

OLD COLONY

METROPOLITAN PLANNING ORGANIZATION (MPO)

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

OLD COLONY MPO VOTING MEMBERS

CITY OF BROCKTON

TOWN OF PLYMOUTH

TOWN OF WEST BRIDGEWATER

TOWN OF 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 15, 2022, 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 18, 2022 Old Colony MPO Meeting
4. Brockton Area Transit (BAT) Report
5. FFY 2022-2026 Old Colony Transportation Improvement Program (TIP) Adjustments and/ or Amendments
6. Development of FFY 2023-2027 Old Colony Transportation Improvement Program (TIP)
 - Review of Projects including Evaluation Criteria and Results of TIP Readiness Day
7. Road Safety Audits at Multiple Locations Project Overview
8. Freight Planning and Action Plan Overview
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 180 days from the date of the alleged discrimination. Please contact Mary Waldron at 508-583-1833 Extension 202 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 Extension 202.

- If this information is needed in another language, please contact Mary Waldron at 508-583-1833 Extension 202.
- Se esta informação é necessária em outro idioma, entre em contato com Mary Waldron em 508-583-1833 Ramal 202.

- Si se necesita esta información en otro idioma, por favor póngase en contacto con Mary Waldron al 508-583-1833 extensión 202.
- Si yo bezwen enfòmasyon sa a nan yon lòt lang, tanpri kontakte Mary Waldron nan 508-583-1833 Ekstansyon 202.

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 15, 2022 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 Extension 202. 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 www.ocpcrpa.org. Please contact Mary Waldron at 508-583-1833 Extension 202 for more information. Thank you.”

February 15, 2022 Old Colony MPO Meeting
Agenda Item 2
Public Comments

Summary

Public comments.

February 15, 2022 Old Colony MPO Meeting
Agenda Item 3
Minutes of January 18, 2022 Old Colony MPO Meeting

Summary

The Old Colony MPO is respectfully asked to consider approval of the January 18, 2022 Old Colony MPO Meeting Minutes.

OLD COLONY METROPOLITAN PLANNING ORGANIZATION (MPO)

Minutes of the Old Colony MPO Virtual Meeting, January 18, 2022 - 10:00 A.M. Held Via Zoom

Signatories Present:

Brady Winsten, Representing Mayor Robert Sullivan, City of Brockton
Lee Hartmann, Representing Richard Quintal, Chair, Plymouth Select Board
David Mohler, Representing Jamey Tesler, Secretary and CEO, MassDOT
Pam Haznar, Representing Jonathan Gulliver, Administrator, MassDOT Highway Division
Michael Lambert, Administrator, Brockton Area Transit Authority (BAT)
Mary Waldron, Representing Christine Joy, President, Old Colony Planning Council

Others Present:

Bruce Hughes, Abington
John Fay, Brockton
Peter Spagone, East Bridgewater
William Chenard, Pembroke
Glenn Geiler, Brockton Area Transit
Steven Higgins, Independence Associates
Michelle Ho, MassDOT
Chris Klem, MassDOT
Derek Krevat, MassDOT
Mary Ellen DeFrias, MassDevelopment
Rob Cahoon, VHB
Shawn Bailey, Old Colony Planning Council
Ray Guarino, Old Colony Planning Council
Charles Kilmer, Old Colony Planning Council
Guoqiang Li, Old Colony Planning Council
Bill McNulty, Old Colony Planning Council
Kyle Mowatt, Old Colony Planning Council

1. Call to Order and Introductions

Chairperson David Mohler called the meeting to order at 10:00 A.M. and then read the meeting accessibility statement, and the Title VI Notice of Protection Statement. Charles Kilmer conducted the roll and announced there was a quorum present.

2. Public Comments

There were no public comments offered at this time.

3. Minutes of the October 19, 2021 Meeting

Chairperson Mohler asked the MPO Members for comments or changes regarding the minutes of the October 19, 2021 meeting.

OLD COLONY METROPOLITAN PLANNING ORGANIZATION (MPO)

Lee Hartmann made a motion and Mary Waldron seconded to endorse the minutes of the October 19, 2021 meeting.

There being no changes, the Old Colony MPO then voted unanimously via roll call vote to endorse the minutes of the October 19, 2021 Old Colony MPO Meeting.

4. Brockton Area Transit (BAT) Report

Michael Lambert thanked MassDOT for a number of grants that BAT received through the Community Transit Grant Program (CTG). These grants will provide subsidies for BAT's Avon/Stoughton Service, Rockland Flex Service, and some replacement vans.

December showed an improvement in terms of year over year ridership. BAT ridership is at about 60% compared to pre-Covid. BAT continues to collaborate closely with employees to make sure people are up to date on vaccines and then noted that tests are available.

