



CAPE COD
COMMISSION

Pavement Management 2019 Status Report

December 2019





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1. Introduction

As an essential task required by the Cape Cod Metropolitan Planning Organization (MPO) through its Unified Planning Work Program, this report provides the status of pavement condition assessment activities on Cape Cod. The objectives of this effort are to collect data and implement a regional pavement management system for Cape Cod to provide an objective rating of pavement conditions and needs.

The pavement management process is conducted with the intent to keep the roadway system in the best possible condition with the most efficient use of available funds. There are distinct advantages to managing pavement condition and significant cost savings that can take place with preventative or rehabilitation measures rather than waiting until a road needs reconstruction. Of course, due to the reality of limited financial resources, it is necessary to prioritize pavement repair based on affordability. Deciding which roads to improve and by what technique in a fiscally responsible manner is the essence of Pavement Management.

As stated in the MPO-approved Cape Cod 2020 Regional Transportation Plan, the goal of the pavement management process is to improve the overall pavement condition of all federal aid-eligible roads. Specifically, a four-year performance measure target has been set to have 30% of all non-interstate roads to be in “good” condition.

1.1 PAVEMENT MANAGEMENT SYSTEMS - BACKGROUND

Pavement Management is the practice of planning for pavement repairs and maintenance with the goal of maximizing the value and life of a pavement network.

To accomplish this, a community needs to have several repair techniques in its arsenal and the knowledge of when to apply them. This is where pavement management comes into play. With a comprehensive database of road conditions, the pavement management software can model when to perform which repairs on a road network. Of course, engineering judgment is required to finalize any list of street repairs, as no computer model can take every variable analyzed in making a repair decision into account. The computer system is a great springboard to help a community start its repair program for each year and is an excellent method of storing the repair data.

Below is a model of how a street’s pavement deteriorates over time. Interpreting the curve, a street starts out in excellent condition when it is newly constructed. Midway through its life, a low-cost repair such as crack seal and full depth patch will cost approximately a dollar a square yard. It takes only a few years for the window of opportunity to perform this low-cost maintenance to pass after which the road would need an overlay costing \$13 - \$17 per square yard. By performing timely maintenance, road conditions can be improved today thereby extending the life of the road.

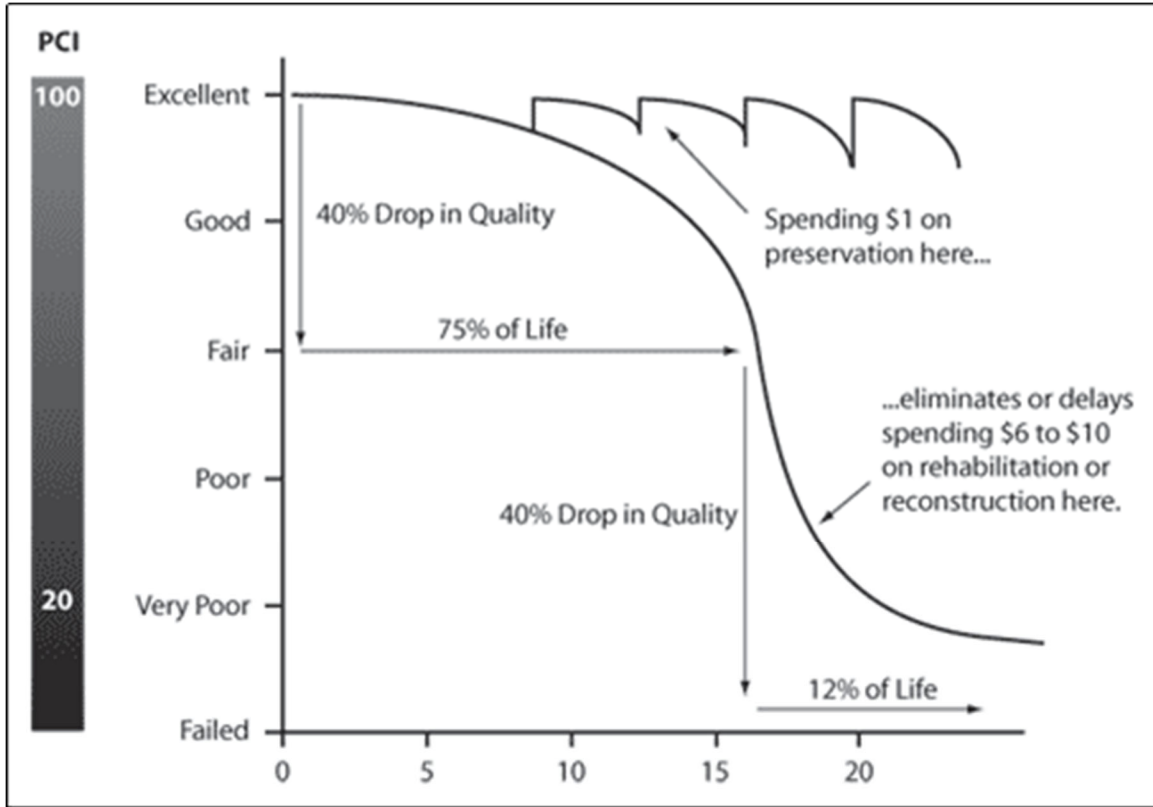


Figure 1 - Pavement Deterioration Curve

Source: Federal Highway Administration

1.2 EVALUATION CRITERIA FOR CCC DATA COLLECTION

The Cape Cod Commission has continued to collect pavement condition data since 2011 through two distinct efforts: a series of “Windshield Surveys” and spot observations at specific locations where the seasonal traffic technicians were installing Automatic Traffic Recorders (ATRs). In both cases observers were given photographs and descriptions of example pavement distresses. Observers used a 1 – 5 rating system and made notations of distresses observed in the field. Copies of the field observations for the most recent three-year period (2017-2019) are provided in the appendix of this report. The following table is a summary of the guidance given to observers:



Table 1 - CCC Evaluation Criteria

Condition	Description	Criteria
1	Very Good to Excellent	New pavement with no cracking, rutting, raveling/ signs of wear
2	Good to Very Good	No cracking, rutting, showing a little wear
3	Fair to Good	Showing evidence or more wear and possibly repairs that are in good condition
4	Poor to Fair	Evidence of cracking, rutting, serious wear
5	Poor	Severe cracking, rutting, potholes

1.3 SURVEY OF CAPE COD COMMUNITIES' PAVEMENT MANAGEMENT ACTIVITIES

In September 2019, an email was sent to each of the 15 towns' Department of Public Works directors to ask for an update on their current pavement management activities. The following pages summarize the current pavement management efforts underway among the towns.

1.3.1 BARNSTABLE PAVEMENT MANAGEMENT ACTIVITIES

The Town of Barnstable utilizes detailed survey and analysis performed by BETA Group as a Consultant. Their work is entered onto Barnstable's database and periodic reports are provided and discussed. The DPW participates in the data analysis, particularly in the cost analysis. DPW reviews project bids received by the Town and establishes base line costs for each pavement treatment band. These costs are discussed with the town's consultant - then utilized in the pavement conditions report. In addition to the BETA work, the DPW maintains a record of roadway repairs and relies upon experienced field personnel to assist in planning for individual maintenance tasks such as crack & chip seal. DPW also informally monitors the performance of all treatments. Key to the pavement management program is coordination with other utilities and proposed roadway rehabilitation information is passed to utility companies 6-12 months in advance of construction. A moratorium is in place for 5 years after application of a new surface. The Town of Barnstable does not maintain a public "5-year plan" - because of political considerations.



Submitted materials include:

- BETA-prepared “2018 Pavement Summary Report”. The report contains a summary of the Town’s Pavement Management Program, approach, description of the roadway surface survey process, summary of findings, capital planning and typical costs for various items involved in pavement repair and related road work. See section 1.4.1 for discussion of BETA Pavement Management Systems.

1.3.2 BOURNE PAVEMENT MANAGEMENT ACTIVITIES

The Town of Bourne retained BETA Group, Inc. (BETA) to develop a Pavement Management Program (PMP) for its Town maintained roadways in 2012. This comprehensive study was undertaken with the goal of establishing an extensive database of roadway surface conditions in order to produce a prioritized list of improvements. The PMP is a planning tool intended to provide the foundation to manage the town’s roadway resources by combining professional engineering metrics with local institutional knowledge. These efforts will result in the creation of a dynamic Capital Improvement Plan for the Town’s roadway network. BETA and Town Staff will work together to identify goals with regard to roadway network condition.

The roadway survey in Bourne, consisting of paved, town-accepted roadways, was most recently completed in the Fall of 2017. A total of 97.85 miles of roadway were inspected by BETA’s field team. The collection effort focused on the primary categories of roadway data including roadway length, width, segment start/end points, surface type, and pavement condition. Additional roadway elements including curbing, sidewalks, striping, roadway width, and pavement material were also assessed as part of this inspection process and recorded in the database.

Upon completion of the survey, the overall Road Surface Rating (RSR) value for Bourne’s public roadway network was 75.97. The overall RSR represents a benchmark for performance measuring of the Town’s pavement management program moving forward. If the overall RSR were to drop in the years to come, this would be a sign that the program needs to be adjusted or funding for the program may need to be increased. Repair strategies and associated unit costs were defined to develop the Backlog Summary. The current backlog summary for the Town’s roadway network is approximately \$10.8 Million. This budgetary dollar figure represents the funding necessary if the Town were to perform all required maintenance for the Town’s road network within the next year.

The Town will continue to monitor its progress and roadway rating by performing periodic network inspections and is committed in maintaining and improving its roadway network.



1.3.1 BREWSTER PAVEMENT MANAGEMENT ACTIVITIES

In 2015, the Town of Brewster published its “Pavement Management Plan” (PMP). Prepared by the consultant CDM Smith, the plan included the following findings:

- The Town’s overall Pavement Condition Index (PCI) was a 73.
- If no further money were spent on roadways for 10 years, that PCI would decline to 63.
- Performing all the work necessary on the roads as of the inventory date would cost in the order of magnitude of \$12 Million.
- Maintaining the existing PCI of 73 would cost approximately \$1.1 Million per year over the next 5 years.
- Continuing to spend at present levels (\$470K, if all went to roadway work) will result in a decline over the next 5 years to a PCI of 71. As it nears the critical PCI of 55, the overall condition will decline more rapidly.
- To reach a target PCI of 80 in 5 years, the Town would need to spend approximately \$2.3 Million per year.

The town has utilized the software “MicroPaver” to perform inventory management, calculate Pavement Condition Index ratings, and other pavement management functions. In 2015, the town passed a \$10 million road bond. Currently, the town is prioritizing a reconstruction and complete streets project on Millstone project. As of Fall 2019, the town is looking to solicit a new consultant to perform an update to their PMP.

1.3.2 CHATHAM PAVEMENT MANAGEMENT ACTIVITIES

The Town of Chatham has retained the firm of BETA Group, Inc. (BETA) to develop a Pavement Management Program (PMP). BETA’s pavement services include performing a detailed visual inspection, calculation of a Roadway Surface Rating (RSR), and recommendation of required maintenance for each roadway segment. BETA compiles the pavement data into a web-based application to allow the town to actively manage their priorities.

1.3.3 DENNIS PAVEMENT MANAGEMENT ACTIVITIES

The Town of Dennis is currently evaluating various pavement management systems but has historically used VHB’s Pavement Management for guidance. The term “guidance” is used because while VHB keeps Dennis’ pavement quality records, does field verification on a 1/5th per year basis, grades the town’s roads and makes recommendations for repairs, the town has to spend road funds based on several factors that the program is not designed to consider. These local parameters are: some work in each of Dennis’ 5



villages each year, reconstruction of failed roads, resurfacing of dirt roads and lumping the type of repair to give off-cape vendors enough to give the town a reasonable rate.

The town has not had an assessment prepared of estimated costs for various repair strategies for several years. The town's road budget for pavement improvement has been consistently funded between \$400,000 to \$600,000 per year for "secondary roads" but can vary depending on other capital requests. Chapter 90 funds are primarily (not exclusively) used for primary roads.

1.3.4 EASTHAM PAVEMENT MANAGEMENT ACTIVITIES

Along with a consultant, the Town of Eastham embarked on a town-wide condition and assessment survey of all its private ways and town-maintained public roads, prompted mainly by the on-going construction of its town-wide water distribution network, with the purpose of assisting in the preparation of a Capital Improvements Plan (CIP).

A summary of the survey revealed the following information:

- Eastham has a total of 114 centerline miles broken down as follows:
 - 55 miles of which are town-maintained (non-State or Federal) public roads
 - 59 miles of which are private ways
- Surface Information:
 - 54 miles of the town-maintained public roads are paved
 - 1 miles of the town-maintained public roads is unpaved
 - 25 miles of private ways are paved
 - 34 miles of private ways are unpaved
- Pavement Condition Index (PCI):
 - The average PCI, prior to the construction of the water distribution network, was 88 for paved town-maintained public roads and 79 for paved public ways

Due to the disruption created by the water distribution construction project, the Town of Eastham is currently working on a Capital Improvements Plan to repair all town-maintained public ways, as well as on updating its current Temporary Repairs on Private Ways bylaw to provide a vehicle for residents of private ways to petition the Town for assistance with certain kinds of repairs. Once paving repairs begin in earnest in the Fall 2019 and Spring 2020, the Town plans to update both their current pavement



management software and data in order to maintain and update the system for years to come.

The Town of Eastham is also a Massachusetts Complete Streets Tier 3 community, and as such will be looking to include multimodal access options in all repairs related to its Roadway Capital Improvements Plan.

1.3.5 FALMOUTH PAVEMENT MANAGEMENT ACTIVITIES

Falmouth continues to use VUEWorks Asset Management Software to track their Public Works Assets. Their pavement rating system is based on the ASTM rating system. A complete survey of pavement within the town was performed over seven years ago with the help of an engineering consultant. Falmouth uses a couple of strategies to determine their repair schedule. The town has a 10-year roadway plan for major repairs. This is funded by the town operating budget and a Capital Plan. The town also has a service call/ work order system to take requests from the public for signs, potholes, sweeping and grading, etc. The town does some work in-house and contracts its crack sealing and large repairs out. These are covered by the town operating budget and Capital Plan.

1.3.6 HARWICH PAVEMENT MANAGEMENT ACTIVITIES

The Town of Harwich DPW currently works with StreetScan to maintain a road management database. StreetScan conducted a pavement survey for the Town in 2018. The DPW does not utilize the database to develop a PCI (Pavement Condition Index). The town rates roads in 1 of 4 structural conditions: good, fair, deficient, intolerable

The DPW does have a five-year road maintenance plan that is updated every few years and is available on the Harwich website. The town uses Chris Nickerson, Highway Road Manager who is a certified pavement inspector, to develop a plan based on his experience, training and knowledge of Harwich's 481 public roads (142 miles). The town attempts to balance maintenance with repair to avoid costly reconstruction utilizing many different processes and procedures.

The Town of Harwich typically spends \$1.5 million on their annual road maintenance program which is usually comprised from \$700,000 in Chapter 90 funds, \$700,000 in a local article and \$100,000 in budget. However, no road article was supported for FY 2020.

1.3.7 MASHPEE PAVEMENT MANAGEMENT ACTIVITIES

The Town of Mashpee hired Fay, Spofford and Thorndike (now Stantec) in 2014 to complete a town-wide pavement assessment. The Town is proposing an update to this report this year. The assessment excluded the Town's major collector roads as improvements on these are funded through Chapter 90 (regular maintenance is funded



through the operating budget). Improvements to the local/neighborhood roads are funded through the operating budget. The Town uses the assessment in the study to prioritize the projects to be completed on these local roads. The Town has a two-year capital plan which is updated annually based on funding.

One of the challenges is that the current level of funding in both Chapter 90 and the operating budget is not sufficient to maintain the roads to an acceptable PCI. This is due partly to inclusion of "Complete Street" improvements on the collector roads (sidewalks, shared use paths, etc.) and the need for isolated improvements (not part of larger road project) to drainage infrastructure in response to the increased frequency/intensity of storms as well as the funding amounts not keeping up with increased construction costs.

1.3.8 ORLEANS PAVEMENT MANAGEMENT ACTIVITIES

In Spring 2019, the Town of Orleans retained the firm of Vanasse Hangen Brustlin (VHB) to update the Town's pavement management system by performing pavement condition evaluations on all Town-maintained roadways and parking lots with the goal of prioritizing pavement maintenance and rehabilitation projects and analyzing budgetary needs. With this year's efforts, VHB conducted a street survey and compiled a report update. Historically, the Town performs a pavement management study update every five (5) years.

The current network PCI rating is 83, which is up from 79 in 2013. The Town appropriates about \$365,000 per year for pavement management above and beyond Chapter 90 funds. VHB estimates that a current budget of approximately \$660,000 per year is anticipated to maintain the average PCI over the five-year study period but will allow the backlog of work to increase due in part to inflation.

1.3.9 PROVINCETOWN PAVEMENT MANAGEMENT ACTIVITIES

Environmental Partners Group (EPG) was hired in 2016 to update the Town's pavement management program that has been used to assess existing roadway pavement conditions and establish a Capital Improvement Plan (CIP) for improvements. The planning tool continues to be utilized to establish an order-of-magnitude budget for roadway maintenance and reconstruction.

Recent roadway improvement activities include:

- Completed the reconstruction of 2,600 linear feet of Commercial Street in the Spring 2019. Work included reconstructing all drainage infrastructures, replacing



water service lines, new sidewalks and installation of a porous pavement roadway. Project cost \$3.1 Million.

- In the past year the Town has resurfaced several roadways with approximately 2,000 tons of asphalt.
- Received \$95,250 in grant funding from The Office of Coastal Zone Management to develop finalized drawings to reconstruct Commercial Street – Phase 5.
- Redeveloped the Bradford / Standish Street Intersection to accommodate an increase in pedestrian and vehicular demands while providing green infrastructure to assist in stormwater management.

1.3.10 SANDWICH PAVEMENT MANAGEMENT ACTIVITIES

The Town of Sandwich works with the firm of Vanasse Hangen Brustlin (VHB) to perform pavement management services. The VHB study was undertaken to re-evaluate pavement conditions in Sandwich and to allow for the analysis of various funding scenarios. VHB performed a detailed inspection of the condition of the pavement on all town-maintained roads and updated a database of this information using VHB's "Smart Asset Management and Inventory System" (SAM) software. This year's efforts are focused on updating data with recent repairs and evaluating funding scenarios.

To determine road repair strategies, the town mainly uses PCI (Pavement Condition Index) and Benefit. For estimated costs for implementing various repair strategies, the town uses the County's bid process and incorporates these into their own spreadsheets. The town's 5-Year plan changes dramatically year-to-year but provides a guide to follow as funds become available.

1.3.11 TRURO PAVEMENT MANAGEMENT ACTIVITIES

Truro uses local knowledge to determine pavement repair priorities.

1.3.12 YARMOUTH PAVEMENT MANAGEMENT ACTIVITIES

The Town of Yarmouth works with the firm of Vanasse Hangen Brustlin (VHB) to perform pavement management services. VHB services consist of performing a comprehensive study to evaluate pavement conditions in Yarmouth and to allow for the analysis of various funding scenarios; perform a detailed inspection of the condition of the pavement on all town-maintained roads and update a database of this information using VHB's SAM software.



To determine repair strategies, the town reviews an initial list generated by the software and then decides whether to apply chip seal, double chip seal, or overlay. Main roads are treated with rubber chip seal or overlay. In the town's capital plan, annual spending ranges from \$1.3 million to \$1.5 million for roadway maintenance.

1.3.13 WELLFLEET PAVEMENT MANAGEMENT ACTIVITIES

The Town of Wellfleet retained the firm of BETA Group, Inc. (BETA) to develop a Pavement Management Program (PMP) in 2015. The Town is currently looking at updating the PMP.

In addition, the Town DPW actively keeps their own list and performs inspections on a regular basis. In Fall 2019, the following roads will be resurfaced: sections of Long Pond Road, sections of Gull Pond Rd, Schoolhouse Hill Rd, Coles Neck Road and sections of Brown's Neck Road.

1.4 SUMMARY OF TOWN PAVEMENT MANAGEMENT EFFORTS

Based on responses from the September 2019 email survey and subsequent follow-up, the following table summarizes the activities that responding towns use for pavement management.



Table 2 – Municipal Pavement Management Activities Summary

Town	Pavement Management Consultant	Software Program	Latest Survey Year
Barnstable	BETA Group Inc.	BETA - Microsoft Access	2018
Bourne	BETA Group Inc.	BETA - Microsoft Access	2017
Brewster	CDM Smith	MicroPaver	2015
Chatham	BETA Group Inc.	BETA - Microsoft Access	2018
Dennis	VHB	VHB - SAM	
Eastham	Environmental Partners Group	none	2016
Falmouth	TBA	VUEWorks Asset Management	2012
Harwich	StreetScan	Streetlogix	2018
Mashpee	Stantec	Cartegraph Systems	2015
Orleans	VHB	VHB - SAM	2019
Provincetown	Environmental Partners Group	none	2016
Sandwich	VHB	VHB - SAM	
Truro	none	none	
Yarmouth	VHB	VHB - SAM	
Wellfleet	BETA Group Inc.	BETA - Microsoft Access	2015

As seen in Table 2, the most prevalent technique used by local municipalities is using a Pavement Management System developed by an engineering consultant. BETA Group, Inc. (BETA) and Vanasse Hangen Brustlin (VHB) are the two most commonly used consultants who assist towns with their pavement inventory and management systems on Cape Cod. The use of a consultant allows a third party to perform the pavement inspections and compile the results. Both consultants compile results into a user-friendly GIS application, which allows the towns to easily access and track pavement activities. A



slight variation between the two consultants is that BETA classifies the pavement results using a Road Surface Rating (RSR) while VHB follows the PCI rating system. Both systems use a 0-100 scale to describe the general condition of the roadway.

2. Pavement Management Analyses

According to information prepared for the Cape Cod Regional Transportation Plan, the Cape Cod Region possesses 738.98 miles of roadway eligible for federal funding. Of those miles, 565.0 are under the jurisdiction of the Cape’s local communities.

MassDOT evaluates roads under their own jurisdiction and a selection of municipally owned roadways. The following table lists the corresponding rating from Excellent to Poor, based on a “PSI” (Pavement Serviceability Index) rating – roughly analogous to the “Pavement Condition Index” (PCI) commonly used.

Pavement Condition	Excellent	Good	Fair	Poor
“PSI” Range	PSI \geq 3.5	PSI 2.8-3.5	PSI 2.3-2.8	PSI $<$ 2.3

2.1.1 CCC EVALUATIONS OF PAVEMENT CONDITIONS – “WINDSHIELD” SURVEYS

Since 2011, Cape Cod Commission staff have performed “windshield” surveys throughout Barnstable County. In 2014, a new data collection strategy was deployed, based on Geographic Information Systems’ needs and strengths. Data-collection regions of each town were identified which contained roughly one-third of the mileage of federal-aid eligible municipal roadways. The quality and accuracy of the data collection was greatly improved using GPS-capable tablet computers. The following figure shows the roadways that the CCC staff collected data on in 2019.

