



OLD COLONY
PLANNING COUNCIL

Old Colony Planning Council Wednesday April 27, 2022

6:00 pm

Via ZOOM Conferencing or In Person

<https://zoom.us/join>

Meeting ID: 832 2140 2258 Passcode: 168176

Call in - 1 786 635 1003

Meeting ID: 832 2140 2258 Passcode: 168176

Agenda

Agenda for Meeting No. 587
April 27, 2022

Old Colony Planning Council
70 School Street, Brockton, MA 02301

The listings of matters are those reasonably anticipated by the Chair, which may be discussed at the meeting. Not all items listed may in fact be discussed and other items not listed may be brought up for discussion to the extent permitted by law.

1. **Call to Order, 6:00 PM** Christine M. Joy, President * **accessibility statement**
2. **Roll Call of Members** Sandra Wright, Secretary
3. **Minutes of March 30, 2022, meeting** Sandra Wright, Secretary **Action Item**
4. **Financials March** Douglas Sylvestre/Brenda Robinson **Action Item**
5. **Staff Report** Mary Waldron, Executive Director
6. **Regional Clearinghouse/Environmental Notification, Mary Waldron**
7. **Report out of the Personnel Committee, Chairman Steven Santeusanio** **Action Item**
8. **Status on the Retirement legislation.** Mary Waldron
9. **FFY 2022-2026 TIP Amendment 1,** Charles Kilmer **Action Item**
10. **FFY 2023-2027 TIP,** Charles Kilmer **Action Item**
11. **July 15th deadline for virtual/remote meetings.** **Potential Action Item**
12. **DA Timothy Cruz – Presentation**
13. **Suggestions for future meetings Agenda items.**
14. **Adjournment.** (Council delegate or alternate sitting in for the delegate to make the motion)

Upcoming Meetings:

Finance – Tuesday, May 24 at 5:45pm
Council – Wednesday, May 25 at 6:00pm

Announcements

New Projects

EEA #16538 – Plymouth – Long Beach Mixed Sediment Nourishment

Certificates

EEA # 16504 – Warehouse Facility – East Bridgewater

The Certificate states that this project **Does Not** require an Environmental Impact Report.

EEA #16383 – Lincoln Park – West Bridgewater

The Certificate states that this project adequately and properly complies with MEPA.

Site Visits

EEA #16538 – Plymouth Long Beach Mixed-Sediment Nourishment

March 23, 2022 at 2:00 PM. RSVP to christina.lyons@mass.gov at least one hour before the meeting for instructions on joining the video conference or calling in by phone.

Public Notices

Notice of Application and Issuance of Draft Groundwater Discharge Permit – Kingston

The Town of Kingston is applying for a Groundwater Discharge Permit for sanitary wastewater in the amount of 1,000,000 Gallons Per Day. The location of the facility is located on Cranberry Road.

Notice of Intent to Initiate an Eelgrass Restoration Project – Duxbury, Plymouth

The project consists of transplanting ½ acre of eelgrass (*Zostera marina*) in Duxbury Bay over a five year period, beginning in spring 2022. The project shall result in an increase in storm damage prevention and the protection of fisheries as well as wildlife habitat.

Notice of Intent for Ecological Restoration at 127 Manomet Point Road – Plymouth

The proposed project includes wetland improvements, invasive plant management, maintenance of existing meadows & walking trails and the construction of an observation blind with boardwalk. The proposed project has been designed to improve wildlife habitat value throughout the site, provide an overall improvement to the natural capacity of the resource areas and to protect and sustain the interest identified in the MA Wetlands Protection Act.

Notice of Application and Issuance of a Draft Groundwater Discharge Permit – Kingston

This permit is for the discharge of 1,000,000 gallons per day of sanitary wastewater.

Notice of Application and Issuance of a Draft Groundwater Discharge Permit – Easton

This permit is for the discharge of 31,000 gallons per day of treated sanitary wastewater.

Accessibility Statement and Title VI Nondiscrimination Statement

To be read by the Chair at the start of each meeting:

- “This meeting is accessible to people with disabilities. Microphones or telephones will be used by all speakers. Large-print materials are available upon advance request. If you would like either of these accommodations, please contact Mary Waldron at 508-583-1833 Extension 202.”
- “The Notice of Nondiscrimination Rights and Protections to Beneficiaries with regard to the Federal “Title VI/ Nondiscrimination” Protections and the State Nondiscrimination Protections is posted in this meeting room and is available on the Old Colony Planning Council Website. Please contact Mary Waldron at 508-583-1833 Extension 202 for more information. Thank you.”



OLD COLONY
PLANNING COUNCIL

Old Colony Planning Council March 30, 2022 Draft Meeting Minutes

1. Call to Order and Reading of the Accessibility Statement
2. Roll Call of Members (members in **red** were in attendance)

<u>Roll Call</u>	<u>Town</u>	<u>Member</u>	<u>Role</u>
	Abington	Steven Santeusanio	Delegate
	Abington	Alex Hagerty	Alternate
	Avon	Frank Staffier	Delegate
	Avon	John Costa	Alternate
	Bridgewater	Sandra Wright	Delegate
	Brockton	Sydnè Marrow	Delegate
	Brockton	Preston Huckabee	Alternate
	Duxbury	Vacant	Delegate
	Duxbury	George Wadsworth	Alternate
	East Bridgewater	Peter Spagone	Delegate
	East Bridgewater	John Haines	Alternate
	Easton	Jeanmarie Kent Joyce	Delegate
	Halifax	Ashley A. DiSesa	Delegate
	Hanover	Vacant	Delegate
	Hanson	Antonio M. DeFrias	Delegate
	Hanson	Joe Campbell	Alternate
	Kingston	Valerie Massard	Delegate
	Kingston	Paul Basler	Alternate
	Pembroke	Becky Coletta	Delegate
	Pembroke	Alysha Siciliano-Perry	Alternate
	Plymouth	Lee Hartmann	Delegate
	Plympton	Christine Joy	Delegate
	Stoughton	Doug Sylvestre	Delegate
	Stoughton	Forrest Lindwall	Alternate
	West Bridgewater	Eldon Moreira	Delegate
	Whitman	Fred Gilmetti	Delegate
	Whitman	Dan Salvucci	Alternate
	Delegate At-Large	Vacant	
	OCPC Staff	Mary Waldron Shawn Bailey Sean Noel	Charles Kilmer Brenda Robinson Laurie Muncy
	Guests	Joanne Zygmunt Attorney Matthew Feeney	David Klein BU Students

3. Minutes of February 23, 2022 Meeting

Eldon Moreira made a motion to accept the minutes of the February 23rd, 2022 Council Meeting and Steven Santeusanio seconded the motion. A roll call vote was made, and the minutes were unanimously approved.

4. Financials February

Brenda Robinson provided the following Financial Report for February:

1. **Statement of Expenditures Report** shows total expenses for the month of \$158,729.14 – One Hundred Fifty-Eight Thousand, Seven Hundred Twenty-Nine Dollars and Fourteen Cents.
2. **Cash Position Report** shows Income for the month of \$314,020.51 – Three Hundred Fourteen Thousand, Twenty Dollars and Forty-Three Cents.

Disbursements for the month were \$411,194.43 – Four Hundred Eleven Thousand, One Hundred Ninety-Four Dollars and Forty-Three Cents.

The Total cash available at month's end was \$1,225,993.24 – One Million, Two Hundred Twenty-Five Thousand, Nine Hundred Ninety-Three Dollars and Twenty-Four Cents.

OPEB Account had a **LOSS** of \$3,832.90 – Three Thousand, Eight Hundred Thirty-Two Dollars and Ninety Cents. Bringing the ending balance in the OPEB account to \$915,765.35 – Nine Hundred Fifteen Thousand, Seven Hundred Sixty-Five Dollars and Thirty-Five Cents.

3. **Budget Resources Report:** Total receipts for the month being \$314,020.51 – Three Hundred Fourteen Thousand, Twenty Dollars and Fifty-One Cents. Bringing the total cumulative receipts in FY22 to \$1,909,664.98 – One Million, Nine Hundred-Nine Thousand, Six Hundred Sixty-Four Dollars and Ninety-Eight Cents.

4. **AAA Report:**

- Total Recorded Pass-Through Invoices for AAA Programs for FY21 & FY22 as of the end of February were \$1,976,790 – One Million, Nine Hundred Seventy-Six Thousand, Seven Hundred Ninety Dollars.
- Total Pass-Through Funds Received for AAA Programs for FY21 & FY22 as of the end of February were a total of \$974,751 – Nine Hundred Seventy-Four Thousand, Seven Hundred Fifty-One Dollars.
- Total Recorded Invoices for AAA Ombudsman and AAA Admin Programs for FY21 & FY22 as of the end of February were a total of \$427,523 – Four Hundred Twenty-Seven Thousand, Five Hundred Twenty-Three Dollars.
- Total Funds Received for AAA Ombudsman and AAA Admin Programs for FY21 & FY22 as of the end of February were a total of \$200,658 – Two Hundred Thousand, Six Hundred Fifty-Eight Dollars.
- BRINGING TOTAL balance owed as of the end of February for all AAA Programs to equal: \$1,228,903 – One Million, Two Hundred Twenty-Eight Thousand, Nine Hundred-Three Dollars.

Voluntary Transportation Account: February beginning balance was \$178,434.66 – One Hundred Seventy-Eight Thousand, Four Hundred Thirty-Four Dollars and Sixty-Six Cents. Total Payments to Volunteers in February were \$917.65. Donations in February was a total of \$20.00. Bringing the February ending balance in the fund to \$177,537.01 – One Hundred Seventy-Seven Thousand, Five Hundred Thirty-Seven Dollars and One Cent.

5. **ROM February 2022 Statement and Activity:**

Balance at the beginning of the month was \$185,677.69 – One Hundred Eighty-Five Thousand, Six Hundred Seventy-Seven Dollars and Sixty-Nine Cents. February receipts were: \$5,850 – Five Thousand, Eight Hundred-Fifty Dollars. Bringing TOTAL ROM FY22 Receipts to \$53,542 – Fifty-Three Thousand, Five Hundred Forty-Two Dollars.

February Expenses were: \$9,051.12 – Nine Thousand, Fifty-One Dollars and Twelve Cents. Bringing Total ROM Expenses in FY22 to \$55,093.09 – Fifty-Five Thousand, Ninety-Three Dollars and Nine Cents.

The ending balance in February was \$182,671.17 – One Hundred Eighty-Two Thousand, Six Hundred Seventy-One Dollars and Seventeen Cents.

6. **Budget Spend-Down Report:** Page One Total FY22 Expenditures through the end of February were \$1,293,703 – One Million, Two Hundred Ninety-Three Thousand, Seven Hundred-Three Dollars.

7. List of February’s Combined A/P (Provided in Condensed February Financial Report)

Doug Sylvestre made a motion to accept the February Financial Reports and Sydnè Marrow seconded the motion. A roll call vote was made, and the Reports were unanimously approved.

Additional Fiscal Items:

Audit Update: Brenda met with Russell Knapp from Marcum to finalize adjusting entries to OCPC’s QuickBooks files. All closing entries were made, Trial Balance with adjustments was run, and OCPC is 100% balanced. The FY21 Audit is completed and final.

Fraud Case Update from Rockland Trust: Brenda stated that Rockland Trust reported that OCPC did not take a loss on any of the compromised checks, and that OCPC’s account had a quick transition to Positive Pay. This case is officially closed by Rockland Trust.

NICRA Update: The NICRA Application has been filed for OCPC’s FY23 Indirect Cost Proposal. The ending amount requested, which is based on Total Allowed Indirect/Administrative costs, divided by Direct Salaries, is at 93.64%. The items that contributed to the change in the Indirect Cost Proposal rate going from 108.71% in the prior year, to 93.64% in the current year, are that OCPC’s Allowed Admin Costs decreased by \$16,606, while the Direct Salaries increased by \$112,715.

Harpers Accrual Adjustments Report: Brenda stated she is working with a Harpers Representative regarding the need to edit the OCPC Accruals, which were set many years ago and are no longer accurate. Based on OCPC policies which will be made available to Harpers, the accruals will be reset to adjust appropriately with the first pay of FY23 (PR WK: Jun 26 – Jul 3/Pay Date Jul 5). The accruals will also be set to stop accruing if and when any employee reaches the maximum allowance of accrued sick and/or vacation hours based on company policies. There will only be two choices of accrual rates: Full-Time or Part-Time. Any automatic increases in Vacation Weeks due to longevity, etc. will also be considered. A schedule of accruals will be written and presented to the Council for approval prior to administering any changes through Harpers.

5. **Staff Report**

Mary Waldron stated that in the packet for this meeting was the Staff Report, which in addition to detailed information for all of OCPC’s departments, also included a celebration of Women’s Month. It was submitted the previous week to allow Council members the time to review it prior to this meeting. Mary asked the members to read the provided Staff Report that was submitted.

6. Regional Clearinghouse Environmental Notifications

Mary Waldron reported on the following MEPA projects:

New Projects

EEA #16538 – Plymouth – Long Beach Mixed Sediment Nourishment

Certificates

EEA # 16504 – Warehouse Facility – East Bridgewater

The Certificate states that this project **Does Not** require an Environmental Impact Report.

EEA #16383 – Lincoln Park – West Bridgewater

The Certificate states that this project adequately and properly complies with MEPA.

Site Visits

EEA #16538 – Plymouth Long Beach Mixed-Sediment Nourishment

March 23, 2022 at 2:00 PM. RSVP to christina.lyons@mass.gov at least one hour before the meeting for instructions on joining the video conference or calling in by phone.

Public Notices

Notice of Application and Issuance of Draft Groundwater Discharge Permit – Kingston

The Town of Kingston is applying for a Groundwater Discharge Permit for sanitary wastewater in the amount of 1,000,000 Gallons Per Day. The location of the facility is located on Cranberry Road.

Notice of Intent to Initiate an Eelgrass Restoration Project – Duxbury, Plymouth

The project consists of transplanting ½ acre of eelgrass (*Zostera marina*) in Duxbury Bay over a five-year period, beginning in spring 2022. The project shall result in an increase in storm damage prevention and the protection of fisheries as well as wildlife habitat.

Notice of Intent for Ecological Restoration at 127 Manomet Point Road – Plymouth

The proposed project includes wetland improvements, invasive plant management, maintenance of existing meadows & walking trails and the construction of an observation blind with boardwalk. The proposed project has been designed to improve wildlife habitat value throughout the site, provide an overall improvement to the natural capacity of the resource areas and to protect and sustain the interest identified in the MA Wetlands Protection Act.

Notice of Application and Issuance of a Draft Groundwater Discharge Permit – Kingston

This permit is for the discharge of 1,000,000 gallons per day of sanitary wastewater.

Notice of Application and Issuance of a Draft Groundwater Discharge Permit – Easton

This permit is for the discharge of 31,000 gallons per day of treated sanitary wastewater.

Mary thanked Kyle Mowatt for compiling these project notifications and summaries. Mary stated that if any Council member would like OCPC staff to draft a comment letter on the community's behalf that OCPC would be happy to do that.

7. Nominating Committee Report for OCPC Officers

Frank Staffier reported that the Nominating Committee met on March 8th, 2022 and the following people were in attendance: Frank Staffier, Eldon Moreira, Jeanmarie Kent Joyce, Mary Waldron, Charles Kilmer, and Lee Hartmann. The Nominating Committee recommends to the Council that the President be Valerie Massard, the Secretary be Sandra Wright, and the Treasurer be Fred Gilmetti. Christine Joy thanked Frank Staffier for his

recommendations and appreciates the willingness of the three candidates to serve in the recommended positions. Frank Staffier made a motion to accept the recommended officers and Steven Santeusano seconded the motion. A roll call vote was made, and the recommendations were unanimously accepted.

8. Investment Policy Update

Attorney Matthew Feeney asked Mary Waldron to provide some background on this item for any attendees who have not attended prior meetings and do not know the extent of this document. Mary stated that the Finance Committee has been dealing with this topic/document and it also been before the Council prior to this meeting. The Council is trying to choose a fiduciary for the OPEB (Other Post-Employment Benefits) Account. There was an existing Declaration of Trust for OCPC, however it was found to be outdated and the law affecting it has been changed five times. The Finance Committee voted to have Attorney Feeney come before the Council to state what this Trust is about.

Attorney Feeney stated that was approached previously to assess OCPC's OPEB situation with the Declaration of Trust. The existing OPEB was adopted around 2012 when the statute was in a different posture than its present state. Given that the statute has changed since that adoption, Matthew recommended that OCPC re-adopt the OPEB Statute (M.G.L. c.32B, §20) to increase the investment and efficiency opportunities for the running of the Trust. Matthew has been working on the draft Declaration of Trust for the last year, collaborating with other parties with knowledge of these types of documents, and has both added and removed language from the document while making sure certain terms are in place applicable to OCPC's needs. Attorney Feeney stated that this Trust is set up to have a sole Trustee for the Trust (one of which can be the Treasurer), with the other two options being utilizing the State Retirement System (requiring someone from there to serve as the Trustee) or creating a Board of Trustees with anywhere between five (5) and thirteen (13) people. Examples of required members on the Board are an elected employee and retiree of OCPC, which require an election every several years. Matthew recommended the option of the Treasurer being the Sole Trustee of the Trust, who then could adopt the Trust and follow the laid-out steps to put the Trust into effect. OCPC cannot just keep the existing Trust due to the new requirements of the updated statute, which the new draft Trust satisfies. Attorney Feeney stated that the adoption of the statute is not a requirement for OCPC to continue its operations, it simply allows for better investment opportunities. He then opened up the meeting to any questions or concerns regarding the Trust document.

Christine Joy asked that if no action is taken, can the OPEB be moved out of Rockland Trust. Matthew stated the OPEB is not directly tied with Rockland Trust or any specific bank. The Declaration of Trust is the document that controls the OPEB Trust itself. The money can be moved out to a different investment organization if so desired. Becky Coletta asked Matthew regarding accepting investment entities if OCPC went the route of working with the State Retirement System. Matthew said that is currently being debated at the State Retirement Board in terms of which version of Section 20 must be adopted. He stated he is concerned with the language of OCPC's current Trust that it would not satisfy the requirements of the State Retirement Trust given the updated statute. Christine Joy expressed her concern with having a single Trustee and wishes that for an organization that serves 17 communities that more people would be involved in this significantly important process. Matthew replied that it is up to the Council, but he still recommends as little as possible. If OCPC decides to go the Board route, it is better to have an odd number of members, but there is sometimes trouble in finding enough interested people to serve on the Board.

Becky Coletta asked if OCPC can insure against a sole Trustee in the event of any fiduciary violations and can E&O insurance also be purchased due to the sole Trustee accepting a significant amount of fiduciary responsibility. Matthew stated that Article 6 is the Liability and Indemnification of Trustees Section that addresses this issue, but external insurance can be purchased, just not within this document. He stated that any items that are wished to be added or removed can be done now before the potential adoption. Becky asked about how a quorum would work and can it be added to the document. Matthew stated that the current draft is written for a sole Trustee, but he will make the necessary changes should the Council decide to choose having a Board of Trustees. Mary stated that since this document was not provided to the Council members with enough advanced notice to review, that this should return to the Finance Committee before being further discussed and potentially adopted by the Council. Becky asked that if OCPC went with a single Trustee, if it can be written into the Trust that they make decisions based on discussions

with the Council. Matthew said that would be possible, it just needs to be properly reflected in the document with the necessary language.

John Costa recommended to cease any further discussion on the Trust as this is the first time the Council is going through it. Doug Sylvestre suggested sending this document back to the Finance Committee for further discussion before returning it to the Council. Christine Joy agreed and stated that everyone can be invited to that Finance Committee for the discussion before being voted on at the next Council Meeting.

Doug Sylvestre made a motion to send this document back to the Finance Committee before voting on it at the next Council Meeting and Sydne Marrow seconded the motion. A roll call vote was made, and the motion passed unanimously.

9. CEDS Committee Proposed New Members

Joanne Zygmunt reported that in November/December 2021, the CEDS Committee had only nine (9) members on the Committee. As it stands currently, there is space for 16 or 19 members in total and there is a desire to fill the vacancies. The CEDS Committee discussed who they felt would be good additions to represent the diversity and variety of economic interests in the OCPC region. The five proposed people are the following people:

1. Lea Filson (See Plymouth)
2. Michael Lambert (Brockton Area Transit Authority)
3. Debra Roberts (Stoughton Select Board)
4. Stephen Cole (Plymouth Regional Economic Development Foundation)
5. Jack Riley (HarborOne Bank).

Joanne stated that it is hoped that there will be more proposed additions in coming months to fill the remaining vacancies on the Committee. Becky Coletta stated her concern that with the potential addition of Debra Roberts that there would be three people from Stoughton serving on the Committee. Joanne thanked Becky for her observation and stated that there are typos in the affiliated organization of the two current CEDS members. Maryellen Brett in fact represents Massasoit Community College in Brockton (listed as Town of Stoughton) and John Murray represents Mass Hire Greater Brockton Career Center (listed as Metro South Chamber of Commerce). Pamela McCarthy represents Stoughton in an official capacity whereas Debra Roberts would be representing as an elected official. CEDS Committee members feel there should be elected official(s) on board as they have different viewpoints than municipal employees. Debra Roberts was recommended due to being a realtor and an advocate for diversity and inclusion as a Person of Color. Becky stated that she would like to see members represent towns from the eastern portion of the OCPC region. Mary asked Joanne how members are recommended and if recommendations get sent to her. Joanne replied yes, recommendations are sent to her, she discusses with the Co-Chairs, then they forward them to the Committee, then discuss presenting them to the Council. Joanne stated that private sector members are also welcomed, the CEDS Committee is not solely looking for public employees. Valerie Massard made a motion to accept the recommend proposed people to the CEDS committee and Douglas Sylvestre seconded the motion. A roll call vote was made, and the recommended addition were unanimously accepted.

10. Status on the Retirement Legislation

Mary Waldron stated that MARPA (Massachusetts Association of Regional Planning Agencies) has met, and the Bill moved out of committee. There is a discrepancy on which language, and she is working with Senator Michael Brady's office on this matter. They are working on making amendments. There is the idea of the Retirement Legislation is there will be forgiveness of any former debt. Mary stated that there has been some negotiation to accept whether Regional Planning Agencies will be paying going forward or if there will be a line item under "A" & "F". This will remain on future Council Meeting agendas until a resolution to this matter is made. This matter is status quo at this time, this Legislation is moving forward, however it is uncertain which version will be adopted.

11. AAA's Mobility Program Funding Initiatives

Eldon Moreira read the following statement that was prepared by the Area Agency on Aging:

Request for OCPC Council member support on a Motion to:

Support expansion and use of Old Colony Planning Council – Area Agency on Aging mobility funding and expenditures for programs providing transportation of older adults and individuals with disabilities to include, but not be limited to:

- All Sources of available Grant Funding and Transportation program-related Donations;
- And for inclusion of transportation for both traditional ‘Essential Services,’ such as, but not limited to: Medical Appointments or Treatment, shopping, etc.;
- As well as for Transportation which facilitates Socialization and the Prevention of Loneliness by Visitation with others and/or Participation in Group Activities;
- And to include those adult individuals with both Temporary and Permanent Disabilities of a Physical, Mental, or Developmentally challenged nature.

Steven Santeusano made a motion to accept this request and Valerie Massard seconded the motion. A roll call vote was made, and the request was unanimously accepted.

12. Suggestions for Future Meeting Agenda Items

Christine Joy stated that the Trust document will be on the next agenda and asked Mary when the recommended Officers will take effect. Mary stated the Officers take effect July 1, 2022. Mary followed up by informing the Council that Sandra Wright suggested having District Attorney Tim Cruz attend and speak on elder care as well as the state of the area in terms of public safety. Mary asked him about attending, Mr. Cruz accepted, and she needs to inform him of the meeting’ date. Christine suggested discussing cyber security at the next meeting. Mary stated that the Finance committee was updated regarding OCPC heading into its budget season. April will be internal budget meetings between Mary, Charles Kilmer, Brenda Robinson, and Sean Noel. They will be working with all Managers to assess the budget prior to the April Finance Meeting. The budget will be prepared and presented at the May Council Meeting will be presented and voted at the June Council Meeting. Some budget items that will be addressed are capital investments, assessing items such OCPC’s IT, the structure of the building, and phone systems. Mary stated that as Brenda previously mentioned, OCPC is in a good state of financial affairs heading into the next budget season. Christine Joy stated that the next Personnel Meeting is April 5th, Steven Santeusano will be chairing the meeting, and the Personnel Handbook will be addressed. The Finance Committee will meet on April 26th and will address the Trust document. Lastly, the Next Council Meeting is April 27th.

13. Adjournment

Christine Joy made a motion to adjourn the meeting and Fred Gilmetti seconded the motion. The motion to adjourn the meeting passed unanimously.

The recording for this meeting can be found on the Old Colony Planning Council’s YouTube page at the following link:
<https://www.youtube.com/watch?v=PXKjWntzWkg&t=4171s>

**OLD COLONY PLANNING COUNCIL & ROM
COMBINED STATEMENT OF EXPENDITURES**

MARCH 2022

ADMINISTRATIVE EXPENSE CATEGORY	FY22 / OCPC WORKING BUDGET	FY22 / ROM WORKING BUDGET	TOTAL CURRENT COMBINED MONTHS EXPENDITURES	COMBINED EXPENSES TO DATE	BUDGET BALANCE	CUMMULATIVE EXPENDITURES PREVIOUS MONTHS
ADM PROF FEES: AUDIT & LEGAL	35,000	0	0.00	16,470	18,530	16,470
ADMIN BOOKS, DUES, SUBSCR, MEMB	14,500	0	430.00	3,558	10,942	3,128
ADMIN ADVERTISING RELATED	7,000	0	1,892.50	2,543	4,458	650
AUTO EXPENSES: DIRECT	4,500	0		63	4,437	63
ADMIN EQUIPMENT REPAIR & MAINT	1,000	2,500	415.00	1,737	1,763	1,322
ADMIN EQUIP PURCHASE	36,000	0		1,726	34,274	1,726
ADMIN EQUIP RENTAL OCPC ONLY	9,702	0	443.52	1,877	7,825	1,433
ADMIN EQUIP SUPPLIES	1,000	0		0	1,000	0
ROM BUILDING REPAIR & MAINT	0	17,260		1,065	16,195	1,065
BUILDING UTILITIES	0	13,500	2,664.54	7,665	5,835	5,000
BUILDING MANAGEMENT	0	7,500	625.00	1,875	5,625	1,250
FRINGE BENEFITS	195,000	0	6,574.90	85,680	109,320	79,105
INSURANCE ADMIN MISC & ROM BLDG	17,000	6,000	2,344.40	2,344	20,656	0
BUILDING LOAN - INTEREST EXPENSE ***	0	9,500		4,150	5,350	4,150
BUILDING LOAN - PRINCIPAL ***	0	0	2,075.18	2,075	-2,075	0
MEETING EXPENSES	10,000	0		649	9,351	649
MISC EXPENSES (Includes Adm Ser Ch)	96,972	0		1,034	95,938	1,034
OFFICE SUPPLIES	15,000	0	27.38	3,964	11,036	3,937
PR & OTHER SERVICE CHARGES	6,800	0	455.80	1,208	5,592	753
PAYROLL TAXES / ER Medicare, SUI	32,000	0	2,083.98	8,259	23,741	6,175
ADMIN PRINTING	2,500	0	63.72	64	2,436	0
POSTAGE	1,000	0	115.00	572	428	457
RENTAL EXPENSE	70,200	0	5,850.00	17,550	52,650	11,700
SALARIES / Adjusted Gross PR	1,475,000	0	122,121.35	342,488	1,132,512	220,367
TRAVEL ADMINISTRATIVE	2,500	0		47	2,453	47
DIRECT EXPENSES: TRAVEL & OTHER	75,000	0	2,692.45	6,428	68,572	3,735
TELEPHONE/COMMUNICATIONS	18,000	0	874.27	1,429	16,571	554
OPEB BENEFITS	56,000	0	5,000.00	16,998	39,002	11,998
Column Totals	\$2,181,674	\$56,260	\$156,748.99	533,517	1,704,417	376,768
FULL TOTAL BUDGET	\$2,237,934					

NON-BUDGET ITEMS:	<i>Rounding</i>	
COMMUNITY TRANSIT GRANT (CTG)		977.60

TOTAL Expense for month 157,726.59

BALANCING CHECKLIST		
Rockland Regular Checks & Transfers Out: OCPC Total		344,473.76
Rockland Regular Checks: ROM		5,814.72
EFT Payment retirement - Payroll Acct		11,897.74
EFT Payment deferment - Payroll Acct		3,705.43
EFT Payment Benefit Strategies (HSA) - Payroll Acct		805.04
TOTAL DISBURSEMENT		366,696.69
AAA Disbur		-217,188.02
Disbursement Subtotal		149,508.67
Adjustments		
Adjusted Disbursement		149,508.67
PR Transfers		-100,000.00
Total Net Salary (PR Summary)	84,381.56	
Total Liabilities Paid	19,135.27	
ER PR Service Charge	420.80	
Net Payroll	103,937.63	
Total Disbursement		153,446.30
Adjusted Liability ER		4,280.29
4701.09-420.80=4280.29		4,280.29
		157,726.59

350,288.48

Total Gross PR	124,626.13
PR Ser Charge	-420.80
ER Medicare Tax	-1,492.00
ER SUI Tax	-591.98
Adjusted Gross PR	122,121.35

REGULAR CHKNG EXP TRACKING TO BAL	
A/P Expenses OCPC	26,308.14
EFT Payroll Transfer	100,000.00
AAA Distribution	217,188.02
AAA CTG Distribution	977.60
TOTAL OCPC Cks & Transfers	344,473.76

Exps ROM Chking Portion 5,814.72

Total A/P August 350,288.48

**CASH POSITION
REPORT - MARCH 2022**

**LAST MONTH:
BALANCES: FEB 2022**

Northeaston Savings Bank CD #7191	\$104,441.29
Northeaston Savings Bank MM #7216	\$101,823.51
Harbor One Savings Account #5073	\$105,385.80
Harbor One Credit Union MM #5040	\$103,405.71
Rockland Trust Regular Checking #9472	
Voluntary Transportation Restricted Funds	\$231,899.32
Rockland Trust Savings #9472	\$177,537.01
Rockland Trust OPEB Acct Balance	\$409,436.33
<i>ROM Rockland Account</i>	\$20,002.43
Federal Reserve Treasury Notes #641500	\$40,000.00
Rockland Trust Payroll Account #3849	\$182,097.62
Rockland Tr OPEB / Bal Funds Reseved Against Liab	\$115,083.82
	\$20,673.12
	\$20,000.00
Reconciled Balance at Month End	
\$1,222,349.63	
JAN 31, 2022 Balance	
\$919,598.25	
FEB Activity	
LOSS	
-\$3,832.90	
FEB 28 , 2022 OPEB Balance	
\$915,765.35	

DEPOSITS IN CURRENT MONTH

MADOT	\$73,570.54	
GREEN COMMUNITIES	\$5,000.00	
VTP	\$125.00	
EDA CARES	\$38,290.37	
EDA STANDARD	\$17,500.00	
REPA	\$11,982.69	
CTG	\$5,784.29	
AAA PASS-THROUGH	\$196,355.57	
INTEREST INCOME	\$87.79	
AAA ADMIN & OMBUD	\$73,962.36	
MISC RECEIPTS	\$772.76	
FRAUD CK CR - Out Feb / in Mar	\$1,000.00	
TOTAL INCOME:		
\$424,431.37		
		\$424,431.37
		\$1,646,781.00
Adj 1) Feb PR Paid Mar	-\$9,156.92	
Adj 2) Mar PR Paid Apr	\$20,056.79	
Adj 3) Misc Acct Adjustments	-\$6.00	
TOTAL INCOME ADJUSTMENTS		\$10,893.87
		\$10,893.87

DISBURSEMENTS CURRENT MONTH

AAA Disbursements	217,188.02	
Misc Adjustments	48.90	
Ser Charge Harbor One	8.00	
ROM Adj Exp (X-fer Rent Funds)	-5,850.00	
OCPC Disb Sub-Total	149,508.67	
TOTAL DISBURSEMENTS:		
\$360,903.59		
		-\$360,903.59
		\$1,296,771.28
		Net Payroll
		-\$103,924.01
		Transferred to Payroll
		\$100,000.00
Cash Available End of Month		\$1,292,847.27

**CURRENT MONTH:
BALANCES: MAR 2022**

Northeaston Savings Bank CD #7191	\$104,441.29
Northeaston Savings Bank MM #7216	\$101,823.51
Harbor One Savings Account #5073	\$105,458.64
Harbor One Credit Union MM #5040	\$103,412.49
Rockland Trust Regular Checking #9472	
Voluntary Transportation Restricted Funds	\$311,769.14
Rockland Trust Savings #9472	\$177,537.01
Rockland Trust OPEB Acct Balance	\$489,306.15
<i>ROM Rockland Account</i>	\$20,002.60
Federal Reserve Treasury Notes #641500	\$45,000.00
Rockland Trust Payroll Account #3849	\$182,097.62
Rockland Tr OPEB / Bal Funds Reseved Against Liab	\$115,083.82
	\$11,221.15
	\$15,000.00
Reconciled Balance at Month End	
\$1,292,847.27	
FEB 28, 2022 Balance	
\$915,765.35	
MAR Activity	
GAIN	
\$12,291.90	
MAR 31, 2022 OPEB Balance	
\$928,057.25	

**STATEMENT OF BUDGET RESOURCES OCPC FY22
REPORTING - MAR 2022**

INCOME FROM PROGRAMS INCLUDED IN THE FY22 BUDGET	FY22 Approved Budget	FY22 Funds Through Aug 2021	Cummulative Balance
Member Assessments	148,414	74,572	73,842
Economic Development Admin			
EDA CARES	200,000	143,612	56,388
EDA Standard Year 2 Apr 2020 - Mar 2021	70,000	52,500	17,500
EDA Standard Year 3 Apr 2021 - Mar 2022			
MA Dept of Business & Technology (New Grant)			0
MA Dept of Energy Resources			
CTG/Community Transit	30,000	5,784	24,216
MA Dept of Transportation (MADOT)			
MADOT Highway Planning #114676	959,201	301,135	658,066
Executive Office of Elder Affairs			
AAA Admin Standard	155,341	104,735	50,606
AAA Admin FFCRA			0
AAA Admin ARA	181,875		181,875
AAA Admin CARES			0
AAA Ombud Standard	116,813	71,514	45,299
AAA Assisted Living Specialist		9,114	-9,114
AAA Ombud ARPA		16,390	-16,390
AAA Ombud CARES			0
Department of Housing and Community Development			0
District Local Technical Assist	202,259	203,705	-1,446
Local Assistance/Contracts			0
Brockton Area Transit Authority (BAT)	28,000	8,834	19,166
Green Communities (2075)	15,000	5,000	10,000
Plymouth Climate Change Brochure			0
REPA Grants (2085)	25,000	11,983	13,017
MVP Bridgewater	18,000		18,000
MVP Hanson			0
MVP Halifax			0
GIS Whitman	1,000		1,000
T4MA		5,000	-5,000
Cohasset Septic Program	2,000	1,800	200
Stoughton Septic Program	2,000		2,000
Hanson Septic Loan Program	2,000	1,200	800
Kingston Septic Loan Program	2,000		2,000
Avon Septic Loan Program	2,000	600	1,400
Utility Allowances	6,831		6,831
Miscellaneous Income (Includes Interest Income)		13,612	-13,612
BUDGETED INCOME SUB-TOTAL	2,167,734	1,031,091	1,136,643

PROGRAMMETIC (PASS-THROUGH) FUNDS	FY22 Budget	Received	Cummulative Balance
Area Agency On Aging (AAA)	500,000	696,356	-196,356
Elder Lunch Program (AAA)	21,952	31,412	-9,460
AAA CARES	500,000	84,579	415,421
AAA ARA	988,594		988,594
Donations for Voluntary Transportation	10,000	265	9,735
TOTAL	2,020,546	812,612	1,207,934

INCOME RECEIVED IN OCPC FY22 FROM FY21 BILLINGS (through 6/2021)	
Septics (Avon/Hanson)	\$2,400.00
MVP Whitman	\$29,000.00
MADOT #112307	\$411,129.92
Utilities (Halifax/Pembroke)	\$5,916.00
SEA - Pilot Program	\$35,610.00
Green Communities	\$5,000.00
REPA	\$1,337.75
TOTAL	\$490,393.67

Cummulative Total Cash Received - FY22	Running Total
Jul-21	\$109,551.18
Aug-21	\$181,331.68
Sep-21	\$352,371.59
Oct-21	\$435,052.04
Nov-21	\$610,986.05
Dec-21	\$788,765.10
Jan-22	\$1,595,644.47
Feb-22	\$1,909,664.98
Mar-22	\$2,334,096.35

Cross Check Balance - Receipts
\$1,031,090.54
\$812,612.14
\$490,393.67
\$2,334,096.35

**AAA / AREA AGENCY ON AGING - FY22
MARCH 2022 REPORT**

AAA FY21 OCTOBER 2020 - SEPTEMBER 2021: Reporting on programs with current balances only

AAA FY22 OCTOBER 2021 - SEPTEMBER 2022: Reporting all activity for AAA FY22

PASS THROUGH AAA FUNDS		
	<u>Billings</u>	<u>Receipts</u>
AAA FY21 Pass-Through Standard	\$304,826	\$0
AAA Pass-Through Standard FY22	\$658,917	\$0
TOTAL AAA PASS-THROUGH:	\$963,742	\$0

ADMIN & OMBUDSMAN FUNDS		
	<u>Billings</u>	<u>Receipts</u>
AAA FY21 OMBUDSMAN Standard	\$129,670	\$117,452
AAA FY21 Adm CARES	\$8,268	\$0
Adm ARPA FY22	\$29,413	\$0
OMB ARPA FY22	\$57,647	\$0
AAA FY21 ADM Standard	\$139,423	\$125,551
ADM Standard FY22	\$61,404	\$0
ASSISTED LIVING SPECIALIST FY21-FY22	\$57,433	\$9,114
TOTAL ADMIN & OMBUD:	\$483,259	\$252,118

TOTAL RECORDED INVOICES	\$1,447,001	
TOTAL RECORDED RECEIPTS		\$252,118
TOTAL CURRENT BALANCE OWED:	\$1,194,883	

VOLUNTEER TRANSPORTATION PROGRAM FUNDS	
Volunteer Transportation Funds Balance End Feb 2022	\$177,537.01
Payments to Volunteers & Misc Adj	\$0.00
Donations for VTP Program	\$125.00
Volunteer Transportation Funds Balance End Mar 2022	\$177,662.01

Old Colony Planning Council
Regional Operation and Management (ROM), Inc.
 July 2021 to June 2022

	6/2021	7/2021	8/2021	9/2021	10/2021	11/2021	12/2021	1/2022	2/2022	3/2022	4/2022	5/2022	6/2022	
<i>End Bal Prior Mo</i>		183,925.46	177,255.50	178,450.91	171,468.70	177,777.17	179,413.61	179,980.46	185,677.69	182,671.17				
INCOME:														Cummulative TOTALS
OCPC RENT		5,850.00	5,850.00	5,850.00	5,850.00	5,850.00	5,850.00	5,850.00	5,850.00	5,850.00				52,650.00
Misc Receipts				6,742.00										6,742.00
MONTHLY TOTAL INCOME		5,850.00	5,850.00	12,592.00	5,850.00	5,850.00	5,850.00	5,850.00	5,850.00	5,850.00	0.00	0.00	0.00	59,392.00
EXPENSES:														TOTALS
Misc				1,925.37		180.00								2,105.37
Comcast		560.56	560.56	560.56	558.59	558.59	558.59	587.39	587.39	587.39				5,119.62
Eversource			40.78	19.80	19.80	172.49	664.87	890.95	1,273.78	788.05				3,870.52
Budge It Drains								285.00						285.00
Mannys Cleaning		390.00	390.00	390.00	390.00	390.00	390.00		780.00	415.00				3,535.00
Rockland Loan		2,075.18	2,075.18	2,075.18	2,075.18	2,075.18	2,075.18		4,150.36	2,075.18				18,676.62
National Grid		613.85	537.87	687.62	346.21	348.02	666.86	828.57	832.23	1,289.10				6,150.33
OCPC Building Maint		625.00	625.00	625.00	625.00	625.00	625.00	625.00	625.00	625.00				5,625.00
Irving's Home Center					18.78			59.00	76.18					153.96
Pierce Regridgeration								520.00	802.36					
Annual Report - MA AG										35.00				
Metro South Chamber							1,834.00							1,834.00
Wright Technology														0.00
Insurance		6,742.00	5,453.00											12,195.00
Adj							0.03							0.03
MONTHLY TOTAL EXPENSES		11006.59	9682.39	6283.53	4033.56	4349.28	6873.53	3813.09	9051.12	5814.72	0.00	0.00	0.00	60,907.81
MONTHLY ADJUSTMENTS (SEE NOTES BELOW)		1513.37	-5027.80	13290.68	-4492.03	-135.72	-1590.38	-3660.32	-194.60	608.83				Total Adj 312.03
SUB TOTAL		12,519.96	4,654.59	19,574.21	-458.47	4,213.56	5,283.15	152.77	8,856.52	6,423.55	0.00	0.00	0.00	
Reconciled Bank Statemnt Bal	183,925.46	177,255.50	178,450.91	171,468.70	177,777.17	179,413.61	179,980.46	185,677.69	182,671.17	182,097.62	0.00	0.00	0.00	

<i>FY-2021 Account Summaries</i>			
<i>Balance 6/30/2021</i>	183,925.46	<i>Beginning Balance:</i>	183,925.46
Income	59,392.00	FY21 Revenue To Date	59,392.00
Expenditures	-60,907.81	FY21 Expenditures To Date	60,907.81
Adjustments	-312.03	Sub-Balance	182,409.65
Current Account Balance	182,097.62	TOTAL Adjustments - See Notes	-312.03
		Actual Reconciled Monthly Bank Balance	182,097.62

NOTES related to Adjustment:

Notes / Jul 21	0.00	Deposits Outstanding
	3,077.78	Prior Months Pmts Rec in JUL
	-1,564.41	Jul Payments Outstanding
	<u><u>1,513.37</u></u>	TOTAL
Notes / Aug21	0.00	Deposits Outstanding
	1,954.41	Prior Months Pmts Rec in AUG
	-6,982.21	Aug Payments Outstanding
	<u><u>-5,027.80</u></u>	TOTAL
Notes / Sep 21	12,592.00	Deposits Outstanding
	6,982.21	Prior Months Pmts Rec in SEP
	-6,283.53	SEP Payments Outstanding
	<u><u>13,290.68</u></u>	TOTAL
Notes / Oct 21	-6,742.00	Prior Months Dep Rec Oct
	6,283.53	Prior Months Pmts Rec in OCT
	-4,033.56	OCT Payments Outstanding
	<u><u>-4,492.03</u></u>	TOTAL
Notes / Nov 21	4,033.56	Prior Months Pmts Rec in Nov
	-4,169.28	NOV Payments Outstanding
	<u><u>-135.72</u></u>	TOTAL
Notes / Dec 21	4,169.25	Prior Months Pmts Rec in Dec
	-5,759.63	DEC Payments Outstanding
	<u><u>-1,590.38</u></u>	TOTAL
Notes / Jan 22	5,092.77	Prior Months Pmts Rec in Jan
	-5,850.00	Deposit Outstanding JAN
	-2,903.09	JAN Payments Outstanding
	<u><u>-3,660.32</u></u>	TOTAL
Notes / Feb 22	3,493.77	Prior Months Pmts Rec in Feb
	-3,688.37	Feb Payments Outstanding
	<u><u>-194.60</u></u>	TOTAL
Notes / Mar 22	3,688.37	Prior Months Pmts Rec in Mar
	-3,079.54	Mar Payments Outstanding
	<u><u>608.83</u></u>	TOTAL

