfield
		MDOT DISTRICT:	2
Project Name :	Route 9 Resurfacing and Related Work (Phase 3)		
STATUS			
Design Level :	Pre-25%	Engineers Estimate :	\$14,000,000
PRC Approved ?	Yes	TIP Schedule :	
Is the Project eligible for "HSIP" ?	No	Is the Project eligible for "CMAQ" ?	No
Has an RSA been held/scheduled :	No	Does the Project comply with Healthy Transportation Policy ?	Yes

Project Overview :

Route 9 Resurfacing and Related Work Phase 3 is a 1.6 mile pavement rehabilitation and widening project. The project will address safety concerns for all roadway users including narrow width of the existing pavement, visibility, drainage deficiencies, signage etc. Bicycle and pedestrian accommodations will be improved with minimum 5' shoulders and a new sidewalk is proposed in the residential area. The project also consists of related items of work; including new signing, striping, guardrail replacement where necessary, and slope stabilization. The project is currently in the Pre-25% Phase with data collection and survey baseplan nearly completed. A 10% Design submission is planned for Spring 2024 with a full 25% Design Submission anticipated in Fall 2024.

Regional Significance :

Route 9 is a Principal Arterial providing access to surrounding communities within the region. Route 9 is part of the National Highway System.

What Permits and/or ROW are anticipated :	NOI anticipated. ENF, EIR, 401 WQC and ACOE PCN are potential permits. Temporary and permanent easements are anticipated.
Are there EJ Concerns	Yes, project is within 1 mile of an Environmental Justice area and may meet threshold for MEPA review.
Are there ED Benefits :	No
Can the Project be PHASED :	This is Phase 3 of the Route 9 corridor owned by the Town. Further phasing would not be practical.
What is Next in the Schedule :	10% Design Submission planned for Spring 2024 followed by 25% Design Submission in the Fall 2024.

CENTRAL MASS REGIONAL PLANNING COMMISSION—MPO & AC

T.I.P. PROJECT STATUS UPDATE

		Date :	1/10/2024
Project Number:	613242	Town/City :	Westborough
		MDOT DISTRICT:	3
Project Name :	Westborough – East Main Street (Route 30) Improvements from Hastings Elementary School to Thomas Newton Drive		

<u>STATUS</u>	Design Level :	Concept	Engineers Estimate :	\$8,900,000
	PRC Approved ?	Pending	TIP Schedule :	TBD
Is the Project eligible for "HSIP" ?	TBD		Is the Project eligible for "CMAQ" ?	TBD
Has an RSA been held/scheduled :	TBD		Does the Project comply with Healthy Transportation Policy ?	Yes

Project Overview :

The purpose of this project is to improve multimodal connectivity and safety along East Main Street (Route 30), in Westborough, from Hastings Elementary School to Thomas Newton Drive. Proposed multimodal enhancements include the addition of a shared use path along East Main Street, which will provide pedestrian and bicycle connections for users of all abilities between neighborhoods, open spaces, recreational facilities, schools, US Post Office, senior facilities, Town center, and businesses located along on the north and south sides of Route 9. In addition, the intersection of East Main Street and Flanders Road, currently experiencing significant backups on Flanders Road during peak hours, will be evaluated to determine suitable improvements to be included in the project. Other intersections within the project limits shall also be evaluated for potential improvements, not limited to analyzing geometric, intersection controls, signalization, and roundabout alternatives where appropriate.

Regional Significance :

East main Street (Route 30) is a regionally significant heavily travelled urban minor arterial / rural major collector roadway with an ADT of 12,018 (from MassDOT Road Inventory). Route 30 runs west-east from Grafton, through Westborough and continues easterly into metropolitan Boston, and can serve as an alternative route of travel versus Route 9 and/or I-90. Within the project limits, Route 30 provides important connections between Westborough town center, the heavily commercialized Route 9 corridor, schools, senior housing, and the suburban neighborhoods.

What Permits and/or ROW are anticipated :	Environmental permits include NEPA CE Checklist and MGL Ch. 131. Potential MEPA jurisdiction will also be evaluated. Anticipated ROW takings are minimal.
Are there EJ Concerns	The project is located within minority and income related Environmental Justice (EJ) Population Areas. The project will improve accessibility and connectivity for all users and EJ populations. Public outreach will actively inform and involve all populations located within or affected by the project.
Are there ED Benefits :	Yes. The project will improve connectivity for all users to the economic areas of downtown Westborough and the heavily commercialized areas along Route 9.
Can the Project be PHASED :	Yes. The project could be segmented for phased construction at the Route 9 underpass, or other side street as determined necessary.
What is Next in the Schedule :	ICE Stage 2 for Flanders Rd Intersection. Community Outreach Meeting. Pre-Scoping & Pre-25% Design Requirements. Design Justification Workbook (DJW). Pre-25% Design.

CENTRAL MASS REGIONAL PLANNING COMMISSION—MPO & AC

T.I.P. PROJECT STATUS UPDATE

		Date :	January 13, 2023
Project Number:	608961	Town/City :	City of Worcester
		MDOT DISTRICT:	3
Project Name :	Chandler Street & May Street Intersection Improvements		
STATUS			
Design Level :	75%	Engineers Estimate :	\$7.7 Million
PRC Approved ?	Yes	TIP Schedule :	2025
Is the Project eligible for "HSIP" ?	Yes	Is the Project eligible for "CMAQ" ?	Yes
Has an RSA been held/scheduled :	Yes	Does the Project comply with Healthy Transportation Policy ?	Yes

Project Overview :

The project is in the Tatnuck Neighborhood of the City Worcester. Chandler Street is designated as Route 122 and it is a NHS Principal Arterial route with an ADT of over 17,000 per 2017 MassDOT counts. May Street is classified as a collector roadway. Both streets are under City jurisdiction. The 1,462 foot section of Route 122 abuts Worcester State University, Chandler Elementary Charter School, and the May Street Elementary School. The heavy volume of through traffic is creating concerns with the neighborhood and adjoining schools. WSU depends on the on-street parking which creates a significant number of pedestrian crossings. This project seeks to calm traffic in an effort to increase safety and pedestrian connectivity. Roundabouts are proposed for both the northern and southern intersections. A shared use path is proposed for pedestrian and bicycle accommodations. On-street parking is maintained where possible.

Regional Significance :

This corridor serves the Worcester Airport, the west side of the city, and has become a major commuter route from Paxton and surrounding towns. Project directly abuts Worcester State university which serves surrounding communities since many students are commuters.

What Permits and/or ROW are anticipated :	Permits: NOI. ROW: PUE, Takings, and Temporary Easements. UMass owns WSU property – City cannot take state property by eminent domain.
Are there EJ Concerns	The project is not located in EJ block group, but it is within a mile of an EJ population. The abutting schools likely serve the nearby EJ populations, who would benefit from increasing pedestrian safety.
Are there ED Benefits :	Yes. WSU is largest employer on West Side of city. WSU has 6,434 students and 567 employees.
Can the Project be PHASED :	No.
What is Next in the Schedule :	25% Design Review has been completed and reviewed. Design Public Hearing held in June 2022. Ongoing coordination with WSU was completed throughout 2023. 75% Design Submission anticipated May 2023.

T.I.P. PROJECT STATUS UPDATE

		Date :	1/19/2024
Project Number:	608990	Town/City :	City of Worcester
		MDOT DISTRICT:	3
Project Name :	Intersection Improvements and Resurfacing on Chandler Street, from Main Street to Queen Street (Phase 1)		
STATUS	Design Level :	Preliminary	Engineers Estimate :
			\$10.6 Million
	PRC Approved ?	Yes	TIP Schedule :
			2026
Is the Project eligible for "HSIP" ?	Yes		Is the Project eligible for "CMAQ" ?
			Yes
Has an RSA been held/scheduled :	Yes		Does the Project comply with Healthy Transportation Policy ?
			Yes

Project Overview :

The project is in a densely developed commercial and residential neighborhood in the City of Worcester. Chandler Street is designated as Route 122. It is designated as an NHS Principal Arterial route with an ADT of over 22,000 per 2018 MassDOT counts and is under City jurisdiction. The 3000-foot section of Route 122 abuts Chandler Elementary Community School, numerous small businesses, and residences. There are HSIP crash clusters for intersections, vehicles, cyclists, and pedestrians throughout this stretch of Route 122. This project seeks to improve corridor safety by implementing a road diet on Route 122, reducing the number of through vehicle lanes to one in each direction (from two) and introducing a center turn lane. Geometric and operational conflicts will be addressed at several intersections. State of the art signal equipment and controllers, with interconnect and video detection will be incorporated to manage traffic operations. Pedestrian crossing locations will be improved by adding curb extensions, compliant ADA ramps, refuge islands and flashing beacons, where applicable. Protected bicycle accommodations will be added throughout the corridor with sidewalk level separated cycle tracks. The project will also improve bus stop and streetscape amenities. On-street parking will necessarily be reduced to accommodate these changes but will generally be provided on one side of the street. Driveways will be reduced where possible. Project costs have been updated to reflect more design specificity and increasing construction costs.

Regional Significance :

This segment of Chandler Street is an arterial roadway that is used by residents and commuters alike traveling to the Worcester Central Business District, Union Station/WRTA Hub, Polar Park, I-290, and points east and west of Worcester. Also, there are many small businesses located along this stretch of the corridor.

What Permits and/or ROW are anticipated :	ROW: Minor Takings and Temporary Easements at isolated locations along Route 122.
Are there EJ Concerns	The project is located within or adjacent to a 2020 Census EJ population for minority, income and English isolation. The project will improve accessibility, mobility and safety for these communities.
Are there ED Benefits :	The neighborhood will benefit from improvements to the streetscape, and pedestrian and bike accommodations. Adverse impacts associated with traffic and safety will be
Can the Project be PHASED :	This project is the first phase of larger project for improvements to Chandler Street between Main Street and Park Avenue.
What is Next in the Schedule :	25% Design Submission anticipated by November 2024.

T.I.P. PROJECT STATUS UPDATE

		Date :	1/19/2024
Project Number:	612011	Town/City :	City of Worcester
		MDOT DISTRICT:	3
Project Name :	Chandler Street Resurfacing & Intersection Improvements, from Queen Street to Park Avenue (Phase 2)		
<u>STATUS</u>	Design Level :	Preliminary	Engineers Estimate :
			\$7.6 Million
	PRC Approved ?	Yes	TIP Schedule :
			2027
Is the Project eligible for "HSIP" ?	Yes		Is the Project eligible for "CMAQ" ?
			Yes
Has an RSA been held/scheduled :	Yes		Does the Project comply with Healthy Transportation Policy ?
			Yes

Project Overview:

The project is located in a densely developed commercial and residential neighborhood in the City of Worcester. Chandler Street is designated as Route 122, is a NHS Principal Arterial route with an ADT of over 22,000 per 2018 MassDOT counts, and is under City jurisdiction. The existing corridor generally consists of a 4-lane cross section with on-street parking. There are HSIP crash clusters for intersections, vehicles, cyclists, and pedestrians throughout the corridor. This phase 2 project, a westward extension of phase 1 (TIP project 608990), seeks to improve corridor safety by implementing a road diet on Route 122, reducing the number of through vehicle lanes to one in each direction (from two) and introducing center turn lanes. Geometric and operational conflicts will be addressed at several intersections, notably at the busy intersection of Park Avenue. Traffic operations will be improved by upgrading the existing outdated signal equipment and controllers and adding interconnect. Pedestrian crossing locations will be improved by virtue of reducing the cross-section width, as well as by adding curb extensions, ADA ramps, and median refuge islands where applicable. Protected bicycle accommodations will be added throughout the corridor with sidewalk level separated cycle tracks. The project will also improve bus stop locations and streetscape amenities. On-street parking will generally be provided on one side of the street. The number of curb cuts will be reduced where possible. Project costs have been updated to reflect more design specificity and increasing construction costs.

Regional Significance :

This segment of Chandler Street is an arterial roadway that is used by residents and commuters alike traveling to the Worcester Central Business District, Union Station/WRTA Hub, Polar Park, I-290, and points east and west of Worcester. Also, there are many small businesses located along the corridor.

What Permits and/or ROW are anticipated :	ROW: Minor Takings and Temporary Easements at isolated locations along Route 122.
Are there EJ Concerns	The project is located within or adjacent to a 2020 Census EJ population for minority, income and English isolation. The project will improve accessibility, mobility and safety for these communities.
Are there ED Benefits :	The neighborhood will benefit from improvements to the streetscape, and pedestrian and bike accommodations. Adverse impacts associated with traffic and safety will be
Can the Project be PHASED :	This project is the second phase of larger project for improvements to Chandler Street between Main Street and Park Avenue.
What is Next in the Schedule :	25% Design Submission anticipated by November 2024.

CENTRAL MASS REGIONAL PLANNING COMMISSION—MPO & AC

T.I.P. PROJECT STATUS UPDATE

		Date :	1/12/2024
Project Number:	613648	Town/City :	Worcester
		MDOT DISTRICT:	
Project Name :	Worcester- Intersection Improvements at Lake Avenue and Bigelow Davis Parkway		
STATUS	Design Level :	Preliminary	Engineers Estimate :
			\$4,500,000
	PRC Approved ?	Yes	TIP Schedule :
Is the Project eligible for "HSIP" ?	Yes		Is the Project eligible for "CMAQ" ?
Has an RSA been held/scheduled :	No		Does the Project comply with Healthy Transportation Policy ?
			Yes

Project Overview :

The goal of the project is to redesign and reconstruct the intersection at Lake Avenue and Bigelow Davis Parkway to reduce speeds, address safety, and create multi-modal access with a focus on vulnerable roadway users. This intersection is a top 5% HSIP crash intersection. The project provides important access to popular recreational destinations and is a major connector between downtown, Rte. 9, Rte 20, and the Town of Shrewsbury.

The project is within an Environmental Justice community. It is served by WRTA's local fixed route bus service. And while not within a ½ mile, it does connect directly to UMass Chan Medical School and UMass Medical Center.

Regional Significance :

This intersection is surrounded by park lands that are popular local and regional destinations. The eastern approach to the intersection is the driveway access to the MA Department of Conservation and Recreation's Quinsigamond State Park. Bigelow Davis Parkway is likewise surrounded by and provides direct access to Worcester's Lake Park.

It provides access to nearby commercial and employment centers along Rte. 9, Rte. 20, and the Town of Shrewsbury.

What Permits and/or ROW are anticipated :	Unknown. Design is in initial preliminary stage.
Are there EJ Concerns	This project will create a safer intersection and space for all uses. It will not negatively impact the neighborhood.
Are there ED Benefits :	No
Can the Project be PHASED :	No
What is Next in the Schedule :	Preliminary Design



495/METROWEST

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May 6, 2024

Mr. Kevin Krasnecky
Transportation Project Manager
Central Massachusetts Regional Planning Commission
1 Mercantile Street, Suite 520
Worcester, MA 01608

**RE: Central Massachusetts Metropolitan Planning Organization's Draft FY2025-2029
Transportation Improvement Program**

Dear Mr. Krasnecky,

On behalf of the 495/MetroWest Partnership, please accept the following as our comments to the Central Massachusetts Metropolitan Planning Organization (CMMPO) regarding the draft *Transportation Improvement Program* (TIP) for FY 2025 through FY 2029.

The 495/MetroWest Partnership is a unique public-private collaboration among businesses, municipalities, and other stakeholders focused on creating an environment that prepares for and cultivates sustainable growth across our thirty-six-community region. The Partnership accomplishes this by providing coordination, education, and advocacy for solutions to regional constraints. The key priorities that the Partnership addresses within the 495/MetroWest region are separate and unique but operate as part of an interrelated network of regional needs. These areas of focus include economic development, transportation, housing, energy and sustainable development, and water resources, among others.

Transportation challenges such as congestion, interchange capacity issues, and gaps in public transit coverage pose a major threat to the economic vitality of the region. Several indicators suggest the region would benefit from enhanced transportation infrastructure and transit investment, including the sharp rise in housing costs, the low rate of housing churn, and an increased emphasis on transit-oriented development alongside fixed transit routes in downtown settings reflected both in municipal planning efforts and promulgated regulations regarding the inclusion of by-right multifamily zoning in MBTA communities.

Last year, in accordance with our organization's 2022-2027 Strategic Plan, the Partnership's Transportation Committee convened a working group to review and update our organizational priorities for roadway projects in our region. We are pleased to note a number of these priorities are reflected in the draft *Transportation Improvement Program* (TIP) for FY 2025 through FY 2029.

Page 1 of 3

The Partnership greatly appreciates the investment in roadway infrastructure projects throughout the 495/MetroWest region in prior TIP cycles. In the current Draft TIP, the Partnership strongly supports the inclusion of the following funded projects at their designated year of funding and budgeted amounts:

FY: 2026

- 608456 Upton - Culvert Replacement, Milford Street (Route 140) Over Unnamed Tributary to Center Brook.

FY: 2027

- 613367 Westborough - Fisher Street Improvements (SRTS)

FY: 2029

- 613242 Westborough - Roadway Improvements on Route 30 (East Main Street), From Hastings Elementary School to Thomas Newtown Drive.

In addition to the highway projects mentioned above, the Partnership appreciates MPO funding for the Worcester Regional Transit Authority (WRTA) as they are a longstanding resource for the region. The WRTA has several projects listed in the TIP, and fulfilling these items would aid the RTA considerably in providing service to the many people who depend on it. The WRTA provides critical services to various populations, including commuters who come to work in our region on the commuter rail, and to regional residents who commute to work elsewhere in the 495/MetroWest or Greater Boston regions. In partnering with VIA, the WRTA has provided an innovative and cross-boundary transit service in the Partnership communities of Westborough and Shrewsbury, along with portions of Grafton and Southborough. Additionally, the WRTA is the only transit authority operating in our service region that plans to extend fare-free bus service through FY25.

The Partnership would like to express concern regarding projects that have been rescheduled to later years than previously planned. In particular, we are chagrined to see two projects in Shrewsbury moved from FY2026 to FY2028; these projects are of significant economic importance to the Town of Shrewsbury and the entire Route 20 corridor. Their delayed implementation could potentially impede crucial developments and hinder the region's overall transportation efficiency and safety. These projects include:

- 607764 Shrewsbury - Intersection & Signal Improvement at US 20 (Hartford Turnpike) at Grafton Street
- 610825 Shrewsbury - Rehabilitation & Box Widening on Route 20, From Route 9 to South Street

Further, we are concerned with planned delays in the following initiatives:

- 608490 Upton - Resurfacing and Related Work on Route 140 and Roundabout Construction at Route 140, Church Street and Grove Street (moved from FY25 to FY26)
- 61274 Shrewsbury/Worcester - Bridge Preservation, S-14 -021=W-44-115 (1RA & 1RB), I-290 (EB And WB) Over Combination of Lake Quinsigamond and Lake Avenue North (moved from FY24 to FY25)

Finally, the Partnership notes the following project does not appear to be included in the FY25-FY29 document beyond analysis of its GHG emissions; we strongly encourage its inclusion within its originally-programmed year of FY26:

- 612510 Grafton - Bridge Replacement, G-08-020, (SR 140) Shrewsbury Street Over MBTA/CSX Railroad

The Partnership will continue to highlight the I-495/Route 9 Interchange, which shares a boundary with the Boston MPO, as a long-standing priority of the region that deserves a renewed focus given its proximity to the I-495/I-290 interchange and I-495/I-90 interchange. CMRPC has historically played a crucial role in the design and visioning process for a revamp of the interchange, which currently consists of complex weaving patterns and vehicular queuing during peak AM and PM travel hours due to substandard off-ramps. The interchange itself has been featured as a MassDOT Top 60 Crash Location site several times within the last fifteen years and has been included on the Partnership's roadway projects of concern in our region.

We thank you for your consideration of our comment letter. Should there be questions regarding our commentary, please feel free to contact me at any time, (774)-760-0495 or by email at jason@495partnership.org.

Sincerely,



Jason Palitsch
Executive Director
The 495/MetroWest Partnership

Supplemental Project Listing

THE CENTRAL MASSACHUSETTS METROPOLITAN PLANNING ORGANIZATION (CMMPO)
CMMPO ENDORSED 2025-2029 TRANSPORTATION IMPROVEMENT PROGRAM (TIP) PROJECT LISTING

*** LISTED COSTS INCLUDE ALL NECESSARY CONTINGENCIES AS PER FHWA**

FFY	MHD PRC#	MUNICIPALITY	FACILITY	DESCRIPTION	PM SCORE	COST IN MILLIONS \$*				FUND
						TOTAL COST	FEDERAL COST	STATE COST	LOCAL COST	
SUPPLEMENTARY PROJECT LISTING										
UNPROGRAMMED PROJECTS RECOGNIZED BY THE CMMPO (INFORMATION ONLY, SUBJECT TO FUNDING AVAILABILITY)										
POTENTIAL PROJECT PROPOSALS FOR FURTHER EVALUATION										POTENTIAL SOURCE
TBD	613105	AUBURN	I-290 BRIDGE, A-17-036 (1QN,1QP)	DECK REPLACEMENT OVER STATE ROUTE 12		8.655	6.924	1.731		BRIDGE
TBD	608331	AUBURN/STURBRIDGE	PODUNK RD & BRYN MAWR AVE	CLEANING/PAINTING OVER I-90		0.885	0.708	0.177		BRIDGE
TBD	612520	BARRE	STATE ROUTE 62 BRIDGE, B-02-017	BRIDGE REPLACEMENT OVER CANESTO BROOK		4.021	3.217	0.804		BRIDGE
TBD	612886	DUDLEY	BRANDON RD BRIDGES, D-12-004 & D-12-027	BRIDGE REPLACEMENT OVER FRENCH RIVER & MILL RACE CANAL		6.235	4.988	1.247		BRIDGE
TBD	608332	GRAFTON	SNOW ROAD & BRIGHAM HILL ROAD	CLEANING/PAINTING OVER I-90		0.885	0.708	0.177		BRIDGE
TBD	612086	MILLBURY	RHODES STREET BRIDGE, M-22-065	BRIDGE REPLACEMENT OVER SINGLETARY BROOK		0.892	0.714	0.178		BRIDGE
TBD	613299	SHREWSBURY	CENTECH BLVD BRIDGE, S-14-009	BRIDGE REPLACEMENT OVER PRATTS POND INLET		3.232	2.586	0.646		BRIDGE
TBD	612991	STURBRIDGE	ROUTE 20 & CHURCH STREET	DRAINAGE IMPROVEMENTS						UNKNOWN
TBD	605216	UXBRIDGE	SNETT	TRAIL CONSTRUCTION		1.159	0.927	0.232		UNKNOWN
TBD	613385	WEBSTER	I-395	PAVEMENT PRESERVATION		10.868	8.694	2.174		UNKNOWN
TBD	612648	WEBSTER/OXFORD/AUBURN	I-395	GUIDE & TRAFFIC SIGN REPLACEMENT		0.447	0.358	0.089		UNKNOWN
TBD	607701	WESTBOROUGH-SOUTHBOROUGH	ROUTE 9 IMPROVEMENTS AT I-495 & BRIDGE	BTWN COMPUTER DR TO CRYSTAL POND RD		40.250	32.200	8.050		RTP MAJOR
TBD	613183	WORCESTER	I-190/I-290 INTERCHANGE, W-44-100, W-44-101, & W-44-138	BRIDGE PRESERVATION		9.200	7.360	1.840		BRIDGE
TBD	613261	WORCESTER	LINCOLN STREET	TRANSIT INFRASTRUCTURE IMPROVEMENTS		3.335	2.668	0.667		UNKNOWN
TBD	613311	WORCESTER	MILLBURY STREET	BICYCLE AND PEDESTRIAN IMPROVEMENTS		0.486	0.389	0.097		UNKNOWN
TBD	613583	WORCESTER	GRAFTON STREET BRIDGE, W-44-063	BRIDGE REPLACEMENT OVER ROUTE 20		24.108	19.286	4.822		BRIDGE

Highway Operations & Maintenance Chart

Operating and Maintenance Expenditures as of March 2024						
Statewide and District Contracts plus Expenditures within MPO boundaries						
Program Group/Sub Group	Est SFY 2024 Spending	Est SFY 2025 Spending	Est SFY 2026 Spending	Est SFY 2027 Spending	Est SFY 2028 Spending	
Part 1: Non-Federal Aid						
Section I - Non Federal Aid Maintenance Projects - State Bondfunds						
01 - ADA Retrofits						
Sidewalk Construction and Repairs	\$ 2,527,973	\$ 1,154,109	\$ -	\$ -	\$ -	
02 - Bicycles and pedestrians program						
Bikeway/Bike Path Construction	\$ -	\$ -	\$ -	\$ -	\$ -	
03 - Bridge						
Bridge Maintenance	\$ 38,823,388	\$ 30,607,721	\$ 14,961,883	\$ 1,113,028	\$ -	
Bridge Maintenance - Deck Repairs	\$ 10,003,534	\$ 10,139,124	\$ 7,440,018	\$ 546,417	\$ -	
Bridge Maintenance - Joints	\$ 1,622,979	\$ 1,888,486	\$ 1,573,739	\$ -	\$ -	
Bridge Preservation	\$ 12,420,609	\$ 10,425,512	\$ 5,129,556	\$ 692,413	\$ -	
Bridge Replacement	\$ -	\$ 598,754	\$ 1,796,261	\$ 299,377	\$ -	
Drawbridge Maintenance	\$ 8,369,008	\$ 6,317,237	\$ 2,625,000	\$ 515,007	\$ -	
Painting - Structural	\$ 839,566	\$ 835,547	\$ 1,260,216	\$ 210,036	\$ -	
Structures Maintenance	\$ (43,962)	\$ -	\$ -	\$ -	\$ -	
04 - Capacity						
Highway Relocation	\$ -	\$ -	\$ -	\$ -	\$ -	
Hwy Reconstr - Added Capacity	\$ -	\$ -	\$ -	\$ -	\$ -	
Hwy Reconstr - Major Widening	\$ -	\$ -	\$ -	\$ -	\$ -	
05 - Facilities						
Vertical Construction (Ch 149)	\$ 17,976,879	\$ 4,651,566	\$ 1,609,386	\$ 206,609	\$ -	
07 - Intersection Improvements						
Traffic Signals	\$ 3,682,661	\$ 2,380,658	\$ 2,014,210	\$ 102,122	\$ -	
08 - Interstate Pavement						
Resurfacing Interstate	\$ -	\$ -	\$ -	\$ -	\$ -	
09 - Intelligent Transportation Systems Program						
Intelligent Transportation System	\$ -	\$ -	\$ -	\$ -	\$ -	
10 - Non-interstate DOT Pavement Program						
Milling and Cold Planing	\$ 5,369,210	\$ -	\$ -	\$ -	\$ -	
Resurfacing	\$ 26,463,372	\$ 15,822,396	\$ 7,243,191	\$ -	\$ -	
Resurfacing DOT Owned Non-Interstate	\$ 10,246,699	\$ 2,669,150	\$ 4,321,796	\$ 1,786,791	\$ -	
11 - Roadway Improvements						
Asbestos Removal	\$ -	\$ -	\$ -	\$ -	\$ -	
Catch Basin Cleaning	\$ 2,639,496	\$ 1,152,484	\$ 241,154	\$ -	\$ -	
Contract Highway Maintenance	\$ 14,260,788	\$ 14,433,780	\$ 7,827,224	\$ 942,840	\$ -	
Crack Sealing	\$ 1,120,385	\$ 874,404	\$ 845,600	\$ 51,969	\$ -	
Culvert Maintenance	\$ -	\$ -	\$ -	\$ -	\$ -	
Culvert Reconstruction/Rehab	\$ -	\$ -	\$ -	\$ -	\$ -	
Drainage	\$ 9,006,753	\$ 10,552,249	\$ 2,223,511	\$ -	\$ -	
Guard Rail & Fencing	\$ 8,074,789	\$ 5,566,800	\$ 3,198,449	\$ 246,000	\$ -	
Highway Sweeping	\$ 1,285,981	\$ 1,038,047	\$ 283,520	\$ -	\$ -	
Landscaping	\$ 661,954	\$ 997,891	\$ 844,696	\$ -	\$ -	
Mowing and Spraying	\$ 3,921,935	\$ 1,744,547	\$ 1,258,591	\$ 187,826	\$ -	
Sewer and Water	\$ 357,394	\$ -	\$ -	\$ -	\$ -	
Tree Trimming	\$ 4,155,926	\$ 4,285,897	\$ 2,775,495	\$ 572,870	\$ -	
12 - Roadway Reconstruction						
Hwy Reconstr - Restr and Rehab	\$ 3,999,753	\$ 50,053	\$ 30,590	\$ -	\$ -	
13 - Safety Improvements						
Electrical	\$ -	\$ -	\$ -	\$ -	\$ -	
Impact Attenuators	\$ 1,243,385	\$ 730,625	\$ 579,195	\$ 48,696	\$ -	
Lighting	\$ 4,327,624	\$ 3,549,482	\$ 1,974,433	\$ 78,087	\$ -	
Pavement Marking	\$ 5,034,163	\$ 2,880,555	\$ 1,164,804	\$ -	\$ -	
Safety Improvements	\$ -	\$ -	\$ -	\$ -	\$ -	
Sign Installation/Upgrading	\$ 1,904,647	\$ 749,713	\$ 533,787	\$ 65,026	\$ -	
Structural Signing	\$ 467,090	\$ 98,000	\$ -	\$ -	\$ -	
Section I Total:	\$ 200,763,979	\$ 136,194,787	\$ 73,756,305	\$ 7,665,114	\$ -	
Section II - Non Federal Aid Highway Operations - State Operating Budget Funding						
Snow and Ice Operations & Materials						
	\$ 75,000,000	\$ 95,000,000	\$ 95,000,000	\$ 95,000,000	\$ 95,000,000	
District Maintenance Payroll						
Mowing, Litter Mgmt, Sight Distance Clearing, Etc.	\$ 36,200,000	\$ 37,290,000	\$ 38,410,000	\$ 39,570,000	\$ 40,760,000	
Section II Total:	\$ 111,200,000	\$ 132,290,000	\$ 133,410,000	\$ 134,570,000	\$ 135,760,000	
Grand Total NFA:	\$ 311,963,979	\$ 268,484,787	\$ 207,166,305	\$ 142,235,114	\$ 135,760,000	

Operating and Maintenance Expenditures as of March 2024						
Statewide and District Contracts plus Expenditures within MPO boundaries						
Program Group/Sub Group	Est SFY 2024 Spending	Est SFY 2025 Spending	Est SFY 2026 Spending	Est SFY 2027 Spending	Est SFY 2028 Spending	
Part 2: Federal Aid						
Section I - Federal Aid Maintenance Projects						
01 - ADA Retrofits						
Sidewalk Construction and Repairs	\$ -	\$ -	\$ -	\$ -	\$ -	-
02 - Bicycles and pedestrians program						
Bikeway/Bike Path Construction	\$ -	\$ -	\$ -	\$ -	\$ -	-
03 - Bridge						
Bridge Maintenance	\$ -	\$ -	\$ -	\$ -	\$ -	-
Bridge Maintenance - Deck Repairs	\$ -	\$ -	\$ -	\$ -	\$ -	-
Bridge Maintenance - Joints	\$ -	\$ -	\$ -	\$ -	\$ -	-
Bridge Preservation	\$ 1,603,769	\$ 820,406	\$ -	\$ -	\$ -	-
Bridge Reconstruction/Rehab	\$ -	\$ -	\$ -	\$ -	\$ -	-
Drawbridge Maintenance	\$ -	\$ -	\$ -	\$ -	\$ -	-
Painting - Structural	\$ 1,205,265	\$ 596,970	\$ -	\$ -	\$ -	-
Structures Maintenance	\$ 1,086,368	\$ -	\$ -	\$ -	\$ -	-
04 - Capacity						
Hwy Reconstr - Added Capacity	\$ -	\$ -	\$ -	\$ -	\$ -	-
05 - Facilities						
Vertical Construction (Ch 149)	\$ -	\$ -	\$ -	\$ -	\$ -	-
07 - Intersection Improvements						
Traffic Signals	\$ -	\$ -	\$ -	\$ -	\$ -	-
08 - Interstate Pavement						
Resurfacing Interstate	\$ -	\$ -	\$ -	\$ -	\$ -	-
09 - Intelligent Transportation Systems Program						
Intelligent Transportation System	\$ -	\$ -	\$ -	\$ -	\$ -	-
10 - Non-interstate DOT Pavement Program						
Milling and Cold Planing	\$ -	\$ -	\$ -	\$ -	\$ -	-
Resurfacing	\$ -	\$ -	\$ -	\$ -	\$ -	-
Resurfacing DOT Owned Non-Interstate	\$ -	\$ -	\$ -	\$ -	\$ -	-
11 - Roadway Improvements						
Asbestos Removal	\$ -	\$ -	\$ -	\$ -	\$ -	-
Catch Basin Cleaning	\$ -	\$ -	\$ -	\$ -	\$ -	-
Contract Highway Maintenance	\$ -	\$ -	\$ -	\$ -	\$ -	-
Crack Sealing	\$ -	\$ -	\$ -	\$ -	\$ -	-
Culvert Maintenance	\$ -	\$ -	\$ -	\$ -	\$ -	-
Culvert Reconstruction/Rehab	\$ -	\$ -	\$ -	\$ -	\$ -	-
Drainage	\$ -	\$ -	\$ -	\$ -	\$ -	-
Guard Rail & Fencing	\$ -	\$ -	\$ -	\$ -	\$ -	-
Highway Sweeping	\$ -	\$ -	\$ -	\$ -	\$ -	-
Landscaping	\$ -	\$ -	\$ -	\$ -	\$ -	-
Mowing and Spraying	\$ -	\$ -	\$ -	\$ -	\$ -	-
Sewer and Water	\$ -	\$ -	\$ -	\$ -	\$ -	-
Tree Trimming	\$ -	\$ -	\$ -	\$ -	\$ -	-
12 - Roadway Reconstruction						
Hwy Reconstr - Restr and Rehab	\$ -	\$ -	\$ -	\$ -	\$ -	-
13 - Safety Improvements						
Electrical	\$ -	\$ -	\$ -	\$ -	\$ -	-
Impact Attenuators	\$ -	\$ -	\$ -	\$ -	\$ -	-
Lighting	\$ 932,873	\$ 467,165	\$ -	\$ -	\$ -	-
Pavement Marking	\$ -	\$ -	\$ -	\$ -	\$ -	-
Safety Improvements	\$ -	\$ -	\$ -	\$ -	\$ -	-
Sign Installation/Upgrading	\$ -	\$ -	\$ -	\$ -	\$ -	-
Structural Signing	\$ 54,025	\$ -	\$ -	\$ -	\$ -	-
Section I Total:	\$ 4,882,300	\$ 1,884,541	\$ -	\$ -	\$ -	-
Grand Total Federal Aid:						
	\$ 4,882,300	\$ 1,884,541	\$ -	\$ -	\$ -	-

