

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, January 18, 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 October 19, 2021 Old Colony MPO Meeting
4. Brockton Area Transit (BAT) Report
5. MassDOT District 5 Update on Projects Under Design or Construction
6. FFY 2022-2026 Old Colony Transportation Improvement Program (TIP) Adjustments and/ or Amendments
7. Performance Based Planning and MassDOT Proposed Calendar Year 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
8. High Priority Corridor Screening Assessment Overview
 - Scope of Work and Screening Criteria
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).

January 18, 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.”

January 18, 2022 Old Colony MPO Meeting
Agenda Item 2
Public Comments

Summary

Public comments.

January 18, 2022 Old Colony MPO Meeting
Agenda Item 3
Minutes of October 19, 2021 Old Colony MPO Meeting

Summary

The Old Colony MPO is respectfully asked to consider approval of the October 19, 2021 Old Colony MPO Meeting Minutes.

OLD COLONY METROPOLITAN PLANNING ORGANIZATION (MPO)

Minutes of the Old Colony MPO Virtual Meeting, October 19, 2021 - 10:00 A.M. Held Via Zoom

Signatories Present:

Brady Winsten, Representing Mayor Robert Sullivan, Brockton
Lee Hartmann, Representing Chairman Richard Quintal, Plymouth Select Board
Meredith Anderson, Vice-Chairman, West Bridgewater Board of Selectmen
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, OCPC

Others Present:

Kelly Forrester, BAT
Glenn Geiler, BAT
Dan McCormack, BETA Group
Andrew Reovan, FHWA
Valerie Massard, Kingston
Mary Ellen DeFrias, MassDevelopment
Michelle Ho, MassDOT
Barbara Lachance, MassDOT
Wesley Lickus, MassDOT
Derek Shooster, MassDOT
Lea Filson, See Plymouth
Shawn Bailey, OCPC
Ray Guarino, OCPC
Charles Kilmer, OCPC
Guoqiang Li, OCPC
Bill McNulty, OCPC
Kyle Mowatt, OCPC

1. Call to Order and Introductions

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

2. Public Comments

There were no public comments offered at this time.

3. Minutes of the August 17, 2021 Meeting

Chairperson Mohler asked the MPO Members for comments or changes regarding the minutes of the August 17, 2021 meeting.

OLD COLONY METROPOLITAN PLANNING ORGANIZATION (MPO)

Meredith Anderson made a motion and Michael Lambert seconded to endorse the minutes of the August 17, 2021 meeting.

There being no changes, the Old Colony MPO then voted unanimously via roll call vote to endorse the minutes of the August 17, 2021 Old Colony MPO Meeting.

4. Brockton Area Transit (BAT) Report

Michael Lambert stated that the BAT workforce is healthy and on the job, and around 85% vaccinated. In September, BAT surpassed 60% of pre-covid ridership levels for the first time since the outbreak.

The Legislature voted two weeks ago to override the Governor's veto that removed an additional \$3.5 Million dollars to RTAs statewide.

BAT recently wrapped up a project with OCPC looking at available space on service area roads for potential bus lanes. BAT is looking at its route to Ashmont to potentially provide bus lanes.

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

Barbara Lachance provided updates on projects under design or construction. The updates are as follows:

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

- MassDOT is awaiting a revised PS&E prior to advertising.

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

- Project is at 100% Design and MassDOT is awaiting PS&E submission which is schedule for this week.

STOUGHTON - CORRIDOR IMPROVEMENTS ON ROUTE 138

- Project is at 25% Design. A Comment Resolution Meeting has taken place, and the next step is the utility meeting, which is scheduled for October 28, 2021.

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

- Project is Pre 25% Design and the 25% submission is scheduled for November 2021.

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 came in during August and is under review by the MassDOT District 5.

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

- Project is at 25% Design and the next step is a utility meeting and design public hearing.

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

- Project is at 25% Design and the next steps are a utility site walk and a design public hearing.

ABINGTON - INTERSECTION IMPROVEMENTS AT HANCOCK STREET AND CHESTNUT STREET

- Project is at 25% Design and a comment resolution meeting and a utility site walk are needed prior to the design public hearing.

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

- Project is Pre 25% Design.

Construction Updates

PLYMOUTH - OBERY STREET

- Basically done and the contractor is finishing a couple punch list items.

EASTON - CORRIDOR IMPROVEMENT ON DEPOT STREET FROM NEWELL TO WASHINGTON ST (138)

- Contractor is working on granite curb installation and raising castings to grade.

EAST BRIDGEWATER - RESURFACING ON ROUTE 18 FROM WHITMAN ST TO CENTRAL ST

- Contractor is working on sidewalks and driveways.

6. FFY 2021-2025 Transportation Improvement Program (TIP) Amendments and/ or Adjustments

Chairperson Mohler reported that there are currently no Amendments and/ or Adjustments needed at this moment.

Chairperson Mohler announced that the FFY 2022-2026 STIP was approved by Federal Highway on Friday of last week.

7. Performance Based Planning and Brockton Area Transit (BAT) Transit Asset Management (TAM) Fiscal Year 2022 Transit State of Good Repair Targets

- **Presentation, Discussion, and Possible Adoption of the Proposed Set of Federally Required Performance Targets Pertaining to Transit State of Good Repair**

Michael Lambert stated that this is in response to a federal requirement designed to ensure state of good repair for transit authorities across the nation.

Kelly Forrester discussed the Performance Targets pertaining to transit state of good repair for FY 2022. The FFY 2022 targets are as follows:

Rolling Stock

- Buses
 - X% of fleet exceeds default Useful Life Benchmark (ULB) of 14

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- Performance Target for FY22 – 8%
- Cutaway Buses
 - X% of fleet exceeds default ULB of 10
 - Performance Target for FY22 – 25%
- Vans
 - X% of fleet exceeds default ULB of 8
 - Performance Target for FY22 – 13%

Equipment

- Non-Revenue – Service Automobile
 - X% of non-revenue service vehicles exceeds default ULB of 8
 - Performance Target for FY22 – 35%
- Non-Revenue – Service Truck
 - X% of non-revenue service vehicles exceeds default ULB of 8
 - Performance Target for FY22 – 40%

Facilities

- Admin/Maintenance Facility
 - X% of facilities rated under 3.0 on TERM scale
 - Performance Target for FY22 – 0%

Chairperson Mohler asked if there is a motion and a second to approve the BAT FY 2022 Performance Targets. A motion was made by Mary Waldron and seconded by Lee Hartmann.

The Old Colony MPO voted unanimously via roll call vote to approve the BAT FY 2022 Performance Targets Pertaining to Transit State of Good Repair.

8. Road Safety Audits (RSAs) at Multiple Locations Project

- **Review of FFY 2021 and Introduction to FFY 2022**

Bill McNulty provided a review of FFY 2021 RSAs Project and introduced FFY 2022 RSAs Project.