**OLD COLONY PLANNING COUNCIL
PROJECTED OPERATING BUDGET FY22**

July 1, 2021 - June 30, 2022

GENERAL ADMINISTRATIVE EXPENDITURES / OCPC & ROM

Admin Professional Fees: Audit, Legal, etc.	30,791	
Administrative Books, Dues, Subscriptions	11,297	
Advertising	5,149	
Auto Expenses: DIRECT (Van)	4,198	
Building Utilities - ROM		12,737
Building Repairs & Maintenance - ROM		8,672
Building Business Mgmt - ROM		5,000
Equipment Repairs & Maintenance	685	0
Equipment Purchase	10,275	
Equipment Rental / Printer & Postage Machine	5,921	
Equipment Supplies	814	
Fringe Benefits	169,510	
Insurance / Administrative	11,900	5,381
Building Loan Expenses		8,230
Meeting Expenses	3,903	
Miscellaneous Expenses / Additional Funds Available	2,256	
Office Supplies	5,878	
Payroll and Other Service Charges	4,610	
Payroll Taxes	27,086	
Printing	0	
Postage	30	
Rent	70,200	
Salaries	1,305,378	
Travel / Administrative	212	
Direct Travel & Other Direct Exp / Not recovered (Auto Above)	79,402	
Telephone & Internet	19,277	
OPEB Benefits	30,000	
SUB-TOTALS	1,798,771	40,020

FY21 Final Budget	
CLOSED JUN 30, 2021	
FINAL OCPC FY21	FINAL ROM FY21
30,791	
11,297	
5,149	
4,198	
	12,737
	8,672
	5,000
685	0
10,275	
5,921	
814	
169,510	
11,900	5,381
	8,230
3,903	
2,256	
5,878	
4,610	
27,086	
0	
30	
70,200	
1,305,378	
212	
79,402	
19,277	
30,000	
1,798,771	40,020
1,838,791	

FY22 BUDGET	
Approved JUN 2021	
Projected	Projected
OCPC FY22	ROM FY22
35,000	
14,500	
7,000	
4,500	
	13,500
	17,260
	7,500
1,000	2,500
36,000	
9,702	
1,000	
195,000	
17,000	6,000
	9,500
10,000	
96,972	
15,000	
6,800	
32,000	
2,500	
1,000	
70,200	
1,475,000	
2,500	
75,000	
18,000	
56,000	
2,181,674	56,260
2,237,934	

FY22 CHANGES	
Highlight Changes	
Projected	Projected
OCPC FY22	ROM FY22
35,000	
14,500	
3,000	
3,500	
	19,000
	17,260
	7,500
1,000	2,500
36,000	
9,702	
800	
194,900	
17,000	6,000
	12,000
10,000	
198,072	
16,000	
4,500	
32,000	
8,000	
5,000	
70,200	
1,475,000	
2,500	
75,000	
32,000	
60,000	
2,303,674	64,260
2,367,934	

SPENT Balance	
31-Mar-22	Remains
Actual	Actual
OCPC & ROM	
FY22	FY22
27,550	7,450
10,260	4,240
2,618	382
874	2,626
16,974	2,026
4,802	12,458
5,625	1,875
1,220	2,280
9,759	26,241
5,218	4,484
-89	889
129,952	64,948
16,182	6,818
8,145	3,855
7,395	2,605
3,004	195,068
15,224	776
3,384	1,116
18,905	13,095
4,256	3,744
1,781	3,219
52,650	17,550
1,057,010	417,990
1,401	1,099
44,488	30,512
16,860	15,140
45,000	15,000
1,510,449	857,485
2,367,934	

Actual % Spent To Date
78.71%
70.76%
87.27%
24.97%
89.34%
27.82%
75.00%
34.86%
27.11%
53.78%
11.13%
66.68%
70.36%
67.88%
73.95%
1.52%
95.15%
75.20%
59.08%
53.20%
35.62%
75.00%
71.66%
56.04%
59.32%
52.69%
75.00%
63.79%
Total % Spent
<i>Ideal Spent in Month 9 of 12 = 74.97%</i>

TOTAL ADMIN EXPENSES



	FY21 Final Budget 6/30/2021		FY22 PROPOSED		FY22 CHANGES	
	OCPC FY21	ROM FY21	Original Proposed Budget		Proposed Budget With Edits	
			OCPC FY22	ROM FY22	OCPC FY22	ROM FY22
INCOME/REVENUE						
OCPC MEMBER COMMUNITY ASSESSMENTS	144,791		148,414		148,414	
ECONOMIC DEVELOPMENT ADMINISTRATION						
Economic Development District	70,000		70,000		70,000	
EDA CARES	200,000		200,000		200,000	
MASSACHUSETTS DEPARTMENT OF TRANSPORTATION						
Highway Planning	982,425		959,201		959,201	
Transit Planning	0					
EXECUTIVE OFFICE OF ELDER AFFAIRS						
AAA Standard Administration	148,723		155,341		155,341	
AAA CARES Administration	88,424		0		0	
AAA FFCRA Administration	10,379		0		0	
AAA ARA (Approx Start Sep 2021)			181,875		181,875	
AAA Ombudsman Standard Program	18,305		116,813		116,813	
AAA Ombudsman CARES Program	8,523		0		0	
AAA Assisted Living Specialist					50,000	
DEPARTMENT OF HOUSING AND COMMUNITY DEVELOPMENT						
District Local Technical Assistance	202,000		202,259		202,259	
Brick					50,000	
MASSACHUSETTS DEPARTMENT OF ENERGY RESOURCES (MEPA)						
CTG / Community Transit	30,000		30,000		30,000	
LOCAL ASSISTANCE AND/OR THER CONTRACTS						
BAT / Brockton Area Transit Authority	28,000		28,000		28,000	
REPA	12,000		25,000		25,000	
Plymouth Climate Change	2,000		0		0	
Green Communities			15,000		15,000	
MVP Plymouth	0					
MVP Halifax						
MVP Bridgewater			18,000		18,000	
MVP Whitman						
MVP Hanson	10,000					
SEA Pilot Program						
Easton HPP					30,000	
Avon Septic Program	2,000		2,000		2,000	
Cohasset Septic Program	1,000		2,000		2,000	
Hanson Septic Program	2,000		2,000		2,000	
Kingston Septic Program	1,000		2,000		2,000	
Stoughton Septic Program	2,000		2,000		2,000	
Area Utilities	6,700		6,831		6,831	
GIS Whitman	1,000		1,000		1,000	
MISCELLANEOUS INCOME	6,000					
ROM Income / Rent offset OCPC Expense		70,200		70,200		70,200
SUB-TOTAL INCOME	1,977,270	70,200	2,167,734	70,200	2,297,734	70,200
	2,047,470		2,237,934		2,367,934	

INC less EXP = OCPC OPERATING SURPLUS / (DEFICIT)	
Surplus (Miscellaneous) at MAR 31, 2022 =	\$195,068

PROGRAMMETIC (PASS-THROUGH) FUNDS	FY21 EOY - 6/30/2021	Pass-thru Posted In FY21	FY22 PROPOSED	FY22 CHANGES
Area Agency on Aging (AAA)	1,296,014	476,148	500,000	1,369,933
AAA Cares	795,817	687,227	500,000	500,000
AAA FFCRA	183,652	49,921	0	0
AAA Elder Lunch (AAA)	21,952		21,952	21,952
AAA ARA			988,594	988,594
Donations for Voluntary Transportation	10,000	54	10,000	10,000
<i>SUB-TOTAL PASS-THROUGH FUNDS</i>	2,307,435	1,213,350	2,020,546	2,890,479

Council Staff Report April 2022

Administration

As we are heading into the end of the fiscal year, we are working with Managers to review budgets, capital needs, and other supply needs. Brenda Robinson is the lead and is ahead of schedule for the Finance, Personnel Committee and Council review in May and the Final Budget in June.

The Annual Meeting will take place at the June 29th regularly scheduled meeting. OCPC (Old Colony Planning Council) ROM (Regional Operation and Management) will also hold its annual meeting at that time. An Annual Report is being worked on and will be provided at the June meeting.

Personnel Committee Reporting out. Staff had some recommendations that were reviewed and acted upon.

A bylaw Committee is being set up for May to make recommendations.

Area Agency on Aging

David Klein, Lila Burgess, Jane Selig, Gabrielle Sylvain-Jean, Sean Noel & Patrick Hamilton

LTC (Long Term Care) Ombudsman Program News: National Volunteer Week, Anniversaries, and Goodbyes: The week of April 16-23 the Ombudsman program celebrated National Volunteer Week, by recognizing our own Ombudsman Program volunteers in a recently submitted article for the OCPC Newsletter. When you get a chance, please read the article as the Long –term Care (LTC) Ombudsman Program could not be its best without the volunteers who help carry-out the mission of advocating for long-term care residents in the Old Colony region.

Some program facts from federal fiscal year 2020:

- 5,152 volunteers were trained and designated to investigate and resolve complaints in long-term care homes.
- These volunteers contributed 250,514 hours (about 28 and a half years) of service to Ombudsman programs across the country. Due to the volunteers' dedicated service, resident access to the Ombudsman program has been enhanced significantly, and;
- Thousands of residents received information about their rights and have had assistance and support in resolving their concerns.

The Administration for Community Living (ACL) celebrated its 10th birthday this month. ACL was established on April 18, 2012, bringing together federal advocacy for older adults and people with disabilities, along with most federal human services programs for older adults and people with intellectual and developmental disabilities. The OCPC Ombudsman Program is one of the programs under the ACL umbrella.

ALR (Assisted Living Residence) Ombudsman Program News: Until last year's expansion, for two decades the sole voice for the 'Ombudsman Program' for residents of Assisted Living Residences (ALR) in Massachusetts was Donna Bucca. Donna recently announced that her retirement will be coming in July, but not before staying and coordinating the initial stages of Massachusetts' ALR expansion. Thank you, Donna, for your dedicated years of service-we wish you a happy and healthy retirement.

Other AAA (Area Agency on Aging) News: The AAA Advisory Committee met on April 11th at the Bridgewater Senior Center. The meeting was held in hybrid fashion with about half the participants live and the rest attending through Zoom. The main discussion centered around the recent 'OCPC Council approved' statement of inclusion and coverage for our Mobility programs such as the Volunteer Transportation Program (VTP) and the developing partnership and possible sharing of our MassDOT Community Transportation Grant Program (CTGP) funding with the *Taking People Places, Inc.* organization, which provides rides through their member organizations, using the Transportation Network (TNC) Company, Lyft for older adults and those with a range of disabilities, some physical, but many developmental in nature. Inclusion of the availability of transportation funding for rides that assist with socialization and prevention of loneliness was also discussed.

In the next few months, the AAA will be entering a phase of soliciting reapplications from existing grantees for FFY23 Title III funding as well as proposals more broadly for use of OCPC's Older Americans Act, ARPA-related and some Vaccine Access grant funding.

Another Goodbye: Lastly, and we may have mentioned this before, but Patrick Hamilton, our former Administrator of the AAA here at OCPC, has let us know that he would prefer to no longer be on the OCPC payroll, even on a contract basis, though he left open the option for us to still call to pick his brain when and if needed. We are so grateful to Patrick for all his years of leadership and friendship!

Community Planning & Economic Development Department

Laurie Muncy, Joanne Zygmunt, Dottie Fulginiti, and Elijah Romulus

COMMUNITY PLANNING

The Town of Easton received District Local Technical Assistance (DLTA) from OCPC's Community Planning and Economic Development (CPED) Department in 2021 to undertake a year-long age-friendly planning process following guidance from the World Health Organization and AARP. The ***Easton Age-friendly Action Plan*** was adopted by the Easton Select Board in January 2022. The Committee, in collaboration with the Town of Easton, Boston University, and Old Colony Planning Council, carried out a community needs assessment between 2019 and 2021 that included interviews and surveys with residents. Based on assessment results, three domains were selected as a starting point for the community to focus on: Housing, Transportation, and Communication and Information. The full report is available for your review at http://www.ocpcrpa.org/docs/projects/DLTA/2021_Easton_Age-Friendly_Action_Plan.pdf.

The CPED Department will continue this important work in the Town of Duxbury as they begin to work on the ***Duxbury Age and Dementia Friendly Action Plan***. OCPC staff met with the town to begin planning the project and are currently developing a project plan. The project is likely to kick off in late May.

Staff continues to work on the ***Open Space and Recreation Plans*** for the Towns of West Bridgewater and Pembroke to protect natural resources, conserve open space, develop community gathering spaces, and provide a variety of well-maintained recreational opportunities. Both communities are currently working with staff to develop parcel inventories. Staff will then create the required maps, conduct public forums for community input, and submit final plans to the state for approval and adoption by the Towns.

The ***Bridgewater Hazard Mitigation Plan*** has been completed and the final plan submitted to MEMA (Massachusetts Emergency Management Agency) for approval. The MEMA review is currently underway and upon completion, will forward the Plan to FEMA (Federal Emergency Management Agency) for review. Once the FEMA review is complete, they will issue an Approval Pending Adoption (APA) status for the Town of Bridgewater to formally adopt the Plan. The full Plan is available for your review at:

<https://www.dropbox.com/s/x4y37eotzp6v6gm6/Bridgewater%20HMP.pdf?dl=0>

Staff continues to work with the ***Town of Easton*** on a ***Housing Production Plan Update***. Staff assisted the Town with a comprehensive needs assessment to provide a framework and strategy to increase the production of affordable housing in Easton. A summary of key demographic, housing stock, and housing affordability data with an overview of goals and strategies to increase affordable housing opportunities. This Plan should be completed in May.

The Department will also work with the ***Town of Stoughton*** to update their ***Housing Production Plan***. This plan was originally drafted in 2019 but will need updated demographic information and public outreach to meet the requirements of the program. Staff will work with the Town to ensure that the Plan is updated, public listening sessions are completed, and a final draft presented to the state for approval and adoption by the Town.

The CPED Department was recently notified that the multi-jurisdictional ***BRIC (Building Resilient Infrastructure and Communities) Grant***. The total project cost is estimated to be \$100,000 of which \$50,000 will be reimbursed by FEMA and \$30,000 will be matched by DLTA funding. The remaining portion will consist of an in-kind match through the local Hazard Mitigation Planning Committee activities. The project requires each town to convene a local Hazard Mitigation Planning Committee that will include a cross-section of the community to serve as liaisons to CPED and assist by providing access to data, facilitating community input, reviewing draft products, and assist with community outreach. This is an exciting opportunity for the ***Towns of Abington, Easton, Stoughton, and East Bridgewater to update their Hazard Mitigation Plans***.

Senior Economic Development and Environment Planner Joanne Zygmunt recently moderated an inland flooding forum hosted by the Plymouth Area League of Women Voters.

ECONOMIC DEVELOPMENT & RECOVERY

Staff are currently planning a ***May webinar*** to feature Tricia White, who will speak about the marketing support businesses need and how municipalities may support them. This webinar is part of the CEDS Webinar Series and, as such, the topic was selected by the CEDS Committee.

The next ***CEDS Committee*** meeting will be held in June 2022.

Staff submitted two grant applications to the Economic Development Administration (EDA). The first grant was to continue work as the ***Old Colony Economic Development District***. This includes development and implementation of the regional Comprehensive Economic Development Strategy (CEDS), facilitation of the CEDS Committee, and support for municipalities and organizations seeking EDA investment. The second grant for Economic Adjustment Assistance was to continue the work of the Economic Recovery Planner for another two years. Projects would include an ***Old Colony Partnership for the Arts, Culture, and Tourism*** (including development a regional tourism strategy) as well as an ***Economic Development Data Dashboard and Municipal Self-Assessment Tool*** (to support municipalities and organizations in their economic development planning). Thank you to our partners for their remarkable letters of support.

Staff are currently working on **progress reports** for existing EDA grants, and an **annual report** was recently submitted that will be shared once EDA approval is received.

Staff are currently supporting the **City of Brockton** in the identification of projects suitable for EDA investment.

Economic Recovery Planner Dottie Fulginiti was invited to serve on the **Northeastern University BioConnects New England Advisory Board**. This is to continue the work of Life Sciences initiative proposed under the Economic Development Administration Build Back Better challenge grant. The first meeting will be in May or June. By early summer, they are hoping to learn whether they will receive EDA grant funding. OCPC is the only regional planning agency to serve on this board and the only member in our region. They meet four times a year for one hour.

Ms. Fulginiti was also invited to serve on the **Neighborworks Brockton Housing Steering Committee**. They meet four times a year for one hour.

Senior Economic Development and Environment Planner Joanne Zygmunt continues to serve on **Plymouth's aquifer resiliency project steering committee** as well as **Easton's canoe river aquifer resiliency project steering committee**.

Ms. Zygmunt is currently facilitating the **City of Brockton's** introduction to Woodwell (formerly known as Woods Hole) who may be able to help the city address flooding and stormwater issues in areas targeted for economic development.

Staff attended the **Nuclear Communities** conference via webinar and the South Shore Chamber of Commerce three-day **South of Boston Summit**.

A photo opportunity was held with the **City of Brockton** to promote the business directory app. Mary Waldron and Dottie Fulginiti represented OCPC on BAT advertising for their buses depicting the Brockton, City of Champions business directory app.

The team continued participation with Senator Moran, Rep Muratore, Rep LaNatra, and Rep Xiarhos in a **regional housing roundtable** discussion to share information about housing challenges, resources, and potential housing solutions for the region.

Transportation

Shawn Bailey, Matthew Cady, Evan Sears, Ray Guarino, Charles Kilmer, Guoqiang Li, William McNulty, Kyle Mowatt, Andrew Vidal

The Transportation Department engaged in multiple activities during April 2022. Activity highlights include:

- Staff attended and participated in the **Transportation Program Managers Group Meeting** on April 5, 2022. Charles Kilmer serves as Vice-Chairman of this statewide group consisting of Regional Planning Agencies, MassDOT, Federal Highway Administration, and Federal Transit Administration.
- Staff attended and participated in the **Every Day Counts (EDC) Committee on Virtual Public Involvement (VPI)** on April 7, 2022. The Committee discusses techniques and opportunities for virtual public engagement. From suggestions at this meeting, OCPC developed an online public comment form to use for the Draft Transportation Improvement Programs.
- Staff attended and participated in the **Socioeconomic Projections Committee (SEPC) Meeting** on April 13, 2022. The SEPC is developing socioeconomic forecasts (population, households, and labor force) to the year 2050. These projections will be informative to the Long-Range Transportation Plan (LRTP).
- Staff attended and participated in a Bridgewater State University (BSU) GeoGraphics Lab Visit for a Drone Mission and training.
- Staff continued efforts to develop data to track changes in vehicle volume trends utilizing MassDOT Permanent Traffic Count Locations and OCPC conducted traffic counts.
- Staff attended and participated in the **MassDOT/ MPO Performance Measures Subcommittee Meeting** on April 21, 2022. The MPO is required to establish targets in key national performance areas (safety, Infrastructure Condition, system performance, and transit stat of good repair). The Subcommittee discusses methodologies and opportunities for MPOs (metropolitan planning organizations) and MassDOT with regard to performance measure data, metrics, and targets.
- Staff attended and participated in the **CMAQ Consultation Committee Meeting and Air Quality Conformity Consultation Committee Meeting** on April 27, 2022. The CMAQ Consultation Committee meets to determine projects eligible for CMAQ funding. The members of the Committee represent MassDOT, DEP (Department of Environmental Protection), U.S. DOT, U.S. EPA (Environmental Protection Agency), and the MPOs.
- Staff coordinated and participated in the **Old Colony Joint Transportation Committee (JTC) Meeting** on April 7, 2022. At the meeting, Shawn Bailey provided a presentation on Post Pandemic Regional Traffic Volumes and Trends.
- Staff coordinated and participated in the **Old Colony Metropolitan Planning Organization (MPO) Meeting** on April 19, 2022. At the meeting, the MPO reviewed and released the Draft FFY 2022-2026 Transportation Improvement Program (TIP) Amendment 1 and the Draft FFY 2023-2027 Transportation Improvement Program (TIP) to 21-day public review and comment periods. In May, the MPO will hear public comments and consider endorsement of these programs.
- Staff continued preparation of the **Road Safety Audits (RSA) at Multiple Locations Project**. The Road Safety Audits are being conducted at high crash locations. Selection of the locations began with the Old Colony Safety Management System that ranks intersections based on the Equivalent to Property Damage Only (EPDO) value. The EPDO is a weighted value which accounts for crash severity. During February, staff continued developing the list of locations for Road Safety Audits and collection location information and crash data. Staff also conducted Roads Safety Audits in Abington and Duxbury. To date, the locations identified for the FFY 2022 Road Safety Audits (RSA) at Multiple Locations Project include:
 - Abington - Central Street Corridor (RSA held February 23, 2022, and Draft RSA under development)
 - Abington - Groveland Street at Linwood Street (RSA held February 23, 2022, and Draft RSA under development)
 - Brockton - Warren Avenue at Market Street (Coordinating with Brockton on date for RSA in May 2022)
 - Brockton - West Chestnut Street at Southworth Street (Coordinating with Brockton on date for RSA in May 2022)

- Brockton - Route 27 (Reynold's Memorial Highway) (Request for RSA under consideration)
 - Duxbury - Congress Street at Franklin Street (RSA held February 18, 2022, and Draft RSA distributed on April 14, 2022, for review and comment)
 - Duxbury - Route 53 at Franklin Street / High Street (RSA held February 18, 2022, and Draft RSA distributed on April 14, 2022, for review and comment)
 - Duxbury - Tremont Street (Route 3A) at Church Street (Route 139) (RSA held February 18, 2022, and Draft RSA distributed on April 14, 2022, for review and comment)
 - Easton - Massapoag Avenue at Mill Street (Completed - RSA held November 16, 2022)
 - Pembroke - Route 139 (Coordinating with MassDOT on geographic scope; Route 139 from North River Plaza to Marshfield Town Line)
- Staff monitored **MEPA (Massachusetts Environmental Police Act) Environmental Monitor** and provided project summaries.
 - Staff began conducting traffic signal operations analyses using the Synchro-Sim Traffic software for three intersections along Belmont Street in **Brockton** (Belmont Street at Linwood/ Lorraine Streets; Belmont Street at VA Hospital; and Belmont Street at Manley Street).
 - Staff conducted parking utilization counts at six (6) MassDOT Park & Ride Facilities as part of the Spring Congestion Management Process (CMP).
 - Staff conducted parking utilization counts at fourteen (14) MBTA (Massachusetts Bay Transportation Authority) Commuter Parking Facilities and the BAT Intermodal Centre as part of the Spring Congestion Management Process (CMP).
 - Staff conducted the annual test of its Automated Traffic Recorder (ATR) machines. This test is to ensure that all of the traffic counting machines are running properly for the upcoming counting season.
 - Staff continued preparation of the **High Priority Corridor Study Screening Assessment**. The objective of this task is to conduct an assessment of State Numbered Routes (arterial segments) that will identify, rank, and inform the selection process for locations to conduct corridor studies that will then inform the Long-Range Transportation Plan Needs Assessment.
 - Staff continued preparation of the **Freight Planning and Action Plan**. The objectives of this study are to build a foundation to formally integrate freight into the overall planning process, to identify and plan for long-term freight needs, to develop specific long-range transportation projects, identify potential funding sources for those projects, and evaluate policy-based solutions to accommodate future levels of freight on our regional transportation system while protecting the mobility and safety of the traveling public. This plan will be a follow up to the 2014 Regional Freight & Goods Movement Study, the 2014 NHS Intermodal Connectors Study, and will build upon the findings and recommendations from MassDOT's 2018 Freight Study. As part of research for the project, staff attended the April 26, 2022, Talking Freight Webinar (Defining Major Equity Considerations in Goods Movement).
 - Staff developed the Draft FFY 2022-2026 Transportation Improvement Program (TIP) Amendment 1. As a result of the 2022 Federal Appropriations Act releasing the increased FFY 2022 Bipartisan Infrastructure Law (BIL) apportionments, there is an approximate \$3.2 million dollar increase in available regional targets funds in FFY 2022 of the Old Colony TIP. As such, TIP Amendment 1 includes seven (7) projects for Brockton Area Transit where the available Federal Highway Administration (FHWA) Regional Target Funds are Flexed to the Federal Transit Administration (FTA).
 - Staff developed the Draft FFY 2023-2027 Transportation Improvement Program (TIP). The Draft FFY 2023-2027 TIP provides the following funding:

- \$68.3 Million - 11 Road Projects and 3 Bridge Projects. Since the release of the Draft TIP to a public review and comment period, MassDOT has added two bridge projects in Duxbury (Route 3 (Pilgrim Highway) NB/SB Bridge Replacement Over Franklin Street - FFY 2023 (\$25,643,895), and Powder Point Avenue Bridge Replacement Over Duxbury Bay - FFY 2027 (\$47,428,063) and \$109,829,647 over FFYs 2028 through 2030). These two additional bridge projects will be added to the final version of the TIP.
- \$26.0 Million - Brockton Area Transit Authority (BAT) capital assistance. This Includes replacement of 17 fixed route buses

Geographic Information Systems

Andrew Vidal

- *Mapped regional traffic count locations for the Traffic Volumes Report*
- *Mapped crashes involving trucks from 2018-2021*
- *Revised the Traffic during COVID-19 web page using new graphs*
- *Developed a listing of bike shops and bicycle trails for Bike Week*
- *Created a georeferenced mosaic of drone imagery for Billington Street, Plymouth*
- *Developed UPWP (Unified Planning Work Program) Task 2400 – Geographic Information Systems for FFY 2023*

Community Septic Management Program

Shawn Bailey

- Funds Issued – \$22,482
 - Kingston – \$1,500
 - Stoughton – \$20,982
- Town of Avon
 - Two open projects – both near completion
 - One additional homeowner has received application.
 - Town utilizing Town Funds to continue participation in the Program.
- Town of Cohasset
 - No open projects.
 - Town has \$100,000 left in current MCWT loan, in process of acquiring said funds.
- Town of Hanson
 - One open project – in engineering process.
 - Four additional homeowners have received applications, awaiting to hear back from them to get the loan process started/remove their names from the waiting list.
 - Town has drawn down all funds from MCWT, will have to use Town funds or borrow another loan from the MCWT.
- Town of Kingston
 - Three open projects – two near completion (new septic system installed, awaiting loaming and seeding and confirmation of passed inspections), the other in engineering phase.
 - Two additional homeowners have received applications, awaiting to hear back from them to get the loan process started/remove their names from the waiting list.
 - Town has drawn down all funds from MCWT, will have to use Town funds or borrow another loan from the MCWT.

- Town of Stoughton
 - Two open projects – one in installation phase, waiting to receive application from the other.
 - Four additional homeowners have received applications; three homeowners removed from list.

OLD COLONY METROPOLITAN PLANNING ORGANIZATION (MPO)

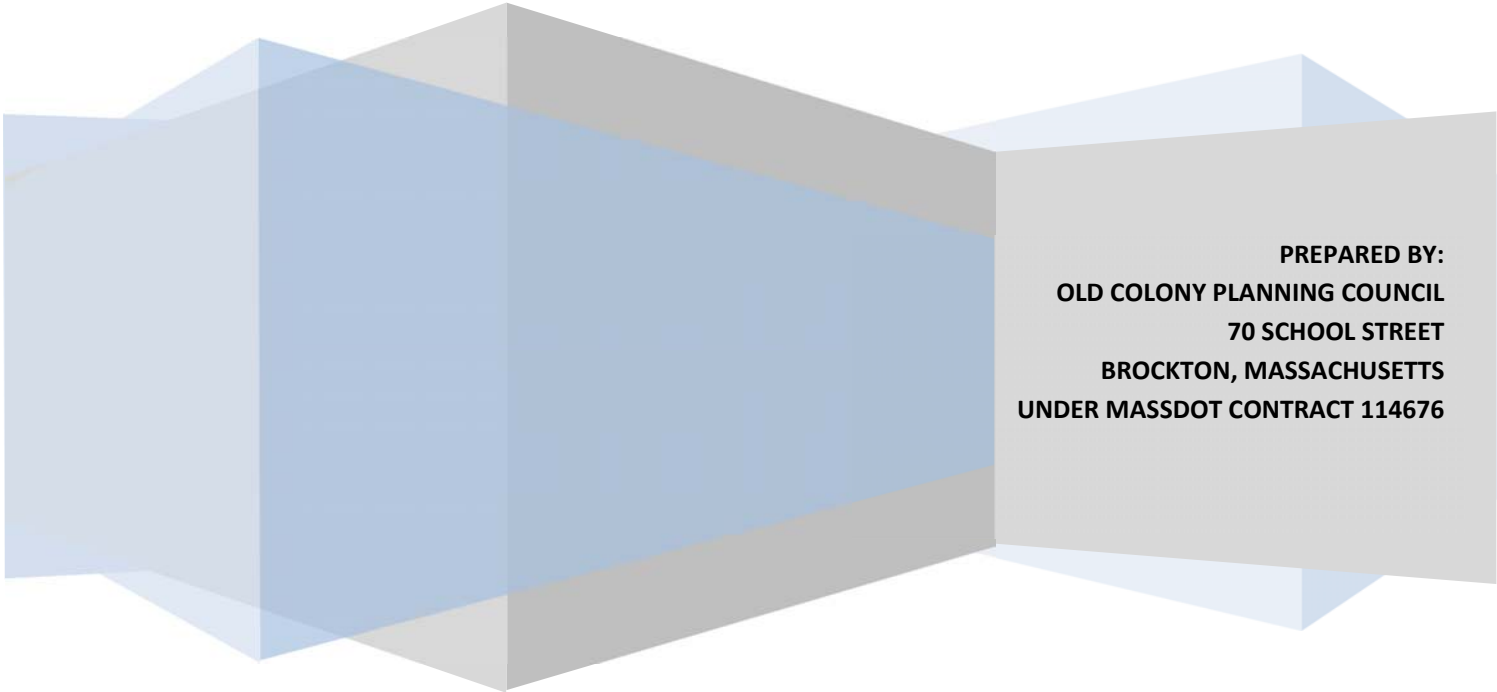
FFY 2022-2026 OLD COLONY TRANSPORTATION IMPROVEMENT PROGRAM (TIP) AMENDMENT 1

RELEASED BY THE OLD COLONY MPO ON APRIL 19, 2022

TO A 21-DAY PUBLIC REVIEW AND COMMENT PERIOD

PREPARED IN COOPERATION WITH:

- **BROCKTON AREA TRANSIT AUTHORITY (BAT)**
- **FEDERAL HIGHWAY ADMINISTRATION (FHWA)**
- **FEDERAL TRANSIT ADMINISTRATION (FTA)**
- **MASSACHUSETTS DEPARTMENT OF TRANSPORTATION (MASSDOT)**
- **OLD COLONY PLANNING COUNCIL (OCPC)**



**PREPARED BY:
OLD COLONY PLANNING COUNCIL
70 SCHOOL STREET
BROCKTON, MASSACHUSETTS
UNDER MASSDOT CONTRACT 114676**

**FFY 2022-2026 OLD COLONY TRANSPORTATION IMPROVEMENT PROGRAM (TIP)
AMENDMENT 1**

The Old Colony Transportation Improvement Program (TIP) is a program of capital improvements and operating assistance for the transportation system in the Old Colony Region. The Old Colony TIP lists projects (highway, bridge, and transit) and operational assistance that receive federal funds and may list some projects that do not receive federal funds.

As a result of the 2022 Federal Appropriations Act releasing the increased FFY 2022 Bipartisan Infrastructure Law (BIL) apportionments, there is an approximate \$3.2 million dollar increase in available regional targets funds in FFY 2022 of the Old Colony TIP.

Amendment 1 includes the following seven (7) changes:

FFY 2022

1. BROCKTON AREA TRANSIT (BAT) - BAT FLEX TO FTA TO BUY REPLACEMENT 40-FT BUS - (3)

- AMENDMENT: ADD PROJECT: BAT FLEX TO FTA TO BUY REPLACEMENT 40-FT BUS - (3). (Converting FTA 5307 (\$443,750) and FTA 5339 (\$395,000) and Transportation Development Credits (TDC) (\$98,750) to Regional Target Dollars in FFY 22; Additional 'Other Federal' funds reflected on Transit TIP); FTA Line Item is 111201

2. BROCKTON AREA TRANSIT (BAT) - BAT FLEX TO FTA FOR OPERATING ASSISTANCE

- AMENDMENT: ADD PROJECT: BAT FLEX TO FTA FOR OPERATING ASSISTANCE. (Converting FTA 5307 (\$1,544,359) to Regional Target Dollars in FFY 22; Federal 5307 funds reflected on Transit TIP (\$1,055,641); Federal Total is \$2,600,000); FTA Line Item is 300901

3. BROCKTON AREA TRANSIT (BAT) - BAT FLEX TO FTA TO BUY BAT - TERMINAL, INTERMODAL CENTRE - PAVEMENT MANAGEMENT

- AMENDMENT: ADD PROJECT: BAT FLEX TO FTA TO BUY BAT - TERMINAL, INTERMODAL CENTRE - PAVEMENT MANAGEMENT. (Converting FTA 5307 (\$250,000) to Regional Target Dollars in FFY 22; FTA Line Item is 113403)

4. BROCKTON AREA TRANSIT (BAT) - BAT FLEX TO FTA TO BUY ASSOCIATED CAPITAL MAINTENANCE ITEMS

- AMENDMENT: ADD PROJECT: BAT FLEX TO FTA TO BUY ASSOC CAP MAINT ITEMS. (Converting FTA 5307 (\$100,000) to Regional Target Dollars in FFY 22; FTA Line Item is 111240)

5. BROCKTON AREA TRANSIT (BAT) - BAT FLEX TO FTA FOR BAT ACQUIRE - MISCELLANEOUS SUPPORT EQUIPMENT

- AMENDMENT: ADD PROJECT: BAT FLEX TO FTA FOR BAT ACQUIRE - MISC SUPPORT EQUIPMENT. (Converting FTA 5307 (\$100,000) to Regional Target Dollars in FFY 22; FTA Line Item is 114220)

6. BROCKTON AREA TRANSIT (BAT) - BAT FLEX TO FTA TO ACQUIRE REPLACEMENT SUPPORT VEHICLE - (1)

- AMENDMENT: ADD PROJECT: BAT FLEX TO FTA TO ACQUIRE REPLACEMENT SUPPORT VEHICLE - (1). (Converting FTA 5307 (\$45,000) to Regional Target Dollars in FFY 22; FTA Line Item is 114211)

7. BROCKTON AREA TRANSIT (BAT) - BAT FLEX TO FTA TO ACQUIRE SHOP EQUIPMENT LIFTS AND EQUIPMENT

- AMENDMENT: ADD PROJECT: BAT FLEX TO FTA TO ACQUIRE SHOP EQUIPMENT LIFTS AND EQUIPMENT. (Converting FTA 5307 (\$400,000) to Regional Target Dollars in FFY 22; FTA Line Item is 114206)



FFY 2022-2026 Old Colony TIP Amendment 1

STIP: 2022 - 2026 (A) Revision 4+

Year	MassDOT Project ID	MPO	Municipality	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Other Information
Federal Fiscal Year 2022										
Section 1A / Regionally Prioritized Projects							\$13,439,104	\$10,751,283	\$2,687,821	
2022	600380	Old Colony	Pembroke	PEMBROKE- REHABILITATION OF ROUTE 36 (CENTER STREET) FROM ROUTE 27 TO ROUTE 14	5	CMAQ	\$1,139,886	\$911,909	\$227,977	a) Construction; b) Total Project Cost = \$10,160,995 w/ \$8,676,301 of STBG funding, \$1,139,886 of CMAQ funding, \$344,808 of TAP funding; d) MPO score 34.11
2022	600380	Old Colony	Pembroke	PEMBROKE- REHABILITATION OF ROUTE 36 (CENTER STREET) FROM ROUTE 27 TO ROUTE 14	5	STBG	\$8,676,301	\$6,941,041	\$1,735,260	a) Construction; b) Total Project Cost = \$10,160,995 w/ \$8,676,301 of STBG funding, \$1,139,886 of CMAQ funding, \$344,808 of TAP funding; d) MPO score 34.11
2022	600380	Old Colony	Pembroke	PEMBROKE- REHABILITATION OF ROUTE 36 (CENTER STREET) FROM ROUTE 27 TO ROUTE 14	5	TAP	\$344,808	\$275,846	\$68,962	a) Construction; b) Total Project Cost = \$10,160,995 w/ \$8,676,301 of STBG funding, \$1,139,886 of CMAQ funding, \$344,808 of TAP funding; d) MPO score 34.11
2022	S12707	Old Colony		BAT FLEX TO FTA TO BUY REPLACEMENT 40-FT BUS - (3)		STBG	\$838,750	\$671,000	\$167,750	Converting FTA 5307 (\$443,750) and FTA 5339 (\$395,000) and Transportation Development Credits (TDC) (\$98,750) to Regional Target Dollars in FFY 22; additional 'Other Federal' funds reflected on Transit TIP; FTA Line Item is 111201
2022	S12717	Old Colony		BAT FLEX TO FTA FOR OPERATING ASSISTANCE		STBG	\$1,544,359	\$1,235,487	\$308,872	Converting FTA 5307 (\$1,544,359) to Regional Target Dollars in FFY 22; Federal 5307 funds reflected on Transit TIP (\$1,055,641); Federal Total is \$2,600,000; FTA Line Item is 300901
2022	S12719	Old Colony		BAT FLEX TO FTA TO BUY BAT - TERMINAL, INTERMODAL CENTRE - PAVEMENT MANAGEMENT		STBG	\$250,000	\$200,000	\$50,000	Converting FTA 5307 (\$250,000) to Regional Target Dollars in FFY 22; FTA Line Item is 113403
2022	S12720	Old Colony		BAT FLEX TO FTA TO BUY ASSOC CAP MAINT ITEMS		STBG	\$100,000	\$80,000	\$20,000	Converting FTA 5307 (\$100,000) to Regional Target Dollars in FFY 22; FTA Line Item is 111240
2022	S12721	Old Colony		BAT FLEX TO FTA FOR BAT ACQUIRE - MISC SUPPORT EQUIPMENT		STBG	\$100,000	\$80,000	\$20,000	Converting FTA 5307 (\$100,000) to Regional Target Dollars in FFY 22; FTA Line Item is 114220
2022	S12722	Old Colony		BAT FLEXT TO FTA FOR BAT - ACQUIRE REPLACEMENT SUPPORT VEHICLE - (1)		STBG	\$45,000	\$36,000	\$9,000	Converting FTA 5307 (\$45,000) to Regional Target Dollars in FFY 22; FTA Line Item is 114211
2022	S12723	Old Colony		BAT FLEX TO FTA FOR BAT - ACQUIRE SHOP EQUIPMENT LIFTS AND EQUIPMENT		STBG	\$400,000	\$320,000	\$80,000	Converting FTA 5307 (\$400,000) to Regional Target Dollars in FFY 22; FTA Line Item is 114206
							CMAQ Programmed	\$1,139,886	\$911,909	\$227,977
							STBG Programmed	\$11,954,410	\$9,563,528	\$2,390,882
							TAP Programmed	\$344,808	\$275,846	\$68,962
Total Programmed for Old Colony Region Projects*							\$13,439,104	\$10,751,283	\$2,687,821	
Program Target for Old Colony Region Projects							\$13,439,104	\$10,751,283	\$2,687,821	
Target Funds Available for Old Colony Region Projects							\$0	\$0	\$0	
Section 2A / State Prioritized Reliability Projects							\$7,339,593	\$5,871,674	\$1,467,919	
Non-Interstate Pavement	608496	Old Colony	Multiple	AVON- STOUGHTON- RESURFACING AND RELATED WORK ON ROUTE 24	5	NHPP	\$7,339,593	\$5,871,674	\$1,467,919	
Old Colony Region Total Program Summary							\$20,778,697	\$16,622,958	\$4,155,739	

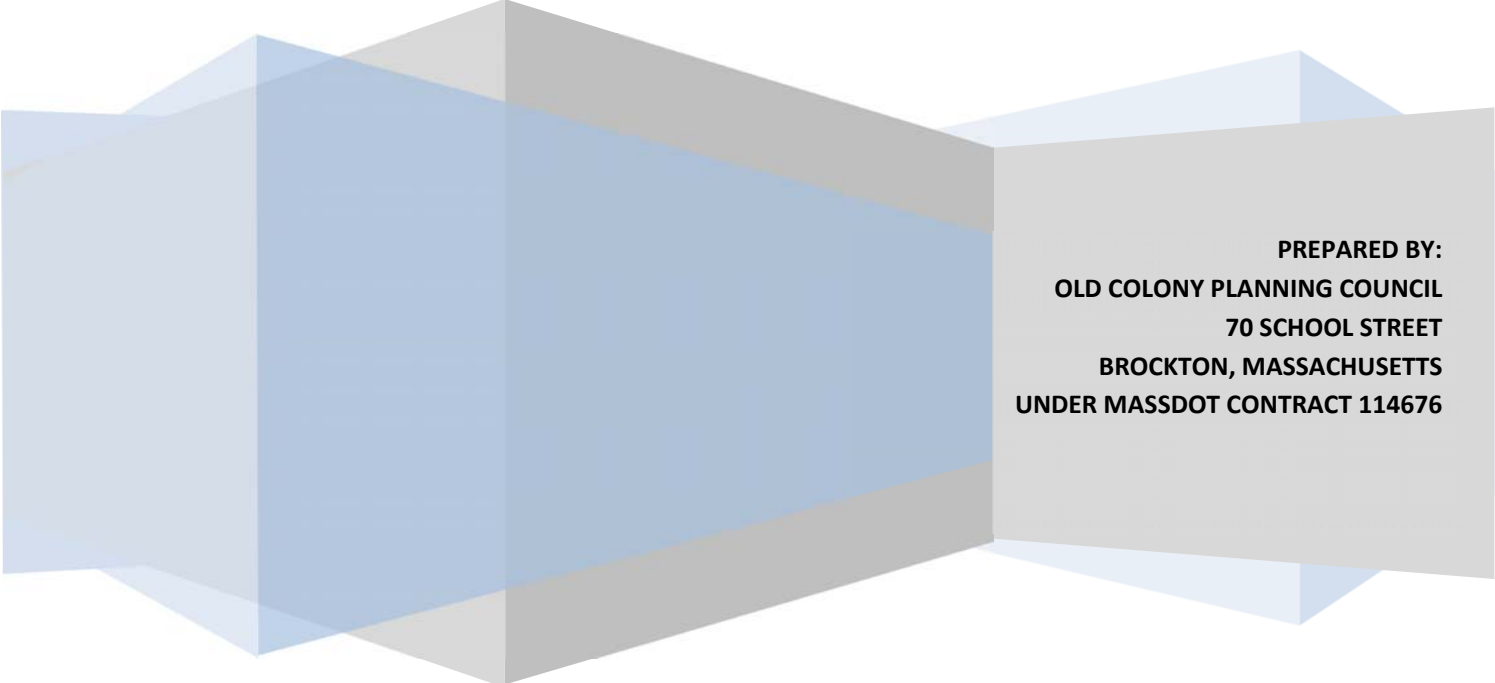
OLD COLONY METROPOLITAN PLANNING ORGANIZATION (MPO)

DRAFT FFY 2023-2027 OLD COLONY TRANSPORTATION IMPROVEMENT PROGRAM (TIP)

**RELEASED BY THE OLD COLONY MPO ON APRIL 19, 2022 TO A 21-DAY
PUBLIC REVIEW AND COMMENT PERIOD**

PREPARED IN COOPERATION WITH:

- **BROCKTON AREA TRANSIT AUTHORITY (BAT)**
- **FEDERAL HIGHWAY ADMINISTRATION (FHWA)**
- **FEDERAL TRANSIT ADMINISTRATION (FTA)**
- **MASSACHUSETTS DEPARTMENT OF TRANSPORTATION (MASSDOT)**
- **OLD COLONY PLANNING COUNCIL (OCPC)**



**PREPARED BY:
OLD COLONY PLANNING COUNCIL
70 SCHOOL STREET
BROCKTON, MASSACHUSETTS
UNDER MASSDOT CONTRACT 114676**

TABLE OF CONTENTS

1. INTRODUCTION	1
1.1 DEVELOPMENT OF THE TRANSPORTATION IMPROVEMENT PROGRAM (TIP)	1
1.2 BIL, NATIONAL PLANNING FACTORS, AND PERFORMANCE BASED PLANNING	2
1.3 TRANSPORTATION FUNDING PROGRAMS	17
1.4 PUBLIC PARTICIPATION, COORDINATION, AND COORDINATION	19
2. HIGHWAY AND BRIDGE PROJECT LISTING BY COMMUNITY	25
2.1 PRIORITIZATION AND TRANSPORTATION EVALUATION CRITERIA (TEC)	25
2.2 UNIVERSE OF PROJECTS, AND GEOGRAPHIC DISTRIBUTION OF PROJECTS	27
3. TIP FEDERAL REQUIREMENTS AND PROJECT LISTS	30
3.1 ENDORSEMENT OF THE FEDERAL TIP AND AIR QUALITY AND SELF CERTIFICATION COMPLIANCE STATEMENTS ON 3C PROCESS AND GLOBAL WARMING SOLUTIONS ACT	30
3.2 PROCEDURES FOR AMENDMENTS AND ADMINISTRATIVE MODIFICATIONS	30
3.3 FINANCIAL SUMMARY, TARGETS, AND FISCAL CONSTRAINT ANALYSIS	31
3.4 SUMMARY OF REGIONAL FUNDING CATEGORIES	33
3.5 TIP PROJECT LISTS BY YEAR	
FFY 2023 HIGHWAY AND BRIDGE ELEMENT	34
FFY 2024 HIGHWAY AND BRIDGE ELEMENT	35
FFY 2025 HIGHWAY AND BRIDGE ELEMENT	36
FFY 2026 HIGHWAY AND BRIDGE ELEMENT	37
FFY 2027 HIGHWAY AND BRIDGE ELEMENT	38
FFY 2023 TRANSIT ELEMENT	39
FFY 2024 TRANSIT ELEMENT	40
FFY 2025 TRANSIT ELEMENT	41
FFY 2026 TRANSIT ELEMENT	42
FFY 2027 TRANSIT ELEMENT	43
3.6 AIR QUALITY CONFORMITY DETERMINATION	44
APPENDICES	
A. FFY 2023-2027 OLD COLONY TIP ENDORSEMENT	
B. §450.336 - SELF CERTIFICATION COMPLIANCE STATEMENT - 3C PROCESS	
C. SELF-CERTIFICATION COMPLIANCE STATEMENT - 310 CMR 60.05: GLOBAL WARMING SOLUTIONS ACT REQUIREMENTS FOR THE TRANSPORTATION SECTOR AND MASSDOT	
D. GLOSSARY OF TERMS AND ACRONYMS	
E. SYSTEM LEVEL ESTIMATE OF NEEDS AND COST FOR MAINTAINING AND OPERATING THE HIGHWAY SYSTEM	
F. OPERATIONS AND MAINTENANCE EXPENDITURES	
G. FEDERAL REGIONAL FUNDING TARGETS AND STATEWIDE SUMMARIES	
H. TRANSPORTATION EVALUATION CRITERIA (TEC) FORMS	
I. ANNUAL LISTING OF OBLIGATED (ADVERTISED) PROJECTS	
J. COMPLETED HIGHWAY AND TRANSIT PROJECTS (2015 TO PRESENT; GREENHOUSE GAS (GHG) EMISSIONS ANALYSIS)	
K. FFY 2023-2027 GREENHOUSE GAS (GHG) EMISSIONS ANALYSIS	
L. FFY 2023-2027 GATRA TRANSIT ELEMENT	
M. TWENTY-ONE (21) DAY PUBLIC REVIEW - NOTICE OF AVAILABILITY AND PUBLIC COMMENTS	
N. TIP PROJECT REVISION AND DEFINITION PROCEDURES, AND APPROVED ADJUSTMENTS, ADMINISTRATIVE MODIFICATIONS, AND AMENDMENTS	

DISCLAIMER

The preparation of this report has been financed in part through grant[s] from the Federal Highway Administration and Federal Transit Administration, U.S. Department of Transportation, under the State Planning and Research Program, Section 505 [or Metropolitan Planning Program, Section 104(f)] of Title 23, U.S. Code.

