

OLD COLONY METROPOLITAN PLANNING ORGANIZATION (MPO)

C/o Old Colony Planning Council, 70 School Street, Brockton, MA / Phone: 508-583-1833

www.oldcolonyplanning.org

OLD COLONY MPO VOTING MEMBERS

CITY OF BROCKTON

TOWN OF PLYMOUTH

TOWN OF WEST BRIDGEWATER - REPRESENTING
AVON, EAST BRIDGEWATER, HALIFAX, HANOVER,
HANSON, KINGSTON, PLYMPTON, AND
WEST BRIDGEWATER

TOWN OF WHITMAN - REPRESENTING
ABINGTON, BRIDGEWATER, DUXBURY, EASTON,
PEMBROKE, STOUGHTON, AND WHITMAN

BROCKTON AREA TRANSIT AUTHORITY (BAT)

MASSACHUSETTS DEPARTMENT OF
TRANSPORTATION (MASSDOT)

MASSACHUSETTS DEPARTMENT OF
TRANSPORTATION (MASSDOT) HIGHWAY DIVISION

OLD COLONY PLANNING COUNCIL (OCPC)

OLD COLONY MPO EX-OFFICIO NON-VOTING MEMBERS

OLD COLONY JOINT TRANSPORTATION COMMITTEE
(JTC)

FEDERAL HIGHWAY ADMINISTRATION (FHWA)
MASSACHUSETTS DIVISION

FEDERAL TRANSIT ADMINISTRATION (FTA)
REGION 1

NOTICE OF VIRTUAL MEETING

Tuesday, February 21, 2023, 10:00 A.M.

Join Zoom Virtual Meeting:

<https://zoom.us/join>

Meeting ID: 828 6889 7278 | Password: 370367

Dial by your phone: +1-646-518-9805

Meeting ID: 828 6889 7278 | Password: 370367

AGENDA

1. Call to Order, Accessibility Statement, Title VI Notice of Protection, and Introductions
2. Public Comments
3. Minutes of January 17, 2023 Old Colony MPO Meeting
4. Brockton Area Transit (BAT) Report
5. FFY 2023-2027 Old Colony Transportation Improvement Program (TIP) Adjustments and/ or Amendments
 - Amendment 1 (Programming of FY 2023 Community Transit Grant Program Projects) - Public Comments and Potential Endorsement
6. Development of FFY 2024-2028 Old Colony Transportation Improvement Program (TIP)
 - Review of Projects including Transportation Evaluation Criteria and Results of TIP Readiness Day
7. Status Report on Route 18 Corridor Study in the Communities of Bridgewater and East Bridgewater
8. Administrative Matters, Other Business, and Date and Time of Next Meeting(s)
9. Adjournment

The Old Colony MPO fully complies with Title VI of the Civil Rights Act of 1964 and related statutes and regulations in all programs and activities. The Old Colony MPO operates without regard to race, color, or national origin (including limited English proficiency), age, sex, disability, ancestry, ethnicity, gender, gender identity or expression, sexual orientation, religion, creed, veteran's status, or background. Any person who believes that they or any specific class of persons to be subject to discrimination prohibited by Title VI may by themselves or by representative file a written complaint with the Old Colony MPO. Complaints are to be filed no later than 180 days from the date of the alleged discrimination. Please contact Mary Waldron at 508-583-1833 for more information.

This meeting is accessible to people with disabilities and those with limited English proficiency. Accessibility accommodations and language services will be provided free of charge, upon request, as available. For more information or to request reasonable accommodation and/or language services please, contact Mary Waldron at 508-583-1833.

- If this information is needed in another language, please contact Mary Waldron at 508-583-1833.
- Se esta informação é necessária em outro idioma, entre em contato com Mary Waldron em 508-583-1833.
- Si se necesita esta información en otro idioma, por favor póngase en contacto con Mary Waldron al 508-583-1833.
- Si yo bezwen enfòmasyon sa a nan yon lòt lang, tanpri kontakte Mary Waldron nan 508-583-1833.

The public discussion of the Transportation Improvement Program (TIP) at Old Colony JTC, Old Colony MPO, and transportation meetings satisfies the Program of Projects (POP) public hearing requirements of the Federal Transit Administration (FTA).

February 21, 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 these accommodations, 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.”

February 21, 2023 Old Colony MPO Meeting
Agenda Item 2
Public Comments

Summary

Public comments.

February 21, 2023 Old Colony MPO Meeting
Agenda Item 3
Minutes of January 17, 2023 Old Colony MPO Meeting

Summary

The Old Colony MPO is respectfully asked to consider approval of the January 17, 2023 Old Colony MPO Meeting Minutes.

OLD COLONY METROPOLITAN PLANNING ORGANIZATION (MPO)

Minutes of the Old Colony MPO Virtual Meeting, January 17, 2023 - 10:00 A.M., Held Via Zoom

Signatories Present:

Stephen Woelfel, Representing Gina Fiandaca, Secretary and CEO, MassDOT
Pam Haznar, Representing Jonathan Gulliver, Administrator, MassDOT Highway Division
Joseph DeGrace, Representing Mayor Robert Sullivan, City of Brockton
Lee Hartmann, Representing Betty Cavacco, Chair, Select Board, Town of Plymouth
Dan Salvucci, Vice-Chair, Board of Selectmen, Whitman
Meredith Anderson, Clerk, Board of Selectmen, West Bridgewater
Michael Lambert, Administrator, Brockton Area Transit (BAT)
Mary Waldron, Representing Valerie Massard, President, Old Colony Planning Council (OCPC)

Others Present:

Rita Mendes, State Representative, 11th Plymouth District, and Brockton Councilor at Large
Bruce Hughes, Abington
Glenn Geiler, BAT
Kamiya Parkin, Brockton
Mary DeFrias, GATRA
Andrew Reovan, FHWA
Michelle Ho, MassDOT
Raissah Kouame, MassDOT
Derek Krevat, MassDOT
Annabel Shein, MassDOT
Andrew Wang, MassDOT
Shawn Bailey, OCPC
Ray Guarino, OCPC
Charles Kilmer, OCPC
Guoqiang Li, OCPC
Bill McNulty, OCPC
Kyle Mowatt, OCPC
Jay Song, 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 then conducted the roll and announced there was a quorum present.

2. Public Comments

There were no public comments.

3. Minutes of the December 20, 2022 Meeting

OLD COLONY METROPOLITAN PLANNING ORGANIZATION (MPO)

Chairperson Woelfel asked the MPO Members for comments or changes regarding the minutes of the December 20, 2022 meeting.

Dan Salvucci made a motion and Meri Anderson seconded to endorse the minutes of the December 20, 2022 meeting.

There being no changes, the Old Colony MPO then voted via roll call to endorse the minutes of the December 20, 2022 Old Colony MPO Meeting. Pam Haznar abstained from the vote due to her absence from the last MPO Meeting.