Through the Old Colony MPO's FFY 2021 Unified Planning Work Program, OCPC conducted Road Safety Audits at fifteen locations. RSAs were conducted in Abington, Bridgewater, Brockton, East Bridgewater, Easton, Hanover, Kingston, Plymouth, Stoughton, and West Bridgewater. These audits were a collaborative effort of multidisciplinary teams consisting of OCPC planners, local public safety, local elected and municipal officials, MassDOT, FHWA, BAT, and our legislative delegation of State Senators and State Representatives.

OCPC is looking forward to continuing this effort in the MPO's FFY 2022 UPWP. OCPC staff are currently reviewing their internal safety management system and coordinating with communities on site selection for FFY 2022.

Chairman Mohler inquired whether OCPC is tracking the implementation status of countermeasures identified in the Road Safety Audits. Bill McNulty responded that there is a general understanding of

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which countermeasures have been implemented, but that OCPC will begin formally tracking which countermeasures have been implemented.

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

Charles Kilmer announced that OCPC is hosting a Resilient Transportation and Climate Adaptation Summit on October 20, 2021 at 1 PM.

Charles Kilmer announced that the 2021 MassDOT Moving Together Virtual Conference will be held on December 7-9, 2021.

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

2021

- November 16, 2021 at 10 AM
- December 21, 2021 at 10 AM

2022

- January 18, 2022 at 10 AM
- 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 10:24 AM.

Respectfully submitted,

Kyle Mowatt

Kyle Mowatt, Senior Transportation Planner

List of Documents for the October 19, 2021 Old Colony MPO Meeting

- August 17, 2021, Old Colony MPO Meeting Minutes
- October 19, 2021 Old Colony MPO Meeting Agenda Item Staff Reports

January 18, 2022 Old Colony MPO Meeting
Agenda Item 4
Brockton Area Transit Authority (BAT) Report

Summary

Brockton Area Transit to provide report.

January 18, 2022 Old Colony MPO Meeting
Agenda Item 5
MassDOT District 5 Update on Projects Under Design or
Construction

Summary

Construction

- AVON - INTERSECTION IMPROVEMENTS AT HARRISON BOULEVARD AND POND STREET

- AVON & STOUGHTON - PAVEMENT PRESERVATION AND RELATED WORK ON ROUTE 24

- BROCKTON - CORRIDOR IMPROVEMENTS ON ROUTE 123 (BELMONT STREET), FROM ANGUS BEATON DRIVE TO WEST STREET

- EAST BRIDGEWATER - RESURFACING AND SIDEWALK CONSTRUCTION ON BEDFORD STREET (ROUTE 18), FROM WHITMAN STREET (ROUTE 106) TO CENTRAL STREET

- EASTON - CORRIDOR IMPROVEMENTS ON DEPOT STREET (ROUTE 123), FROM NEWELL CIRCLE TO WASHINGTON STREET (ROUTE 138)PEMBROKE - REHABILITATION OF ROUTE 36 (CENTER STREET) FROM ROUTE 27 TO ROUTE 14
- PEMBROKE - RESURFACING AND RELATED WORK ON ROUTE 53
- RAYNHAM - BRIDGEWATER- WEST BRIDGEWATER- BROCKTON- PAVEMENT PRESERVATION AND RELATED WORK ON ROUTE 24
- STOUGHTON - IMPROVEMENTS AT RICHARD L. WILKINS ELEMENTARY SCHOOL (SRTS)

Design

FFY 2023 PROJECTS:

- BROCKTON - INTERSECTION IMPROVEMENTS AND RELATED WORK AT CENTRE STREET (ROUTE 123), CARY STREET, AND LYMAN STREET (609410)
- STOUGHTON - CORRIDOR IMPROVEMENTS ON ROUTE 138 (607403) AC PHASE 1 OF
2

- STOUGHTON - INTERSECTION IMPROVEMENTS AND RELATED WORK AT CENTRAL STREET, CANTON STREET AND TOSCA DRIVE (608279)

FFY 2024 PROJECTS:

- BROCKTON - ROUTE 123 (CENTRE STREET) AT PLYMOUTH STREET SIGNALIZATION AND GEOMETRIC IMPROVEMENTS (609052)
- PLYMPTON - BRIDGE REPLACEMENT, WINNETUXET ROAD OVER WINNETUXET RIVER (609435)
- STOUGHTON - CORRIDOR IMPROVEMENTS ON ROUTE 138 (607403) AC PHASE 2 OF 2

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)
- EASTON - CORRIDOR IMPROVEMENTS ON ROUTE 138 INCLUDING INTERSECTION IMPROVEMENTS AT ROUTE 138 (WASHINGTON STREET) AND ELM STREET (608195)

FFY 2026 PROJECTS:

- ABINGTON - INTERSECTION IMPROVEMENTS AT HANCOCK STREET AND CHESTNUT STREET (609440)
- DUXBURY - SIGNAL INSTALLATION @ ROUTE 3 (NB & SB) RAMPS & ROUTE 3A (TREMONT STREET) (606002)
- HANSON - CORRIDOR IMPROVEMENTS ON ROUTE 14 (MAQUAN STREET), FROM THE PEMBROKE T.L. TO INDIAN HEAD STREET AND RELATED WORK (608506) AC Phase 1 of 2

CURRENTLY UNPROGRAMMED PROJECTS IN FFY 2022-2026 TIP

- ABINGTON - INTERSECTION IMPROVEMENTS, RANDOLPH STREET AND RICHARD A. FITTS DRIVE (ROUTE 139) AT CHESTNUT STREET AND OLD RANDOLPH STREET (612525)
- ABINGTON & BROCKTON - PEDESTRIAN AND BICYCLE IMPROVEMENTS ON ROUTE 123 (609520)
- AVON - CORRIDOR IMPROVEMENTS ON ROUTE 28 (610804)

- AVON - INTERSECTION IMPROVEMENTS AT ROUTE 28, SPRING STREET AND HARRISON BOULEVARD (611979)
- BROCKTON - IMPROVEMENTS ON FOREST AVENUE, FROM WEST STREET TO BREER STREET (612526)
- BROCKTON - INTERSECTION IMPROVEMENTS @ CRESCENT STREET (ROUTE 27)/ QUINCY STREET/ MASSASOIT BOULEVARD (606143)
- BROCKTON - INTERSECTION IMPROVEMENTS AT ROUTE 123 (BELMONT STREET), PEARL STREET AND STONEHILL STREET (612262)
- DUXBURY - BRIDGE REPLACEMENT, D-14-003 (438), POWDER POINT AVENUE OVER DUXBURY BAY (612006)
- EAST BRIDGEWATER - INTERSECTION IMPROVEMENTS AT BEDFORD STREET (ROUTE 18), WEST STREET (ROUTE 106) AND EAST STREET (611968)
- EAST BRIDGEWATER - INTERSECTION IMPROVEMENTS AT HIGHLAND STREET AND NORTH BEDFORD STREET (ROUTE 18) (611976)
- EASTON - RESURFACING AND RELATED WORK ON ROUTE 138 (ROOSEVELT CIRCLE TO STOUGHTON TOWN LINE) (608585)