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

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

PEMBROKE - REHABILITATION OF ROUTE 36 (CENTER STREET) FROM ROUTE 27 TO ROUTE 14

- Bid opening is scheduled for January 19, 2022

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

- Expecting PS&E in March 2022

STOUGHTON - CORRIDOR IMPROVEMENTS ON ROUTE 138

- Design Public Hearing is scheduled for February 16, 2022

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

- 25% Design is under review

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

- Bridge type study was reviewed
- Expect the revised 25% design at the end of March 2022

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

- Planning to schedule the utility site walk and then the Design Public Hearing

HANSON - CORRIDOR IMPROVEMENTS ON ROUTE 14 (MAQUAN STREET), FROM THE PEMBROKE T.L. TO INDIAN HEAD STREET AND RELATED WORK

OLD COLONY METROPOLITAN PLANNING ORGANIZATION (MPO)

- Need to have meeting with town. There is an issue with the water line (over 100 years old)

ABINGTON - INTERSECTION IMPROVEMENTS AT HANCOCK STREET AND CHESTNUT STREET

- Comment resolution meeting was recently held
- Expecting revised plans later this month

DUXBURY - SIGNAL INSTALLATION @ ROUTE 3 (NB & SB) RAMPS & ROUTE 3A (TREMONT STREET)

- Kickoff meeting was held in November 2021
- Waiting for project schedule

6. FFY 2022-2026 Transportation Improvement Program (TIP) Amendments and/ or Adjustments

There are currently no Amendments and/ or Adjustments for the TIP as this time.

7. Performance Based Planning and MassDOT Proposed Calendar Year (CY) 2022 Highway Safety Performance Measure Targets (PM1)

- **Discussion, and Possible Adoption of the Proposed Set of Federally Required Performance Measure Targets Pertaining to Highway Safety**

Derek Krevat provided a presentation on the Proposed Calendar Year (CY) 2022 Highway Safety Performance Measure Targets (PM1).

Fatalities

- Due to reduced vehicle miles traveled (VMT) related to the pandemic, 2020 data was disregarded given the unique circumstances surrounding data from that year
- CY 2022 projections are based on a 2.5% reduction in fatalities from CY 2021
- Target for CY 2022 is to reduce the number of total fatalities to 340, or .56 fatality rate (per 100 million VMT)

Serious Injuries

- Due to unpredictable fluctuations between 2019 and 2020 data and an overall decreasing trendline, a 3% reduction in annual serious injuries from 2018 to 2021, and a 4% annual reduction from 2021 to 2022, were assumed to calculate the CY 2022 target
- Target for CY 2022 is to reduce the total number of serious injuries to 2,504, or 4.11 serious injury rate (per 100 million VMT)

Non-Motorized Fatalities and Serious Injuries

- To project the non-motorist fatality and serious injuries for 2022, a 2% reduction was estimated
- Target for CY 2022 is to reduce the number of non-motorist fatalities and injuries to 471

Brady Winsten asked if the percent reduction targets are based purely on past trends. Derek Krevat stated that they are essentially based on past trends. Derek Krevat suggested that MassDOT's Strategic Highway Safety Plan presents the safety strategies being used.

Charles Kilmer asked how MPO members may participate in providing input into the development of

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the 2023 Strategic Highway Safety Plan. Derek Krevat stated that there is a meeting scheduled that is open to all MPO members, and that there will be additional opportunities in the future as the plan is developed.

Chairperson Mohler asked if there is a motion to adopt the Proposed CY 2022 Highway Safety Performance Measure Targets (PM1). A motion was made by Lee Hartmann and seconded by Michael Lambert.

The Old Colony MPO then voted unanimously via roll call vote to adopt the Proposed CY 2022 Highway Safety Performance Measure Targets (PM1).

8. High Priority Corridor Screening Assessment Status Report

Guoqiang Li provided a status report on the High Priority Corridor Screening Assessment that is programmed in the FFY 2022 Old Colony UPWP. Staff are developing a High Priority Corridor Study Screening Assessment process for federal aid and functionally classified arterial roads, including state number routes. Staff will identify, rank, and inform the selection process for locations to conduct corridor studies that will then inform the Long-Range Transportation Plan (LRTP) Needs Assessment in the next few months. This project will apply a comprehensive approach to analyzing problems and forming recommendations ensuring that the needs of all transportation users are considered.

Proposed Project Evaluation Criteria Components:

- Capacity (Congestion)
- Safety
- Bicycle and Pedestrian Accommodation
- Climate resilience
- Criticality Factor (supporting the land use and business)
- Transit Operation
- Transportation Equity (Environmental Justice)
- Implementation Potential
- Physical Conditions

Estimated Timeline for Project Completion:

- Develop GIS database to manage candidate project scoring - January 2022
- Verify traffic data, update Synchro and SimTraffic Simulation - March 2022
- Develop base year Travel Demand Model to verify volume and travel time results - March 2022
- Develop and validate network scoring - April 2022
- Select final projects - May 2022
- Develop technical reports, maps and results summary - June 2022
- Provide project presentation - July 2022
- Gather comments and suggestions on Draft - August 2022

Final project completion – September 30, 2022

Pam Haznar commented that this information will be valuable for developing future TIP projects and

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additionally for smaller improvements that communities can take on.

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

Charles Kilmer reported on a Correspondence from Mayor Robert Sullivan, to Secretary Jamey Tesler, MassDOT, regarding the need to invest and upgrade Old Colony Commuter Rail Lines, Re-evaluate fare structures, provide strategic double-tracking at the JFK/UMASS and Quincy Center Stations and vicinity, and reconfigure the Red Line at the Savin Hill Station.

