

ROAD SAFETY AUDIT

Route 151 Corridor

Town of Falmouth

June 8, 2018

Prepared For:
Massachusetts Department of Transportation (MassDOT)
Highway Division – District 5



Town of Falmouth, Massachusetts



Prepared By:
TEC, Inc.
146 Dascomb Road
Andover, MA 01810



In Coordination With:
Tata & Howard
67 Forest Street
Marlborough, MA 01752



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Background

TEC, Inc. (TEC), in cooperation with the Town of Falmouth, Massachusetts and the Massachusetts Department of Transportation (MassDOT), is evaluating the existing traffic safety characteristics along Route 151, also signed as Nathan Ellis Highway, between Falmouth Woods Road and Currier Road in Falmouth, Massachusetts. TEC is conducting this safety evaluation as one of the first steps towards the design development of traffic and roadway safety improvements along the Route 151 corridor through Falmouth.

Road Safety Audit Justification

An RSA, as defined by the Federal Highway Administration (FHWA), is the *formal safety performance examination of an existing or future road or intersection by an independent, multidisciplinary team*. The purpose of the RSA is to observe, identify, and report all safety issues and identify future opportunities for safety enhancement improvements for all roadway users. This includes identifying short-term, mid-term, and long-term safety improvements that can be implemented through general maintenance, immediate installation / removal, or could be potentially incorporated into future improvement projects. Enhancements or improvements, can take the form of one or more of the 4 E's; including Engineering, Education, Emergency Response, and Enforcement.

The U.S. Congress enacted the “Safe, Accountable, Flexible, Efficient, Transportation Act - A Legacy for Users” (SAFETEA-LU) in August 2005. This act provides guidance and funding for the implementation of a State Highway Safety Improvement Program (HSIP). As part of this Program, all states are required to develop a Strategic Highway Safety Plan (SHSP). The Massachusetts Department of Transportation (MassDOT) guidelines require an RSA be conducted where HSIP-eligible crash clusters are present within the study area of a transportation improvement project prior to commencing or finalizing a 25% Design. An intersection is defined as HSIP-eligible if the intersection is within the top five (5) percent of clusters in its respective Regional Planning Commission (RPC) boundaries based on Equivalent Property Damage Only (EPDO). EPDO rates crashes based on the crash severity.

Based on the published MassDOT database, the intersections of Nathan Ellis Highway (Route 151) / Currier Road and Nathan Ellis Highway (Route 151) / Sandwich Road are designated as 2013-2015 HSIP Crash Clusters. Furthermore, the Town of Falmouth has raised safety concerns at the intersection cluster of Nathan Ellis Highway (Route 151) / Sam Turner Road / Cloverfield Way and Nathan Ellis Highway (Route 151) / Boxberry Hill Road. Therefore, all three locations have been included in this RSA.

Project Data

TEC of Andover, Massachusetts is the primary traffic safety investigation consultant in this RSA for the Nathan Ellis Highway (Route 151) corridor in Falmouth, Massachusetts. The RSA meeting was conducted on Thursday, May 3, 2018 at 9:00 AM, with the pre- and post-audit meetings held in Room 2 at the Gus Canty (Falmouth) Recreation Center, located at 790 Main Street in Falmouth, Massachusetts.

A copy of the RSA agenda can be found in Appendix A. TEC also conducted various field visits to the audit locations.

As presented below in Table 1, the audit team consisted of a cross-section of state, regional, and local engineering, enforcement, maintenance, and emergency response professionals and was assembled in conjunction with input from MassDOT's Traffic Safety Management Unit. Contact information for all participating audit team members is provided in Appendix B.

Table 1: Participating Audit Team Members

Audit Team Member	Agency/Affiliation
Ed Dunne	Falmouth Police Department
James Porter	Falmouth Police Department
Michael Small	Falmouth Fire Department
James McLoughlin	Falmouth Department of Public Works
Peter McConarty	Falmouth Department of Public Works
Raymond Jack	Falmouth Department of Public Works
Thomas Bolt	Falmouth Planning Department
Julian M. Suso	Town of Falmouth
David Nolan	Cape Cod Commission
Lev Malakhoff	Cape Cod Commission
Ted Rowan	Falmouth Bikeway Commission
Michelle Deng	MassDOT Traffic Safety
Kevin T. Fitzgerald	MassDOT Traffic Safety
Thomas Rebello	MassDOT District 5 Traffic
Faina Veinstein	MassDOT District 5 Projects
Phil MacClellan	Tata & Howard, Inc.
Patrick O'Neale	Tata & Howard, Inc.
Elizabeth Oltman	TEC, Inc.
Eindra (Elena) Aung	TEC, Inc.

Audit participants were provided with materials to review prior to the audit meeting. The materials included a summary of crash data, collision diagrams, and a summary of the type and severity of crashes (See Appendix). Participants were encouraged to visit the site prior to the audit and were urged to consider elements on MassDOT's Safety Review Prompt List.

On the day of the audit, a pre-audit meeting was held to discuss the project's background, the audit process, review the distributed materials, and discuss some of the issues that Team members had observed individually. Each participant was asked to provide his or her concerns and comments related to the safety issues at the study area intersections. The audit site walk consisted of field observations at the audit intersection. Handwritten notes and photographs documented the observations made by audit team members during the site walk. Following the audit site walk, a post-audit meeting was held where the Team confirmed the observations made in the field and offered solutions and potential countermeasures to enhance the safety of areas noted in the site walk and pre-audit meeting.

Project Location and Description

The RSA was conducted at three intersections along the Route 151 corridor, including:

- Nathan Ellis Highway (Route 151) / Currier Road
- Nathan Ellis Highway (Route 151) / Sandwich Road
- Nathan Ellis Highway (Route 151) / Sam Turner Road / Cloverfield Way/ Boxberry Hill Road

A study area location map for each of the three intersections along the Route 151 corridor is provided in Figures 1 through 3. A detailed description of the study area roadways and intersections is provided below:

Existing Geometry and Infrastructure Summary

Nathan Ellis Highway (Route 151)

Nathan Ellis Highway, signed as State Route 151, is an east-west urban principal arterial roadway under the jurisdiction of the Town of Falmouth. The roadway provides regional connection between Route 28 in the Town of Falmouth to the west and Route 28 in the Town of Mashpee to the east. Nathan Ellis Highway generally consists of one travel lane and striped shoulders in each direction with a cross-section of approximately 40-feet throughout the study area. Directional flow along Nathan Ellis Highway is separated by a marked centerline. Within the study area, sidewalks and formal bicycle accommodations are not provided. A speed limit of 50 miles per hour (MPH) is posted within the study area, with the exception of the vicinity of Nathan Ellis Highway (Route 151) / Sandwich Road, where a speed limit of 35 MPH is posted. Land uses along Nathan Ellis Highway are mixed residential, recreational and neighborhood commercial.

Sandwich Road

Sandwich Road is a north-south, urban principal arterial roadway under the jurisdiction of the Town of Falmouth. The roadway provides regional connection between the Town of Mashpee to the north and Town of Falmouth downtown to the south. Sandwich Road consists of one travel lane and striped shoulders in each direction with a cross-section of approximately 35-feet throughout the study area. Directional flow along Sandwich Road is separated by a double-yellow centerline. Within the study area, sidewalks are provided along the east side of Sandwich Road north of Route 151. Bicycle accommodations are not provided. A speed limit of 45 MPH is posted within the study area. Land uses along Sandwich Road are primarily residential.

Intersection: Nathan Ellis Highway (Route 151) / Currier Road

Currier Road intersects Nathan Ellis Highway (Route 151) to form a four-legged unsignalized intersection. Currier Road, which is under the Town of Falmouth jurisdiction, is classified as urban minor arterial south of Route 151 and as local roadway north of Route 151. The Currier Road northbound and southbound approaches operate under stop control while the Nathan Ellis Highway eastbound and westbound approaches are free-flowing. An overhead flashing beacon is provided at the intersection. The

Currier Road northbound and southbound approaches consist of a general-purpose lane with directional flow separated by a marked centerline. The Nathan Ellis Highway eastbound and westbound approaches consist of a single general-purpose lane with directional flow separated by a marked centerline. There are no sidewalks, crosswalks or formal bicycle accommodations provided at this intersection. Land uses at this intersection include a commercial use and the Cape Cod Fairgrounds.

Intersection: Nathan Ellis Highway (Route 151) / Sandwich Road

Sandwich Road intersects Nathan Ellis Highway (Route 151) to form a four-legged signalized intersection. The Sandwich Road southbound approach consists of a single general-purpose lane with directional flow separated by a marked centerline. The Sandwich Road northbound approach consists of a shared through / left turn lane and a channelized right turn lane with directional flow separated by a marked centerline. The eastbound approach of Nathan Ellis Highway consists of a shared through / left turn lane and a shared through / right turn lane with directional flow separated by a marked centerline. The westbound approach of Nathan Ellis Highway consists of an exclusive left turn lane and a shared through / right turn lane with directional flow separated by a marked centerline. Crosswalks are provided across the westbound approach of Nathan Ellis Highway and across the northbound channelized right turn lane. A sidewalk is provided along the east side of Sandwich Road north of Route 151. There are no pedestrian signal equipment or formal bicycle accommodations provided at this intersection. Land uses at this intersection include a residential use, a house of worship, and a convenience store/gas station.

Intersection: Nathan Ellis Highway (Route 151) / Sam Turner Road / Cloverfield Way / Boxberry Hill Road

Sam Turner Road and a dead end Cloverfield Way intersect Nathan Ellis Highway (Route 151) to form a four-legged unsignalized intersection. Sam Turner Road is classified as an urban collector roadway under the jurisdiction of the Town of Falmouth. Cloverfield Way is classified as a local roadway under the jurisdiction of the Town of Falmouth. The Sam Turner Road northbound and Cloverfield Way southbound approaches operate under stop control while the Nathan Ellis Highway eastbound and westbound approaches are free-flowing. Flashing beacons are provided at the intersection. The Cloverfield Way southbound approach consists of a single general-purpose lane with directional flow not delineated. Immediately to the north of the intersection along Cloverfield Way is an access driveway to a parking area for the Frances Crane Wildlife Management Area on the northeast corner of the intersection. The Sam Turner Road northbound approach consists of a single general-purpose lane with directional flow separated by a marked centerline. The Nathan Ellis Highway eastbound and westbound approaches consist of one general purpose lane in each direction separated by a marked centerline. There are no sidewalks, crosswalks or formal bicycle accommodations provided at this intersection. Land uses at this intersection include residential uses and open space.

Boxberry Hill Road intersects Nathan Ellis Highway (Route 151) approximately 125 feet to the east of Sam Turner Road to form a three-legged unsignalized intersection. Boxberry Hill Road is classified as an urban collector roadway under the jurisdiction of the Town of Falmouth. The Boxberry Hill Road northbound approach operates under stop control while the Nathan Ellis Highway eastbound and westbound approaches are free-flowing. Flashing beacons are provided at the intersection. The Boxberry Hill Road northbound approach consists of a wide general-purpose lane with directional flow separated

by a marked centerline. The Nathan Ellis Highway eastbound and westbound approaches consist of a single general-purpose lane with directional flow separated by a marked centerline. There are no sidewalks, crosswalks or formal bicycle accommodations provided at this intersection. Land uses at this intersection include residential uses and open space.



1" = 40'

Route 151 Corridor High Crash Locations - Falmouth, Massachusetts
Road Safety Audit



Figure 1

Project Location Map &
Study Area Intersections





1" = 50'

Route 151 Corridor High Crash Locations - Falmouth, Massachusetts
Road Safety Audit



Figure 2

Project Location Map &
Study Area Intersections



1" = 50'

Route 151 Corridor High Crash Locations - Falmouth, Massachusetts
Road Safety Audit

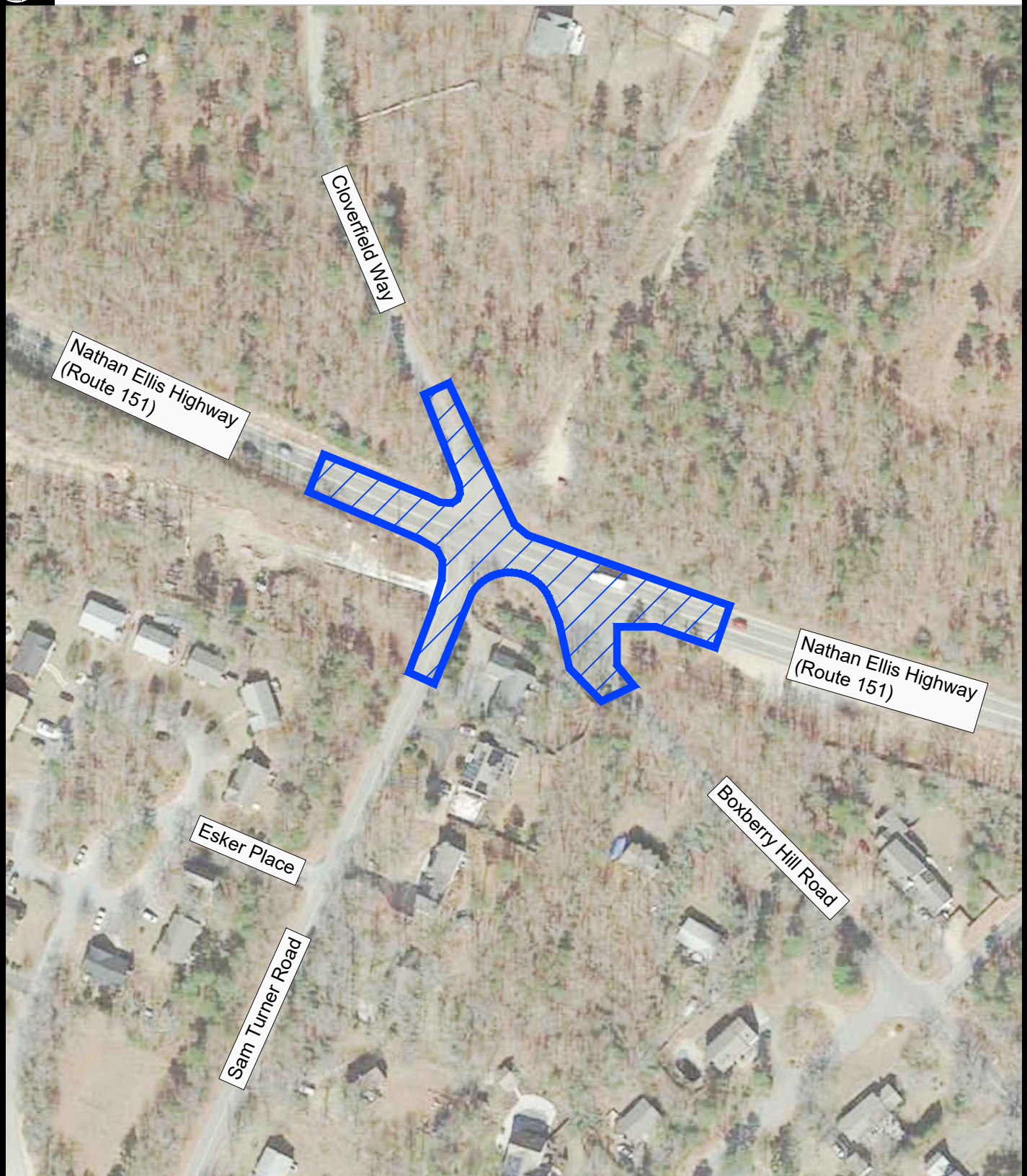


Figure 3

Project Location Map &
Study Area Intersections

General Crash History

Crash data for the Audit intersections were compiled and analyzed for the most-recent consecutive five-year period (2013-2017) on file with the Town of Falmouth Police Department and supplemented with crash reports provided by MassDOT. The motor vehicle crash data was reviewed to determine if any crash trends exist within the audit area.

In addition to examining the number of crashes at the audit intersections, a crash rate was calculated to compare the occurrence of crashes to the volume of traffic passing through the Audit intersections. The crash rate per million entering vehicles (MEV) was calculated using the evening peak-hour volumes from the TMCs, and the K-factor (the relation of peak hour traffic to daily traffic) of 0.088 was obtained from ATR counts conducted along Route 151. The crash rates at the study intersections were compared to the statewide and district-wide averages published by MassDOT in February 2016 to determine the significance of the crash occurrence. The statewide average for signalized intersections is 0.77 and 0.58 for unsignalized intersections, and the District 5 average for signalized intersections is 0.76 and 0.58 for unsignalized intersections.

The crash rates per MEV for the audit intersections are provided in Table 2. A detailed breakdown of the reported collision is provided in Table 3.

Table 2: Crash Rates by Intersection

Intersection	Total Crashes	Crash Rate
Nathan Ellis Highway (Route 151) / Currier Road	37	1.09
Nathan Ellis Highway (Route 151) / Sandwich Road	68	1.68
Nathan Ellis Highway (Route 151) / Boxberry Hill Road	9	0.32
Nathan Ellis Highway (Route 151) / Sam Turner Road / Cloverfield Way	20	0.67

Table 3: Crash Data Summary

Parameter		Route 151 / Currier Road	Route 151 / Sandwich Road	Route 151 / Sam Turner Road / Cloverfield Way and Route 151 / Boxberry Hill Road
Crash Year:	2013	8	7	3
	2014	9	12	4
	2015	8	16	8
	2016	7	17	6
	2017	5	16	8
TOTAL		37	68	29
Annual Average		7.40	13.60	5.80
Crash Rate (MEV or MVMT) Occurrence Significance?		1.09 Yes	1.68 Yes	0.97 Yes
Type:	Angled	17	21	14
	Rear-End	9	36	8
	Sideswipe	6	4	2
	Head-on	0	4	1
	Single Vehicle	5	3	4
	Ped / Bike	0	0	0
	Not Reported	0	0	0
TOTAL		37	68	29
Surface Conditions:	Dry	26	54	17
	Wet	8	14	11
	Snow / Ice / Slush	3	0	1
	Other / Unknown	0	0	0
TOTAL		37	68	29
Severity:	Property Damage	23	49	16
	Non-Fatal Injury	13	19	13
	Fatal Injury	1	0	0
TOTAL		37	68	29
Day of Week:	Monday-Friday	27	52	23
	Saturday-Sunday	10	16	6
TOTAL		37	68	29
Time of Day:	6:00AM-9:00AM	2	7	5
	9:00AM-12:00PM	4	11	3
	12:00PM-3:00PM	3	8	6
	3:00PM-6:00PM	10	14	3
	6:00PM-9:00PM	14	22	8
	9:00PM-6:00AM	4	6	4
TOTAL		37	68	29

Nathan Ellis Highway (Route 151) / Currier Road

The intersection of Nathan Ellis Highway (Route 151) / Currier Road experienced an average of seven (7.4) crashes per year over the five-year (2013-2017) study period, yielding a crash rate of 1.09 crashes per MEV, approximately two times the statewide and District 5 averages for unsignalized intersections. Approximately 46 percent (17 of 37) of the crashes were angled crashes, 24 percent (9 of 37) were rear-end crashes, 16 percent (6 of 37) were sideswipe crashes, and 14 percent (5 of 37) were single vehicle crashes. There was one fatal injury at this intersection that occurred during the nighttime involving a vehicle travelling northbound on Currier Road and a vehicle travelling eastbound on Route 151. Approximately 19 percent of the crashes occurred in the month of July, and 14 percent of the crashes occurred during both February and December. The reported ages of the drivers skewed younger; under 21 and between 21 and 30. Of the reported crashes, approximately half of the crashes were attributed to either “failure to yield right-of-way” or “inattention/distracted.”

Nathan Ellis Highway (Route 151) / Sandwich Road

The intersection of Nathan Ellis Highway (Route 151) / Sandwich Road experienced an average of fourteen (13.6) crashes per year over the five-year (2013-2017) study period, yielding a crash rate of 1.68 crashes per MEV, more than two times the statewide and District 5 averages for signalized intersections. More than half of the reported crashes (36 of 68) were rear-end crashes and approximately 31 percent (21 of 68) of the crashes were angled crashes. Approximately 28 percent (19 of 68) of the crashes were non-fatal injury crashes. More than half of the crashes occurred during the evening commuting hours (3PM-6PM) and sunset time periods (6PM-9PM). Twenty-one (21) crashes at this intersection identified “inattention/distracted” as a contributing cause of the crash, sixteen (16) crashes were “failure to yield right-of-way” and twelve (12) crashes were “followed too closely.”

Nathan Ellis Highway (Route 151) / Sam Turner Road / Cloverfield Way and Nathan Ellis Highway (Route 151) / Boxberry Hill Road

The intersection cluster of Nathan Ellis Highway (Route 151) / Sam Turner Road / Cloverfield Way and Nathan Ellis Highway (Route 151) / Boxberry Hill Road experienced an average of six (5.80) crashes per year over the five-year (2013-2017) study period, yielding a crash rate of 0.97 crashes per MEV which is higher than the statewide and District 5 averages for unsignalized intersections. Approximately 48 percent (14 of 29) of the crashes were angled crashes and approximately 28 percent (8 of 29) were rear-end crashes. Approximately 45 percent (13 of 29) of the crashes were non-fatal injury crashes. Among the reported ages of the drivers, approximately 14 percent were between 31 and 40, and approximately 11 percent were over 70 and between 21 and 30 each. Of the reported crashes, over half of the crashes were attributed to “failure to yield right-of-way,” “following too closely” or “inattention/distracted.”

Audit Observations and Potential Safety Enhancements

The RSA Team's field observations and discussions show that the Team has several general concerns about existing conditions along the study corridor and intersections which may negatively impact safety. Several of these concerns require further evaluation and design work to develop appropriate safety enhancements. More specific safety challenges located within the audit area are also included. The following summary of safety related concerns has been divided into the three distinct Route 151 intersections previously identified.

Audit Observations and Potential Safety Enhancements: Nathan Ellis Highway (Route 151) / Currier Road

Summary of Safety Concerns

The RSA Team identified the following safety issues at the intersection of Nathan Ellis Highway (Route 151) / Currier Road prior to, during, and after the field visit:

- Driver Frustration Due to Vehicle Delays
- Intersection Geometry
- Insufficient, Deteriorated or Sub-Standard Pavement Markings and Signage
- Visibility
- Sub-Standard Multi-Modal Accommodations
- Vehicle Speeds

The following section provides a detailed summary of the identified safety concerns and potential safety enhancements along the corridor.

Safety Issue #1: Driver Frustration Due to Vehicle Delays

Specific Observations:

Currently, the northbound and southbound approaches of Currier Road are under stop control, and the eastbound and westbound approaches are free-flowing. An audit team member noted that vehicles on the northbound and southbound approaches to the intersection have significant delays during the peak hours due to the high vehicular volume and travel speed along Nathan Ellis Highway (Route 151). There is an overhead flashing beacon at the intersection; however, audit participants noted that the indicators are not L.E.D., reducing visibility by motorists. This issue is exacerbated as the stop sign is missing on the southbound Currier Road approach and the stop bars on both the northbound and southbound approaches are either faded or missing.



**Image 1: Overhead flasher at
Route 151 / Currier Road
intersection**

Approximately 46 percent (17 of 37) of the crashes were angled crashes, with 11 of those crashes attributed to “failure to yield”. One of the angled crashes caused a fatal injury at this intersection. When drivers are frustrated by long delays exiting a stop controlled side street, they may attempt to accept shorter gaps in traffic flow to perform their desired turning movement. This can be a factor in the type of angled crashes recorded at this intersection. Additionally, it is difficult to make left turns onto Currier Road from Route 151 due to the lack of turning lanes and gaps in traffic.

Potential Safety Enhancements:

1. Install new MUTCD-compliant 36” stop signs (R1-1) on both approaches of Currier Road at the intersection to provide improve visibility of traffic control for motorists.
2. Consider replacing the indicators within the current overhead flashing beacon with L.E.D. indicators for better visibility for motorists.
3. Evaluate the installation of traffic calming measures along Route 151, such as narrowing the travel lanes, to reduce travel speed and increase gaps in the traffic flow to allow for safer movements.
4. Evaluate the installation of a fully-actuated traffic signal at the intersection to reduce vehicle conflicts, reduce side street vehicle delays and reduce angled crashes. Evaluation should be confirmed against MUTCD signal warrants for traffic volume and safety.
5. Should a signal be warranted, establish actuated vehicle detection along all four intersection approaches to minimize delays and queues. Video detection should be considered.

6. Should a signal be warranted, provide L.E.D. signal indications, retro-reflective backplates, and tunnel visors on all signal housings to improve the signal visibility, especially during periods of solar glare.
7. Should a signal be warranted and additional pedestrian accommodations become essential in the future, provide pedestrian traffic signal infrastructure; including pedestrian signal countdown indications and accessible push buttons consistent with current MUTCD and ADA/AAB standards, with signage for each individual crossing to enhance pedestrian safety while crossing the intersection. Consider upgrading the pedestrian crossings across Route 151 with higher visibility treatments.
8. Evaluate the installation of a roundabout to improve the traffic flow, decrease the approach speed, minimize delays on the side streets and reduce turning movement conflicts at the intersection. Note that the construction of a roundabout may require the acquisition of private property on multiple corners of the intersection.

Safety Issue #2: Intersection Geometry

Specific Observations:

The intersection of Nathan Ellis Highway (Route 151) / Currier Road is situated on a large expanse of asphalt pavement, with large corner radii on all four corners of the intersection. During the audit, vehicle operators were observed performing right turn movements at high rates of speed due to the intersection geometry. An audit participant noted that wide corner radii are not necessary since trucks and heavy vehicles do not use Currier Road.

The wide corner radii also create a wide area for vehicles to turn from Currier Road. There were six (6) sideswipe crashes at this intersection that involved a vehicle attempting to pass a vehicle traveling in the same direction due to the wide curb radii and intersection geometry. Audit participants noted that vehicles attempting to turn right onto Nathan Ellis Highway from northbound Currier Road pull far to the right, allowing vehicles desiring to turn left or continue straight to also approach the stop bar, further restricting sight lines for both vehicles. The slight vertical curve of Route 151 to the west of the intersection also restricts the sight lines of the northbound vehicles looking left to exit Currier Road.



Image 2: Wide intersection geometry

Potential Safety Enhancements:

1. Consider reducing the corner radii of all four corners of the intersection to reduce travel speeds for turning vehicles and reduce the potential crossing distance for pedestrians. Evaluation of required large vehicle turning radii must be considered with this recommendation.

2. Evaluate the installation of traffic calming measures along Route 151, such as narrowing the travel lanes, to reduce travel speed.

Safety Issue #3: Insufficient, Deteriorated or Sub-Standard Pavement Markings and Signage

Specific Observations:

Audit participants noted that the existing pavement markings and signage at intersection are faded. The stop bars of northbound and southbound Currier Road are set far back from the intersection, which indicates a stop location to vehicles where foliage and trees restrict sightlines. Furthermore, the Currier Road southbound approach lacks a stop sign.



Image 3: Faded stop bar and missing stop sign on Southbound Currier Road

Potential Safety Enhancements:

1. Reapply all existing pavement markings, including stop bars and centerlines, to improve motorist and pedestrian safety.
2. Consider replacing existing pavement markings with thermoplastic markings which will last longer against snow plow damage and improve visibility during inclement weather.
3. Relocate the stop bars on the northbound and southbound approaches closer to the intersection to indicate where vehicles should stop to provide adequate sight distance.
4. Replace all existing signage at the intersection that are currently faded, damaged or non-compliant with MUTCD-compliant signs to provide clear and concise regulatory and warning messages. Consider adding an additional stop sign to the left side of Currier Road.
5. Install new 36" MUTCD-compliant stop signs (R1-1) on the northbound and southbound approaches. Consider installing double stop signs to maximize visibility for motorists.
6. Consider the replacement of the existing "Stop Ahead" signs (W3-1) on the Currier Road northbound and southbound approaches with retro-reflective signs.