- EASTON - IMPROVEMENTS ON FOUNDRY STREET (ROUTE 106/123) (612269)
- KINGSTON - BRIDGE REPLACEMENT, K-01-014, SMITHS LANE OVER ROUTE 3 (PILGRIM HIGHWAY) (608615)
- PEMBROKE - INTERSECTION IMPROVEMENTS AT WASHINGTON STREET AND SCHOOSSETT STREET (611978)
- STOUGHTON - INTERSECTION IMPROVEMENTS AT CANTON STREET (ROUTE 27), SCHOOL STREET AND SUMMER STREET (611981)
- STOUGHTON - RECONSTRUCTION OF TURNPIKE STREET (607214)

January 18, 2022 Old Colony MPO Meeting
Agenda Item 6
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.

January 18, 2022 Old Colony MPO Meeting

Agenda Item 7

Performance Based Planning and MassDOT Proposed Calendar Year 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

Summary

Performance - Based Planning and Programming: Performance management is a strategic approach that uses performance data to inform decision-making and outcomes. When implemented effectively, performance management can improve project and program delivery, inform investment decisions, focus staff on leadership priorities, and provide greater transparency and accountability.

Federal transportation legislation includes provisions to make the Federal surface transportation more streamlined, performance-based, and multimodal, and to address challenges facing the U.S. transportation system, including improving safety, maintaining infrastructure condition, reducing traffic congestion, improving efficiency of the system and freight movement, protecting the environment, and reducing delays in project delivery. The FAST Act builds on the changes made by MAP-21.

In a series of rulemakings, FHWA and FTA established national performance measures in areas such as safety, infrastructure condition, congestion, system reliability, emissions, and freight movement. The Final Rule on Metropolitan and Statewide and Non-Metropolitan Planning establishes the requirement that states, MPOs, and operators of public transportation use performance measures to document expectations for future performance. The following is a summary for the PM1, PM2, and PM3 Performance Measure Targets:

- State DOT Performance Measure targets required for the following:
 - PM1 - Safety Measures
 - PM2 - Pavement/ Bridge Performance (NHS condition %)
 - PM3 - System Performance Measures (CMAQ, Freight, and Emissions)

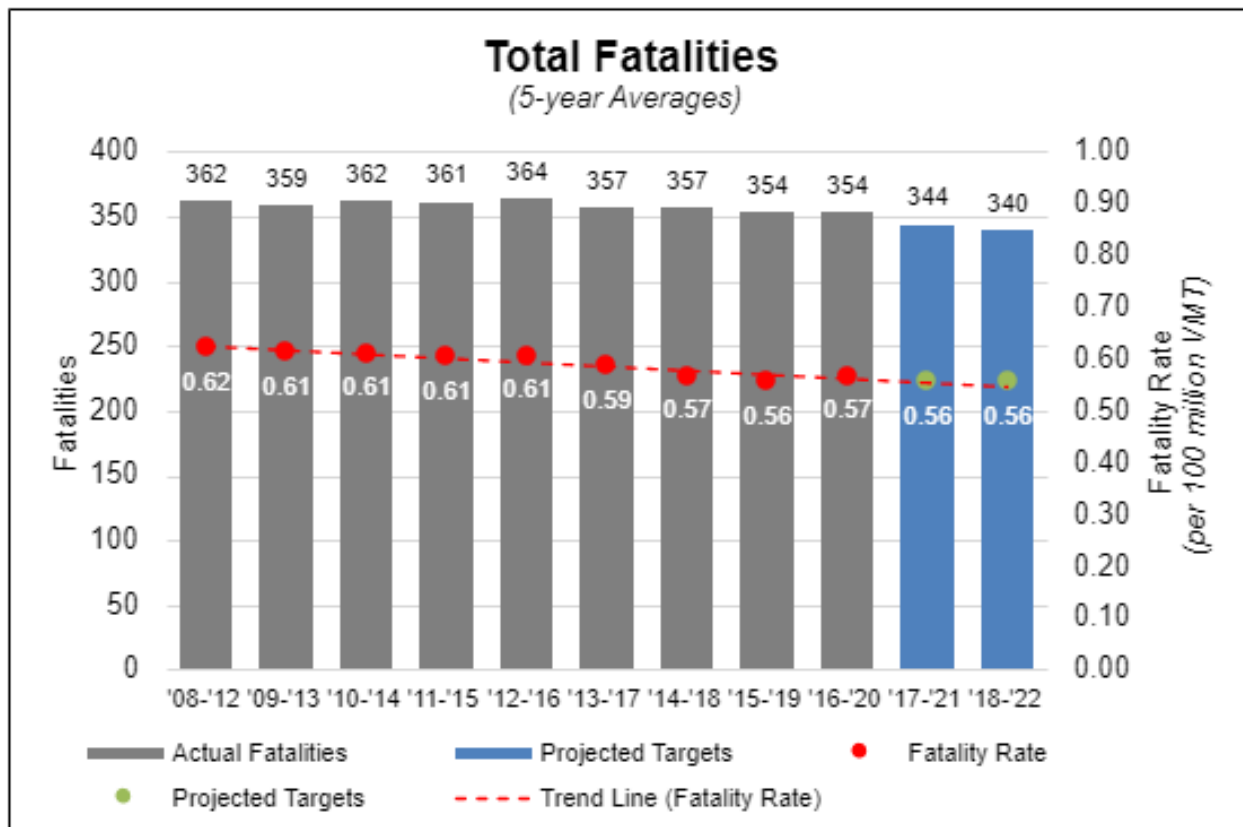
- Requires coordination of target setting with MPOs:
 - MPOs establish their own set of quantifiable performance targets or MPOs adopt state performance targets (for the entire Commonwealth - no quantifiable targets required for region)
 - Either way, MPOs must set targets, and incorporate them into Certification Documents

Following the presentation and discussion, the Old Colony MPO is respectfully requested to consider adoption of the proposed set of federally required Performance Safety Measures (PM1) for Calendar Year 2022.

