



Unified Planning Work Program (UPWP) for Federal Fiscal Year (FFY) 2018

October 1, 2017 – September 30, 2018
Transportation Planning Activities in the
County of Dukes County, Massachusetts



Pedestrian hurrying across one leg of Five Corners, Vineyard Haven, Oct. 2014 – photo by Priscilla Leclerc

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This document was prepared by the Martha's Vineyard Commission in cooperation with the Massachusetts Department of Transportation - Highway Division, the Federal Highway Administration, the Federal Transit Administration, and the Martha's Vineyard Regional Transit Authority, under contract number 95431.

This report was funded in part through funding from the Massachusetts Department of Transportation and the Federal Highway Administration of the U.S. Department of Transportation. The views and opinions expressed herein do not necessarily state or reflect those of the two departments.



Pedestrians and Bicyclists on Circuit Avenue Extension, Oak Bluffs, August 2014 – photo by Priscilla Leclerc

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Participants

Martha's Vineyard Committee of Signatories

Stephanie Pollack	Secretary and Chief Executive Officer (CEO), MassDOT
Thomas Tinlin	Administrator, MassDOT
James Vercruysse	Chairman, Martha's Vineyard Commission (MVC)
Alice Butler	Chairman, Vineyard Transit Authority (VTA)

Martha's Vineyard Joint Transportation Committee

Voting Members

Adam Wilson	Town of Aquinnah
Keith Emin	Town of Chilmark
Stuart Fuller	Town of Edgartown
Richard Combra, Jr.	Town of Oak Bluffs
Ray Tattersall	Town of Tisbury
Jennifer Rand	Town of West Tisbury
Leon Brathwaite	County of Dukes County
Durwood Vanderhoop	Wampanoag Tribe of Gay Head/Aquinnah
Adam Turner	Martha's Vineyard Commission
Angela Grant	Vineyard Transit Authority

Ex-Officio Members (Non-Voting)

Gabriel Sherman	MassDOT
Jeffrey McEwen	Federal Highway Administration
Mary Beth Mello	Federal Transit Administration
Bridget Tobin	Steamship Authority
David Whitmon	Oak Bluffs (Bicycle and Pedestrian)
Ann Crook	Martha's Vineyard Airport
Pamela Haznar, P.E.	MassDOT District 5
Timothy Kochan	MassDOT District 5
William Veno	Martha's Vineyard Commission

Staff of the Martha's Vineyard Commission

Adam Turner	Executive Director (10%)
Curt Schroeder	Administrator
William Veno, AICP	Senior Planner (15%)
To be determined	Transportation Planner (85%)
Dan Doyle	Transportation Planner (50%)
Chris Seidel	GIS Coordinator (10%)
Paul Foley, AICP	DRI Analyst/Planner (10%)
Sheri Caseau	Water Resources Planner
Christine Flynn	Economic and Affordable Housing Planner (10%)
Jo-Ann Taylor	Coastal Planner
Lucy Morrison	Administrative Assistant

Percentages indicate the approximate portion that each staff member devotes to implementation of the UPWP.

Introduction

Martha's Vineyard Commission

The Martha's Vineyard Commission ("MVC") is a Regional Planning Agency ("RPA") in the Commonwealth of Massachusetts. Ten of the thirteen RPAs are federally designated Metropolitan Planning Organizations ("MPOs"). Federal regulations require that an MPO be formed in urban areas with a population of 50,000 or more. While Martha's Vineyard, Nantucket, and the Franklin County Region do not meet the minimum population criteria in federal law, the Commonwealth of Massachusetts designated these RPAs as local MPOs for the purpose of transportation planning in Massachusetts. The Massachusetts Department of Transportation (MassDOT) provides planning funds for transportation planning in these regions, essentially treating them as small MPO's. The decision-making body, or MPO, is responsible for conducting a continuing, cooperative, and comprehensive (3C) transportation planning process that results in plans and programs that consider all transportation modes and that support the communities' goals. The MPO must plan for the movement of both people and goods within the Region by all modes of travel, including roadways, public transportation, bicycles, ferries, airplanes, and foot. It also plans for the connections linking these modes.

In its role as the region's RPA, the Martha's Vineyard Commission provides staff support and follows federal transportation planning regulations, including the participation of citizens and advisory groups in transportation decision-making. The Joint Transportation Committee (JTC) holds open public meetings, considers and votes on the transportation planning documents and projects.

The federal transportation legislation related to state and regional transportation planning began with *The Intermodal Surface Transportation Efficiency Act of 1991* (ISTEA), and continued with subsequent federal legislation and extensions, such as, the *Transportation Equity Act for the 21st Century* (TEA-21) and the *Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users* (SAFETEA-LU), *Moving Ahead for Progress and Growth in the 21st Century Act* (MAP-21), and the most recent federal legislation: *Fixing America's Surface Transportation Act*, or "FAST Act" for short.

FAST Act (Fixing America's Surface Transportation Act)

The FAST Act was signed into law by President Obama on December 4, 2015. This Act continued basic programs, consolidated others, and established two additional planning factors to add to the eight from previous federal legislation. The 10 planning factors direct transportation planning efforts toward a sustainable, efficient, and comprehensive process, and are:

- 1) Support the economic vitality of the United States, the States, non-metropolitan areas, and metropolitan areas, especially by enabling global competitiveness, productivity, and efficiency;
- 2) Increase the safety of the transportation system for motorized and non-motorized users;
- 3) Increase the security of the transportation system for motorized and non-motorized users;
- 4) Increase the accessibility and mobility of people and for freight;
- 5) Protect and enhance the environment, promote energy conservation, improve the quality of life, and promote consistency between transportation improvements and state and local planned growth and economic development patterns;
- 6) Enhance the integration and connectivity of the transportation system, across and between modes throughout the State, for people and freight;
- 7) Promote efficient system management and operation;
- 8) Emphasize the preservation of the existing transportation system;

- 9) improve the resiliency and reliability of the transportation system and reduce or mitigate stormwater impacts of surface transportation; and
- 10) enhance travel and tourism.

These planning factors and how they are coordinated in this Unified Planning Work Program (UPWP) is outlined in the planning factors table in the appendix.

Unified Planning Work Program (UPWP)

This 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 Unified Planning Work Program is a federally required certification document, which must be prepared and endorsed annually by the Martha's Vineyard MPO, prior to the start of the planning program. The Martha's Vineyard Commission has the responsibility of preparing the Unified Planning Work Program. The planning activities are organized first by work element in a format that will allow efficient administration, management, and reporting. The transportation planning activities are described as a procedure under specific work tasks. For each procedure, the anticipated accomplishment or product and the estimated manpower resources needed are also given. For each work task the total staffing requirements, task budget, and sources of funding are given.

