

FFY 2022 OLD COLONY UNIFIED PLANNING WORK PROGRAM (UPWP)

SECOND QUARTER PROGRESS REPORT
January 2022, February 2022, and March 2022

April 27, 2022

PREPARED UNDER MASSDOT CONTRACT #114676
OLD COLONY PLANNING COUNCIL
70 SCHOOL STREET, BROCKTON, MA 02301

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**FFY 2022 OLD COLONY UPWP SECOND QUARTER PROGRESS REPORT
OLD COLONY PLANNING COUNCIL (OCPC)**

1.0 - INTRODUCTION AND SUMMARY

The Old Colony Planning Council (OCPC) has prepared the FFY 2022 Old Colony Unified Planning Work Program (UPWP) Second Quarter Progress Report that provides the Progress and Products accomplished during January, February and March 2022. The Second Quarter Report also provides financial information regarding the Combined PL 5303 expenditures through MassDOT Contract #114676.

The Old Colony Metropolitan Planning Organization (MPO) is responsible for conducting a continuing, cooperative, and comprehensive transportation planning process that results in plans, programs, and projects that encompass all transportation modes and that support the region's vision and communities' goals. The Old Colony MPO plans for the movement of both people and goods within the region by all modes of travel, including highways, rail, public transportation, bicycles, and foot. It also plans for the connections linking these modes.

The FFY 2022 Old Colony Unified Planning Work Program (UPWP) describes and provides budgetary information for the transportation planning tasks and activities, which are to be conducted in the region during the coming year. The Old Colony Planning Council (OCPC) has the responsibility of preparing the UPWP and conducting the tasks contained here within. The planning activities are organized first by task element in a format that will allow efficient administration, management, and reporting. For convenience in management, similar tasks are grouped into the following elements:

- 1000 - Management and Support of the Planning Process and Certification Activities
- 2000 - Data Reconnaissance, Acquisition, and Analysis Activities
- 3000 - Short Range and Long Range Transportation Planning Activities
- 4000 - Other Transportation Technical Activities

The FFY 2022 Old Colony UPWP efforts focus on the development of the Road Safety Audits (RSAs) at Multiple Locations Project, the High Priority Corridor Screening Assessment Study, and the Freight Planning and Action Plan, the Performance Management and related Performance Measures and Target development, continued development of the Regional Travel Demand Model (TransCAD), operation of the Congestion Management Process, operation of the Safety Management System, operation of the Pavement Management System, and the development of the Transportation Improvement Program. Attention also focuses on the regional multi-modal data surveillance program (including counting of bicycles and pedestrians, developing an inventory of gaps in the bicycle network, and developing an index of regional bikeability), maintaining regional databases, adjusting and amending certification documents as needed, and implementing the management systems. OCPC continues to incorporate the Geographic Information Systems into various tasks and plans undertaken.

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Aside from the planned activities contained in the FFY 2022 UPWP, the staff adapted and continued to respond to the COVID-19 Pandemic by continuing virtual public engagement for meetings of the Old Colony JTC, Old Colony MPO, and Public Meetings. On June 16, 2021, Governor Baker signed into law An Act Extending Certain COVID-19 Measures Adopted During the State of Emergency. The remote meeting provisions of his March 12, 2020, Executive Order Suspending Certain Provisions of the Open Meeting Law until July 15, 2022. The staff also continued tracking of traffic volume trends compared to stages of Massachusetts Re-Opening Phases and have posted this information to the OCPC Website at: http://www.ocpcrpa.org/traffic_during_covid.html. With the continuation of the traffic counting program, staff completed the requested MassDOT Traffic Count Program and conducted traffic counts as part of the Local Technical Assistance Program and several locations to monitor local traffic trends. Furthering the adaptation, was the continued research on the applications of Unmanned Aerial Vehicles (UAVs) commonly referred to as “drones.”

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2.0 - FFY 2022 OLD COLONY UPWP FIRST QUARTER EXPENDITURES

Table 1 provides a summary of the Second Quarter Expenditures by UPWP Task under contract #114676. The Table 1 also provides Year to Date Expenditures.

**Table 1
FFY 2022 Old Colony UPWP Summary of Second Quarter Expenditures**

Task #	Task Description	Second Quarter Expenses	UPWP Annual Budget	Year to Date	
				Expenses	To Date % Expenses
1000	Management & Support of the 3C and Certification Activities				
1100	3C Program Support	\$15,842.47	\$60,000.00	\$30,854.70	3.22%
1200	Unified Planning Work Program (UPWP)	\$3,580.18	\$14,000.00	\$6,093.53	0.64%
1300	Public Participation Program (PPP)	\$15,600.50	\$61,000.00	\$29,264.61	3.05%
1400	Transportation Improvement Program (TIP)	\$11,829.38	\$42,000.00	\$21,257.61	2.22%
1500	Title VI and Environmental Justice	\$5,523.93	\$44,000.00	\$11,126.35	1.16%
	Subtotals	\$52,376.46	\$221,000.00	\$98,596.80	10.28%
2000	Data Collection and Analysis Activities				
2100	Demographic Surveillance & Road Inventory	\$2,985.59	\$20,000.00	\$8,819.78	0.92%
2200	Multi-Modal Data Surveillance and Monitoring	\$26,322.36	\$87,000.00	\$48,067.46	5.01%
2300	System Planning Resource Activities	\$10,929.39	\$48,000.00	\$23,435.17	2.44%
2400	Geographic Information System (GIS)	\$17,298.85	\$64,000.00	\$37,549.43	3.91%
2500	Management Systems and Travel Demand Model	\$24,238.46	\$96,000.00	\$57,479.02	5.99%
	Subtotals	\$81,774.64	\$315,000.00	\$175,350.87	18.28%
3000	Long Range Trans. Planning Activities				
3100	Regional Traffic Studies, ITS, and, Int. Planning	\$17,908.92	\$75,000.00	\$37,178.20	3.88%
3200	Local Highway Technical Assistance	\$20,236.30	\$85,000.00	\$37,115.84	3.87%
3300	RSAs at Multiple Locations	\$20,723.72	\$88,201.00	\$37,979.67	3.96%
3400	High Priority Corridor Study Screening Assessment	\$18,501.80	\$55,000.00	\$32,550.68	3.39%
3500	Freight Planning and Action Plan	\$18,239.76	\$60,000.00	\$24,792.88	2.58%
3600	Performance Based Planning	\$3,495.32	\$20,000.00	\$9,488.25	0.99%
	Subtotals	\$99,105.83	\$383,201.00	\$179,105.52	18.67%
4000	Long Range Trans. Planning Activities				
4100	Transit Technical Assistance	\$4,661.57	\$40,000.00	\$12,429.95	1.30%
	Subtotals	\$4,661.57	\$40,000.00	\$12,429.95	1.30%
TOTAL		\$237,918.50	\$959,201.00	\$465,483.14	48.53%

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3.0 - FFY 2022 OLD COLONY UPWP SECOND QUARTER TASK PROGRESS AND PRODUCTS

The following is a reporting of the progress and products accomplished during the FFY 2022 Second Quarter. Included in the summary is information on the task schedule and reflection on potential for completing said task.

Task 1100: 3C Program Support

Progress and Products:

- Old Colony Planning Council Board of Directors conducted election of a Chief Elected Official (Select Board Member or Town Council Member) from a community with a population more than 15,000 to serve as a Signatory Member on the Old Colony Metropolitan Planning Organization (MPO).
- Staff attended and participated in 2022 MassDOT/ MARPA Annual Meeting.
- Staff attended and participated in External Stakeholder Bipartisan Infrastructure Law Webinar (FTA).
- Staff attended and participated in Old Colony and FHWA Coordination Meeting regarding Federal Land Management Agencies (FLMAs).
- Staff attended and participated in Old Colony Planning Council Board of Directors Meeting - Election of MPO Signatory.
- Staff attended and participated in three (3) Old Colony Metropolitan Planning Organization (MPO) Meetings.
- Staff attended and participated in three (3) Old Colony Joint Transportation Committee (JTC) Meetings.
- Staff attended and participated in three (3) Transportation Program Managers Group (TMG) Meetings.
- Staff completed Transportation Planning Certification Review Action Plan Status Report as of March 31, 2021.
- Staff conducted tasks such as invoicing, staff meetings, trainings, personnel evaluations, and professional development, etc.
- Staff completed process to seek an Elected Official (Select Board Member or Town Council Member) from a community with a population more than 15,000 to serve as a Signatory Member on the Old Colony Metropolitan Planning Organization (MPO). Election took place at January 26, 2022 OCPC Board Meeting.
- Staff monitored EEA MEPA reviews/ scoping sessions and provided review/comments on ENFs & EIRs undergoing review, as appropriate.
- Staff reviewed EEA# 16383 - West Bridgewater - Lincoln Park (FEIR).