Safety Issue #4: Visibility

Specific Observations:

Sightlines – Audit participants noted that due to the curvature of Route 151 and vegetation at the corners of the intersection of Nathan Ellis Highway (Route 151) / Currier Road, vehicles attempting to turn onto Route 151 from Currier Road encroach



Image 4: Restricted sightlines looking east from Southbound Currier Road

into the intersection in attempt to regain sightlines past the vegetation. The “Ashumet Holly Wildlife Sanctuary” sign located on the northwest corner of the intersection limits the sight distance of the vehicles travelling southbound on Currier Road.

Additionally, although the crash data does not indicate solar glare as a cause of the collisions, audit participants noted that the intersection experiences significant solar glare, primarily eastbound during the morning hours.

On-Street Lighting – There is one street luminaire provided at the intersection. The existing street luminaire is located approximately 120 feet east of the intersection on Nathan Ellis Highway. Audit participants noted that the current street light location is not ideal and the light does not provide adequate visibility of the intersection. There were seven (7) crashes at this intersection which occurred with ambient light conditions indicated as “dark-not lighted,” when lack of lighting could be an issue for motorists.

Potential Safety Enhancements:

1. Maintain corner sight lines by continuing to trim the vegetation within the intersection sight triangles to minimize intersection encroachment.
2. Consider relocating the “Ashumet Holly Wildlife Sanctuary” sign located on the northwest corner of the intersection outside of the intersection sight triangle to improve sightlines.
3. Consider installing additional overhead luminaires at the intersection to increase night time visibility.
4. Evaluate the warrants for the installation of a fully actuated traffic signal to eliminate the need to encroach into the intersection to improve sightlines.
5. If a traffic signal is warranted, provide LED signal indications, retro-reflective backplates, and tunnel visors on all signal housings to improve the signal visibility, especially during periods of solar glare.

Safety Issue 5: Sub-Standard Multi-Modal Accommodations

Specific Observations:

Pedestrian Accommodations and Accessible Crossings – Sidewalks are not provided on any approach to the intersection. Crosswalks are not provided on any of the intersection approaches. ADA/AAB compliant accessible curb ramps are not provided at the intersection. No pedestrian crashes were recorded at this intersection over the five-year study period. One pedestrian was counted at the intersection during a 12-hour period in April 2018.

The Cape Cod Fairgrounds are located at the northeast corner of the intersection. An audit participant noted that the intersection experiences a large pedestrian volume when events are held at the fairgrounds.

There are several crosswalks to the east of the intersection connecting the parking areas to the south of the roadway to the Fairgrounds. Falmouth Police are posted at the intersection and at the crosswalks to aid pedestrians crossing Nathan Ellis Highway during events.

Bicycle Accommodations – Formalized bicycle accommodations are not provided along Nathan Ellis Highway or Currier Road. No bicycle crashes were recorded at this intersection over the five-year study period. One bicycle was counted at the intersection during a 12-hour period in April 2018. Audit participants noted that the speeds along Nathan Ellis Highway exceed what is allowed for shared bicycle accommodations.

Potential Safety Enhancements:

1. Should a signal be warranted and additional pedestrian accommodations become essential in the future, provide pedestrian traffic signal infrastructure; including crosswalks, pedestrian signal countdown indications and accessible push buttons consistent with current MUTCD and ADA/AAB standards, with signage for each individual crossing to enhance pedestrian safety while crossing the intersection. Providing efficient crossing opportunities is anticipated to assist in locating pedestrian crossing maneuvers to a safe, defined location.
2. Construct ADA/AAB compliant accessible curb ramps to align with the crosswalk locations upon enhancements to the intersection.
3. Consider placing portable lights and signs at the intersection during events at the Fairgrounds to aid the Falmouth Police in crossing pedestrians.
4. Evaluate the opportunity to construct dedicated bicycle lanes along Nathan Ellis Highway or a multi-modal pathway adjacent to the roadway. With any future bicycle facilities, and should a signal be warranted, bicycle accommodations to facilitate crossing of Currier Road and Route 151 should be provided, such as bicycle detection or dedicated signals.

Safety Issue #6: Vehicle Speeds

Specific Observations:

Audit participants expressed concerns over vehicle speeds within the audit area. Excessive speed was noted as the contributing factor in three (3) crashes over the five year study period. Based on the traffic counts conducted in April 2018, the 85th percentile speed along Nathan Ellis Highway (Route 151) was measured at 55 miles per hour (MPH). Majority of the vehicles travelling along Route 151 were measured to be travelling at a speed greater than the posted 50 MPH speed limit. An audit participant noted that due to the vehicles speed along Route 151, the vehicles from side streets such as Currier Road experience delays merging onto Route 151 or performing crossing maneuvers due to minimal gap times.

Potential Safety Enhancements:

1. Consider strategic placement of dynamic speed radar signage along Route 151 approaches to inform drivers of their current speed as compared to the posted speed limit.
2. Consider installing reduce speed flashers along Route 151 approaches with advanced warning signage in a location where light pollution will not adversely affect residents.
3. Consider the installation of vertical granite curbing and sidewalks along Route 151 and Currier Road to provide vertical separation from the roadway and change the characteristic of a high speed location.
4. Consider increasing police enforcement of speeding at and in the vicinity of the intersection.



Audit Observations and Potential Safety Enhancements – Nathan Ellis Highway (Route 151) / Sandwich Road

Summary of Safety Concerns

The RSA Team identified the following safety issues at the intersection of Nathan Ellis Highway (Route 151) / Sandwich Road prior to, during, and after the field visit:

- Intersection Alignment and Geometry
- Deteriorated or Sub-Standard Signage and Pavement Markings
- Intersection Signal Control
- Sub-Standard Multi-Modal Accommodations

The following section provides a detailed summary of the identified safety concerns and potential safety enhancements at the intersection.

Safety Issue #1: Intersection Alignment and Geometry

Specific Observations:

The Nathan Ellis Highway (Route 151) eastbound and westbound through travel lanes are currently offset, with the eastbound approach providing a shared through / left turn lane and a shared through / right turn lane and the westbound approach providing a dedicated left turn lane and a shared through / right turn lane. With this alignment, vehicles do not have a direct path to access the



Image 5: Vehicles traveling through Eastbound Route 151 in two lanes

available receiving lanes. Audit participants noted that the inconsistent approach geometry can be confusing to motorists. Further, vehicles travelling eastbound are able to use both lanes to perform a through movement, however, there is only one wide receiving lane, which can cause conflicts for two eastbound vehicles traveling through at the same time.

There were sixteen (16) angled crashes involving a vehicle making a westbound left turn conflicting with a vehicle travelling through eastbound. It is possible that the current intersection geometry, with offset left-turn lanes, could be one of the contributing factors of these crashes.

Currently, westbound left turns from Route 151 into the gas station located on the southwest corner of the intersection are restricted; however, audit participants noted during the RSA that many motorists continue to perform that prohibited left turn movement. This behavior could be due to the difficulty of performing a left turn movement at the signalized intersection.

The northbound approach of Sandwich Road provides a shared through / left turn lane and a wide (18-foot) channelized right turn lane. Audit participants noted that northbound through vehicles will use the striped gore area for the channelized right turn lane to bypass left turning vehicles, rather than wait within the left turn queue. This movement is unexpected by vehicles making southbound left turn movements, causing conflicts between turning vehicles. A total of three (3) crashes during the five-year period are angled crashes between vehicles northbound on Sandwich Road and vehicles turning left from southbound Sandwich Road.



Image 6: Sight distance along Eastbound Route 151 from Northbound Sandwich Road

Immediately west of the Nathan Ellis Highway (Route 151) / Sandwich Road intersection, Nathan Ellis Highway has a sag and crest vertical curvature. This geometry causes eastbound vehicles to briefly “disappear” from view when viewed from the intersection. The posted speed limit along Nathan Ellis Highway is 35 MPH at this intersection, changing from the corridor posted speed limit of 50 MPH. Audit participants noted that vehicles do not observe the change in speed limit and most continue to travel at a speed greater than 35 MPH. There were ten (10) rear-end crashes involving vehicles travelling eastbound on Route 151, with five (5) attributed to “inattention” and two (2) to “following too closely,” which may be a result of the roadway geometry and prevailing speeds.

The combination of the vertical curvature of the roadway and the vehicle speeds along eastbound Nathan Ellis Highway, vehicles attempting to merge onto Route 151 eastbound from the Sandwich Road northbound approach may believe that the right-of-way is clear, resulting in the northbound vehicles stopping abruptly when the oncoming traffic emerge from the curve. There were nineteen (19) rear-end crashes at the Sandwich Road northbound channelized right turn lane over the five-year study period. The presence of the vertical curve and high vehicle speeds on Route 151 could be part of the contributing factors of these crashes.

Potential Safety Enhancements:

1. Evaluate feasibility and need to reconstruct the vertical profile of Nathan Ellis Highway (Route 151) west of the intersection to remove the sag and crest vertical curves along the roadway. This would increase the visibility of the vehicles approaching the intersection and improve sight distances for the northbound right turn movement. This improvement may require profile alterations to the driveways and side street approaches within the limits of corridor profile reconstruction.
2. Include the Sandwich Road northbound channelized right-turn as part of the traffic signal at the intersection per new MassDOT standards if any changes are made at the intersection to eliminate most of the northbound rear-end crashes.
3. Provide pedestrian signal indicators and pedestrian push buttons for the existing crosswalk to increase pedestrian safety at this crossing area.
4. Consider reconstructing the southeast corner of the intersection to remove the channelized right turn lane to improve sight distances by eliminating the need for motorists to look far over their left shoulder to obtain adequate sight distance to perform this movement as well as protect pedestrians at this intersection and reduce the crossing distance. Evaluation of right turning volume and large vehicle turning radii must be considered with this recommendation.
5. Consider strategic placement of dynamic speed radar signage along Route 151 approaches to inform drivers of their current speed as compared to the posted speed limit.
6. Consider installing reduce speed flashers along Route 151 approaches along with advanced warning signage in a location where light pollution will not adversely affect residents.
7. Consider reconfiguring the eastbound and westbound approaches of Nathan Ellis Highway to provide a consistent geometry. Dedicated left turn lanes, if warranted, on each approach is an expected geometry by motorists, minimizing driver confusion, reduce angled crashes and improving the safety and efficiency of the intersection.
8. Consider widening Nathan Ellis Highway to ensure adequate alignment for vehicles traveling through both eastbound and westbound to improve vehicle safety.
9. Evaluate the intersection operation and determine the appropriate lane designations necessary on all approaches to ensure the intersection operates efficiently for all movements, improving vehicular safety.
10. Consider increasing police enforcement of speeding at and in the vicinity of the intersection.

Safety Issue #2: Deteriorated or Sub-Standard Signage and Pavement Markings

Specific Observations:

Audit participants noted that some of the existing pavement markings at the intersection, especially the northbound approach, are faded and difficult to see. Poor pavement markings can mislead motorists and cause unnecessary confusion. Audit participants noted that the stop bar on northbound Sandwich Road is faded. Three yield signs were provided for the channelized right turn lane; however, no yield pavement markings are provided. Further, the westbound approach stop bar appears to be too close to the crosswalk.



Image 7: Lack of yield markings on northbound right turn

Potential Safety Enhancements:

1. Reapply all existing pavement markings, including lane markings, stop bars and centerlines, to improve motorist and pedestrian safety.
2. Apply yield markings on the northbound channelized right turn movement to reinforce the yield nature of this movement and improve pedestrian safety.
3. Consider installing a MUTCD-compliant “No Turn on Red” sign for the southbound right turning vehicles due to the high vehicle speeds on Route 151.
4. Consider replacing existing pavement markings with thermoplastic markings which will last longer against snow plow damage and improve visibility during inclement weather
5. Ensure the westbound stop bar is located at least four feet away from striped crosswalk to reduce the potential for pedestrian collisions.
6. Replace all existing signage at the intersection that are currently faded, damaged or non-compliant with MUTCD-compliant signs to provide clear and concise regulatory and warning messages.

Safety Issue #3: Intersection Signal Control

Specific Observations:

Audit participants observed during the RSA field visit that the traffic signal at the southwest corner of the intersection shows a red ball indication with the left turn yellow arrow indication and green ball indication, which is not the correct display and is confusing to motorists. This may indicate a wiring conflict. Currently, the intersection utilizes loop detectors. An audit participant noted that there can be a high volume of motorcycles during the summer months in Falmouth. Motorcycles travelling through the intersection



Image 8: Faulty traffic signal indications at the southwest corner of the intersection

cannot be detected by the loop detectors causing motorcyclist and motorist frustration. Motorcycles tend to run red lights when the detectors do not confirm a vehicle is present.

Potential Safety Enhancements:

1. Repair the traffic signal at the southwest corner of the intersection to provide correct signal indications during the left turn protected phase to eliminate driver confusion.
2. Evaluate the need to include a protected/permitted or fully protected eastbound/westbound left turn phasing with any proposed changes in geometry to provide standardized signal timings for motorists.
3. Evaluate installing video detection cameras at the intersection to provide a more efficient detection than loop detection.

Safety Issue #4: Sub-Standard Multi-Modal Accommodations

Specific Observations:

Pedestrian Accommodations – There is a crosswalk striped across the Route 151 westbound approach. The crosswalk lacks pedestrian signals, pedestrian push buttons, pedestrian phasing and ADA/AAB-compliant access ramps. Without pedestrian signal equipment at this signalized intersection, there is no safe way for pedestrians to utilize this crosswalk and cross Nathan Ellis Highway. No pedestrian crashes were recorded at this intersection.

Bicycle Accommodations – Bicycle accommodations are not provided along Route 151 and Sandwich Road. It was observed during the RSA that bicyclists utilize Route 151 and it is signed as a bicycle route along portions of its length. An audit participant noted that the loop detection at the intersection does not detect motorcycles. It can be concluded that the loop detectors would not detect bicycles as well.



Image 9: Crosswalk across the westbound approach with no ADA ramps or pedestrian signal equipment

Potential Safety Enhancements:

1. Provide pedestrian traffic signal infrastructure at the signalized intersection; including pedestrian signal countdown indications and accessible push buttons consistent with current MUTCD and ADA/AAB standards, with signage for each individual crossing to enhance pedestrian safety while crossing the intersection. The channelized right-turn lane will need to be signalized as part of this enhancement.
2. If new pedestrian signal equipment is installed, evaluate the timing of the intersection to determine whether concurrent or exclusive pedestrian phasing is necessary.

3. Evaluate installing video detection cameras at the intersection to provide a more efficient detection than loop detection.

Audit Observations and Potential Safety Enhancements Intersection Cluster: Nathan Ellis Highway (Route 151) / Sam Turner Road / Cloverfield Way and Nathan Ellis Highway (Route 151) / Boxberry Hill Road

Summary of Safety Concerns

The RSA Team identified the following safety issues at the intersection cluster of Nathan Ellis Highway (Route 151) / Sam Turner Road / Cloverfield Way and Nathan Ellis Highway (Route 151) / Boxberry Hill Road prior to, during, and after the field visit:

- Traffic Control and Intersection Geometry
- Visibility
- Vehicle Speeds
- Insufficient, Deteriorated or Sub-Standard Pavement Markings and Signage
- Sub-standard Multi-Modal Accommodations

The following section provides a detailed summary of the identified safety concerns and potential safety enhancements at the intersections.

Safety Issue #1: Traffic Control and Intersection Geometry

Specific Observations:

Currently, the northbound and southbound approaches of Sam Turner Road, Cloverfield Way and Boxberry Hill Road are under stop control, and the eastbound and westbound Nathan Ellis Highway (Route 151) approaches are free-flowing. There is an overhead flasher and post-mounted flashers present for the approaches to the intersection cluster. Audit participants noted that the red flasher on the post for Cloverfield Way can be seen from the Route 151 eastbound approach, causing driver confusions. Furthermore, the post-mounted flasher for the Nathan Ellis Highway (Route 151) / Boxberry Hill Road is not ideally located, as the flasher heads for eastbound and westbound approaches are far from the road and are currently covered by the overgrown vegetation



Image 10: Red post mounted flasher seen from two directions

along Route 151. Audit participants noted that the indicators are not L.E.D., reducing visibility by motorists. Two (2) crashes during the five-year study period involved vehicles not stopping at the stop signs.

Immediately to the north of the intersection along Cloverfield Way is an access driveway to a parking area for the Frances Crane Wildlife Management Area on the northeast corner of the intersection. Audit participants noted that this parking area is heavily used seasonally and can contribute to conflicting turning movements at the intersection.

Boxberry Hill Road intersects Nathan Ellis Highway (Route 151) approximately 125 feet to the east of the Sam Turner Road / Cloverfield Way intersection. Audit participants noted that the close proximity of the two unsignalized intersections causes conflicts between turning vehicles. Vehicles will attempt to make turning movements from both Boxberry Hill Road and either Sam Turner Road or Cloverfield Way at the same time to use one of the few gaps in traffic along Route 151, potentially conflicting with each other. Further, motorists using their signal indicators prior to turning into the side streets from Route 151 can cause confusion as to which side street they are turning into. Nine (9) angled crashes during the five-year study period involved left turns exiting Sam Turner Road and colliding with through vehicles along Nathan Ellis Highway. An audit participant noted the significant number of crashes at the intersection that are under the reporting threshold but attended by the Falmouth Police Department.



Image 11: Vehicles at both northbound approaches waiting to make left turns

Potential Safety Enhancements:

1. Consider replacing the existing flashers with L.E.D. flashers with tunnel visors for better visibility.
2. Consider relocating the post-mounted flasher at the south side of the intersection of Nathan Ellis Highway (Route 151) / Sam Turner Road / Cloverfield Way to eliminate driver confusions.
3. Consider relocating the post-mounted flasher at the north side of the intersection of Nathan Ellis Highway (Route 151) / Boxberry Hill Road for better visibility.
4. Consider working with the Francis Crane Wildlife Management Area to create a larger parking area on the northeast corner of the intersection to prevent on-street parking along Nathan Ellis Highway and minimize uncontrolled pedestrian crossing movements.
5. Evaluate the installation of a fully-actuated traffic signal at the intersection cluster to reduce vehicle conflicts and reduce angled crashes. Evaluation should be confirmed against MUTCD signal warrants for traffic volume and safety.
6. Should a signal be warranted, consider realigning the intersection approaches.

7. Should a signal be warranted, establish actuated vehicle detection along all five intersection approaches to minimize delays and queues. Video detection should be considered.
8. Should a signal be warranted, provide L.E.D. signal indications, retro-reflective backplates, and tunnel visors on all signal housings to improve the signal visibility, especially during periods of solar glare.
9. Should a signal be warranted and additional pedestrian accommodations become essential in the future, provide pedestrian traffic signal infrastructure; including pedestrian signal countdown indications and accessible push buttons consistent with current MUTCD and ADA/AAB standards, with signage for each individual crossing to enhance pedestrian safety while crossing the intersection.
10. Evaluate the installation of a roundabout to improve the traffic flow, decrease the approach speed, minimize delays on the side streets and reduce turning movement conflicts at the intersection cluster. Note that the construction of a roundabout may require the acquisition of private property on multiple corners of the intersection cluster.

Safety Issue #2: Visibility

Specific Observations:

Sightlines – Audit participants noted that due to the vegetation along Route 151, vehicles attempting to turn onto Route 151 from the side streets of Sam Turner Road, Cloverfield Way and Boxberry Hill Road encroach into their respective intersections in attempt to regain sightlines past the vegetation. Additionally, utility poles along Route 151 further restrict the sightlines of the vehicles on Boxberry Hill Road.

On-Street Lighting – There are no street luminaires provided at or in the vicinity of this intersection cluster. An audit participant noted that the intersection cluster is dangerous to drive through at night due to the lack of street lighting. There were four (4) crashes at this intersection which occurred with ambient light conditions indicated as “dark-not lighted,” when lack of lighting could be an issue for motorists.



Image 12: Wide intersection approaches

Potential Safety Enhancements:

1. Continue to maintain the vegetation along Route 151 to enhance the sight lines of the side streets.
2. Consider replacing the indicators within the current overhead flashing beacon with L.E.D. indicators for better visibility.

3. Consider installing overhead lighting luminaires at the intersection cluster to increase night time visibility.
4. Consider installing new retro-reflective signage for improved visibility for existing signage that are faded or no longer compliant with current MUTCD standards.
5. Evaluate the installation of a fully actuated traffic signal to eliminate the need to encroach into the intersection to improve sightlines. Evaluation should be confirmed against MUTCD signal warrants for traffic volume and safety.
6. Evaluate the installation of a roundabout to improve the traffic flow, decrease the approach speed, minimize delays on the side streets and reduce turning movement conflicts at the intersection cluster. Note that the construction of a roundabout may require the acquisition of private property on multiple corners of the intersection cluster.

Safety Issue #3: Vehicle Speeds

Specific Observations:

Audit participants noted that high vehicle speeds along Nathan Ellis Highway at this intersection. Based on the traffic counts conducted in April 2018, the 85th percentile speed along Nathan Ellis Highway (Route 151) was measured at 55 miles per hour (MPH). The majority of the vehicles travelling along Route 151 were measured to be travelling at a speed greater than the posted 50 MPH speed limit. An audit participant noted that due to the vehicles speed along Route 151, the vehicles from Sam Turner Road, Cloverfield Way and Boxberry Hill Road find it difficult to turn onto Route 151 and may accept smaller gaps than necessary to perform their turning movement. This can be a factor in the type of angled crashes recorded at this intersection.

Potential Safety Enhancements:

1. Evaluate the installation of traffic calming measures along Route 151, such as the narrowing the travel lanes, to reduce travel speed and increase gaps in the traffic flow.
2. Consider strategic placement of dynamic speed radar signage along Route 151 approaches to inform drivers of their current speed as compared to the posted speed limit.
3. Consider installing reduce speed flashers along Route 151 approaches along with advanced warning signage in a location where light pollution will not adversely affect residents.
4. Consider increasing police enforcement of speeding at and in the vicinity of the intersection.

Safety Issue #4: Insufficient, Deteriorated or Sub-Standard Pavement Markings and Signage

Specific Observations:

Pavement Markings – Audit participants noted that the existing pavement markings at the intersection cluster are faded especially on Sam Turner Road, Cloverfield Way and Boxberry Hill Road. All three side street approaches lack stop bars.

Signage – Audit participants noted that some of the existing signs at the intersection cluster are faded, damaged, or not MUTCD-compliant, which is detracting from their effectiveness. The stop sign on Sam Turner Road is partially blocked by vegetation. Street name signs within the audit area are not consistent; some of them have small black letters on white background and some are larger white on green signs. An audit participant noted that the location of Cloverfield Way street name sign can be confusing for the motorists, as it is located between Cloverfield Way and Boxberry Hill Road.

The “Stop Ahead” sign on Sam Turner Road is not consistent with current MUTCD standards and differs from the sign on Boxberry Hill Road. The “Intersection Ahead” signs on the Nathan Ellis Highway eastbound and westbound approaches are located approximately 350 feet in advance of the intersection cluster. It was noted by an audit participant that this sign should be placed approximately 1000 feet in advance of the intersection cluster. At the time of the RSA, a “Dangerous Intersection” sign was located on the westbound approach of the intersection cluster. It was noted by a MassDOT representative that this sign is not a standard MUTCD sign.

Potential Safety Enhancements:

1. Reapply all existing pavement markings, including stop bars and centerlines, to improve motorist and pedestrian safety.
2. Reapply stop bars at Sam Turner Road, Cloverfield Way and Boxberry Hill Road approaches to define vehicle stop locations and provide adequate sight distance.
3. Replace the “Stop Ahead” word sign on the northbound Sam Turner Road approach with a “Stop Ahead” symbol sign (W1-3) to provide consistent signage.
4. Trim the vegetation from the existing stop sign locations to maximize visibility.
5. Replace all existing signs within the vicinity of the audit area that are currently faded, damaged or non-compliant with new MUTCD-compliant signs to provide clear and



Image 13: Missing stop bar on Northbound Sam Turner Road approach



Image 14: Dangerous Intersection sign on Westbound Route 151

concise regulatory and warning messages. Consider installation of double stop signs at the stop control approaches. Provide retro-reflective signs where necessary.

6. Provide town-wide consistent retro-reflective street name signs at all side streets in appropriate locations to minimize motorist confusion.
7. Relocate the existing “Intersection Ahead” (W2-1 modified) signs to approximately 1000 feet in advance of the intersection cluster to be in compliance with MUTCD advance warning sign standards. Consider replacing these signs with a retro-reflective signs.
8. Remove the “Dangerous Intersection” sign from the westbound approach to be in compliance with MassDOT standards.

Safety Issue #5: Sub-Standard Multi-Modal Accommodations

Specific Observations:

Pedestrian and Transit Accommodations – Immediately to the north of the intersection along Cloverfield Way is an access driveway to a parking area for the Frances Crane Wildlife Management Area on the northeast corner of the intersection. Audit participants noted that this parking area is heavily used seasonally. Further, audit participants noted that a dirt shoulder area along eastbound Nathan Ellis Highway is used as a parking area by visitors to the Wildlife Management Area seasonally as well, with pedestrians crossing Nathan Ellis Highway at the intersection.



Image 15: Dirt parking area on eastbound Nathan Ellis Highway

Audit participants observed this dirt area being used as a bus pick-up and drop-off location by area residents. No bus stop signage is provided at the intersection. No pedestrian crashes were recorded at this intersection.

Bicycle Accommodations – Formalized bicycle accommodations are not provided along Nathan Ellis Highway or the side streets at this intersection. No bicycle crashes were recorded at this intersection over the five-year study period.

Potential Safety Enhancements:

1. Should a signal or roundabout be warranted, provide pedestrian infrastructure; including crosswalks, pedestrian signal countdown indications and accessible push buttons consistent with current MUTCD and ADA/AAB standards, and/or signage for each individual crossing to enhance pedestrian safety while crossing the intersection. Providing efficient crossing opportunities is anticipated to assist in locating pedestrian crossing maneuvers to a safe, defined location.

2. Construct ADA/AAB compliant accessible curb ramps to align with the crosswalk locations upon enhancements to the intersection.
3. Evaluate the opportunity to construct dedicated bicycle lanes along Nathan Ellis Highway or a multi-modal pathway adjacent to the roadway. With any future bicycle facilities, and should a signal be warranted, bicycle accommodations to facilitate crossing of the sides streets and Route 151 should be provided, such as bicycle detection or dedicated signals.

Summary of Road Safety Audit

Each improvement considered has been categorized as short-term, mid-term, or long-term. Additionally, a cost category has been assigned to each improvement based on the definitions shown in Table 4. Table 5 includes a summary of the potential safety enhancements. Safety benefit estimates are subjective, based on engineering experience and the relative percentage of crashes that may be reduced by the enhancement based on known and documented crash reduction factors (such as FHWA documented crash reduction factors).

Note that some costs are noted with two cost thresholds. This is included as some enhancements may require additional measures to ensure regulatory compliance. In addition, some enhancements are defined to mitigate multiple safety issues. For those enhancements identified for multiple issues, the enhancement has only been listed once in Table 5.