Operating and Maintenance Expenditures as of March 2024										
Statewide and District Contracts										
Program Group/Sub Group	Est SFY 2024 Spending		Est SFY 2025 Spending		Est SFY 2026 Spending		Est SFY 2027 Spending		Est SFY 2028 Spending	
Part 1: Non-Federal Aid										
Section I - Non Federal Aid Maintenance Projects - State Bondfunds										
01 - ADA Retrofits										
Sidewalk Construction and Repairs	\$	2,527,973	\$	1,154,109	\$	-	\$	-	\$	-
02 - Bicycles and pedestrians program										
Bikeway/Bike Path Construction	\$	-	\$	-	\$	-	\$	-	\$	-
03 - Bridge										
Bridge Maintenance	\$	36,832,755	\$	27,374,727	\$	11,202,912	\$	927,820	\$	-
Bridge Maintenance - Deck Repairs	\$	10,003,534	\$	10,139,124	\$	7,440,018	\$	546,417	\$	-
Bridge Maintenance - Joints	\$	1,622,979	\$	1,888,486	\$	1,573,739	\$	-	\$	-
Bridge Preservation	\$	3,461,504	\$	1,774,656	\$	-	\$	-	\$	-
Bridge Replacement	\$	-	\$	-	\$	-	\$	-	\$	-
Drawbridge Maintenance	\$	8,369,008	\$	6,317,237	\$	2,625,000	\$	515,007	\$	-
Painting - Structural	\$	741,316	\$	415,475	\$	-	\$	-	\$	-
Structures Maintenance	\$	(43,962)	\$	-	\$	-	\$	-	\$	-
04 - Capacity										
Highway Relocation	\$	-	\$	-	\$	-	\$	-	\$	-
Hwy Reconstr - Added Capacity	\$	-	\$	-	\$	-	\$	-	\$	-
Hwy Reconstr - Major Widening	\$	-	\$	-	\$	-	\$	-	\$	-
05 - Facilities										
Vertical Construction (Ch 149)	\$	8,934,384	\$	2,709,748	\$	1,439,204	\$	206,609	\$	-
07 - Intersection Improvements										
Traffic Signals	\$	3,682,661	\$	2,380,658	\$	2,014,210	\$	102,122	\$	-
08 - Interstate Pavement										
Resurfacing Interstate	\$	-	\$	-	\$	-	\$	-	\$	-
09 - Intelligent Transportation Systems Program										
Intelligent Transportation System	\$	-	\$	-	\$	-	\$	-	\$	-
10 - Non-Interstate DOT Pavement Program										
Milling and Cold Planing	\$	5,369,210	\$	-	\$	-	\$	-	\$	-
Resurfacing	\$	26,463,372	\$	15,822,396	\$	7,243,191	\$	-	\$	-
Resurfacing DOT Owned Non-Interstate	\$	10,246,699	\$	2,669,150	\$	4,321,796	\$	1,786,791	\$	-
11 - Roadway Improvements										
Asbestos Removal	\$	-	\$	-	\$	-	\$	-	\$	-
Catch Basin Cleaning	\$	2,639,496	\$	1,152,484	\$	241,154	\$	-	\$	-
Contract Highway Maintenance	\$	13,780,927	\$	14,433,780	\$	7,827,224	\$	942,840	\$	-
Crack Sealing	\$	1,120,385	\$	874,404	\$	845,600	\$	51,969	\$	-
Culvert Maintenance	\$	-	\$	-	\$	-	\$	-	\$	-
Culvert Reconstruction/Rehab	\$	-	\$	-	\$	-	\$	-	\$	-
Drainage	\$	8,915,161	\$	10,552,249	\$	2,223,511	\$	-	\$	-
Dredging	\$	-	\$	-	\$	-	\$	-	\$	-
Guard Rail & Fencing	\$	8,074,789	\$	5,566,800	\$	3,198,449	\$	246,000	\$	-
Highway Sweeping	\$	1,285,981	\$	1,038,047	\$	283,520	\$	-	\$	-
Landscaping	\$	661,954	\$	997,891	\$	844,696	\$	-	\$	-
Mowing and Spraying	\$	3,718,863	\$	1,739,747	\$	1,258,591	\$	187,826	\$	-
Sewer and Water	\$	357,394	\$	-	\$	-	\$	-	\$	-
Tree Trimming	\$	4,155,926	\$	4,285,897	\$	2,775,495	\$	572,870	\$	-
12 - Roadway Reconstruction										
Hwy Reconstr - No Added Capacity	\$	-	\$	-	\$	-	\$	-	\$	-
Hwy Reconstr - Restr and Rehab	\$	3,999,753	\$	50,053	\$	30,590	\$	-	\$	-
Roadway - Reconstr - Sidewalks and Curbing	\$	-	\$	-	\$	-	\$	-	\$	-
13 - Safety Improvements										
Electrical	\$	-	\$	-	\$	-	\$	-	\$	-
Impact Attenuators	\$	1,243,385	\$	730,625	\$	579,195	\$	48,696	\$	-
Lighting	\$	4,327,624	\$	3,549,482	\$	1,974,433	\$	78,087	\$	-
Pavement Marking	\$	5,034,163	\$	2,880,555	\$	1,164,804	\$	-	\$	-
Safety Improvements	\$	-	\$	-	\$	-	\$	-	\$	-
Sign Installation/Upgrading	\$	1,673,740	\$	749,713	\$	533,787	\$	65,026	\$	-
Structural Signing	\$	467,090	\$	98,000	\$	-	\$	-	\$	-
Section I Total:	\$	179,668,063	\$	121,345,493	\$	61,641,119	\$	6,278,079	\$	-
Section II - Non Federal Aid Highway Operations - State Operating Budget Funding										
Snow and Ice Operations & Materials										
	\$	75,000,000	\$	95,000,000	\$	95,000,000	\$	95,000,000	\$	95,000,000
District Maintenance Payroll										
Mowing, Litter Mgmt, Sight Distance Clearing, Etc.	\$	36,200,000	\$	37,290,000	\$	38,410,000	\$	39,570,000	\$	40,760,000
Section II Total:	\$	111,200,000	\$	132,290,000	\$	133,410,000	\$	134,570,000	\$	135,760,000
Grand Total NFA:	\$	290,868,063	\$	253,635,493	\$	195,051,119	\$	140,848,079	\$	135,760,000

Operating and Maintenance Expenditures as of March 2024

Statewide and District Contracts

Program Group/Sub Group	Est SFY 2024 Spending	Est SFY 2025 Spending	Est SFY 2026 Spending	Est SFY 2027 Spending	Est SFY 2028 Spending
Part 2: Federal Aid					
Section I - Federal Aid Maintenance Projects					
01 - ADA Retrofits					
Sidewalk Construction and Repairs	\$ -	\$ -	\$ -	\$ -	\$ -
02 - Bicycles and pedestrians program					
Bikeway/Bike Path Construction	\$ -	\$ -	\$ -	\$ -	\$ -
03 - Bridge					
Bridge Maintenance	\$ -	\$ -	\$ -	\$ -	\$ -
Bridge Maintenance - Deck Repairs	\$ -	\$ -	\$ -	\$ -	\$ -
Bridge Maintenance - Joints	\$ -	\$ -	\$ -	\$ -	\$ -
Bridge Preservation	\$ 1,603,769	\$ 820,406	\$ -	\$ -	\$ -
Bridge Reconstruction/Rehab	\$ -	\$ -	\$ -	\$ -	\$ -
Drawbridge Maintenance	\$ -	\$ -	\$ -	\$ -	\$ -
Painting - Structural	\$ 53,456	\$ -	\$ -	\$ -	\$ -
Structures Maintenance	\$ -	\$ -	\$ -	\$ -	\$ -
04 - Capacity					
Hwy Reconstr - Added Capacity	\$ -	\$ -	\$ -	\$ -	\$ -
05 - Facilities					
Vertical Construction (Ch 149)	\$ -	\$ -	\$ -	\$ -	\$ -
07 - Intersection Improvements					
Traffic Signals	\$ -	\$ -	\$ -	\$ -	\$ -
08 - Interstate Pavement					
Resurfacing Interstate	\$ -	\$ -	\$ -	\$ -	\$ -
09 - Intelligent Transportation Systems Program					
Intelligent Transportation System	\$ -	\$ -	\$ -	\$ -	\$ -
10 - Non-interstate DOT Pavement Program					
Milling and Cold Planing	\$ -	\$ -	\$ -	\$ -	\$ -
Resurfacing	\$ -	\$ -	\$ -	\$ -	\$ -
Resurfacing DOT Owned Non-Interstate	\$ -	\$ -	\$ -	\$ -	\$ -
11 - Roadway Improvements					
Asbestos Removal	\$ -	\$ -	\$ -	\$ -	\$ -
Catch Basin Cleaning	\$ -	\$ -	\$ -	\$ -	\$ -
Contract Highway Maintenance	\$ -	\$ -	\$ -	\$ -	\$ -
Crack Sealing	\$ -	\$ -	\$ -	\$ -	\$ -
Culvert Maintenance	\$ -	\$ -	\$ -	\$ -	\$ -
Culvert Reconstruction/Rehab	\$ -	\$ -	\$ -	\$ -	\$ -
Drainage	\$ -	\$ -	\$ -	\$ -	\$ -
Guard Rail & Fencing	\$ -	\$ -	\$ -	\$ -	\$ -
Highway Sweeping	\$ -	\$ -	\$ -	\$ -	\$ -
Landscaping	\$ -	\$ -	\$ -	\$ -	\$ -
Mowing and Spraying	\$ -	\$ -	\$ -	\$ -	\$ -
Sewer and Water	\$ -	\$ -	\$ -	\$ -	\$ -
Tree Trimming	\$ -	\$ -	\$ -	\$ -	\$ -
12 - Roadway Reconstruction					
Hwy Reconstr - Restr and Rehab	\$ -	\$ -	\$ -	\$ -	\$ -
13 - Safety Improvements					
Electrical	\$ -	\$ -	\$ -	\$ -	\$ -
Impact Attenuators	\$ -	\$ -	\$ -	\$ -	\$ -
Lighting	\$ -	\$ -	\$ -	\$ -	\$ -
Pavement Marking	\$ -	\$ -	\$ -	\$ -	\$ -
Safety Improvements	\$ -	\$ -	\$ -	\$ -	\$ -
Sign Installation/Upgrading	\$ -	\$ -	\$ -	\$ -	\$ -
Structural Signing	\$ 54,025	\$ -	\$ -	\$ -	\$ -
Section I Total:	\$ 1,711,249	\$ 820,406	\$ -	\$ -	\$ -
Grand Total Federal Aid:					
	\$ 1,711,249	\$ 820,406	\$ -	\$ -	\$ -

Operating and Maintenance Expenditures as of March 2024						
Central Mass						
Program Group/Sub Group	Est SFY 2024 Spending	Est SFY 2025 Spending	Est SFY 2026 Spending	Est SFY 2027 Spending	Est SFY 2028 Spending	
Part 1: Non-Federal Aid						
Section I - Non Federal Aid Maintenance Projects - State Bondfunds						
01 - ADA Retrofits						
Sidewalk Construction and Repairs	\$ -	\$ -	\$ -	\$ -	\$ -	-
02 - Bicycles and pedestrians program						
Bikeway/Bike Path Construction	\$ -	\$ -	\$ -	\$ -	\$ -	-
03 - Bridge						
Bridge Maintenance	\$ -	\$ -	\$ -	\$ -	\$ -	-
Bridge Maintenance - Deck Repairs	\$ -	\$ -	\$ -	\$ -	\$ -	-
Bridge Maintenance - Joints	\$ -	\$ -	\$ -	\$ -	\$ -	-
Bridge Preservation	\$ 2,017,956	\$ -	\$ -	\$ -	\$ -	-
Bridge Replacement	\$ -	\$ -	\$ -	\$ -	\$ -	-
Drawbridge Maintenance	\$ -	\$ -	\$ -	\$ -	\$ -	-
Painting - Structural	\$ 98,250	\$ -	\$ -	\$ -	\$ -	-
Structures Maintenance	\$ -	\$ -	\$ -	\$ -	\$ -	-
04 - Capacity						
Highway Relocation	\$ -	\$ -	\$ -	\$ -	\$ -	-
Hwy Reconstr - Added Capacity	\$ -	\$ -	\$ -	\$ -	\$ -	-
Hwy Reconstr - Major Widening	\$ -	\$ -	\$ -	\$ -	\$ -	-
05 - Facilities						
Vertical Construction (Ch 149)	\$ 27,658	\$ -	\$ -	\$ -	\$ -	-
07 - Intersection Improvements						
Traffic Signals	\$ -	\$ -	\$ -	\$ -	\$ -	-
08 - Interstate Pavement						
Resurfacing Interstate	\$ -	\$ -	\$ -	\$ -	\$ -	-
09 - Intelligent Transportation Systems Program						
Intelligent Transportation System	\$ -	\$ -	\$ -	\$ -	\$ -	-
10 - Non-interstate DOT Pavement Program						
Milling and Cold Planing	\$ -	\$ -	\$ -	\$ -	\$ -	-
Resurfacing	\$ -	\$ -	\$ -	\$ -	\$ -	-
Resurfacing DOT Owned Non-Interstate	\$ -	\$ -	\$ -	\$ -	\$ -	-
11 - Roadway Improvements						
Asbestos Removal	\$ -	\$ -	\$ -	\$ -	\$ -	-
Catch Basin Cleaning	\$ -	\$ -	\$ -	\$ -	\$ -	-
Contract Highway Maintenance	\$ -	\$ -	\$ -	\$ -	\$ -	-
Crack Sealing	\$ -	\$ -	\$ -	\$ -	\$ -	-
Culvert Maintenance	\$ -	\$ -	\$ -	\$ -	\$ -	-
Culvert Reconstruction/Rehab	\$ -	\$ -	\$ -	\$ -	\$ -	-
Drainage	\$ -	\$ -	\$ -	\$ -	\$ -	-
Dredging	\$ -	\$ -	\$ -	\$ -	\$ -	-
Guard Rail & Fencing	\$ -	\$ -	\$ -	\$ -	\$ -	-
Highway Sweeping	\$ -	\$ -	\$ -	\$ -	\$ -	-
Landscaping	\$ -	\$ -	\$ -	\$ -	\$ -	-
Mowing and Spraying	\$ -	\$ -	\$ -	\$ -	\$ -	-
Sewer and Water	\$ -	\$ -	\$ -	\$ -	\$ -	-
Tree Trimming	\$ -	\$ -	\$ -	\$ -	\$ -	-
12 - Roadway Reconstruction						
Hwy Reconstr - No Added Capacity	\$ -	\$ -	\$ -	\$ -	\$ -	-
Hwy Reconstr - Restr and Rehab	\$ -	\$ -	\$ -	\$ -	\$ -	-
Roadway - Reconstr - Sidewalks and Curbing	\$ -	\$ -	\$ -	\$ -	\$ -	-
13 - Safety Improvements						
Electrical	\$ -	\$ -	\$ -	\$ -	\$ -	-
Impact Attenuators	\$ -	\$ -	\$ -	\$ -	\$ -	-
Lighting	\$ -	\$ -	\$ -	\$ -	\$ -	-
Pavement Marking	\$ -	\$ -	\$ -	\$ -	\$ -	-
Safety Improvements	\$ -	\$ -	\$ -	\$ -	\$ -	-
Sign Installation/Upgrading	\$ -	\$ -	\$ -	\$ -	\$ -	-
Structural Signing	\$ -	\$ -	\$ -	\$ -	\$ -	-
Section I Total:	\$ 2,143,864	\$ -	\$ -	\$ -	\$ -	-
Section II - Non Federal Aid Highway Operations - State Operating Budget Funding						
Snow and Ice Operations & Materials						
	\$ -	\$ -	\$ -	\$ -	\$ -	-
District Maintenance Payroll						
Mowing, Litter Mgmt, Sight Distance Clearing, Etc.	\$ -	\$ -	\$ -	\$ -	\$ -	-
Section II Total:	\$ -	\$ -	\$ -	\$ -	\$ -	-
Grand Total NFA:	\$ 2,143,864	\$ -	\$ -	\$ -	\$ -	-

Operating and Maintenance Expenditures as of March 2024

Central Mass						
Program Group/Sub Group	Est SFY 2024 Spending	Est SFY 2025 Spending	Est SFY 2026 Spending	Est SFY 2027 Spending	Est SFY 2028 Spending	
Part 2: Federal Aid						
Section I - Federal Aid Maintenance Projects						
01 - ADA Retrofits						
Sidewalk Construction and Repairs	\$ -	\$ -	\$ -	\$ -	\$ -	-
02 - Bicycles and pedestrians program						
Bikeway/Bike Path Construction	\$ -	\$ -	\$ -	\$ -	\$ -	-
03 - Bridge						
Bridge Maintenance	\$ -	\$ -	\$ -	\$ -	\$ -	-
Bridge Maintenance - Deck Repairs	\$ -	\$ -	\$ -	\$ -	\$ -	-
Bridge Maintenance - Joints	\$ -	\$ -	\$ -	\$ -	\$ -	-
Bridge Preservation	\$ -	\$ -	\$ -	\$ -	\$ -	-
Bridge Reconstruction/Rehab	\$ -	\$ -	\$ -	\$ -	\$ -	-
Drawbridge Maintenance	\$ -	\$ -	\$ -	\$ -	\$ -	-
Painting - Structural	\$ -	\$ -	\$ -	\$ -	\$ -	-
Structures Maintenance	\$ -	\$ -	\$ -	\$ -	\$ -	-
04 - Capacity						
Hwy Reconstr - Added Capacity	\$ -	\$ -	\$ -	\$ -	\$ -	-
05 - Facilities						
Vertical Construction (Ch 149)	\$ -	\$ -	\$ -	\$ -	\$ -	-
07 - Intersection Improvements						
Traffic Signals	\$ -	\$ -	\$ -	\$ -	\$ -	-
08 - Interstate Pavement						
Resurfacing Interstate	\$ -	\$ -	\$ -	\$ -	\$ -	-
09 - Intelligent Transportation Systems Program						
Intelligent Transportation System	\$ -	\$ -	\$ -	\$ -	\$ -	-
10 - Non-interstate DOT Pavement Program						
Milling and Cold Planing	\$ -	\$ -	\$ -	\$ -	\$ -	-
Resurfacing	\$ -	\$ -	\$ -	\$ -	\$ -	-
Resurfacing DOT Owned Non-Interstate	\$ -	\$ -	\$ -	\$ -	\$ -	-
11 - Roadway Improvements						
Asbestos Removal	\$ -	\$ -	\$ -	\$ -	\$ -	-
Catch Basin Cleaning	\$ -	\$ -	\$ -	\$ -	\$ -	-
Contract Highway Maintenance	\$ -	\$ -	\$ -	\$ -	\$ -	-
Crack Sealing	\$ -	\$ -	\$ -	\$ -	\$ -	-
Culvert Maintenance	\$ -	\$ -	\$ -	\$ -	\$ -	-
Culvert Reconstruction/Rehab	\$ -	\$ -	\$ -	\$ -	\$ -	-
Drainage	\$ -	\$ -	\$ -	\$ -	\$ -	-
Guard Rail & Fencing	\$ -	\$ -	\$ -	\$ -	\$ -	-
Highway Sweeping	\$ -	\$ -	\$ -	\$ -	\$ -	-
Landscaping	\$ -	\$ -	\$ -	\$ -	\$ -	-
Mowing and Spraying	\$ -	\$ -	\$ -	\$ -	\$ -	-
Sewer and Water	\$ -	\$ -	\$ -	\$ -	\$ -	-
Tree Trimming	\$ -	\$ -	\$ -	\$ -	\$ -	-
12 - Roadway Reconstruction						
Hwy Reconstr - Restr and Rehab	\$ -	\$ -	\$ -	\$ -	\$ -	-
13 - Safety Improvements						
Electrical	\$ -	\$ -	\$ -	\$ -	\$ -	-
Impact Attenuators	\$ -	\$ -	\$ -	\$ -	\$ -	-
Lighting	\$ -	\$ -	\$ -	\$ -	\$ -	-
Pavement Marking	\$ -	\$ -	\$ -	\$ -	\$ -	-
Safety Improvements	\$ -	\$ -	\$ -	\$ -	\$ -	-
Sign Installation/Upgrading	\$ -	\$ -	\$ -	\$ -	\$ -	-
Structural Signing	\$ -	\$ -	\$ -	\$ -	\$ -	-
Section I Total:	\$ -	\$ -	\$ -	\$ -	\$ -	-
Grand Total NFA:						
	\$ -	\$ -	\$ -	\$ -	\$ -	-

Transit Operations & Maintenance Chart

**Central Massachusetts Metropolitan Planning Organization
Operations & Maintenance Summary Table
Worcester Regional Transit Authority**

The numbers below represent **draft budget numbers for 2025** and projections for the out-years. The figures provided are estimates and a forecast of projected funds necessary to meet the operating needs of the WRTA.

<i>Operating Revenue</i>	Fiscal Year 2025	Fiscal Year 2026	Fiscal Year 2027	Fiscal Year 2028	Fiscal Year 2029
Passenger Revenues	0	4,624,095	4,716,576	4,810,908	4,907,126
Section 5307	5,795,039	6,143,173	6,712,739	7,532,665	6,709,245
Advertising & Interest Income	237,140	239,511	241,907	244,326	246,769
State Contract Assistance	19,931,480	20,529,424	21,145,307	21,779,666	22,433,056
Local Assessment	6,136,834	6,290,255	6,447,511	6,608,699	6,773,916
CARES Act	4,533,426	0	0	0	1,847,230
Other	616,215	637,060	658,739	462,087	95,088
Total Operating Revenue	\$ 37,250,134	\$ 38,463,518	\$ 39,922,779	\$ 41,438,351	\$ 43,012,430
Total Operating Expenses	\$ 37,250,134	\$ 38,463,518	\$ 39,922,779	\$ 41,438,351	\$ 43,012,430

STIP Investment Report



STIP Investments Report Central Mass Region

STIP: 2025 - 2029 (D)

Year	MassDOT Project ID	MPO	Municipality	MassDOT Project Description	District	Funding Source	Adjusted TFPC	Total Programmed Funds	Federal Funds	Non-Federal Funds	MPO Project Score	Entity Receiving Transfer	PSAC Score	Earmark Details	Proponent	Other Information
Federal Fiscal Year 2025								\$152,720,092	\$119,907,535	\$32,812,558						
Section 1A / Regionally Prioritized Projects								\$25,719,900	\$20,775,920	\$4,943,980						
Roadway Reconstruction								\$11,404,931	\$9,123,945	\$2,280,986						
2025	602659	Central Mass	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	\$78,222,752	\$2,776,050	\$2,220,840	\$555,210	22/27				MassDOT	Construction, Total Project Cost = \$78,222,752, CMAQ + NHPP + STBG, Project AC'd between 2022 and 2025, PM Score = 22 out of 27, Advertised on 4/23/22
2025	609049	Central Mass	West Brookfield	WEST BROOKFIELD- RESURFACING & RELATED WORK ON ROUTE 9, FROM 850' WEST OF WELCOME ROAD TO PIERCE ROAD (1 MILE - PHASE II)	2	STBG	\$8,628,881	\$8,628,881	\$6,903,105	\$1,725,776	11/27				West Brookfield	Construction, Total Project Cost = \$8,628,881, Design Status = 100%, PM Score = 11 out of 27
Intersection Improvements								\$14,279,969	\$11,623,975	\$2,655,994						
2025	608778	Central Mass	Southbridge	SOUTHBRIDGE- INTERSECTION IMPROVEMENTS AT CENTRAL STREET, FOSTER STREET, HOOK STREET AND HAMILTON STREET	3	CMAQ	\$7,279,443	\$2,000,000	\$1,600,000	\$400,000	14/27				Southbridge	Construction, CMAQ + HSIP + STBG Total Project Cost = \$7,279,443, Design Status = Final Design, PM Score = 14 out of 27
2025	608778	Central Mass	Southbridge	SOUTHBRIDGE- INTERSECTION IMPROVEMENTS AT CENTRAL STREET, FOSTER STREET, HOOK STREET AND HAMILTON STREET	3	HSIP	\$7,279,443	\$1,000,000	\$900,000	\$100,000	14/27				Southbridge	Construction, CMAQ + HSIP + STBG Total Project Cost = \$7,279,443, Design Status = Final Design, PM Score = 14 out of 27
2025	608778	Central Mass	Southbridge	SOUTHBRIDGE- INTERSECTION IMPROVEMENTS AT CENTRAL STREET, FOSTER STREET, HOOK STREET AND HAMILTON STREET	3	STBG	\$7,279,443	\$4,279,443	\$3,423,554	\$855,889	14/27				Southbridge	Construction, CMAQ + HSIP + STBG Total Project Cost = \$7,279,443, Design Status = Final Design, PM Score = 14 out of 27
2025	608961	Central Mass	Worcester	WORCESTER- INTERSECTION IMPROVEMENTS ON CHANDLER STREET AND MAY STREET	3	CMAQ	\$6,000,526	\$2,000,000	\$1,600,000	\$400,000	14/27				Worcester	Construction, HSIP + CMAQ + STBG Total Project Cost = \$6,000,526, Design Status = 25%, PM Score = 14 out of 27
2025	608961	Central Mass	Worcester	WORCESTER- INTERSECTION IMPROVEMENTS ON CHANDLER STREET AND MAY STREET	3	HSIP	\$6,000,526	\$1,000,000	\$900,000	\$100,000	14/27				Worcester	Construction, HSIP + CMAQ + STBG Total Project Cost = \$6,000,526, Design Status = 25%, PM Score = 14 out of 27
2025	608961	Central Mass	Worcester	WORCESTER- INTERSECTION IMPROVEMENTS ON CHANDLER STREET AND MAY STREET	3	STBG	\$6,000,526	\$3,000,526	\$2,400,421	\$600,105	14/27				Worcester	Construction, HSIP + CMAQ + STBG Total Project Cost = \$6,000,526, Design Status = 25%, PM Score = 14 out of 27
2025	S12938	Central Mass		CMMPO PROJECT DESIGN FUNDING PROGRAM		STBG	\$1,000,000	\$1,000,000	\$800,000	\$200,000						Set aside for Project Design Funding Program.
Transit Grant Program								\$35,000	\$28,000	\$7,000						
2025	S12936	Central Mass	Worcester	WORCESTER - PURCHASE OF NEW BICYCLE RACKS	3	CMAQ	\$35,000	\$35,000	\$28,000	\$7,000					Worcester	Total Project Cost = \$35,000, Project is part of Micro-Projects Program, Local Match will be provided by the City of Worcester.
Section 1B / Earmark or Discretionary Grant Funded Projects								\$49,025,753	\$41,980,607	\$7,045,146						
Bridge Off-system Local NB								\$13,800,023	\$13,800,023	\$0						
2025	610769	Central Mass	Sutton	SUTTON- SUPERSTRUCTURE REPLACEMENT, S-33-002, MANCHAUG ROAD OVER MUMFORD RIVER	3	BROFF	\$17,280,628	\$13,800,023	\$13,800,023	\$0					MassDOT	Construction, Total Project Cost = \$13,800,023, Design Status = 25%



STIP Investments Report Central Mass Region

STIP: 2025 - 2029 (D)

Year	MassDOT Project ID	MPO	Municipality	MassDOT Project Description	District	Funding Source	Adjusted TFPC	Total Programmed Funds	Federal Funds	Non-Federal Funds	MPO Project Score	Entity Receiving Transfer	PSAC Score	Earmark Details	Proponent	Other Information
Federal Fiscal Year 2025								\$152,720,092	\$119,907,535	\$32,812,558						
Highway Resiliency Improvement Program								\$4,627,660	\$3,702,128	\$925,532						
2025	612608	Central Mass	Worcester	WORCESTER- FLOOD RELIEF ON ROUTE 20, GRAFTON STREET (ROUTE 122) INTERCHANGE TO FLINT POND	3	Other FA	\$5,609,753	\$4,627,660	\$3,702,128	\$925,532					MassDOT	Construction, Total Project Cost = \$5,609,753, Design Status = Approved PROTECT Discretionary Grant FY 22/23 Award Recipient (\$3,702,128 Other FA + state match)
Bridge Systematic Maintenance NB								\$30,598,070	\$24,478,456	\$6,119,614						
2025	612874	Central Mass	Multiple	SHREWSBURY- WORCESTER- BRIDGE PRESERVATION, S-14-021=W-44-115 (1RA & 1RB), I-290 (EB AND WB) OVER COMBINATION OF LAKE QUINSIGMOND AND LAKE AVENUE NORTH	3	HIP-BR	\$23,098,070	\$23,098,070	\$18,478,456	\$4,619,614					MassDOT	Construction, Total Project Cost = \$23,098,070, Design Status = Approved
2025	613208	Central Mass	Worcester	WORCESTER- CLEANING & PAINTING OF BRIDGES ON I-190: W-44-124 (1XF, 1XG), W-44-126 (1XJ, 1XK), W-44-127 (1XL), W-44-132 (1XN, 1XP), AND W-44-133 (1XQ, 1XR)	3	HIP-BR	\$7,500,000	\$7,500,000	\$6,000,000	\$1,500,000					MassDOT	Construction, Total Project Cost = \$7,500,000, Design Status = Approved
Section 2A / Federal Aid Funded State Prioritized Reliability Projects								\$59,553,522	\$48,351,008	\$11,202,515						
Bridge Off-system								\$20,199,674	\$16,159,739	\$4,039,935						
2025	609185	Central Mass	Worcester	WORCESTER- BRIDGE RECONSTRUCTION OF W-44-083, HARRISON STREET OVER I-290 & W-44-093, LAUREL STREET OVER I-290	3	STBG-BR-Off	\$20,199,674	\$20,199,674	\$16,159,739	\$4,039,935					MassDOT	Construction, Total Project Cost = \$20,199,674, Design Status = 75%
Safety Improvements								\$7,081,899	\$6,373,709	\$708,190						
2025	610717	Central Mass	Multiple	UXBRIDGE TO WORCESTER- GUIDE AND TRAFFIC SIGN REPLACEMENT ON A SECTION OF ROUTE 146	3	HSIP	\$7,081,899	\$7,081,899	\$6,373,709	\$708,190					MassDOT	Construction, Total Project Cost = \$7,081,899, Design Status = 25%
Bridge On-system NHS								\$26,652,181	\$21,321,745	\$5,330,436						
2025	612195	Central Mass	Worcester	WORCESTER- SUPERSTRUCTURE REPLACEMENT, W-44-091, I-290 OVER EAST CENTRAL STREET	3	NHPP-PEN	\$26,652,181	\$26,652,181	\$21,321,745	\$5,330,436					MassDOT	Construction, Total Project Cost = \$26,652,181, Design Status = Approved
Highway Resiliency Improvement Program								\$982,093	\$785,674	\$196,419						
2025	612608	Central Mass	Worcester	WORCESTER- FLOOD RELIEF ON ROUTE 20, GRAFTON STREET (ROUTE 122) INTERCHANGE TO FLINT POND	3	PRCT	\$5,609,753	\$982,093	\$785,674	\$196,419					MassDOT	Construction, Total Project Cost = \$5,609,753, Design Status = Approved PROTECT Discretionary Grant FY 22/23 Award Recipient (\$3,702,128 Other FA + state match)
Non-Interstate Pavement								\$4,637,675	\$3,710,140	\$927,535						
2025	610721	Multiple	Multiple	HARDWICK- NEW BRAintree- WARE- WEST BROOKFIELD- RESURFACING OF ROUTE 32	2	NHPP	\$4,602,499	\$4,637,675	\$3,710,140	\$927,535						
Section 2B / Federal Aid Funded State Prioritized Modernization Projects								\$11,000,000	\$8,800,000	\$2,200,000						
Roadway Reconstruction								\$11,000,000	\$8,800,000	\$2,200,000						
2025	608491	Central Mass	Mendon	MENDON- RESURFACING AND RELATED WORK ON ROUTE 16	3	NHPP	\$24,724,764	\$11,000,000	\$8,800,000	\$2,200,000					MassDOT	Construction, Project is AC'd between 2025 & 2026, Total Project Cost = \$24,724,764, Design Status = 100%
Section 3B / Non-Federal Aid Funded								\$7,420,917	\$0	\$7,420,917						
Bridge On-system Non-NHS								\$7,420,917	\$0	\$7,420,917						
2025	612190	Central Mass	Holden	HOLDEN- BRIDGE REPLACEMENT, H-18-004, SALISBURY STREET OVER G&W RAILROAD	3	NGBP	\$7,420,917	\$7,420,917	\$0	\$7,420,917					MassDOT	Construction, Total Project Cost = \$7,420,917, Design Status = 25%