4. Brockton Area Transit (BAT) Report

Michael Lambert reported on the following:

- BAT has wrapped up their free fare program that started from Thanksgiving and went through New Year's Eve
- There was a 3% increase in ridership over the first week of November. BAT managed to avoid a typical drop in ridership due to the free fare program
- Micro Transit service started in Rockland the beginning of December. A full public launch will be towards the end of January

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

Pam Haznar provided an update on some projects under design or construction. They are as follows:

FFY 2023

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

- PS&E due in January

STOUGHTON - CORRIDOR IMPROVEMENTS ON ROUTE 138

- PS&E due in March

DUXBURY - BRIDGE REPLACEMENT, D-14-010 (48H & 48J), ROUTE 3 (PILGRIM HIGHWAY) NB/SB OVER FRANKLIN STREET

- Letters of Intent have gone out and responses are due in December
- RFQ is to be mailed out shortly

FFY 2024

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

- Comment Resolution Meeting recently held
- Expecting 75% design in July

OLD COLONY METROPOLITAN PLANNING ORGANIZATION (MPO)

BROCKTON - INTERSECTION IMPROVEMENTS AND RELATED WORK AT CENTRE STREET (ROUTE 123), CARY STREET AND LYMAN STREET

- 75% plans are due in January

FFY 2025

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 with revised 25% design due in January
- Received the Bridge Type Study

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

- 100% design due in April

FFY 2026

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

- At Pre-25% design and expecting 25% design in February

BROCKTON - INTERSECTION IMPROVEMENTS @ CRESCENT STREET (ROUTE 27)/QUINCY STREET/MASSASOIT BOULEVARD

- At 25% Design
- Awaiting input from City of Brockton; Coordination meeting needs to be held to see the projects status

PROJECTS NOT PROGRAMMED:

STOUGHTON - RECONSTRUCTION OF TURNPIKE STREET

- Design Public Hearing Held
- Moving toward 75% Design

EASTON - RECONSTRUCTION AND RELATED WORK ON ROUTE 138 AND 123, FROM BELMONT STREET TO DEPOT STREET

- Design consultant under contract
- MassDOT will be moving ahead with this project

BROCKTON - INTERSECTION IMPROVEMENTS AT ROUTE 123 (BELMONT STREET), PEARL STREET AND STONEHILL STREET

- Design consultant under contract
- Coordination meeting to be scheduled

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

- **Amendment 1 (Programming of FY 2023 Community Transit Grant Program Projects) - Review and Potential Release to Public Review and Comment Period**

OLD COLONY METROPOLITAN PLANNING ORGANIZATION (MPO)

Bill McNulty presented TIP Amendment 1.

Amendment 1 includes the following four (4) changes:

FFY 2023

5310

1. BRIDGEWATER COUNCIL ON AGING

- AMENDMENT: ADD PROJECT - FUNDING FOR STAFF SALARIES, OUTREACH AND PROMOTIONAL MATERIALS, AND PARATRANSIT SCHEDULING SOFTWARE FOR A PROGRAM TO PROVIDE WEEKLY SHUTTLES AND ON-DEMAND TRIPS
- COST IS \$27,600 (\$22,080 FEDERAL: \$5,520 LOCAL)

2. BROCKTON AREA TRANSIT (BAT)

- AMENDMENT: ADD PROJECT - EXPAND SERVICE TO TOWN OF ROCKLAND
- COST IS \$275,000 (\$137,500 FEDERAL: \$137,500 LOCAL)

3. OLD COLONY PLANNING COUNCIL (OCPC)

- AMENDMENT: ADD PROJECT - OPERATING ASSISTANCE FOR VOLUNTEER TRANSPORTATION PROGRAM (VTP)
- COST IS \$60,000 (\$30,000 FEDERAL: \$30,000 LOCAL)

4. SOUTH SHORE COMMUNITY ACTION COUNCIL (SSCAC)

- AMENDMENT: ADD PROJECT - OPERATING ASSISTANCE TO SUPPORT SSCAC TRANSPORTATION PROGRAM
- COST IS \$250,000 (\$125,000 FEDERAL: \$125,000 LOCAL)

Chairperson Woelfel asked if there is a motion to release Amendment 1 to a 21-day Public Review and Comment Period. A motion was made by Dan Salvucci and seconded by Meri Anderson.

Michael Lambert offered his thanks to the Chair and MassDOT for the Community Transit Grant to expand service in Rockland.

The Old Colony MPO then voted unanimously via roll call to release Amendment 1 to a 21-day Public Review and Comment Period.

7. Performance Based Planning and MassDOT Proposed Performance Measures and Targets (PM1, PM2, and PM3)

- Discussion, and Possible Adoption of the Proposed Set of Federally Required Performance Measure and Targets pertaining to PM1, PM2, and PM3

Bill McNulty presented the PM1 Performance Measures.

PM1 Highway Safety:

OLD COLONY METROPOLITAN PLANNING ORGANIZATION (MPO)

- Total Fatalities: CY 23 Target: .59
- Total Serious Injuries: CY 23 Target: 4.25
- Total Combined Non-Motorized Injuries & Fatalities: CY 23 Target: 437

Jack Moran then presented the PM2 Performance Measures.

PM2 Bridge and Pavement Conditions:

Pavement Targets - Interstate:

	Base	2023	2025
% Good	72	70	70
% Poor	0	2	2

Pavement Targets - Non Interstate:

	Base	2023	2025
% Good	33.9	30	30
% Poor	2.9	5	5

NHS Bridge Targets:

	Base	2023	2025
% Good	16%	16%	16%
% Poor	12%	12%	12%

Raissah Kouame and Derek Krevat then presented the PM3 Performance Measures.

PM3 System Reliability Performance:

Measure	2022 Figure	Proposed 2024 Target (CY2022-CY2023 Performance Period)	Proposed 2026 Target (CY2022-CY2025 Performance Period)
Travel Time Reliability	Interstate: 68% Non-Interstate: 80%	Interstate: 74% Non-Interstate: 85%	Interstate: 76% Non-Interstate: 87%
Truck Travel Time Reliability	1.85	1.80	1.75
Peak Hour Excessive Delay (annual hours per capita)	Boston: 18.31	Boston: 24	Boston: 22
	n/a	Springfield: 6.5	Springfield: 6
	n/a	Worcester: 7	Worcester: 5
Non-SOV Travel	Boston: 33.6%	Boston: 38.77%	Boston: 39.81%
	n/a	Springfield: 22.17%	Springfield: 22.24%
	n/a	Worcester: 25.35%	Worcester: 26.12%
Emissions Reduction	N/A	Waltham: 0.28 kg of CO/day	TBD

OLD COLONY METROPOLITAN PLANNING ORGANIZATION (MPO)

Chairperson Woelfel asked if there is a motion to adopt performance measures PM1, PM2, and PM3.

Dan Salvucci made a motion and Meri Anderson seconded.

Dan Salvucci asked if OCPC is comfortable with the performance measures and achieving them. Bill McNulty replied by saying yes.

The Old Colony MPO then voted unanimously via roll call to adopt performance measures PM1, PM2, and PM3.

8. Development of the 2050 Old Colony Long Range Transportation Plan (LRTP) – Update and Status Report

Bill McNulty provided an update and status report on the development of the 2050 Old Colony LRTP.

Old Colony Planning Council is collaborating with MassDOT and mobility partners in the region to plan focus group meeting(s) in the coming months to discuss mobility needs and challenges for the region to be focused on in the 2050 Long Range Transportation Plan. The first focus group meeting will be held in cooperation and collaboration with the Brockton Area Transit (BAT) Authority and will be scheduled this month (January 2023).

A public survey has been released and will be active through January. This survey was developed in cooperation with the Massachusetts Department of Transportation. The survey can be found and taken at the following link: <https://www.surveymonkey.com/r/FKDKQZY>

Old Colony Planning Council is currently reviewing and commenting on socioeconomic (population, households, and employment) estimates for 2030, 2040, and 2050. A final set of figures is anticipated this Spring. This data along with American Community Survey (ACS) data sets will be used to develop and calibrate the travel demand model which will be used for scenario planning.

Stakeholder engagement is currently underway. Meetings with stakeholders are being scheduled to discuss their needs and solicit their input into the process. A series of or public engagement events (webinars, open houses, information tables) are also being planned and scheduled.

Old Colony Planning Council is currently performing a pavement conditions assessment of the federal-aid eligible roadway network in the Old Colony region. This assessment will be used in developing investment scenarios and an overall investment figure needed to improve and maintain the entire system in a state of good repair.

The Draft 2050 Long Range Transportation Plan will be released for public review and comment later this Spring.

