

June 20, 2023 Old Colony MPO Meeting
Agenda Item 1
Call to Order, Accessibility Statement and
Title VI Nondiscrimination Statement, and Introductions

Summary

Call to Order, Accessibility Statement and Title VI Nondiscrimination Statement, Roll Call, and Introductions

Accessibility Statement and Title VI Nondiscrimination Statement

“This meeting is accessible to people with disabilities. Microphones or telephones will be used by all speakers. If you would like this accommodation, please contact Mary Waldron at 508-583-1833. Thank you.”

“The Notice of Nondiscrimination Rights and Protections to Beneficiaries with regard to the Federal Title VI/Nondiscrimination Protections and the State Nondiscrimination Protections is included on this meeting’s agenda and is available on the Old Colony Planning Council Website at <https://oldcolonyplanning.org/>. Please contact Mary Waldron at 508-583-1833 for more information. Thank you.”

June 20, 2023 Old Colony MPO Meeting
Agenda Item 2
Public Comments

Summary

Public comments.

June 20, 2023 Old Colony MPO Meeting
Agenda Item 3
Minutes of May 16, 2023 Old Colony MPO Meeting

Summary

The Old Colony MPO is respectfully asked to consider approval of the May 16, 2023 Old Colony MPO Meeting Minutes.

OLD COLONY METROPOLITAN PLANNING ORGANIZATION (MPO)

Minutes of the Old Colony MPO Virtual Meeting, May 16, 2023 - 10:00 A.M., Held Via Zoom

Signatories Present:

Stephen Woelfel, Representing Gina Fiandaca, Secretary and CEO, MassDOT
Shaun Handy, Representing Jonathan Gulliver, Administrator, MassDOT Highway Division
James Downey, Representing Lee Hartmann, Director of Planning and Development, Town of Plymouth
Jay DeGrace, Representing Mayor Robert Sullivan, City of Brockton
Dan Salvucci, Vice-Chair, Board of Selectmen, Whitman
Michael Lambert, Administrator, Brockton Area Transit (BAT)
Rebecca Coletta, President, Old Colony Planning Council (OCPC)

Others Present:

Bob Rulli, Bridgewater
Joseph DePasquale, Brockton
Glenn Geiler, Brockton Area Transit Authority
Chris Ryan, Duxbury
Jim Fitzgerald, Environmental Partners
Mary Ellen DeFrias, Greater Attleboro Taunton Regional Transit Authority
Valerie Massard, Kingston
Michelle Ho, MassDOT
Raissah Kouame, MassDOT
Derek Krevat, MassDOT
Barbara Lachance, MassDOT District 5
Greg Lucas, Tighe & Bond
Tracy Altrich, West Bridgewater
Shawn Bailey, OCPC
Ray Guarino, OCPC
Charles Kilmer, OCPC
Guoqiang Li, OCPC
Bill McNulty, OCPC
Kyle Mowatt, OCPC
Mary Waldron, OCPC

1. Call to Order and Introductions

Chairperson Stephen Woelfel called the meeting to order at 10:02 A.M. and then read the meeting accessibility statement, and the Title VI Notice of Protection Statement. Charles Kilmer conducted the roll and announced there was a quorum present.

2. Public Comments

There were no public comments.

3. Minutes of the April 18, 2023 Meeting

OLD COLONY METROPOLITAN PLANNING ORGANIZATION (MPO)

Chairperson Woelfel asked the MPO Members for comments or changes regarding the minutes of the April 18, 2023 meeting.

Dan Salvucci made a motion and Becky Coletta seconded to endorse the minutes of the April 18, 2023 meeting.

There being no changes, the Old Colony MPO then voted via roll call to endorse the minutes of the April 18, 2023 Old Colony MPO Meeting.

4. Brockton Area Transit (BAT) Report

Michael Lambert reported on the following:

- Ridership continues to increase and is setting records post quarantine-wise. At 75% pre-Covid ridership. Service has been added on the 10, 11, and 9 Routes, which now serves Signature Health Office area, which has received more demand since the fire at Brockton Hospital.
- Rockland Micro-Transit Service has been doubling in ridership every two months. Still in soft launch phase. Ready to do a full launch shortly.
- Proposed upcoming TIP Projects will be discussed later: 1.) Transition to Battery Electric Buses. Recently completed the Transition Report and shows that routes and system map all support a transition to electric buses. 2.) State of Good Repair (Buildings, Buses, Facilities) 3.) Basic Customer Amenities and Improvements 4.) Working with OCPC on Title VI Update and Report

5. MassDOT District 5 Updates on Projects Under Design or Construction

Barbara Lachance provided an update on projects under design or construction. They are as follows:

STOUGHTON - INTERSECTION IMPROVEMENTS AND RELATED WORK AT CENTRAL STREET, CANTON STREET AND TOSCA DRIVE

- PS&E Review was completed in April
- On schedule for advertising in September

STOUGHTON - CORRIDOR IMPROVEMENTS ON ROUTE 138 (AC YEAR 1)

- Advertising this summer
- Changed project limits due to Article 97 impacts. Current project is from Lincoln Street to just north of Charles Avenue. The new project will be from just north of Charles Avenue to the Canton Town Line. This new project will be brought to PRC later this month and is an advanced stage of design.

BROCKTON - INTERSECTION IMPROVEMENTS AT CENTRE STREET (ROUTE 123) AND PLYMOUTH STREET

- 25% has been received and is under review

BROCKTON - INTERSECTION IMPROVEMENTS AT LYMAN STREET/GROVE STREET/SUMMER STREET & REPLACEMENT OF GROVE STREET BRIDGE, B-25-005, OVER SALISBURY PLAIN RIVER

- At 25% design; Revised 25% design is due June 1

OLD COLONY METROPOLITAN PLANNING ORGANIZATION (MPO)

- Hydraulics and geo-technical reports were received in March and are under review

EASTON - CORRIDOR IMPROVEMENTS ON ROUTE 138 INCLUDING INTERSECTION IMPROVEMENTS AT ROUTE 138 (WASHINGTON STREET) AND ELM STREET

- At 75% Design; 100% design submission due at end of May

ABINGTON - INTERSECTION IMPROVEMENTS AT HANCOCK AND CHESTNUT STREET

- At 25% Design; Awaiting 75% Design Submission
- Need new schedule

KINSTON/DUXBURY - INTERSECTION IMPROVEMENTS AT ROUTE 3 RAMPS AND ROUTE 3A

- Less than 25% Design; Awaiting 25% Design Submission

HANSON - CORRIDOR IMPROVEMENTS ON ROUTE 14 FROM PEMBROKE TOWN LINE

- At 25% Design; Need an update from the Town

AVON - INTERSECTION IMPROVEMENTS AT ROUTE 28, SPRING STREET AND HARRISON BOULEVARD

- At Pre-25%

ABINGTON - INTERSECTION IMPROVEMENTS, RANDOLPH STREET AND RICHARD A FITTS DRIVE (ROUTE 139) AT CHESTNUT STREET AND OLD RANDOLPH STREET

- Pre 25% Design
- Pre-Scoping meeting was held last Fall

HANOVER - CORRIDOR IMPROVEMENTS ON ROUTE 139 AT MAIN STREET/CENTER STREET/SILVER STREET

- Pre 25% Design
- Kickoff meeting is scheduled for May 19th

BROCKTON - INTERSECTION IMPROVEMENTS AT 123, PEARL STEET, AND STONEHILL STREET

- Pre 25% Design
- Kickoff meeting was held May 12th

6. FFY 2023-2027 Transportation Improvements Program (TIP) Amendments and/ or Adjustments

- **Amendment 3 - Public Comments and Potential Endorsement**

Bill McNulty noted that The Old Colony MPO released Amendment 3 to the FFY 2023-2027 TIP to a 21-Day Public Review and Comment Period on April 18, 2023.

Amendment 3 includes the following change:

The City of Brockton has been awarded a Strengthening Mobility and Revolutionizing Transportation (SMART) Program Grant from the United States Department of Transportation in the amount of \$1,496,630 for its Downtown Brockton Transportation Technology Project. Per the project schedule, this

OLD COLONY METROPOLITAN PLANNING ORGANIZATION (MPO)

BIL Discretionary Grant award must be programmed in the FFY 2023 element of the FFY 2023-2027 Transportation Improvement Program (TIP).