The UPWP in draft form is discussed at one or more of the public meetings of the Martha's Vineyard Joint Transportation Committee (JTC), which comprises representatives of the municipalities of Dukes County, the County of Dukes County, Martha's Vineyard Commission, the Martha's Vineyard Regional Transit Authority (VTA), Martha's Vineyard Airport, providers of transportation services including the Steamship Authority (SSA), the Wampanoag Tribe and the Massachusetts Department of Transportation (MassDOT). Interested members of the public are also invited to submit expressions of interest in joining the JTC. The input of the municipalities and transportation providers is useful to the development of the UPWP, as it helps focus planning activities where they are most needed.

Planning activities are necessary in order to realize the region's continuing, cooperative and comprehensive (3C) process, and the UPWP outlines efforts proposed for the next year. The UPWP activities are also to:

- Continue to collect data, observe, analyze, and develop concepts from the *Martha's Vineyard Transportation Plan (MVTP) efforts to establish priority needs and issues*
- Prepare annual transportation planning certification documents; and
- Provide planning and support services to region.

In accordance with the procedures laid out in the *Public Participation Plan*, any meeting at which the UPWP is scheduled to be discussed or voted on are publicized on the MVC website calendar, typically 7 days in advance. The Martha's Vineyard Joint Transportation Committee (JTC) reviews the Draft UPWP and releases it for public comment. The public comment period then begins and continues for 21 days. Typically, the Martha's Vineyard Joint Transportation Committee (JTC) determines that if no substantive public comment is received during the public comment period, the document will be considered to be endorsed.

The transportation planning documents, including the UPWP, are also typically presented to a meeting of the Martha's Vineyard Commission, usually during the public comment period. Both the MVC Chairman and the VTA Chairman sign the official signatory page for the transportation planning documents, as established in the 1980's Memorandum of Understanding agreement with the then Commonwealth of Massachusetts transportation department.

Budget Summary by Task

All funds from FHWA/MassDOT

UPWP - Dukes County MA - FFY2017 - Budget Summary						
Daily Professional Rate Including Allowed Overhead						\$800
	Staff Days	Task %	FHWA Share	MassDOT Share	Task Budget	
1. Management and Support of the Planning Process			80%	20%		
1.1	Support of the 3C Process	40	10.3%	\$25,600	\$6,400	\$32,000
1.2	Unified Planning Work Program	9	2.3%	\$5,760	\$1,440	\$7,200
1.3	Transportation Improvement Program	25	6.4%	\$16,000	\$4,000	\$20,000
1.4	Title VI and Environmental Justice	5	1.3%	\$3,200	\$800	\$4,000
1.5	Public Participation	10	2.6%	\$6,400	\$1,600	\$8,000
Subtotal		89	22.9%	\$56,960	\$14,240	\$71,200
2. Data Collection and Analysis Activities						
2.1	Regional Traffic Counting Program and Data Management	48	12.4%	\$30,720	\$7,680	\$38,400
2.2	Geographic Information System	30	7.7%	\$19,200	\$4,800	\$24,000
2.3	Performance Measures and Data Collection	25	6.4%	\$16,000	\$4,000	\$20,000
2.4	Demographic Observation and Road Inventory Update	24.94	6.4%	\$15,963	\$3,991	\$19,954
Subtotal		127.94	33.0%	\$81,883	\$20,471	\$102,354
3. Transportation Planning Activities						
3.1	Project Reviews	35	9.0%	\$22,400	\$5,600	\$28,000
3.2	Local Transportation Planning Technical Assistance	45	11.6%	\$28,800	\$7,200	\$36,000
3.3	Regional, Bicycle and Pedestrian Studies	35	9.0%	\$22,400	\$5,600	\$28,000
3.4	Transit and Intermodal Planning	16	4.1%	\$10,240	\$2,560	\$12,800
Subtotal		131	33.8%	\$83,840	\$20,960	\$104,800
4. Special Transportation Studies and Activities						
4.1	Inter-Regional Transportation Activities	35	9.0%	\$22,400	\$5,600	\$28,000
4.2	Special Tasks	5	1.3%	\$3,200	\$800	\$4,000
Subtotal		40	10.3%	\$25,600	\$6,400	\$32,000
Total		387.94	100.0%	\$ 248,283	\$ 62,071	\$ 310,354

1. Management and Support Activities

1.1 Support of the Comprehensive, Continuing and Cooperative (3C) Process

Objectives

- To maintain an open, Comprehensive, Cooperative, and Continuing (3C) transportation planning process involving the local, regional, state, and federal levels of government in conformance with applicable federal and state requirements and guidelines. This task will include support for the JTC and endeavors in cooperation with local, state, and federal partners, and compliance with the latest federal legislation and guidance.

Previous Work

- Meetings, minutes, and forums of the JTC, BPAC and related public informational meetings.
- The Transportation Improvement Program (TIP), UPWP, JTC By-laws, and Public Participation Plan, as well as other efforts or documents required by federal or state authorities.

Proposed Activities

1. Provide support to the JTC, Bicycle and Pedestrian Advisory Committee (BPAC), Martha's Vineyard Commission (MVC), Land Use Planning Committee (LUPC), and coordination with JTC and the towns on transportation planning and projects.
2. Review federal and state transportation plans, programs, regulations, guidelines and initiatives, and consider local efforts for improved livability and coordination with state and federal programs.
3. Participate in Massachusetts Association of Regional Planning Agencies (MARPA) and the MARPA Transportation Managers Group (TMG) and related activities.
4. Prepare documents related to the maintenance and/or enhancement of the transportation planning process.
5. Conduct public meetings, hearings, and workshops, as needed.

Products

- Records of JTC meetings and forum proceedings.
- Planning and process documents (e.g., JTC Bylaws) and related graphics.
- Memoranda and informational sheets related to planning support.

Schedule

Continuous throughout the year

Task Budget

Staff days required 40

Current year funding \$32,000

Funding source(s) FHWA - \$25,600/MassDOT - \$6,400

1. Management and Support Activities

1.2 Unified Planning Work Program (UPWP)

Objectives

- To develop a Unified Planning Work Program (UPWP) that describes the transportation planning activities and tasks to be undertaken by the Martha's Vineyard Commission in the next Federal Fiscal Year.
- To coordinate UPWP tasks in order to support the 3C process.
- Provide various reports to MassDOT as required

Previous Work

- Previous annual UPWPs.
- Monthly financial and progress reports, quarterly and annual reports.