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:

Federal Transportation Funding: Fiscal Year 2023 Discretionary Grant Preparation Checklist for Prospective Applicants

Over \$32 billion is available to the U.S. Department of Transportation (DOT) in new fiscal year 2023 Budget Authority to provide competitive grant funding to local governments, metropolitan planning organizations, transit agencies, Tribal governments, U.S. Territories, and state departments of transportation. Some grant programs created in the Bipartisan Infrastructure Law are also available to non-profit organizations, academic institutions, and private businesses that are doing work to advance community infrastructure projects, improve safety and economic development, or help to transition to a clean energy and more climate resilient future.

This checklist was created by DOT to help local governments prepare for the year ahead and chart a strategic pathway to take advantage of these historic infrastructure investments to build good projects well.

<https://www.transportation.gov/sites/dot.gov/files/2023-01/FY-2023-Discretionary-Grant-Preparation-Checklist-for-Prospective-Applicants.pdf>

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

- **February 21, 2023 at 10 AM**
- **March 21, 2023 at 10 AM**
- **April 18, 2023 at 10 AM**
- **May 16, 2023 at 10 AM**
- **June 20, 2023 at 10 AM**
- **July 18, 2023 at 10 AM**

Mary Waldron welcomed and introduced Jay Song as OCPCs new provisional employee.

Chairperson Woelfel announced that the MassDOT Innovation Conference will take place May 2-3, 2023 at the DCU Center in Worcester.

10. Adjournment

Chairperson Woelfel adjourned the meeting at 11:00 AM.

Respectfully submitted,

Kyle Mowatt

Kyle Mowatt, Senior Transportation Planner

OLD COLONY METROPOLITAN PLANNING ORGANIZATION (MPO)

List of Documents for the January 17, 2023 Old Colony MPO Meeting

- Minutes of December 20, 2022, Old Colony MPO Meeting
- Staff Report for January 17, 2023 Old Colony MPO Meeting Agenda Items
- Presentation on PM1, PM2, and PM3 Performance Measures and Targets

February 21, 2023 Old Colony MPO Meeting
Agenda Item 4
Brockton Area Transit Authority (BAT) Report

Summary

Brockton Area Transit to provide report.

February 21, 2023 Old Colony MPO Meeting
Agenda Item 5

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

- Amendment 1 (Programming of FY 2023 Community Transit Grant Program Projects) - Public Comments and Potential Endorsement

Summary

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.

Amendment 1 includes the following four (4) changes:

FFY 2023

5310

1. BRIDGEWATER COUNCIL ON AGING

- AMENDMENT: ADD PROJECT - FUNDING FOR STAFF SALARIES, OUTREACH AND PROMOTIONAL MATERIALS, AND PARATRANSIT SCHEDULING SOFTWARE FOR A PROGRAM TO PROVIDE WEEKLY SHUTTLES AND ON-DEMAND TRIPS
- COST IS \$27,600 (\$22,080 FEDERAL: \$5,520 LOCAL)

2. BROCKTON AREA TRANSIT (BAT)

- AMENDMENT: ADD PROJECT - EXPAND SERVICE TO TOWN OF ROCKLAND
- COST IS \$275,000 (\$137,500 FEDERAL: \$137,500 LOCAL)

3. OLD COLONY PLANNING COUNCIL (OCPC)

- AMENDMENT: ADD PROJECT - OPERATING ASSISTANCE FOR VOLUNTEER TRANSPORTATION PROGRAM (VTP)
- COST IS \$60,000 (\$30,000 FEDERAL: \$30,000 LOCAL)

4. SOUTH SHORE COMMUNITY ACTION COUNCIL (SSCAC)

- AMENDMENT: ADD PROJECT - OPERATING ASSISTANCE TO SUPPORT SSCAC TRANSPORTATION PROGRAM
- COST IS \$250,000 (\$125,000 FEDERAL: \$125,000 LOCAL)

FFY 2023-2027 Old Colony Transportation Improvement Program (TIP) Amendment 1

Public Comment Matrix

Date	Name	Representation	Comment or Comment Summary	Response
1/17/2023	Michael Lambert, Administrator	Brockton Area Transit Authority	Mr. Lambert on behalf of Brockton Area Transit expressed gratitude to MassDOT for the Community Transit Grant Program and noted the benefits of the program.	Noted.
1/18/2023	Carlton Hunt	Town of Bridgewater	Mr. Hunt thanked MassDOT, and the Old Colony MPO for a Community Transit Grant awarded to Bridgewater.	Noted.
1/25/2023	Old Colony Planning Council (OCPC) Board of Directors	Old Colony Region	Staff presented Amendment 1 to the Old Colony Planning Council Board of Directors on 1/25/2023.	Noted.

FFY 2023-2027 Old Colony Transportation Improvement Program (TIP) Amendment 1

Public Comment Matrix

			The Board voted unanimously to approve Amendment 1 as presented.	
2/2/2023	Old Colony Joint Transportation Committee (JTC)		Staff presented Amendment 1 to the Old Colony Joint Transportation Committee on 2/2/2023. The Joint Transportation Committee voted unanimously to approve Amendment 1 as presented.	Noted.

Comments as of Close of Business (COB) on February 17, 2023.

February 21, 2023 Old Colony MPO Meeting
Agenda Item 6

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

- Review of Projects including Transportation Evaluation Criteria and Results of TIP Readiness Day

Summary

The development of the **FFY 2024-2028 Transportation Improvement Program (TIP)** is underway. 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).

TIP Readiness Days

Held annually, TIP Readiness Days is a collaborative process of gathering information and discussing currently programmed projects, and candidate projects being considered for programming.

During the information gathering phase, MPOs provide preliminary review of the FFY 2023-2027 Regional Priority Projects list and advise if the specific projects are intended

to be programmed in the currently programmed FFY or a different FFY. The MPOs also offer additional projects for review and potential programming consideration. Concurrently, MassDOT Districts, Right-of-Way Bureau, Environmental Offices, Program Managers, and Section Directors review the projects and offer comments on project status and readiness.

Following the information gathering phase, MassDOT and the MPO staffs meet to interactively review the status and readiness information for the projects. The result is a recommend year of programming for the projects reviewed.

Transportation Evaluation Criteria

During TIP development, current and proposed projects are evaluated using Transportation Evaluation Criteria (TEC). 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, to develop scenarios for Preferred Set of Projects for MPO review, discussion, and consideration.

PROJECT LOCATION AND DESCRIPTION	PROJECT ID#	PROGRAM YEAR (READINESS DAY YEAR)	TEC SCORE
BROCKTON - INTERSECTION IMPROVEMENTS AND RELATED WORK AT CENTRE STREET (ROUTE 123), CARY STREET AND LYMAN STREET	609410	2024 (2024)	48.89
BROCKTON - SYSTEMIC COUNTERMEASURES/SAFE SYSTEMS IMPLEMENTATION CITY-WIDE	S12638	2024 (2025)	N/A
STOUGHTON - CORRIDOR IMPROVEMENTS ON ROUTE 138 AC PHASE 2 OF 2	607403	2024 - AC PHASE 2 OF 2 (2024)	51.78
BROCKTON - ROUTE 123 (CENTRE STREET) AT PLYMOUTH STREET SIGNALIZATION AND GEOMETRIC IMPROVEMENTS	609052	2024 (2024)	44.06
PLYMPTON - BRIDGE REPLACEMENT, WINNETUXET ROAD OVER WINNETUXET RIVER	609435	2024 (2024)	N/A
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 (2025)	50.39

EASTON - CORRIDOR IMPROVEMENTS ON ROUTE 138 INCLUDING INTERSECTION IMPROVEMENTS AT ROUTE 138 (WASHINGTON STREET) AND ELM STREET	608195	2025 (2025)	42.89
DUXBURY - SIGNAL INSTALLATION @ ROUTE 3 (NB & SB) RAMPS & ROUTE 3A (TREMONT STREET)	606002	2026 (2026)	38.22
ABINGTON - INTERSECTION IMPROVEMENTS AT HANCOCK STREET AND CHESTNUT STREET	609440	2026 (2026)	41.06
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	608506	2026 - AC PHASE 1 OF 2 (2027)	38.22
AVON - INTERSECTION IMPROVEMENTS AT ROUTE 28, SPRING STREET AND HARRISON BOULEVARD	611979	2026 (2026)	51.06
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	608506	2027 - AC PHASE 2 OF 2 (2028)	38.22
BROCKTON - INTERSECTION IMPROVEMENTS @ CRESCENT STREET (ROUTE 27)/ QUINCY STREET/ MASSASOIT BOULEVARD	606143	2027 (2050 - i.e. move out of funded committed portion of TIP)	45.83