Table 4: Estimated Time Frame and Costs Breakdown

Time Frame		Costs	
Short-Term	<1 Year	Low	<\$10,000
Mid-Term	1-3 Years	Medium	\$10,001-\$50,000
Long-Term	>3 Years	High	>\$50,000

Table 5: Potential Safety Enhancement Summary

Safety Issue	Potential Safety Enhancement	Safety Payoff	Time Frame	Cost	Jurisdiction
Nathan Ellis Highway (Route 151) / Currier Road					
Driver Frustration Due to Vehicle Delays	Install new MUTCD-compliant 36” stop signs (R1-1) on both approaches of Currier Road. Consider installing double stop signs.	High	Short-Term	Low	Town
	Consider replacing the indicators within the current overhead flashing beacon with L.E.D. indicators.	High	Short-Term	Low	Town
	Evaluate the installation of traffic calming measures along Route 151 such as narrowing the travel lanes.	Medium	Long-Term	High	Town
	Evaluate the installation of a fully-actuated traffic signal at the intersection. Evaluation should be confirmed against MUTCD signal warrants.	High	Long-Term	High	Town
	Should a signal be warranted, establish actuated vehicle detection along all four intersection approaches. Video detection should be considered.	Medium	Long-Term	High	Town
	Should a signal be warranted, provide L.E.D. signal indications, retro-reflective backplates, and tunnel visors on all signal housings.	Medium	Long-Term	High	Town
	Should a signal be warranted and additional pedestrian accommodations become essential in the future, provide traffic signal infrastructure; including pedestrian signal countdown indications, crosswalks and accessible push buttons consistent with current MUTCD and ADA/AAB standards, with signage for each individual crossing. Consider upgrading the pedestrian crossings across Route 151 with higher visibility treatments.	High	Long-Term	High	Town
	Evaluate the installation of a roundabout. Note that the construction of a roundabout may require the acquisition of private property on multiple corners of the intersection.	High	Long-Term	High	Town
Intersection Geometry	Consider reducing the corner radii of all four corners of the intersection. Evaluation of required large vehicle turning radii must be considered with this recommendation.	Low	Long-Term	Medium	Town

Table 5 Continued: Potential Safety Enhancement Summary

Safety Issue	Potential Safety Enhancement	Safety Payoff	Time Frame	Cost	Jurisdiction
Nathan Ellis Highway (Route 151) / Currier Road					
Insufficient, Deteriorated or Sub-Standard Pavement Markings and Signage	Reapply all existing pavement markings, including stop bars and centerlines.	High	Short-Term	Low	Town
	Consider replacing existing pavement markings with thermoplastic markings.	Medium	Long-Term	Medium	Town
	Relocate the stop bars on the northbound and southbound approaches closer to the intersection.	High	Short-Term	Low	Town
	Replace all existing signage at the intersection that are currently faded, damaged or non-compliant with new retro-reflective MUTCD-compliant signs. Consider adding an additional stop sign to the left side of Currier Road.	Medium	Short-Term	Low	Town
	Consider the replacement of the existing “Stop Ahead” signs (W3-1) on the Currier Road northbound and southbound approaches with retro-reflective signs.	High	Short-Term	Low	Town
Visibility	Maintain corner sight lines by continuing to trim the vegetation within the intersection sight triangles.	Medium	Continuous	Low	Town
	Consider relocating the “Ashumet Holly Wildlife Sanctuary” sign located on the northwest corner of the intersection outside of the intersection sight triangle.	Medium	Short-Term	Low	Town
	Consider installing additional overhead luminaires at the intersection.	Medium	Long-Term	Medium	Town
Sub-Standard Multi-Modal Accommodations	Construct ADA/AAB compliant accessible curb ramps in future conditions with the addition of pedestrian infrastructure.	Medium	Long-Term	Medium	Town
	Consider placing portable lights and signs at the intersection during events at the Fairgrounds.	Medium	Short-Term	Medium	Town

Table 5 Continued: Potential Safety Enhancement Summary

Safety Issue	Potential Safety Enhancement	Safety Payoff	Time Frame	Cost	Jurisdiction
Nathan Ellis Highway (Route 151) / Currier Road					
Sub-Standard Multi-Modal Accommodations	Evaluate the opportunity to construct dedicated bicycle lanes along Nathan Ellis Highway or multi-modal pathway adjacent to the roadway. With any future bicycle facilities, and should a signal be warranted, bicycle accommodations to facilitate crossing of Currier Road and Route 151 should be provided, such as bicycle detection or dedicated signal.	Medium	Long-Term	High	Town
Vehicle Speeds	Consider strategic placement of dynamic speed radar signage along Route 151 approaches.	Low	Short-Term	Medium	Town
	Consider installing reduce speed flashers along Route 151 approaches with advanced warning signage in a location where light pollution will not adversely affect residents.	Low	Mid-Term	Medium	Town
	Consider the installation of vertical granite curbing and sidewalks along Route 151 and Currier Road.	Low	Long-Term	High	Town
	Consider increasing police enforcement of speed at and in the vicinity of the intersection.	Low	Short-Term	Medium	Town Police

Table 5 Continued: Potential Safety Enhancement Summary

Safety Issue	Potential Safety Enhancement	Safety Payoff	Time Frame	Cost	Jurisdiction
Nathan Ellis Highway (Route 151) / Sandwich Road					
Intersection Alignment and Geometry	Evaluate feasibility and need to reconstruct the vertical profile of Route 151 west of the intersection to remove the sag and crest vertical curves along the roadway. This improvement may require profile alterations to the driveways and side street approaches within the limits of corridor profile reconstruction.	High	Long-Term	High	Town
	Include the Sandwich Road northbound channelized right-turn as part of the traffic signal at the intersection per new MassDOT standards if any changes are made at the intersection.	High	Long-Term	High	Town
	Provide pedestrian signal indicators and pedestrian push buttons for the existing crosswalk.	Medium	Mid-Term	Medium	Town
	Consider reconstructing the southeast corner of the intersection to remove the channelized right-turn lane. Evaluation of right turning volume and larger vehicle turning radii must be considered with this recommendation.	High	Long-Term	Medium to High	Town
	Consider strategic placement of dynamic speed radar signage along Route 151 approaches.	Low	Short-Term	Medium	Town
	Consider installing reduce speed flashers along Route 151 approaches along with advanced warning signage in a location where light pollution will not adversely affect residents.	Low	Mid-Term	Medium	Town
	Consider reconfiguring the eastbound and westbound approaches of Nathan Ellis Highway. Dedicated left-turn lanes, if warranted, on each approach is an expected geometry by motorists.	High	Long-Term	High	Town
	Consider widening Nathan Ellis Highway.	Medium	Long-Term	High	Town
	Evaluate the intersection operation and determine the appropriate lane designations necessary on all approaches.	High	Long-Term	High	Town
	Consider increasing police enforcement of speeding at and in the vicinity of the intersection	Low	Short-Term	Medium	Town Police

Table 5 Continued: Potential Safety Enhancement Summary

Safety Issue	Potential Safety Enhancement	Safety Payoff	Time Frame	Cost	Jurisdiction
Nathan Ellis Highway (Route 151) / Sandwich Road					
Deteriorated or Sub-Standard Signage and Pavement Markings	Reapply all existing pavement markings, including lane markings, stop bars and centerlines.	High	Short-Term	Low	Town
	Apply yield marking on the northbound channelized right-turn movement.	High	Short-Term	Low	Town
	Consider installing a MUTCD-compliant “No Turn on Red” sign for the southbound right turning vehicles.	Medium	Short-Term	Low	Town
	Consider replacing existing pavement markings with thermoplastic markings.	Medium	Long-Term	Medium	Town
	Ensure the westbound stop bar is located at least four feet away from striped crosswalk.	Medium	Short-Term	Low	Town
	Replace all existing signage at the intersection that are currently faded, damaged or non-compliant with MUTCD-compliant signs.	High	Short-Term	Low	Town
Intersection Signal Control	Repair the traffic signal at the southwest corner of the intersection.	High	Short-Term	Low	Town
	Evaluate the need to include a protected/permitted or fully protected eastbound/westbound left turn phasing with any proposed changes in geometry.	Medium	Long-Term	Medium	Town
	Evaluate installing video detection cameras at the intersection.	Medium	Long-Term	High	Town
Sub-Standard Multi-Modal Accommodations	Provide pedestrian traffic signal infrastructure at the signalized intersection; including pedestrian signal countdown indications and accessible push buttons consistent with current MUTCD and ADA/AAB standards, with signage for each individual crossing. The channelized right-turn lane will need to be signalized as part of this enhancement.	High	Long-Term	High	Town
	If new pedestrian signal equipment is installed, evaluate the timing of the intersection.	Medium	Long-Term	Low	Town

Table 5 Continued: Potential Safety Enhancement Summary

Safety Issue	Potential Safety Enhancement	Safety Payoff	Time Frame	Cost	Jurisdiction
Nathan Ellis Highway (Route 151) / Sam Turner Road / Cloverfield Way and Nathan Ellis Highway (Route 151) / Boxberry Hill Road					
Traffic Control and Intersection Geometry	Consider replacing the existing flashers with L.E.D. flashers with tunnel visors.	High	Short-Term	Low	Town
	Consider relocating the post-mounted flasher at the south side of the intersection of Nathan Ellis Highway (Route 151) / Sam Turner Road / Cloverfield Way.	High	Short-Term	Medium	Town
	Consider relocating the post-mounted flasher at the north side of the intersection of Nathan Ellis Highway (Route 151) / Boxberry Hill Road.	High	Short-Term	Medium	Town
	Consider working with the Francis Wildlife Management Area to create a larger parking area on the northeast corner of the intersection.	Low	Long-Term	Low to Medium	Town/Francis Wildlife Management Area
	Evaluate the installation of a fully-actuated traffic signal at the intersection cluster. Evaluation should be confirmed against MUTCD signal warrants for traffic volume and safety.	High	Long-Term	High	Town
	Should a signal be warranted, consider realigning the intersection approaches.	High	Long-Term	Medium	Town
	Should a signal be warranted, establish actuated vehicle detection along all five intersection approaches. Video detection should be considered.	Medium	Long-Term	High	Town
	Should a signal be warranted, provide L.E.D. signal indications, retro-reflective backplates and tunnel visors on all signal housings.	Medium	Long-Term	High	Town
	Should a signal be warranted and additional pedestrian accommodations become essential in the future, provide pedestrian traffic signal infrastructure; including pedestrian signal countdown indications and accessible push buttons consistent with current MUTCD and ADA/AAB standards, with signage for each individual crossing.	High	Long-Term	High	Town

Table 5 Continued: Potential Safety Enhancement Summary

Safety Issue	Potential Safety Enhancement	Safety Payoff	Time Frame	Cost	Jurisdiction
Nathan Ellis Highway (Route 151) / Sam Turner Road / Cloverfield Way and Nathan Ellis Highway (Route 151) / Boxberry Hill Road					
Traffic Control and Intersection Geometry	Evaluate the installation of a roundabout. Note that the construction of a roundabout may require the acquisition of private property on multiple corners of the intersection cluster.	High	Long-Term	High	Town
Visibility	Continue to maintain the vegetation along Route 151.	Medium	Continuous	Low	Town
	Consider installing overhead lighting luminaires at the intersection cluster.	Medium	Short-Term	Medium	Town
	Consider installing new retro-reflective signage for existing signage that are faded or no longer compliant with current MUTCD standards.	High	Short-Term	Low	Town
Vehicle Speeds	Evaluate the installation of traffic calming measures along Route 151 such as the narrowing the travel lanes.	Medium	Long-Term	High	Town
	Consider strategic placement of dynamic speed radar signage along Route 151 approaches.	Low	Long-Term	High	Town
	Consider installing reduce speed flashers along Route 151 approaches along with advanced warning signage in a location where light pollution will not adversely affect residents.	Low	Mid-Term	Medium	Town
	Consider increasing police enforcement of speeding at and in the vicinity of the intersection.	Low	Short-Term	Medium	Town Police
Insufficient, Deteriorated or Sub-Standard Pavement Markings and Signage	Reapply all existing pavement markings, including stop bars and centerlines.	High	Short-Term	Low	Town
	Reapply stop bars at Sam Turner Road, Cloverfield Way and Boxberry Hill Road approaches.	High	Short-Term	Low	Town
	Replace the “Stop Ahead” word sign on the northbound Sam Turner Road approach with “Stop Ahead” symbol sign (W1-3).	Medium	Short-Term	Low	Town

Table 5 Continued: Potential Safety Enhancement Summary

Safety Issue	Potential Safety Enhancement	Safety Payoff	Time Frame	Cost	Jurisdiction
Nathan Ellis Highway (Route 151) / Sam Turner Road / Cloverfield Way and Nathan Ellis Highway (Route 151) / Boxberry Hill Road					
Insufficient, Deteriorated or Sub-Standard Pavement Markings and Signage	Trim the vegetation from the existing stop sign locations.	Medium	Continuous	Low	Town
	Replace all existing signs within the vicinity of the audit area that are faded or no longer compliant with current MUTCD standards. Consider double stop signs at the stop control approaches.	Medium	Short-Term	Low	Town
	Provide town-wide consistent retro-reflective street name signs at all side streets in appropriate locations.	Medium	Short-Term	Low	Town
	Relocate the existing “Intersection Ahead” (W2-1 modified) signs to approximately 1000 feet in advance of the intersection cluster. Consider replacing these signs with a retro-reflective signs.	Medium	Short-Term	Low	Town
	Remove the “Dangerous Intersection” sign from the westbound approach.	Low	Short-Term	Low	Town
Sub-Standard Multi-Modal Accommodations	Construct ADA/AAB compliant accessible curb ramps in future conditions with the addition of pedestrian infrastructure.	Medium	Long-Term	Medium	Town
	Evaluate the opportunity to construct dedicated bicycle lanes along Nathan Ellis Highway or multi-modal pathway adjacent to the roadway. With any future bicycle facilities, and should a signal be warranted, bicycle accommodations to facilitate crossing of Currier Road and Route 151 should be provided, such as bicycle detection or dedicated signal.	Medium	Long-Term	High	Town

Appendix A. RSA Meeting Agenda

Agenda

Road Safety Audit

LOCATION

Meeting Location:

Gus Canty (Falmouth) Recreation Center, Room 2
790 Main Street
Falmouth, Massachusetts
Thursday, May 3, 2018
9:00 AM – 12:00 PM

Type of meeting:

High Crash Locations – Road Safety Audit

Attendees:

Invited Participants to Comprise a Multidisciplinary Team

Please bring:

Thoughts and Enthusiasm!

9:00 AM

Welcome and Introductions

- Introductions

9:10 AM

Review of Site Specific Material

- Crash Summaries – provided in advance
 - Nathan Ellis Highway (Route 151) / Sandwich Road
 - Nathan Ellis Highway (Route 151) / Currier Road
 - Nathan Ellis Highway (Route 151) / Sam Turner Road / Cloverfield Way
 - Nathan Ellis Highway (Route 151) / Boxberry Hill Road
- Existing Geometries and Conditions

10:00 AM

Visit the Site

- Conduct Field Visit
- As a group, identify areas for improvement

11:00 AM

Post Visit Discussion / Completion of RSA

- Discuss observations and finalize findings
- Discuss potential improvements and finalize recommendations

12:00 PM

Adjourn for the Day – but the RSA has not ended

Instructions for Participants:

- Before attending the RSA on May 3, participants are encouraged to drive through the RSA locations and complete / consider elements on the RSA Prompt List, with a focus on safety.
- All participants will be actively involved throughout the RSA process. Participants are encouraged to come with thoughts and ideas; however, remember that the synergy that develops and respect for others' opinions are key elements to the success of the overall RSA process.
- After the RSA meeting, participants will be asked to comment and respond to the document materials to assure it is reflective of the RSA completed by the multidisciplinary team.

Appendix B. RSA Audit Team Contact List

Participating Audit Team Members

Date: May 3, 2018

Location: Falmouth, Massachusetts

Audit Team Members	Agency/Affiliation	Email Address
Ed Dunne	Falmouth Police Department	edunne@falmouthpolice.us
James Porter	Falmouth Police Department	jporter@falmouthpolice.us
Michael Small	Falmouth Fire Department	msmall@falmouthfire.us
James McLoughlin	Falmouth Department of Public Works	jim.mcloughlin@falmouthmass.us
Peter McConarty	Falmouth Department of Public Works	pmcconarty@falmouthmass.us
Raymond Jack	Falmouth Department of Public Works	rjack@falmouthmass.us
Thomas Bolt	Falmouth Planning Department	thomas.bolt@falmouthmass.us
Julian M. Suso	Town of Falmouth	jsuso@falmouthmass.us
David Nolan	Cape Cod Commission	david.nolan@capecodcommission.org
Lev Malakhoff	Cape Cod Commission	lmalakhoff@capecodcommission.org
Ted Rowan	Falmouth Bikeway Commission	ted.rowan@gmail.com
Michelle Deng	MassDOT Traffic Safety	michelle.deng@state.ma.us
Kevin T. Fitzgerald	MassDOT Traffic Safety	kevin.t.fitzgerald@state.ma.us
Thomas Rebello	MassDOT District 5 Traffic	thomas.rebello@state.ma.us
Faina Veinstein	MassDOT District 5 Projects	faina.veinstein@state.ma.us
Phil MacClellan	Tata & Howard, Inc.	pmacclellan@tataandhoward.com
Patrick O'Neale	Tata & Howard, Inc.	poneale@tataandhoward.com
Elizabeth Oltman	TEC, Inc.	oltman@theengineeringcorp.com
Eindra (Elena) Aung	TEC, Inc.	eaung@theengineeringcorp.com

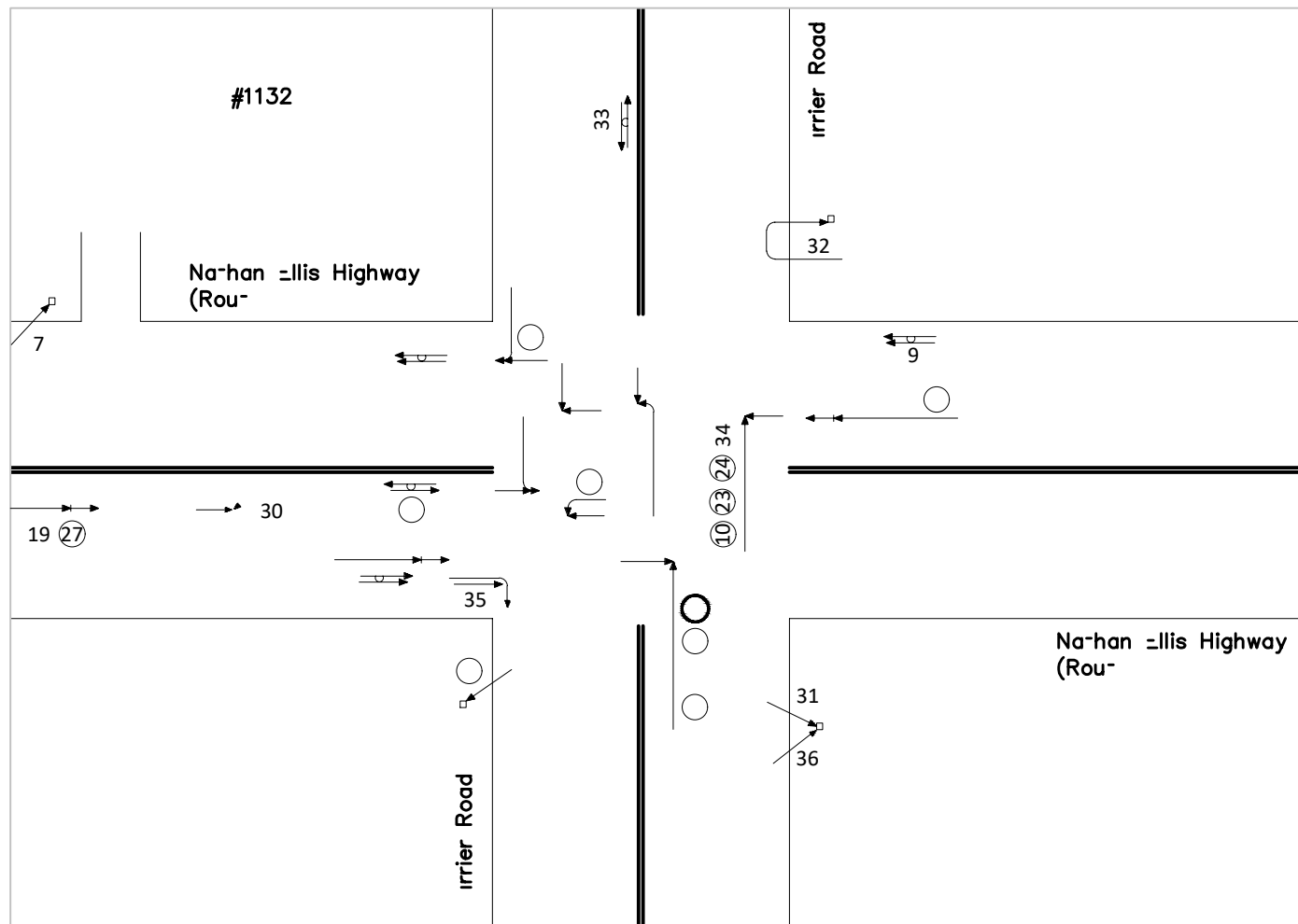
Appendix C. Detailed Crash Data



Not to Scale

Nathan Ellis Highway (Route 151) Corridor Safety Improvements - Falmouth, MA Road Safety Audit

LOCATION: Nathan Ellis Highway (Route 151) @ Currier Road
 CITY/STATE: Falmouth, Massachusetts
 TIME PERIOD: 2013 - 2017
 PREPARED BY: TEC, Inc. / Eindra (Elena) Aung, E.I.T.
 SOURCE: Town of Falmouth Police Department, Massachusetts Department of Transportation (MassDOT)



LEGEND					SHOW FOR COLLISION			
→ VEHICLE PATH	↔ BACKING VEHICLE	↔ SIDESWIPE COLLISION	→□ PEDESTRIAN COLLISION	→C CYCLIST COLLISION	→ REAR-END COLLISION	□ FIXED OBJECT	⊠ MOVEABLE OBJECT	▢ PARKED VEHICLE
	↔ HEAD-ON COLLISION	↔ ANGLED COLLISION	→□ FIXED OBJECT COLLISION	→ OVERTURNED VEHICLE	↔ OUT-OF-CONTROL VEHICLE	○ PERSONAL INJURY	○ FATALITY	A □ ANIMAL
SUMMARY OF CRASHES ON DIAGRAM [one fatal collision]					1. Approximate location of collision, 2. Direction of collision, 3. Type of collision and vehicles involved, 4. Time, Day, Date 5. Any other pertinent factors mentioned on the report. NOTE: Shaded number indicates crash occurred under "nighttime" conditions.			
	REAR-END	SIDESWIPE	HEAD-ON	ANGLED	SINGLE VEH	PED/BIKE	OTHER / UNK	TOTAL
PROPERTY DAMAGE ONLY	7	5	0	7	4	0	0	23
NON-FATAL INJURY	2	1	0	9	1	0	0	13
UNKNOWN / NOT REPORTED	0	0	0	1	0	0	0	1
TOTAL	9	6	0	17	5	0	0	37

Figure RSA-1

Collision Diagram
 2013 - 2017
 Collision Data



Crash Data Summary Tables
Nathan Ellis Highway (Route 151) @ Currier Road - Falmouth, Massachusetts
01/01/2013 - 12/31/2017

Collision Diagram	Crash Date	Crash Time	Day of Week	Ambient Light	Weather Condition	Road Surface	Operator's Age				Crash Severity	Manner of Collision	Driver Contributing Codes	Detailed Narrative (from Crash Report)
							V1	V2	V3	V4				
1	1/28/2013	3:31 PM	Monday	Daylight	Rain	Snow	N/A	N/A			Property Damage Only	Rear-end	Followed Too Closely	MV1 and MV2: travelling WB on Route 151. MV2 slowed to make a left turn onto Currier Rd SB lane. MV1 rear-ended MV2. MV2 left the scene.
2	7/5/2013	3:26 PM	Friday	Daylight	Clear	Dry	N/A	N/A			Non-fatal Injury	Angled	Failure to Yield Right-of-Way	MV1: travelling WB on Route 151; MV2: attempting to turn right from Currier Road SB lane onto Route 151 WB lane. MV2 failed to yield and collided with MV1.
3	7/6/2013	2:10 PM	Saturday	Daylight	Clear	Dry	N/A	N/A			Property Damage Only	Rear-end	Inattention / Distracted	MV1: stopped in traffic on Route 151 EB lane; MV2: travelling EB on Route 151. MV2 rear-ended MV1 just west of Currier Road.
4	7/15/2013	7:36 PM	Monday	Daylight	Clear	Dry	N/A	N/A			Property Damage Only	Rear-end	Followed Too Closely	MV1 and MV2: travelling EB on Route 151. MV1 slowed down for traffic as it approached Currier Road. MV2 was travelling directly behind MV1 and rear-ended MV1.
5	9/11/2013	3:21 PM	Wednesday	Daylight	Clear	Dry	N/A	N/A			Property Damage Only	Angled	Failure to Yield Right-of-Way	MV1: turning left onto Route 151 WB lane from Currier Road after stopping at the STOP-sign; MV2: travelling SB on Currier Road after stopping at the STOP-sign. MV1 arrived at the intersection before MV2. MV2 crossed the intersection without checking prepoerly and struck MV1.
6	12/7/2013	8:53 PM	Saturday	Dark - Not Lighted	Clear	Dry	N/A	N/A			Non-fatal Injury	Sideswipe	Erratic / Aggressive / Reckless Driving	MV1: travelling EB on Route 151 and about to make a right-turn onto Currier Road; MV2: travelling WB on Route 151. MV2 crossed the centerline and sideswiped the driver's side of MV1. This is a hit and run crash.
7	12/15/2013	1:23 AM	Sunday	Dark - Not Lighted	Snow	Snow	N/A				Property Damage Only	Single Vehicle	Excessive Speed	MV1: travelling EB on Route 151. Near #1132 Route 151, MV1 lost control, spun around crossing the centerline and struck a tree on the side of the road.
8	12/17/2013	8:04 PM	Tuesday	Dark - Not Lighted	Rain	Wet	N/A	N/A			Property Damage Only	Rear-end	Inattention / Distracted	MV1: travelling WB on Route 151; MV2: waiting to turn left onto Currier Road from Route 151 WB lane. MV1 did not see MV2 stopped in the road and rear-ended MV2.
9	2/21/2014	4:15 PM	Friday	Daylight	Fog, Smog, Smoke	Wet	N/A	N/A			Property Damage Only	Sideswipe	Excessive Speed	MV1: stopped in traffic between two vehicles on Route 151 WB lane; MV2: travelling WB on Route 151. Due to the heavy fog, MV2 did not notice the vehicles stopped at the intersection and drove around the vehicle behind MV1 in order to pass it. When MV2 attempted to get back in the lane, MV2 sideswiped MV1.
10	3/8/2014	6:55 PM	Saturday	Dark - Lighted	Clear	Dry	N/A	N/A			Non-fatal Injury	Angled	Failure to Yield Right-of-Way	MV1: stopped at the STOP-sign on Currier Road NB lane to continue travelling straight ahead; MV2: travelling WB on Route 151. MV1 struck MV2 when MV1 attempted to cross the intersection.
11	5/3/2014	4:09 PM	Saturday	Daylight	Clear	Dry	N/A	N/A			Non-fatal Injury	Angled	Failure to Yield Right-of-Way	MV1: travelling NB on Currier Road; MV2: travelling EB on Route 151. MV1 pulled out of Currier Road in the path of MV2. MV2 was not able to stop in time and struck MV1.
12	6/22/2014	10:51 AM	Sunday	Daylight	Clear	Dry	N/A	N/A			Property Damage Only	Angled	Inattention / Distracted	MV1: travelling EB on Route 151; MV2: exiting Currier Road NB lane. MV2 failed to use caution after stopping and struck MV1.
13	6/24/2014	6:01 PM	Tuesday	Daylight	Clear	Dry	N/A	N/A			Non-fatal Injury	Angled	Failure to Yield Right-of-Way	Mv1: travelling SB on Currier Road; MV2: attempting to turn left onto Route 151 from Currier Road NB lane. MV2 struck MV1 when MV2 made the turn. MV1 arrived at this STOP-control intersection first.
14	6/29/2014	1:18 AM	Sunday	Dark - Lighted	Clear	Dry	N/A	N/A			Non-fatal Injury	Single Vehicle	Erratic / Aggressive / Reckless Driving	MV1: travelling WB on Route 151. When MV1 made a left-turn onto Currier Road SB lane, MV1 left the roadway and struck a utility pole of on the southwest corner of the intersection.
15	6/30/2014	5:14 PM	Monday	Daylight	Clear	Dry	N/A	N/A			Property Damage Only	Angled	Failure to Yield Right-of-Way	MV1: travelling WB on Route 151; MV2: travelling SB on Currier Road. MV1 struck MV2 when MV2 travelled straight through the intersection without giving way to the right of way vehicle.
16	9/11/2014	8:18 AM	Thursday	Daylight	Clear	Dry	N/A	N/A			Property Damage Only	Angled	Failure to Yield Right-of-Way	MV1: waiting to turn left onto Route 151 EB lane from Currier Road SB lane; MV2: attempting to turn left onto Currier Road NB lane from Route 151. MV1 thought MV2 was giving way and made the turn. MV1 and MV2 collided at the intersection.