MassDOT CY22 Safety Performance Measure Targets (PM1)

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

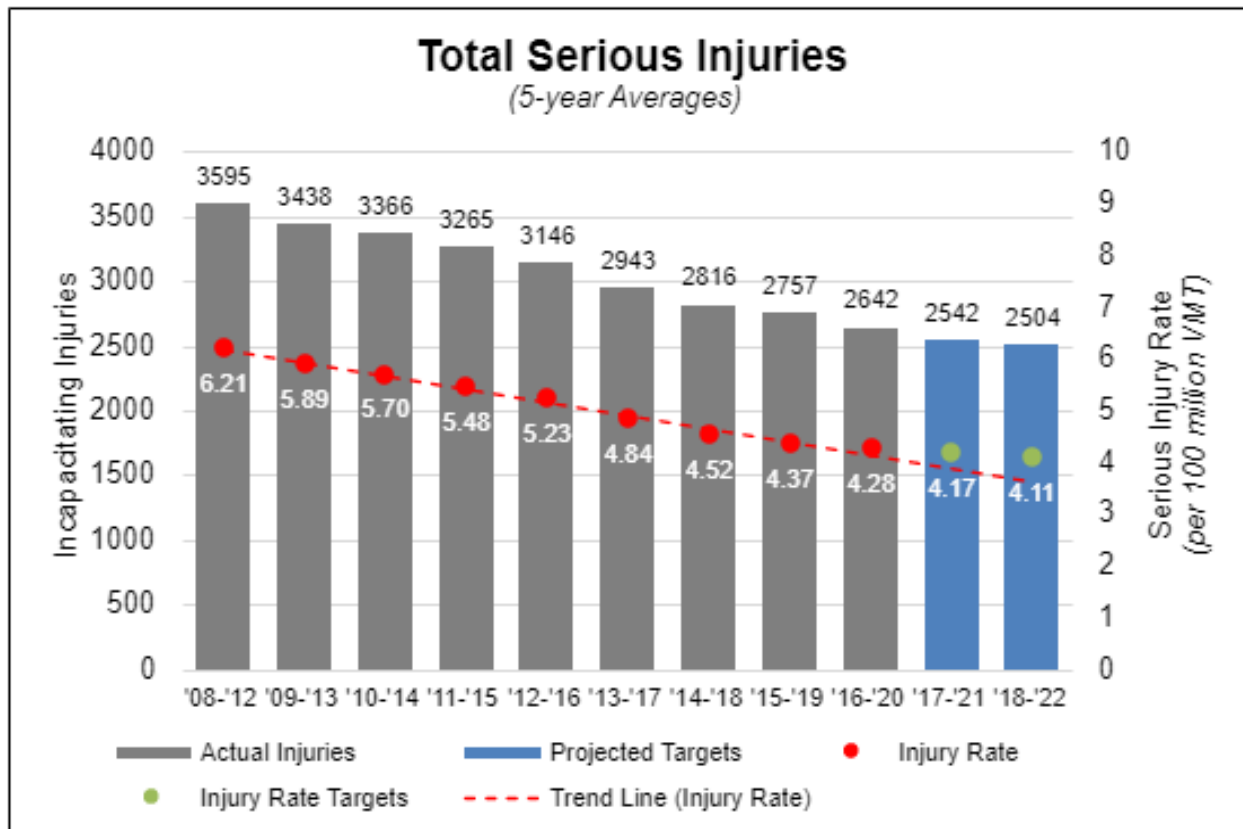
Fatality Rate: The fatality rate represents five-year average fatalities divided by five-year average VMTs. The COVID-19 pandemic greatly impacted VMT, causing fatality rates to spike in 2020 with significantly lower VMT and slightly higher fatalities. The 2022 projection is now 0.56 fatalities per 100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



MassDOT CY22 Safety Performance Measure Targets (PM1)

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

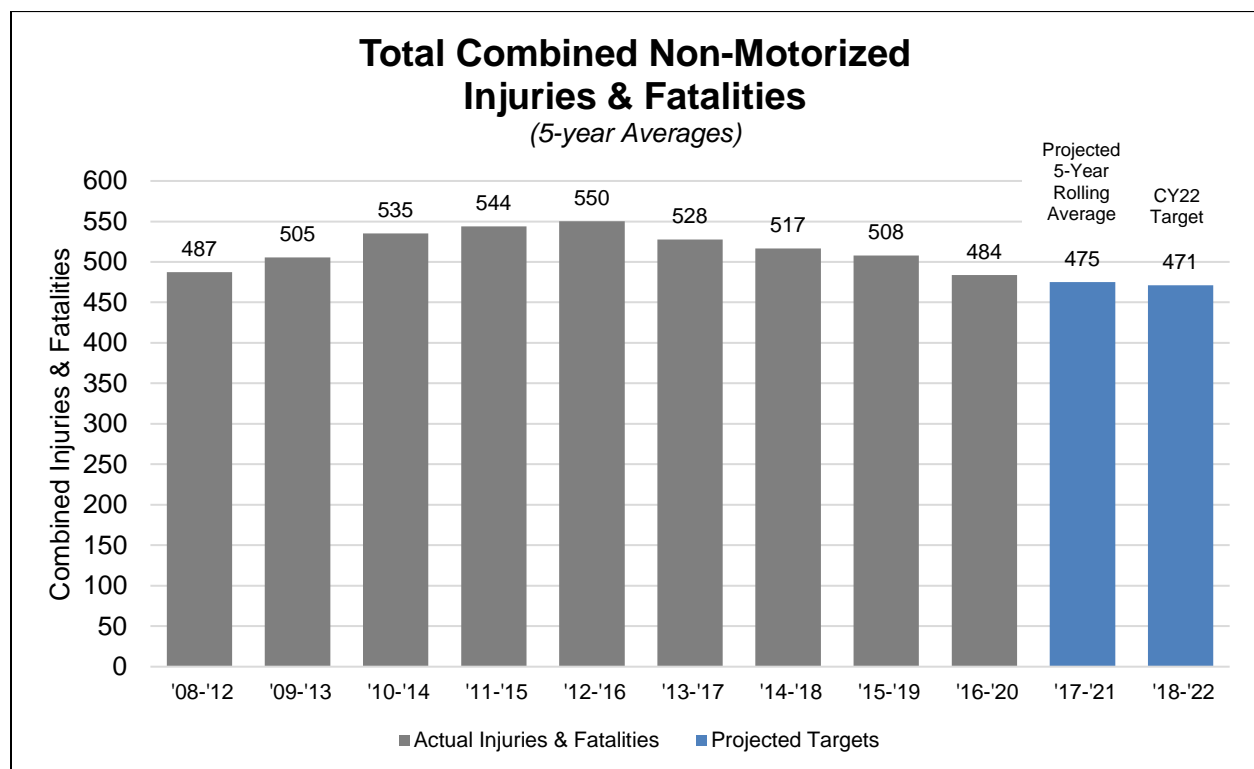
Serious Injuries Rate: Similar to the fatality rate, it is anticipated that the downward trend line will result in a drop in the rate of serious injuries from 4.28 per 100 million VMT between 2017–2021 to 4.11 between 2018–2022. Five-year VMT data were used between 2018 – 2022 to calculate this rate.