The views and opinions of the Old Colony Planning Council expressed herein do not necessarily state or reflect those of the U. S. Department of Transportation.

701 CMR 7.00 USE OF ROAD FLAGGERS AND POLICE DETAILS ON PUBLIC WORKS PROJECTS/ 701 CMR

7.00 (the Regulation) was promulgated and became law on October 3, 2008. Under this Regulation, the CMR is applicable to any Public works Project that is performed within the limits of, or that impact traffic on, any Public Road. The Municipal Limitation referenced in this Regulation is applicable only to projects where the Municipality is the Awarding Authority. For all projects contained in the TIP, the Commonwealth is the Awarding Authority. Therefore, all projects must be considered and implemented in accordance with 701 CMR 7.00, and the Road Flagger and Police Detail Guidelines. By placing a project on the TIP, the Municipality acknowledges that 701 CMR 7.00 is applicable to its project and design and construction will be fully compliant with this Regulation. This information and additional information relative to guidance and implementation of the Regulation can be found at the following link on the MassDOT Highway Division website: <https://www.mass.gov/road-flaggers-and-police-detail>

NOTICE OF NONDISCRIMINATION RIGHTS AND PROTECTIONS TO BENEFICIARIES

Federal "Title VI/ Nondiscrimination" Protections

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

State Nondiscrimination Protections

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

Additional Information

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

Old Colony Planning Council
Title VI/ Nondiscrimination Coordinator
Mary Waldron
70 School Street
Brockton, MA 02301
508-583-1833 Extension 202
mwaldron@ocpcrpa.org

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

Complaint Filing

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

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

Massachusetts Commission Against Discrimination (MCAD)
One Ashburton Place, 6th Floor
Boston, MA 02109
617-994-6000
TTY: 617-994-6196

Translation

English

If this information is needed in another language, please contact the MPO Title VI Coordinator at 508-583-1833 ext. 202.

Spanish

Si necesita esta información en otro idioma, por favor contacte al coordinador de MPO del Título VI al 508-583-1833 ext. 202.

Portuguese

Caso estas informações sejam necessárias em outro idioma, por favor, contate o Coordenador de Título VI da MPO pelo telefone 508-583-1833, Ramal 202

Chinese Simple

如果需要使用其它□□□□□□□□□□ Old Colony大都会□□□□ (MPO) 《民□□□□□□□□□□, □□ 508- 583-1833, □ 202。

Chinese Traditional

如果需要使用其他語言瞭解資訊, 請聯繫Old Colony大都會規劃組織 (MPO) 《民權法案》第六章協調員, 電話508- 583-1833, 轉202。

Vietnamese

Nếu quý vị cần thông tin này bằng tiếng khác, vui lòng liên hệ Điều phối viên Luật VI của MPO theo số điện thoại 508- 583-1833, số máy nhánh 202.

Haitian Creole

Si yon moun bezwen enfòmasyon sa a nan yon lòt lang, tanpri kontakte Koòdonatè a Title VI MPO nan 508-583-1833 ext. 202.

French Creole

Si yon moun vle genyen enfòmasyon sa yo nan yon lòt lang, tanpri kontakte Kowòdinatè MPO Title VI la nan nimewo 508-583-1833, ekstansyon 202.

Russian

Если Вам необходима данная информация на любом другом языке, пожалуйста, свяжитесь с Координатором Титула VI в МПО по тел: 508-583-1833, добавочный 202.

French

Si vous avez besoin d'obtenir une copie de la présente dans une autre langue, veuillez contacter le coordinateur du Titre VI de MPO en composant le 508-583-1833, poste 202.

Italian

Se ha bisogno di ricevere queste informazioni in un'altra lingua si prega di contattare il coordinatore MPO del Titolo VI al 508- 583-1833 interno 202

1. INTRODUCTION

The Old Colony Metropolitan Planning Organization (Old Colony MPO) is the regional governing body established by federal law to oversee regional transportation planning and recommend the distribution of transportation funds locally. This includes the responsibilities for conducting a “3C” planning process (continuous, cooperative, and comprehensive) for transportation planning in the 17 communities of the region for all modes of travel, including roadways and highways, public transportation, bicycles, pedestrians, connections to air, ferry, and railroads. The Old Colony MPO is responsible for endorsing several Federal certification documents that include the Long-Range Transportation Plan (LRTP), the Transportation Improvement Program (TIP), and the Unified Planning Work Program (UPWP).

The transportation planning area covered by the MPO includes the 17 communities of the Old Colony Region: Abington, Avon, Bridgewater, Brockton, Duxbury, East Bridgewater, Easton, Halifax, Hanover, Hanson, Kingston, Pembroke, Plymouth, Plympton, Stoughton, West Bridgewater, and Whitman, and the Brockton Area Transit Authority (BAT).

The Old Colony MPO consists of eleven (11) members. The following eight (8) members are voting members: MassDOT; MassDOT Highway Division; Brockton Area Transit Authority (BAT); Old Colony Planning Council (OCPC); City of Brockton; Town of Plymouth; A Community with a population greater than 14,000; and a community with a population less than 15,000. The following three (3) members: Old Colony Joint Transportation Committee (JTC) Chairperson, Federal Highway Administration (FHWA), and Federal Transit Administration (FTA) are ex-officio, non-voting members of the Old Colony MPO.

The Old Colony MPO has established a committee of professionals known as the Old Colony Joint Transportation Committee (JTC) to serve as the transportation advisory group to the MPO. The JTC Members consist of representatives of the seventeen communities of the Old Colony Region: Abington, Avon, Bridgewater, Brockton, Duxbury, East Bridgewater, Easton, Halifax, Hanover, Hanson, Kingston, Pembroke, Plymouth, Plympton, Stoughton, West Bridgewater, and, Whitman, Brockton Area Transit Authority, and MassDOT.

1.1 Development of the Transportation Improvement Program

The Old Colony MPO prepares the Transportation Improvement Program (TIP), which is a staging of transportation projects proposed for implementation during federal fiscal years 2023, 2024, 2025, 2026, and 2027. Projects listed in the TIP include those in the Long-Range Element and Short-Range Element of the Old Colony Long Range Transportation Plan (LRTP). The TIP describes the project, provides its projected costs and associated funding sources.

The Old Colony MPO collaborates cooperatively with the communities of the Old Colony Region, Brockton Area Transit (BAT), Massachusetts Department of Transportation (MassDOT) Office of Transportation Planning, Massachusetts Department of Transportation Rail & Transit Division, and Massachusetts Department of Transportation District 5. Projects are selected from the previous TIP, from proposals made by local officials, by members of the Old Colony Joint Transportation Committee (JTC), the Massachusetts Department of Transportation, Brockton Area Transit Authority, and/or the MPO staff itself based on the Long-Range Transportation Plan. Information and data concerning current projects are obtained from MassDOT, Brockton Area Transit Authority, and/or the community responsible for the design of the project. An annual solicitation for projects commences typically in January.

During TIP development, current and proposed projects are evaluated using Transportation Evaluation Criteria (TEC), and recommended to the Old Colony MPO for consideration and determination of a Preferred Set of Projects. Projects are evaluated using the Transportation Evaluation Criteria of Condition, Mobility, Safety and Security, Community Effects and Support, Land Use and Economic Development, and Environmental Effects. The MPO staff uses the Transportation Evaluation Criteria results, as well as readiness information, available funding, and other pertinent information to develop a Draft TIP. The Old Colony MPO releases the Draft TIP for a 21-Day Public Review and Comment Period. Following the 21-Day Public Review and Comment Period, the Old Colony MPO considers the comments received, and then endorses the TIP if there are no significant changes.

1.2 Bipartisan Infrastructure Law (BIL), National Planning Factors, and Performance Based Planning

The 1.2 Bipartisan Infrastructure Law (BIL) requires MPOs to implement a continuing, cooperative, and comprehensive performance-based multimodal transportation planning process. To meet this requirement, the Old Colony MPO develops the Long Range Transportation Plan and Transportation Improvement Program that facilitate the safe and efficient movement of safe and efficient management, operation, and development of surface transportation systems that will serve the mobility needs of people and freight (including accessible pedestrian walkways, bicycle transportation facilities, and intermodal facilities that support intercity transportation, including intercity bus facilities and commuter van pool providers) and that fosters economic growth and development within and between States and urbanized areas, and take into consideration resiliency needs while minimizing transportation-related fuel consumption and air pollution in all areas of the region.

The BIL continues to emphasize performance-based planning as an integral part of the metropolitan planning process: states are to develop performance goals, guided by the national goals, and then MPOs will work with state departments of transportation to develop MPO performance measures and targets, or adopt the statewide performance measures and targets. The TIP integrates MassDOT's and the MPO's performance measures and link transportation-investment decisions to progress toward achieving performance targets. The MPOs, MassDOT, and providers of public transportation jointly agree and have developed specific written provisions for cooperatively developing and sharing information related to transportation performance data, the selection of performance targets, the reporting of performance targets, the reporting of performance to be used in tracking progress towards attainment of critical outcomes for the MPO regions and the collection of data for the MassDOT Asset Management Plan.

One desired outcome of performance-based planning is constant quality improvement in project selection and delivery with respect to meeting national goals. If a particular project did not help the plan meet its stated goals, or was more effective than originally thought, that information can inform future decision-making. Done properly, performance-based planning not only improves project selection and prioritization, it also can make a compelling case for the Old Colony MPO's LRTP and why the communities and providers of public transit are invested in its outcome.

The Old Colony MPO develops the TIP with consideration of additional planning activities within the metropolitan area and utilizes a process that provides for the design and delivery of transportation services within the metropolitan planning area. During the development of the LRTP, region specific targets were developed through meetings of a sub-committee and then presented and reviewed by the Old Colony JTC and Old Colony MPO.

The TIP is designed such that once implemented, it makes progress toward achieving the performance

targets. Performance-based planning attempts to make the transportation investment decision-making process both informed and accountable. Projects and services implemented through the TIP will help to achieve the performance targets for Safety (PM1), Bridge and Pavement Condition (PM2), System Performance Measures (PM3), Transit Asset Management (TAM) State of Good Repair (SGR), and Public Transit Agency Safety Plan (PTASP).

Safety Performance Measures and Targets (PM1)

Safety Goals: Achieve a significant reduction in traffic fatalities and serious injuries on all public roads; increase the safety of the transportation system for motorized and non-motorized users; ensure that the transportation system and its users are safe and secure; and review safety data, goals, objectives, and strategies to promote safety.

The Massachusetts Strategic Highway Safety Plan (SHSP) is incorporated into the Old Colony Long-Range Transportation Plan. The Old Colony MPO applies specific criteria in the review of transportation strategies. These criteria are applied to estimated changes in safety. The primary goal of the LRTP is focused on safety and security: “Enhance Safety and Security.” Safety is of such importance that it is recognized in its own chapter of the LRTP. Also included in the LRTP are the following goals: Increase the security of the transportation system for motorized and non-motorized users; examine both transit and highways networks and develop appropriate goals and strategies; review current plans for emergency planning and security elements; identify critical facilities and transportation systems; and define the roles of the various players in promoting security. One area of additional security planning that applies is that of traffic impacts due to extreme weather events such as impending hurricanes, and climate changes.

The Old Colony MPO has chosen to adopt the statewide safety performance measure targets set by MassDOT for Calendar Year (CY) 2022. In setting these targets, MassDOT has followed FHWA guidelines by using statewide crash data and Highway Performance Monitoring System (HPMS) data for vehicle miles traveled (VMT) to calculate 5 year, rolling average trend lines for all FHWA-defined safety measures. For CY 2022 targets, four of the five safety measures - total number of fatalities, rate of fatalities per 100 million vehicle miles traveled, total number of incapacitating injuries, and rate of incapacitating injuries per 100 million VMT - were established by extending their trend lines into the 2018-2022 period. MassDOT’s effort to increase non-motorized mode share throughout the Commonwealth has posed a challenge to simultaneously reducing non-motorized injuries and fatalities. In recent years, MassDOT and the Old Colony MPO have invested in “complete streets,” bicycle and pedestrian infrastructure, intersection and safety improvements in both the Capital Investment Plan (CIP) and Statewide Transportation Improvement Program (STIP) to address increasing mode share and to incorporate safety mitigation elements into projects. Moving forward, the Old Colony MPO, alongside MassDOT, is actively seeking to implement safe system approaches and to improve data collection and methodology for bicycle and pedestrian VMT counts and to continue analyzing crash clusters and crash counts that include both motorized and non-motorized modes to address safety issues at these locations.

In all safety categories, MassDOT has established a long-term target of “Toward Zero Deaths” through MassDOT’s Performance Measures Tracker¹ and will be establishing safety targets for the MPO to consider for adoption each calendar year. While the MPO is not required by FHWA to report on annual safety performance targets, FHWA guidelines require MPOs to adopt MassDOT’s annual targets or to establish their own each year.

¹ <https://www.mass.gov/lists/tracker-annual-performance-management-reports>

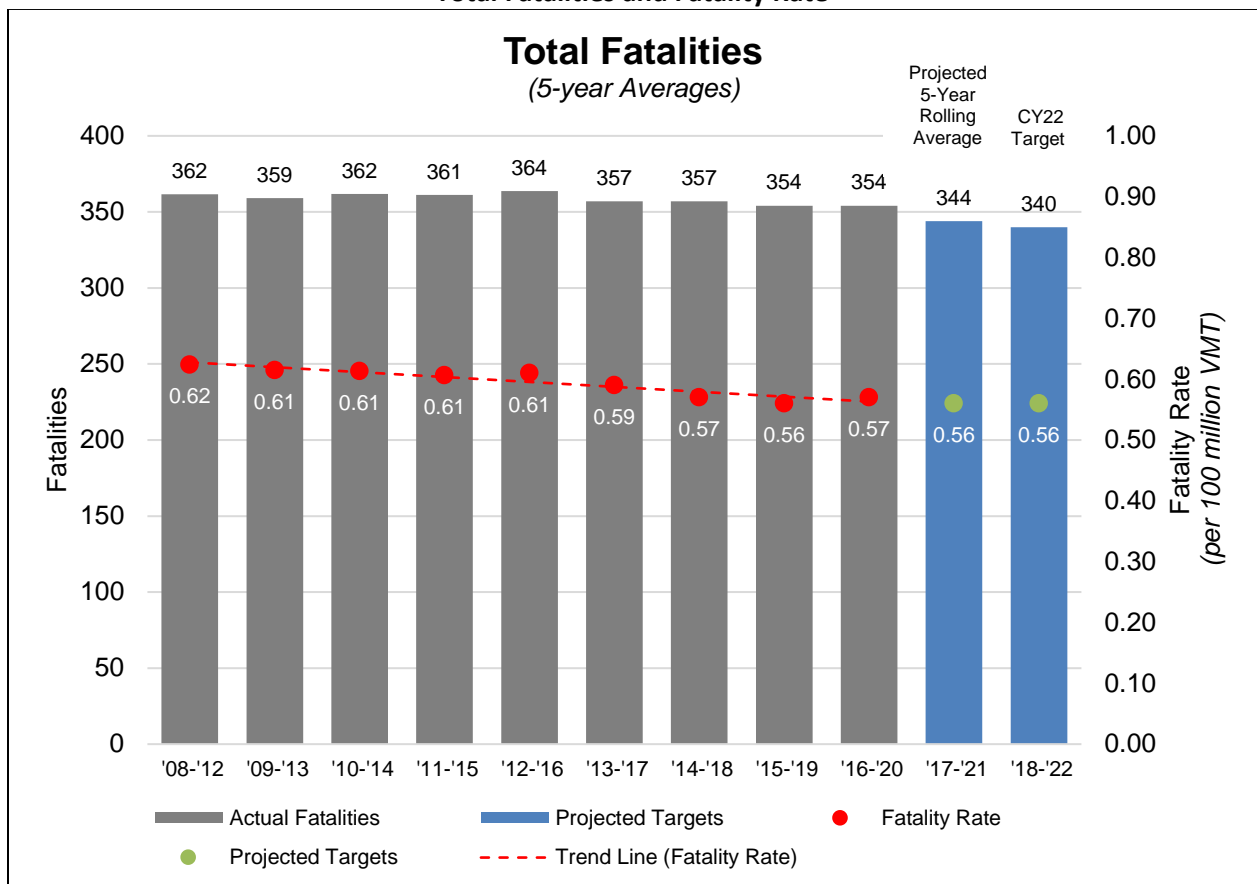
DRAFT FFY 2023-2027 OLD COLONY TRANSPORTATION IMPROVEMENT PROGRAM (TIP)

The safety measures MassDOT has established for CY 2022, and that the Old Colony MPO has adopted, are as follows:

Total Fatalities: Per Federal Highway Administration (FHWA) guidance, the CY22 target setting process began with a trend line projection based on the most recent available data. Due to reduced vehicle miles traveled (VMT) related to the pandemic, actual 2020 fatalities did not follow this trend, so CY21 projections were based on trends from CY19 with CY20 data disregarded given the unique circumstances surrounding data from that year. CY22 projections are based on a 2.5% reduction in fatalities from CY21 resulting in a five-year average fatalities projection of 340. It is projected that fatalities will decrease based on MassDOT efforts in the areas of speed management and safe systems, among other safety strategies. As always, MassDOT’s overarching goal is zero deaths and this goal will be pursued by implementing Strategic Highway Safety Plan (SHSP) strategies.

Fatality Rate: The fatality rate represents five-year average fatalities divided by five-year average VMTs. The COVID-19 pandemic greatly impacted VMT, causing fatality rates to spike in 2020 with significantly lower VMT and slightly higher fatalities. The 2022 projection is now 0.56 fatalities per 100 million vehicle miles traveled for 2022 (five-year average of 2018-2022). The long-term goal is towards zero deaths, so the long-term fatality rate target is 0 fatalities per 100 million VMTs.

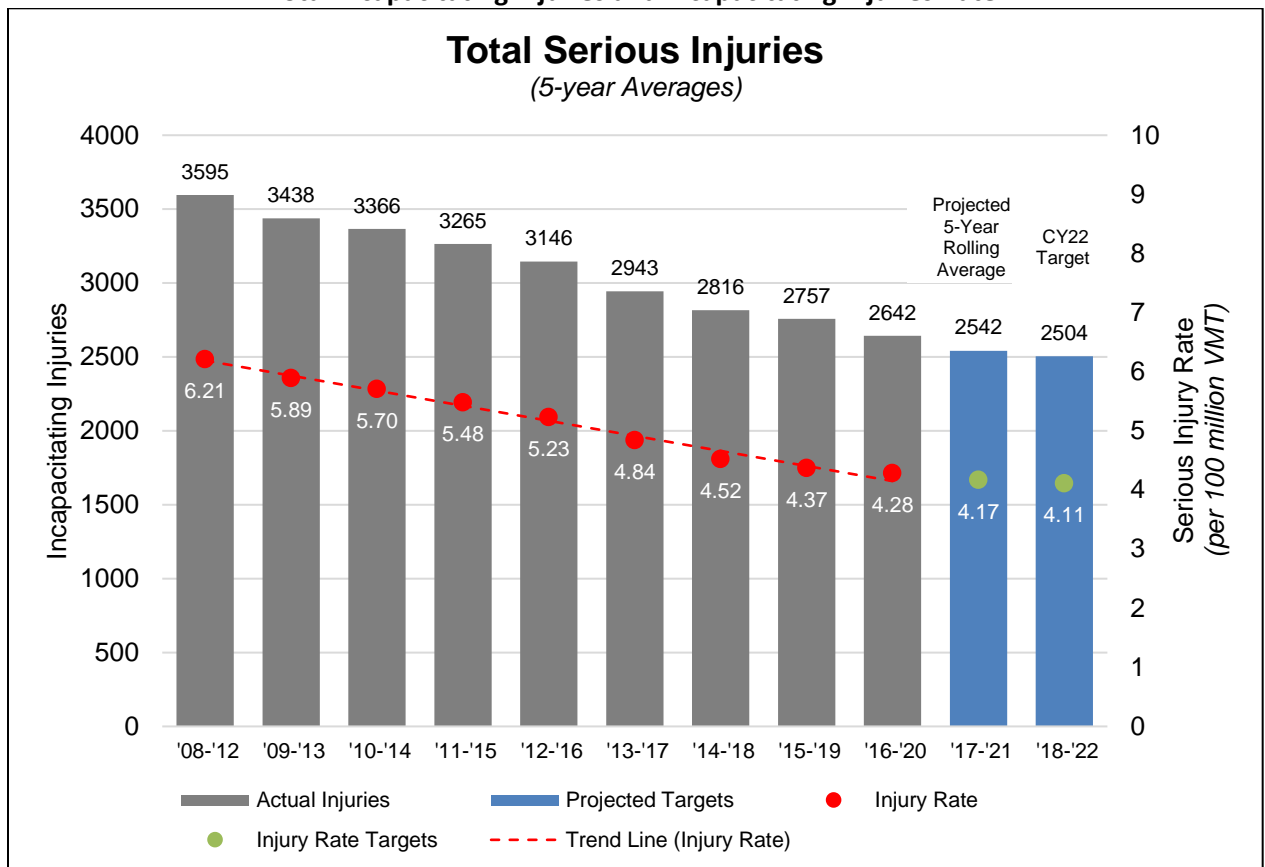
Figure 1
Total Fatalities and Fatality Rate



Total Serious Injuries: It is anticipated that there will be an overall decrease in the number of serious injuries due to a continual downward trend line as well as the implementation of countermeasures that are being developed as part of the 2018 SHSP. MassDOT projections in this category have used CY19 as a base to reflect changes in VMT due to the pandemic, and the CY22 target of 2,504 was set to reflect this trend. Due to unpredictable fluctuations between 2019 and 2020 data and an overall decreasing trendline, a 3% reduction in annual serious injuries from 2018 to 2021, and a 4% annual reduction from 2021 to 2022, were assumed to calculate the CY22 target.

Serious Injuries Rate: Similar to the fatality rate, it is anticipated that the downward trend line will result in a drop in the rate of serious injuries from 4.28 per 100 million VMT between 2017–2021 to 4.11 between 2018–2022. Five-year VMT data were used between 2018 – 2022 to calculate this rate.

**Figure 2
Total Incapacitating Injuries and Incapacitating Injuries Rate**

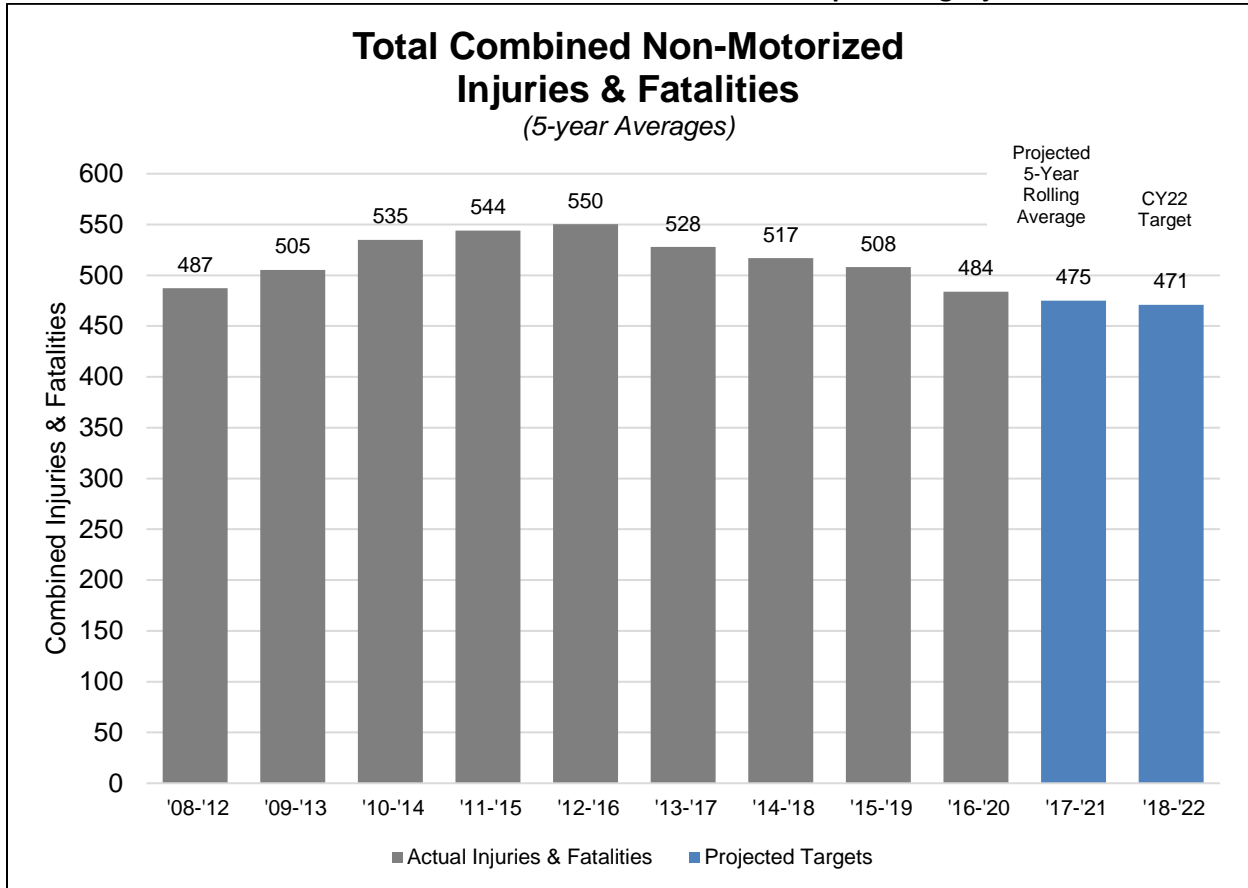


Total Number of Non-Motorized Fatalities and Serious Injuries: In 2020, during the COVID-19 pandemic, Massachusetts experienced a steep decline in both non-motorized fatalities and serious injuries. Because of the high fluctuations in the data, to establish MassDOT’s CY22 target, CY21 non-motorist fatalities and suspected serious injuries were set to be equal to the average of CY17, CY18 and CY19 data. To project the non-motorist fatality and serious injuries for CY22, a 2% reduction was estimated. Overall, this translated to a CY22 5-year average of 471 fatalities and serious injuries combined for non-motorists.

It is important to note that the inclusion criteria have changed for non-motorists. This year, the non-motorist type “not reported” was removed because, based on manual inspection, it appears that many of

the persons in this category were not actually pedestrians or bicyclists but were bystanders (e.g. people who were in buildings when the building was struck by a vehicle). However, due to data quality and the ability, need and resources to manually review crashes, this field may continue to evolve.

Figure 3
Total Number of Non-Motorized Fatalities and Incapacitating Injuries



Note: The fatality and serious injury data contained here was developed to align with the data included within MassDOT’s annual Highway Safety Improvement Program (HSIP) report. As such, historical data may be different from what was reported in prior years.

The Old Colony MPO will continue to assist MassDOT in striving towards these targets through our project prioritization process and with our evaluation criteria. This criterion, which awards a higher score for safety improvements projects, will result in a measurable reduction in injuries and fatalities. The likely projected decrease from the CY 2022 target is due to several implementation strategies from the Statewide Bike Plan, Statewide Pedestrian Plan, and Strategic Highway Safety Plan. In recent years, MassDOT and the MPO have invested in “Complete Streets,” bicycle and pedestrian infrastructure, intersection, and safety improvements in both the Capital Investment Plan (CIP) and Statewide Transportation Improvement Program (STIP) to address an increasing mode share and to incorporate safety mitigation elements into projects.

Additional Safety Performance Measures and Targets:

- Reduce the number and rates of fatalities and serious injuries.

- Target: Conduct Road Safety Audits for a minimum of three high crash locations per year, including minimum of 1 pedestrian/ walkability audit and one bicycle audit per year. In 2021, fifteen locations were analyzed through Road Safety Audits.
- Provide and maintain safe fixed route service (e.g., Preventable Accidents per 100K miles).
 - Target: Maintain fixed route service preventable accidents/ 100k miles below 2.0 (FY 2021 is 1.12 from BAT Performance Dashboard).
- Provide and maintain safe demand response service (Preventable accidents/ 100k miles).
 - Target: Maintain demand response service preventable accidents/ 100k miles below 2.0 (FY 2021 is 0.14) (from BAT Performance Dashboard).

System Preservation Performance (PM2)

Infrastructure Condition (Pavement, Bridge, and Transit) Goals: Maintain a highway and transit infrastructure asset systems in a state of good repair; and emphasize the preservation of the existing transportation system. As part of the LRTP development, the MPO utilizes a pavement management system to develop costs and recommended repair for operation, preservation, and maintenance of the federal aid network.

System preservation continues to be a priority for the Old Colony Region MPO because the region's transportation infrastructure is aging. It is also important to improve the resiliency of the region's transportation system to prepare for existing or future extreme conditions, such as sea level rise and flooding.

The Old Colony MPO has chosen to adopt the 2-year (2020) and 4-year (2022) statewide bridge and pavement performance measure targets set by MassDOT. MassDOT was required to adopt a statewide target by May 20, 2018, with MPOs either adopting the statewide target or establishing their own by November 2018. In setting these targets, MassDOT has followed FHWA guidelines by measuring bridges and pavement condition using the 9-point National Bridge Inventory Standards (NBIS); the International Roughness Index (IRI); the presence of pavement rutting; and the presence of pavement cracking. 2-year and 4-year targets were set for six individual performance measures: percent of bridges in good condition; percent of bridges in poor condition; percent of Interstate pavement in good condition; percent of Interstate pavement in poor condition; percent of non-Interstate pavement in good condition; and percent of non-Interstate pavement in poor condition. All the above performance measures are tracked in greater detail in MassDOT's Transportation Asset Management Plan (TAMP).

Targets for bridge-related performance measures were determined by identifying which bridge projects are programmed and projecting at what rate bridge conditions deteriorate. The bridge-related performance measures measure the percentage of deck area, rather than the total number of bridges.

Performance targets for pavement-related performance measures were based on a single year of data collection, and thus were set to remain steady under the guidance of FHWA. These measures are to be revisited at the 2-year mark (2020), once three years of data are available, for more informed target setting.

MassDOT continues to measure pavement quality and to set statewide short-term and long-term targets in the MassDOT Performance Management Tracker using the Pavement Serviceability Index (PSI), which differs from IRI. These measures and targets are used in conjunction with federal measures to inform program sizing and project selection. Table 1 provides the MassDOT Performance Measures and Targets

DRAFT FFY 2023-2027 OLD COLONY TRANSPORTATION IMPROVEMENT PROGRAM (TIP)

for NHS Pavements, while Table 2 provides the MassDOT Performance Measures and Targets for NHS Bridges.

The Old Colony MPO will continue to assist MassDOT in striving towards these targets through our project prioritization process and with our evaluation criteria, which considers maintenance and infrastructure an important factor in the selection process.

**Table 1
MassDOT Performance Measures and Targets for NHS Pavements**

Interstate Pavement (FHWA Full Distress)			
Performance Measure	Current Condition (2017)	2-Year Target (2020)	4-Year Target (2022)
% Interstate Pavement in Good Condition	74.2%	70%	70%
% Interstate Pavement in Poor Condition	0.1%	4%	4%
Non-Interstate Pavement (FHWA IRI only)			
Performance Measure	Current Condition (2017)	2-Year Target (2020)	4-Year Target (2022)
% Non-Interstate Pavement in Good Condition	32.9%	30%	30%
% Non-Interstate Pavement in Poor Condition	31.4%	30%	30%

**Table 2
MassDOT Performance Measures and Targets for NHS Bridges**

Performance Measure	Current Condition (2017)	2-Year Target (2020)	4-Year Target (2022)
% Bridges in Good Condition	15.22%	15%	16%
% Bridges in Poor Condition	12.37%	13%	12%

MassDOT develops the Transportation Asset Management Plan (TAMP) to address pavement and bridge conditions on the National Highway System (NHS). The TAMP includes information on the NHS Inventory and Performance, Life Cycle Planning and Investment Strategy, Risk Management, and a Financial Plan.

Recipients of public transit funds, which can include states, local authorities, and public transportation operators, are required to establish performance targets for safety and state of good repair, develop transit asset management and transit safety plans, and to report on their progress toward achieving targets. Public transportation operators are directed to share information with MPOs and states so that all plans and performance reports are coordinated. The identified state of good repair performance measures for transit asset management regarding BAT include the following areas: equipment (Percentage

of vehicles that have met or exceeded their Useful Life Benchmark (ULB)); rolling stock (Percentage of revenue vehicles within a particular asset class that have met or exceeded their ULB); and facilities (Percentage of facilities within an asset class rated below 3.0 on the FTA Transit Economic Requirements Model scale).

Additional System Preservation Performance Measures and Targets:

- Provide and maintain fixed route and demand response state of good repair.
 - Target: Increase miles between breakdowns with passenger interruption on fixed route to 25,000 (goal) within 10 years (FY 2021 is 72,065) (from BAT Performance Dashboard).
 - Target: Increase miles between breakdowns with passenger interruption on demand response to 30,000 (goal) within 10 years (FY 2021 is 29,441) (from BAT Performance Dashboard).
- Improve pavement conditions and state of good repair.
 - Target: Achieve 50% of federal-aid eligible roadways in the region with a PCI-based pavement ranking of Good or Excellent within 10 years. In 2016, the pavement management system determined that 36% of the federal-aid eligible roadways were categorized as either Good or Excellent.

Congestion Reduction Goals: Achieve a significant reduction in congestion on the NHS; and enhance the integration and mobility of the transportation system, across and between modes, for people and freight. The MPO applies specific criteria in the review of transportation strategies. These criteria are applied to improvements in multimodal accessibility. The LRTP supports these efforts through its goal: “Enhance and Protect Regional Mobility, and Foster Sustainable, Healthy, and Livable Communities.”

System Performance Measures (Congestion, Reliability, and Emissions) (PM3)

Through its goal and objectives for capacity management and mobility, the MPO seeks to maximize the region’s existing transportation system so that both people and goods can move reliably and connect to key destinations. Portions of the Old Colony Region are densely developed, which creates challenges to making major changes to its transportation infrastructure to address access, reliability, and congestion mitigation needs. To determine how well the region’s roadways are performing with respect to mobility, the MPO applies performance measures that gauge the duration, extent, intensity, and reliability (or regularity) of the occurrence of congestion.

**Table 3
MassDOT System Performance Measures and Targets
Congestion, Reliability, and Emissions**

Performance Measure	Current (2017)	2-Year Target (2020)	4-Year Target (2022)
Level of Travel Time Reliability (LOTR)	68% Interstate	68% Interstate	68% Interstate
	80% Non-Interstate	80% Non-Interstate	80% Non-Interstate
Truck Travel Time Reliability (TTTR)	1.85	1.85	1.85
Peak Hour Excessive Delay (PHED) (Boston UZA) (Annual hours per capita)	18.31	18.31	18.31
Non-SOV Travel	33.60% (2016)	34.82%	35.46%
Emissions Reductions	Baseline (FFY 2014-2017)	1,622 CO	TBD CO - Springfield
		497.9 Ozone	1.1 Ozone

The Old Colony MPO has chosen to adopt the 2-year (2020) and 4-year (2022) statewide system performance measure targets set by MassDOT. The Old Colony MPO will continue to assist MassDOT in striving towards these targets through our project prioritization process and with our evaluation criteria, which considers maintenance and infrastructure an important factor in the selection process.

Old Colony MPO staff analyzes congestion in the region using the Congestion Management Process (CMP). The CMP is, “a systematic process for managing congestion that provides information on transportation system performance and on alternative strategies for alleviating congestion and enhancing the mobility of persons and goods to levels that meet state and local needs.” The CMP includes consideration of the implementation of strategies that provide the most efficient and effective use of existing and future transportation facilities. This process allows for monitoring transportation systems for congestion, reviewing and endorsing plans by local communities that make up the region, and revising monitoring of strategies and overall plans to account for a dynamic management system. In both metropolitan and non-metropolitan areas, consideration needs to be given to strategies that reduce single occupancy vehicle (SOV) travel and improve existing transportation system efficiency. Documentation of the operational Congestion Management Process occurs during the Transportation Management Area (TMA) Certification Review conducted every four (4) years. The most recent Transportation Planning Certification Review Report was issued in February 2020. The Transportation Planning Certification Review Report - February 2020 report is available for download [here](#).

In general, the root causes of congestion may be summarized into two main categories:

- Traffic volume on a facility exceeds the available physical capacity of the facility - There is a limited amount of traffic that can be moved on a roadway for a given time, or only so many transit customers that can be accommodated by a given number of buses or trains. This is considered the physical capacity of the system. Bottlenecks occur at locations where the physical capacity is restricted, with flows from upstream sections (with higher capacities) being funneled into smaller downstream segments. When traffic flow breaks down to stop-and-go conditions, capacity is reduced. Bottlenecks can be specific chokepoints in the system, such as a poorly functioning

freeway-to-freeway interchange, or an entire highway corridor where a “system” of bottlenecks exists, such as a closely spaced series of interchanges with local streets.

- Traffic Incidents - In addition to the physical capacity, external events can have a major effect on traffic flow. These include traffic incidents such as crashes and vehicle breakdowns; work zones; inclement weather; special events; and poorly timed traffic signals. When these events occur, their main impact is to reduce physical capacity. Events also may cause changes in traffic demand by causing travelers to rethink or reroute their trips.

The cost of congestion can be measured in dollars as well as time. There is a direct link between transportation investment, travel conditions (congestion and reliability), and economic productivity. Two key trends have a substantial impact on the total cost of moving freight:

- Congestion - As congestion extends into the midday, which is typically the peak travel period for trucks, costs that are more direct will be incurred.
- Reliability - For trucks, the ability to secure delivery windows predictably will decrease and will add even more costs as firms struggle to optimize delivery schedules. This is especially a problem for truckers who must meet “just-in-time” delivery schedules set by shippers, manufacturers, and retailers.

The CMP is also designed to identify intersections and road segments that demonstrate congestion, excessive delays, and circulation problems. The CMP identifies these congested facilities through studies completed by OCPC and other agencies and organizations, and through the ongoing monitoring of facilities. Standard operating procedures have been adopted for data collection that allows the monitoring of intersections within the region specifically targeted due to congestion. The CMP identifies numerous congested intersections, based on a threshold of LOS “D” or less, within the Old Colony region.