Charles Kilmer announced a webinar on the APA-MA Housing & Community Development Committee Lunchtime Conversation Meeting. This will be held on Tuesday, January 18, 2022 at noon.

Charles Kilmer announced that the Shared Streets and Spaces Funding Round is now open. The application deadline is March 1, 2022.

Charles Kilmer announced that the 2022 MassTrails Program Grant Round is now open. Applications must be submitted online by 11:59 p.m. on Tuesday, February 1, 2022.

Charles Kilmer provided the Date and Time of Next Old Colony MPO Meetings(s):

2022

- February 15, 2022 at 10 AM
- March 15, 2022 at 10 AM
- April 19, 2022 at 10 AM
- May 17, 2022 at 10 AM
- June 21, 2022 at 10 AM

10. Adjournment

Chairperson Mohler adjourned the meeting at 10:35 AM.

Respectfully submitted,

Kyle Mowatt

Kyle Mowatt, Senior Transportation Planner

List of Documents for the January 18, 2022 Old Colony MPO Meeting

- Minutes of October 19, 2021, Old Colony MPO Meeting
- Staff Reports for January 18, 2022 Old Colony MPO Meeting Agenda Items
- Performance Based Planning and MassDOT Proposed Calendar Year 2022 Highway Safety Performance Measure Targets (PM1) Presentation
- High Priority Corridor Screening Assessment Status Report Presentation

February 15, 2022 Old Colony MPO Meeting
Agenda Item 4
Brockton Area Transit Authority (BAT) Report

Summary

Brockton Area Transit to provide report.

February 15, 2022 Old Colony MPO Meeting
Agenda Item 5
FFY 2022-2026 Transportation Improvement Program (TIP)
Amendments and/ or Adjustments

Summary

The Old Colony MPO is asked to review and consider Amendments and/ or Adjustments as needed.

February 15, 2022 Old Colony MPO Meeting

Agenda Item 6

Development of FFY 2023-2027 Old Colony Transportation
Improvement Program (TIP)

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

Summary

The development of the **FFY 2023-2027 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 2022-2026 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
STOUGHTON - INTERSECTION IMPROVEMENTS AND RELATED WORK AT CENTRAL STREET, CANTON STREET AND TOSCA DRIVE	608279	2023 (2023)	43.22
BROCKTON- INTERSECTION IMPROVEMENTS AND RELATED WORK AT CENTRE STREET (ROUTE 123), CARY STREET AND LYMAN STREET	609410	2023 (2023)	48.89
STOUGHTON - CORRIDOR IMPROVEMENTS ON ROUTE 138 AC PHASE 1 OF 2	607403	2023 - AC PHASE 1 OF 2 (2023)	51.78
STOUGHTON - CORRIDOR IMPROVEMENTS ON ROUTE 138 AC PHASE 1 OF 2	607403	2024 - AC PHASE 1 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 (2026)	38.22
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 (2027)	38.22

BROCKTON - INTERSECTION IMPROVEMENTS @ CRESCENT STREET (ROUTE 27)/ QUINCY STREET/ MASSASOIT BOULEVARD	606143	NOT PROGRAMMED	45.83
STOUGHTON - RECONSTRUCTION OF TURNPIKE STREET	607214	NOT PROGRAMMED	38.89
EASTON - RESURFACING AND RELATED WORK ON ROUTE 138 (ROOSEVELT CIRCLE TO STOUGHTON TOWN LINE (EXCLUDING THE SECTION FROM ELM STREET TO UNION STREET))	608585	NOT PROGRAMMED	38.72
BROCKTON - ABINGTON - PEDESTRIAN AND BICYCLE IMPROVEMENTS ON ROUTE 123	609520	NOT PROGRAMMED	44.72
AVON - CORRIDOR IMPROVEMENTS ON ROUTE 28	610804	NOT PROGRAMMED	49.22
EAST BRIDGEWATER - INTERSECTION IMPROVEMENTS AT BEDFORD STREET (ROUTE 18), WEST STREET (ROUTE 106) AND EAST STREET	611968	NOT PROGRAMMED	47.00
EAST BRIDGEWATER - INTERSECTION IMPROVEMENTS AT HIGHLAND STREET AND NORTH BEDFORD STREET (ROUTE 18)	611976	NOT PROGRAMMED	41.44

PEMBROKE - INTERSECTION IMPROVEMENTS AT WASHINGTON STREET AND SCHOOSSETT STREET	611978	NOT PROGRAMMED	44.72
AVON - INTERSECTION IMPROVEMENTS AT ROUTE 28, SPRING STREET AND HARRISON BOULEVARD	611979	NOT PROGRAMMED (2027)	51.06
STOUGHTON - INTERSECTION IMPROVEMENTS AT CANTON STREET (ROUTE 27), SCHOOL STREET AND SUMMER STREET	611981	NOT PROGRAMMED (2027)	44.67
BROCKTON - INTERSECTION IMPROVEMENTS AT ROUTE 123 (BELMONT STREET), PEARL STREET AND STONEHILL STREET	612262	NOT PROGRAMMED (2027)	60.61
EASTON - IMPROVEMENTS ON FOUNDRY STREET (ROUTE 106/123)	612269	NOT PROGRAMMED (TBD)	40.5
ABINGTON - INTERSECTION IMPROVEMENTS, RANDOLPH ST AND RICHARD A FITTS DRIVE (ROUTE 139) AT CHESTNUT STREET AND OLD RANDOLPH ST	612525	NOT PROGRAMMED (2027)	47.44
BROCKTON - IMPROVEMENTS ON FOREST AVENUE, FROM WEST STREET TO BREER STREET	612526	NOT PROGRAMMED (2027)	53.67