MassDOT CY22 Safety Performance Measure Targets (PM1)

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

It is important to note that the inclusion criteria have changed for non-motorists. This year, the non-motorist type "not reported" was removed because, based on manual inspection, it appears that many of the persons in this category were not actually pedestrians or bicyclists but were bystanders (e.g. people who were in buildings when the building was struck by a vehicle). However, due to data quality and the ability, need and resources to manually review crashes, this field may continue to evolve.



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

Statewide																			
Fatalities																			
	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019*	2020*	2021 (to obtain 2022 target)	2022 - target
Total Annual Fatalities	476	441	429	434	364	340	347	374	383	351	354	344	387	347	355	336	345	336	328
5 Year Average Fatalities	-	-	-	-	428.8	401.6	382.8	371.8	361.6	359	361.8	361.2	363.8	356.6	357.4	353.8	354.0	343.8	340
Non-Motorist Fatalities	93	84	67	79	88	52	78	76	99	86	84	93	88	84	82	82	64	83	81
VMTS (in 100,000,000)	577.52	583.51	579.32	579.38	573.71	577.51	575.25	579.80	590.33	595.88	609.02	604.52	605.62	626.60	667.72	648.90	536.95	571	623
Fatality Rate	0.82	0.76	0.74	0.75	0.63	0.59	0.60	0.65	0.65	0.59	0.58	0.57	0.64	0.55	0.53	0.52	0.64	0.59	0.53
5 Year Average Fatality Rate	-	-	-	-	0.74	0.69	0.66	0.64	0.62	0.61	0.61	0.61	0.61	0.59	0.57	0.56	0.57	0.56	0.56
Serious Injuries																			
	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019*	2020*	2021 (to obtain 2022 target)	2022 - target
Total Annual Serious Injuries	5034	5052	4579	4182	3983	3392	3437	3577	3587	3197	3031	2931	2983	2573	2560	2738	2358	2,483	2,384
5 Year Average Serious Injuries	-	-	-	-	4566	4237.6	3914.6	3714.2	3595.2	3438	3365.8	3264.6	3145.8	2943	2815.6	2757	2642.4	2,542	2,504
Non-Motorist Serious Injuries	370	319	329	333	340	363	403	427	511	432	479	433	447	413	381	437	340	410	402
VMTS (in 100,000,000)	577.52	583.51	579.32	579.38	573.71	577.51	575.25	579.80	590.33	595.88	609.02	604.52	605.62	626.60	667.72	648.90	536.95	571	623
Serious Injury Rate	8.72	8.66	7.90	7.22	6.94	5.87	5.97	6.17	6.08	5.37	4.98	4.85	4.93	4.11	3.83	4.22	4.39	4.35	3.83
5 Year Average Serious Injury Rate	-	-	-	-	7.89	7.32	6.78	6.44	6.21	5.89	5.70	5.48	5.23	4.84	4.52	4.37	4.28	4.17	4.11
Non-Motorist Fatalities and Serious Injuries																			
	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019*	2020*	2021 (to obtain 2022 target)	2022 - target
Non-Motorist Fatalities and Serious Injuries	463	403	396	412	428	415	481	503	610	518	563	526	535	497	463	519	404	493	483
Motorist Fatalities and Serious Injuries 5 Year Average	-	-	-	-	420.4	410.8	426.4	447.8	487.4	505.4	535	544	550.4	527.8	516.8	508	484	475	471

NOTES
 1.) The fatality and serious injury data contained here was developed to align with the data included within MassDOT's 2021 annual Highway Safety Improvement Program (HSIP) report. As such, historical data may be different from what was reported in prior years.

*2019 and 2020 data is as of 05-07-21

Old Colony Planning Council (OCPC)

Fatalities

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019*	2020*
Total Annual Fatalities	39	34	24	29	25	24	24	26	23	36	28	28	23	30	22	25	23
5 Year Average Fatalities	-	-	-	-	30.2	27.2	25.2	25.6	24.4	26.6	27.4	28.2	27.6	29	26.2	25.6	24.6
Non-Motorist Fatalities	9	4	2	4	5	3	4	4	6	7	10	7	3	6	2	6	6
VMTS (in 100,000,000)	37.11	37.50	37.23	37.23	36.87	37.11	36.97	37.26	37.94	38.29	39.14	38.85	38.91	34.95	37.65	36.96	30.58
Fatality Rate	1.05	0.91	0.64	0.78	0.68	0.65	0.65	0.70	0.61	0.94	0.72	0.72	0.59	0.86	0.58	0.68	0.75
5 Year Average Rate	-	-	-	-	0.81	0.73	0.68	0.69	0.66	0.71	0.72	0.74	0.71	0.76	0.69	0.68	0.69

Serious Injuries

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019*	2020*
Total Annual Serious Injuries	386	385	380	284	335	313	321	306	291	287	240	268	262	206	230	197	175
5 Year Average Serious Injuries	-	-	-	-	354	339.4	326.6	311.8	313.2	303.6	289	278.4	269.6	252.6	241.2	232.6	214
Non-Motorist Serious Injuries	25	20	15	15	14	32	25	27	32	29	31	21	25	21	21	29	20
VMTS (in 100,000,000)	37.11	37.50	37.23	37.23	36.87	37.11	36.97	37.26	37.94	38.29	39.14	38.85	38.91	34.95	37.65	36.96	30.58
Serious Injury Rate	10.40	10.27	10.21	7.63	9.09	8.43	8.68	8.21	7.67	7.50	6.13	6.90	6.73	5.89	6.11	5.33	5.72
5 Year Average Serious Injury Rate	-	-	-	-	9.52	9.13	8.81	8.41	8.41	8.09	7.62	7.27	6.98	6.64	6.36	6.21	5.98

Non-Motorist Fatalities and Serious Injuries

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019*	2020*
Non-Motorist Fatalities and Serious Injuries	34	24	17	19	19	35	29	31	38	36	41	28	28	27	23	35	26
Non-Motorist Fatalities and Serious Injuries 5 Year Average	-	-	-	-	22.6	22.8	23.8	26.6	30.4	33.8	35	34.8	34.2	32	29.4	28.2	27.8

NOTES

1.) The fatality and serious injury data contained here was developed to align with the data included within MassDOT's 2020 annual Highway Safety Improvement Program (HSIP) report. As such, historical data may be different from what was reported in prior years.

2.) In prior years, only bicyclist and pedestrian data were included as part of the target setting process for the non-motorist fatality and serious injuries category. More recently, it was determined that this category would include other non-motorists, including skaters and users of wheelchairs and other mobility devices. The data in this spreadsheets reflects these additional users.