Crash Data Summary Tables
Nathan Ellis Highway (Route 151) @ Currier Road - Falmouth, Massachusetts
01/01/2013 - 12/31/2017

Collision Diagram	Crash Date	Crash Time	Day of Week	Ambient Light	Weather Condition	Road Surface	Operator's Age				Crash Severity	Manner of Collision	Driver Contributing Codes	Detailed Narrative (from Crash Report)
17	2/10/2015	7:53 PM	Tuesday	Dark - Not Lighted	Cloudy	Snow	N/A	N/A			Property Damage Only	Sideswipe	Swerving / Avoiding	MV1 and MV2: travelling EB on Route 151. MV2 was behind MV1. MV1 was in the process of making a right turn onto Currier Road when MV2 passed MV1 on the right side. MV2 sideswiped MV1.
18	2/25/2015	4:38 PM	Wednesday	Daylight	Clear	Wet	N/A	N/A			Property Damage Only	Rear-end	Followed Too Closely	MV1 and MV2: travelling WB on Route 151. A vehicle in front of MV1 stopped abruptly at the intersection of Currier Road. MV1 slammed its brakes in order to avoid a crash. MV2 could not stop in time and rear-ended MV1.
19	2/27/2015	6:49 AM	Friday	Daylight	Clear	Dry	N/A	N/A			Property Damage Only	Rear-end	Inattention / Distracted	MV1: waiting to turn left into #1132 Route 151; MV2: travelling EB on Route 151. MV2 did not stop and struck MV1.
20	9/21/2015	3:48 PM	Monday	Daylight	Clear	Dry	56	25			Property Damage Only	Rear-end	Inattention / Distracted	MV1 and MV2: travelling EB on Route 151. MV1 slowed down for traffic as it approached Currier Road. MV2 was travelling directly behind MV1 and rear-ended MV1.
21	10/24/2015	6:24 PM	Saturday	Dark - Lighted	Clear	Dry	28	54			Non-fatal Injury	Rear-end	Followed Too Closely	MV1 and MV2: travelling WB on Route 151. MV2 slowed down in traffic and came to a stop. MV1 was not able to stop in time and rear-ended MV2.
22	10/26/2015	11:44 AM	Monday	Daylight	Clear	Dry	23	25			Non-fatal Injury	Angled	Failure to Yield Right-of-Way	MV1: travelling EB on Route151; MV2: travelling NB on Currier Road. MV2 failed to yield for MV1 causing MV1 to struck MV2.
23	12/17/2015	12:47 PM	Thursday	Daylight	Rain	Wet	20	66			Non-fatal Injury	Angled	Inattention / Distracted	MV1: travelling WB on Route 151; MV2: travelling NB on Currier Road. MV2 entered the intersection and collided with MV1.
24	3/16/2016	12:25 PM	Wednesday	Daylight	Clear	Dry	77	29			Non-fatal Injury	Angled	Disregarded Traffic Controls	MV1: travelling WB on Route 151; MV2: travelling NB on Currier Road. MV2 entered the intersection without stopping at the STOP-sign and collided with MV1.
25	7/2/2016	6:11 PM	Saturday	Daylight	Clear	Dry	23	25			Property Damage Only	Angled	Failure to Yield Right-of-Way	MV1: travelling EB on Route 151; MV2: attempting to make a left-turn from Currier Road onto Route 151 EB lane. MV1 struck MV2 when MV2 made the turn without yielding.
26	7/11/2016	10:16 AM	Monday	Daylight	Cloudy	Dry	48	43			Non-fatal Injury	Angled	Failure to Yield Right-of-Way	MV1: attempting to make a left-turn from Route 151 onto Currier Road SB lane; MV2(ambulance): travelling WB on Route 151 with its sirens on. MV2 started to go around MV1. MV1 made the turn and collided with MV2.
27	7/19/2016	3:48 PM	Tuesday	Daylight	Clear	Dry	52	19			Non-fatal Injury	Rear-end	Followed Too Closely	MV1 and MV2: travelling EB on Route 151. Near #1132 Route 151, MV2 rear-ended MV1.
28	11/1/2016	5:01 PM	Tuesday	Daylight	Clear	Dry	24	19			Property Damage Only	Sideswipe	Unknown	MV1: travelling WB on Route 151 MV2: making a left-turn from Currier Road onto Route 151 WB lane. MV1 and MV2 collided at the intersection.
29	12/28/2016	9:29 PM	Wednesday	Dark - Not Lighted	Clear	Dry	32	23			Fatal Injury	Angled	Erratic / Aggressive / Reckless Driving	MV1: travelling NB on Currier Road; MV2: travelling EB on Route 151. MV1 pulled out of Currier Road in the path of MV2. MV2 was not able to stop in time and struck MV1.
30	1/6/2017	5:13 PM	Friday	Dark - Unknown	Clear	Wet	24	18			Non-fatal Injury	Angled	Failure to Keep in Proper Lane	MV1: travelling EB on Route 151; MV2: turning left from Currier Road onto Route 151 WB lane. MV2 lost control of the vehicle, crossed into EB lane and struck MV1.
31	5/14/2017	3:23 PM	Sunday	Dark - Lighted	Rain	Wet	16				Property Damage Only	Single Vehicle	Excessive Speed	MV1: travelling EB on Route 151 and also attempting to turn right onto Currier Road. MV1 was too fast for the road conditions. MV1 went off road and struck the trees at the southeast corner of the intersection.
32	8/25/2014	4:59 PM	Monday	Daylight	Clear	Dry	49				Property Damage Only	Single Vehicle	Erratic / Aggressive / Reckless Driving	MV1: turning right onto Currier Road from Route 151 WB lane. While turning, MV1 struck an unknown object which busted the tires. Due to the tires, MV1 veered into the left lane striking the shoulder and veered back into the right lane and drove through the fence on the right side of the road.
33	11/16/2015	5:12 PM	Monday	Dark - Lighted	Clear	Dry	21	24			Property Damage Only	Sideswipe	Other	MV1: travelling NB on Currier Road; MV2: travelling SB on Currier Road. Just north of the intersection, MV1 sideswiped MV2.

Crash Data Summary Tables
Nathan Ellis Highway (Route 151) @ Currier Road - Falmouth, Massachusetts
01/01/2013 - 12/31/2017

Collision Diagram	Crash Date	Crash Time	Day of Week	Ambient Light	Weather Condition	Road Surface	Operator's Age				Crash Severity	Manner of Collision	Driver Contributing Codes	Detailed Narrative (from Crash Report)
34	7/27/2016	12:05 AM	Wednesday	Dark - Not Lighted	Clear	Dry	29	20			Property Damage Only	Angled	Inattention / Distracted	MV1: travelling NB on Currier Road; MV2: travelling WB on Route 151. When MV1 entered the intersection, it got struck by MV2. The operator of MV1 claimed to stop at the STOP-sign and only continue when there was no oncoming vehicles on Route 151. MV2 might have been speeding as well.
35	1/13/2017	7:28 PM	Friday	Dark - Lighted	Clear	Dry	40	23			Property Damage Only	Sideswipe	Failure to Keep in Proper Lane	MV1 and MV2: travelling EB on Route 151. MV2 slowed down to make a turn. MV2 seems to not have the directional signal on. MV1 attempted to pass MV2 on the right. When MV2 made a right-turn, MV1 and MV2 collided.
36	2/8/2017	9:39 AM	Wednesday	Daylight	Cloudy	Wet	32				Property Damage Only	Single Vehicle	Erratic / Aggressive / Reckless Driving	MV1: travelling NB on Currier Road. Just south of the intersection, MV1 ran off the road and struck a street sign. MV1 continued driving into the woods, re-entered the roadway then fled the scene.
37	10/25/2017	5:45 PM	Wednesday	Dark - Lighted	Rain	Wet	45	19			Property Damage Only	Angled	Failure to Yield Right-of-Way	MV1: travelling NB on Currier Road; MV2: travelling EB on Route 151. MV1 continued travelling NB without yielding for MV2 and got struck by MV2.

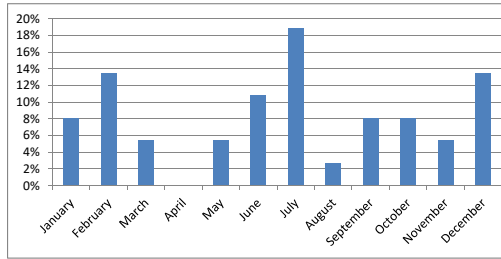
Crash Data Summary Tables

Nathan Ellis Highway (Route 151) @ Currier Road - Falmouth, Massachusetts
01/01/2013 - 12/31/2017

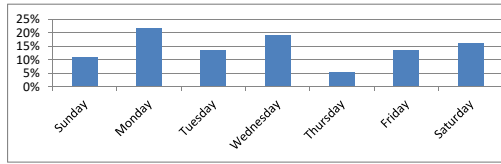
Route 151 @ Currier Road

37

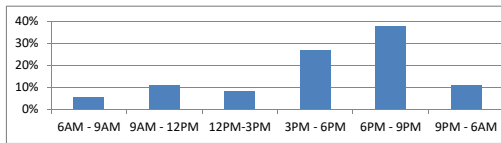
Month	#	%
January	3	8%
February	5	14%
March	2	5%
April	0	0%
May	2	5%
June	4	11%
July	7	19%
August	1	3%
September	3	8%
October	3	8%
November	2	5%
December	5	14%



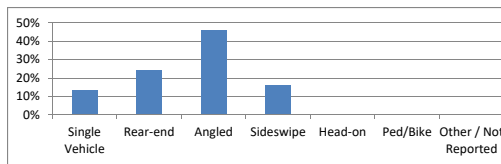
Day of Week	#	%
Sunday	4	11%
Monday	8	22%
Tuesday	5	14%
Wednesday	7	19%
Thursday	2	5%
Friday	5	14%
Saturday	6	16%



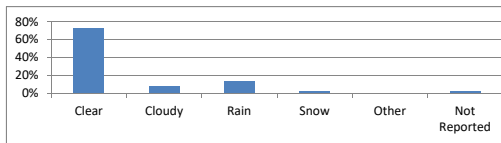
Time of Day	#	%
6AM - 9AM	2	5%
9AM - 12PM	4	11%
12PM-3PM	3	8%
3PM - 6PM	10	27%
6PM - 9PM	14	38%
9PM - 6AM	4	11%



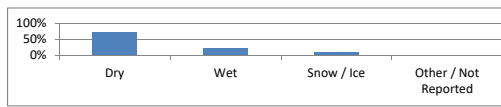
Manner of Collision	#	%
Single Vehicle	5	14%
Rear-end	9	24%
Angled	17	46%
Sideswipe	6	16%
Head-on	0	0%
Ped/Bike	0	0%
Other / Not Reported	0	0%



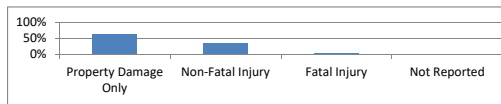
Weather Conditions	#	%
Clear	27	73%
Cloudy	3	8%
Rain	5	14%
Snow	1	3%
Other	0	0%
Not Reported	1	3%



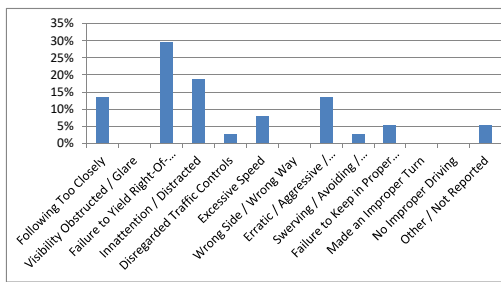
Road Surface	#	%
Dry	26	70%
Wet	8	22%
Snow / Ice	3	8%
Other / Not Reported	0	0%



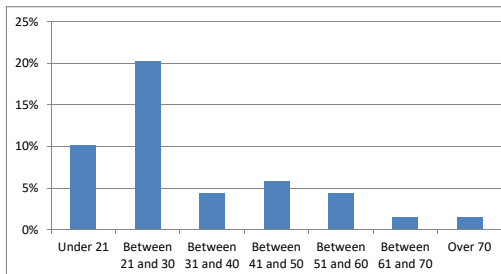
Crash Severity	#	%
Property Damage Only	23	62%
Non-Fatal Injury	13	35%
Fatal Injury	1	3%
Not Reported	0	0%



Main Contributing Factor from Narrative	#	%
Following Too Closely	5	14%
Visibility Obstructed / Glare	0	0%
Failure to Yield Right-Of-Way	11	30%
Inattention / Distracted	7	19%
Disregarded Traffic Controls	1	3%
Excessive Speed	3	8%
Wrong Side / Wrong Way	0	0%
Erratic / Aggressive / Reckless Driving	5	14%
Swerving / Avoiding / Over-Steering / Over-Correcting	1	3%
Failure to Keep in Proper Lane	2	5%
Made an Improper Turn	0	0%
No Improper Driving	0	0%
Other / Not Reported	2	5%



Age	#	%
Under 21	7	10%
Between 21 and 30	14	20%
Between 31 and 40	3	4%
Between 41 and 50	4	6%
Between 51 and 60	3	4%
Between 61 and 70	1	1%
Over 70	1	1%



INTERSECTION CRASH RATE WORKSHEET

CITY/TOWN : Falmouth COUNT DATE : _____

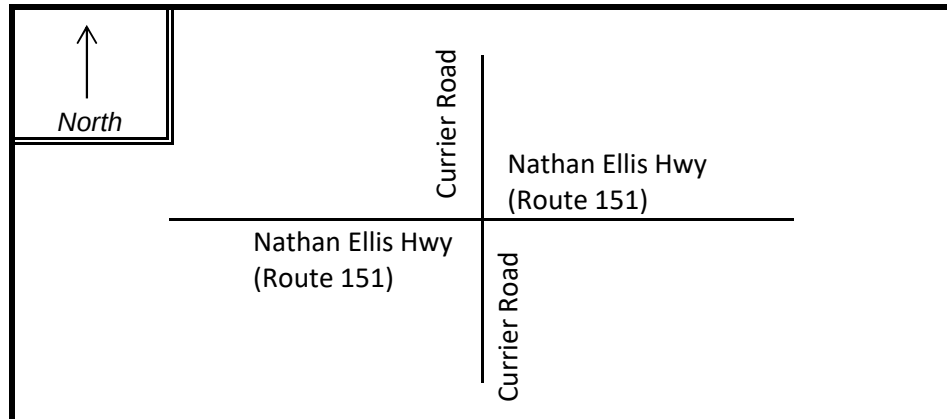
DISTRICT : 5 UNSIGNALIZED : ☐ Y ☐ SIGNALIZED : ☐ N ☐

~ INTERSECTION DATA ~

MAJOR STREET : Nathan Ellis Highway (Route 151)

MINOR STREET(S) : Currier Road

**INTERSECTION
DIAGRAM**
(Label Approaches)



PEAK HOUR VOLUMES

APPROACH :	1	2	3	4	5	Total Peak Hourly Approach Volume
DIRECTION :	EB	WB	NB	SB		
PEAK HOURLY VOLUMES (PM) :	880	695	48	21		1,644

"K" FACTOR :

0.088

INTERSECTION ADT (V) = TOTAL DAILY
APPROACH VOLUME :

18,682

TOTAL # OF CRASHES :

37

OF
YEARS :

5

AVERAGE # OF
CRASHES PER YEAR (A) :

7.40

CRASH RATE CALCULATION :

1.09

RATE = $\frac{(A * 1,000,000)}{(V * 365)}$

Comments : "K" value obtained from ADT conducted along Route 151 west of Currier Road

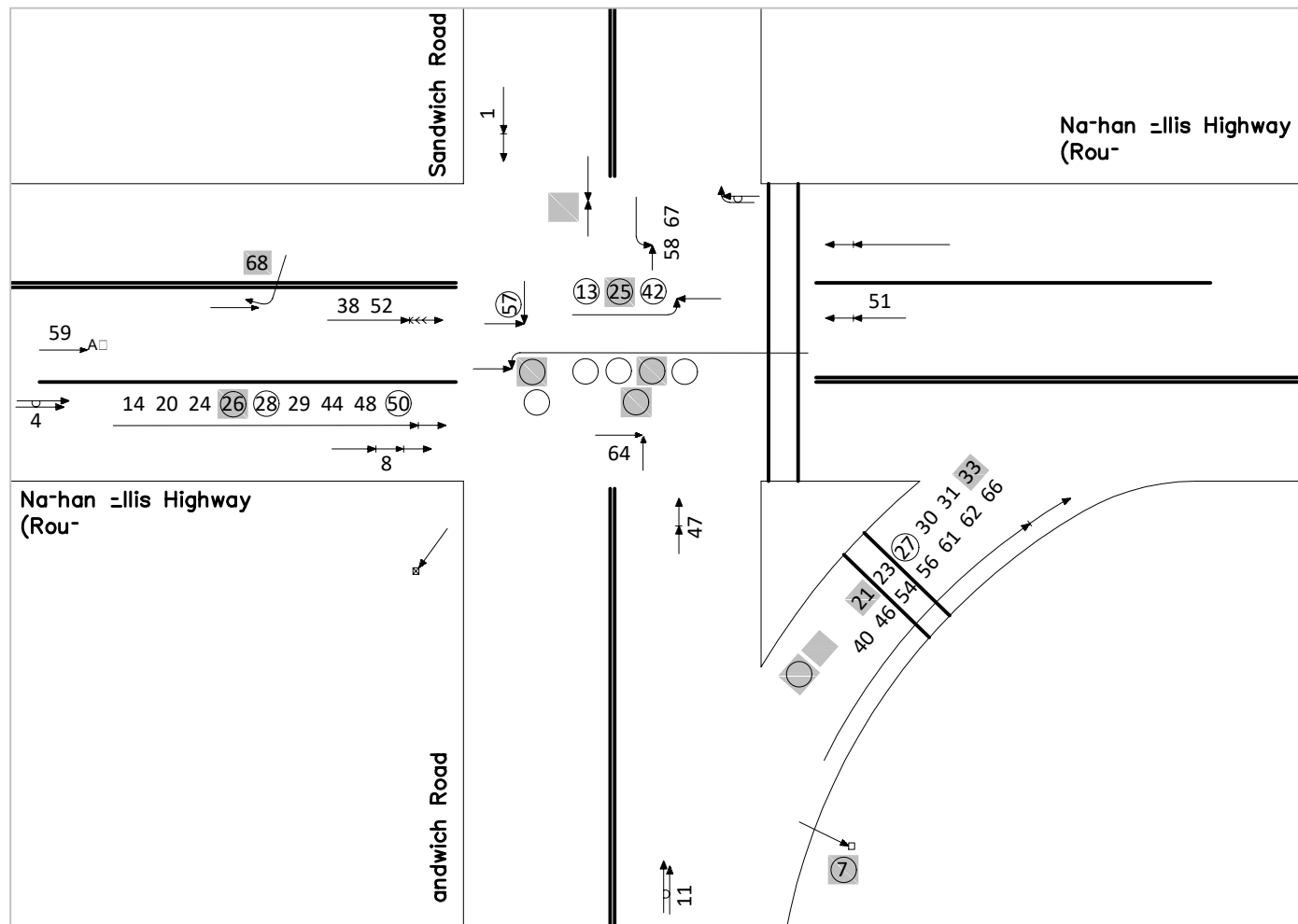
Project Title & Date: T0771 - Nathan Ellis Highway (Route 151) Corridor Safety Improvements 04/26/2018



Not to Scale

Nathan Ellis Highway (Route 151) Corridor Safety Improvements - Falmouth, MA Road Safety Audit

LOCATION: Nathan Ellis Highway (Route 151) @ Sandwich Road
 CITY/STATE: Falmouth, Massachusetts
 TIME PERIOD: 2013 - 2017
 PREPARED BY: TEC, Inc. / Eindra (Elena) Aung, E.I.T.
 SOURCE: Town of Falmouth Police Department, Massachusetts Department of Transportation (MassDOT)



LEGEND						SHOW FOR COLLISION		
	VEHICLE PATH		HEAD-ON COLLISION		FIXED OBJECT	1. Approximate location of collision, 2. Direction of collision, 3. Type of collision and vehicles involved, 4. Time, Day, Date 5. Any other pertinent factors mentioned on the report. NOTE: Shaded number indicates crash occurred under "nighttime" conditions.		
	BACKING VEHICLE		ANGLED COLLISION		MOVEABLE OBJECT			
	SIDESWIPE COLLISION		FIXED OBJECT COLLISION		PARKED VEHICLE			
	PEDESTRIAN COLLISION		OVERTURNED VEHICLE		PERSONAL INJURY			
	CYCLIST COLLISION		OUT-OF-CONTROL VEHICLE		FATALITY			
	REAR-END COLLISION				ANIMAL			
SUMMARY OF CRASHES ON DIAGRAM <i>[no fatal collisions]</i>								
	REAR-END	SIDESWIPE	HEAD-ON	ANGLED	SINGLE VEH	PED/BIKE	OTHER / UNK	TOTAL
PROPERTY DAMAGE ONLY	31	4	1	11	2	0	0	49
NON-FATAL INJURY	5	0	3	10	1	0	0	19
UNKNOWN / NOT REPORTED	0	0	0	0	0	0	0	0
TOTAL	36	4	4	21	3	0	0	68

Figure RSA-2

Collision Diagram
 2013 - 2017
 Collision Data



Crash Data Summary Tables

Nathan Ellis Highway (Route 151) @ Sandwich Road - Falmouth, Massachusetts
01/01/2013 - 12/31/2017

Collision Diagram	Crash Date	Crash Time	Day of Week	Ambient Light	Weather Condition	Road Surface	Operator's Age				Crash Severity	Manner of Collision	Driver Contributing Codes	Detailed Narrative (from Crash Report)
							V1	V2	V3	V4				
1	1/21/2013	12:01 PM	Monday	Daylight	Clear	Dry	N/A	N/A			Property Damage Only	Rear-end	Followed Too Closely	MV1: travelling SB on Sandwich Road; MV2: slowed to turn right onto Route 151 WB lane from Sandwich Road. MV1 rear-ended MV2.
2	5/25/2013	7:48 PM	Saturday	Dusk	Rain	Wet	N/A	N/A			Non-fatal Injury	Head-on	Failure to Yield Right-of-Way	MV1: travelling WB on Route 151; MV2: travelling EB on Route 151. MV2 struck MV1 when MV1 made a left-turn onto Sandwich Road SB lane. MV1 caught on fire.
3	8/17/2013	12:40 PM	Saturday	Daylight	Clear	Dry	N/A	N/A			Property Damage Only	Angled	Failure to Yield Right-of-Way	MV1: travelling EB on Route 151; MV2: travelling WB on Route 151. MV2 attempted to make a left-turn onto Sandwich Road SB lane and collided with MV1.
4	5/6/2014	4:00 PM	Tuesday	Daylight	Clear	Dry	N/A	N/A			Property Damage Only	Sideswipe	Followed Too Closely	MV1 and MV2: travelling WB on Route 151. MV2 travelling behind MV1. MV1 stopped in traffic when it was sideswiped by MV2 that was changing to the left-turn only lane.
5	5/26/2014	2:01 PM	Monday	Daylight	Cloudy	Wet	N/A	N/A			Property Damage Only	Rear-end	Followed Too Closely	MV1: stopped in traffic on Route 151 WB lane at the intersection of Sandwich Road; MV2: travelling WB on Route 151. MV2 was unable to stop in time and rear-ended MV1.
6	5/28/2014	4:29 PM	Wednesday	Daylight	Cloudy	Wet	N/A	N/A			Property Damage Only	Rear-end	Failure to Yield Right-of-Way	MV1 and MV2: attempting to turn right from Sandwich Road NB lane onto Route 151 EB lane. MV1 was behind MV2. MV2 moved to begin merging but stopped again for the oncoming traffic on Route 151 EB lane. MV1 was unable to stop in time and rear-ended MV2.
7	6/22/2014	1:10 AM	Sunday	Dark - Lighted	Clear	Dry	N/A				Non-fatal Injury	Single Vehicle	Erratic / Aggressive / Reckless Driving	MV1: travelling EB on Route 151 while attempting to take a right turn onto Sandwich Road. When MV1 made the turn, MV1 ran over the island, struck the utility pole, signage and the curb on the southeast corner of the intersection.
8	6/22/2014	7:16 AM	Sunday	Daylight	Clear	Dry	N/A	N/A	N/A		Property Damage Only	Rear-end	Inattention / Distracted	MV1: travelling EB on Route 151; MV2 and MV3: stopped on Route 151 EB lane at the intersection of Sandwich Road. MV1 was unable to stop and rear-ended MV3 which pushed MV3 into MV2.
9	6/22/2014	9:49 AM	Sunday	Daylight	Clear	Dry	N/A	N/A			Property Damage Only	Rear-end	Unknown	MV1: stopped in traffic on Route 151 WB lane at the intersection of Sandwich Road; MV2: travelling WB on Route 151. MV2 was unable to stop in time and rear-ended MV1.
10	7/29/2014	7:21 AM	Tuesday	Daylight	Clear	Dry	N/A	N/A			Property Damage Only	Rear-end	Inattention / Distracted	MV1: stopped at the red light on Route 151 WB lane; MV2: travelling WB on Route 151. MV2 did not see the stopped vehicles and rear-ended MV1.
11	9/18/2014	5:19 PM	Thursday	Daylight	Clear	Dry	N/A	N/A			Property Damage Only	Sideswipe	Erratic / Aggressive / Reckless Driving	MV1 and MV2: travelling NB on Sandwich Road. The operator of MV1 noticed MV2 swerving. MV1 pulled to the right but MV2 sideswiped MV1.
12	11/29/2014	4:21 PM	Saturday	Dusk	Cloudy	Dry	N/A	N/A			Non-fatal Injury	Rear-end	Inattention / Distracted	MV1 and MV2: attempting to turn right from Sandwich Road NB lane onto Route 151 EB lane. MV2 was behind MV1. MV1 moved to begin merging but there was a vehicle travelling EB on Route 151. MV1 stopped to yield the right of way vehicle. MV2 was unable to stop and lightly rear-ended MV1.
13	2/19/2015	9:38 AM	Thursday	Daylight	Cloudy	Wet	N/A	N/A			Non-fatal Injury	Angled	Failure to Yield Right-of-Way	MV1: travelling WB on Route 151; MV2: travelling EB on Route 151. MV1 struck MV2 when MV2 made a left-turn onto Sandwich Road.
14	4/17/2015	4:42 PM	Friday	Daylight	Cloudy	Wet	N/A	N/A			Property Damage Only	Rear-end	Followed Too Closely	MV1 and MV2: travelling EB on Route 151. MV1 stopped at the red light and was rear-ended by MV2.
15	6/30/2015	10:13 PM	Tuesday	Dark - Lighted	Clear	Dry	29	56			Property Damage Only	Rear-end	Inattention / Distracted	MV1 and MV2: travelling NB on Sandwich Road and attempting to merge onto Route 151 EB lane. MV1 stopped to check for the oncoming traffic on Route 151 and was rear-ended by MV2.
16	7/9/2015	2:49 PM	Thursday	Daylight	Clear	Dry	52	70			Non-fatal Injury	Angled	Failure to Yield Right-of-Way	MV1: travelling WB on Route 151; MV2: travelling EB on Route 151. MV2 struck MV1 when MV1 made a left-turn onto Sandwich Road SB lane.