FFY 2023

BROCKTON - DOWNTOWN BROCKTON TRANSPORTATION TECHNOLOGY PROJECT

- Total Project Cost Is **\$1,496,630**
- Project is 100% funded by Bipartisan Infrastructure Law (BIL) Discretionary Grant and does not affect existing programmed projects or regional target.

Comments received are as follows:

Date	Name	Representation	Comment or Summary	Response
4/26/2023	Old Colony Planning Council (OCPC) Board of Directors	Old Colony Region	The OCPC Board of Directors, at their public meeting on April 26, 2023, reviewed and approved Amendment 3 to the FFY 2023-2027 Old Colony TIP.	Noted.
5/4/2023	Old Colony Joint Transportation (JTC)	Old Colony Region	The Old Colony JTC, at their public meeting on May 4, 2023, reviewed and approved Amendment 3 to the FFY 2023-2027 Old Colony TIP	Noted.

Chairperson Woelfel asked if there is a motion to Endorse Amendment 3.

The motion was made by Dan Salvucci and was seconded by Michael Lambert.

The Old Colony MPO then voted unanimously via roll call to endorse Amendment 3.

7. Development of FFY 2024-2028 Old Colony Transportation Improvement Program (TIP)

- **Public Comments and Potential Endorsement**

Bill McNulty provided an overview of the FFY 2024-2028 Old Colony TIP.

Comments Received are as follows:

4/21/2023	Raissah Kouame	MassDOT	Reviewed and provided MPO Liaison TIP Checklist. Please see attached checklist for detail.	Noted. Thank you for the review and provision of Checklist and Comment. Staff are working to align Final TIP with provided comments and suggestions.
4/24/2023	Connor Read	Easton	Stated the Town of Easton has reviewed the Draft FFY 2024-2028 TIP and approves as presented. He further thanked the MPO for the support of Project 608195, (Corridor Improvements on Route 138 and	Thank you for taking the time to review and comment. Your comments are noted.

OLD COLONY METROPOLITAN PLANNING ORGANIZATION (MPO)

			Reconstruction of Route 138 at Elm Street), programmed in FFY 2025.	
4/26/2023	Old Colony Planning Council (OCPC) Board of Directors	Old Colony Region	The OCPC Board of Directors, at their public meeting on April 26, 2023, reviewed and approved the FFY 2024-2028 Old Colony TIP. A question was raised about the Powder Point Avenue over Duxbury Bay Bridge Replacement Project (Project 612006), whether the funding for this bridge is taking away from regional highway targets. Staff explained bridges are a separate statewide bridge program and are not programmed with regional highway target funds.	Noted.
5/4/2023	Old Colony Joint Transportation (JTC)	Old Colony Region	The Old Colony JTC, at their public meeting on May 4, 2023, reviewed and approved the FFY 2024-2028 Old Colony TIP.	Noted.
5/11/2023	Lea Filson	See Plymouth	Ms. Filson commented on the importance of Commuter Rail in Plymouth and would like to see funding for restoration of service to the Plymouth Station.	Noted. It was explained that the TIP does not fund commuter rail service. However, this need will be identified in the 2050 Long Range Transportation Plan.
5/11/2023	Glenn Geiler	Brockton Area Transit	BAT has reviewed the FFY 2024-2028 TIP and approves as presented.	Noted. Thank you for your review and our continued partnership.

Chairperson Woelfel asked if there is a motion to endorse Draft FFY 2024-2028 TIP.

The motion was made by Dan Salvucci and seconded by Michael Lambert.

The Old Colony MPO then voted unanimously to endorse Draft FFY 2024-2028 TIP.

8. Draft FFY 2024 Old Colony Unified Planning Work Program (UPWP)

▪ Review and Potential Release to Public Review and Comment Period

Charles Kilmer provided an overview of the Draft FFY 2024 Old Colony UPWP. The Table of Contents for the UPWP is as follows:

INTRODUCTION

- 1.1 - National Planning Factors
- 1.2 - Title VI and Americans with Disabilities Act (ADA)
- 1.3 - Funding Sources
- 1.4 - Administrative Modification and Amendment Procedures
- 1.5 - Geographic Distribution of Major UPWP Funded Studies

OLD COLONY METROPOLITAN PLANNING ORGANIZATION (MPO)

TASK 1000: MANAGEMENT AND SUPPORT OF PLANNING PROCESS AND CERTIFICATION ACTIVITIES

- 1100 - 3C Program Support
- 1200 - Unified Planning Work Program (UPWP)
- 1300 - Public Participation Program (PPP)
- 1400 - Transportation Improvement Program (TIP)
- 1500 - Title VI and Environmental Justice (EJ)

TASK 2000: DATA RECONNAISSANCE, ACQUISITION, AND ANALYSIS ACTIVITIES

- 2100 - Demographic and Land Use Surveillance
- 2200 - Multi-Modal Transportation System Data Surveillance and System Monitoring
- 2300 - System Planning Resource Activities
- 2400 - Geographic Information System (GIS)
- 2500 - Management Systems (Congestion, Pavement & Safety), and Travel Demand Modeling

TASK 3000: SHORT RANGE AND LONG-RANGE TRANSPORTATION PLANNING ACTIVITIES

- 3100 - Regional Multimodal Transportation Planning and Studies
- 3200 - Local Highway Transportation Technical Assistance
- 3300 - Routes 3A and 53 Corridor Study (Kingston)
- 3400 - Route 139 Corridor Study (Stoughton)
- 3500 - Safe Street for All (SS4A) Action Plan Support
- 3600 - Performance Based Planning

TASK 4000: OTHER TRANSPORTATION TECHNICAL ACTIVITIES, STAFF, ESTIMATED BUDGET

- 4100 - Transit Technical Assistance, and Seniors and Individuals with Disabilities Support
- 4200 - BAT Planning and Technical Studies
- Transportation Planning Staff
- Estimated Budget

APPENDICES

- A. FFY 2024 Old Colony Unified Planning Work Program Endorsement
- B. §450.336 - Self Certification Compliance Statement - 3C Process Endorsement
- C. Estimates of Other Funding Sources, and Other Transportation Planning Activities
- D. Glossary of Terms and Acronyms
- E. Public Review Period and Public Comments

Chairperson Woelfel asked if there is a motion to release the Draft FFY 2024 UPWP to a 21-Day Public Review and Comment Period.

The motion was made by Dan Salvucci and seconded by Michael Lambert.

The Old Colony MPO then voted unanimously via roll call to release the Draft FFY 2024 UPWP to a 21-Day Public Review and Comment Period.

9. Administrative Matters, Other Business, and Date and Time of Next Meeting(s)

OLD COLONY METROPOLITAN PLANNING ORGANIZATION (MPO)

Charles Kilmer reported on the following items:

Join USDOT for a Webinar on Identifying Discretionary Grant Opportunities!

Join speakers from the Federal Highway Administration (FHWA) [Rural Opportunities to Use Transportation for Economic Success \(ROUTES\)](#) Initiative and the Secretary's Office for a webinar on **May 22nd from 4:00-5:00 p.m. EDT** to learn more about how to identify and respond to Federal transportation grant opportunities. The webinar will showcase the **USDOT Discretionary Grants Dashboard**, a new tool that makes it easier to search for and find grant opportunities depending on the type of project you have, your organization type, and other considerations like match requirements. Rural, tribal, and local governments will find this an especially helpful tool. The webinar will also highlight the FHWA's [Wildlife Crossings Program](#) and the [PROTECT Program](#) – both of which are currently accepting applications; and other new resources available on the USDOT Navigator.

This webinar is free to attend but registration is required – [register here.](#)

https://usdot.zoomgov.com/webinar/register/WN_hTR15p9BTiCGrr1uujWOLw

MassDOT Providing Safe Passage for Bicyclists Signs to Municipalities

"An Act to Reduce Fatalities" was signed into law in December 2022. As part of the law, the following was added.

"In passing a vulnerable user, the operator of a motor vehicle shall pass at a safe distance of not less than 4 feet and at a reasonable and proper speed. The Massachusetts Department of Transportation shall erect and maintain signage along public ways necessary to notify operators of motor vehicles of the requirements for passing a vulnerable user from a safe distance as required by this section."

While MassDOT cannot just install signs on municipal roadways, the position has been taken to provide the signage and materials to all cities and towns so that they can be installed on roadways within their own jurisdiction.