***2019 and 2020 data is as of
6/8/2021**

January 18, 2022 Old Colony MPO Meeting

Agenda Item 8

High Priority Corridor Screening Assessment Status Report

Summary

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 present proposed Project Evaluation Criteria matrix and project development process and timeline for today's January 6th 2022 meeting. Staff will also illustrate some examples of new data sources.

Staff will identify, rank, and inform the selection process for locations to conduct corridor studies that will then inform the Long-Range Transportation Plan Needs Assessment in 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.

Topics:

1. Project Overview
2. Review of Project Evaluation Criteria matrix for project scoring
3. Data Resources and scoring development methods

4. Timeline for project process and products

Proposed Project Evaluation Criteria Components:

1. Capacity(Congestion)
2. Safety
3. Bicycle and Pedestrian Accommodation
4. Climate Resilience
5. Criticality Factor (supporting the land use and business)
6. Transit Operation
7. Transportation Equity (Environmental Justice)
8. Implementation Potential
9. Physical Conditions

Data and Analysis Resources:

1. Travel Demand Model (in house/various data resources)
2. RITIS(INRIX), MS2, Conveyal (licensed with MassDOT)
3. IMPACT Portal (Public information)
4. Google Traffic Archive (Private enterprise application)
5. Synchro & SimTraffic Simulation (in house)

High Priority Corridor Study Screening Assessment

Old Colony MPO Meeting - Agenda Item 8

Guoqiang Li, PTP

Principal Transportation Planner

Old Colony Planning Council

January 18, 2022

Agenda

- Project Overview
- Review of Project Evaluation Criteria matrix Framework
- Project Scoring methods and Data resources
- Project timeline and products
- Q&A

Goals & Objectives

- Performance-based, specific and quantifiable
- Data driven, rapid advancement of big data technologies
- Multi-modal planning, consideration of non-motorized transportation modes, and transit
- Comprehensive and inclusive
- Align with Federal and State Performance Measurement policies

Facts

Purposes	Determining priorities for future corridor assessment, first step for projects planning
Scope	Focus on major and minor arterial roads
Quality control	Data driven, but require technical analysis and verification
Process	It is a incremental, continuous, and inclusive process
Transparency	Traffic analysis, data process and scoring results are open resource and public record
Outcome	We will provide information for equitable and effective decision making

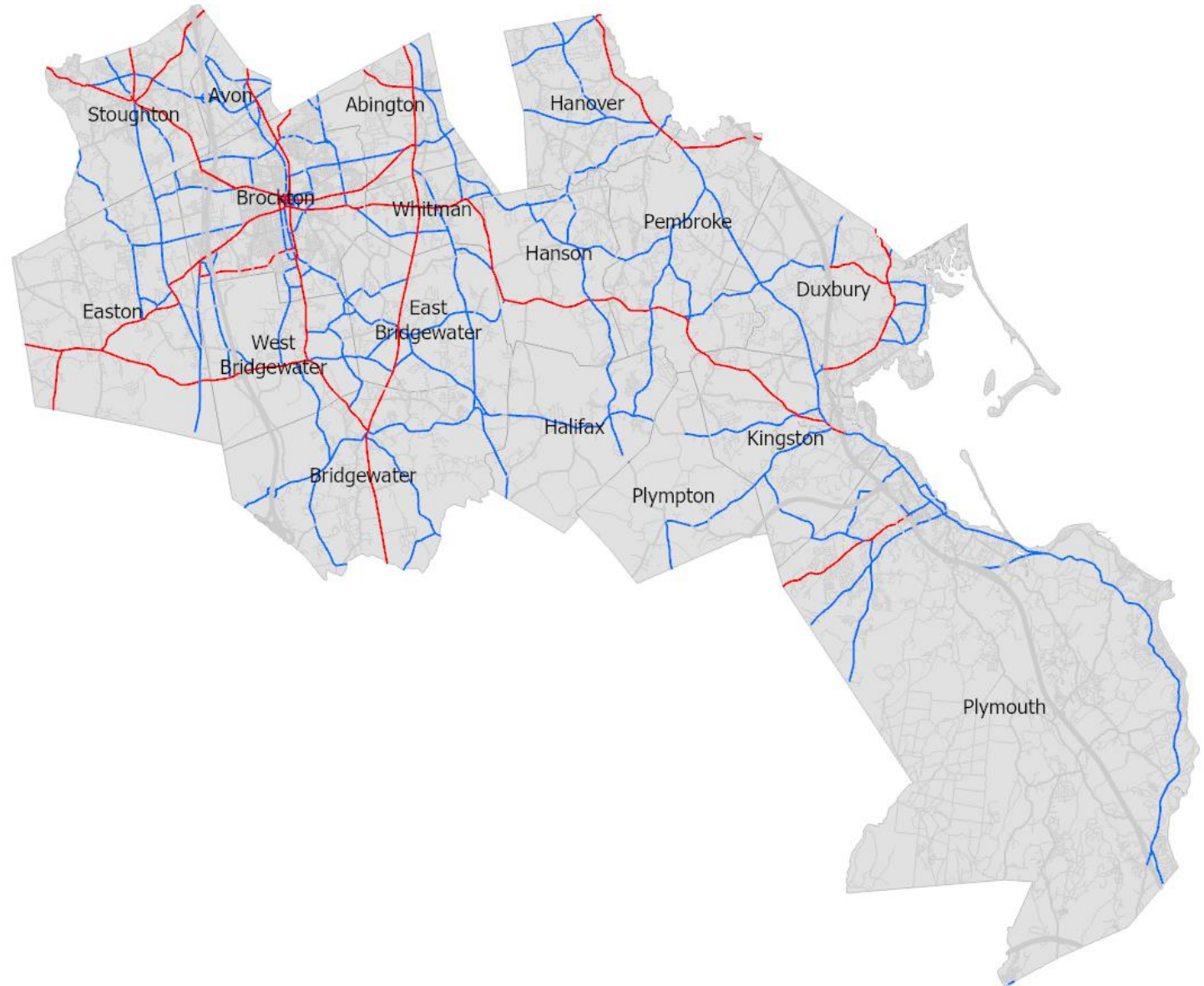
Scope of Geographic Area

OCPC Regional Road Network Lane Mileage

OCPC region: total 4169.41

- Interstate: total 7.08
- Arterial: total 979.65
- Collector: total 545.73
- Local: 2636.94

* Road Inventory Report Summary (Year of 2022)