Crash Data Summary Tables
Nathan Ellis Highway (Route 151) @ Sandwich Road - Falmouth, Massachusetts
01/01/2013 - 12/31/2017

Collision Diagram	Crash Date	Crash Time	Day of Week	Ambient Light	Weather Condition	Road Surface	Operator's Age				Crash Severity	Manner of Collision	Driver Contributing Codes	Detailed Narrative (from Crash Report)
17	9/29/2015	3:11 PM	Tuesday	Daylight	Clear	Dry	78	39			Non-fatal Injury	Head-on	Failure to Yield Right-of-Way	MV1: travelling EB on Route 151; MV2: travelling WB on Route 151. MV2 attempted to make a left-turn onto Sandwich Road SB lane and collided with MV1.
18	10/6/2015	2:36 PM	Tuesday	Daylight	Clear	Dry	51	40			Property Damage Only	Rear-end	Erratic / Aggressive / Reckless Driving	MV1 and MV2: travelling NB on Sandwich Road and attempting to merge onto Route 151 EB lane. MV1 stopped to yield for the oncoming traffic on Route 151 and was rear-ended by MV2.
19	10/17/2015	8:55 PM	Saturday	Dark - Lighted	Clear	Dry	50	53			Non-fatal Injury	Angled	Failure to Yield Right-of-Way	MV1: attempting to turn left onto Sandwich Road SB lane from Route 151 WB lane; MV2: travelling EB on Route 151. MV2 struck MV1 when MV1 made the turn without yielding.
20	11/10/2015	9:13 AM	Tuesday	Daylight	Clear	Dry	84	56			Property Damage Only	Rear-end	Inattention / Distracted	MV1 and MV2: travelling EB on Route 151. MV1 stopped at the red light and was rear-ended by MV2.
21	12/15/2015	5:13 PM	Tuesday	Dark - Lighted	Clear	Dry	36	35			Property Damage Only	Rear-end	Followed Too Closely	MV1 and MV2: travelling NB on Sandwich Road. MV1 yielded to merge onto Route 151 EB lane and was rear-ended by MV2.
22	1/4/2016	4:22 PM	Monday	Dusk	Rain	Wet	28	35	85		Non-fatal Injury	Angled	Failure to Yield Right-of-Way	MV1: attempting to turn left onto Sandwich Road from Route 151 WB lane; MV2: travelling EB on Route 151; MV3: stopped at the lights on Sandwich Road NB lane. MV2 collided with MV1 when MV1 made the turn. Additionally, MV2 struck MV3.
23	2/26/2016	4:48 PM	Friday	Daylight	Clear	Dry	65	26			Property Damage Only	Rear-end	Inattention / Distracted	MV1 and MV2: travelling NB on Sandwich Road and attempting to merge onto Route 151 EB lane. MV1 stopped to yield for the oncoming traffic on Route 151 and was rear-ended by MV2.
24	3/9/2016	10:22 PM	Wednesday	Dark - Not Lighted	Clear	Dry	21	38			Non-fatal Injury	Rear-end	Other	MV1: stopped at the lights on Route 151 EB lane; MV2: travelling EB on Route 151. MV2 rear-ended MV1.
25	3/10/2016	7:52 PM	Thursday	Dark - Not Lighted	Cloudy	Wet	22	53			Non-fatal Injury	Angled	Failure to Yield Right-of-Way	MV1: travelling WB on Route 151; MV2: travelling EB on Route 151. MV1 struck MV2 when MV2 made a left-turn onto Sandwich Road.
26	5/4/2016	4:45 PM	Wednesday	Daylight	Rain	Wet	56	27			Property Damage Only	Rear-end	Inattention / Distracted	MV1 and MV2: travelling EB on Route 151 side by side. MV1 stopped to allow a vehicle from WB lane turn left. MV2 was in the left lane and attempted to go around the vehicle stopped in front from the right side. MV2 rear-ended MV1.
27	6/30/2016	6:43 PM	Thursday	Daylight	Clear	Dry	55	30			Non-fatal Injury	Rear-end	Followed Too Closely	MV1 and MV2: travelling NB on Sandwich Road and attempting to merge onto Route 151 EB lane. MV1 was stopped and waiting to enter Route 151. MV2 proceeded forward and rear-ended MV1. The operator of MV2 claimed that the accident occurred due to sun glare.
28	7/26/2016	6:46 PM	Tuesday	Daylight	Clear	Dry	29	26			Non-fatal Injury	Rear-end	Inattention / Distracted	MV1 and MV2: travelling EB on Route 151. MV1 stopped at the red light and was rear-ended by MV2.
29	7/27/2016	5:02 PM	Wednesday	Daylight	Clear	Dry	31	48			Property Damage Only	Rear-end	Inattention / Distracted	MV1 and MV2: travelling EB on Route 151. MV1 stopped at the red light and was rear-ended by MV2.
30	8/5/2016	7:53 PM	Friday	Daylight	Clear	Dry	44	62			Property Damage Only	Rear-end	Inattention / Distracted	MV1 and MV2: travelling NB on Sandwich Road and attempting to merge onto Route 151 EB lane. MV1 stopped to yield for the oncoming traffic on Route 151 and was rear-ended by MV2.
31	8/22/2016	4:19 PM	Monday	Daylight	Clear	Dry	59	53			Property Damage Only	Rear-end	Inattention / Distracted	MV1 and MV2: travelling NB on Sandwich Road and attempting to merge onto Route 151 EB lane. MV2 stopped to check for the oncoming traffic on Route 151 and was rear-ended by MV1.
32	8/22/2016	11:32 AM	Monday	Daylight	Clear	Dry	46	57			Property Damage Only	Angled	Failure to Yield Right-of-Way	MV1: travelling WB on Route 151; MV2: travelling EB on Route 151. MV2 struck MV1 when MV1 made a left-turn onto Sandwich Road SB lane.
33	10/25/2016	5:44 PM	Tuesday	Dusk	Clear	Dry	79	61			Property Damage Only	Rear-end	Inattention / Distracted	MV1 and MV2: travelling NB on Sandwich Road and attempting to merge onto Route 151 EB lane. MV2 stopped to yield for the oncoming traffic on Route 151 and was rear-ended by MV1.
34	12/15/2016	1:13 PM	Thursday	Daylight	Clear	Dry	67	37			Non-fatal Injury	Angled	Inattention / Distracted	MV1: travelling EB on Route 151; MV2: travelling WB on Route 151. MV2 attempted to make a left-turn onto Sandwich Road SB lane and collided with MV1.

Crash Data Summary Tables

Nathan Ellis Highway (Route 151) @ Sandwich Road - Falmouth, Massachusetts
01/01/2013 - 12/31/2017

Collision Diagram	Crash Date	Crash Time	Day of Week	Ambient Light	Weather Condition	Road Surface	Operator's Age				Crash Severity	Manner of Collision	Driver Contributing Codes	Detailed Narrative (from Crash Report)
35	3/23/2017	6:22 PM	Thursday	Daylight	Clear	Dry	25	64	50		Property Damage Only	Angled	Made an Improper Turn	MV1: travelling EB on Route 151; MV2: attempting to turn left onto Sandwich Road from Route 151 WB lane; MV3: slowing down at the intersection on Route 151 EB lane. MV1 attempted to pass MV3 on the right and struck by the turning MV2. The collision pushed MV1 into MV3.
36	5/21/2017	3:39 PM	Sunday	Daylight	Clear	Dry	49	78			Non-fatal Injury	Angled	Inattention / Distracted	MV1: travelling EB on Route 151; MV2: attempting to make a left-turn onto Sandwich Road SB lane from Route 151 WB lane. MV1 struck MV2 when MV2 made the turn.
37	6/1/2017	7:37 PM	Thursday	Daylight	Clear	Dry	39	56			Property Damage Only	Rear-end	Inattention / Distracted	MV1 and MV2: travelling NB on Sandwich Road and attempting to merge onto Route 151 EB lane. MV2 stopped to yield for the oncoming traffic on Route 151. MV1 was only looking at the vehicles on Route 151 and not the vehicle in front. MV1 rear-ended MV2.
38	6/30/2017	8:31 AM	Friday	Daylight	Clear	Dry	90	27			Property Damage Only	Angled	Erratic / Aggressive / Reckless Driving	MV1 and MV2: stopped at red light on Route 151 EB lane at the intersection of Sandwich Road. For unknown reasons, MV1 backed up and struck MV2. MV1 left the scene. This is a hit and run crash.
39	7/13/2017	11:05 AM	Thursday	Daylight	Clear	Dry	34	33	40		Property Damage Only	Rear-end	Followed Too Closely	MV1, MV2 and MV3: travelling NB on Sandwich Road and attempting to merge onto Route 151 EB lane. MV3 stopped to yield for the oncoming traffic on Route 151. MV1 rear-ended MV2 pushing MV2 into MV3.
40	8/14/2017	11:51 AM	Monday	Daylight	Clear	Dry	26	19			Property Damage Only	Rear-end	Followed Too Closely	MV1 and MV2: travelling NB on Sandwich Road and attempting to merge onto Route 151 EB lane. MV1 stopped to yield for the oncoming traffic on Route 151 and was rear-ended by MV2.
41	9/8/2017	7:45 AM	Friday	Daylight	Clear	Dry	50	60			Property Damage Only	Angled	No Improper Driving	MV1: travelling EB on Route 151; MV2: travelling WB on Route 151. MV2 attempted to make a left-turn onto Sandwich Road SB lane and collided with MV1.
42	4/5/2013	5:52 PM	Friday	Daylight	Clear	Dry	58	22	48		Non-fatal Injury	Angled	Failure to Yield Right-of-Way	MV1: travelling WB on Route 151; MV2: travelling EB on Route 151; MV3: stopped on Sandwich Road SB lane. MV2 made a left-turn onto Sandwich Road without yielding for MV2. MV1 and MV2 collided. After the initial impact with MV1, MV2 spun and struck MV3.
43	5/23/2013	5:31 PM	Thursday	Dusk	Cloudy	Dry	20	21			Property Damage Only	Angled	Failure to Yield Right-of-Way	MV1: travelling WB on Route 151 attempting to turn left onto Sandwich Road SB lane; MV2: travelling EB on Route 151. MV2 struck MV1 when MV1 made the turn without yielding.
44	10/6/2013	6:46 PM	Sunday	Dark - Lighted	Cloudy	Wet	69	20			Property Damage Only	Rear-end	Followed Too Closely	MV1 and MV2: travelling EB on Route 151. MV1 slowed down to make a left-turn onto Sandwich Road and was rear-ended by MV2.
45	11/22/2013	4:36 PM	Friday	Dark - Lighted	Rain	Wet	35	35			Non-fatal Injury	Head-on	Swerving / Avoiding	MV1: travelling NB on Sandwich Road; MV2: travelling SB on Sandwich Road attempting to turn left onto Route 151. MV2 stopped to left MV1 go. The operator of MV1 thought that MV2 was making the left-turn. MV1 swerved left to go around MV2. Since MV2 was also waiting for MV1 to go, MV1 and MV2 collided head-on at the intersection.
46	5/9/2014	10:41 AM	Friday	Daylight	Cloudy	Dry	61	20			Property Damage Only	Rear-end	Followed Too Closely	MV1 and MV2: travelling NB on Sandwich Road and attempting to merge onto Route 151 EB lane. MV1 stopped to yield for the oncoming traffic on Route 151 and was rear-ended by MV2.
47	6/22/2014	12:18 PM	Sunday	Daylight	Clear	Dry	47	31			Property Damage Only	Rear-end	Inattention / Distracted	MV1 and MV2: travelling NB on Sandwich Road. MV2 stopped at the intersection. MV1 did not stop and rear-ended MV2.
48	12/18/2014	10:05 PM	Thursday	Dark - Not Lighted	Clear	Dry	40	27	49		Property Damage Only	Rear-end	Other	MV1: stopped at the red light on Route 151 EB lane; MV2: travelling EB on Route 151; MV3: travelling NB on Sandwich Road. MV2 did not stop and rear-ended MV1 pushing MV1 into MV3.
49	1/30/2015	10:03 PM	Friday	Dark - Lighted	Snow	Wet	29				Property Damage Only	Single Vehicle	Erratic / Aggressive / Reckless Driving	MV1: travelling SB on Sandwich Road. MV1 went off the road and struck the snow embankment at the southwest corner of the intersection.
50	7/15/2015	4:53 PM	Wednesday	Daylight	Clear	Dry	71	33			Non-fatal Injury	Rear-end	Inattention / Distracted	MV1 and MV2: travelling EB on Route 151. MV1 slowed or stopped in traffic and was rear-ended by MV2.

Crash Data Summary Tables
Nathan Ellis Highway (Route 151) @ Sandwich Road - Falmouth, Massachusetts
01/01/2013 - 12/31/2017

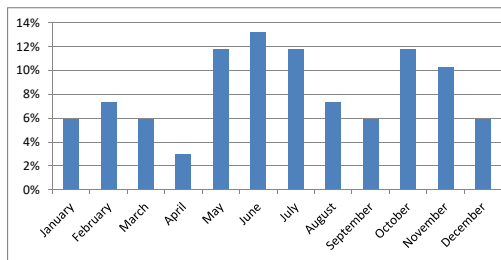
Collision Diagram	Crash Date	Crash Time	Day of Week	Ambient Light	Weather Condition	Road Surface	Operator's Age				Crash Severity	Manner of Collision	Driver Contributing Codes	Detailed Narrative (from Crash Report)
51	7/17/2015	8:20 AM	Friday	Daylight	Clear	Dry	65	54			Property Damage Only	Rear-end	Other	MV1: stopped on Route 151 WB lane; MV2: travelling WB on Route 151. MV2 did not stop and rear-ended MV1.
52	9/19/2015	7:44 PM	Saturday	Dark - Lighted	Clear	Dry	73	22			Property Damage Only	Rear-end	Unknown	MV1 and MV2: stopped at red light on Route 151 EB lane at the intersection of Sandwich Road. MV1 backed up and struck MV2. The operator of MV1 stated MV1 was too far over the STOP-bar and that's the reason for backing up.
53	10/17/2015	8:36 PM	Saturday	Dark - Lighted	Clear	Dry	85	23			Property Damage Only	Sideswipe	Made an Improper Turn	MV1 and MV2: travelling WB on Route 151. MV2 turned right from the left-turn only lane onto Sandwich Road and collided with MV1 in the process.
54	10/22/2015	11:59 AM	Thursday	Daylight	Clear	Dry	72	38			Property Damage Only	Rear-end	Followed Too Closely	MV1 and MV2: travelling NB on Sandwich Road and attempting to merge onto Route 151 EB lane. MV1 stopped to yield for the oncoming traffic on Route 151 and was rear-ended by MV2.
55	10/29/2015	6:56 PM	Thursday	Dusk	Clear	Dry	51	72			Non-fatal Injury	Angled	Inattention / Distracted	MV1: travelling EB on Route 151; MV2: attempting to turn left onto Sandwich Road from Route 151 WB lane. MV2 made the turn without yielding and collided with MV1.
56	3/16/2016	4:56 PM	Wednesday	Daylight	Clear	Dry	24	70			Property Damage Only	Rear-end	Inattention / Distracted	MV1 and MV2: travelling NB on Sandwich Road and attempting to merge onto Route 151 EB lane. MV2 stopped to yield for the oncoming traffic on Route 151 and was rear-ended by MV1.
57	11/13/2016	11:55 AM	Sunday	Daylight	Clear	Dry	67	91			Non-fatal Injury	Angled	Disregarded Traffic Controls	MV1: travelling EB on Route 151; MV2: travelling SB on Sandwich Road. MV2 ran the red light and struck MV1.
58	11/16/2016	5:08 PM	Wednesday	Dusk	Clear	Dry	59	27			Property Damage Only	Angled	Failure to Yield Right-of-Way	MV1: travelling NB on Sandwich Road; MV2: travelling SB on Sandwich Road attempting to turn left onto Route 151. MV2 made the turn without yielding and struck MV1.
59	11/24/2016	9:54 PM	Thursday	Dark - Not Lighted	Rain	Wet	27				Property Damage Only	Single Vehicle	No Improper Driving	MV1: travelling EB on Route 151. Just west of the intersection, a deer ran out onto the roadway. MV1 was unable to stop on time and struck the deer.
60	1/15/2017	12:27 PM	Sunday	Daylight	Clear	Dry	56	91			Property Damage Only	Angled	Failure to Yield Right-of-Way	MV1: travelling EB on Route 151; MV2: attempting to turn left onto Sandwich Road from Route 151 WB lane. MV2 made the turn without yielding and collided with MV1.
61	2/3/2017	8:37 AM	Friday	Daylight	Clear	Dry	47	50			Property Damage Only	Rear-end	Inattention / Distracted	MV1 and MV2: travelling NB on Sandwich Road and attempting to merge onto Route 151 EB lane. MV2 stopped to yield for the oncoming traffic on Route 151 and was rear-ended by MV1.
62	2/3/2017	4:04 PM	Friday	Daylight	Clear	Dry	35	49			Property Damage Only	Rear-end	Inattention / Distracted	MV1 and MV2: travelling NB on Sandwich Road and attempting to merge onto Route 151 EB lane. MV1 stopped to yield for the oncoming traffic on Route 151 and was rear-ended by MV2.
63	2/9/2017	7:00 AM	Thursday	Daylight	Cloudy	Dry	40	47			Property Damage Only	Angled	Failure to Yield Right-of-Way	MV1: waiting to turn left onto Sandwich Road from Route 151 WB lane; MV2: waiting at the lights to travel EB on Route 151. When the lights turn green, MV1 made the turn without yielding and got struck by MV2.
64	6/18/2017	10:22 AM	Sunday	Daylight	Rain	Wet	56	54			Property Damage Only	Angled	Disregarded Traffic Controls	MV1: travelling EB on Route 151; MV2: travelling NB on Sandwich Road. MV1 ran the red light and struck MV2.
65	7/27/2017	6:27 PM	Thursday	Daylight	Cloudy	Wet	20	57	60		Property Damage Only	Head-on	No Improper Driving	MV1: travelling EB on Route 151; MV2: turning left from Route 151 WB lane onto Sandwich Road; MV3: stopped at red light on Sandwich Road NB lane. MV1 struck MV2 at the intersection. MV1 then continued and struck MV3.
66	10/4/2017	6:01 PM	Wednesday	Daylight	Clear	Dry	67	21			Property Damage Only	Rear-end	Followed Too Closely	MV1 and MV2: travelling NB on Sandwich Road and attempting to merge onto Route 151 EB lane. MV1 stopped to yield for the oncoming traffic on Route 151 and was rear-ended by MV2.
67	11/4/2017	11:55 AM	Saturday	Daylight	Clear	Dry	27	19			Property Damage Only	Angled	Failure to Yield Right-of-Way	MV1: travelling NB on Sandwich Road; MV2: attempting to turn left onto Route 151 from Sandwich Road SB lane. MV2 made the turn without yielding and got struck by MV1.
68	12/25/2017	7:36 PM	Monday	Dark - Lighted	Clear	Dry	38	24			Property Damage Only	Sideswipe	Erratic / Aggressive / Reckless Driving	MV1: turning right onto Route 151 from Sandwich Road SB lane; MV2: stopped at the red light on Route 151 EB lane. MV1 failed to negotiate the turn properly, crossed the centerline and struck MV2.

Crash Data Summary Tables
Nathan Ellis Highway (Route 151) @ Sandwich Road - Falmouth, Massachusetts
01/01/2013 - 12/31/2017

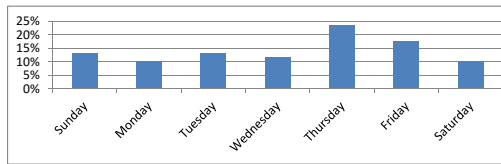
Route 151 @ Sandwich Road

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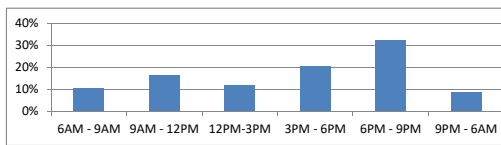
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January	4	6%
February	5	7%
March	4	6%
April	2	3%
May	8	12%
June	9	13%
July	8	12%
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September	4	6%
October	8	12%
November	7	10%
December	4	6%



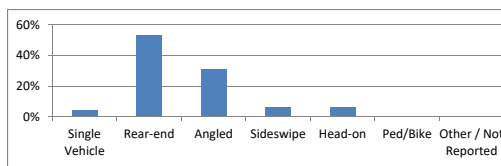
Day of Week	#	%
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Monday	7	10%
Tuesday	9	13%
Wednesday	8	12%
Thursday	16	24%
Friday	12	18%
Saturday	7	10%



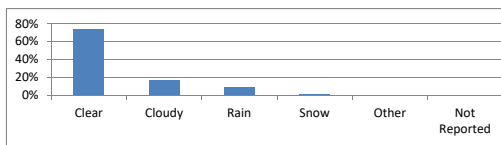
Time of Day	#	%
6AM - 9AM	7	10%
9AM - 12PM	11	16%
12PM-3PM	8	12%
3PM - 6PM	14	21%
6PM - 9PM	22	32%
9PM - 6AM	6	9%



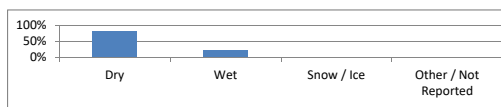
Manner of Collision	#	%
Single Vehicle	3	4%
Rear-end	36	53%
Angled	21	31%
Sideswipe	4	6%
Head-on	4	6%
Ped/Bike	0	0%
Other / Not Reported	0	0%



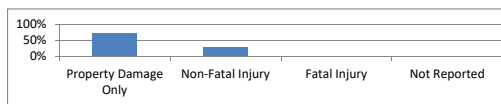
Weather Conditions	#	%
Clear	50	74%
Cloudy	11	16%
Rain	6	9%
Snow	1	1%
Other	0	0%
Not Reported	0	0%



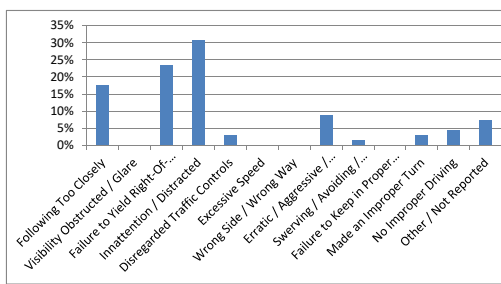
Road Surface	#	%
Dry	54	79%
Wet	14	21%
Snow / Ice	0	0%
Other / Not Reported	0	0%



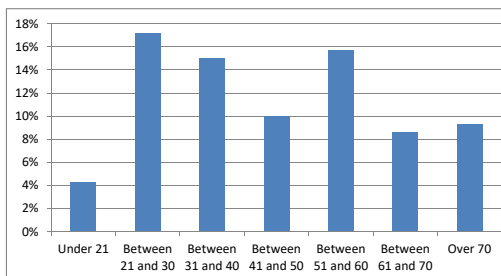
Crash Severity	#	%
Property Damage Only	49	72%
Non-Fatal Injury	19	28%
Fatal Injury	0	0%
Not Reported	0	0%



Main Contributing Factor from Narrative	#	%
Following Too Closely	12	18%
Visibility Obstructed / Glare	0	0%
Failure to Yield Right-Of-Way	16	24%
Inattention / Distracted	21	31%
Disregarded Traffic Controls	2	3%
Excessive Speed	0	0%
Wrong Side / Wrong Way	0	0%
Erratic / Aggressive / Reckless Driving	6	9%
Swerving / Avoiding / Over-Steering / Over-Correcting	1	1%
Failure to Keep in Proper Lane	0	0%
Made an Improper Turn	2	3%
No Improper Driving	3	4%
Other / Not Reported	5	7%



Age	#	%
Under 21	6	4%
Between 21 and 30	24	17%
Between 31 and 40	21	15%
Between 41 and 50	14	10%
Between 51 and 60	22	16%
Between 61 and 70	12	9%
Over 70	13	9%



INTERSECTION CRASH RATE WORKSHEET

CITY/TOWN : Falmouth COUNT DATE : _____

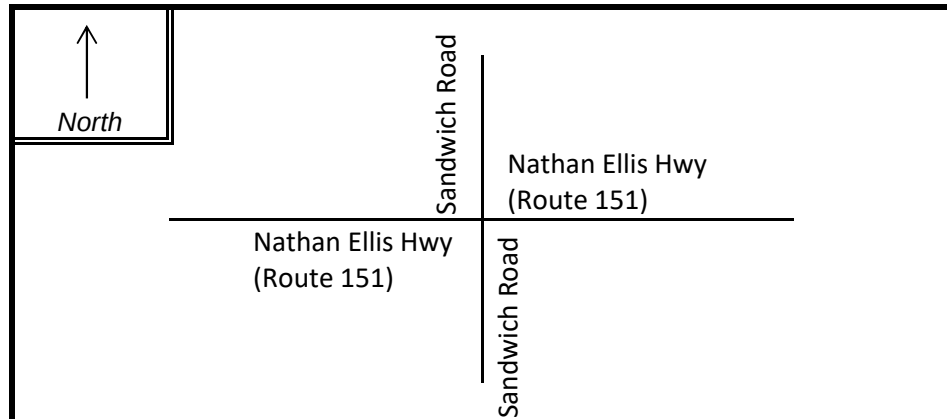
DISTRICT : 5 UNSIGNALIZED : SIGNALIZED :

~ INTERSECTION DATA ~

MAJOR STREET : Nathan Ellis Highway (Route 151)

MINOR STREET(S) : Sandwich Road

**INTERSECTION
DIAGRAM**
(Label Approaches)



PEAK HOUR VOLUMES

APPROACH :	1	2	3	4	5	Total Peak Hourly Approach Volume
DIRECTION :	EB	WB	NB	SB		
PEAK HOURLY VOLUMES (PM) :	734	686	438	98		1,956

"K" FACTOR :

0.088

INTERSECTION ADT (V) = TOTAL DAILY APPROACH VOLUME :

22,227

TOTAL # OF CRASHES :

68

OF YEARS :

5

AVERAGE # OF CRASHES PER YEAR (A) :

13.60

CRASH RATE CALCULATION :

1.68

RATE = $\frac{(A * 1,000,000)}{(V * 365)}$

Comments : "K" value obtained from ADT conducted along Route 151 west of Currier Road

Project Title & Date: T0771 - Nathan Ellis Highway (Route 151) Corridor Safety Improvements 04/26/2018



Not to Scale

Nathan Ellis Highway (Route 151) Corridor Safety Improvements - Falmouth, MA Road Safety Audit

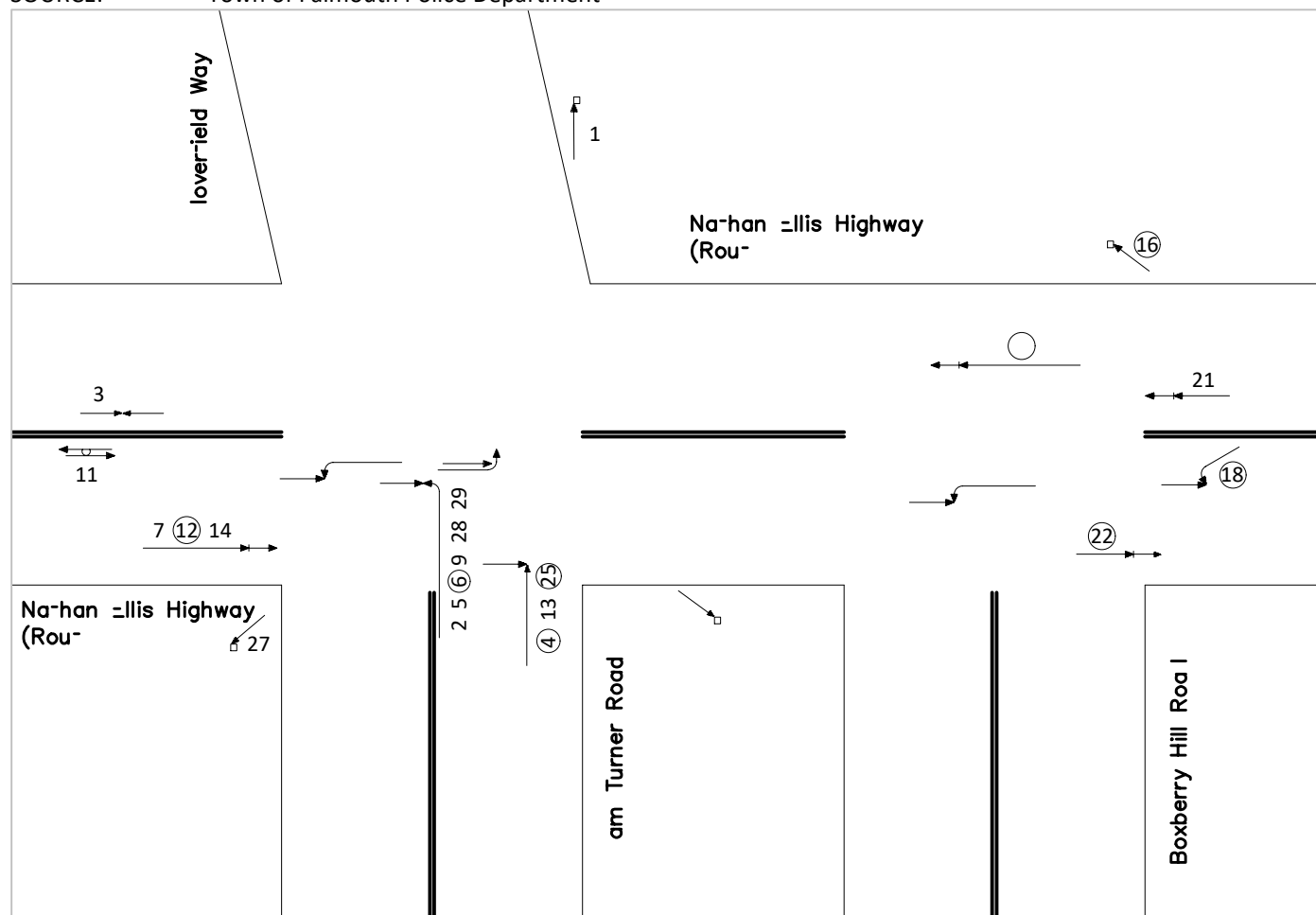
LOCATION: Nathan Ellis Highway (Route 151) @ Sam Turner Road / Cloverfield Way
Nathan Ellis Highway (Route 151) @ Boxberry Hill Road

CITY/STATE: Falmouth, Massachusetts

TIME PERIOD: 2013 - 2017

PREPARED BY: TEC, Inc. / Eindra (Elena) Aung, E.I.T.