DUXBURY - BRIDGE REPLACEMENT, D-14-003 (438), POWDER POINT AVENUE OVER DUXBURY BAY	612006	AC 2027, 2028, 2029, 2030 (AC 2027, 2028, 2029, 2030)	N/A
STOUGHTON - RECONSTRUCTION OF TURNPIKE STREET	607214	NOT PROGRAMMED	38.89
EASTON - INTERSECTION IMPROVEMENTS AT ROUTE 138 AND TURNPIKE STREET, AT ROUTE 138 AND PURCHASE STREET, AT TURNPIKE STREET AND PURCHASE STREET	612975	NOT PROGRAMMED (2028)	TBD
EASTON - IMPROVEMENTS ON FOUNDRY STREET (ROUTE 106/123)	612269	NOT PROGRAMMED (2028)	TBD
EASTON - RECONSTRUCTION AND RELATED WORK ON ROUTES 138 AND 123, FROM BELMONT STREET TO DEPOT STREET	612617	NOT PROGRAMMED (2028)	TBD
HANOVER - CORRIDOR IMPROVEMENTS ON ROUTE 139 (HANOVER STREET) AT MAIN STREET, CENTER STREET AND SILVER STREET	612769	NOT PROGRAMMED (2028)	TBD
ABINGTON - INTERSECTION IMPROVEMENTS ROUTE 18 (BEDFORD STREET) AT ROUTE 123 (BROCKTON AVENUE)	612770	NOT PROGRAMMED (2028)	TBD

STOUGHTON - INTERSECTION IMPROVEMENTS AT CANTON STREET (ROUTE 27), SCHOOL STREET AND SUMMER STREET	611981	NOT PROGRAMMED (2028)	44.67
BROCKTON - INTERSECTION IMPROVEMENTS AT ROUTE 123 (BELMONT STREET), PEARL STREET AND STONEHILL STREET	612262	NOT PROGRAMMED (2028)	60.61
EASTON - IMPROVEMENTS ON FOUNDRY STREET (ROUTE 106/123)	612269	NOT PROGRAMMED (2028)	40.5
ABINGTON - INTERSECTION IMPROVEMENTS, RANDOLPH ST AND RICHARD A FITTS DRIVE (ROUTE 139) AT CHESTNUT STREET AND OLD RANDOLPH STREET	612525	NOT PROGRAMMED (2028)	47.44
BROCKTON - IMPROVEMENTS ON FOREST AVENUE, FROM WEST STREET TO BREER STREET	612526	NOT PROGRAMMED (2028)	53.67

February 21, 2023 Old Colony MPO Meeting
Agenda Item 7

Status Report on Route 18 Corridor Study in the Communities of
Bridgewater and East Bridgewater

Summary

The study purpose is to study in-depth the Route 18 Corridor, approximately 9 miles, in the Towns of Bridgewater and East Bridgewater to develop short-term and long-term recommendations and strategies that focus on transportation equity, improved circulation and mobility, reduced congestion, and improvements in air quality for all transportation modes, including bicycle, pedestrian, and transit. The corridor study area includes Route 18 from the Whitman Town line with East Bridgewater and ends at the Bridgewater/Middleborough Town line.

Staff will review levels-of-service, crash analyses, bus routes and transit access, and include public participation as part of the process. The Route 18 Corridor Study will align with industry standards based on Federal and State study guidelines and practices, with the consideration of local ordinance and statutes. The study will determine system needs and identify operational deficiencies and will coordinate improvements to support regional and local objectives, adjacent land use, and future land use development. The study will consolidate and formalize driveway access, improve intersection design, improve air quality, and reduce emissions. Suggested further

evaluation, such as intersection Road Safety Audits, Site Impact Analyses, housing demand and supply analyses, before and after analyses, Origin and Destination surveys etc. will be discussed.

Topics:

1. Project Overview
2. Data collection
 - a. Transportation operational data
 - b. Field studies
 - c. Communities' meetings and coordination
3. Preliminary findings
 - a. Intersection level of services
 - b. Crash summary
 - c. Crash cluster area
4. Public outreach
 - a. Survey Monkey
 - b. Public meetings
5. Next Steps
 - a. Stakeholders' meetings
 - b. Corridor improvement alternatives analysis
 - c. Draft Report