Meeting(s)

- Transportation Program Managers Group Meeting
January 4, 2022
Taunton, MA (Virtual)
FHWA, FTA, MassDOT, MPOs, RPAs

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- Old Colony Joint Transportation Committee (JTC) Meeting
January 6, 2022
Brockton, MA (Virtual)
Old Colony JTC, BAT, MA Safe Routes to School, MassDevelopment, MassDOT, Communities, Stakeholders

- External Stakeholder Bipartisan Infrastructure Law Webinar (FTA)
January 7, 2022
Washington, D.C. (Virtual)
FTA, MPOs, Stakeholders

- Old Colony Metropolitan Planning Organization (MPO) Meeting
January 18, 2022
Brockton, MA (Virtual)
Old Colony MPO, BAT, Abington, Brockton, East Bridgewater, Pembroke, FHWA, Independence Associates, MassDevelopment, MassDOT, Stakeholders

- Old Colony Planning Council Board of Directors Meeting - Election of MPO Signatory
January 26, 2022
Brockton, MA (Hybrid)
OCPC Board of Directors, OCPC

- 2022 MassDOT/ MARPA Annual Meeting
January 28, 2022
Boston, MA (Virtual)
FHWA, FTA, MassDOT, RPAs, MPOs

- Transportation Program Managers Group Meeting
February 1, 2022
Taunton, MA (Virtual)
FHWA, FTA, MassDOT, MPOs, RPAs

- Old Colony Joint Transportation Committee (JTC) Meeting
February 3, 2022
Brockton, MA (Virtual)
Old Colony JTC, BAT, State Representative DuBois, Brockton Ward 5 Councilor Thompson, MA Safe Routes to School, MassDevelopment, MassDOT, Metro South Chamber of Commerce, Communities, United Way – Greater Plymouth, Stakeholders

- Old Colony Metropolitan Planning Organization (MPO) Meeting
February 15, 2022
Brockton, MA (Virtual)

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Old Colony MPO, BAT, Abington, East Bridgewater, Hanson, FHWA, MA Safe Routes to School, MassDevelopment, MassDOT, Stakeholders

- Old Colony and FHWA Coordination Meeting Regarding Federal Land Management Agencies (FLMAs)
February 17, 2022
Cambridge, MA (Virtual)
FHWA, OCPC
- Transportation Program Managers Group Meeting
March 1, 2022
Taunton, MA (Virtual)
FHWA, FTA, MassDOT, MPOs, RPAs
- Old Colony Joint Transportation Committee (JTC) Meeting
March 3, 2022
Brockton, MA (Virtual)
Old Colony JTC, BAT, State Representative DuBois, MassDevelopment, MassDOT, Metro South Chamber of Commerce, Communities, Stakeholders
- Old Colony Metropolitan Planning Organization (MPO) Meeting
March 15, 2022
Brockton, MA (Virtual)
Old Colony MPO, BAT, Abington, Avon, Pembroke, FHWA, MassDOT, Stakeholders

Schedule:

- Management and support activities to be conducted on a continuing basis throughout the program year.

Task 1200: Unified Planning Work Program (UPWP)

Progress and Products:

- Staff attended Old Colony Metropolitan Planning Organization (MPO) Meeting and discussed UPWP Universe of Projects.
- Staff completed FFY 2022 Old Colony UPWP First Quarter Progress Report.
- Staff completed FFY 2022 Old Colony UPWP Invoice and Progress Report (December).
- Staff completed FFY 2022 Old Colony UPWP Invoice and Progress Report (January).
- Staff completed FFY 2022 Old Colony UPWP Invoice and Progress Report (February).
- Staff continued development of FFY 2023 Old Colony UPWP.
- Staff implemented and monitored FFY 2022 Old Colony UPWP.

Meeting(s)

- Old Colony Metropolitan Planning Organization (MPO) Meeting

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OLD COLONY PLANNING COUNCIL (OCPC)**

March 15, 2022
Brockton, MA (Virtual)
Old Colony MPO, BAT, Abington, Avon, Pembroke, FHWA, MassDOT, Stakeholders

Schedule:

- FFY 2023 UPWP is under development on will be on track for endorsement by July 2022.
- FFY 2022 UPWP Monthly Invoices and Progress Reports are prepared and submitted to MassDOT within 30 days of the close of the month.
- FFY 2022 UPWP First Quarter Progress Report was prepared and submitted to MassDOT within 30 days of the close of the reporting period.

Task 1300: Public Participation

Progress and Products:

- Staff attended and participated in two (2) Every Day Counts (EDC) Virtual Public Involvement Committee Meeting.
- Staff attended and participated in three (3) Old Colony Joint Transportation Committee Meetings.
- Staff attended and participated in three (3) Old Colony Metropolitan Planning Organization (MPO) Meetings.
- Staff completed the 2021 Measures of Effectiveness (MOE) Report and posted to OCPC website.
- Staff continued effort to review and expand contact list for public outreach.
- Staff continued efforts to develop website, newsletter articles, and outreach materials through media outlets.
- Staff continued to implement pro-active public participation process as identified in the Old Colony Public Participation Plan and updated the Transportation Advisory Network (TAN) Outreach Contact List.

Meeting(s):

- Old Colony Joint Transportation Committee (JTC) Meeting
January 6, 2022
Brockton, MA (Virtual)
Old Colony JTC, BAT, MA Safe Routes to School, MassDevelopment, MassDOT, Communities, Stakeholders
- Old Colony Metropolitan Planning Organization (MPO) Meeting
January 18, 2022
Brockton, MA (Virtual)
Old Colony MPO, BAT, Abington, Brockton, East Bridgewater, Pembroke, FHWA, Independence Associates, MassDevelopment, MassDOT, Stakeholders

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- Old Colony Joint Transportation Committee (JTC) Meeting
February 3, 2022
Brockton, MA (Virtual)
Old Colony JTC, BAT, State Representative DuBois, Brockton Ward 5 Councilor Thompson, MA Safe Routes to School, MassDevelopment, MassDOT, Metro South Chamber of Commerce, Communities, United Way - Greater Plymouth, Stakeholders

- Every Day Counts (EDC) Virtual Public Involvement Committee Meeting
February 3, 2022
Boston, MA (Virtual)
FHWA, MassDOT, MPOs

- Old Colony Metropolitan Planning Organization (MPO) Meeting
February 15, 2022
Brockton, MA (Virtual)
Old Colony MPO, BAT, Abington, East Bridgewater, Hanson, FHWA, MA Safe Routes to School, MassDevelopment, MassDOT, Stakeholders

- Old Colony Joint Transportation Committee (JTC) Meeting
March 3, 2022
Brockton, MA (Virtual)
Old Colony JTC, BAT, State Representative DuBois, MassDevelopment, MassDOT, Metro South Chamber of Commerce, Communities, Stakeholders

- Old Colony Metropolitan Planning Organization (MPO) Meeting
March 15, 2022
Brockton, MA (Virtual)
Old Colony MPO, BAT, Abington, Avon, Pembroke, FHWA, MassDOT, Stakeholders

Schedule:

- Task activities to be conducted throughout the program year.
- 2021 Measures of Effectiveness Report completed.

Task 1400: Transportation Improvement Program (TIP)

Progress and Products:

- Staff attended and participated in BIL TIP Project Funding Coordination Meeting with MassDOT District 5.
- Staff attended and participated in Brockton Route 27, Quincy Street, and Massasoit Boulevard Project (606143) Coordination Meeting.
- Staff attended and participated in Easton - Foundry Street (612269) Pre-25% Design Meeting.

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- Staff attended and participated in three (3) Old Colony Metropolitan Planning Organization (MPO) Meetings.
- Staff attended and participated in Randolph - Route 24 Over Canton Street Bridge Project (612188) Design Public Hearing (DPH).
- Staff attended and participated in Stoughton Route 138 TIP Project (607403) Design Public Hearing (DPH).
- Staff attended and participated in three (3) Old Colony Joint Transportation Committee (JTC) Meetings.
- Staff attended and participated in TIP Readiness Day.
- Staff contacted communities and prepared for TIP Project Readiness Day, and then completed TIP Project Readiness Days Sheet and provided to MassDOT.
- Staff continued development of FFY 2023-2027 Old Colony TIP.
- Staff continued to implement and monitor status of FFY 2022-2026 Old Colony TIP, and discussed implementation with communities, BAT, and MassDOT.
- Staff developed CMAQ Submission Forms for three projects.
- Staff developed tracking system to track effects of TIP investment.