SOURCE: Town of Falmouth Police Department



LEGEND						SHOW FOR COLLISION		
	VEHICLE PATH		HEAD-ON COLLISION		FIXED OBJECT	1. Approximate location of collision, 2. Direction of collision, 3. Type of collision and vehicles involved, 4. Time, Day, Date 5. Any other pertinent factors mentioned on the report. NOTE: Shaded number indicates crash occurred under "nighttime" conditions.		
	BACKING VEHICLE		ANGLED COLLISION		MOVEABLE OBJECT			
	SIDESWIPE COLLISION		FIXED OBJECT COLLISION		PARKED VEHICLE			
	PEDESTRIAN COLLISION		OVERTURNED VEHICLE		PERSONAL INJURY			
	CYCLIST COLLISION		OUT-OF-CONTROL VEHICLE		FATALITY			
	REAR-END COLLISION				ANIMAL			
SUMMARY OF CRASHES ON DIAGRAM <i>[no fatal collisions]</i>								
	REAR-END	SIDESWIPE	HEAD-ON	ANGLED	SINGLE VEH	PED/BIKE	OTHER / UNK	TOTAL
PROPERTY DAMAGE ONLY	2	2	1	8	3	0	0	16
NON-FATAL INJURY	6	0	0	6	1	0	0	13
UNKNOWN / NOT REPORTED	0	0	0	0	0	0	0	0
TOTAL	8	2	1	14	4	0	0	29

Figure RSA-3

Collision Diagram
2013 - 2017
Collision Data



Crash Data Summary Tables
Nathan Ellis Highway (Route 151) @ Sam Turner Road and Cloverfield Way- Falmouth, Massachusetts
Nathan Ellis Highway (Route 151) @ Boxberry Hill Road - Falmouth, Massachusetts
01/01/2013 - 12/31/2017

Collision Diagram	Crash Date	Crash Time	Day of Week	Ambient Light	Weather Condition	Road Surface	Operator's Age				Crash Severity	Manner of Collision	Driver Contributing Codes	Detailed Narrative (from Crash Report)
							V1	V2	V3	V4				
1	6/11/2013	4:26 AM	Tuesday	Dark - Unknown	Rain	Dry	N/A				Property Damage Only	Single Vehicle	Inattention / Distracted	MV1: travelling NB on Sam Turner Road. MV1 failed to stop at the STOP-sign at the intersection of Route 151. MV1 travelled across Route 151 and came to rest on top of a boulder at the beginning of Cloverfield Way (northeast corner of the intersection).
2	7/27/2013	9:16 AM	Saturday	Daylight	Clear	Dry	N/A	N/A			Property Damage Only	Angled	Failure to Yield Right-of-Way	MV1: attempting to turn left onto Route 151 WB lane from Sam Turner Road; MV2: travelling EB on Route 151. When MV1 entered the intersection, MV2 could not stop in time and struck MV1.
3	11/26/2014	5:35 PM	Wednesday	Dark - Not Lighted	Rain	Wet	N/A	N/A			Property Damage Only	Head-on	Failure to Keep in Proper Lane	MV1: travelling EB on Route 151; MV2: travelling WB on Route 151. MV1 crossed the centerline into WB lane. MV2 was unable to avoid MV1 and collided with MV1.
4	12/24/2014	4:18 PM	Wednesday	Dark - Lighted	Rain	Wet	N/A	N/A			Non-fatal Injury	Angled	Unknown	Mv1: travelling EB on Route 151 behind a vehicle turning right onto Sam Turner Road; MV2: attempting to travel straight through from Sam Turner Road NB lane to Cloverfield Way. MV1 went around the right turning vehicle in front. MV2 pulled into the intersection and collided with MV1.
5	2/7/2015	9:59 PM	Saturday	Dark - Not Lighted	Clear	Dry	N/A	N/A			Property Damage Only	Angled	Erratic / Aggressive / Reckless Driving	MV1: travelling EB on Route 151; MV2: attempting to take a left out of Sam Turner Road. MV1 collided with MV2 when MV2 made the turn.
6	2/18/2015	4:47 PM	Wednesday	Daylight	Cloudy	Wet	N/A	N/A			Non-fatal Injury	Angled	Failure to Yield Right-of-Way	MV1: travelling EB on Route 151; MV2: attempting to take a left out of Sam Turner Road. MV1 collided with MV2 when MV2 made the turn.
7	3/5/2015	7:14 AM	Thursday	Daylight	Cloudy	Snow	N/A	N/A	N/A		Property Damage Only	Rear-end	Followed Too Closely	MV1: attempting to turn right onto Sam Turner Road; MV2: travelling EB on Route 151; MV3: stopped on Sam Turner Road at the intersection. MV2 rear-ended MV1 pushing MV1 into MV3.
8	4/14/2015	8:58 AM	Tuesday	Daylight	Cloudy	Dry	N/A	N/A			Property Damage Only	Sideswipe	Failure to Keep in Proper Lane	MV1: stopped on Route 151 EB lane waiting to turn left onto Cloverfield Way; MV2: travelling EB on Route 151 behind MV1. MV2 passed MV1 on its left side and collided with MV1 when MV1 made the turn.
9	6/12/2015	5:32 PM	Friday	Daylight	Clear	Dry	34	20			Property Damage Only	Angled	Failure to Yield Right-of-Way	MV1: travelling EB on Route 151; MV2: stopped on Sam Turner Road attempting to turn left onto Route 151 WB lane. MV1 struck MV2 when MV2 made the turn without yielding for MV1.
10	8/28/2015	4:35 PM	Friday	Daylight	Clear	Dry	37	20			Non-fatal Injury	Rear-end	Followed Too Closely	MV1: stopped in traffic on Route 151 WB lane as the vehicle in front is attempting to turn left onto Sam Turner Road; MV2: travelling WB on Route 151. MV2 was unable to stop in time and rear-ended MV1.
11	9/9/2016	8:27 PM	Friday	Dark - Lighted	Clear	Dry	52	32			Property Damage Only	Sideswipe	Inattention / Distracted	MV1: travelling EB on Route 151; MV2: travelling WB on Route 151. MV2 crossed the centerline into EB lane. MV1 was unable to avoid MV2 and collided with MV2.
12	1/12/2017	8:55 AM	Thursday	Daylight	Clear	Wet	24	38			Non-fatal Injury	Rear-end	Followed Too Closely	MV1 and MV2: travelling EB on Route 151. MV2 was slowing down to stop in traffic at the intersection and was rear-ended by MV1.
13	8/3/2017	11:07 AM	Thursday	Daylight	Clear	Dry	19	71			Property Damage Only	Angled	Failure to Yield Right-of-Way	MV1: travelling EB on Route 151; MV2: travelling NB on Sam Turner Road. MV2 entered the intersection and was struck by MV1.
14	10/22/2017	12:02 PM	Sunday	Daylight	Clear	Dry	75	52			Property Damage Only	Rear-end	Followed Too Closely	MV1 and MV2: travelling EB on Route 151. MV1 slowed/stopped for traffic at the intersection of Sam Turner Road and was rear-ended by MV2.
15	11/29/2017	12:10 PM	Wednesday	Daylight	Clear	Dry	62	41			Non-fatal Injury	Angled	Failure to Yield Right-of-Way	MV1: travelling WB on Route 151; MV2: travelling EB on Route 151 towing a trailer. MV1 made a left-turn onto Sam Turner Road without yielding and collided with MV1. Due to the crash, MV2 and its trailer rolled over and came to rest on its side.

Crash Data Summary Tables
Nathan Ellis Highway (Route 151) @ Sam Turner Road and Cloverfield Way- Falmouth, Massachusetts
Nathan Ellis Highway (Route 151) @ Boxberry Hill Road - Falmouth, Massachusetts
01/01/2013 - 12/31/2017

Collision Diagram	Crash Date	Crash Time	Day of Week	Ambient Light	Weather Condition	Road Surface	Operator's Age				Crash Severity	Manner of Collision	Driver Contributing Codes	Detailed Narrative (from Crash Report)
16	6/6/2013	5:21 PM	Thursday	Daylight	Clear	Dry	N/A				Non-fatal Injury	Single Vehicle	Inattention / Distracted	MC1 (motorcycle): travelling WB on Route 151. A vehicle in front stopped abruptly to make a left-turn onto Boxberry Hill Road. MC1 swerved right to avoid an accident. While doing so, another vehicle attempted to go around the stopped vehicle. MC1 had to go off road and had to lay the motorcycle down.
17	4/5/2014	1:13 AM	Saturday	Dark - Lighted	Rain	Wet	N/A				Property Damage Only	Single Vehicle	Erratic / Aggressive / Reckless Driving	MV1: travelling EB on Route 151. MV1 veered off the right side of road striking two guide wires just west of Sam Turner Road. MV1 continued travelling, flipped over due to the embankment and landed on its roof on Boxberry Hill Road.
18	7/6/2014	2:14 PM	Sunday	Daylight	Clear	Dry	N/A	N/A			Non-fatal Injury	Angled	Made an Improper Turn	MV1: travelling EB on Route 151; MV2: travelling WB on Route 151. MV2 made a U-turn just east of Boxberry Hill Road and collided with MV1.
19	6/30/2015	8:52 PM	Tuesday	Dark - Lighted	Clear	Dry	48	76	30		Non-fatal Injury	Angled	Failure to Yield Right-of-Way	MV1: stopped at the STOP-sign on Boxberry Hill Road NB lane; MV2: travelling WB on Route 151 attempting to turn left onto Boxberry Hill Road; MV3: travelling EB on Route 151. MV3 struck MV2 when MV2 made the turn without yielding. The collision pushed MV2 into MV1.
20	10/1/2015	5:46 PM	Thursday	Daylight	Rain	Wet	45	38			Property Damage Only	Angled	Failure to Yield Right-of-Way	MV1: travelling WB on Route 151; MV2: travelling EB on Route 151. MV1 made a left-turn onto Boxberry Hill Road SB lane without yielding and strick MV2.
21	5/31/2016	5:40 PM	Tuesday	Daylight	Clear	Dry	55	23			Property Damage Only	Rear-end	Followed Too Closely	MV1: stopped on Route 151 WB lane waiting to turn left onto Boxberry Hill Road; MV2: travelling WB on Route 151. MV2 rear-ended MV1.
22	2/10/2017	2:45 PM	Friday	Daylight	Clear	Wet	81	54			Non-fatal Injury	Rear-end	Failure to Yield Right-of-Way	MV1: pulling onto Route 151 EB lane from Boxberry Hill Road; MV2: travelling EB on Rout 151. MV1 did not stop before entering the intersection and was struck by MV2.
23	5/25/2017	7:08 AM	Thursday	Daylight	Rain	Wet	22	17			Non-fatal Injury	Rear-end	Erratic / Aggressive / Reckless Driving	MV1 and MV2: travelling WB on Route 151. MV1 stopped due to the vehicle in front. MV2 failed to stop and rear-ended MV1.
24	9/22/2017	7:03 AM	Friday	Dusk	Cloudy	Wet	16	37			Non-fatal Injury	Rear-end	Inattention / Distracted	MV1 and MV2: travelling WB on Route 151. MV2 slowed down and came to a stop duw to a school bus at the intersection of Cloverfield Way. MV1 was not paying attention to the road and struck MV2.
25	9/28/2016	10:43 AM	Wednesday	Daylight	Clear	Wet	61	69			Non-fatal Injury	Angled	Inattention / Distracted	MV1: travelling EB on Route 151; MV2: travelling NB on Sam Turner Road. MV2 entered the intersection and was struck by MV1.
26	12/5/2016	12:09 PM	Monday	Daylight	Cloudy	Wet	31	89			Non-fatal Injury	Angled	Failure to Yield Right-of-Way	MV1: travelling EB on Route 151; MV2: attempting to make a left-turn onto Sam Turner Road from Route 151 WB lane. MV1 struck MV2 when MV2 made the turn without yielding.
27	12/8/2016	1:35 PM	Thursday	Daylight	Clear	Dry	28				Property Damage Only	Single Vehicle	Other	MV1: travelling WB on Route 151. MV1 left the roadway and made contact with the utility pole on the southwest corner of the intersection.
28	12/25/2016	5:49 AM	Sunday	Dark - Not Lighted	Clear	Dry	N/A	36			Property Damage Only	Angled	Disregarded Traffic Controls	MV1: travelling NB on Sam Turner Road; MV2: travelling EB on Route 151. MV1 failed to stop at the STOP-sign and began to make a left-turn onto Route 151. MV2 struck MV1. MV1 fled the scene.
29	10/16/2017	6:10 PM	Monday	Dark - Lighted	Clear	Dry	24	77			Property Damage Only	Angled	Inattention / Distracted	MV1: travelling NB on Sam Turner Road; MV2: travelling EB on Route 151. MV1 pulled out from Sam Turner Road and got struck by MV2.

Crash Data Summary Tables

Nathan Ellis Highway (Route 151) @ Sam Turner Road and Cloverfield Way- Falmouth, Massachusetts

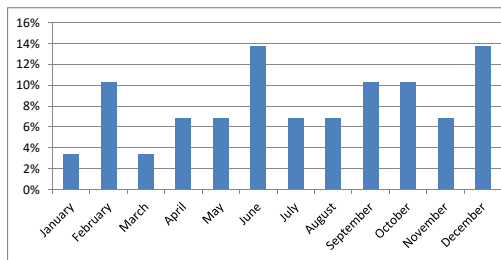
Nathan Ellis Highway (Route 151) @ Boxberry Hill Road - Falmouth, Massachusetts

01/01/2013 - 12/31/2017

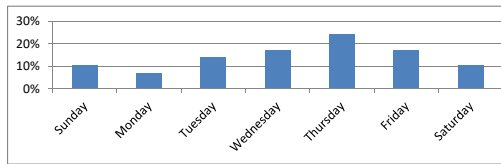
Route 151 @ Sam Turner Road and Cloverfield Way

29

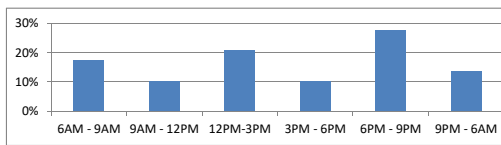
Month	#	%
January	1	3%
February	3	10%
March	1	3%
April	2	7%
May	2	7%
June	4	14%
July	2	7%
August	2	7%
September	3	10%
October	3	10%
November	2	7%
December	4	14%



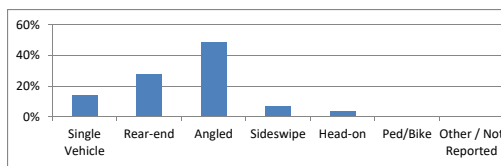
Day of Week	#	%
Sunday	3	10%
Monday	2	7%
Tuesday	4	14%
Wednesday	5	17%
Thursday	7	24%
Friday	5	17%
Saturday	3	10%



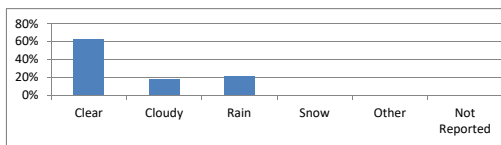
Time of Day	#	%
6AM - 9AM	5	17%
9AM - 12PM	3	10%
12PM-3PM	6	21%
3PM - 6PM	3	10%
6PM - 9PM	8	28%
9PM - 6AM	4	14%



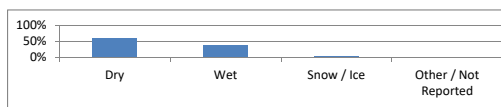
Manner of Collision	#	%
Single Vehicle	4	14%
Rear-end	8	28%
Angled	14	48%
Sideswipe	2	7%
Head-on	1	3%
Ped/Bike	0	0%
Other / Not Reported	0	0%



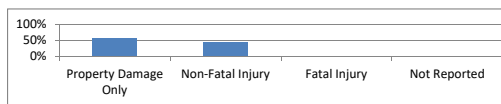
Weather Conditions	#	%
Clear	18	62%
Cloudy	5	17%
Rain	6	21%
Snow	0	0%
Other	0	0%
Not Reported	0	0%



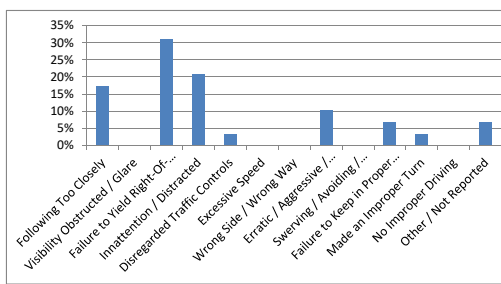
Road Surface	#	%
Dry	17	59%
Wet	11	38%
Snow / Ice	1	3%
Other / Not Reported	0	0%



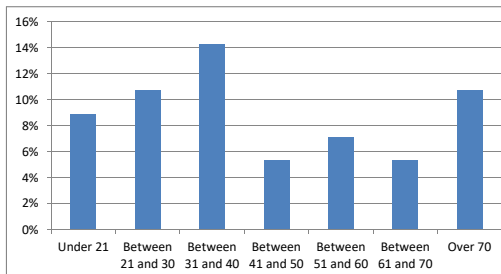
Crash Severity	#	%
Property Damage Only	16	55%
Non-Fatal Injury	13	45%
Fatal Injury	0	0%
Not Reported	0	0%



Main Contributing Factor from Narrative	#	%
Following Too Closely	5	17%
Visibility Obstructed / Glare	0	0%
Failure to Yield Right-Of-Way	9	31%
Inattention / Distracted	6	21%
Disregarded Traffic Controls	1	3%
Excessive Speed	0	0%
Wrong Side / Wrong Way	0	0%
Erratic / Aggressive / Reckless Driving	3	10%
Swerving / Avoiding / Over-Steering / Over-Correcting	0	0%
Failure to Keep in Proper Lane	2	7%
Made an Improper Turn	1	3%
No Improper Driving	0	0%
Other / Not Reported	2	7%



Age	#	%
Under 21	5	9%
Between 21 and 30	6	11%
Between 31 and 40	8	14%
Between 41 and 50	3	5%
Between 51 and 60	4	7%
Between 61 and 70	3	5%
Over 70	6	11%



INTERSECTION CRASH RATE WORKSHEET

CITY/TOWN : Falmouth COUNT DATE : _____

DISTRICT : 5 UNSIGNALIZED : ☐ Y ☐ SIGNALIZED : ☐ N ☐

~ INTERSECTION DATA ~

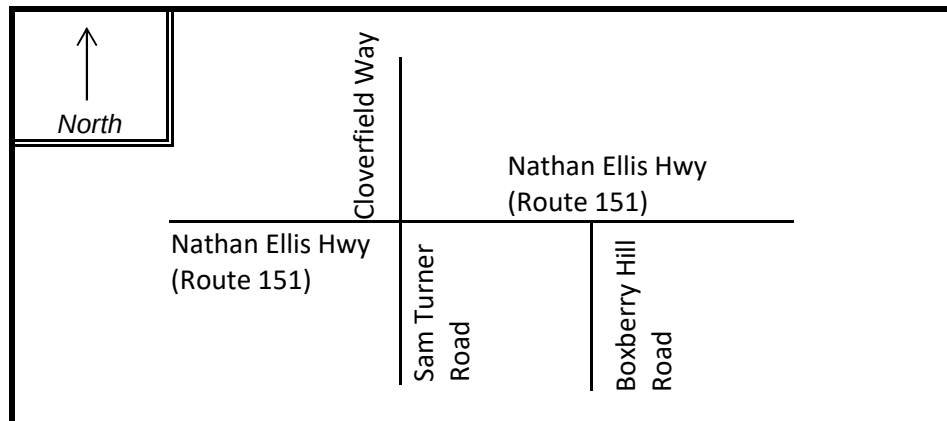
MAJOR STREET : Nathan Ellis Highway (Route 151)

MINOR STREET(S) : Sam Turner Road

Cloverfield Way

Boxberry Hill Road

**INTERSECTION
DIAGRAM**
(Label Approaches)



PEAK HOUR VOLUMES

APPROACH :	1	2	3	4	5	Total Peak Hourly Approach Volume
DIRECTION :	EB	WB	NB	SB		
PEAK HOURLY VOLUMES (PM) :	826	561	49	9		1,445

"K" FACTOR :

0.088

INTERSECTION ADT (V) = TOTAL DAILY APPROACH VOLUME :

16,420

TOTAL # OF CRASHES :

29

OF YEARS :

5

AVERAGE # OF CRASHES PER YEAR (A) :

5.80

CRASH RATE CALCULATION :

0.97

$$\text{RATE} = \frac{(A * 1,000,000)}{(V * 365)}$$

Comments : "K" value obtained from ADT conducted along Route 151 east of Sam Turner Road

Project Title & Date: T0771 - Nathan Ellis Highway (Route 151) Corridor Safety Improvements 04/26/2018

Appendix D. Additional Information

Nathan Ellis Highway (Route 151)
east of Sam Turner Road
City, State: Falmouth, MA
Client: TEC/ L. Oltman



186123 A Volume
Site Code: T0771

Start	WB		EB		Combined		03/09/18
Time	A.M.	P.M.	A.M.	P.M.	A.M.	P.M.	Fri
12:00	*	81	*	123	*	204	
12:15	*	127	*	102	*	229	
12:30	*	117	*	111	*	228	
12:45	*	130	455	*	122	458	913
01:00	*	109		*	108		217
01:15	*	109		*	111		220
01:30	*	128		*	124		252
01:45	*	129	475	*	104	447	922
02:00	*	116		*	123		239
02:15	*	123		*	118		241
02:30	*	148		*	110		258
02:45	*	120	507	*	136	487	994
03:00	*	138		*	158		296
03:15	*	155		*	140		295
03:30	*	134		*	162		296
03:45	*	139	566	*	137	597	1163
04:00	*	157		*	193		350
04:15	*	170		*	182		352
04:30	*	145		*	191		336
04:45	*	144	616	*	184	750	1366
05:00	*	130		*	198		328
05:15	*	124		*	191		315
05:30	*	123		*	181		304
05:45	*	117	494	*	128	698	1192
06:00	*	97		*	170		267
06:15	*	73		*	135		208
06:30	*	81		*	128		209
06:45	*	68	319	*	105	538	857
07:00	*	72		*	97		169
07:15	*	81		*	77		158
07:30	*	52		*	51		103
07:45	*	47	252	*	75	300	552
08:00	*	40		*	73		113
08:15	*	36		*	54		90
08:30	*	42		*	75		117
08:45	*	68	186	*	50	252	438
09:00	*	55		*	51		106
09:15	*	55		*	61		116
09:30	*	32		*	56		88
09:45	*	55	197	*	54	222	419
10:00	*	34		*	63		97
10:15	*	29		*	31		60
10:30	*	23		*	34		57
10:45	*	25	111	*	29	157	268
11:00	*	25		*	19		44
11:15	*	21		*	29		50
11:30	*	11		*	18		29
11:45	*	12	69	*	18	84	153
Total	0	4247	0	4990	0	9237	
Percent	0.0%	46.0%	0.0%	54.0%			
Day Total		4247		4990		9237	
Peak	-	04:00	-	04:30	-	04:00	-
Vol.	-	616	-	764	-	1366	-
P.H.F.		0.906		0.965		0.970	

Nathan Ellis Highway (Route 151)
east of Sam Turner Road
City, State: Falmouth ,MA
Client: TEC/ L. Oltman