OLD COLONY
PLANNING COUNCIL

Route 18 Corridor Study Update East Bridgewater Bridgewater

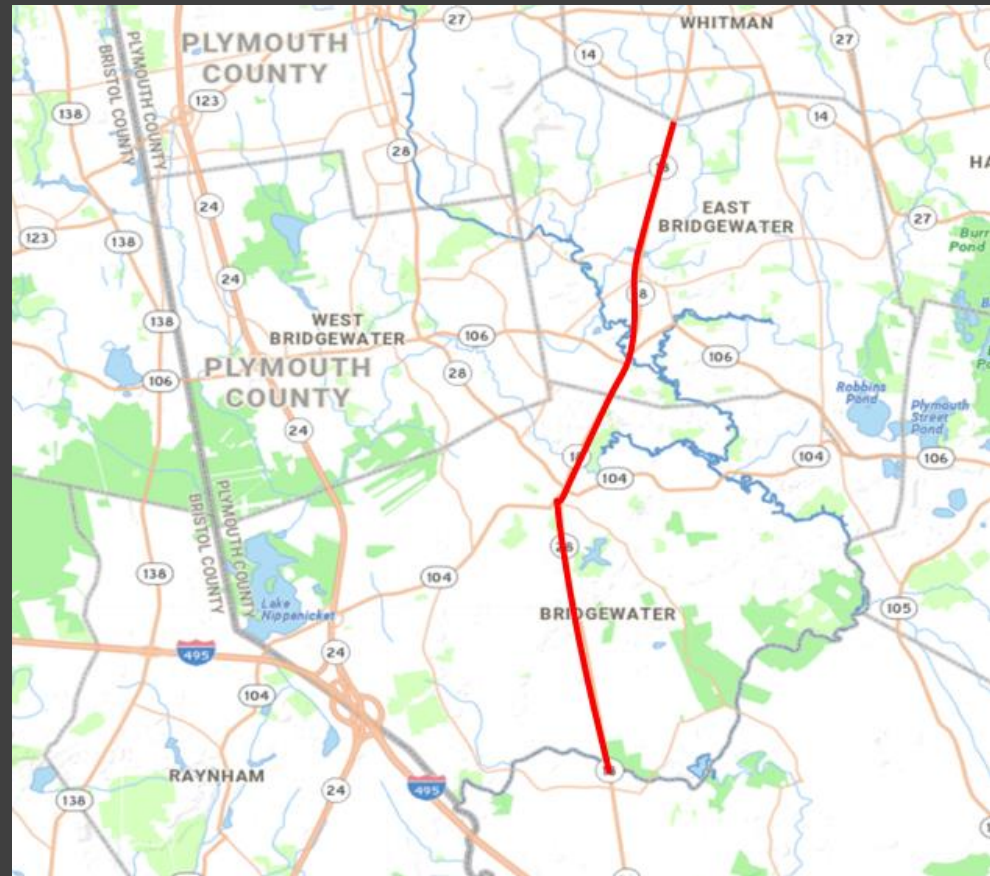
MPO Item 7 – Feb 21, 2023

Route 18 Corridor Study Scope

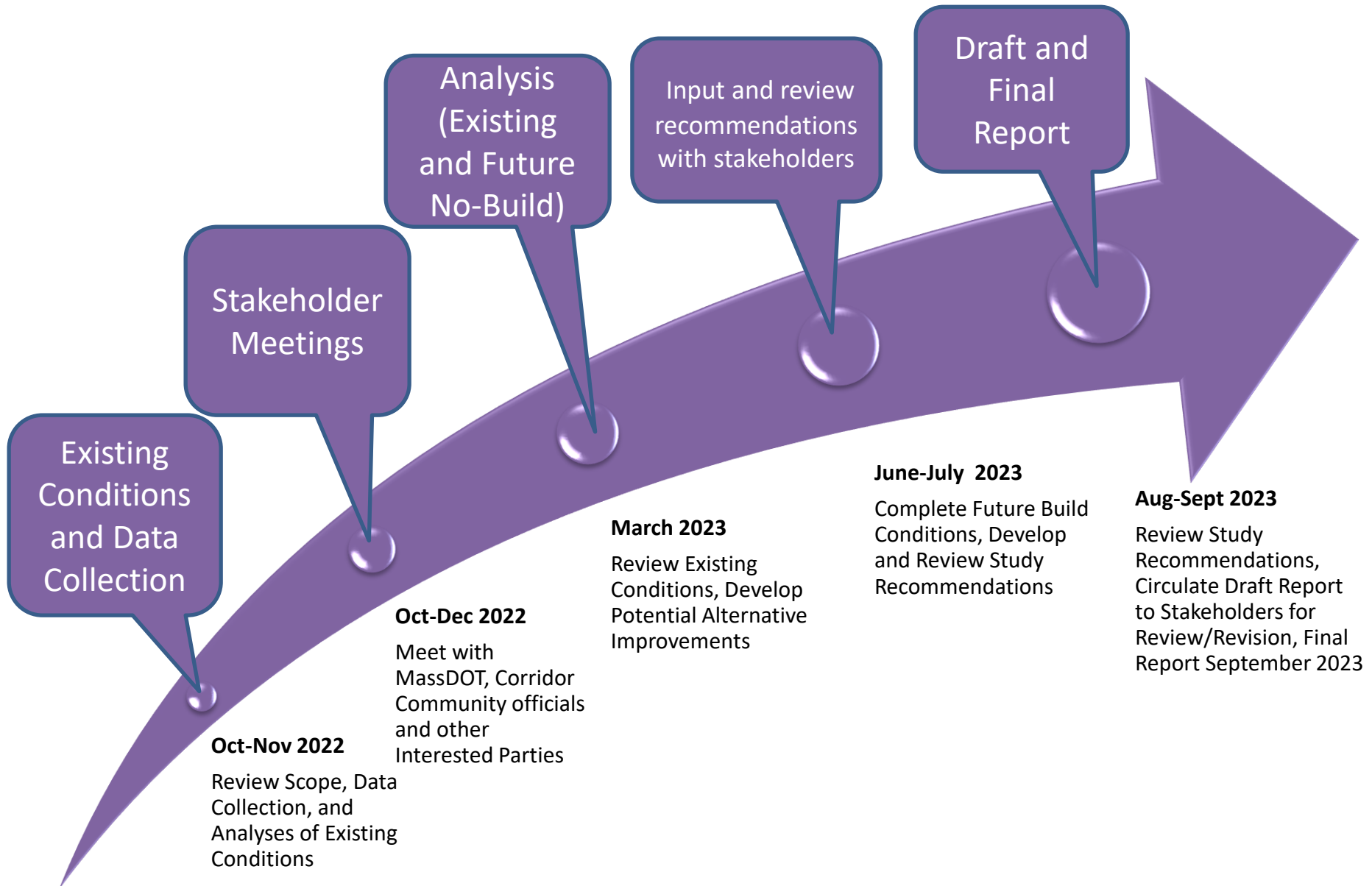
The study focuses on:

- **Traffic volumes, average daily traffic (24-hour), speeds, heavy vehicle volumes, and peak hour intersection turning movement volumes and intersection congestion**
- **Bottlenecks**
- **Peak Hour levels-of service at key intersections (delay measurement, LOS A to F)**
- **Safety - Number and types of crashes and crash rates, problematic locations**
- **The condition of the built environment including pavement, sidewalks, pavement markings, traffic control devices and signage**
- **Transit operations**
- **Bicycle and pedestrian safety and accommodations (and access to transit)**
- **Truck operations and constraints (turning radii, height and weight restrictions)**
- **Changing land use and zoning and the potential impacts of land use on traffic and transportation**
- **Environmental conditions (wetlands, flooding)**
- **The study's final report will be completed in September 2023**

Study Purpose: Address traffic congestion and improve safety and mobility for all road users (bicyclists and walkers), coordinate planned projects and planned development and land use changes. Develop short-term and long-term improvements.



Route 18 Corridor Study Area Timeline



Route 18 Corridor Survey

1. What city/town are you currently living in?
2. Is your trip destination located along the Route 18 Corridor or are you passing through?
3. Why do you travel along Route 18 (select all that apply)?
4. What mode do you use to travel along Route 18 (select all that apply)?
5. What time periods do you think the most congested time occur along Route 18 Corridor?
6. Do you feel Route 18 is a congested corridor?
7. Do you feel Route 18 is a dangerous corridor?
8. If available, would you consider the other modes to travel along Route 18?
9. Do you find yourself seeking alternate routes to avoid Route 18 congestion on a regular basis?
10. What would you like to see for the future of Route 18 Corridor?
11. What are your main concerns for Route 18 Corridor?
12. Which infrastructure investments do you think should be considered to improve access and mobility along Route 18?
13. Would you like to participate future meetings for Route 18 Corridor Planning Study?

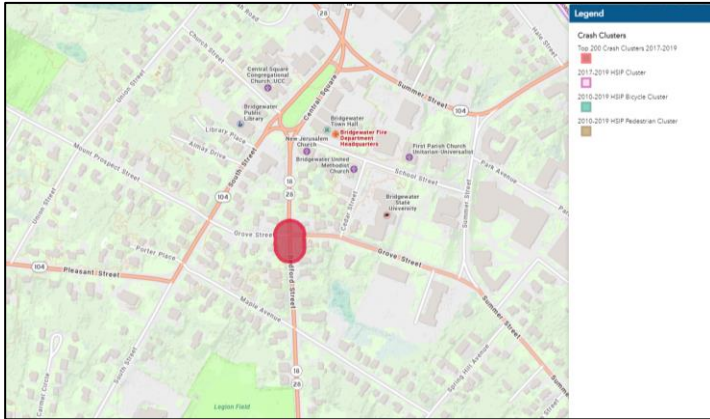
- ENGLISH
- FRENCH
- HAITIAN CREOLE
- PORTUGUESE
- SPANISH