STIP Investments Report Central Mass Region

STIP: 2025 - 2029 (D)

Year	MassDOT Project ID	MPO	Municipality	MassDOT Project Description	District	Funding Source	Adjusted TFPC	Total Programmed Funds	Federal Funds	Non-Federal Funds	MPO Project Score	Entity Receiving Transfer	PSAC Score	Earmark Details	Proponent	Other Information
Federal Fiscal Year 2026								\$78,412,946	\$51,890,710	\$26,522,236						
Section 1A / Regionally Prioritized Projects								\$15,426,394	\$12,341,115	\$3,085,279						
Roadway Improvements								\$1,662,781	\$1,330,225	\$332,556						
2026	608456	Central Mass	Upton	UPTON- CULVERT REPLACEMENT, MILFORD STREET (ROUTE 140) OVER UNNAMED TRIBUTARY TO CENTER BROOK	3	STBG	\$1,662,781	\$1,662,781	\$1,330,225	\$332,556	9/27				MassDOT	Construction, Total Project Cost = \$1,662,781, Design Status = 25%, YOE = 4%, PM Score = 9 out of 27
Roadway Reconstruction								\$12,363,613	\$9,890,890	\$2,472,723						
2026	610535	Central Mass	Worcester	WORCESTER- PEDESTRIAN AND BICYCLE IMPROVEMENTS ON PLEASANT STREET	3	STBG	\$5,703,349	\$5,703,349	\$4,562,679	\$1,140,670	11/27				MassDOT	Construction, Total Project Cost = \$5,703,349, Design Status = Approved, YOE = 4%, PM Score = 11 out of 27
2026	611933	Central Mass	Sturbridge	STURBRIDGE- ROUNDABOUT CONSTRUCTION AT THE INTERSECTION OF ROUTE 20 AND ROUTE 131	3	STBG	\$6,660,264	\$6,660,264	\$5,328,211	\$1,332,053	15/27				MassDOT	Construct, Total Project Cost = \$6,660,264, Design Status = Approved, YOE = 4%, PM Score = 15 out of 27
Transit Grant Program								\$400,000	\$320,000	\$80,000						
2026	S12937	Central Mass		CMMPO LRTP MICRO-PROJECTS PROGRAM		TAP	\$400,000	\$400,000	\$320,000	\$80,000						Set aside for LRTP Micro-Projects Program.
Intersection Improvements								\$1,000,000	\$800,000	\$200,000						
2026	S12939	Central Mass		CMMPO Project Design Funding Program		STBG	\$1,000,000	\$1,000,000	\$800,000	\$200,000						Set aside for Project Design Funding Program.
Section 2A / Federal Aid Funded State Prioritized Reliability Projects								\$26,530,361	\$21,224,289	\$5,306,072						
Bridge Off-system								\$14,791,382	\$11,833,106	\$2,958,276						
2026	608862	Central Mass	Southbridge	SOUTHBRIDGE- BRIDGE REPLACEMENT, S-21-009, MILL STREET OVER MCKINSTRY BROOK & S-21-003, MILL STREET OVER THE QUINEBAUG RIVER	3	STBG-BR-Off	\$9,214,736	\$9,214,736	\$7,371,789	\$1,842,947					MassDOT	Construction, Total Project Cost = \$9,214,736, Design Status = 25%, YOE = 4%
2026	612084	Central Mass	Barre	BARRE- BRIDGE REPLACEMENT, B-02-004, OLD COLDBROOK ROAD OVER PRINCE RIVER	2	STBG-BR-Off	\$1,243,944	\$1,243,944	\$995,155	\$248,789					MassDOT	Construction, Total Project Cost = \$1,243,944, Design Status = Approved, YOE = 4%
2026	612092	Central Mass	Uxbridge	UXBRIDGE- BRIDGE REPLACEMENT, U-02-051, HOMEWARD AVENUE OVER PROVIDENCE WORCESTER RAILROAD	3	STBG-BR-Off	\$4,332,702	\$4,332,702	\$3,466,162	\$866,540					MassDOT	Construction, Total Project Cost = \$4,332,702, Design Status = Approved, YOE = 4%
Bridge On-system NHS								\$11,738,979	\$9,391,183	\$2,347,796						
2026	609186	Central Mass	Dudley	DUDLEY- BRIDGE REPLACEMENT, D-12-026, STATE ROUTE 131 OVER THE QUINEBAUG RIVER	3	NHPP-PEN	\$11,738,979	\$11,738,979	\$9,391,183	\$2,347,796					MassDOT	Construction, Total Project Cost = \$11,738,979, Design Status = Approved, YOE = 4%
Section 2B / Federal Aid Funded State Prioritized Modernization Projects								\$22,906,632	\$18,325,306	\$4,581,326						
Roadway Reconstruction								\$21,736,632	\$17,389,306	\$4,347,326						
2026	608491	Central Mass	Mendon	MENDON- RESURFACING AND RELATED WORK ON ROUTE 16	3	NHPP	\$24,724,764	\$13,736,632	\$10,989,306	\$2,747,326					MassDOT	Construction, Project is AC'd between 2025 & 2026, Total Project Cost = \$24,724,764, Design Status = 100%
2026	610825	Central Mass	Shrewsbury	SHREWSBURY- REHABILITATION & BOX WIDENING ON ROUTE 20, FROM ROUTE 9 TO SOUTH STREET	3	NHPP	\$31,405,702	\$8,000,000	\$6,400,000	\$1,600,000					MassDOT	Construction, Project is AC'd between 2026 & 2028, Total Project Cost = \$31,405,702, Design Status = 25%, YOE = 4%
Safe Routes to School								\$1,170,000	\$936,000	\$234,000						
2026	612893	Central Mass	Sturbridge	STURBRIDGE- IMPROVEMENTS AT BURGESS ELEMENTARY SCHOOL (SRTS)	3	TAP	\$1,170,000	\$1,170,000	\$936,000	\$234,000					MassDOT	Construction, Total Project Cost = \$1,170,000, Design Status = Approved, YOE = 4%



STIP Investments Report
Central Mass Region

STIP: 2025 - 2029 (D)

Year	MassDOT Project ID	MPO	Municipality	MassDOT Project Description	District	Funding Source	Adjusted TFPC	Total Programmed Funds	Federal Funds	Non-Federal Funds	MPO Project Score	Entity Receiving Transfer	PSAC Score	Earmark Details	Proponent	Other Information
Federal Fiscal Year 2026								\$78,412,946	\$51,890,710	\$26,522,236						
Section 3B / Non-Federal Aid Funded								\$13,549,559	\$0	\$13,549,559						
Bridge On-system NHS								\$13,549,559	\$0	\$13,549,559						
2026	612192	Central Mass	Auburn	AUBURN- BRIDGE REPLACEMENT, A-17-038, US 20 (WB) WASHINGTON STREET OVER I-395	3	NGBP	\$13,549,559	\$13,549,559	\$0	\$13,549,559					MassDOT	Construction, Total Project Cost = \$13,549,559, Design Status = Approved, YOE = 4%



STIP Investments Report Central Mass Region

STIP: 2025 - 2029 (D)

Year	MassDOT Project ID	MPO	Municipality	MassDOT Project Description	District	Funding Source	Adjusted TFPC	Total Programmed Funds	Federal Funds	Non-Federal Funds	MPO Project Score	Entity Receiving Transfer	PSAC Score	Earmark Details	Proponent	Other Information
Federal Fiscal Year 2027								\$103,429,127	\$59,243,631	\$44,185,496						
Section 1A / Regionally Prioritized Projects								\$26,727,314	\$22,724,455	\$4,002,859						
Roadway Reconstruction								\$20,861,082	\$17,584,846	\$3,276,236						
2027	608990	Central Mass	Worcester	WORCESTER- INTERSECTION IMPROVEMENTS AND RESURFACING ON CHANDLER STREET, FROM MAIN STREET TO QUEEN STREET	3	HSIP	\$6,418,408	\$4,418,408	\$3,976,567	\$441,841	18/27				Worcester	Construction, HSIP + STBG Total Project Cost = \$6,418,408, Design Status = Approved, YOE = 8%, PM Score = 18 out of 27
2027	608990	Central Mass	Worcester	WORCESTER- INTERSECTION IMPROVEMENTS AND RESURFACING ON CHANDLER STREET, FROM MAIN STREET TO QUEEN STREET	3	STBG	\$6,418,408	\$2,000,000	\$1,600,000	\$400,000	18/27				Worcester	Construction, HSIP + STBG Total Project Cost = \$6,418,408, Design Status = Approved, YOE = 8%, PM Score = 18 out of 27
2027	610931	Central Mass	Uxbridge	UXBRIDGE- REHABILITATION OF ROUTE 16 (DOUGLAS STREET), FROM TAFT HILL ROAD TO 200 FT WEST ON MAIN STREET	3	STBG	\$9,901,274	\$9,901,274	\$7,921,019	\$1,980,255	13/27				Uxbridge	Construction, Total Project Cost = \$9,901,274, Design Status = 25%, YOE = 8%, PM Score = 13 out of 27
2027	612011	Central Mass	Worcester	WORCESTER- INTERSECTION IMPROVEMENTS AND RESURFACING ON CHANDLER STREET, FROM QUEEN STREET TO PARK AVENUE	3	HSIP	\$4,541,400	\$4,541,400	\$4,087,260	\$454,140	17/27				Worcester	Construction, Total Project Cost = \$4,541,400, Design Status = Approved, YOE = 8%, PM Score = 17 out of 27
Intersection Improvements								\$5,466,232	\$4,819,609	\$646,623						
2027	609441	Central Mass	Northbridge	NORTHBRIDGE- INTERSECTION IMPROVEMENTS AT ROUTE 122 (PROVIDENCE ROAD), SCHOOL STREET, SUTTON STREET, AND UPTON STREET	3	HSIP	\$4,466,232	\$4,466,232	\$4,019,609	\$446,623	16/27				Northbridge	Construction, Total Project Cost = \$4,466,232, Design Status = Approved, YOE = 8%, PM Score = 16 out of 27
2027	S12941	Central Mass		CMMPO PROJECT DESIGN FUNDING PROGRAM		STBG	\$1,000,000	\$1,000,000	\$800,000	\$200,000						Set aside for Project Design Funding Program.
Transit Grant Program								\$400,000	\$320,000	\$80,000						
2027	S12940	Central Mass		CMMPO LRTP MICRO-PROJECTS PROGRAM		TAP	\$400,000	\$400,000	\$320,000	\$80,000						Set aside for LRTP Micro-Projects Program.
Section 1B / Earmark or Discretionary Grant Funded Projects								\$4,731,372	\$4,731,372	\$0						
Bridge Off-system Local NB								\$4,731,372	\$4,731,372	\$0						
2027	613143	Central Mass	West Brookfield	WEST BROOKFIELD- BRIDGE REPLACEMENT, W-19-002 (187), LONG HILL ROAD OVER QUABOAG RIVER	2	BROFF	\$4,731,372	\$4,731,372	\$4,731,372	\$0					MassDOT	Construction, Total Project Cost = \$4,731,372, Design Status = Approved, YOE = 8%
Section 2A / Federal Aid Funded State Prioritized Reliability Projects								\$23,131,280	\$18,896,524	\$4,234,756						
Safety Improvements								\$3,915,000	\$3,523,500	\$391,500						
2027	611967	Central Mass	Multiple	STURBRIDGE- CHARLTON- INTERSECTION IMPROVEMENTS ON ROUTE 49 AT PUTNAM ROAD, WALKER POND ROAD & ROUTE 20	3	HSIP	\$3,915,000	\$3,915,000	\$3,523,500	\$391,500					MassDOT	Construction, Total Project Cost = \$3,625,000, Design Status = Approved, YOE = 8%
Non-Interstate Pavement								\$5,184,000	\$4,147,200	\$1,036,800						
2027	612089	Central Mass	Southbridge	DUDLEY- SOUTHBRIDGE- RESURFACING AND RELATED WORK ON ROUTE 131	3	NHPP	\$5,184,000	\$5,184,000	\$4,147,200	\$1,036,800					MassDOT	Construction, Total Project Cost = \$5,184,000, Design Status = Approved, YOE = 8%
Bridge On-system NHS								\$4,096,280	\$3,277,024	\$819,256						
2027	612181	Central Mass	Charlton	CHARLTON- BRIDGE REPLACEMENT, C-06-019, US 20 STURBRIDGE ROAD OVER CADY BROOK	3	NHPP-PEN	\$4,096,280	\$4,096,280	\$3,277,024	\$819,256					MassDOT	Construction, Total Project Cost = \$4,096,280, Design Status = Approved, YOE = 8%



STIP Investments Report Central Mass Region

STIP: 2025 - 2029 (D)

Year	MassDOT Project ID	MPO	Municipality	MassDOT Project Description	District	Funding Source	Adjusted TFPC	Total Programmed Funds	Federal Funds	Non-Federal Funds	MPO Project Score	Entity Receiving Transfer	PSAC Score	Earmark Details	Proponent	Other Information
Federal Fiscal Year 2027								\$103,429,127	\$59,243,631	\$44,185,496						
Bridge Systematic Maintenance								\$9,936,000	\$7,948,800	\$1,987,200						
2027	613183	Central Mass	Worcester	WORCESTER- BRIDGE PRESERVATION, W-44-100 (1KH), W-44-101 (1TG) AND W-44-138 (1TQ), I-190 & I-290 INTERCHANGE	3	NHPP	\$9,936,000	\$9,936,000	\$7,948,800	\$1,987,200					MassDOT	Construction, Total Project Cost = \$9,936,000, Design Status = Approved, YOE = 8%
Section 2B / Federal Aid Funded State Prioritized Modernization Projects								\$16,114,100	\$12,891,280	\$3,222,820						
Roadway Reconstruction								\$14,000,000	\$11,200,000	\$2,800,000						
2027	610825	Central Mass	Shrewsbury	SHREWSBURY- REHABILITATION & BOX WIDENING ON ROUTE 20, FROM ROUTE 9 TO SOUTH STREET	3	NHPP	\$31,405,702	\$14,000,000	\$11,200,000	\$2,800,000					MassDOT	Construction, Project is AC'd between 2026 & 2028, Total Project Cost = \$31,405,702, Design Status = 25%, YOE = 4%
Safe Routes to School								\$2,114,100	\$1,691,280	\$422,820						
2027	613367	Central Mass	Westborough	WESTBOROUGH- FISHER STREET IMPROVEMENTS (SRTS)	3	TAP	\$2,114,100	\$2,114,100	\$1,691,280	\$422,820					MassDOT	Construction, Total Project Cost = \$2,114,100, Design Status = Approved, YOE = 8%
Section 3B / Non-Federal Aid Funded								\$32,725,061	\$0	\$32,725,061						
Bridge On-system Non-NHS								\$32,725,061	\$0	\$32,725,061						
2027	605323	Central Mass	Oxford	OXFORD- BRIDGE REPLACEMENT, O-06-030, (ST 56) LEICESTER ROAD OVER THE FRENCH RIVER	3	NGBP	\$4,067,757	\$4,067,757	\$0	\$4,067,757					MassDOT	Construction, Total Project Cost = \$4,067,757, Design Status = 25%, YOE = 8%
2027	612191	Central Mass	Auburn	AUBURN- BRIDGE REPLACEMENT, A-17-003, OXFORD STREET OVER KETTLE BROOK	3	NGBP	\$18,878,400	\$18,878,400	\$0	\$18,878,400					MassDOT	Construction, Total Project Cost = \$18,878,400, Design Status = Approved, YOE = 8%
2027	612510	Central Mass	Grafton	GRAFTON- BRIDGE REPLACEMENT, G-08-020, (SR 140) SHREWSBURY STREET OVER MBTA/CSX RAILROAD	3	NGBP	\$9,778,904	\$9,778,904	\$0	\$9,778,904					MassDOT	Construction, Total Project Cost = \$9,778,904, Design Status = Approved, YOE = 8%



STIP Investments Report Central Mass Region

STIP: 2025 - 2029 (D)

Year	MassDOT Project ID	MPO	Municipality	MassDOT Project Description	District	Funding Source	Adjusted TFPC	Total Programmed Funds	Federal Funds	Non-Federal Funds	MPO Project Score	Entity Receiving Transfer	PSAC Score	Earmark Details	Proponent	Other Information
Federal Fiscal Year 2028								\$52,580,564	\$43,517,323	\$9,063,241						
Section 1A / Regionally Prioritized Projects								\$26,011,496	\$20,809,197	\$5,202,299						
Roadway Reconstruction								\$9,564,800	\$7,651,840	\$1,912,960						
2028	611988	Central Mass	Oxford	OXFORD- ROADWAY REHABILITATION ON ROUTE 12 (MAIN STREET)	3	STBG	\$9,564,800	\$9,564,800	\$7,651,840	\$1,912,960	15/27				Oxford	Construction, Total Project Cost = \$9,564,800, Design Status = Approved, YOE = 12%, PM Score = 15 out of 27
Intersection Improvements								\$12,671,128	\$10,136,902	\$2,534,226						
2028	613097	Central Mass	Spencer	SPENCER- INTERSECTION IMPROVEMENTS AT ROUTE 9 AND ROUTE 49	3	STBG	\$11,671,128	\$11,671,128	\$9,336,902	\$2,334,226	15/27				MassDOT	Construction, Total Project Cost = \$11,671,128, Design Status = 25%, YOE = 12%, PM Score = 15 out of 27
2028	S12943	Central Mass		CMMPO PROJECT DESIGN FUNDING PROGRAM		STBG	\$1,000,000	\$1,000,000	\$800,000	\$200,000						Set aside for Project Design Funding Program.
Safety Improvements								\$3,375,568	\$2,700,454	\$675,114						
2028	613655	Central Mass	Rutland	RUTLAND- INTERSECTION IMPROVEMENTS AT ROUTE 122 AND PLEASANTDALE ROAD	3	STBG	\$3,375,568	\$3,375,568	\$2,700,454	\$675,114	8/27				MassDOT	Construction, Total Project Cost = \$3,375,568, Design Status = Approved, YOE = 12%, PM Score = 8 out of 27
Transit Grant Program								\$400,000	\$320,000	\$80,000						
2028	S12942	Central Mass		CMMPO LRTP MICRO-PROJECTS PROGRAM		TAP	\$400,000	\$400,000	\$320,000	\$80,000						Set aside for LRTP Micro-Projects Program.
Section 1B / Earmark or Discretionary Grant Funded Projects								\$2,021,192	\$2,021,192	\$0						
Bridge Off-system Local NB								\$2,021,192	\$2,021,192	\$0						
2028	613126	Central Mass	East Brookfield	EAST BROOKFIELD- BRIDGE SUPERSTRUCTURE REPLACEMENT, E-02-005, COVE STREET OVER SEVEN MILE RIVER	3	BROFF	\$2,021,192	\$2,021,192	\$2,021,192	\$0					MassDOT	Construction, Total Project Cost = \$2,021,192, Design Status = Approved, YOE = 12%
Section 2A / Federal Aid Funded State Prioritized Reliability Projects								\$4,655,840	\$3,724,672	\$931,168						
Bridge Off-system								\$4,655,840	\$3,724,672	\$931,168						
2028	608334	Central Mass	Charlton	CHARLTON- BRIDGE REHABILITATION, C-06-040, NORTHSIDE ROAD OVER I-90	3	STBG-BR-Off	\$4,655,840	\$4,655,840	\$3,724,672	\$931,168					MassDOT	Construction, Total Project Cost = \$4,655,840, Design Status = Approved, YOE = 12%
Section 2B / Federal Aid Funded State Prioritized Modernization Projects								\$19,892,036	\$16,962,262	\$2,929,774						
Intersection Improvements								\$10,486,334	\$9,437,701	\$1,048,633						
2028	607764	Central Mass	Shrewsbury	SHREWSBURY- INTERSECTION & SIGNAL IMPROVEMENT AT US 20 (HARTFORD TURNPIKE) AT GRAFTON STREET	3	HSIP	\$10,486,334	\$10,486,334	\$9,437,701	\$1,048,633			53.5		MassDOT	Construction, Total Project Cost = \$10,486,334, Design Status = 25%, YOE = 12%
Roadway Reconstruction								\$9,405,702	\$7,524,562	\$1,881,140						
2028	610825	Central Mass	Shrewsbury	SHREWSBURY- REHABILITATION & BOX WIDENING ON ROUTE 20, FROM ROUTE 9 TO SOUTH STREET	3	NHPP	\$31,405,702	\$9,405,702	\$7,524,562	\$1,881,140					MassDOT	Construction, Project is AC'd between 2026 & 2028, Total Project Cost = \$31,405,702, Design Status = 25%, YOE = 4%



STIP Investments Report Central Mass Region

STIP: 2025 - 2029 (D)

Year	MassDOT Project ID	MPO	Municipality	MassDOT Project Description	District	Funding Source	Adjusted TFPC	Total Programmed Funds	Federal Funds	Non-Federal Funds	MPO Project Score	Entity Receiving Transfer	PSAC Score	Earmark Details	Proponent	Other Information
Federal Fiscal Year 2029								\$65,730,647	\$54,858,118	\$10,872,529						
Section 1A / Regionally Prioritized Projects								\$32,153,444	\$25,722,755	\$6,430,689						
Roadway Reconstruction								\$23,467,553	\$18,774,042	\$4,693,511						
2029	612779	Central Mass	West Brookfield	WEST BROOKFIELD- RESURFACING & RELATED WORK ON ROUTE 9 (PHASE III)	2	STBG	\$13,230,728	\$13,230,728	\$10,584,582	\$2,646,146	15/27				West Brookfield	Construction, Total Project Cost = \$13,230,728, Design Status = Approved, YOE = 16%, PM Score = 15 out of 27
2029	613242	Central Mass	Westborough	WESTBOROUGH- ROADWAY IMPROVEMENTS ON ROUTE 30 (EAST MAIN STREET), FROM HASTINGS ELEMENTARY TO THOMAS NEWTON DRIVE	3	STBG	\$10,236,825	\$10,236,825	\$8,189,460	\$2,047,365	15/27				Westborough	Construction, Total Project Cost = \$10,236,825, Design Status = Approved, YOE = 16%, PM Score = 15 out of 27
Intersection Improvements								\$8,285,891	\$6,628,713	\$1,657,178						
2029	613648	Central Mass	Worcester	WORCESTER- INTERSECTION IMPROVEMENTS AT LAKE AVENUE AND BIGELOW DAVIS PARKWAY (FORMERLY HAMILTON STREET)	3	STBG	\$7,785,891	\$7,785,891	\$6,228,713	\$1,557,178	15/27				Worcester	Construction, Total Project Cost = \$7,785,891, Design Status = Approved, YOE = 16%, PM Score = 15 out of 27
2029	S12945	Central Mass		CMMPO PROJECT DESIGN FUNDING PROGRAM		STBG	\$500,000	\$500,000	\$400,000	\$100,000						Set aside for Project Design Funding Program.
Transit Grant Program								\$400,000	\$320,000	\$80,000						
2029	S12944	Central Mass		CMMPO LRTP MICRO-PROJECTS PROGRAM		TAP	\$400,000	\$400,000	\$320,000	\$80,000						Set aside for LRTP Micro-Projects Program.
Section 1B / Earmark or Discretionary Grant Funded Projects								\$11,368,000	\$11,368,000	\$0						
Bridge Off-system Local NB								\$11,368,000	\$11,368,000	\$0						
2029	613293	Central Mass	New Braintree	NEW BRAINTREE- BRIDGE REHABILITATION, N-07-004 (185), BARR ROAD OVER MEADOW BROOK	2	BROFF	\$11,368,000	\$11,368,000	\$11,368,000	\$0					MassDOT	Construction, Total Project Cost = \$11,368,000, Design Status = Approved, YOE = 16%
Section 2A / Federal Aid Funded State Prioritized Reliability Projects								\$13,230,294	\$10,584,235	\$2,646,059						
Bridge Off-system								\$13,230,294	\$10,584,235	\$2,646,059						
2029	613290	Central Mass	West Boylston	WEST BOYLSTON- BRIDGE REHABILITATION, W-17-006 (22U), HARTWELL STREET OVER B&M RAILROAD	3	STBG-BR-Off	\$6,576,620	\$6,576,620	\$5,261,296	\$1,315,324					MassDOT	Construction, Total Project Cost = \$6,576,620, Design Status = Approved, YOE = 16%
2029	613291	Central Mass	Auburn	AUBURN- BRIDGE REPLACEMENT, A-17-050 (4KH), BANCROFT STREET OVER I-90	3	STBG-BR-Off	\$46,023,000	\$2,000,000	\$1,600,000	\$400,000					MassDOT	Construction, Total Project Cost = \$46,023,000, Design Status = Approved, YOE = 16%
2029	613303	Central Mass	Barre	BARRE- BRIDGE REPLACEMENT, B-02-003 (16K), VALLEY ROAD OVER PRINCE RIVER	2	STBG-BR-Off	\$4,653,674	\$4,653,674	\$3,722,939	\$930,735					MassDOT	Construction, Total Project Cost = \$4,653,674, Design Status = Approved, YOE = 16%
Section 2B / Federal Aid Funded State Prioritized Modernization Projects								\$8,978,909	\$7,183,127	\$1,795,782						
Roadway Reconstruction								\$8,978,909	\$7,183,127	\$1,795,782						
2029	608490	Central Mass	Upton	UPTON- RESURFACING AND RELATED WORK ON ROUTE 140 AND ROUNDABOUT CONSTRUCTION AT ROUTE 140, CHURCH STREET AND GROVE STREET	3	NHPP	\$8,978,909	\$8,978,909	\$7,183,127	\$1,795,782					MassDOT	Construction, Total Project Cost = \$8,978,909, Design Status = 25%, YOE = 16%

Listing of Statewide Highway Investments & MBTA Project List



STIP Investments Report
Statewide Region

STIP: 2025 - 2029 (D)

Year	MassDOT Project ID	MPO	Municipality	MassDOT Project Description	District	Funding Source	Adjusted TFPC	Total Programmed Funds	Federal Funds	Non-Federal Funds	MPO Project Score	Entity Receiving Transfer	PSAC Score	Earmark Details	Proponent	Other Information
Federal Fiscal Year 2025								\$345,151,155	\$283,186,915	\$61,964,240						
Section 1B / Earmark or Discretionary Grant Funded Projects								\$77,686,370	\$62,149,096	\$15,537,274						
Bridge Systematic Maintenance NB								\$60,000,000	\$48,000,000	\$12,000,000						
2025	S12660	Statewide		BIL-BFP SYSTEMATIC BRIDGE MAINTENANCE		HIP-BR	\$161,000,000	\$60,000,000	\$48,000,000	\$12,000,000						
State Planning & Research								\$1,066,859	\$853,487	\$213,372						
2025	S12920	Statewide		State Planning & Research (SPR) 1 Work Program (FFY 2026)		SP5304	\$18,750,000	\$1,066,859	\$853,487	\$213,372						
Metropolitan Planning								\$4,869,511	\$3,895,609	\$973,902						
2025	S12930	Statewide		Metropolitan Planning (FFY 2026 UPWPs) - PL & SPR		MP5303	\$19,026,767	\$4,869,511	\$3,895,609	\$973,902						
Electric Vehicle Infrastructure								\$11,750,000	\$9,400,000	\$2,350,000						
2025	S12946	Statewide		Electric Vehicle Infrastructure (FFY 2025)		NEVI	\$11,750,000	\$11,750,000	\$9,400,000	\$2,350,000						
Section 2A / Federal Aid Funded State Prioritized Reliability Projects								\$44,537,712	\$36,994,200	\$7,543,512						
Safety Improvements								\$13,640,307	\$12,276,276	\$1,364,031						
2025	610714	Statewide	Multiple	BOURNE TO BRAINTREE- GUIDE AND TRAFFIC SIGN REPLACEMENT ON A SECTION OF ROUTE 3	5	HSIP	\$4,640,307	\$4,640,307	\$4,176,276	\$464,031						
2025	S12885	Statewide		SHSP STRATEGIES IMPLEMENTATION TO ADDRESS EMPHASIS AREAS (SAFETY PROGRAM - 2025)		VUS	\$5,000,000	\$1,000,000	\$900,000	\$100,000						(lane departure, speed management, etc)
2025	S12885	Statewide		SHSP STRATEGIES IMPLEMENTATION TO ADDRESS EMPHASIS AREAS (SAFETY PROGRAM - 2025)		HSIP	\$5,000,000	\$4,000,000	\$3,600,000	\$400,000						(lane departure, speed management, etc)
2025	S12890	Statewide		VRU SYSTEMIC SAFETY NEAR BUS STOPS - 2025		VUS	\$4,000,000	\$4,000,000	\$3,600,000	\$400,000						State-owned signals
Non-Interstate Pavement								\$20,277,686	\$16,222,149	\$4,055,537						
2025	610719	Statewide	Multiple	BURLINGTON TO TYNGSBOROUGH- PAVEMENT PRESERVATION ON ROUTE 3	4	NHPP	\$15,640,011	\$15,640,011	\$12,512,009	\$3,128,002						
2025	610721	Statewide	Multiple	HARDWICK- NEW BRAINTREE- WARE- WEST BROOKFIELD- RESURFACING OF ROUTE 32	2	NHPP	\$4,602,499	\$4,637,675	\$3,710,140	\$927,535						
Bridge Inspections								\$10,619,719	\$8,495,775	\$2,123,944						
2025	S12632	Statewide		2024 Bridge Inspection & Data Control		NHPP	\$28,519,719	\$10,619,719	\$8,495,775	\$2,123,944						
Section 2B / Federal Aid Funded State Prioritized Modernization Projects								\$11,309,868	\$9,147,894	\$2,161,974						
Intelligent Transportation Systems								\$10,309,868	\$8,247,894	\$2,061,974						
2025	S12783	Statewide		STATEWIDE ITS Program - 2024-2028		NHPP	\$47,037,500	\$10,309,868	\$8,247,894	\$2,061,974						
Intersection Improvements								\$1,000,000	\$900,000	\$100,000						
2025	S12899	Statewide		SHSP STRATEGIES IMPLEMENTATION TO ADDRESS EMPHASIS AREAS (INTERSECTION PROGRAM - 2025)		HSIP	\$1,000,000	\$1,000,000	\$900,000	\$100,000						



STIP Investments Report
Statewide Region

STIP: 2025 - 2029 (D)

Year	MassDOT Project ID	MPO	Municipality	MassDOT Project Description	District	Funding Source	Adjusted TFPC	Total Programmed Funds	Federal Funds	Non-Federal Funds	MPO Project Score	Entity Receiving Transfer	PSAC Score	Earmark Details	Proponent	Other Information
Federal Fiscal Year 2025								\$345,151,155	\$283,186,915	\$61,964,240						
Section 3A / Federal Aid Funded Planning/Adjustments/Pass-throughs								\$188,073,405	\$174,895,724	\$13,177,681						
Carbon Reduction								\$23,885,634	\$19,108,507	\$4,777,127						
2025	S12873	Statewide		Carbon Reduction Program Placeholder (FFY 2025) - Flex to FTA for use by RTAs		CRP	\$8,973,746	\$8,973,746	\$7,178,997	\$1,794,749						Placeholder TFPC based on sum of non-flex CRP apportionment for non-Boston UZAs and proportionate flex CRP apportionment, with 20% match provided by State.
2025	S12874	Statewide		Carbon Reduction Program Placeholder (FFY 2025) - Flex to FTA for use by MBTA		CRP	\$14,911,888	\$14,911,888	\$11,929,510	\$2,982,378						Placeholder TFPC based on sum of non-flex CRP apportionment for Boston UZA and proportionate flex CRP apportionment, with 20% match provided by MBTA.
GANS Repayment								\$122,185,000	\$122,185,000	\$0						
2025	S12916	Statewide		ABP GANS (FFY 2025)		NHPP-G	\$122,185,000	\$122,185,000	\$122,185,000	\$0						
State Planning & Research								\$23,933,141	\$19,146,513	\$4,786,628						
2025	S12920	Statewide		State Planning & Research (SPR) 1 Work Program (FFY 2026)		PLS	\$18,750,000	\$17,683,141	\$14,146,513	\$3,536,628						
2025	S12921	Statewide		State Planning & Research (SPR) 2 Work Program (FFY 2026)		PLS	\$6,250,000	\$6,250,000	\$5,000,000	\$1,250,000						
Metropolitan Planning								\$14,157,256	\$11,325,805	\$2,831,451						
2025	S12930	Statewide		Metropolitan Planning (FFY 2026 UPWPs) - PL & SPR		PLM	\$19,026,767	\$14,157,256	\$11,325,805	\$2,831,451						
Recreational Trails								\$1,483,411	\$1,186,729	\$296,682						
2025	S12952	Statewide		RECREATIONAL TRAILS PROGRAM (FFY 2025)		REC	\$1,483,411	\$1,483,411	\$1,186,729	\$296,682						Match to be provided by DCR
SRTS Education								\$2,428,963	\$1,943,170	\$485,793						
2025	S12991	Statewide		Safe Routes To School (SRTS) Education (FFY 2024-2026)		TAP	\$7,290,000	\$2,428,963	\$1,943,170	\$485,793						Reference Project ID S12990 in FFY 24-28 STIP
Section 3B / Non-Federal Aid Funded								\$23,543,800	\$0	\$23,543,800						
Bridge On-system NHS								\$23,543,800	\$0	\$23,543,800						
2025	607349	Statewide	Multiple	NORWELL- PEMBROKE- BRIDGE REPLACEMENT, N-24-004=P-05-008, ROUTE 3 (NB & SB) OVER NORTH RIVER	5	NGBP	\$52,061,711	\$23,543,800	\$0	\$23,543,800						