February 15, 2022 Old Colony MPO Meeting
Agenda Item 7

Road Safety Audits at Multiple Locations Project Overview

Summary

Though the Old Colony MPO's FFY 2022 Unified Planning Work Program, Old Colony Planning Council is conducting Road Safety Audits at high crash locations throughout the region. This program builds upon the FFY 2021 program, through which OCPC prepared road safety audits at a total of fifteen locations. The locations were in the communities of Abington, Bridgewater, Brockton, East Bridgewater, Easton, Hanover, Kingston, Plymouth, Stoughton, and West Bridgewater.

In November 2021, OCPC prepared a Road Safety Audit for the intersection of Massapoag Avenue at Mill Street in Easton. Both potential short term lower cost improvements and longer-term capital improvement projects were identified through this Audit and included in the final report, which has been distributed to stakeholders.

Road Safety Audits are currently being scheduled for the following locations:

Abington (Scheduled for February 23, 2022)

- Groveland Street and Linwood Street
- Central Street Corridor

Brockton

- Warren Avenue at Market Street
- West Chestnut Street at Southworth Street

Duxbury (Scheduled for February 18, 2022)

- Summer Street (Route 53) at Franklin Street and High Street
- Congress Street (Route 14) at Franklin Street
- Tremont Street / Enterprise Street (Route 3A) at Tremont Street / Church Street (Route 139)

Old Colony Planning Council is collaborating with municipalities and MassDOT to schedule additional audits throughout the region. These additional locations will be based on updated Equivalent Property Damage Only (EPDO) scores for crashes that occurred from January 1, 2019 through December 31, 2021. The EPDO is a calculated weighted value for intersections that assigns 21 points for crashes that resulted in an injury or fatality, and a single point for crashes resulting in property damage only.

A Road Safety Audit (RSA) is the formal safety performance examination of an existing or future road or intersection by an independent, multidisciplinary team. It qualitatively estimates and reports on potential road safety issues and identifies opportunities for improvements in safety for all road users. Old Colony Planning Council uses the Road Safety Audit process to achieve safety performance goals of reducing the number of serious injuries and fatalities on the roadway network.

For information about this Road Safety Audits at Multiple Locations Study, please direct inquiries to Project manager Bill McNulty (wmcnulty@ocpcrpa.org) at 508.583.1833 x207

February 15, 2022 Old Colony MPO Meeting
Agenda Item 8
Freight Planning and Action Plan Overview

Summary

The ongoing freight planning study efforts are focusing on a number of tasks based on FHWA guidelines in freight planning. These guidelines include integrating freight planning into the overall planning process, identify and plan for long-term freight needs, develop specific long-range transportation projects, identify potential funding sources for those projects.

The elements and process of the Freight Study include:

1. Freight Self-Assessment

- Identify the key freight facilities and modes (truck, rail, port, air), industries, freight generators
- Understand freight transportation needs (issues such as truck routes, bottlenecks/congestion, truck exclusions, physical constraints, crash locations and safety)
- Identify the major freight players in the region

2. Identify action freight related strategies, policies, and projects specific to the region that could be implemented into the MPO's plans and programs.

3. Integrate Freight Plan with the region's Long Range Transportation Plan

Discussions included in the study and report include:

- Consider existing MassDOT performance measures and targets
- Review rest area locations for long-distance truck drivers in the region, and the requirements of Jason's Law
- Identify possible traffic bottlenecks and safety concerns
- Freight project identification



Old Colony Freight Planning and Action Study Update



OLD COLONY
PLANNING COUNCIL

Study tasks
and process
based on
FHWA
guidelines
(what we plan to
accomplish)



Self- Assessment (Freight Profile)

What is the freight transportation infrastructure? The physical and operational attributes available for each modal system, key routes and facilities, industry use, physical condition, and traffic volumes.

Commodity flow summary that describes the tonnage and value of freight shipments moving into, out of, through, and within the region.

Other transportation-related factors, such as economic development, land-use, safety, and environmental impacts. The combination of these components provides an illustration of what the regional freight system is, how it is being used, and how it impacts the community (and vice versa).

Freight Planning Issues - Discussions

How is the system network used, and what are its weaknesses or congestion/bottlenecks? What about locations on the network that are safety concerns (compile truck crashes).

Develop mapping – major roadways, inter-modal connectors, railroads, inter-modal terminals, port facilities, and airports. Map the congestion, bottlenecks and flag locations where safety is a problem.

Review aggregate commodity flow data. The Freight Analysis Framework and CFS are available from FHWA and BTS providing commodity flow profiles for states. These geographic levels are larger than an MPO region, they can provide general characteristics for the region, key commodities, mode shares, and inbound/outbound.