Proposed Activities

1. Review and amend the UPWP as to its format, content, and conformity with applicable federal and state rules, regulations, and guidelines.
2. Prepare task descriptions and budgets in consultation with the JTC, governmental agencies, and other interested parties.
3. Liaise with federal, state, and local agencies in order to administer transportation planning grants and contracts.
4. Ongoing discussions with local towns on local planning activities to coordinate potential transportation UPWP activities.

Products

- UPWP and documents related to the preparation and endorsement of the UPWP.
- Monthly progress reports and financial documents.
- Quarterly reports.

Schedule

October 2017 – September 2018

Task Budget

Staff days required 9

Current year funding \$7,200

Funding source(s) FHWA - \$5,760 /MassDOT - \$1,440

1. Management and Support Activities

1.3 Transportation Improvement Program (TIP)

Objective

- To prepare a Transportation Improvement Program (TIP), along with any necessary TIP Amendments or Adjustments, describing a financially constrained list of transportation projects that is consistent with governmental policies and in coordination with partners and the statewide TIP schedule.

Previous Work

- Annual TIPs and any Amendments and/or adjustments, with the latest being the TIP for FFY 2017-2021 in August 2016, and its Amendment in January 2017.

Proposed Activities

1. Ongoing consultations with state, regional, and local officials to determine the status of current projects and proposed additional projects eligible for federal and/or state funding and/or "non-federal" funds.
2. Review concepts and estimated costs with project proponents.
3. Determine priority of projects, in conjunction with the JTC, based on project selection criteria.
4. Coordinate public review, adoption, and endorsement of TIP documents.
5. Assure conformity of TIP projects with all applicable federal, state, and island plans, regulations, and guidelines, and perform Air Quality and Greenhouse gas emissions (GHG) analyses for local projects.
6. Meet/communicate with representatives of government agencies, providers of transportation, and other interested parties through JTC and/or other forums.
7. Create current TIP Amendments and adjustments as needed, and develop the next TIP.
8. Develop a supplemental project list for projects beyond the estimated available funds for informational purposes, and assist proponents if requested to prepare MassDOT project forms for TIP project development / Project Review Committee process.

Products

- Determination of air quality / greenhouse gas emissions (GHG) of TIP projects.
- FFY 2017-2021 TIP Amendments and adjustments as needed, and the next TIP FFY2018-2022.
- Records of all meetings and proceedings.

Schedule

Ongoing project process with annual new TIP development through outreach and local endorsement typically February to May of each year.

Task Budget

Staff days required 25

Current year funding \$20,000

Funding source(s) FHWA - \$16,000 /MassDOT - \$4,000

1. Management and Support Activities

1.4 Title VI and Environmental Justice (EJ)

Title VI: Section 601 of Title VI provides that “no person in the United States shall, on the ground of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving federal financial assistance.”[3] This provision is sufficiently broad to include prohibiting discrimination in state or local programs or activities, including permitting assessments, that receive federal funds. Section 602 of Title VI directs agencies distributing federal funds to issue regulations implementing § 601, and mandates that these agencies create a mechanism for processing complaints of racial discrimination.

From: 40 C.F.R. § 7.35(b) (2002).

Environmental Justice (EJ) is designed to prevent adverse human health or environmental effects and/or to ensure non-discrimination in the transportation planning and decision-making process.

Objectives

- Continue efforts on civil rights programs and requirements including Title VI, EJ, and Limited English Proficiency (LEP) in continued cooperation with MassDOT’s Office of Civil Rights
- To not discriminate. To ensure as much as is feasible that project benefits and detriments are equitable in distribution, and outreach is for all to have an opportunity to participate in planning.
- Prepare related Title VI documents.

Previous Work

- Incorporated federal and state non-discrimination considerations into planning documents, including the long-range transportation plan, and the Island Plan consistent with federal and state policy, and updated the Title VI plan and notice.

Proposed Activities

1. Involve the public in transportation decisions through surveys, public meetings, workshops and ongoing input as needed.
2. Maintain/update GIS maps which identify minority and/or low income populations.
3. Update Title VI information and reports as needed

Products

- Compliance with federal and state Title VI and Environmental Justice requirements.
- Title VI Plan and updates as necessary.

Schedule

Continuous throughout the year

Task Budget

Staff days required 5

Current year funding \$4,000

Funding source(s) FHWA - \$3,200 /MassDOT - \$800

1. Management and Support Activities

1.5 Public Participation

Objective

- To encourage public participation in and awareness of transportation planning issues through the JTC, MVC, Land Use Planning Committee (LUPC), Bicycle Pedestrian Advisory Committee (BPAC), and other island group meetings.

Previous Work

- Developed the Public Participation Plan and the latest revision in January 2017 to include 21-day public comment period for future long range plans, TIPs, and UPWPs.
- Documents and maps, e.g., bicycle brochure with map and guidance.

Proposed Activities

1. Involve the public in transportation decisions through surveys, public meetings, workshops and ongoing input as needed.
2. Continue to develop and/ or update maps using Geographic Information Systems (GIS)
3. Conduct public outreach island wide on transportation planning and concepts.

Products

- Technical assistance, memoranda, reports, maps and workshops as needed. Examples include: map of 2012-2014 high crash locations, Safe Routes to Schools, Chart of number of elementary school students bicycling and walking to school, complete streets information and forum, compilation and graphs of Steamship Authority passengers, cars, trucks and bicycles carried data for public information.

Schedule

Continuous throughout the year

Task Budget

Staff days required 10

Current year funding \$8,000

Funding source(s) FHWA - \$6,400 /MassDOT - \$1,600

2. Data Collection and Analysis Activities

2.1 Regional Traffic Counting Program and Data Management

Objectives

- Develop and maintain an island-wide traffic counting program.
- Respond to requests as feasible for traffic counts from state and town officials within the region.
- Develop a database of traffic volumes collected along with other specific data characteristics of the transportation system, for use in carrying out studies and measuring change and performance.
- Collect, when necessary, information on the travel behaviors of Island residents and visitors, as well as regional freight movements.

Previous Work

- MVC traffic volume list by site code, including some bicycle traffic counts at various island count locations.
- Updates to the existing system data and usage for the long range transportation plan and specific analyses, such as for local development proposals, safety and/or congested areas.

Proposed Activities

1. Continue collection of automatic traffic recorder count data on Island roads and turning movement counts at some intersections, as feasible.
2. Continue data collection efforts for reviewing and analyzing transportation system components, including transit, intersections, roadways, ferries, and bicycle and pedestrian facilities.
3. Perform MassDOT required ATR counts and upload MassDOT counts to the online system
4. Collect bicycle count data on the Island's bicycle path system and maintain an inventory of bicycle paths, routes and off-road facilities, as well as pedestrian paths and trails and their physical condition of facilities, amenities, and other factors.
5. Continue review of regional traffic conditions and trends.
6. Explore and inquire of local data sources for freight information.
7. Have traffic count basic data available on the website.