STIP Investments Report Statewide Region

STIP: 2025 - 2029 (D)

Year	MassDOT Project ID	MPO	Municipality	MassDOT Project Description	District	Funding Source	Adjusted TFPC	Total Programmed Funds	Federal Funds	Non-Federal Funds	MPO Project Score	Entity Receiving Transfer	PSAC Score	Earmark Details	Proponent	Other Information
Federal Fiscal Year 2026								\$327,252,962	\$289,602,719	\$37,650,243						
Section 1B / Earmark or Discretionary Grant Funded Projects								\$87,957,649	\$70,366,119	\$17,591,530						
Bridge Systematic Maintenance NB								\$65,000,000	\$52,000,000	\$13,000,000						
2026	S12660	Statewide		BIL-BFP SYSTEMATIC BRIDGE MAINTENANCE		HIP-BR	\$161,000,000	\$65,000,000	\$52,000,000	\$13,000,000						
State Planning & Research								\$1,088,196	\$870,557	\$217,639						
2026	S12922	Statewide		State Planning & Research (SPR) 1 Work Program (FFY 2027)		SP5304	\$18,750,000	\$1,088,196	\$870,557	\$217,639						
Metropolitan Planning								\$4,966,901	\$3,973,521	\$993,380						
2026	S12932	Statewide		Metropolitan Planning (FFY 2027 UPWPs) - PL & SPR		MP5303	\$19,407,302	\$4,966,901	\$3,973,521	\$993,380						
Electric Vehicle Infrastructure								\$16,902,552	\$13,522,042	\$3,380,510						
2026	S12948	Statewide		Electric Vehicle Infrastructure (FFY 2026)		NEVI	\$16,902,552	\$16,902,552	\$13,522,042	\$3,380,510						
Section 2A / Federal Aid Funded State Prioritized Reliability Projects								\$27,663,490	\$23,107,141	\$4,556,349						
Safety Improvements								\$9,763,490	\$8,787,141	\$976,349						
2026	611952	Statewide	Multiple	HARVARD- LITTLETON- ACTON- CONCORD- GUIDE AND TRAFFIC SIGN REPLACEMENT ON A SECTION OF ROUTE 2	3	HSIP	\$763,490	\$763,490	\$687,141	\$76,349						
2026	S12886	Statewide		SHSP STRATEGIES IMPLEMENTATION TO ADDRESS EMPHASIS AREAS (SAFETY PROGRAM - 2026)		VUS	\$5,000,000	\$1,000,000	\$900,000	\$100,000						(lane departure, speed management, etc)
2026	S12886	Statewide		SHSP STRATEGIES IMPLEMENTATION TO ADDRESS EMPHASIS AREAS (SAFETY PROGRAM - 2026)		HSIP	\$5,000,000	\$4,000,000	\$3,600,000	\$400,000						(lane departure, speed management, etc)
2026	S12891	Statewide		VRU SYSTEMIC SAFETY NEAR BUS STOPS - 2026		VUS	\$4,000,000	\$4,000,000	\$3,600,000	\$400,000						Municipal
Bridge Inspections								\$17,900,000	\$14,320,000	\$3,580,000						
2026	S12633	Statewide		2026 Bridge Inspection & Data Control		STBG-BR-Off	\$28,947,515	\$8,127,431	\$6,501,945	\$1,625,486						
2026	S12633	Statewide		2026 Bridge Inspection & Data Control		NHPP	\$28,947,515	\$9,772,569	\$7,818,055	\$1,954,514						
Section 2B / Federal Aid Funded State Prioritized Modernization Projects								\$11,309,868	\$9,147,894	\$2,161,974						
Intelligent Transportation Systems								\$10,309,868	\$8,247,894	\$2,061,974						
2026	S12783	Statewide		STATEWIDE ITS Program - 2024-2028		NHPP	\$47,037,500	\$10,309,868	\$8,247,894	\$2,061,974						
Intersection Improvements								\$1,000,000	\$900,000	\$100,000						
2026	S12900	Statewide		SHSP STRATEGIES IMPLEMENTATION TO ADDRESS EMPHASIS AREAS (INTERSECTION PROGRAM - 2026)		HSIP	\$1,000,000	\$1,000,000	\$900,000	\$100,000						



STIP Investments Report Statewide Region

STIP: 2025 - 2029 (D)

Year	MassDOT Project ID	MPO	Municipality	MassDOT Project Description	District	Funding Source	Adjusted TFPC	Total Programmed Funds	Federal Funds	Non-Federal Funds	MPO Project Score	Entity Receiving Transfer	PSAC Score	Earmark Details	Proponent	Other Information
Federal Fiscal Year 2026								\$327,252,962	\$289,602,719	\$37,650,243						
Section 3A / Federal Aid Funded Planning/Adjustments/Pass-throughs								\$200,321,955	\$186,981,564	\$13,340,391						
Carbon Reduction								\$24,363,347	\$19,490,678	\$4,872,669						
2026	S12875	Statewide		Carbon Reduction Program Placeholder (FFY 2026) - Flex to FTA for use by RTAs		CRP	\$9,153,221	\$9,153,221	\$7,322,577	\$1,830,644						Placeholder TFPC based on sum of non-flex CRP apportionment for non-Boston UZAs and proportionate flex CRP apportionment, with 20% match provided by State.
2026	S12909	Statewide		Carbon Reduction Program Placeholder (FFY 2026) - Flex to FTA for use by MBTA		CRP	\$15,210,126	\$15,210,126	\$12,168,101	\$3,042,025		FTA				Placeholder TFPC based on sum of non-flex CRP apportionment for Boston UZA and proportionate flex CRP apportionment, with 20% match provided by MBTA.
GANS Repayment								\$133,620,000	\$133,620,000	\$0						
2026	S12917	Statewide		ABP GANS (FFY 2026)		NHPP-G	\$133,620,000	\$133,620,000	\$133,620,000	\$0						
State Planning & Research								\$23,911,804	\$19,129,443	\$4,782,361						
2026	S12922	Statewide		State Planning & Research (SPR) 1 Work Program (FFY 2027)		PLS	\$18,750,000	\$17,661,804	\$14,129,443	\$3,532,361						
2026	S12923	Statewide		State Planning & Research (SPR) 2 Work Program (FFY 2027)		PLS	\$6,250,000	\$6,250,000	\$5,000,000	\$1,250,000						
Metropolitan Planning								\$14,440,401	\$11,552,321	\$2,888,080						
2026	S12932	Statewide		Metropolitan Planning (FFY 2027 UPWPs) - PL & SPR		PLM	\$19,407,302	\$14,440,401	\$11,552,321	\$2,888,080						
Recreational Trails								\$1,483,411	\$1,186,729	\$296,682						
2026	S12953	Statewide		RECREATIONAL TRAILS PROGRAM (FFY 2026)		REC	\$1,483,411	\$1,483,411	\$1,186,729	\$296,682						Match to be provided by DCR.
SRTS Education								\$2,502,992	\$2,002,394	\$500,598						
2026	S12991	Statewide		Safe Routes To School (SRTS) Education (FFY 2024-2026)		TAP	\$7,290,000	\$2,502,992	\$2,002,394	\$500,598						Reference Project ID S12990 in FFY 24-28 STIP



STIP Investments Report Statewide Region

STIP: 2025 - 2029 (D)

Year	MassDOT Project ID	MPO	Municipality	MassDOT Project Description	District	Funding Source	Adjusted TFPC	Total Programmed Funds	Federal Funds	Non-Federal Funds	MPO Project Score	Entity Receiving Transfer	PSAC Score	Earmark Details	Proponent	Other Information
Federal Fiscal Year 2027								\$175,952,795	\$142,722,236	\$33,230,559						
Section 1B / Earmark or Discretionary Grant Funded Projects								\$59,078,751	\$47,263,001	\$11,815,750						
Bridge Systematic Maintenance NB								\$36,000,000	\$28,800,000	\$7,200,000						
2027	S12660	Statewide		BIL-BFP SYSTEMATIC BRIDGE MAINTENANCE		HIP-BR	\$161,000,000	\$36,000,000	\$28,800,000	\$7,200,000						
State Planning & Research								\$1,109,960	\$887,968	\$221,992						
2027	S12924	Statewide		State Planning & Research (SPR) 1 Work Program (FFY 2028)		SP5304	\$18,750,000	\$1,109,960	\$887,968	\$221,992						
Metropolitan Planning								\$5,066,239	\$4,052,991	\$1,013,248						
2027	S12933	Statewide		Metropolitan Planning (FFY 2028 UPWPs) - PL & SPR		MP5303	\$19,795,448	\$5,066,239	\$4,052,991	\$1,013,248						
Electric Vehicle Infrastructure								\$16,902,552	\$13,522,042	\$3,380,510						
2027	S12949	Statewide		Electric Vehicle Infrastructure (FFY 2027)		NEVI	\$16,902,552	\$16,902,552	\$13,522,042	\$3,380,510						
Section 2A / Federal Aid Funded State Prioritized Reliability Projects								\$36,426,055	\$31,100,844	\$5,325,211						
Bridge Systematic Maintenance								\$5,778,540	\$4,622,832	\$1,155,708						
2027	613207	Statewide	Multiple	CHARLEMONT- NORTH ADAMS- SANDSFIELD-SHEFFIELD- BRIDGE PRESERVATION, C-05-011 (OJE), N-14-017 (OAJ), S-03-030 (OBV), AND S-10-034 (O9Q)	1	NHPP	\$5,778,540	\$5,778,540	\$4,622,832	\$1,155,708						
Bridge Inspections								\$11,047,515	\$8,838,012	\$2,209,503						
2027	S12633	Statewide		2026 Bridge Inspection & Data Control		NHPP	\$28,947,515	\$11,047,515	\$8,838,012	\$2,209,503						
Safety Improvements								\$19,600,000	\$17,640,000	\$1,960,000						
2027	S12888	Statewide		SHSP STRATEGIES IMPLEMENTATION TO ADDRESS EMPHASIS AREAS (INTERSECTION PROGRAM - 2027)		VUS	\$5,000,000	\$1,000,000	\$900,000	\$100,000						(lane departure, speed management, etc)
2027	S12888	Statewide		SHSP STRATEGIES IMPLEMENTATION TO ADDRESS EMPHASIS AREAS (INTERSECTION PROGRAM - 2027)		HSIP	\$5,000,000	\$4,000,000	\$3,600,000	\$400,000						(lane departure, speed management, etc)
2027	S12889	Statewide		STATEWIDE - SYSTEMIC COUNTERMEASURES/SAFE SYSTEMS IMPLEMENTATION		VUS	\$4,000,000	\$2,583,870	\$2,325,483	\$258,387						
2027	S12889	Statewide		STATEWIDE - SYSTEMIC COUNTERMEASURES/SAFE SYSTEMS IMPLEMENTATION		HSIP	\$4,000,000	\$1,416,130	\$1,274,517	\$141,613						
2027	S12892	Statewide		VRU SYSTEMIC SAFETY NEAR BUS STOPS - 2027		VUS	\$4,000,000	\$4,000,000	\$3,600,000	\$400,000						
2027	S12895	Statewide		GUIDE AND TRAFFIC SIGN REPLACEMENT PLACEHOLDER		HSIP	\$6,600,000	\$6,600,000	\$5,940,000	\$660,000						



STIP Investments Report Statewide Region

STIP: 2025 - 2029 (D)

Year	MassDOT Project ID	MPO	Municipality	MassDOT Project Description	District	Funding Source	Adjusted TFPC	Total Programmed Funds	Federal Funds	Non-Federal Funds	MPO Project Score	Entity Receiving Transfer	PSAC Score	Earmark Details	Proponent	Other Information
Federal Fiscal Year 2027								\$175,952,795	\$142,722,236	\$33,230,559						
Section 2B / Federal Aid Funded State Prioritized Modernization Projects								\$15,494,715	\$12,395,772	\$3,098,943						
ADA Retrofits								\$5,184,847	\$4,147,878	\$1,036,969						
2027	613659	Statewide		DISTRICT 1- ACCESSIBILITY IMPROVEMENTS AT MULTIPLE LOCATIONS (NORTHERN PROJECT)	1	STBG	\$1,085,357	\$1,085,357	\$868,286	\$217,071						
2027	613668	Statewide		DISTRICT 2- ACCESSIBILITY IMPROVEMENTS AT MULTIPLE LOCATIONS (NORTHERN PROJECT)	2	STBG	\$1,099,490	\$1,099,490	\$879,592	\$219,898						
2027	S12906	Statewide		STATEWIDE ACCESSIBILITY IMPROVEMENTS AT MULTIPLE LOCATIONS (DISTRICT 4, 5 , AND 6)		STBG	\$11,500,000	\$3,000,000	\$2,400,000	\$600,000						Placeholder for multiple location projects to be initiated in Districts 4, 5, and 6.
Intelligent Transportation Systems								\$10,309,868	\$8,247,894	\$2,061,974						
2027	S12783	Statewide		STATEWIDE ITS Program - 2024-2028		NHPP	\$47,037,500	\$10,309,868	\$8,247,894	\$2,061,974						
Section 3A / Federal Aid Funded Planning/Adjustments/Pass-throughs								\$64,953,274	\$51,962,619	\$12,990,655						
Carbon Reduction								\$24,850,614	\$19,880,491	\$4,970,123						
2027	S12910	Statewide		Carbon Reduction Program Placeholder (FFY 2027) - Flex to FTA for use by RTAs		CRP	\$9,336,285	\$9,336,285	\$7,469,028	\$1,867,257		FTA				Placeholder TFPC based on sum of non-flex CRP apportionment for non-Boston UZAs and proportionate flex CRP apportionment, with 20% match provided by State.
2027	S12911	Statewide		Carbon Reduction Program Placeholder (FFY 2027) - Flex to FTA for use by MBTA		CRP	\$15,514,329	\$15,514,329	\$12,411,463	\$3,102,866		FTA				Placeholder TFPC based on sum of non-flex CRP apportionment for Boston UZA and proportionate flex CRP apportionment, with 20% match provided by MBTA.
State Planning & Research								\$23,890,040	\$19,112,032	\$4,778,008						
2027	S12924	Statewide		State Planning & Research (SPR) 1 Work Program (FFY 2028)		PLS	\$18,750,000	\$17,640,040	\$14,112,032	\$3,528,008						
2027	S12925	Statewide		State Planning & Research (SPR) 2 Work Program (FFY 2028)		PLS	\$6,250,000	\$6,250,000	\$5,000,000	\$1,250,000						
Metropolitan Planning								\$14,729,209	\$11,783,367	\$2,945,842						
2027	S12933	Statewide		Metropolitan Planning (FFY 2028 UPWPs) - PL & SPR		PLM	\$19,795,448	\$14,729,209	\$11,783,367	\$2,945,842						
Recreational Trails								\$1,483,411	\$1,186,729	\$296,682						
2027	S12954	Statewide		RECREATIONAL TRAILS PROGRAM (FFY 2027)		REC	\$1,483,411	\$1,483,411	\$1,186,729	\$296,682						Match to be provided by DCR.



STIP Investments Report Statewide Region

STIP: 2025 - 2029 (D)

Year	MassDOT Project ID	MPO	Municipality	MassDOT Project Description	District	Funding Source	Adjusted TFPC	Total Programmed Funds	Federal Funds	Non-Federal Funds	MPO Project Score	Entity Receiving Transfer	PSAC Score	Earmark Details	Proponent	Other Information
Federal Fiscal Year 2028								\$166,781,592	\$135,764,036	\$31,017,556						
Section 1B / Earmark or Discretionary Grant Funded Projects								\$26,896,086	\$22,255,631	\$4,640,455						
Bridge Off-system Local NB								\$3,693,812	\$3,693,812	\$0						
2028	613141	Statewide	Multiple	ATHOL- ORANGE- BRIDGE REPLACEMENT, A-15-017=O-03-001, LOGAN ROAD OVER THE EAST BRANCH OF THE TULLY RIVER	2	BROFF	\$3,693,812	\$3,693,812	\$3,693,812	\$0						
State Planning & Research								\$1,132,159	\$905,727	\$226,432						
2028	S12926	Statewide		State Planning & Research (SPR) 1 Work Program (FFY 2029)		SP5304	\$18,750,000	\$1,132,159	\$905,727	\$226,432						
Metropolitan Planning								\$5,167,563	\$4,134,050	\$1,033,513						
2028	S12934	Statewide		Metropolitan Planning (FFY 2029 UPWPs) - PL & SPR		MP5303	\$20,191,357	\$5,167,563	\$4,134,050	\$1,033,513						
Electric Vehicle Infrastructure								\$16,902,552	\$13,522,042	\$3,380,510						
2028	S12950	Statewide		Electric Vehicle Infrastructure (FFY 2028)		NEVI	\$16,902,552	\$16,902,552	\$13,522,042	\$3,380,510						
Section 2A / Federal Aid Funded State Prioritized Reliability Projects								\$40,850,720	\$34,280,576	\$6,570,144						
Bridge Systematic Maintenance								\$6,950,720	\$5,560,576	\$1,390,144						
2028	613206	Statewide	Multiple	CHARLEMONT- CHESHIRE- HUNTINGTON- BRIDGE PRESERVATION, C-05-024 (OKW), C-10-001 (OCU), C-10-010 (OCV), AND H-27-020 (OCN)	1	NHPP	\$6,950,720	\$6,950,720	\$5,560,576	\$1,390,144						
Bridge Inspections								\$17,900,000	\$14,320,000	\$3,580,000						
2028	S12759	Statewide		2028 Bridge Inspection & Data Control		STBG-BR-Off	\$29,381,728	\$8,959,825	\$7,167,860	\$1,791,965						
2028	S12759	Statewide		2028 Bridge Inspection & Data Control		NHPP	\$29,381,728	\$8,940,175	\$7,152,140	\$1,788,035						
Safety Improvements								\$16,000,000	\$14,400,000	\$1,600,000						
2028	S12887	Statewide		SHSP STRATEGIES IMPLEMENTATION TO ADDRESS EMPHASIS AREAS (SAFETY PROGRAM - 2028)		VUS	\$5,000,000	\$1,000,000	\$900,000	\$100,000						(lane departure, speed management, etc)
2028	S12887	Statewide		SHSP STRATEGIES IMPLEMENTATION TO ADDRESS EMPHASIS AREAS (SAFETY PROGRAM - 2028)		HSIP	\$5,000,000	\$4,000,000	\$3,600,000	\$400,000						(lane departure, speed management, etc)
2028	S12893	Statewide		VRU SYSTEMIC SAFETY NEAR BUS STOPS - 2028		VUS	\$4,000,000	\$4,000,000	\$3,600,000	\$400,000						
2028	S12896	Statewide		GUIDE AND TRAFFIC SIGN REPLACEMENT PLACEHOLDER		HSIP	\$7,000,000	\$7,000,000	\$6,300,000	\$700,000						
Section 2B / Federal Aid Funded State Prioritized Modernization Projects								\$33,312,114	\$26,649,691	\$6,662,423						
ADA Retrofits								\$9,881,779	\$7,905,423	\$1,976,356						
2028	613660	Statewide		DISTRICT 1- ACCESSIBILITY IMPROVEMENTS AT MULTIPLE LOCATIONS (SOUTHERN PROJECT)	1	STBG	\$1,327,804	\$1,327,804	\$1,062,243	\$265,561						
2028	613669	Statewide		DISTRICT 2- ACCESSIBILITY IMPROVEMENTS AT MULTIPLE LOCATIONS (CENTRAL PROJECT)	2	STBG	\$1,755,783	\$1,755,783	\$1,404,626	\$351,157						
2028	613671	Statewide		DISTRICT 3- ACCESSIBILITY IMPROVEMENTS AT MULTIPLE LOCATIONS (SOUTHERN PROJECT)	3	STBG	\$1,798,192	\$1,798,192	\$1,438,554	\$359,638						
2028	S12906	Statewide		STATEWIDE ACCESSIBILITY IMPROVEMENTS AT MULTIPLE LOCATIONS (DISTRICT 4, 5 , AND 6)		STBG	\$11,500,000	\$5,000,000	\$4,000,000	\$1,000,000						Placeholder for multiple location projects to be initiated in Districts 4, 5, and 6.



STIP Investments Report Statewide Region

STIP: 2025 - 2029 (D)

Year	MassDOT Project ID	MPO	Municipality	MassDOT Project Description	District	Funding Source	Adjusted TFPC	Total Programmed Funds	Federal Funds	Non-Federal Funds	MPO Project Score	Entity Receiving Transfer	PSAC Score	Earmark Details	Proponent	Other Information
Federal Fiscal Year 2028								\$166,781,592	\$135,764,036	\$31,017,556						
Intelligent Transportation Systems								\$10,309,868	\$8,247,894	\$2,061,974						
2028	S12783	Statewide		STATEWIDE ITS Program - 2024-2028		NHPP	\$47,037,500	\$10,309,868	\$8,247,894	\$2,061,974						
Safe Routes to School								\$13,120,467	\$10,496,374	\$2,624,093						
2028	S12903	Statewide		SRTS Placeholder for FY28		TAP	\$13,120,467	\$13,120,467	\$10,496,374	\$2,624,093						
Section 3A / Federal Aid Funded Planning/Adjustments/Pass-throughs								\$65,722,672	\$52,578,138	\$13,144,534						
Carbon Reduction								\$25,347,626	\$20,278,101	\$5,069,525						
2028	S12912	Statewide		Carbon Reduction Program Placeholder (FFY 2028) - Flex to FTA for use by RTAs		CRP	\$9,523,011	\$9,523,011	\$7,618,409	\$1,904,602		FTA				Placeholder TFPC based on sum of non-flex CRP apportionment for non-Boston
2028	S12913	Statewide		Carbon Reduction Program Placeholder (FFY 2028) - Flex to FTA for use by MBTA		CRP	\$15,824,615	\$15,824,615	\$12,659,692	\$3,164,923		FTA				Placeholder TFPC based on sum of non-flex CRP apportionment for Boston UZA
State Planning & Research								\$23,867,841	\$19,094,273	\$4,773,568						
2028	S12926	Statewide		State Planning & Research (SPR) 1 Work Program (FFY 2029)		PLS	\$18,750,000	\$17,617,841	\$14,094,273	\$3,523,568						
2028	S12927	Statewide		State Planning & Research (SPR) 2 Work Program (FFY 2029)		PLS	\$6,250,000	\$6,250,000	\$5,000,000	\$1,250,000						
Metropolitan Planning								\$15,023,794	\$12,019,035	\$3,004,759						
2028	S12934	Statewide		Metropolitan Planning (FFY 2029 UPWPs) - PL & SPR		PLM	\$20,191,357	\$15,023,794	\$12,019,035	\$3,004,759						
Recreational Trails								\$1,483,411	\$1,186,729	\$296,682						
2028	S12955	Statewide		RECREATIONAL TRAILS PROGRAM (FFY 2028)		REC	\$1,483,411	\$1,483,411	\$1,186,729	\$296,682						Match to be provided by DCR.



STIP Investments Report Statewide Region

STIP: 2025 - 2029 (D)

Year	MassDOT Project ID	MPO	Municipality	MassDOT Project Description	District	Funding Source	Adjusted TFPC	Total Programmed Funds	Federal Funds	Non-Federal Funds	MPO Project Score	Entity Receiving Transfer	PSAC Score	Earmark Details	Proponent	Other Information
Federal Fiscal Year 2029								\$167,553,860	\$135,143,088	\$32,410,772						
Section 1B / Earmark or Discretionary Grant Funded Projects								\$23,328,269	\$18,662,615	\$4,665,654						
State Planning & Research								\$1,154,803	\$923,842	\$230,961						
2029	S12928	Statewide		State Planning & Research (SPR) 1 Work Program (FFY 2030)		SP5304	\$18,750,000	\$1,154,803	\$923,842	\$230,961						
Metropolitan Planning								\$5,270,914	\$4,216,731	\$1,054,183						
2029	S12935	Statewide		Metropolitan Planning (FFY 2030 UPWPs) - PL & SPR		MP5303	\$20,595,184	\$5,270,914	\$4,216,731	\$1,054,183						
Electric Vehicle Infrastructure								\$16,902,552	\$13,522,042	\$3,380,510						
2029	S12951	Statewide		Electric Vehicle Infrastructure (FFY 2029)		NEVI	\$16,902,552	\$16,902,552	\$13,522,042	\$3,380,510						
Section 2A / Federal Aid Funded State Prioritized Reliability Projects								\$52,481,728	\$43,085,382	\$9,396,346						
Bridge Inspections								\$11,481,728	\$9,185,382	\$2,296,346						
2029	S12759	Statewide		2028 Bridge Inspection & Data Control		NHPP	\$29,381,728	\$11,481,728	\$9,185,382	\$2,296,346						
Safety Improvements								\$11,000,000	\$9,900,000	\$1,100,000						
2029	S12894	Statewide		VRU SYSTEMIC SAFETY NEAR BUS STOPS - 2029		VUS	\$4,000,000	\$4,000,000	\$3,600,000	\$400,000						
2029	S12897	Statewide		GUIDE AND TRAFFIC SIGN REPLACEMENT PLACEHOLDER		HSIP	\$7,000,000	\$7,000,000	\$6,300,000	\$700,000						
Bridge Systematic Maintenance								\$30,000,000	\$24,000,000	\$6,000,000						
2029	S12905	Statewide		Place holder for core funded systematic bridge maintenance		NHPP	\$30,000,000	\$30,000,000	\$24,000,000	\$6,000,000						
Section 2B / Federal Aid Funded State Prioritized Modernization Projects								\$25,236,407	\$20,189,126	\$5,047,281						
ADA Retrofits								\$10,236,407	\$8,189,126	\$2,047,281						
2029	613661	Statewide		DISTRICT 1- ACCESSIBILITY IMPROVEMENTS AT MULTIPLE LOCATIONS (WESTERN PROJECT)	1	STBG	\$947,175	\$947,175	\$757,740	\$189,435						
2029	613670	Statewide		DISTRICT 2- ACCESSIBILITY IMPROVEMENTS AT MULTIPLE LOCATIONS (SOUTHERN PROJECT)	2	STBG	\$2,152,317	\$2,152,317	\$1,721,854	\$430,463						
2029	613672	Statewide		DISTRICT 3- ACCESSIBILITY IMPROVEMENTS AT MULTIPLE LOCATIONS (NORTHERN PROJECT)	3	STBG	\$2,038,113	\$2,038,113	\$1,630,490	\$407,623						
2029	613673	Statewide		DISTRICT 3- ACCESSIBILITY IMPROVEMENTS AT MULTIPLE LOCATIONS (CENTRAL PROJECT)	3	STBG	\$1,598,802	\$1,598,802	\$1,279,042	\$319,760						
2029	S12906	Statewide		STATEWIDE ACCESSIBILITY IMPROVEMENTS AT MULTIPLE LOCATIONS (DISTRICT 4, 5 , AND 6)		STBG	\$11,500,000	\$3,500,000	\$2,800,000	\$700,000						Placeholder for multiple location projects to be initiated in Districts 4, 5, and 6.
Safe Routes to School								\$15,000,000	\$12,000,000	\$3,000,000						
2029	S12902	Statewide		SRTS Placeholder for FY29		TAP	\$15,000,000	\$15,000,000	\$12,000,000	\$3,000,000						



STIP Investments Report Statewide Region

STIP: 2025 - 2029 (D)

Year	MassDOT Project ID	MPO	Municipality	MassDOT Project Description	District	Funding Source	Adjusted TFPC	Total Programmed Funds	Federal Funds	Non-Federal Funds	MPO Project Score	Entity Receiving Transfer	PSAC Score	Earmark Details	Proponent	Other Information
Federal Fiscal Year 2029								\$167,553,860	\$135,143,088	\$32,410,772						
Section 3A / Federal Aid Funded Planning/Adjustments/Pass-throughs								\$66,507,456	\$53,205,965	\$13,301,491						
Carbon Reduction								\$25,854,578	\$20,683,662	\$5,170,916						
2029	S12914	Statewide		Carbon Reduction Program Placeholder (FFY 2029) - Flex to FTA for use by RTAs		CRP	\$9,713,471	\$9,713,471	\$7,770,777	\$1,942,694		FTA				Placeholder TFPC based on sum of non-flex CRP apportionment for non-Boston UZAs and proportionate flex CRP apportionment, with 20% match provided by State.
2029	S12915	Statewide		Carbon Reduction Program Placeholder (FFY 2029) - Flex to FTA for use by MBTA		CRP	\$16,141,107	\$16,141,107	\$12,912,886	\$3,228,221		FTA				Placeholder TFPC based on sum of non-flex CRP apportionment for Boston UZA and proportionate flex CRP apportionment, with 20% match provided by MBTA.
State Planning & Research								\$23,845,197	\$19,076,158	\$4,769,039						
2029	S12928	Statewide		State Planning & Research (SPR) 1 Work Program (FFY 2030)		PLS	\$18,750,000	\$17,595,197	\$14,076,158	\$3,519,039						
2029	S12929	Statewide		State Planning & Research (SPR) 2 Work Program (FFY 2030)		PLS	\$6,250,000	\$6,250,000	\$5,000,000	\$1,250,000						
Metropolitan Planning								\$15,324,270	\$12,259,416	\$3,064,854						
2029	S12935	Statewide		Metropolitan Planning (FFY 2030 UPWPs) - PL & SPR		PLM	\$20,595,184	\$15,324,270	\$12,259,416	\$3,064,854						
Recreational Trails								\$1,483,411	\$1,186,729	\$296,682						
2029	S12956	Statewide		RECREATIONAL TRAILS PROGRAM (FFY 2029)		REC	\$1,483,411	\$1,483,411	\$1,186,729	\$296,682						Match to be provided by DCR.