In addition to the intersection locations, there are several community centers in the region including, Bridgewater Center (Central Square), Downtown Brockton, East Bridgewater Center, Stoughton Center, and West Bridgewater Center, which experience chronic congestion and circulation problems requiring on-going efforts to improve traffic flow and access and reduce delays.

When making investments in the region’s transportation system, the Old Colony Region MPO seeks to invest in projects and programs that reduce greenhouse gases (GHGs) and other transportation related pollutants, and otherwise minimize negative environmental impacts. If climate change trends continue as projected, the conditions in the Old Colony Region will include a rise in sea level coupled with storm-induced flooding, and warmer temperatures that would affect the region’s infrastructure, economy, human health, and natural resources. Massachusetts is responding to this challenge by taking action to reduce the GHGs produced in the state, including those generated by the transportation sector. To that end, Massachusetts passed its Global Warming Solutions Act (GWSA), which requires reductions of GHGs by 2020, and further reductions by 2050, relative to 1990 baseline conditions. To meet GWSA requirements, the MPO works with MassDOT and other stakeholders to anticipate the GHG impacts of projects included in the TIP.

Additional System Performance Measures and Targets

- Promote Mode Shift by increasing use of transit, carpool/ vanpool, and non-motorized transportation modes such as bicycling and walking.
 - Target: Achieve 15% of commuters in the Old Colony region using healthy (those that reduce GHG and/or encourage physical activity) transportation modes such transit, walking, and

bicycling, etc.) within 10 years (10.5% of surveyed commuters in Old Colony Region were using transit, walking, or bicycling in the 2011 Massachusetts Travel Survey).

- Reduce traffic congestion and improve level of service and access management.
 - Target: Monitor congestion levels on federal-aid eligible highway network annually and highlight corridors with volume to capacity (v/c) ratios of 0.8 or greater for targeted study and/or improvements.
- Maintain and improve transit system efficiency and capacity.
 - Target: Achieve average on-time ranking on fixed-route system of 98% by 2040 (from BAT Performance Dashboard). FY 2021 actual on-time performance is 99.76%.
- Increase automobile and bicycle parking capacity and usage at transit stations and commuter lots.
- Eliminate bottlenecks on limited access highways and on the freight network.
- Improve and expand human service coordination, mobility, and accessibility for all modes.
- Reduce number and size of gaps in the ADA accessible sidewalk network.
- Increase use of traffic signal priority (hold current green light) for transit vehicles and traffic signal pre-emption for emergency vehicles (override programmed phasing to provide approaching emergency vehicles a green light).
- Monitor utilization and congestion levels at commuter rail and park & ride parking facilities.
 - Target: Record utilization data twice annually and report data to MassDOT. In FFY 2021, utilization was recorded twice.
- Improve accessibility for all modes to all users.
 - Target: 50% of communities with Complete Streets policies within 10 years. Currently, 94% of communities in the region have an approved Complete Street Policy.
 - Target: 50% of available Transportation Improvement Program funding allocated to projects that significantly improve bicycle and pedestrian mobility.

System Reliability Goals: Improve the efficiency of the surface transportation system; and promote efficient system operation and management. The Old Colony MPO supports Operation and Management Strategies (O and M) for both the transit and highway networks. The LRTP supports this planning factor through this performance measure: “Maintaining and preserving transit, highway, and bridge infrastructure.” As part of the LRTP development, the MPO utilizes a pavement management system to develop costs and recommended repair for operation, preservation, and maintenance of the federal aid network. The Old Colony MPO and BAT are coordinating to implement a performance-based planning process. The MPO integrates BAT’s Transit Asset Management (TAM) Plan into its planning process that prioritizes investments that meet regional performance targets for State of Good Repair. Every agency must develop a transit asset management (TAM) plan if it owns, operates, or manages capital assets used to provide public transportation and receives federal financial assistance under 49 U.S.C. Chapter 53 as a recipient or subrecipient. Each transit provider must designate an Accountable Executive (49 CFR 625.5) to ensure appropriate resources for implementing the agency's TAM plan and the Transit Agency Safety Plan. The identified state of good repair performance measures for TAM regarding BAT include the following areas: equipment (Percentage of vehicles that have met or exceeded their Useful Life Benchmark (ULB)); rolling stock (Percentage of revenue vehicles within a particular asset class that have met or exceeded their ULB); and facilities (Percentage of facilities within an asset class rated below 3.0 on the FTA Transit Economic Requirements Model scale). Additionally, the Old Colony TIP contains operation and maintenance costs for the federal aid network and BAT.

System Reliability Performance Measures and Targets

- Provide and maintain fixed route reliability: Miles between breakdowns w/ passenger interruption.
 - Target: Achieve average of 25,000 miles between breakdowns with passenger interruptions by 2040 (from BAT Performance Dashboard). FY 2021 actual is 72,065 miles between breakdowns with passenger interruptions.
- Provide and maintain demand response reliability: Miles between breakdowns w/ passenger interruption.
 - Target: Achieve average of 30,000 miles between breakdowns with passenger interruptions by 2040 (from BAT Performance Dashboard). FY 2021 actual is 29,441 miles between breakdowns with passenger interruptions.
- Provide and maintain highway network travel time reliability.
- Protect and strengthen transportation systems vulnerable to climate change through identification of at-risk transportation assets and development of protection measures for each category of asset.

Freight Movement and Economic Vitality Goals: Improve the nation’s freight network, strengthen the ability of communities to access national and international trade markets, and support regional economic development; and support the economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity, and efficiency. The MPO applies specific criteria in the review of transportation strategies. These criteria are applied to changes of delay and emissions. Reduction in traffic delay has a direct consequence on economic vitality both through the timely arrival of commuters and goods and reduction in fuel expenses and losses due to air pollution. The LRTP directly supports these efforts through the goal: “Promote Policies that Ensure Economic Vitality and Sustainability.” The MPO directly supports regional productivity through its economic development mission manifested in the Regional Policy Plan, including support of the federally approved Old Colony Comprehensive Economic Development Strategy priority projects.

Freight Movement and Economic Vitality Performance Measures

- Reduce delay along identified freight routes.
- Improve safety along freight routes.
- Mitigate and improve key arterials (such as Route 106) and limited access highways (Routes 3 and 24) bottlenecks that inhibit efficient freight movement by truck.
- Identify opportunities for promoting intermodal freight movement.
- Increase access to major employment centers.
- Increase viaduct clearance to improve freight movement, emergency response, and reduce delay.
- Plan and prioritize transportation investments that serve targeted development areas.

Environmental Sustainability Goals: Enhance the performance of the transportation system while protecting and enhancing the natural environment; promote energy conservation; improve the quality of life; and promote consistency between transportation improvements and State and local planned growth and economic development patterns. The LRTP and therefore the TIP includes a focus on addressing Climate Change. Where appropriate, TIP projects will include assessments of vulnerabilities and negative risks that climate change effects or extreme weather events pose to the region’s transportation infrastructure. These vulnerabilities and risks will be seriously considered when planning future improvements. Where appropriate, TIP projects include adaptation strategies that will enable the region to implement improvements appropriately. The reduction of greenhouse gas emissions (GHG) remains an important goal in addressing climate change.

Environmental Sustainability Performance Measures and Targets

- Minimize negative environmental impacts of the transportation system.
 - Target: Utilize Congestion Mitigation and Air Quality (CMAQ) Program funding for 100% of all applicable projects.
- Reduce greenhouse gas emissions and ground level ozone (NO_x and VOCs) by all transportation modes.
 - Target: 50% of TIP projects reduce GHGs while also reducing negative impacts on the natural environment (such as improved storm water management or the addition of green space). In the FFY 2023-2027 TIP, 100% of the road projects, and 100% of the bus replacement projects had measurable reductions in GHGs. Staff conducts greenhouse gas (GHG) impact assessments using the Congestion Mitigation and Air Quality Spreadsheet to calculate the change in GHGs.
- Increase the usage of clean alternative fuels and recyclable material for new transportation infrastructure.
- Increase coordination of transportation and housing programs to promote affordable housing near transit.
- Develop and support transportation policies that support healthy lifestyles.
- Support investments that clean up brownfields and avoid investments that increase pressure to develop greenfields.
- Support livable communities and smart growth development patterns through the creation of a balanced multi-modal transportation system.

Reduced Project Delivery Delay Goal: Reduce project costs; promote jobs and the economy; and expedite the movement of people and goods by accelerating project completion through eliminating delays in the project development and delivery process, including reducing regulatory burdens and improving agency work practices.

Reduced Project Delivery Delay Performance Measures and Targets

- Continue to utilize transportation evaluation criteria in screening potential TIP projects.
 - Target: 100% of all potential projects undergo initial evaluation to determine if project is realistic, viable, and implementable.
- Enhance screening and evaluation of projects to determine Year 1 readiness for TIP.
 - Target: 100% of potential Year 1 TIP projects are screened for implementation readiness. In the FFY 2023-2027 TIP, 100% of Year 1 projects were screened for readiness.
 - Target and Performance Measure: At least 80% of Year 1 TIP Projects are advertised. In the FFY 2022-2026 TIP, 100% of Year 1 projects were advertised in the first quarter of FFY 2022.
- Continue to maintain annual participation at TIP Day with MassDOT.
 - Target: 100% attendance and participation at TIP Day. One hundred percent attendance and participation at TIP Day has occurred since its inception.
 - Target: At 25% design stage, work with stakeholders on 100% of potential projects to determine Right-of-Way (ROW), environmental permitting, and other potential challenges to project development and implementation.
- Reduce time of transit contracting.

Resiliency and Reliability of the Transportation System Goals: Improve the resiliency and reliability of the transportation system; reduce or mitigate stormwater impacts of surface transportation; and promote efficient system operation and management.

Resiliency and Reliability Performance Measures and Targets

- Provide and maintain fixed route reliability: Miles between breakdowns w/ passenger interruption.
 - Target: Achieve average of 25,000 miles between breakdowns with passenger interruptions by 2040 (from BAT Performance Dashboard). FY 2021 actual is 72,065 miles between breakdowns with passenger interruptions.
- Provide and maintain demand response reliability: Miles between breakdowns w/ passenger interruption.
 - Target: Achieve average of 30,000 miles between breakdowns with passenger interruptions by 2040 (from BAT Performance Dashboard). FY 2021 actual is 29,441 miles between breakdowns with passenger interruptions.
- Provide and maintain highway network travel time reliability.
- Protect and strengthen transportation systems vulnerable to climate change through identification of at-risk transportation assets and development of protection measures for each category of asset.

The Old Colony MPO supports Operation and Management Strategies (O & M) for both the transit and highway networks. The LRTP supports this planning factor through this performance measure: “Maintaining and preserving transit, highway, and bridge infrastructure.” As part of the LRTP development, the MPO utilizes a pavement management system to develop costs and recommended repair for operation, preservation, and maintenance of the federal aid network. Additionally, the Old Colony TIP contains operation and maintenance costs for the federal aid network and BAT.

Travel and Tourism - Enhance Travel and Tourism Goals: The Old Colony MPO is working on efforts to enhance travel and tourism through the LRTP and TIP. Opportunities to monitor, analyze, and develop recommendations will be undertaken.

Transit System Asset (TAM) Condition Performance Measures and Targets

Table 4 lists a set of federally required infrastructure condition performance measures for transit systems along with BAT’s Performance Targets. These transit asset management (TAM) measures, which focus on a specific subset of all transit assets, were established in the FTA’s TAM Rule. Brockton Area Transit presented this information along with supporting documentation to the Old Colony MPO in September 2020. The Old Colony MPO has adopted BAT’s FY 2022 Brockton Area Transit Authority Transit Asset Management (TAM) State of Good Repair Targets in their entirety and as their own and for the Old Colony Region, in accordance with the certified 3C Transportation Planning Process. The Old Colony MPO will continue to assist BAT in striving towards achieving these targets through our project prioritization process and with our evaluation criteria, which considers asset condition an important factor in the selection process. Within the 2023-2027 Transit TIP, projects include the purchase of support vehicles and new buses (35’ & 40’). By purchasing the new support vehicles and buses, BAT will maintain their rolling stock in excellent condition and meet the performance targets within the TAM Plan.

**Table 4
Brockton Area Transit Authority Performance Measures and Targets**

Performance Targets by Asset Category						
Category	Class	Metric	Performance Target for FY 2022	Total Number of Vehicles	# of Vehicles that exceed ULB - FY 2021	% of Fleet that exceed ULB - FY 2021
Rolling Stock	Buses	X% of fleet that exceeds default ULB of 14	8.00%	46	1	2.17%
	Cutaway Buses	X% of fleet that exceeds default ULB of 10	25.00%	4	1	25.00%
	Vans	X% of fleet that exceeds default ULB of 8	13.00%	58	10	17.24%
Equipment	Non-Revenue Service Vehicle	X% of non-revenue service vehicles that exceeds default ULB of 8	35.00%	3	1	33.33%
	Non-Revenue Service Truck	X% of non-revenue service vehicles that exceeds default ULB of 8	40.00%	8	3	37.50%
Facilities	Admin/Maintenance Facility	X% of facilities rated under 3.0 on Term scale	0.00%	3	0	0.00%

FTA defines ULB as “the expected lifecycle of a capital asset for a particular transit provider’s operating environment, or the acceptable period of use in service for a particular transit provider’s operating environment.” For example, FTA’s default ULB value for a bus is 14 years. FTA’s Transit Economic Requirements Model (TERM) scale, which pertains to the facilities measure, is a rating system that describes asset condition. The scale values are 1 (poor), 2 (marginal), 3 (adequate), 4 (good), and 5 (excellent). Because each measure is intended to represent the share of transit assets that are not in a state of good repair, the goal is to minimize the value for all four measures. FTA grantees, including transit agencies and agency sponsors, such as MassDOT, are required to develop targets for these TAM measures each fiscal year. MPOs, in turn, are required to set targets for their regions. BAT submitted agency-level targets for state fiscal year (SFY) 2022 (July 2021 through June 2022) to the Old Colony MPO. Their targets

DRAFT FFY 2023-2027 OLD COLONY TRANSPORTATION IMPROVEMENT PROGRAM (TIP)

reflect the most recent data available on the number, age, and condition of their assets, and their expectations and capital investment plans for improving these assets during SFY 2022.

Public Transit Agency Safety Plan (PTASP) Performance Measures and Targets

The Public Transportation Agency Safety Plan (PTASP) details the safety processes and procedures for the Brockton Area Transit Authority (BAT). This plan utilizes existing agency safety practices and best practices to be implemented to meet the new regulation set in 49 CFR Part 673 of the federal guidelines and was provided to Old Colony Planning on September 15, 2020.

The PTASP includes formal documentation to guide the agency in initiative-taking safety management policy, safety risk management, safety assurance, and safety promotion. The goal is to provide management and labor a comprehensive, collaborative approach to managing safety. The plan includes the process and schedule for an annual review to evaluate the safety performance measures and update processes to continuously improve the organization's safety practices.

BAT has developed and approved performance targets based on the safety performance measures established under the National Public Transportation Safety Plan. The targets in Table 5 are based on the review of the previous five years of BAT's safety performance data.

Table 5
Brockton Area Transit Authority Safety Performance Measures and Targets

Safety Performance Targets							
Mode of Transit Service	Fatalities (Total)	Fatalities (Rate)	Injuries (Total)	Injuries (Rate)	Safety Events (Total)	Safety Events (Rate)	System Reliability (Miles between Major Failure)
Fixed Route	0	0	10	7.6	6	4.6	20,000
Demand Response	0	0	4	5.9	4	5.9	30,000

On November 17, 2020, the Old Colony MPO adopted BAT's Safety Performance Measures and Targets in their entirety and as their own and for the Old Colony Region, in accordance with the certified 3C Transportation Planning Process. The Old Colony MPO will continue to assist BAT in striving towards achieving these targets through our project prioritization process and with our evaluation criteria, which considers safety an important factor in the selection process. Similar to BAT's TAM Plan, new bus and support vehicle purchases included in the FFY 2023-2027 Transit TIP is also anticipated to help reach the safety targets listed in the PTASP. The new buses and support vehicles will replace the older vehicles and they are expected to be more reliable and safer on the roadways. In addition, the purchasing of support equipment and associated capital maintenance item will assist in the repair of the older vehicles.

1.3 Transportation Funding Programs

The major sources of TIP funding are the Federal Highway Administration (FHWA), Federal Transit Administration (FTA), and MassDOT. The United States Congress authorizes federal funding for these transportation projects through federal legislation. For highways and mass transportation, the most recent authorization was the Bipartisan Infrastructure Law (BIL) (2022). Federal funding received from BIL

is allocated to different funding programs. State funds are also a key component for transportation purposes.

Highway Funding Programs

- **National Highway Performance Program (NHPP)** provides support for the condition and performance of the National Highway System (NHS), for the construction of new facilities on the NHS, and to ensure that investments of Federal-aid funds in highway construction are directed to support progress toward the achievement of performance targets established in a state's asset management plan for the NHS.
- **National Freight Program (NFP) Program** provides funds for projects that improve efficient movement of freight on the National Highway Freight Network (NHFN).
- **Surface Transportation Block Grant Program (STBG)** provides flexible funding that may be used by States and localities for projects to preserve and improve the conditions and performance on any Federal-aid highway, bridge and tunnel projects on any public road, pedestrian and bicycle infrastructure, and transit capital projects, including intercity bus terminals.
- **Congestion Mitigation and Air Quality Improvement Program (CMAQ)** provides flexible funding for transportation projects and programs to help meet the requirements of the Clean Air Act.
- **Highway Safety Improvement Program (HSIP)** is a core Federal-aid program with the purpose to achieve a significant reduction in traffic fatalities and serious injuries on all public roads, including non-State-owned roads and roads on tribal land.
- **Transportation Alternatives Program (TAP)** provides funds for a variety of activities related to improving transportation assets, including on- and off-road pedestrian and bicycle facilities, environmental mitigation, and creating or improving recreational trails projects.
- **Bridge Replacement and Rehabilitation Program** provides funds for rehabilitation and replacement of any bridge on a public road. Bridges on the federal-aid system or off the federal-aid system are eligible for these funds.
- **Non-Federal Aid (NFA)** contains all projects not receiving federal funds. Various categories of state funding are included in this group such as bikeways, State Aid (Chapter 90), MassWorks, highway construction, and maintenance.

Transit Funding Programs

- **Section 5307** provides funds to urbanized areas and to governors for transit capital and operating assistance in urbanized areas and for transportation-related planning. An urbanized area is an incorporated area with a population of 50,000 or more that is designated as such by the U.S. Department of Commerce, Bureau of the Census.
- **Section 5310** provides funds to enhance the mobility for seniors and persons with disabilities by providing funds for programs to serve the special needs of transit-dependent populations beyond traditional public transportation services and Americans with Disabilities Act (ADA) complementary paratransit services.

- **Section 5311** provides capital, planning, and operating assistance to states to support public transportation in rural areas with populations of less than 50,000, where many residents often rely on public transit to reach their destinations.
- **Section 5339** provides funding to replace, rehabilitate and purchase buses and related equipment and to construct bus-related facilities including technological changes or innovations to modify low or no emission vehicles or facilities.
- **Community Transit Grant Program (CTGP)** awards funds to help meet the transportation and mobility needs of seniors and people with disabilities. The annual competitive program distributes Federal Transit Administration Section 5310: Enhanced Mobility of Seniors & Individuals with Disabilities funds and State Mobility Assistance Program (MAP) funds.

1.4 Public Participation, Coordination, and Consultation

Transportation planning is one component of the Continuing, Cooperative, and Comprehensive performance-based multimodal transportation planning process that includes land use/ growth management, housing, open space and recreation, economic development, historic preservation, and water quality. It is important that these potentially conflicting elements be consistent with one another to facilitate the efficient movement of people and goods in the region. The first step in obtaining consistency is the coordination and consultation with appropriate agencies and groups on existing projects. Each of the functional planning areas uses common land use, population and employment statistics, and forecasts.

An underlying principle of the metropolitan planning process is public participation, coordination, and consultation with agencies and groups. The FFY 2023-2027 Transportation Improvement Program was developed in accordance with the Public Participation Plan (PPP) for the Old Colony Region. The PPP defines a process for providing individuals, affected public agencies, representatives of public transportation employees, public ports, freight shippers, providers of freight transportation services, private providers of transportation (including intercity bus operators, employer-based commuting programs, such as carpool program, vanpool program, transit benefit program, parking cash-out program, shuttle program, or telework program), representatives of users of public transportation, representatives of users of pedestrian walkways and bicycle transportation facilities, representatives of the disabled, and other interested parties with reasonable opportunities to be involved in the metropolitan transportation planning process. The hybrid public participation process continued and utilized a virtual and digital mode. Meetings of the Joint Transportation Committee and the Metropolitan Planning Organization have continued via virtual meetings, dissemination of information via email, website, and newsletters has continued, and staff has remained reachable for questions and comments via telephone and email. Staff has also had some in person project specific meeting. Legal advertisements notifying the public of the availability of the Draft TIP and the ability to comment have continued.

Brockton Area Transit Authority, the FTA Section 5307(c) applicant, has consulted with the Old Colony Metropolitan Planning Organization and concurs that the public involvement process adopted by the MPO for development of the TIP satisfies the public hearing requirements that pertain to the development of the Program of Projects (POP) for the regular Section 5307, Urbanized Area Formula Program, grant applications including the provisions for public notice and the time established for public review and comment. The public discussion of the Transportation Improvement Program at Old Colony JTC, Old

DRAFT FFY 2023-2027 OLD COLONY TRANSPORTATION IMPROVEMENT PROGRAM (TIP)

Colony MPO, and transportation meetings satisfies the Program of Projects (POP) public hearing requirements of the Federal Transit Administration.

As such, Brockton Area Transit utilizes the Old Colony MPO's public participation process as its public participation process. The public discussion of the Transportation Improvement Program at Old Colony JTC, Old Colony MPO, and transportation meetings satisfies the Program of Projects (POP) public hearing requirements of the Federal Transit Administration.

Public participation in the TIP development process is welcomed and encouraged. The TIP is posted on the Old Colony Planning Council Website. The public can participate in the development of the TIP by attending meetings of the JTC, MPO, and OCPC, contacting the staff for information or individual meetings, reviewing, and commenting on draft TIPs. To ensure that there is equity in the distribution of transportation resources and that there is reasonable access to the planning process, the Old Colony MPO continually conducts Title VI and Environmental Justice planning for the Old Colony Region. The overall engagement methodology is described in the following sections.

The Old Colony MPO consults with agencies and officials responsible for other planning activities within the metropolitan planning area that are affected by transportation (including State and local planned growth, economic development, tourism, natural disaster risk reduction, environmental protection, airport operations, or freight movements) or coordinate its planning process (to the maximum extent practicable) with such planning activities.

Staff utilized a diverse methodology for coordination, consultation, and engaging the public to the maximum extent possible in the development of the TIP. The methodology is as follows:

- Old Colony Metropolitan Planning Organization - The MPO provided continual oversight of the TIP development and project programming and has the responsibility of ultimately endorsing the TIP. Monthly meetings took place on the third Tuesday of the month.
- Old Colony Joint Transportation Committee - Functioning as the advisory committee to the Old Colony MPO and Old Colony Planning Council, this committee assists with the identification of transportation deficiencies and provides regular input and review of TIP products. The Committee consists of superintendents and or directors of highway department of public works, town planners, engineers, etc.
- Old Colony Planning Council (OCPC) - The Old Colony Planning Council discusses the TIP development and provides both planning and policy guidance at regularly scheduled OCPC Board of Directors meetings.
- Transit Providers - MPO staff seeks input regarding transit needs and projects from the Brockton Area Transit Regional Transit Authority, Greater Attleboro-Taunton Regional Transit Authority (GATRA), MBTA, and the South Shore Community Action Council (SSCAC).
- Coordination and consultation activities - Coordination and consultation, and/or information dissemination activities take place with multiple agencies and groups. As such, these coordination and consultation activities may take place with: Brockton Area Transit, Cape Verdean Association of Brockton, Chief Elected Officials, Departments of Public Works and Highway Departments, Massachusetts Department of Transportation, Greater Attleboro Taunton Transit Authority, Massachusetts Department of Transportation District 5, MBTA, Metro South Chamber of

Commerce, NAACP, Plymouth and Brockton (P&B), Plymouth Area Chamber of Commerce, Plymouth County Development Council, South Shore Chamber of Commerce, and South Shore Community Action Council.

- Transportation Advisory Network (TAN) - The TAN Outreach Contact List consists of over 200 members. Members include chief elected officials, legislators, planning boards, Massachusetts Department of Transportation, Federal Highway Administration, Federal Transit Administration, transit providers, minority groups, city and town clerks, media outlets, and transportation officials. The objective is to provide continuing outreach to a wide network. Council staff provides announcements of product availability, upcoming events, and meetings associated with the TIP to the TAN. The TAN Outreach Contact List is shared with MassDOT-Office of Transportation Planning, and MassDOT-Office of Diversity and Civil Rights.
- Media Outlets - Staff utilizes media outlets to solicit public comment, advertise meetings, and advertise TIP availability. The media outlets are 95.9 WTD, the Brockton Enterprise, the Ojournal, and the Patriot Ledger.
- Copies of the Draft TIP are posted on the OCPC website and are provided upon request via email and direct mail. As such, reasonable access, and opportunities to review the Draft TIP are provided.
- 21-Day Public Review Period - During the public review period for the Draft TIP, copies are available, and their availability are advertised using multiple media outlets and the TAN. During the period, public meetings were held, and the staff was available to discuss the Draft TIP with the public upon request.

Environmental Justice and Social Equity

Environmental Justice (EJ) is an important part of the planning process and is considered in all phases of planning. A truly integrated and effective planning process actively considers and promotes environmental justice within projects and groups of projects, across the total plan, and in policy decisions. All reasonably foreseeable adverse social, economic, and environmental effects on minority populations and low-income populations must be identified and addressed. There are three fundamental Environmental Justice principles:

- To avoid, minimize, or mitigate disproportionately high and adverse human health or environmental effects, including social and economic effects, on minority populations and low-income populations.
- To ensure the full and fair participation by all potentially affected communities in the transportation decision-making process.
- To prevent the denial of, reduction in, or significant delay in the receipt of benefits by minority populations and low-income populations.

Public involvement is an integral part of transportation planning and project development decision-making. The U.S. DOT Order (5610.2) on Environmental Justice directs the provision for minority populations and low-income populations greater access to information on and opportunities for public participation in matters that may affect human health and the environment.

DRAFT FFY 2023-2027 OLD COLONY TRANSPORTATION IMPROVEMENT PROGRAM (TIP)

Effective public involvement in the planning process and the project-development process can alert State and local agencies about environmental justice concerns so that they do not result in surprises during the project-development stage. Continuous interaction between community members and transportation professionals is critical to successfully identify and resolve potential Environmental Justice concerns.

The Old Colony MPO has public-involvement procedures established that provide for consideration of Environmental Justice. These procedures provide an inclusive, representative, and equal opportunity for communication resulting in appropriate action that reflects this public involvement. Environmental Justice is considered in all aspects of planning and project decision-making, including the design of both the public-involvement plan and the proposed facility. Detailed information on these procedures is included in the Old Colony Public Participation available [for access here](#).

Environmental Justice Analysis asks whether a proposed action or plan causes disproportionately high and adverse effects on minority populations and low-income populations, and whether these populations are denied benefits. A framework of analysis that can determine how a proposed action or plan could differentially affect different populations is important. As such, an analysis of benefits and burdens is utilized. In addition, computer mapping of Environmental Justice Areas along with past, present, and future projects funded through the Transportation Improvement Program, available transit services and their associated walking times, commuter parking facilities, pavement conditions, high crash locations, areas of congestion are utilized to measure the distribution of funding (to ensure geographic equity), to determine priorities areas of need/ and or concern.

Examinations of potential benefits and burdens because of the implementation of the TIP were conducted. Examples of benefits considered were mobility, accessibility, infrastructure condition, environment, reliability, safety, security, load factors, efficiency, and consultation with riders in improving bus services to the transit dependent. While examples of burdens considered were: air, noise, and water pollution and soil contamination, destruction or disruption of community cohesion or a community's economic vitality, destruction or disruption of the availability of public and private facilities and services, adverse employment effects, displacement of persons, businesses, farms, or nonprofit organizations, increased traffic congestion, isolation, exclusion, or separation of minority or low-income individuals within a given community or from the broader community, and the denial of, reduction in, or significant delay in the receipt of, benefits of programs, policies, or activities.

An assessment of the benefits and burdens of the Transportation Improvement Program was completed to identify all regionally significant projects constructed and/or programmed in the Old Colony Transportation Improvement Program during the period of 2003 - 2026. Constructed projects funded through the TIP were included to provide a benchmark of investments. The constructed projects were compiled and then the staff analyzed the location of these improvements relative to Environmental Justice Communities. Environmental Justice Communities in the Old Colony MPO Region are Brockton, Easton, Plymouth, Stoughton, and Whitman.

For the purposes of identifying these communities, the staff utilized the MassGIS Environmental Justice GIS Shape file. Polygons in the Environmental Justice Populations layer represent neighborhoods across the state with high minority, non-English speaking, low-income, and foreign-born populations. Specifically, a community is identified as an Environmental Justice Community if any the following are true within that community:

DRAFT FFY 2023-2027 OLD COLONY TRANSPORTATION IMPROVEMENT PROGRAM (TIP)

- Contains a Block group whose annual Median Household Income is equal to or less than 65 percent of the Massachusetts Median Household Income of \$85,843 (\$56,220 in 2019); or
- 25% or more of the residents identify as a race other than white; or
- 25% or more of households have no one over the age of 14 who speaks English only or very well - English Isolation.

Regionally, it was determined that 69.2 percent of the identified improvement projects, representing approximately 68.6 percent of the identified investment dollars on the FFY 2023-2027 TIP are in EJ communities. These percentages exceed the 35.0 percent of the region’s population identified as living in EJ communities. Non-mappable projects, such as transit vehicle replacements or rehabilitations, bridge, and roadway repair line items for future projects to be defined, and other non-location-specific projects are not included in this analysis. Moreover, many of the projects that are not located directly within an EJ community are projects of key regional significance, such as interstate highway improvements. These improvements benefit the region, and provide access to many key employment centers, including downtown Brockton and regional commercial and employment destinations.

**Table 6
Investment Value of TIP Projects 2023-2027 (Projects Planned)**

Type	Population Represented in EJ Communities (2020)	Percent Population Represented	TIP Project Investment	Percentage of Projects by Total Investment (\$)
Within EJ Communities	137,634	35.0%	\$47,275,501	68.6%
Outside EJ Communities	255,615	65.0%	\$21,673,354	31.4%
Totals	393,249	100.0%	\$68,948,855	100%

The Old Colony MPO undertook further analysis to determine the level of investments during the period of 2003-2022 through previous Transportation Improvement Programs. From that analysis, it was concluded that 58.9 percent of the identified improvement projects, representing approximately 62.1 percent of the identified investment dollars allocated during the TIP years of 2003-2022 are in EJ communities. These percentages exceed the 35.0 percent of the region’s population identified as living in EJ communities.

Table 7

Investment Value of TIP Projects 2003 - 2022 (Projects Implemented)

Type	Population Represented in EJ Communities (2020)	Percent Population Represented	TIP Project Investment	Percentage of Projects by Total Investment (\$)
Within EJ Communities	137,634	35.0%	\$163,553,494	62.1%
Outside EJ Communities	255,615	65.0%	\$99,987,231	37.9%
Totals	393,249	100.0%	\$263,540,725	100%

The first step towards understanding the profile of individuals that could participate in the transportation planning process and reside in community that is a recipient of TIP project funding is a review of U.S Census data. Table 8 displays the number of individuals who are Limited English Proficient (LEP). For our planning purposes, we are considering people that speak English “not well” or “not at all.”

Table 8, derived from the 2018 US Census American Community Survey, shows the number and percent of persons who are five (5) and older, regarding their English language skills, for the communities within the MPO area and several adjacent municipalities. It should be noted that the U.S. Census has changed how it collects data on the number of LEP individuals in each area. In years past, the U.S. Census collected LEP data down to the census block level, but due to privacy concerns, the U.S. Census no longer gets as granular in its LEP data collection efforts. In the case of the Old Colony Region, LEP data is collected on the community level, and with some communities, LEP information is provided only on a multi-community level.

As seen in the Table 8, approximately 9% of the MPO area population is not proficient in English. The highest concentration of LEP individuals is in the community grouping of Duxbury, Kingston, Marshfield, Plymouth, and Situate at 18%. While the combined communities of Avon, Brockton, and Stoughton have the second concentration of LEP persons at 17% and receive 43% of the projects in FFY 2023-2027 TIP.

**Table 8
Investment Value of TIP Projects and Limited English Proficient (LEP) 2012-2027 (Projects Planned)**

Community Grouping	2018 Population of 5 Years or Older	Number of LEP Persons	Percentage of LEP Persons	Number of TIP Projects, 2012 through 2027	Percentage of Total Projects	TIP Project Expenditures, 2012 through 2027 (\$)
Avon, Brockton, and Stoughton	120,300	20,882	17%	19	45%	\$87,096,105
Abington, Bridgewater, East Bridgewater, Easton, Rockland, Whitman, and West Bridgewater	115,811	2,869	2%	12	29%	\$51,867,658
Halifax, Hanover, Hanson, Pembroke, and Plympton	106,948	1,121	1%	7	17%	\$38,224,364
Duxbury, Kingston, Marshfield, Plymouth, and Scituate	87,514	15,781	18%	4	10%	\$23,076,279
Totals	430,573	40,653	9%	42	100%	\$200,264,405

Analysis does not include Bridge Projects or Limited Access Highway Projects

LEP Source: 2018 ACS 5 year B16001 LEP Languages

From the examination of benefits and burdens, it is the determination that no projects implemented because of the TIP will result in adverse impacts to the Environmental Justice Areas in the Old Colony region.

As such, from the review, it may be concluded from the public investment and involvement in the regional transportation planning process and the resultant FFY 2023-2027 Transportation Improvement Program and previous TIPs (dating back to 2003) demonstrate that the benefits of the regional transportation planning process are afforded equitably to both EJ and Non-EJ communities. Given this equitable distribution and investment, it is finding of the Old Colony MPO that the Low-income and minority populations are not disproportionately impacted and are beneficiaries of the transportation planning process and project implementation in the Old Colony Region.

As such, the Old Colony MPO continues to collaborate with our regional partners in the advancement of environmental justice principles throughout the regional planning process. Such analyses will be conducted annually and included in the endorsed TIP.

2. HIGHWAY AND BRIDGE PROJECT LISTING BY COMMUNITY

2.1 Prioritization and Transportation Evaluation Criteria

Several factors are considered when developing the prioritization and programming of TIP projects. They include:

- Financial feasibility of project
- Local and regional support for the project
- Need for project to be implemented (safety, congestion, etc.)

- Project has been derived from the Management Systems (Congestion, Safety, and Pavement)
- Project has Project Review Committee (PRC) approval and/or a MassDOT ID
- Project must have reasonable progress in design, permitting, and right-of-way, etc., to ensure that the project can be implemented in the active year
- Project implementation will assist with making progress towards achievement of adopted performance measures and targets
- Results of Annual TIP Readiness Day
- Results of Transportation Evaluation Criteria

Transportation Evaluation Criteria (TEC)

With transparency and reasonableness in mind, in 2004, the Old Colony MPO began utilizing TIP project transportation evaluation criteria to inform the process of evaluating and selecting projects for programming in the TIP. The transportation evaluation criteria are a means of assisting decision makers in the programming projects that will help the region attain the visions established by the Old Colony MPO, which includes, to maintain a state of good repair, focus investments on existing activity centers, improve mobility for people and freight, reduce the level of greenhouse gas emissions, minimize environmental burdens from transportation facilities on low-income and minority populations, and provide safe transportation for all modes. Projects with components and outcomes that help attain the goals of the Old Colony MPO receive higher scores.

Evaluation of Projects

The Transportation Evaluation Criteria utilized for the FFY 2025-2025 Transportation Improvement Program are included in Appendix H. The scoring results of the Transportation Evaluation Criteria are included with the applicable projects listed in the Universe of Projects provided in Table 9. System reliability projects such as preservation projects on limited access highways or transit state of good repair projects are not evaluated, as they are required projects identified through asset management systems.

The TIP projects are evaluated and are scored in six of the seven criteria categories: (Condition, Mobility, Safety, Community Effects and support, Land Use and Economic Development, and Environmental Effects) on a scale of +3 to –3. The cost effectiveness category is not scored to mitigate concerns regarding equity among urban, suburban, and rural projects.

In general, this step scores the impact the evaluated project will have on each of the six criteria. The proposed rating scale is as follows:

- A score of +3 is highly beneficial,
- A score of zero is neutral or not applicable,
- A score of –3 is highly detrimental.

The category scores for a project are then combined into an overall score of between +18 and –18, and the scores are then converted to a 100-point scale.

The Old Colony MPO considers whether a project's implementation will assist in making progress towards achievement of adopted performance measures and targets and utilizes evaluation criteria ratings and project readiness information to prepare a First-Tier List of Projects. This is a list of the projects with the highest ratings that could be made ready for advertising within the TIP's time horizon (next four federal fiscal years). The staff relies on the MassDOT Highway Division to provide information about what year a

DRAFT FFY 2023-2027 OLD COLONY TRANSPORTATION IMPROVEMENT PROGRAM (TIP)

project would be ready for advertising. In developing the recommendation for the draft TIP, the staff strongly considers the First-Tier List of Projects. The Old Colony MPO staff also factors in projects that are listed in the Long-Range Transportation Plan to implement the LRTP, considers geographic and social equity to help ensure that the list of projects addresses needs throughout the region, and accounts for cost to comply with fiscal constraint.

2.2 Universe of Projects and Geographic Distribution of Projects

The following is a listing of projects ranked, from high to low, by Transportation Evaluation Criteria Score. The Program Year refers to which year the project is programmed or if it is not programmed.

**Table 9
Universe of Projects**

PROJECT LOCATION AND DESCRIPTION	PROJECT ID#	PROGRAM YEAR	TEC SCORE
BROCKTON - INTERSECTION IMPROVEMENTS AT ROUTE 123 (BELMONT STREET), PEARL STREET AND STONEHILL STREET	612262	NOT PROGRAMMED	60.61
BROCKTON - IMPROVEMENTS ON FOREST AVENUE, FROM WEST STREET TO BREER STREET	612526	NOT PROGRAMMED	53.67
EASTON - RECONSTRUCTION AND RELATED WORK ON ROUTES 138 AND 123, FROM BELMONT STREET TO DEPOT STREET	612617	NOT PROGRAMMED	52.50
STOUGHTON - CORRIDOR IMPROVEMENTS ON ROUTE 138	607403	2023 - ADVANCE CONSTRUCTION PHASES 1 OF 2	51.78
STOUGHTON - CORRIDOR IMPROVEMENTS ON ROUTE 138	607403	2024 - ADVANCE CONSTRUCTION PHASE 2 OF 2	51.78
AVON - INTERSECTION IMPROVEMENTS AT ROUTE 28, SPRING STREET AND HARRISON BOULEVARD	611979	NOT PROGRAMMED	51.06
BROCKTON - IMPROVEMENTS AND RELATED WORK ON CRESCENT STREET (ROUTE 27), INCLUDING REPLACEMENT OF GROVE STREET BRIDGE, B-25-005, OVER SALISBURY PLAIN RIVER	607818	2025	50.39
AVON - CORRIDOR IMPROVEMENTS ON ROUTE 28	610804	NOT PROGRAMMED	49.22
BROCKTON - INTERSECTION IMPROVEMENTS AND RELATED WORK AT CENTRE STREET (ROUTE 123), CARY STREET AND LYMAN STREET	609410	2023	48.89
ABINGTON - INTERSECTION IMPROVEMENTS, RANDOLPH STREET AND RICHARD A FITTS DRIVE (ROUTE 139) AT CHESTNUT STREET AND OLD RANDOLPH STREET	612525	NOT PROGRAMMED	47.44
EAST BRIDGEWATER - INTERSECTION IMPROVEMENTS AT BEDFORD STREET (ROUTE 18), WEST STREET (ROUTE 106) AND EAST STREET	611968	NOT PROGRAMMED	47
BROCKTON - INTERSECTION IMPROVEMENTS @ CRESCENT STREET (ROUTE 27)/ QUINCY STREET/ MASSASOIT BOULEVARD	606143	2027	45.83
BROCKTON - ABINGTON - PEDESTRIAN AND BICYCLE IMPROVEMENTS ON ROUTE 123	609520	NOT PROGRAMMED	44.72
PEMBROKE - INTERSECTION IMPROVEMENTS AT WASHINGTON STREET AND SCHOOSSETT STREET	611978	NOT PROGRAMMED	44.72

DRAFT FFY 2023-2027 OLD COLONY TRANSPORTATION IMPROVEMENT PROGRAM (TIP)

STOUGHTON - INTERSECTION IMPROVEMENTS AT CANTON STREET (ROUTE 27), SCHOOL STREET AND SUMMER STREET	611981	NOT PROGRAMMED	44.67
BROCKTON - ROUTE 123 (CENTRE STREET) AT PLYMOUTH STREET SIGNALIZATION AND GEOMETRIC IMPROVEMENTS	609052	2024	44.06
STOUGHTON - INTERSECTION IMPROVEMENTS AND RELATED WORK AT CENTRAL STREET, CANTON STREET AND TOSCA DRIVE	608279	2023	43.22
EASTON - CORRIDOR IMPROVEMENTS ON ROUTE 138 INCLUDING INTERSECTION IMPROVEMENTS AT ROUTE 138 (WASHINGTON STREET) AND ELM STREET	608195	2025	42.89
EAST BRIDGEWATER - INTERSECTION IMPROVEMENTS AT HIGHLAND STREET AND NORTH BEDFORD STREET (ROUTE 18)	611976	NOT PROGRAMMED	41.44
ABINGTON - INTERSECTION IMPROVEMENTS AT HANCOCK STREET AND CHESTNUT STREET	609440	2026	41.06
EASTON - IMPROVEMENTS ON FOUNDRY STREET (ROUTE 106/123)	612269	NOT PROGRAMMED	40.5
STOUGHTON - RECONSTRUCTION OF TURNPIKE STREET	607214	NOT PROGRAMMED	38.89
EASTON - RESURFACING AND RELATED WORK ON ROUTE 138 (ROOSEVELT CIRCLE TO STOUGHTON TOWN LINE (EXCLUDING THE SECTION FROM ELM STREET TO UNION STREET))	608585	NOT PROGRAMMED	38.72
DUXBURY - SIGNAL INSTALLATION @ ROUTE 3 (NB & SB) RAMPS & ROUTE 3A (TREMONT STREET)	606002	2026	38.22
HANSON - CORRIDOR IMPROVEMENTS ON ROUTE 14 (MAQUAN STREET), FROM THE PEMBROKE T.L. TO INDIAN HEAD STREET AND RELATED WORK	608506	2026 - ADVANCE CONSTRUCTION PHASE 1 OF 2	38.22
HANSON - CORRIDOR IMPROVEMENTS ON ROUTE 14 (MAQUAN STREET), FROM THE PEMBROKE T.L. TO INDIAN HEAD STREET AND RELATED WORK	608506	2027 - ADVANCE PHASE 2 OF 2	38.22
BROCKTON - SYSTEMIC COUNTERMEASURES/ SAFE SYSTEMS IMPLEMENTATION CITY-WIDE	512638	2024	TBD
DUXBURY - BRIDGE REPLACEMENT, D-14-003 (438), POWDER POINT AVENUE OVER DUXBURY BAY	612006	NOT PROGRAMMED	NOT APPLICABLE
KINGSTON - BRIDGE REPLACEMENT, K-01-014, SMITHS LANE OVER ROUTE 3 (PILGRIM HIGHWAY)	608615	NOT PROGRAMMED	NOT APPLICABLE
PLYMPTON - BRIDGE REPLACEMENT, WINNETUXET ROAD OVER WINNETUXET RIVER	609435	2024	NOT APPLICABLE
BROCKTON AREA TRANSIT AUTHORITY (BAT) - ACQUIRE REPLACEMENT <30 FT BUS DIAL-A-BAT (7)		PROJECT NEED FOR EACH YEAR 2023-2027	NOT APPLICABLE
BROCKTON AREA TRANSIT AUTHORITY (BAT) - ACQUIRE REPLACEMENT VAN COUNCILS ON AGING (3)		PROJECT NEED FOR EACH YEAR 2023-2027	NOT APPLICABLE
OCPC AREA AGENCY ON AGING (AAA) - VOLUNTEER TRANSPORTATION PROGRAM (VTP)		PROJECT NEED FOR EACH YEAR 2023-2027	NOT APPLICABLE
SOUTH SHORE COMMUNITY ACTION COUNCIL (SSCAC) - ACQUIRE REPLACEMENT <30 FT VEHICLES (7)		PROJECT NEED FOR EACH YEAR 2023-2027	NOT APPLICABLE

DRAFT FFY 2023-2027 OLD COLONY TRANSPORTATION IMPROVEMENT PROGRAM (TIP)

Geographic Distribution and Equity Analysis of Projects

The Old Colony MPO monitors the geographic distribution of TIP projects over time. Table 8 provides the distribution of TIP projects from 2012 through 2027. To assist with providing context to the distribution, included in the table is 2020 Population and 2019 Median Household Income.