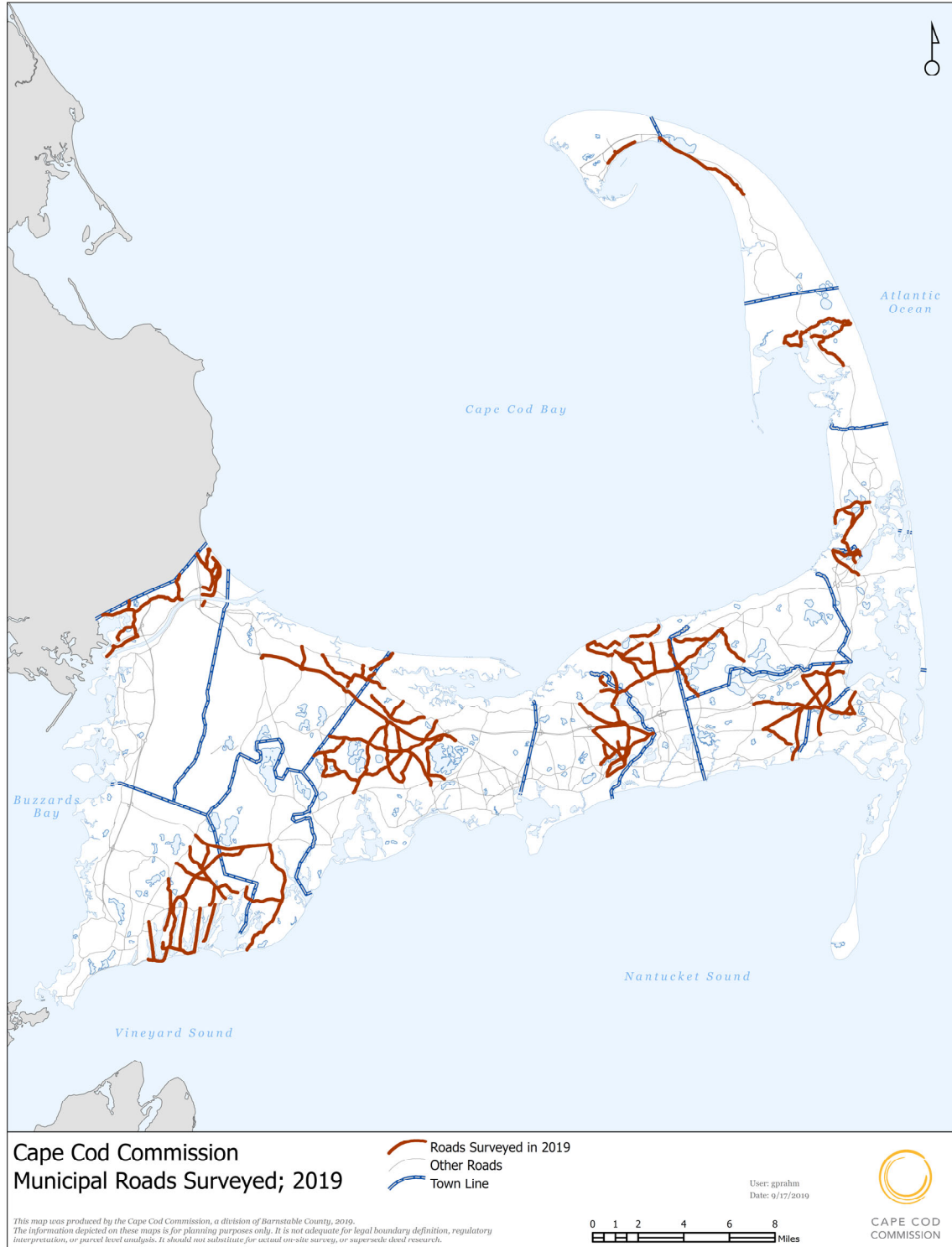


Figure 2 - Municipal Roads Surveyed in 2019



The following table provides a summary by town of the Cape Cod Commission’s windshield survey data.

Table 3 – Surveys of Pavement Condition - miles

Town	Very Good to Excellent	Good to Very Good	Fair to Good	Poor to Fair	Poor	Totals
Barnstable	1.1	39.8	55.3	14.4	1.0	111.6
Bourne	1.3	2.8	26.7	10.6	0.4	41.7
Brewster	0.9	3.0	15.2	6.8	0.6	26.5
Chatham	0.0	1.0	7.4	4.4	0.0	12.8
Dennis	2.5	20.8	20.2	2.0	0.0	45.5
Eastham	1.5	4.1	1.9	9.3	0.0	16.9
Falmouth	1.8	14.8	44.3	23.8	0.4	85.2
Harwich	0.2	13.6	19.1	10.0	0.2	43.1
Mashpee	0.0	4.9	20.9	2.2	1.7	29.6
Orleans	1.6	8.3	6.1	0.4	0.6	16.9
Provincetown	0.8	0.6	11.9	0.0	0.0	13.3
Sandwich	0.1	7.3	21.7	5.7	3.2	37.9
Truro	0.0	0.0	8.4	4.0	0.0	12.4
Wellfleet	0.5	3.0	14.7	1.5	0.0	19.7
Yarmouth	1.6	18.1	30.1	2.2	0.0	52.1
Total:	13.8	141.9	303.8	97.5	8.1	565.0

Source: latest data available from 2017-2019, collected by Cape Cod Commission

As shown in the table above, approximately 565 miles of roadway have been surveyed at least once as recently as 2019. The most common rating “Fair to Good” yielded over 300 miles, which is an improvement over 2018 observations. This is followed by 141 miles of “Good to Very Good”, 97.5 miles of “Poor to Fair,” approximately 13 miles for “Very Good to Excellent” and approximately 8 miles of “Poor.” The following figures provide a graphic of the CCC survey data in a series of four maps (Upper Cape, Mid-Cape, Lower Cape and Outer Cape). The CCC evaluations are shown as colored parallel lines ranging from Blue (Very Good to Excellent) to Red (Poor).

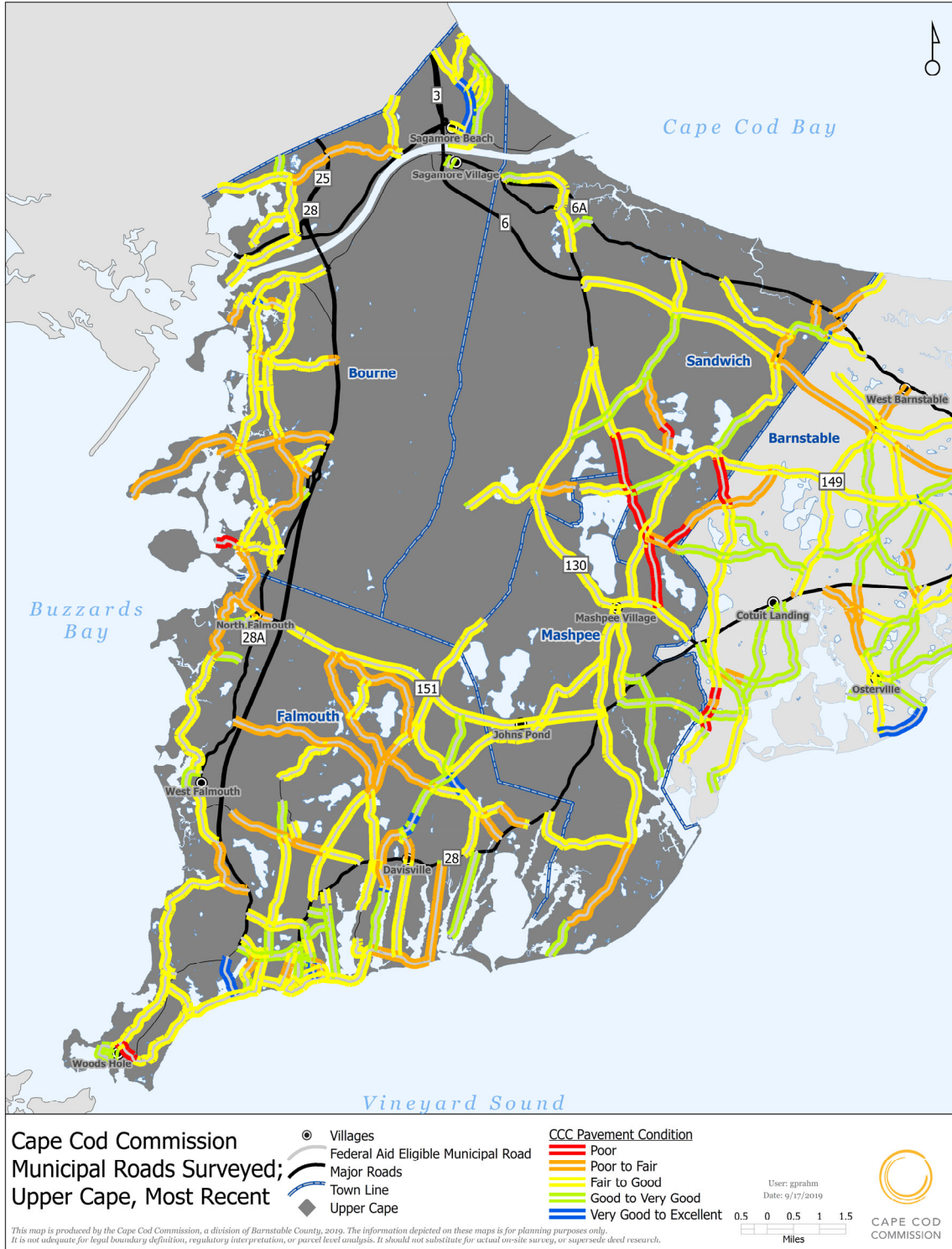


Figure 3 –Pavement Condition Surveys: Upper Cape

Source: latest data available from 2017-2019 collected by Cape Cod Commission

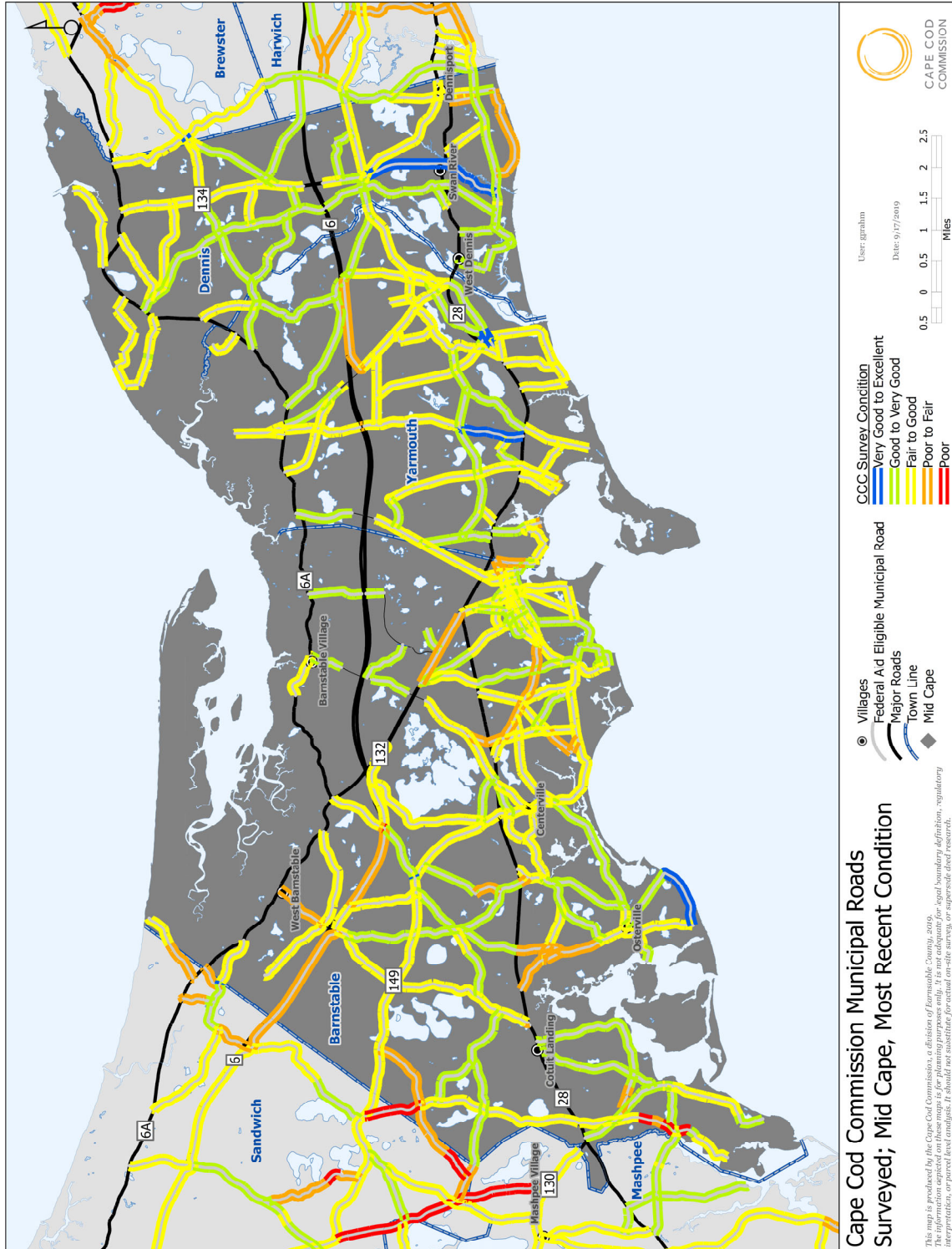


Figure 4 – Pavement Condition Surveys: Mid-Cape

Source: latest data available from 2017-2019 collected by Cape Cod Commission

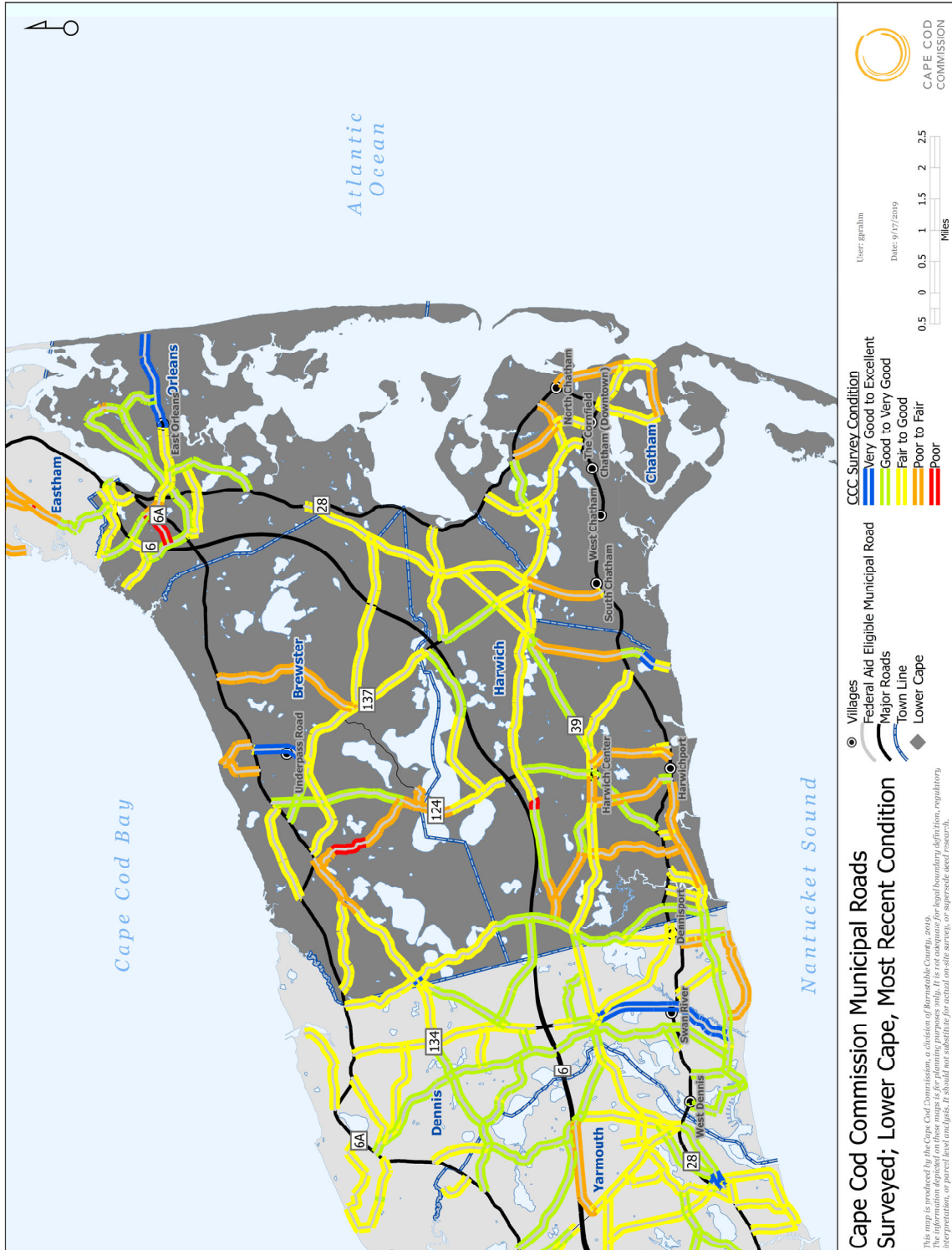


Figure 5 – Pavement Condition Surveys: Lower Cape

Source: latest data available from 2017-2019 collected by Cape Cod Commission

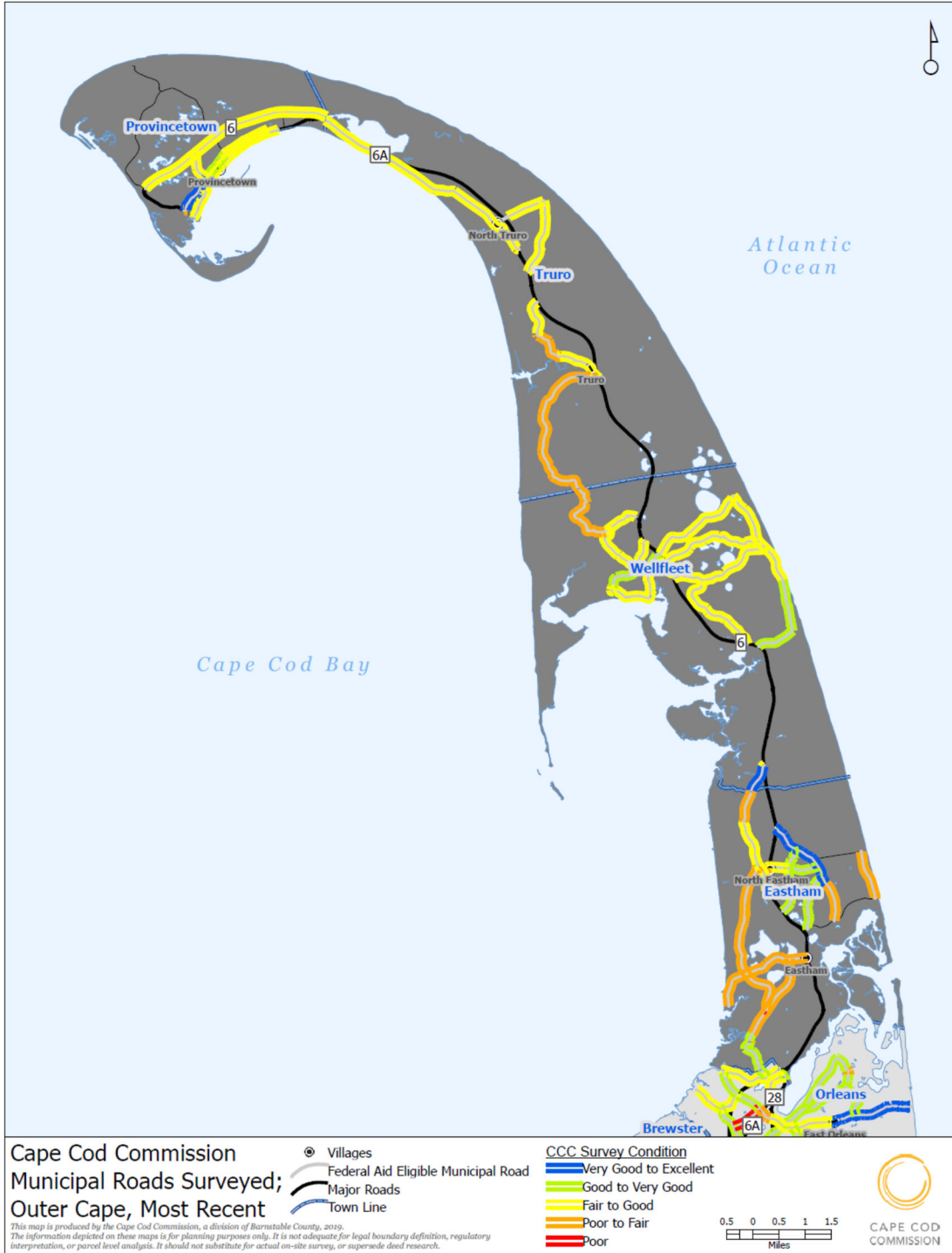


Figure 6 – Pavement Condition Surveys: Outer Cape

Source: latest data available from 2017-2019 collected by Cape Cod Commission



2.1.2 CCC EVALUATIONS OF PAVEMENT CONDITIONS – ATR SITES

Since 2011, CCC traffic technicians have been tasked with collecting pavement condition data as part of their work in setting up Automatic Traffic Recorders (ATRs). Including data collected in subsequent years, this yielded pavement condition data at 709 unique locations throughout the Cape’s 15 towns. Some locations were surveyed more than once over a period of years – however, only the most recent data are used for the analysis described below.

Since a 48-hour traffic count was collected from each ATR, results include a “Weighted” pavement condition for each town. By multiplying the Annual Average Daily Traffic (ADT) at each location times that locations’ observed pavement condition, we then totaled these results and divided by the sum of Annual Average Daily Traffic from that town’s ATR’s. Annual Average Daily Traffic is calculated by multiplying the appropriate MassDOT monthly adjustment factor times the observed average daily traffic over the 48-hour ATR data collection period. The following table presents town-wide averages of the pavement condition information collected at ATR sites.