Meeting(s):

- Old Colony Joint Transportation Committee (JTC) Meeting
January 6, 2022
Brockton, MA (Virtual)
Old Colony JTC, BAT, MA Safe Routes to School, MassDevelopment, MassDOT, Communities, Stakeholders
- Old Colony Metropolitan Planning Organization (MPO) Meeting
January 18, 2022
Brockton, MA (Virtual)
Old Colony MPO, BAT, Abington, Brockton, East Bridgewater, Pembroke, FHWA, Independence Associates, MassDevelopment, MassDOT, Stakeholders
- Old Colony Joint Transportation Committee (JTC) Meeting
February 3, 2022
Brockton, MA (Virtual)
Old Colony JTC, BAT, State Representative DuBois, Brockton Ward 5 Councilor Thompson, MA Safe Routes to School, MassDevelopment, MassDOT, Metro South Chamber of Commerce, Communities, United Way - Greater Plymouth, Stakeholders
- TIP Readiness Day
February 8, 2022
Boston, MA (Virtual)
MassDOT, OCPC

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- Randolph - Route 24 Over Canton Street Bridge Project (612188) Design Public Hearing (DPH)
February 10, 2022
Boston, MA (Virtual)
MassDOT, OCPC, Communities, Stakeholders

- Old Colony Metropolitan Planning Organization (MPO) Meeting
February 15, 2022
Brockton, MA (Virtual)
Old Colony MPO, BAT, Abington, East Bridgewater, Hanson, FHWA, MA Safe Routes to School, MassDevelopment, MassDOT, Stakeholders

- Stoughton Route 138 TIP Project (607403) Design Public Hearing (DPH)
February 16, 2022
Boston, MA (Virtual)
MassDOT, OCPC, Communities, Stakeholders

- Easton - Foundry Street (612269) Pre-25% Design Meeting
March 1, 2022
Taunton, MA (Virtual)
Easton, MassDOT, OCPC, Consultant

- Brockton Route 27, Quincy Street, and Massasoit Boulevard Project (606143) Coordination Meeting
March 2, 2022
Brockton, MA (Virtual)
Brockton, Massasoit Community College, OCPC

- Old Colony Joint Transportation Committee (JTC) Meeting
March 3, 2022
Brockton, MA (Virtual)
Old Colony JTC, BAT, State Representative DuBois, MassDevelopment, MassDOT, Metro South Chamber of Commerce, Communities, Stakeholders

- Old Colony Metropolitan Planning Organization (MPO) Meeting
March 15, 2022
Brockton, MA (Virtual)
Old Colony MPO, BAT, Abington, Avon, Pembroke, FHWA, MassDOT, Stakeholders

- BIL TIP Project Funding Coordination Meeting with MassDOT District 5
March 31, 2022
Taunton, MA (Virtual)
MassDOT, OCPC

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Schedule:

- FFY 2023-2027 Old Colony TIP is on schedule. On January 28, 2022, the Annual MARPA-MassDOT Meeting will take place and this includes collaboration on TIP guidance, development and funding targets. TIP Readiness Day took place February 8, 2022. At their March 15, 2022 meeting, the Old Colony MPO Selected the Preferred Set of Projects and staff began preparing the full TIP document for presentation and potential release to a public review and comment period at the April 19, 2022 Old Colony MPO Meeting.
- Implementation of the FFY 2022-2026 TIP is on schedule as all of the programmed highway projects have been advertised for construction bids by MassDOT in the first Quarter of FFY 2021. Staff is ready to develop amendments and administrative modifications, as necessary.

Task 1500: Title VI and Environmental Justice (EJ)
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Progress and Products:

- Staff attended and participated in APA-MA Webinar - Americans with Disabilities Act (ADA) and Section 504.
- Staff attended and participated in three (3) Old Colony Metropolitan Planning Organization (MPO) Meeting.
- Staff attended and participated in three (3) Old Colony Joint Transportation Committee (JTC) Meetings.
- Staff continued analyzing Census Data, language, LEP, safe routes to school, walk to transit, transit routes, as part of the Title VI and Environmental Justice analyses and inclusion in metropolitan transportation planning process.
- Staff continued Reflections, Opportunities, and Actions (ROA) Task Force.
- Staff continued review of U.S. DOT Order 1000.12C - Title VI Program.
- Staff continued reviewing Title VI and Environmental Justice FTA Circulars.
- Staff reviewed and refined Transportation Advisory Network (TAN) Outreach Contact List.

Meeting(s):

- Old Colony Joint Transportation Committee (JTC) Meeting
January 6, 2022
Brockton, MA (Virtual)
Old Colony JTC, BAT, MA Safe Routes to School, MassDevelopment, MassDOT, Communities, Stakeholders
- APA-MA Webinar - Americans with Disabilities Act (ADA) and Section 504
January 18, 2022
Boston, MA (Virtual)
APA-MA, Communities, RPAs, Stakeholders

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- Old Colony Metropolitan Planning Organization (MPO) Meeting
January 18, 2022
Brockton, MA (Virtual)
Old Colony MPO, BAT, Abington, Brockton, East Bridgewater, Pembroke, FHWA, Independence Associates, MassDevelopment, MassDOT, Stakeholders

- Old Colony Joint Transportation Committee (JTC) Meeting
February 3, 2022
Brockton, MA (Virtual)
Old Colony JTC, BAT, State Representative DuBois, Brockton Ward 5 Councilor Thompson, MA Safe Routes to School, MassDevelopment, MassDOT, Metro South Chamber of Commerce, Communities, United Way - Greater Plymouth, Stakeholders

- Old Colony Metropolitan Planning Organization (MPO) Meeting
February 15, 2022
Brockton, MA (Virtual)
Old Colony MPO, BAT, Abington, East Bridgewater, Hanson, FHWA, MA Safe Routes to School, MassDevelopment, MassDOT, Stakeholders

- Old Colony Joint Transportation Committee (JTC) Meeting
March 3, 2022
Brockton, MA (Virtual)
Old Colony JTC, BAT, State Representative DuBois, MassDevelopment, MassDOT, Metro South Chamber of Commerce, Communities, Stakeholders

- Old Colony Metropolitan Planning Organization (MPO) Meeting
March 15, 2022
Brockton, MA (Virtual)
Old Colony MPO, BAT, Abington, Avon, Pembroke, FHWA, MassDOT, Stakeholders

Schedule:

- Task activities are to be conducted throughout the year. Awaiting guidance on Annual Title Reporting.

Task 2100: Demographic Surveillance and Road Inventory Update

Progress and Products:

- Staff attended and participated in Census 2020: Implications for FTA Grant Programs Webinar.
- Staff attended and participated in three (3) Socioeconomic Projections Committee Meetings.
- Staff completed acquiring zoning by-laws/ ordinances, zoning base districts, and zoning overlay districts for all communities and then provided to said information to MassDOT.

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- Staff continued review of 2020-2040 LRTP socio-economic projections.
- Staff continued reviewing Road Inventory File, Chapter 90 allocations, and related data sets.
- Staff continued to conduct demographic analyses for ongoing projects.
- Staff continued to review socio-economic data and traffic related data, and respond to requests, as appropriate.
- Staff reviewed and updated existing projects and/ or added new projects from Old Colony Region into MassBuilds database.

Meeting(s):

- Census 2020: Implications for FTA Grant Programs Webinar
January 26, 2022
Washington, D.C. (Virtual)
FTA, US Census, MPOs, Stakeholders
- Socioeconomic Projections Committee Meeting
February 9, 2022
Boston, MA (Virtual)
FHWA, MassDOT, MPOs, UMass Donahue Institute
- Socioeconomic Projections Committee Meeting
March 9, 2022
Boston, MA (Virtual)
FHWA, MassDOT, MPOs, UMass Donahue Institute

Schedule:

- Task activities are to be conducted throughout the year.

Task 2200: Multi-Modal Transportation System Data Surveillance and System Monitoring

Progress and Products:

- Staff attended and participated in two (2) Bridgewater State University (BSU) GeoGraphics Lab Visit - Drone Missions.
- Staff attended and participated in Drone Unmanned Aircraft Systems (UAS) Opportunity Coordination Meeting with Bridgewater State University (BSU).
- Staff completed Draft 1991-2021 Old Colony Traffic Volumes Report.
- Staff continued monitoring and preparation of traffic trends summary during pandemic utilizing MassDOT MS2.
- Staff continued Peak Hour Research and Analysis to gauge shifts since the onset of COVID-19.
- Staff continued research on unmanned aerial vehicle (UAV) (drone) applicability for data collection.
- Staff continued to update traffic volumes database and intersection database.

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- Staff monitored implementation of Data Collection Operations and Safety Manual and developed refinements.
- Staff uploaded MassDOT - RPA Traffic Counting Program Counts and Turning Movement Counts to MS2.

Meeting(s):

- Drone Unmanned Aircraft Systems (UAS) Opportunity Coordination Meeting with Bridgewater State University (BSU)
February 5, 2022
Brockton, MA
Bridgewater State University, OCPC
- Bridgewater State University (BSU) GeoGraphics Lab Visit (Drone)
February 22, 2022
Bridgewater, MA
Bridgewater State University (BSU), OCPC
- Bridgewater State University (BSU) GeoGraphics Lab Visit - Drone Mission
March 29, 2022
Brockton, MA
Bridgewater State University, OCPC

Schedule:

- Tasks to be conducted throughout the year.
- The calendar year 2021 traffic counting program has concluded. Counting of requested locations as part of MassDOT Program are completed and on schedule. Staff will conduct annual test of traffic counter equipment in April 2022 and commence traffic counts soon thereafter.
- The Year End 2021 Traffic Volume Report is being developed and completion is April 2022.