MBTA Federal Capital Program
FFY 2024 and FFY 2025-2029 TIP - Project List and Descriptions (80% Federal Share) - April 2024

Funds	TIP Program	CIP ID#	Project Name	FFY 2024	FFY 2025-2029	Total (Federal)	Project Description
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FTA Formula Funds (5307, 5337, 5339)

5307 - Bridge and Tunnel

5307	Bridge and Tunnel	P0014	Merrimack River Bridge	\$0	\$800,000	\$800,000	Rehabilitation, strengthening, and painting of the superstructure of the Merrimack River and Washington Street Bridges. Includes repairs to stone piers, substructure, scour countermeasures, and replacement of bearings.
5307	Bridge and Tunnel	P1107	Bridge Program Pipeline - Rehabilitation, Repair and Replacement	\$0	\$75,200,000	\$75,200,000	This program uses information provided through the bridge inspection and load rating program to design and construct prioritized bridge rehabilitation, repair, or replacement projects.
				\$0	\$76,000,000	\$76,000,000	

5307 - Revenue Vehicles

5307	Revenue Vehicles	P0369	Green Line Type 10 Vehicle Replacement Program	\$20,117,766	\$327,554,314	\$347,672,080	Procurement of 102 new fully-accessible light rail vehicles and related infrastructure improvements to replace the existing Type 7 and Type 8 fleets, with additional optional cars available in the contract to support increased system capacity.
5307	Revenue Vehicles	P0618	Procurement of 40ft Enhanced Electric Hybrid Buses	\$0	\$109,093,636	\$109,093,636	Procurement of 460 40ft Enhanced Electric Hybrid (EEH) buses to replace 310 40ft diesel buses purchased in 2006-2008 and support more reliable, efficient, and sustainable operations. Includes vehicle testing, warranty, and inspection.
5307	Revenue Vehicles	P0649	Option Order Procurement of New Flyer Hybrid 40ft Buses	\$239,140	\$0	\$239,140	Procurement of 194 40ft buses with hybrid propulsion to replace an aging fleet and improve fuel economy.
5307	Revenue Vehicles	P0652	Procurement of 100 Bi-Level Commuter Rail Coaches	\$0	\$35,076,265	\$35,076,265	Procurement of 100 Bi-Level Commuter Rail coaches to replace aging single-level coaches, expand capacity from 120 to 180 passengers per coach, reduce number of coaches required, and mitigate operational bottlenecks.
5307	Revenue Vehicles	P0860	Hybrid Bus Overhaul (New Flyer XDE40 - SR 1881)	\$0	\$1,440,000	\$1,440,000	Midlife overhaul of major systems and components (e.g., engine, battery upgrade, drive unit, cooling systems, axles, brakes) of 60 40ft BAE hybrid buses to ensure reliable and safe operations and to meet FTA service life requirements.
5307	Revenue Vehicles	P0911	Hybrid Bus Overhaul (New Flyer XDE40 - SR1983)	\$16,598,573	\$36,617,549	\$53,216,122	Midlife overhaul of major systems and components of 156 40ft hybrid buses to ensure reliable and safe operations that meet FTA requirements. Also includes condition assessment activities for 175 40ft CNG buses, and 45 60ft hybrid buses.
5307	Revenue Vehicles	P1154	CNG Bus Overhaul (New Flyer XN40 - SR 1982)	\$28,000,000	\$0	\$28,000,000	Planning for the midlife overhaul of 175 40-foot New Flyer CNG buses delivered 2016 to 2017. These buses require overhaul of major systems and components to ensure continued reliable and safe operations and to meet FTA service life requirements.
5307	Revenue Vehicles	P1162	Reliability Centered Maintenance - Blue, Orange and Red Line	\$0	\$28,320,000	\$28,320,000	Improvements to trucks, brakes, motors, current collectors, propulsion, and auxiliary fuses on the Blue Line and improvements to propulsion, brakes, HVAC, and doors on the Red and Orange Lines.
				\$64,955,479	\$538,101,764	\$603,057,243	

5307 - Signals and Systems

5307	Signals and Systems	P0285	Signal Program - Red/Orange Line	\$0	\$71,578,427	\$71,578,427	Replacement and upgrade of signal equipment on the Red and Orange Lines. Includes renewal of track circuit modules using latest digital audio frequency technology and replacement of wayside equipment.
5307	Signals and Systems	P0857	Mattapan HSL Transformation	\$0	\$69,861,295	\$69,861,295	State of good repair and accessibility improvements, power upgrades, and other infrastructure investments on the Mattapan Line.
5307	Signals and Systems	P0912	Systemwide Tunnel Flood Mitigation Program	\$0	\$5,600,000	\$5,600,000	Planning, training, and infrastructure improvements to make the tunnel network more resilient to flooding exposures due to storm surge, precipitation, and sea level rise.
5307	Signals and Systems	P1210	PILC-EPR Medium Voltage Cable Replacement Program	\$0	\$11,800,000	\$11,800,000	Replacement of medium voltage AC cables that are beyond their useful life between traction power substations to maintain a state of good repair and reduce lead exposure risk to employees.
5307	Signals and Systems	P1212	Systemwide 15kV Feeder and Duct Bank Replacement	\$0	\$7,200,000	\$7,200,000	Design and systemwide replacement of cables with Paper Insulated Lead Covered (PILC) feeders with new cables containing Ethylene Propylene Rubber (EPR) feeders to increase employee safety and power system resiliency.
5307	Signals and Systems	P1213	Systemwide SCADA Equipment Upgrade	\$0	\$7,200,000	\$7,200,000	Equipment and fiber optic network upgrades to the Supervisory Control and Data Acquisition (SCADA) system that controls critical power infrastructure. Upgrades incl. a new master terminal, programmable logic controllers, and remote terminal units.
5307	Signals and Systems	P1255	Track Improvement Plan - Green and Blue Lines	\$20,775,823	\$0	\$20,775,823	Implementation of the MBTA Track Improvement Plan to remove speed restrictions on the Green and Blue Lines.
5307	Signals and Systems	P1263	Track Improvement Program - Red Line	\$147,976,778	\$0	\$147,976,778	Implementation of the MBTA Track Improvement Plan to remove speed restrictions on the Red Line.
				\$168,752,601	\$173,239,722	\$341,992,323	

5307 - Stations and Facilities

5307	Stations and Facilities	P0066a	Quincy Adams Accessibility Improvements	\$126,633	\$0	\$126,633	Replacement of three existing elevators and addition of new elevator at Quincy Adams, according to ADA/BCIL requirements. Also includes upgrades to mechanical, communication, and safety systems, as well as wayfinding signage.
5307	Stations and Facilities	P0066e	Harvard/Central Elevator	\$400,000	\$0	\$400,000	Replacement of existing station elevator No. 821 at Harvard Square and No. 861 at Central Square on the Red Line, per ADA/BCIL requirements. Also includes replacement of central escalator No. 360.
5307	Stations and Facilities	P0066g	Downtown Crossing Elevator Phase 1	\$72,000	\$0	\$72,000	Installation of two new elevators at Downtown Crossing to meet ADA and BCIL requirements. Includes exit gate improvements, creation of 'points of safety' with fire/smoke rated wall and door assemblies, and a new fire alarm system.
5307	Stations and Facilities	P0075	Elevator Program Multiple Location Design	\$6,632,106	\$20,636,654	\$27,268,761	Design and some construction work for the replacement of elevators and/or addition of new, redundant elevators and related wayfinding amenities at transit stations.
5307	Stations and Facilities	P0104	Charlestown Bus - Seawall Rehabilitation	\$2,000,000	\$0	\$2,000,000	Stabilization of the Mystic River shoreline and replacement of existing seawall to protect Charlestown Bus Facility from flooding. Includes a collaboration with Massachusetts DCR to build a multi-use public path along the seawall.
5307	Stations and Facilities	P0165	Harvard Square Busway Repairs	\$993,026	\$0	\$993,026	Rehabilitation of roadway, lighting, signage, drainage, and catenary systems in the Harvard busway and accessibility upgrades to ensure near level boarding for the 71 and 73 buses.
5307	Stations and Facilities	P0671a	Quincy Bus Facility Modernization	\$52,521,372	\$42,528,597	\$95,049,968	Relocation and replacement of the Quincy Bus Maintenance Facility. The new, modernized facility will expand capacity and includes the infrastructure necessary to support the MBTA's first battery-electric bus (BEB) fleet.
5307	Stations and Facilities	P0671b	Arborway Bus Facility - Design Funding	\$0	\$22,320,000	\$22,320,000	Design funding to support the construction of a new Arborway bus facility to accommodate battery electric bus (BEB) infrastructure and bus electrification.
5307	Stations and Facilities	P0671c	North Cambridge Bus Facility Retrofit	\$30,928,812	\$0	\$30,928,812	Renovation of North Cambridge facility to support conversion to battery electric bus (BEB) fleets and bus electrification.
5307	Stations and Facilities	P0912a	Airport Tunnel Portal Flood Protection	\$0	\$16,398,322	\$16,398,322	Addition of floodgates and large steel doors to the entrance of the Blue Line tunnel at the tunnel's Airport Portal to prevent flooding. Includes updates to pump rooms and traction power systems.
5307	Stations and Facilities	P0912b	Systemwide Pump Room Upgrades	\$0	\$1,920,000	\$1,920,000	Design phase funding for state of good repair improvements to rapid transit and Silver Line tunnel pump rooms, including state of good repair and SCADA upgrades.
5307	Stations and Facilities	P1011	Green Line Extension Vehicle Maintenance Facility Modifications & Upgrades	\$0	\$9,943,729	\$9,943,729	Design and installation of a new hoist at the Green Line Extension (GLX) Vehicle Maintenance Facility to accommodate the future Type 10 fleet.

5307	Stations and Facilities	P1103	Reservoir Yard and Non-Revenue Track Optimization and Reconfiguration	\$0	\$24,424,868	\$24,424,868	Reconfiguration of various track elements at Reservoir, including the lower west yard, East/West Wye, Chestnut Hill Avenue connection, B-branch connection, and non-revenue track around Cleveland Circle.
5307	Stations and Facilities	P1216	Everett Building 2 Floor Repairs	\$0	\$15,031,457	\$15,031,457	Repairs to the heavily deteriorated structure on the first floor of Everett's Building 2 facility that supports heavy rail service.
5307	Stations and Facilities	P1225	Systemwide Escalator and Elevator Replacement Program	\$0	\$12,000,000	\$12,000,000	Replacement of escalators and elevators systemwide that are in poor condition, have limited parts available, and require replacement as identified in the MBTA's 20-Year Vertical Transportation Capital Plan.
5307	Stations and Facilities	P1232	Green Line D Branch Enhanced Accessibility Improvements	\$0	\$18,297,716	\$18,297,716	Accessibility improvements on the Green Line D Branch to improve existing station entrances and increase accessibility.
				\$93,673,949	\$183,501,344	\$277,175,293	

5307 - Preventive Maintenance

5307	Preventive Maintenance	N/A	Preventive Maintenance	\$12,500,000	\$37,500,000	\$50,000,000	Preventive maintenance activities eligible for FTA reimbursement.
				\$12,500,000	\$37,500,000	\$50,000,000	

5337 - Bridge and Tunnel

5337	Bridge and Tunnel	P0006	Gloucester Drawbridge Replacement	\$2,028,934	\$0	\$2,028,934	Replacement of Gloucester Drawbridge on the Rockport Line. The new bridge will consist of a moveable bascule span with two independent barrels, two spans of precast concrete box beams, a new steel superstructure, and a new micro-pile abutment.
5337	Bridge and Tunnel	P0008	Emergency Bridge Design / Inspection & Rating	\$1,796,261	\$0	\$1,796,261	Funding to support as-needed emergency design, inspection, and rating of bridges.
5337	Bridge and Tunnel	P0009	Bridges - Design	\$4,479,231	\$4,333,605	\$8,812,836	Design funding to support the repair, rehabilitation, and replacement of bridges across the system.
5337	Bridge and Tunnel	P0018	North Station Draw 1 Bridge Replacement	\$40,247,016	\$409,290,315	\$449,537,332	Replacement of North Station Draw 1 bridge structures and control tower. Includes construction of three new vertical lift bridges, and extension of existing station platform to accommodate track 11 and 12.
5337	Bridge and Tunnel	P0495	Bridge Bundling Contract	\$20,800,000	\$0	\$20,800,000	Replacement of six Commuter Rail bridges at Intervale Rd. in Weston; Bacon St. in Wellesley; High Line Bridge in Somerville; Lynn Fells Parkway in Melrose; Parker St. in Lawrence; and Commercial St. in Lynn.
5337	Bridge and Tunnel	P0551	Longfellow Approach	\$0	\$41,902,447	\$41,902,447	Rehabilitation of Longfellow Approach viaduct, Span 1 of the Longfellow Bridge, and station platforms at Charles/MGH Station. Includes new track, power, communication and signal systems, and additional emergency egress and redundant elevators.
5337	Bridge and Tunnel	P0552	Dorchester Avenue Bridge	\$8,000,000	\$0	\$8,000,000	Replacement of Dorchester Avenue Bridge and installation of a new tunnel roof beneath the bridge.
5337	Bridge and Tunnel	P0627	Systemwide Bridge Inspection and Rating	\$17,285,716	\$18,461,005	\$35,746,721	Program to support in-depth inspection and load rating of MBTA-owned bridges at regular intervals. Load ratings are used to establish a systemwide priority list of bridge repairs, rehabilitation, and replacement.
5337	Bridge and Tunnel	P0892	Saugus Drawbridge Replacement	\$8,000,000	\$0	\$8,000,000	Design of Saugus Drawbridge replacement on the Newburyport/Rockport Line. The new bridge would include a widened approach embankment, a new control house, signal upgrades, and relocation of submerged utilities.
5337	Bridge and Tunnel	P0907	East Street Bridge Replacement (Dedham)	\$16,000,000	\$0	\$16,000,000	Replacement of East Street bridge carrying the Franklin Line in Dedham. The new bridge will feature improved vertical and horizontal clearance, improved roadway features, and improved pedestrian and vehicle access to East Street.
5337	Bridge and Tunnel	P1107	Bridge Program Pipeline - Rehabilitation, Repair and Replacement	\$16,000,000	\$0	\$16,000,000	This program uses information provided through the bridge inspection and load rating program to design and construct prioritized bridge rehabilitation, repair, or replacement projects.
5337	Bridge and Tunnel	P1115	South Elm Street Bridge Replacement	\$4,095,886	\$0	\$4,095,886	Replacement of South Elm Street bridge on the Haverhill Line serving Commuter Rail, Downeaster, and Pan Am freight trains.
5337	Bridge and Tunnel	P1116	Systemwide Culvert Inspection and Load Rating	\$0	\$10,000,000	\$10,000,000	Inventory, inspection, and load rating of the MBTA's approx. 1,300 culverts supporting in-service structures systemwide. The scope of work includes an initial inspection to establish baseline condition, followed by inspection every five years.
5337	Bridge and Tunnel	R0074	Tunnel Inspection Systemwide	\$5,243,025	\$6,000,000	\$11,243,025	Ongoing inspection and rating of Red Line, Orange Line, Green Line, and Blue Line tunnels.
				\$143,976,069	\$489,987,372	\$633,963,441	

5337 - Revenue Vehicles

5337	Revenue Vehicles	P0239	F40 Commuter Rail Locomotive Overhaul	\$35,391,580	\$0	\$35,391,580	Overhaul of 37 F40 Commuter Rail locomotives to improve reliability and reduce risk of unplanned maintenance.
5337	Revenue Vehicles	P0370	Green Line Train Protection	\$0	\$25,221,545	\$25,221,545	Procurement and installation of on-board and wayside equipment for a train protection and information system on the Green Line to mitigate red signal violations, train-to-train collisions, derailments, and intrusions into work zones.
5337	Revenue Vehicles	P0918	Rail Transformation - Future Rolling Stock	\$0	\$40,000,000	\$40,000,000	Planning funds to support future procurement of 25 electrified or decarbonized Commuter Rail rolling stock to replace the oldest vehicles in the fleet and support rail electrification.
5337	Revenue Vehicles	P0927	Rolling Stock - Locomotive and Coach State of Good Repair and Resiliency	\$6,000,000	\$0	\$6,000,000	Program to upgrade system reliability, correct deficiencies, standardize procedures, and increase equipment availability for Commuter Rail rolling stock through vehicle procurement, testing, service life enhancement, and overhauls.
5337	Revenue Vehicles	P1173	HSP46 Locomotive Overhaul	\$0	\$100,456,813	\$100,456,813	Midlife overhaul of 40 HSP46 Locomotives to improve reliability and reduce risk of unplanned maintenance.
				\$41,391,580	\$165,678,358	\$207,069,938	

5337 - Signals and Systems

5337	Signals and Systems	P1315	Fairmount Line Infrastructure for Decarbonized Service	\$0	\$47,948,800	\$47,948,800	Delivery of infrastructure necessary to operate decarbonized service every 20 minutes on the Fairmount line.
5337	Signals and Systems	P0146	SCADA Upgrades	\$1,600,000	\$0	\$1,600,000	Upgrades to the Power Supervisory Control and Data Acquisition (SCADA) communication network from leased lines to the Security Wide Area Network (SWAN) to provide high-speed ethernet connection at 24 traction power substations and unit substations.
5337	Signals and Systems	P0261	Worcester Line Track and Station Accessibility Improvements	\$0	\$25,885,742	\$25,885,742	New third track and realignment of existing tracks on the Framingham and Worcester Commuter Rail lines between Weston and Framingham. Includes upgrades to Wellesley Farms, Wellesley Hills, Wellesley Square, and West Natick Stations.
5337	Signals and Systems	P0283	Green Line Central Tunnel Signal - 25 Cycle	\$3,840,000	\$0	\$3,840,000	Replacement of 25Hz track circuits with 100Hz track circuits in the Green Line central tunnel. Includes replacement of track circuit cable, trough, messenger, cases, relays, rectifiers, and signal power equipment.
5337	Signals and Systems	P0301	Systemwide Radio	\$73,952,935	\$39,033,557	\$112,986,492	Upgrade of the MBTA's existing two-way radio system used by MBTA Transit Police and operations personnel. This project includes mobile radios for heavy rail, light rail, and bus vehicles.
5337	Signals and Systems	P0591	Green Line Central Tunnel Track and Signal Replacement	\$0	\$4,317,546	\$4,317,546	Rehabilitation and upgrades to signal and track infrastructure within the Green Line Central Tunnel. Includes central instrumentation houses and signal, track, and power systems at Copley, Park Street, and Government Center.
5337	Signals and Systems	P0904	Systemwide Asset Management Program Phase 3	\$7,600,000	\$0	\$7,600,000	Continuation of implementing the Asset Management Program in accordance with FTA requirements. Includes professional services, audit, inventory, condition assessments, updates to the National Transit Database, and Transit Asset Management Plan.
5337	Signals and Systems	P1104	Traction Power Substation Replacement	\$5,760,000	\$4,000,000	\$9,760,000	Complete replacement of electrical systems and structural, mechanical, and plumbing improvements at aging traction power substations (TPSS). This scope also includes a TPSS Design Guide to standardize future improvements.

5337	Signals and Systems	P1132	Ashmont Branch Track Replacement	\$4,000,000	\$0	\$4,000,000	Design and construction for partial reconstruction of track and track support systems on the Ashmont Branch of the Red Line.
5337	Signals and Systems	P1139	Asset Management Program	\$23,013,222	\$22,103,573	\$45,116,794	Implementation of the MBTA Asset Management Program in accordance with FTA requirements, including asset inventory and condition assessments, updates to the National Transit Database and the Transit Asset Management Plan, and EAMS implementation.
5337	Signals and Systems	P1260	Track Improvement Program – Orange Line	\$71,975,633	\$0	\$71,975,633	Implementation of the MBTA Track Improvement Plan to remove speed restrictions on the Orange Line.
				\$191,741,790	\$143,289,218	\$335,031,008	

5337 - Stations and Facilities

5337	Stations and Facilities	P0003	Green Line B Branch Consolidation	\$295,716	\$0	\$295,716	Consolidation of four Green Line B-Branch stops into two new, fully accessible stations: Babcock Street and Amory Street. Features include accessible boarding and exits, security and lighting upgrades, and longer platforms to accommodate Type 10s.
5337	Stations and Facilities	P0066	Elevator Program	\$1,485,474	\$0	\$1,485,474	Design and construction funding for elevator improvements on the rapid transit system. Individual elevator projects are separated into unique projects once construction stage is reached.
5337	Stations and Facilities	P0074	Downtown Crossing Vertical Transportation Improvements Phase 2	\$62,208,880	\$0	\$62,208,880	Design and construction of 3 new elevators to provide vertical transfers from the Red Line northbound to the Orange Line southbound platform, and from the Orange Line northbound to the Red Line southbound platform at Downtown Crossing.
5337	Stations and Facilities	P0076	Oak Grove Station Vertical Transportation Improvements	\$800,000	\$0	\$800,000	Accessibility upgrades at Oak Grove station, including three elevators, replacement of one existing elevator, sidewalk repairs, and wayfinding and station-brightening improvements.
5337	Stations and Facilities	P0087	Braintree and Quincy Adams Garage Rehabilitation	\$11,576,003	\$0	\$11,576,003	Full rehabilitation of the Red Line's Braintree Station and Quincy Adams Station parking garages to extend the operable service life of each facility by forty years.
5337	Stations and Facilities	P0129	Newton Highlands Green Line Station Accessibility Project	\$0	\$53,746,443	\$53,746,443	Accessibility improvements at Newton Highlands Station on the Green Line D Branch, including three ramps covered with canopies, raised platforms, one at-grade pedestrian crossing, site lighting, new platform shelters, and covered bike racks.
5337	Stations and Facilities	P0163	Forest Hills Improvement Project	\$26,089,764	\$0	\$26,089,764	Accessibility and state of good repair improvements at Forest Hills Station. Includes elevator replacement, new elevator/stair tower to connect upper and lower busway, accessibility upgrades, station brightening, wayfinding, and platform repairs.
5337	Stations and Facilities	P0168	Symphony Station Improvements	\$0	\$0	\$0	Upgrade Symphony Station to a modern and fully accessible passenger facility. Includes construction of four new elevators, raised platforms, accessible restrooms, installation of egress stairs, and upgraded fire alarm systems.
5337	Stations and Facilities	P0169	Wollaston Station / Quincy Center Garage Demolition	\$2,535,477	\$0	\$2,535,477	Complete modernization of Wollaston Station, demolition of the top 3 levels of the Quincy Center parking garage, replacement of one elevator at Quincy Center, and construction of an accessible walkway from Burgin Parkway to Quincy Center Station.
5337	Stations and Facilities	P0174	Natick Center Station Accessibility Project	\$6,047,999	\$0	\$6,047,999	Reconstruction and modernization of Natick Center Station, including new fully accessible high-level side platforms, elevators, ramps, stairs, lighting, wayfinding, streetscape, upgraded tracks, and connection to the Cochrane Rail Trail.
5337	Stations and Facilities	P0179	Winchester Center Station	\$10,264,133	\$0	\$10,264,133	Reconstruction and modernization of Winchester Center Station including new fully accessible high-level side platforms, elevators, ramps, stairs, lighting, signage and wayfinding, streetscape improvements, and upgraded track infrastructure.
5337	Stations and Facilities	P0395	Worcester Union Station Accessibility and Infrastructure Improvements	\$2,841,410	\$0	\$2,841,410	Includes high-level center platform with elevators, ramps, and stairs; replacement and realignment of station tracks; and construction of a new rail crossover to improve accessibility, operations, and service capacity at Worcester Union Station.
5337	Stations and Facilities	P0631b	Blue Line Communications Rooms Improvements	\$0	\$16,374,165	\$16,374,165	Rehabilitation of communications rooms along the Blue Line to bring them into a state of good repair and support the implementation of Fare Transformation.
5337	Stations and Facilities	P0679	Codman Yard Expansion and Improvements	\$0	\$39,009,110	\$39,009,110	Improvements to Codman Yard, including in-kind replacement of existing infrastructure and the expansion of storage capacity to support the new Red Line trains.
5337	Stations and Facilities	P0856	Ruggles Station Improvements Phase 2	\$99,625,355	\$0	\$99,625,355	Continuation of Ruggles Station Improvements to address accessibility, code-compliance, and state-of-good repair issues. Includes repair, reconstruction, and improvements to platforms, entrances, stairs, elevators, ramps, restrooms, and wayfinding.
5337	Stations and Facilities	P0923	E Branch Accessibility & Capacity Improvements	\$0	\$68,752,659	\$68,752,659	Improvements to surface track and stations on the E branch of the Green Line, extending from the Northeastern Station portal to Heath Street Station.
5337	Stations and Facilities	P0924	B Branch Accessibility & Capacity Improvements	\$0	\$56,550,959	\$56,550,959	Track realignments, accessibility improvements, potential consolidation, and station and traction power upgrades along the Green Line B branch between Blandford St. and Warren St. Stations.
5337	Stations and Facilities	P1010	Riverside Vehicle Maintenance Facility Modifications & Upgrades	\$0	\$38,592,184	\$38,592,184	Upgrades to existing hoists, pits, and mezzanines at the Riverside Vehicle Maintenance Facility to accommodate the future Type 10 fleet.
5337	Stations and Facilities	P1025	Lynn Station Parking Garage Deconstruction	\$13,470,767	\$4,879,470	\$18,350,236	Decommissioning of the closed Lynn Station parking garage.
5337	Stations and Facilities	P1101	Lake Street Complex Demolition and Reconfiguration	\$0	\$4,989,028	\$4,989,028	Demolition of the Lake Street facility and reconfiguration into an expanded yard. The site will be designed to maximize train storage, streamline yard operations, and eliminate a sharp curve in anticipation of the larger Type 10 light rail fleet.
5337	Stations and Facilities	P1171	Billerica MOW Repair and Storage Facility	\$0	\$7,948,908	\$7,948,908	Funds to design and construct a new, fully accessible Commuter Rail maintenance facility, storage yards, and tracks in Billerica, with eight service bays, wash bay, overhead bridge crane, office space, and employee amenities.
5337	Stations and Facilities	P1222	Codman Yard Storage and Office Facility	\$0	\$7,650,400	\$7,650,400	Establishment of a dedicated storage and office facility at the Codman Yard to house staff and to store, repair, and maintain critical equipment.
5337	Stations and Facilities	R0069	Park Street Station Wayfinding Improvements	\$1,610,880	\$0	\$1,610,880	Various improvements to lighting, CCTV placement, wayfinding and illuminated exit signage, Braille signage, floor finishes, benches, and 24 staircases at Park Street. Includes artwork restoration and reopening of Tremont Street's Temple Place stairs.
5337	Stations and Facilities	R0071	Lynn Station and Parking Garage Improvements Phase II	\$2,581,808	\$0	\$2,581,808	Design funding for new elevators, stairs, platform, canopy, and architectural improvements to the station and the intent to acquire and demolish structures under station's viaduct. Existing parking garage will also be replaced by surface parking.
				\$241,433,664	\$298,493,326	\$539,926,990	

5337 - Preventive Maintenance

5337	Preventive Maintenance	N/A	Preventive Maintenance	\$35,287,500	\$105,862,500	\$141,150,000	Preventive maintenance activities eligible for FTA reimbursement.
				\$35,287,500	\$105,862,500	\$141,150,000	

5339 - Bus Program

5339	Bus Program	P0911	Hybrid Bus Overhaul (New Flyer XDE40 - SR1983)	\$0	\$28,667,507	\$28,667,507	Midlife overhaul of major systems and components of 156 40ft hybrid buses to ensure reliable and safe operations that meet FTA requirements. Also includes condition assessment activities for 175 40ft CNG buses, and 45 60ft hybrid buses.
5339	Bus Program	P1154	CNG Bus Overhaul (New Flyer XN40 - SR 1982)	\$12,116,517	\$3,261,941	\$15,378,458	Planning for the midlife overhaul of 175 40-foot New Flyer CNG buses delivered 2016 to 2017. These buses require overhaul of major systems and components to ensure continued reliable and safe operations and to meet FTA service life requirements.
				\$12,116,517	\$31,929,448	\$44,045,965	

Note: Project descriptions and dollar amounts are preliminary only and are provided for informational purposes. In many cases, the scopes of work and project budgets will become more fully developed as the design process proceeds and is completed. The MBTA may also opt to fund a project from a different FTA funding source based on the timing of projects and the availability of FTA funds.

RRIF/TIFIA Financing Program

Projects Potentially Funded by Federal RRIF/TIFIA Loans

RRIF/TIFIA Financing	P0671a	Quincy Bus Facility Modernization	Potential RRIF/TIFIA loan - amount and timing to be determined	Relocation and replacement of the Quincy Bus Maintenance Facility. The new, modernized facility will expand capacity and includes the infrastructure necessary to support the MBTA's first battery-electric bus (BEB) fleet.
RRIF/TIFIA Financing	P0952	Widett Layover and Maintenance Facility	Potential RRIF/TIFIA loan - amount and timing to be determined	Preliminary design for a Commuter Rail layover facility at Widett Circle in South Boston.
RRIF/TIFIA Financing	P0018	North Station Draw 1 Bridge Replacement	Potential RRIF/TIFIA loan - amount and timing to be determined	Replacement of North Station Draw 1 bridge structures and control tower. Includes construction of three new vertical lift bridges, and extension of existing station platform to accommodate track 11 and 12.
RRIF/TIFIA Financing	P0170	Newton Commuter Rail Stations Design	Potential RRIF/TIFIA loan - amount and timing to be determined	Design of a fully accessible Commuter Rail station in Newton with 400' platform and the potential for either a double-sided or center-running high-level platform.
RRIF/TIFIA Financing	P0178	South Attleboro Station Improvements	Potential RRIF/TIFIA loan - amount and timing to be determined	Design for the construction of a new South Attleboro station, to include 800-ft. high-level platforms, three elevators, platform access ramps, a bus bay, egress to Newport Ave., additional parking, improved vehicular circulation, updated lighting.
RRIF/TIFIA Financing	P0863	South-Side Commuter Rail Maintenance Facility	Potential RRIF/TIFIA loan - amount and timing to be determined	Assessment and design for a new Commuter Rail maintenance and layover facility at Readville. Includes design for future construction of multiple maintenance bays within Yard 1 and Upper Yard 2.

Note: The MBTA is exploring the use of federal loans through the Build America Bureau to finance certain capital projects at a lower interest rate than traditional tax-exempt bonds. This includes loans under the Railroad Rehabilitation & Improvement Financing (RRIF) and Transportation Infrastructure Finance and Innovation Act (TIFIA) programs. The projects listed above are being considered for this program, subject to the approval of funding through the CIP process. Additional project and funding information will be provided through a future TIP/Amendment if federal grant funds or loans are utilized.

MBTA Capital Program - Federal Funding
FFY 2024-2028 Transportation Improvement Program (TIP) Amendment - April 2024

Federal Funding Program	ALI	2024	2025	2026	2027	2028	FFY24-28 Total (Federal)	FFY24-28 Total (Incl. Match)
5307		\$339,882,029	\$197,611,190	\$202,682,910	\$202,682,910	\$202,682,910	\$1,145,541,949	\$1,431,927,436
Bridge & Tunnel Program	12.24.05	\$0	\$11,200,000	\$16,200,000	\$16,200,000	\$16,200,000	\$59,800,000	\$74,750,000
Revenue Vehicle Program	12.12.00	\$64,955,479	\$111,912,814	\$106,547,237	\$106,547,237	\$106,547,237	\$496,510,006	\$620,637,507
Signals/Systems Upgrade Program	12.63.01	\$168,752,601	\$16,780,660	\$39,114,766	\$39,114,766	\$39,114,766	\$302,877,557	\$378,596,947
Stations and Facilities Program	12.34.00	\$93,673,949	\$20,217,716	\$40,820,907	\$40,820,907	\$40,820,907	\$236,354,386	\$295,442,982
Preventive Maintenance	12.7A.00	\$12,500,000	\$37,500,000	\$0	\$0	\$0	\$50,000,000	\$62,500,000
5337		\$653,830,603	\$236,571,519	\$241,684,814	\$241,684,814	\$241,684,814	\$1,615,456,564	\$2,019,320,705
Bridge & Tunnel Program	12.24.05	\$143,976,069	\$24,143,068	\$116,461,076	\$116,461,076	\$116,461,076	\$517,502,365	\$646,877,957
Revenue Vehicle Program	12.12.00	\$41,391,580	\$0	\$41,419,590	\$41,419,590	\$41,419,590	\$165,650,349	\$207,062,936
Signals/Systems Upgrade Program	12.63.01	\$191,741,790	\$62,621,955	\$20,166,816	\$20,166,816	\$20,166,816	\$314,864,192	\$393,580,240
Stations and Facilities Program	12.34.00	\$241,433,664	\$43,943,996	\$63,637,332	\$63,637,332	\$63,637,332	\$476,289,658	\$595,362,072
Preventive Maintenance	12.7A.00	\$35,287,500	\$105,862,500	\$0	\$0	\$0	\$141,150,000	\$176,437,500
5339		\$12,116,517	\$6,261,816	\$6,416,908	\$6,416,908	\$6,416,908	\$37,629,057	\$47,036,322
Bus Program	11.14.00	\$12,116,517	\$6,261,816	\$6,416,908	\$6,416,908	\$6,416,908	\$37,629,057	\$47,036,322
FFY24-28 FTA Formula Funding		\$1,005,829,149	\$440,444,525	\$450,784,632	\$450,784,632	\$450,784,632	\$2,798,627,570	\$3,498,284,463
Other Federal		\$298,309,355	\$285,385,333	\$162,500,000	\$162,500,000	\$162,500,000	\$1,071,194,688	\$1,138,313,027
RRIF Financing - PTC/ATC/Fiber	12.63.01	\$0	\$100,085,333	\$0	\$0	\$0	\$100,085,333	\$100,085,333
RRIF/TIFIA Financing Program (Potential)	12.24.05	\$147,500,000	\$147,500,000	\$162,500,000	\$162,500,000	\$162,500,000	\$782,500,000	\$782,500,000
Newton Commuter Rail Stations (FTA)	12.34.02	\$7,000,000	\$0	\$0	\$0	\$0	\$7,000,000	\$8,750,000
Boston Regional TSP Program (ATTAIN)	11.23.01	\$2,960,000	\$0	\$0	\$0	\$0	\$2,960,000	\$2,960,000
Ashmont Station BEB Charger Design (APP)	11.41.20	\$127,367	\$0	\$0	\$0	\$0	\$127,367	\$159,209
Worcester Union Station (WRTA)	12.34.02	\$2,945,361	\$0	\$0	\$0	\$0	\$2,945,361	\$3,681,701
Attleboro Station Improvements (GATRA)	12.34.02	\$516,277	\$0	\$0	\$0	\$0	\$516,277	\$645,346
Quincy Bus Facility (FHWA Carbon Reduction)	11.43.02	\$20,551,211	\$0	\$0	\$0	\$0	\$20,551,211	\$25,689,014
Blue Hill Ave. Corridor Project (RAISE)	11.23.01	\$15,000,000	\$0	\$0	\$0	\$0	\$15,000,000	\$39,456,000
Lynnway Multimodal Corridor (RAISE)	11.23.01	\$20,250,000	\$0	\$0	\$0	\$0	\$20,250,000	\$25,312,500
Columbus Ave. Bus Lane Ph. II (CMAQ)	11.23.01	\$21,240,000	\$6,000,000	\$0	\$0	\$0	\$27,240,000	\$34,050,000
MBTA Catamaran Overhaul (FBP)	11.15.33	\$500,899	\$0	\$0	\$0	\$0	\$500,899	\$626,124
Lynn Station Improvements (STP)	12.34.02	\$38,480,000	\$0	\$0	\$0	\$0	\$38,480,000	\$48,100,000
Lynn Broad Street Corridor TSP (CMAQ)	11.23.01	\$238,240	\$0	\$0	\$0	\$0	\$238,240	\$297,800
Jackson Sq. Station Access Impr. (CMAQ)	12.34.02	\$9,800,000	\$17,000,000	\$0	\$0	\$0	\$26,800,000	\$33,500,000
Rail Transformation - Early Action CMAQ)	12.24.03	\$11,200,000	\$4,800,000	\$0	\$0	\$0	\$16,000,000	\$20,000,000
Central Station Accessibility Project	12.33.02	\$0	\$4,000,000	\$0	\$0	\$0	\$4,000,000	\$5,000,000
Nubian Square Bus Circulation Improv.	12.33.01	\$0	\$4,000,000	\$0	\$0	\$0	\$4,000,000	\$5,000,000
Pedal & Park System Modernization	12.43.42	\$0	\$2,000,000	\$0	\$0	\$0	\$2,000,000	\$2,500,000
FFY24-28 Total Federal Funding		\$1,304,138,504	\$725,829,858	\$613,284,632	\$613,284,632	\$613,284,632	\$3,869,822,258	\$4,636,597,489

Note:

FTA formula funds (5307, 5337 and 5339) are based on estimated apportionments for FFY24-28.

TIP programs and projects are based on the draft FY25-29 CIP and planned federal obligations as of Apr-24. Adjustments may be made to federal projects and budgets as the FY25-29 CIP is finalized.

The Activity Line Item (ALI) codes are preliminary only and generally reflect the bulk of the TIP program. Within a program there may be several different ALI codes used.

RRIF loan funding for the PTC/ATC/Fiber Resiliency project is based on the currently planned drawdown schedule and is subject to change.

RRIF/TIFIA financing program funding is an initial estimate and will be refined as projects are identified and loans are finalized with the Build America Bureau.