Table 4 –Summary of Pavement Conditions at ATR Sites

TOWN	# of Sites	Avg. AADT	Avg. Condition	Weighted Condition
Barnstable	94	7,230	2.77	2.67
Bourne	53	4,945	2.81	2.76
Brewster	21	4,630	2.57	2.40
Chatham	41	5,155	3.12	3.14
Dennis	57	6,245	2.84	2.86
Eastham	22	2,490	3.32	2.85
Falmouth	68	6,815	2.90	2.88
Harwich	44	6,910	2.80	2.68
Mashpee	40	7,700	2.87	3.02
Orleans	35	5,660	2.69	2.56
Provincetown	31	4,140	2.86	2.88
Sandwich	65	5,510	2.98	2.89
Truro	40	2,380	3.15	2.93
Wellfleet	28	2,945	2.89	2.91
Yarmouth	70	7,370	2.72	2.72

Source: latest data available up to 2019 collected by Cape Cod Commission



See Table 1 for descriptions of pavement conditions (ranging from “Excellent” = 1 to “Poor” =5). Pavement conditions including comments and other ATR data for each of the 709 collection sites are presented in the appendix.

The following figures are a graphical display of the individual site data for sections of Barnstable County (Upper Cape, Mid-Cape, and Lower Cape). The pavement condition at each ATR site is shown as a colored circle ranging from Blue (Very Good to Excellent) to Red (Poor).

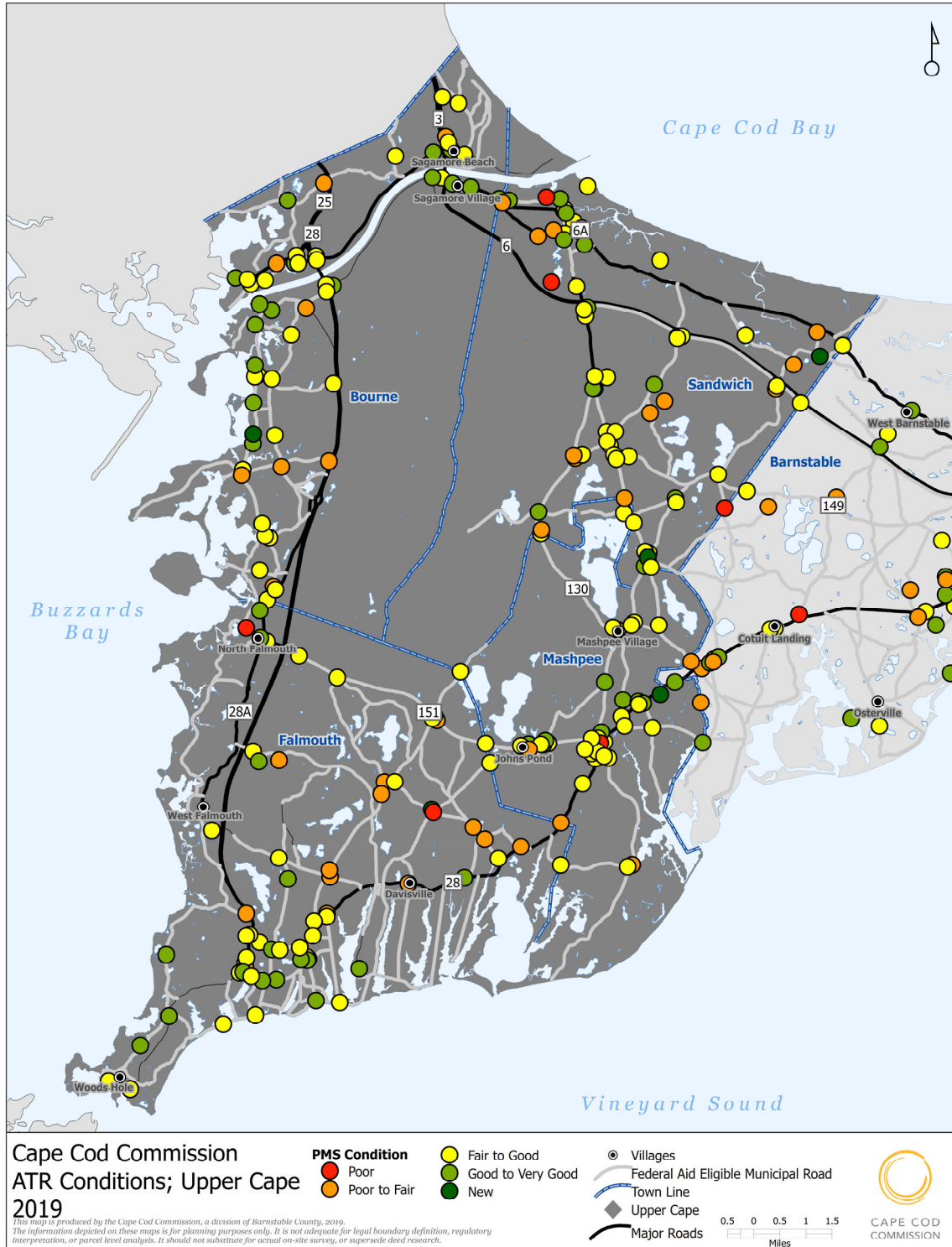


Figure 7 – Pavement Conditions at ATR Locations: Upper Cape

Source: latest data available up to 2019 collected by Cape Cod Commission

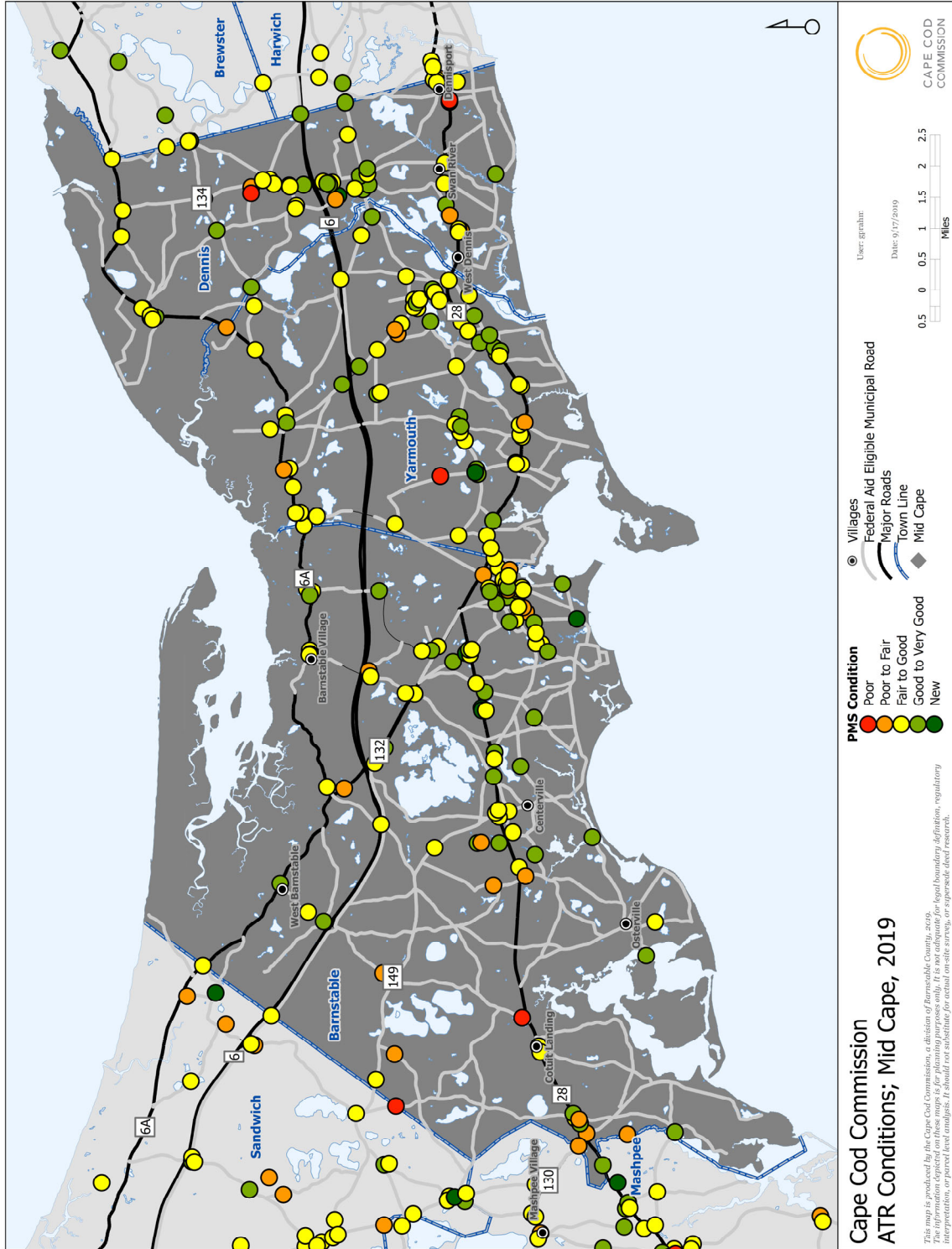


Figure 8 – Pavement Conditions at ATR Locations: Mid-Cape

Source: latest data available up to 2019 collected by Cape Cod Commission

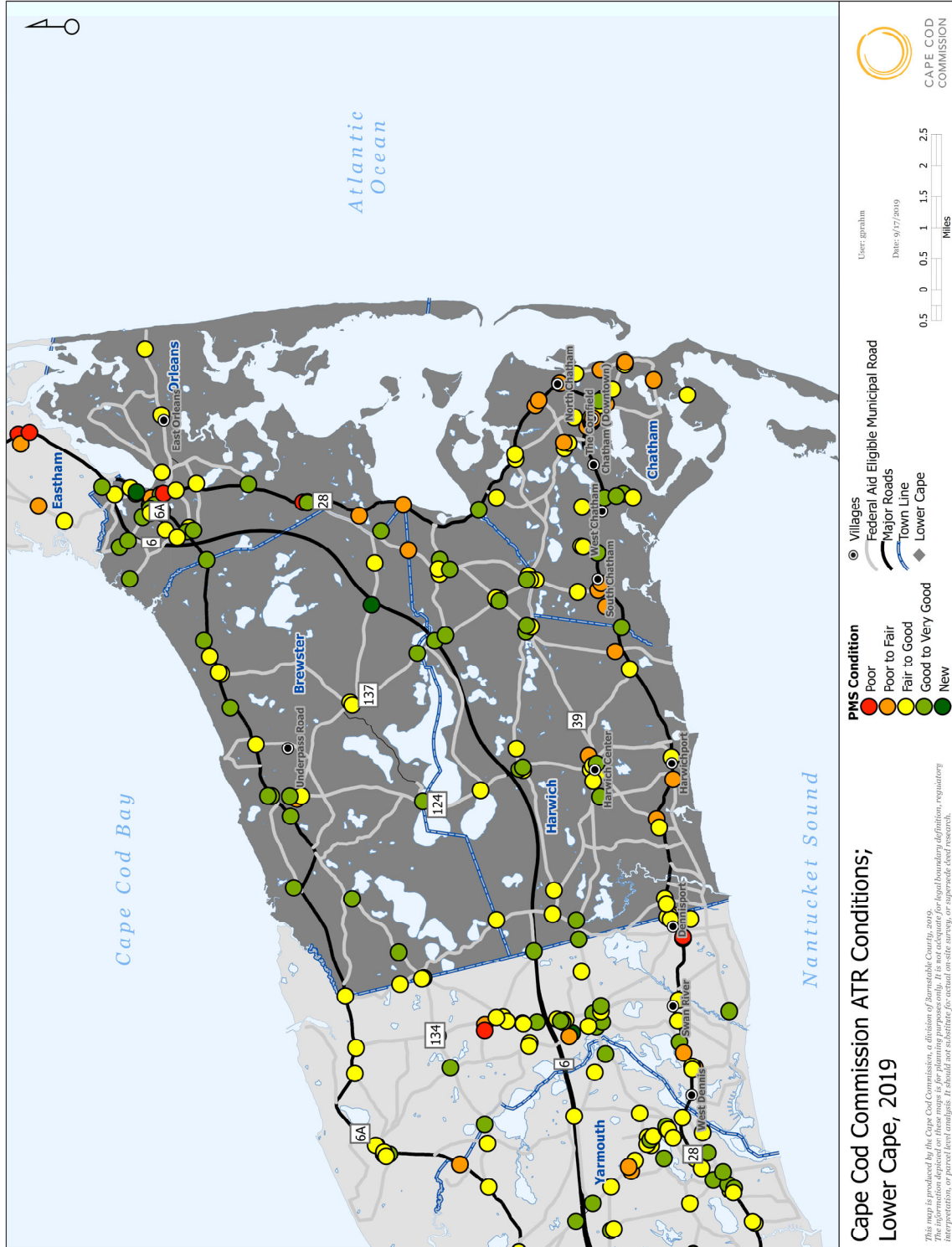


Figure 9 – Pavement Conditions at ATR Locations: Lower Cape

Source: latest data available up to 2019 collected by Cape Cod Commission

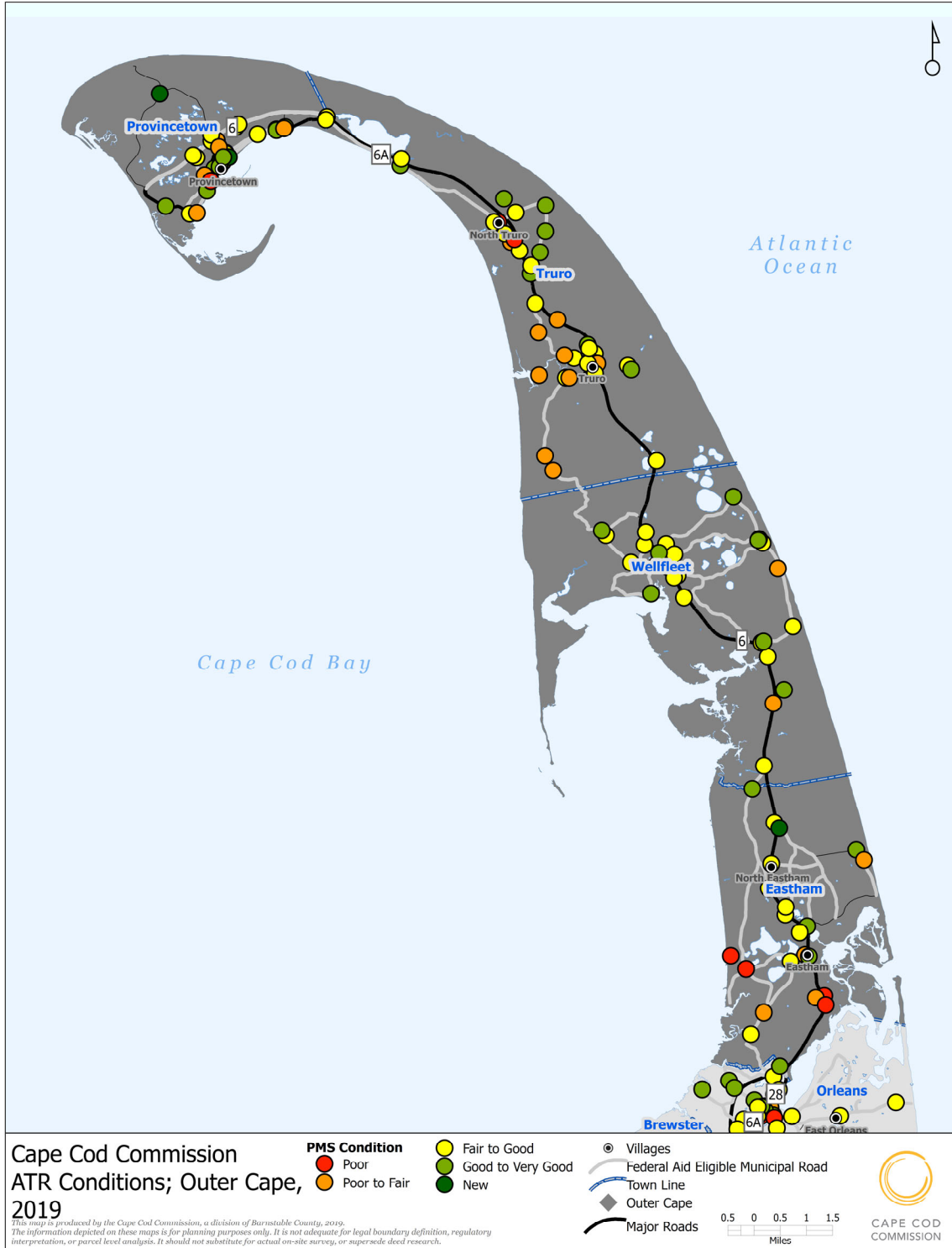


Figure 10 – Pavement Conditions at ATR Locations: Outer Cape

Source: latest data available up to 2019 collected by Cape Cod Commission



3. Recommendations for Achieving Improved Pavement Condition

After the pavement observations have been recorded and categorized, the next step is to calculate the pavement rating score, identify the proper treatment and appropriate timeline for maintenance.

Surface Distress Assessment

For each pavement management section, the severity and extent of nine major pavement distresses are recorded, and then entered into a weighted formula to arrive at a Pavement Condition Index (PCI). The distresses are categorized as base related or surface related distresses. Base related distresses indicate that the pavement structure is inadequate for the existing traffic load and soil conditions. Streets that show significant base related distresses may need to have the pavement structure strengthened with either thicker or stronger base or pavement materials. Surface related distresses are caused by age and weathering of the pavement. Streets that have predominantly surface related distresses are excellent candidates for maintenance sealing to inhibit further pavement oxidization (the main effect of aging). Streets with more of the base-related distresses will most likely need some full depth patching, structural overlays or reclamation/reconstruction.

The four base related distresses are:

- Potholing or non-utility patching
- Alligator cracking
- Distortion
- Rutting

The five surface related distresses are:

- Block cracking
- Transverse or longitudinal cracking
- Bleeding or polished aggregate
- Surface wear or raveling
- Shoving, slippage or corrugation

The Five Treatment Bands

The pavement management system uses broad ranges to group the individual repair types into five major treatment bands. Treatment bands are a useful tool to summarize data on a Town-wide basis. An individual road segment will fall into a category based on the strategy table's output of repair types and will vary due to functional classification. The goal is to gain a broad understanding of the existing conditions in simple yet meaningful terms.



Table 5 - Treatment Band Descriptions

TREATMENT BAND	PCI*	Description
DO-NOTHING	93-100	Excellent condition - in need of no maintenance.
ROUTINE MAINTENANCE	86-92	Good condition – may need crack sealing or minor localized repair.
PREVENTIVE MAINTENANCE	76-85	Fair condition – pavement surface may need surface sealing, full depth patch and/or crack sealing.
STRUCTURAL IMPROVEMENT	56-75	Deficient condition – pavement surface structure in need of added strength for existing traffic. Typical repairs are overlay with or without milling.
BASE REHABILITATION	0-55	Poor condition – in need of base improvement. Typical repairs are reclamation or full depth reconstruction.

**Note: Treatment bands are defined below. These are only general PCI ranges for reference purposes and represent only one pavement type. There are several fields considered by the strategy table when assigning repair types to each individual street. Source: VHB*

Do-Nothing

The Do-Nothing category exhibits roads which need no maintenance. These roads are in excellent condition and existing distresses generally do not need to be addressed.

Routine Maintenance

Routine maintenance activities are those which are taken to correct a specific pavement distress. Routine maintenance usually addresses localized pavement defects and includes activities such as:

- Full depth patching;
- Skin patching;
- Crack sealing.

Preventive Maintenance

Preventive maintenance activities are those which are performed at planned intervals to protect and seal the pavement. Seals are designed to provide one or more of the following benefits:

- Prevent the intrusion of air and moisture;



- Fill small cracks and voids;
- Rejuvenate an oxidized binder;
- Provide a new wearing surface.

Structural Improvement

Structural improvement includes the work necessary to restore the pavement to a condition that will allow it to perform satisfactorily for several years. Generally, a structural improvement will consist of a milling the existing pavement down and applying a new Hot Mix Asphalt Overlay allowing existing grades to be maintained. When the existing grade can be increased a new Hot Mix Asphalt course can simply be placed upon the existing surface. Structural improvements also include the work necessary to prepare the pavement for an overlay, either with or without milling. The major activities involved in the rehabilitation process are:

- Partial depth patching;
- Full depth patching;
- Joint and crack sealing;
- Grinding and milling;
- Hot Mix Asphalt Leveling Courses.

Base Rehabilitation

Base rehabilitation utilizes one of two methods:

- Reclamation;
- Reconstruction.

Reclamation is the process of rehabilitating existing deteriorated pavements. The existing pavement and base, subbase, and possibly subgrade are pulverized and blended to create a homogenous pavement base. This reclaimed pavement base is then paved with a new Hot Mix Asphalt surface. Reconstruction is the complete removal and replacement of a failed pavement, and might also involve widening, realignment, traffic control devices, safety hardware, and major base and drainage work.

The Cape Cod MPO is committed to exploring improved pavement management strategies and techniques to help optimize investment and achieve maximum improvement in overall PCIs.



4. Conclusion/Recommendations for Pavement Management Survey Enhancement

The data collected in the monitoring process will be continually analyzed to identify overall pavement conditions in the different Cape Cod towns to assist in programming maintenance and reconstruction activities. Cape Cod Commission staff will continue advance Pavement Management Survey activities throughout the fifteen towns of Barnstable County. Efforts will continue such as:

- Identify individual towns' methods for pavement condition evaluation and programming for improvements
- Develop a GIS web-based application to display the Annual Pavement Survey results to assist towns in their pavement management efforts. The GIS web application may be made available for public viewing as well.
- Identify "gaps" in pavement condition information on Municipally-owned Federal Aid eligible roadways – and – prioritize and implement CCC data collection activities on these roadways
- Improve CCC skills in performing pavement evaluations
- Analyze local communities' bid prices to develop Cape-specific improvement costs of various pavement conditions
- Generate listings of roadways with poor pavement conditions
- Explore strategies and techniques for a regional pavement management plan as part of a potential Regional Capital Plan.