Task 2300: System Planning and Resource Activities
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Progress and Products:

- Staff attended and participated in 2022 ITE Virtual Spring Conference.
- Staff attended and participated in GeoDOT Local Presentation to MPOs.
- Staff continued staff knowledge development and training.
- Staff continued to maintain and update website and social media.
- Staff continued to provide information technology (IT) support.
- Staff provided hardware support and upgrade for transportation computers as needed.

Meeting(s):

- GeoDOT Local Presentation to MPOs

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March 11, 2022
Boston, MA (Virtual)
MassDOT, MPOs

- 2022 ITE Virtual Spring Conference
March 15-16, 2022
Washington, D.C. (Virtual)
ITE, MPO, Stakeholders

Schedule:

- Tasks to be conducted throughout the year.

Task 2400: Geographic Information System (GIS)
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Progress and Products:

- Staff continued research on ESRI drone software (Drone Deploy).
- Staff produced and refined multiple GIS product(s):
 - Acquisition and provision of zoning by-laws for all communities, examination of zoning and overlays, editing and data quality check, and then provision to MassDOT
 - BAT Ridership Report Map Series
 - Compiled crash data from 2017-2021 and prepared for mapping
 - Crashes involving trucks 2018-2021 Map
 - Data export of roadways with address location information for BAT
 - Drafted proposals for parcel development program for communities
 - Existing Trails Network
 - Freight Area Framework Map
 - Freight Operations Map
 - Kingston Thickly Settled District Analysis
 - Locations of Volume-to-Capacity Roadways Map
 - Regional Bicycle Shops Map
 - Regional Freight Operators Map; Speed Regulations in Kingston Map
 - Stitched drone imagery of Billington Street, Plymouth

Meeting(s):

- None

Schedule:

- Tasks to be conducted throughout the year.

Task 2500: Management Systems (Congestion, Land Use, Pavement & Safety), and Travel Demand Modeling

Progress and Products:

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- Staff attended and participated in 2023 MA SHSP Virtual Summit: Planning for Zero Deaths.
- Staff attended and participated in Cartegraph - GO Live Support Meetings.
- Staff attended and participated in three (3) Data Users Group (DUG) Meeting.
- Staff attended and participated in SHSP Emphasis Area Meeting - Bicyclists.
- Staff attended and participated in SHSP Emphasis Area Meeting - Driver Distraction.
- Staff attended and participated in SHSP Emphasis Area Meeting - Heavy Trucks.
- Staff attended and participated in SHSP Emphasis Area Meeting - Intersections.
- Staff attended and participated in SHSP Emphasis Area Meeting - Lane Departure.
- Staff attended and participated in SHSP Emphasis Area Meeting - Older Drivers.
- Staff attended and participated in SHSP Emphasis Area Meeting - Pedestrians.
- Staff attended and participated in SHSP Emphasis Area Meeting - Speeding/ Aggressive Driving.
- Staff completed assessment of potentials tablets for Cartegraph field data collection activities, and then worked with Verizon Representative on next steps.
- Staff continued compiling, reviewing, and developing Travel Demand Model files by using TransCAD (documents, files, forecasts).
- Staff continued congestion, safety, and pavement related analyses for transportation studies.
- Staff continued data research from Census, CTPP and ACS data platforms in support of Socioeconomic Projection Committee initiatives, through coordination with Caliper and research in ACS and Census website.
- Staff continued development of Safety Management System (SMS) (reviewing of measures identifying safety issues at high hazard locations through a data collection effort, which includes, but is not limited to the following: conducting turning movement counts, reviewing crash diagrams, calculating crash rates, vehicle volume studies, vehicle speed studies, vehicle classification studies and pedestrian studies).
- Staff continued multiple data collection activities, as appropriate - level of service analyses, volumes, and commuter lot utilization, as appropriate.
- Staff continued preparation and development of base year travel demand model.
- Staff continued review of existing Congestion Management Process (CMP) plans and programs and analyzing results of monitoring.
- Staff developed Base Year Travel Demand Model including: 1. Constructed new generation TAZ model by gathering 2016-2020 5-year average American Community Survey Data release date through Caliper. 2. Studied traffic network data in preparation of Travel Demand Model development. 3. Constructed Base Year Traffic Network by using 2019 MassDOT Road Inventory File, including de-selecting non-model links. 4. Constructed external stations network nodes and links.
- Staff developed congested locations list and map based on the findings from volume and capacity ratio analysis and estimation.
- Staff ordered two (2) tablets for Cartegraph field data collection activities, and worked with Verizon Representative on next steps.

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- Staff prepared Travel Demand Model Technical Memorandum including information of development process and user training material.
- Staff reviewed and compiled Socioeconomic data with TransCAD in preparation of Travel Demand Model updates in preparation of base year model Trip Generation Model.
- Staff updated Safety Management System tracking of EPDO on federal-aid eligible intersections in the Old Colony region with 2019-2021 data.
- Staff utilized RITIS to research and acquire information on non-recurring congestion for inclusion in congestion management process.

Meeting(s):

- Cartegraph - GO Live Support Meeting
January 10, 2022
Dubuque, IA (Virtual)
Cartegraph, OCPC
- Data Users Group (DUG) Meeting
January 12, 2022
Worcester, MA (Virtual)
MassDOT, MPOs, Stakeholders
- Cartegraph - GO Live Support Meeting
January 24, 2022
Dubuque, IA (Virtual)
Cartegraph, OCPC
- 2023 MA SHSP Virtual Summit: Planning for Zero Deaths
January 25, 2022
Boston, MA (Virtual)
MassDOT, MPOs, RPAs, Communities, Stakeholders
- Data Users Group (DUG) Meeting
February 9, 2022
Worcester, MA (Virtual)
MassDOT, MPOs
- Data Users Group (DUG) Meeting
March 9, 2022
Worcester, MA (Virtual)
MassDOT, MPOs
- SHSP Emphasis Area Meeting – Bicyclists
March 15, 2022

**FFY 2022 OLD COLONY UPWP SECOND QUARTER PROGRESS REPORT
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Boston, MA (Virtual)
MassDOT, MPOs

- SHSP Emphasis Area Meeting - Pedestrians
March 15, 2022
Boston, MA (Virtual)
MassDOT, MPOs
- SHSP Emphasis Area Meeting - Heavy Trucks
March 16, 2022
Boston, MA (Virtual)
MassDOT, MPOs
- SHSP Emphasis Area Meeting - Lane Departure
March 18, 2022
Boston, MA (Virtual)
MassDOT, MPOs
- SHSP Emphasis Area Meeting – Intersections
March 18, 2022
Boston, MA (Virtual)
MassDOT, MPOs
- SHSP Emphasis Area Meeting - Driver Distraction
March 22, 2022
Boston, MA (Virtual)
MassDOT, MPOs
- SHSP Emphasis Area Meeting - Older Drivers
March 22, 2022
Boston, MA (Virtual)
MassDOT, MPOs
- SHSP Emphasis Area Meeting - Speeding/ Aggressive Driving
March 23, 2022
Boston, MA (Virtual)
MassDOT, MPOs

Schedule:

- Management Systems and processes to be conducted throughout the year.
- Road Safety Audits and analyses to be completed by end of September 2022 and are on schedule.
- Spring commuter parking utilization counts are planned for April 2022.

**FFY 2022 OLD COLONY UPWP SECOND QUARTER PROGRESS REPORT
OLD COLONY PLANNING COUNCIL (OCPC)**

Task 3100: Regional Traffic Studies, ITS, and Intermodal Planning

Progress and Products:

- Staff attended and participated in BAT Advisory Board Meeting.
- Staff attended and participated in BAT GIS Data (Trapeze and TripSpark) Request Collaboration Meeting.
- Staff attended and participated in Boston MPO Transit Working Group Meeting.
- Staff attended and participated in Boston MPO Transit Working Group Meeting: Human Services Transportation.
- Staff attended and participated in Canton - Washington Street Corridor Study Meeting.
- Staff attended and participated in two (2) Data Users Group (DUG) Meetings.
- Staff attended and participated in East Bridgewater and Compass Medical Office Building Development Meeting.
- Staff attended and participated in MA Bicycle & Pedestrian Advisory Board Meeting.
- Staff attended and participated in Massachusetts Climate Change Assessment: Project Introduction and Statewide Climate Impacts.
- Staff attended and participated in Multi-Family Zoning Requirement for MBTA Communities Webinar.
- Staff attended and participated in RAISE 2021 Debrief with US DOT - Brockton Downtown Reconstruction Project.
- Staff attended and participated in Statewide Trail Map Meeting.
- Staff attended and participated in Stoughton Transportation Task Force Meeting.
- Staff attended and participated in TransitMatters and OCPC Coordination Meeting.
- Staff attended and participated in two (2) BAT-OCPC Planning Meetings.
- Staff began developing potential events for BayState Bike Month.
- Staff conducted review of existing trail networks.
- Staff continued developing potential events for BayState Bike Month.
- Staff prepared BAT GIS Data (Trapeze and TripSpark) for BAT.
- Staff researched INRIX Signals Scorecard Map, Probe Data Analytics, Conveyal, and Google Street map, Traffic Archive in support of High Priority Corridor Screening Assessment Study, Freight Plan Study, Travel Demand Model updates, Complete Street Program, Safe Route to School, and Bicycle and Pedestrian planning initiatives.

