

# OLD COLONY METROPOLITAN PLANNING ORGANIZATION (MPO)

C/o Old Colony Planning Council, 70 School Street, Brockton, MA  
Phone: 508-583-1833 / [www.oldcolonyplanning.org](http://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, April 18, 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 March 21, 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 2 - Public Comments and Potential Endorsement
  - Amendment 3 - Review and Potential Release to Public Review and Comment Period
6. Development of FFY 2024-2028 Old Colony Transportation Improvement Program (TIP)
  - Review and Potential Release to Public Review and Comment Period
7. Old Colony MPO Self-Certification Compliance Statements
  - State Regulation 310 CMR 60.05: Global Warming Solutions Act Requirements for Transportation - Review and Potential Endorsement
  - Metropolitan Transportation Planning Process - Review and Potential Endorsement
8. Route 18 Corridor Study (Bridgewater and East Bridgewater) Update and Status Report
9. Administrative Matters, Other Business, and Date and Time of Next Meeting(s)
10. 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 300 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).

April 18, 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.”**

April 18, 2023 Old Colony MPO Meeting  
Agenda Item 2  
Public Comments

**Summary**

Public comments.

April 18, 2023 Old Colony MPO Meeting  
Agenda Item 3  
Minutes of March 21, 2023 Old Colony MPO Meeting

**Summary**

The Old Colony MPO is respectfully asked to consider approval of the March 21, 2023 Old Colony MPO Meeting Minutes.

# OLD COLONY METROPOLITAN PLANNING ORGANIZATION (MPO)

## Minutes of the Old Colony MPO Virtual Meeting, March 21, 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  
Kamiya Parkin, Representing Mayor Robert Sullivan, City of Brockton  
Lee Hartmann, Representing Betty Cavacco, Chair, Select Board, Town of Plymouth  
Meredith Anderson, Clerk, Board of Selectmen, West Bridgewater  
Dan Salvucci, Vice-Chair, Board of Selectmen, Whitman  
Michael Lambert, Administrator, Brockton Area Transit (BAT)  
Valerie Massard, President, Old Colony Planning Council (OCPC)

### Others Present:

Al DeGirolamo, Office of Senator Michael Brady  
Glenn Geiler, Brockton Area Transit  
Andrew Reovan, FHWA  
Steven Findlen, Howard Stein Hudson  
Raissah Kouame, MassDOT  
Derek Krevat, MassDOT  
Barbara Lachance, MassDOT  
Andrew Wang, MassDOT  
Alan Castaline, MBTA Advisory Board  
Tracy Altrich, West Bridgewater  
Linda Dolne, West Bridgewater  
Shawn Bailey, OCPC  
Ray Guarino, OCPC  
Guoqiang Li, OCPC  
Charles Kilmer, OCPC  
Bill McNulty, OCPC  
Jay Song, OCPC  
Mary Waldron, OCPC

### 1. Call to Order and Introductions

Chairperson Stephen Woelfel called the meeting to order at 10:01 A.M. and Charles Kilmer read the meeting accessibility statement and the Title VI Notice of Protection Statement. Charles Kilmer then conducted the roll and announced there was a full quorum present.

### 2. Public Comments

There were no public comments.

### 3. Minutes of the February 21, 2023 Meeting

# OLD COLONY METROPOLITAN PLANNING ORGANIZATION (MPO)

Chairperson Woelfel asked the MPO Members for comments or changes regarding the minutes of the February 21, 2023 meeting.

Dan Salvucci made a motion and Meri Anderson seconded to endorse the minutes of the February 21, 2023 meeting.

There being no comments or changes, the Old Colony MPO then voted via roll call to endorse the minutes of the February 21, 2023 Old Colony MPO Meeting.

## 4. Brockton Area Transit (BAT) Report

Michael Lambert reported that BAT is awaiting the release of the State' Capital Investment Plan (CIP), which BAT will review upon its release. BAT is moving forward with its long-term capital plans which include diesel & electric bus procurement as well as electric bus infrastructure installation. Mr. Lambert reported that BAT conducted a soft launch of the Rockland micro transit service in December, and while it is still in the soft launch phase, ridership on that service had doubled by February, and BAT expects a continued increase into March. This service is a pilot program that only four or five transit systems across Massachusetts have and it will be an example of making any necessary adjustments or replications elsewhere.

Chairperson Woelfel informed Michael that MassDOT has a new Manager of Transit Planning, Jonathan Church, formerly of the Boston MPO.

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

### ▪ Amendment 2 - Review and Potential Release to Public Review and Comment Period

Bill McNulty presented the Draft TIP Amendment 2 for a review and potential release for a 21-day Public Review and Comment Period. Amendment 2 includes the following three (3) changes:

### FFY 2023

- **STOUGHTON – CORRIDOR IMPROVEMENTS ON ROUTE 138 (607403) AC PHASE 1 OF 2**
  - Total Project Cost Increase to \$17,404,332
  - Advance Construction Phase 1: \$8,411,033 (Phase 1 amount decreased by \$822,967; Difference along with increase is cost to be added to Phase 2 in FFY 2024)
- **STOUGHTON - INTERSECTION IMPROVEMENTS AND RELATED WORK AT CENTRAL STREET, CANTON STREET AND TOSCA DRIVE (608279)**
  - Total Project Cost Increase to \$5,242,643 (Increase of \$999,666)

### FFY 2024

- **STOUGHTON - CORRIDOR IMPROVEMENTS ON ROUTE 138 (607403) AC PHASE 2 OF 2**
  - Total Project Cost Increase to \$17,404,332
  - Advance Construction Phase 2: \$8,963,299 (Phase 2 amount increased by \$6,098,947)

# OLD COLONY METROPOLITAN PLANNING ORGANIZATION (MPO)

Mr. McNulty then asked the MPO to consider releasing Amendment 2 for a 21-day Public Review and Comment Period. This Amendment will then be on the April MPO Meeting agenda for potential endorsement where any comments received will be presented.

Chairperson Woelfel asked if there is a motion to release Amendment 2 for a 21-day Public Review and Comment Period. The motion was made by Dan Salvucci and seconded by Meri Anderson.

Dan Salvucci asked if the increase was due to an increase in material cost; Mr. McNulty stated he believes it is due to an increase in material and labor cost as well as general inflation.

The Old Colony MPO then voted unanimously via roll call to release Amendment 2 for a 21-day Public Review and Comment Period.

## **6. Development of FFY 2024-2028 Transportation Improvements Program (TIP)**

### **▪ Review of Scenarios and Potential Determination of Preferred Set of Projects**

Bill McNulty presented the development of the FFY 2024-2028 TIP Development and reviewed three project programming scenarios .

Chairperson Woelfel asked if the MPO would be voting on a preferred scenarios at this meeting or reviewing and voting at the April MPO meeting. Mr. McNulty stated that the intention is to vote on one scenario to move forward with. Charles Kilmer followed up with confirming Bill's statement and that over the next month will entail crafting the entire TIP document have that ready for the April MPO meeting for review and potentially release for a 21-day Public Review and Comment Period.

Bill McNulty then proceeded to review the three Scenarios of projects. Last month, a TIP Readiness Day was held where the projects in FFY 2023-2027 TIP were reviewed in terms of readiness and to identify potential projects for FFY 2028. Most projects in the existing TIP were determined to be eligible for their current programming year, with the exception of two projects. One was Project 608506 (Hanson - Corridor Improvements on Route 14 (Maquan Street)), and the other was Project 606143 (Brockton - Intersection Improvements at Crescent Street (Route 27)/ Quincy Street/ Massasoit Boulevard). Project 608506 was recommended to move from 2026 & 2027 to 2027 & 2028 due to concerns of its readiness for 2026. Project 606143 was recommended to be removed from financial programming in the TIP due to lack of progress and right-of-way issues.

Scenario 1 retains the Hanson and Brockton projects in 2026 & 2027 and adds in Projects 612525 (Abington - Intersection Improvements at Randolph Street/ Richard A. Fitts Drive (Route 139) at Chestnut Street and Old Randolph Street) and 612769 (Hanover - Corridor Improvements on Route 139 (Hanover Street) at Main Street, Center Street, and Silver Street).

For the Statewide Funded Projects, three were added: Project 612770 (Abington - Intersection Improvements at Route 18 (Bedford Street) and Route 123 (Brockton Avenue), 608615 (Kingston - Bridge Replacement, Smiths Lane over Route 3 (Pilgrim Highway), and 611891 (Stoughton - Intersection Improvements at Canton Street (Route 27), School Street, and Summer Street). These three Statewide



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Funded Projects are the same selected State funded projects in all three Scenarios.

Scenario 2 incorporates the suggestions from TIP Readiness Day. It moves Project 608506 entirely to FFY 2027, removes Project 606143, programs Project 612525 in FFY 2027, keeps Project 612769 in FFY 2028, and programs Project 612262 (Brockton - Intersection Improvements at Route 123 (Belmont Street), Pearl Street, and Stonehill Street in FFY 2028.

Scenario 3 removes Project 606143, programs Project 608506 to FFY 2027 and 2028, programs Project 612525 in FFY 2027, and programs Project 612769 in FFY 2028.