From an examination of the distribution of TIP projects from 2012 through 2027, the following observations may be made:

- There are higher concentrations of projects within the more populated urban areas (i.e., Brockton at 33.3 percent of all projects). Such concentrations tend to follow areas with elevated levels of congestion, bicycle and pedestrian activity, and crash clusters.
- The towns of Easton (11.9%), Pembroke (11.9%), Plymouth (7.1%), and Stoughton (7.1%) also had higher concentration of projects. A potential explanation for such a trend is that these populous communities feature proximity to limited access highways, commuter rail, and academic institutions of higher learning. Such features, while beneficial in many respects, also lead to higher pedestrian, bicyclist and vehicle trips, and the need for additional multimodal and infrastructure.
- Regarding equity, it is observed that Brockton, with 71% Title VI Minority Population, had 33.3% of the TIP projects of the 2012-2027 span, while Stoughton with 38% Title VI Minority Population, had 7.1% of the projects during the same time.

Table 10
Geographic Distribution and Equity Analysis of Projects

Community	2020 Population	2020 Title VI Minority Population	Percent Title VI Minority	Median Household Income, 2019	TIP Projects, 2012 through 2027	Percentage of Total Projects	TIP Project Expenditures, 2012 through 2027 (\$)	Per Capita Expenditure (\$)
Abington	17,062	2,910	17%	\$99,381	2	4.8%	\$6,593,573	\$386.45
Avon	4,777	1,685	35%	\$85,200	2	4.8%	\$18,461,881	\$3,864.74
Bridgewater	28,633	4,997	17%	\$95,675	1	2.4%	\$1,486,453	\$51.91
Brockton	105,643	74,569	71%	\$58,469	14	33.3%	\$48,191,717	\$456.18
Duxbury	16,090	1,081	7%	\$128,173	1	2.4%	\$2,688,000	\$167.06
East Bridgewater	14,440	1,560	11%	\$90,528	1	2.4%	\$7,763,091	\$537.61
Easton	25,058	4,025	16%	\$112,268	5	11.9%	\$22,418,447	\$894.66
Halifax	7,749	519	7%	\$92,774	0	0.0%	\$0	\$0.00
Hanover	14,833	1,140	8%	\$127,981	0	0.0%	\$0	\$0.00
Hanson	10,639	844	8%	\$96,693	1	2.4%	\$11,548,342	\$1,085.47
Kingston	13,708	1,069	8%	\$96,104	0	0.0%	\$0	\$0.00
Pembroke	18,361	1,285	7%	\$103,905	5	11.9%	\$24,613,677	\$1,340.54
Plymouth	61,217	6,673	11%	\$90,279	3	7.1%	\$20,388,279	\$333.05
Plympton	2,930	162	6%	\$94,167	1	2.4%	\$2,062,345	\$703.87
Stoughton	29,281	11,088	38%	\$83,519	3	7.1%	\$20,442,506	\$698.15
West Bridgewater	7,707	968	13%	\$97,404	2	4.8%	\$7,615,278	\$988.10
Whitman	15,121	1,969	13%	\$86,570	1	2.4%	\$5,990,816	\$396.19
Totals	393,249	116,544	30%		42	100.0%	\$200,264,405	\$509

Analysis does not include Limited Access Highway Projects

The following project spans multiple communities

**Abington and Brockton - North Quincy Street at Chestnut Street and Boundary Avenue Roundabout*

3. TIP - FEDERAL REQUIREMENTS AND PROJECT LISTS

3.1 Endorsements of the FFY 2023-2027 Old Colony TIP, Self-Compliance Statements of the Comprehensive, Continuing, Cooperative Transportation Planning Process, and Self Compliance Statements of the 310 CMR 60.05: Global Warming Solutions Act Requirements for the Transportation Sector and the Massachusetts Department of Transportation

The Unified Planning Work Program, Long Range Transportation Plan, and Transportation Improvement Program, together with any amendments, were developed in accordance with FHWA and FTA regulations governing the implementation of the Fixing America’s Surface Transportation Act (FAST Act), EPA regulations governing the implementation of the Clean Air Act Amendments of 1990, and fully incorporates the applicable requirements of the 1964 Civil Rights Act and the Americans with Disabilities Act of 1990. From certification reviews conducted in 2006, 2011, 2016, and 2019 the FHWA and FTA have determined that the transportation planning process of the MPO substantially meets the requirements of the Metropolitan Planning Rule 23 CFR Part 450 Subpart C and 49 CFR Part 613. In addition, FHWA and FTA have jointly certified the transportation planning process.

Endorsement of FFY 2023-2027 Old Colony TIP is provided in Appendix A.

Self-Compliance Statements of the Metropolitan Transportation Planning Process is provided in Appendix B.

Self-Compliance Statements of the 310 CMR 60.05: Global Warming Solutions Act Requirements for the Transportation Sector and the Massachusetts Department of Transportation is provided in Appendix C.

3.2 Procedures for Amendments and Administrative Modifications

The TIP is a “living” document and is likely to be modified during the year. The definitions and procedures outlined in this section are followed when project-based revisions to the TIP are necessary (Detailed TIP Project Revision and Definition Procedures are included in Appendix N).

TIP Amendment

A revision to the Transportation Improvement Program that requires public review and demonstration of financial constraint. The public process for a TIP amendment requires a publicly advertised 21-day public comment period and for the MPO to address any public commentary prior to endorsement. The Old Colony MPO, at their discretion, may vote to abbreviate the public comment period under what they consider extraordinary circumstances beyond the MPO’s control. TIP Amendments are prompted by the major change(s) in a project.

TIP Adjustment

A revision to the STIP that is does not require a public process, but that is required to be included in a TIP action with a demonstration of financial constraint for FHWA/FTA approval.

TIP Administrative Modification

A revision to the TIP that is minor enough in nature to require neither a public process nor FHWA/FTA approval, but that does involve a notification to federal partners.

3.3 Financial Summary, Targets, and Fiscal Constraint Analysis

The Massachusetts Department of Transportation Office of Transportation Planning, in consultation with the Regional Planning Agencies and utilizing the Massachusetts Association of Regional Planning Agencies (MARPA) Formula, provides each region with yearly-targeted federal funding levels with state match for highway and bridge projects, and separate yearly targets for projects that qualify for Congestion Mitigation Air Quality funds, Highway Safety Improvement Program (HSIP) funds, and Transportation Alternative Program funds. These Funding Targets are in Appendix G. The anticipated funds, programmed funds, unprogrammed funds and fiscal constraint analysis is summarized below in Table 11. The Summary of Regional Funding Categories in Table 13 provides specifics on fund amount by funding category.

**Table 11
Funding Totals of Programmed Highway and Bridge Projects, and Fiscal Constraint Analysis**

Fiscal Year	Total of Anticipated Funds (Bridge Funds, Regional Targets, and Statewide Funds)	Total of Programmed Funds	Total of Unprogrammed Funds (Fiscal Constraint Analysis)
2023	\$13,683,676	\$13,683,676	\$0
2024	\$23,000,305	\$13,167,402	\$9,832,903
2025	\$13,628,242	\$11,519,302	\$2,108,940
2026	\$17,494,825	\$17,494,825	(\$0)
2027	\$14,012,127	\$12,465,112	\$1,547,015
Totals	\$81,819,175	\$68,330,317	\$13,488,858

Programmed amount includes projects funded with regional target funds and statewide funds (FFYs 2024 and 2026)

**Table 12
Funding Totals of Programmed Transit Projects, and Fiscal Constraint Analysis – To be updated**

Fiscal Year	Total of Anticipated Funds (Federal, State, and Local Funds)	Total of Programmed Funds	Total of Unprogrammed Funds (Fiscal Constraint Analysis)
2023	\$0	\$0	\$0
2024	\$0	\$0	\$0
2025	\$0	\$0	\$0
2026	\$0	\$0	\$0
2027	\$0	\$0	\$0
Totals	\$0	\$0	\$0

Programmed amount include state funds

The Transportation Improvement Program is financially constrained according to the definition in the 23 CFR Part 450.324. Project costs programmed in the TIP are expressed in Year of Expenditure (YOE) dollars. The cost inflation factor utilized is increased 4% annually (e.g., 2024 at 4%; 2024 at 8%; 2026 at 12%, and 2027 at 16%). The projects programmed do not exceed the funding estimates of federal and state funds available in each of these fiscal years. Additionally, the transit projects programmed in the TIP are

financially constrained to available resources and they have been reviewed and approved for programming by MassDOT Rail & Transit, and the MassDOT Office of Transportation Planning.

The financial plans in Tables 11 and 12 demonstrate fiscal constraint, and reflect the emphasis on the maintenance and operation, and state of good repair for the highway, bridge, and transit system. In addition, a fiscal constraint analysis is included on each of the highway program programming tables. Only highway, bridge, and transit projects for which funds can be reasonably expected have been included in the financially constrained TIP.

DRAFT FFY 2023-2027 OLD COLONY TRANSPORTATION IMPROVEMENT PROGRAM (TIP)

3.4 Summary of Regional Funding Categories (FFY 2023-2027) - To be updated

**Table 13
Summary of Funding Categories (FFY 2023-2027)**

Funding Category	2023	2024	2025	2026	2027	Total
NHPP						\$0
SRTS						\$0
STATEWIDE CMAQ						\$0
STATEWIDE HSIP		\$3,074,203				\$3,074,203
STATEWIDE SAFETY		\$4,000,000				\$4,000,000
STATEWIDE STBG				\$4,200,000		\$4,200,000
STBG-BR-Off		\$2,062,345				\$2,062,345
STBG	\$13,683,676	\$4,030,854	\$11,519,302	\$13,294,825	\$12,465,112	\$54,993,769
CMAQ						\$0
HSIP						\$0
TAP						\$0
Subtotal FHWA/ State	\$13,683,676	\$13,167,402	\$11,519,302	\$17,494,825	\$12,465,112	\$68,330,317
5307 - Operating/ PM/ ADA						\$0
5307 - Capital						\$0
Carryover						\$0
5310						\$0
5339						\$0
State						\$0
Local						\$0
TDC						\$0
Subtotal FTA/ State/ Local	\$0	\$0	\$0	\$0	\$0	\$0
Grand Total	\$13,683,676	\$13,167,402	\$11,519,302	\$17,494,825	\$12,465,112	\$68,330,317
Statewide CMAQ amounts represent the specific projects.						
Bridge amounts represent specific projects.						



2023 Old Colony Region STIP Investments Report

STIP: 2023 - 2027 (D)

Program	MassDOT Project ID	MPO	Municipality	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Other Information
Federal Fiscal										
Section 1A / Regionally Prioritized Projects							\$13,683,676	\$10,946,941	\$2,736,735	
Roadway Reconstruction	607403	Old Colony	Stoughton	STOUGHTON- CORRIDOR IMPROVEMENTS ON ROUTE 138	5	STBG	\$9,264,000	\$7,411,200	\$1,852,800	a) Construction; b) Total Project Cost = \$11,043,767 - STBG; c) Advance Construction Phase 1 of 2; d) MPO score 51.78; i) Status 25% Design
Intersection Improvements	608279	Old Colony	Stoughton	STOUGHTON- INTERSECTION IMPROVEMENTS AND RELATED WORK AT CENTRAL STREET, CANTON STREET AND TOSCA DRIVE	5	STBG	\$4,419,676	\$3,535,741	\$883,935	a) Construction; b) Total Project Cost = \$4,419,676 - STBG; d) MPO score 43.22; i) Status 100% Design
STBG Programmed							\$13,683,676	\$10,946,941	\$2,736,735	
Total Programmed for Old Colony Region Projects*							\$13,683,676	\$10,946,941	\$2,736,735	
Program Target for Old Colony Region Projects							\$13,683,676	\$10,946,941	\$2,736,735	
Target Funds Available for Old Colony Region Projects							\$0	\$0	\$0	
Old Colony Region Total Program Summary							\$13,683,676	\$10,946,941	\$2,736,735	



2024 Old Colony Region STIP Investments Report

STIP: 2023 - 2027 (D)

Program	MassDOT Project ID	MPO	Municipality	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Other Information
Federal Fiscal										
Section 1A / Regionally Prioritized Projects							\$4,030,854	\$3,224,683	\$806,171	
Roadway Reconstruction	607403	Old Colony	Stoughton	STOUGHTON- CORRIDOR IMPROVEMENTS ON ROUTE 138	5	STBG	\$1,779,767	\$1,423,814	\$355,953	a) Construction; b) Total Project Cost = \$11,043,767 - STBG; c) Advance Construction Phase 1 of 2; d) MPO score 51.78; i) Status 25% Design
Intersection Improvements	609052	Old Colony	Brockton	BROCKTON- INTERSECTION IMPROVEMENTS AT CENTRE STREET (ROUTE 123) AND PLYMOUTH STREET	5	STBG	\$2,251,087	\$1,800,870	\$450,217	a) Construction; b) Total Project Cost = \$2,251,087 - STBG; d) MPO score 44.06; i) Status 2% Design
STBG Programmed							\$4,030,854	\$3,224,683	\$806,171	
Total Programmed for Old Colony Region Projects*							\$4,030,854	\$3,224,683	\$806,171	
Program Target for Old Colony Region Projects							\$13,863,758	\$11,091,006	\$2,772,752	
Target Funds Available for Old Colony Region Projects							\$9,832,904	\$7,866,323	\$1,966,581	
Section 2A / State Prioritized Reliability Projects							\$6,062,345	\$5,249,876	\$812,469	
Bridge Off-system	609435	Old Colony	Plympton	PLYMPTON- BRIDGE REPLACEMENT, P-14-001 (445), WINNETUXET ROAD OVER WINNETUXET RIVER	5	STBG-BR-Off	\$2,062,345	\$1,649,876	\$412,469	
Safety Improvements	S12638	Old Colony		BROCKTON- SYSTEMIC COUNTERMEASURES/SAFE SYSTEMS IMPLEMENTATION CITY-WIDE		HSIP	\$4,000,000	\$3,600,000	\$400,000	
Section 2B / State Prioritized Modernization Projects							\$3,074,203	\$2,766,783	\$307,420	
Intersection Improvements	609410	Old Colony	Brockton	BROCKTON- INTERSECTION IMPROVEMENTS AND RELATED WORK AT CENTRE STREET (ROUTE 123), CARY STREET AND LYMAN STREET	5	HSIP	\$3,074,203	\$2,766,783	\$307,420	
Old Colony Region Total Program Summary							\$13,167,402	\$11,241,342	\$1,926,060	



2025 Old Colony Region STIP Investments Report

STIP: 2023 - 2027 (D)

Program	MassDOT Project ID	MPO	Municipality	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Other Information
Federal Fiscal Year										
Section 1A / Regionally Prioritized Projects							\$11,519,302	\$9,215,442	\$2,303,860	
Intersection Improvements	607818	Old Colony	Brockton	BROCKTON- INTERSECTION IMPROVEMENTS AT LYMAN STREET/GROVE STREET/SUMMER STREET & REPLACEMENT OF GROVE STREET BRIDGE, B-25-005, OVER SALISBURY PLAIN RIVER	5	STBG	\$4,536,000	\$3,628,800	\$907,200	a) Construction; b) Total Project Cost = \$4,536,000 - STBG; d) MPO score 50.39; i) Status 2% Design
Intersection Improvements	608195	Old Colony	Easton	EASTON- CORRIDOR IMPROVEMENTS ON ROUTE 138 INCLUDING INTERSECTION IMPROVEMENTS AT ROUTE 138 (WASHINGTON STREET) AND ELM STREET	5	STBG	\$6,983,302	\$5,586,642	\$1,396,660	a) Construction; b) Total Project Cost = \$6,983,302 - STBG; d) MPO score 42.89; i) Status 2% Design
STBG Programmed							\$11,519,302	\$9,215,442	\$2,303,860	
Total Programmed for Old Colony Region Projects*							\$11,519,302	\$9,215,442	\$2,303,860	
Program Target for Old Colony Region Projects							\$13,628,243	\$10,902,594	\$2,725,649	
Target Funds Available for Old Colony Region Projects							\$2,108,941	\$1,687,152	\$421,789	
Old Colony Region Total Program Summary							\$11,519,302	\$9,215,442	\$2,303,860	



2026 Old Colony Region STIP Investments Report

STIP: 2023 - 2027 (D)

Program	MassDOT Project ID	MPO	Municipality	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Other Information
Federal Fiscal Year										
Section 1A / Regionally Prioritized Projects							\$13,294,825	\$10,635,860	\$2,658,965	
Intersection Improvements	606002	Old Colony	Duxbury	DUXBURY- SIGNAL INSTALLATION @ ROUTE 3 (NB & SB) RAMPS & ROUTE 3A (TREMONT STREET)	5	STBG	\$2,688,000	\$2,150,400	\$537,600	a) Construction; b) Total Project Cost = \$2,688,000 - STBG; d) MPO score 38.22; i) Status Pre-25% Design
Roadway Reconstruction	608506	Old Colony	Hanson	HANSON- CORRIDOR IMPROVEMENTS ON ROUTE 14 (MAQUAN STREET), FROM THE PEMBROKE T.L. TO INDIAN HEAD STREET AND RELATED WORK	5	STBG	\$5,232,158	\$4,185,726	\$1,046,432	a) Construction; b) Total Project Cost = 1,548,342 - STBG; d) MPO score 38.22; i) Status 25% Design
Intersection Improvements	609440	Old Colony	Abington	ABINGTON- INTERSECTION IMPROVEMENTS AT HANCOCK STREET AND CHESTNUT STREET	5	STBG	\$5,374,667	\$4,299,734	\$1,074,933	a) Construction; b) Total Project Cost = \$5,374,672 - STBG; d) MPO score 41.06; i) Status 25% Design
STBG Programmed							\$13,294,825	\$10,635,860	\$2,658,965	
Total Programmed for Old Colony Region Projects*							\$13,294,825	\$10,635,860	\$2,658,965	
Program Target for Old Colony Region Projects							\$13,294,825	\$10,635,860	\$2,658,965	
Target Funds Available for Old Colony Region Projects							\$0	\$0	\$0	
Section 2B / State Prioritized Modernization Projects							\$4,200,000	\$3,780,000	\$420,000	
Intersection Improvements	611979	Old Colony	Avon	AVON- INTERSECTION IMPROVEMENTS AT ROUTE 28, SPRING STREET AND HARRISON BOULEVARD	5	HSIP	\$4,200,000	\$3,780,000	\$420,000	
Old Colony Region Total Program Summary							\$17,494,825	\$14,415,860	\$3,078,965	



2027 Old Colony Region STIP Investments Report

STIP: 2023 - 2027 (D)

Program	MassDOT Project ID	MPO	Municipality	MassDOT Project Description	District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Other Information
Federal Fiscal Year										
Section 1A / Regionally Prioritized Projects							\$12,465,112	\$9,972,090	\$2,493,022	
Roadway Improvements	606143	Old Colony	Brockton	BROCKTON- INTERSECTION IMPROVEMENTS @ CRESCENT STREET (ROUTE 27)/QUINCY STREET/MASSASOIT BOULEVARD	5	STBG	\$6,148,928	\$4,919,142	\$1,229,786	a) Construction; b) Total Project Cost = \$6,148,928 - STBG; d) MPO score 45.83; i) Status 25% Design
Roadway Reconstruction	608506	Old Colony	Hanson	HANSON- CORRIDOR IMPROVEMENTS ON ROUTE 14 (MAQUAN STREET), FROM THE PEMBROKE T.L. TO INDIAN HEAD STREET AND RELATED WORK	5	STBG	\$6,316,184	\$5,052,947	\$1,263,237	a) Construction; b) Total Project Cost = 1,548,342 - STBG; d) MPO score 38.22; i) Status 25% Design
STBG Programmed							\$12,465,112	\$9,972,090	\$2,493,022	
Total Programmed for Old Colony Region Projects*							\$12,465,112	\$9,972,090	\$2,493,022	
Program Target for Old Colony Region Projects							\$14,012,128	\$11,209,702	\$2,802,426	
Target Funds Available for Old Colony Region Projects							\$1,547,016	\$1,237,612	\$309,404	
Old Colony Region Total Program Summary							\$12,465,112	\$9,972,090	\$2,493,022	

Brockton Area Transit (BAT) - Draft Capital Improvement Program (CIP) List
TO BE UPDATED ONCE TRANSIT PROJECT LISTS ARE FINAL

FFY 2023

UPIN	Project Title	Total	Bond Cap State 100% State	Federal FTA Section 5307	Federal FTA Other Federal Transit
BCG0011330	BAT - ACQUIRE MISC SUPPORT EQUIPMENT	\$100,000	\$20,000	\$80,000	\$0
BCG0011331	BAT - BUY ASSOC CAP MAINT ITEMS	\$50,000	\$10,000	\$40,000	\$0
BCG0011332	BAT - ACQUIRE-SHOP EQUIPMENT	\$500,000	\$100,000	\$400,000	\$0
BCG0011333	BAT - TERMINAL, INTERMODAL (TRANSIT)	\$100,000	\$20,000	\$80,000	\$0
BCG0011334	BAT - REHAB RENOVATE MAINTENANCE FACILITY	\$50,000	\$10,000	\$40,000	\$0
BCG0011361	BAT - BUY REPLACEMENT 35-FT BUS ELECTRIC (6)	\$6,500,000	\$3,250,000	\$3,250,000	\$0
BCG0011362	BAT - PURCHASE MISC ELEC/POWER EQUIP	\$800,000	\$400,000	\$400,000	\$0

Brockton Area Transit (BAT) - Draft Capital Improvement Program (CIP) List
TO BE UPDATED ONCE TRANSIT PROJECT LISTS ARE FINAL

FFY 2024

UPIN	Project Title	Total	Bond Cap State 100% State	Federal FTA Section 5307	Federal FTA Other Federal Transit
BCG0011335	BAT - BUY ASSOC CAP MAINT ITEMS	\$50,000	\$10,000	\$40,000	\$0
BCG0011336	BAT - REHAB RENOVATE-MAINTENANCE FACILITY	\$150,000	\$30,000	\$120,000	\$0
BCG0011337	BAT - TERMINAL, INTERMODAL (TRANSIT)	\$100,000	\$20,000	\$80,000	\$0
BCG0011338	BAT - REHAB RENOVATE-BUS PARK & RIDE LOT	\$50,000	\$10,000	\$40,000	\$0
BCG0011339	BAT - ACQUIRE MISC SUPPORT EQUIPMENT	\$100,000	\$20,000	\$80,000	\$0
BCG0011340	BAT - ACQUIRE SUPPORT VEHICLE (1)	\$80,000	\$16,000	\$64,000	\$0
BCG0011341	BAT- VEH OVERHAUL (4)	\$1,000,000	\$500,000	\$500,000	\$0
BCG0011342	BAT - PURCHASE BUS SHELTERS	\$300,000	\$60,000	\$240,000	\$0
BCG0011363	BAT - BUY REPLACEMENT 40-FT BUS ELECTRIC (4)	\$4,600,000	\$920,000	\$0	\$3,680,000
BCG0011364	BAT - BUY REPLACEMENT 35-FT BUS ELECTRIC (2)	\$2,300,000	\$460,000	\$0	\$1,840,000
BCG0011365	BAT - PURCHASE MISC ELEC/POWER EQUIP	\$350,000	\$70,000	\$0	\$280,000

Brockton Area Transit (BAT) - Draft Capital Improvement Program (CIP) List
TO BE UPDATED ONCE TRANSIT PROJECT LISTS ARE FINAL

FFY 2025

UPIN	Project Title	Total	Bond Cap State 100% State	Federal FTA Section 5307	Federal FTA Other Federal Transit
BCG0011343	BAT - BUY ASSOC CAP MAINT ITEMS	\$50,000	\$10,000	\$40,000	\$0
BCG0011344	BAT - ACQUIRE MISC SUPPORT EQUIPMENT & PARKING SYSTEM	\$200,000	\$40,000	\$160,000	\$0
BCG0011345	BAT - VEH OVERHAUL (4)	\$1,150,000	\$575,000	\$575,000	\$0
BCG0011346	BAT - REHAB RENOVATE MAINTENANCE FACILITY	\$50,000	\$10,000	\$40,000	\$0
BCG0011347	BAT - ACQUIRE SUPPORT VEHICLES (2)	\$175,000	\$35,000	\$140,000	\$0
BCG0011348	BAT - TERMINAL, INTERMODAL	\$325,000	\$65,000	\$260,000	\$0

Brockton Area Transit (BAT) - Draft Capital Improvement Program (CIP) List
TO BE UPDATED ONCE TRANSIT PROJECT LISTS ARE FINAL

FFY 2026

UPIN	Project Title	Total	Bond Cap State 100% State	Federal FTA Section 5307	Federal FTA Other Federal Transit
BCG0011349	BAT - REHAB RENOVATE YARDS AND SHOPS	\$500,000	\$100,000	\$400,000	\$0
BCG0011350	BAT - ACQUIRE MISC SUPPORT EQUIPMENT	\$100,000	\$20,000	\$80,000	\$0
BCG0011351	BAT - ACQUIRE SUPPORT VEHICLE (1)	\$60,000	\$12,000	\$48,000	\$0
BCG0011352	BAT - BUY ASSOC CAP MAINT ITEMS	\$50,000	\$10,000	\$40,000	\$0
BCG0011353	BAT - REHAB RENOVATE MAINTENANCE FACILITY	\$50,000	\$10,000	\$40,000	\$0
BCG0011354	BAT - TERMINAL, INTERMODAL	\$50,000	\$10,000	\$40,000	\$0
BCG0011366	BAT - BUY REPLACEMENT 35-FT BUS ELECTRIC (5)	\$6,100,000	\$1,220,000	\$0	\$4,880,000
BCG0011367	BAT - PURCHASE MISC ELEC/POWER EQUIP	\$285,000	\$57,000	\$0	\$228,000

Brockton Area Transit (BAT) - Draft Capital Improvement Program (CIP) List
TO BE UPDATED ONCE TRANSIT PROJECT LISTS ARE FINAL

FFY 2027

UPIN	Project Title	Total	Bond Cap State 100% State	Federal FTA Section 5307	Federal FTA Other Federal Transit
BCG0011355	BAT - BUY ASSOC CAP MAINT ITEMS	\$50,000	\$10,000	\$40,000	\$0
BCG0011356	BAT - REHAB RENOVATE MAINTENANCE FACILITY	\$50,000	\$10,000	\$40,000	\$0
BCG0011357	BAT - TERMINAL, INTERMODAL AND ROOF REPLACEMENT	\$300,000	\$60,000	\$240,000	\$0
BCG0011358	BAT - ACQUIRE MISC SUPPORT EQUIPMENT	\$100,000	\$20,000	\$80,000	\$0
BCG0011359	BAT - REHAB RENOVATE - BUS PARK & RIDE LOT	\$50,000	\$10,000	\$40,000	\$0
BCG0011360	BAT - PURCHASE MISC COMMUNICATIONS EQUIP SYSTEMS	\$75,000	\$15,000	\$60,000	\$0

3.5 Air Quality Conformity Documentation

This section documents the latest air quality conformity determination for the 1997 ozone National Ambient Air Quality Standards (NAAQS) in the Old Colony Region. It covers the applicable conformity requirements according to the latest regulations, regional designation status, legal considerations, and federal guidance. Further details and background information are provided below:

Introduction

The 1990 Clean Air Act Amendments (CAAA) require metropolitan planning organizations within nonattainment and maintenance areas to perform air quality conformity determinations prior to the approval of Long Range Transportation Plans (LRTPs) and Transportation Improvement Programs (TIPs), and at such other times as required by regulation. Clean Air Act (CAA) section 176(c) (42 U.S.C. 7506(c)) requires that federally funded or approved highway and transit activities are consistent with (“conform to”) the purpose of the State Implementation Plan (SIP). Conformity to the purpose of the SIP means that means Federal Highway Administration (FHWA) and Federal Transit Administration (FTA) funding and approvals are given to highway and transit activities that will not cause or contribute to new air quality violations, worsen existing violations, or delay timely attainment of the relevant NAAQS or any interim milestones (42 U.S.C. 7506(c)(1)). The U.S. Environmental Protection Agency (EPA) transportation conformity rules establish the criteria and procedures for determining whether metropolitan transportation plans, transportation improvement programs (TIPs), and federally supported highway and transit projects conform to the SIP (40 CFR Parts 51.390 and 93).

A nonattainment area is one that the EPA has designated as not meeting certain air quality standards. A maintenance area is a nonattainment area that now meets the standards and has been re-designated as maintaining the standard. A conformity determination is a demonstration that plans, programs, and projects are consistent with the State Implementation Plan (SIP) for attaining the air quality standards. The CAAA requirement to perform a conformity determination ensures that federal approval and funding go to transportation activities that are consistent with air quality goals.

Legislative and Regulatory Background

The entire Commonwealth of Massachusetts was previously classified as nonattainment for ozone, and was divided into two nonattainment areas. The Eastern Massachusetts ozone nonattainment area included Barnstable, Bristol, Dukes, Essex, Middlesex, Nantucket, Norfolk, Plymouth, Suffolk, and Worcester counties. Berkshire, Franklin, Hampden, and Hampshire counties comprised the Western Massachusetts ozone nonattainment area. With these classifications, the 1990 Clean Air Act Amendments (CAAA) required the Commonwealth to reduce its emissions of volatile organic compounds (VOCs) and nitrogen oxides (NOx), the two major precursors to ozone formation to achieve attainment of the ozone standard.

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

DRAFT FFY 2023-2027 OLD COLONY TRANSPORTATION IMPROVEMENT PROGRAM (TIP)

In 1997, the EPA proposed a new, eight-hour ozone standard that replaced the one-hour standard, effective June 15, 2005. Scientific information had shown that ozone could affect human health at lower levels, and over longer exposure times than one hour. The new standard was challenged in court, and after a lengthy legal battle, the courts upheld it. It was finalized in June 2004. The eight-hour standard is 0.08 parts per million, averaged over eight hours and not to be exceeded more than once per year. Nonattainment areas were again further classified based on the severity of the eight-hour values. Massachusetts as a whole was classified as being in moderate nonattainment for the eight-hour standard, and was separated into two nonattainment areas: Eastern Massachusetts and Western Massachusetts.

In March 2008, EPA published revisions to the eight-hour ozone NAAQS establishing a level of 0.075 ppm, (March 27, 2008; 73 FR 16483). In 2009, EPA announced it would reconsider this standard because it fell outside of the range recommended by the Clean Air Scientific Advisory Committee. However, EPA did not take final action on the reconsideration so the standard would remain at 0.075 ppm.

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

On May 21, 2012, (77 FR 30088), the final rule was published in the Federal Register, defining the 2008 NAAQS at 0.075 ppm, the standard that was promulgated in March 2008. A second rule published on May 21, 2012 (77 FR 30160), revoked the 1997 ozone NAAQS to occur one year after the July 20, 2012 effective date of the 2008 NAAQS.

Also on May 21, 2012, the air quality designations areas for the 2008 NAAQS were published in the Federal Register. In this Federal Register, the only area in Massachusetts that was designated as nonattainment is Dukes County. All other Massachusetts counties were designated as attainment/unclassified for the 2008 standard. On March 6, 2015, (80 FR 12264, effective April 6, 2015) EPA published the Final Rulemaking, "Implementation of the 2008 National Ambient Air Quality Standards (NAAQS) for Ozone: State Implementation Plan Requirements; Final Rule." This rulemaking confirmed the removal of transportation conformity to the 1997 Ozone NAAQS and the replacement with the 2008 Ozone NAAQS, which (with actually a stricter level of allowable ozone concentration than the 1997 standards) classified Massachusetts as "Attainment/unclassifiable" (except for Dukes County).

However, on February 16, 2018, the United States Court of Appeals for the District of Columbia Circuit in *South Coast Air Quality Mgmt. District v. EPA* ("South Coast II," 882 F.3d 1138) held that transportation conformity determinations must be made in areas that were either nonattainment or maintenance for the 1997 ozone NAAQS and attainment for the 2008 ozone NAAQS when the 1997 ozone NAAQS was revoked. Conformity determinations are required in these areas after February 16, 2019. On November 29, 2018, EPA issued *Transportation Conformity Guidance for the South Coast II Court Decision* (EPA-420-B-18-050, November 2018) that addresses how transportation conformity determinations can be made in these areas. According to the guidance, both Eastern and Western Massachusetts, along with several other areas across the country, are now defined as "orphan nonattainment areas" - areas that were designated as nonattainment for the 1997 ozone NAAQS at the time of its revocation (80 FR 12264, March 6, 2015) and were designated attainment for the 2008 ozone NAAQS in EPA's original designations rule for this NAAQS (77 FR 30160, May 21, 2012).

Current Conformity Determination

After February 16, 2019, as a result of the court ruling and the subsequent federal guidance, transportation conformity for the 1997 NAAQS - intended as an “anti-backsliding” measure - now applies to both of Massachusetts’ orphan areas. Therefore, a conformity determination was made for the 1997 ozone NAAQS on the 2020-2040 Long Range Transportation Plans. This conformity determination was finalized in July 2019 following each MPO’s previous endorsement of their long range transportation plan, and approved by the Massachusetts Divisions of FHWA and FTA on October 15, 2019. This conformity determination continues to be valid for the Old Colony FFY 2023-2027 Transportation Improvement Program, and Massachusetts’ FFY 2023-2027 STIP, as each is developed from the conforming 2020-2040 Long Range Transportation Plans.

The transportation conformity regulation at 40 CFR 93.109 sets forth the criteria and procedures for determining conformity. The conformity criteria for TIPs and LRTPs include: latest planning assumptions (93.110), latest emissions model (93.111), consultation (93.112), transportation control measures (93.113(b) and (c), and emissions budget and/or interim emissions (93.118 and/or 93.119).

For the 1997 ozone NAAQS areas, transportation conformity for TIPs and RTPs for the 1997 ozone NAAQS can be demonstrated without a regional emissions analysis, per 40 CFR 93.109(c). This provision states that the regional emissions analysis requirement applies one year after the effective date of EPA’s nonattainment designation for a NAAQS and until the effective date of revocation of such NAAQS for an area. The 1997 ozone NAAQS revocation was effective on April 6, 2015, and the *South Coast II* court upheld the revocation. As no regional emission analysis is required for this conformity determination, there is no requirement to use the latest emissions model, or budget or interim emissions tests.

Therefore, transportation conformity for the 1997 ozone NAAQS for the Old Colony FFY 2023-2027 Transportation Improvement Program and 2020-2040 Long Range Transportation Plans can be demonstrated by showing that remaining requirements in Table 1 in 40 CFR 93.109 have been met. These requirements, which are laid out in Section 2.4 of EPA’s guidance and addressed below, include:

- Latest planning assumptions (93.110)
- Consultation (93.112)
- Transportation Control Measures (93.113)
- Fiscal Constraint (93.108)

Latest Planning Assumptions:

The use of latest planning assumptions in 40 CFR 93.110 of the conformity rule generally apply to regional emissions analysis. In the 1997 ozone NAAQS areas, the use of latest planning assumptions requirement applies to assumptions about transportation control measures (TCMs) in an approved SIP (See following section on Timely Implementation of TCMs).

Consultation:

The consultation requirements in 40 CFR 93.112 were addressed both for interagency consultation and public consultation. Interagency consultation was conducted with FHWA, FTA, US EPA Region 1, MassDEP, and the Massachusetts MPOs on March 6, 2019 to discuss the latest conformity-related court rulings and resulting federal guidance. Regular and recurring interagency consultations have been held since on an

DRAFT FFY 2023-2027 OLD COLONY TRANSPORTATION IMPROVEMENT PROGRAM (TIP)

(at least) annual schedule, with the most recent conformity consultation held on April 27, 2022. This ongoing consultation is conducted in accordance with the following:

- Massachusetts' Air Pollution Control Regulations 310 CMR 60.03 "Conformity to the State Implementation Plan of Transportation Plans, Programs, and Projects Developed, Funded or Approved Under Title 23 USC or the Federal Transit Act"
- The Commonwealth of Massachusetts Memorandum of Understanding among the Massachusetts Department of Transportation, Massachusetts Department of Environmental Protection, Massachusetts Metropolitan Planning Organizations, and Regional Transit Authorities, titled The Conduct of Air Quality Planning and Coordination for Transportation Conformity (dated September 16, 2019)

Public consultation was conducted consistent with planning rule requirements in 23 CFR 450.

Title 23 CFR Section 450.324 and 310 CMR 60.03(6)(h) requires that the development of the TIP, LRTP, and related certification documents provide an adequate opportunity for public review and comment. Section 450.316(b) also establishes the outline for MPO public participation programs. The Old Colony MPO's Public Participation Plan was formally adopted in 2021. The Public Participation Plan ensures that the public will have access to the TIP and LRTP and all supporting documentation, provides for public notification of the availability of the TIP and LRTP and the public's right to review the document and comment thereon, and provides a 21-day public review and comment period prior to the adoption of the TIP and LRTP and related certification documents. For more information, the Old Colony Public Participation Plan is available [here](#).

The public comment period for this conformity determination commenced on April 19, 2022. During the 21-day public comment period, any comments received were incorporated into this Plan. This allowed ample opportunity for public comment and MPO review of the draft document. The public comment period closed on May 16, 2022 and subsequently, the Old Colony MPO endorsed this air quality conformity determination on May 17, 2022. These procedures comply with the associated federal requirements.

Timely Implementation of Transportation Control Measures:

Transportation Control Measures (TCMs) have been required in the SIP in revisions submitted to EPA in 1979 and 1982. All SIP TCMs have been accomplished through construction or through implementation of ongoing programs. All of the projects have been included in the Region's Transportation Plan (present or past) as recommended projects or projects requiring further study.

Fiscal Constraint:

Transportation conformity requirements in 40 CFR 93.108 state that TIPs and transportation plans and must be fiscally constrained consistent with U.S. DOT's metropolitan planning regulations at 23 CFR part 450. The Old Colony 2023-2027 Transportation Improvement Program and 2020-2040 Long Range Transportation Plan are fiscally constrained, as demonstrated in this document.

DRAFT FFY 2023-2027 OLD COLONY TRANSPORTATION IMPROVEMENT PROGRAM (TIP)

In summary and based upon the entire process described above, the Old Colony MPO has prepared this conformity determination for the 1997 Ozone NAAQS in accordance with EPA's and Massachusetts' latest conformity regulations and guidance. This conformity determination process demonstrates that the FFY 2023-2027 Transportation Improvement Program and the 2020-2040 Long Range Transportation Plan meet the Clean Air Act and Transportation Conformity Rule requirements for the 1997 Ozone NAAQS, and have been prepared following all the guidelines and requirements of these rules during this time period.

Therefore, the implementation of the Old Colony MPO's FFY 2023-2027 Transportation Improvement Program and the 2020-2040 Long Range Transportation Plan are consistent with the air quality goals of, and in conformity with, the Massachusetts State Implementation Plan.

APPENDICES

- A. FFY 2023-2027 OLD COLONY TIP ENDORSEMENT
- B. §450.336 - SELF CERTIFICATION COMPLIANCE STATEMENT - 3C PROCESS
- C. SELF-CERTIFICATION COMPLIANCE STATEMENT - 310 CMR 60.05: GLOBAL WARMING SOLUTIONS ACT REQUIREMENTS FOR THE TRANSPORTATION SECTOR AND MASSDOT
- D. GLOSSARY OF TERMS AND ACRONYMS
- E. SYSTEM LEVEL ESTIMATE OF NEEDS AND COST FOR MAINTAINING AND OPERATING THE HIGHWAY SYSTEM
- F. OPERATIONS AND MAINTENANCE EXPENDITURES (STATEWIDE AND REGIONAL)
- G. FEDERAL REGIONAL FUNDING TARGETS AND STATEWIDE SUMMARIES
- H. TRANSPORTATION EVALUATION CRITERIA FORMS
- I. ANNUAL LISTING OF OBLIGATED (ADVERTISED) PROJECTS
- J. COMPLETED HIGHWAY AND TRANSIT PROJECTS (2015 TO PRESENT); GREENHOUSE GAS (GHG) EMISSIONS ANALYSIS
- K. FFY 2023-2027 GREENHOUSE GAS (GHG) EMISSIONS ANALYSIS
- L. FFY 2023-2027 GATRA TRANSIT ELEMENT
- M. TWENTY-ONE (21) DAY PUBLIC REVIEW - NOTICE OF AVAILABILITY AND PUBLIC COMMENTS
- N. TIP PROJECT REVISION AND DEFINITION PROCEDURES, AND APPROVED ADJUSTMENTS, ADMINISTRATIVE MODIFICATIONS, AND AMENDMENTS

APPENDIX A - FFY 2023-2027 OLD COLONY TIP ENDORSEMENT

OLD COLONY METROPOLITAN PLANNING ORGANIZATION (MPO)

FFY 2023-2027 OLD COLONY TRANSPORTATION IMPROVEMENT PROGRAM (TIP)

ENDORSEMENT OF

FFY 2023-2027 OLD COLONY TRANSPORTATION IMPROVEMENT PROGRAM (TIP)

This is to certify that the Signatories of the Old Colony Metropolitan Planning Organization (MPO), at their Old Colony MPO meeting on May 17, 2022 hereby approve and endorse the FFY 2023-2027 Old Colony Transportation Improvement Program (TIP) in its entirety for the Old Colony Region, in accordance with the certified 3C Transportation Planning Process.