Products

- Updated traffic count and MassDOT safety data.
- Reports, technical memoranda, and related graphics applicable to specific projects.

Schedule

To be carried out year-round (staff time and weather permitting), but focusing primarily on the peak summer season of June to September.

Task Budget

Staff days required 48

Current year funding \$38,400

Funding source(s) FHWA - \$30,720 /MassDOT - \$7,680

2. Data Collection and Analysis Activities

2.2 Geographic Information System (GIS)

Objectives

- Maintain a geographic information system (GIS) database and utilize Pictometry Software to integrate transportation planning with land use planning, economic development and environmental protection.
- Maintain the Transportation maps, e.g., the Road Inventory File, Traffic Count locations, high crash locations, scenic roads, bicycle and pedestrian facilities, transit routes and bus stops, and roadway/right of way measurement data, along with demographic, land use and environmental map layers for consideration in transportation developments.

Previous Work

- Maps of transit routes, walking trails, and off-road bicycle-pedestrian path network and gaps.
- Maps of minority and low-income communities.
- MV watersheds maps, parcel maps, DRI projects, environmental, habitat, coastal zone change maps, and areas that could be negatively impacted as a result of climate change.
- Maps as needed for roadway and transportation discussions.
- Creation of hundreds of individual maps and graphics supporting the MVC's planning work (e.g., the maps in the *Martha's Vineyard Transportation Plan* and the *Island Plan*.)

Proposed Activities

1. Continue to create and maintain various databases/GIS map layers, (e.g., road inventories, transit routes, walking trails, and bicycle-pedestrian paths).
2. Update as necessary identified flood location maps, and areas in need of improved drainage related to climate change.
3. Continue to identify and map areas that could be negatively impacted as a result of climate change.
4. Integrate GIS databases/map layers in order to support transportation and land use decision-making.
5. Create new maps for planning analysis and presentations.
6. Attend various GIS related-workshops and training sessions, including the MARPA GIS group, as needed.
7. Review, select and acquire additional hardware and software, as needed.

(Note: The GIS sub-task supports other UPWP activities, such as sub-tasks 1.3, 1.4, 1.5, 2.4, 3.2, and 3.3.)

Products

- Updated road inventory file/GIS layer.
- GIS databases for analysis of regional and local transportation projects.
- Maps, technical memoranda, and related graphics.
- Updated Martha's Vineyard maps, as necessary.

Schedule

Continuous throughout the year

Task Budget

Staff days required 30

Current year funding \$24,000

Funding source(s) FHWA - \$19,200 /MassDOT - \$4,800

2. Data Collection and Analysis Activities

2.3 Performance Measures and Data Collection

Objectives

- Continue participation and coordination with federal and state partners in performance measure development activities for local performance measures.
- Collect related data and review performance measure targets for progress toward goals

Previous Work

- Asset reviews and strategies for management and/or improvement in the *Martha's Vineyard Transportation Plan 2015-2040* and annual TIPs.
- Performance Measures and Targets, October 2015, for Safety, Multimodal options/livability/sustainability, congestion reduction, infrastructure improvements -ferry, stormwater, character related.

Proposed Activities

1. Continue performance measure review, assessment, and development with the Joint Transportation Committee (JTC)
2. Coordinate local performance measures in compliance with island plans and policies and with national and state efforts.
3. Review performance measures and collect data to assess system improvements versus results.

Products

- Performance measure documents

Schedule

Continuous throughout the year

Task Budget

Staff days required 25

Current year funding \$20,000

Funding source(s) FHWA - \$16,000 /MassDOT - \$4,000

2. Data Collection and Analysis Activities

2.4 Demographic Observation and Road Inventory Update

Objectives

- Maintain and update current demographic information to ensure that transportation planning, programming analyses, and forecasting methods are based on the most current demographic information.
- Update road inventory.
- Participate in MassDOT and MARPA process for development of socio-economic forecasts for the next long range plan, develop local town estimates within the regional control number, and outreach to the towns on the estimates once developed
- Continue efforts toward an Island-wide Pavement Management Data Collection Program.

Previous Work

- Commented on MassDOT population and employment numbers for the region during the 2015 long range transportation process, and estimated housing units
- Measured travel way lane, shoulder, and related information of about 130 points islandwide and presented an overview of existing roadway parameters
- Prepared for 2010 U.S. Census and demographic information for the regional long range transportation plans.
- Assisted communities in updating street names for most up to date road inventory files.

Proposed Activities

1. Continue to review, develop, and analyze the latest Census Data and estimates, as it relates to transportation.
2. Continue to collect and update road inventory files using Geographic Information Systems.
3. Collect downtown sidewalk data as feasible and include in GIS Roadway Inventory Files
4. Continue to coordinate with MassDOT and other RPA's on regional and statewide efforts for overall improvements to the program.
5. Identify issue areas and/or improvements that may lead to future Transportation Improvement Program (TIP) projects.
6. Continue data collection efforts for reviewing and analyzing transportation system components, including transit, intersections, roadways, ferries, and bicycle and pedestrian facilities.

Products

- Update downtown sidewalk information in GIS.
- Updated pavement condition information and or maps.
- Reports, memoranda and related graphics.

Schedule

Continuous throughout the year

Task Budget

Staff days required 24.94

Current year funding \$19,954

Funding source(s) FHWA - \$15,963 /MassDOT - \$3,991

3. Transportation Planning Activities

3.1 Project Reviews

Objective

- Coordinate the review and analysis of regionally significant transportation projects and the transportation components of regionally significant land use development projects known as Developments of Regional Impact (DRIs).
- Staff support for Island Roads committee and subcommittees as roadways, context, views, landscapes and components are reviewed toward maintaining and/or enhancing the experience of this special place, e.g., the scenic qualities of Martha's Vineyard roads and roadscapes.

Previous Work

- Reviewed multiple DRIs, participate in site visits, project applicant and consultant meetings, and related discussions, transportation impact analysis, reviews and recommendations.
- Worked with MassDOT and others on projects, such as the Roundabout in Oak Bluffs, the West Tisbury intersection project, the Lagoon Pond Drawbridge project, and Beach Road, Tisbury project.