Summarize key socioeconomic data. Review key regional trends in employment and population growth including types of employment and overall growth throughout the region. (Census Bureau or Bureau of Economic Analysis, state sources).

Review rest area locations for long-distance truck drivers in the region, and the requirements of Jason's Law.

Consider MassDOT performance measures and targets

Performance Measures adopted by MassDOT and Old Colony MPO

❖ Safety

- Number and rate of fatalities on all public roads.
- Number and rate of serious injuries on all public roads.
- Number of non-motorized fatalities and serious injuries on all public roads.

❖ Infrastructure

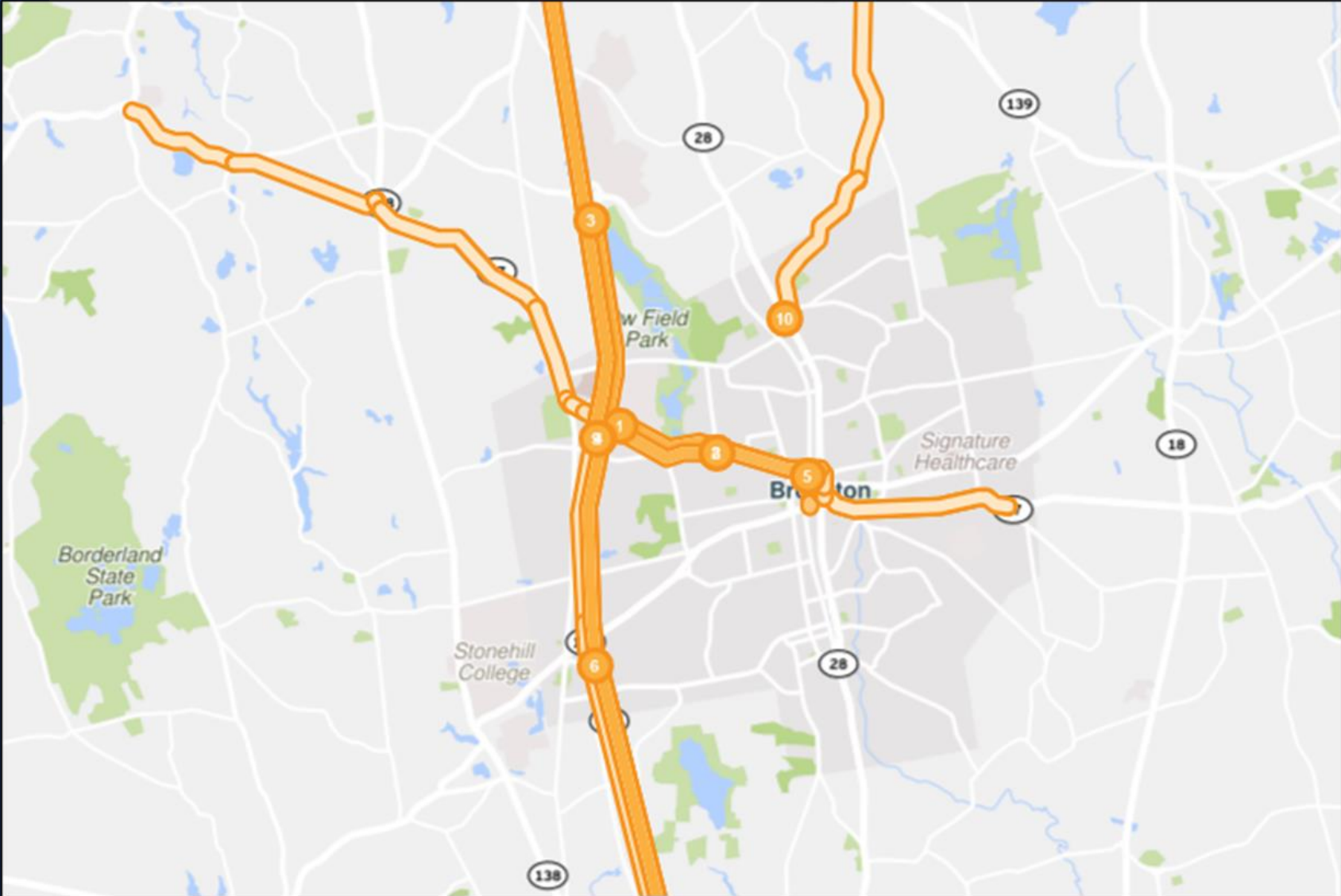
- Percent of Interstate pavements in good/poor condition.
- Percent of non-Interstate NHS pavements in good/poor condition.
- Percent of NHS bridge deck area in good/poor condition.