Jamey Tesler, Secretary and CEO
Massachusetts Department of Transportation (MassDOT);
Chair, Old Colony Metropolitan Planning Organization (OCMPO)

Date

**APPENDIX B - §450.336 - SELF CERTIFICATION COMPLIANCE
STATEMENT - 3C PROCESS**

Certification of the Old Colony MPO Transportation Planning Process

The Old Colony Metropolitan Planning Organization certifies that its conduct of the metropolitan transportation planning process complies with all applicable requirements, which are listed below, and that this process includes activities to support the development and implementation of the Regional Long-Range Transportation Plan and Air Quality Conformity Determination, the Transportation Improvement Program and Air Quality Conformity Determination, and the Unified Planning Work Program.

1. 23 USC 134, 49 USC 5303, and this subpart.
2. Sections 174 and 176 (c) and (d) of the Clean Air Act, as amended (42 USC 7504, 7506 (c) and (d) and 40 CFR part 93 and for applicable State Implementation Plan projects.
3. Title VI of the Civil Rights Act of 1964, as amended (42 USC 2000d-1) and 49 CFR Part 21.
4. 49 USC 5332, prohibiting discrimination on the basis of race, color, creed, national origin, sex, or age in employment or business opportunity.
5. Section 1101 (b) of the Fast Act (Pub. L. 114-357) and 49 CFR Part 26 regarding the involvement of disadvantaged business enterprises in U.S. DOT-funded projects.
6. 23 CFR part 230, regarding implementation of an equal employment opportunity program on Federal and Federal-aid highway construction contracts.
7. The provisions of the US DOT and of the Americans with Disabilities Act of 1990 (42 USC 12101 et seq.) and 49 CFR Parts 27, 37, and 38.
8. The Older Americans Act, as amended (42 USC 6101), prohibiting discrimination on the basis of age in programs or activities receiving federal financial assistance.
9. Section 324 of Title 23 USC regarding the prohibition of discrimination based on gender.
10. Section 504 of the Rehabilitation Act of 1973 (29 USC 794) and 49 CFR Part 27 regarding discrimination against individuals with disabilities.
11. Anti-lobbying restrictions found in 49 USC Part 20. No appropriated funds may be expended by a recipient to influence or attempt to influence an officer or employee of any agency, or a member of Congress, in connection with the awarding of any federal contract.

Jamey Tesler, Secretary and CEO
Massachusetts Department of Transportation (MassDOT)
Chair, Old Colony Metropolitan Planning Organization (OCMPO)

Date

**APPENDIX C - SELF-CERTIFICATION COMPLIANCE STATEMENT - 310
CMR 60.05: GLOBAL WARMING SOLUTIONS ACT REQUIREMENTS FOR
THE TRANSPORTATION SECTOR AND MASSDOT**

310 CMR 60.05: Global Warming Solutions Act Requirements for Transportation

This will certify that the Transportation Improvement Program and Air Quality Conformity Determination for the Old Colony Long Range Transportation Plan is in compliance with all applicable requirements in the State Regulation 310 CMR 60.05: Global Warming Solutions Act Requirements for Transportation. The regulation requires the MPO to:

1. 310 CMR 60.05(5)(a)1.: Evaluate and report the aggregate transportation GHG emissions impacts of RTPs and TIPs;
2. 310 CMR 60.05(5)(a)2.: In consultation with MassDOT, develop and utilize procedures to prioritize and select projects in RTPs and TIPs based on factors that include aggregate transportation GHG emissions impacts;
3. 310 CMR 60.05(5)(a)3.: Quantify net transportation GHG emissions impacts resulting from the projects in RTPs and TIPs and certify in a statement included with RTPs and TIPs pursuant to 23 CFR Part 450 that the MPO has made efforts to minimize aggregate transportation GHG emissions impacts;
4. 310 CMR 60.05(5)(a)4.: Determine in consultation with the RPA that the appropriate planning assumptions used for transportation GHG emissions modeling are consistent with local land use policies, or that local authorities have made documented and credible commitments to establishing such consistency;
5. 310 CMR 60.05(8)(a)2.a.: Develop RTPs and TIPs;
6. 310 CMR 60.05(8)(a)2.b.: Ensure that RPAs are using appropriate planning assumptions;
7. 310 CMR 60.05(8)(a)2.c.: Perform regional aggregate transportation GHG emissions impact analysis of RTPs and TIPs;
8. 310 CMR 60.05(8)(a)2.d.: Calculate aggregate transportation GHG emissions impacts for RTPs and TIPs;
9. 310 CMR 60.05(8)(a)2.e.: Develop public consultation procedures for aggregate transportation GHG emissions impact reporting and related GWSA requirements consistent with current and approved regional public participation plans;
10. 310 CMR 60.05(8)(c): Prior to making final endorsements on the RTPs, TIPs, STIPs, and projects included in these plans, MassDOT and the MPOs shall include the aggregate transportation GHG emission impact assessment in RTPs, TIPs, and STIPs and provide an opportunity for public review and comment on the RTPs, TIPs, and STIPs; and
11. 310 CMR 60.05(8)(a)1.c.: After a final GHG assessment has been made by MassDOT and the MPOs, MassDOT and the MPOs shall submit MPO-endorsed RTPs, TIPs, STIPs or projects within 30 days of endorsement to the Department for review of the GHG assessment.

Jamey Tesler, Secretary and CEO
Massachusetts Department of Transportation (MassDOT);
Chair, Old Colony Metropolitan Planning Organization (OCMPO)

Date

APPENDIX D - GLOSSARY OF TERMS AND ACRONYMS

GLOSSARY OF TERMS AND ACRONYMS

List of Acronyms

3C:	Comprehensive, Cooperative, and Continuing Planning Process
ADA:	Americans with Disabilities Act
BAT:	Brockton Area Transit Authority
BIL:	Bipartisan Infrastructure Law
CAAA:	Clean Air Act Amendments of 1990
CIP:	Capital Investment Plan
CMAQ:	Congestion Mitigation and Air Quality Improvement Program
CMP:	Congestion Management Process
CTGP:	Community Transit Grant Program
DEP:	Department of Environmental Protection
EIR:	Environmental Impact Report
EJ:	Environmental Justice
ENF:	Environmental Notification Form
EPA:	Environmental Protection Agency
EV:	Electric Vehicle
FAST ACT:	Fixing America’s Surface Transportation Act
FHWA:	Federal Highway Administration
FTA:	Federal Transit Administration
GATRA:	Greater Attleboro-Taunton Regional Transit Authority
GHG:	Greenhouse Gases
GWSA:	Global Warming Solutions Act
HPMS:	Highway Performance Monitoring System
HSIP:	Highway Safety Improvement Program
IRI:	International Roughness Index
JTC:	Joint Transportation Committee
LAP:	Language Access Plan
LEP:	Limited English Proficient
LOS:	Level of Service
LRTP:	Long Range Transportation Plan
MCAD:	Massachusetts Commission Against Discrimination
MAP:	Mobility Assistance Program
MARPA:	Massachusetts Association of Regional Planning Agencies
MassDOT:	Massachusetts Department of Transportation
MBTA:	Massachusetts Bay Transportation Authority
MOU:	Memorandum of Understanding
MPO:	Metropolitan Planning Organization
NAAQS:	National Ambient Air Quality Standards
NBIS:	National Bridge Inventory Standards
NFA:	Non-Federal Aid

NFP:	National Freight Program
NHPP:	National Highway Performance Program
NHS:	National Highway System
NOx:	Nitrogen Oxides
O&M:	Operations and Maintenance
P&B:	Plymouth and Brockton Bus Company
PM1:	Safety Performance Measures
PM2:	System Preservation Performance Measures
PM3:	System Performance Measures (Congestion, Reliability, and Emissions)
PMS:	Pavement Management System
POP:	Programming of Projects
PPP:	Public Participation Plan
PRC:	Project Review Committee
PSI:	Pavement Serviceability Index
PTASP:	Public Transit Agency Safety Plan
SGR:	State of Good Repair
SIP:	State Implementation Plan
SMS:	Safety Management System
SOV:	Single Occupant Vehicle
SSCAC:	South Shore Community Action Council
STBG:	Surface Transportation Block Grant Program
TAM	Transit Asset Management
TAMP	Transportation Asset Management Plan
TAN:	Transportation Advisory Network
TAP:	Transportation Alternatives Program
TCM:	Transportation Control Measure
TEC:	Transportation Evaluation Criteria
TERM:	Transit Economic Requirements Model
TIP:	Transportation Improvement Program
TITLE VI:	Title VI of the Civil Rights Act of 1964, 42 U.S.C. 2000d
TMA:	Transportation Management Area
ULB:	Useful Life Benchmark
VMT:	Vehicle Miles Traveled
VOCs:	Volatile Organic Compounds

**APPENDIX E - SYSTEM LEVEL ESTIMATE OF NEEDS AND COST FOR
MAINTAINING AND OPERATING THE HIGHWAY SYSTEM**

APPENDIX F - OPERATIONS AND MAINTENANCE EXPENDITURES

Operating and Maintenance Expenditures as of March 2022						
Program Group/Sub Group	Statewide and District Contracts plus Expenditures within MPO boundaries					
	Est SFY 2022 Spending	Est SFY 2023 Spending	Est SFY 2024 Spending	Est SFY 2025 Spending	Est SFY 2026 Spending	
Part 1: Non-Federal Aid						
Section I - Non Federal Aid Maintenance Projects - State Bondfunds						
01 - ADA Retrofits						
Sidewalk Construction and Repairs	\$ 78,719	\$ 114,000	\$ 52,000	\$ -	\$ -	
02 - Bicycles and pedestrians program						
Bikeway/Bike Path Construction	\$ -	\$ -	\$ -	\$ -	\$ -	
03 - Bridge						
Bridge Maintenance	\$ 47,360,434	\$ 22,008,112	\$ 7,019,328	\$ 345,318	\$ -	
Bridge Maintenance - Deck Repairs	\$ 13,072,586	\$ 8,334,358	\$ 5,311,045	\$ 443,585	\$ -	
Bridge Maintenance - Joints	\$ 3,793,035	\$ 2,804,206	\$ 1,208,481	\$ 68,432	\$ -	
Bridge Preservation	\$ 2,882,033	\$ 11,816,698	\$ 4,974,667	\$ 317,981	\$ -	
Drawbridge Maintenance	\$ 5,575,223	\$ 2,560,174	\$ -	\$ -	\$ -	
Painting - Structural	\$ 6,162,363	\$ 1,605,861	\$ -	\$ -	\$ -	
Structures Maintenance	\$ 284,948	\$ 142,680	\$ -	\$ -	\$ -	
04 - Capacity						
Highway Relocation	\$ -	\$ -	\$ -	\$ -	\$ -	
Hwy Reconstr - Added Capacity	\$ -	\$ -	\$ -	\$ -	\$ -	
Hwy Reconstr - Major Widening	\$ -	\$ -	\$ -	\$ -	\$ -	
05 - Facilities						
Vertical Construction (Ch 149)	\$ 6,669,216	\$ 5,718,204	\$ 1,651,487	\$ 114,754	\$ -	
07 - Intersection Improvements						
Traffic Signals	\$ 3,488,759	\$ 2,224,126	\$ 1,914,764	\$ 94,957	\$ -	
08 - Interstate Pavement						
Resurfacing Interstate	\$ -	\$ -	\$ -	\$ -	\$ -	
09 - Intelligent Transportation Systems Program						
Intelligent Transportation System	\$ -	\$ -	\$ -	\$ -	\$ -	
10 - Non-interstate DOT Pavement Program						
Milling and Cold Planing	\$ 625,000	\$ 695,000	\$ 65,316	\$ -	\$ -	
Resurfacing	\$ 6,415,673	\$ 4,437,466	\$ 3,658,730	\$ 956,730	\$ -	
Resurfacing DOT Owned Non-Interstate	\$ 5,222,136	\$ 3,704,756	\$ 1,345,715	\$ 178,272	\$ -	
11 - Roadway Improvements						
Asbestos Removal	\$ -	\$ -	\$ -	\$ -	\$ -	
Catch Basin Cleaning	\$ 1,966,347	\$ 1,455,089	\$ 310,866	\$ -	\$ -	
Contract Highway Maintenance	\$ 3,190,450	\$ 3,000,531	\$ 1,668,618	\$ 100,901	\$ -	
Crack Sealing	\$ 1,672,864	\$ 1,194,760	\$ 706,377	\$ 109,600	\$ -	
Culvert Maintenance	\$ -	\$ -	\$ -	\$ -	\$ -	
Culvert Reconstruction/Rehab	\$ -	\$ -	\$ -	\$ -	\$ -	
Drainage	\$ 7,341,532	\$ 6,292,153	\$ 1,154,896	\$ 103,925	\$ -	
Dredging	\$ -	\$ -	\$ -	\$ -	\$ -	
Guard Rail & Fencing	\$ 3,429,456	\$ 4,146,615	\$ 1,845,428	\$ 278,197	\$ -	
Highway Sweeping	\$ 963,234	\$ 1,007,278	\$ 141,245	\$ -	\$ -	
Landscaping	\$ 233,427	\$ 600,000	\$ 244,014	\$ -	\$ -	
Mowing and Spraying	\$ 2,002,002	\$ 1,038,229	\$ 357,576	\$ 29,565	\$ -	
Sewer and Water	\$ 3,904	\$ 20,843	\$ 10,580	\$ -	\$ -	
Tree Trimming	\$ 3,939,855	\$ 2,625,059	\$ 722,777	\$ -	\$ -	
12 - Roadway Reconstruction						
Hwy Reconstr - No Added Capacity	\$ 6,001	\$ -	\$ -	\$ -	\$ -	
Hwy Reconstr - Restr and Rehab	\$ 646,014	\$ 109,047	\$ 265,670	\$ 177,113	\$ -	
Roadway - Reconstr - Sidewalks and Curbing	\$ 1,879,857	\$ 748,676	\$ -	\$ -	\$ -	
13 - Safety Improvements						
Electrical	\$ 398,549	\$ -	\$ -	\$ -	\$ -	
Impact Attenuators	\$ 1,068,681	\$ 911,141	\$ 346,248	\$ 129,196	\$ -	
Lighting	\$ 3,735,830	\$ 2,267,423	\$ 1,281,166	\$ 116,870	\$ -	
Pavement Marking	\$ 3,332,465	\$ 3,166,821	\$ 1,623,975	\$ 343,891	\$ -	
Safety Improvements	\$ 227,620	\$ 33,595	\$ -	\$ -	\$ -	
Sign Installation/Upgrading	\$ 545,832	\$ 833,711	\$ 827,507	\$ 65,739	\$ -	
Structural Signing	\$ 359,312	\$ 129,607	\$ -	\$ -	\$ -	
Section I Total:	\$ 138,573,354	\$ 95,746,219	\$ 38,708,474	\$ 3,975,025	\$ -	
Section II - Non Federal Aid Highway Operations - State Operating Budget Funding						
Snow and Ice Operations & Materials						
	\$ 83,800,000	\$ 95,000,000	\$ 95,000,000	\$ 95,000,000	\$ 95,000,000	
District Maintenance Payroll						
Mowing, Litter Mgmt, Sight Distance Clearing, Etc.	\$ 34,400,000	\$ 35,440,000	\$ 36,510,000	\$ 37,610,000	\$ 38,740,000	
Section II Total:	\$ 118,200,000	\$ 130,440,000	\$ 131,510,000	\$ 132,610,000	\$ 133,740,000	
Grand Total NFA:	\$ 256,773,354	\$ 226,186,219	\$ 170,218,474	\$ 136,585,025	\$ 133,740,000	

Operating and Maintenance Expenditures as of March 2022

Statewide and District Contracts plus Expenditures within MPO boundaries

Program Group/Sub Group	Est SFY 2022 Spending	Est SFY 2023 Spending	Est SFY 2024 Spending	Est SFY 2025 Spending	Est SFY 2026 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	\$ 3,805,564	\$ 502,504	\$ 2,357,142	\$ -	\$ -
Bridge Maintenance - Deck Repairs	\$ -	\$ -	\$ 1,038,762	\$ 952,198	\$ -
Bridge Maintenance - Joints	\$ -	\$ -	\$ -	\$ -	\$ -
Bridge Preservation	\$ -	\$ -	\$ -	\$ -	\$ -
Bridge Reconstruction/Rehab	\$ -	\$ -	\$ -	\$ -	\$ -
Drawbridge Maintenance	\$ -	\$ -	\$ -	\$ -	\$ -
Painting - Structural	\$ 3,401,816	\$ 378,207	\$ -	\$ -	\$ -
Structures Maintenance	\$ 238,348	\$ 2,860,181	\$ 1,430,090	\$ -	\$ -
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	\$ 5,557,056	\$ 9,931	\$ 978,483	\$ -	\$ -
Pavement Marking	\$ -	\$ -	\$ -	\$ -	\$ -
Safety Improvements	\$ -	\$ -	\$ -	\$ -	\$ -
Sign Installation/Upgrading	\$ -	\$ -	\$ -	\$ -	\$ -
Structural Signing	\$ 583,693	\$ 99,450	\$ -	\$ -	\$ -
Section I Total:	\$ 13,586,477	\$ 3,850,272	\$ 5,804,478	\$ 952,198	\$ -
Grand Total Federal Aid:	\$ 13,586,477	\$ 3,850,272	\$ 5,804,478	\$ 952,198	\$ -

Operating and Maintenance Expenditures as of March 2022

Statewide and District Contracts

Program Group/Sub Group	Est SFY 2022 Spending	Est SFY 2023 Spending	Est SFY 2024 Spending	Est SFY 2025 Spending	Est SFY 2026 Spending
Part 1: Non-Federal Aid					
Section I - Non Federal Aid Maintenance Projects - State Bondfunds					
01 - ADA Retrofits					
Sidewalk Construction and Repairs	\$ 78,719	\$ 114,000	\$ 52,000	\$ -	\$ -
02 - Bicycles and pedestrians program					
Bikeway/Bike Path Construction	\$ -	\$ -	\$ -	\$ -	\$ -
03 - Bridge					
Bridge Maintenance	\$ 36,405,775	\$ 18,815,892	\$ 6,183,863	\$ 345,318	\$ -
Bridge Maintenance - Deck Repairs	\$ 13,072,586	\$ 8,334,358	\$ 5,311,045	\$ 443,585	\$ -
Bridge Maintenance - Joints	\$ 3,793,035	\$ 2,804,206	\$ 1,208,481	\$ 68,432	\$ -
Bridge Preservation	\$ 722,817	\$ 1,510,000	\$ 635,000	\$ -	\$ -
Drawbridge Maintenance	\$ 5,575,223	\$ 2,560,174	\$ -	\$ -	\$ -
Painting - Structural	\$ 4,516,054	\$ 1,605,861	\$ -	\$ -	\$ -
Structures Maintenance	\$ 284,948	\$ 142,680	\$ -	\$ -	\$ -
04 - Capacity					
Highway Relocation	\$ -	\$ -	\$ -	\$ -	\$ -
Hwy Reconstr - Added Capacity	\$ -	\$ -	\$ -	\$ -	\$ -
Hwy Reconstr - Major Widening	\$ -	\$ -	\$ -	\$ -	\$ -
05 - Facilities					
Vertical Construction (Ch 149)	\$ 4,429,468	\$ 2,368,944	\$ 929,429	\$ 114,754	\$ -
07 - Intersection Improvements					
Traffic Signals	\$ 3,488,759	\$ 2,224,126	\$ 1,914,764	\$ 94,957	\$ -
08 - Interstate Pavement					
Resurfacing Interstate	\$ -	\$ -	\$ -	\$ -	\$ -
09 - Intelligent Transportation Systems Program					
Intelligent Transportation System	\$ -	\$ -	\$ -	\$ -	\$ -
10 - Non-Interstate DOT Pavement Program					
Milling and Cold Planing	\$ 625,000	\$ 695,000	\$ 65,316	\$ -	\$ -
Resurfacing	\$ 6,415,673	\$ 4,437,466	\$ 3,658,730	\$ 956,730	\$ -
Resurfacing DOT Owned Non-Interstate	\$ 5,203,927	\$ 3,704,756	\$ 1,345,715	\$ 178,272	\$ -
11 - Roadway Improvements					
Asbestos Removal	\$ -	\$ -	\$ -	\$ -	\$ -
Catch Basin Cleaning	\$ 1,966,347	\$ 1,455,089	\$ 310,866	\$ -	\$ -
Contract Highway Maintenance	\$ 3,055,450	\$ 2,387,018	\$ 1,154,312	\$ 72,342	\$ -
Crack Sealing	\$ 1,672,864	\$ 1,194,760	\$ 706,377	\$ 109,600	\$ -
Culvert Maintenance	\$ -	\$ -	\$ -	\$ -	\$ -
Culvert Reconstruction/Rehab	\$ -	\$ -	\$ -	\$ -	\$ -
Drainage	\$ 6,789,520	\$ 5,478,547	\$ 1,040,684	\$ 103,925	\$ -
Dredging	\$ -	\$ -	\$ -	\$ -	\$ -
Guard Rail & Fencing	\$ 3,429,456	\$ 4,146,615	\$ 1,845,428	\$ 278,197	\$ -
Highway Sweeping	\$ 963,234	\$ 1,007,278	\$ 141,245	\$ -	\$ -
Landscaping	\$ 233,427	\$ 600,000	\$ 244,014	\$ -	\$ -
Mowing and Spraying	\$ 1,984,043	\$ 822,728	\$ 177,992	\$ 29,565	\$ -
Sewer and Water	\$ 3,904	\$ 20,843	\$ 10,580	\$ -	\$ -
Tree Trimming	\$ 3,939,855	\$ 2,625,059	\$ 722,777	\$ -	\$ -
12 - Roadway Reconstruction					
Hwy Reconstr - No Added Capacity	\$ 6,001	\$ -	\$ -	\$ -	\$ -
Hwy Reconstr - Restr and Rehab	\$ 646,014	\$ 109,047	\$ 265,670	\$ 177,113	\$ -
Roadway - Reconstr - Sidewalks and Curbing	\$ 1,879,857	\$ 748,676	\$ -	\$ -	\$ -
13 - Safety Improvements					
Electrical	\$ 398,549	\$ -	\$ -	\$ -	\$ -
Impact Attenuators	\$ 1,068,681	\$ 842,686	\$ 181,956	\$ 47,050	\$ -
Lighting	\$ 3,735,830	\$ 2,267,423	\$ 1,281,166	\$ 116,870	\$ -
Pavement Marking	\$ 3,332,465	\$ 3,166,821	\$ 1,623,975	\$ 343,891	\$ -
Safety Improvements	\$ 227,620	\$ 33,595	\$ -	\$ -	\$ -
Sign Installation/Upgrading	\$ 467,832	\$ 573,711	\$ 646,592	\$ 65,739	\$ -
Structural Signing	\$ 359,312	\$ 129,607	\$ -	\$ -	\$ -
Section I Total:	\$ 120,772,243	\$ 76,926,966	\$ 31,657,976	\$ 3,546,339	\$ -
Section II - Non Federal Aid Highway Operations - State Operating Budget Funding					
Snow and Ice Operations & Materials					
District Maintenance Payroll	\$ 83,800,000	\$ 95,000,000	\$ 95,000,000	\$ 95,000,000	\$ 95,000,000
Mowing, Litter Mgmt, Sight Distance Clearing, Etc.	\$ 34,400,000	\$ 35,440,000	\$ 36,510,000	\$ 37,610,000	\$ 38,740,000
Section II Total:	\$ 118,200,000	\$ 130,440,000	\$ 131,510,000	\$ 132,610,000	\$ 133,740,000
Grand Total NFA:	\$ 238,972,243	\$ 207,366,966	\$ 163,167,976	\$ 136,156,339	\$ 133,740,000

Operating and Maintenance Expenditures as of March 2022

Statewide and District Contracts

Program Group/Sub Group	Est SFY 2022 Spending	Est SFY 2023 Spending	Est SFY 2024 Spending	Est SFY 2025 Spending	Est SFY 2026 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	\$ 2,557,469	\$ 502,504	\$ -	\$ -	\$ -
Bridge Maintenance - Deck Repairs	\$ -	\$ -	\$ -	\$ -	\$ -
Bridge Maintenance - Joints	\$ -	\$ -	\$ -	\$ -	\$ -
Bridge Preservation	\$ -	\$ -	\$ -	\$ -	\$ -
Bridge Reconstruction/Rehab	\$ -	\$ -	\$ -	\$ -	\$ -
Drawbridge Maintenance	\$ -	\$ -	\$ -	\$ -	\$ -
Painting - Structural	\$ 3,401,816	\$ 378,207	\$ -	\$ -	\$ -
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	\$ 583,693	\$ 99,450	\$ -	\$ -	\$ -
Section I Total:	\$ 6,542,978	\$ 980,161	\$ -	\$ -	\$ -
Grand Total Federal Aid:	\$ 6,542,978	\$ 980,161	\$ -	\$ -	\$ -

Operating and Maintenance Expenditures as of March 2022

Program Group/Sub Group	Old Colony				
	Est SFY 2022 Spending	Est SFY 2023 Spending	Est SFY 2024 Spending	Est SFY 2025 Spending	Est SFY 2026 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	\$ 1,060,290	\$ -	\$ -	\$ -	\$ -
Bridge Maintenance - Deck Repairs	\$ -	\$ -	\$ -	\$ -	\$ -
Bridge Maintenance - Joints	\$ -	\$ -	\$ -	\$ -	\$ -
Bridge Preservation	\$ -	\$ -	\$ -	\$ -	\$ -
Drawbridge Maintenance	\$ -	\$ -	\$ -	\$ -	\$ -
Painting - Structural	\$ -	\$ -	\$ -	\$ -	\$ -
Structures Maintenance	\$ -	\$ -	\$ -	\$ -	\$ -
04 - Capacity					
Highway Relocation	\$ -	\$ -	\$ -	\$ -	\$ -
Hwy Reconstr - Added Capacity	\$ -	\$ -	\$ -	\$ -	\$ -
Hwy Reconstr - Major Widening	\$ -	\$ -	\$ -	\$ -	\$ -
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	\$ -	\$ -	\$ -	\$ -	\$ -
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:	\$ 1,060,290	\$ -	\$ -	\$ -	\$ -
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:	\$ 1,060,290	\$ -	\$ -	\$ -	\$ -

Operating and Maintenance Expenditures as of March 2022

Program Group/Sub Group	Old Colony				
	Est SFY 2022 Spending	Est SFY 2023 Spending	Est SFY 2024 Spending	Est SFY 2025 Spending	Est SFY 2026 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:	\$ -	\$ -	\$ -	\$ -	\$ -

DRAFT
Brockton Area Transit Authority
Operations and Maintenance Summary Table

The numbers below represent actual numbers for the previous year, the current year budget/forecast approved by the RTA Advisory Board, and Projections for the out-years as used in the Program Preview meetings with the State. The figures provided in the below table are estimates and a forecast of projected funds necessary to meet the operating needs of the regional transit authority.

Operating Revenue	Previous	Previous	Year One	Year Two	Year Three	Year Four	Year Five
	Actual 2021	Budget 2022	Draft Budget 2023	Program Preview 2024	2025	2026	2027
Farebox	\$ 3,084,750	\$ 1,825,500	\$ 1,641,866	\$ 1,927,356	\$ 2,219,983	\$ 2,687,285	\$ 3,090,736
Federal Grants	\$ 3,340,422	\$ 3,846,683	\$ 4,616,887	\$ 4,385,618	\$ 4,385,618	\$ 3,998,353	\$ 3,769,542
Service Contracts *	\$ 885,000	\$ 852,418	\$ 877,032	\$ 898,958	\$ 921,432	\$ 1,037,071	\$ 1,062,997
MassDOT Discretionary Grant and/or Workforce Trainin	\$ 200,000	\$ 414,000	\$ 200,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000
Auxiliary Revenue	\$ 136,600	\$ 150,000	\$ 196,140	\$ 189,838	\$ 189,838	\$ 194,584	\$ 199,449
Interest Income	\$ 65,000	\$ 5,000	\$ 68,959	\$ 70,683	\$ 72,450	\$ 74,261	\$ 76,118
State Contract Assistance **	\$ 7,706,966	\$ 7,679,767	\$ 8,097,131	\$ 8,270,269	\$ 8,270,269	\$ 8,477,026	\$ 8,688,951
Local Assessment	\$ 3,263,662	\$ 3,326,754	\$ 3,428,885	\$ 3,514,607	\$ 3,602,472	\$ 3,692,534	\$ 3,784,847
TOTAL	\$ 18,682,400	\$ 18,100,122	\$ 19,126,900	\$ 19,557,329	\$ 19,962,062	\$ 20,461,114	\$ 20,972,641
Operating Expenses ***	Previous	Previous	Draft	Year Two	Year Three	Year Four	Year Five
	2021	2022	2023	2024	2025	2026	2027
TOTAL (See Description Below)	\$ 18,682,400	\$ 18,100,122	\$ 19,126,900	\$ 19,557,329	\$ 19,962,062	\$ 20,461,114	\$ 20,972,641

Footnotes:

* Service Contracts refers to contract work such as Human Service Agencies and BSU

** Operating assistance provided by the State

*** Description of Operating Expenses: Salaries and Wages; Fringe Benefits; Legal, Accounting and Professional Services; Promotion/Marketing; Insurance; Equipment Leases and Rentals; Real Property Leases and Rentals; Non-capitalized Maintenance/Repair; Fuel costs; Tire costs; Office Supplies and Equipment; Interest Expense; Utilities; Management Fees; Travel and Training; and Other miscellaneous expense items.

DRAFT March 30, 2022

APPENDIX G - FEDERAL REGIONAL FUNDING TARGETS AND STATEWIDE SUMMARIES

**FFY 2023-2027 STIP
2023 - 2027 Regional Target Budgets (DRAFT)**

	2022 Current Obligation Authority (federal aid only)	2022 Proposed Obligation Authority (90%)*	2023 Current Obligation Authority (federal aid only)	2023 Proposed Obligation Authority (90%)	2024 Current Obligation Authority (federal aid only)	2024 Proposed Obligation Authority (90%)	2025 Current Obligation Authority (federal aid only)	2025 Proposed Obligation Authority (90%)	2026 Current Obligation Authority (federal aid only)	2026 Proposed Obligation Authority (90%)
Apportionment	\$678,743,257	\$804,613,425	\$692,898,168	\$820,706,716	\$707,348,274	\$837,121,872	\$722,099,730	\$853,865,331	\$737,158,822	\$870,943,658
Balance Obligation Authority	\$617,656,364	\$724,152,083	\$630,537,333	\$738,636,044	\$643,686,929	\$753,409,685	\$657,110,754	\$768,478,798	\$670,814,528	\$783,849,292
Planned Redistribution Request	\$50,000,000	\$50,000,000	\$50,000,000	\$50,000,000	\$50,000,000	\$50,000,000	\$50,000,000	\$50,000,000	\$50,000,000	\$50,000,000
Total Estimated Funding Available	\$667,656,364	\$774,152,083	\$680,537,333	\$788,636,044	\$693,686,929	\$803,409,685	\$707,110,754	\$818,478,798	\$720,814,528	\$833,849,292
ABP GANS Repayment	-\$86,470,000	-\$86,740,000	-\$89,510,000	-\$89,510,000	-\$93,985,000	-\$93,985,000	-\$122,185,000	-\$122,185,000	-\$133,620,000	-\$133,620,000
Total Non-earmarked Funding Available	\$581,186,364	\$687,412,083	\$591,027,333	\$699,126,044	\$599,701,929	\$709,424,685	\$584,925,754	\$696,293,798	\$587,194,528	\$700,229,292
Funding for Regional Priorities**	\$198,629,796	\$234,934,145	\$202,968,036	\$240,090,826	\$205,628,284	\$243,573,204	\$200,827,858	\$237,969,614	\$195,612,737	\$233,268,128
Highway Division Programs ***	\$318,254,576	\$376,423,217	\$339,110,872	\$392,976,320	\$339,110,872	\$392,976,320	\$335,108,710	\$387,887,431		
			Delta (FA)	\$108,098,711		\$109,722,756		\$111,368,044		\$113,034,764
			Delta (Total)	\$135,123,389		\$137,153,445		\$139,210,055		\$141,293,455

	2027 Proposed Obligation Authority (90%)*
Balance Obligation Authority	\$799,527,245
Planned Redistribution Request	\$50,000,000
Total Estimated Funding Available	\$849,527,245
ABP GANS Repayment	-\$133,620,000

*Base Obligation Authority based on 2.0% growth rate from actual FFY 2022 Apportionment and average of FAST Act Obligation Authority (90%) through FFY 2021.

**MPO TIP Targets will be held harmless from changes in proposed Obligation Authority

***MassDOT Highway Division Programs are being revised based on new ABP Gans schedule and proposed Obligation Authority.

Total Non-earmarked Funding Available	Regional Share (%)	MPO	\$715,907,245	Total Funding
3.5596%	Berkshire Region	\$8,751,410	\$10,939,263	
42.9671%	Boston Region	\$105,636,228	\$132,045,285	
4.5851%	Cape Cod	\$11,272,640	\$14,090,801	
8.6901%	Central Mass	\$21,364,937	\$26,706,171	
2.5397%	Franklin Region	\$6,243,948	\$7,804,935	
0.3100%	Martha's Vineyard	\$762,147	\$952,683	
4.4296%	Merrimack Valley	\$10,890,338	\$13,612,922	
4.4596%	Montachusett	\$10,964,094	\$13,705,117	
0.2200%	Nantucket	\$540,878	\$676,098	
3.9096%	Northern Middlesex	\$9,611,898	\$12,014,873	
4.5595%	Old Colony	\$11,209,702	\$14,012,127	
10.8100%	Pioneer Valley	\$26,576,791	\$33,220,988	
8.9601%	Southeastern Mass	\$22,028,742	\$27,535,928	
	Funding for Regional Priorities	\$245,853,752	\$307,317,191	
	Highway Division Programs	\$405,426,076	\$506,782,595	



Statewide Transportation Improvement Program (STIP) Program Targets

Federal Fiscal Year 2023		\$836,700,311							
	Current Obligation Authority (federal aid only)	Proposed Obligation Authority (90%*, BIL)	Matching Funds	Proposed Matching Funds	FFY 2023 (Current Targets (federal aid + match))	FFY 2023 - BIL (Proposed) (Fed Aid + Match)	FFY 2023 Programmed (Current)	Programmed vs. FFY 2023 Proposed Targets	
Balance Obligation Authority	\$630,537,333	\$738,636,044	\$108,098,711						
Planned Redistribution Request	\$50,000,000	\$50,000,000							
Total Non-earmarked Funding Available		\$680,537,333	\$788,636,044	\$226,845,778	\$153,592,717	\$907,383,111	\$942,228,761		
Planning/Adjustments/Pass-throughs		\$138,458,425	\$155,568,899	\$11,802,279	\$15,579,052	\$150,260,704	\$171,147,950	\$148,410,760	\$ 22,737,190
ABP GANS Repayment	\$89,510,000	\$89,510,000	\$0	\$0	\$89,510,000	\$89,510,000	\$89,510,000	\$ -	
Award Adjustments, Change Orders, etc.	\$12,383,176	\$27,019,379	\$2,938,744	\$6,412,171	\$15,321,920	\$33,431,550	\$15,321,920	\$ 18,109,630	
Metropolitan Planning	\$10,008,876	\$10,886,010	\$2,502,219	\$2,721,503	\$12,511,095	\$13,607,513	\$12,511,095	\$ 1,096,418	
State Planning & Research	\$20,431,055	\$22,955,893	\$5,107,764	\$5,738,973	\$25,538,819	\$28,694,866	\$25,538,819	\$ 3,156,047	
Recreational Trails	\$1,186,729	\$1,186,729	\$296,682	\$296,682	\$1,483,411	\$1,483,411	\$1,483,411	\$ 0	
Railroad Grade Crossings	\$2,000,000	\$2,371,999	\$222,222	\$0	\$2,222,222	\$2,371,999	\$2,222,222	\$ 149,777	
SRTS Education	\$1,458,634	\$1,638,890	\$364,659	\$409,722	\$1,823,293	\$2,048,612	\$1,823,293	\$ 225,319	
Transit Grant Program	\$1,479,955	\$0	\$369,989	\$0	\$1,849,944	\$0	\$0	\$ -	
Flex to FTA	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$ -	
Regional Priorities									
Regional Share (%)	MPO	\$202,968,036	\$240,090,826	\$50,742,009	\$60,022,706	\$253,710,045	\$300,113,532	\$245,657,642	\$ 54,455,890
3.5596	Berkshire Region	\$7,224,850	\$8,546,273	\$1,806,213	\$2,136,568	\$9,031,063	\$10,682,841	\$6,768,098	\$ 3,914,743
42.9671	Boston Region	\$87,209,479	\$103,160,065	\$21,802,370	\$25,790,016	\$109,011,849	\$128,950,081	\$108,908,329	\$ 20,041,752
4.5851	Cape Cod	\$9,306,287	\$11,008,404	\$2,326,572	\$2,752,101	\$11,632,859	\$13,760,506	\$11,209,113	\$ 2,551,393
8.6901	Central Mass	\$17,638,125	\$20,864,133	\$4,409,531	\$5,216,033	\$22,047,657	\$26,080,166	\$22,015,408	\$ 4,064,758
2.5397	Franklin Region	\$5,154,779	\$6,097,587	\$1,288,695	\$1,524,397	\$6,443,474	\$7,621,983	\$6,443,474	\$ 1,178,509
0.3100	Martha's Vineyard	\$629,201	\$744,282	\$157,300	\$186,070	\$786,501	\$930,352	\$0	\$ 930,352
4.4296	Merrimack Valley	\$8,990,672	\$10,635,063	\$2,247,668	\$2,658,766	\$11,238,340	\$13,293,829	\$11,238,340	\$ 2,055,489
4.4596	Montachusett	\$9,051,563	\$10,707,090	\$2,262,891	\$2,676,773	\$11,314,453	\$13,383,863	\$10,961,234	\$ 2,422,629
0.2200	Nantucket	\$446,530	\$528,200	\$111,632	\$132,050	\$558,162	\$660,250	\$0	\$ 660,250
3.9096	Northern Middlesex	\$7,935,238	\$9,386,591	\$1,983,810	\$2,346,648	\$9,919,048	\$11,733,239	\$9,524,030	\$ 2,209,209
4.5595	Old Colony	\$9,254,328	\$10,946,941	\$2,313,582	\$2,736,735	\$11,567,910	\$13,683,676	\$11,567,910	\$ 2,115,766
10.8100	Pioneer Valley	\$21,940,845	\$25,953,818	\$5,485,211	\$6,488,455	\$27,426,056	\$32,442,273	\$27,208,514	\$ 5,233,759
8.9601	Southeastern Mass	\$18,186,139	\$21,512,378	\$4,546,535	\$5,378,095	\$22,732,674	\$26,890,473	\$19,813,192	\$ 7,077,281
Highway**		\$339,110,872	\$392,976,320	\$77,990,959	\$77,990,959	\$417,101,831	\$470,967,279	\$415,292,003	\$ 55,675,276
Grand Total (Formula Programs Only)		\$680,537,333	\$788,636,044	\$140,535,247	\$153,592,717	\$821,072,580	\$942,228,761	\$809,360,405	\$ 132,868,356
Difference from Funds Available		\$0		\$86,310,531		\$86,310,531			

*FFY 2023-2027 Development STIP assumes 90% obligation limitation based on average of previous 5 years.

**Highway Program sizes subject to change following 2022 TIP Readiness Days Review



Statewide Transportation Improvement Program (STIP) Program Targets

Federal Fiscal Year 2024		2023-2027								
	Current Obligation Authority (federal aid only)	Proposed Obligation Authority (90% BIL)	Matching Funds	Proposed Matching Funds	FFY 2024(Current Targets (federal aid + match)	FFY 2024 - BIL (Proposed) (Fed Aid + Match)	FFY 2024 Programmed (Current)	Programmed vs. FFY 2024 Proposed Targets		
Balance Obligation Authority	\$643,686,929	\$753,409,685								
Planned Redistribution Request	\$50,000,000	\$50,000,000								
Total Non-earmarked Funding Available	\$693,686,929	\$803,409,685	\$231,228,976	\$154,932,461	\$924,915,905	\$958,342,146				
Planning/Adjustments/Pass-throughs	\$142,974,186	\$160,491,599	\$11,812,469	\$15,688,335	\$154,786,655	\$176,179,933	\$154,786,655	\$	21,393,278	
ABP GANS Repayment	\$93,985,000	\$93,985,000	\$0	\$0	\$93,985,000	\$93,985,000	\$93,985,000	\$	-	
Award Adjustments, Change Orders, etc.	\$12,383,176	\$27,227,636	\$2,938,744	\$6,461,594	\$15,321,920	\$33,689,230	\$15,321,920	\$	18,367,310	
Metropolitan Planning	\$10,008,876	\$11,103,730	\$2,502,219	\$2,775,933	\$12,511,095	\$13,879,663	\$12,511,095	\$	1,368,568	
State Planning & Research	\$20,431,055	\$22,934,299	\$5,107,764	\$5,733,575	\$25,538,819	\$28,667,873	\$25,538,819	\$	3,129,054	
Recreational Trails	\$1,186,729	\$1,186,729	\$296,682	\$296,682	\$1,483,411	\$1,483,411	\$1,483,411	\$	0	
Railroad Grade Crossings	\$2,000,000	\$2,371,999	\$222,222	\$0	\$2,222,222	\$2,371,999	\$2,222,222	\$	149,777	
SRTS Education	\$1,498,596	\$1,682,206	\$374,649	\$420,552	\$1,873,245	\$2,102,758	\$1,873,245	\$	229,513	
Transit Grant Program	\$1,480,754	\$0	\$370,189	\$0	\$1,850,943	\$0	\$1,850,943	\$	(1,850,943)	
Flex to FTA	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$	-	
Regional Priorities										
Regional Share (%)	MPO	\$205,628,284	\$243,250,477	\$51,407,071	\$60,812,619	\$257,035,353	\$304,063,096	\$245,196,969	\$	58,866,127
3.5596	Berkshire Region	\$7,319,544	\$8,658,744	\$1,829,886	\$2,164,686	\$9,149,430	\$10,823,430	\$8,804,198	\$	2,019,232
42.9671	Boston Region	\$88,352,510	\$104,517,676	\$22,088,128	\$26,129,419	\$110,440,638	\$130,647,095	\$110,440,638	\$	20,206,457
4.5851	Cape Cod	\$9,428,262	\$11,153,278	\$2,357,066	\$2,788,319	\$11,785,328	\$13,941,597	\$11,785,328	\$	2,156,269
8.6901	Central Mass	\$17,869,303	\$21,138,710	\$4,467,326	\$5,284,677	\$22,336,629	\$26,423,387	\$22,093,208	\$	4,330,179
2.5397	Franklin Region	\$5,222,342	\$6,177,832	\$1,305,586	\$1,544,458	\$6,527,928	\$7,722,290	\$4,591,249	\$	3,131,041
0.3100	Martha's Vineyard	\$637,448	\$754,076	\$159,362	\$188,519	\$796,810	\$942,596	\$796,810	\$	145,786
4.4296	Merrimack Valley	\$9,108,510	\$10,775,023	\$2,277,128	\$2,693,756	\$11,385,638	\$13,468,779	\$11,385,638	\$	2,083,141
4.4596	Montachusett	\$9,170,199	\$10,847,998	\$2,292,550	\$2,712,000	\$11,462,749	\$13,559,998	\$11,400,000	\$	2,159,998
0.2200	Nantucket	\$452,382	\$535,151	\$113,096	\$133,788	\$565,478	\$668,939	\$0	\$	668,939
3.9096	Northern Middlesex	\$8,039,243	\$9,510,121	\$2,009,811	\$2,377,530	\$10,049,054	\$11,887,651	\$9,249,040	\$	2,638,611
4.5595	Old Colony	\$9,375,622	\$11,091,006	\$2,343,906	\$2,772,751	\$11,719,528	\$13,863,757	\$7,037,491	\$	6,826,266
10.8100	Pioneer Valley	\$22,228,417	\$26,295,377	\$5,557,104	\$6,573,844	\$27,785,521	\$32,869,221	\$27,202,550	\$	5,666,671
8.9601	Southeastern Mass	\$18,424,500	\$21,795,486	\$4,606,125	\$5,448,872	\$23,030,625	\$27,244,358	\$20,410,819	\$	6,833,539
Highway		\$345,084,459	\$399,667,609	\$79,364,803	\$78,431,507	\$424,449,262	\$478,099,116	\$413,784,289	\$	64,314,827
Grand Total		\$693,686,929	\$803,409,685	\$142,584,342	\$154,932,461	\$836,271,269	\$958,342,146	\$813,767,913	\$	144,574,233

*FFY 2023-2027 Development STIP assumes 90% obligation limitation based on average of previous 5 years.