Chairperson Woelfel asked if OCPC Staff had a Preferred Scenario to recommend. Mr. McNulty stated that the preferred Scenario from staff is Scenario 2. This scenario replaces one Brockton project with another one as well as moves up Project 612525 to FFY 2027. Chairperson Woelfel asked about any updates on Project 612262 (Brockton - Intersection Improvements at Route 123 (Belmont Street), Pearl Street, and Stonehill Street since TIP Readiness Day. Mr. McNulty stated he was unaware of any updates, but that the project is feasible. Charles Kilmer noted that during TIP Readiness Day, MassDOT indicated FFY 208 would be okay for programming. Mary Waldron stated that she and Charles Kilmer meet annually with Brockton officials (Mayor's Office, DPW, Planning, Engineering, etc.) to present and review TIP Projects.

Pam Haznar stated that MassDOT supports project 606143 and the 25% Design was submitted in 2015, and because it is eight years old, it would have to start over with design submissions. When Brockton is ready to address this Project again, MassDOT will meet with them to continue the efforts to move this project forward. Pam Haznar confirmed that Project 612262 was recommended for FFY 2028, that a Designer is on board, and that a survey has been completed, and they will be scheduling a meeting with Brockton and OCPC. Pam Haznar commented that if Project 608506 in Hanson was not evenly split between FFYs 2027 and 2028, then Project 612262 could potentially be moved into FFY 2027 2028 in Scenario 3 (where Project 612262 is not listed). Lee Hartmann asked Charles Kilmer about Pam Haznar's comments about the potential allocation of funds to possibly bring Project 612262 into Scenario 3. Charles Kilmer said it is a possibility by adjusting the funds for Project 608506, but then the amount of FFY 2028 projects would be identical to Scenario 2, with the difference of Project 608506 would be split instead of all in one year.

Al DeGirolamo stated that Senator Brady has been in favor of Project 606143 for many years and asked what would need to be done to get that project back on track. Charles Kilmer stated that this project was first introduced by MassDOT's Project Review Committee in 2010 with the 25% Design Plan submitted in 2015. Since then, design submissions and with the traffic data outdated, a resubmission of an updated 25% Design submission is required. Also as previously mentioned, the right-of-way is another issue that would need to be addressed and the City of Brockton did not have the fiscal capacity to acquire that right-of-way. Brockton has made short-term improvements at this intersection.

Valerie Massard stated she spent time reviewing the Scenarios before the meeting and states she supports Scenario 2.

Lee Hartmann stated that he motions to accept Scenario 2 as the Preferred Scenario and Dan Salvucci

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seconded the motion.

The Old Colony MPO then voted via roll call to accept Scenario 2. Kamiya Parkin abstained from the vote

Charles Kilmer stated that he would like to review the draft transit investments with the STIP and welcomed Michael Lambert to speak on them. Michael Lambert stated that the items BAT is submitting for acquisition are typical Capital items (maintenance (parking garage, maintenance facility, or Intermodal Centre), bus shelters, ADA ramps, etc.).

## 7. Development of FFY 2024 Unified Planning Work Program (UPWP)

### ▪ Discussion of Universe of Projects

Charles Kilmer presented on the development of the Old Colony FFY 2024 Unified Planning Work Program. Any feedback or suggestions are welcome from Signatories, Delegates, and Alternates. Charles Kilmer then reviewed the Universe of Projects for Element 3000 of the UPWP:

Old Colony Unified Planning Work Program (UPWP) - Draft Universe of Projects for Element 3000

ID	COMMUNITY	PROJECT DESCRIPTION	PROJECT TYPE	MEETS LRTP IDENTIFIED NEED	CONDITION, MAINTENANCE, MODERNIZATION, AND EFFICIENCY	LIVABILITY AND ECONOMIC BENEFIT	MOBILITY	ENVIRONMENT AND CLIMATE CHANGE	TRANSPORTATION EQUITY	SAFETY AND SECURITY	CMP CONGESTED AREA	HP CORRIDOR STUDY COMPOSITE SCORE
1	Avon	West Main Street from Brockton City Line to Route 28	Corridor	✓	✓	✓	✓	✓	✓	✓		53
2	Bridgewater	Route 104 from Raynham Town Line to Bridgewater Central Square	Corridor	✓	✓	✓	✓	✓		✓		64
3	Bridgewater	Route 104 from Bridgewater Central Square to Halifax Town Line	Corridor	✓	✓	✓	✓	✓	✓	✓		57
4	Bridgewater	Route 18 and Route 18/Route 28	Corridor	✓	✓	✓	✓	✓		✓		56
5	Brockton	Oak Street from North Pearl Street to Route 28	Corridor	✓	✓	✓	✓	✓	✓	✓		80
6	Brockton	Route 27 from Main Street to Whitman Town Line	Corridor	✓	✓	✓	✓	✓	✓	✓	✓	69
7	Brockton	East Ashland Street	Corridor	✓	✓	✓	✓	✓	✓	✓		66
8	Brockton	Main Street from Plain Street to Avon Town Line	Corridor	✓	✓	✓	✓	✓	✓	✓	✓	62
9	Brockton	Route 27 from Stoughton Town Line to Main Street	Corridor	✓	✓	✓	✓	✓	✓	✓	✓	62
10	Brockton	Route 28	Corridor	✓	✓	✓	✓	✓	✓	✓		54
11	Brockton	Route 123 from Downtown to Abington Town Line	Corridor	✓	✓	✓	✓	✓	✓	✓		53
12	East Bridgewater	Route 14	Corridor	✓	✓	✓	✓	✓		✓		54
13	East Bridgewater	Pleasant Street/ North Central Street/ Central Street	Corridor	✓	✓	✓	✓	✓		✓		53
14	Kingston	Route 3A and Vicinity Transportation and Land Use Study	Corridor and Land Use	✓	✓	✓	✓	✓		✓	✓	
15	Pembroke	Route 36 from Halifax Town Line to Route 14	Corridor	✓	✓	✓	✓	✓		✓		56

# OLD COLONY METROPOLITAN PLANNING ORGANIZATION (MPO)

Old Colony Unified Planning Work Program (UPWP) - Draft Universe of Projects for Element 3000

ID	COMMUNITY	PROJECT DESCRIPTION	PROJECT TYPE	MEETS LRTP IDENTIFIED NEED	CONDITION, MAINTENANCE, MODERNIZATION, AND EFFICIENCY	LIVABILITY AND ECONOMIC BENEFIT	MOBILITY	ENVIRONMENT AND CLIMATE CHANGE	TRANSPORTATION EQUITY	SAFETY AND SECURITY	CMP CONGESTED AREA	HP CORRIDOR STUDY COMPOSITE SCORE
16	Plymouth	Route 3A	Corridor	✓	✓	✓	✓	✓		✓	✓	65
17	Plymouth	Carver Road (Former Route 44) from Carver Town Line to Route 3A	Corridor	✓	✓	✓	✓	✓		✓	✓	64
18	Plymouth	Long Pond Road from Route 3A (Herring Pond Road) to Route 3	Corridor	✓	✓	✓	✓	✓		✓		53
19	Stoughton	Route 139 from Stoughton Center to Randolph Town Line	Corridor	✓	✓	✓	✓	✓	✓	✓		55
20	Stoughton	Route 27	Corridor	✓	✓	✓	✓	✓	✓	✓	✓	53
21	Whitman	Route 27	Corridor	✓	✓	✓	✓	✓		✓		54
22	Regional	Road Safety Audits (RSAs) at Multiple Locations	Intersections and Corridors	✓	✓	✓	✓	✓	✓	✓		
23	Regional	Major Bottleneck Identification Study	Corridor	✓	✓	✓	✓	✓	✓	✓	✓	

Lee Hartmann stated that the projects and background information provided for the Kingston and Plymouth projects speak well to the needs of the projects in those areas. Valerie Massard and Pam Haznar concurred with Lee Hartmann’s statement. Pam Haznar followed up by stating that OCPC provides valuable information when conducting traffic studies and that Route 3A is a corridor that needs attention.

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

Bill McNulty provided a status update on the progress of the 2050 Long Range Transportation Plan. Initially, the goals and objectives of this Plan were developed and more recently, the chapters of the Report are being written (highway, transit, vulnerable roadway users, etc.). Staff have been working with other RPAs in Massachusetts as well as MassDOT in developing socioeconomic projections for the Plan, which are near completion. Staff is hosting a webinar later tonight (March 21, 2023 at 6PM) to provide an overview of the Plan, provide the public an opportunity to meet the Staff preparing this Plan, and voice their priorities for the region. After providing an overview of the major chapters, the webinar will be open for any members of the public to provide feedback. Bill McNulty then discussed the survey for the LRTP (which is still open) and asked anybody to take it who has not had the chance to do so. The following slide had a QR code and a link to register for the webinar.

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

Charles Kilmer reported on the following items:

### Cape Cod Bridges Program Virtual Public Information Meetings

**March 22, 2023 at 6:00 PM - Bourne Bridge Meeting**

**March 29, 2023 at 6:00 PM - Sagamore Bridge Meeting**

## OLD COLONY METROPOLITAN PLANNING ORGANIZATION (MPO)

Two virtual public information meetings are scheduled to provide updates on the Cape Cod Bridges Program. MassDOT will present the status of the Program, interchange alternatives for the Bourne Bridge on March 22 at 6:00 PM, the Sagamore Bridge on March 29 at 6:00 PM, and also provide next steps at both meetings. The Cape Cod Bridges Program includes the replacement of the Bourne and Sagamore bridges, provides new connections to the local roadway network and improves multimodal accommodations within the Cape Cod Canal area.

There will be an opportunity for public comments and questions following the formal presentation. Public input will be reviewed and considered to the maximum extent possible.