Meeting(s):

- Commuter Rail Communities Coalition Coordination Meeting with MAPC
January 5, 2022
Brockton, MA (Virtual)
OCPC, MAPC
- BAT-OCPC Planning Meeting
January 5, 2022
Brockton, MA (Virtual)
BAT, OCPC

**FFY 2022 OLD COLONY UPWP SECOND QUARTER PROGRESS REPORT
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- Statewide Trail Map Meeting
January 6, 2022
Boston, MA (Virtual)
Regional Planning Agencies (RPAs)
- Multi-Family Zoning Requirement for MBTA Communities Webinar
January 12, 2022
Boston, MA (Virtual)
Executive Office of Economic Development (EOHED), OCPC, Communities, Stakeholders
- BAT Advisory Board Meeting
January 13, 2022
Brockton, MA (Virtual)
BAT Advisory Board, BAT, OCPC
- Statewide Trail Map Meeting
January 13, 2022
Boston, MA (Virtual)
Regional Planning Agencies (RPAs)
- MA Bicycle & Pedestrian Advisory Board Meeting
January 26, 2022
Boston, MA (Virtual)
MassDOT, RPAs, MPOs, Stakeholders
- BAT GIS Data (Trapeze and TripSpark) Request Collaboration Meeting
January 31, 2022
Brockton, MA (Virtual)
BAT, OCPC
- BAT-OCPC Planning Meeting
February 2, 2022
Brockton, MA (Virtual)
BAT, OCPC
- Data Users Group (DUG) Meeting
February 9, 2022
Worcester, MA (Virtual)
MassDOT, MPOs
- Stoughton Transportation Task Force Meeting
February 10, 2022
Stoughton, MA

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OLD COLONY PLANNING COUNCIL (OCPC)**

Stoughton, OCPC

- Boston MPO Transit Working Group Meeting
February 10, 2022
Boston, MA (Virtual)
MBTA, MPOs, RTAs, Communities, Stakeholders

- Bipartisan Infrastructure Law Changes to PTASP Requirements
March 1, 2022
Washington, D.C. (Virtual)
FTA, DOTs, Transit Providers, MPOs, Stakeholders

- East Bridgewater and Compass Medical Office Building Development Meeting
March 3, 2022
East Bridgewater, MA
East Bridgewater, Compass Medical, Equity Partners, OCPC

- Massachusetts Climate Change Assessment: Project Introduction and Statewide Climate Impacts
March 8, 2022
Boston, MA (Virtual)
EOEEA, RPAs, Communities, Stakeholders

- RAISE 2021 Debrief with US DOT - Brockton Downtown Reconstruction Project
March 8, 2022
Washington, D.C. (Virtual)
USDOT, Brockton, OCPC, Consultant

- Canton - Washington Street Corridor Study Meeting
March 9, 2022
Boston, MA (Virtual)
Canton, MassDOT, BAT, CTPS, Stoughton, OCPC

- Data Users Group (DUG) Meeting
March 9, 2022
Worcester, MA (Virtual)
MassDOT, MPOs

- Boston MPO Transit Working Group Meeting: Human Services Transportation.
March 10, 2022
Boston, MA (Virtual)
MPOs, RTAs, Communities, Stakeholders

**FFY 2022 OLD COLONY UPWP SECOND QUARTER PROGRESS REPORT
OLD COLONY PLANNING COUNCIL (OCPC)**

- TransitMatters and OCPC Coordination Meeting
March 25, 2022
Boston, MA (Virtual)
TransitMatters, OCPC

Schedule:

- Tasks to be conducted throughout the year.

Task 3200: Local Highway Technical Assistance (LTA)

Progress and Products:

- Staff attended and participated in Drone Mission - Billington Street (Plymouth).
- Staff attended and participated in Kingston - Main Street Coordination Meeting.
- Staff attended and participated in Kingston - Thickly Settled Roads and Business Districts Meeting.
- Staff attended and participated in Kingston Board of Selectmen Meeting - Route 27 at Lake Street and Station RSA Conducted by OCPC.
- Staff completed AM and PM turning movement counts at three intersections (Washington Street at Turnpike Street, Washington Street at Purchase Street, and Turnpike Street at Purchase Street) (Easton).
- Staff completed AM and PM turning movement counts at three intersections (Court Street at Cherry Street, Court Street at Cordage Park, Court Street at Hedge Road) (Plymouth).
- Staff completed Kingston Thickly Settled and Business District Analysis.
- Staff completed Level of Service Analysis and Crash Rate Analysis of Route 123 at Quincy Street and Route 27 at Quincy Street and Massasoit Boulevard Transportation Study (Brockton).
- Staff continued development of Belmont Street Transportation Study (Belmont Street at Linwood/ Lorraine Streets; Belmont Street at VA Hospital; and Belmont Street at Manley Street) (Brockton).
- Staff continued development of Pleasant Street (Route 139) at Lowe Avenue Transportation Study (Stoughton).
- Staff continued to provide highway transportation technical assistance to local communities.
- Staff provided correspondence documenting the existing transportation conditions on West Spring Street in Avon, to assist with the potential determination of a Heavy Commercial Vehicle Exclusion Zone.
- Staff provided technical assistance in response to a request from the Hanover Town Planner regarding Trip Generation and Parking Generation for a High Turn Over Restaurant (Land Use Code 932).
- Staff reviewed existing data and requests and selected locations for traffic counts.

**FFY 2022 OLD COLONY UPWP SECOND QUARTER PROGRESS REPORT
OLD COLONY PLANNING COUNCIL (OCPC)**

Meeting(s):

- Kingston Board of Selectmen Meeting - Route 27 at Lake Street and Station RSA
Conducted by OCPC
January 11, 2022
Kingston, MA (Virtual)
Kingston, OCPC, Stakeholders

- Kingston - Thickly Settled Roads and Business Districts Meeting
February 2, 2022
Kingston, MA (Virtual)
Kingston, OCPC

- Kingston - Main Street Coordination Meeting
February 28, 2022
Kingston, MA
Kingston, OCPC, Stakeholders

- Drone Mission - Billington Street
March 10, 2022
Plymouth, MA
Plymouth, OCPC

Schedule:

- Tasks to be conducted throughout the year.

Task 3300: Road Safety Audits (RSAs) at Multiple Locations

Progress and Products:

- Staff attended and participated in Old Colony Metropolitan Planning Organization (MPO) Meeting and provided project update.
- Staff attended and participated in Abington Virtual Road Safety Audits (RSAs) - Two Locations.
- Staff attended and participated in Duxbury Virtual Road Safety Audits (RSAs) - Three Locations.
- Staff continued to coordinate with communities in order identify locations to conduct RSAs in FFY 2022. The location identified so far include:
 - Abington - Central Street Corridor (RSA held February 23, 2022, and Draft RSA under development)
 - Abington - Groveland Street at Linwood Street (RSA held February 23, 2022, and Draft RSA under development)
 - Brockton - Warren Avenue at Market Street
 - Brockton - West Chestnut Street at Southworth Street

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- Duxbury - Congress Street at Franklin Street (RSA held February 18, 2022, and Draft RSA under development)
- Duxbury - Route 53 at Franklin Street / High Street (RSA held February 18, 2022, and Draft RSA under development)
- Duxbury - Tremont Street (Route 3A) at Church Street (Route 139) (RSA held February 18, 2022, and Draft RSA under development)
- Easton - Massapoag Avenue at Mill Street (Completed - RSA held November 16, 2022)
- Staff continued acquisition and analysis of crash data and reports, and preparation of collision diagrams.
- Staff continued development of potential safety countermeasures in advance of RSAs.
- Staff continued overall study development and video documentation of upcoming Road Safety Audit locations.
- Staff reviewed 2019-2021 EPDO data to identify potential locations for additional Road Safety Audits in FFY 2022 and reached out to communities for consultation.