❖ System performance

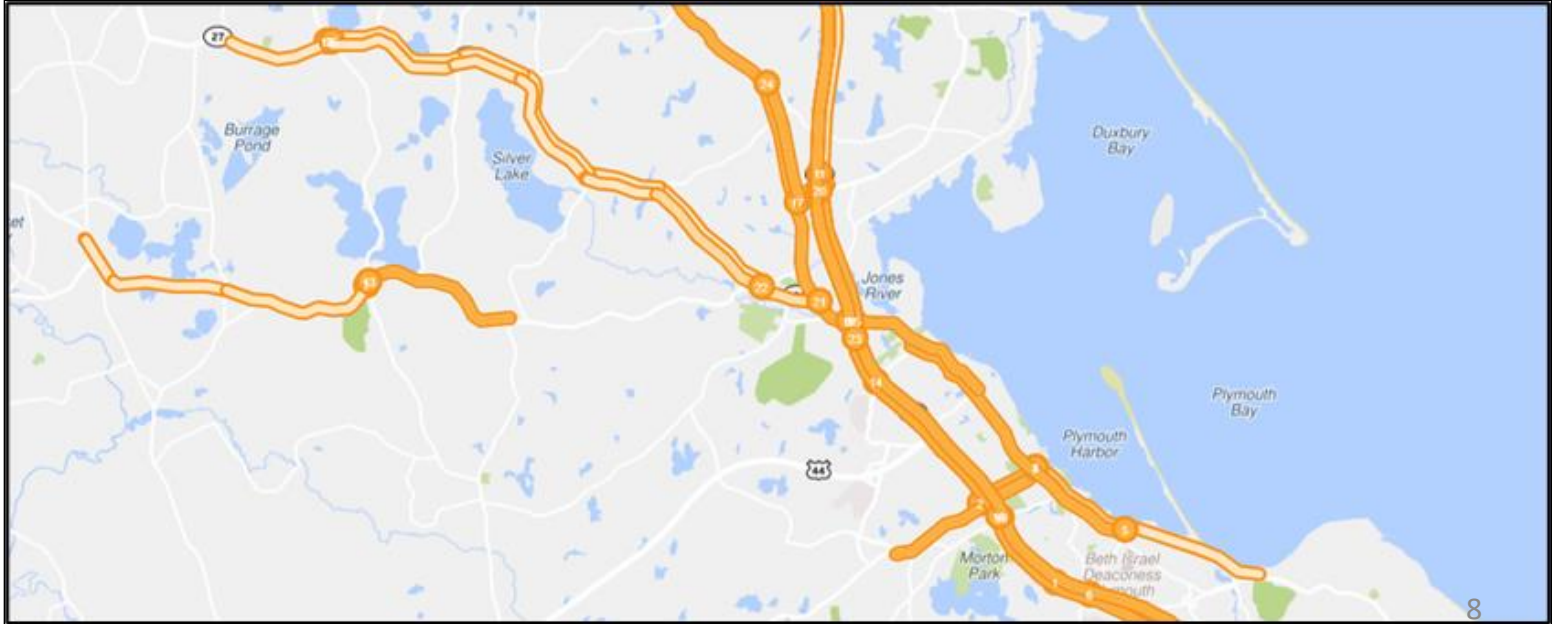
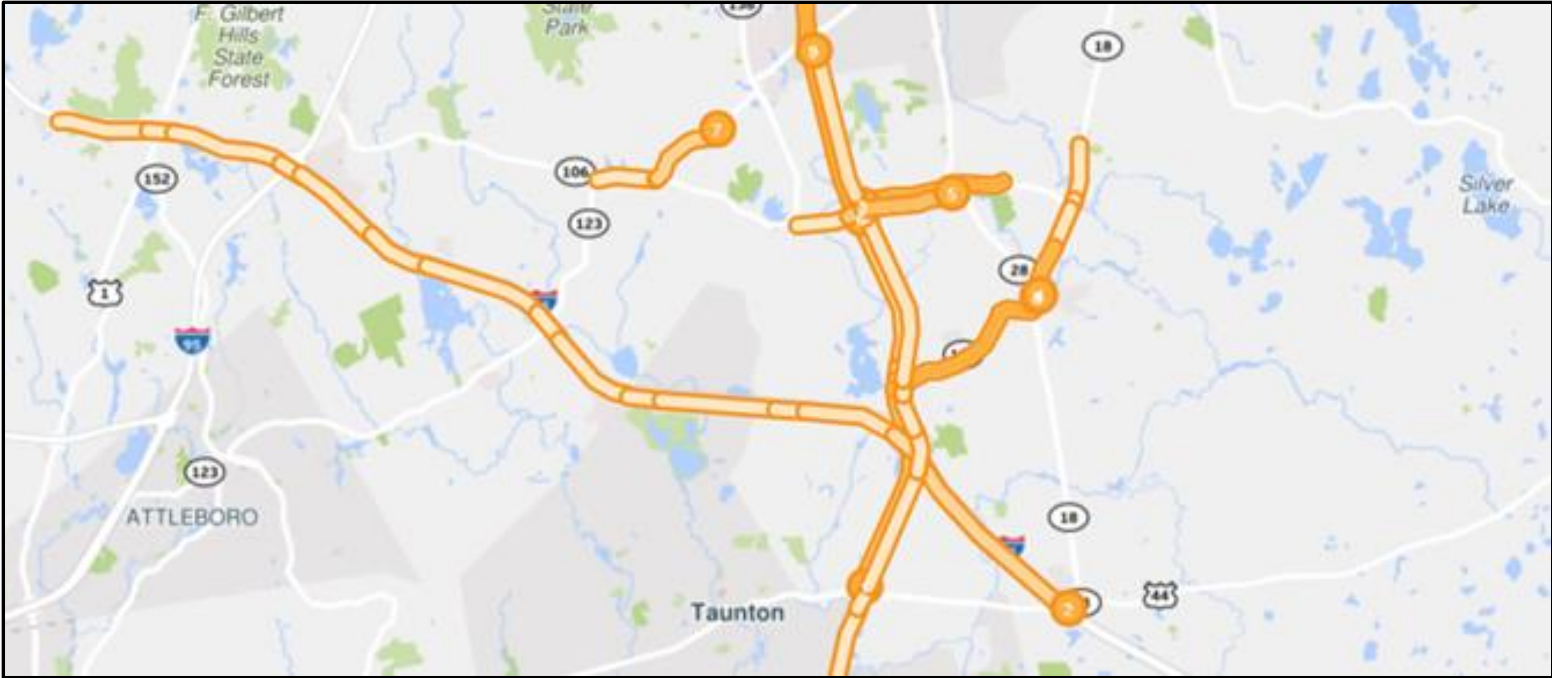
- Truck Travel Time Reliability (TTTR) index: This measure is calculated by dividing the 95th percentile truck travel time on a road segment by the 50th percentile travel time.