For more information, please visit: <https://www.mass.gov/massdot-highway-design-public-hearings>.

### **MassDOT District 5: Bridge bundle project in Duxbury and Plymouth March 30, 2023 at 6:00 PM**

A virtual design public hearing will be hosted by MassDOT to present the design for the proposed District 5: Bridge Bundle Design-Build project in Duxbury and Plymouth, MA.

The purpose of this hearing is to provide the public with the opportunity to become fully acquainted with the proposed District 5: Bridge Bundle Design-Build project for the preservation of the East Street over Route 3 (Pilgrims Highway) bridge in Duxbury, the River Street over Plimoth Plantation Highway bridge in Plymouth and the Jordan Road over Route 3 (Pilgrims Highway) in Plymouth. All views and comments submitted in response to the hearing will be reviewed and considered to the maximum extent possible.

The proposed project consists of, but is not limited to, the design and construction of bridge deck replacements, bridge preservation, traffic management, pavement markings and signage, utility protection and other related bridge and highway work. Project inquiries, written statements and other exhibits regarding the proposed undertaking may be submitted to Carrie E. Lavalley, P.E., Chief Engineer, via e-mail to [massdotmajorprojects@dot.state.ma.us](mailto:massdotmajorprojects@dot.state.ma.us) or via US Mail to Suite 7210, 10 Park Plaza, Boston, MA 02116, Attention: Major Projects, Project File No. 613005.

For more information, please visit: <https://www.mass.gov/massdot-highway-design-public-hearings>.

### **2023 MassDOT Transportation Innovation Conference May 2, 2023 at 7:45 AM to May 3, 2023 at 4:30 PM 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.

## OLD COLONY METROPOLITAN PLANNING ORGANIZATION (MPO)

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>

### **Culvert Replacement Municipal Assistance Grant - Now Accepting Applications!**

The Division of Ecological Restoration (DER), Massachusetts Department of Fish and Game, seeks proposals from Massachusetts local government units interested in replacing undersized, perched, and/or degraded culverts and bridges located in areas of high ecological value. The purpose of this funding is to encourage eligible applicants to replace structures with better designed crossings that meet improved structural and environmental design standards and climate resiliency criteria. In general, **individual awards have ranged from \$25,000 to \$400,000** for single stream crossing replacements, depending on the project phases and work proposed. Awards over \$200,000 are anticipated for construction projects only.

Only projects that intend to meet the goals of the Massachusetts Stream Crossing Standards will be considered for funding. Projects should be designed to facilitate fish & wildlife passage, maintain the natural movement of water and sediment through the stream crossing, and reconnect upstream and downstream habitat. Use of these Standards to design replacement structures or structure removals improves river function and access for fish and wildlife, and reduces hazards to public safety, such as flooding, culvert failure, and road washout.

Massachusetts local government units are eligible to apply for funding to support advancing single or multiple culvert replacement project(s) on the same local connected stream network toward completion.

Interested communities should view the full announcement, including funding, eligibility and evaluation criteria that can be found on COMMBUYS:

<https://www.commbuys.com/bs0/external/bidDetail.sdo?docId=BD-23-1046-DER-FWE01-85277>

and DER's website:

<https://www.mass.gov/how-to/culvert-replacement-municipal-assistance-grant-program>

***The application deadline for this grant opportunity is 3PM March 31, 2023.***

# OLD COLONY METROPOLITAN PLANNING ORGANIZATION (MPO)

## 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

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

## **10. Adjournment**

Chairperson Krevat adjourned the meeting at 10:54 AM.

Respectfully submitted,

*Shawn Bailey*

Shawn Bailey, Senior Transportation Planner

## **List of Documents for the March 21, 2023 Old Colony MPO Meeting**

- Minutes of February 21, 2023, Old Colony MPO Meeting
- Staff Report for March 21, 2023 Old Colony MPO Meeting Agenda Items
- Vision 2050: The Future of Transportation - Survey Announcement
- Vision 2050: The Future of Transportation - Informational Webinar Announcement
- Cape Cod Bridges Program Public Information Meeting Announcements
- MassDOT District 5: Bridge Bundle Design Public Hearing Announcement - Duxbury and Plymouth
- OCPC Route 18 Corridor Study Survey Announcement

April 18, 2023 Old Colony MPO Meeting  
Agenda Item 4  
Brockton Area Transit Authority (BAT) Report

**Summary**

Brockton Area Transit to provide report.

April 18, 2023 Old Colony MPO Meeting  
Agenda Item 5

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

- Amendment 2 - Public Comments and Potential Endorsement
- Amendment 3 - Review and Potential Release to Public Review  
and Comment Period

**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 2 includes the following three (3) changes:

### FFY 2023

- STOUGHTON - CORRIDOR IMPROVEMENTS ON ROUTE 138 (607403) AC YEAR 1 OF 2
  - Total Project Cost Increase to \$17,404,332
  - Advance Construction Year 1: \$8,411,033 (Year 1 amount decreased by \$822,967)
  
- STOUGHTON - INTERSECTION IMPROVEMENTS AND RELATED WORK AT CENTRAL STREET, CANTON STREET AND TOSCA DRIVE (608279)
  - Total Project Cost Increase to \$5,242,643 (Increase of \$999,666).

### FFY 2024

- STOUGHTON - CORRIDOR IMPROVEMENTS ON ROUTE 138 (607403) AC YEAR 2 OF 2
  - Total Project Cost Increase to \$17,404,332
  - Advance Construction Year 2: \$8,963,299 (Year 2 amount increased by \$6,098,947)

## FFY 2023-2027 Old Colony Transportation Improvement Program (TIP) Amendment 2

### Public Comment Matrix

Date	Name	Representation	Comment or Comment Summary	Response
3/29/2023	Old Colony Planning Council (OCPC) Board of Directors	Old Colony Region	<p>Staff presented Amendment 2 to the Old Colony Planning Council Board of Directors on 3/29/2023.</p> <p>Following discussion regarding an explanation of why project costs increased, the Board voted unanimously to approve Amendment 2 as presented.</p>	Noted.
4/6/2023	Old Colony Joint Transportation Committee (JTC)	Old Colony Region	<p>Staff presented Amendment 2 to the Old Colony Joint Transportation Committee (JTC) on 4/6/2023.</p> <p>The Joint Transportation Committee voted unanimously to approve Amendment 2 as presented.</p>	Noted.

Comments as of Close of Business (COB) on April 14, 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 (USDOT) in the amount of \$1,496,630 for its Downtown Brockton Transportation Technology Project. Per the project schedule, this 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.

April 18, 2023 Old Colony MPO Meeting  
Agenda Item 6

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

- Review and Potential Release to Public Review and Comment  
Period

**Summary**

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

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

- \$173.2 Million - 14 Road Projects and 3 Bridge Projects
- \$41.6 Million - Brockton Area Transit Authority (BAT) capital assistance
  - Includes replacement of 14 fixed route buses

## **FFY 2024 PROJECTS:**

- BROCKTON - INTERSECTION IMPROVEMENTS AND RELATED WORK AT CENTRE STREET (ROUTE 123), CARY STREET, AND LYMAN STREET (609410)
  - Project is at 25% Design Stage.
  - Cost Estimate is \$2,955,964.
  
- BROCKTON - ROUTE 123 (CENTRE STREET) AT PLYMOUTH STREET SIGNALIZATION AND GEOMETRIC IMPROVEMENTS (609052)
  - Project is at 25% Design Stage.
  - Cost Estimate is \$2,164,507.
  
- PLYMPTON - BRIDGE REPLACEMENT, WINNETUXET ROAD OVER WINNETUXET RIVER (609435)
  - Project is at 25% Design Stage.
  - Cost Estimate is \$1,339,330.
  
- STOUGHTON - CORRIDOR IMPROVEMENTS ON ROUTE 138 (607403) AC YEAR 2 OF 2
  - Project is at 100% Design Stage. Year 2 Cost Estimate: \$8,963,299. Total cost is \$17,528,345.

## **FFY 2025 PROJECTS:**

- BROCKTON - INTERSECTION IMPROVEMENTS AT LYMAN STREET/ GROVE STREET/ SUMMER STREET & REPLACEMENT OF GROVE STREET BRIDGE, B-25-005, OVER SALISBURY PLAIN RIVER (607818)
  - Project is at 25% Design Stage.
  - Cost Estimate is \$4,368,000.
  
- EASTON - CORRIDOR IMPROVEMENTS ON ROUTE 138 INCLUDING INTERSECTION IMPROVEMENTS AT ROUTE 138 (WASHINGTON STREET) AND ELM STREET (608195)
  - Project is at 25% Design Stage.
  - Cost Estimate is \$7,181,554.

## **FFY 2026 PROJECTS:**

- ABINGTON - INTERSECTION IMPROVEMENTS AT HANCOCK STREET AND CHESTNUT STREET (609440)
  - Project is at 25% Design Stage.
  - Cost Estimate is \$5,182,715.
  
- AVON - INTERSECTION IMPROVEMENTS AT ROUTE 28, SPRING STREET AND HARRISON BOULEVARD (611979)
  - Project is in the preliminary design phase.
  - Cost Estimate is \$4,050,000.

- DUXBURY - SIGNAL INSTALLATION @ ROUTE 3 (NB & SB) RAMPS & ROUTE 3A (TREMONT STREET) (606002)
  - Project is in the preliminary design phase.
  - Cost Estimate is \$2,592,000.