- TOWN WEBSITES
- OCPC WEBSITE NEWSLETTER
- SOCIAL MEDIA

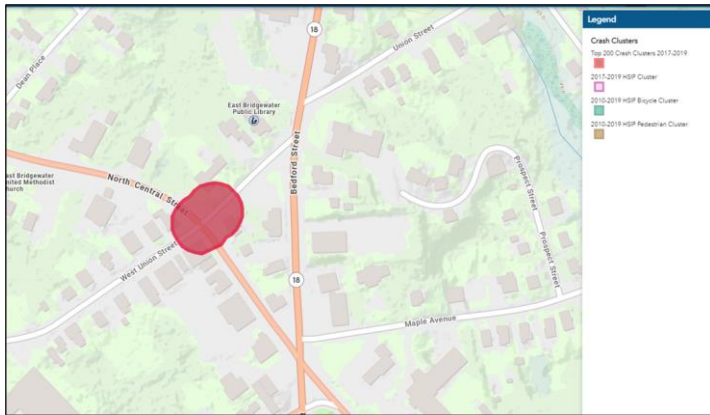
SAFETY

MassDOT,
Top 200 Crash Location 2017 to 2019

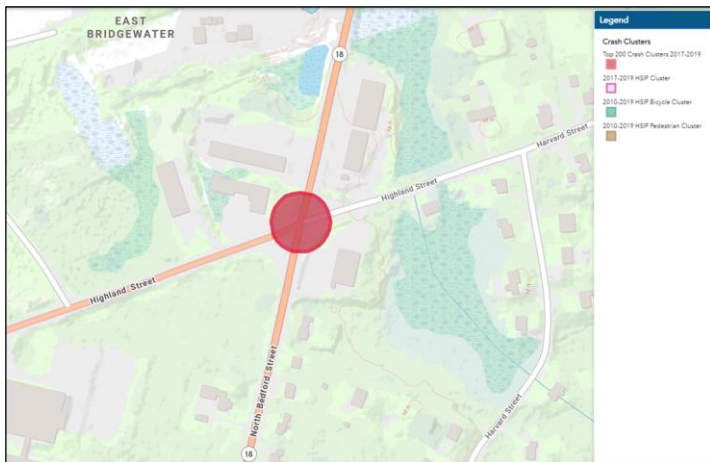
Route 18 Bedford Street at Grove Street, Bridgewater



North Central Street at Union Street, East Bridgewater



North Bedford Street Route 18 at Highland Street, East Bridgewater



SAFETY (2020-2021-2022)

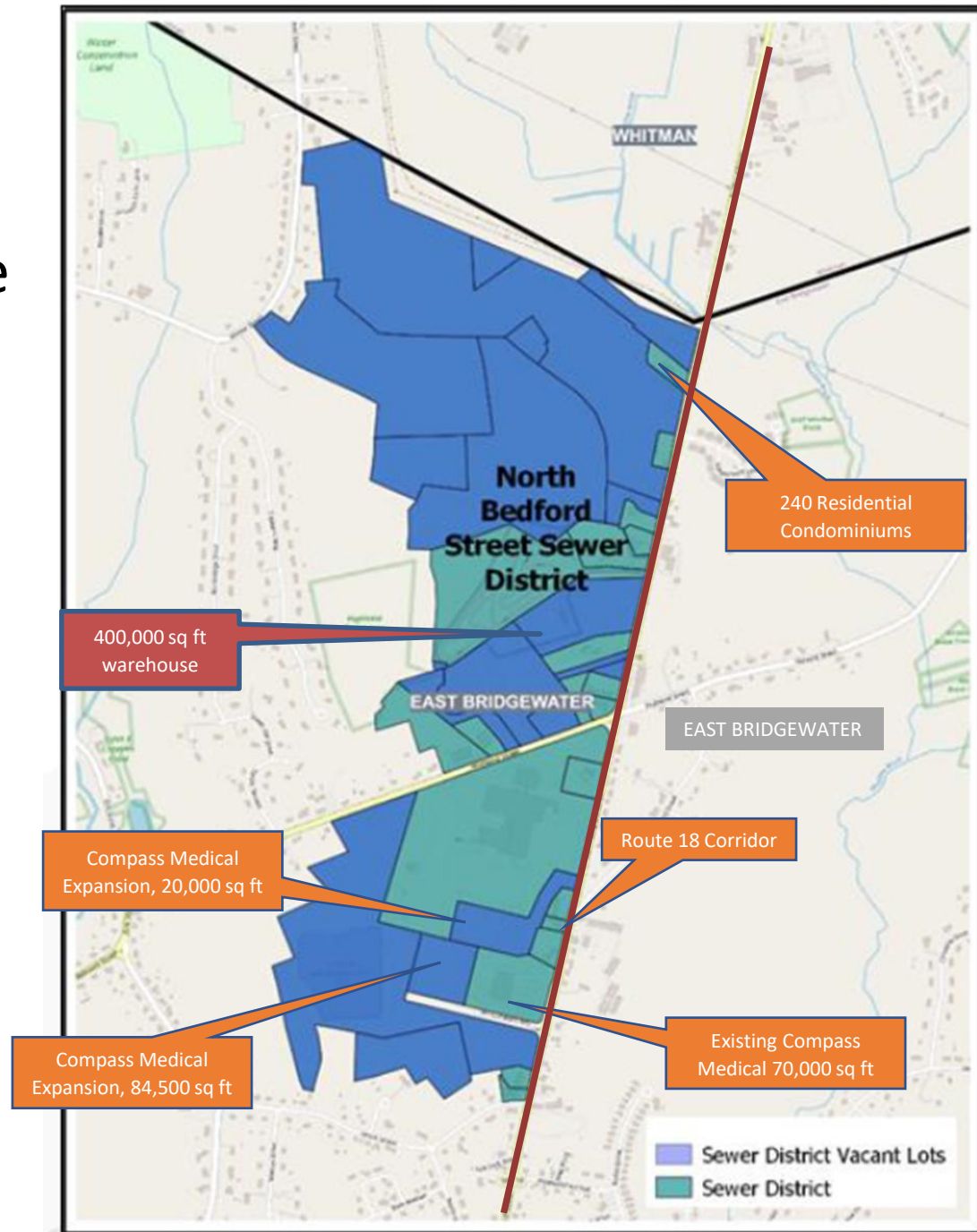
	INTERSECTION	Fatal	Personal Injury Crashes	Prop Damage Only	Total	Crash Rate
1	North Bedford Street (Route 18) at Highland Street at Harvard Street	0	13	23	36	1.54
2	North Bedford Street (Route 18) at Compass Way	0	1	2	3	0.17
3	North Bedford Street (Route 18) at Union Street (North Intersection)	0	3	14	17	0.89
4	North Bedford Street (Route 18) at Union Street (South Intersection)	0	0	3	3	0.16
5	Bedford Street (Route 18) at Spring Street/Central Street/Maple Avenue	0	8	58	66	2.41
6	Bedford St at EB High School	0	1	4	5	0.37
7	Bedford Street (Route 18) at Whitman Street (Route 106)	0	1	17	18	0.76
8	Bedford Street (Route 18) at West Street (Route 106) and East Street	0	9	33	42	1.54
9	Union Street at Central Street	0	4	32	36	1.85
10	Broad Street (Route 18) at High Street	0	3	6	9	0.45
11	Broad Street (Route 18) at Roche Brothers plaza north	0	1	3	4	0.23
12	Broad Street (Route 18) at Roche Brothers plaza south	0	0	2	2	0.12
13	Broad Street (Route 18) Spring Street	0	2	9	11	0.59
14	Main Street (Route 28) at Broad Street (Route 18)/Central Square/Summer Street (Route 104)	0	1	25	26	0.79
15	Central Square at South Street Church Street/School Street/Bedford Street (Route 18 and 28)	0	2	7	9	0.71
16	Bedford Street (Route 18 and 28) at Grove Street	0	7	6	13	1.04
17	Bedford Street (Route 18 and 28) at Maple Avenue	0	2	0	2	0.13
18	Bedford Street (Route 18 and 28) at Cottage Street	0	1	1	2	0.12
19	Bedford Street (Route 18 and 28) at Winter Street	0	1	3	4	0.19
20	Bedford Street (Route 18 and 28) at Flagg Street	0	5	4	9	0.50