APPENDIX –

Cape Cod Commission Pavement Condition - Comments

TOWN	STREET NAME	Alligator Cracking	Block Cracking	Edge Cracking	Linear Cracking	Patched Pavement	Potholes	Sealed Cracks	Weathering	Rutting	Comments
BARNSTABLE	ASA MEIGS ROAD	Major				Yes	Yes	No	Major		
BARNSTABLE	CEDAR STREET WEST BARNSTABLE	Minor		Minor	Minor	Yes		Yes	Minor		
BARNSTABLE	CHURCH STREET	Minor		Minor	Minor			Yes	Minor		
BARNSTABLE	CROOKED CARTWAY	Major				Yes	Yes	No	Major		
BARNSTABLE	GREAT MARSH ROAD										
BARNSTABLE	HIGH STREET WEST BARNSTABLE			Minor							
BARNSTABLE	HOWLAND ROAD	Major		Major	Minor			Yes	Minor	Minor	
BARNSTABLE	LOVELLS LANE					Yes					New sidewalk
BARNSTABLE	LUMBERTS MILL ROAD								Minor		
BARNSTABLE	MEETING HOUSE WAY	Minor		Minor	Minor	Yes		Yes	Minor		
BARNSTABLE	NOTTINGHAM DRIVE										
BARNSTABLE	NYE ROAD	Minor		Major		Yes	Yes		Minor		
BARNSTABLE	OAK STREET	Minor	Major	Major	Major	Yes	Yes	Yes	Major	Major	
BARNSTABLE	OLD FALMOUTH ROAD	Major				Yes	Yes	Yes	Minor		
BARNSTABLE	OLD STAGE ROAD	Major		Major	Minor	Yes	Yes	Yes	Major		
BARNSTABLE	OSTERVILLE WEST BARNSTABLE ROAD								Minor		
BARNSTABLE	PARKER ROAD	Minor		Minor	Minor			Yes	Minor		
BARNSTABLE	PROSPECT STREET	Minor		Minor		Yes		Yes	Minor		New sidewalk
BARNSTABLE	RACE LANE	Minor				Yes	Yes	No	Minor		
BARNSTABLE	RIVER ROAD										
BARNSTABLE	SANDY NECK ROAD	Minor		Minor	Minor			Yes	Minor		

TOWN	STREET NAME	Alligator Cracking	Block Cracking	Edge Cracking	Linear Cracking	Patched Pavement	Potholes	Sealed Cracks	Weathering	Rutting	Comments
BARNSTABLE	SANTUIT NEWTOWN ROAD	Minor		Minor		Yes		Yes			
BARNSTABLE	SCHOOL STREET	Major				Yes	Yes	No	Major		
BARNSTABLE	SERVICE ROAD	Minor		Major	Minor	Yes	Yes	Yes	Minor		
BARNSTABLE	SHOOT FLYING HILL ROAD	Minor			Minor	Yes		Yes	Minor		
BARNSTABLE	WAKEBY ROAD			Minor							
BOURNE	ACADEMY DRIVE	Major		Minor		Yes		Yes	Minor		
BOURNE	ADAMS STREET								Minor		
BOURNE	BOURNEDALE ROAD	Minor		Minor		Yes	Yes		Minor		Rather narrow at points. Better at the start and end of the road
BOURNE	CANAL STREET	Major						Yes	Minor		
BOURNE	CLARK ROAD	Major				Yes		Yes	Minor		
BOURNE	GIBBS ROAD	Major						Yes	Minor		
BOURNE	HEAD OF THE BAY ROAD	Minor		Major		Yes		Yes	Minor		
BOURNE	HERRING POND ROAD	Minor		Minor	Minor	Yes	Yes	Yes	Minor		Rather narrow at points. Better at the start and end of the road
BOURNE	HOMESTEAD AVENUE	Minor			Minor			Yes	Minor		
BOURNE	INDIAN TRAIL	Minor			Minor			Yes	Minor		
BOURNE	MAIN STREET	Major		Minor		Yes		Yes	Minor		
BOURNE	MEETINGHOUSE LANE	Minor				Yes					
BOURNE	NORRIS ROAD	Minor			Minor			Yes	Minor		
BOURNE	OLD PLYMOUTH ROAD	Major				Yes		Yes	Minor		
BOURNE	PEAKED CLIFF ROAD	Minor			Minor			Yes	Minor		
BOURNE	PLYMOUTH LANE								Minor		

TOWN	STREET NAME	Alligator Cracking	Block Cracking	Edge Cracking	Linear Cracking	Patched Pavement	Potholes	Sealed Cracks	Weathering	Rutting	Comments
BOURNE	PURITAN ROAD	Minor		Major		Yes		Yes	Minor		
BOURNE	SAINT MARGARETS STREET	Minor		Major		Yes		Yes	Minor		
BOURNE	STANDISH ROAD	Major				Yes		Yes	Minor		
BOURNE	VICKERSON AVENUE	Minor			Minor			Yes	Minor		
BOURNE	WILLISTON ROAD								Minor		
BREWSTER	AIRLINE ROAD				Minor				Minor		
BREWSTER	GREAT FIELDS ROAD	Major	Minor	Major	Minor	Yes	Yes		Major		Literally not paved - No pavement
BREWSTER	SATUCKET ROAD				Minor	Yes		Yes	Minor		
BREWSTER	SLOUGH ROAD	Minor		Minor		Yes			Minor		Half road is patched
BREWSTER	STONY BROOK ROAD					Yes			Minor		Half patched road
CHATHAM	MEETING HOUSE ROAD	Minor		Minor	Minor			Yes	Minor		
CHATHAM	OLD COMERS ROAD	Minor				Yes			Minor		
CHATHAM	OLD QUEEN ANNE ROAD	Minor		Minor	Minor	Yes		Yes	Minor		
CHATHAM	TRAINING FIELD ROAD	Minor							Minor		
DENNIS	AIRLINE ROAD				Minor				Minor		
DENNIS	BAYVIEW ROAD				Minor	Yes		Yes			
DENNIS	BEACH STREET	Minor			Minor			Yes	Minor		
DENNIS	EAST WEST DENNIS ROAD			Minor	Minor			Yes			
DENNIS	ELM STREET					Yes			Minor		
DENNIS	HIGHBANK ROAD	Minor		Minor		Yes		Yes			
DENNIS	HOKUM ROCK ROAD	Major		Minor	Minor	Yes		Yes	Minor		

TOWN	STREET NAME	Alligator Cracking	Block Cracking	Edge Cracking	Linear Cracking	Patched Pavement	Potholes	Sealed Cracks	Weathering	Rutting	Comments
DENNIS	HORSEFOOT PATH	Minor			Minor			Yes	Minor		
DENNIS	NEW BOSTON ROAD	Minor			Minor			Yes	Minor		
DENNIS	NOBSCUSSETT ROAD	Minor				Yes		Yes			
DENNIS	OLD BASS RIVER ROAD	Major		Minor	Minor	Yes		Yes	Minor		
DENNIS	SCARGO HILL ROAD				Minor			Yes	Minor		
DENNIS	SESUIT NECK ROAD	Minor			Minor	Yes		Yes	Minor		
DENNIS	SETUCKET ROAD				Minor	Yes		Yes	Minor		
DENNIS	SHORE DRIVE				Minor	Yes		Yes			
DENNIS	SOUTH YARMOUTH ROAD	Minor			Major			Yes			
DENNIS	WHIG STREET					Yes			Minor		
EASTHAM	BRIDGE ROAD	Major		Minor	Major	Yes		Yes	Minor		Little connection road at herring and bridge is dirt and rutted
EASTHAM	CANAL ROAD	Minor			Major			Yes	Minor		
EASTHAM	HERRING BROOK ROAD	Major		Major	Major	Yes		Yes	Minor		Little connection road at herring and bridge is dirt and rutted
EASTHAM	ROUTE 6A										
EASTHAM	SAMOSSET ROAD	Major		Major	Minor	Yes		Yes			
EASTHAM	SMITH LANE							Yes			
FALMOUTH	ACAPESKET ROAD	Minor	Minor	Minor	Minor	Yes			Minor		
FALMOUTH	BARROWS ROAD	Major		Minor	Minor	Yes	Yes	Yes	Major		
FALMOUTH	CARRIAGE SHOP ROAD	Major		Minor	Minor	Yes	Yes	Yes	Major		
FALMOUTH	CENTRAL AVENUE				Minor	Yes	No	Yes	Minor		
FALMOUTH	CROSS ROAD	Major		Minor	Minor	Yes	Yes	Yes	Major		

TOWN	STREET NAME	Alligator Cracking	Block Cracking	Edge Cracking	Linear Cracking	Patched Pavement	Potholes	Sealed Cracks	Weathering	Rutting	Comments
FALMOUTH	CURRIER ROAD	Major		Minor	Minor	Yes		Yes	Major		
FALMOUTH	DAVISVILLE ROAD				Minor	Yes	No	Yes	Minor		
FALMOUTH	EMERSON ROAD			Minor	Minor						
FALMOUTH	FRESH POND ROAD	Minor			Minor	Yes		Yes	Minor		
FALMOUTH	HAYWAY ROAD	Major		Minor	Minor	Yes		Yes	Major		
FALMOUTH	JOHN PARKER ROAD	Major		Minor	Minor	Yes	Yes	Yes	Minor		
FALMOUTH	MARAVISTA AVENUE	Major			Minor	Yes					
FALMOUTH	MARAVISTA AVENUE EXTENSION			Minor	Minor			Yes	Minor		
FALMOUTH	MEETING HOUSE ROAD			Major	Minor		Yes				
FALMOUTH	MENAUHANT ROAD	Major		Minor	Minor	Yes	No	Yes	Minor		
FALMOUTH	NATHAN ELLIS HIGHWAY	Minor				Yes		Yes			
FALMOUTH	OLD BARNSTABLE ROAD	Major		Minor	Minor	Yes	Yes	Yes	Major		Bridge at start has several sealed cracks
FALMOUTH	RED BROOK ROAD	Major				Yes		Yes	Minor		
FALMOUTH	SEACOAST SHORES BOULEVARD					Yes					
FALMOUTH	SHOREVIEW AVENUE			Minor	Minor						
FALMOUTH	SHOREWOOD DRIVE			Minor		Yes	Yes				
FALMOUTH	THATCHERS LANE			Minor	Minor	Yes	Yes		Minor		
HARWICH	CHATHAM ROAD	Major						Yes	Minor		
HARWICH	CHURCH STREET	Minor		Major		Yes		Yes	Minor		
HARWICH	DEPOT ROAD	Major		Minor	Minor	Yes		Yes	Minor		
HARWICH	DEPOT STREET	Minor		Minor		Yes			Minor		Half road is patched

TOWN	STREET NAME	Alligator Cracking	Block Cracking	Edge Cracking	Linear Cracking	Patched Pavement	Potholes	Sealed Cracks	Weathering	Rutting	Comments
HARWICH	ORLEANS ROAD	Major	Minor	Major	Minor	Yes		Yes	Major		Major patching
HARWICH	PLEASANT BAY ROAD	Major		Major	Minor	Yes		Yes	Major		
HARWICH	QUEEN ANNE ROAD	Minor	Minor	Minor	Minor	Yes		Yes	Minor		Half new patch
HARWICH	ROUTE 137	Minor		Minor	Minor	Yes		Yes	Minor		
HARWICH	UNCLE VENIES ROAD								Minor		
MASHPEE	GREAT NECK ROAD SOUTH	Major			Minor	Yes		Yes	Minor		
MASHPEE	GREAT OAK ROAD	Major		Minor	Minor	Yes		Yes	Minor		
MASHPEE	MONOMOSCOY ROAD	Major				Yes		Yes	Minor		
MASHPEE	NATHAN ELLIS HIGHWAY	Major		Minor	Minor	Yes		Yes	Major		
MASHPEE	OLD BARNSTABLE ROAD	Minor		Minor				Yes	Minor		
MASHPEE	RED BROOK ROAD	Major				Yes		Yes	Minor		
ORLEANS	BRIDGE ROAD	Major			Minor	Yes		Yes			
ORLEANS	CANAL ROAD	Minor			Major			Yes	Minor		
ORLEANS	MAIN STREET	Minor			Minor	Yes					
ORLEANS	ROCK HARBOR ROAD	Major			Minor	Yes		Yes			
PROVINCETOWN	BRADFORD STREET	Minor			Minor	Yes			Minor		
PROVINCETOWN	CONWELL STREET	Minor			Minor	Yes			Minor		
SANDWICH	CHASE ROAD	Minor		Major	Minor	Yes		Yes	Major		
SANDWICH	HOWLAND LANE	Major		Major	Minor			Yes	Minor	Minor	
SANDWICH	JONES LANE	Minor		Major	Minor			Yes	Minor		
SANDWICH	OLD COUNTY ROAD			Minor							

TOWN	STREET NAME	Alligator Cracking	Block Cracking	Edge Cracking	Linear Cracking	Patched Pavement	Potholes	Sealed Cracks	Weathering	Rutting	Comments
SANDWICH	QUAKER MEETING HOUSE ROAD	Minor		Minor				Yes	Minor		
SANDWICH	SANDY NECK ROAD	Minor		Minor	Minor	Yes	Yes	Yes	Minor		
SANDWICH	SERVICE ROAD	Minor		Major	Minor	Yes	Yes	Yes	Minor	Minor	
TRURO	SHORE ROAD	Minor		Minor	Minor	Yes		Yes	Minor		
WELLFLEET	CAHOONS HOLLOW ROAD	Minor			Minor	Yes		Yes			
WELLFLEET	CHEQUESSETT NECK ROAD	Minor			Minor			Yes			
WELLFLEET	COMMERCIAL STREET	Minor			Minor			Yes			
WELLFLEET	EAST COMMERCIAL STREET	Minor			Minor			Yes			
WELLFLEET	HOLBROOK AVENUE										
WELLFLEET	KENDRICK AVENUE	Minor			Minor			Yes			
WELLFLEET	LONG POND ROAD	Minor			Minor		Yes	Yes			
WELLFLEET	OLD COUNTY ROAD SOUTH	Minor			Minor	Yes		Yes	Minor		
WELLFLEET	WHITS LANE										
YARMOUTH	BRAY FARM ROAD NORTH	Major		Minor	Minor	Yes		Yes	Minor		
YARMOUTH	BRAY FARM ROAD SOUTH	Major		Minor	Minor	Yes		Yes	Minor		
YARMOUTH	CAPTAIN SMALL ROAD	Minor		Minor	Minor	Yes		Yes	Minor		
YARMOUTH	GREAT WESTERN ROAD	Minor		Minor	Minor	Yes		Yes			
YARMOUTH	HIGHBANK ROAD	Minor		Minor	Minor	Yes		Yes			
YARMOUTH	LONG POND DRIVE	Minor			Minor	Yes		Yes			
YARMOUTH	NORTH DENNIS ROAD	Minor			Major	Yes		Yes	Minor		We are driving at a slant (road not even). Huge swaths of patches
YARMOUTH	NORTH MAIN STREET	Minor			Major	Yes		Yes			

TOWN	STREET NAME	Alligator Cracking	Block Cracking	Edge Cracking	Linear Cracking	Patched Pavement	Potholes	Sealed Cracks	Weathering	Rutting	Comments
YARMOUTH	OLD MAIN STREET										
YARMOUTH	RAYMOND AVENUE	Minor			Minor	Yes		Yes	Minor		
YARMOUTH	REGIONAL AVENUE	Minor			Minor	Yes		Yes	Minor		
YARMOUTH	SETUCKET ROAD	Minor			Minor			Yes			
YARMOUTH	SHERIDAN ROAD	Minor			Minor	Yes		Yes			
YARMOUTH	STATION AVENUE	Minor		Minor	Minor	Yes		Yes	Minor		
YARMOUTH	WEIR ROAD				Minor			Yes			
YARMOUTH	WEST GREAT WESTERN ROAD				Minor	Yes		Yes			
YARMOUTH	WHITES PATH	Minor		Minor	Minor	Yes		Yes	Minor		We are driving at a slant (road not even). Huge swaths of patches
YARMOUTH	WITCHWOOD ROAD	Minor			Minor	Yes		Yes			
YARMOUTH	WOOD ROAD	Minor			Major	Yes		Yes			

APPENDIX –

Cape Cod Commission ATR Location Data

TOWN	ROUTE & LOCATION	Begin Date:	ADT AADT	Pavement Conditions	
Bourne		7/31/2019	11,126	3	Fair to Good
Falmouth	Rt 28A		8,800		sealing, weathering
Site Code:	@ Bour/Falm TL				
20123	X -70.6107	Y 41.6577			
Bourne		8/21/2018	10,060	4	Poor to Fair
Falmouth	Rt 28A		8,000		Major weathering, eroding shoulder, cracks
Site Code:	@ Bour/Falm TL				
20123	X -70.6107	Y 41.6577			
Bourne		8/9/2017	11,925	3	Fair to Good
Falmouth	Rt 28A		9,500		weathered, rutting, patch
Site Code:	@ Bour/Falm TL				
20123	X -70.6107	Y 41.6577			
Bourne		7/31/2019	6,092	3	Fair to Good
	Rt 28A		4,800		major rutting, some sealing
Site Code:	N of County Rd				
20124	X -70.6077	Y 41.6605			
Bourne		6/25/2019	5,061	3	Fair to Good
Plymouth	Rt 3A		4,300		heavy cracking without seals
Site Code:	S of Bour/Plym TL				
20125	X -70.5439	Y 41.7966			
Bourne		8/9/2017	6,470	4	Poor to Fair
	Rt 3A		5,200		weathered, trans/long cracks, minor rutting
Site Code:	N of Meetinghouse Rd/Rt 3 NB On-Ramp				
20126	X -70.5428	Y 41.7856			
Bourne		5/28/2019	11,117	2	Good to Very Good
Sandwich	Rt 6A		10,300		
Site Code:	@ Bour/Sand TL				
20133	X -70.5233	Y 41.7682			
Bourne		8/21/2018	13,598	3	Fair to Good
Sandwich	Rt 6A		10,900		General weathering, some cracking
Site Code:	@ Bour/Sand TL				
20133	X -70.5233	Y 41.7682			
Bourne		8/9/2017	15,300	2	Good to Very Good
Sandwich	Rt 6A		12,200		weathered
Site Code:	@ Bour/Sand TL				
20133	X -70.5233	Y 41.7682			
Bourne		6/13/2018	5,386	4	Poor to Fair
	Barlows Landing Rd		4,500		heavy weathering, major cracking
Site Code:	W of Rt 28				
20102	X -70.5874	Y 41.6959			

TOWN	ROUTE & LOCATION	Begin Date:	ADT AADT	Pavement Conditions	
Bourne	Ben Abbey Rd	5/23/2019	3,811	2	Good to Very Good
Site Code: 20106	X S of Sandwich Rd -70.5338	Y 41.7715	3,500		
Bourne	Bournedale Rd	6/13/2018	1,679	4	Poor to Fair
Site Code: 20107	X W of Rt 25 overpass -70.5881	Y 41.7730	1,400		cracking, weathering
Bourne	Clay Pond Rd	7/31/2019	5,061	3	Fair to Good
Site Code: 20108	X W of Rt 28 -70.5854	Y 41.7174	4,000		sealing
Bourne	County Rd	8/9/2017	5,866	4	Poor to Fair
Site Code: 20111	X N of Rt 28A -70.6084	Y 41.6614	4,700		weathered, rutted, crackseal, potholes
Bourne	County Rd	6/13/2018	3,890	4	Poor to Fair
Site Code: 20109	X S of Barlows Landing Rd -70.6050	Y 41.6945	3,300		Heavy weathering, many cracks
Bourne	Head of the Bay Rd	5/23/2019	4,638	3	Fair to Good
Site Code: 20114	X N of Belmont Circle -70.5986	Y 41.7530	4,300		
Bourne	Meetinghouse Ln	6/25/2019	6,750	3	Fair to Good
Site Code: 20115	X W of Old Plymouth Rd -70.5360	Y 41.7806	5,700		weathering and small cracks
Bourne	Old Plymouth Rd	6/25/2019	3,385	3	Fair to Good
Site Code: 7121	X S of Norris Rd -70.5380	Y 41.7948	2,800		some sealing
Bourne	Sandwich Rd	8/21/2018	19,453	3	Fair to Good
Site Code: 7118	X W of Sagamore Bridge -70.5446	Y 41.7742	15,600		Mild weathering, cracks
Bourne	Shore Rd	7/31/2019	5,701	3	Fair to Good
Site Code: 7120	X N of Beach St -70.6134	Y 41.7200	4,500		edge cracks

TOWN	ROUTE & LOCATION	Begin Date:	ADT AADT	Pavement Conditions	
Bourne	Trowbridge Rd W of Bourne Rotary	5/23/2019	6,690 6,200	3	Fair to Good
Site Code: 20141	X -70.5876 Y 41.7429				
Bourne	Trowbridge Rd W of Bourne Rotary	8/21/2018	6,965 5,600	3	Fair to Good
Site Code: 20141	X -70.5876 Y 41.7429				General weathering, patches
Bourne	Trowbridge Rd W of Bourne Rotary	8/9/2017	7,511 6,000	4	Poor to Fair
Site Code: 20141	X -70.5876 Y 41.7429				weathered, rutting, crackseal, Inr, trans cracks
Bourne	Waterhouse Rd S of Cotuit Rd	6/7/2017	4,278 3,600	4	Poor to Fair
Site Code: 21192	X -70.5952 Y 41.7384				Transverse crack, minor rutting, lines faded
Sandwich Mashpee	Rt 130 @ Sand/Mash TL	7/31/2019	10,496 8,300	3	Fair to Good
Site Code: 20160	X -70.5093 Y 41.6753				sealing
Sandwich Mashpee	Rt 130 @ Sand/Mash TL	7/26/2017	10,623 8,400	3	Fair to Good
Site Code: 20160	X -70.5093 Y 41.6753				weathered, rutting, crack seal
Sandwich Barnstable	Rt 6A @ Sand/Barn TL	7/31/2019	5,746 4,600	3	Fair to Good
Site Code: 20162	X -70.3967 Y 41.7263				slight cracking
Sandwich Barnstable	Rt 6A @ Sand/Barn TL	7/26/2017	6,363 5,000	3	Fair to Good
Site Code: 20162	X -70.3967 Y 41.7263				weathered, longitudinal and transverse cracks
Sandwich	Rt 6A W of Tupper Rd (east end)	7/31/2019	8,509 6,800	3	Fair to Good
Site Code: 20164	X -70.4994 Y 41.7646				cracking
Sandwich	Boardley Rd W of Harlow Rd	5/28/2019	1,601 1,500	2	Good to Very Good
Site Code: 7223	X -70.4594 Y 41.6846				

TOWN	ROUTE & LOCATION	Begin Date:	ADT AADT	Pavement Conditions	
Sandwich	Chase Rd S of Service Rd	07/31/2018	4,132 3,300	4	Poor to Fair Big cracks and general weathering
Site Code: 20143	X -70.4217 Y 41.7145				
Sandwich Mashpee	Cotuit Rd @ Sand/Mash TL (Middle)	7/26/2017	7,924 6,300	3	Fair to Good crackseal, weathering
Site Code: 20147	X -70.4749 Y 41.6780				
Sandwich Mashpee	Cotuit Rd @ Sand/Mash TL (N end)	6/7/2017	8,305 7,000	4	Poor to Fair Crack seal, cracks, weathered, rutting
Site Code: 21284	X -70.4782 Y 41.6848				
Sandwich	Farmersville Rd E of Cotuit Rd	6/4/2018	5,944 5,000	3	Fair to Good Minor weathering
Site Code: 20939	X -70.4764 Y 41.6963				
Sandwich	Freezer Rd N of Tupper Rd	7/31/2019	5,282 4,200	5	Poor potholes and cracking
Site Code: 20785	X -70.5058 Y 41.7685				
Sandwich	Harlow Rd E of Cotuit Rd	6/7/2017	4,243 3,600	3	Fair to Good crack seal, weathering, paint fading
Site Code: 7224	X -70.4695 Y 41.6695				
Sandwich	Main St E of Rt 130	5/28/2019	1,920 1,800	3	Fair to Good Placed ATR on a new patch, overall however road is fair to good
Site Code: 20720	X -70.4991 Y 41.7583				
Sandwich Barnstable	Newtown Rd @ Sand/Barn TL	6/7/2017	1,835 1,500	5	Poor Weathering, depressions, potholes, crack seal
Site Code: 20938	X -70.4412 Y 41.6817				
Sandwich	Old County Ln E of Jones Ln	7/26/2017	783 620	1	New new
Site Code: 7117	X -70.4053 Y 41.7234				
Sandwich	Quaker Meetinghouse Rd E of Rt 130	7/26/2017	7,540 6,000	4	Poor to Fair crack seal, LNR, rutting, weathered
Site Code: 20150	X -70.4963 Y 41.6960				