<b>FFY 2027 PROJECTS:</b>
---------------------------

- ABINGTON - INTERSECTION IMPROVEMENTS, RANDOLPH STREET AND RICHARD A. FITTS DRIVE (ROUTE 139) AT CHESTNUT STREET AND OLD RANDOLPH STREET (612525)
  - Project is in the preliminary design phase.
  - Cost Estimate is \$4,241,0205.
- HANSON - CORRIDOR IMPROVEMENTS ON ROUTE 14 (MAQUAN STREET), FROM THE PEMBROKE T.L. TO INDIAN HEAD STREET AND RELATED WORK (608506)
  - Project is at 25% Design Stage.
  - Cost Estimate is \$11,248,352.
- DUXBURY - BRIDGE REPLACEMENT - POWDER POINT AVENUE OVER DUXBURY BAY (612006)
  - Advance Construction in multiple years (FFYs 2027, 2028, 2029, and 2030).
  - Project is in the preliminary design phase.
  - Cost Estimate is \$70,150,000.

- FFY 2027 Year 1 Cost Estimate: \$47,428,063. FFY 2028 Year 2 Estimate: \$31,139,937

## **FFY 2028 PROJECTS:**

- ABINGTON - INTERSECTION IMPROVEMENTS, ROUTE 18 (BEDFORD STREET) AT ROUTE 123 (BROCKTON AVENUE) (612770)
  - Project approved by the MassDOT Project Review Committee (PRC) on 5/12/2022.
  - Project is in the preliminary design phase.
  - Cost Estimate is \$6,248,949
- BROCKTON - INTERSECTION IMPROVEMENTS AT ROUTE 123 (BELMONT STREET), PEARL STREET, AND STONEHILL STREET (612262)
  - Project is in the preliminary design phase.
  - Cost Estimate is \$8,659,835.
- DUXBURY - BRIDGE REPLACEMENT - POWDER POINT AVENUE OVER DUXBURY BAY (612006)
  - Advance Construction in multiple years (FFYs 2027, 2028, 2029, and 2030).
  - Project is in the preliminary design phase.
  - Cost Estimate is \$70,150,000.
  - FFY 2027 Year 1 Cost Estimate: \$47,428,063. FFY 2028 Year 2 Estimate: \$31,139,937



- HANOVER - CORRIDOR IMPROVEMENTS ON ROUTE 139 (HANOVER STREET) AT MAIN STREET, CENTER STREET AND SILVER STREET (612769)
  - Project is in the preliminary design phase.
  - Cost Estimate is \$7,141,656.
  
- KINGSTON - BRIDGE REPLACEMENT, K-01-014, SMITHS LANE OVER ROUTE 3 (PILGRIM HIGHWAY) (608615)
  - Project is in the preliminary design phase.
  - Cost Estimate is \$14,834,312.
  
- STOUGHTON - INTERSECTION IMPROVEMENTS AT CANTON STREET (ROUTE 27), SCHOOL STREET AND SUMMER STREET (611981)
  - Project is in the preliminary design phase.
  - Cost Estimate is \$2,668,000.

April 18, 2023 Old Colony MPO Meeting  
Agenda Item 7

Old Colony MPO Self-Certification Compliance Statements

- State Regulation 310 CMR 60.05: Global Warming Solutions Act Requirements for Transportation - Review and Potential Endorsement
- Metropolitan Transportation Planning Process - Review and Potential Endorsement

**Summary**

**Certification of the Old Colony MPO Transportation Planning Process**

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

1. 23 USC 134, 49 USC 5303, and this subpart.
2. Sections 174 and 176 (c) and (d) of the Clean Air Act, as amended (42 USC

7504, 7506 (c) and (d) and 40 CFR part 93 and for applicable State Implementation Plan projects.

3. Title VI of the Civil Rights Act of 1964, as amended (42 USC 2000d-1) and 49 CFR Part 21.
4. 49 USC 5332, prohibiting discrimination on the basis of race, color, creed, national origin, sex, or age in employment or business opportunity.
5. Section 1101 (b) of the Fast Act (Pub. L. 114-357) and 49 CFR Part 26 regarding the involvement of disadvantaged business enterprises in U.S. DOT-funded projects.
6. 23 CFR part 230, regarding implementation of an equal employment opportunity program on Federal and Federal-aid highway construction contracts.
7. The provisions of the US DOT and of the Americans with Disabilities Act of 1990 (42 USC 12101 et seq.) and 49 CFR Parts 27, 37, and 38.
8. The Older Americans Act, as amended (42 USC 6101), prohibiting discrimination on the basis of age in programs or activities receiving federal financial assistance.
9. Section 324 of Title 23 USC regarding the prohibition of discrimination based on gender.
10. Section 504 of the Rehabilitation Act of 1973 (29 USC 794) and 49 CFR Part 27 regarding discrimination against individuals with disabilities.

11. Anti-lobbying restrictions found in 49 CFR Part 20. No appropriated funds may be expended by a recipient to influence or attempt to influence an officer or employee of any agency, or a member of Congress, in connection with the awarding of any federal contract.

## **310 CMR 60.05: Global Warming Solutions Act Requirements for Transportation**

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

1. 310 CMR 60.05(5)(a)1.: Evaluate and report the aggregate transportation GHG emissions impacts of RTPs and TIPs;
2. 310 CMR 60.05(5)(a)2.: In consultation with MassDOT, develop and utilize procedures to prioritize and select projects in RTPs and TIPs based on factors that include aggregate transportation GHG emissions impacts;
3. 310 CMR 60.05(5)(a)3.: Quantify net transportation GHG emissions impacts resulting from the projects in RTPs and TIPs and certify in a statement included with RTPs and TIPs pursuant to 23 CFR Part 450 that the MPO has made efforts to minimize aggregate transportation GHG emissions impacts;
4. 310 CMR 60.05(5)(a)4.: Determine in consultation with the RPA that the appropriate planning assumptions used for transportation GHG emissions modeling are consistent with local land use policies, or that local authorities have made documented and credible commitments to establishing such consistency;

5. 310 CMR 60.05(8)(a)2.a.: Develop RTPs and TIPs;
6. 310 CMR 60.05(8)(a)2.b.: Ensure that RPAs are using appropriate planning assumptions;
7. 310 CMR 60.05(8)(a)2.c.: Perform regional aggregate transportation GHG emissions impact analysis of RTPs and TIPs;
8. 310 CMR 60.05(8)(a)2.d.: Calculate aggregate transportation GHG emissions impacts for RTPs and TIPs;
9. 310 CMR 60.05(8)(a)2.e.: Develop public consultation procedures for aggregate transportation GHG emissions impact reporting and related GWSA requirements consistent with current and approved regional public participation plans;
10. 310 CMR 60.05(8)(c): Prior to making final endorsements on the RTPs, TIPs, STIPs, and projects included in these plans, MassDOT and the MPOs shall include the aggregate transportation GHG emission impact assessment in RTPs, TIPs, and STIPs and provide an opportunity for public review and comment on the RTPs, TIPs, and STIPs; and
11. 310 CMR 60.05(8)(a)1.c.: After a final GHG assessment has been made by MassDOT and the MPOs, MassDOT and the MPOs shall submit MPO-endorsed RTPs, TIPs, STIPs or projects within 30 days of endorsement to the Department for review of the GHG assessment.

April 18, 2023 Old Colony MPO Meeting  
Agenda Item 8

Route 18 Corridor Study (Bridgewater and East Bridgewater)  
Update and Status Report

**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 reduced congestion, improved safety, transportation equity, improved circulation and mobility, 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 have conducted level-of-service analyses for existing peak hour conditions and crash analyses for the study area intersections. The public participation process is underway with meetings with local officials from Bridgewater and East Bridgewater. In addition, OCPC staff have developed a public survey available on the OCPC website and the East Bridgewater and Bridgewater web site. OCPC has planned table events at the Bridgewater Town meeting, the East Bridgewater Town meeting and Town elections, and the Bridgewater State University Earth Day event.

The next steps for the study, after closing out the survey and completion of the public outreach process includes future intersection level-of-service analysis for no-build and build scenarios that model preferred alternative improvements garnered from the public outreach process.