EXISTING INTERSECTION LEVELS-OF-SERVICE

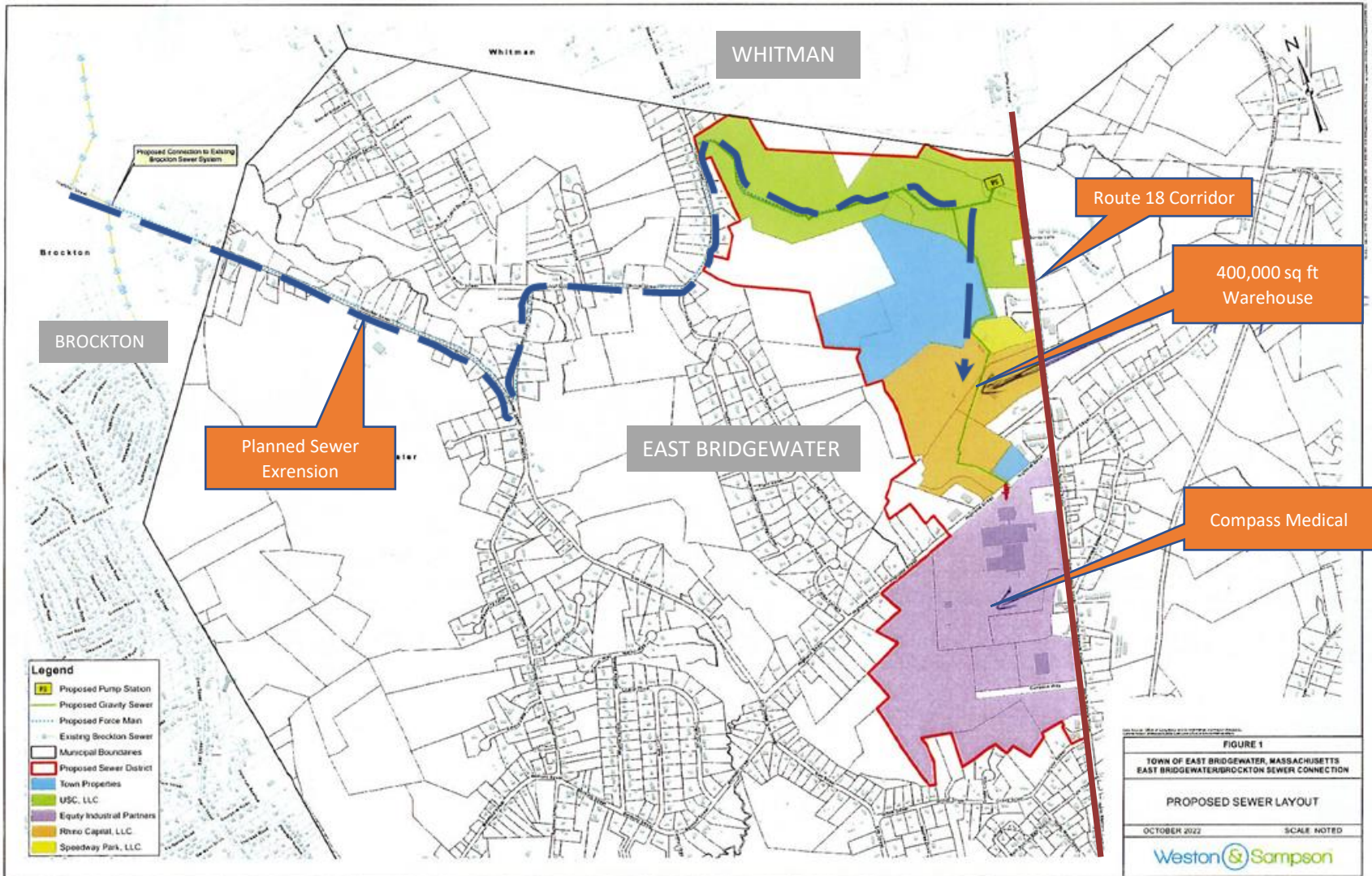
INTERSECTION	Traffic Control	AM Peak	PM Peak
1 North Bedford Street (Route 18) at Highland Street at Harvard Street	Signal	B	C
2 North Bedford Street (Route 18) at Compass Way	Stop	D	E
3 North Bedford Street (Route 18) at Union Street (North Intersection)	Stop	F	F
4 North Bedford Street (Route 18) at Union Street (South Intersection)	Stop	F	F
5 Bedford Street (Route 18) at Spring Street/Central Street/Maple Avenue	Signal	F	F
6 Bedford St at EB High School	Stop	F	D
7 Bedford Street (Route 18) at Whitman Street (Route 106)	Signal	B	B
8 Bedford Street (Route 18) at West Street (Route 106) and East Street	Signal	B	B
9 Union Street at Central Street	Stop	C	F
10 Broad Street (Route 18) at High Street	Signal	F	F
11 Broad Street (Route 18) at Roche Brothers plaza north	Stop	F	F
12 Broad Street (Route 18) at Roche Brothers plaza south	Stop	F	F
13 Broad Street (Route 18) Spring Street	Signal	A	B
14 Main Street (Route 28) at Broad Street (Route 18)/Central Square/Summer Street (Route 104)	Signal	F	F
15 Central Square at South Street Church Street/School Street/Bedford Street (Route 18 and 28)	Stop	F	F
16 Bedford Street (Route 18 and 28) at Grove Street	Stop	NA	NA
17 Bedford Street (Route 18 and 28) at Maple Avenue	Stop	C	E
18 Bedford Street (Route 18 and 28) at Cottage Street	Stop	D	E
19 Bedford Street (Route 18 and 28) at Winter Street	Signal	E	E
20 Bedford Street (Route 18 and 28) at Flagg Street	Stop	D	F

Potential for Future Development

North Bedford Sewer District



Sewer Extension





Previous Study

- OCPC 2009 Route 18 Corridor Study - Abington, Whitman, East Bridgewater, Bridgewater
 - Route 18 Bedford Street at Central Street/Maple Street (East Bridgewater Center) The intersection at the East Bridgewater Center is a major bottleneck along the Route 18 corridor. Improvements included widen the Route 18 northbound approach to the intersection to two lanes and Improve pedestrian safety and amenities at the intersection.

Projects

- **MassDOT 109470 East Bridgewater** Resurfacing Route 18 and Sidewalk Construction from Route 106 to Central Street. Under Construction.
- **MassDOT 611968 East Bridgewater** Intersection Improvements at Route 18 West Street (Route 106) and East Street. Approved by PRC.
- **MassDOT 611976 East Bridgewater** Intersection Improvements at Highland Street and Route 18. Approved by PRC.