TOWN	ROUTE & LOCATION	Begin Date:	ADT AADT	Pavement Conditions	
Sandwich		5/28/2019	6,957	3	Fair to Good
Site Code:	Quaker Meetinghouse Rd E of Peters Pond Dr		6,500		
20151	X -70.4936 Y 41.6969				
Sandwich		7/31/2018	10,100	3	Fair to Good
Site Code:	Quaker Meetinghouse Rd S of Service Rd		8,000		Minor weathering, some filled cracks
21401	X -70.4579 Y 41.7289				
Sandwich Barnstable		8/1/2017	7,753	3	Fair to Good
Site Code:	Race Ln @ Sand/Barn TL		6,200		weathered, rutting, crack seal
20155	X -70.4329 Y 41.6863				
Sandwich		7/26/2017	9,055	3	Fair to Good
Site Code:	Tupper Rd (E end) N of Rt 6A		7,200		weathered, crack seal, rutting
20168	X -70.4991 Y 41.7651				
Falmouth Mashpee		8/14/2019	22,397	3	Fair to Good
Site Code:	Rt 151 @ Falm/Mash TL		17,900		patches, cracking, and rutting
20205	X -70.5306 Y 41.6171				
Falmouth Mashpee		06/27/2018	21,672	3	Fair to Good
Site Code:	Rt 151 @ Falm/Mash TL		18,200		Weathering
20205	X -70.5306 Y 41.6171				
Falmouth Mashpee		6/12/2017	20,635	3	Fair to Good
Site Code:	Rt 151 @ Falm/Mash TL		17,300		crackseal, weathering, rutting
20205	X -70.5306 Y 41.6171				
Falmouth		6/12/2017	20,872	4	Poor to Fair
Site Code:	Rt 151 E of Sandwich Rd		17,500		major rutting, weathered, crackseal
20208	X -70.5485 Y 41.6238				
Falmouth		7/10/2018	19,027	4	Poor to Fair
Site Code:	Rt 28 W of Davisville Rd		15,000		CRACKS AND WEATHERING
20823	X -70.5597 Y 41.5786				
Falmouth Mashpee		5/29/2019	15,454	4	Poor to Fair
Site Code:	Rt 28 @ Falm/Mash TL		14,400		
20214	X -70.5031 Y 41.5949				

TOWN	ROUTE & LOCATION	Begin Date:	ADT AADT	Pavement Conditions	
Falmouth		07/10/2018	16,120	4	Poor to Fair
Mashpee	Rt 28		12,700		Big holes and cracks, but somewhat isolated to region around set-up
Site Code:	@ Falm/Mash TL				
20214	X -70.5031	Y 41.5949			
Falmouth		7/11/2017	16,605	4	Poor to Fair
Mashpee	Rt 28		13,100		Large longitudinal and transverse cracks, weathered, rutting
Site Code:	@ Falm/Mash TL				
20214	X -70.5031	Y 41.5949			
Falmouth		6/12/2019	13,272	3	Fair to Good
	Rt 28		11,100		slight rutting
Site Code:	N of Lakeview Av				
20217	X -70.6198	Y 41.5585			
Falmouth		07/10/2018	17,391	3	Fair to Good
	Rt 28		13,700		Mild weathering
Site Code:	N of Lakeview Av				
20217	X -70.6198	Y 41.5585			
Falmouth		8/7/2017	16,295	4	Poor to Fair
	Rt 28		13,000		weathered, rutting, patches, Inr
Site Code:	N of Lakeview Av				
20217	X -70.6198	Y 41.5585			
Falmouth		6/25/2019	17,844	4	Poor to Fair
	Rt 28		15,000		very long patches scattered across road
Site Code:	E of Maravista Ext				
7210	X -70.5899	Y 41.5704			
Falmouth		6/25/2019	10,325	3	Fair to Good
	Rt 28		8,700		
Site Code:	W of Post Office Rd				
21331	X -70.6181	Y 41.5533			
Falmouth		6/12/2019	15,918	2	Good to Very Good
	Rt 28		13,400		minor weathering
Site Code:	E of Spring Bars Rd				
20844	X -70.5997	Y 41.5578			
Falmouth		8/7/2017	17,084	1	New
	Rt 28		13,700		new
Site Code:	E of Spring Bars Rd				
20844	X -70.5997	Y 41.5578			
Falmouth		7/29/2019	1,183	3	Fair to Good
	Barrows Rd		930		
Site Code:	N of Rt 28				
7213	X -70.5264	Y 41.5852			

TOWN	ROUTE & LOCATION	Begin Date:	ADT AADT	Pavement Conditions	
Falmouth	Brick Kiln Rd W of Rt 28	6/27/2018	5,922 5,000	3	Fair to Good minor weathering, some cracks
Site Code: 20171	X -70.6321 Y 41.5939				
Falmouth	Brick Kiln Rd W of Gifford St	6/27/2018	9,854 8,300	3	Fair to Good weathering
Site Code: 20948	X -70.6075 Y 41.5860				
Falmouth	Brick Kiln Rd E of Sandwich Rd	8/14/2019	7,558 6,000	4	Poor to Fair sealing
Site Code: 20172	X -70.5886 Y 41.5807				
Falmouth	County Rd W of Old Main Rd (Main St)	6/27/2018	2,694 2,300	5	Poor BIG CRACKS! Weathering!
Site Code: 7126	X -70.6186 Y 41.6500				
Falmouth	Cross Rd S of Carriage Shop Rd	6/12/2017	709 600	4	Poor to Fair pothole, transverse and longitudinal cracks, weathered
Site Code: 7214	X -70.5313 Y 41.5906				
Falmouth	Gifford St S of Brick Kiln Rd	8/7/2017	10,901 8,700	2	Good to Very Good weathered, rutted
Site Code: 7125	X -70.6042 Y 41.5802				
Falmouth	Hatchville Rd N of Sandwich Rd	6/18/2019	894 750	4	Poor to Fair edge cracks and minor rutting
Site Code: 20186	X -70.5682 Y 41.6068				
Falmouth	Jones Rd Btwn Rt 28 & Beacon St	6/12/2019	12,030 10,100	3	Fair to Good
Site Code: 7216	X -70.6149 Y 41.5627				
Falmouth	Jones Rd Btwn Rt 28 & Beacon St	6/12/2017	13,160 11,100	3	Fair to Good rutting, crackseal, longitudinal, weathering
Site Code: 7216	X -70.6149 Y 41.5627				
Falmouth	Jones Rd (E end) N of Rt 28	6/19/2018	11,213 9,400	3	Fair to Good One side newer/one side older, minor cracking
Site Code: 21150	X -70.6001 Y 41.5611				

TOWN	ROUTE & LOCATION	Begin Date:	ADT AADT	Pavement Conditions	
Falmouth	Katherine Lee Bates Rd E of Rt 28	6/19/2018	2,682 2,300	<input type="text" value="3"/>	<input type="text" value="Fair to Good"/> cracks, minor weathering
Site Code: <input type="text" value="7218"/>	X <input type="text" value="-70.6203"/> Y <input type="text" value="41.5570"/>				
Falmouth	Locust St S of Rt 28	7/29/2019	16,413 13,000	<input type="text" value="3"/>	<input type="text" value="Fair to Good"/>
Site Code: <input type="text" value="20191"/>	X <input type="text" value="-70.6224"/> Y <input type="text" value="41.5543"/>				
Falmouth Mashpee	Old Barnstable Rd @ Falm/Mash TL	7/10/2018	3,765 3,000	<input type="text" value="3"/>	<input type="text" value="Fair to Good"/> weathering and cracks
Site Code: <input type="text" value="7215"/>	X <input type="text" value="-70.5290"/> Y <input type="text" value="41.6118"/>				
Falmouth Mashpee	Old Barnstable Rd @ Falm/Mash TL	8/7/2017	3,641 2,900	<input type="text" value="3"/>	<input type="text" value="Fair to Good"/> weathered, rutting, Inr
Site Code: <input type="text" value="7215"/>	X <input type="text" value="-70.5290"/> Y <input type="text" value="41.6118"/>				
Falmouth	Palmer Av W of Rt 28	6/27/2017	2,538 2,100	<input type="text" value="4"/>	<input type="text" value="Poor to Fair"/> longitudinal cracks, weathered, rutting
Site Code: <input type="text" value="7127"/>	X <input type="text" value="-70.6197"/> Y <input type="text" value="41.5707"/>				
Falmouth	Palmer Av W of Hewins St	7/29/2019	4,619 3,600	<input type="text" value="4"/>	<input type="text" value="Poor to Fair"/> severe edge cracking
Site Code: <input type="text" value="20200"/>	X <input type="text" value="-70.6202"/> Y <input type="text" value="41.5555"/>				
Falmouth	Palmer Av W of Hewins St	6/19/2018	3,909 3,300	<input type="text" value="4"/>	<input type="text" value="Poor to Fair"/> cracks/uneven pavement
Site Code: <input type="text" value="20200"/>	X <input type="text" value="-70.6202"/> Y <input type="text" value="41.5555"/>				
Falmouth	Palmer Av W of Hewins St	6/14/2017	4,493 3,800	<input type="text" value="4"/>	<input type="text" value="Poor to Fair"/> transverse cracks, alligator, weathering, rutting, longitudinal cracks
Site Code: <input type="text" value="20200"/>	X <input type="text" value="-70.6202"/> Y <input type="text" value="41.5555"/>				
Falmouth Mashpee	Red Brook Rd @ Falm/Mash TL	5/29/2019	2,866 2,700	<input type="text" value="3"/>	<input type="text" value="Fair to Good"/>
Site Code: <input type="text" value="20203"/>	X <input type="text" value="-70.5034"/> Y <input type="text" value="41.5832"/>				
Falmouth	Sandwich Rd S of Rt 151	6/12/2017	10,404 8,700	<input type="text" value="3"/>	<input type="text" value="Fair to Good"/> crack seal, rutting, weathering, transverse crack
Site Code: <input type="text" value="20772"/>	X <input type="text" value="-70.5501"/> Y <input type="text" value="41.6243"/>				

TOWN	ROUTE & LOCATION	Begin Date:	ADT AADT	Pavement Conditions	
Falmouth	Sandwich Rd N of Brick Kiln Rd	8/7/2017	11,751 9,400	4	Poor to Fair weathered, crack seal, rutting, LNR
Site Code: 20225	X -70.5888 Y 41.5825				
Falmouth Mashpee	Sandwich Rd @ Falm/Mash TL	7/10/2018	2,373 1,900	3	Fair to Good mild weathering and minor cracking
Site Code: 7123	X -70.5396 Y 41.6372				
Falmouth Mashpee	Sandwich Rd @ Falm/Mash TL	7/31/2017	1,501 1,200	2	Good to Very Good weathered, seam between halves of pavement
Site Code: 7123	X -70.5396 Y 41.6372				
Falmouth	Shoreview Dr N of Whittier Rd	7/29/2019	191 150	2	Good to Very Good
Site Code: 7212	X -70.5782 Y 41.5551				
Falmouth	Shoreview Dr N of Whittier Rd	7/10/2018	113 90	3	Fair to Good Weathering, some cracks
Site Code: 7212	X -70.5782 Y 41.5551				
Falmouth	Shoreview Dr N of Whittier Rd	6/12/2017	82 70	2	Good to Very Good weathered, tape marks
Site Code: 7212	X -70.5782 Y 41.5551				
Falmouth	Spring Bars Rd E of Worcester Court Av	8/7/2017	5,778 4,600	1	New
Site Code: 7129	X -70.5969 Y 41.5580				
Falmouth	Surf Dr W of Shore St	7/10/2018	7,541 6,000	3	Fair to Good cracks and weathering
Site Code: 7130	X -70.6167 Y 41.5426				
Falmouth	Ter Heun Dr W of Rt 28	6/19/2018	6,293 5,300	3	Fair to Good cracks, weathering
Site Code: 20234	X -70.6198 Y 41.5645				
Falmouth	Thomas Landers Rd E of Rt 28	6/27/2018	5,530 4,600	3	Fair to Good weathering and cracks
Site Code: 7124	X -70.6166 Y 41.6157				

TOWN	ROUTE & LOCATION	Begin Date:	ADT AADT	Pavement Conditions	
Falmouth	Woods Hole Rd S of Oyster Pond	7/29/2019	10,174 8,000	2	Good to Very Good minor weathering
Site Code: 20237	X -70.6486	Y 41.5426			
Falmouth	Woods Hole Rd S of Oyster Pond	7/10/2018	9,223 7,300	3	Fair to Good weathering and minor cracks
Site Code: 20237	X -70.6486	Y 41.5426			
Falmouth	Woods Hole Rd S of Oyster Pond	8/7/2017	10,281 8,200	3	Fair to Good weathered, rutting, transverse cracks
Site Code: 20237	X -70.6486	Y 41.5426			
Falmouth	Worcester Av N of Grand Av (Beach Side)	7/29/2019	2,913 2,300	2	Good to Very Good
Site Code: 7217	X -70.5943	Y 41.5464			
Falmouth	Worcester Court S of Spring Bars Rd	6/27/2017	4,991 4,200	2	Good to Very Good weathered
Site Code: 20239	X -70.5973	Y 41.5576			
Mashpee Barnstable	Rt 130 @ Mash/Barn TL	6/6/2018	7,808 6,600	4	Poor to Fair Cracks and many exposed pebbles
Site Code: 7220	X -70.4543	Y 41.6392			
Mashpee Barnstable	Rt 130 @ Mash/Barn TL	7/25/2017	7,727 6,100	3	Fair to Good rutting, crack seal, weathered
Site Code: 7220	X -70.4543	Y 41.6392			
Mashpee	Rt 130 W of S Sandwich Rd	6/4/2019	11,934 10,000	3	Fair to Good Major rutting
Site Code: 21107	X -70.4762	Y 41.6495			
Mashpee	Rt 151 W of Market St	07/30/2018	15,468 12,300	3	Fair to Good General weathering - wheel ruts, filled cracks
Site Code: 21168	X -70.4914	Y 41.6182			
Mashpee	Rt 151 W of Market St	07/24/2018	16,436 13,000	3	Fair to Good General weathering - wheel ruts, filled cracks
Site Code: 21168	X -70.4914	Y 41.6182			

TOWN	ROUTE & LOCATION	Begin Date:	ADT AADT	Pavement Conditions	
Mashpee	Rt 151 W of Mashpee Rotary	6/27/2017	15,411 12,900	3	Fair to Good major rutting, weathered
Site Code: 20267	X -70.4891 Y 41.6183				
Mashpee	Rt 151 E of Old Barnstable Rd	07/30/2018	20,375 16,200	3	Fair to Good General weathering, filled cracks, some wheel rutting
Site Code: 7328	X -70.5074 Y 41.6170				
Mashpee	Rt 151 E of Old Barnstable Rd	07/24/2018	21,275 16,800	3	Fair to Good General weathering, filled in cracks, some wheel rutting
Site Code: 7328	X -70.5074 Y 41.6170				
Mashpee	Rt 151 E of Old Barnstable Rd	6/14/2017	20,378 17,100	3	Fair to Good rutting, weathering, crackseal
Site Code: 7328	X -70.5074 Y 41.6170				
Mashpee	Rt 151 W of Old Barnstable Rd	6/27/2017	23,775 20,000	3	Fair to Good weathering, rutting, crackseal
Site Code: 20768	X -70.5102 Y 41.6167				
Mashpee	Rt 28 E of Industrial Way	6/6/2018	16,362 13,700	3	Fair to Good weathering, some major cracks, pebbles exposed, almost a 4.
Site Code: 21436	X -70.4949 Y 41.6057				
Mashpee Barnstable	Rt 28 @ Mash/Barn TL	7/26/2017	24,595 19,400	2	Good to Very Good half re-paved, half weathered, both rutting
Site Code: 20270	X -70.4604 Y 41.6336				
Mashpee	Rt 28 W of Mashpee Rotary	07/30/2018	17,476 13,900	5	Poor Major cracking and weathering
Site Code: 20272	X -70.4882 Y 41.6169				
Mashpee	Rt 28 W of Mashpee Rotary	07/24/2018	18,592 14,700	5	Poor Major cracking and weathering
Site Code: 20272	X -70.4882 Y 41.6169				
Mashpee	Ashers Pa E of Meetinghouse Rd	6/14/2017	1,726 1,400	2	Good to Very Good weathered
Site Code: 7221	X -70.4797 Y 41.6288				

TOWN	ROUTE & LOCATION	Begin Date:	ADT AADT	Pavement Conditions	
Mashpee	Donna's Ln W of Great Neck Road S	6/19/2018	4,104 3,400	3	Fair to Good cracks
Site Code: 21434	X <input type="text" value="-70.4869"/> Y <input type="text" value="41.6133"/>				
Mashpee	Great Neck Rd North S of Rt 130	6/19/2018	17,023 14,300	4	Poor to Fair heavy weathering, rocks, big cracks.
Site Code: 20243	X <input type="text" value="-70.4813"/> Y <input type="text" value="41.6483"/>				
Mashpee	Great Neck Rd North N of Mashpee Rotary	6/4/2019	11,921 10,000	2	Good to Very Good
Site Code: 20252	X <input type="text" value="-70.4878"/> Y <input type="text" value="41.6200"/>				
Mashpee	Great Neck Rd North N of Mashpee Rotary	7/30/2018	13,933 11,100	3	Fair to Good General weathering, some filled in cracks
Site Code: 20252	X <input type="text" value="-70.4878"/> Y <input type="text" value="41.6200"/>				
Mashpee	Great Neck Rd South S of Mashpee Rotary	6/4/2019	7,431 6,200	3	Fair to Good
Site Code: 20246	X <input type="text" value="-70.4867"/> Y <input type="text" value="41.6172"/>				
Mashpee	Great Neck Rd South S of Mashpee Rotary	07/30/2018	9,315 7,400	4	Poor to Fair Cracks - some filled, much weathering
Site Code: 20246	X <input type="text" value="-70.4867"/> Y <input type="text" value="41.6172"/>				
Mashpee	Great Neck Rd South S of Mashpee Rotary	07/24/2018	9,522 7,500	4	Poor to Fair Cracks - some filled, much weathering
Site Code: 20246	X <input type="text" value="-70.4867"/> Y <input type="text" value="41.6172"/>				
Mashpee	Great Neck Rd South S of Mashpee Rotary	7/25/2017	10,422 8,200	3	Fair to Good rutting, crackseal, weathered
Site Code: 20246	X <input type="text" value="-70.4867"/> Y <input type="text" value="41.6172"/>				
Mashpee	Jobs Fishing Rd N of Rt 28	8/9/2017	7,052 5,600	3	Fair to Good weathered, rutting, crack seal, only some section repaved, patches
Site Code: 20864	X <input type="text" value="-70.4914"/> Y <input type="text" value="41.6141"/>				
Mashpee	Jobs Fishing Rd N of Market St	8/21/2018	5,507 4,400	3	Fair to Good Patchy, filled cracks, weathering
Site Code: 21435	X <input type="text" value="-70.4940"/> Y <input type="text" value="41.6152"/>				

TOWN	ROUTE & LOCATION	Begin Date:	ADT AADT	Pavement Conditions	
Mashpee	Jobs Fishing Rd N of Market St	7/30/2018	5,268 4,200	3	Fair to Good General weathering, some re-paced patches, some cracking
Site Code: 21435	X -70.4940 Y 41.6152				
Mashpee	Mashpee Neck Rd S of Quinaquisset Av	6/6/2018	2,924 2,500	3	Fair to Good Mild weathering, minor cracks
Site Code: 7222	X -70.4689 Y 41.6210				
Mashpee	Meetinghouse Rd N of Rt 28	6/4/2019	987 830	3	Fair to Good Major sealing (and carpenter ants)
Site Code: 20250	X -70.4803 Y 41.6242				
Mashpee	Old Barnstable Rd N of Rt 151	6/4/2019	8,958 7,500	2	Good to Very Good
Site Code: 20255	X -70.5085 Y 41.6178				
Mashpee Barnstable	Old Mill Rd @ Mash/Barn TL	6/6/2018	735 620	4	Poor to Fair cracking down center line, much weathering
Site Code: 20256	X -70.4509 Y 41.6278				
Mashpee	Orchard Rd S of Rt 28	6/25/2019	4,332 3,600	2	Good to Very Good
Site Code: 20258	X -70.4722 Y 41.6278				
Mashpee	Pimlico Pond Rd W of Cotuit Rd	6/4/2019	2,097 1,800	3	Fair to Good Edge cracks and sealing
Site Code: 20259	X -70.4785 Y 41.6806				
Mashpee	Quinaquisset Av S of Rt 28	8/21/2018	2,621 2,100	3	Fair to Good General weathering, some cracks - more fair than good
Site Code: 20262	X -70.4792 Y 41.6216				
Mashpee Barnstable	Quinaquisset Av @ Mash/Barn TL	6/27/2017	3,154 2,600	2	Good to Very Good weathered
Site Code: 20261	X -70.4504 Y 41.6167				
Mashpee	South Sandwich Rd N of Rt 130	7/30/2018	6,773 5,400	3	Fair to Good General weathering, filled cracks
Site Code: 20277	X -70.4752 Y 41.6503				