Meeting(s):

- Old Colony Metropolitan Planning Organization (MPO) Meeting
February 15, 2022
Brockton, MA (Virtual)
Old Colony MPO, BAT, Abington, East Bridgewater, Hanson, FHWA, MA Safe Routes to School, MassDevelopment, MassDOT, Stakeholders
- Duxbury Virtual Road Safety Audits (RSAs) Three Locations
February 18, 2022
Duxbury, MA
Duxbury, Legislators, MassDOT, OCPC, Stakeholders
- Abington Virtual Road Safety Audits (RSAs) - Two Locations
February 23, 2022
Abington, MA (Virtual)
Abington, MassDOT, OCPC, Stakeholders

Schedule:

- Road Safety Audits to be conducted throughout the year and completed by the end of September 2022. As multiple Road Safety Audits locations have been identified, site assessments and data analysis continue, along with the scheduling of the virtual audits. Staff reports that this overall task is on schedule.

Task 3400: High Priority Corridor Screening Assessment Study
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Progress and Products:

**FFY 2022 OLD COLONY UPWP SECOND QUARTER PROGRESS REPORT
OLD COLONY PLANNING COUNCIL (OCPC)**

- Staff attended and participated in Old Colony Joint Transportation Committee (JTC) Meeting and provided presentation and status report.
- Staff attended and participated in Old Colony Metropolitan Planning Organization (MPO) Meeting and provided presentation and status report.
- Staff conducted GeoDOT and MS2 data research for determining parameters and data structures for evaluating congested corridors.
- Staff conducted Google Traffic and RITIS data research for determining parameters and data structures for evaluating congested corridors.
- Staff continued defining corridor segments to assess.
- Staff continued overall study development that included preparing GIS maps, data analysis by adding new data layers, including 5-year crash total, Bicycle LOS, Pedestrian LOS, Bridge layers, state number routes labeling, intersection database and heat map of high crash locations layers.
- Staff continued overall study development.
- Staff created list of corridors to be screened based on ADT, classification, and regional significance.
- Staff developed GIS database framework for segment screening.

Meeting(s):

- Old Colony Joint Transportation Committee (JTC) Meeting
January 6, 2022
Brockton, MA (Virtual)
Old Colony JTC, BAT, MA Safe Routes to School, MassDevelopment, MassDOT, Communities, Stakeholders
- Old Colony Metropolitan Planning Organization (MPO) Meeting
January 18, 2022
Brockton, MA (Virtual)
Old Colony MPO, BAT, Abington, Brockton, East Bridgewater, Pembroke, FHWA, Independence Associates, MassDevelopment, MassDOT, Stakeholders

Schedule:

- Task to be conducted throughout the year and completed by the end of September 2022.

Task 3500: Freight Planning and Action Plan

Progress and Products:

- Staff attended and participated in FHWA Workshop on Methods to Improve Freight Performance, Reliability, and Bottlenecks.
- Staff attended and participated in Old Colony Joint Transportation Committee (JTC) Meeting and provided overview of upcoming plan and next steps.

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- Staff attended and participated in Old Colony Metropolitan Planning Organization (MPO) Meeting and provided project update.
- Staff attended and participated in Taking Freight Webinar (FHWA) - Using Freight Mobility Tools to Measure Truck Flow Efficiency.
- Staff contacted MassDOT regarding Route 24 Service Plazas to review truck parking and utilization.
- Staff contacted MassDOT with regard to Truck Travel Time Reliability Index (TTTR) information.
- Staff continue overall study development.
- Staff continued developing inventory of truck parking areas and industrial parks.
- Staff continued review of the 2018 Massachusetts Freight Plan.
- Staff reviewed application of RITIS to determine Truck Travel Time Reliability Index truck volumes, travel times, and congestion.
- Staff reviewed application of RITIS to determine truck volumes, travel times, and congestion.
- Staff utilized MassDOT Crash Data Portal (IMPACT) regarding data of truck crashes.

Meeting(s):

- Old Colony Metropolitan Planning Organization (MPO) Meeting
February 15, 2022
Brockton, MA (Virtual)
Old Colony MPO, BAT, Abington, East Bridgewater, Hanson, FHWA, MA Safe Routes to School, MassDevelopment, MassDOT, Stakeholders
- Taking Freight Webinar (FHWA) - Using Freight Mobility Tools to Measure Truck Flow Efficiency
February 16, 2022
Gainesville, VA (Virtual)
DOTs, FHWA, MPOs, Stakeholders
- Old Colony Joint Transportation Committee (JTC) Meeting
March 3, 2022
Brockton, MA (Virtual)
Old Colony JTC, BAT, State Representative DuBois, MassDevelopment, MassDOT, Metro South Chamber of Commerce, Communities, Stakeholders
- FHWA Workshop on Methods to Improve Freight Performance, Reliability, and Bottlenecks
March 21, 2022
Washington, D.C. (Virtual)
FHWA, DOTs, MPOs

Schedule:

**FFY 2022 OLD COLONY UPWP SECOND QUARTER PROGRESS REPORT
OLD COLONY PLANNING COUNCIL (OCPC)**

- Task to be conducted throughout the year and completed by the end of September 2022. Task is on schedule.

Task 3600: Performance Management

Progress and Products:

- Old Colony Metropolitan Planning Organization (MPO) reviewed and adopted the MassDOT Calendar Year 2022 Safety Performance Measure Targets (PM1) as their own and in their entirety for the Old Colony Region.
- Staff attended and participated in FHWA National Virtual MPO Peer Exchange on Target-Setting Coordination.
- Staff attended and participated in MassDOT/ MPO Performance Measures Subcommittee Meeting.
- Staff attended and participated in Old Colony Joint Transportation Committee (JTC) Meeting and provided update on Calendar Year 2022 Safety Performance Measure Targets (PM1).
- Staff attended and participated in Old Colony Metropolitan Planning Organization (MPO) Meeting.
- Staff continued development and review of transportation data with potential applicability to performance measures (Top 200 Crash Locations and TIP Projects; Number of Road Safety Audits; Monthly PL Expenditures; Monthly Mileage Expenditures, etc.).
- Staff continued to evaluate performance measures and targets for overall transportation planning effort.
- Staff monitored EEA MEPA reviews/ scoping sessions and provided review/ comments on ENFs & EIRs undergoing review, as appropriate.
- Staff reviewed EEA# 16383 - West Bridgewater - Lincoln Park (FEIR).

Meeting(s)

- Old Colony Metropolitan Planning Organization (MPO) Meeting
January 18, 2022
Brockton, MA (Virtual)
Old Colony MPO, BAT, Abington, Brockton, East Bridgewater, Pembroke, FHWA, Independence Associates, MassDevelopment, MassDOT, Stakeholders
- FHWA National Virtual MPO Peer Exchange on Target-Setting Coordination
January 18, 2022
Washington, D.C. (Virtual)
FHWA, MPOs, Stakeholders
- MassDOT/ MPO Performance Measures Subcommittee Meeting
February 2, 2022
Boston, MA (Virtual)

**FFY 2022 OLD COLONY UPWP SECOND QUARTER PROGRESS REPORT
OLD COLONY PLANNING COUNCIL (OCPC)**

FHWA, MassDOT, MPOs

- Old Colony Joint Transportation Committee (JTC) Meeting
February 3, 2022
Brockton, MA (Virtual)
Old Colony JTC, BAT, State Representative DuBois, Brockton Ward 5 Councilor Thompson, MA Safe Routes to School, MassDevelopment, MassDOT, Metro South Chamber of Commerce, Communities, United Way - Greater Plymouth, Stakeholders
- MassDOT/ MPO Performance Measures Subcommittee Meeting
March 10, 2022
Boston, MA (Virtual)
FHWA, MassDOT, MPOs

Schedule:

- Task to be conducted throughout the year.

Task 4100: Transit Technical Assistance/ Elderly & Disabled Support

Progress and Products:

- Staff attended and participated in BAT Advisory Board Meeting.
- Staff attended and participated in BAT GIS Data (Trapeze and TripSpark) Request Collaboration Meeting.
- Staff attended and participated in Boston MPO Transit Working Group Meeting.
- Staff attended and participated in Boston MPO Transit Working Group Meeting: Human Services Transportation.
- Staff attended and participated in Canton - Washington Street Corridor Study Meeting.
- Staff attended and participated in two (2) Data Users Group (DUG) Meetings.
- Staff attended and participated in East Bridgewater and Compass Medical Office Building Development Meeting.
- Staff attended and participated in Massachusetts Climate Change Assessment: Project Introduction and Statewide Climate Impacts.
- Staff attended and participated in Multi-Family Zoning Requirement for MBTA Communities Webinar.
- Staff attended and participated in TransitMatters and OCPC Coordination Meeting.
- Staff attended and participated in two (2) BAT-OCPC Planning Meetings.
- Staff began developing potential events for BayState Bike Month.
- Staff conducted review of existing trail networks.
- Staff prepared BAT GIS Data (Trapeze and TripSpark) for BAT.
- Staff researched INRIX Signals Scorecard Map, Probe Data Analytics, Conveyal, and Google Street map, Traffic Archive in support of High Priority Corridor Screening Assessment Study, Freight Plan Study, Travel Demand Model updates, Complete Street Program, Safe Route to School, and Bicycle and Pedestrian planning initiatives.