MBTA Capital Program - Federal Funding
FFY 2025-2029 Transportation Improvement Program (TIP) - April 2024

Federal Funding Program	ALI	2025	2026	2027	2028	2029	FFY25-29 Total (Federal)	FFY25-29 Total (Incl. Match)
5307		\$197,611,190	\$202,682,910	\$202,682,910	\$202,682,910	\$202,682,910	\$1,008,342,830	\$1,260,428,538
Bridge & Tunnel Program	12.24.05	\$11,200,000	\$16,200,000	\$16,200,000	\$16,200,000	\$16,200,000	\$76,000,000	\$95,000,000
Revenue Vehicle Program	12.12.00	\$111,912,814	\$106,547,237	\$106,547,237	\$106,547,237	\$106,547,237	\$538,101,764	\$672,627,205
Signals/Systems Upgrade Program	12.63.01	\$16,780,660	\$39,114,766	\$39,114,766	\$39,114,766	\$39,114,766	\$173,239,722	\$216,549,653
Stations and Facilities Program	12.34.00	\$20,217,716	\$40,820,907	\$40,820,907	\$40,820,907	\$40,820,907	\$183,501,344	\$229,376,680
Preventive Maintenance	12.7A.00	\$37,500,000	\$0	\$0	\$0	\$0	\$37,500,000	\$46,875,000
5337		\$236,571,519	\$241,684,814	\$241,684,814	\$241,684,814	\$241,684,814	\$1,203,310,775	\$1,504,138,468
Bridge & Tunnel Program	12.24.05	\$24,143,068	\$116,461,076	\$116,461,076	\$116,461,076	\$116,461,076	\$489,987,372	\$612,484,215
Revenue Vehicle Program	12.12.00	\$0	\$41,419,590	\$41,419,590	\$41,419,590	\$41,419,590	\$165,678,358	\$207,097,948
Signals/Systems Upgrade Program	12.63.01	\$62,621,955	\$20,166,816	\$20,166,816	\$20,166,816	\$20,166,816	\$143,289,218	\$179,111,523
Stations and Facilities Program	12.34.00	\$43,943,996	\$63,637,332	\$63,637,332	\$63,637,332	\$63,637,332	\$298,493,326	\$373,116,657
Preventive Maintenance	12.7A.00	\$105,862,500	\$0	\$0	\$0	\$0	\$105,862,500	\$132,328,125
5339		\$6,261,816	\$6,416,908	\$6,416,908	\$6,416,908	\$6,416,908	\$31,929,448	\$39,911,811
Bus Program	11.14.00	\$6,261,816	\$6,416,908	\$6,416,908	\$6,416,908	\$6,416,908	\$31,929,448	\$39,911,811
FFY25-29 FTA Formula Funding		\$440,444,525	\$450,784,632	\$450,784,632	\$450,784,632	\$450,784,632	\$2,243,583,053	\$2,804,478,816
Other Federal		\$285,385,333	\$162,500,000	\$162,500,000	\$162,500,000	\$162,500,000	\$935,385,333	\$944,835,333
RRIF Financing - PTC/ATC/Fiber	12.63.01	\$100,085,333	\$0	\$0	\$0	\$0	\$100,085,333	\$100,085,333
RRIF/TIFIA Financing Program (Potential)	12.24.05	\$147,500,000	\$162,500,000	\$162,500,000	\$162,500,000	\$162,500,000	\$797,500,000	\$797,500,000
Columbus Ave. Bus Lane Ph. II (CMAQ)	11.23.01	\$6,000,000	\$0	\$0	\$0	\$0	\$6,000,000	\$7,500,000
Jackson Sq. Station Access Impr. (CMAQ)	12.34.02	\$17,000,000	\$0	\$0	\$0	\$0	\$17,000,000	\$21,250,000
Rail Transformation - Early Action CMAQ)	12.24.03	\$4,800,000	\$0	\$0	\$0	\$0	\$4,800,000	\$6,000,000
Central Station Accessibility Project	12.33.02	\$4,000,000	\$0	\$0	\$0	\$0	\$4,000,000	\$5,000,000
Nubian Square Bus Circulation Improv.	12.33.01	\$4,000,000	\$0	\$0	\$0	\$0	\$4,000,000	\$5,000,000
Pedal & Park System Modernization	12.43.42	\$2,000,000	\$0	\$0	\$0	\$0	\$2,000,000	\$2,500,000
FFY25-29 Total Federal Funding		\$725,829,858	\$613,284,632	\$613,284,632	\$613,284,632	\$613,284,632	\$3,178,968,386	\$3,749,314,149

Note:

FTA formula funds (5307, 5337 and 5339) are based on estimated apportionments for FFY25-29.

TIP programs and projects are based on the draft FY25-29 CIP and planned federal obligations as of Apr-24. Adjustments may be made to federal projects and budgets as the FY25-29 CIP is finalized.

The Activity Line Item (ALI) codes are preliminary only and generally reflect the bulk of the TIP program. Within a program there may be several different ALI codes used.

RRIF loan funding for the PTC/ATC/Fiber Resiliency project is based on the currently planned drawdown schedule and is subject to change.

RRIF/TIFIA financing program funding is an initial estimate and will be refined as projects are identified and loans are finalized with the Build America Bureau.

Listing of Discretionary Projects

List of Discretionary Grants

Program Year	Federal Aid #	Agreement #	Execution Date	Applicant	Description	Grant Program	Grantor	Contact	Total Award	Federal Funds	Local Match	Local Match Source	Status
2022				City of Worcester	The award will be used by the City of Worcester to develop a comprehensive safety action plan.	Safe Streets for All (SS4A)			\$200,000	\$200,000	\$50,000		Awarded
2022				Town of Southbridge	The award will be used by the Town of Southbridge to develop a comprehensive safety action plan.	Safe Streets for All (SS4A)			\$60,000	\$60,000	\$38,000		Awarded
2023				City of Worcester	Main Street, from Madison/Chandler to Stafford/Park RAISE Planning Grant.	RAISE				\$1,980,000	\$220,000		Not Awarded
2022				City of Worcester	I-290 and Vernon Street Bridge Reconnecting Communities Planning Grant.	Reconnecting Communities Program (RCP)				\$2,000,000			Not Awarded
2023				CMRPC	Regional safety action plan & demonstration project in the City of Worcester in the Main South neighborhood.	Safe Streets for All (SS4A)			\$480,000	\$480,000	\$120,000	MassDOT	Awarded
2023				City of Worcester	I-290 and Vernon Street Bridge Reconnecting Communities Planning Grant.	Reconnecting Communities Program (RCP)				\$2,000,000			Not Awarded
2023				CMRPC	Blackstone Valley Regional Trail Project.	Thriving Communities				\$1,000,000			Submitted
2023/2024				Massachusetts Executive Office of Transportation	Upgrade drainage infrastructure, reducing flooding on Route 20 (Worcester) and improving water quality in Flint Pond. Project will reduce road closures during storm events, enhance safety, and improve reliability for drivers along this critical route.	PROTECT (Resilience Improvement)			\$3,702,128	\$3,702,128			Awarded
2024				Town of Southbridge	Hamilton Street Roadway reconstruction Project.	RAISE				\$7,888,000	\$750,000		Submitted

List of Completed Highway & Transit Projects (FFY 2015-Present), Including Associated GHG Emissions Analysis

Central Mass Region Transportation Improvement Program

MassDOT Project ID ▼	MassDOT Project Description ▼	Total Programmed Funds ▼	GHG Analysis Type ▼	GHG CO ₂ Impact (kg/yr) ▼	GHG Impact Description ▼	Additional Description ▼	Fiscal Year of Contract Award (2015 and forward) ▼
608018	WORCESTER - BLACKSTONE VISITOR CENTER AND BIKEWAY EARLY ACTION SITE WORK	\$4,368,638	Quantified	912	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure		2015
605964	MILLBURY - BRIDGE REPLACEMENT, M-22-020, ROUTE 146 (NB & SB) OVER WEST MAIN STREET AND IMPROVEMENTS ON ROUTE 146 @ ELM STREET, ELMWOOD STREET AND WEST MAIN STREET (ROTARY)	\$13,647,354	Quantified	34,117	Quantified Decrease in Emissions from Other Improvements		2015
604892	WORCESTER - BIKE PATH CONSTRUCTION, FROM TANTIER STREET TO KILBY STREET AND ROAD RESURFACING OF GARDNER AND KILBY STREET	\$2,918,510	Quantified	2,378	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure		2015
604739	WEST BROOKFIELD - RECONSTRUCTION ON ROUTE 9, ROUTE 67 INTERSECTIONS AT SCHOOL STREET	\$2,100,000	Quantified	100	Quantified Decrease in Emissions from Other Improvements		2016
604864	WESTBOROUGH - INTERSECTION & SIGNAL IMPROVEMENTS AT ROUTE 9 & LYMAN STREET	\$8,057,763	Quantified	165,649	Quantified Decrease in Emissions from Traffic Operational Improvement		2016
606207	SPENCER - REHABILITATION OF ROUTE 9 (MAIN STREET), FROM HIGH STREET TO GROVE STREET	\$3,207,000	Quantified	16,053	Quantified Decrease in Emissions from Traffic Operational Improvement		2016
606629	WORCESTER - BLACKSTONE VISITOR CENTER, INCLUDING PEDESTRIAN BRIDGE W-44-144 OVER MIDDLE RIVER (PHASE II)	\$14,957,599	Quantified	1,000	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure		2016
606346	LEICESTER - RESURFACING & RELATED WORK ON ROUTE 56 (PAXTON STREET), FROM MAIN STREET TO HYLAND AVENUE	\$2,959,267	Quantified	270	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure		2017
602740	SHREWSBURY - RESURFACING & RELATED WORK ON MAIN STREET, FROM I-290 RAMPS EASTERLY TO MAPLE AVENUE	\$6,278,484	Quantified	12,500	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure		2017
606206	OXFORD - RECONSTRUCTION ON CHARLTON STREET, BETWEEN MAIN STREET AND DUDLEY ROAD	\$5,722,150	Quantified	535	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure		2017
606888	WORCESTER - BLACKSTONE CANAL STREETSCAPE IMPROVEMENTS ON HARDING STREET	\$1,915,100	Quantified	1,800	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure		2018
606440	PRINCETON - RECONSTRUCTION OF ROUTE 140, FROM STERLING T.L. THROUGH EAST PRINCETON VILLAGE TO ROUTE 31, INCLUDING REHAB OF P-16-017	\$7,984,000	Quantified	4,175	Quantified Decrease in Emissions from Traffic Operational Improvement		2018

Central Mass Region Transportation Improvement Program

MassDOT Project ID ▼	MassDOT Project Description ▼	Total Programmed Funds ▼	GHG Analysis Type ▼	GHG CO ₂ Impact (kg/yr) ▼	GHG Impact Description ▼	Additional Description ▼	Fiscal Year of Contract Award (2015 and forward) ▼
607250	PAXTON - RECLAMATION ON ROUTE 31 (HOLDEN ROAD)	\$4,283,676	Quantified	100	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure		2018
605740	WORCESTER - INTERSECTION IMPROVEMENTS AT WINTHROP STREET & PROVIDENCE STREET, VERNON STREET & GRANITE STREET	\$3,853,939	Quantified	69,250	Quantified Decrease in Emissions from Traffic Operational Improvement		2018
604893	WORCESTER - STREETScape IMPROVEMENTS AT MAIN STREET & MAYWOOD STREET	\$2,104,176	Quantified	9,600	Quantified Decrease in Emissions from Traffic Operational Improvement		2018
605820	WORCESTER - BLACKSTONE RIVER BIKEWAY (SEGMENT 7), INCLUDING BRIDGE REHAB, W-44-041, MCGRATH BOULEVARD OVER MADISON STREET	\$7,060,000	Quantified	401,949	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure		2018
604948	UXBRIDGE - RECONSTRUCTION OF ROUTE 122 (NORTH MAIN STREET), FROM HARTFORD AVENUE TO ROUTE 16	\$5,293,760	Quantified	14,400	Quantified Decrease in Emissions from Traffic Operational Improvement		2019
606125	UPTON - RECONSTRUCTION OF HIGH STREET AND HOPKINTON ROAD (PHASE I)	\$6,386,655	Quantified	287,226	Quantified Decrease in Emissions from Traffic Operational Improvement		2019
601368	WORCESTER - RESURFACING & RELATED WORK ON ROUTE 122 (GRAFTON STREET), FROM WASHINGTON SQUARE TO RICE SQUARE (1.4 MILES)	\$7,600,000	Quantified	59,950	Quantified Decrease in Emissions from Traffic Operational Improvement		2019
603251	WORCESTER - SIGNAL & INTERSECTION IMPROVEMENTS @ HOLDEN STREET, DRUMMOND AVENUE & SHORE DRIVE, INCLUDES CULVERT EXTENSION OF W-44-122, SHORE DRIVE OVER (UNNAMED) STREAM	\$2,705,655	Quantified	1,014,814	Quantified Decrease in Emissions from Traffic Operational Improvement		2019
608038	WEBSTER - RESURFACING & RELATED WORK OF KLEBART AVENUE & LAKE PARKWAY	\$5,855,558	Quantified	3,184	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure		2020
608764	UPTON - RECONSTRUCTION OF HARTFORD AVENUE NORTH AND HIGH STREET (PHASE II)	\$5,717,250	Quantified	393	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure		2020
607733	AUBURN - REHABILITATION OF AUBURN STREET, FROM WALSH AVENUE TO MILLBURY STREET	\$4,765,372	Quantified	75	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure		2020
606220	HARDWICK - RESURFACING & RELATED WORK ON THE GILBERTVILLE SECTIONS OF ROUTES 32 AND 32A	\$5,031,718	Quantified	161	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure		2021

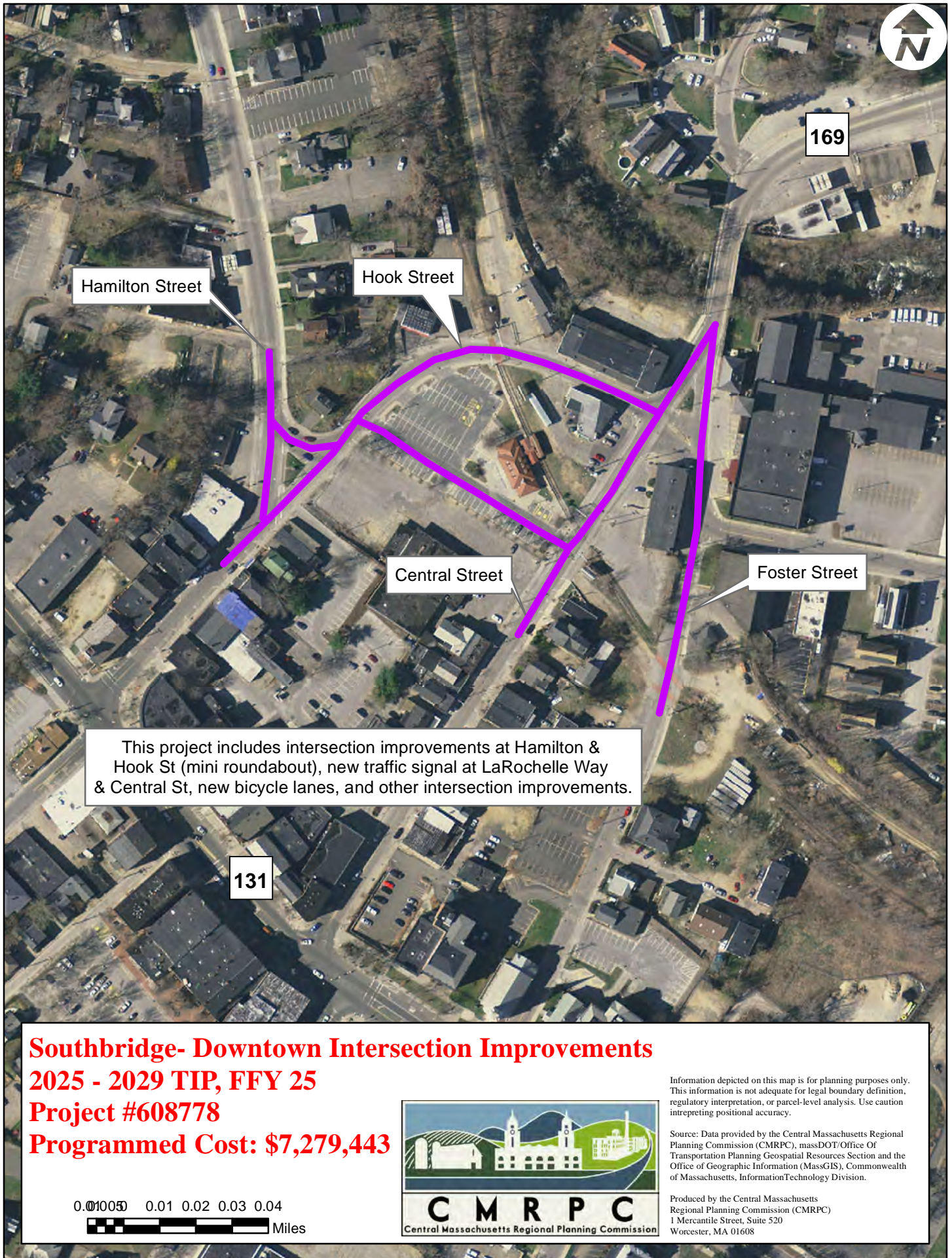
Central Mass Region Transportation Improvement Program

MassDOT Project ID ▼	MassDOT Project Description ▼	Total Programmed Funds ▼	GHG Analysis Type ▼	GHG CO ₂ Impact (kg/yr) ▼	GHG Impact Description ▼	Additional Description ▼	Fiscal Year of Contract Award (2015 and forward) ▼
607903	GRAFTON - RECLAMATION ON ROUTE 122A (MAIN STREET), FROM PROVIDENCE ROAD TO SUTTON TL	\$10,241,603	Quantified	2,200	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure		2021
S10779	WORCESTER REGIONAL TRANSIT AUTHORITY - WESTBOROUGH DEMAND RESPONSE RIDESHARE SERVICE PILOT	\$432,032	Quantified	2,666	Quantified Decrease in Emissions from New/Additional Transit Service		2021
602659	CHARLTON-OXFORD - RECONSTRUCTION ON ROUTE 20, FROM RICHARDSON'S CORNER ROAD EASTERLY TO ROUTE 12, INCLUDES REHAB OF C-06-023 & REPLACEMENT OF O-06-002	\$71,344,050	Quantified	204,865	Quantified Decrease in Emissions from Traffic Operational Improvement		2022
605377	MILLBURY - RECONSTRUCTION ON MCCracken ROAD & GREENWOOD STREET, INCLUDES REHAB OF M-22-058, MCCracken ROAD OVER ACCESS ROAD	\$11,310,573	Quantified	6,925	Quantified Decrease in Emissions from Traffic Operational Improvement		2022
608432	RUTLAND - RECONSTRUCTION OF ROUTE 56 (POMMOGUSSETT ROAD)	\$7,263,150	Quantified	118	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure		2022
608873	SPENCER - ROADWAY REHABILITATION OF MEADOW ROAD	\$12,821,789	Quantified	2,462	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure		2023
609219	HOLDEN - PAVEMENT REHABILITATION ON MAIN STREET, SHREWSBURY STREET AND DOYLE ROAD, FROM STATE POLICE BARRACKS TO BRATTLE STREET	\$13,049,700	Quantified	804,774	Quantified Decrease in Emissions from Traffic Operational Improvement	Emissions reduction also included bicycle & pedestrian infrastructure.	2023

Central Mass Region Transportation Improvement Program

FTA Activity Line Item ▼	Transit Agency ▼	Project Description ▼	Total Cost ▼	GHG Analysis Type ▼	GHG CO ₂ Impact (kg/yr) ▼	GHG Impact Description ▼	Additional Description ▼	Fiscal Year Programmed (2015 and forward) ▼
RTD0006341	WORCESTER REGIONAL TRANSIT AUTHORITY	BUY REPLACEMENT 35-FT BUS	\$1,000,000	Quantified	105,530	Quantified Decrease in Emissions from Bus Replacement		2017
RTD0007807	WORCESTER REGIONAL TRANSIT AUTHORITY	BUY REPLACEMENT 35-FT BUS (4)	\$2,099,508	Quantified	44,289	Quantified Decrease in Emissions from Bus Replacement		2020
RTD0007808	WORCESTER REGIONAL TRANSIT AUTHORITY	BUY REPLACEMENT 35-FT BUS (1)	\$562,567	Quantified	14,763	Quantified Decrease in Emissions from Bus Replacement		2020
RTD0008684	WORCESTER REGIONAL TRANSIT AUTHORITY	BUY REPLACEMENT 40-FT BUS	\$3,150,000	Quantified	12,685	Quantified Decrease in Emissions from Bus Replacement		2021
RTD0010327	WORCESTER REGIONAL TRANSIT AUTHORITY	BUY REPLACEMENT 35-FT BUS (8)	\$3,596,289	Quantified	16,425	Quantified Decrease in Emissions from Bus Replacement		2022
RTD0009773	WORCESTER REGIONAL TRANSIT AUTHORITY	BUY REPLACEMENT 35-FT BUS	\$587,274	Quantified	2,346	Quantified Decrease in Emissions from Bus Replacement		2022
RTD0010843	WORCESTER REGIONAL TRANSIT AUTHORITY	WORCESTER REGIONAL TRANSIT AUTHORITY: BUY REPLACEMENT 35 FT BUS (8)	\$6,649,378	Quantified	16,425	Quantified Decrease in Emissions from Bus Replacement		2023
RTD0010893.	WORCESTER REGIONAL TRANSIT AUTHORITY	WORCESTER REGIONAL TRANSIT AUTHORITY: BUY REPLACEMENT 35 FT BUS (1)	\$664,699	Quantified	2,346	Quantified Decrease in Emissions from Bus Replacement		2023

Regionally Prioritized 2025 – 2029 TIP Project Locus Maps



Hamilton Street

Hook Street

Central Street

Foster Street

169

131

This project includes intersection improvements at Hamilton & Hook St (mini roundabout), new traffic signal at LaRochelle Way & Central St, new bicycle lanes, and other intersection improvements.

Southbridge- Downtown Intersection Improvements
2025 - 2029 TIP, FFY 25
Project #608778
Programmed Cost: \$7,279,443

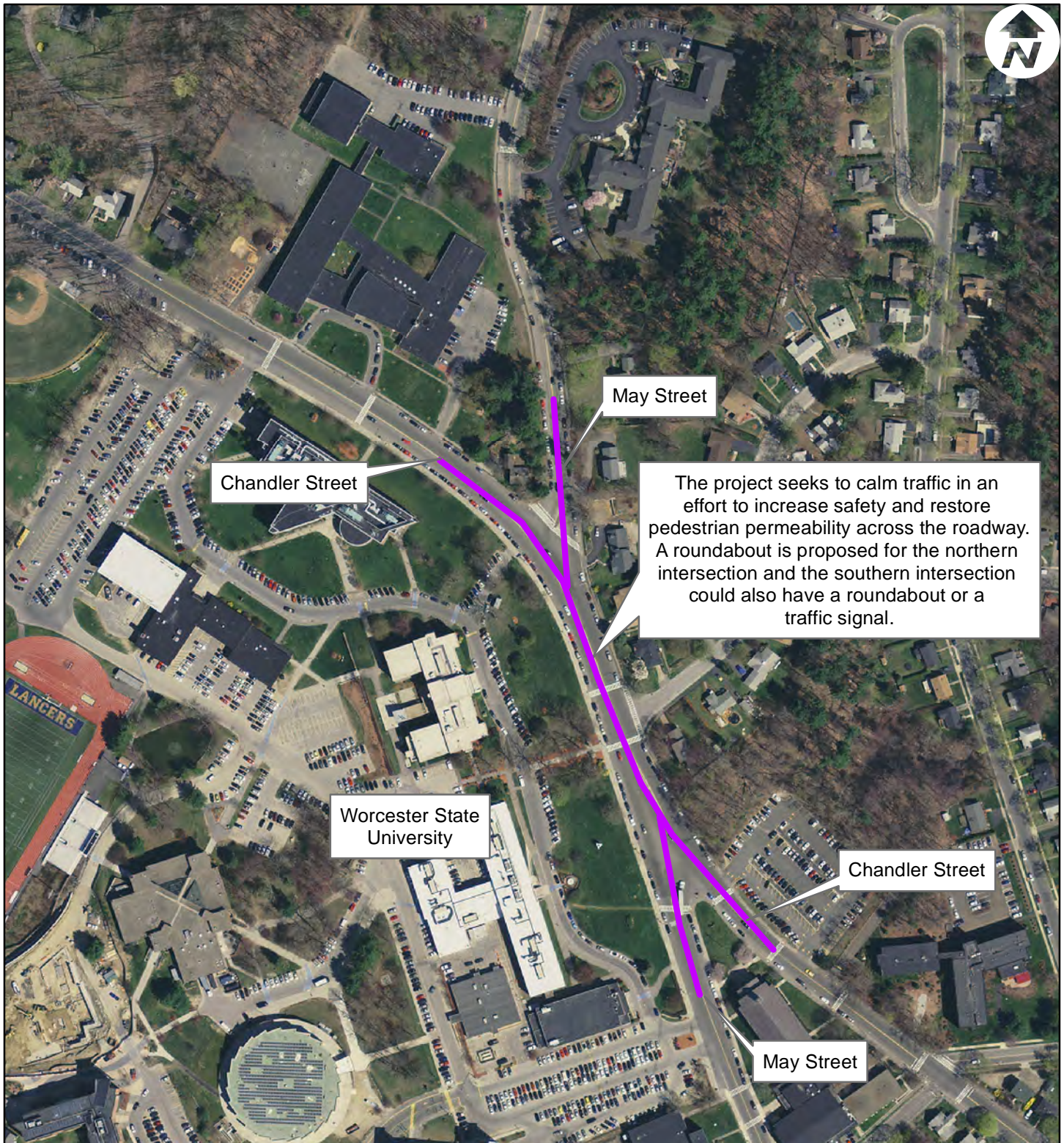
0.00 0.01 0.02 0.03 0.04
Miles



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Worcester - Intersection Improvements at Chandler St & May St

2025 - 2029 TIP, FFY 25

Project #608961

Programmed Cost: \$6,000,526

0.016075 0.015 0.03 0.045 0.06
Miles



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Upton - Route 140 Culvert Replacement

2025 - 2029 TIP, FFY 26

Project #608456

Programmed Cost: \$1,662,781

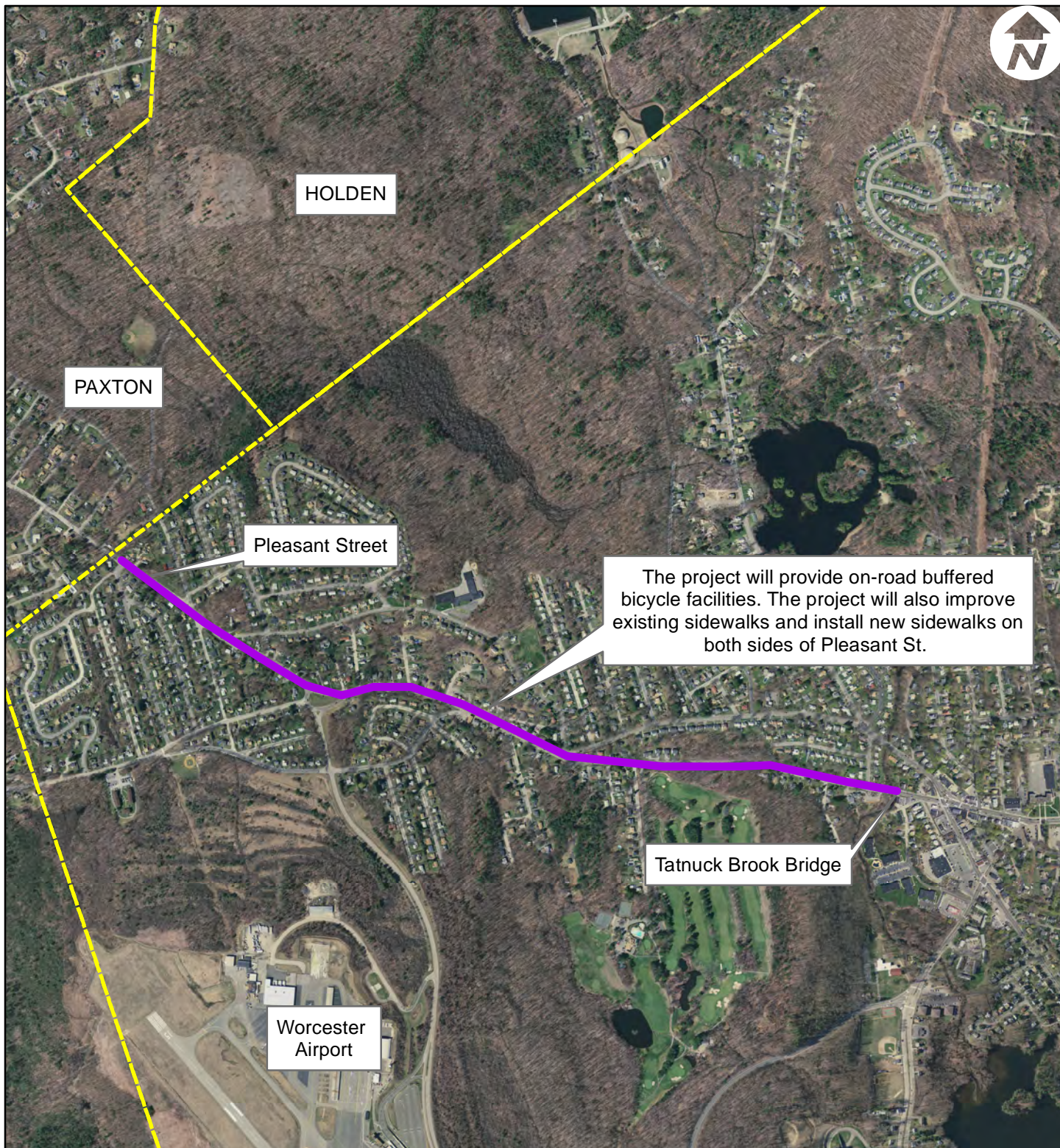
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Miles



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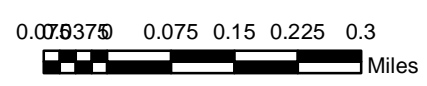
Source: Data provided by the Central Massachusetts Regional Planning Commission (CMRPC), massDOT/Office Of Transportation Planning Geospatial Resources Section and the Office of Geographic Information (MassGIS), Commonwealth of Massachusetts, InformationTechnology Division.

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The project will provide on-road buffered bicycle facilities. The project will also improve existing sidewalks and install new sidewalks on both sides of Pleasant St.

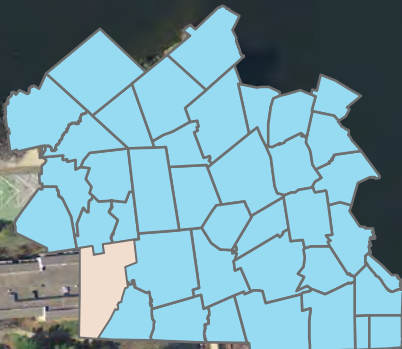
Worcester - Pleasant Street Bicycle & Pedestrian Improvements
2025 - 2029 TIP, FFY 26
Project #610535
Programmed Cost: \$5,703,349



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The Project includes the construction of a roundabout at Route 20 & Route 131. Improvements will also be made at the New Boston Road intersection. A shared-use path will also be built.

New Boston Road

20

131

Sturbridge - Route 20 & Route 131 Roundabout

2025 - 2029 TIP, FFY 26

Project #611933

Programmed Cost: \$6,660,264

0.0075 0.015 0.03 0.045 0.06
Miles



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9

122

The proposed improvements include replacing all sidewalks and curbing, improving on-street parking, upgrade existing traffic signals, and provide ADA compliant crossing locations.