TOWN	ROUTE & LOCATION	Begin Date:	ADT AADT	Pavement Conditions	
Mashpee		07/24/2018	7,035	3	Fair to Good
Site Code:	South Sandwich Rd N of Rt 130		5,600	General weathering, filled cracks	
<input type="text" value="20277"/>	X <input type="text" value="-70.4752"/> Y <input type="text" value="41.6503"/>				
Barnstable		7/25/2017	9,234	4	Poor to Fair
Site Code:	Rt 132 N of CCCC N Exit		7,300	rutting, weathered, transverse cracks	
<input type="text" value="20317"/>	X <input type="text" value="-70.3423"/> Y <input type="text" value="41.6928"/>				
Barnstable		7/26/2017	10,170	5	Poor
Site Code:	Rt 149 N of Rt 28		8,000	weathering, rutting, crack seal, repaved sections over gas main, patches	
<input type="text" value="20325"/>	X <input type="text" value="-70.4142"/> Y <input type="text" value="41.6520"/>				
Barnstable Yarmouth		6/17/2019	11,268	3	Fair to Good
Site Code:	Rt 6A @ Barn/Yarm TL		9,500	rutting	
<input type="text" value="20338"/>	X <input type="text" value="-70.2603"/> Y <input type="text" value="41.7013"/>				
Barnstable Yarmouth		8/6/2018	12,957	3	Fair to Good
Site Code:	Rt 6A @ Barn/Yarm TL		10,400	General weathering, minor cracking	
<input type="text" value="20338"/>	X <input type="text" value="-70.2603"/> Y <input type="text" value="41.7013"/>				
Barnstable Yarmouth		8/1/2017	14,038	2	Good to Very Good
Site Code:	Rt 6A @ Barn/Yarm TL		11,200	weathered, rutting	
<input type="text" value="20338"/>	X <input type="text" value="-70.2603"/> Y <input type="text" value="41.7013"/>				
Barnstable		7/30/2019	7,388	3	Fair to Good
Site Code:	Rt 6A E of Hyannis Rd		5,900		
<input type="text" value="7132"/>	X <input type="text" value="-70.2990"/> Y <input type="text" value="41.7004"/>				
Barnstable		07/30/2018	7,738	3	Fair to Good
Site Code:	Rt 6A E of Hyannis Rd		6,200	General weathering, small wheel ruts	
<input type="text" value="7132"/>	X <input type="text" value="-70.2990"/> Y <input type="text" value="41.7004"/>				
Barnstable		6/5/2019	2,173	3	Fair to Good
Site Code:	Airport Rd N of Rt 132		1,800		
<input type="text" value="20278"/>	X <input type="text" value="-70.2985"/> Y <input type="text" value="41.6705"/>				
Barnstable		6/5/2018	7,415	3	Fair to Good
Site Code:	Attucks Ln W of Phinneys Ln		6,200	Weathering, cracks and pebbles exposed	
<input type="text" value="21019"/>	X <input type="text" value="-70.3128"/> Y <input type="text" value="41.6782"/>				

TOWN	ROUTE & LOCATION	Begin Date:	ADT AADT	Pavement Conditions	
Barnstable	Bassett Ln N of North St	6/3/2019	5,468 4,600	3	Fair to Good
Site Code: 7189	X -70.2906 Y 41.6523				
Barnstable	Bassett Ln N of North St	8/1/2017	6,237 5,000	4	Poor to Fair
Site Code: 7189	X -70.2906 Y 41.6523				weathered, rutting, crack seal, patch, 6ft deep holes
Barnstable	Bearses Way N of Rt 28	6/26/2019	18,098 15,200	1	New
Site Code: 20281	X -70.3007 Y 41.6640				
Barnstable	Bearses Way S of Rt 28	6/5/2018	13,809 11,600	3	Fair to Good
Site Code: 21012	X -70.2995 Y 41.6626				minor weathering, pebbles, becoming exposed
Barnstable	Bearses Way N of Enterprise Rd	6/5/2018	11,371 9,600	2	Good to Very Good
Site Code: 7336	X -70.3033 Y 41.6670				Minor weathering/relatively new
Barnstable	Bearses Way N of Enterprise Rd	8/1/2017	12,626 10,100	1	New
Site Code: 7336	X -70.3033 Y 41.6670				
Barnstable	Bridge St E of Draw Bridge	8/12/2019	3,193 2,600	2	Good to Very Good
Site Code: 7201	X -70.3954 Y 41.6229				
Barnstable	Bumps River Rd E of Lumbert Mill Rd	8/12/2019	1,747 1,400	2	Good to Very Good
Site Code: 7197	X -70.3636 Y 41.6485				
Barnstable	Center St N of Main St	6/3/2019	13,151 11,000	2	Good to Very Good
Site Code: 20282	X -70.2804 Y 41.6546				
Barnstable	Charles St W of Washington St Ext	7/9/2019	4,357 3,400	2	Good to Very Good
Site Code: 21505	X -70.2853 Y 41.6567				large patch

TOWN	ROUTE & LOCATION	Begin Date:	ADT AADT	Pavement Conditions	
Barnstable	Fuller Rd E of Wedgewood Dr	8/13/2018	777 620	3	Fair to Good
Site Code: 7196	X -70.3566 Y 41.6536				1-3 - Half newly paved. Old part had cracking and general weathering
Barnstable	High School Rd N of South St	6/3/2019	3,633 3,100	4	Poor to Fair
Site Code: 7191	X -70.2867 Y 41.6505				cracked and severe rutting
Barnstable	Huckins Neck Rd W of Rt 132	6/5/2019	1,338 1,100	2	Good to Very Good
Site Code: 20287	X -70.3298 Y 41.6832				mild weathering
Barnstable	Independence Dr S of Attucks Ln	8/15/2017	8,344 6,700	3	Fair to Good
Site Code: 21426	X -70.2998 Y 41.6742				crack seal, weathered, rutting
Barnstable	Lewis Bay Rd N of South St	6/3/2019	5,702 4,800	4	Poor to Fair
Site Code: 20291	X -70.2749 Y 41.6535				
Barnstable	Lincoln Rd S of Rt 28	8/1/2017	3,357 2,700	2	Good to Very Good
Site Code: 20292	X -70.3128 Y 41.6597				weathering, rutting, repaved section
Barnstable	Lumbert Mill Rd S of Westminster Rd	7/25/2017	1,506 1,200	4	Poor to Fair
Site Code: 7199	X -70.3702 Y 41.6508				blocking, weathered, long and trans cracks
Barnstable Yarmouth	Main St (Hyannis) @ Barn/Yarm TL	8/1/2017	12,408 9,900	3	Fair to Good
Site Code: 20295	X -70.2712 Y 41.6570				crack seal, weathered, rutting
Barnstable	Main St (Hyannis) W of Cedar St	8/27/2018	12,708 10,200	3	Fair to Good
Site Code: 7190	X -70.2742 Y 41.6561				General weathering, some wheel ruts
Barnstable	Main St (Hyannis) E of West End Rotary	8/6/2018	15,292 12,200	3	Fair to Good
Site Code: 21443	X -70.2947 Y 41.6476				General weathering

TOWN	ROUTE & LOCATION	Begin Date:	ADT AADT	Pavement Conditions	
Barnstable	Mary Dunn Rd S of Rt 6A	5/27/2019	5,013 4,700	3	Fair to Good noticeable weathering
Site Code: 20299	X -70.2808	Y 41.6996			
Barnstable	Mary Dunn Rd N of Independence Park	5/30/2017	6,052 5,400	2	Good to Very Good minor transverse crack
Site Code: 20298	X -70.2809	Y 41.6840			
Barnstable	Newtown Rd N of Rt 28	8/6/2018	2,395 1,900	3	Fair to Good General weathering
Site Code: 20300	X -70.4458	Y 41.6399			
Barnstable	North St W of Barnstable Rd	6/3/2019	8,368 7,000	2	Good to Very Good
Site Code: 7134	X -70.2833	Y 41.6542			
Barnstable	Nye Rd N of Lumbert Mill Rd	7/25/2017	1,761 1,400	4	Poor to Fair alligator, major rutting, weathered
Site Code: 7203	X -70.3729	Y 41.6583			
Barnstable	Oak St @ Rt 6 Overpass	5/27/2019	3,741 3,500	3	Fair to Good road is good, bridge is in poor condition
Site Code: 20818	X -70.3536	Y 41.6843			
Barnstable	Oak St @ Rt 6 Overpass	8/6/2018	4,067 3,300	3	Fair to Good Weathering
Site Code: 20818	X -70.3536	Y 41.6843			
Barnstable	Ocean Av S of Sea St	7/9/2019	3,536 2,800	1	New new pavement. Bad for setups
Site Code: 7135	X -70.2905	Y 41.6380			
Barnstable	Ocean St N of Gosnold St	7/9/2019	3,616 2,900	2	Good to Very Good
Site Code: 21507	X -70.2796	Y 41.6412			
Barnstable	Ocean St S of South St & Old Colony Rd	5/30/2017	5,918 5,200	3	Fair to Good crack seal, rutting
Site Code: 20303	X -70.2804	Y 41.6507			

TOWN	ROUTE & LOCATION	Begin Date:	ADT AADT	Pavement Conditions	
Barnstable		8/27/2018	8,051	3	Fair to Good
Site Code:	Old Colony N of South St		6,400	Half new - non-new has filled cracks and weathering	
7193	X -70.2808 Y 41.6518				
Barnstable		08/06/2018	8,212	3	Fair to Good
Site Code:	Old Colony N of South St		6,600	Cracks and patches	
7193	X -70.2808 Y 41.6518				
Barnstable		7/9/2019	2,669	2	Good to Very Good
Site Code:	Old Craigville Rd N of Old Town Rd		2,100		
21504	X -70.3210 Y 41.6483				
Barnstable		8/12/2019	2,732	4	Poor to Fair
Site Code:	Old Mill Rd S of Regency Dr		2,200	cracking, seals, and patching	
21506	X -70.4250 Y 41.6819				
Barnstable		6/5/2017	695	3	Fair to Good
Site Code:	Old Post Rd E of Old Stage Rd		580	weathered, cracks, minor rutting	
7195	X -70.3500 Y 41.6545				
Barnstable		8/1/2017	14,634	3	Fair to Good
Site Code:	Old Stage Rd N of Rt 28		11,700	weathering, rutting, potholes	
20339	X -70.3505 Y 41.6575				
Barnstable		8/12/2019	13,272	3	Fair to Good
Site Code:	Old Stage Rd N of Skunknett Rd		10,600		
7194	X -70.3610 Y 41.6719				
Barnstable		08/06/2018	1,580	3	Fair to Good
Site Code:	Parker Rd S of 3rd Av		1,300	Weathering, filled cracks	
7200	X -70.3850 Y 41.6207				
Barnstable		6/26/2019	1,456	3	Fair to Good
Site Code:	Paula George Wy E of Ridgewood Av		1,200		
21512	X -70.2805 Y 41.6584				
Barnstable		6/5/2018	14,460	3	Fair to Good
Site Code:	Phinneys Ln S of Rt 132		12,100	weathering and cracks	
20310	X -70.3131 Y 41.6761				

TOWN	ROUTE & LOCATION	Begin Date:	ADT AADT	Pavement Conditions	
Barnstable	Phinneys Ln S of Kidds Hill Rd	5/22/2019	7,711 7,200	3	Fair to Good Weathering
Site Code: 20837	X -70.3075 Y 41.6863				
Barnstable	Phinneys Ln S of Kidds Hill Rd	5/8/2019	7,277 6,800	3	Fair to Good weathering, minor rutting, longitude cracking
Site Code: 20837	X -70.3075 Y 41.6863				
Barnstable	Phinneys Ln S of Kidds Hill Rd	6/4/2018	7,608 6,400	3	Fair to Good Minor cracking and weathering
Site Code: 20837	X -70.3075 Y 41.6863				
Barnstable	Pleasant St S of Main St (Hyannis)	7/9/2019	2,571 2,000	3	Fair to Good
Site Code: 21038	X -70.2791 Y 41.6543				
Barnstable	Ridgewood Rd S of Paula George Wy	6/26/2019	5,528 4,600	2	Good to Very Good minor weathering
Site Code: 21513	X -70.2816 Y 41.6582				
Barnstable	Route 6A E of Mary Dunn Rd	7/30/2019	13,000 10,300	3	Fair to Good
Site Code: 21509	X -70.2800 Y 41.7009				
Barnstable	Route 6A W of Mary Dunn Rd	8/19/2019	7,359 5,900	2	Good to Very Good
Site Code: 21517	X -70.2819 Y 41.7002				
Barnstable	S Main St (Osterville) E of Starboard Ln	8/12/2019	8,035 6,400	2	Good to Very Good sealing
Site Code: 21433	X -70.3585 Y 41.6351				
Barnstable	S Main St (Osterville) E of Starboard Ln	8/13/2018	8,225 6,600	3	Fair to Good General weathering, some filled cracks
Site Code: 21433	X -70.3585 Y 41.6351				
Barnstable	Scudder Av W of Greenwood Av	6/25/2018	5,506 4,600	2	Good to Very Good Lines fading but pavement in good condition
Site Code: 21442	X -70.3005 Y 41.6449				

TOWN	ROUTE & LOCATION	Begin Date:	ADT AADT	Pavement Conditions	
Barnstable	Scudder Av W of West End Rotary	08/06/2018	6,874 5,500	3	Fair to Good General weathering
Site Code: 20777	X -70.2981 Y 41.6464				
Barnstable	Shootflying Hill Rd W of Rt 132	6/5/2018	6,023 5,100	3	Fair to Good Weathering, pebbles, few cracks
Site Code: 20343	X -70.3345 Y 41.6856				
Barnstable	West Main St S of Rt 28	7/9/2019	15,250 12,000	2	Good to Very Good
Site Code: 20348	X -70.3317 Y 41.6576				
Barnstable	West Main St S of Rt 28	7/25/2017	13,427 10,600	3	Fair to Good crack seal, rutting, weathered
Site Code: 20348	X -70.3317 Y 41.6576				
Barnstable	West Main St W of West End Rotary	8/6/2018	18,976 15,200	3	Fair to Good General weathering and patchwork of repairs
Site Code: 21045	X -70.2979 Y 41.6476				
Yarmouth	Rt 28 E of North Main St	8/13/2018	17,340 13,900	3	Fair to Good General weathering, some ruts and patches
Site Code: 20395	X -70.1847 Y 41.6667				
Yarmouth	Rt 28 E of North Main St	8/8/2018	18,322 14,700	3	Fair to Good General weathering, some ruts and patches
Site Code: 20395	X -70.1847 Y 41.6667				
Yarmouth	Rt 28 E of North Main St	6/20/2017	15,758 13,200	3	Fair to Good one lane has rutting, weathered, crackseal
Site Code: 20395	X -70.1847 Y 41.6667				
Yarmouth	Rt 28 W of Old Main St (S Yarmouth)	6/26/2017	17,697 14,900	2	Good to Very Good some weathering, road lines faded in spots
Site Code: 20394	X -70.2058 Y 41.6563				
Yarmouth	Rt 6A E of Minden Ln	6/12/2018	13,099 11,000	3	Fair to Good Minor cracks and weathering
Site Code: 21289	X -70.2481 Y 41.7037				

TOWN	ROUTE & LOCATION	Begin Date:	ADT AADT	Pavement Conditions	
Yarmouth	Rt 6A W of Setucket Rd	8/20/2019	15,383 12,300	3	Fair to Good cracking, weathering
Site Code: 20362	X -70.2054 Y 41.7121				
Yarmouth	Rt 6A E of Union St	6/12/2018	16,251 13,700	3	Fair to Good weathering, cracks.
Site Code: 20403	X -70.2257 Y 41.7053				
Yarmouth	Rt 6A E of Union St	6/12/2017	15,882 13,300	3	Fair to Good major rutting, minor crack, weathered
Site Code: 20403	X -70.2257 Y 41.7053				
Yarmouth	Rt 6A W of Willow St	6/20/2018	9,652 8,100	3	Fair to Good weathering and cracks
Site Code: 21417	X -70.2562 Y 41.7032				
Yarmouth	Rt 6A W of Willow St	8/2/2017	10,988 8,800	3	Fair to Good weathered, rutting, patch
Site Code: 21417	X -70.2562 Y 41.7032				
Yarmouth Dennis	Rt 6A @ Yarm/Denn TL	8/20/2019	11,617 9,300	4	Poor to Fair severe edge deterioration. cracking, patching, etc.
Site Code: 20405	X -70.1983 Y 41.7187				
Yarmouth Dennis	Rt 6A @ Yarm/Denn TL	6/20/2018	10,363 8,700	3	Fair to Good weathering
Site Code: 20405	X -70.1983 Y 41.7187				
Yarmouth Dennis	Rt 6A @ Yarm/Denn TL	8/2/2017	13,632 10,900	3	Fair to Good weathering, rutting, linear and transverse cracks
Site Code: 20405	X -70.1983 Y 41.7187				
Yarmouth	Abells Rd E of Higgins Crowell Rd (W of CVS)	6/17/2019	1,466 1,200	3	Fair to Good
Site Code: 7231	X -70.2416 Y 41.6517				
Yarmouth	Abells Rd E of Higgins Crowell Rd (W of CVS)	6/20/2017	1,410 1,200	3	Fair to Good weathered, crack seal
Site Code: 7231	X -70.2416 Y 41.6517				

TOWN	ROUTE & LOCATION	Begin Date:	ADT AADT	Pavement Conditions	
Yarmouth	Buck Island Rd W of Pumphouse Ln	6/18/2018	11,923 10,000	<input type="text" value="3"/>	<input type="text" value="Fair to Good"/> Soft pavement (beware!), weathering.
Site Code: <input type="text" value="7232"/>	X <input type="text" value="-70.2345"/> Y <input type="text" value="41.6635"/>				
Yarmouth	Buck Island Rd E of West Yarmouth Rd	6/17/2019	6,863 5,800	<input type="text" value="2"/>	<input type="text" value="Good to Very Good"/>
Site Code: <input type="text" value="20357"/>	X <input type="text" value="-70.2270"/> Y <input type="text" value="41.6647"/>				
Yarmouth	Buck Island Rd E of West Yarmouth Rd	6/12/2017	7,583 6,400	<input type="text" value="3"/>	<input type="text" value="Fair to Good"/> major rutting, weathered
Site Code: <input type="text" value="20357"/>	X <input type="text" value="-70.2270"/> Y <input type="text" value="41.6647"/>				
Yarmouth	Buck Island Rd W of West Yarmouth Rd	8/2/2017	13,906 11,100	<input type="text" value="3"/>	<input type="text" value="Fair to Good"/> weathering, rutting
Site Code: <input type="text" value="20358"/>	X <input type="text" value="-70.2319"/> Y <input type="text" value="41.6646"/>				
Yarmouth	Camp St N of Rt 28	6/17/2019	3,992 3,400	<input type="text" value="3"/>	<input type="text" value="Fair to Good"/>
Site Code: <input type="text" value="20360"/>	X <input type="text" value="-70.2641"/> Y <input type="text" value="41.6587"/>				
Yarmouth	Captain Small Rd W of Station Av	6/12/2017	709 600	<input type="text" value="4"/>	<input type="text" value="Poor to Fair"/> major weathering
Site Code: <input type="text" value="7230"/>	X <input type="text" value="-70.2011"/> Y <input type="text" value="41.6788"/>				
Yarmouth	D-Y School Admin Dr E of Station Ave	9/10/2018	359 330	<input type="text" value="4"/>	<input type="text" value="Poor to Fair"/>
Site Code: <input type="text" value="21447"/>	X <input type="text" value="-70.1998"/> Y <input type="text" value="41.6794"/>				
Yarmouth	Forest Rd N of Rt 28	8/20/2019	6,264 5,000	<input type="text" value="2"/>	<input type="text" value="Good to Very Good"/>
Site Code: <input type="text" value="20366"/>	X <input type="text" value="-70.2043"/> Y <input type="text" value="41.6597"/>				
Yarmouth	Forest Rd S of Old Town House Rd	8/2/2017	8,471 6,800	<input type="text" value="2"/>	<input type="text" value="Good to Very Good"/> weathered, rutting
Site Code: <input type="text" value="20365"/>	X <input type="text" value="-70.2196"/> Y <input type="text" value="41.6838"/>				
Yarmouth	Great Western Rd over Rt 6	8/27/2018	5,778 4,600	<input type="text" value="3"/>	<input type="text" value="Fair to Good"/> smooth & even, general weathering, pebbly
Site Code: <input type="text" value="7140"/>	X <input type="text" value="-70.1838"/> Y <input type="text" value="41.6919"/>				

TOWN	ROUTE & LOCATION	Begin Date:	ADT AADT	Pavement Conditions	
Yarmouth	Higgins Crowell Rd N of Abells Rd	7/30/2019	5,729 4,600	3	Fair to Good a lot of sealing
Site Code: 20369	X -70.2421 Y 41.6516				
Yarmouth	Higgins Crowell Rd N of Buck Island Rd	6/26/2017	6,634 5,600	1	New New
Site Code: 20370	X -70.2445 Y 41.6612				
Yarmouth	Highbank Rd W of Great Western Rd	8/20/2019	7,822 6,300	2	Good to Very Good sealing
Site Code: 20373	X -70.1645 Y 41.6844				
Yarmouth	Long Pond Dr W of Station Av	6/10/2019	4,485 3,800	3	Fair to Good Sealed alligator cracks
Site Code: 20374	X -70.1933 Y 41.6741				
Yarmouth	Mattacheese Middle School Driveway E of Higgins Crowell Rd	9/10/2018	891 830	5	Poor
Site Code: 21444	X -70.2454 Y 41.6693				
Yarmouth	North Main St N of Regional Av	6/24/2019	3,589 3,000	3	Fair to Good some seals
Site Code: 20377	X -70.1832 Y 41.6766				
Yarmouth	Old Church St S of Center St	6/10/2019	1,038 870	3	Fair to Good
Site Code: 7229	X -70.2301 Y 41.7089				
Yarmouth	Regional Av E of Station Av	6/26/2017	6,271 5,300	3	Fair to Good Transverse cracks, weathered
Site Code: 20388	X -70.1906 Y 41.6749				
Yarmouth	Route 6A E of Strawberry Ln	6/12/2018	11,389 9,600	4	Poor to Fair cracking and weathering
Site Code: 21431	X -70.2428 Y 41.7059				
Yarmouth	Setucket Rd W of North Dennis Rd	6/12/2018	4,362 3,700	3	Fair to Good some minor weathering
Site Code: 20745	X -70.1918 Y 41.7122				

TOWN	ROUTE & LOCATION	Begin Date:	ADT AADT	Pavement Conditions	
Yarmouth		8/20/2019	6,038	2	Good to Very Good
Dennis	Setucket Rd		4,800		
Site Code:	@ Yarm/Denn TL				
20838	X -70.1859	Y 41.7128			
Yarmouth		6/26/2017	6,316	2	Good to Very Good
Dennis	Setucket Rd		5,300		Weathered
Site Code:	@ Yarm/Denn TL				
20838	X -70.1859	Y 41.7128			
Yarmouth		8/2/2017	5,747	2	Good to Very Good
	South St		4,600		weathered, rutting
Site Code:	S of Old Main St				
20407	X -70.2019	Y 41.6574			
Yarmouth		9/10/2018	11,614	3	Fair to Good
	Station Av		10,800		weathering, some filled cracks
Site Code:	S of Lakefield Rd				
21432	X -70.1980	Y 41.6779			
Yarmouth		6/10/2019	12,908	3	Fair to Good
	Station Av		10,800		Rutting on road
Site Code:	S of Old Town House Rd				
20410	X -70.2059	Y 41.6836			
Yarmouth		6/10/2019	8,463	3	Fair to Good
	Station Av		7,100		Rutting and seals
Site Code:	S of Regional Av				
20413	X -70.1904	Y 41.6736			
Yarmouth		8/2/2017	9,917	3	Fair to Good
	Station Av		7,900		crack seal, weathering, rutting
Site Code:	N of Wood Rd				
20414	X -70.1881	Y 41.6705			
Yarmouth		6/10/2019	2,395	3	Fair to Good
	Strawberry Ln		2,000		Minor rutting
Site Code:	S of Rt 6A				
7226	X -70.2424	Y 41.7045			
Yarmouth		8/27/2018	2,549	3	Fair to Good
	Strawberry Ln		2,000		even, but general heavy weathering
Site Code:	S of Rt 6A				
7226	X -70.2424	Y 41.7045			
Yarmouth		6/20/2017	2,562	2	Good to Very Good
	Strawberry Ln		2,200		Weathered
Site Code:	S of Rt 6A				
7226	X -70.2424	Y 41.7045			