Proposed Activities

1. Assist applicants with transportation components of developments, as needed. Provide data and assist with technical issues.
2. Review and analyze all DRIs submitted to the MVC under Chapter 831 of the Acts of 1977 requirements for consistency with the *Martha's Vineyard Transportation Plan*.
3. Review background data and conduct site visits as necessary to verify information.
4. Identify appropriate mitigation measures for each project reviewed, and make recommendations to MVC.
5. In assessing public and private proposals, consider the potential impacts on livability, sustainability, climate change, and homeland security as well as the use of performance measures to ensure ongoing effectiveness of solutions.
6. Draft a Transportation Policy for Developments of Regional Impact for the review process, consider potential mitigation measures, and possible funding for implementing improvements to alleviate safety or congestion issues.
7. Present data to state, regional, and local officials and organizations as required.
8. Review and comment on state highway access permits, ENF submittals, and EIR submittals, when these are shared with MVC staff.

Products

- Transportation analyses of DRIs, with recommendations concerning mitigation measures.
- Preparation of related reports, graphics, and analyses.
- Records of all meetings and proceedings.

Schedule

Continuous throughout the year

Task Budget

Staff days required 35

Current year funding \$28,000

Funding source(s) FHWA - \$22,400 /MassDOT - \$5,600

3. Transportation Planning Activities

3.2 Local Transportation Planning Technical Assistance

Objectives

- Provide a mechanism to assist local towns with transportation issues and/or small projects based on discussions with town staff. This may include providing presentations, information, and or meeting with town staff and/or committees to assist in local transportation issues.
- Review proposed developments for transportation components on the site plans and in the vicinity and make recommendations as necessary.
- Assist towns in promoting safety and alternate mode usage.

Previous Work

- Review of multiple DRI's. Attended many public hearings, MVC meetings, Land Use Planning Committee (LUPC) meetings, Joint Transportation Committee (JTC), and Bicycle Pedestrian Advisory Committee (BPAC) meetings.
- Obtained crash data from the state for the most recent years. Identifying the highest crash locations. Participate in Road Safety Audits (RSAs) with initial identification of possible safety improvements.
- Coordinated and scheduled two Complete Streets Workshops, a CS forum, and draft CS policy.
- Completed the Island Plan – the regional comprehensive plan.
- Completed the 2010 Report: Scenic Roads on Martha's Vineyard
- Facilitated formation of the Martha's Vineyard Scenic Roads Committee, in response to input on the changing rural landscape of the roadway and its views.

Proposed Activities

1. Assist local town staff with transportation issues, usage, and potential improvements
2. Continue working with Bicycle Pedestrian Advisory Committee (BPAC)
3. Continue efforts to follow up on the study of extensions of the network of Shared Use Paths (SUPs) connecting central Tisbury, Oak Bluffs, Edgartown, and the network in the State Forest, Identify other issues within the existing SUP and bike path network and possible improvements.
4. Participate in Road Safety Audits at high crash locations and assist in identifying strategies to improve safety.
5. Continue efforts to identify and analyze main congestion areas on the Island.
6. Draft scopes of service and conduct planning activities as necessary. Such activities are submitted to MassDOT and FHWA for approval.
7. Attend educational programs, seminars and training workshops.
8. Explore options for bicycle and pedestrian accommodation on State Road in West Tisbury and Tisbury.

Products

- Studies of regional planning issues
- Preparation of reports, technical memoranda, and graphics.
- Public presentations.

Schedule

Continuous throughout the year

Task Budget

Staff days required 45

Current year funding \$36,000

Funding source(s) FHWA - \$28,800 /MassDOT - \$7,200

3. Transportation Planning Activities

3.3 Regional, Bicycle and Pedestrian Studies

Objectives

- Promote safe traveling conditions for vehicular travelers (auto and transit), bicyclists, and pedestrians.
- Develop recommendations in support of proposed transportation improvements at locations identified through the transportation planning process.

Previous Work

- Conducted Road Safety Audits at the West Tisbury Old County Road and State Road intersection, Upper Main Street in Edgartown, Five Corners in Tisbury, and at Tisbury State Road with Edgartown-Vineyard Haven Road and Look Street intersection.
- Review of trends, data, and observations
- Worked with towns and MassDOT on Tisbury Beach Road, West Tisbury Old County / State Road intersection design and the Oak Bluffs Roundabout.
- A Vissim model of Five Corners was initiated by a private consultant for a development proposal

Proposed Activities

1. Based on existing conditions, outreach and input on the *Martha's Vineyard Transportation Plan (MVTP)*, continue to work with the island community to identify transportation system improvements that could increase livability, mitigate safety or congestion issues.
2. Review and collect additional data as feasible on problem locations identified and consider potential alternatives to mitigate safety, congestion, or other issues.
3. Assist in local transportation planning issues when requested by town officials or in relation to specific development projects.
4. Coordinate efforts with local planning boards, highway departments, and police departments.
5. Continue efforts to explore administration of a bicycle parking program for potentially available TIP funds.
6. Participate in local initiated discussions on local and islandwide transportation and corridor planning activities.

Products

- Ongoing transportation system review for potential future TIP projects and improvements, including safety.
- Preparation of related reports and graphics. Presentation of analyses at public meetings of the JTC and other local meetings.

Schedule

Continuous throughout the year

Task Budget

Staff days required 35

Current year funding \$28,000

Funding source(s) FHWA - \$22,400 /MassDOT - \$5,600

3. Transportation Planning Activities

3.4 Transit and Intermodal Planning

Objectives

- To monitor the region's transit network in order to identify needs and potential improvements.
- To develop practical strategies to effectively manage new and existing public transportation facilities.

Previous Work

- Developed a GIS database of bus routes.
- Coordinated Human Services Transportation Plan.
- Financial information and estimated funds for MVTP and TIP.

Proposed Activities

1. Continue general assistance to the Martha's Vineyard Regional Transit Authority (VTA).
2. Initiate, in cooperation with the VTA, a plan of bus stops and shelters for the Vineyard.
3. Assist VTA in determining pedestrian facility gaps near bus stops.
4. Continue to coordinate with the VTA staff on healthy living / healthy aging objectives.
5. Develop plans for improved intermodal connections.
6. Attend educational programs, seminars, and training workshops.

Products

- Map of VTA route information.
- Coordinated Human Service Transportation Plan.
- Reports and graphics.

Schedule

Continuous throughout the year

Task Budget

Staff days required 16

Current year funding \$12,800

Funding source(s) FHWA - \$10,240 /MassDOT - \$2,560

4. Other Transportation Technical Activities

4.1 Inter-Regional Transportation Activities

Objective

- To participate in the coordination of federal, state, and regional planning activities.