Guidance on location and installation of the signs can be downloaded at:

<https://www.umasstransportationcenter.org/Document.asp?DocID=1117>



bike passing - under 35 mph;
2.0" Radius, 0.5" Border, 0.3" Indent, Black on White;
"MOTORISTS", C 2K 75% spacing;
"GIVE 4 FT", C 2K;
"TO PASS", C 2K;
Bicycle;



bike passing 35 mph +;
2.0" Radius, 0.5" Border, 0.3" Indent, Black on White;
"MOTORISTS", C 2K;
"GIVE 4 FT", C 2K;
"TO PASS", C 2K; Bicycle;

If cities/towns are interested in obtaining the signs and materials (they will be delivered directly to the community) from MassDOT, please let us know your intention and interest in receiving signs (how many signs of each size) as soon as possible.

OLD COLONY METROPOLITAN PLANNING ORGANIZATION (MPO)

Please complete, sign, and return the [Memorandum of Agreement \(MOA\)](#), including Attachment B, by **June 1, 2023**. Submit the completed MOA to Ranjit Sivasubra (ranjit.sivasubra@dot.state.ma.us). If you have any questions, please reach out to Ranjit directly. The MOA is available for download at: <https://www.umasstransportationcenter.org/Document.asp?DocID=1118>

Date and Time of Next Old Colony MPO Virtual Meeting(s)

The Old Colony MPO members are respectfully requested to confirm the dates and times of their next virtual meeting(s).

2023

- **June 20, 2023 at 10 AM**
- **July 18, 2023 at 10 AM**

10. Adjournment

Chairperson Woelfel adjourned the meeting at 10:36 AM.

Respectfully submitted,

Kyle Mowatt

Kyle Mowatt, Senior Transportation Planner

List of Documents for the May 16, 2023 Old Colony MPO Meeting

- Minutes of April 18, 2023, Old Colony MPO Meeting
- Staff Report for May 16, 2023 Old Colony MPO Meeting Agenda Items

June 20, 2023 Old Colony MPO Meeting
Agenda Item 4
Brockton Area Transit Authority (BAT) Report

Summary

Brockton Area Transit Authority to provide report.

June 20, 2023 Old Colony MPO Meeting

Agenda Item 5

Greater Attleboro Taunton Regional Transit Authority Report

Summary

Greater Attleboro Taunton Regional Transit Authority to provide report.

June 20, 2023 Old Colony MPO Meeting
Agenda Item 6
MassDOT District 5 Updates on Projects Under Design or
Construction

Summary

MassDOT District 5 to provide report.

**June 20, 2023 Old Colony MPO Meeting
Agenda Item 7**

**FFY 2023-2027 Transportation Improvement Program (TIP)
Amendments and/ or Adjustments**

- **Amendment 4 (Stoughton 607403: 5310 Projects) - Review and Potential Release to Public Review and Comment Period**
 - **Adjustment 2 (BAT) - Review and Potential Endorsement**

Summary

Amendment 4 includes the following changes:

FFY 2023

- STOUGHTON - CORRIDOR IMPROVEMENTS ON ROUTE 138 (607403) FROM 300 FEET NORTH OF CHARLES STREET TO LINCOLN STREET AC YEAR 1 OF 2
 - Change in geographic scope
 - Total Project Cost Decrease to \$10,964,395
 - Advance Construction Year 1: \$8,411,033
- BROCKTON AREA ARC, INC
 - Total Project is \$78,604
 - Buy Van for Service (SVC) Expansion (5310)

- FFY 2023 Cost is \$72,741; FFY 2024 Cost is \$5,863

- BROCKTON AREA ARC, INC

- Total Project is \$121,000
- Buy Van for Service (SVC) Expansion (5310) Type Ca
- FFY 2023 Cost is \$121,000

- BROCKTON AREA TRANSIT (BAT) AUTHORITY

- Total Project is \$121,000
- Buy Replacement Type Ca Van
- FFY 2023 Cost is \$96,800; FFY Cost is \$24,200

- BROCKTON AREA TRANSIT (BAT) AUTHORITY

- Total Project Cost is \$318,000
- Buy Replacement Type E Vans
- FFY 2023 Cost is \$254,400; FFY 2024 Cost is \$63,600

FFY 2024

1. STOUGHTON - CORRIDOR IMPROVEMENTS ON ROUTE 138 (607403) FROM 300 FEET NORTH OF CHARLES STREET TO LINCOLN STREET AC YEAR 2 OF 2

- Change in geographic scope
- Total Project Cost \$10,964,395
- Advance Construction Year 2: \$2,664,192 (Year 2 FFY 2024 Cost Decrease By \$6,299,107)

2. BROCKTON AREA ARC, INC

- Total Project is \$78,604
- Buy Van for Service (SVC) Expansion (GOBOND)
- FFY 2023 Cost is \$72,741; FFY 2024 Cost is \$5,863

3. BROCKTON AREA TRANSIT (BAT) AUTHORITY

- Total Project is \$121,000
- Buy Replacement Type Ca Van (GOBOND)
- FFY 2023 Cost is \$96,800; FFY Cost is \$24,200

4. BROCKTON AREA TRANSIT (BAT) AUTHORITY

- Total Project Cost is \$318,000
- Buy Replacement Type E Vans (GOBOND)
- FFY 2023 Cost is \$254,400; FFY 2024 Cost is \$63,600



STIP Investments Report Old Colony Region

STIP: 2023 - 2027 (A) Revision 11+

Year	MassDOT Project ID	MPO	Municipality	MassDOT Project Description	District	Funding Source	Adjusted TFPC	Total Programmed Funds	Federal Funds	Non-Federal Funds
Federal Fiscal Year 2023								\$45,755,789	\$36,903,957	\$8,851,832
Section 1A / Regionally Prioritized Projects								\$13,683,676	\$10,946,941	\$2,736,735
Roadway Reconstruction								\$8,441,033	\$6,752,826	\$1,688,207
2023	607403	Old Colony	Stoughton	STOUGHTON- CORRIDOR IMPROVEMENTS ON ROUTE 138, FROM 300 FEET NORTH OF CHARLES AVENUE TO LINCOLN STREET (PHASE 1)	5	STBG	\$10,964,395	\$8,441,033	\$6,752,826	\$1,688,207
Intersection Improvements								\$5,242,643	\$4,194,114	\$1,048,529
2023	608279	Old Colony	Stoughton	STOUGHTON- INTERSECTION IMPROVEMENTS AND RELATED WORK AT CENTRAL STREET, CANTON STREET AND TOSCA DRIVE	5	STBG	\$5,281,021	\$5,242,643	\$4,194,114	\$1,048,529
Section 1B / Earmark or Discretionary Grant Funded Projects								\$32,072,113	\$25,957,016	\$6,115,097
Bridge On-System NHS NB								\$30,575,483	\$24,460,386	\$6,115,097
2023	605294	Old Colony	Duxbury	DUXBURY- BRIDGE REPLACEMENT, D-14-010 (48H & 48J), ROUTE 3 (PILGRIM HIGHWAY) NB/SB OVER FRANKLIN STREET	5	HIP-BR	\$33,412,501	\$30,575,483	\$24,460,386	\$6,115,097
Earmark Discretionary								\$1,496,630	\$1,496,630	\$0
2023	S12829	Old Colony	Brockton	Downtown Brockton Transportation Technology Project (City of Brockton SMART Grant)	5	HPP-100	\$1,496,630	\$1,496,630	\$1,496,630	\$0
Section 2B / State Prioritized Modernization Projects								\$0	\$0	\$0
Intersection Improvements								\$0	\$0	\$0
2023	609410	Old Colony	Brockton	BROCKTON- INTERSECTION IMPROVEMENTS AND RELATED WORK AT CENTRE STREET (ROUTE 123), CARY STREET AND LYMAN STREET	5	HSIP	\$2,606,946	\$0	\$0	\$0