Queen Street

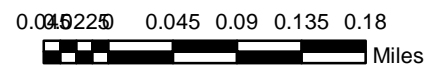
Main Street

Worcester - Int Improvements & Resurfacing on Chandler St (ph1)

2025 - 2029 TIP, FFY 27

Project #608990

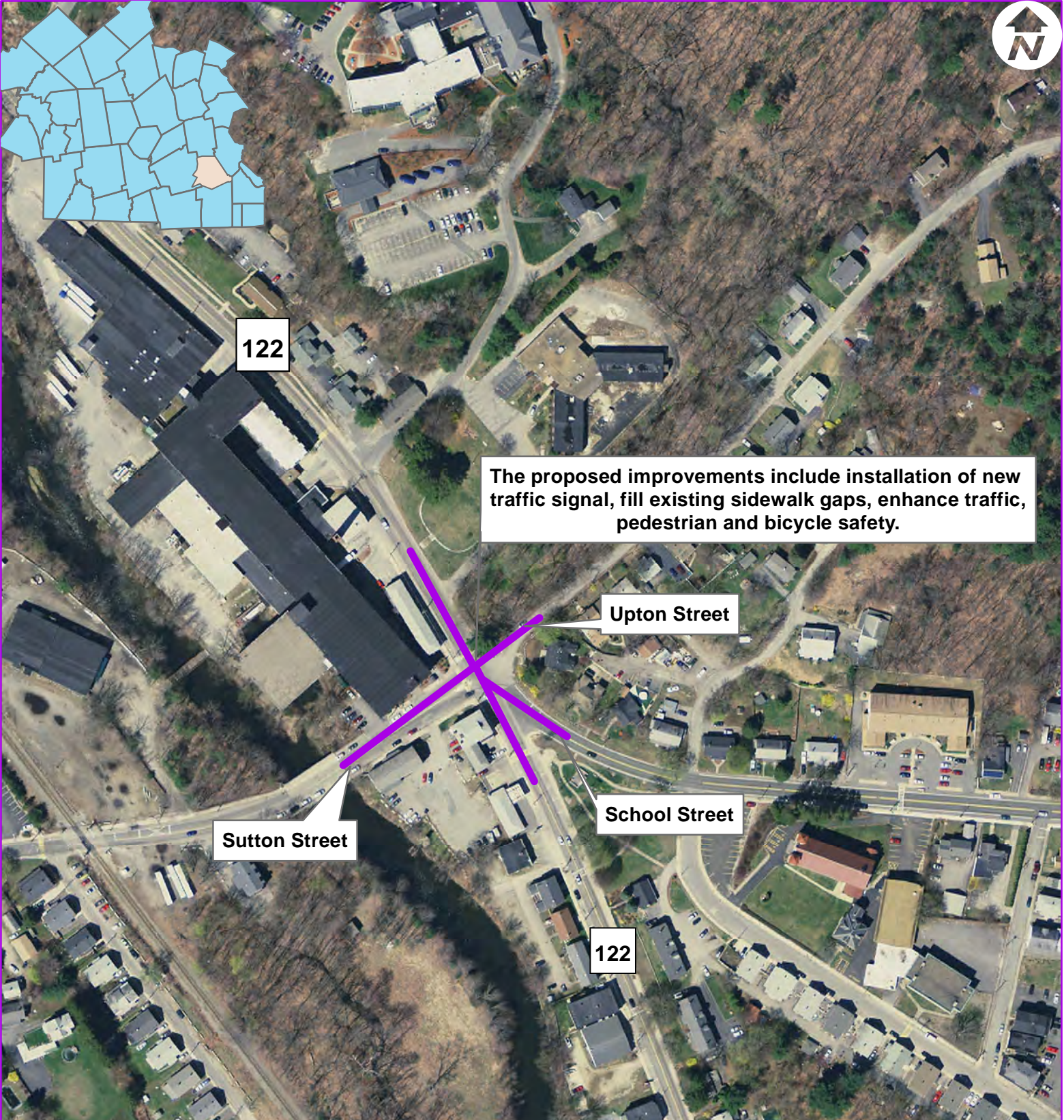
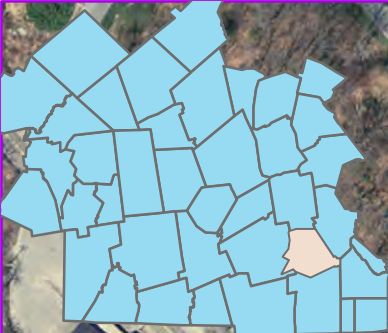
Programmed Cost: \$6,418,408



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Source: Data provided by the Central Massachusetts Regional Planning Commission (CMRPC), massDOT/Office Of Transportation Planning Geospatial Resources Section and the Office of Geographic Information (MassGIS), Commonwealth of Massachusetts, Information Technology Division.

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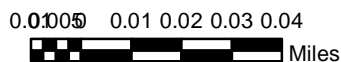
The proposed improvements include installation of new traffic signal, fill existing sidewalk gaps, enhance traffic, pedestrian and bicycle safety.

Northbridge - Rt 122/School St/Sutton St/Upton St Improvements

2025 - 2029 TIP, FFY 27

Project #609441

Programmed Cost: \$4,466,232



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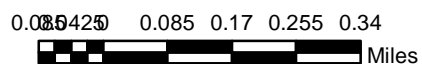


Uxbridge - Rehabilitation of Route 16 (Douglas Street)

2025 - 2029 TIP, FFY 27

Project #610931

Programmed Cost: \$9,901,274



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Worcester - Int Improvements & Resurfacing on Chandler St (Ph-2)

2025 - 2029 TIP, FFY 27

Project #608990

Programmed Cost: \$4,541,400

0.0225 0.045 0.09 0.135 0.18
Miles



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This project goal is to reimagine Oxford's downtown to promote multimodal travel and develop a safer, more accessible corridor for all modes and roadway users of all abilities.

12

Oxford

Front St

395

Fairlawn Ave

12

Oxford - Route 12 (Main St) Improvements

2025 - 2029 TIP, FFY 28

Project #611988

Programmed Cost: \$9,564,800

0.00 0.0250 0.05 0.1 0.15 0.2
Miles



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This project includes improvements at the intersection of Route 9 and Route 49. The work involves construction of a cement concrete roundabout, improved bike and pedestrian accommodations, lighting, and upgrades to drainage, pavement markings and signage.




Spencer- Route 9 & Route 49 Intersection Improvements

2025 - 2029 TIP, FFY 28

Project #613097

Programmed Cost: \$11,671,128

0.0016075 0.015 0.03 0.045 0.06
 Miles



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122

This project includes the installation of a modern roundabout and improved bicycle accommodations, upgraded signage & pavement markings.

Pleasantdale Road

122

Rutland-Route 122 & Pleasantdale Rd Intersection Improvements

2025 - 2029 TIP, FFY 28

Project #613655

Programmed Cost: \$3,375,568

0.008 0.016 0.024 0.032
Miles



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Thomas
Newton Drive

Project improvements include enhancing traffic, pedestrian, and bicycle safety, filling existing multimodal connectivity gaps, and congestion mitigation improvements.

30

9

Hastings School

Westborough - Route 30 Roadway Improvements

2025 - 2029 TIP, FFY 29

Project #613242

Programmed Cost: \$10,236,825



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0.0225 0.045 0.09 0.135 0.18
Miles



The proposed improvements include a traffic sign or roundabout, seperated/protected bicycle lanes, widened sidewalk, and shorter pedestrian crossings.

Bigelow Davis
Parkway
(Hamilton St)

Lake Ave

Worcester - Lake Ave & Bigelow Davis Pkwy Int Improvements

2025 - 20290 TIP, FFY 29

Project #613648

Programmed Cost: \$7,785,891

0.008 0.016 0.024 0.032
Miles

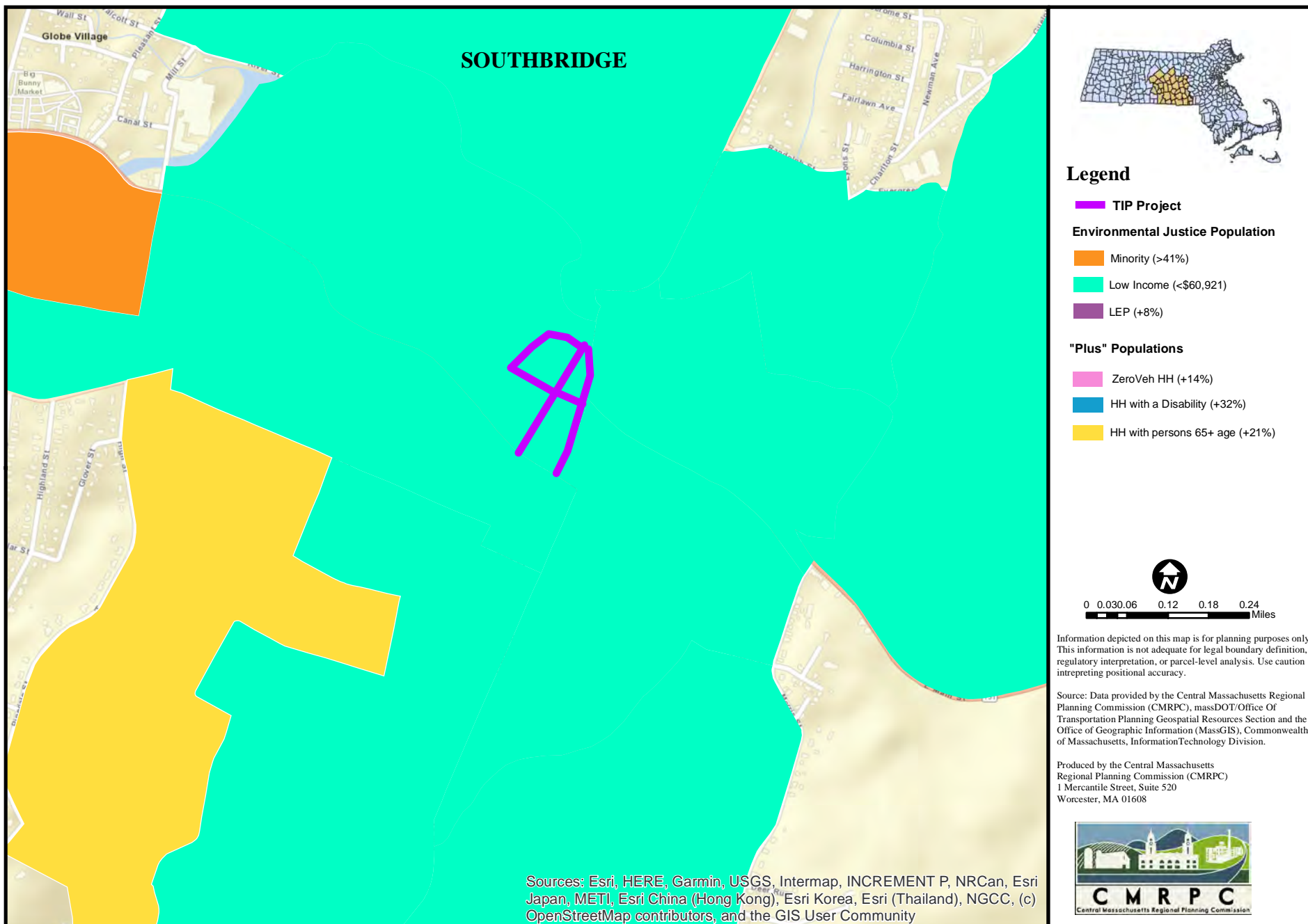


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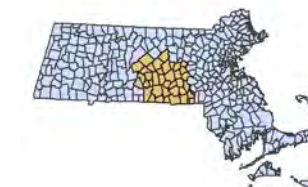
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Environmental Justice Project Maps



Project #608778: Southbridge, Downtown Intersection Improvements



Legend

■ TIP Project

Environmental Justice Population

■ Minority (>41%)

■ Low Income (<\$60,921)

■ LEP (+8%)

"Plus" Populations

■ ZeroVeh HH (+14%)

■ HH with a Disability (+32%)

■ HH with persons 65+ age (+21%)



0 0.0125 0.025 0.05 0.075 0.1 Miles

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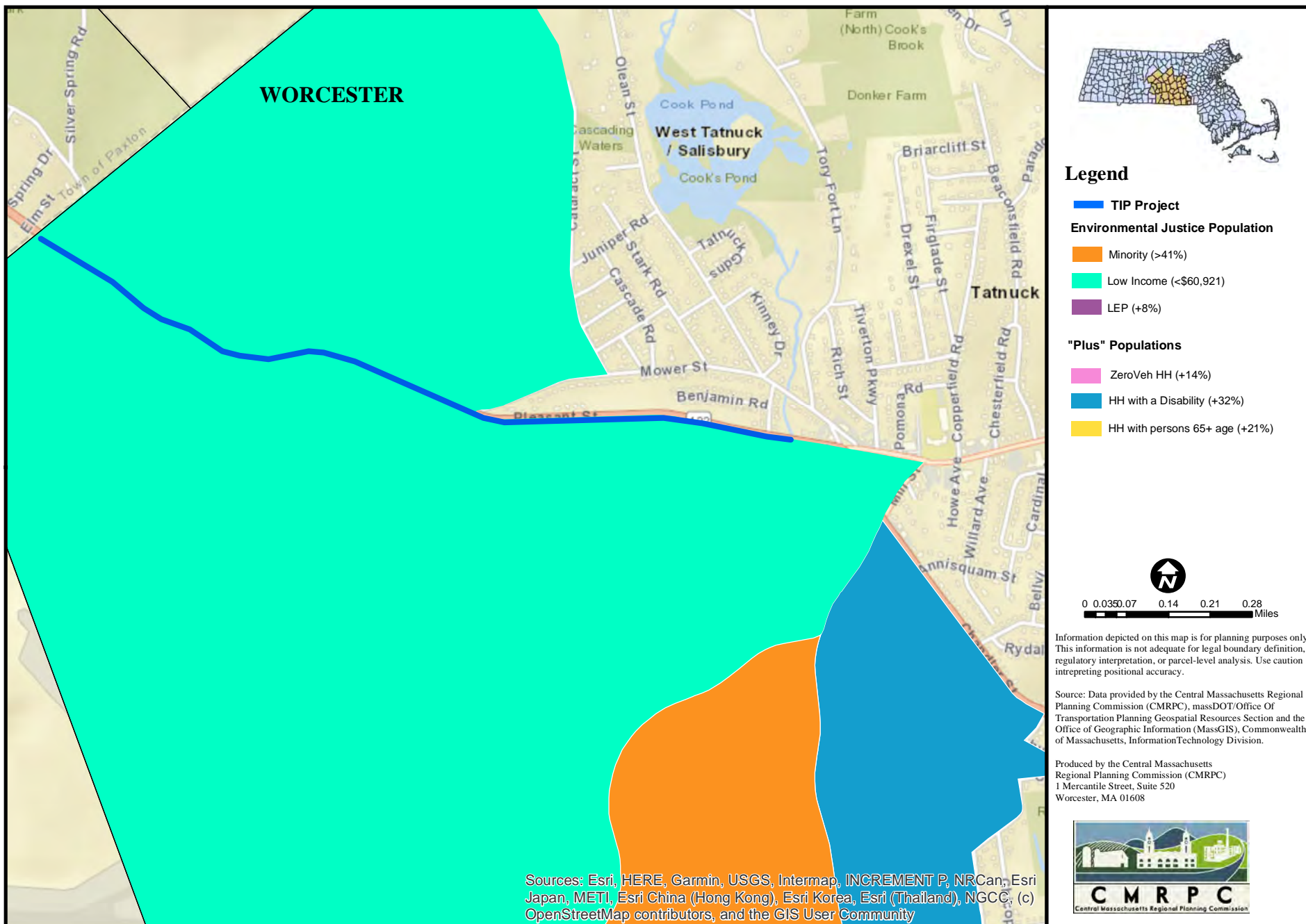
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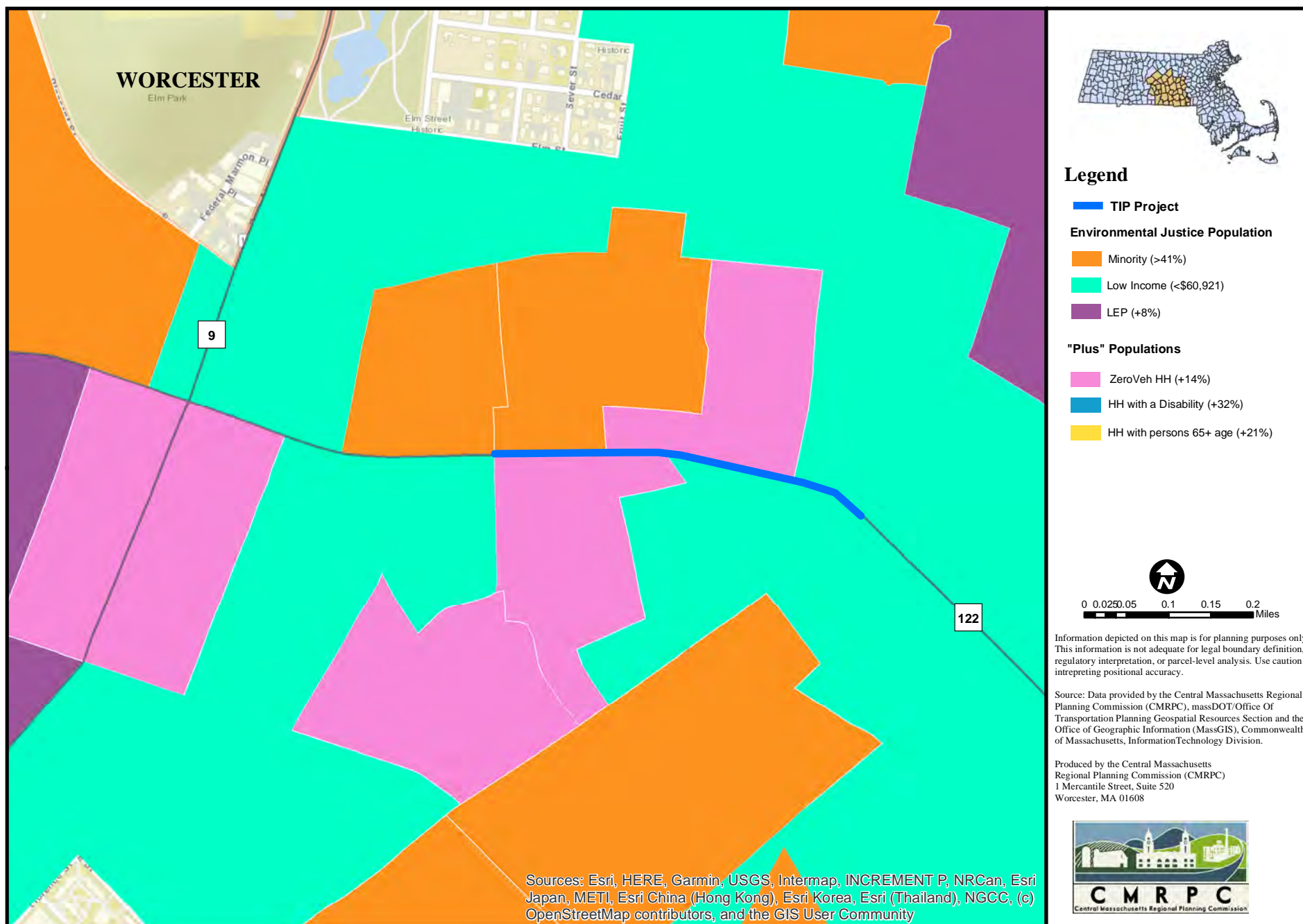


Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community

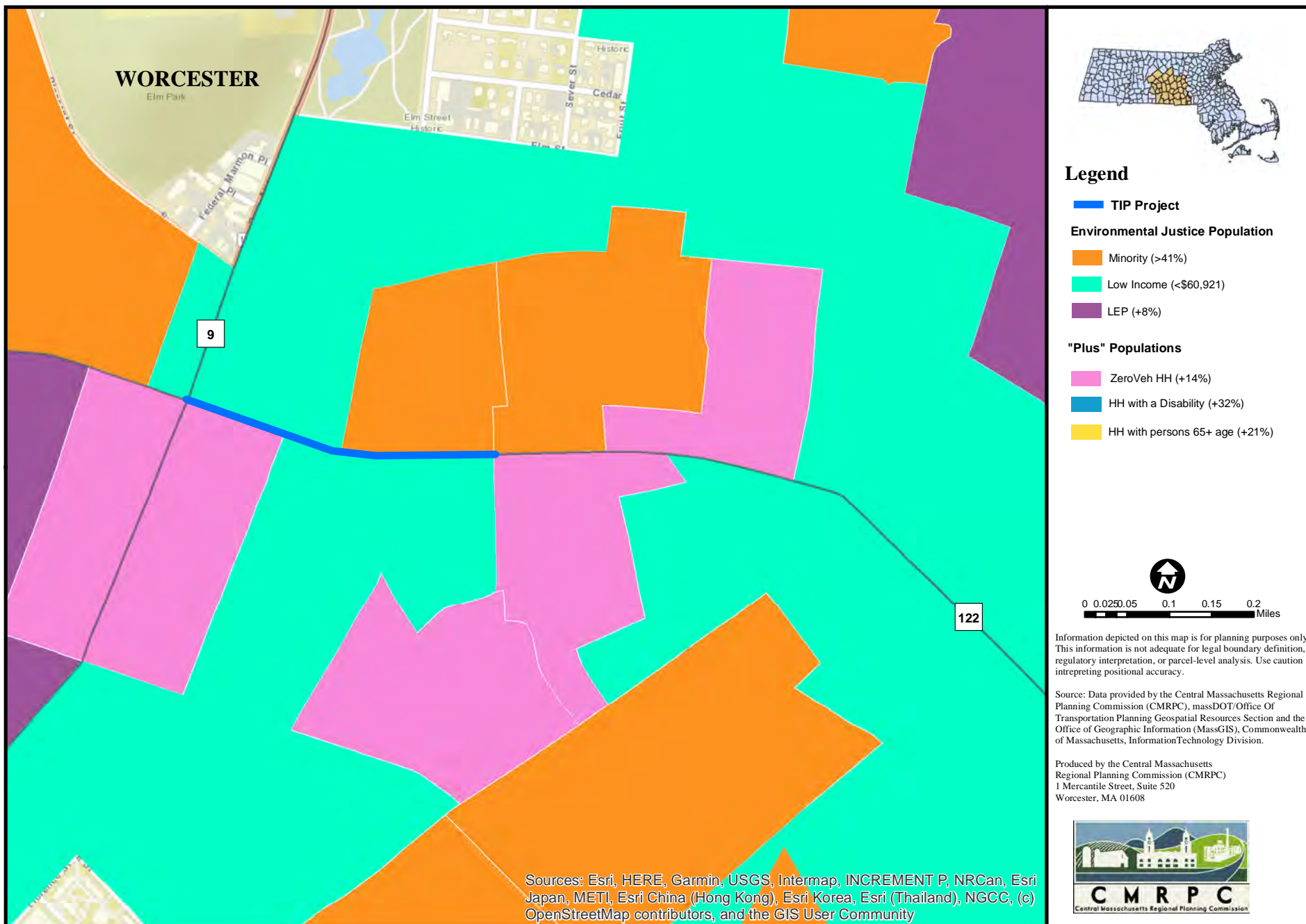
Project #608961: Worcester, Chandler Street & May Street



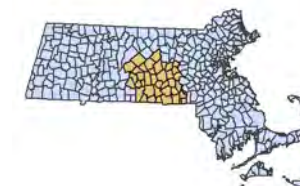
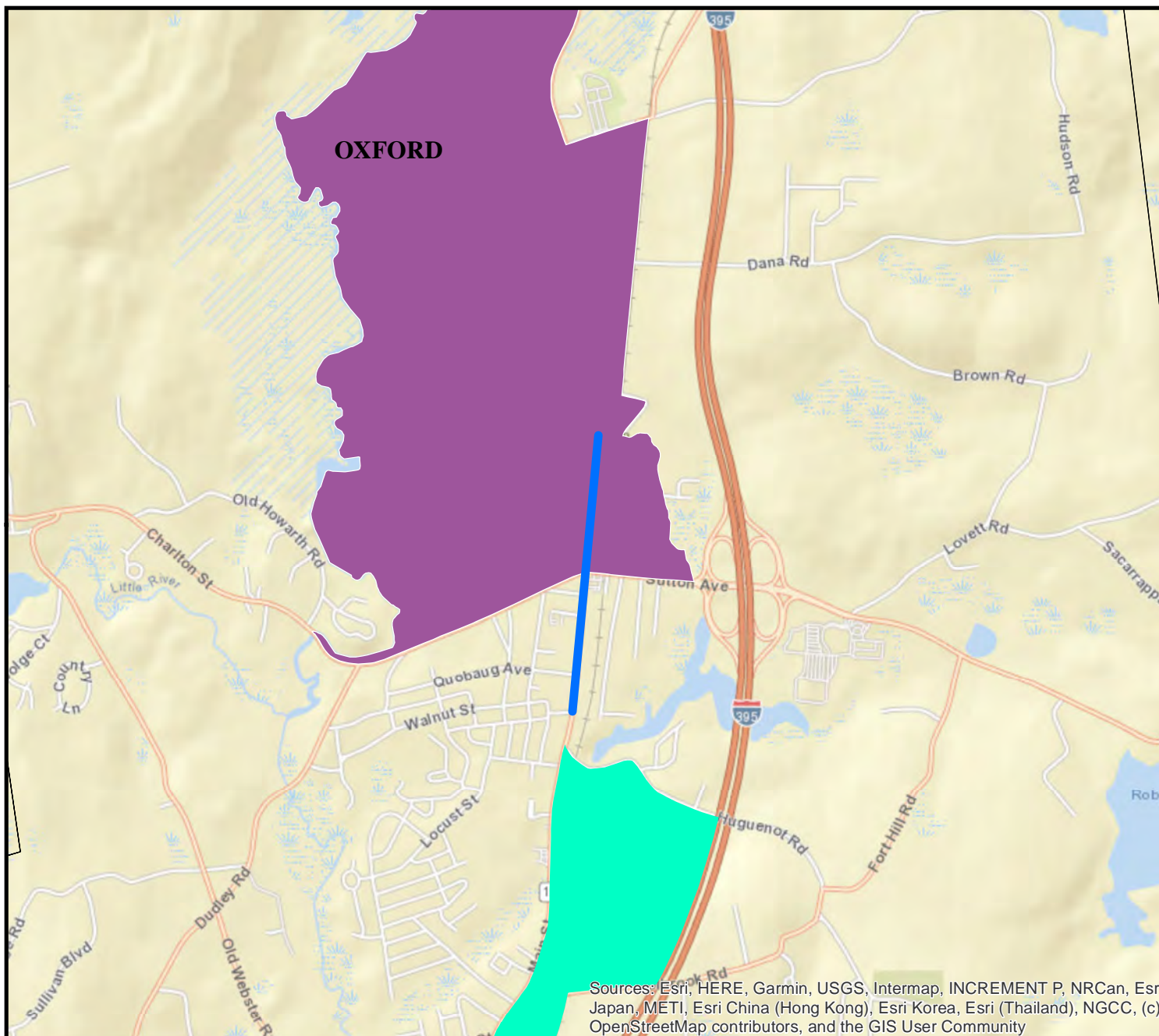
Project #610535: Worcester, Pleasant Street



Project #608990: Worcester, Chandler Street (Phase 1)



Project #6012011: Worcester, Chandler Street (Ph-2)



Legend

■ TIP Project

Environmental Justice Population

■ Minority (>41%)

■ Low Income (<\$60,921)

■ LEP (+8%)

"Plus" Populations

■ ZeroVeh HH (+14%)

■ HH with a Disability (+32%)

■ HH with persons 65+ age (+21%)



0 0.075 0.15 0.3 0.45 0.6 Miles

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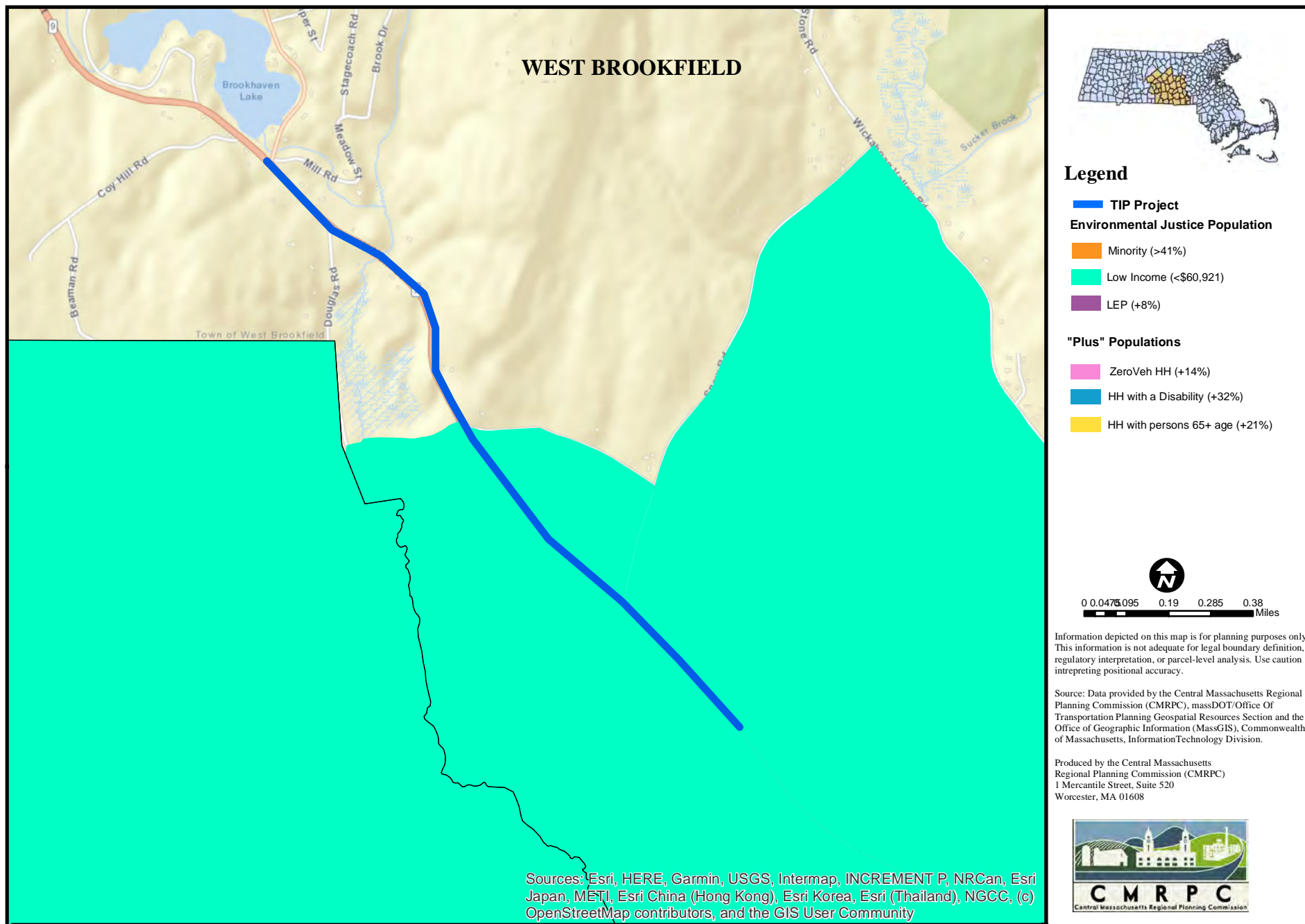
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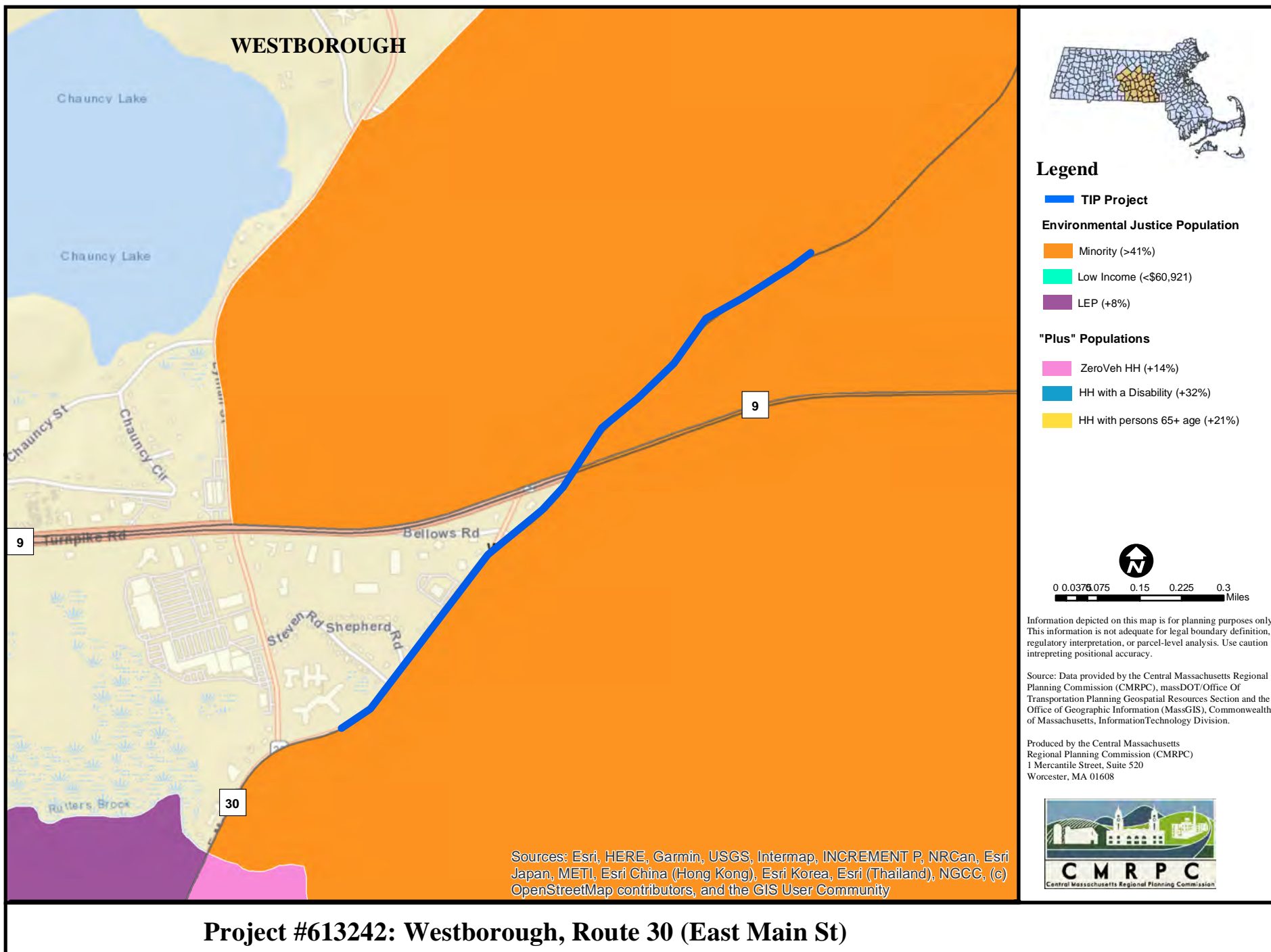


Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community

Project #611988: Oxford, Route 12 (Main Street)



Project #612779: West Brookfield, Route 9 (Phase 3)

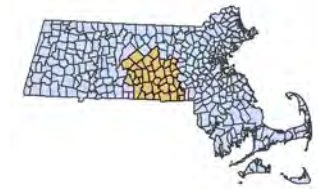


Project #613242: Westborough, Route 30 (East Main St)