**FFY 2022 OLD COLONY UPWP SECOND QUARTER PROGRESS REPORT
OLD COLONY PLANNING COUNCIL (OCPC)**

Meeting(s):

- Commuter Rail Communities Coalition Coordination Meeting with MAPC
January 5, 2022
Brockton, MA (Virtual)
OCPC, MAPC

- BAT-OCPC Planning Meeting
January 5, 2022
Brockton, MA (Virtual)
BAT, OCPC

- Multi-Family Zoning Requirement for MBTA Communities Webinar
January 12, 2022
Boston, MA (Virtual)
Executive Office of Economic Development (EOHED), OCPC, Communities, Stakeholders

- BAT Advisory Board Meeting
January 13, 2022
Brockton, MA (Virtual)
BAT Advisory Board, BAT, OCPC

- BAT GIS Data (Trapeze and TripSpark) Request Collaboration Meeting
January 31, 2022
Brockton, MA (Virtual)
BAT, OCPC

- BAT-OCPC Planning Meeting
February 2, 2022
Brockton, MA (Virtual)
BAT, OCPC

- Data Users Group (DUG) Meeting
February 9, 2022
Worcester, MA (Virtual)
MassDOT, MPOs

- Stoughton Transportation Task Force Meeting
February 10, 2022
Stoughton, MA
Stoughton, OCPC

- Boston MPO Transit Working Group Meeting
February 10, 2022

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OLD COLONY PLANNING COUNCIL (OCPC)**

Boston, MA (Virtual)
MBTA, MPOs, RTAs, Communities, Stakeholders

- Bipartisan Infrastructure Law Changes to PTASP Requirements
March 1, 2022
Washington, D.C. (Virtual)
FTA, DOTs, Transit Providers, MPOs, Stakeholders
- East Bridgewater and Compass Medical Office Building Development Meeting
March 3, 2022
East Bridgewater, MA
East Bridgewater, Compass Medical, Equity Partners, OCPC
- Massachusetts Climate Change Assessment: Project Introduction and Statewide Climate Impacts
March 8, 2022
Boston, MA (Virtual)
EOEEA, RPAs, Communities, Stakeholders
- Canton - Washington Street Corridor Study Meeting
March 9, 2022
Boston, MA (Virtual)
Canton, MassDOT, BAT, CTPS, Stoughton, OCPC
- Boston MPO Transit Working Group Meeting: Human Services Transportation.
March 10, 2022
Boston, MA (Virtual)
MPOs, RTAs, Communities, Stakeholders
- TransitMatters and OCPC Coordination Meeting
March 25, 2022
Boston, MA (Virtual)
TransitMatters, OCPC

Schedule:

- Tasks to be conducted throughout the year.

Appendix A

Old Colony MPO Planning Certification Review Action Plan Second Quarter Status Report, as of March 31, 2022

Transportation Planning Certification Review of the Old Colony Metropolitan Planning Organization, Final Report, February 2020

FHWA & FTA Recommendations/ Corrective Action	MPO Response & Proposed Action	Responsibility	Target Date(s)	Status Update as of March 31, 2022
1. Financial Planning				
<p>Recommendation: The MPO should ensure there is a clear demonstration of financial constraint for the MTP by factoring in projects commitments against available revenue throughout the life of the plan.</p>	<p>The MPO will ensure that there is a clear demonstration of financial constraint for the 2024 MTP by factoring in projects commitments against available revenue throughout the life of the plan. In preparation for the development of the 2024 MTP, the MPO will review best practices and examples of MTPs that clearly demonstrate financial constraint.</p>	<p>Old Colony Planning Council</p>	<p>January 2023</p>	<p>No activity this quarter.</p>
2. Annual List of Obligated Projects				
<p>Recommendation: The MPO should work with its transit partners to ensure they have the necessary information to be able to accurately report on the obligations that have occurred during the appropriate reporting year.</p>	<p>The MPO will work with Brockton Area Transit to acquire the necessary information to be able to accurately report on the obligations that have occurred during the appropriate reporting year.</p>	<p>Brockton Area Transit, Old Colony Planning Council</p>	<p>December 2020</p>	<p>Completed. OCPC worked with BAT and MassDOT Rail and Transit to acquire the information to accurately report on the obligations. The FFY 2021 Annual Obligations Report has been prepared and is posted on the OCPC Website at: http://www.ocpcrpa.org/docs/mpo/FFY_2021_Annual_Listing_of_Obligated_Projects.pdf</p>
3. Metropolitan Transportation Plan				
<p>Corrective Action: An MPO MTP requires valid forecasts of future demand for transportation services</p>	<p>To assist with the inclusion and discussion of such modeling results and anticipated future demand, the MPO will coordinate with MassDOT</p>	<p>MassDOT, Old Colony Planning Council</p>	<p>June 2021</p>	<p>This effort is ongoing. In July 2020, OCPC contacted MassDOT and CTPS to discuss and commence coordination efforts. Additionally, OCPC met virtually with</p>

FHWA & FTA Recommendations/ Corrective Action	MPO Response & Proposed Action	Responsibility	Target Date(s)	Status Update as of March 31, 2022
<p>with model outputs that are used to estimate regional vehicle activity and a factor in selecting transportation investments. In all future updates of the MTP the MPO shall include a full discussion of the modeling results, anticipated future demand, and how implementation of the plan will impact that demand and the transportation system within the region.</p>	<p>to obtain the detailed results of the most recent Statewide Travel Demand Model in order to inform current planning efforts. Upon receipt of the detailed results of the most recent Statewide Travel Demand Model, the MPO will prepare a full discussion of the modeling results, anticipated future demand, and how implementation of the plan will impact that demand and the transportation system within the region for inclusion in the 2020-2040 MTP. The MPO will then prepare an amendment to the 2020-2040 MTP to include this information (Target date of June 2021.)</p> <p>MassDOT and Old Colony Planning will work collaboratively so that in all future updates of the MTP, the MPO will include a full discussion of the modeling results, anticipated future demand, and how implementation of the plan will impact that demand and the transportation system within the region. (Target date of December 2022 for Draft MTP.)</p>		December 2022	<p>CTPS in July 2020 to further discuss and define process. The Boston MPO has a modeling task in their FFY 2021 UPWP to provide results of statewide travel model to MPOs.</p> <p>A Southern Boston UZA Coordination Meeting was February 3, 2021. The topic of travel demand models was discussed. The work of the CTPS continues regarding their task of developing and providing results of statewide travel model to MPOs.</p> <p>In February 2021, OCPC consulted with FHWA and MassDOT and it was the determination that the current 2020 MTP would not have to be amended to include a full discussion of the modeling results, anticipated future demand, and how implementation of the plan will impact that demand and the transportation system within the region.</p> <p>In November 2021, OCPC consulted with CTPS staff in an effort to obtain their 2019 travel demand model files. This would assist OCPC with developing its travel demand model. Nevertheless, OCPC continues to develop its own travel demand model.</p>
<p>Recommendation: In the next MTP update the MPO should expand its scenario planning discussion by providing a more detailed</p>	<p>The MPO will expand its scenario planning discussion by providing a more detailed description of each scenario, how the MPO developed the scenarios, and how the MPO</p>	Old Colony Planning Council	December 2022	No activity this quarter.

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description of each scenario, how the MPO developed the scenarios, and how the MPO determined its preferred scenario. Further, the MPO should include an analysis of the impact the preferred scenario has on the performance of transportation system.	determined its preferred scenario. Additionally, the MPO will include an analysis of the impact the preferred scenario has on the performance of transportation system.			
Recommendation: In the next MTP update, the MPO should include specific amendment and administrative modification procedures to guide future MTP updates.	The MPO will include specific amendment and administrative modification procedures to guide future MTP updates. The MPO will amend the 2020-2040 MTP to include this information (Target date of June 2021.)	Old Colony Planning Council	July 2021	No activity this quarter.
4. Congestion Management Process				
Recommendation: The MPO should update the CMP on a recurring cycle (i.e., each MTP cycle) to reflect the most up-to-date metropolitan transportation plan, UPWP, and TIP and to inform MPO members, partner agencies, the public, and other stakeholders of the region's congestion management problems, needs, and	The MPO will update the CMP on a recurring cycle (i.e., each MTP cycle) to reflect the most up-to-date metropolitan transportation plan, UPWP, and TIP and to inform MPO members, partner agencies, the public, and other stakeholders of the region's congestion management problems, needs, and strategies. Additionally, the MPO will review federal guidance and requirements, and obtain examples of CMP best practices.	Old Colony Planning Council	December 2022	This effort is ongoing. The MPO is evolving the CMP from and Annual Report to a CMP that is prepared and completed on a four-year cycle that conclude six months prior to the endorsement of the metropolitan transportation plan. As part of this process, the MPO reviewed federal guidance and requirements, and obtained examples of CMP best practices.