**Topics:**

1. Project Overview
2. Data collection and analysis
  - a. ATR, TMC, speed and classification
  - b. Field verification
  - c. Traffic modeling, simulation analysis
  - d. Site development, trip generation analysis, etc.
3. Communities' meetings and coordination
4. Public outreach
  - a. BSU Earth Day Fair
  - b. Town meetings, election days
  - c. On-line Survey and communities' outreach
5. Next Steps
  - a. Stakeholders' meetings
  - b. Corridor improvement alternatives analysis
  - c. Draft Report and reviewing





**OLD COLONY**  
PLANNING COUNCIL

# Route 18 Corridor Study Update East Bridgewater Bridgewater

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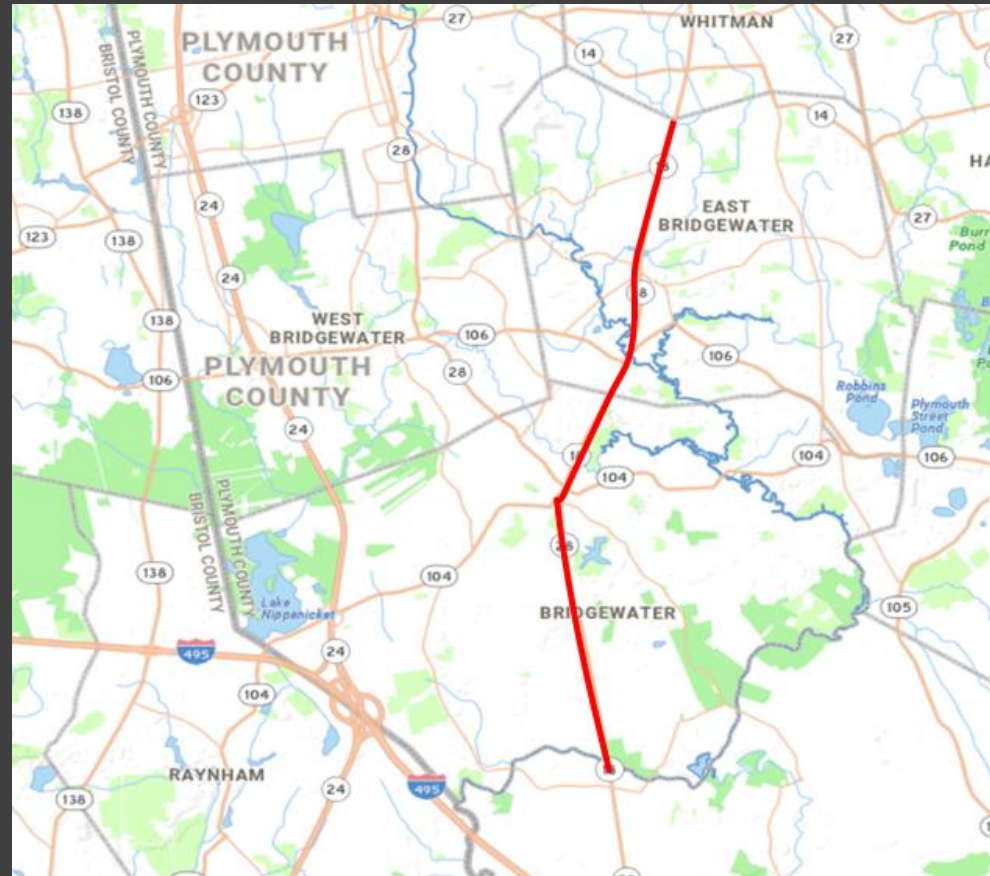
MPO Item 8 – April 18, 2023

# Route 18 Corridor Study Scope

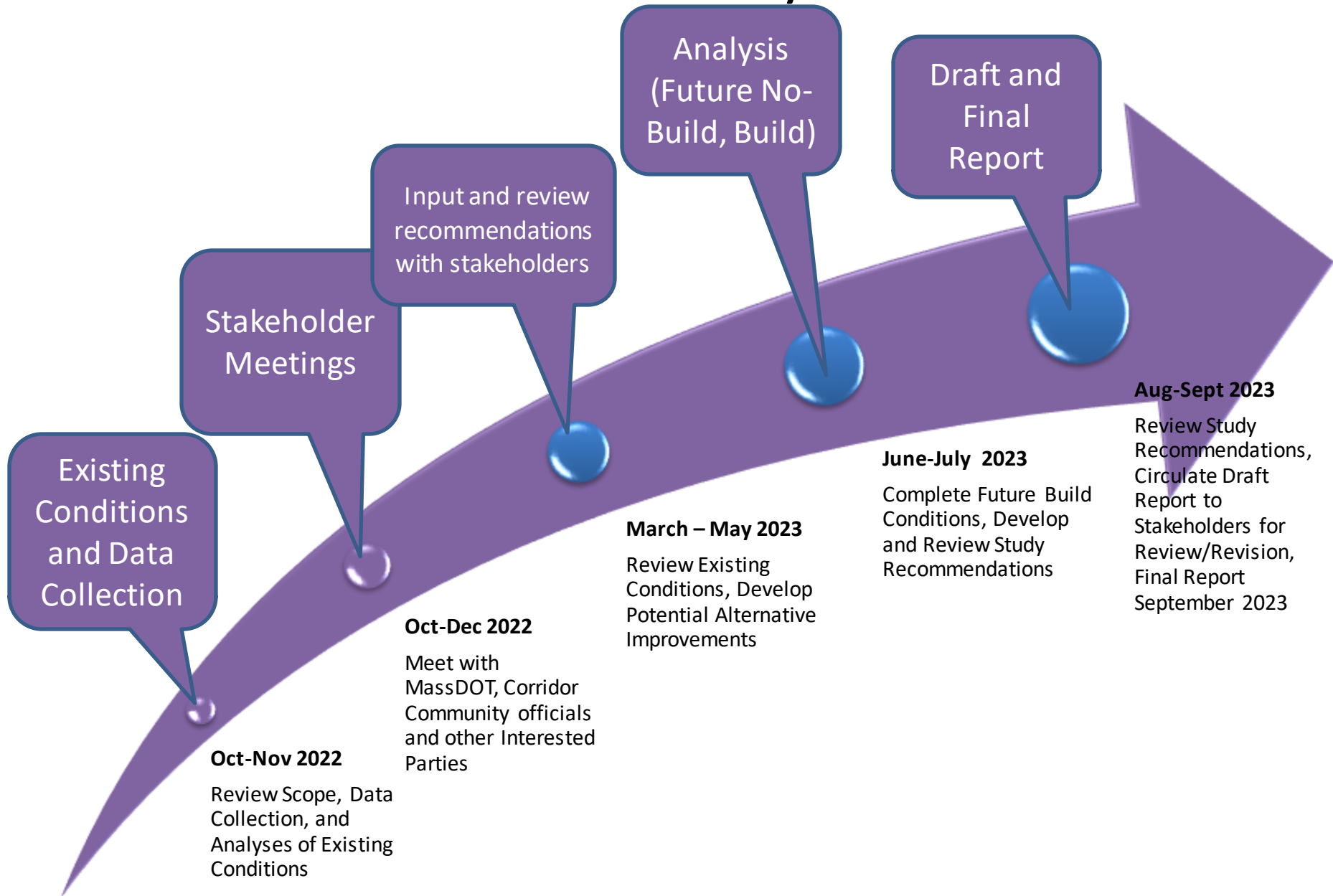
*The study focuses on:*

- **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

(Closes out the  
end of June 2023)

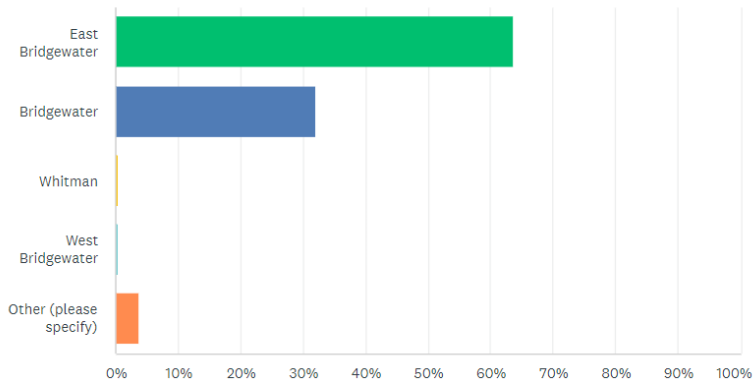
1. What city/town are you currently living in?
2. Is your trip destination located along the Route 18 Corridor or are you passing through?
3. Why do you travel along Route 18 (select all that apply)?
4. What mode do you use to travel along Route 18 (select all that apply)?
5. What time periods do you 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