Work with MassDOT to develop/compile TTTR for Truck Routes
(Although TTTR is specific for trucks, all PM are important for freight movement)

Using Regional Integrated Transportation Information System (RITIS) to identify bottlenecks and congestion



Using Regional Integrated Transportation Information System (RITIS) to identify bottlenecks and congestion



Truck parking shortages are a national safety concern along with the associated safety risks.

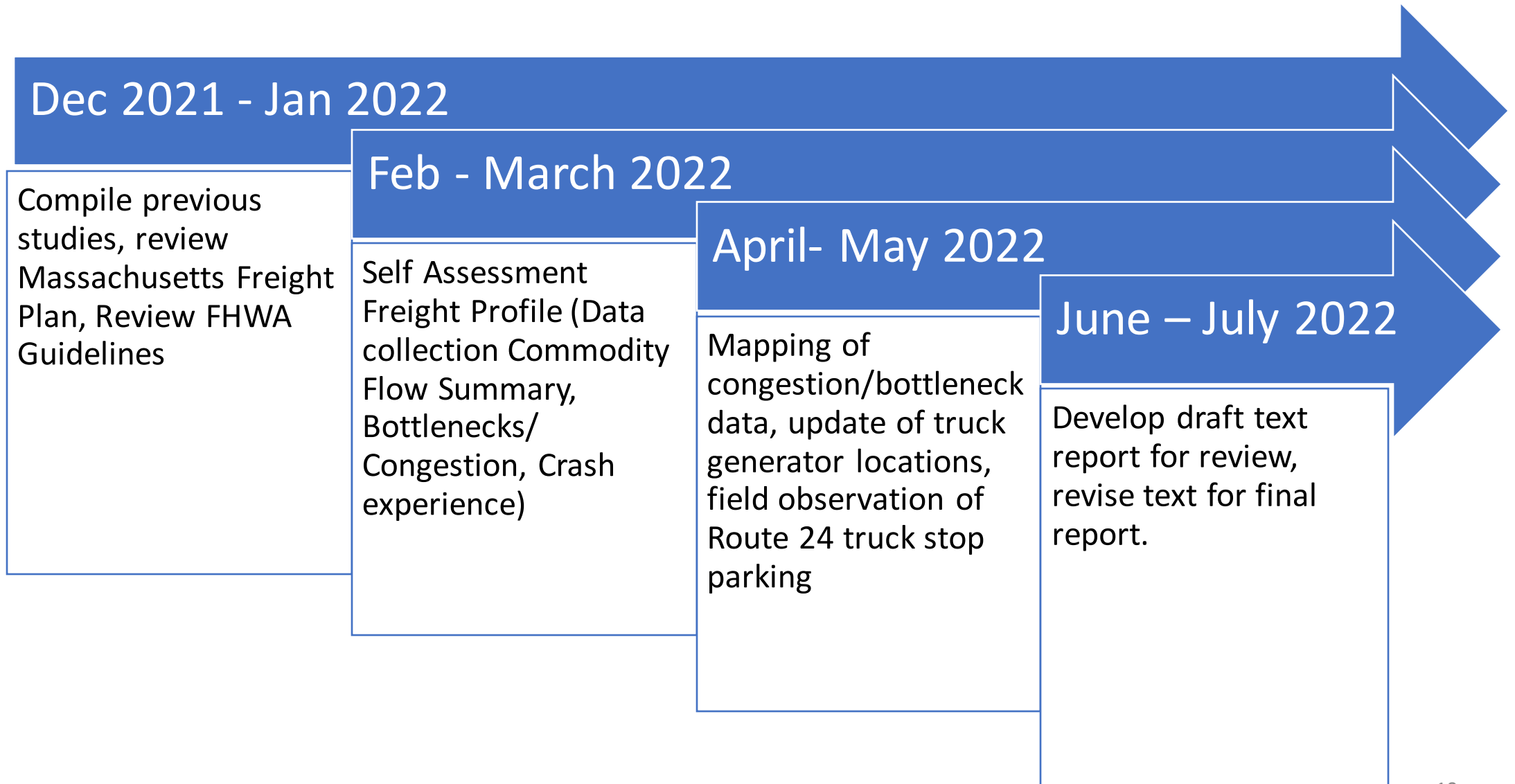
Section 1401 of MAP-21, “Jason’s Law,” addresses the commercial motor vehicle parking shortage at public and private facilities along the National Highway System (NHS). It directs the USDOT to survey and:

1. Evaluate the capability of each State to provide adequate parking and rest facilities for commercial motor vehicles engaged in interstate transportation;
2. Assess the volume of commercial motor vehicle traffic in each State; and
3. Develop a system of metrics to measure the adequacy of commercial motor vehicle parking facilities in each State.