Previous Work

- Consultations required for development of required documents such as the *Martha's Vineyard Transportation Plan*.
- Participation in Massachusetts Association of Regional Planning Agencies (MARPA), the Transportation Managers Group (TMG), Moving Together Conference and other conferences, workshops, and meetings.

Proposed Activities

1. Consult with state and regional planning agencies, as well as with inter-regional carriers of passengers and freight.
2. Review and collect data for the next MVTP update.
3. Participate in the meetings of the Massachusetts Association of Regional Planning Agencies (MARPA) and the Transportation Managers Group (TMG).
4. Participate in the planning of inter-regional transportation projects such as the Steamship Authority fleet, parking, and/or terminals.
5. Review and comment on inter-regional transportation planning materials.
6. Attend educational programs, conferences, seminars, and workshops.
7. Continue development and review of data and performance measures in coordination with federal, state, and regional partners.

Products

- Coordinated planning efforts.
- Reports, memoranda, and related graphics.

Schedule

Continuous throughout the year

Task Budget

Staff days required 35

Current year funding \$28,000

Funding source(s) FHWA - \$22,400 /MassDOT - \$5,600

4. Other Transportation Technical Activities

4.2 Special Tasks

Objectives

- To undertake additional transportation planning tasks as may be mutually agreed to by the staff of the MVC and MassDOT.
- To promote and distribute visitor transportation information map and have online as feasible.
- To distribute an informational bicycle map and educational flyer for recreational rider usage.
- To promote alternative travel modes to the automobile.

Previous Work

- Visitors Map (partial funding related to inclusion of transportation component).
- Bicycle Map and safety flyer, newspaper announcements advertisements.
- Liaisons with towns, local media, and business to promote alternative modes (e.g., letters to businesses addressing problematic driving/parking habits by certain fleet vehicles, improved enforcement of cycling and pedestrian-related laws).

Proposed Activities

1. Undertake any transportation tasks that may arise during the contract period and that are mutually acceptable to the MVC and MassDOT.
2. Continue to update and distribute the MVC's informational map of the Island with respect to transportation components.
3. Update maps and educational materials of regional bicycling facilities and walking trails and continue distribution to the public. Carry out other educational activities related to bicycle and pedestrian safety.
4. Promote alternative travel modes.

Products

- Visitor Map and Cycling Map updated and printed.
- Online "Getting around MV" map developed and established online.
- Continue coordination with towns, local business, and media on alternative modes.

Schedule

Continuous throughout the year

Task Budget

Staff days required 5.0

Current year funding \$4,000

Funding source(s) FHWA - \$3,200 /MassDOT - \$800

A1 Federal Highway Administration (FHWA) Planning Factors

The UPWP addressed the ten FHWA's Planning Factors throughout the document. The following list of the ten planning factors aligns the tasks that are related to each factor.

FEDERAL PLANNING FACTORS	HOW THEY ARE ADDRESSED IN THE UPWP
1. Support the economic vitality of the United States, the States, non-metropolitan areas, and metropolitan areas, especially by enabling global competitiveness, productivity, and efficiency	Since Martha's Vineyard has a primarily visitor-based economy, enhancing transportation opportunity and roadway character while preserving the Island's distinct charm are crucial to all transportation planning activities. Tasks: 3.1, 3.2, 3.3, 3.4, 4.1
2. Increase the safety of the transportation system for motorized and non-motorized users	Improving safety of the transportation system is always considered in planning and project design discussions, such as filling in gaps in the multi-modal path network, improvements to Beach Road, and Road Safety Audit reviews. Tasks: 1.3, 2.1, 2.4, 3.1, 3.2, 3.3, 3.4, 4.1
3. Increase the security of the transportation system for motorized and non-motorized users	Efforts to have Climate Change and/or stormwater issues on roadways considered in design will continue and aim to allow for better protection of transportation infrastructure and community mobility needs. Tasks: 1.3, 2.4, 3.1, 3.2, 3.3, 3.4, 4.1
4. Increase the accessibility and mobility of people and for freight	Planning activities consider all modes and the island context in planning for adjustments to the road network toward improving operations for all users. Tasks: 1.3, 2.4, 3.1, 3.2, 3.3, 3.4, 4.1
5. Protect and enhance the environment, promote energy conservation, improve the quality of life, and promote consistency between transportation improvements and state and local planned growth and economic development patterns	Environmental considerations are always paramount in any transportation planning in Dukes County. The Island Plan, the regional transportation plan, and reviews of local development proposals assists with coordinating transportation improvements and development patterns. Tasks: 1.3, 3.1, 3.2, 3.3, 3.4, 4.1
6. Enhance the integration and connectivity of the transportation system, across and between modes throughout the State, for people and freight	Considerable effort is made to encourage better interconnectivity in the transportation system and components, and additional attempts are ongoing to have comfortable routes for the island's aging population. Tasks: 1.3, 3.1, 3.2, 3.3, 3.4, 4.1
7. Promote efficient system management and operation	The collection and analysis of traffic and transit usage along with public input allows for improved decision making toward coordinated mobility options. Tasks: 3.1, 3.2, 3.3, 3.4, 4.1
8. Emphasize the preservation of the existing transportation system	Due to the constrained financial estimates, most efforts go into enhancing and/or closing gaps in the existing transportation infrastructure. Tasks: 1.3, 3.1, 3.2, 3.3, 3.4, 4.1
9. Improve the resiliency and reliability of the transportation system and reduce or mitigate stormwater impacts of surface transportation	Efforts to have Climate Change and/or stormwater issues on roadways considered in design will continue and aim to allow for better protection of transportation infrastructure and community mobility needs. Tasks: 1.3, 2.4, 3.1, 3.2, 3.3, 4.1
10. enhance travel and tourism	Since Martha's Vineyard has a primarily visitor-based economy, enhancing transportation opportunity and roadway character while preserving the Island's distinct charm are crucial to all transportation planning activities. Tasks: 3.1, 3.2, 3.3, 3.4, 4.1

A2 UPWP Amendment / Adjustment Procedures

The Unified Planning Work Program (UPWP) is developed each spring to outline a planning program for the next federal fiscal year beginning on October 1. There may be occasions where an issue comes up to study that was not expected in the spring development phase, or a particular project or study takes more time to complete than anticipated, therefore, a process to accomplish the UPWP change is established herein.

In the event that the UPWP is required to be changed, this section outlines the process to effect the change.

There are two basic levels of a change to the UPWP.

1) **Adjustment.** If an existing UPWP task needs modification in the description or amount, this would be considered a minor change, or Adjustment, and the Joint Transportation Committee (JTC) would vote to make the change to the existing UPWP. A letter would then be sent to MassDOT Office of Transportation Planning (OTP) for OTP's sign off on the change.