186123 A Volume
Site Code: T0771

Start	WB		EB		Combin ed		03/10/18
Time	A.M.	P.M.	A.M.	P.M.	A.M.	P.M.	Sat
12:00	7	144	12	94	19	238	
12:15	9	152	19	112	28	264	
12:30	6	137	10	112	16	249	
12:45	9	128	16	104	25	232	983
01:00	8	163	6	121	14	284	
01:15	13	149	7	110	20	259	
01:30	6	138	7	109	13	247	
01:45	3	129	4	129	7	258	1048
02:00	4	157	6	98	10	255	
02:15	6	140	8	156	14	296	
02:30	5	161	2	103	7	264	
02:45	2	130	5	114	7	244	1059
03:00	6	119	4	124	10	243	
03:15	6	146	5	107	11	253	
03:30	6	164	6	123	12	287	
03:45	5	139	9	97	14	236	1019
04:00	6	131	3	100	9	231	
04:15	5	106	5	113	10	219	
04:30	10	112	7	111	17	223	
04:45	7	122	2	110	9	232	905
05:00	9	105	3	119	12	224	
05:15	17	106	8	114	25	220	
05:30	24	90	10	125	34	215	
05:45	24	103	11	95	35	198	857
06:00	26	89	7	104	33	193	
06:15	41	90	26	117	67	207	
06:30	49	90	41	84	90	174	
06:45	78	70	41	96	119	166	740
07:00	62	64	40	77	102	141	
07:15	84	75	60	67	144	142	
07:30	101	55	72	61	173	116	
07:45	101	58	65	48	166	106	505
08:00	87	42	73	57	160	99	
08:15	109	41	83	73	192	114	
08:30	80	42	111	61	191	103	
08:45	123	49	101	42	224	91	407
09:00	111	44	79	46	190	90	
09:15	127	46	97	60	224	106	
09:30	111	36	86	61	197	97	
09:45	127	42	92	47	219	89	382
10:00	107	31	112	43	219	74	
10:15	138	25	124	31	262	56	
10:30	149	38	130	35	279	73	
10:45	152	21	130	39	282	60	263
11:00	130	27	129	29	259	56	
11:15	134	17	116	34	250	51	
11:30	145	14	101	16	246	30	
11:45	165	11	129	17	294	28	165
Total	2740	4288	2220	4045	4960	8333	
Percent	55.2%	51.5%	44.8%	48.5%			
Day Total		7028		6265		13293	
Peak	11:00	-	02:00	-	10:15	-	01:45
Vol.	574	-	588	-	513	-	1073
P.H.F.	0.870	-	0.913	-	0.987	-	0.906

Nathan Ellis Highway (Route 151)
east of Sam Turner Road
City, State: Falmouth ,MA
Client: TEC/ L. Oltman



186123 A Volume
Site Code: T0771

Start	WB		EB		Combin ed		03/11/18
Time	A.M.	P.M.	A.M.	P.M.	A.M.	P.M.	Sun
12:00	19	144	18	86	37	230	
12:15	7	137	12	100	19	237	
12:30	9	161	20	108	29	269	
12:45	8	140	14	87	22	227	963
01:00	14	136	15	113	29	249	
01:15	9	141	9	80	18	221	
01:30	6	180	8	84	14	264	
01:45	8	140	6	97	14	237	971
02:00	8	129	5	98	13	227	
02:15	4	131	7	100	11	231	
02:30	8	132	8	75	16	207	
02:45	3	116	6	98	9	214	879
03:00	2	106	6	92	8	198	
03:15	3	120	7	112	10	232	
03:30	1	127	2	92	3	219	
03:45	6	116	5	105	11	221	870
04:00	6	144	2	106	8	250	
04:15	12	95	9	125	21	220	
04:30	6	89	6	95	12	184	
04:45	14	83	7	98	21	181	835
05:00	12	113	7	89	19	202	
05:15	19	86	9	90	28	176	
05:30	39	86	13	91	52	177	
05:45	28	78	11	93	39	171	726
06:00	22	70	15	76	37	146	
06:15	33	53	25	56	58	109	
06:30	43	58	39	58	82	116	
06:45	44	41	34	62	78	103	474
07:00	50	39	34	47	84	86	
07:15	59	50	48	60	107	110	
07:30	65	38	59	66	124	104	
07:45	81	37	69	50	150	87	387
08:00	77	39	59	45	136	84	
08:15	83	38	80	37	163	75	
08:30	113	15	61	29	174	44	
08:45	122	27	76	26	198	53	256
09:00	117	20	82	21	199	41	
09:15	127	16	88	21	215	37	
09:30	145	20	64	20	209	40	
09:45	130	15	100	20	230	35	153
10:00	99	6	73	14	172	20	
10:15	139	8	81	14	220	22	
10:30	131	3	101	9	232	12	
10:45	130	3	112	13	242	16	70
11:00	133	3	79	8	212	11	
11:15	177	4	116	9	293	13	
11:30	154	5	93	3	247	8	
11:45	154	5	91	3	245	8	40
Total	2679	3543	1891	3081	4570	6624	
Percent	58.6%	53.5%	41.4%	46.5%			
Day Total		6222		4972		11194	
Peak	11:00	- 00:45	- 10:30	- 03:45	- 11:00	- 00:15	- - -
Vol.	618	- 597	- 408	- 431	- 997	- 982	- - -
P.H.F.	0.873	0.829	0.879	0.862	0.851	0.913	

Nathan Ellis Highway (Route 151)
 east of Sam Turner Road
 City, State: Falmouth ,MA
 Client: TEC/ L. Oltman



186123 A Class
 Site Code: T0771

WB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
03/09/18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM	1	314	82	6	39	2	0	6	5	0	0	0	0	455
13:00	1	309	99	7	49	5	0	1	3	0	0	0	1	475
14:00	0	312	118	6	50	9	0	6	6	0	0	0	0	507
15:00	0	386	112	5	54	5	0	3	1	0	0	0	0	566
16:00	0	439	112	6	48	5	1	4	1	0	0	0	0	616
17:00	2	356	99	2	34	1	0	0	0	0	0	0	0	494
18:00	0	238	57	1	22	1	0	0	0	0	0	0	0	319
19:00	1	176	56	0	19	0	0	0	0	0	0	0	0	252
20:00	0	140	31	0	14	0	0	0	1	0	0	0	0	186
21:00	0	144	29	3	19	0	0	1	1	0	0	0	0	197
22:00	1	86	15	0	8	1	0	0	0	0	0	0	0	111
23:00	0	55	9	0	4	0	0	0	1	0	0	0	0	69
Total	6	2955	819	36	360	29	1	21	19	0	0	0	1	4247
Percent	0.1%	69.6%	19.3%	0.8%	8.5%	0.7%	0.0%	0.5%	0.4%	0.0%	0.0%	0.0%	0.0%	
AM Peak Vol.														
PM Peak Vol.	17:00	16:00	14:00	13:00	15:00	14:00	16:00	12:00	14:00				13:00	16:00
	2	439	118	7	54	9	1	6	6				1	616

Nathan Ellis Highway (Route 151)
 east of Sam Turner Road
 City, State: Falmouth ,MA
 Client: TEC/ L. Oltman



186123 A Class
 Site Code: T0771

WB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
03/10/1														
8	0	22	5	0	4	0	0	0	0	0	0	0	0	31
01:00	0	20	8	0	2	0	0	0	0	0	0	0	0	30
02:00	0	14	3	0	0	0	0	0	0	0	0	0	0	17
03:00	1	12	3	0	5	1	0	1	0	0	0	0	0	23
04:00	0	20	5	0	3	0	0	0	0	0	0	0	0	28
05:00	0	48	14	1	11	0	0	0	0	0	0	0	0	74
06:00	0	123	49	0	21	0	0	1	0	0	0	0	0	194
07:00	1	233	59	3	44	0	0	7	1	0	0	0	0	348
08:00	0	260	74	3	55	2	0	5	0	0	0	0	0	399
09:00	0	344	82	2	43	2	0	2	1	0	0	0	0	476
10:00	0	393	93	3	54	1	0	1	1	0	0	0	0	546
11:00	0	426	81	6	54	2	0	4	1	0	0	0	0	574
12 PM	2	423	84	3	43	0	0	6	0	0	0	0	0	561
13:00	1	422	99	2	49	0	0	4	2	0	0	0	0	579
14:00	1	434	96	2	53	0	0	2	0	0	0	0	0	588
15:00	0	449	90	1	27	0	0	0	1	0	0	0	0	568
16:00	0	362	73	0	35	1	0	0	0	0	0	0	0	471
17:00	0	315	64	2	22	1	0	0	0	0	0	0	0	404
18:00	1	253	50	2	31	1	0	1	0	0	0	0	0	339
19:00	0	184	50	0	16	0	0	2	0	0	0	0	0	252
20:00	0	125	33	0	15	0	0	0	1	0	0	0	0	174
21:00	0	134	25	0	7	0	0	1	1	0	0	0	0	168
22:00	0	93	15	0	6	0	0	0	1	0	0	0	0	115
23:00	0	47	11	0	11	0	0	0	0	0	0	0	0	69
Total	7	5156	1166	30	611	11	0	37	10	0	0	0	0	7028
Percent	0.1%	73.4%	16.6%	0.4%	8.7%	0.2%	0.0%	0.5%	0.1%	0.0%	0.0%	0.0%	0.0%	
AM Peak	03:00	11:00	10:00	11:00	08:00	08:00		07:00	07:00					11:00
Vol.	1	426	93	6	55	2		7	1					574
PM Peak	12:00	15:00	13:00	12:00	14:00	16:00		12:00	13:00					14:00
Vol.	2	449	99	3	53	1		6	2					588

Nathan Ellis Highway (Route 151)
 east of Sam Turner Road
 City, State: Falmouth ,MA
 Client: TEC/ L. Oltman



186123 A Class
 Site Code: T0771

WB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
03/11/1														
8	0	33	7	0	3	0	0	0	0	0	0	0	0	43
01:00	0	24	9	0	4	0	0	0	0	0	0	0	0	37
02:00	0	16	4	0	3	0	0	0	0	0	0	0	0	23
03:00	0	8	1	0	3	0	0	0	0	0	0	0	0	12
04:00	0	30	4	0	4	0	0	0	0	0	0	0	0	38
05:00	0	64	22	0	12	0	0	0	0	0	0	0	0	98
06:00	0	106	21	0	14	0	0	0	1	0	0	0	0	142
07:00	0	170	46	0	39	0	0	0	0	0	0	0	0	255
08:00	0	272	79	1	38	2	0	3	0	0	0	0	0	395
09:00	0	375	93	0	45	0	0	5	1	0	0	0	0	519
10:00	1	376	69	0	51	1	0	1	0	0	0	0	0	499
11:00	0	470	88	1	58	1	0	0	0	0	0	0	0	618
12 PM	2	424	101	0	54	1	0	0	0	0	0	0	0	582
13:00	0	450	101	0	44	0	0	1	1	0	0	0	0	597
14:00	1	397	66	0	42	0	0	2	0	0	0	0	0	508
15:00	0	374	70	1	22	0	0	2	0	0	0	0	0	469
16:00	1	321	67	0	21	0	0	1	0	0	0	0	0	411
17:00	0	294	53	0	15	1	0	0	0	0	0	0	0	363
18:00	0	172	32	0	16	1	0	0	1	0	0	0	0	222
19:00	0	132	23	0	9	0	0	0	0	0	0	0	0	164
20:00	0	89	19	0	10	0	0	1	0	0	0	0	0	119
21:00	1	53	13	0	2	1	0	0	1	0	0	0	0	71
22:00	0	16	1	0	2	0	0	0	1	0	0	0	0	20
23:00	0	14	1	0	2	0	0	0	0	0	0	0	0	17
Total	6	4680	990	3	513	8	0	16	6	0	0	0	0	6222
Percent	0.1%	75.2%	15.9%	0.0%	8.2%	0.1%	0.0%	0.3%	0.1%	0.0%	0.0%	0.0%	0.0%	
AM Peak	10:00	11:00	09:00	08:00	11:00	08:00		09:00	06:00					11:00
Vol.	1	470	93	1	58	2		5	1					618
PM Peak	12:00	13:00	12:00	15:00	12:00	12:00		14:00	13:00					13:00
Vol.	2	450	101	1	54	1		2	1					597

Nathan Ellis Highway (Route 151)
 east of Sam Turner Road
 City, State: Falmouth ,MA
 Client: TEC/ L. Oltman



186123 A Class
 Site Code: T0771

EB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
03/09/18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM	2	312	81	5	50	0	0	5	3	0	0	0	0	458
13:00	0	298	79	2	55	3	2	4	4	0	0	0	0	447
14:00	0	337	96	5	45	2	0	2	0	0	0	0	0	487
15:00	3	414	110	3	59	3	1	4	0	0	0	0	0	597
16:00	0	550	134	4	59	1	0	2	0	0	0	0	0	750
17:00	0	520	119	1	57	0	0	1	0	0	0	0	0	698
18:00	0	407	94	0	37	0	0	0	0	0	0	0	0	538
19:00	0	225	55	0	19	0	0	1	0	0	0	0	0	300
20:00	0	192	39	0	20	0	0	1	0	0	0	0	0	252
21:00	0	175	30	0	16	0	0	1	0	0	0	0	0	222
22:00	1	120	25	0	10	1	0	0	0	0	0	0	0	157
23:00	0	72	10	0	2	0	0	0	0	0	0	0	0	84
Total	6	3622	872	20	429	10	3	21	7	0	0	0	0	4990
Percent	0.1%	72.6%	17.5%	0.4%	8.6%	0.2%	0.1%	0.4%	0.1%	0.0%	0.0%	0.0%	0.0%	
AM Peak Vol.														
PM Peak Vol.	15:00	16:00	16:00	12:00	15:00	13:00	13:00	12:00	13:00					16:00
	3	550	134	5	59	3	2	5	4					750

Nathan Ellis Highway (Route 151)
 east of Sam Turner Road
 City, State: Falmouth ,MA
 Client: TEC/ L. Oltman



186123 A Class
 Site Code: T0771

EB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
03/10/1														
8	0	50	4	0	3	0	0	0	0	0	0	0	0	57
01:00	0	15	4	0	5	0	0	0	0	0	0	0	0	24
02:00	0	12	4	0	4	1	0	0	0	0	0	0	0	21
03:00	0	19	2	0	3	0	0	0	0	0	0	0	0	24
04:00	0	10	3	0	3	0	0	1	0	0	0	0	0	17
05:00	0	18	9	0	4	0	0	1	0	0	0	0	0	32
06:00	0	70	29	0	14	0	0	2	0	0	0	0	0	115
07:00	0	148	57	3	29	0	0	0	0	0	0	0	0	237
08:00	0	271	65	3	28	0	0	1	0	0	0	0	0	368
09:00	0	268	63	1	21	0	0	1	0	0	0	0	0	354
10:00	0	411	64	1	20	0	0	0	0	0	0	0	0	496
11:00	0	404	62	0	8	1	0	0	0	0	0	0	0	475
12 PM	0	390	25	1	6	0	0	0	0	0	0	0	0	422
13:00	0	418	42	0	8	0	0	1	0	0	0	0	0	469
14:00	0	370	70	1	28	0	0	2	0	0	0	0	0	471
15:00	0	349	79	0	23	0	0	0	0	0	0	0	0	451
16:00	0	338	79	0	16	0	0	1	0	0	0	0	0	434
17:00	0	373	56	4	20	0	0	0	0	0	0	0	0	453
18:00	0	314	74	0	13	0	0	0	0	0	0	0	0	401
19:00	0	204	35	0	14	0	0	0	0	0	0	0	0	253
20:00	0	192	32	1	8	0	0	0	0	0	0	0	0	233
21:00	0	183	25	0	6	0	0	0	0	0	0	0	0	214
22:00	0	126	14	0	8	0	0	0	0	0	0	0	0	148
23:00	0	75	18	0	3	0	0	0	0	0	0	0	0	96
Total	0	5028	915	15	295	2	0	10	0	0	0	0	0	6265
Percent	0.0%	80.3%	14.6%	0.2%	4.7%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM Peak		10:00	08:00	07:00	07:00	02:00		06:00						10:00
Vol.		411	65	3	29	1		2						496
PM Peak		13:00	15:00	17:00	14:00			14:00						14:00
Vol.		418	79	4	28			2						471

Nathan Ellis Highway (Route 151)
 east of Sam Turner Road
 City, State: Falmouth ,MA
 Client: TEC/ L. Oltman



186123 A Class
 Site Code: T0771

EB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
03/11/1														
8	0	49	11	0	4	0	0	0	0	0	0	0	0	64
01:00	0	28	6	0	4	0	0	0	0	0	0	0	0	38
02:00	0	18	6	0	2	0	0	0	0	0	0	0	0	26
03:00	0	14	4	0	2	0	0	0	0	0	0	0	0	20
04:00	0	18	5	0	0	0	0	1	0	0	0	0	0	24
05:00	0	29	7	0	4	0	0	0	0	0	0	0	0	40
06:00	0	73	24	0	15	0	0	1	0	0	0	0	0	113
07:00	0	160	36	0	14	0	0	0	0	0	0	0	0	210
08:00	0	231	38	0	7	0	0	0	0	0	0	0	0	276
09:00	0	313	12	1	8	0	0	0	0	0	0	0	0	334
10:00	0	364	2	0	1	0	0	0	0	0	0	0	0	367
11:00	2	377	0	0	0	0	0	0	0	0	0	0	0	379
12 PM	2	379	0	0	0	0	0	0	0	0	0	0	0	381
13:00	0	374	0	0	0	0	0	0	0	0	0	0	0	374
14:00	0	345	19	0	7	0	0	0	0	0	0	0	0	371
15:00	0	348	41	0	12	0	0	0	0	0	0	0	0	401
16:00	0	328	65	0	31	0	0	0	0	0	0	0	0	424
17:00	0	299	53	0	11	0	0	0	0	0	0	0	0	363
18:00	0	197	34	0	20	0	0	0	1	0	0	0	0	252
19:00	0	169	34	0	20	0	0	0	0	0	0	0	0	223
20:00	0	103	26	0	8	0	0	0	0	0	0	0	0	137
21:00	0	61	13	0	8	0	0	0	0	0	0	0	0	82
22:00	0	38	6	0	6	0	0	0	0	0	0	0	0	50
23:00	0	18	3	0	2	0	0	0	0	0	0	0	0	23
Total	4	4333	445	1	186	0	0	2	1	0	0	0	0	4972
Percent	0.1%	87.1%	9.0%	0.0%	3.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM Peak	11:00	11:00	08:00	09:00	06:00			04:00						11:00
Vol.	2	377	38	1	15			1						379
PM Peak	12:00	12:00	16:00		16:00				18:00					16:00
Vol.	2	379	65		31				1					424

Nathan Ellis Highway (Route 151)
 east of Sam Turner Road
 City, State: Falmouth ,MA
 Client: TEC/ L. Oltman



186123 A Speed
 Site Code: T0771

WB

Start Time	1 14	15 19	20 24	25 29	30 34	35 39	40 44	45 49	50 54	55 59	60 64	65 69	70 9999	Total	85th % ile	Ave Speed
03/09/18	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM	0	1	7	13	8	24	73	146	144	34	5	0	0	455	52	47
13:00	0	0	0	0	8	17	59	188	166	33	4	0	0	475	52	48
14:00	0	0	0	2	6	27	87	199	159	21	6	0	0	507	52	48
15:00	2	5	7	3	9	45	102	216	146	29	2	0	0	566	52	46
16:00	0	1	0	6	13	36	133	238	157	24	7	1	0	616	52	47
17:00	0	0	0	4	19	30	109	161	130	35	4	1	1	494	52	47
18:00	0	0	0	0	1	16	44	127	103	27	1	0	0	319	53	48
19:00	0	0	0	1	5	9	25	79	104	26	2	1	0	252	53	49
20:00	0	0	0	0	1	5	22	48	72	30	5	2	1	186	55	50
21:00	0	0	0	0	0	5	17	65	80	25	4	0	1	197	53	50
22:00	0	0	0	0	1	1	12	27	45	17	7	1	0	111	56	51
23:00	0	0	0	0	0	0	2	17	23	19	6	2	0	69	58	53
Total	2	7	14	29	71	215	685	1511	1329	320	53	8	3	4247		
%	0.0%	0.2%	0.3%	0.7%	1.7%	5.1%	16.1%	35.6%	31.3%	7.5%	1.2%	0.2%	0.1%			
AM Peak Vol.																
PM Peak Vol.	15:00	15:00	12:00	12:00	17:00	15:00	16:00	16:00	13:00	17:00	16:00	20:00	17:00	16:00		
	2	5	7	13	19	45	133	238	166	35	7	2	1	616		

Stats

15th Percentile : 41 MPH
 50th Percentile : 47 MPH
 85th Percentile : 53 MPH
 95th Percentile : 56 MPH

Mean Speed(Average) : 48 MPH
 10 MPH Pace Speed : 45-54 MPH
 Number in Pace : 2840
 Percent in Pace : 66.9%
 Number of Vehicles > 50 MPH : 1447
 Percent of Vehicles > 50 MPH : 34.1%

Nathan Ellis Highway (Route 151)
 east of Sam Turner Road
 City, State: Falmouth ,MA
 Client: TEC/ L. Oltman



186123 A Speed
 Site Code: T0771

WB	Start Time	14	15	20	25	30	35	40	45	50	55	60	65	70	Total	85th % ile	Ave Speed
		14	19	24	29	34	39	44	49	54	59	64	69	9999			
03/10/																	
18	0	0	0	0	0	0	0	0	8	9	6	5	1	2	31	60	54
01:00	0	0	0	1	0	0	0	1	5	13	6	3	0	1	30	57	52
02:00	0	0	0	0	0	0	1	0	2	9	3	1	1	0	17	58	53
03:00	0	0	0	0	0	0	2	1	1	9	6	3	1	0	23	59	53
04:00	0	0	0	0	0	0	0	0	2	14	5	4	2	1	28	61	55
05:00	0	0	0	0	0	0	0	0	9	35	23	7	0	0	74	58	54
06:00	0	0	0	0	0	0	3	7	23	85	63	9	3	1	194	57	53
07:00	0	0	0	0	0	0	1	10	85	151	89	8	3	1	348	56	52
08:00	0	0	0	0	0	0	5	32	94	192	65	10	0	1	399	55	51
09:00	0	0	0	0	1	15	55	155	184	61	5	0	0	0	476	53	49
10:00	0	0	0	0	5	24	80	226	163	41	7	0	0	0	546	52	48
11:00	1	2	2	1	5	43	86	202	194	32	5	1	0	0	574	52	47
12 PM	2	0	0	0	3	11	50	201	228	57	9	0	0	0	561	53	49
13:00	1	0	0	0	0	6	86	223	210	47	6	0	0	0	579	53	49
14:00	1	0	0	1	13	42	91	201	188	46	5	0	0	0	588	53	48
15:00	0	0	0	0	7	34	119	233	147	27	1	0	0	0	568	52	47
16:00	0	0	0	3	4	5	48	180	167	54	9	1	0	0	471	53	49
17:00	0	0	0	0	1	9	49	161	145	35	4	0	0	0	404	53	49
18:00	0	0	0	0	4	25	62	133	93	18	4	0	0	0	339	52	47
19:00	0	0	0	0	1	6	33	83	88	37	2	2	0	0	252	54	50
20:00	0	0	0	0	0	6	17	43	68	37	3	0	0	0	174	55	51
21:00	0	0	0	0	2	4	26	50	53	28	4	1	0	0	168	55	50
22:00	0	0	0	0	0	2	11	30	41	22	9	0	0	0	115	57	51
23:00	0	0	0	0	0	0	2	12	23	25	4	2	1	1	69	58	54
Total	5	2	2	6	46	244	866	2362	2509	833	127	18	8	8	7028		
%	0.1%	0.0%	0.0%	0.1%	0.7%	3.5%	12.3%	33.6%	35.7%	11.9%	1.8%	0.3%	0.1%				
AM Peak	11:00	11:00	11:00	01:00	10:00	11:00	11:00	10:00	11:00	07:00	08:00	06:00	00:00	11:00			
Vol.	1	2	2	1	5	43	86	226	194	89	10	3	2	574			
PM Peak	12:00			16:00	14:00	14:00	15:00	15:00	12:00	12:00	12:00	19:00	23:00	14:00			
Vol.	2			3	13	42	119	233	228	57	9	2	1	588			

Stats
 15th Percentile : 43 MPH
 50th Percentile : 48 MPH
 85th Percentile : 53 MPH
 95th Percentile : 57 MPH

Mean Speed(Average) : 49 MPH
 10 MPH Pace Speed : 45-54 MPH
 Number in Pace : 4871
 Percent in Pace : 69.3%
 Number of Vehicles > 50 MPH : 2993
 Percent of Vehicles > 50 MPH : 42.6%

Nathan Ellis Highway (Route 151)
 east of Sam Turner Road
 City, State: Falmouth ,MA
 Client: TEC/ L. Oltman



186123 A Speed
 Site Code: T0771

WB

Start Time	1 14	15 19	20 24	25 29	30 34	35 39	40 44	45 49	50 54	55 59	60 64	65 69	70 9999	Total	85th % ile	Ave Speed
03/11/																
18	0	0	0	0	0	0	5	12	13	7	5	0	1	43	58	51
01:00	0	0	0	0	0	0	4	8	17	4	3	1	0	37	57	52
02:00	0	0	0	0	0	0	0	3	9	5	3	2	1	23	61	55
03:00	0	0	0	0	0	0	0	1	2	4	2	1	2	12	62	57
04:00	0	0	0	0	0	0	2	5	15	14	2	0	0	38	57	53
05:00	0	0	0	0	0	0	2	18	43	22	11	1	1	98	58	53
06:00	0	0	0	0	0	0	0	18	53	48	19	4	0	142	59	55
07:00	0	0	0	0	0	0	8	57	98	65	23	3	1	255	58	53
08:00	0	0	0	0	0	15	23	109	171	69	6	1	1	395	55	51
09:00	0	0	0	1	2	7	31	129	257	79	11	1	1	519	54	51
10:00	1	0	0	0	1	4	34	156	225	65	11	1	1	499	54	50
11:00	0	0	0	0	5	15	82	183	279	49	4	1	0	618	53	49
12 PM	1	0	0	0	1	21	47	192	255	58	6	1	0	582	53	50
13:00	0	1	0	0	3	7	62	161	264	91	7	1	0	597	54	50
14:00	0	0	0	0	0	7	48	175	174	85	17	1	1	508	55	50
15:00	0	0	0	0	0	5	34	152	195	79	3	1	0	469	54	50
16:00	0	0	0	0	0	11	42	103	179	64	10	2	0	411	55	50
17:00	0	0	0	0	1	6	35	120	145	49	7	0	0	363	54	50
18:00	0	0	0	0	0	4	22	72	94	26	3	1	0	222	53	50
19:00	0	0	0	0	0	3	11	50	62	28	9	1	0	164	56	51
20:00	0	0	0	0	0	2	7	39	43	18	10	0	0	119	56	51
21:00	0	0	0	0	0	2	4	12	26	20	5	1	1	71	57	53
22:00	0	0	0	0	0	1	0	7	5	3	3	1	0	20	60	52
23:00	0	0	0	0	0	0	3	3	6	3	2	0	0	17	58	51
Total	2	1	0	1	13	110	506	1785	2630	955	182	26	11	6222		
%	0.0%	0.0%	0.0%	0.0%	0.2%	1.8%	8.1%	28.7%	42.3%	15.3%	2.9%	0.4%	0.2%			
AM Peak	10:00			09:00	11:00	08:00	11:00	11:00	11:00	09:00	07:00	06:00	03:00	11:00		
Vol.	1			1	5	15	82	183	279	79	23	4	2	618		
PM Peak	12:00	13:00			13:00	12:00	13:00	12:00	13:00	13:00	14:00	16:00	14:00	13:00		
Vol.	1	1			3	21	62	192	264	91	17	2	1	597		

Stats
 15th Percentile : 44 MPH
 50th Percentile : 50 MPH
 85th Percentile : 55 MPH
 95th Percentile : 58 MPH

Mean Speed(Average) : 51 MPH
 10 MPH Pace Speed : 45-54 MPH
 Number in Pace : 4415
 Percent in Pace : 71.0%
 Number of Vehicles > 50 MPH : 3278
 Percent of Vehicles > 50 MPH : 52.7%