STIP Investments Report Old Colony Region

STIP: 2023 - 2027 (A) Revision 11+

Year	MassDOT Project ID	MPO	Municipality	MassDOT Project Description	District	Funding Source	Adjusted TFPC	Total Programmed Funds	Federal Funds	Non-Federal Funds
Federal Fiscal Year 2024								\$14,051,827	\$11,948,882	\$2,102,945
Section 1A / Regionally Prioritized Projects								\$4,915,279	\$3,932,223	\$983,056
Roadway Reconstruction								\$2,664,192	\$2,131,354	\$532,838
2024	607403	Old Colony	Stoughton	STOUGHTON- CORRIDOR IMPROVEMENTS ON ROUTE 138, FROM 300 FEET NORTH OF CHARLES AVENUE TO LINCOLN STREET (PHASE 1)	5	STBG	\$10,964,395	\$2,664,192	\$2,131,354	\$532,838
Intersection Improvements								\$2,251,087	\$1,800,870	\$450,217
2024	609052	Old Colony	Brockton	BROCKTON- INTERSECTION IMPROVEMENTS AT CENTRE STREET (ROUTE 123) AND PLYMOUTH STREET	5	STBG	\$2,904,502	\$2,251,087	\$1,800,870	\$450,217
Section 2A / State Prioritized Reliability Projects								\$6,062,345	\$5,249,876	\$812,469
Bridge Off-system								\$2,062,345	\$1,649,876	\$412,469
2024	609435	Old Colony	Plympton	PLYMPTON- BRIDGE REPLACEMENT, P-14-001 (445), WINNETUXET ROAD OVER WINNETUXET RIVER	5	STBG-BR-Off	\$1,392,875	\$2,062,345	\$1,649,876	\$412,469
Safety Improvements								\$4,000,000	\$3,600,000	\$400,000
2024	S12638	Old Colony		BROCKTON- SYSTEMIC COUNTERMEASURES/SAFE SYSTEMS IMPLEMENTATION CITY-WIDE		HSIP	\$4,000,000	\$4,000,000	\$3,600,000	\$400,000
Section 2B / State Prioritized Modernization Projects								\$3,074,203	\$2,766,783	\$307,420
Intersection Improvements								\$3,074,203	\$2,766,783	\$307,420
2024	609410	Old Colony	Brockton	BROCKTON- INTERSECTION IMPROVEMENTS AND RELATED WORK AT CENTRE STREET (ROUTE 123), CARY STREET AND LYMAN STREET	5	HSIP	\$2,606,946	\$3,074,203	\$2,766,783	\$307,420



STIP Investments Report

Program Activity: Transit, Brockton Area Transit

STIP: 2023 - 2027 (A) Revision 11+

Year	MassDOT Project ID	Municipality	Program	MassDOT Project Description	Funding Source	Total Project Cost	Total Programmed Funds	Federal Funds	State Funds	Other Funds
Federal Fiscal Year 2023							\$9,734,541	\$5,475,463	\$3,927,000	\$332,078
Brockton Area Transit							\$9,734,541	\$5,475,463	\$3,927,000	\$332,078
2023	BAT011500		RTA Vehicle Replacement	5310 - BAT Buy Replacement Type E Vans	5310	\$318,000	\$254,400	\$254,400		
2023	BAT011501		RTA Vehicle Replacement	BAT - Buy Replacement Type Ca Van	5310	\$121,000	\$96,800	\$96,800		
2023	BAT011502		RTA Fleet Upgrades	Brockton Area Arc, Inc. - BUY VAN FOR SVC EXPANSION (5310) Type Ca	5310	\$121,000	\$96,800	\$96,800		
2023	BAT011502		RTA Fleet Upgrades	Brockton Area Arc, Inc. - BUY VAN FOR SVC EXPANSION (5310) Type Ca	LF	\$121,000	\$24,200			\$24,200
2023	BAT011551		RTA Fleet Upgrades	Brockton Area Arc, Inc. - BUY VAN FOR SVC EXPANSION (5310)	5310	\$78,604	\$62,883	\$62,883		
2023	BAT011551		RTA Fleet Upgrades	Brockton Area Arc, Inc. - BUY VAN FOR SVC EXPANSION (5310)	LF	\$78,604	\$9,858			\$9,858
2023	RTD0011330		RTA Facility & Vehicle Maintenance	BAT - ACQUIRE MISC SUPPORT EQUIPMENT	5307	\$100,000	\$80,000	\$80,000		
2023	RTD0011330		RTA Facility & Vehicle Maintenance	BAT - ACQUIRE MISC SUPPORT EQUIPMENT	RTACAP	\$100,000	\$20,000		\$20,000	
2023	RTD0011331		RTA Facility & Vehicle Maintenance	BAT - BUY ASSOC CAP MAINT ITEMS	5307	\$50,000	\$40,000	\$40,000		
2023	RTD0011331		RTA Facility & Vehicle Maintenance	BAT - BUY ASSOC CAP MAINT ITEMS	RTACAP	\$50,000	\$10,000		\$10,000	
2023	RTD0011332		RTA Facility & Vehicle Maintenance	BAT - ACQUIRE-SHOP EQUIPMENT	5307	\$500,000	\$400,000	\$400,000		
2023	RTD0011332		RTA Facility & Vehicle Maintenance	BAT - ACQUIRE-SHOP EQUIPMENT	RTACAP	\$500,000	\$100,000		\$100,000	
2023	RTD0011333		RTA Facility & Vehicle Maintenance	BAT - TERMINAL, INTERMODAL (TRANSIT)	5307	\$127,000	\$80,000	\$80,000		



STIP Investments Report

Program Activity: Transit, Brockton Area Transit

STIP: 2023 - 2027 (A) Revision 11+

2023	RTD0011333		RTA Facility & Vehicle Maintenance	BAT - TERMINAL, INTERMODAL (TRANSIT)	RTACAP	\$127,000	\$47,000		\$47,000	
2023	RTD0011334		RTA Facility & Vehicle Maintenance	BAT - REHAB RENOVATE MAINTENANCE FACILITY	5307	\$500,000	\$400,000	\$400,000		
2023	RTD0011334		RTA Facility & Vehicle Maintenance	BAT - REHAB RENOVATE MAINTENANCE FACILITY	RTACAP	\$500,000	\$100,000		\$100,000	
2023	RTD0011361		RTA Fleet Upgrades	BAT - BUY REPLACEMENT 35-FT BUS ELECTRIC (6)	5307	\$6,500,000	\$3,250,000	\$3,250,000		
2023	RTD0011361		RTA Fleet Upgrades	BAT - BUY REPLACEMENT 35-FT BUS ELECTRIC (6)	RTACAP	\$6,500,000	\$3,250,000		\$3,250,000	
2023	RTD0011362		RTA Facility & System Modernization	BAT - PURCHASE MISC ELEC/POWER EQUIP	5307	\$800,000	\$400,000	\$400,000		
2023	RTD0011362		RTA Facility & System Modernization	BAT - PURCHASE MISC ELEC/POWER EQUIP	RTACAP	\$800,000	\$400,000		\$400,000	
2023	T00176		Mobility Assistance Program	Bridgewater COA - Funding for staff salaries, outreach and promotional materials, and microtransit scheduling software for a program to provide weekly shuttles and on-demand trips (5310)	5310	\$27,600	\$22,080	\$22,080		
2023	T00176		Mobility Assistance Program	Bridgewater COA - Funding for staff salaries, outreach and promotional materials, and microtransit scheduling software for a program to provide weekly shuttles and on-demand trips (5310)	LF	\$27,600	\$5,520			\$5,520
2023	T00220		Mobility Assistance Program	BAT - Expanded Service to Town of Rockland (5310)	5310	\$275,000	\$137,500	\$137,500		
2023	T00220		Mobility Assistance Program	BAT - Expanded Service to Town of Rockland (5310)	LF	\$275,000	\$137,500			\$137,500
2023	T00230		Mobility Assistance Program	Old Colony Planning Council - Mileage Reimbursement (5310)	5310	\$60,000	\$30,000	\$30,000		
2023	T00230		Mobility Assistance Program	Old Colony Planning Council - Mileage Reimbursement (5310)	ONF	\$60,000	\$30,000			\$30,000
2023	T00232		Mobility Assistance Program	South Shore Community Action Council - Operating funds (5310)	5310	\$250,000	\$125,000	\$125,000		
2023	T00232		Mobility Assistance Program	South Shore Community Action Council - Operating funds (5310)	ONF	\$250,000	\$125,000			\$125,000