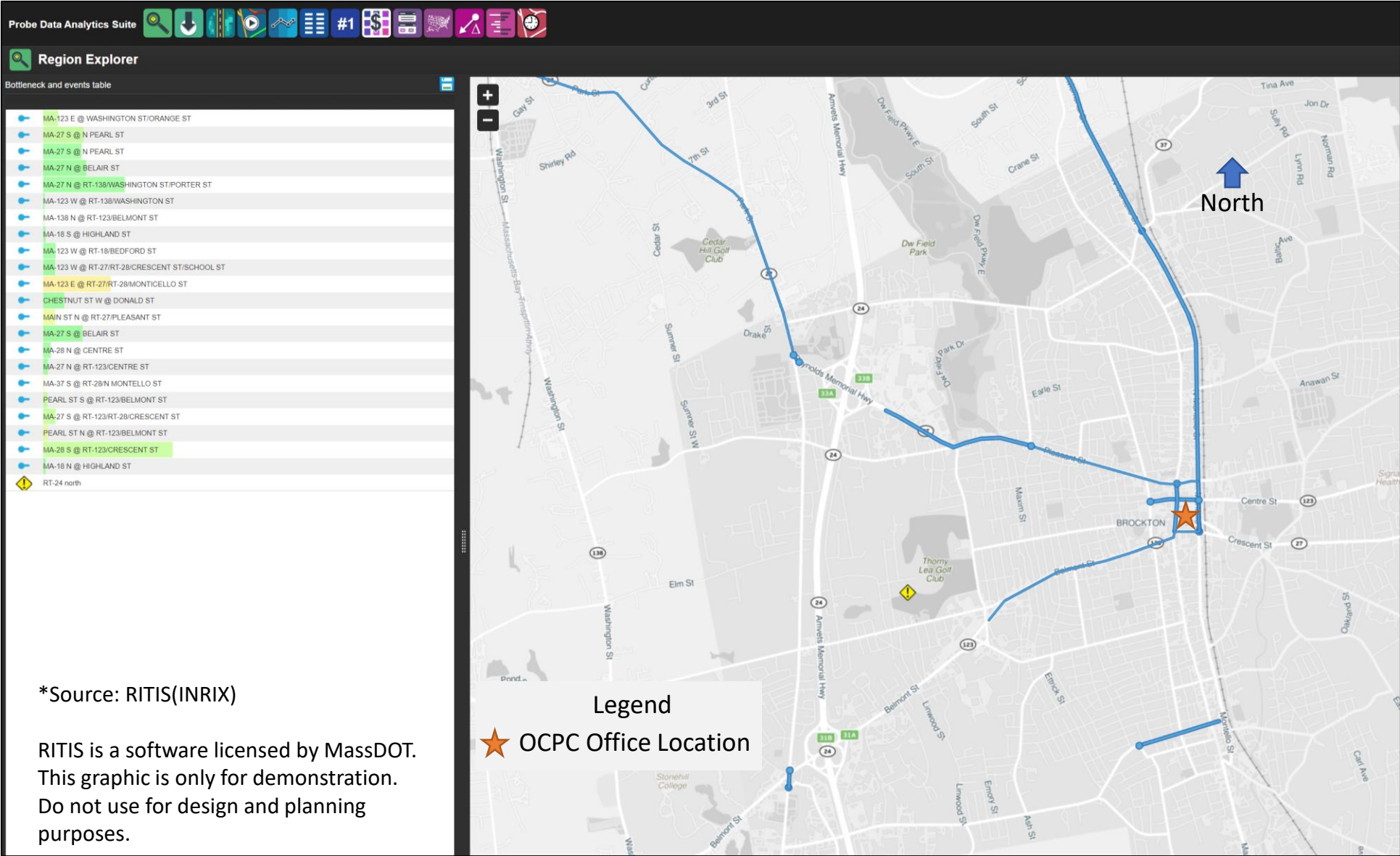
Corridor Evaluation Criteria Matrix Framework(Draft)

Catogory		Unit	Criteria	Resources
Basic Conditions	Location(Town, route, starting points-intersections)	Text	Text	GIS/Study/TDM
	Length	Mile	Text	GIS/Study
	Lane mile	Mile	Text	GIS/Study/Roadinventory
	Center lane mile	Mile	Text	GIS/Study
	2020 ADT	Vehicles/Day	Text	OCPC Traffic Count/MS2
	2040 ADT	Vehicles/Day	Text	Travel Demand Model
Capacity Management	Daily LOS/Delay	A-F	0-5 by LOS/Delay	Synchro and SimTraffic Analysis
	Peak hour LOS/Delay	A-F	0-5by LOS/delay	Synchro
Safety	EPDO	Number	0-5 by EPDO Value	Formula available
	Segment crash rate	Rate	0-5by segment crash rate	Formula available
	HSIP cluster (normal/vehicle)	-	Yes/NO	IMPACT/Various
	HSIP Cluster (Bicycle)	-	Yes/NO	IMPACT/Various
	HSIP Cluster (Pedestrian)	-	Yes/NO	GeoDOT Archive data
	Intersection Crash rate per million entering vehicles	Rate	0-5 by intersection crash rate	Formula available
Bicycle & Pedestrian	Accessiblity(Bike Accessibility-LOS)	LOS	0-5 by condition	GeoDOT Archive data
	Bicycle Facility	-	Yes/NO	GeoDOT Archive data
	Complete Street proritization plan	-	Yes/NO	GeoDOT Archive data/MassDOT
	Sidewalk	-	Yes/NO	GeoDOT Archive data
Climate Resilience	Climate impact	based on the flood plain	0,3,5	FEMA mapping
Criticality Factor	Land use/business	Distance/Business/Activities	0-5 by condition	GIS
Transit Service	Fixed route bus/arrival adherence	Rate	0-5 by condition	Transit map/schedule
	Proximity to commuter rail	Distance	0-5 by condition	Transit map/schedule
Transportation Equity	Environmental Justice	-	Yes/NO	GIS/Census
	Previous study (3 yrs)	-	Yes/NO	Studies
Implementation potential	PRC appoval	-	Yes/NO	GIS map/study
	Needs previous identified	Rate	0-5 by condition	Studies
	Stakeholder support	-	Yes/NO	Studies
Physical Conditions	Pavement Condition	OCI/IRI	0-5 by condition	Cartegraph/Road Inventory
	Bridge rating	Rate	0-5 by condition	GeoDOT/MassDOT
	Bridge function obsolete	-	Yes/NO	GeoDOT/MassDOT
	Bridge structure deficient	-	Yes/NO	GeoDOT Archive data/MassDOT

Data Resources

- Travel Demand Model (development in house and incorporate with potential resources, including state models)
- Synchro & SimTraffic modeling and Simulation analysis
- RITIS, MS2, Conveyal (licensed with MassDOT)
- IMPACT Crash Data Portal (Public Information)
- Google Traffic Archive (Private Enterprise Platform)
- Other (GeoDOT)