**Highway Program sizes subject to change following 2022 TIP Readiness Days Review



Statewide Transportation Improvement Program (STIP) Program Targets

Federal Fiscal Year 2025		Current Obligation Authority (federal aid only)	Proposed Obligation Authority (90% BIL)	Matching Funds	Proposed Matching Funds	FFY 2025 (Current Targets (federal aid + match))	FFY 2025 - BIL (Proposed) (Fed Aid + Match)	FFY 2025 Programmed (Current)	Programmed vs. FFY 2025 Proposed Targets
Balance Obligation Authority		\$657,110,754	\$768,478,798						
Planned Redistribution Request		\$50,000,000	\$50,000,000						
Total Non-earmarked Funding Available		\$707,110,754	\$818,478,798	\$139,089,947	\$109,327,957	\$846,200,701	\$927,806,755		
Planning/Adjustments/Pass-throughs		\$171,174,185	\$191,473,179	\$11,812,468	\$16,348,766	\$182,986,653	\$207,821,945	\$176,447,834	\$ 31,374,111
ABP GANS Repayment		\$122,185,000	\$122,185,000	\$0	\$0	\$122,185,000	\$122,185,000	\$122,185,000	\$ -
Award Adjustments, Change Orders, etc.		\$12,383,176	\$29,984,445	\$2,938,744	\$7,115,833	\$15,321,920	\$37,100,278	\$15,321,920	\$ 21,778,358
Metropolitan Planning		\$10,008,876	\$11,325,805	\$2,502,219	\$2,831,451	\$12,511,095	\$14,157,257	\$12,511,095	\$ 1,646,162
State Planning & Research		\$20,431,055	\$22,853,908	\$5,107,764	\$5,713,477	\$25,538,819	\$28,567,385	\$19,000,000	\$ 9,567,385
Recreational Trails		\$1,186,729	\$1,186,729	\$296,682	\$296,682	\$1,483,411	\$1,483,411	\$1,483,411	\$ 0
Railroad Grade Crossings		\$2,000,000	\$2,371,999	\$222,222	\$0	\$2,222,222	\$2,371,999	\$2,222,222	\$ 149,777
SRTS Education		\$1,399,349	\$1,565,293	\$349,837	\$391,323	\$1,749,186	\$1,956,617	\$1,749,186	\$ 207,431
Transit Grant Program		\$1,580,000	\$0	\$395,000	\$0	\$1,975,000	\$0	\$1,975,000	\$ (1,975,000)
Flex to FTA		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$ -
Regional Priorities									
Regional Share (%)	MPO	\$200,827,858	\$239,118,188	\$50,206,964	\$59,779,547	\$251,034,822	\$298,897,735	\$238,296,199	\$ 60,601,536
3.5596	Berkshire Region	\$7,148,668	\$8,511,651	\$1,787,167	\$2,127,913	\$8,935,835	\$10,639,564	\$8,153,760	\$ 2,485,804
42.9671	Boston Region	\$86,289,907	\$102,742,151	\$21,572,477	\$25,685,538	\$107,862,384	\$128,427,689	\$107,862,383	\$ 20,565,306
4.5851	Cape Cod	\$9,208,158	\$10,963,808	\$2,302,040	\$2,740,952	\$11,510,198	\$13,704,760	\$10,411,714	\$ 3,293,046
8.6901	Central Mass	\$17,452,142	\$20,779,610	\$4,363,036	\$5,194,902	\$21,815,178	\$25,974,512	\$18,679,131	\$ 7,295,381
2.5397	Franklin Region	\$5,100,425	\$6,072,885	\$1,275,106	\$1,518,221	\$6,375,531	\$7,591,106	\$6,375,531	\$ 1,215,575
0.3100	Martha's Vineyard	\$622,566	\$741,266	\$155,642	\$185,317	\$778,208	\$926,583	\$334,267	\$ 592,316
4.4296	Merrimack Valley	\$8,895,871	\$10,591,979	\$2,223,968	\$2,647,995	\$11,119,839	\$13,239,974	\$11,119,839	\$ 2,120,135
4.4596	Montachusett	\$8,956,119	\$10,663,715	\$2,239,030	\$2,665,929	\$11,195,149	\$13,329,643	\$11,183,187	\$ 2,146,456
0.2200	Nantucket	\$441,821	\$526,060	\$110,455	\$131,515	\$552,276	\$657,575	\$0	\$ 657,575
3.9096	Northern Middlesex	\$7,851,566	\$9,348,565	\$1,962,892	\$2,337,141	\$9,814,458	\$11,685,706	\$8,676,332	\$ 3,009,374
4.5595	Old Colony	\$9,156,746	\$10,902,594	\$2,289,187	\$2,725,648	\$11,445,933	\$13,628,242	\$10,458,468	\$ 3,169,774
10.8100	Pioneer Valley	\$21,709,491	\$25,848,676	\$5,427,373	\$6,462,169	\$27,136,864	\$32,310,845	\$23,991,612	\$ 8,319,233
8.9601	Southeastern Mass	\$17,994,377	\$21,425,229	\$4,498,594	\$5,356,307	\$22,492,971	\$26,781,536	\$21,049,975	\$ 5,731,561
Highway		\$335,108,710	\$387,887,431	\$77,070,514	\$33,199,644	\$412,179,224	\$421,087,075	\$412,451,446	\$ 8,635,629
Grand Total		\$707,110,753	\$818,478,798	\$139,089,947	\$109,327,957	\$846,200,699	\$927,806,755	\$827,195,479	\$ 100,611,276

*FFY 2023-2027 Development STIP assumes 90% obligation limitation based on average of previous 5 years.

**Highway Program sizes subject to change following 2022 TIP Readiness Days Review



Statewide Transportation Improvement Program (STIP) Program Targets

Federal Fiscal Year 2026		\$737,158,821.98	\$170,943,000							
		Current Obligation Authority (federal aid only)	Proposed Obligation Authority (90% BIL)	Matching Funds	Proposed Matching Funds	FFY 2026 (Current Targets (federal aid + match))	FFY 2026 - BIL (Proposed) (Fed Aid + Match)	FFY 2026 Programmed (Current)	Programmed vs. FFY 2026 Proposed Targets	
	Balance Obligation Authority	\$670,814,528	\$783,849,292							
	Planned Redistribution Request	\$50,000,000	\$50,000,000							
	Total Non-earmarked Funding Available	\$720,814,528	\$833,849,292	\$139,460,228	\$108,584,873	\$860,274,756	\$942,434,165			
	Planning/Adjustments/Pass-throughs	\$182,609,185	\$204,264,787	\$11,802,279	\$17,068,197	\$194,411,464	\$221,332,984	\$187,882,794	\$ 33,450,190	
	ABP GANS Repayment	\$133,620,000	\$133,620,000	\$0	\$0	\$132,620,000	\$133,620,000	\$133,620,000	\$ -	
	Award Adjustments, Change Orders, etc.	\$12,383,176	\$31,114,469	\$2,938,744	\$7,778,617	\$15,321,920	\$38,893,087	\$15,321,920	\$ 23,571,167	
	Metropolitan Planning	\$10,008,876	\$11,552,321	\$2,502,219	\$2,888,080	\$12,511,095	\$14,440,401	\$12,511,095	\$ 1,929,306	
	State Planning & Research	\$20,431,055	\$22,853,971	\$5,107,764	\$5,713,493	\$25,538,819	\$28,567,464	\$19,000,000	\$ 9,567,464	
	Recreational Trails	\$1,186,729	\$1,186,729	\$296,682	\$296,682	\$1,483,411	\$1,483,411	\$1,483,411	\$ 0	
	Railroad Grade Crossings	\$2,000,000	\$2,371,999	\$222,222	\$0	\$2,222,222	\$2,371,999	\$2,222,222	\$ 149,777	
	SRTS Education	\$1,399,349	\$1,565,298	\$364,659	\$391,324	\$1,823,293	\$1,956,622	\$1,749,146	\$ 207,476	
	Transit Grant Program	\$1,580,000	\$0	\$369,989	\$0	\$1,849,944	\$0	\$1,975,000	\$ (1,975,000)	
	Flex to FTA	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$ -	
	Regional Priorities									
	Regional Share (%)	MPO	\$195,612,737	\$233,268,128	\$48,903,185	\$58,317,032	\$244,515,922	\$291,585,161	\$210,364,252	\$ 81,220,909
	3.5596	Berkshire Region	\$6,963,031	\$8,303,412	\$1,740,758	\$2,075,853	\$8,703,789	\$10,379,265	\$8,703,788	\$ 1,675,477
	42.9671	Boston Region	\$84,049,120	\$100,228,550	\$21,012,280	\$25,057,138	\$105,061,400	\$125,285,688	\$84,712,046	\$ 40,573,642
	4.5851	Cape Cod	\$8,969,040	\$10,695,577	\$2,242,260	\$2,673,894	\$11,211,300	\$13,369,471	\$11,211,300	\$ 2,158,171
	8.6901	Central Mass	\$16,998,942	\$20,271,234	\$4,249,736	\$5,067,808	\$21,248,678	\$25,339,042	\$17,989,196	\$ 7,349,846
	2.5397	Franklin Region	\$4,967,977	\$5,924,311	\$1,241,994	\$1,481,078	\$6,209,971	\$7,405,388	\$3,619,452	\$ 3,785,936
	0.3100	Martha's Vineyard	\$606,399	\$723,131	\$151,600	\$180,783	\$757,999	\$903,914	\$0	\$ 903,914
	4.4296	Merrimack Valley	\$8,664,862	\$10,332,845	\$2,166,216	\$2,583,211	\$10,831,078	\$12,916,056	\$10,831,078	\$ 2,084,978
	4.4596	Montachusett	\$8,723,546	\$10,402,825	\$2,180,887	\$2,600,706	\$10,904,433	\$13,003,532	\$10,863,274	\$ 2,140,258
	0.2200	Nantucket	\$430,348	\$513,190	\$107,587	\$128,297	\$537,935	\$641,487	\$0	\$ 641,487
	3.9096	Northern Middlesex	\$7,647,676	\$9,119,851	\$1,911,919	\$2,279,963	\$9,559,595	\$11,399,813	\$9,559,595	\$ 1,840,218
	4.5595	Old Colony	\$8,918,963	\$10,635,860	\$2,229,741	\$2,658,965	\$11,148,704	\$13,294,825	\$11,148,703	\$ 2,146,122
	10.8100	Pioneer Valley	\$21,145,737	\$25,216,285	\$5,286,434	\$6,304,071	\$26,432,171	\$31,520,356	\$22,487,591	\$ 9,032,765
	8.9601	Southeastern Mass	\$17,527,097	\$20,901,058	\$4,381,774	\$5,225,264	\$21,908,871	\$26,126,322	\$19,238,229	\$ 6,888,093
	Highway	\$342,592,606	\$396,316,377	\$78,754,765	\$33,199,644	\$421,347,371	\$429,516,020	\$419,335,424	\$ 10,180,596	
	Grand Total	\$720,814,528	\$833,849,292	\$139,460,228	\$108,584,873	\$860,274,757	\$942,434,165	\$817,582,470	\$ 124,851,695	

*FFY 2023-2027 Development STIP assumes 90% obligation limitation based on average of previous 5 years.

**Highway Program sizes subject to change following 2022 TIP Readiness Days Review



Statewide Transportation Improvement Program (STIP) Program Targets

Federal Fiscal Year 2027		\$000,000,000							
		Assumed Obligation Authority (federal aid only)^	OA - BIL (Fed Aid only)*	Matching Funds	Matching Funds - BIL	FFY 2027 (Proposed) (Fed Aid + Match)	FFY 2027 - BIL (Proposed) (Fed Aid + Match)	FFY 2027 Programmed (Current)	Programmed vs. FFY 2027 Proposed Targets
Balance Obligation Authority		\$684,230,819	\$799,527,245						
Planned Redistribution Request		\$50,000,000	\$50,000,000						
Total Non-earmarked Funding Available		\$734,230,819	\$849,527,245	\$139,460,228	\$178,383,812	\$873,691,047	\$1,027,911,056		
Planning/Adjustments/Pass-throughs		\$185,261,368	\$198,247,416	\$11,802,279	\$15,563,854	\$197,063,647	\$213,811,271	\$0	\$ 213,811,271
ABP GANS Repayment		\$136,292,400	\$133,620,000	\$0	\$0	\$132,620,000	\$133,620,000		\$ 133,620,000
Award Adjustments, Change Orders, etc.		\$12,630,840	\$24,773,827	\$2,938,744	\$6,193,457	\$15,321,920	\$30,967,284		\$ 30,967,284
Metropolitan Planning		\$10,209,054	\$11,552,321	\$2,502,219	\$2,888,080	\$12,511,095	\$14,440,401		\$ 14,440,401
State Planning & Research		\$20,839,676	\$23,315,205	\$5,107,764	\$5,828,801	\$25,538,819	\$29,144,006		\$ 29,144,006
Recreational Trails		\$1,210,464	\$1,186,729	\$296,682	\$296,682	\$1,483,411	\$1,483,411		\$ 1,483,411
Railroad Grade Crossings		\$2,040,000	\$2,371,999	\$222,222	\$0	\$2,222,222	\$2,371,999		\$ 2,371,999
SRTS Education		\$1,427,336	\$1,427,336	\$364,659	\$356,834	\$1,823,293	\$1,784,170		\$ 1,784,170
Transit Grant Program		\$1,611,600	\$0	\$369,989	\$0	\$1,849,944	\$0		\$ -
Flex to FTA		\$0	\$0	\$0	\$0	\$0	\$0		\$ -
Regional Priorities									
Regional Share (%)		MPO							
3.5596 Berkshire Region		\$199,524,992	\$245,853,752	\$48,903,185	\$61,463,438	\$248,428,177	\$307,317,191	\$0	\$ 307,317,191
42.9671 Boston Region		\$7,102,292	\$8,751,410	\$1,740,758	\$2,187,853	\$9,031,063	\$10,939,263		\$ 10,939,263
4.5851 Cape Cod		\$85,730,102	\$105,636,228	\$21,012,280	\$26,409,057	\$109,011,849	\$132,045,285		\$ 132,045,285
8.6901 Central Mass		\$9,148,421	\$11,272,640	\$2,242,260	\$2,818,160	\$11,632,859	\$14,090,801		\$ 14,090,801
2.5397 Franklin Region		\$17,338,921	\$21,364,937	\$4,249,736	\$5,341,234	\$22,047,657	\$26,706,171		\$ 26,706,171
0.3100 Martha's Vineyard		\$5,067,337	\$6,243,948	\$1,241,994	\$1,560,987	\$6,443,474	\$7,804,935		\$ 7,804,935
4.4296 Merrimack Valley		\$618,527	\$762,147	\$151,600	\$190,537	\$786,501	\$952,683		\$ 952,683
4.4596 Montachusett		\$8,838,159	\$10,890,338	\$2,166,216	\$2,722,584	\$11,238,340	\$13,612,922		\$ 13,612,922
0.2200 Nantucket		\$8,898,017	\$10,964,094	\$2,180,887	\$2,741,023	\$11,314,453	\$13,705,117		\$ 13,705,117
3.9096 Northern Middlesex		\$438,955	\$540,878	\$107,587	\$135,220	\$558,162	\$676,098		\$ 676,098
4.5595 Old Colony		\$7,800,630	\$9,611,898	\$1,911,919	\$2,402,975	\$9,919,048	\$12,014,873		\$ 12,014,873
10.8100 Pioneer Valley		\$9,097,342	\$11,209,702	\$2,229,741	\$2,802,425	\$11,567,910	\$14,012,127		\$ 14,012,127
8.9601 Southeastern Mass		\$21,568,652	\$26,576,791	\$5,286,434	\$6,644,198	\$27,426,056	\$33,220,988		\$ 33,220,988
Highway		\$349,444,458	\$405,426,076	\$78,754,765	\$101,356,519	\$428,199,223	\$506,782,595	\$0	\$ 506,782,595
Grand Total		\$734,230,819	\$849,527,245	\$139,460,228	\$178,383,812	\$873,691,047	\$1,027,911,056	\$0	\$ 1,027,911,056

^FFY 2027 Totals are based on increasing program based on Current FY 2026 Program inflated 2%

*FFY 2023-2027 Development STIP assumes 90% obligation limitation based on average of previous 5 years.

**Highway Program sizes subject to change following 2022 TIP Readiness Days Review

APPENDIX H - TRANSPORTATION EVALUATION CRITERIA (TEC) FORMS

STATE PROJECT EVALUATION CRITERIA

Highway-funded Preservation Projects

PROJECT TYPE				OTHER IMPACT CRITERIA		
	Condition	Usage	Cost Effectiveness	Community Effects and Support	Land Use and Economic Development	Environmental and Air Quality/ Climate Effects
Roadway Maintenance	Extent of light and moderate cracking (Main) <input type="checkbox"/>	Annual Average Daily Traffic (AADT) <input type="checkbox"/>	Cost per Unit Change in Condition	Residential effects: right-of-way, noise, aesthetics, other <input type="checkbox"/>	Business effects: right-of-way, access, noise, traffic, parking, freight access other <input type="checkbox"/>	Air Quality/Climate effects <input type="checkbox"/>
Roadway Resurfacing						
Roadway Reconstruction	Measure of skid resistance (Main/Resurf) <input type="checkbox"/>	Percentage of Trucks <input type="checkbox"/>	Cost per Linear Mile	Public, local government, legislative, and regional support <input type="checkbox"/>	Sustainable development effects <input type="checkbox"/>	Water quality/supply effects; wetlands effects <input type="checkbox"/>
	Measure of rideability (Resurf/Recon) <input type="checkbox"/>	NHS Status <input type="checkbox"/>		Effect on service to minority or low income neighborhoods <input type="checkbox"/>		
	Measure of surface condition (Resurf/Recon) <input type="checkbox"/>		Cost per AADT	Other Impact/benefit to minority or low income neighborhoods <input type="checkbox"/>	Consistent with regional land-use and economic development plans <input type="checkbox"/>	Historic and cultural resource effects <input type="checkbox"/>
	Pavement structural adequacy (Recon) <input type="checkbox"/>			Effect on development and redevelopment of housing stock <input type="checkbox"/>	Effect on job creation. <input type="checkbox"/>	
Avg. Score (-3 to +3) <input type="checkbox"/>		Avg. Score (-3 to +3) <input type="checkbox"/>		Avg. Score (-3 to +3) <input type="checkbox"/>	Avg. Score (-3 to +3) <input type="checkbox"/>	Avg. Score (-3 to +3) <input type="checkbox"/>
						Total Score (-18 to +18) <input type="checkbox"/>

STATE PROJECT EVALUATION CRITERIA

Highway-funded Improvement/Expansion Projects

PROJECT TYPE	THRESHOLD TRANSPORTATION CRITERIA				OTHER IMPACT CRITERIA		
	Condition and Service Quality	Mobility	Safety and Security	Cost Effectiveness	Community Effects and Support	Land Use and Economic Development	Environmental and Air Quality/ Climate Effects
Arterials/Intersection	Magnitude of pavement condition improvement <input type="checkbox"/>	Effect on magnitude and duration of congestion <input type="checkbox"/>	Effect on crash rate compared to state average <input type="checkbox"/>	Cost per Unit Change in Condition	Residential effects: right-of-way, noise, aesthetics, other <input type="checkbox"/>	Business effects: right-of-way, access, noise, traffic, parking, freight access other <input type="checkbox"/>	Air Quality/Climate effects <input type="checkbox"/>
Major Highways	Magnitude of improvement of other infrastructure elements <input type="checkbox"/>	Effect on travel time and connectivity/access <input type="checkbox"/>	Effect on bicycle and pedestrian safety <input type="checkbox"/>	Cost per Linear Mile	Public, local government, legislative, and regional support <input type="checkbox"/>	Sustainable development effects <input type="checkbox"/>	Water quality/supply effects; wetlands effects <input type="checkbox"/>
			NHS Status <input type="checkbox"/>		Effect on service to minority or low income neighborhoods <input type="checkbox"/>		
		Effect on other modes using facility <input type="checkbox"/>		Cost per AADT	Other Impact/benefit to minority or low income neighborhoods <input type="checkbox"/>	Consistent with regional land-use and economic development plans <input type="checkbox"/>	Historic and cultural resource effects <input type="checkbox"/>
		Effect on regional and local traffic <input type="checkbox"/>			Effect on development and redevelopment of housing stock <input type="checkbox"/>	Effect on job creation. <input type="checkbox"/>	
Avg. Score (-3 to +3) <input type="checkbox"/>		Avg. Score (-3 to +3) <input type="checkbox"/>		Avg. Score (-3 to +3) <input type="checkbox"/>		Avg. Score (-3 to +3) <input type="checkbox"/>	
							Total Score (-18 to +18) <input type="checkbox"/>

STATE PROJECT EVALUATION CRITERIA

Highway-funded Other Enhancements (non-bike/ped) Projects

PROJECT TYPE	THRESHOLD TRANSPORTATION CRITERIA				OTHER IMPACT CRITERIA		
	Condition and Service Quality	Mobility	Safety and Security	Cost Effectiveness	Community Effects and Support	Land Use and Economic Development	Environmental and Air Quality/ Climate Effects
Other Enhancements (non-bike/ped)	The extent to which the project improves the transportation system <input type="checkbox"/>	Number of users <input type="checkbox"/>	Effect on user safety/ security <input type="checkbox"/>	Cost per user <input type="checkbox"/>	Residential effects: right-of-way, noise, aesthetics, other <input type="checkbox"/>	Business effects: right-of-way, access, noise, traffic, parking, freight access other <input type="checkbox"/>	Air Quality/Climate effects <input type="checkbox"/>
		The extent to which the project is coordinated with other projects <input type="checkbox"/>			Public, local government, legislative, and regional support <input type="checkbox"/>	Sustainable development effects <input type="checkbox"/>	Water quality/supply effects; wetlands effects <input type="checkbox"/>
		The extent to which the project provides other benefits <input type="checkbox"/>			Effect on service to minority or low income neighborhoods <input type="checkbox"/>		
					Other Impact/benefit to minority or low income neighborhoods <input type="checkbox"/>	Consistent with regional land-use and economic development plans <input type="checkbox"/>	Historic and cultural resource effects <input type="checkbox"/>
					Effect on development and redevelopment of housing stock <input type="checkbox"/>	Effect on job creation. <input type="checkbox"/>	
	Avg. Score (-3 to +3) <input type="checkbox"/>	Avg. Score (-3 to +3) <input type="checkbox"/>	Avg. Score (-3 to +3) <input type="checkbox"/>		Avg. Score (-3 to +3) <input type="checkbox"/>	Avg. Score (-3 to +3) <input type="checkbox"/>	Avg. Score (-3 to +3) <input type="checkbox"/>
							Total Score (-18 to +18) <input type="checkbox"/>

STATE PROJECT EVALUATION CRITERIA

Highway-funded Bicycle Pedestrian Enhancement Projects

PROJECT TYPE	THRESHOLD TRANSPORTATION CRITERIA				OTHER IMPACT CRITERIA		
	Condition and Service Quality	Mobility	Safety and Security	Cost Effectiveness	Community Effects and Support	Land Use and Economic Development	Environmental and Air Quality/ Climate Effects
Bicycle/ Pedestrian Facilities Enhancements	Magnitude of surface condition improvement <input type="checkbox"/>	Number of users <input type="checkbox"/>	Effect of Bicycle Comfort Index <input type="checkbox"/>	Cost per user <input type="checkbox"/>	Residential effects: right-of-way, noise, aesthetics, other <input type="checkbox"/>	Business effects: right-of-way, access, noise, traffic, parking, freight access other <input type="checkbox"/>	Air Quality/Climate effects <input type="checkbox"/>
	Magnitude of improvement of other infrastructure elements <input type="checkbox"/>	Effect on travel time/ access/ connectivity for existing users <input type="checkbox"/>	Effect on pedestrian safety <input type="checkbox"/>	Cost per linear mile <input type="checkbox"/>	Public, local government, legislative, and regional support <input type="checkbox"/>	Sustainable development effects <input type="checkbox"/>	Water quality/supply effects; wetlands effects <input type="checkbox"/>
		Consistent with State Bicycle and/ or Pedestrian Plans <input type="checkbox"/>			Effect on service to minority or low income neighborhoods <input type="checkbox"/>		
					Other Impact/benefit to minority or low income neighborhoods <input type="checkbox"/>	Consistent with regional land-use and economic development plans <input type="checkbox"/>	Historic and cultural resource effects <input type="checkbox"/>
					Effect on development and redevelopment of housing stock <input type="checkbox"/>	Effect on job creation. <input type="checkbox"/>	
	Avg. Score (-3 to +3) <input type="checkbox"/>	Avg. Score (-3 to +3) <input type="checkbox"/>	Avg. Score (-3 to +3) <input type="checkbox"/>		Avg. Score (-3 to +3) <input type="checkbox"/>	Avg. Score (-3 to +3) <input type="checkbox"/>	Avg. Score (-3 to +3) <input type="checkbox"/>
							Total Score (-18 to +18) <input type="checkbox"/>

**APPENDIX I - ANNUAL LISTING OF OBLIGATED (ADVERTISED)
PROJECTS**

Annual List of Obligated Projects - Advertised Projects (FFY 2022)

COMMUNITY	ID	ADVERTISED	DESCRIPTION	TOTAL COST	FEDERAL	STATE
PEMBROKE	600380	12/11/2021	PEMBROKE - REHABILITATION OF ROUTE 36 (CENTER STREET) FROM ROUTE 27 TO ROUTE 14	\$ 10,160,995	\$ 8,128,796	\$ 2,032,199
AVON & STOUGHTON	608496	10/25/2021	AVON - STOUGHTON - PAVEMENT PRESERVATION AND RELATED WORK ON ROUTE 24	\$ 7,339,593	\$ 5,871,674	\$ 1,467,919
			Total Cost of Projects:	\$ 17,500,588	\$ 14,000,470	\$ 3,500,118

APPENDIX J - COMPLETED HIGHWAY AND TRANSIT PROJECTS (2015 TO PRESENT; GREENHOUSE GAS (GHG) EMISSIONS ANALYSIS)

Old Colony 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) ▼
603660	BRIDGEWATER- SIGNAL & INTERSECTION IMPROVEMENTS AT STATE ROUTE 18 & HIGH STREET	\$ 1,259,683	Quantified	94,020.393	Quantified Decrease in Emissions from Traffic Operational Improvement		2015
601644	BROCKTON- RESURFACING & RELATED WORK ON WEST ELM STREET, FROM WARREN AVENUE TO WEST STREET (6,800 FT.)	\$ 5,022,800	Quantified	358,738.067	Quantified Decrease in Emissions from Traffic Operational Improvement		2015
606071	EASTON- SIGNAL & INTERSECTION IMPROVEMENTS @ ROUTE 138 (TURNPIKE STREET) AND ROUTE 106 (FOUNDRY STREET)	\$ 1,377,744	Quantified	59,301.843	Quantified Decrease in Emissions from Traffic Operational Improvement		2015
604957	PEMBROKE- RECONSTRUCTION ON ROUTE 14, FROM THE HANSON T.L. TO WASHINGTON STREET (ROUTE 53) AC PHASE 1 OF 2	\$ 9,188,746	Quantified	729.893	Quantified Decrease in Emissions from Traffic Operational Improvement		2016
608085	AVON - INSTALLATION OF A MEDIAN BARRIER ON HARRISON BOULEVARD	\$ 2,305,120	Quantified	989,860.450	Quantified Decrease in Emissions from Traffic Operational Improvement		2016
606036	BROCKTON - SIGNAL & INTERSECTION IMPROVEMENTS @ ROUTE 123 (BELMONT STREET)/LINWOOD STREET/ LORRAINE AVENUE	\$ 4,646,985	Quantified	73,162.015	Quantified Decrease in Emissions from Other Improvements		2016
607175	PLYMOUTH - RESURFACING & RELATED WORK ON ROUTE 3	\$ 15,745,980	Qualitative		Qualitative Decrease in Emissions		2016
605038	PLYMOUTH- RECONSTRUCTION OF TAYLOR AVENUE, FROM WHITE HORSE ROAD TO MANOMET POINT ROAD, INCLUDES BRIDGE REPLACEMENT OF P-13-010	\$ 8,726,144	Quantified	2,011.100	Quantified Decrease in Emissions from Other Improvements		2017
607438	EASTON- INTERSECTION IMPROVEMENTS AT WASHINGTON STREET (ROUTE 138) AND UNION STREET	\$ 2,659,239	Quantified	326,293.197	Quantified Decrease in Emissions from Traffic Operational Improvement		2018
607337	PEMBROKE- INTERSECTION IMPROVEMENTS AND RELATED WORK AT WASHINGTON STREET (ROUTE 53) AND PLEASANT STREET	\$ 2,264,709	Quantified	170,714.225	Quantified Decrease in Emissions from Traffic Operational Improvement		2018
606264	PLYMOUTH- IMPROVEMENTS ON OBERY STREET, FROM SOUTH STREET TO A.A. CARANCI WAY/PLYMOUTH NORTH H.S. DRIVE INTERSECTION	\$ 6,657,553	Quantified	583,159.967	Quantified Decrease in Emissions from Traffic Operational Improvement		2018
607860	WHITMAN- TRAFFIC SIGNAL IMPROVEMENTS & RELATED WORK ON BEDFORD STREET (ROUTE 18) AT 2 LOCATIONS: AUBURN STREET (ROUTE 14) & TEMPLE STREET (ROUTE 27)	\$ 5,990,816	Quantified	133,711.328	Quantified Decrease in Emissions from Traffic Operational Improvement		2018
608143	ABINGTON/ BROCKTON - NORTH QUINCY STREET, CHESTNUT STREET, AND BOUNDARY AVENUE ROUNDABOUT AND GEOMETRIC IMPROVEMENTS	\$ 1,218,906	Quantified	505,089.454	Quantified Decrease in Emissions from Traffic Operational Improvement		2019
607941	EAST BRIDGEWATER - RESURFACING AND SIDEWALK CONSTRUCTION ON BEDFORD STREET (ROUTE 18), FROM WHITMAN STREET (ROUTE 106) TO CENTRAL STREET	\$ 7,763,091	Quantified	1,525.300	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure		2019
608088	BROCKTON - CORRIDOR IMPROVEMENTS ON ROUTE 123 (BELMONT STREET), FROM ANGUS BEATON DRIVE TO WEST STREET	\$ 7,350,265	Quantified	205,184.676	Quantified Decrease in Emissions from Traffic Operational Improvement		2020
608266	PEMBROKE - RESURFACING AND RELATED WORK ON ROUTE 53	\$ 2,725,075	Qualitative		Qualitative Decrease in Emissions		2020
607217	EASTON - ROUTE 123 (DEPOT STREET) RECONSTRUCTION FROM NEWELL CIRCLE TO ROUTE 138	\$ 9,018,229	Quantified	132,862.633	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure		2021
608086	AVON - INTERSECTION IMPROVEMENTS AT HARRISON BOULEVARD AND POND STREET	\$ 4,969,007	Quantified	989,860.450	Quantified Decrease in Emissions from Traffic Operational Improvement		2021
608829	STOUGHTON- IMPROVEMENTS AT WEST ELEMENTARY SCHOOL (SRTS)	\$ 3,171,443	Qualitative		Qualitative Decrease in Emissions		2021
608496	AVON - STOUGHTON - PAVEMENT PRESERVATION AND RELATED WORK ON ROUTE 24	\$ 7,339,593	Qualitative		No assumed impact/negligible impact on emissions		2022
600380	PEMBROKE - REHABILITATION OF ROUTE 36 (CENTER STREET) FROM ROUTE 27 TO ROUTE 14	\$ 10,160,995	Quantified	3,776.201	Quantified Decrease in Emissions from Bicycle and Pedestrian Infrastructure		2022

Old Colony 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) ▼
111201	BAT	BUY REPLACEMENT 40-FT BUS (4)	\$ 1,960,000	Quantified	9,383.318	Quantified Decrease in Emissions from Bus Replacement		2016
111202	BAT	BUY REPLACEMENT 35-FT BUS (4)	\$ 2,000,000	Quantified	9,899.523	Quantified Decrease in Emissions from Bus Replacement		2016
111201	BAT	BAT ACQUIRE REPLACEMENT 40-FT BUS (4)	\$ 2,050,000	Quantified	20,577.935	Quantified Decrease in Emissions from Bus Replacement		2018
111302	BAT	BAT - ACQUIRE 35-FT BUS FOR EXPANSION (2) HYBRID	\$ 1,400,000	Quantified	23,611.723	Quantified Decrease in Emissions from New/Additional Transit Service		2018
111202	BAT	BAT ACQUIRE REPLACEMENT 35-FT BUS (6)	\$ 3,000,000	Quantified	30,866.902	Quantified Decrease in Emissions from Bus Replacement		2018
111203	BAT	BUY REPLACEMENT 30-FT BUS (2) BSU	\$ 500,000	Quantified	188,480.027	Quantified Decrease in Emissions from Bus Replacement		2019
111203	BAT	BUY REPLACEMENT 30-FT BUS (3) BSU	\$ 450,000	Quantified	280,178.756	Quantified Decrease in Emissions from Bus Replacement		2020
111201	BAT	BUY REPLACEMENT 40-FT BUS (4)	\$ 2,250,000	Quantified	246,174.712	Quantified Decrease in Emissions from Bus Replacement		2021
111201	BAT	BUY REPLACEMENT 40-FT BUS (3)	\$ 1,500,000	Quantified	273,484.385	Quantified Decrease in Emissions from Bus Replacement		2022

APPENDIX K - FFY 2023-2027 GREENHOUSE GAS (GHG) EMISSIONS ANALYSIS

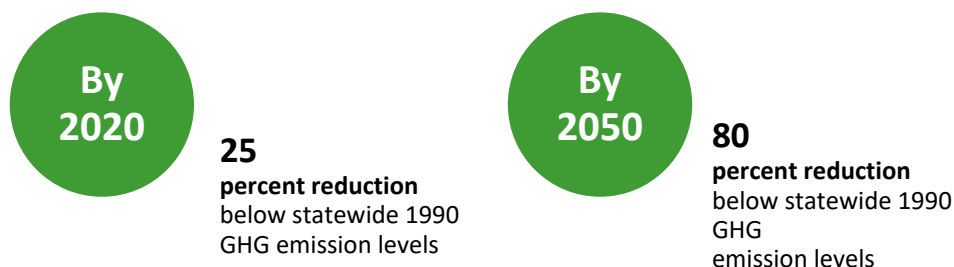
FFY 2023-2027 Transportation Improvement Program Greenhouse Gas Monitoring and Evaluation

Introduction

This section summarizes the greenhouse gas (GHG) impacts that are anticipated to result from the projects that are included in this FFY 2023-2027 Transportation Improvement Program (TIP). It includes a summary of the state laws and policies that call for reducing greenhouse gas in order to mitigate global climate change, actions that are being to respond to these state laws and policies, the role of regional planning and TIP development in reducing GHG emission and tracking these reductions, and the projected GHG emission impacts from the projects programmed in the TIP.

State Policy Context

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



The role of MPOs

The Commonwealth’s MPOs are integrally involved in supporting the GHG reductions mandated under the GWSA. The MPOs are most directly involved in helping to achieve the GHG emissions reductions through the promotion of healthy transportation modes through prioritizing and programming an appropriate balance of roadway, transit, bicycle and pedestrian investments – and assisting smart growth development patterns through the creation of a balanced multi-modal transportation system. This is realized through the transportation goals and policies espoused in the 2020-2040 Long Range Transportation Plans (LRTPs); the major projects planned in those LRTPs; and the mix of new transportation projects that are programmed and implemented through the TIPs. GHG tracking and evaluation

processes enable the MPOs to identify anticipated GHG impacts of planned and programmed projects, and also to use GHG impacts as a criterion in prioritizing transportation projects.

Project-level GHG tracking and evaluation in TIPs

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

Calculation of GHG Impacts for TIP Projects

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

Projects with quantified impacts

L RTP Projects

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

Quantified Decrease in Emissions

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

- **Quantified Decrease in Emissions from Traffic Operational Improvement** - An intersection reconstruction or signalization project that is projected to reduce delay and congestion.
- **Quantified Decrease in Emissions from Pedestrian and Bicycle Infrastructure** - A shared-use path that enables increased walking and biking and decreases vehicle-miles traveled (VMT).
- **Quantified Decrease in Emissions from New/Additional Transit Service** - A bus or shuttle service that enables increased transit ridership and decreased VMT
- **Quantified Decrease in Emissions from a Park and Ride Lot** - A park and ride lot that enables increased transit ridership/ increased ridesharing and decreased VMT
- **Quantified Decrease in Emissions from Bus Replacement** - a bus replacement that directly reduces GHG emissions generated by service.

- **Quantified Decrease in Emissions from Complete Streets Improvements** - Improvements to roadway networks that include the addition of bicycle and pedestrian accommodations where none were present before.
- **Quantified Decrease in Emissions from Alternative Fuel Vehicle Procurements** - A vehicle procurement where alternative fuel/advanced technology vehicles replace traditional gas or diesel vehicles.
- **Quantified Decrease in Emissions from Anti-idling Strategies** - Implementation of policies such as limiting idling allowed, incorporating anti-idling technology into fleets and using LED lights on trucks for the purpose of illuminating worksites.
- **Quantified Decrease in Emissions from Bike Share Projects** - A new bike share project or capacity added to an existing project.
- **Quantified Decrease in Emissions from Induced Travel Projects** - A project that changes roadway capacity
- **Quantified Decrease in Emissions from Speed Reduction Programs** - Programs that reduce speed to no less than 55 miles per hour.
- **Quantified Decrease in Emissions from Transit Signal Priority Projects** - A project that applies this technology to a signal intersection or along a corridor that impacts bus service.
- **Quantified Decrease in Emissions from Truck Stop Electrification Projects** - A new truck stop electrification project or capacity added to an existing project.
- **Quantified Decrease in Emissions from Other Improvement**

Quantified Increase in Emissions

- Projects expected to produce a measurable increase in emissions.

Projects with no assumed impacts

No Assumed Impact/Negligible Impact on Emissions

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

Qualitative Decrease in Emissions

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

Qualitative Increase in Emissions

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

Greenhouse gas impact tables for FFY 2023 - 2027 TIP

The tables summarizing the calculated quantitative and assumed qualitative impacts of the projects included in each regional FFY 2023-2027 TIP are found beginning on the next page.