2) **Amendment.** If the UPWP task is to be eliminated, or a new task inserted, along with coinciding budget changes, this is considered a change that would require additional public outreach. The JTC would vote on the change, and the revised UPWP would be released for a 21-day public comment period.

A3 Planning Funds Distribution Statewide

	FFY 18	FFY 17	Δ
apportionment obligation authority	\$ 9,325,022	\$ 9,074,202	
federal PL funds only	93.1%	93.1%	
matching funds added	\$ 8,683,460	\$ 8,449,897	
	\$ 10,854,326	\$ 10,562,371	2.69%

PL funds are provided to the MPOs from the previous year's federal-aid ("forward funded")

The recommended PL Allocation Formula was developed by the Massachusetts Association of Regional Planning Agencies and recommended by MassDOT to FHWA, is based upon the following three factors: 40% of available funds divided equally among the ten MPOs, 30% is allocated based on each MPO's relative share of Massachusetts population, and 30% is allocated based on each MPO's relative share of urbanized population. These factors result in the percentages shown.

MPOs PL funded	Contract status	40% of total funds / ten MPOs		30% of funding for relative size of population		30% of funding for relative size of urbanized population		Total FFY18 funding by MPO	Federal aid number	PARS number
		\$		\$		\$				
		\$ 4,341,730		\$3,256,298		\$3,256,298		\$ 10,854,326		
Berkshire	Yr 2	\$ 434,173	131,219	2.03%	\$ 66,251	88,795	1.49%	\$ 48,579	\$ 549,003	
Boston		\$ 434,173	3,161,712	48.56%	\$ 1,581,198	3,098,347	51.57%	\$ 1,679,135	\$ 3,694,506	
CTPS	Yr 1								\$ 2,992,550	
MAPC	Yr 1								\$ 701,956	
Cape Cod	Yr 2	\$ 434,173	215,888	3.35%	\$ 108,999	198,826	3.34%	\$ 108,776	\$ 651,948	
Central Mass	Yr 3	\$ 434,173	556,698	8.63%	\$ 281,070	462,724	7.77%	\$ 253,153	\$ 968,395	
Merrimack Valley	Yr 2	\$ 434,173	333,748	5.17%	\$ 168,505	316,362	5.32%	\$ 173,079	\$ 775,757	
Montachusett	Yr 3	\$ 434,173	236,475	3.67%	\$ 119,393	171,236	2.88%	\$ 93,682	\$ 647,248	
Northern Middlesex	Yr 2	\$ 434,173	286,901	4.45%	\$ 144,853	277,474	4.66%	\$ 151,804	\$ 730,830	
Old Colony	Yr 3	\$ 434,173	348,527	4.94%	\$ 160,856	328,231	5.02%	\$ 163,627	\$ 758,656	
Pioneer Valley	Yr 2	\$ 434,173	621,570	9.64%	\$ 313,823	537,074	9.02%	\$ 293,829	\$ 1,041,825	
Southeastern Mass	Yr 3	\$ 434,173	616,670	9.56%	\$ 311,349	531,236	8.93%	\$ 290,635	\$ 1,036,157	
		\$ 4,341,730	6,449,550	100.00%	\$ 3,256,298	5,952,013	100.00%	\$ 3,256,298	\$ 10,854,326	

RPAs SPR funded	Contract status	Δ	SPR the year before (federal only)		FFY 18 total funding by RPA	Federal aid number	PARS number
				\$			
Franklin	Yr 2	2.69%	\$	421,653	\$ 541,243		
Martha's Vineyard	Yr 2	2.69%	\$	241,780	\$ 310,354		
Nantucket	Yr 1	2.69%	\$	205,664	\$ 263,995		

The SPR funding provided to the RPAs not officially recognized as MPOs is adjusted year-to-year based on the change in funding experienced by the MPOs for their PL funds.

A4 Notice of Draft/Opportunity for Public Comment

Martha's Vineyard Joint Transportation Committee (JTC)

Martha's Vineyard Joint Transportation Committee (JTC) has released two draft documents developed under the ongoing transportation planning process for public review and comment.

These two draft documents are produced annually:

- MV Transportation Improvement Program (TIP) FFY 2018-2022
- FFY 2018 Unified Planning Work Program (UPWP)

The Transportation Improvement Program (TIP) FFY2018-2022, a five-year program of Martha's Vineyard proposed transportation projects within estimated federal and state funds, and the FFY 2018 Unified Planning Work Program (UPWP), planning activities for the next year in the region, have been developed and released for public comment.

You are invited to review and submit any comments on these transportation planning documents which have been developed in cooperation with federal, state, and local partners in the ongoing transportation planning and programming process.

The documents are available online at: www.mvcommission.org

To find the Martha's Vineyard transportation documents on the MVC Website, please search for "TIP" – for the program of projects to be implemented from estimated Federal and State funds "UPWP" --for the program describing the annual planning activities

Written comments must be received prior to the close of the public comment period at 9:00 am on May 17, 2017, via mail or email to:

Martha's Vineyard Joint Transportation Committee
c/o Martha's Vineyard Commission
P. O. Box 1447
Oak Bluffs, MA, 02557-1447

Or, via email with the subject line as: "TIP comment" or "UPWP comment" to leclerc@mvcommission.org

Comments received:

A5 Previous Development and Planning Assistance by Town

As a regional planning agency the staff of the Martha's Vineyard Commission provide planning for the island and assistance to towns. Many times an informal request comes in through email or via telephone to look at certain locations in town, perform traffic counts, assess traveling speeds, consult on potential low cost improvements for better pedestrian, bicycle, and transit coordination to provide safer areas and connections. MVC staff also participate in Planning Board meetings and other local groups and committees for discussions about corridor land use and related planning ideas and suggestions, complete streets improvements for local towns, downtowns, and considerations for transit stops and access along with healthy aging working group concerns and suggestions.

In addition, MVC is enabled under state law to review Developments of Regional Impact (DRIs) In these DRI reviews, transportation is one of the components in the site plan and area that is analyzed at different levels depending on the development scope or size. A smaller project review may just look at the existing conditions, trip generation, sight distance, nearby bus routes, and report verbally on the basic information. A proponent of a larger project may be required to have a consultant prepare a transportation impact assessment study in order to have a more complete view of potential impacts and suggested mitigation; this study is then reviewed by MVC staff. All developments that trigger a DRI review are encouraged to provide bicycle and pedestrian connections from the development to the street, and to the transit system where available. MVC also encourages employer purchasing of transit passes for employees. The **Summary Table of Planning Assistance by Town** provides an overview of MVC staff activities by town.