TOWN	ROUTE & LOCATION	Begin Date:	ADT AADT	Pavement Conditions	
Yarmouth	Union St S of Rt 6A	6/20/2017	6,784 5,700	2	Good to Very Good crackseal, rutting
Site Code: 20418	X -70.2282 Y 41.7050				
Yarmouth	West Yarmouth Rd N of Buck Island Rd	6/18/2018	7,296 6,100	3	Fair to Good cracks
Site Code: 20419	X -70.2294 Y 41.6657				
Yarmouth	Willow St S of R.R. tracks	6/18/2018	7,814 6,600	3	Fair to Good Minor weathering, some cracking
Site Code: 20426	X -70.2574 Y 41.6983				
Dennis	Rt 134 S of Rt 6A	6/26/2017	7,978 6,700	3	Fair to Good weathered, rutting
Site Code: 20450	X -70.1614 Y 41.7425				
Dennis	Rt 134 N of Airline Rd	7/15/2019	13,995 11,100	3	Fair to Good
Site Code: 20904	X -70.1538 Y 41.7072				
Dennis	Rt 134 N of Airline Rd	8/20/2018	12,209 9,800	3	Fair to Good Smooth and even but soft, pebble-ridden type pavement
Site Code: 20904	X -70.1538 Y 41.7072				
Dennis	Rt 134 N of Exit 9	7/15/2019	25,063 19,800	2	Good to Very Good
Site Code: 20766	X -70.1542 Y 41.7002				
Dennis	Rt 134 N of Exit 9	8/20/2018	23,777 19,000	4	Poor to Fair Major weathering, big cracks, a few holes
Site Code: 20766	X -70.1542 Y 41.7002				
Dennis	Rt 134 N of Upper County Rd	8/27/2018	21,069 16,900	2	Good to Very Good general weathering but still very even and smooth
Site Code: 20453	X -70.1518 Y 41.6871				
Dennis	Rt 134 S of Upper County Rd	7/15/2019	12,364 9,800	3	Fair to Good
Site Code: 20454	X -70.1512 Y 41.6853				

TOWN	ROUTE & LOCATION	Begin Date:	ADT AADT	Pavement Conditions	
Dennis	Rt 134 S of Upper County Rd	7/17/2018	12,944 10,200	2	Good to Very Good
Site Code: 20454	X -70.1512 Y 41.6853				
Dennis	Rt 134 S of Upper County Rd	6/26/2017	12,251 10,300	2	Good to Very Good
Site Code: 20454	X -70.1512 Y 41.6853				Weathered, rutting
Dennis	Rt 134 N of Bob Crowell Rd (Access Rd)	7/15/2019	19,504 15,400	3	Fair to Good
Site Code: 20856	X -70.1544 Y 41.7036				
Dennis	Rt 134 N of Bob Crowell Rd (Access Rd)	07/17/2018	20,181 15,900	3	Fair to Good
Site Code: 20856	X -70.1544 Y 41.7036				General weathering, some minor cracking
Dennis Harwich	Rt 28 @ Denn/Harw TL	6/24/2019	8,397 7,100	3	Fair to Good
Site Code: 20455	X -70.1220 Y 41.6688				patches and minor cracks
Dennis Harwich	Rt 28 @ Denn/Harw TL	8/8/2017	12,165 9,700	5	Poor
Site Code: 20455	X -70.1220 Y 41.6688				weathered, rutting, blocking, trans cracks, potholes
Dennis	Rt 28 E of School St	6/21/2017	13,294 11,200	3	Fair to Good
Site Code: 21420	X -70.1687 Y 41.6643				Weathered, rutted, transverse cracks on one side, other side newer pavement
Dennis	Rt 28 W of School St	6/21/2017	15,431 13,000	3	Fair to Good
Site Code: 21421	X -70.1697 Y 41.6642				Weathered, crack seal
Dennis	Rt 28 W of Sea St	6/24/2019	8,742 7,300	4	Poor to Fair
Site Code: 20456	X -70.1291 Y 41.6659				many patches
Dennis	Rt 28 E of Telegraph Rd	6/21/2017	7,058 5,900	4	Poor to Fair
Site Code: 20457	X -70.1235 Y 41.6682				transverse/longitudinal cracks, weathered

TOWN	ROUTE & LOCATION	Begin Date:	ADT AADT	Pavement Conditions	
Dennis	Rt 28 W of Woodbine Dr	6/24/2019	12,309 10,300	4	Poor to Fair big potholes and patches
Site Code: 20458	X -70.1645 Y 41.6662				
Dennis Brewster	Rt 6A @ Denn/Brew TL	8/20/2019	8,546 6,800	3	Fair to Good weathering
Site Code: 20460	X -70.1452 Y 41.7448				
Dennis Brewster	Rt 6A @ Denn/Brew TL	8/27/2018	6,790 5,400	4	Poor to Fair Yarm. side had cracks and major weathering, Denn. side was pretty new
Site Code: 20460	X -70.1452 Y 41.7448				
Dennis	Rt 6A E of Old Bass River Rd	8/20/2019	10,934 8,700	3	Fair to Good
Site Code: 20461	X -70.1919 Y 41.7383				
Dennis	Rt 6A E of Old Bass River Rd	8/15/2017	11,089 8,900	3	Fair to Good weathered, rutting, long/trans cracks
Site Code: 20461	X -70.1919 Y 41.7383				
Dennis	Airline Rd E of Rt 134	7/17/2018	7,232 5,700	3	Fair to Good Weathering, generally soft
Site Code: 20434	X -70.1525 Y 41.7081				
Dennis Brewster	Airline Rd @ Denn/Brew TL (S end)	8/20/2019	5,076 4,100	2	Good to Very Good
Site Code: 7145	X -70.1400 Y 41.7265				
Dennis Brewster	Airline Rd @ Denn/Brew TL (S end)	8/20/2018	5,682 4,500	3	Fair to Good General weathering
Site Code: 7145	X -70.1400 Y 41.7265				
Dennis Brewster	Airline Rd @ Denn/Brew TL (S end)	6/13/2017	5,116 4,300	3	Fair to Good major weathering, crack seal, starting to rut
Site Code: 7145	X -70.1400 Y 41.7265				
Dennis	Bob Crowell Rd (Access Rd) W of Rt 134	6/26/2017	6,953 5,800	3	Fair to Good Weathered, a lot of rutting
Site Code: 20857	X -70.1547 Y 41.7034				

TOWN	ROUTE & LOCATION	Begin Date:	ADT AADT	Pavement Conditions	
Dennis		6/20/2017	912	3	Fair to Good
Site Code:	Division St		770	Weathered, Long/Trans Cracks	
<input type="text" value="21092"/>	N of Rt 28				
X	<input type="text" value="-70.1222"/>	Y	<input type="text" value="41.6695"/>		
Dennis		6/20/2017	1,756	4	Poor to Fair
Site Code:	Division St		1,500	Longitudinal and transverse cracks, a patch, weathering	
<input type="text" value="20435"/>	S of Rt 28				
X	<input type="text" value="-70.1217"/>	Y	<input type="text" value="41.6682"/>		
Dennis		7/15/2019	3,415	2	Good to Very Good
Site Code:	Main St		2,700		
<input type="text" value="21510"/>	N of Market PI				
X	<input type="text" value="-70.1540"/>	Y	<input type="text" value="41.6947"/>		
Dennis		8/15/2017	8,155	1	New
Site Code:	Main St		6,500		
<input type="text" value="7146"/>	S of Old Bass River Rd				
X	<input type="text" value="-70.1578"/>	Y	<input type="text" value="41.6921"/>		
Dennis		7/15/2019	3,459	2	Good to Very Good
Site Code:	Market PI		2,700		
<input type="text" value="21278"/>	W of Main St				
X	<input type="text" value="-70.1540"/>	Y	<input type="text" value="41.6944"/>		
Dennis		6/24/2019	5,428	2	Good to Very Good
Site Code:	Old Bass River Rd		4,600		
<input type="text" value="20446"/>	S of Rt 6A				
X	<input type="text" value="-70.1920"/>	Y	<input type="text" value="41.7380"/>		
Dennis		6/24/2019	1,667	4	Poor to Fair
Site Code:	Old Chatham Rd		1,400	major rutting and seals	
<input type="text" value="7209"/>	W of Rt 134				
X	<input type="text" value="-70.1547"/>	Y	<input type="text" value="41.7124"/>		
Dennis		7/31/2017	3,053	2	Good to Very Good
Site Code:	Old Chatham Rd		2,400	weathered	
<input type="text" value="20783"/>	@ Denn/Harw TL				
X	<input type="text" value="-70.1322"/>	Y	<input type="text" value="41.7007"/>		
Dennis		6/24/2019	3,274	2	Good to Very Good
Site Code:	Old Main St		2,800		
<input type="text" value="7206"/>	N of Rt 28				
X	<input type="text" value="-70.1612"/>	Y	<input type="text" value="41.6671"/>		
Dennis		06/18/2018	816	3	Fair to Good
Site Code:	Scargo Hill Rd		690	Minor weather and wear and tear	
<input type="text" value="7205"/>	S of Rt 6A				
X	<input type="text" value="-70.1694"/>	Y	<input type="text" value="41.7429"/>		

TOWN	ROUTE & LOCATION	Begin Date:	ADT AADT	Pavement Conditions	
Dennis	School St S of Rt 28	8/8/2017	5,616 4,500	4	Poor to Fair weathered, patches, rutting, repaved for gas line
Site Code: 20463	X -70.1692 Y 41.6636				
Dennis	Sea St S of Rt 28	7/31/2017	2,584 2,100	5	Poor long and trans cracks, crackseal, weathering, rutting, potholes
Site Code: 20809	X -70.1286 Y 41.6659				
Dennis	Setucket Rd W of Rt 134	7/31/2017	4,755 3,800	2	Good to Very Good weathered, rutting
Site Code: 20465	X -70.1585 Y 41.7238				
Dennis	South Gages Way N of Cape Cod Rail Trail	8/20/2018	7,979 6,400	3	Fair to Good Smooth and even, but consists of pebble-ridden, soft pavement
Site Code: 20436	X -70.1388 Y 41.6897				
Dennis	Trotting Park Rd S of Rt 28	6/18/2018	1,506 1,300	3	Fair to Good lumpy edge, inconsistent pavement
Site Code: 7208	X -70.1545 Y 41.6674				
Dennis	Upper County Rd N of Rt 28	7/31/2017	6,382 5,100	3	Fair to Good weathered, crack seal, rutting
Site Code: 21374	X -70.1230 Y 41.6688				
Dennis	Wixon Innovation School Driveway N of Old Chatham Rd	9/10/2018	273 250	5	Poor major cracks, shoulder eroding
Site Code: 21446	X -70.1566 Y 41.7125				
Harwich	Rt 124 N of Rt 39	7/8/2019	9,803 7,700	3	Fair to Good some rutting
Site Code: 7147	X -70.0759 Y 41.6868				
Harwich	Rt 124 N of Rt 39	8/1/2018	10,653 8,500	2	Good to Very Good Minor weathering
Site Code: 7147	X -70.0759 Y 41.6868				
Harwich	Rt 124 N of Rt 39	6/13/2017	8,605 7,200	2	Good to Very Good tape marks, transverse cracks, rutting
Site Code: 7147	X -70.0759 Y 41.6868				

TOWN	ROUTE & LOCATION	Begin Date:	ADT AADT	Pavement Conditions	
Harwich Brewster	Rt 124 @ Harw/Brew TL	7/10/2019	6,073 4,800	2	Good to Very Good
Site Code: 20498	X -70.0849 Y 41.7260				
Harwich Brewster	Rt 124 @ Harw/Brew TL	8/1/2018	6,338 5,100	4	Poor to Fair
Site Code: 20498	X -70.0849 Y 41.7260				Weathering, filled cracks, patchy uneven pavement
Harwich Brewster	Rt 124 @ Harw/Brew TL	6/13/2017	5,456 4,600	4	Poor to Fair
Site Code: 20498	X -70.0849 Y 41.7260				alligator, transverse cracks, weathering, minor rutting
Harwich Brewster	Rt 137 @ Harw/Brew TL	7/10/2019	10,967 8,700	2	Good to Very Good
Site Code: 20500	X -70.0387 Y 41.7267				slight cracking on Harwich side
Harwich Brewster	Rt 137 @ Harw/Brew TL	8/1/2018	10,938 8,800	3	Fair to Good
Site Code: 20500	X -70.0387 Y 41.7267				Mild weathering
Harwich Brewster	Rt 137 @ Harw/Brew TL	7/12/2017	11,266 8,900	4	Poor to Fair
Site Code: 20500	X -70.0387 Y 41.7267				crack seal, alligator, potholes, weathering
Harwich	Rt 137 N of Queen Anne Rd	7/12/2017	13,503 10,700	2	Good to Very Good
Site Code: 20501	X -70.0164 Y 41.7009				weathered, slight rutting
Harwich	Rt 28 E of Belmont Rd	6/13/2017	10,931 9,200	3	Fair to Good
Site Code: 20505	X -70.1164 Y 41.6700				one half repaved, other half has cracks, weathering, rutting
Harwich Chatham	Rt 28 @ Harw/Chat TL (N end)	7/10/2019	9,922 7,800	2	Good to Very Good
Site Code: 20508	X -69.9943 Y 41.7118				
Harwich Chatham	Rt 28 @ Harw/Chat TL (N end)	8/8/2017	11,944 9,600	4	Poor to Fair
Site Code: 20508	X -69.9943 Y 41.7118				weathered, longitudinal cracks, rutting

TOWN	ROUTE & LOCATION	Begin Date:	ADT AADT	Pavement Conditions	
Harwich Chatham	Rt 28 @ Harw/Chat TL (W end)	7/10/2019	10,522 8,300	2	Good to Very Good
Site Code: 20509	X -70.0317 Y 41.6790				
Harwich Chatham	Rt 28 @ Harw/Chat TL (W end)	7/12/2017	10,981 8,700	2	Good to Very Good
Site Code: 20509	X -70.0317 Y 41.6790				Slight weathering
Harwich	Rt 28 E of Sisson Rd (Rt 39)	7/30/2019	10,602 8,400	4	Poor to Fair
Site Code: 20511	X -70.0916 Y 41.6716				patchy pavement
Harwich	Rt 28 E of Sisson Rd (Rt 39)	7/31/2017	10,831 8,600	3	Fair to Good
Site Code: 20511	X -70.0916 Y 41.6716				weathered, rutting, patches
Harwich	Rt 39 E of Rt 124 (Pleasant Lake Av)	7/8/2019	13,339 10,500	3	Fair to Good
Site Code: 21091	X -70.0746 Y 41.6863				some cracks and minor rutting
Harwich	Rt 39 W of Rt 137	7/10/2019	10,391 8,200	2	Good to Very Good
Site Code: 20523	X -70.0228 Y 41.7074				
Harwich Brewster	Rt 39 @ Harw/Brew TL	7/31/2017	6,511 5,200	4	Poor to Fair
Site Code: 20515	X -70.0065 Y 41.7284				patches, depressions, long/trans cracks, weathered, crackseal
Harwich	Rt 39 S of Parallel St	7/8/2019	9,520 7,500	3	Fair to Good
Site Code: 20517	X -70.0770 Y 41.6848				cracks in pavement
Harwich	Rt 39 S of Parallel St	7/31/2017	8,988 7,100	4	Poor to Fair
Site Code: 20517	X -70.0770 Y 41.6848				alligator on edges, transverse cracks, weathering
Harwich	Great Western Rd E of Depot St	8/1/2018	7,182 5,700	2	Good to Very Good
Site Code: 20476	X -70.1228 Y 41.6907				Minor weathering, some uneven areas on shoulders

TOWN	ROUTE & LOCATION	Begin Date:	ADT AADT	Pavement Conditions	
Harwich	Lower County Rd W of Rt 28	6/13/2017	2,941 2,500	4	Poor to Fair crackseal, rutting, weathered, longitudinal and transverse cracks
Site Code: 20480	X -70.0794	Y 41.6676			
Harwich	Main St W of Forest St	7/8/2019	7,454 5,900	3	Fair to Good
Site Code: 21516	X -70.0795	Y 41.6862			
Harwich	Oak St N of Rt 39	8/1/2018	4,421 3,500	4	Poor to Fair Heavy weathering, widespread cracking
Site Code: 20483	X -70.0716	Y 41.6872			
Harwich	Parallel St E of Sisson Rd	7/8/2019	1,396 1,100	2	Good to Very Good some patching
Site Code: 21172	X -70.0741	Y 41.6854			
Harwich	Pleasant Bay Rd E of Rt 39	7/30/2019	3,806 3,000	2	Good to Very Good
Site Code: 20489	X -70.0096	Y 41.7211			
Harwich	Pleasant Bay Rd W of Rt 39	08/01/2018	5,759 4,600	3	Fair to Good General weathering
Site Code: 20490	X -70.0142	Y 41.7212			
Harwich	Queen Anne Rd W of Rt 124	7/8/2019	7,208 5,700	3	Fair to Good half new, half sporadically patched and sealed
Site Code: 20494	X -70.0758	Y 41.7025			
Harwich Chatham	Queen Anne Rd W of Rt 137	7/8/2019	6,433 5,100	3	Fair to Good minor weathering
Site Code: 20495	X -70.0164	Y 41.7001			
Harwich	Queen Anne Rd W of Rt 39	7/8/2019	6,945 5,500	2	Good to Very Good half new patch, half fair to good
Site Code: 20491	X -70.0325	Y 41.7013			
Harwich	Queen Anne Rd W of Rt 39	8/15/2017	6,820 5,500	3	Fair to Good weathered, crack seal, rutting
Site Code: 20491	X -70.0325	Y 41.7013			

TOWN	ROUTE & LOCATION	Begin Date:	ADT AADT	Pavement Conditions	
Harwich	Queen Anne Rd E of Oak St	7/8/2019	7,905 6,200	3	Fair to Good half new patch. half old road
Site Code: 20492	X -70.0690	Y 41.7040			
Harwich	South St S of Parallel St	7/8/2019	1,688 1,300	2	Good to Very Good significant edge cracking
Site Code: 21515	X -70.0844	Y 41.6847			
Chatham	Rt 137 N of Rt 28	7/30/2018	7,289 5,800	4	Poor to Fair Many cracks, some filled. Paint faded
Site Code: 20556	X -70.0200	Y 41.6843			
Chatham	Rt 137 S of Middle Rd	8/6/2019	7,619 6,100	3	Fair to Good sealing and weathering
Site Code: 20554	X -70.0204	Y 41.6891			
Chatham	Rt 137 S of Queen Anne Rd	8/6/2019	9,008 7,200	3	Fair to Good sealing
Site Code: 20555	X -70.0165	Y 41.6988			
Chatham	Rt 137 S of Queen Anne Rd	7/30/2018	9,231 7,300	3	Fair to Good Weathering, filled cracks
Site Code: 20555	X -70.0165	Y 41.6988			
Chatham	Rt 137 S of Queen Anne Rd	6/19/2017	8,267 6,900	4	Poor to Fair Major rutting, crack seal, weathered
Site Code: 20555	X -70.0165	Y 41.6988			
Chatham	Rt 28 E of Barn Hill Rd	7/31/2017	18,153 14,400	2	Good to Very Good weathering, rutting
Site Code: 20557	X -69.9913	Y 41.6825			
Chatham	Rt 28 N of Stoney Hill Rd	8/19/2019	9,099 7,300	4	Poor to Fair no shoulder, large cracking
Site Code: 20564	X -69.9623	Y 41.6982			
Chatham	Rt 28 N of Stoney Hill Rd	6/21/2017	8,689 7,300	4	Poor to Fair Major rutting, transverse and longitudinal cracks, weathered
Site Code: 20564	X -69.9623	Y 41.6982			

TOWN	ROUTE & LOCATION	Begin Date:	ADT AADT	Pavement Conditions	
Chatham	Barn Hill Rd	8/6/2019	3,812	2	Good to Very Good
Site Code: 20530	X N of Hardings Beach Rd	Y 41.6781	3,000	slight weathering	
Chatham	Bridge St	8/8/2017	2,645	4	Poor to Fair
Site Code: 20531	X E of Gammys Ln	Y 41.6705	2,100	weathered, long/trans cracks, rutting	
Chatham	Crowell Rd	7/30/2018	5,564	3	Fair to Good
Site Code: 20535	X S of Barcliff Av	Y 41.6892	4,400	General weathering, filled cracks	
Chatham	George Ryder Rd	07/30/2018	2,861	3	Fair to Good
Site Code: 20538	X N of Katie Ford Dr	Y 41.6877	2,300	General weathering	
Chatham	Hardings Beach Rd	07/30/2018	2,575	3	Fair to Good
Site Code: 20540	X W of Barn Hill Rd	Y 41.6758	2,000	General weathering	
Chatham	Main St	8/19/2019	3,580	3	Fair to Good
Site Code: 20543	X W of Shore Rd	Y 41.6772	2,900	slight cracking	
Chatham	Morton Rd	7/12/2017	1,089	4	Poor to Fair
Site Code: 20545	X N of Charles St	Y 41.6826	860	Weathered, section repaved, crack seal	
Chatham	Old Comers Rd	8/19/2019	3,511	3	Fair to Good
Site Code: 20546	X W of Rt 28	Y 41.7030	2,800		
Chatham	Old Queen Anne Rd	8/19/2019	6,741	3	Fair to Good
Site Code: 20550	X N of Stepping Stones /Earles/Wilford	Y 41.6916	5,400		
Chatham	Old Queen Anne Rd	07/30/2018	7,314	3	Fair to Good
Site Code: 20550	X N of Stepping Stones /Earles/Wilford	Y 41.6916	5,800	Mild weathering	