Analysis of Congestion Bottlenecks



Estimated Timeline for Project Completion

- Develop GIS database to manage candidate project scoring *January 2022*
- Verify traffic data, update Synchro and SimTraffic Simulation by *March 2022*
- Develop base year Travel Demand Model to verify volume and travel time results by *March 2022*
- Develop and validate network scoring by *April 2022*
- Select final projects by *May 2022*
- Develop technical reports, maps and results summary by *June 2022*
- Provide project presentation by *July 2022*
- Gather comments and suggestions *by August 2022*
- Final project completion by *September 30th, 2022*

Acronym

- ADT: Average Daily Traffic
- GeoDOT: Geographic Information System on-line platform provided by MassDOT
- HSIP: Highway Safety Improvement Program
- IMPACT: MassDOT Crash Portal
- LOS: Level of Service
- MS2: MassDOT Transportation Data Management System
- OCI: Overall Condition Index for describing pavement conditions
- RITIS: Regional Integrated Transportation Information System, cloud-based transportation data platform, including real-time and historical travel speed and congestion data

Thank you

- Q&A
- Project Contacts:
 - Guoqiang Li, Principal Transportation Planner
 - gli@ocpcrpa.org
 - Ray Guarino, Principal Transportation Planner
 - rguarino@ocpcrpa.org

January 18, 2022 Old Colony MPO Meeting

Agenda Item 9

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

Summary

Correspondence

Correspondence from Mayor Robert Sullivan, Brockton, 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.



City of Brockton

Office of the Mayor

ROBERT F. SULLIVAN

Mayor

November 8, 2021

Jamey L. Tesler
Secretary of Transportation & CEO
Massachusetts Department of Transportation
10 Park Plaza
Suite 4160
Boston, MA 02116

Dear Secretary Tesler:

Our commuter rail system is at an inflection point. Traffic congestion is returning to Metro Boston and Southeastern Massachusetts, but ridership remains low on commuter rail. Thankfully, the MBTA has taken a strong step in the right direction by introducing more frequent all-day service system-wide. We believe now is the time to invest in the Old Colony commuter rail lines and re-evaluate fare structures. We write today for your support in funding for these critical initiatives.

The Greenbush, Kingston/Plymouth, and Middleborough/Lakeville lines are constrained by five miles of single track of the Old Colony Main Line in Dorchester and Quincy. This constraint will only worsen with the opening of South Coast Rail in 2023.

As TransitMatters' recent report on upgrading the Old Colony system finds, strategic double track at JFK/UMass and Quincy Center stations, along with reconfiguring the Red Line junction at Savin Hill, will allow for greatly improved throughput of trains. With electrification, these investments will ultimately allow each of the three lines to accommodate a train every half hour, each way.

As the Commonwealth will soon receive an influx of funding, it is an opportune time to invest in the transportation infrastructure of Southeastern Massachusetts. This way, we can reduce congestion, and create equitable access to the rail system. We appreciate your attention to this urgent matter.

Sincerely,

Scott Lambiase Town Manager Town of Abington	Michael Dutton Town Manager Town of Bridgewater	Robert F. Sullivan Mayor City of Brockton	Paul Coogan Mayor City of Fall River
Deborah Pettey Town Administrator Town of Freetown	Lisa Green Town Administrator Town of Hanson	Tom Mayo Town Manager Town of Hingham	Melissa Arrighi Town Manager Town of Plymouth
Brian P. Howard Town Manager Town of Randolph	Karen E. Connolly Chair, Selectboard Town of Scituate	Shaunna O'Connell Mayor City of Taunton	Lincoln Heineman Town Administrator Town of Whitman

"City of Champions"



ROBERT F. SULLIVAN

Mayor

City of Brockton

Office of the Mayor

C: Governor Charlie Baker
Steve Poflak, MBTA General Manager
Jarred Johnson, TransitMatters

“City of Champions”

CITY HALL: 45 SCHOOL STREET BROCKTON MA 02301

APA-MA Housing & Community Development Committee Lunchtime Conversation Meeting - Americans with Disabilities Act (ADA) and Section 504

The APA-MA Housing & Community Development Committee is offering a “Lunchtime Conversation” meeting on **Tuesday, January 18, 2022 at noon**. Our January 2022 topic: the **Americans with Disabilities Act (ADA) and Section 504**. These federal laws require municipalities to conduct a self-evaluation and develop a transition plan. We will discuss the importance of ensuring that people with disabilities can fully participate in municipal life and we will review the process of conducting a self-evaluation and developing a transition plan. Special attention will be paid to accessibility assessments and planning for outdoor spaces – a topic that may be helpful to many of you that are updating or soon will be updating your Open Space and Recreation Plan.

Registration in advance is required. This is the registration link:

<https://us02web.zoom.us/meeting/register/tZUpdu6vqD8vH9XMsZ-7R1CEUbWzwBvuyczo>

Shared Streets and Spaces Funding Round Now Open

The Shared Streets and Spaces Funding Program is a funding program that supports quick-launch improvements to public health, safe mobility, and strengthened commerce. Every municipality and public transit authority is eligible to apply.

Administered by the Massachusetts Department of Transportation (MassDOT), the program provides funding to municipalities and public transit authorities to quickly implement improvements to plazas, sidewalks, curbs, streets, bus stops, parking areas, and other public spaces in support of public health, safe mobility, and strengthened commerce. Building on the success of the program first launched as a response to the COVID-19 pandemic during the summer of 2020, the program continues to be an integral funding source for communities as they address ongoing challenges and seek to improve their transportation infrastructure.

The application deadline is March 1, 2022. Additional funding for public transit is available, as well as for bike share projects, as part of this round. All of the information is available here: <https://www.mass.gov/info-details/program-overview-shared-streets-and-spaces-grant-program#program-deadlines->.

2022 MassTrails Program - Grant Round Now Open

MassTrails provides matching grants to communities, public entities and non-profit organizations to plan, design, create, and maintain the diverse network of trails, trail systems, and trails experiences used and enjoyed by Massachusetts residents and visitors.

Applications are accepted annually for a variety of well-planned trail projects benefiting communities across the state. Applications must be submitted online by 11:59 p.m., Tuesday, February 1, 2022. No hardcopy or emailed applications will be accepted.

MassTrails provides grants to support recreational trail and shared use pathway projects across the Commonwealth. The award maximum depends on the project type and needs and is generally \$50,000 for “local” projects and up to \$300,000 for projects demonstrating critical network connections of regional or statewide significance.

Eligible grant activities include project development, design, engineering, permitting, construction, and maintenance of recreational trails, shared use pathways, and the amenities that support trails.

For more information please visit: <https://www.mass.gov/guides/masstrails-grants> or contact Amanda Lewis, MassTrails Program Manager, at 617-645-8314 or at amanda.lewis@mass.gov

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

- **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**