STIP Investments Report

Program Activity: Transit, Brockton Area Transit

STIP: 2023 - 2027 (A) Revision 11+

Year	MassDOT Project ID	Municipality	Program	MassDOT Project Description	Funding Source	Total Project Cost	Total Programmed Funds	Federal Funds	State Funds	Other Funds
Federal Fiscal Year 2024							\$9,173,663	\$6,964,000	\$2,209,663	
Brockton Area Transit							\$9,173,663	\$6,964,000	\$2,209,663	
2024	BAT011500		RTA Vehicle Replacement	5310 - BAT Buy Replacement Type E Vans	GOBOND	\$318,000	\$63,600		\$63,600	
2024	BAT011501		RTA Vehicle Replacement	BAT - Buy Replacement Type Ca Van	GOBOND	\$121,000	\$24,200		\$24,200	
2024	BAT011551		RTA Fleet Upgrades	Brockton Area Arc, Inc. - BUY VAN FOR SVC EXPANSION (5310)	GOBOND	\$78,604	\$5,863		\$5,863	
2024	RTD0011335		RTA Facility & Vehicle Maintenance	BAT - BUY ASSOC CAP MAINT ITEMS	5307	\$50,000	\$40,000	\$40,000		
2024	RTD0011335		RTA Facility & Vehicle Maintenance	BAT - BUY ASSOC CAP MAINT ITEMS	RTACAP	\$50,000	\$10,000		\$10,000	
2024	RTD0011336		RTA Facility & Vehicle Maintenance	BAT - REHAB RENOVATE-MAINTENANCE FACILITY	5307	\$150,000	\$120,000	\$120,000		
2024	RTD0011336		RTA Facility & Vehicle Maintenance	BAT - REHAB RENOVATE-MAINTENANCE FACILITY	RTACAP	\$150,000	\$30,000		\$30,000	
2024	RTD0011337		RTA Facility & Vehicle Maintenance	BAT - TERMINAL, INTERMODAL (TRANSIT)	5307	\$100,000	\$80,000	\$80,000		
2024	RTD0011337		RTA Facility & Vehicle Maintenance	BAT - TERMINAL, INTERMODAL (TRANSIT)	RTACAP	\$100,000	\$20,000		\$20,000	
2024	RTD0011338		RTA Facility & Vehicle Maintenance	BAT - REHAB RENOVATE-BUS PARK & RIDE LOT	5307	\$50,000	\$40,000	\$40,000		
2024	RTD0011338		RTA Facility & Vehicle Maintenance	BAT - REHAB RENOVATE-BUS PARK & RIDE LOT	RTACAP	\$50,000	\$10,000		\$10,000	
2024	RTD0011339		RTA Facility & Vehicle Maintenance	BAT - ACQUIRE MISC SUPPORT EQUIPMENT	5307	\$100,000	\$80,000	\$80,000		
2024	RTD0011339		RTA Facility & Vehicle Maintenance	BAT - ACQUIRE MISC SUPPORT EQUIPMENT	RTACAP	\$100,000	\$20,000		\$20,000	
2024	RTD0011340		RTA Vehicle Replacement	BAT - ACQUIRE SUPPORT VEHICLE (1)	5307	\$80,000	\$64,000	\$64,000		



STIP Investments Report

Program Activity: Transit, Brockton Area Transit

STIP: 2023 - 2027 (A) Revision 11+

Year	MassDOT Project ID	Municipality	Program	MassDOT Project Description	Funding Source	Total Project Cost	Total Programmed Funds	Federal Funds	State Funds	Other Funds
2024	RTD0011340		RTA Vehicle Replacement	BAT - ACQUIRE SUPPORT VEHICLE (1)	RTACAP	\$80,000	\$16,000		\$16,000	
2024	RTD0011341		RTA Facility & Vehicle Maintenance	BAT- VEH OVERHAUL (4)	5307	\$1,000,000	\$500,000	\$500,000		
2024	RTD0011341		RTA Facility & Vehicle Maintenance	BAT- VEH OVERHAUL (4)	RTACAP	\$1,000,000	\$500,000		\$500,000	
2024	RTD0011342		RTA Facility & Vehicle Maintenance	BAT - PURCHASE BUS SHELTERS	5307	\$300,000	\$240,000	\$240,000		
2024	RTD0011342		RTA Facility & Vehicle Maintenance	BAT - PURCHASE BUS SHELTERS	RTACAP	\$300,000	\$60,000		\$60,000	
2024	RTD0011363		RTA Fleet Upgrades	BAT - BUY REPLACEMENT 40-FT BUS ELECTRIC (4)	OF	\$4,600,000	\$3,680,000	\$3,680,000		
2024	RTD0011363		RTA Fleet Upgrades	BAT - BUY REPLACEMENT 40-FT BUS ELECTRIC (4)	RTACAP	\$4,600,000	\$920,000		\$920,000	
2024	RTD0011364		RTA Fleet Upgrades	BAT - BUY REPLACEMENT 35-FT BUS ELECTRIC (2)	OF	\$2,300,000	\$1,840,000	\$1,840,000		
2024	RTD0011364		RTA Fleet Upgrades	BAT - BUY REPLACEMENT 35-FT BUS ELECTRIC (2)	RTACAP	\$2,300,000	\$460,000		\$460,000	
2024	RTD0011365		RTA Fleet Upgrades	BAT - PURCHASE MISC ELEC/POWER EQUIP	OF	\$350,000	\$280,000	\$280,000		
2024	RTD0011365		RTA Fleet Upgrades	BAT - PURCHASE MISC ELEC/POWER EQUIP	RTACAP	\$350,000	\$70,000		\$70,000	

Adjustment 2 includes the following changes:

FFY 2023

June 20, 2023 Old Colony MPO Meeting
Agenda Item 8
FFY 2023 Old Colony Unified Planning Work Program (UPWP)
Budget Reallocation 1
▪ **Review and Potential Endorsement**

Summary

The Unified Planning Work Program (UPWP) provides an overview and budgetary information for the transportation planning tasks and activities, which are to be conducted in the region. The UPWP is prepared and endorsed annually by the Old Colony Metropolitan Planning Organization (MPO).

The need for additional funding has been identified for Tasks 1400, 2500, 3200, and 3300 due to the underestimation in the level of effort. As such, the proposed FFY 2023 UPWP Budget Reallocation 1 is as follows:

Task #	Task Description	Existing Amount	Proposed Amount	Amount Changed	Percentage Change of Task Budget	Additional Explanation
1000 Management & Support of the 3C and Certification Activities						
1100	3C Program Support	\$75,437	\$75,437	\$0	0.0%	
1200	Unified Planning Work Program (UPWP)	\$18,000	\$18,000	\$0	0.0%	
1300	Public Participation Program (PPP)	\$67,000	\$67,000	\$0	0.0%	
1400	Transportation Improvement Program (TIP)	\$55,000	\$59,000	\$4,000	7.3%	Budget reallocation needed due to the underestimation in the level of effort.
1500	Title VI and Environmental Justice	\$45,000	\$40,000	-\$5,000	-11.1%	Budget reallocation needed due to the overestimation in the level of effort.
	Overall Task Budget	\$260,437	\$259,437	-\$1,000	-0.4%	

2000 Data Reconnaissance, Acquisition, and Analysis Activities						
2100	Demographic Surveillance & Road Inventory	\$30,000	\$25,000	-\$5,000	-16.7%	Budget reallocation needed due to the overestimation in the level of effort.
2200	Multi-Modal Data Surveillance and System Monitoring	\$102,000	\$102,000	\$0	0.0%	
2300	System Planning Resource Activities	\$68,000	\$68,000	\$0	0.0%	
2400	Geographic Information System (GIS)	\$87,000	\$87,000	\$0	0.0%	
2500	Management Systems and Travel Demand Model	\$106,000	\$116,000	\$10,000	9.4%	Budget reallocation needed due to the underestimation in the level of effort.
	Overall Task Budget	\$393,000	\$398,000	\$5,000	1.3%	

Short- and Long-Range Transportation						
3000	Planning Activities					
3100	Regional Traffic Studies, ITS, and Intermodal Planning	\$92,000	\$92,000	\$0	0.0%	
3200	Local Highway Technical Assistance	\$87,000	\$97,000	\$10,000	11.5%	Budget reallocation needed due to the underestimation in the level of effort.
3300	Route 18 Corridor Study (Bridgewater & East Bridgewater)	\$96,000	\$101,000	\$5,000	5.2%	Budget reallocation needed due to the underestimation in the level of effort.
3400	2024-2050 Long Range Transportation Plan (LRTP)	\$125,000	\$125,000	\$0	0.0%	
3500	Coordinated Human Services Transportation (CHSTP) Plan	\$59,000	\$59,000	\$0	0.0%	
3600	Performance Based Planning	\$39,000	\$30,000	-\$9,000	-23.1%	Budget reallocation needed due to the overestimation in the level of effort.
	Overall Task Budget	\$498,000	\$504,000	\$6,000	1.2%	

Other Transportation Technical						
4000	Activities					
4100	Transit Technical Assistance and Coordination, and Seniors and Individuals with Disabilities Support	\$45,000	\$35,000	-\$10,000	-22.2%	Budget reallocation needed due to the overestimation in the level of effort.
4200	BAT Planning, Technical Assistance, and Studies	\$25,000	\$25,000	\$0	0.0%	
	Overall Task Budget	\$70,000	\$60,000	-\$10,000	-14.3%	

June 20, 2023 Old Colony MPO Meeting
Agenda Item 9
Draft FFY 2024 Old Colony Unified Planning Work Program
(UPWP)
▪ **Public Comments and Potential Endorsement**

Summary

The Old Colony Unified Planning Work Program (UPWP) provides an overview and budgetary information for the transportation planning tasks and activities, which are to be conducted in the region during the upcoming federal fiscal year.