WORCESTER



Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community



Legend

■ TIP Project

Environmental Justice Population

■ Minority (>41%)

■ Low Income (<\$60,921)

■ LEP (+8%)

"Plus" Populations

■ ZeroVeh HH (+14%)

■ HH with a Disability (+32%)

■ HH with persons 65+ age (+21%)



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Project #613648: Worcester, Lake Ave & Bigelow Davis Pkwy

Listing of Projects Advertised in the Region, FY '97 to Present

CMMPO Advertised Projects

<u>Calendar Yr</u>	<u>Adv Date</u>	<u>Community</u>	<u>Subregion</u>	<u>Description</u>	<u>Adv Amount</u>	<u>Category</u>	<u>PROJIS #</u>
1997	7/19/97	Brookfield	W	Rte 9 wall	\$96,322	NFA	602183
	11/2/96	Grafton	SE	Rte 122 safety	\$340,853	NFA	601373
	1/25/97	Hardwick	W	Rte 32 bridge	\$130,461	NFA	600949
	8/9/97	Holden	N	Shrewsbury St recon	\$1,005,777	STP	600338
	4/5/97	Leicester	W	Rte 9 resurfacing	\$1,792,256	NFA	600857
	9/20/97	Millbury	SE	Rte 146/122A interchange	\$34,575,999	STP	600903
	3/15/97	Northbridge	SE	Rte 122 bridge rehab	\$1,718,289	NFA	84963
	8/9/97	Northbridge	SE	Memorial Sq signals	\$301,408	STP	601372
	3/22/97	Shrewsbury	NE	Rte 20/Flint bridge	\$1,260,757	NFA	600770
	11/30/96	Worcester	C	Walpole St railings	\$588,550	NFA	601664
	12/7/96	Worcester	C	Madison St safety imps	\$225,478	NFA	160036
	3/22/97	Worcester	C	Rte 20/Greenwood	\$1,020,962	NFA	600628
	4/26/97	Worcester/Millbury	C	Rte 146 structure demo	\$154,289	NFA	602152
	8/23/97	Worcester/Millbury	C	Rte 146 plate bridges	\$15,017,859	STP	601778
	6/14/97	Worcester/Millbury	C	drainage systems	\$212,210	NFA	602020
	8/16/97	Worcester/Millbury	C	Rte 146/bldg demolition	\$266,902	NFA	602168
TOTAL					\$58,708,372		
1998	2/28/98	Auburn	SW	traffic improvements	\$610,880	NFA	602122
	9/12/98	Auburn	SW	I-90 lighting	\$6,014,049	NFA	600592
	10/11/97	Charlton	SW	Rte 20 water well	\$9,500	NFA	
	5/2/98	Charlton	SW	Rte 20 improvements	\$13,034,138	NFA	601817
	9/19/98	Dudley	SW	Oxford Ave bridge	\$718,426	Br	601289
	12/20/97	Millbury	SE	landsc' 146/122A	\$2,162,326	STP	601452
	6/27/98	Southbridge	SW	Rte 131	\$3,380,419	NFA	600689
	9/19/98	Upton	SE	Pleasant St etc	\$1,520,237	STP	601009
	12/20/97	Worcester	C	landsc' 146/Ballard	\$1,476,552	STP	601453
	12/6/97	Worcester	C	Kane Sq landscape	\$1,376,460	STP	601454
	1/17/98	Worcester	C	Rte 146 demolition	\$508,525	STP	602169
	3/28/98	Worcester	C	Rte 146/Ballard/Kane	\$24,910,961	STP	85305
	10/25/97	Worcester	C	guide signs	\$1,909,500	IM	602036
	10/11/97	Worcester/Millbury	C	Rte 20 signals/safety	\$577,097	STP	600180
TOTAL					\$58,209,070		
1999	12/12/98	Berlin	NE	Jones rd bridge	\$322,649	NFA	601927
	9/30/99	Princeton	N	Hubbardston St	\$3,531,267	NFA	600223
	1/25/99	Worcester/Millbury	C	Rte 146 bldg demolitions	\$456,329	STP	602170
	9/4/99	Worcester/Millbury	C	Shrewsbury St signals	\$721,820	FRS	602290R
TOTAL					\$5,032,065		
2000	9/9/00	Brookfield	W	Rte 9 resurface	\$140,713	STP	602847
	9/1/00	Brookfield/E Brookfield	W	Rte 9/Dunn bridge	\$790,574	STP	601267
	9/9/00	Millbury	SE	bridge demo/Rt 20	\$1,550,461	STP	602873
	1/22/00	Millville	SE	Central St br	\$1,132,398	NFA	602824
	12/4/99	Webster	SW	Rte 193 safety	\$303,771	NFA	601740
	9/9/00	Worcester	C	Rte 12 / 122A	\$696,370	STP	601367
	7/29/00	Worcester	C	Millbrook/Burncoat	\$839,468	CMAQ	601349
TOTAL					\$5,453,755		

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2001	3/17/01	Auburn	SW	Rte 20	\$1,737,977	STP	601224
	8/25/01	Auburn	SW	Rte 12	\$2,607,337	CMAQ	601976
	4/7/01	Boylston	NE	Rte 70	\$572,440	RCA	602743
	6/16/01	Boylston	NE	Rte 140 intersection	\$386,250	CMAQ	601525
	2/24/01	Holden	N	Rte 122 A	\$4,029,654	NFA	600337
	9/29/01	Holden	N	River St br	\$493,807	NFA	601655
	4/28/01	Millbury	SE	Water St bridge	\$1,025,129	NFA	602236
	9/1/01	Millbury	SE	Riverlin St br	\$771,441	NFA	600340
	6/30/01	Paxton	N	Grove St	\$1,540,230	STP	602267
	2/24/01	Southbridge	SW	Pleasant St bridge	\$903,927	NFA	601784
	10/07/00	Worcester	C	I-290/9 bridge joints	\$1,517,214	BR / IM	602876
	1/13/01	Worcester/Millbury	C	Rte 146 interchange	\$2,304,464	STP	603132
	TOTAL				\$17,889,870		
2002	8/3/02	Auburn	SW	I-290 bridge/Auburn/Sword	\$3,945,027	IM	603404
	10/6/01	Grafton	SE	Rt 122, Rt 140, Bridge St	\$848,627	CMAQ	601921
	9/28/02	Hardwick	W	Rte 32A	\$3,473,581	NFA	602357
	8/3/02	Leicester	W	McCarthy Brk bridge	\$451,163	Br	601478
	9/14/02	Leicester	W	Rte 99 reconstruction	\$5,500,544	STP	600858
	12/22/01	Millbury	SE	Rte 146/20 interchange	\$35,821,425	STP/HPP	600905
	6/8/02	Northboro	NE	water well	\$10,700	NFA	603680
	9/21/02	Northboro	NE	Rte 20/W Main/Davis	\$1,801,009	CMAQ	602072
	5/18/02	Oxford	SW	Rte 56/Comins Rd	\$521,004	CMAQ	115251
	2/2/02	Worcester	C	I-290 bridge/RR/streets	\$16,608,597	IM	603275
	3/30/02	Worcester	C	Burncoat St/I-290	\$559,825	IM	603408
	7/27/02	Worcester	C	Shrewsbury	\$2,795,507	NFA	603484
	7/27/02	Worcester	C	Hurley Sq	\$39,138,722	STP	600906
	TOTAL				\$111,475,731		
2003	9/13/03	Grafton	SE	Depot St bridge construction	\$1,562,699	NFA	602474
	3/29/03	Leicester	W	Rte 56/Stafford	\$253,894	CMAQ	602953
	9/13/03	Millbury	SE	McCracken Rd bridge rplcmt	\$1,109,714	NFA	85500
	9/20/03	Millville	SE	Central St/Rte 122 bridges	\$5,448,505	NFA	12650
	3/15/03	Northboro	NE	water agreement	\$10,700	NFA	033003
	8/8/03	Princeton	N	Town Common Enhancements	\$356,406	STP	603679
	8/23/03	Princeton	N	Mountain Rd - reconstruction	\$3,067,034	STP	602363
	10/5/02	Shrewsbury	NE	Rte 140/Main	\$1,714,959	CM/STP	601798
	9/20/03	Shrewsbury/Worcester	NE	I-290 resurfacing & related	\$5,245,254	IM	
	8/1/03	Sturbridge	SW	I-84 resurfacing	\$6,823,456	IM	603534
	9/6/03	Sturbridge	SW	I-84/Rt 20 - replace lights	\$942,798	IM	600598
	8/30/03	Sturbridge/Holland	SW	I-84 traffic signs	\$1,399,731	IM	603435
	9/13/03	Uxbridge	SE	Rte 16 - resurfacing	\$996,815		
	7/26/03	Warren	W	Gilbert Rd bridge	\$405,907	FA	600548
	9/13/03	West Boylston	NE	Maple St reconstruction	\$1,090,543	STP	601979
	5/24/03	Westborough	NE	School St	\$701,362	STP	602516
	6/28/03	Worcester	C	I-290 deck repl - PV Change	\$1,043,049	IM	603275
	9/13/03	Worcester/W Boylston	C	I-190 highway lighting	\$1,039,013	IM	603351
	TOTAL				\$33,211,839		

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2004	8/28/04	Barre	N	Rte 122 resurfacing	\$1,730,939	STP	601949
	4/17/04	Charlton	SW	Rte 31 reclamation & related	\$1,088,544	STP	601378
	8/28/04	Douglas	SE	Davis St reconstruction	\$916,569	STP	601377
	6/19/04	Grafton	SE	Pleasant St bridge	\$1,064,755	STP	603510
	6/12/04	Leicester	W	Parker St bridge	\$382,085	STP	603381
	10/11/03	Mendon	SE	Providence/Hartford Sts	\$378,830	STP	603357
	3/20/04	Northborough/(Mboro)	NE	I-290 resurfacing & related	\$5,920,260	IM	604121
	9/25/04	Northbridge	SE	Rte 146 bridge over Main St	\$962,043	Br	604163
	6/19/04	Shrewsbury	NE	water agreement	\$12,700	NFA	43006
	9/18/04	Shrewsbury	NE	Rte 9 / Quinsigamond Ave	\$1,305,559	STP	601729
	9/4/04	Southbridge	SW	Route 198	\$2,911,876	STP	601964
	9/25/04	Spencer	W	Brooks Pond Rd bridge	\$427,162	Br	603008
	2/7/04	Uxbridge	SE	Mendon St bridge	\$381,008	NFA	603413
	9/25/04	Uxbridge	SE	Route 146	\$3,630,427	STP	603868
	4/3/04	W Boylston/Holden/(Strlg)	NE/NW	I-190 resurfacing	\$7,087,000	STP	602472
	9/11/04	Webster	SW	School St	\$1,144,714	STP	602378
	9/4/04	Worcester	C	Airport Drive	\$1,714,989	STP	602491
	5/29/04	Worcester	C	Rte 146 / I-290 Bros Sq Yr1	\$52,292,456	NHS	600904
TOTAL					\$83,351,916		
2005	9/10/05	Barre	N	Route 32 bridge	\$1,285,054	Br	
	7/9/05	Charlton/Sturbridge	SW	Route 20 resurfacing	\$3,250,000		
	8/6/05	Millbury/Uxbridge	SE	Route 146	\$1,177,760	GHSB	603434
	8/6/05	Northborough	NE	Allen St bridge	\$662,720	Br	603651
	2/5/05	Oxford	SW	I-395	\$5,375,085	IM	604235
	9/17/05	Oxford	SW	Route 12 @ Depot Rd	\$739,590	STP	603535
	9/17/05	Princeton	N	Brooks Station Rd	\$2,992,210	STP	603482
	8/20/05	W Brookfield	W	Route 9 resurfacing	\$1,702,720	STP	602662
	1/15/05	West Boylston	NE	Route 12	\$471,625	STP	604113
	5/28/05	Westborough	NE	Route 30 @ Lyman	\$578,115	CMAQ	602490
	9/3/05	Worcester	C	Washington Square	\$5,952,830	HPP	602952
	9/17/05	Worcester	C	Goddard Memorial Dr	\$5,224,020	STP	603481
TOTAL					\$29,411,729		
2006	7/1/06	Dudley	SW	Lower Perryville Rd bridge	\$2,170,951	Br	39886
	1/7/06	Hardwick	W	Route 32 bridge / Ware R	\$929,294	NFA	604657
		Holden	N	Princeton St bridge	\$849,230	Br	604617
		Hopedale	SE	Mill St bridge	\$1,278,989	Br	603960
	6/24/06	Millbury	SE	Route 122A bridge	\$1,892,400	Br	85500
	7/29/06	Princeton	N	Route 62 bridge / Ware R	\$1,534,735	NFA	603721
		Shrewsbury	NE	Route 9 signals	\$6,864,040	CMAQ	603568
TOTAL					\$15,519,639		
2007	9/22/07	Auburn	SW	I-395 signs	\$2,236,700	STP	604611
	9/8/07	Barre	N	Vernon Ave bridge	\$4,732,910	Br	603566
	10/7/07	Blackstone	SE	Route 122 bridge / Blackstone	\$2,892,213	NFA	604140
	9/15/07	Grafton	SE	Route 122 @ Millbury Street	\$964,940	STP	603712
	9/22/07	Hopedale	SE	Route 140 @ Hartford Ave	\$1,452,090	CMAQ	603359
	8/4/07	Leicester	W	Route 56 reconstruction	\$2,545,030	STP	603480
	8/4/07	Rutland	N	Route 68 resurfacing	\$4,599,270	STP	603485
	9/1/07	Sutton	SE	Tricentennial Park	\$524,920	STP	604484
	9/15/07	Worcester	C	City Hall enhancement	\$534,930	STP	604556
TOTAL					\$20,483,003		
2008	6/21/08	Dudley	SW	Route 31	\$2,334,110	STP	604374
	9/13/08	Dudley/Webster	SW	Perryville Road bridge	\$2,137,024	Br	603469
	6/21/08	Holden	N	Mill Street bridge	\$1,612,227	Br	603421
	6/28/08	Holden	N	Mill Street bridge	\$288,457	Br	603421
	6/21/08	Princeton	N	Ball Hill Rd	\$996,260	Br	603640

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	7/19/08	Shrewsbury	NE	Route 140 (Grafton Street)	\$7,066,041	STP	600690
	9/6/08	Spencer	W	Route 31 (Maple Street)	\$2,292,380	STP	604485
	9/13/08	Webster	SW	Route 12 @ Routes 16&193	\$2,290,601	CMAQ	602846
	7/19/08	Westborough	NE	Lyons Street bridge	\$786,921	NFA	605074
	6/28/08	Worcester	C	Cambridge / Southbridge	\$2,193,510	HSIP	600575
	7/5/08	Worcester	C	I-190 and I-290	\$11,991,858	IM	604949
	7/19/08	Worcester	C	Blackstone River Rd	\$2,920,860	STP	601812
TOTAL					\$36,910,249		
2009	3/28/09	Barre	N	Route 122	\$2,795,740	ARRA	604373
	12/27/08	Hardwick	W	Bridge Street bridge	\$2,934,610	Br	604020
	3/28/09	Hardwick/NewBraintree	W	Route 32 (Main Street)	\$622,600	ARRA	604376
	6/13/09	Shrewsbury/Worcester	NE	Route 20	\$3,453,780	ARRA	603533
	9/19/09	Southbridge	SW	Route 169 (N Woodstock Rd)	\$5,786,983	STP/ARRA	602961
	9/19/09	Sturbridge/Southbridge	SW	Route 131 (Southbridge Rd)	\$4,897,848	STP	601223
	9/12/09	Worcester	C	Route 70 (Lincoln St) PH I	\$2,789,121	HSIP	602620
	9/19/09	Worcester/Shrewsbury	C	Route 20	\$2,950,690	ARRA	603533
TOTAL					\$26,231,372		
2010	6/5/10	Auburn	SW	I-290 & I-395	\$11,136,190	IM	605585
	7/10/10	Auburn	SW	Millbury St	\$1,208,510	STP	603191
	8/28/10	Auburn	SW	Route 20	\$3,033,600	STP	605580
	1/23/10	Douglas/Nbr/Sutton/Ux	SE	Rte 146 (SB)	\$9,980,780	ARRA	604474
	6/26/10	Douglas/Nbr/Sutton/Ux	SE	Rte 146 (NB)	\$9,371,670	STP	606035
	1/16/10	Hardwick	W	Route 32	\$2,264,320	ARRA	605710
	7/3/10	Millbury	SE	Route 122A bridge	\$215,441	Br	85500
	12/5/09	Oakham	N	Route 122 bridge	\$1,567,490	ARRA	605068
	6/26/10	Oxford	SW	Rte 12 / Cudworth Rd	\$758,120	STP	603356
	1/2/10	Southbridge	SW	Alpine Dr bridge	\$1,995,660	Br	603992
	9/11/10	Spencer	W	Brooks Pond Rd	\$49,450	Br	603006
	8/31/10	Sturbridge	SW	Grand Trunk Trail	\$41,440	Design	605674
	6/12/10	Sutton	SW	Main St bridge	\$1,411,400	Br	604252
	7/24/10	Uxbridge	SE	River Rd bridge	\$2,534,465	Br	604788
	9/18/10	W Brookfield	W	Long Hill Rd	\$3,648,878	Br	601796
	4/6/10	Worcester	C	Bikeway Qvillage McKeon Rd	\$160,000	Design	605780
	9/11/10	Worcester	C	Canal district streetscape	\$6,991,470	ARRA	605750
	9/11/10	Worcester	C	Belmont St E	\$6,269,600	HSIP/STP	601920
	9/11/10	Worcester	C	N Main St gateway	\$2,102,290	HPP	604473
	11/16/10	Worcester	C	Bike Path Tainter to Kilby	\$104,082	Design	604892
	1/20/10	WRTA	C	Vehicles, ITS, Equip, Facility	\$1,241,857	ARRA trans	
TOTAL					\$66,086,713		
2011	7/16/2011	Barre	N	Route 122 bridge	\$2,127,332	Br	605084
	7/23/2011	Boylston	NE	Route 70 drainage improve	\$2,826,624	STP	606041
	8/6/2011	Dudley	SW	West Dudley Rd over Quinebaug	\$4,393,165	Br	604032
	9/24/2011	E Brookfield	W	Shore Rd over Ebrook R	\$1,273,777	Br	603003
	3/12/2011	Holden/West Boylston	N	I-190 over Quinapoxet	\$1,167,391	Br	605772
	1/22/2011	Millbury	SE	Greenwood St bridge	\$1,291,360	Br	605691
	8/27/2011	Northborough	NE	Church/South/Hudson	\$3,937,597	CMAQ	604115
	7/2/2011	Northborough/Shrewsbury	NE	Route 20	\$2,638,506	STP	606151
	7/16/2011	Oxford	SW	I-395	\$10,356,822	IM	605759
	7/30/2011	Worcester	C	Qvillage Bikeway	\$1,388,398	STP	605780
	9/24/2011	Worcester	C	Rt 12 over Middle R	\$3,873,500	Br	604690
	9/3/2011	Worcester	C	Belmont St	\$5,290,047	STP	604955
	9/3/2011	Worcester	C	I-290	\$23,569,131	IM	604409
TOTAL					\$64,133,650		
2012	12/13/2011	Auburn	SW	Swanson Rd over I-290	\$2,948,872	Br	605561
	12/10/2011	Auburn & west	SW	I-90 resurfacing, to I-84	\$11,130,400	IM	606288
	9/15/2012	Auburn/Oxford	SW	Route 12/20 overlap	\$7,239,589	CMAQ/STP	604234

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	12/10/2011	E Brookfield/Spem/Stur	W	Route 49 resurfacing	\$2,744,732	STP	606451
	12/10/2011	Northbridge	SE	Doug Rd over Mumford R	\$4,657,069	Br	604161
	12/3/2011	Shrewsbury/Worcester	NE/C	Lake Q bridge	\$144,613,752	Br	604729
	1/14/2012	Southbridge	SW	Rt 169 over P&W	\$2,779,726	Br	605338
	12/24/2011	Warren/W Brookfield	W	Route 67 resurfacing	\$2,270,249	STP	606487
TOTAL					\$178,384,389		
2013	7/13/2013	Northbridge	SE	Sutton St reconstruction	\$6,268,133	STP	606493
	11/9/2013	Northborough	NE	Route 20 resurfacing	\$3,843,668	STP	605610
	8/3/2013	Oakham/Rutland	N	Route 20 resurfacing	\$2,523,158	STP	606562
	6/22/2013	Oxford	SW	Culvert replacement	\$1,068,904	NHPP	604507
	5/24/2013	Sturbridge	SW	I-84 maintenance	\$4,003,000	IM	607384
	4/13/2013	Sutton	SE	Rt 146 at Boston Rd	\$8,040,631	NFA	606110
	5/25/2013	Warren/Brim/Palmer	W	I-90 resurfacing & related	\$2,806,967	IM	606704
	6/29/2013	Worcester	C	Int Imprv Linc/High/Pleas Corr	\$2,761,665	HSIP/CMAQ	602037
	12/28/2013	Worcester	C	Sidewalk Construction	\$1,269,343	Sect129	605649
	12/28/2013	Worcester	C	Quinsig Village Bikeway	\$1,589,213	HPP	605780
	6/29/2013	Worcester	C	SRTS Const Elm Park School	\$570,521	SRTS	607243
	9/21/2013	Worcester/Marlborough	C/NE	I-290 guide sign replacement	\$3,091,149	HSIP	606212
TOTAL					\$37,836,352		
2014	9/13/2014	Auburn	SW	I-290 Pavement Repairs	\$2,658,080		608032
	8/16/2014	Barre	N	Town Common Improvements	\$4,346,981	STP/TE	604227
	9/20/2014	Charlton/Southbridge	SW	Route 169 Resurfacing	\$4,726,891	STP	606662
	9/13/2014	Dudley	SW	Center Rd Resurfacing	\$3,295,918	STP/TAP	605390
	9/20/2014	Millbury/Worcester	C/SE	Route 146 Resurfacing	\$6,763,821	STP	607569
	9/13/2014	Paxton	N	Route 122 Resurfacing	\$1,643,502	STP	606559
	3/22/2014	Westborough	NE	Route 9 Resurfacing	\$7,779,502	NHS	607172
	9/20/2014	Westborough	NE	I-495 Highway Lighting	\$1,892,343		603939
	5/10/2014	Worcester	C	Belmont Bridge Reconstruct	\$14,251,955	NFA	604065
	12/20/2014	Worcester	C	Bike Path Construction	\$2,918,510	HPP	604892
	9/6/2014	Worcester	C	Lincoln St Phase II	\$7,510,843	CMAQ/HSIP	605055
TOTAL					\$57,788,346		
2015	3/14/2015	Auburn	SW	I-90 Maint Facility Roof Replace	\$556,250		607642
	11/21/2015	Brookfield	W	Route 148 Reconstruction	\$2,253,000	STP	603486
	9/5/2015	District #3		CCTV Cameras & VMS on 290	\$6,540,000	SW ITS	607484
	12/26/2015	Gardner/Shrewsbury	NE	Rt 70 Stormwater Improv	\$561,800	STP-TE	608060
	8/22/2015	Holden	N	Bridge Replacement	\$2,301,270	Bridge	604675
	2/28/2015	Millbury	SE	Route 146 Bridge/Roundabout	\$13,647,354	CMAQ/NFA	605964
	8/29/2015	Millbury/Sutton	SE	Route 146 Median Barrier	\$6,047,950	HSIP/STP	606485
	2/28/2015	Northboro/Marlboro	NE	I-290 Maintenance	\$12,055,380	NHPP/STP-E	607181
	7/25/2015	Southbridge	SW	Bridge Preservation	\$4,168,395	NHPP	605972
	9/5/2015	Sturbridge	SW	Route 20 Resurfacing	\$3,193,904	HSIP/STP	606347
	2/21/2015	Uxbridge	SE	Bridge Replacement	\$1,788,548	Bridge	607890
	9/19/2015	Warren	W	Rts 67/19 Improvements	\$1,922,995	STP	605559
	7/4/2015	Worcester	C	Visitor Center Early Site Work	\$4,368,638	CMAQ/TAP/HPP	608018
	3/7/2015	Worcester/West Boylston	C/N	I-190 Maintenance	\$19,053,780	NHPP/STP-E	605588
TOTAL					\$78,459,264		
2016	9/3/2016	Boylston/W Boylston	N/NE	Rt 140 Stormwater Improve	\$4,508,748	STP-TE	608043
	8/20/2016	Douglas	SE	Route 16 Resurfacing	\$3,016,834	HSIPR	608168
	9/3/2016	Dudley	SW	Carpenter Rd Bridge Demo	\$500,000	Bridge-Off	607113
	8/6/2016	Dudley	SW	Route 31 Upgrades	\$1,000,000	HSIP	608169
	7/30/2016	Hopedale/Uxbridge	SE	Rts 140&146 Stormwater Imp	\$715,000	STP-TE	608133
	12/17/2016	Leicester	W	Route 56 Resurfacing	\$2,959,267	STP	606346
	8/6/2016	Rutland	NE	Intervale Rd Bridge Replace	\$2,174,958	Bridge-Off	606303
	8/27/2016	Shrews/Boylston/Nboro	NE	I-290 Maintenance	\$15,168,800	NHPP	607479
	8/27/2016	Shrewsbury/Westborough	NE	Route 9 Resurfacing	\$16,164,678	STP/HSIP/TE	607176
	8/6/2016	Spencer	W	Route 9 Rehab (Town Ctr)	\$3,207,000	HSIP/CMAQ/TAP	606207

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	11/12/2016	Spencer	W	Route 31 Resurfacing	\$4,874,060	STP	602991
	6/11/2016	Sturbridge-Holland	SW	I-84 Maintenance	\$16,633,500	IM + Stormwater	605592
	9/3/2016	Sturbridge	SW	Route 148 Roadway Imprv	\$740,350	HSIPR	608170
	9/3/2016	Warren	W	Route 67 Resurfacing	\$1,200,000	STP	606686
	5/28/2016	West Brookfield	W	Rt 9/Rt 67/School St Reconst	\$2,100,000	STP	604739
	8/27/2016	West Brookfield	W	Wickaboag Rd Bridge Replace	\$2,179,161	Bridge-Off	604468
	9/10/2016	Westborough	NE	Route 9/Lyman St	\$8,057,763	HSIP/CMAQ	604864
	Complete	Worcester	C	WRTA Stormwater Mitigation	\$156,000	TAP	TAP03
	9/3/2016	Worcester	C	Blackstone Visitor Ctr	\$14,957,599	HPP/STP/CMAQ	606629
TOTAL					\$100,313,718		
2017	11/25/2017	Auburn/Worcester	C/SW	I-290 Guide Sign Replacement	\$5,323,510	HSIP	607917
	12/23/2017	Auburn/Worcester	C/SW	I-290 Pavement Preservation	\$5,022,080	NHPP	608822
	12/16/2017	Millville/Uxbridge	SE	Rt 146 Pavement Preservation	\$4,715,280	NHPP	608808
	4/15/2017	Northborough/Shrews	NE	Rt 9 & Rt 20 Ramp Imp	\$2,265,358	STP	607442
	1/28/2017	Oxford	SW	I-395 Bridge Maintenance	\$2,906,969	NHPP	606075
	5/27/2017	Oxford	SW	Charlton St Reconstruction	\$5,722,150	CMAQ/STP	606206
	2/4/2017	Oxford/Webster	SW	I-395 Maintenance	\$2,131,000	NHPP	607562
	9/2/2017	Shrewsbury	NE	Main St Reconstruction	\$6,278,484	HSIP/TAP/CMAQ	602740
	11/11/2017	Sturbridge	SW	Rt20/I-84 Stormwater Improve	\$700,000	STP-TE	608394
	7/22/2017	Sutton	SE	Bridge Replacement S-33-005	\$4,280,685	Bridge-Off	606638
	12/2/2017	Worcester	C	Main & Maywood St Improve	\$2,104,176	TI	604893
	12/23/2017	Worcester	C	Blackstone Canal Improvements	\$1,915,100	STP/TAP/Sec120	606888
	8/26/2017	Worcester	C	CBD Streetscape Improvements	\$6,977,015	HPP/SW STP	606434
TOTAL					\$50,341,807		
2018	12/29/2018	Holden	N	I-190 Bridge Maintenance	\$466,076	NHPP-On	607908
	7/28/2018	Paxton	N	Route 31 Reclamation	\$4,283,676	STP/TAP	607250
	7/21/2018	Princeton	N	Route 140 Reconstruction	\$7,987,000	STP	606440
	9/8/2018	Worcester	C	Blackstone River Bikeway (Seg 7)	\$7,861,573	CMAQ/HPP	605820
	9/8/2018	Worcester	C	Winthrop/Granite/Vernon/Prov	\$3,853,939	STP/CMQ/HSIP	605740
TOTAL					\$24,452,264		
2019	9/14/2019	Brookfield/E. Brookfield	W	S Pond Rd Bridge Replace	\$3,421,582	BR-Off	608190
	12/21/2019	Holden/West Boylston	N	I-190 Resurfacing	\$7,929,600	NHPP	609401
	9/7/2019	Southbridge	SW	Quinebaug River Bank Stabilization	\$1,000,000	HPP	608892
	8/3/2019	Upton	SE	High St/Hopkinton Rd Imp(Ph I)	\$7,250,000	CMAQ/HSIP	606125
	9/14/2019	Uxbridge	SE	Rt 122 (Nmain st) Reconstruct	\$4,612,400	STP	604948
	12/28/2019	Webster	SW	Klebart Ave Resurfacing	\$5,855,558	STBG	608038
	11/30/2019	West Brookfield	W	Foster Hill Rd Bridge Replace	\$1,837,034	Bridge-Off	608633
	8/24/2019	Worcester	C	Holden/Shore/Drummond Imp	\$2,320,914	CMAQ	603251
	7/13/2019	Worcester	C	Grafton St Reconstruction	\$7,600,000	CMAQ/STP/HSIP	601368
	11/2/2019	Worcester	C	I-290 Bridge Painting & Cleaning	\$13,154,029	HIP/NHPP	609476
	4/12/2019	Worcester	C	Rt122/Millbury St/McKeon Rd	\$1,100,000	NFP	607757
	7/20/2019	Worcester	C	Kelley Square Improvements	\$17,030,797	STP/HSIP	609226
TOTAL					\$73,111,914		
2020	7/25/2020	Auburn	SW	Auburn St Rehabilitation	\$4,765,372	HSIP/STBG/TAP	607733
	5/9/2020	Sturbridge	SW	Culvert Replacement	\$4,189,910	STBG	606701
	8/29/2020	Upton	SE	Hartford Ave/High St Phase II	\$4,487,158	STBG/TAP	608764
	7/25/2020	West Brookfield	W	Sidewalk&Wheelchair Const	\$924,995	TAP	608191
	3/14/2020	Worcester	C	I-290 Resurfacing	\$10,631,800	NHPP	609400
	6/13/2020	Worcester	C	I-290 & Route 122A StormH2O	\$2,257,816	STBG	608057
TOTAL					\$27,257,051		
2021	4/3/2021	Grafton	SE	Route 122A Reclamation	\$10,241,603	STBG	607903
	7/17/2021	Hardwick	W	Rts 32 & 32A Resurfacing	\$5,031,718	STBG	606220
	6/26/2021	Westborough	NE	Fisher St Bridge Replacement	\$1,770,817	STBG	607434
TOTAL					\$17,044,138		

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2022	4/23/2022	Charlton/Oxford	SW	Route 20 Reconstruction	\$78,222,752	STBG / NHPP / HSIP / CMAQ	602659
	3/19/2022	Holden	N	Route 122A Resurfacing	\$2,978,029	NHPP	608815
	4/30/2022	Millbury	SW	McCracken & Greenwood St	\$11,310,573	STBG	605377
	7/9/2022	Oxford	SW	I-395 Bridge Cleaning & Painting	\$8,741,567	NHPP	612133
	9/10/2022	Rutland	N	Route 56 Reconstruction	\$7,263,150	STBG	608432
	6/4/2022	Uxbridge	SE	Rt 146 Ramp over Emerson Brook	\$1,242,073	STBG-BR-Off	608907
TOTAL					\$109,758,144		
2023	8/26/2023	Holden	N	Main St/Shrews St/Doyle Rd	\$13,049,700	CMAQ/STBG	609219
	5/27/2023	New Braintree	W	Ravine Rd & Hardwick Rd Imp	\$5,618,343	STBG	605035
	6/17/2023	Spencer	W	Meadow Rd Rehabilitation	\$12,821,789	CMAQ/STBG/TAP	608873
	6/24/2023	Sturbridge	SW	Champeaux Rd Bridge Replace	\$3,177,917	STBG-BR-OFF	610826
	3/4/2023	Worcester	C	Bridge Preservations	\$4,064,108	HIP-BR	612650
TOTAL					\$38,731,857		
2024	12/30/2023	Auburn/Oxford	SW	I-290/I-395 Resurfacing	\$5,980,000	NHPP-I	612087
TOTAL					\$5,980,000		

Central Massachusetts Regional Planning Commission

Member Communities

Auburn	Northborough
Barre	Northbridge
Berlin	Oakham
Blackstone	Oxford
Boylston	Paxton
Brookfield	Princeton
Charlton	Rutland
Douglas	Shrewsbury
Dudley	Southbridge
East Brookfield	Spencer
Grafton	Sturbridge
Hardwick	Sutton
Holden	Upton
Hopedale	Uxbridge
Leicester	Warren
Mendon	Webster
Millbury	West Boylston
Millville	West Brookfield
New Braintree	Westborough
North Brookfield	Worcester

Central Mass Regional Planning Commission



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