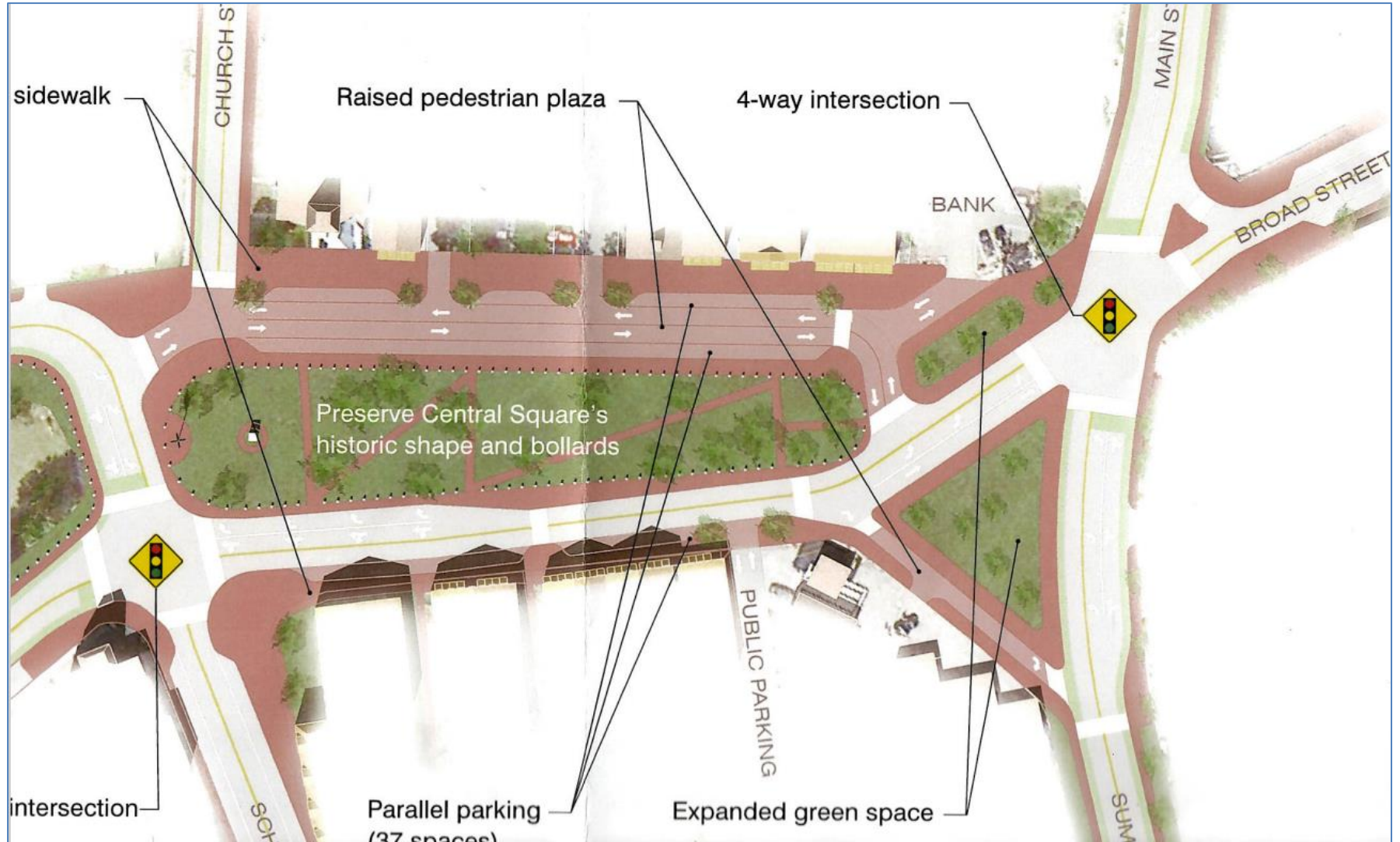
Previous Study

- OCPC 2009 Route 18 Corridor Study - Abington, Whitman, East Bridgewater, Bridgewater
 - Central Square Bridgewater – Represents a major bottleneck in the Route 18 corridor. Improvements included prohibit left turns from Route 28 to Route 18 north, extend lane markings for left turns from Central Square to Route 28 north, and improve pedestrian safety in the Square, including update signs and pavement markings.
- Road Safety Audit Bedford Street (Route 18/28) at Grove Street Intersection 2022, Reverse the Grove Street westbound one-way designation to eastbound , Add flashing beacons and warning signs, improve pedestrian amenities (bump-outs).

Projects

- **MassDOT 603385 Bridgewater/Middleboro** Bridge Replacement over the Taunton River Route 18/28. Completed.
- **MassDOT 603568 Bridgewater** Intersection Improvements at Route 18/28 at Winter Street, Signalization and reconstruction. Completed.
- **MassDOT 603660 BRIDGEWATER** Intersection Improvements at Broad Street Rte 18 at High Street Signalization. Completed.

Bridgewater Central Square Study 2020 – Purpose: evaluate traffic conditions (Existing and alternatives), analyze existing and proposed concepts to improve the overall transportation network and flow, prioritizing a more multimodal and pedestrian-focused design.



Route 18 Corridor Study

Next Steps

- ❖ Discern potential traffic from future development, and potential needs for changing development? (TransCAD Model)
- ❖ Develop future scenarios and analysis with alternatives in consultation with stakeholders
- ❖ Development and testing Potential Improvements
- ❖ Improvements finalized
- ❖ OCPC Completes draft report (review and comments from Stakeholders)
- ❖ Final report end of summer 2023

THANK YOU!

Questions / Comments?

Ray Guarino

Principal Transportation Planner

E-Mail: rguarino@ocpcrpa.org

Guoqiang Li, PTP, RSP1

Principal Transportation Planner

E-Mail: gli@ocpcrpa.org



February 21, 2023 Old Colony MPO Meeting
Agenda Item 8
Administrative Matters, Other Business, and Date and Time of
Next Meeting(s)

Summary

2023 MassDOT Transportation Innovation Conference

Date: 5/2/2023 7:45 AM - 5/3/2023 4:30 PM

Location: DCU Center, 50 Foster Street, Worcester, Massachusetts

The annual MassDOT Transportation Innovation Conference provides a forum for innovative transportation systems, management ideas, and initiatives. Each year, the conference provides an important opportunity for transportation practitioners to share knowledge, sponsor peer-to-peer learning, and collaborate on issues of mutual interest. A specific focus of this year's conference will be on MassDOT's investment in infrastructure. Conference participants will have the opportunity to discuss the advantages and challenges associated with the innovative methods and technologies being presented.

MassDOT has created a forum for users called SWAG to share applications, analyses and ideas that use GIS technology. At this year's Innovation Conference, MassDOT wants to expand SWAG to a large-scale collaborative to allow the greater GIS community to share

how they are innovating and building new and exciting GIS tools. This collaboration will be an important focus of the Innovation Conference, and will include GIS experts onsite for questions and hands-on tutorials covering various GIS tools.

The event is open to all transportation practitioners from federal, state, and local transportation agencies, Metropolitan Planning Organizations, transit agencies, academia, and private industry.

To register, please visit:

<https://www.umasstransportationcenter.org/assnfe/ev.asp?ID=5162>

State Freight Plan Guidance and National Highway Freight Program Update Webinar

Please join the U.S. Department of Transportation (USDOT) Federal Highway Administration (FHWA) and the Office of the Secretary on **March 7, 2023, 1–3 p.m. Eastern Time** to learn about the recent Infrastructure Investment and Jobs Act (IIJA) (Public Law 117-58)/ Bipartisan Infrastructure Law (BIL) guidance and Fixing America’s Surface Transportation (FAST) Act (Public Law 114-94) updates for the following items:

- State Freight Plan and State Freight Advisory Committee [updated guidance](#)
- National Highway Freight Program (NHFP) [updated guidance](#)
- Primary Highway Freight System (PHFS) [redesignation](#)

If you have any questions, please contact Tiffany Julien at tiffany.julien@dot.gov or (202) 366-9241.



Please Register!

State Freight Plan Guidance and National Highway Freight Program Update

Webinar

March 7, 2023, 1–3 p.m. Eastern Time

Please join the U.S. Department of Transportation (USDOT) Federal Highway Administration (FHWA) and the Office of the Secretary to learn about the recent Infrastructure Investment and Jobs Act (IIJA) (Public Law 117-58)/Bipartisan Infrastructure Law (BIL) guidance and Fixing America's Surface Transportation (FAST) Act (Public Law 114-94) updates for the following items:

- State Freight Plan and State Freight Advisory Committee [updated guidance](#)
- National Highway Freight Program (NHFP) [updated guidance](#)
- Primary Highway Freight System (PHFS) [redesignation](#)

[Register here](#) for the webinar

USDOT will share connection information prior to the event.

Contact Tiffany Julien (Tiffany.Julien@dot.gov; 202–366–9241) for general questions.

Contact DJ Mason (DJ.Mason@dot.gov; 617–494–3968) for technical and registration questions.

ACCOMMODATION REQUESTS: FHWA is committed to providing equal access to this event for all participants. If you need alternative formats or services because of a disability, please send an email to Tiffany.Julien@dot.gov and DJ.Mason@dot.gov with your request. Your request needs to be submitted at least **5 working days** prior to the event.

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

- **March 21, 2023 at 10 AM**
- **April 18, 2023 at 10 AM**
- **May 16, 2023 at 10 AM**
- **June 20, 2023 at 10 AM**
- **July 18, 2023 at 10 AM**

February 21, 2023 Old Colony MPO Meeting
Agenda Item 9
Adjournment

Summary

Adjournment of meeting.