On May 16, 2023, the Old Colony MPO released the Draft FFY 2024 Unified Planning Work Program (UPWP) to a 21-day public review and comment period. With the completion of the 21-day public review and comment period, the Old Colony MPO is respectfully asked to review the public comments and consider endorsement of the Draft FFY 2023 Unified Planning Work Program.

Public Comment Matrix

Date	Name	Representation	Comment or Summary	Response
5/10/2023	Raissah Kouame	MassDOT - Office of Transportation Planning	Reviewed and provided MPO Liaison UPWP Review Checklist. Please see attached checklist for detail.	Noted. Thank you for the review and provision of Checklist and Comments. Staff will work to align Final UPWP with provided comments and suggestions.
5/31/2023	Old Colony Planning Council (OCPC) Board of Directors	Old Colony Region	The OCPC Board of Directors, at their public meeting on May 31, 2023, reviewed and approved the FFY 2024 UPWP.	Noted.
6/1/2023	Old Colony Joint Transportation (JTC)	Old Colony Region	The Old Colony JTC, at their public meeting on June 1, 2023, reviewed and approved the FFY 2024 UPWP.	Noted.

MPO Liaison UPWP Review Checklist
Completeness

ID	Review Item	Comments	Reference
A1	✓ * Table of Contents is accurate and internally-linked.		✓ -- for use in column B
A2	✓ * Document has no broken links.		X -- for use in column B
A3	✗ * Document has no text or image placeholders.	Please add any public comments received	Page 70
A4	✓ * Charts, tables, and maps are legible and properly annotated.		
A5	✓ * Document passes an accessible check.	1) Please consider including the title "The Americans with Disabilities Act (ADA)" on the following page to combine with the paragraph on ADA 2) Please ensure consistency in performance measures spelling. On page 45 PM1, PM2, and PM3 and on page 17 PM 1, PM 2, and PM 3. 3) Please remove unsafe if the intention is to not use that word. 4) Please add which to "The need and vision of the proposal includes Brockton which is the largest" 5) Please remove comma before operation 6) Please remove "0" after federal 7) Please remove the brackets before as needed 8) Please add the word provide prior to guidance	1) 7 of 52 2) 17 of 52 and 45 of 52 3) 32 of 52 4) Page 4 of 52 5) Page 6 of 52 6) Page 30 of 52 7) 44 of 52 8) 49 of 52
A6	✓ * New federal emphasis areas from the Bipartisan Infrastructure Law (BIL) are referenced.		https://www.transit.dot.gov/regulations-and-programs/transportation-planning/2021-planning-emphasis-areas
A7	✓ * Document is available in relevant languages per the MPO's Title VI Plan.		
A8	✓ * List of MPO members is current.	Please indicate who represents West Bridgewater on the Old Colony MPO members list once the information is available	Page 3
A9	✓ * Signatory sheet is included and accurate. Update Gina Fiandaca as Secretary/CEO of MassDOT.		
A10	✓ * Acronyms and partner agency lists are up to date.		

Narrative

ID	Review Item	Comments	Reference
B1	✓ * UPWP is comprehensible to the general public.		
B2	✓ * UPWP refers directly to vision, goals, and objectives from RTP.		
B3	✓ * UPWP Amendment/Adjustment procedures are explicit and align with latest federal guidance (see MAPRA materials)		
B4	✓ * Governing MOUs between MassDOT, MPO, RTAs, and neighboring MPOs have been reviewed for potential improvements or updates.		
B5	✓ * Planning efforts are coordinated with MassDOT modal plans.		https://www.mass.gov/statewide-plans

UPWP Tasks

ID	Review Item	Comments	Reference
C1	✓ * Individual tasks include detailed scopes, budgets, and schedules.	Please include a note indicating that at least \$22,462.50 of the overall budget will be funding Complete Streets activities, per the new federal requirement included in the BIL.	Page 52 of 52
C2	✓ * Individual tasks outline community beneficiaries.		
C3	✓ * Transit-related tasks are specific.		
C4	✓ * Includes a task on performance-based planning.		
C5	✓ * Includes a task for an update to any congestion mitigation planning efforts.		Required for TMA MPOs if current CMP is out of date.
C6	✓ * UPWP includes a summary of available staff hours.		
C7	✓ * Individual tasks anticipate needed staff-hours / consulting resources.		
C8	✓ * Tasks from previous UPWPs have been analyzed for past utilization.		

Impacts Analysis

ID	Review Item	Comments	Reference
D1	✓ * UPWP includes a geographic equity distribution table showing 2018–2022 and current UPWP-funded studies by municipality and number of tasks.		
D2	✓ * UPWP includes a social equity distribution table of past and current UPWP-funded studies considering language access and EJ populations.		
D3	✓ * Public involvement and comment are explicitly documented and in line with MPO's Public Participation Plan.		

* Indicates required by state or federal regulation.

June 20, 2023 Old Colony MPO Meeting
Agenda Item 10
2050 Old Colony Long-Range Transportation Plan (LRTP)
Update and Status Report)

Summary

Regional Profile Chapter

The University of Massachusetts' Donahue Institute (UMDI) in cooperation with the Massachusetts Department of Transportation (MassDOT) and Metropolitan Area Planning Council (MAPC) have finalized socioeconomic projections for the Commonwealth through 2050. These projections are developed for the sole purpose of supporting travel demand model and may vary from projections and forecasts generated by other sources.

Population Projections To 2050

Municipality	2020	2030	2020-2030 Change	2040	2030-2040 Change	2050	2040-2050 Change	2020-2050 Change
Abington	17,138	17,430	1.70%	17,706	1.58%	17,486	-1.24%	2.03%
Avon	4,506	4,542	0.80%	4,611	1.52%	4,509	-2.21%	0.07%
Bridgewater	23,454	23,638	0.78%	23,760	0.52%	23,401	-1.51%	-0.23%
Brockton	95,375	95,445	0.07%	94,371	-1.13%	93,335	-1.10%	-2.14%
Duxbury	15,329	15,492	1.06%	15,591	0.64%	15,293	-1.91%	-0.23%
East Bridgewater	14,357	14,294	-0.44%	14,156	-0.97%	13,920	-1.67%	-3.04%
Easton	24,091	25,000	3.77%	25,151	0.60%	24,982	-0.67%	3.70%
Halifax	7,731	7,622	-1.41%	7,565	-0.75%	7,421	-1.90%	-4.01%
Hanover	14,905	15,142	1.59%	15,406	1.74%	15,151	-1.66%	1.65%
Hanson	10,872	10,990	1.09%	11,158	1.53%	10,937	-1.98%	0.60%
Kingston	13,685	14,043	2.62%	14,252	1.49%	14,091	-1.13%	2.97%
Pembroke	18,263	18,255	-0.04%	18,283	0.15%	17,927	-1.95%	-1.84%
Plymouth	66,006	71,710	8.64%	73,032	1.84%	72,799	-0.32%	10.29%
Plympton	3,072	3,041	-1.01%	3,022	-0.62%	2,980	-1.39%	-2.99%
Stoughton	27,964	27,852	-0.40%	27,962	0.39%	27,550	-1.47%	-1.48%
West Bridgewater	7,374	7,502	1.74%	7,448	-0.72%	7,356	-1.24%	-0.24%
Whitman	15,394	15,358	-0.23%	15,214	-0.94%	15,011	-1.33%	-2.49%
Massachusetts	6,778,194	6,950,052	2.54%	7,003,881	0.77%	7,000,269	-0.05%	3.28%
Old Colony Region	379,516	387,356	2.07%	388,688	0.34%	384,149	-1.17%	1.22%