Route 24 Truck/Rest stop Bridgewater at I-495



OCPC Freight Planning and Action Study Timeline



Questions, Comments?

Raymond Guarino
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February 15, 2022 Old Colony MPO Meeting
Agenda Item 9
Administrative Matters, Other Business, and Date and Time of
Next Meeting(s)

Summary

Route 24 Over Canton Street Bridge Replacement Virtual Design Public Hearing

A Virtual Design Public Hearing was hosted by MassDOT to present the design for the proposed Route 24 Over Canton Street Bridge replacement project in Randolph, MA. on **February 10, 2022 at 6:00 PM.**

MassDOT proposes to replace the superstructures of two single-span bridges carrying Route 24 over Canton Street using accelerated bridge techniques in order to limit major roadway impacts to two weekend closures. The proposed bridges will match the footprint of the existing bridges and maintain existing clearance. Existing sidewalks and striped shoulders on both sides of Canton Street underneath the bridges will remain. The project proposes new safety barriers and deck drains on the bridge, as well as repairs to the concrete abutments. Please note this meeting will be recorded and transcribed by a stenographer. Visit www.mass.gov/massdot-highway-design-public-hearings for more information.

Route 138 (Washington Street) Corridor Improvements Project Virtual Design Public Hearing

A Virtual Design Public Hearing will be hosted on the MassDOT website below to present the design for the proposed Route 138 (Washington Street) Corridor Improvements project in **Stoughton, MA. on February 16, 2022 at 6:00 PM.** Attendees will have the opportunity to ask questions and offer comments during the meeting.

The purpose of this project is to improve traffic safety and operation of Route 138. The project consists of milling and overlay of the existing pavement, limited widening at some locations, adding turning lanes at intersections, new pavement markings, sidewalk reconstruction and new sidewalk, and traffic signal and signage replacement. Pedestrian accommodations consist of 6-foot-wide sidewalks (on both sides of the street, except north of York Street which is on one/west side only). Bicycle accommodations consisting of a 7-foot-wide buffered bike lane on each side of the street are in accordance with applicable design guides.

Please note this meeting will be recorded and transcribed by a stenographer. Visit www.mass.gov/massdot-highway-design-public-hearings for more information and how to register.

Release of the 2022 Rebuilding American Infrastructure with Sustainability and Equity (RAISE) NOFO

The Notice of Funding Opportunity (NOFO) has been released for the FY2022 Rebuilding American Infrastructure with Sustainability and Equity (RAISE) Transportation Discretionary Grants program. See below and attached for more information.

The Bipartisan Infrastructure Law (BIL) appropriated \$1.5 billion to be awarded by the U.S. Department of Transportation for National Infrastructure Investment grants under RAISE. This is the first year of the RAISE Transportation Discretionary Grants program under the BIL. The grant program funds will be awarded on a competitive basis for surface transportation infrastructure projects that will have a significant local or regional impact. The FY 2022 RAISE NOFO and related information, including initial FAQs, is now available on the RAISE website: <https://www.transportation.gov/RAISEgrants>.

The application deadline is April 14, 2022 at 5:00 PM Eastern Daylight Time (EDT). The NOFO is expected to be published in the Federal Register by Friday, February 4, 2022. To provide technical assistance to stakeholders, DOT will host a series of webinars during the FY 2022 RAISE grant application period. For information and to register, visit the RAISE webinar series at <https://www.transportation.gov/RAISEgrants/outreach>. If you have any questions, please email RAISEgrants@dot.gov

Culvert Replacement Municipal Assistance Grant - Now Accepting Applications

Notice of Grant Opportunity

The Division of Ecological Restoration (DER), Massachusetts Department of Fish and Game, seeks proposals from Massachusetts municipalities interested in replacing undersized, perched, and/or degraded culverts located in areas of high ecological value. The purpose of this funding is to encourage municipalities to replace culverts 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 culvert 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 culverts improves river function and access for fish and wildlife, and reduces hazards to public safety, such as flooding, culvert failure, and road washout.

Massachusetts municipalities 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.

The full announcement, including funding, eligibility and evaluation criteria that can be found on Commbuys and DER's website: <https://www.mass.gov/how-to/culvert-replacement-municipal-assistance-grant-program>

The application deadline for this grant opportunity is 5PM, MARCH 14, 2022.

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

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

2022

- **March 15, 2022 at 10 AM**
- **April 19, 2022 at 10 AM**
- **May 17, 2022 at 10 AM**
- **June 21, 2022 at 10 AM**