### Which city/town are you currently living in?

Answered: 327 Skipped: 0

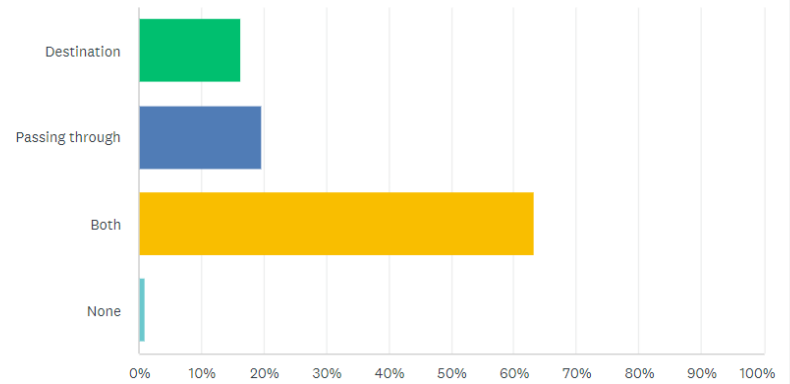


Route 18 Corridor (Bridgewater and East Bridgewater) Survey



### Is your trip destination located along the Route 18 Corridor or are you ...

Answered: 326 Skipped: 1

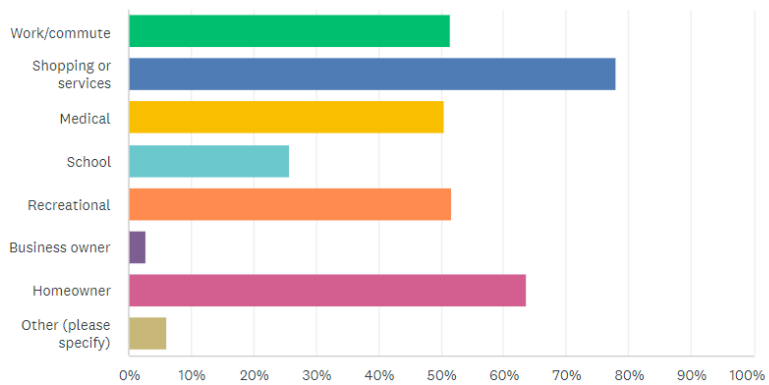


Route 18 Corridor (Bridgewater and East Bridgewater) Survey



### Why do you travel along Route 18 (select all that apply)?

Answered: 327 Skipped: 0

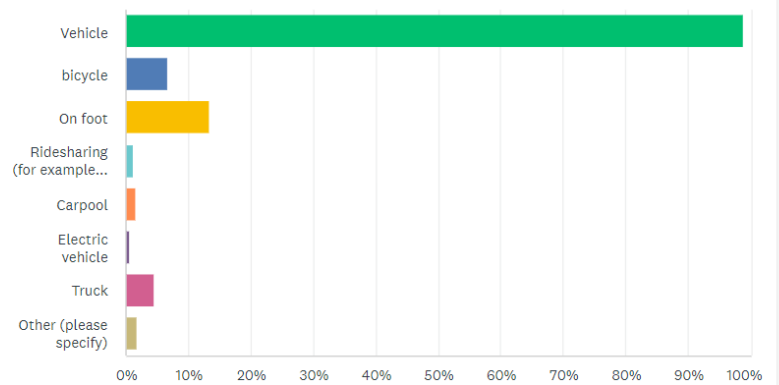


Route 18 Corridor (Bridgewater and East Bridgewater) Survey



### What mode do you use to travel along Route 18 (select all that apply)?

Answered: 327 Skipped: 0

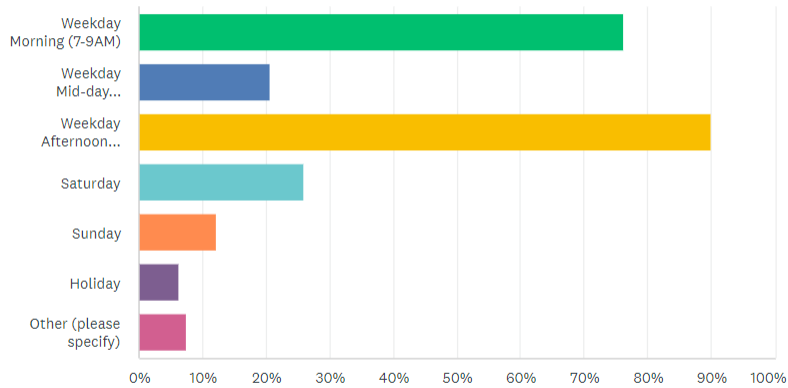


Route 18 Corridor (Bridgewater and East Bridgewater) Survey



### What time periods do you think the most congested time occur along ...

Answered: 189 Skipped: 138

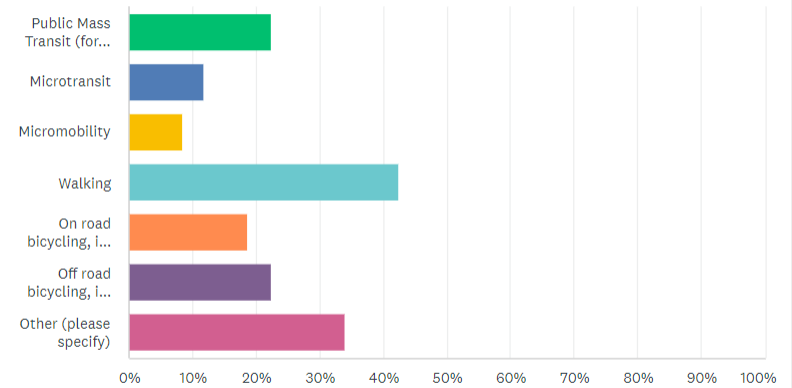


Route 18 Corridor (Bridgewater and East Bridgewater) Survey



### If available, would you consider the following modes to travel along R...

Answered: 236 Skipped: 91

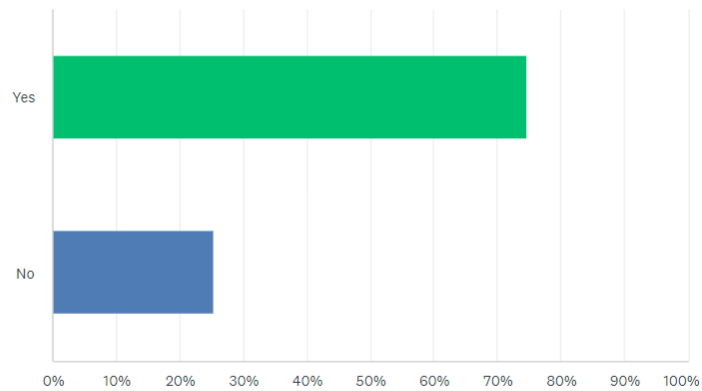


Route 18 Corridor (Bridgewater and East Bridgewater) Survey



### Do you find yourself seeking alternate routes to avoid Route 18 conges...

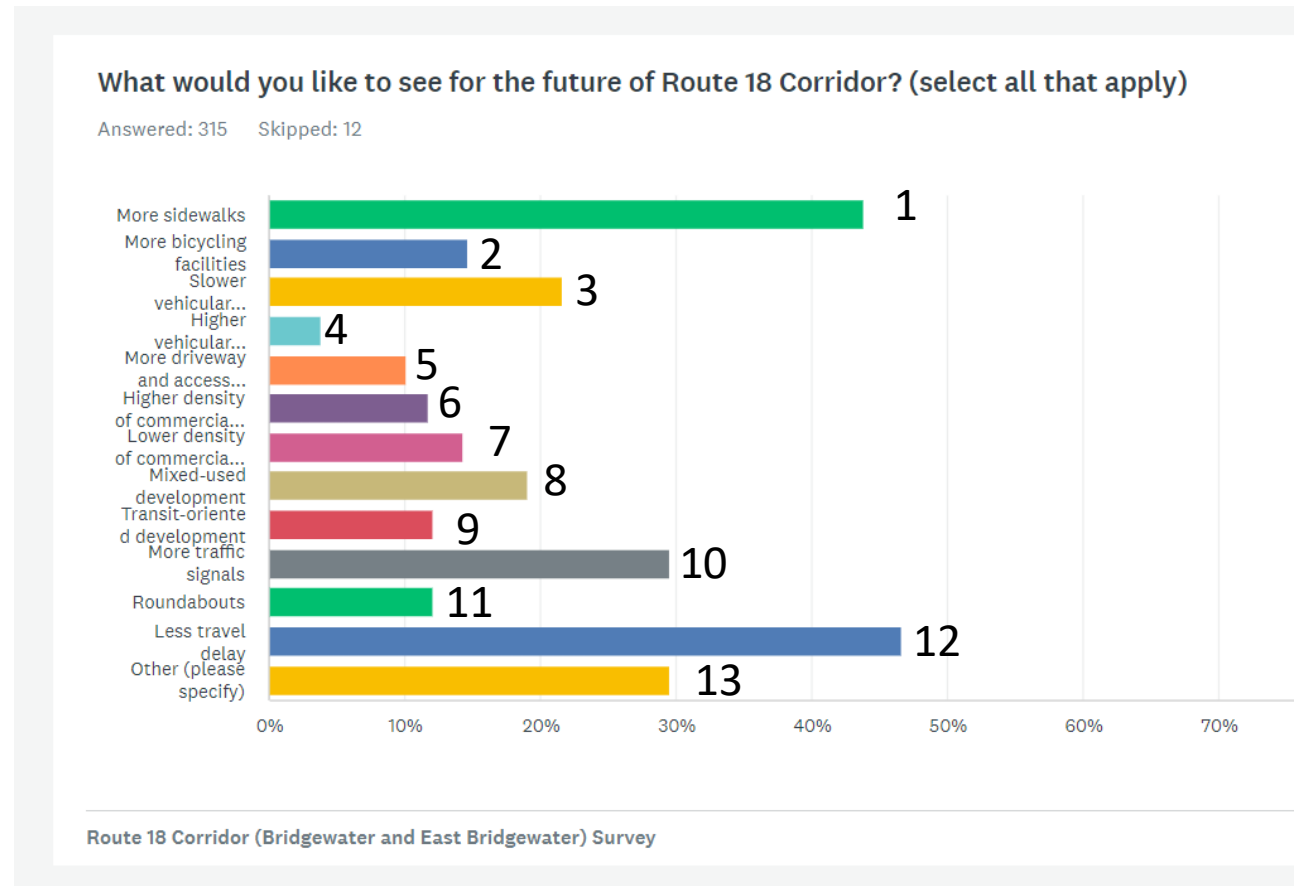
Answered: 327 Skipped: 0



Route 18 Corridor (Bridgewater and East Bridgewater) Survey



1. More Sidewalks
2. More Bicycling Facilities
3. Slower vehicular traveling speed
4. Higher vehicular traveling Speed
5. More driveway and access management
6. Higher density of commercial development
7. Lower density of commercial development
8. Mixed-used development
9. Transit-oriented development
10. More traffic signals
11. Roundabouts
12. Less travel delay
13. Other (please specify)





## What are your main concerns for Route 18 Corridor?



Answered: 278 Skipped: 49

Drivers going through red lights well after it has turned red.

East Bridgewater center light is dangerous, union street at central 4 way stop constantly has accidents and is congested.