Greenhouse Gas (GHG) Analysis Report

Program Activity: Highway

STIP: 2023 - 2027 (D)

MassDot Project ID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG CO2 Impact (kg/yr)	Additional Information
Federal Fiscal Year 2023					
Old Colony					
607403	STOUGHTON- CORRIDOR IMPROVEMENTS ON ROUTE 138	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	-3,546	
608279	STOUGHTON- INTERSECTION IMPROVEMENTS AND RELATED WORK AT CENTRAL STREET, CANTON STREET AND TOSCA DRIVE	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	-83,068	
Old Colony			Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	-86,614	
			Total GHG Difference (kg/year)	-86,614	
2023			Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	-86,614	
			Total GHG Difference (kg/year)	-86,614	
2023			Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	-86,614	
			Total GHG Difference (kg/year)	-86,614	



Greenhouse Gas (GHG) Analysis Report

Program Activity: Highway

STIP: 2023 - 2027 (D)

MassDot Project ID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG CO2 Impact (kg/yr)	Additional Information
Federal Fiscal Year 2024					
Old Colony					
607403	STOUGHTON- CORRIDOR IMPROVEMENTS ON ROUTE 138	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	-3,546	
609052	BROCKTON- INTERSECTION IMPROVEMENTS AT CENTRE STREET (ROUTE 123) AND PLYMOUTH STREET	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	-359,725	
609410	BROCKTON- INTERSECTION IMPROVEMENTS AND RELATED WORK AT CENTRE STREET (ROUTE 123), CARY STREET AND LYMAN STREET	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	-220,765	
609435	PLYMPTON- BRIDGE REPLACEMENT, P-14-001 (445), WINNETUXET ROAD OVER WINNETUXET RIVER		No assumed impact/negligible impact on emissions	0	
S12638	BROCKTON- SYSTEMIC COUNTERMEASURES/SAFE SYSTEMS IMPLEMENTATION CITY-WIDE		No assumed impact/negligible impact on emissions	0	
Old Colony			Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	-584,037	
			Total GHG Difference (kg/year)	-584,037	
2024			Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	-584,037	
			Total GHG Difference (kg/year)	-584,037	
2024			Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	-584,037	
			Total GHG Difference (kg/year)	-584,037	



Greenhouse Gas (GHG) Analysis Report

Program Activity: Highway

STIP: 2023 - 2027 (D)

MassDot Project ID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG CO2 Impact (kg/yr)	Additional Information
Federal Fiscal Year 2025					
Old Colony					
607818	BROCKTON- INTERSECTION IMPROVEMENTS AT LYMAN STREET/GROVE STREET/SUMMER STREET & REPLACEMENT OF GROVE STREET BRIDGE, B-25-005, OVER SALISBURY PLAIN RIVER	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	-6,779	
608195	EASTON- CORRIDOR IMPROVEMENTS ON ROUTE 138 INCLUDING INTERSECTION IMPROVEMENTS AT ROUTE 138 (WASHINGTON STREET) AND ELM STREET	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	-256,229	
Old Colony			Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	-263,008	
			Total GHG Difference (kg/year)	-263,008	
2025			Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	-263,008	
			Total GHG Difference (kg/year)	-263,008	
2025			Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	-263,008	
			Total GHG Difference (kg/year)	-263,008	



Greenhouse Gas (GHG) Analysis Report

Program Activity: Highway

STIP: 2023 - 2027 (D)

MassDot Project ID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG CO2 Impact (kg/yr)	Additional Information
Federal Fiscal Year 2026					
Old Colony					
606002	DUXBURY- SIGNAL INSTALLATION @ ROUTE 3 (NB & SB) RAMPS & ROUTE 3A (TREMONT STREET)	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	-253,538	
608506	HANSON- CORRIDOR IMPROVEMENTS ON ROUTE 14 (MAQUAN STREET), FROM THE PEMBROKE T.L. TO INDIAN HEAD STREET AND RELATED WORK	Quantified	Quantified Decrease in Emissions from Complete Streets Project	-9,577	
609440	ABINGTON- INTERSECTION IMPROVEMENTS AT HANCOCK STREET AND CHESTNUT STREET	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	-692,501	
611979	AVON- INTERSECTION IMPROVEMENTS AT ROUTE 28, SPRING STREET AND HARRISON BOULEVARD	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	-1,164,393	
Old Colony			Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	-2,120,009	
			Total GHG Difference (kg/year)	-2,120,009	
2026			Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	-2,120,009	
			Total GHG Difference (kg/year)	-2,120,009	
2026			Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	-2,120,009	
			Total GHG Difference (kg/year)	-2,120,009	



Greenhouse Gas (GHG) Analysis Report

Program Activity: Highway

STIP: 2023 - 2027 (D)

MassDot Project ID	MassDOT Project Description	GHG Analysis Type	GHG Impact Description	GHG CO2 Impact (kg/yr)	Additional Information
Federal Fiscal Year 2027					
Old Colony					
606143	BROCKTON- INTERSECTION IMPROVEMENTS @ CRESCENT STREET (ROUTE 27)/QUINCY STREET/MASSASOIT BOULEVARD	Quantified	Quantified Decrease in Emissions from Traffic Operational Improvement	-94,824	
608506	HANSON- CORRIDOR IMPROVEMENTS ON ROUTE 14 (MAQUAN STREET), FROM THE PEMBROKE T.L. TO INDIAN HEAD STREET AND RELATED WORK	Quantified	Quantified Decrease in Emissions from Complete Streets Project	-9,577	
Old Colony			Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	-104,401	
			Total GHG Difference (kg/year)	-104,401	
2027			Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	-104,401	
			Total GHG Difference (kg/year)	-104,401	
2027			Total GHG Increase (kg/year)	0	
			Total GHG Reduction (kg/year)	-104,401	
			Total GHG Difference (kg/year)	-104,401	

2023 Old Colony Region Transportation Improvement Program

MassDOT/FTA Project ID ▼	MassDOT/FTA Project Description ▼	Total Programmed Funds ▼	GHG Analysis Type ▼	GHG CO ₂ Impact (kg/yr) ▼	GHG Impact Description ▼	Total Cost ▼	Additional Information ▼	Fiscal Year of Contract Award (2015 and forward) ▼
RTD0011361	BAT - BUY REPLACEMENT 35-FT BUS ELECTRIC (5)	\$ 6,500,000	Quantified	-8041047.812	Quantified Decrease in Emissions from Bus Replacement	\$ 6,500,000		2023

2024 Old Colony Region Transportation Improvement Program

MassDOT/FTA Project ID ▼	MassDOT/FTA Project Description ▼	Total Programmed Funds ▼	GHG Analysis Type ▼	GHG CO ₂ Impact (kg/yr) ▼	GHG Impact Description ▼	Total Cost ▼	Additional Information ▼	Fiscal Year of Contract Award (2015 and forward) ▼
RTD0011363	BAT - BUY REPLACEMENT 40-FT BUS ELECTRIC (4)	\$ 4,600,000	Quantified	-6432838.25	Quantified Decrease in Emissions from Bus Replacement	\$ 4,600,000		2024
RTD0011364	BAT - BUY REPLACEMENT 35-FT BUS ELECTRIC (2)	\$ 2,300,000	Quantified	-3216419.125	Quantified Decrease in Emissions from Bus Replacement	\$ 2,300,000		2024

2026 Old Colony Region Transportation Improvement Program

MassDOT/FTA Project ID ▼	MassDOT/FTA Project Description ▼	Total Programmed Funds ▼	GHG Analysis Type ▼	GHG CO ₂ Impact (kg/yr) ▼	GHG Impact Description ▼	Total Cost ▼	Additional Information ▼	Fiscal Year of Contract Award (2015 and forward) ▼
RTD0011366	BAT - BUY REPLACEMENT 35-FT BUS ELECTRIC (5)	\$ 6,100,000	Quantified	-8041047.812	Quantified Decrease in Emissions from Bus Replacement	\$ 6,100,000		2026

APPENDIX L - FFY 2023-2027 GATRA TRANSIT ELEMENT

Greater Attleboro Taunton Transit Authority (GATRA) - Draft Capital Improvement Program (CIP) List

Fiscal Year 2023

UPIN	Project Title	Bond Cap State 100% State	Federal FTA Section 5307	Federal FTA Section 5337	Federal FTA Section 5339 Non-Competitive	Operating Additional State Assistance State Contract Assistance	Other Municipal and Local Transit	Total
BCG0010646	GATRA - Short Range Transit Planning	\$0	\$80,000	\$0	\$0	\$20,000	\$0	\$100,000
BCG0010647	GATRA - Preventative Maintenance	\$0	\$4,080,000	\$0	\$0	\$1,020,000	\$0	\$5,100,000
BCG0010648	GATRA - Fixed Route Operating Assistance	\$0	\$600,000	\$0	\$0	\$600,000	\$0	\$1,200,000
BCG0010649	GATRA - Non Fixed Route ADA Paratransit Operating	\$0	\$1,200,000	\$0	\$0	\$300,000	\$0	\$1,500,000
BCG0010650	GATRA - Buy Replacement Vans - 6	\$0	\$0	\$0	\$0	\$0	\$650,000	\$650,000
BCG0010651	GATRA - Rehab-Renovation Attleboro Area Commuter Rail Stations	\$0	\$0	\$1,013,370	\$0	\$0	\$253,343	\$1,266,713
BCG0010660	GATRA - Mobility Management	\$0	\$140,000	\$0	\$0	\$35,000	\$0	\$175,000
BCG0010670	GATRA - Miscellaneous Support Equipment	\$20,000	\$80,000	\$0	\$0	\$0	\$0	\$100,000
TBD	GATRA - Buy Replacement 35-FT Buses (2)	\$360,000	\$1,440,000	\$0	\$0	\$0	\$0	\$1,800,000

Fiscal Year 2024

UPIN	Project Title	Bond Cap State 100% State	Federal FTA Section 5307	Federal FTA Section 5337	Federal FTA Section 5339 Non-Competitive	Operating Additional State Assistance State Contract Assistance	Other Municipal and Local Transit	Total
BCG0010652	GATRA - Rehab-Renovation Attleboro Area Commuter Rail Stations	\$0	\$0	\$1,030,800	\$0	\$0	\$257,700	\$1,288,500
BCG0010653	GATRA - Miscellaneous Support Equipment	\$20,000	\$80,000	\$0	\$0	\$0	\$0	\$100,000
BCG0010654	GATRA - Short Range Transit Planning	\$20,000	\$80,000	\$0	\$0	\$0	\$0	\$100,000
BCG0010655	GATRA - Buy Replacement 35-FT Buses (2) - BEB	\$360,000	\$1,440,000	\$0	\$0	\$0	\$0	\$1,800,000
BCG0010656	GATRA - Buy Replacement Vans - 8	\$0	\$0	\$0	\$0	\$0	\$530,000	\$530,000
BCG0010657	GATRA - Non Fixed Route ADA Paratransit Operating	\$0	\$1,280,000	\$0	\$0	\$320,000	\$0	\$1,600,000
BCG0010658	GATRA - Fixed Route Operating Assistance	\$0	\$650,000	\$0	\$0	\$650,000	\$0	\$1,300,000
BCG0010659	GATRA - Preventative Maintenance	\$0	\$2,800,000	\$0	\$0	\$700,000	\$0	\$3,500,000
BCG0010661	GATRA - Mobility Management	\$0	\$140,000	\$0	\$0	\$35,000	\$0	\$175,000
BCG0011418	GATRA - East Maintenance Facility	\$600,000	\$0	\$0	\$0	\$0	\$0	\$3,000,000

Fiscal Year 2025

UPIN	Project Title	Bond Cap State 100% State	Federal FTA Section 5307	Federal FTA Section 5337	Federal FTA Section 5339 Non-Competitive	Operating Additional State Assistance State Contract Assistance	Other Municipal and Local Transit	Total
BCG0010662	GATRA - Mobility Management	\$0	\$140,000	\$0	\$0	\$35,000	\$0	\$175,000
BCG0010663	GATRA - Non Fixed Route ADA Paratransit Operating	\$0	\$1,320,000	\$0	\$0	\$330,000	\$0	\$1,650,000
BCG0010664	GATRA - Fixed Route Operating Assistance	\$0	\$650,000	\$0	\$0	\$650,000	\$0	\$1,300,000
BCG0010665	GATRA - Buy Replacement Vans - 8	\$0	\$0	\$0	\$0	\$0	\$532,000	\$532,000
BCG0010666	GATRA - Preventative Maintenance	\$0	\$4,480,000	\$0	\$0	\$1,120,000	\$0	\$5,600,000
BCG0010667	GATRA - Short Range Transit Planning	\$0	\$80,000	\$0	\$0	\$20,000	\$0	\$100,000
BCG0010668	GATRA - Rehab-Renovation Attleboro Area Commuter Rail Stations	\$0	\$0	\$1,048,530	\$0	\$0	\$262,133	\$1,310,663
BCG0010669	GATRA - Buy Replacement 35-FT Buses (2) - BEB	\$320,000	\$240,000	\$0	\$1,040,000	\$0	\$0	\$1,600,000
BCG0011419	GATRA - East Maintenance Facility	\$1,451,391	\$0	\$0	\$0	\$0	\$0	\$7,256,956

Greater Attleboro Taunton Transit Authority (GATRA) - Draft Capital Improvement Program (CIP) List

Fiscal Year 2026

UPIN	Project Title	Bond Cap State 100% State	Federal FTA Section 5307	Federal FTA Section 5337	Federal FTA Section 5339 Non-Competitive	Operating Additional State Assistance State Contract Assistance	Other Municipal and Local Transit	Total
BCG0010671	GATRA - Mobility Management	\$0	\$140,000	\$0	\$0	\$35,000	\$0	\$175,000
BCG0010672	GATRA - Short Range Transit Planning	\$0	\$80,000	\$0	\$0	\$20,000	\$0	\$100,000
BCG0010673	GATRA - Preventative Maintenance	\$0	\$4,480,000	\$0	\$0	\$1,120,000	\$0	\$5,600,000
BCG0010674	GATRA - Non Fixed Route ADA Paratransit Operating	\$0	\$1,320,000	\$0	\$0	\$330,000	\$0	\$1,650,000
BCG0010675	GATRA - Fixed Route Operating Assistance	\$0	\$750,000	\$0	\$0	\$750,000	\$0	\$1,500,000
BCG0010676	GATRA - Miscellaneous Support Equipment	\$20,000	\$80,000	\$0	\$0	\$0	\$0	\$100,000
BCG0010677	GATRA - Buy Replacement Vans - 8	\$0	\$0	\$0	\$0	\$0	\$625,000	\$625,000
BCG0011420	GATRA - East Maintenance Facility	\$300,350	\$0	\$0	\$0	\$0	\$0	\$1,501,751

Fiscal Year 2027

UPIN	Project Title	Bond Cap State 100% State	Federal FTA Section 5307	Federal FTA Section 5337	Federal FTA Section 5339 Non-Competitive	Operating Additional State Assistance State Contract Assistance	Other Municipal and Local Transit	Total
BCG0011411	GATRA - Miscellaneous Support Equipment	\$20,000	\$80,000	\$0	\$0	\$0	\$0	\$100,000
BCG0011412	GATRA - Non Fixed Route ADA Paratransit Operating	\$0	\$1,320,000	\$0	\$0	\$330,000	\$0	\$1,650,000
BCG0011413	GATRA - Mobility Management	\$0	\$140,000	\$0	\$0	\$35,000	\$0	\$175,000
BCG0011414	GATRA - Buy Replacement Vans - 8	\$0	\$0	\$0	\$0	\$0	\$700,000	\$700,000
BCG0011415	GATRA - Short Range Transit Planning	\$0	\$80,000	\$0	\$0	\$20,000	\$0	\$100,000
BCG0011416	GATRA - Fixed Route Operating Assistance	\$0	\$0	\$0	\$0	\$750,000	\$0	\$1,500,000
BCG0011417	GATRA - Preventative Maintenance	\$0	\$0	\$0	\$0	\$1,120,000	\$0	\$5,600,000
BCG0011422	GATRA - Buy Replacement 35-FT Buses (2) - BEB	\$360,000	\$0	\$0	\$0	\$0	\$0	\$1,800,000

APPENDIX M - TWENTY-ONE (21) DAY PUBLIC REVIEW - NOTICE OF AVAILABILITY AND PUBLIC COMMENTS



Christine Joy, President | Mary Waldron, Executive Director

(508) 583-1833

70 School Street, Brockton, MA 02301

www.ocpcrpa.org

April 19, 2022

NOTICE OF PUBLIC REVIEW AND COMMENT PERIOD

**FFY 2022-2026 TRANSPORTATION IMPROVEMENT PROGRAM (TIP) AMENDMENT 1
FFY 2023-2027 TRANSPORTATION IMPROVEMENT PROGRAM (TIP)**

Old Colony Planning Council (OCPC) is making the FFY 2022-2026 TIP Amendment 1 and the FFY 2023-2027 TIP available for a 21-Day Public Review and Comment Period. Copies will be available at <http://www.ocpcrpa.org/>, and/or upon request. This process will be used as Brockton Area Transit Authority's (BAT) public participation process. BAT, the Federal Transit Administration (FTA) Section 5307(c) applicant, has consulted with the Old Colony Metropolitan Planning Organization (MPO) and concurs that the public involvement process adopted by the MPO for development of the TIP satisfies the public hearing requirements that pertain to the development of the Program of Projects for the regular Section 5307, Urbanized Area Formula Program, grant applications including the provisions for public notice and the time established for public review and comment. Public notice of public involvement activities and time established for public review and comments on the TIP will satisfy the program of projects (POP) requirements. The public discussion of the TIP at meetings of the Old Colony Joint Transportation Committee (JTC) and Old Colony MPO satisfy the Program of Projects (POP) public hearing requirements of the FTA. A public meeting of the Old Colony JTC is scheduled for May 5, 2022 at 12 PM, and a public meeting of the Old Colony MPO is scheduled for May 17, 2022 at 10 AM to hear additional public comments and consider endorsement. Please contact Charles Kilmer at 508-583-1833 Extension 206 for information.

Please send written comments to:

Charles Kilmer
Old Colony Planning Council
70 School Street
Brockton, MA 02301
ckilmer@ocpcrpa.org

LEGAL ADVERTISEMENTS

Notice of Twenty-One Day Public Review and Comment Period appeared in the following:

- The Brockton Enterprise - April 19, 2022
- The Ojournal - April 22, 2022
- The Patriot Ledger - April 19, 2022

PUBLIC COMMENTS

**APPENDIX N - TIP PROJECT REVISION AND DEFINITION PROCEDURES,
AND APPROVED ADJUSTMENTS, ADMINISTRATIVE MODIFICATIONS,
AND AMENDMENTS**

MassDOT State Transportation Improvement Program (STIP) Project Revision Definitions and Procedures

The STIP is a “living” document and is likely to be modified during the course of the year. The definitions and procedures outlined in this section are followed when project based revisions to the STIP are necessary.

Definitions of STIP Revision Procedures

Amendment: A revision to the State Transportation Improvement Program (STIP) that requires public review and demonstration of financial constraint. The public process for a STIP amendment requires a publicly advertised 21-day public comment period and for MassDOT to address any public commentary prior to sending to the Federal Highway Administration (FHWA) and Federal Transit Administration (FTA) for review and approval.

Adjustment: A revision to the STIP that does not require a public process, but that is required to be included in a MassDOT STIP action with a demonstration of financial constraint for FHWA/FTA approval.

Administrative Modification: A revision to the STIP that is minor enough in nature to require neither a public process nor FHWA/FTA approval, but that does involve a notification to federal partners.

Highway Project STIP Revision Definitions and Procedures

Type of Revision	Definition	Procedure	Notes
Major Project Cost Change	Increase or decrease of \$500,000 or greater for projects programmed under \$5,000,000 and greater than 10% of the total cost for projects programmed over \$5,000,000.	Amendment	The “increase” or “decrease” in cost is relative to the Total Federal Participating Cost (TFPC) of a project.
Minor Project Cost Change	Increase or decrease of \$499,999 or less for projects programmed under \$5,000,000 and less than 10% of the total cost for projects programmed over \$5,000,000.	Adjustment	See above.
Project Description Change	Change in the description of the project as it is listed in the STIP.	Adjustment or Administrative Modification	Project description changes are treated as administrative modifications for minor changes (e.g. spelling errors, more detailed descriptions, adding mile-markers, etc.).
Major Project Scope Change	A revision to the project scope large enough to necessitate an additional review by MassDOT’s Project Review Committee (PRC) – typically accompanied by major project cost change.	Amendment	In some cases, a major scope change will require the initiation of a new project through MassDOT’s Project Initiation Form (PIF), and review/approval by PRC. This would require deactivation and removal of the currently programmed project.
Minor Project Scope Change	A minor revision to the project scope that does not significantly alter the original PRC-approved scope of work.	Adjustment	In many cases, changes in this category will also include a minor cost change.
Project Addition	The programming of a new project in any federal fiscal year of the active TIP.	Amendment or Adjustment	Project additions are treated as amendments if the project was not part of any previously approved STIP that has been vetted through the public process.
Project Removal	The removal of a project in any federal fiscal year of the active TIP.	Amendment	Exception: if a project is removed from an active TIP or the STIP due to it being previously advanced/advertised, or is moved to the statewide list from a regional TIP, the action would be considered an adjustment.
Change in Funding Source	A change in the project’s funding source, including federal and non-federal sources which fall within the project cost change revisions listed above.	Adjustment	Changes in funding sources for projects are permissible for advertisement purposes if the FHWA Division Office has been consulted.
Change in Additional Information	A change in any item listed in the “Additional Information” column of the STIP not covered in any other item listed here (e.g. earmark details, project proponent, etc.)	Administrative Modification	N/A
Change in Year of Programming	Moving a currently programmed project earlier or later than an originally programmed year.	Amendment	Changes to a project delivery schedule (advancement or delay) requires an amendment for the change in programmed FFY.

Transit Project STIP Revision Definitions and Procedures

Type of Revision	Definition	Procedure	Notes
Major Project Cost Change	Increase or decrease of \$500,000 or greater for projects under \$5,000,000 and greater than 10% of the total cost for projects exceeding \$5,000,000.	Amendment	The “increase” or “decrease” in cost is relative to the combined federal and non-federal aid participating cost of the project.
Minor Project Cost Change	Increase or decrease of \$499,999 or less for projects under \$5,000,000 and less than 10% of the total cost for projects exceeding \$5,000,000.	Adjustment	See above.
Project Description Change	Change in the description of the project as it is listed in the STIP.	Adjustment or Administrative Modification	Project description changes are treated as administrative modifications for minor changes (e.g. spelling errors, more detailed descriptions, etc.).
Major Project Scope Change	A revision to the project scope deemed large enough to require public review and comment (e.g. changing the number of stations)	Amendment	In many cases, changes in this category will also include a major cost change.
Minor Project Scope Change	A minor revision to the project scope that does not significantly alter the original scope of work (e.g. changes to the bus model for vehicle replacement projects).	Adjustment	In many cases, changes in this category will also include a minor cost change.
Project Addition	The programming of a new project in any federal fiscal year of the current TIP.	Amendment or Adjustment	Project additions are treated as amendments if the project was not part of any previously approved STIP that has been vetted through the public process.
Project Removal	The removal of a project in any federal fiscal year of the current TIP.	Amendment	Exception: if a project is removed from a TIP or the STIP due to it being previously advanced/advertised, or is moved to the statewide list from a regional TIP, the action would be considered an adjustment.
Change in Funding Source	Change in the funding source, including federal and non-federal sources that fall within project cost change revisions listed in the first two rows.	Adjustment	Changes in funding sources for projects are permissible for obligation purposes with written notice from the FTA region office.
Change in Year of Programming	Moving a currently programmed project earlier or later than the originally programmed year.	Amendment or Adjustment	<p>Note: Federal funds shall be programmed in the federal fiscal year in which the award will occur.</p> <p>Changes in year of programming are only treated as adjustments if they involve advancing federal funds to align with the year of the grant award.</p>

Exceptions

Although MassDOT typically holds a 21-day public comment period for amendments, in the event of extenuating circumstances beyond the agency's control, the comment period may be shortened or waived in consultation with FHWA Division Office and/or the FTA Regional Office. Additionally, MassDOT may make exceptions to the procedures outlined above and treat amendments as adjustments and/or adjustments as administrative modifications, but these exceptions will also require coordination with and concurrence by MassDOT's federal partners and the affected MPO.

Draft FFY 2023-2027 Transportation Improvement Program (TIP)

Summary

The TIP serves as a prioritized listing of highway, bridge, and transit projects for implementation during the next five (5) federal fiscal years that reflect the needs of the regional transportation system. In addition, the TIP is fiscally constrained based on expected federal funding, and it contains projects that are consistent with the Long Range Transportation Plan (LRTP).

Over the upcoming five years, the TIP provides the following funding:

- **\$68.3 Million** - 11 Road Projects and 1 Bridge Project. Since the release of the Draft TIP to a public review and comment period, MassDOT has added two bridge projects in Duxbury (Route 3 (Pilgrim Highway) NB/SB Bridge Replacement Over Franklin Street - FFY 2023 (\$25,643,895), and Powder Point Avenue Bridge Replacement Over Duxbury Bay - FFY 2027 (\$47,428,063) and \$109,829,647 over FFYs 2028 through 2030). These two additional bridge project will be added to the final version of the TIP.
 - **\$26.0 Million** - Brockton Area Transit Authority (BAT) capital assistance, including the replacement of 17 fixed route buses

2023

- **Stoughton** - Intersection Improvements and Related Work at Central Street, Canton Street and Tosca Drive (\$4,419,676)
- **Stoughton** - Corridor Improvements on Route 138 AC Phase 1 of 2 (Total Cost is \$11,213,856 with FFY 2023 Cost of \$9,264,000 and FFY 2024 Cost of \$1,949,856)
- TO BE ADDED: **Duxbury** - Bridge Replacement, D-14-010 (48H & 48J), Route 3 (Pilgrim Highway) NB/SB Over Franklin Street (\$25,643,895)

2024

- **Stoughton** - Corridor Improvements on Route 138 AC Phase 2 of 2 (Total Cost is \$11,213,856 with FFY 2023 Cost of \$9,264,000 and FFY 2024 Cost of \$1,949,856)
- **Brockton** - Route 123 (Centre Street) at Plymouth Street Signalization and Geometric Improvements (\$2,251,087)
- **Brockton** - Intersection Improvements and Related Work at Centre Street (Route 123), Cary Street and Lyman Street (\$3,074,203)
- **Brockton** - Systemic Countermeasures/ Safe Systems Implementation City-Wide (\$4,000,000)
- **Plympton** - Bridge Replacement, Winnetuxet Road over Winnetuxet River (\$2,062,345)

2025

- **Brockton** - Intersection Improvements at Lyman Street/ Grove Street/ Summer Street & Replacement of Grove Street Bridge, B-25-005, over Salisbury Plain River (\$4,536,000)

- **Easton** - Corridor Improvements on Route 138 Including Intersection Improvements at Route 138 (Washington Street) and Elm Street (\$6,983,302)

2026

- **Abington** - Intersection Improvements at Hancock Street and Chestnut Street (\$5,374,667)
- **Avon** - Intersection Improvements at Route 28, Spring Street and Harrison Boulevard (\$4,200,000)
- **Duxbury** - Signal Installation @ Route 3 (NB & SB) Ramps & Route 3A (Tremont Street) (\$2,688,000)
- **Hanson** - Corridor Improvements on Route 14 (Maquan Street), from the Pembroke T.L. to Indian Head Street and Related Work AC Phase 1 of 2 (Total Cost is \$11,548,342 with FFY 2026 Cost of \$5,232,158 and 2027 Cost of \$6,316,184)

2027

- **Brockton** - Intersection Improvements @ Crescent Street (Route 27)/ Quincy Street/ Massasoit Boulevard (\$6,148,928)
- **Hanson** - Corridor Improvements on Route 14 (Maquan Street), From the Pembroke T.L. to Indian Head Street and Related Work AC Phase 2 of 2 (Total Cost is \$11,548,342 with FFY 2026 Cost of \$5,232,158 and 2027 Cost of \$6,316,184)
- TO BE ADDED: **Duxbury** - Bridge Replacement, D-14-003 (438), Powder Point Avenue over Duxbury Bay. Advance Construction Phase 1 of 4. Project is Advance Constructed over 2027, 2028, 2029, and 2030. FFY 2027 amount is \$47,428,063, with balance

of \$109,829,647 over FFYS 2028-2030 (Total Cost is \$157,257,710)

OLD COLONY PLANNING COUNCIL
OTHER POST-EMPLOYMENT BENEFITS LIABILITY TRUST FUND

DECLARATION OF TRUST

WITNESSETH

WHEREAS, the Old Colony Planning Council (“OCPC”) has duly re-adopted M.G.L. c.32B, §20, as amended by Chapter 218 of the Acts of 2016, by a vote of the Council, as the OCPC legislative body, on _____ and has authorized the creation of a Health and Welfare Trust Fund which shall be known as the Old Colony Planning Council Other Post-Employment Benefits Liability Trust Fund (“OPEB Trust”); and

WHEREAS, the OCPC has established certain post-employment benefits, other than pensions, for eligible retired employees and their eligible dependents; and

WHEREAS, consistent with the provisions of GASB Statements 74 and 75, the funds which will be contributed to the OPEB Trust, as and when received by the OPEB Trust, and earnings and losses thereon shall constitute a trust fund which shall be irrevocable and shall be held for the benefit of eligible retirees in accordance with OCPC retiree health plan; and

WHEREAS, consistent with the provisions of GASB 74 and GASB 75, the OPEB Trust assets shall be legally protected from creditors of the OCPC; and

WHEREAS, it is intended that this OPEB Trust shall qualify as a tax-exempt trust performing an essential governmental function within the meaning of Section 115 of the Internal Revenue Code of 1986, as amended; and

WHEREAS, pursuant to M.G.L. c. 32B, § 20(c), as well as by Council vote taken on _____, the Treasurer of the OCPC is the custodian of the OPEB Trust; and

WHEREAS, pursuant to M.G.L. c 32B, §§ 20(d) and (e), the Council has voted on _____ to establish a five (5) person OPEB Trust Board of Trustees; and

WHEREAS, pursuant to M.G.L. c. 32B, § 20(g), the Council voted on _____ to authorize investment of OPEB Trust fund monies pursuant to the Prudent Investor Rule established in M.G.L. c. 203C; and

WHEREAS, on _____, the Board of Trustees of the Trust Fund (“Trust Fund Board”) voted to amend and restate the Trust Fund Declaration pursuant to Article VI, Section 1 of the Trust Fund Declaration; and

NOW, THEREFORE, is hereby established the following amended and restated OPEB Trust:

ARTICLE I
DEFINITIONS

- 1.1 “Code” means the Internal Revenue Code of 1986, as amended from time to time.
- 1.2 “ERISA” means the Employee Retirement Income Security Act of 1974, as amended from time to time and any successor statute.
- 1.3 “GASB, 74, and 75” shall mean Government Accounting Standards Board, Statement Nos., 74, and 75, accounting and Financial Reporting by Employers for Post-Employment Benefits Other Than Pensions, as applicable and as may be in effect at the time of this Declaration of Trust
- 1.4 “Governing Body” means the Council.
- 1.5 “Governmental Unit” means the OCPC.
- 1.6 “Investing Authority” means the Board of Trustees designated by the governmental unit to invest and reinvest the OPEB Fund using the investment standard pursuant to M.G.L. c. 32B, § 20.
- 1.7 “Eligible Retiree” means those retirees and/or their spouses and/or dependents who are properly enrolled in a Retirees’ Health Insurance Plan or other OPEB benefit offered by _____, and who qualify as eligible under eligibility rules and guidelines adopted by the Council as stated in the _____ Policies and Procedures Handbook.

ARTICLE II
ESTABLISHMENT AND PURPOSE OF THE TRUST FUND

- 2.1 There is hereby established the Old Colony Planning Council Other Post-Employment Benefits Liability Trust Fund (“OPEB Trust”).
- 2.2 The purpose of this OPEB Trust is to collect, hold, manage, and preserve assets properly appropriated by the Council, to meet the current and future liabilities of the OCPC for the

group health insurance benefits for retirees and their dependents all in accordance with the requirements of M.G.L. c. 32B, § 20.

- 2.3 Such assets include all the money and property, of every kind and character, including principal and income, held by the OPEB Trust.
- 2.4 In no event may any individual receive any benefit from this Trust Fund, unless such individual is specifically authorized by the Council to be an “Eligible Retiree.”

ARTICLE III
DESIGNATION OF BOARD OF TRUSTEES

- 3.1 The OPEB Trust shall be administered by a five (5) person Board of Trustees (the “Board”), pursuant to M.G.L. c. 32B. §§ 20(d) and (e).
- 3.2 The composition of the Board will be as follows:
 - a. A person with investment the experience desired by the OCPC as appointed by the OCPC Chief Executive Officer.
 - b. A citizen of one of the participating seventeen (17) communities of the OCPC as appointed by the OCPC Chief Executive Officer.
 - c. A current employee of the OCPC as elected by vote of the current OCPC employees by ballot.
 - d. A retiree of the OCPC as elected by vote of the current OCPC retirees by ballot.
 - e. An officer of the OCPC as appointed by the OCPC Chief Executive Officer.
- 3.3 The term of the elected members of the Board will be for three (3) years and the term of the appointed members of the Board will be for five (5) years.
- 3.4 All trustee elections shall be conducted, to the extent practical, consistent with the procedures set forth in 840 CMR 7.01-7.13 and not in contradiction to any of the requirements of M.G.L. c. 32B, § 20.
- 3.5 Should a trustee no longer possess the statutory qualifications for Board membership, that person shall simultaneously, by action of this Declaration of Trust, be considered to have resigned his/her position on the Board. Some examples would include, but not be limited to the following:
 - a. The OCPC employee trustee leaves OCPC by retirement, resignation, termination, death, or any other reason; the OCPC officer trustee ceases to be an officer of the

OCPC by retirement, resignation, termination, death, or any other reason; the citizen trustee no longer resides in one of the seventeen (17) participating OCPC communities; or the investment experience trustee no longer has the experience required by the OCPC.

- 3.6 Once a trustee has resigned, either by action of the trustee or by action of the Declaration of Trust, from the Board, said trustee shall promptly and without unreasonable delay, deliver to the OCPC's office, located at 70 School Street in Brockton, MA, 02301, any and all records, documents, or other items in his/her possession or under his/her control belonging to the OPEB Trust.
- 3.7 If a vacancy on the Board occurs prior to the end of the trustee's term, a trustee may be elected or selected in the same manner as predecessor trustee to serve for the remainder of the term.
- 3.8 Trustees shall be eligible for re-appointment and re-election.
- 3.9 All terms applying to the Board and any individual trustee may be amended, from time to time and with no less than thirty (30) days written notice to the Council, by the Board and consistent with M.G.L. c. 32B, § 20.

ARTICLE IV ADMINISTRATION OF TRUST FUND

- 4.1 The Board shall keep records of account and records of all the trustee's transactions. All such records of account and records of transactions shall be subject to inspection and audit as required by municipal finance laws, rules and regulations.
- 4.2 These records, along with any Trust related documentation, shall be stored at the OCPC's business office, located at 70 School Street in Brockton, MA 02301.
- 4.2 The Board shall provide reports to the Council on an annual basis and as otherwise requested, in writing, by the Council regarding the status and investments of the OPEB Trust and any actions taken with regard to the assets of the OPEB Trust.

ARTICLE V
POWERS AND DUTIES OF THE OPEB BOARD OF TRUSTEES

- 5.1 In operating and administering the OPEB Trust, the Board shall have the power and/or duty:
- a. To establish the policies and rules pursuant to which the OPEB Trust is to be operated and administered which shall be consistent with M.G.L. c.32B, §20, as it may be amended from time to time.
 - b. To make, adopt, or repeal rules and regulations not inconsistent with the terms of this Declaration of Trust, as amended, if the Board may deem it necessary or desirable for the conduct of their business and the government of themselves, their officers, agents and other representatives.
 - c. To pay or provide for the payment of all reasonable and necessary expenses of administering the affairs of the OPEB Trust, including but without limitation to the matters herein set forth, all expenses which may be incurred in connection with the establishment of the OPEB Trust, the employment of such administrative, investment, legal, accounting, expert, consultative, and clerical assistance, the purchase or leasing of such premises and the purchase for lease of such materials, supplies and equipment as the Board, in its discretion, find necessary or appropriate in the performance of their duties; provided, however, that the Board shall not be required to incur any of the foregoing expenses unless monies are available in the OPEB Trust for such purpose.
 - d. To authorize, transfer and/or expand the corpus and related interest of the OPEB Trust, in accordance with the requirements of M.G.L. c. 32B, § 20
 - e. To invest and reinvest any monies in the OPEB Trust as the Board sees fit, in its sole discretion, as long as such investments are made in accordance with applicable law, including, but not limited to, the Prudent Investor Rule pursuant to M.G.L. c. 203C, M.G.L. c. 44, § 54, or M.G.L. c. 32A, §§ 24 and 24A.
 - f. To act in a fiduciary capacity, discharging its duties for the primary purpose of enhancing the value of the OPEB Trust, acting with the care, skill, prudence and diligence under the circumstances then prevailing that a prudent person

acting in a like capacity and familiar with such matters would use in the conduct of an enterprise with like character and with like aims, and diversifying the investments in the OPEB Trust to minimize the risk of large losses, unless under the circumstances it is clearly prudent not to do so.

- g. To hold sums uninvested, without liability to the Board to pay any interest thereon, as part of the OPEB Trust, in such amounts and for such periods of time as the Board in its sole discretion deems desirable.
- h. To purchase as a general administrative expense of the OPEB Trust so-called director's liability insurance and other insurance for the benefit of the OPEB Trust and/or the protection of the Board, OPEB Trust employees, and/or OPEB Trust agents against any losses by reason of errors or omissions or breach of fiduciary duty or negligence.
- i. To purchase fidelity bonds covering the Board and any other fiduciary to the OPEB Trust to protect the OPEB Trust against losses by reason of theft by fiduciaries.
- j. To verify the occurrence of statements and information submitted on contribution forms, claim forms and other forms.
- k. To keep true and accurate books and account and records of all the transactions of the OPEB Trust and to have an audit made of the OPEB Trust, its books, accounts, by a certified public accountant, annually, when necessary in the opinion of the Board, or by request of the Council.
- l. To issue such financial statements as the Board may deem proper, and to determine when and how frequently such statements shall be issued and the method for the distribution thereof.
- m. To construe the provisions of this Declaration of Trust and terms used herein, in order to effectuate the purpose of the OPEB Trust.
- n. To delegate any of their ministerial powers and duties, including but not limited to the investment and reinvestment of any monies in the OPEB Trust, to any agent or employee engaged by the Board.
- o. To perform and do any and all acts, whether or not expressly authorized herein, which the Board may deem expedient for the protection of the

property held hereunder and for the administration of the OPEB Trust, although the power to do such acts is not specifically set forth within.

- p. To withdraw monies from the OPEB Trust account(s) by checks and to allow designation and authorization of an employee or trustee to sign checks or make wire or electronic payments upon such specific bank accounts as the Board may designate or establish.

ARTICLE VI
LIABILITY AND INDEMNIFICATION OF TRUSTEES

- 6.1 Neither the Board nor any individual trustee shall incur any liability by acting in good faith upon any instrument, application, notice, request, signed letter, telegram or other paper or document believed by the Board or trustee to be genuine and to contain a true statement of facts and believed to have been made, executed and delivered by the parties purporting to have made, executed, or delivered same.
- 6.2 So long as either the Board or any individual trustee commits no acts of breach of fiduciary duty, willful dishonesty, or intentional violation of law, neither the Board nor the trustee shall be held personally answerable or personally liable for (1) any liabilities or debts contracted by the Board, or for the non-fulfillment of contracts; or (2) for any error or judgment or for any loss arising out of any act or omission in the execution of the OPEB Trust; or (3) for the acts or omissions, whether or not performed by, or at the request of, the Board, or any employee, agent, advisor, or attorney elected or appointed by or working for the Board.
- 6.3 Neither the Board nor an individual trustee shall be liable for the application of any part of the OPEB Trust or for any other liability arising in connection with the administration or operation of the OPEB Trust, except as provided herein.
- 6.4 The Board and any individual trustee shall be protected from personal civil liability to the extent provided for in M.G.L. c. 32B, § 20(f) and M.G.L. c.258, and shall be indemnified by the OPEB Trust against any civil claim, action, award, compromise, settlement or judgment by reason of an intentional tort to the full extent and condition allowed by these statutes.

- 6.5 The OPEB Trust shall pay as a general expense of administration, the costs and expenses, including legal fees, for any action, suit or proceeding related to the OPEB Trust brought against the Board or any individual trustee; provided, however, that the OPEB Trust shall not indemnify the Board or any individual Trustee for expense in an action or damages awarded in such action where there is: 1) a breach of fiduciary duty; 2) an act of willful dishonesty; or 3) an intentional violation of law by the Board or an individual trustee.
- 6.6 The Board and any individual trustee may rely upon and shall be protected for any action taken upon the advice, opinion, records, reports or recommendation of legal counsel or certified public accountant selected by the Board with reasonable care, in connection with any matter pertaining to the administration or application of the OPEB Trust. No successor trustee shall be responsible for any acts or defaults of any prior trustee, or for any losses or expenses resulting from or occasioned by anything done or neglected to be done in the administration of the OPEB Trust prior to his/her becoming a trustee, nor be required to inquire into or take any notice of the prior administration of the OPEB Trust.
- 6.7 The Board may seek protection by any act or proceeding that the Board may deem necessary in order to settle their accounts; the Board may obtain a judicial determination or declaratory judgment as to any question of construction of this Declaration of Trust or as to any act thereunder. The cost and expenses of any action, suit, or proceeding brought by the Board, which costs and expenses shall include counsel fees, shall be paid from the OPEB Trust.
- 6.8 The Board may require the Council to execute a release of liability after an audit of the OPEB Trust by a certified public accountant that discloses that all affairs are in proper order, thus entitling the Board to a release in favor of the Board or any individual trustee, his/her heirs, executors, administrators and assigns.
- 6.9 The Board shall not be bound by any notice, declaration, regulations, advise or request unless and until it shall have been received by the Board at the principal place of the business of the OPEB Trust.
- 6.10 The Board shall receive no compensation as such for their services hereunder. However, the Board and any individual trustee shall be reimbursed from the OPEB Trust for all reasonable and necessary expenses incurred on behalf of the OPEB Trust or in connection with the Board's duties hereunder.

ARTICLE VII
CUSTODY OF TRUST FUNDS

- 7.1 OCPC's Treasurer shall serve as Custodian of the OPEB Trust. All funds in the OPEB Trust shall be accounted for separately from all other funds of the OCPC.
- 7.2 The Treasurer/Custodian shall establish one or more checking accounts, which may be interest bearing or non-interest bearing accounts. Such checking account or accounts shall be funded solely from the OPEB Trust, and the Custodian may draw on such checking accounts for the payment of group health insurance benefits for retirees and their dependents, all in accordance with the requirements of M.G.L. c. 32B, § 20 and for the payment or reasonable administrative expenses of the Trust Fund.

ARTICLE VIII
AMENDMENTS; TERMINATION OF TRUST FUND

- 8.1 This Declaration of Trust may be amended by the Board, with written notice to the Council made no less than thirty (30) days before any such amendment is made. No amendment shall be adopted which: 1) alters the OPEB Trust as then constituted or any part thereof, to a purpose or use other than those authorized herein; 2) conflicts with any applicable law or government regulation; 3) increases the burdens or obligations of the OCPC; 4) conflicts in any way with any term or provision of any agreement which authorizes the creation of the OPEB Trust by the Council; or 5) affects the tax exempt status of the OPEB Trust.
- 8.2 This OPEB Trust shall terminate at the discretion of the Board, with ninety (90) days written notice to the Council, by a written execution by the Board. In no event, however, shall this OPEB Trust extend beyond the date when the corpus of the OPEB Trust is exhausted.
- 8.3 Should the purpose for which the Council created the OPEB Trust as articulated in this Declaration of Trust be impossible to achieve, any funds remaining in the OPEB Trust shall revert to the OCPC.

ARTICLE IX
GENERAL

- 9.1 Title to the OPEB Trust shall be vested in and remain exclusively in the Board and no employer, union, retiree, any dependent, or any other party or legal entity shall have any right, title or interest in the OPEB Trust nor any right to contributions to be made thereto, nor any claim against any party on account thereof, except only as provided from time to time by this Declaration of Trust. No contributions to be made hereunder shall be deemed wages due to Eligible Retirees.
- 9.2 The OPEB Trust shall not be subject in any manner to anticipation, alienation, sale, transfer, assignment, pledge, encumbrance or charge by any person other than the Board, and its duly authorized representatives, and by the Board or such representatives, only to the extent and for the purposes as herein specifically provided, or as otherwise specifically authorized.
- 9.3 The OPEB Trust shall be held and maintained for the exclusive benefit of the otherwise Eligible Retirees and their dependents.
- 9.4 The Board is authorized to execute any notice, certificate or other instrument in writing and all persons, partnerships, corporations or associations may rely thereupon that the execution of any such notice or instrument has been duly authorized and is binding on the OPEB Trust and the Board.
- 9.5 The provisions of this Declaration of Trust shall be liberally construed in order to promote and effectuate the establishment and operation of the OPEB Trust herein mentioned.
- 9.7 This Declaration of Trust is created and accepted in the Commonwealth of Massachusetts. All questions pertaining to its validity, construction, and administration shall be determined in accordance with the laws of the Commonwealth of Massachusetts. Further, venue for any action arising out this Declaration of Trust will lie exclusively in the state and federal courts of the Commonwealth of Massachusetts.
- 9.8 This Declaration of Trust and any amendments hereto may be executed in one or more counterparts. The signature of a party on any counterpart shall be sufficient evidence of his/her execution hereof. Each counterpart shall be deemed an original, but all of which shall constitute one and the same Agreement.

9.9 The Board shall convene a meeting of the OPEB Trust, consistent with M.G.L. c. 30A, §§18-25, at least two (2) times per fiscal year (July 1st – June 30th) or at the request of the Council as needed in the determination of the Council. Any such meeting of the OPEB Trust shall occur on the same day as a meeting of the Council, if so requested by the Council.

ARTICLE X

SEVERABILITY

10.1 In the event that any provision of the Declaration of Trust shall be held illegal or invalid for any reason, said illegality or invalidity shall not affect the remaining provision of the Declaration of Trust; the provision of provisions held illegal or invalid shall be fully severable, and the Declaration of Trust shall be construed and enforced as if said illegal or invalid provisions had never been inserted hereto.

ARTICLE XI

QUORUM

11.1 A quorum for the Board shall consist of no less than three (3) trustees, provided that at least one (1) of the trustees present is an elected member of the Board.

{Remainder of Page Intentionally Left Blank}

IN WITNESS WHEREOF, The undersigned does hereby set their hands and seal on this
_____ day of _____, 2022

_____,
Old Colony Planning Council
Investment Trustee

_____,
Old Colony Planning Council
Elected Employee Trustee

_____,
Old Colony Planning Council
Officer Trustee

_____,
Old Colony Planning Council
Citizen Trustee

_____,
Old Colony Planning Council
Elected Retiree Trustee