Employment Projections To 2050

Municipality	2020	2020-2030		2030-2040		2040-2050		2020-2050
		2030	Change	2040	Change	2050	Change	
Abington	5,567	5,585	0.32%	5,574	-0.20%	5,571	-0.05%	0.07%
Avon	5,163	4,788	-7.26%	4,638	-3.13%	4,495	-0.05%	0.07%
Bridgewater	8,791	8,536	-2.90%	8,585	0.57%	8,624	0.45%	-1.90%
Brockton	38,417	37,714	-1.83%	37,798	0.22%	38,332	1.41%	-0.22%
Duxbury	3,133	2,866	-8.52%	2,818	-1.67%	2,772	-1.63%	-11.52%
East Bridgewater	3,455	3,473	0.52%	3,425	-1.38%	3,383	-1.23%	-2.08%
Easton	10,981	10,670	-2.83%	10,484	-1.74%	10,331	-1.46%	-5.92%
Halifax	2,570	3,135	21.98%	3,183	1.53%	3,275	2.89%	27.43%
Hanover	6,511	5,722	-12.12%	5,505	-3.79%	5,266	-4.34%	-19.12%
Hanson	2,653	2,925	10.25%	2,880	-1.54%	2,836	-1.53%	6.90%
Kingston	7,894	7,666	-2.89%	7,449	-2.83%	7,221	-3.06%	-8.53%
Pembroke	4,530	3,978	-12.19%	3,812	-4.17%	3,650	-4.25%	-19.43%
Plymouth	26,329	27,764	5.45%	28,176	1.48%	27,883	-1.04%	5.90%
Plympton	1,013	976	-3.65%	963	-1.33%	943	-2.08%	-6.91%
Stoughton	12,759	11,460	-10.18%	11,078	-3.33%	10,646	-3.90%	-16.56%
West Bridgewater	7,629	7,131	-6.53%	6,960	-2.40%	6,861	-1.42%	-10.07%
Whitman	3,334	3,419	2.55%	3,399	-0.58%	3,483	2.47%	4.47%
Old Colony Region	150,729	147,808	-1.94%	146,727	-0.73%	145,572	-0.79%	-3.42%
Massachusetts	3,633,367	3,704,952	1.97%	3,744,092	1.06%	3,788,585	1.19%	4.27%

An aging population and housing affordability are the greatest challenges to maintaining population and employment growth through 2050. There is a need for continued planning for an aging in place population, including expansion of accessible age friendly infrastructure.

Environmental Chapter

The environmental chapter focuses primarily on the threats that impacts of climate change present to the region, particularly on the transportation system.

Environmental Impact of Climate Change on the Region

- Increased frequency and severity of urban flooding and inland freshwater flooding events
- Increased frequency and severity of severity of coastal storms, including hurricanes and nor'easters
 - Damage from high winds
 - Coastal inundation from storm surge
 - Damage to structures from battering waves
- Increased frequency and severity of blizzards

Climate Change Impact Risk to Regional Transportation System

Climate change will only increase both the intensity and severity which natural hazards affecting the region. While occasionally flooding, late summer hurricanes, winter storms, and small wildfires are all part of life in the region, they are for the most part, at a manageable level. Other threats, such as tornadoes, earthquakes, and landslides are far less common. Each of these events, which will only intensify in frequency and severity with climate change, can have disastrous impacts across the region and has the

potential to wreak havoc on the entire transportation system. Two of the most common means of traveling in the Old Colony region (road and rail) are particularly susceptible to climate change and its resulting increases in precipitation, storm activity, and temperature.

Rail

Commuter rail is a common form of transportation in the region. The primary rail system in the region is the MBTA Old Colony Commuter Rail, with most of its 14 stations in the region located in low-lying sites. Some stations and rail lines are in or near mapped floodplains, as is the case in the Town of Whitman, where the station is adjacent to a 100-Year Flood zone and the track in the southern portion of the town crosses a mapped floodplain. These facilities, however, were designed for their sites and are unlikely to be affected by local flooding. Other concerns with rail lines include extreme heat that may cause the track to buckle and cause derailments and storms that can knock down signs and potentially cause safety issues.

The interruption of rail traffic is likely to become more common with more frequent flooding. Likely impacts include track inundation, erosion of the track subgrade, and the rooting of wooden crossties. Erosion of the subgrade can wash away ballast and weaken the foundation, making the track unstable for the passage of heavy locomotives and railcars. Wind may impact the railroad signs, signals, and grade crossings, which has the potential to increase rail accidents at grade crossings.

Roads and Bridges

The highway network is the most vital part of the transportation system in the Old Colony region, as it is used daily by almost all of the region's 393,249 residents who rely on it to get to their jobs, shopping, and social activities. The roads and bridges in the Old Colony region are some of the oldest in the country and when combined with severe weather events, this infrastructure is susceptible to major damage.

The most immediate impact of more intense precipitation is increased flooding of roadways, especially those located within the 100 and 500-Year Flood Zones as well as those areas along the coastline. While potential changes in average annual precipitation are likely to have little impact, an increase in the intensity of individual extreme rainfall events may have significant implications. An increase in the frequency of extreme precipitation events will result in more frequent short-term flooding and bridge scour, as well as more culvert washouts that exceed the capacity of the current stormwater management infrastructure.

While most of the Old Colony region is located inland, the coastal communities of Duxbury, Kingston, and Plymouth must also deal with the potential rise in sea levels. According to the Transportation Research Board (TRB), expected sea level rise will aggravate flooding because storm surges will build on a higher base, reaching farther inland. The Intergovernmental Panel on Climate Change (IPCC) Fourth Assessment Report on North America identifies coastal flooding from expected sea level rise and

storm surge, especially along the Gulf and Atlantic coasts, as one of the most serious effects of climate change.

Higher sea levels and storm surges can also erode road bases and undermine bridge supports. The loss of coastal wetlands and barrier islands will lead to further coastal erosion due to the loss of natural protection from wave action. Additionally, strong winds from storms can also damage highway signs, traffic signals, and luminaries throughout the area. More significant safety and operational impacts are likely to be caused by debris blown onto roadways and from crashes precipitated by debris or severe winds.

The roadways and bridges in the Old Colony region are also exposed to a wide range of temperatures, from the extreme heat and humidity of the summer months to the cold and snow of the winter. According to the U.S. Global Change Research Program, impacts related to projected changes in average temperatures appear to have only moderate implications for bridges and highways, while increases in extreme heat may be significant. Longer periods of extreme heat may compromise pavement integrity, such as softening asphalt and increasing rutting, the buckling of pavement (especially older, jointed concrete), and flushing or bleeding of asphalt from older or poorly constructed pavements. In addition, an increase in the freeze–thaw may occur, creating frost heaves and potholes on roads resulting in load restrictions on certain bridges and roads to minimize damage. Extreme heat can also cause thermal expansion of bridge joints, which adversely affects bridge operation. This will generally lead to increased maintenance costs wherever pavement thermal

tolerances are exceeded. Extreme heat during the summer is also likely to increase the number of wildfires, threatening communities and infrastructure directly and bringing about bridge and road closures in affected areas.

Hurricane Surge Zones

Maps from the Massachusetts Department of Public Health show the impact of the Hurricane surge zone on several OCPC coastal communities including Duxbury, Kingston, and Plymouth as well as those communities of Hanover and Pembroke near the coast, (including the non-OCPC communities just north and east, Marshfield and Norwell).

Recommendations

- Promote hazard mitigation and facility hardening of vulnerable facilities.
- Support expanded electric vehicle charging infrastructure.
- Ensure all programmed TIP projects are designed to reduce GHG emissions.
- Support smart growth strategies that promote mode shift and active transportation choices

Vulnerable Road Users Chapter

Facilities for safe, convenient, and efficient bicycle and pedestrian transportation are key elements of a well-balanced regional transportation network. Many of the Old Colony's goals, objectives, and policies include supporting a comprehensive and

sustainable transportation network through the fostering of non-motorized active transportation choices.

Bicycling as a mode of transportation offers a high degree of personal mobility, providing door-to-door access, often at speeds comparable to or greater than automobile travel in high-density urban areas. In recent years, bicycling has become an increasingly popular healthy mode choice of travel for commuting to school, work, recreation and exercise. The ever-increasing cost of automobile ownership, a growing focus on sustainability and the persistent issue of traffic congestion has driven much of the increase in the popularity of bicycling as a form of transportation.