Traffic and kids safety with lack of sidewalks in East Bridgewater

It's so crowded and congested

Center of EB by the schools and to Spring St. is always congested. Many intersections like the one at Highland have no dedicated left lanes or signals. I see people all the time taking a left from the right lanes or a right from the left lanes. And I have heard many, many accidents there too. When accidents happen by Highland, people cut through on Old Harvard to Harvard. There are lots of kids and pedestrians on that road and there is a speed limit but people coming from 18 just fly down that street. I live on Harvard and I am gravely concerned for my neighborhood.

It's dangerous trying to leave businesses to access rt. 18 or Spring St.

Too many traffic lights and there should be 2 lanes going north and south

Route 18 Corridor (Bridgewater and East Bridgewater) Survey



## Which infrastructure investments do you think should be considered t...



Answered: 248 Skipped: 79

Left turn only lane traveling North at Rt 18 and Central St.

I'm not sure. I think there should be a turn signal for east street and west street (18/106) intersection.

Multiple lanes

Add more lights and lanes

Dedicated left lanes, lights, 2 lanes if possible, maybe preventing cut thru traffic on normally quiet neighborhood streets.

Sidewalks on North Bedford St., better stop lights

Widen the lanes.

left arrow coming from Bridgewater in EB center lights at Flagg/Rte. 18 or at least a safety feature for those crossing to Prisco's

Better sidewalks

Route 18 Corridor (Bridgewater and East Bridgewater) Survey





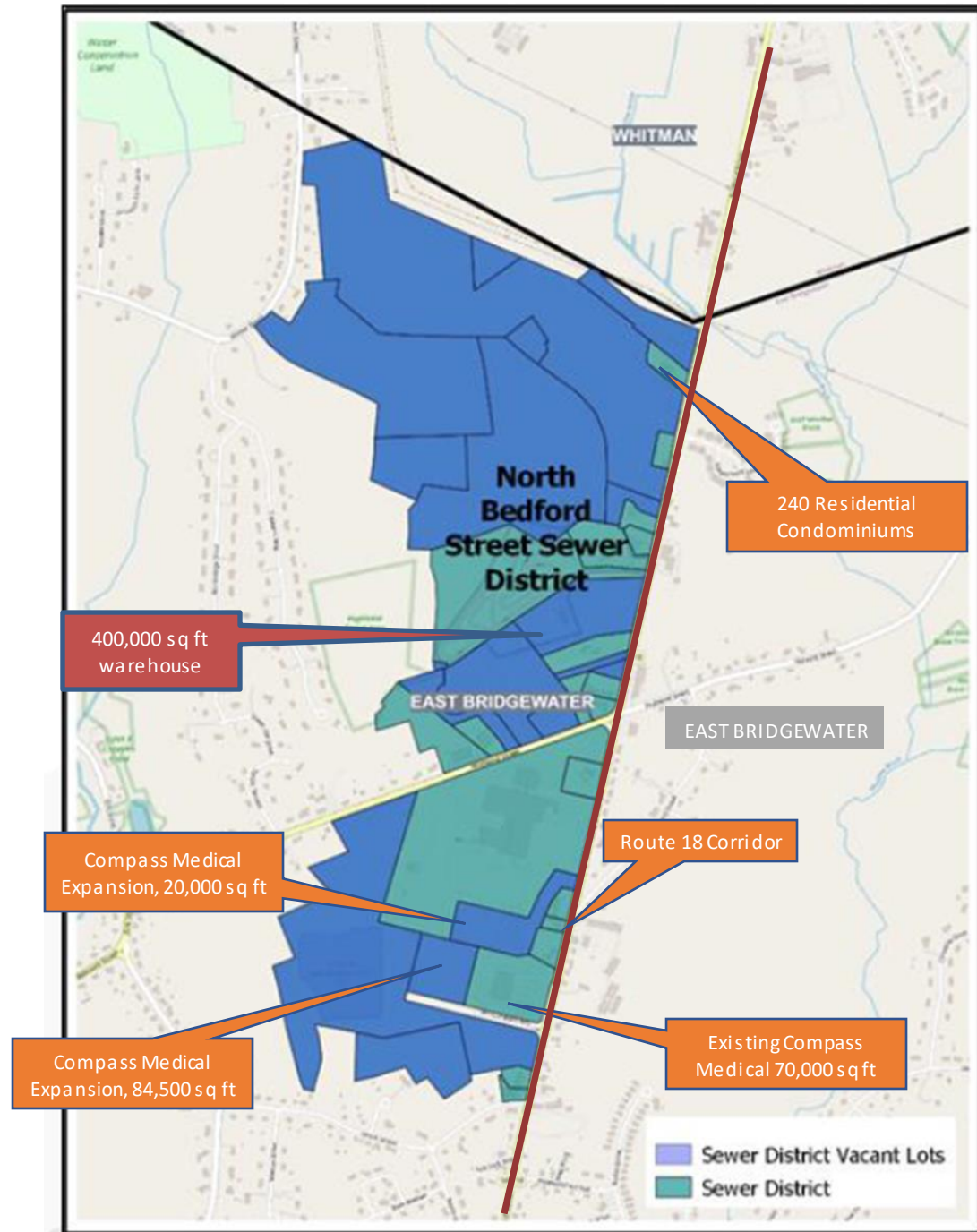
## EXISTING INTERSECTION LEVELS-OF-SERVICE

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	E	C
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

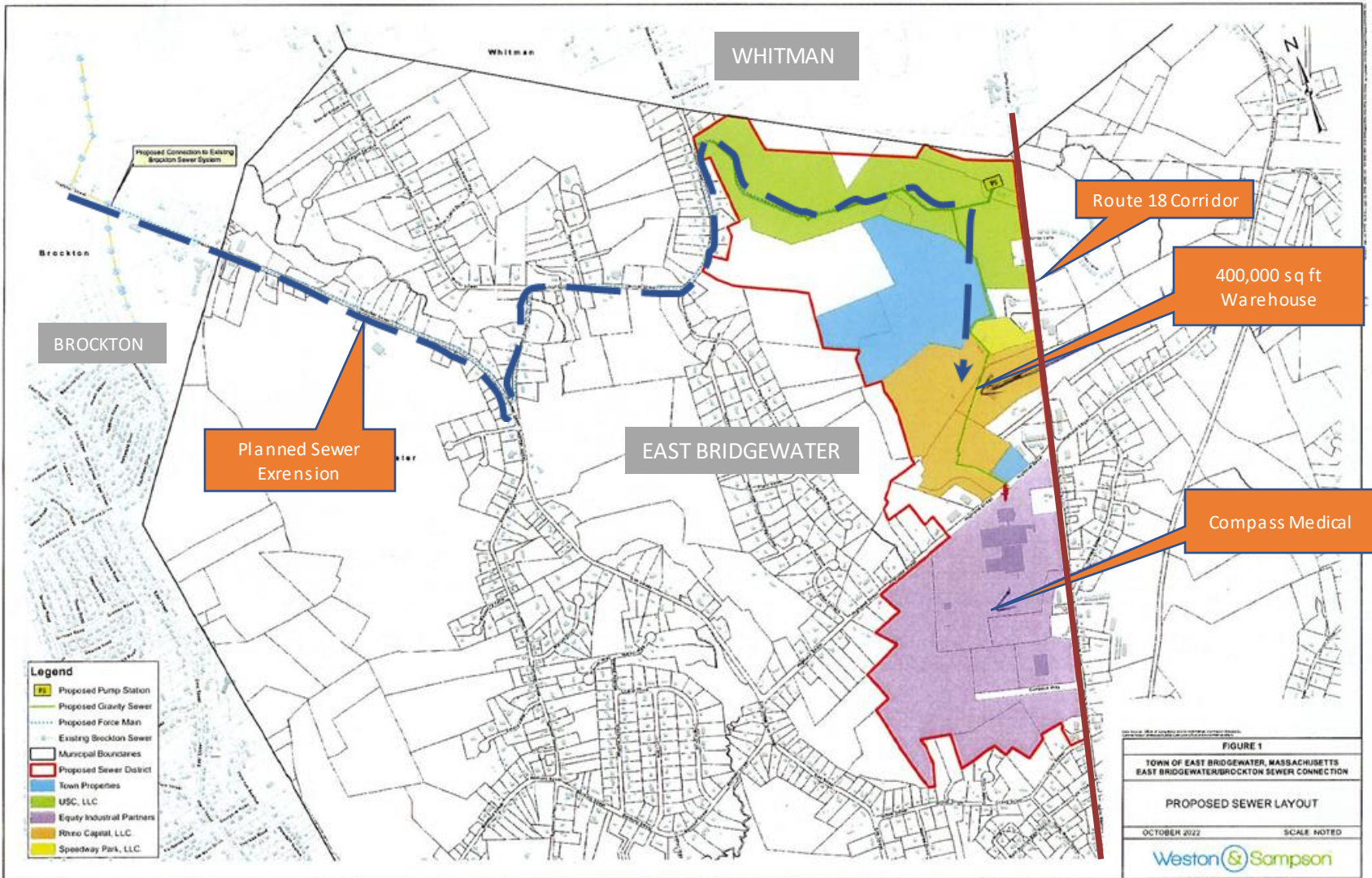
# NO – BUILD

Potential for Future Development

## North Bedford Sewer District



# NO-BUILD Sewer Extension





# BUILD Scenario East Bridgewater

Route 18 at Highland Street Future analysis

1. Skewed intersection needs realignment if possible (ROW?)
2. Long Peak Hour Queues (additional turning lanes)
3. Additional traffic impact from sewer extension
4. Updated signal timing and phasing over existing fixed phasing/timing