TOWN	ROUTE & LOCATION	Begin Date:	ADT AADT	Pavement Conditions	
Chatham	Old Queen Anne Rd N of Stepping Stones /Earles/Wilford	6/19/2017	6,409 5,400	4	Poor to Fair A lot of weathering, rutting, patch around a sewer
Site Code: 20550	X -69.9757 Y 41.6916				
Chatham	Old Queen Anne Rd S of Stepping Stones Rd	8/6/2019	4,748 3,800	3	Fair to Good weathering
Site Code: 20551	X -69.9741 Y 41.6906				
Chatham Harwich	Queen Anne Rd E of Rt 137	8/19/2019	12,959 10,400	3	Fair to Good
Site Code: 20552	X -70.0150 Y 41.7005				
Chatham	Sam Ryder Rd N of Middle Rd	8/6/2019	3,199 2,600	3	Fair to Good sealing and cracking
Site Code: 20791	X -70.0062 Y 41.6881				
Chatham	Sam Ryder Rd N of Middle Rd	7/30/2018	3,095 2,500	4	Poor to Fair Heavy weathering, some filled and unfilled cracks
Site Code: 20791	X -70.0062 Y 41.6881				
Chatham	Sam Ryder Rd N of Middle Rd	7/12/2017	2,964 2,300	4	Poor to Fair Crack seal, longitudinal cracks, potholes
Site Code: 20791	X -70.0062 Y 41.6881				
Chatham	Shore Rd N of Main St	8/8/2017	5,260 4,200	4	Poor to Fair weathered, rutting, crack seal, transverse cracks
Site Code: 20566	X -69.9492 Y 41.6771				
Chatham	Stepping Stones Rd E of Old Queen Anne Rd	6/21/2017	3,385 2,800	4	Poor to Fair Longitudinal and transverse cracks, weathering, rutted, road newly paved nearby
Site Code: 20571	X -69.9739 Y 41.6917				
Chatham	Stony Hill Rd E of Rt 28	6/21/2017	1,759 1,500	4	Poor to Fair a lot of crackseal, weathering, rutting, longitudinal and transverse cracks
Site Code: 20572	X -69.9606 Y 41.6974				
Chatham	Training Field Rd S of Echo Ln	6/26/2017	2,305 1,900	3	Fair to Good Weathering, rutting, yellow line faded
Site Code: 20573	X -69.9906 Y 41.7076				

TOWN	ROUTE & LOCATION	Begin Date:	ADT AADT	Pavement Conditions	
Brewster	Rt 124 N of Rt 137	7/24/2019	3,707 2,900	2	Good to Very Good slight weathering
Site Code: 20580	X -70.0827	Y 41.7570			
Brewster	Rt 124 S of Rt 137	6/26/2017	3,528 3,000	3	Fair to Good weathering, rutting, crack seal
Site Code: 7143	X -70.0827	Y 41.7543			
Brewster	Rt 137 W of Rt 124	7/24/2019	4,438 3,500	4	Poor to Fair sealing, potholes, cracking on one half. Nearly new on other half
Site Code: 7142	X -70.0835	Y 41.7554			
Brewster	Rt 137 W of Rt 124	7/23/2018	3,996 3,200	4	Poor to Fair Many filled cracks, general weathering
Site Code: 7142	X -70.0835	Y 41.7554			
Brewster	Rt 137 W of Rt 124	6/19/2017	3,193 2,700	5	Poor a lot of crack seal. weathered, alligator
Site Code: 7142	X -70.0835	Y 41.7554			
Brewster	Rt 6A E of Rt 124	7/24/2019	14,790 11,700	2	Good to Very Good
Site Code: 20586	X -70.0825	Y 41.7613			
Brewster	Rt 6A E of Rt 124	7/10/2017	13,526 10,700	1	New New
Site Code: 20586	X -70.0825	Y 41.7613			
Brewster	Rt 6A W of Rt 137	7/10/2017	12,534 9,900	2	Good to Very Good Minor rutting, minor weathering
Site Code: 20587	X -70.0889	Y 41.7569			
Brewster Orleans	Rt 6A @ Brew/Orle TL	7/24/2019	17,185 13,600	2	Good to Very Good
Site Code: 20584	X -70.0084	Y 41.7754			
Brewster Orleans	Rt 6A @ Brew/Orle TL	6/19/2017	13,713 11,500	1	New New
Site Code: 20584	X -70.0084	Y 41.7754			

TOWN	ROUTE & LOCATION	Begin Date:	ADT AADT	Pavement Conditions	
Brewster	Freemans Way W of Rt 6	7/24/2019	3,267 2,600	1	New
Site Code: 20577	X -70.0233	Y 41.7372			
Brewster	Freemans Way E of Industrial Park	07/23/2018	3,035 2,400	3	Fair to Good
Site Code: 20576	X -70.0103	Y 41.7363			Weathering, some cracks - bordering on a 4
Brewster	Millstone Rd N of Rt 137	7/24/2019	4,099 3,200	3	Fair to Good
Site Code: 20579	X -70.0536	Y 41.7426			
Brewster	Millstone Rd S of Rt 6A	7/10/2017	4,734 3,700	3	Fair to Good
Site Code: 7144	X -70.0440	Y 41.7725			crack seal, weathered
Brewster	Satucket Rd W of Red Top Rd	7/24/2019	6,410 5,100	2	Good to Very Good
Site Code: 20589	X -70.1319	Y 41.7322			
Brewster	Satucket Rd W of Stony Brook Rd	7/10/2017	5,838 4,600	2	Good to Very Good
Site Code: 20782	X -70.1150	Y 41.7429			weathering
Orleans	Rt 28 N of Rt 39	8/19/2019	12,465 10,000	5	Poor
Site Code: 20623	X -69.9910	Y 41.7527			deep ruts, cracks, and weathering
Orleans	Rt 28 N of Rt 39	7/10/2017	14,972 11,800	3	Fair to Good
Site Code: 20623	X -69.9910	Y 41.7527			Severe rutting, longitudinal cracks, weathered
Orleans	Rt 28 S of Rt 39	7/10/2017	6,781 5,400	4	Poor to Fair
Site Code: 20624	X -69.9909	Y 41.7517			Longitudinal and transverse cracks, minor rutting, weathered
Orleans	Rt 28 S of Main St	7/16/2018	10,634 8,400	5	Poor
Site Code: 20622	X -69.9875	Y 41.7852			Large cracks and large wheel ruts

TOWN	ROUTE & LOCATION	Begin Date:	ADT AADT	Pavement Conditions	
Orleans	Rt 28 S of Main St	6/19/2017	9,477 8,000	3	Fair to Good Weathered
Site Code: 20622	X -69.9875 Y 41.7852				
Orleans	Rt 39 S of Rt 28	6/26/2017	6,422 5,400	2	Good to Very Good Weathered, minor rutting
Site Code: 20625	X -69.9911 Y 41.7517				
Orleans	Rt 6A W of Rt 28	07/16/2018	10,750 8,500	2	Good to Very Good Minor weathering, small cracks, but overall good
Site Code: 20631	X -69.9874 Y 41.7917				
Orleans	Brewster Cross Rd E of Rt 6A	07/16/2018	1,729 1,400	5	Poor water main broke causing water in road, poorly filled cracks, major weathering
Site Code: 20600	X -69.9926 Y 41.7856				
Orleans	Cove Rd W of Rt 28	07/16/2018	1,493 1,200	4	Poor to Fair Large cracks and wheel ruts
Site Code: 20604	X -69.9888 Y 41.7881				
Orleans	Eldredge Parkway E of Lots Hollow Rd	7/9/2018	8,157 6,400	3	Fair to Good weathering, patched cracks
Site Code: 20606	X -69.9982 Y 41.7794				
Orleans	Monument Rd E of Rt 28	7/16/2018	2,941 2,300	2	Good to Very Good Almost new, minor weathering
Site Code: 20730	X -69.9851 Y 41.7654				
Orleans	Pond Rd E of Rt 28	7/10/2017	1,301 1,000	3	Fair to Good Longitudinal crack, weathering, minor rutting
Site Code: 20617	X -69.9846 Y 41.7775				
Orleans	Rock Harbor Rd W of Skaket Beach Rd	7/10/2017	4,277 3,400	2	Good to Very Good weathered, longitudinal crack
Site Code: 20620	X -70.0020 Y 41.7937				
Orleans	Skaket Beach Rd S of Seabreeze Ln	7/16/2018	1,786 1,400	2	Good to Very Good Almost new, some weathering on edges
Site Code: 21439	X -70.0140 Y 41.7934				

TOWN	ROUTE & LOCATION	Begin Date:	ADT AADT	Pavement Conditions	
Orleans	Tonset Rd E of Rt 28	07/16/2018	5,348 4,200	3	Fair to Good Weathering and filled cracks
Site Code: 20634	X -69.9866 Y 41.7823				
Orleans	West Rd Btwn Old Colony Rd & Rt 6A	7/16/2018	7,928 6,300	3	Fair to Good weathering
Site Code: 20636	X -70.0012 Y 41.7822				
Eastham	Aspinet Rd W of Rt 6	7/17/2017	1,544 1,200	3	Fair to Good weathered, rutted, crackseal, repaved piece of road
Site Code: 20637	X -69.9855 Y 41.8669				
Eastham	Brackett Rd E of Rt 6	7/9/2018	4,671 3,700	3	Fair to Good WEATHERING
Site Code: 20638	X -69.9869 Y 41.8555				
Eastham	Bridge Rd S of Herring Brook Rd	7/9/2018	3,864 3,100	4	Poor to Fair LARGE CRACKS AND WEATHERING
Site Code: 20899	X -69.9907 Y 41.8144				
Eastham	Cable Rd W of Ocean View Dr	7/17/2017	1,756 1,400	2	Good to Very Good minor rutting, weathered
Site Code: 20884	X -69.9554 Y 41.8590				
Eastham	Governor Prence Extension S of Mary Chase Rd	7/17/2017	381 300	5	Poor crack seal, blocking, weathered, re-paved patch
Site Code: 20932	X -69.9677 Y 41.8162				
Eastham	Governor Prence Rd W of Rt 6	7/17/2017	299 240	4	Poor to Fair blocking, weathered, re-paved patch
Site Code: 20641	X -69.9713 Y 41.8183				
Eastham	Governor Prence Rd (N End) E of Rt 6	7/17/2017	510 400	5	Poor weathered, one section repaved, crackseal, long and trans cracks, large pothole
Site Code: 20640	X -69.9682 Y 41.8188				
Eastham	Herring Brook Rd N of Samoset Rd	8/8/2017	3,642 2,900	5	Poor weathered, rutting partly repaved, crack seal, transverse cracks, blocking
Site Code: 20644	X -69.9969 Y 41.8266				

TOWN	ROUTE & LOCATION	Begin Date:	ADT AADT	Pavement Conditions	
Eastham		7/19/2017	1,124	3	Fair to Good
Site Code: 21419	Locust Rd W of Salt Pond Rd	X <input type="text" value="-69.9769"/> Y <input type="text" value="41.8364"/>	890	weathered, transverse cracks, rutting	
Eastham		7/17/2017	3,589	3	Fair to Good
Site Code: 20646	Massasoit Rd W of Rt 6	X <input type="text" value="-69.9880"/> Y <input type="text" value="41.8488"/>	2,800	long/trans cracks, weathered	
Eastham		7/19/2017	2,148	1	New
Site Code: 20741	Nauset Rd (N end) E of Rt 6	X <input type="text" value="-69.9837"/> Y <input type="text" value="41.8653"/>	1,700	new	
Eastham		7/16/2019	5,609	2	Good to Very Good
Site Code: 20757	Nauset Rd (S end) E of Rt 6	X <input type="text" value="-69.9740"/> Y <input type="text" value="41.8381"/>	4,400		
Eastham		7/16/2019	3,607	4	Poor to Fair
Site Code: 20657	Samoset Rd W of Rt 6	X <input type="text" value="-69.9750"/> Y <input type="text" value="41.8302"/>	2,800		
Eastham		7/9/2018	3,684	4	Poor to Fair
Site Code: 20657	Samoset Rd W of Rt 6	X <input type="text" value="-69.9750"/> Y <input type="text" value="41.8302"/>	2,900	cracks, uneven pavement	
Eastham		7/19/2017	4,235	4	Poor to Fair
Site Code: 20657	Samoset Rd W of Rt 6	X <input type="text" value="-69.9750"/> Y <input type="text" value="41.8302"/>	3,300	crack seal, long/trans cracks, weathered	
Eastham		7/16/2019	1,666	2	Good to Very Good
Site Code: 20659	Wellfleet West Rd @ East/Well TL	X <input type="text" value="-69.9935"/> Y <input type="text" value="41.8763"/>	1,300	2 styles of pavement. Lots of horseflies	
Wellfleet		7/16/2019	840	3	Fair to Good
Site Code: 20665	Gull Pond Rd E of Rt 6	X <input type="text" value="-70.0312"/> Y <input type="text" value="41.9480"/>	660		
Wellfleet		7/19/2017	3,094	3	Fair to Good
Site Code: 20666	LeCount Hollow Rd E of Rt 6	X <input type="text" value="-69.9891"/> Y <input type="text" value="41.9168"/>	2,400	crack seal, weathered, rutting	

TOWN	ROUTE & LOCATION	Begin Date:	ADT AADT	Pavement Conditions	
Wellfleet	Lieutenant Island Rd W of Rt 6	8/19/2019	1,380 1,100	4	Poor to Fair major cracking
Site Code: 20667	X -69.9851 Y 41.8999				
Wellfleet	Long Pond Rd @ Rt 6 Overpass	7/9/2018	946 750	5	Poor Bad shoulder, cracks and uneven
Site Code: 20668	X -70.0225 Y 41.9409				
Wellfleet	Main St W of Rt 6	7/16/2019	8,398 6,600	2	Good to Very Good a lot of seals
Site Code: 20670	X -70.0231 Y 41.9381				
Wellfleet	Main St W of Rt 6	7/9/2018	8,623 6,800	3	Fair to Good WEATHERING
Site Code: 20670	X -70.0231 Y 41.9381				
Wellfleet	Main St W of Rt 6	7/19/2017	9,956 7,900	3	Fair to Good crack seal. weathered, rutted
Site Code: 20670	X -70.0231 Y 41.9381				
Wellfleet	Main St @ MethodistChurch	7/19/2017	5,833 4,600	3	Fair to Good crack seal, weathered, rutting
Site Code: 20669	X -70.0274 Y 41.9389				
Truro	Rt 6A (Shore Rd) S of Pond Rd/Highland Rd	8/14/2017	3,361 2,700	4	Poor to Fair crack seal, weathered, rutting, longitudinal and transverse cracks
Site Code: 7152	X -70.0842 Y 42.0333				
Truro Provincetow	Rt 6A (Shore Rd) @ Trur/Prov TL	8/5/2019	3,321 2,700	3	Fair to Good
Site Code: 20696	X -70.1474 Y 42.0636				
Truro Provincetow	Rt 6A (Shore Rd) @ Trur/Prov TL	8/7/2018	3,574 2,900	3	Fair to Good Weathering, some cracking
Site Code: 20696	X -70.1474 Y 42.0636				
Truro Provincetow	Rt 6A (Shore Rd) @ Trur/Prov TL	7/18/2017	3,507 2,800	3	Fair to Good linear crack, weathered, rutted
Site Code: 20696	X -70.1474 Y 42.0636				

TOWN	ROUTE & LOCATION	Begin Date:	ADT AADT	Pavement Conditions	
Truro	Castle Rd E of Corn Hill Rd	8/16/2017	1,028 820	4	Poor to Fair weathered, rutting, long/trans cracks, patch
Site Code: 21349	X <input type="text" value="-70.0698"/> Y <input type="text" value="42.0037"/>				
Truro	Collins Rd S of S Pamet Rd	8/16/2017	276 220	2	Good to Very Good Weathered
Site Code: 21424	X <input type="text" value="-70.0357"/> Y <input type="text" value="41.9930"/>				
Truro	Depot Rd W of Castle Rd	8/7/2018	2,412 1,900	4	Poor to Fair Mild weathering, cracking, large uneven patches
Site Code: 20683	X <input type="text" value="-70.0502"/> Y <input type="text" value="41.9918"/>				
Truro	Depot Rd W of Mill Pond Rd	8/14/2017	508 410	4	Poor to Fair Longitudinal and transverse cracks, weathered, rutting
Site Code: 20800	X <input type="text" value="-70.0698"/> Y <input type="text" value="41.9919"/>				
Truro	Depot Rd E of Old County Rd	8/14/2017	2,189 1,800	4	Poor to Fair rutting, long/trans cracks, weathered
Site Code: 21346	X <input type="text" value="-70.0586"/> Y <input type="text" value="41.9910"/>				
Truro	Depot Rd W of Old County Rd	7/18/2017	522 410	3	Fair to Good long/trans cracks, potholes, rutting, weathered
Site Code: 20799	X <input type="text" value="-70.0599"/> Y <input type="text" value="41.9911"/>				
Truro	Highland Rd E of Rt 6A	8/14/2017	2,670 2,100	5	Poor Longitudinal and transverse cracks, potholes, patches, weathered, rutting
Site Code: 20802	X <input type="text" value="-70.0840"/> Y <input type="text" value="42.0344"/>				
Truro	Old County Rd S of Prince Valley Rd	8/5/2019	404 320	4	Poor to Fair
Site Code: 20688	X <input type="text" value="-70.0652"/> Y <input type="text" value="41.9655"/>				
Truro	Old County Rd N of Ryder Beach Rd	8/14/2017	904 720	4	Poor to Fair weathered, longitudinal and transverse cracks
Site Code: 21298	X <input type="text" value="-70.0682"/> Y <input type="text" value="41.9696"/>				
Truro	South Highland Rd E of Rt 6	8/7/2018	1,545 1,200	3	Fair to Good Heavy weathering
Site Code: 20744	X <input type="text" value="-70.0721"/> Y <input type="text" value="42.0223"/>				

TOWN	ROUTE & LOCATION	Begin Date:	ADT AADT	Pavement Conditions	
Truro	South Highland Rd E of Rt 6	8/14/2017	1,385 1,100	2	Good to Very Good weathered
Site Code: 20744	X -70.0721 Y 42.0223				
Truro	South Hollow Rd W of Rt 6	8/14/2017	406 320	5	Poor Alligator, LNR, potholes, huge transverse cracks, weathered, rutting
Site Code: 21413	X -70.0781 Y 42.0295				
Truro	Truro Center Rd N of South Pamet Rd	8/7/2018	3,318 2,700	4	Poor to Fair Heavy weathering, minor cracking
Site Code: 20801	X -70.0499 Y 41.9933				
Truro	Truro Center Rd S of Town Hall Rd	8/14/2017	1,362 1,100	3	Fair to Good weathered, linear cracks, transverse cracks
Site Code: 21345	X -70.0511 Y 41.9991				
Provincetow	Bradford St W of Center St	8/5/2019	10,796 8,600	2	Good to Very Good some patching
Site Code: 21514	X -70.1857 Y 42.0537				
Provincetow	Bradford St Btwn Duncan Ln & Atkins Mayo Rd	8/5/2019	5,504 4,400	3	Fair to Good sealing
Site Code: 21508	X -70.1729 Y 42.0599				
Provincetow	Bradford St W of Shank Painter Rd	8/5/2019	7,083 5,700	2	Good to Very Good
Site Code: 20702	X -70.1919 Y 42.0480				
Provincetow	Bradford St E of Standish Ave	8/5/2019	9,995 8,000	2	Good to Very Good minor patching
Site Code: 20990	X -70.1861 Y 42.0533				
Provincetow	Bradford St Btwn Winslow&Prince	8/5/2019	7,032 5,600	2	Good to Very Good
Site Code: 20703	X -70.1891 Y 42.0506				
Provincetow	Commercial St E of Provincetown Inn	8/7/2018	1,154 920	4	Poor to Fair Heavy weathering, many cracks and patches areas
Site Code: 21438	X -70.1959 Y 42.0383				

TOWN	ROUTE & LOCATION	Begin Date:	ADT AADT	Pavement Conditions	
Provincetow	Commercial St W of Tremont St	7/18/2017	988 780	2	Good to Very Good weathered
Site Code: 20708	X -70.1919	Y 42.0445			
Provincetow	Conwell St S of Rt 6	7/18/2017	7,658 6,000	4	Poor to Fair blocking, weathering, rutting, many cracks
Site Code: 20709	X -70.1881	Y 42.0583			
Provincetow	Conwell St N of Rt 6A	8/5/2019	6,461 5,200	3	Fair to Good
Site Code: 7151	X -70.1848	Y 42.0549			
Provincetow	Conwell St N of Rt 6A	8/7/2018	6,943 5,600	3	Fair to Good Weathering
Site Code: 7151	X -70.1848	Y 42.0549			
Provincetow	Howland Rd S of Rt 6	8/7/2018	1,526 1,200	3	Fair to Good Weathering
Site Code: 20710	X -70.1810	Y 42.0618			
Provincetow	Province Land Rd S of Race Point Rd	7/18/2017	991 780	1	New new
Site Code: 7149	X -70.2090	Y 42.0715			
Provincetow	Province Lands Rd S of Bradford Street Ext	8/7/2018	3,060 2,400	3	Fair to Good General weathering, few cracks - more good than fair
Site Code: 21437	X -70.1985	Y 42.0381			
Provincetow	Race Point Rd N of Rt 6	8/5/2019	3,805 3,000	3	Fair to Good some linear cracking
Site Code: 20743	X -70.1901	Y 42.0599			
Provincetow	Shank Painter Rd N of Bradford St	8/7/2018	6,953 5,600	4	Poor to Fair Heavy weathering, some holes, patched cracks
Site Code: 20712	X -70.1928	Y 42.0487			
Provincetow	Shank Painter Rd Btwn Jerome Smith & Capt. Berties	8/5/2019	10,070 8,100	3	Fair to Good
Site Code: 21214	X -70.1957	Y 42.0537			

TOWN	ROUTE & LOCATION	Begin Date:	ADT AADT	Pavement Conditions	
Provincetown	Snail Rd	7/18/2017	3,015	<input type="text" value="2"/>	<input type="text" value="Good to Very Good"/>
Site Code:	N of Bradford St		2,400	<input type="text" value="weathered"/>	
<input type="text" value="20714"/>	X <input type="text" value="-70.1626"/>	Y <input type="text" value="42.0618"/>			
Provincetown	Standish Ave	8/5/2019	3,718	<input type="text" value="4"/>	<input type="text" value="Poor to Fair"/>
Site Code:	S of Bradford Rd		3,000	<input type="text" value="rutting, cracking, and patching"/>	
<input type="text" value="20993"/>	X <input type="text" value="-70.1859"/>	Y <input type="text" value="42.0523"/>			
Provincetown	Standish Ave	8/5/2019	952	<input type="text" value="1"/>	<input type="text" value="New"/>
Site Code:	N of Bradford Rd		760	<input type="text" value=""/>	
<input type="text" value="20988"/>	X <input type="text" value="-70.1868"/>	Y <input type="text" value="42.0532"/>			

CAPE COD COMMISSION

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