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strategies.				
<p>Recommendation: The MPO should document and analyze non-recurring congestion related to work zones, special events, crashes, snow management, and other weather events in the next CMP update.</p>	<p>The MPO will work to document and analyze non-recurring congestion related to work zones, special events, crashes, snow management, and other weather events in the next CMP update.</p> <p>The MPO will work with state and regional partners (BAT and MassDOT, etc.) and others (National Weather Service, etc.) to formulize the documentation of non-recurring congestion related to work zones, special events, crashes, snow management, and other weather events.</p>	Brockton Area Transit, MassDOT, Old Colony Planning Council	December 2022	<p>This effort is ongoing.</p> <p>This effort is ongoing and the MPO is working to document and analyze non-recurring congestion related to work zones, special events, crashes, snow management, and other weather events for inclusion in the next CMP update.</p> <p>The MPO is utilizing the Regional Integrated Transportation Information System (RITIS) to assist with the identification and documentation of non-recurring congestion. The MPO is working with BAT to document non-recurring congestion related to crashes. Staff researched data related to documentation of non-recurring congestion related to work zones, and crashes. Staff began review of potential for utilization of StreetLight and will set up demonstration with vendor in July and have then follow up discussion with MassDOT on their experience.</p> <p>Brockton Area Transit is currently in the process of implementing automated passenger counters (APCs) on their fixed route buses. This technology will provide real time passenger loads by each bus as it travels its fixed roue. This will enable the MPO to screen and develop passenger load information to assess which routes and route segments are congested. OCPC has had discussions with BAT regarding obtaining and then processing and analyzing Automatic Vehicle Location System (AVL) data and Automated Passenger Counter (APC) data.</p>
5. Performance Based Planning and Programming				
<p>Recommendation: The MPO should use the terminology “system performance report” for the performance management discussion in the next metropolitan transportation</p>	<p>The MPO will use the terminology “system performance report” for the performance management discussion in the next metropolitan transportation plan to clearly demonstrate compliance with 23 CFR 450.324(f)(4) and avoid any potential</p>	Old Colony Planning Council	December 2022	<p>The development of the 2024-2050 metropolitan transportation plan has not commenced, however, the MPO will use the terminology “system performance report” for the performance management in the plan.</p>

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<p>plan to clearly demonstrate compliance with 23 CFR 450.324(f)(4) and avoid any potential confusion among partner agencies and stakeholders moving forward.</p>	<p>confusion among partner agencies and stakeholders moving forward.</p>			
6. Regional Planning Agreements and Coordination				
<p>Corrective Action: MassDOT, in cooperation with the MPOs, public transportation providers, and air quality resource agencies serving the Barnstable UZA, shall establish a written coordination agreement(s) according to the requirements at 23 CFR 450.312(h) and 450.314. Minimally, the resulting agreement shall address the division of responsibilities related to the coordination concerns referenced in the regulations.</p>	<p>MassDOT, in cooperation with the MPOs, public transportation providers, and air quality resource agencies serving the Barnstable UZA, shall established a written coordination agreement(s) according to the requirements at 23 CFR 450.312(h) and 450.314. Said agreement has been approved and endorsed by the MPOs of the Barnstable Urbanized Area.</p>	<p>MassDOT, in cooperation with the MPOs, public transportation providers, and air quality resource agencies serving the Barnstable UZA.</p>	<p>March 2020</p>	<p>Completed. This was completed in Second Quarter 2020, and the signed agreement has been provided to FHWA and FTA.</p>

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7. Public Outreach and Involvement				
<p>Recommendation: The MPO should formally document its public involvement evaluation methodology procedures in its PPP with qualitative and quantitative measures to evaluate and improve its process. Using this methodology, the MPO should regularly produce an evaluation of the effectiveness of its public involvement procedures that assesses the strategies and techniques employed and describe what worked well and what could be improved with recommendations for future efforts.</p>	<p>The MPO will begin to formally document its public involvement evaluation methodology procedures in its PPP with qualitative and quantitative measures to evaluate and improve its process. The number of attendees at JTC and MPO meetings is already quantified and reported via the UPWP Annual Progress Report.</p> <p>The MPO will annually produce an evaluation of the effectiveness of its public involvement procedures that assesses the strategies and techniques employed and describe what worked well and what could be improved with recommendations for future efforts. The first evaluation will be produced for FFY 2020 (Target date of December 2020.)</p>	Old Colony Planning Council	December 2020	<p>Completed.</p> <p>The MPO staff has prepared evaluation methodology procedures with qualitative and quantitative measures to evaluate and improve its process.</p> <p>The MPO continues to develop evaluation methodology procedures with qualitative and quantitative measures to evaluate and improve its process. The measures will be included in an amended PPP.</p> <p>A Measures of Effectiveness Report (MOE) has been prepared and was provided to MassDOT and FHWA in December 2020. The measures will be included in an amended PPP. The schedule for the amended PPP is MPO release to 45-day public review and comment period in mid to late Spring.</p> <p>A Public Participation Plan was prepared and then underwent a 45-day public review and comment period. Included in the plan is the evaluation methodology procedures with qualitative and quantitative measures to evaluate the effectiveness of public involvement procedures. Also included are the virtual public engagement techniques that have been implemented since February 2020.</p> <p>The public comments and a revised PPP were presented and reviewed by the Old Colony MPO. The Old Colony MPO endorsed the PPP in August 2021.</p>
8. Title VI Civil Rights				
<p>Recommendation: While there is no indication or evidence of non-</p>	<p>The MPO, in coordination with MassDOT's Office of Diversity and Civil Rights, will host a training/</p>	MassDOT, Old Colony Planning Council	December 2020	<p>Completed.</p> <p>Old Colony Planning Council coordinated with the MassDOT Office of Diversity and the MassDOT Office of Transportation on the training/</p>

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<p>compliance with Title VI requirements, it is recommended the MPO host a brief training/workshop on disparate-impact discrimination for the representatives of the cities and towns that comprise the region. The intent is to take a proactive approach to ensure all sub-recipients of federal financial aid are knowledgeable of Title VI requirements which bars intentional discrimination as well as disparate-impact discrimination stemming from a neutral policy or practice that has the effect of a disparate impact on protected groups based on race, color, or national origin. MassDOT which is the direct recipient federal financial aid may serve as the source or conduit for the training.</p>	<p>workshop on disparate-impact discrimination for the representatives of the communities that comprise the region (Target date of December 2020.)</p>			<p>workshop.</p> <p>As such, the workshop entitled "Understanding Disparate Impact in Old Colony Metropolitan Planning Organization (MPO) Activities and Decision Making" was held on November 5, 2020. Both MassDOT and OCPC provided presentations during the workshop.</p> <p>Old Colony Planning Council, the MassDOT Office of Diversity, and the MassDOT Office of Transportation will continue to coordinate and hold an annual training/ workshop on disparate-impact discrimination for the representatives of the communities that comprise the region.</p> <p>Link to 2021 Public Participation Plan: http://www.ocpcrpa.org/docs/mpo/Old_Colony_Public_Participation_Plan_2021.pdf</p>
9. Title VI - Limited English Proficiency				
<p>Recommendation: The MPO should consistently document the frequency and number of persons</p>	<p>The MPO will consistently document the frequency and number of persons contacted during the community outreach efforts. This will inform the</p>	<p>Old Colony Planning Council</p>	<p>December 2020</p>	<p>This effort is ongoing.</p> <p>The MPO developed an overall tracking spreadsheet for all public outreach events. Attendance at JTC and MPO meetings is provided</p>

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<p>contacted during the community outreach efforts. For example, the estimated number of listeners for radio ads or the number of persons enrolled in the Community Partnership for Adult Education English Class. This will further support the MPO's compliance with the second Four-Factor analysis requirement (the frequency with which LEP individuals come in contact with the program).</p>	<p>MPO's evaluation of the effectiveness of its public involvement procedures.</p> <p>The MPO will annually produce an evaluation of the effectiveness of its public involvement procedures that assesses the strategies and techniques employed and describe what worked well and what could be improved with recommendations for future efforts. The first evaluation will be produced for FFY 2020 (Target date of December 2020.)</p>			<p>dating back to the beginning of FFY 2015.</p> <p>A Public Participation Plan, that included evaluation methodology procedures with qualitative and quantitative measures to evaluate and improve its process, was prepared and then underwent a 45-day public review and comment period. Included in the plan is the evaluation methodology procedures with qualitative and quantitative measures to evaluate the effectiveness of public involvement procedures. Also included are the virtual public engagement techniques that have been implemented since February 2020.</p> <p>The public comments and a revised PPP were presented and reviewed by the Old Colony MPO. The Old Colony MPO endorsed the PPP in August 2021.</p> <p>A Measures of Effectiveness Report (MOE) has been prepared and was provided to MassDOT and FHWA in December 2020.</p> <p>The 2021 Measures of Effectiveness (MOE) Report has been prepared and posted to the Old Colony Planning Council Website at: http://www.ocpcrpa.org/docs/mpo/2021_MOE_Report_Final.pdf</p>