# BUILD Scenario East Bridgewater

## Bridgewater Center

1. Long Delays LOS “F” (non-conventional 5-way turning movements)
2. Long Peak Hour Queues (Central Street)
3. Pedestrian and bicycle accommodation poor
4. Updated signal timing and phasing and lane use

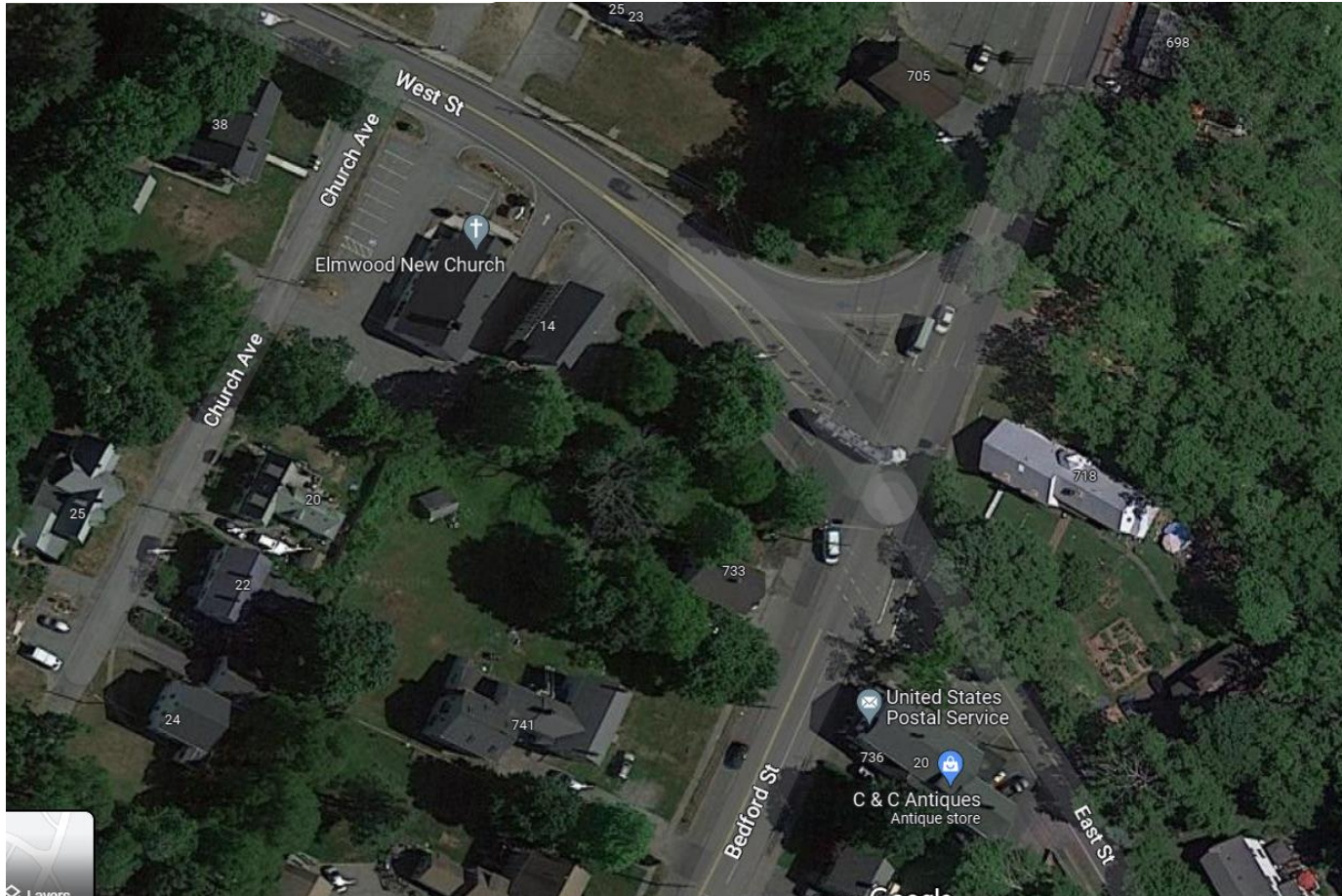




# BUILD Scenario East Bridgewater

Route 18 at East Street Route 106/West Street

1. High number of crashes due to alignment and weaving
2. Long term fix realignment
3. Updated signal timing and phasing and lane use



# BUILD Scenario Bridgewater



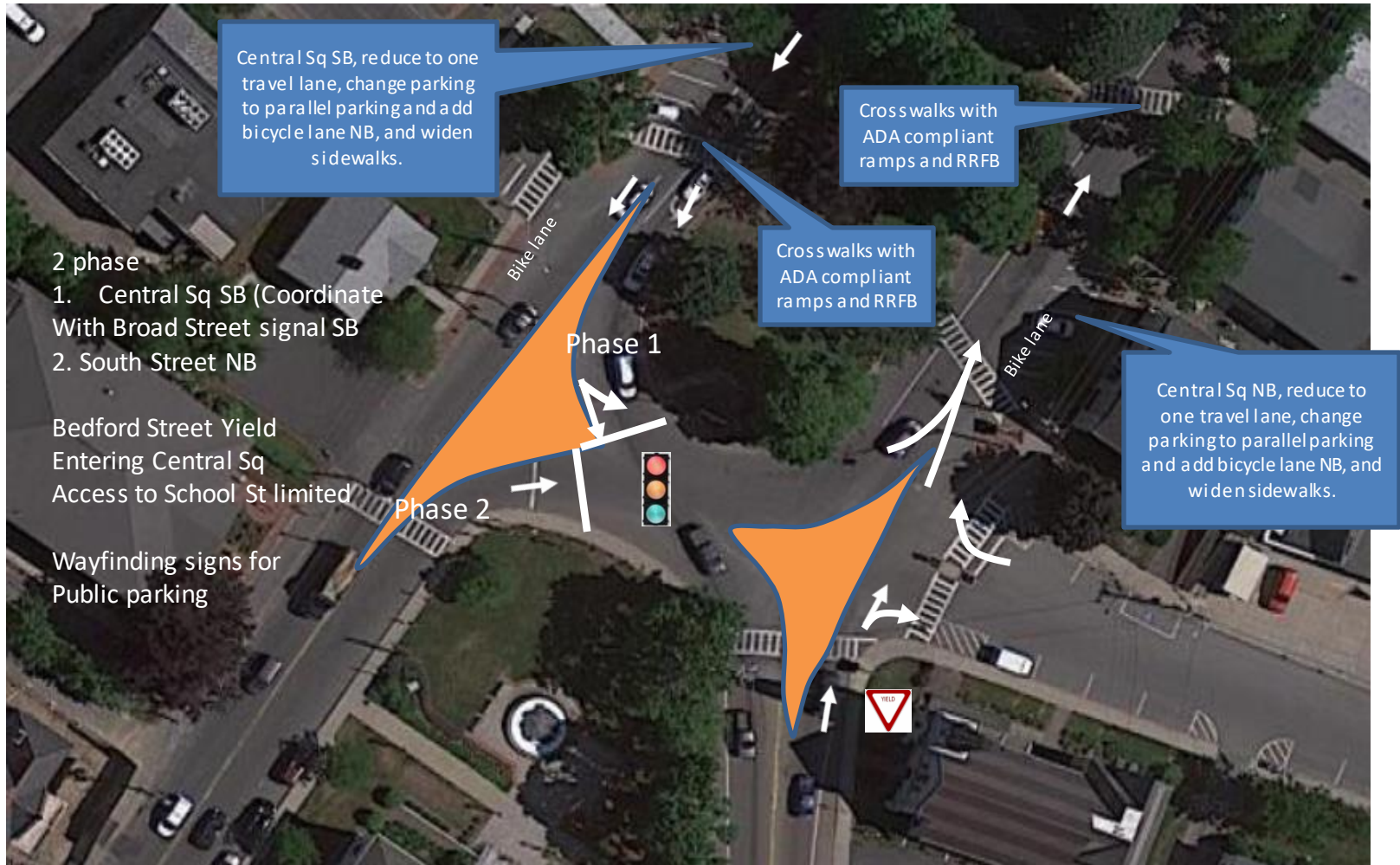


# BUILD Scenario Bridgewater





# BUILD Scenario Bridgewater



# BUILD Scenario Bridgewater



# Route 18 Corridor Study

## Next Steps

- ❖ Discern potential traffic from future development, and potential needs for changing development (TransCAD Model)
- ❖ Analysis of future scenarios with alternatives based on 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!

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## Questions / Comments?

Ray Guarino

Principal Transportation Planner

E-Mail: [rguarino@ocpcrpa.org](mailto:rguarino@ocpcrpa.org)

Guoqiang Li, PTP, RSP1

Principal Transportation Planner

E-Mail: [gli@ocpcrpa.org](mailto:gli@ocpcrpa.org)



April 18, 2023 Old Colony MPO Meeting  
Agenda Item 9  
Administrative Matters, Other Business, and Date and Time of  
Next Meeting(s)

**Summary**

**2023 MassDOT Transportation Innovation Conference**

**May 2, 2023 at 7:45 AM to May 3, 2023 at 4:30 PM**

**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 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>

**Culvert Replacement Municipal Assistance Grant - Now Accepting Applications!**



## **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**

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

April 18, 2023 Old Colony MPO Meeting  
Agenda Item 10  
Adjournment

**Summary**

Adjournment of meeting.