Safe, convenient, and well-designed bicycle transportation infrastructure is essential to encourage bicycle use. Roads designed to accommodate bicyclists of all abilities will meet the needs of most users and encourage bicycling for everyday use according to the Massachusetts Department of Transportation (MassDOT). Young children, women and the elderly are especially vulnerable and may require special consideration when designing bicycle transportation facilities, particularly on busy arterial streets and those roads with high-speeds and high traffic volumes.

All bicyclists are best served by:

- Extra operating space when riding on the roadway such as cycle tracks, protected bicycle lanes, bicycle lanes, useable shoulders, or wide curb lane
- Low speed streets (where cars and bicyclists share travel lanes)

- A network of designated bicycle facilities (bicycle lanes, side-street bicycle routes, and shared use paths).

All travelers are pedestrians at some point in their trip, and pedestrians are part of every roadway environment. Pedestrian facilities include sidewalks, walking paths, crosswalks, stairways, curb cuts, curb ramps and transit stops. In some areas, particularly in suburban and rural communities, pedestrians may be sharing the roadway itself or its shoulders. It is important to understand that there is no single “pedestrian type”, and that the transportation network needs to accommodate a variety of pedestrians of varying abilities. For example, children perceive their environment differently from adults and are not able to judge how drivers behave. Children typically walk slower, have a shorter gait, and have lower eye height than adults. On the opposite end of the spectrum, older adults may require more time to cross a street, desire more predictable surfaces, benefit from handrails in steep areas and may require places to rest along their route. People who are blind or have limited sight require audible and tactile cues to safely navigate sidewalks and crosswalks.

An Act to Reduce Traffic Fatalities

On January 2, 2023, Governor Baker signed An Act to Reduce Traffic Fatalities into law. This bill has a variety of components that will make roadways within the OCPC region and across the commonwealth safer for everyone. Key components of the bill are as follows:

Defines Vulnerable Road User

The legislation defines 'vulnerable road users' to include people walking and biking; roadside workers; people using wheelchairs, scooters, skateboards, roller skates, etc.

Safe Passing

The bill requires "safe passing distance" to be 4 feet. Massachusetts is one of the last states to pass a safe passing distance, this will be in line with other states in terms of roadway safety.

Truck Safety Devices

Requires state contracted trucks to be equipped with safety side guards, mirrors, and backup cameras to reduce fatalities of people walking and biking.

Safer Speed Limits

Clarifies the process for municipalities to alter speed limits in thickly settled areas from 30 MPH to 25 MPH both on state-controlled roads and on the roads they control.

Crash Reporting

To improve statewide data collection surrounding vulnerable road user crashes, the bill develops a standardized analysis tool to be used to report crashes and incidents involving a person biking or walking.

Rear Red-Light Requirement

To ensure cyclists are visible on our roadways, the legislation adds a new requirement for use of rear red lights at night. This means that when riding at night bicyclists should have both a front and rear light.

Inter-Regional Bicycle Connections

Coordinate efforts to improve bicycle facilities with surrounding municipalities and regional agencies. To help form a complete and more contiguous network of bicycle facilities in the region and southeastern Massachusetts, local agencies should coordinate efforts with agencies and organizations outside the region. This includes, but is not limited to, researching the existing bicycle facilities of surrounding towns before formalizing new bikeways, and coordinating public outreach programs to help minimize the cost of these efforts.

Connections to the West

- Route 104
- Route 106

Connections to the South

- Route 28
- Route 138
- South Coast Rail Phase 2 Rail Right of Way (ROW)
- State Road (Plymouth) (Claire Saltonstall Bikeway)

Connections to the North

- South Coast Rail Phase 2 Rail Right of Way (ROW)
- Route 28 (Claire Saltonstall Bikeway)
- Route 37
- Route 138

June 20, 2023 Old Colony MPO Meeting
Agenda Item 11
Administrative Matters, Other Business, and Date and Time of
Next Meeting(s)

Summary

Combined NOFO: Reconnecting Communities Pilot and Neighborhood Access & Equity Programs

The Office of the Secretary of Transportation (OST) will soon release a joint Notice of Funding Opportunity (NOFO) for the Reconnecting Communities Pilot (RCP) and Neighborhood Access and Equity (NAE) programs, which will combine two major discretionary grants into one NOFO. Together, this combined program will be known as the **Reconnecting Communities and Neighborhoods (RCN) Program**.

The RCN NOFO will solicit grant applications for the Reconnecting Communities Pilot discretionary grant program, established by the Bipartisan Infrastructure Law (BIL), and for the newly created [Neighborhood Access and Equity discretionary grant program](#), established by the Inflation Reduction Act (IRA).

Look for the NOFO to be posted on Grants.gov soon.

Additional information on how to apply, frequently asked questions, and the Department's Benefit Cost Analysis Guidance for Discretionary Grant programs are forthcoming and will be available at [Reconnecting Communities and Neighborhoods Grant Program | US Department of Transportation](#).

USDOT has combined these two programs into a single NOFO to provide a more efficient application process for project sponsors. While they remain separate programs for the purposes of award, the programs share many common characteristics, including:

- Prioritizing disadvantaged communities;
- Aiming to improve access to daily needs such as jobs, education, healthcare, food, and recreation;
- Fostering equitable development and restoration;
- Reconnecting communities by removing, retrofitting, or mitigating highways or other transportation facilities that create barriers to community connectivity, including to mobility, access, or economic development.

Because of these shared characteristics, it is possible for many projects to be eligible and considered for both programs using a single application.

Under the combined RCN Program, USDOT will offer three grant types:

Grant Type	Objective(s)	Funding
Capital Construction	<p>To fund both reconnecting-focused projects and smaller projects focused on reducing environmental harm and improving access in disadvantaged communities. Projects may address:</p> <ul style="list-style-type: none"> • A dividing facility • Mitigating a “burdening” facility (a source of air pollution, noise, stormwater, or other burden) • Improving access and building or improving Complete Streets. 	<p>\$1.15 Billion</p> <ul style="list-style-type: none"> • \$148M RCP Capital Construction funds • \$1B NAE Funds
Community Planning	<p>To provide funds for planning activities to support future construction projects and allow for innovative community planning to address localized transportation challenges. Projects may address:</p> <ul style="list-style-type: none"> • Planning to restore community connectivity • Community/public engagement • Assessing environmental impacts from transportation in underserved communities (i.e., air quality, greenhouse gas emissions, extreme heat hot spots, gaps in tree canopy coverage, or flood prone transportation infrastructure) • Developing local anti-displacement policies and community benefit agreements 	<p>\$185 Million</p> <ul style="list-style-type: none"> • \$50M RCP Planning funds • \$135M NAE Funds
Regional Partnerships Challenge	<p>To incentivize stronger partnerships between local governments, Tribal governments, MPOs/RPOs, State DOTs, and non-profit, private, and community partners to tackle persistent equitable access and mobility challenges, as well as greenhouse gas emissions reductions. Applicants must consist of a partnership between two or more eligible agencies.</p>	<p>\$450 Million NAE Funds</p>

PAMELA R. HAZNAR



IS RETIRING FROM
MASSDOT
AFTER 39 YEARS OF
DEDICATED SERVICE.

THURSDAY, JULY 6TH

THE RESERVATION GOLF CLUB
10 RESERVATION ROAD
MATTAPOISETT, MA

THE CELEBRATION BEGINS AT 6:00 PM.

PLEASE JOIN US TO HELP HER CELEBRATE
AND TO WISH HER WELL WITH DINNER AND
DANCING. CASH BAR AVAILABLE.

TICKETS: \$60 PER PERSON.
LOOK FOR PAMELA HAZNAR'S RETIREMENT
PARTY AT [EVENTBRITE.COM/E/646325546107](https://eventbrite.com/e/646325546107)
(RSVP BY 6/26)

CONTACTS: ANDREA COATES &
BARBARA LACHANCE



Date and Time of Next Old Colony MPO Virtual Meeting(s)

The Old Colony MPO members are respectfully requested to confirm the dates and times of their next virtual meeting(s).

2023

- **July 18, 2023 at 10 AM**
- **August 15, 2023 at 10 AM**
- **September 19, 2023 at 10 AM**

June 20, 2023 Old Colony MPO Meeting
Agenda Item 12
Adjournment

Summary

Adjournment of meeting.