Summary Table of Planning Assistance by Town

Town	2013	2014	2015	2016	2017	Total	Item
Aquinnah		2	1	2	2	7	Lighthouse Move, Beach parking lot discussion/site visit, bicycle-pedestrian and transit considerations at the circle; Philbin Beach access walkway, subdivision lot lines adjustment review; complete sts info.
Chilmark	1	1	1	3	5	11	Subdivision (85.5 acres total), Remote parking lot sketch of potential spaces; Menemsha parking and remote shuttle; Causeway and beach parking lot changes 2016; 3 subdivisions 2017 (1 withdrawn); provided information / guidance for planning board transportation related discussions
Edgartown	2	8	6	4	2	22	2 commercial, 2 mixed use comm/residential, comm. parking & access revision, add apartments to commercial, 3 residential subdivisions, historic home demolition, utility, revise cottages development, Upper Main St. Road Safety Audit, Meshacket Road area traffic, Edgartown-Vineyard Haven cross section concepts, speed limit information and MassDOT guidance, Downtown sidewalk inventory; general store, Chappaquiddick cell service / wireless antenna; grocery store expansion
Oak Bluffs	5	8	0	11	6	30	SSubdivision, Pier, Church expansion, paving driveway, housing units expansion, bowling alleyLake & Oak Bluffs Avenue, Roundabout, Safe Routes to School, Streetscapes; participation in OB streetscapes meetings and discussions; provided complete streets info; Edgartown-Vineyard Haven Road corridor discussions; Sharks baseball field add bathrooms, subdivision off of Barnes Rd; art center expansion; additions to water tower antenna; renovations with housing added at Island Inn-Phillips Hardware-Lampost; solar on farm field; modification to 26 lot 2004 subdivision; North Bluff sea wall; MVRHS athletic fields; Bowling modification; historic demolition; Arena addition.
Tisbury (Vineyard Haven)	7	14	5	7	12	45	8 commercial, warehouse & housing unit, add housing to offices, marina building, housing for sober living, containers, and undersea cable; Lagoon Pond Drawbridge, Five Corners Road Safety Audit (RSA), State Rd., Edg-VH Rd., & Look St. RSA, Beach Road; school area speed and volume count; parking committee, complete sts; Mixed use residential & commercial building; pizza seating; renovation adding commercial kitchen; subdivisions; new bank; historic demolition; restaurant expansion; takeout cafe; retail on Main St; Cook Rd mixed use building; museum; bicycle pedestrian accommodation on State Road discussions and exploring alternate routes; provided information on Lagoon Pond Road bridge, small bridge program, & potential inspection spring 2017.
West Tisbury	2	3	1	4	2	12	State Road at Old County Road intersection improvements, West Tisbury; School addition, education center at the arboretum, cell tower, and marijuana dispensary; provided info speeds, small bridge program, complete streets
Gosnold				1	1	2	Provided information on Chapter 90 & State Aid contact information, and TIP funds for Gosnold. Also sent basic Gosnold info to developer of MA Municipal Guide.
Island Wide	2	3	4	2	1	12	SUP network feasibility study; Joint Transportation Committee, Bicycle Pedestrian Advisory Committee, Island Roads Committee, and other local groups. Complete Sts (CS) workshop & info for all towns; Data collection/trends
Totals	19	39	18	34	31	141	

A6 Acronyms

AAB	Architectural Access Board
ABA	Architectural Barriers Act
ADA	Americans with Disabilities Act
ADT	Annual Daily Traffic
ATR	Automated Traffic Recorder
CAAA	Clean Air Act Amendments
CFR	Code of Federal Regulations
CO	Carbon monoxide
CO2	Carbon dioxide
DCR	Massachusetts Department of Conservation and Recreation
DEIR	Draft Environmental Impact Report
DEP	Department of Environmental Protection
DOT	United States Department of Transportation
EIR	Environmental Impact Report
EEA	Executive Office of Energy and Environmental Affairs
EPA	Environmental Protection Agency
FAQ	Frequently Asked Question
FEIR	Final Environmental Impact Report
FHWA	Federal Highway Administration
FONSI	Finding of No Significant Impact
FRA	Federal Railroad Administration
FTA	Federal Transit Administration
GHG	Greenhouse Gas
GPS	Global Positioning System
ITE	Institute of Transportation Engineers
LOS	Level of service
MassDEP	Massachusetts Department of Environmental Protection
MassDOT	Massachusetts Department of Transportation
MassGIS	Massachusetts Geographic Information System
MBTA	Massachusetts Bay Transportation Authority
MGL	Massachusetts General Law
MEPA	Massachusetts Environmental Policy Act
MHC	Massachusetts Historic Commission
MOA	Memorandum of Agreement
MPO	Metropolitan Planning Organization
MUTCD	Manual on Uniform Traffic Control Devices
NAAQS	National Ambient Air Quality Standards
NEPA	National Environmental Policy Act
NHPA	National Historic Preservation Act
NOx	Oxide of nitrogen
NO2	Nitrogen dioxide
O&M	Operating and Maintenance
PLOS	Pedestrian Level of Service
PM	Particulate matter
PPM	Parts per million
ROW	Right-of-way
SIP	State Implementation Plan
STIP	State Transportation Implementation Plan
SUP	Shared Use Path
TIP	Transportation Improvement Program
TOD	Transit-oriented development
USC	United States Codes
YOE	Year-Of-Expenditure

A7 Endorsements

This is to certify that we, the undersigned members of the decision-making body for the Martha's Vineyard Region; do hereby approve and endorse the Martha's Vineyard Commission FFY2016 Unified Planning Work Program, in accordance with the certified 3C Transportation Planning Process, and in accordance with the 23 CFR Part 450.324 (Development and content of the Transportation Improvement Program) of the March 16, 2007 Final Rules for Statewide and Metropolitan Planning.

Stephanie Pollack, Secretary and Chief Executive Officer
Massachusetts Department of Transportation

Date

Thomas Tinlin, Administrator
Massachusetts Department of Transportation

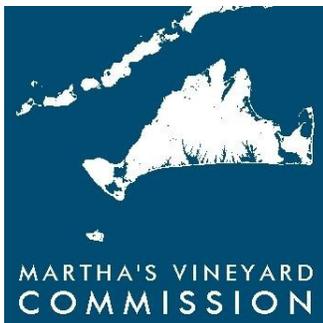
Date

James Vercruysse, Chairman
Martha's Vineyard Commission

Date

Alice R. Butler, Chairman
Vineyard Transit Authority

Date



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