Nathan Ellis Highway (Route 151)
 east of Sam Turner Road
 City, State: Falmouth ,MA
 Client: TEC/ L. Oltman



186123 A Speed
 Site Code: T0771

EB	Start Time	14	15	20	25	30	35	40	45	50	55	60	65	70	Total	85th % ile	Ave Speed
		14	19	24	29	34	39	44	49	54	59	64	69	9999			
03/09/18		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM		0	0	0	1	3	6	26	115	215	75	16	1	0	458	55	51
13:00		0	0	0	0	0	4	34	123	203	66	15	2	0	447	55	51
14:00		0	0	0	1	3	6	34	123	212	94	14	0	0	487	55	51
15:00		2	0	4	0	1	6	64	163	212	129	14	2	0	597	56	50
16:00		0	0	0	0	2	17	114	280	270	60	6	0	1	750	53	49
17:00		0	0	0	0	1	17	65	272	264	72	7	0	0	698	53	49
18:00		0	0	0	0	0	10	73	220	196	35	4	0	0	538	52	49
19:00		0	0	0	0	0	2	21	93	128	46	10	0	0	300	55	51
20:00		0	0	0	0	0	1	12	82	106	46	5	0	0	252	55	51
21:00		0	0	0	0	0	1	23	50	96	45	5	2	0	222	56	51
22:00		0	0	0	0	0	1	13	34	72	24	10	2	1	157	56	52
23:00		0	0	0	0	0	0	3	22	21	28	5	5	0	84	58	53
Total		2	0	4	2	10	71	482	1577	1995	720	111	14	2	4990		
%		0.0%	0.0%	0.1%	0.0%	0.2%	1.4%	9.7%	31.6%	40.0%	14.4%	2.2%	0.3%	0.0%			
AM Peak Vol.																	
PM Peak Vol.	15:00		15:00	12:00	12:00	16:00	16:00	16:00	16:00	15:00	12:00	23:00	16:00	16:00			
Vol.	2		4	1	3	17	114	280	270	129	16	5	1	750			

Stats

15th Percentile : 44 MPH
 50th Percentile : 49 MPH
 85th Percentile : 54 MPH
 95th Percentile : 58 MPH

Mean Speed(Average) : 50 MPH
 10 MPH Pace Speed : 45-54 MPH
 Number in Pace : 3572
 Percent in Pace : 71.6%
 Number of Vehicles > 50 MPH : 2443
 Percent of Vehicles > 50 MPH : 49.0%

Nathan Ellis Highway (Route 151)
 east of Sam Turner Road
 City, State: Falmouth ,MA
 Client: TEC/ L. Oltman



186123 A Speed
 Site Code: T0771

EB	Start Time	14	1519	2024	2529	3034	3539	4044	4549	5054	5559	6064	6569	709999	Total	85th % ile	Ave Speed
03/10/																	
18	0	0	0	0	0	0	1	1	6	26	20	1	1	1	57	57	53
01:00	0	0	0	0	0	0	0	0	3	7	10	1	2	1	24	58	55
02:00	0	0	0	0	0	0	0	0	2	12	5	2	0	0	21	57	54
03:00	0	0	0	0	0	0	0	3	2	10	4	2	1	2	24	58	53
04:00	0	0	0	0	0	0	1	1	5	3	4	1	1	1	17	58	52
05:00	0	0	0	0	0	0	0	0	8	9	10	5	0	0	32	59	54
06:00	0	0	0	0	0	0	2	13	19	42	30	7	2	0	115	57	52
07:00	0	0	0	0	0	0	3	11	53	95	59	13	3	0	237	57	52
08:00	0	0	0	0	0	0	5	20	88	171	68	14	2	0	368	56	51
09:00	0	0	0	1	1	8	18	97	174	52	2	1	0	0	354	54	50
10:00	0	0	0	0	0	1	13	59	189	203	29	2	0	0	496	52	49
11:00	1	0	0	0	0	2	6	41	201	208	15	1	0	0	475	52	49
12 PM	0	1	0	0	0	0	10	35	203	163	10	0	0	0	422	52	48
13:00	0	0	0	0	0	4	3	53	223	181	5	0	0	0	469	52	48
14:00	0	0	0	0	0	0	10	62	189	160	47	3	0	0	471	53	49
15:00	0	0	0	0	0	1	6	34	174	184	50	2	0	0	451	53	50
16:00	0	0	0	0	0	1	2	27	112	200	80	11	1	0	434	55	51
17:00	0	0	0	1	0	6	36	154	184	64	6	6	1	1	453	54	50
18:00	0	0	1	0	1	6	71	189	113	18	2	0	0	0	401	52	48
19:00	0	0	0	0	2	2	34	88	90	32	5	0	0	0	253	53	49
20:00	0	0	0	0	3	7	26	75	93	26	3	0	0	0	233	53	49
21:00	0	0	0	0	0	2	21	68	89	33	1	0	0	0	214	54	50
22:00	0	0	0	0	1	0	16	29	60	30	9	2	1	1	148	57	52
23:00	0	0	0	0	1	0	5	14	43	29	2	2	0	0	96	57	53
Total	1	1	1	2	18	93	587	2191	2520	730	95	19	7	6265			
%	0.0%	0.0%	0.0%	0.0%	0.3%	1.5%	9.4%	35.0%	40.2%	11.7%	1.5%	0.3%	0.1%				
AM Peak	11:00			09:00	11:00	10:00	10:00	11:00	11:00	08:00	08:00	07:00	03:00	10:00			
Vol.	1			1	2	13	59	201	208	68	14	3	2	496			
PM Peak		12:00	18:00	17:00	13:00	12:00	18:00	13:00	16:00	16:00	16:00	22:00	17:00	14:00			
Vol.		1	1	1	4	10	71	223	200	80	11	2	1	471			

Stats
 15th Percentile : 44 MPH
 50th Percentile : 49 MPH
 85th Percentile : 53 MPH
 95th Percentile : 57 MPH

Mean Speed(Average) : 50 MPH
 10 MPH Pace Speed : 45-54 MPH
 Number in Pace : 4711
 Percent in Pace : 75.2%
 Number of Vehicles > 50 MPH : 2867
 Percent of Vehicles > 50 MPH : 45.8%

Nathan Ellis Highway (Route 151)
 east of Sam Turner Road
 City, State: Falmouth ,MA
 Client: TEC/ L. Oltman



186123 A Speed
 Site Code: T0771

EB	Start Time	14	1519	2024	2529	3034	3539	4044	4549	5054	5559	6064	6569	709999	Total	85th % ile	Ave Speed
03/11/																	
18	0	0	0	0	0	0	0	2	13	32	14	3	0	0	64	56	52
01:00	0	0	0	0	0	0	0	2	6	20	6	2	2	0	38	57	53
02:00	0	0	0	0	0	0	0	2	5	13	6	0	0	0	26	55	51
03:00	0	0	0	0	0	0	0	2	2	5	6	4	0	1	20	60	54
04:00	0	0	0	0	0	0	1	2	4	8	6	2	1	0	24	58	52
05:00	0	0	0	0	0	0	1	2	11	14	6	5	1	0	40	59	52
06:00	0	0	0	0	0	0	1	8	19	50	32	3	0	0	113	56	52
07:00	0	0	0	0	0	1	3	8	37	110	47	4	0	0	210	56	52
08:00	0	0	0	0	0	0	3	10	70	161	29	3	0	0	276	53	51
09:00	0	0	0	1	0	0	4	17	93	198	21	0	0	0	334	53	50
10:00	0	0	0	0	0	0	1	15	104	241	6	0	0	0	367	52	50
11:00	1	1	0	0	0	1	11	24	135	196	10	0	0	0	379	52	49
12 PM	0	2	0	0	0	0	6	10	128	234	1	0	0	0	381	52	50
13:00	0	0	0	0	0	0	3	18	80	236	37	0	0	0	374	53	51
14:00	0	0	0	0	0	0	2	14	107	212	36	0	0	0	371	53	51
15:00	0	0	0	0	0	0	3	36	105	204	47	5	1	0	401	53	50
16:00	0	0	0	0	0	2	4	29	115	183	75	16	0	0	424	55	51
17:00	0	0	0	0	0	0	2	9	88	182	74	6	2	0	363	55	52
18:00	0	0	0	0	0	0	1	25	59	111	45	11	0	0	252	56	51
19:00	0	0	0	0	0	0	3	8	49	97	51	14	0	1	223	57	52
20:00	0	0	0	0	0	0	5	2	24	50	42	11	1	2	137	58	53
21:00	0	0	0	1	0	0	0	4	15	31	19	11	0	1	82	58	53
22:00	0	0	0	0	0	0	0	3	5	17	17	5	2	1	50	58	54
23:00	0	0	0	0	0	0	0	1	6	8	6	2	0	0	23	57	52
Total	1	3	0	2	4	54	253	1280	2613	639	107	10	6	4972			
%	0.0%	0.1%	0.0%	0.0%	0.1%	1.1%	5.1%	25.7%	52.6%	12.9%	2.2%	0.2%	0.1%				
AM Peak	11:00	11:00		09:00	07:00	11:00	11:00	11:00	10:00	07:00	05:00	01:00	03:00	11:00			
Vol.	1	1		1	1	11	24	135	241	47	5	2	1	379			
PM Peak		12:00		21:00	16:00	12:00	15:00	12:00	13:00	16:00	16:00	17:00	20:00	16:00			
Vol.		2		1	2	6	36	128	236	75	16	2	2	424			

Stats
 15th Percentile : 45 MPH
 50th Percentile : 50 MPH
 85th Percentile : 54 MPH
 95th Percentile : 57 MPH

Mean Speed(Average) : 51 MPH
 10 MPH Pace Speed : 45-54 MPH
 Number in Pace : 3893
 Percent in Pace : 78.3%
 Number of Vehicles > 50 MPH : 2852
 Percent of Vehicles > 50 MPH : 57.4%

Sam Turner Road
south of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman



186123 B Volume
Site Code: T0771

Start Time	NB		SB		Combined		03/09/18	
	A.M.	P.M.	A.M.	P.M.	A.M.	P.M.	Fri	
12:00	*	*	*	*	*	*		
12:15	*	*	*	*	*	*		
12:30	*	*	*	*	*	*		
12:45	*	*	*	*	*	*		
01:00	0	0	0	0	0	0	0	
01:15		14		5		19		
01:30		9		5		14		
01:45		9		10		19		
02:00	0	7	39	10	30	17	69	
02:15		9		4		13		
02:30		15		9		24		
02:45		6		11		17		
03:00	0	2	32	11	35	13	67	
03:15		12		10		22		
03:30		11		10		21		
03:45		9		14		23		
04:00	0	14	46	15	49	29	95	
04:15		8		16		24		
04:30		10		11		21		
04:45		11		19		30		
05:00	0	13	42	28	74	41	116	
05:15		13		17		30		
05:30		13		15		28		
05:45	0	12	54	16		28		
06:00		16		13	61	29	115	
06:15		4		8		12		
06:30		14		11		25		
06:45		6		14		20		
07:00	0	10	34	16	49	26	83	
07:15		4		4		8		
07:30		8		10		18		
07:45		6		6		12		
08:00	0	4	22	8	28	12	50	
08:15		1		10		11		
08:30		5		5		10		
08:45		3		4		7		
09:00	0	4	13	7	26	11	39	
09:15		3		7		10		
09:30		3		6		9		
09:45		3		12		15		
10:00	0	5	14	5	30	10	44	
10:15		7		5		12		
10:30		1		5		6		
10:45		4		4		8		
11:00	0	3	15	8	22	11	37	
11:15		5		3		8		
11:30		4		1		5		
11:45		2		1		3		
11:55	0	0	11	1	6	1	17	
Total	0	322	0	410	0	732		
Percent	0.0%	44.0%	0.0%	56.0%				
Day Total		322		410		732		
Peak Vol.	-	-	05:00	-	-	-	04:30	-
P.H.F.	-	-	54	-	-	-	129	-
		0.844		0.705		0.787		

Sam Turner Road
south of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman



186123 B Volume
Site Code: T0771

Start	NB				SB				Combined		03/10/18	
Time	A.M.		P.M.		A.M.		P.M.		A.M.	P.M.	Sat	
12:00	0		11		1		11		1	22		
12:15	1		7		0		16		1	23		
12:30	1		14		2		9		3	23		
12:45	1	3	9	41	0	3	11	47	1	20	88	
01:00	0		11		2		14		2	25		
01:15	2		13		2		16		4	29		
01:30	0		9		3		9		3	18		
01:45	0	2	14	47	0	7	14	53	0	28	100	
02:00	0		7		0		6		0	13		
02:15	0		13		0		15		0	28		
02:30	0		13		1		4		1	17		
02:45	1	1	6	39	1	2	4	29	2	10	68	
03:00	1		8		1		8		2	16		
03:15	0		7		0		11		0	18		
03:30	0		9		0		12		0	21		
03:45	1	2	11	35	1	2	10	41	2	21	76	
04:00	0		8		0		9		0	17		
04:15	0		4		1		11		1	15		
04:30	0		9		0		10		0	19		
04:45	0	0	10	31	0	1	15	45	0	25	76	
05:00	0		15		0		9		0	24		
05:15	0		7		0		9		0	16		
05:30	2		7		0		10		2	17		
05:45	2	4	12	41	0	0	4	32	2	16	73	
06:00	3		8		0		16		3	24		
06:15	4		8		1		9		5	17		
06:30	7		8		2		5		9	13		
06:45	7	21	5	29	2	5	9	39	9	14	68	
07:00	5		8		2		5		7	13		
07:15	8		5		1		7		9	12		
07:30	15		4		3		9		18	13		
07:45	11	39	5	22	4	10	4	25	15	9	47	
08:00	10		7		7		6		17	13		
08:15	9		2		6		6		15	8		
08:30	7		1		10		5		17	6		
08:45	9	35	4	14	7	30	8	25	16	12	39	
09:00	9		5		10		4		19	9		
09:15	17		6		11		8		28	14		
09:30	14		2		6		9		20	11		
09:45	14	54	3	16	7	34	11	32	21	14	48	
10:00	7		3		6		0		13	3		
10:15	11		5		14		4		25	9		
10:30	16		4		19		4		35	8		
10:45	8	42	2	14	14	53	5	13	22	7	27	
11:00	15		0		4		4		19	4		
11:15	8		2		11		4		19	6		
11:30	13		3		13		4		26	7		
11:45	12	48	2	7	10	38	4	16	22	6	23	
Total	251		336		185		397		436	733		
Percent	57.6%		45.8%		42.4%		54.2%					
Day Total		587				582				1169		
Peak	09:00	-	00:30	-	10:00	-	01:00	-	10:15	-	01:00	-
Vol.	54	-	47	-	53	-	53	-	101	-	100	-
P.H.F.	0.794		0.839		0.697		0.828		0.721		0.862	

Start		NB		SB		Combin ed		03/11/18						
Time	A.M.		P.M.	A.M.		P.M.	A.M.		P.M.	Sun				
12:00	0		7	2		13	2		20					
12:15	0		8	0		11	0		19					
12:30	0		10	1		7	1		17					
12:45	1	1	12	37	1	4	6	37	2	5	18	74		
01:00	0		9		0		11		0		20			
01:15	0		11		2		12		2		23			
01:30	0		9		1		6		1		15			
01:45	1	1	6	35	0	3	10	39	1	4	16	74		
02:00	0		9		1		10		1		19			
02:15	1		16		0		9		1		25			
02:30	1		13		1		13		2		26			
02:45	1	3	6	44	0	2	10	42	1	5	16	86		
03:00	0		14		0		15		0		29			
03:15	0		8		0		8		0		16			
03:30	0		11		0		19		0		30			
03:45	0	0	7	40	1	1	3	45	1	1	10	85		
04:00	0		12		0		14		0		26			
04:15	1		10		0		19		1		29			
04:30	0		6		0		6		0		12			
04:45	3	4	8	36	0	0	10	49	3	4	18	85		
05:00	0		9		0		9		0		18			
05:15	4		7		1		7		5		14			
05:30	4		5		2		14		6		19			
05:45	3	11	11	32	0	3	9	39	3	14	20	71		
06:00	3		4		2		8		5		12			
06:15	1		8		1		7		2		15			
06:30	5		4		0		6		5		10			
06:45	3	12	3	19	4	7	11	32	7	19	14	51		
07:00	11		3		3		1		14		4			
07:15	4		5		4		3		8		8			
07:30	6		3		2		10		8		13			
07:45	9	30	5	16	4	13	4	18	13	43	9	34		
08:00	10		3		6		3		16		6			
08:15	6		5		4		6		10		11			
08:30	10		2		3		3		13		5			
08:45	9	35	2	12	9	22	7	19	18	57	9	31		
09:00	8		3		6		0		14		3			
09:15	18		1		6		2		24		3			
09:30	8		2		12		3		20		5			
09:45	17	51	2	8	5	29	3	8	22	80	5	16		
10:00	12		2		9		4		21		6			
10:15	14		2		6		0		20		2			
10:30	11		2		11		2		22		4			
10:45	11	48	0	6	15	41	1	7	26	89	1	13		
11:00	20		0		13		1		33		1			
11:15	25		0		12		1		37		1			
11:30	21		0		12		0		33		0			
11:45	18	84	0	0	9	46	1	3	27	130	1	3		
Total	280		285		171		338		451		623			
Percent	62.1%		45.7%		37.9%		54.3%							
Day Total		565				509			1074					
Peak	11:00	-	02:15	-	10:45	-	03:30	-	11:00	-	02:15	-	-	-
Vol.	84	-	49	-	52	-	55	-	130	-	96	-	-	-
P.H.F.	0.840		0.766		0.867		0.724		0.878		0.828			

Sam Turner Road
south of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman



186123 B Class
Site Code: T0771

NB															
Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total	
03/09/18	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
13:00	1	25	8	0	5	0	0	0	0	0	0	0	0	0	39
14:00	0	22	8	1	1	0	0	0	0	0	0	0	0	0	32
15:00	0	32	13	1	0	0	0	0	0	0	0	0	0	0	46
16:00	0	28	11	0	3	0	0	0	0	0	0	0	0	0	42
17:00	0	39	14	0	1	0	0	0	0	0	0	0	0	0	54
18:00	0	29	4	0	1	0	0	0	0	0	0	0	0	0	34
19:00	0	17	5	0	0	0	0	0	0	0	0	0	0	0	22
20:00	0	10	3	0	0	0	0	0	0	0	0	0	0	0	13
21:00	0	9	5	0	0	0	0	0	0	0	0	0	0	0	14
22:00	0	13	2	0	0	0	0	0	0	0	0	0	0	0	15
23:00	0	8	3	0	0	0	0	0	0	0	0	0	0	0	11
Total	1	232	76	2	11	0	0	0	0	0	0	0	0	0	322
Percent	0.3%	72.0%	23.6%	0.6%	3.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM Peak Vol.															
PM Peak Vol.	13:00	17:00	17:00	14:00	13:00										17:00
	1	39	14	1	5										54

Sam Turner Road
south of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman



186123 B Class
Site Code: T0771

NB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
03/10/1														
8	0	1	2	0	0	0	0	0	0	0	0	0	0	3
01:00	0	1	1	0	0	0	0	0	0	0	0	0	0	2
02:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
03:00	0	1	1	0	0	0	0	0	0	0	0	0	0	2
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	3	1	0	0	0	0	0	0	0	0	0	0	4
06:00	0	16	5	0	0	0	0	0	0	0	0	0	0	21
07:00	0	29	7	0	3	0	0	0	0	0	0	0	0	39
08:00	0	25	8	0	2	0	0	0	0	0	0	0	0	35
09:00	0	34	19	0	1	0	0	0	0	0	0	0	0	54
10:00	0	30	8	1	3	0	0	0	0	0	0	0	0	42
11:00	0	38	9	0	1	0	0	0	0	0	0	0	0	48
12 PM	0	31	10	0	0	0	0	0	0	0	0	0	0	41
13:00	1	34	12	0	0	0	0	0	0	0	0	0	0	47
14:00	0	30	8	0	0	0	0	1	0	0	0	0	0	39
15:00	0	27	8	0	0	0	0	0	0	0	0	0	0	35
16:00	0	24	7	0	0	0	0	0	0	0	0	0	0	31
17:00	0	31	6	0	4	0	0	0	0	0	0	0	0	41
18:00	0	21	7	0	1	0	0	0	0	0	0	0	0	29
19:00	0	18	4	0	0	0	0	0	0	0	0	0	0	22
20:00	0	12	1	0	1	0	0	0	0	0	0	0	0	14
21:00	0	14	2	0	0	0	0	0	0	0	0	0	0	16
22:00	0	11	3	0	0	0	0	0	0	0	0	0	0	14
23:00	0	6	1	0	0	0	0	0	0	0	0	0	0	7
Total	1	438	130	1	16	0	0	1	0	0	0	0	0	587
Percent	0.2%	74.6%	22.1%	0.2%	2.7%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM Peak		11:00	09:00	10:00	07:00									09:00
Vol.		38	19	1	3									54
PM Peak	13:00	13:00	13:00		17:00			14:00						13:00
Vol.	1	34	12		4			1						47

Sam Turner Road
 south of Nathan Ellis Highway (Route 151)
 City, State: Falmouth, MA
 Client: TEC/ L. Oltman



186123 B Class
 Site Code: T0771

NB														
Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
03/11/1														
8	0	1	0	0	0	0	0	0	0	0	0	0	0	1
01:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
02:00	0	1	2	0	0	0	0	0	0	0	0	0	0	3
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	4	0	0	0	0	0	0	0	0	0	0	0	4
05:00	0	9	1	0	1	0	0	0	0	0	0	0	0	11
06:00	0	11	1	0	0	0	0	0	0	0	0	0	0	12
07:00	0	21	7	0	2	0	0	0	0	0	0	0	0	30
08:00	0	23	11	0	1	0	0	0	0	0	0	0	0	35
09:00	0	42	8	0	1	0	0	0	0	0	0	0	0	51
10:00	0	31	13	0	3	0	0	1	0	0	0	0	0	48
11:00	2	64	17	0	1	0	0	0	0	0	0	0	0	84
12 PM	0	28	8	0	1	0	0	0	0	0	0	0	0	37
13:00	1	23	9	0	2	0	0	0	0	0	0	0	0	35
14:00	0	34	8	0	2	0	0	0	0	0	0	0	0	44
15:00	0	31	8	0	1	0	0	0	0	0	0	0	0	40
16:00	0	29	7	0	0	0	0	0	0	0	0	0	0	36
17:00	0	28	4	0	0	0	0	0	0	0	0	0	0	32
18:00	0	17	2	0	0	0	0	0	0	0	0	0	0	19
19:00	0	14	1	0	1	0	0	0	0	0	0	0	0	16
20:00	0	11	1	0	0	0	0	0	0	0	0	0	0	12
21:00	0	7	0	0	1	0	0	0	0	0	0	0	0	8
22:00	0	5	1	0	0	0	0	0	0	0	0	0	0	6
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	3	435	109	0	17	0	0	1	0	0	0	0	0	565
Percent	0.5%	77.0%	19.3%	0.0%	3.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM Peak	11:00	11:00	11:00		10:00			10:00						11:00
Vol.	2	64	17		3			1						84
PM Peak	13:00	14:00	13:00		13:00									14:00
Vol.	1	34	9		2									44

Sam Turner Road
south of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman



186123 B Class
Site Code: T0771

SB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
03/09/18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:00	0	23	4	0	3	0	0	0	0	0	0	0	0	30
14:00	0	24	5	2	3	0	0	1	0	0	0	0	0	35
15:00	0	30	12	3	4	0	0	0	0	0	0	0	0	49
16:00	0	43	23	0	8	0	0	0	0	0	0	0	0	74
17:00	0	46	10	0	5	0	0	0	0	0	0	0	0	61
18:00	0	39	10	0	0	0	0	0	0	0	0	0	0	49
19:00	0	18	4	0	6	0	0	0	0	0	0	0	0	28
20:00	0	21	3	0	2	0	0	0	0	0	0	0	0	26
21:00	0	20	9	0	1	0	0	0	0	0	0	0	0	30
22:00	0	18	4	0	0	0	0	0	0	0	0	0	0	22
23:00	0	5	1	0	0	0	0	0	0	0	0	0	0	6
Total	0	287	85	5	32	0	0	1	0	0	0	0	0	410
Percent	0.0%	70.0%	20.7%	1.2%	7.8%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM Peak Vol.														
PM Peak Vol.		17:00	16:00	15:00	16:00			14:00						16:00
		46	23	3	8			1						74

Sam Turner Road
south of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman



186123 B Class
Site Code: T0771

SB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
03/10/1														
8	0	3	0	0	0	0	0	0	0	0	0	0	0	3
01:00	0	4	1	0	2	0	0	0	0	0	0	0	0	7
02:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
03:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
04:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	5	0	0	0	0	0	0	0	0	0	0	0	5
07:00	0	5	3	0	2	0	0	0	0	0	0	0	0	10
08:00	0	15	10	0	3	0	0	2	0	0	0	0	0	30
09:00	0	24	8	0	2	0	0	0	0	0	0	0	0	34
10:00	0	35	10	0	8	0	0	0	0	0	0	0	0	53
11:00	0	24	9	0	5	0	0	0	0	0	0	0	0	38
12 PM	0	39	7	0	1	0	0	0	0	0	0	0	0	47
13:00	0	30	17	0	5	0	0	1	0	0	0	0	0	53
14:00	0	17	6	0	6	0	0	0	0	0	0	0	0	29
15:00	0	27	10	0	4	0	0	0	0	0	0	0	0	41
16:00	0	30	14	0	1	0	0	0	0	0	0	0	0	45
17:00	0	25	6	0	1	0	0	0	0	0	0	0	0	32
18:00	0	31	6	0	2	0	0	0	0	0	0	0	0	39
19:00	0	18	4	0	3	0	0	0	0	0	0	0	0	25
20:00	0	18	5	0	2	0	0	0	0	0	0	0	0	25
21:00	0	28	1	0	3	0	0	0	0	0	0	0	0	32
22:00	0	12	0	0	1	0	0	0	0	0	0	0	0	13
23:00	0	12	2	0	2	0	0	0	0	0	0	0	0	16
Total	0	407	119	0	53	0	0	3	0	0	0	0	0	582
Percent	0.0%	69.9%	20.4%	0.0%	9.1%	0.0%	0.0%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM Peak		10:00	08:00		10:00			08:00						10:00
Vol.		35	10		8			2						53
PM Peak		12:00	13:00		14:00			13:00						13:00
Vol.		39	17		6			1						53

Sam Turner Road
south of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman



186123 B Class
Site Code: T0771

SB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
03/11/1														
8	0	4	0	0	0	0	0	0	0	0	0	0	0	4
01:00	0	2	1	0	0	0	0	0	0	0	0	0	0	3
02:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
03:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	3	0	0	0	0	0	0	0	0	0	0	0	3
06:00	0	5	1	0	1	0	0	0	0	0	0	0	0	7
07:00	0	11	2	0	0	0	0	0	0	0	0	0	0	13
08:00	0	14	4	0	4	0	0	0	0	0	0	0	0	22
09:00	0	19	9	0	1	0	0	0	0	0	0	0	0	29
10:00	1	24	12	0	4	0	0	0	0	0	0	0	0	41
11:00	0	29	12	0	5	0	0	0	0	0	0	0	0	46
12 PM	0	24	7	0	6	0	0	0	0	0	0	0	0	37
13:00	1	27	9	0	1	0	0	1	0	0	0	0	0	39
14:00	0	27	10	0	5	0	0	0	0	0	0	0	0	42
15:00	0	33	9	0	3	0	0	0	0	0	0	0	0	45
16:00	1	33	13	0	2	0	0	0	0	0	0	0	0	49
17:00	0	33	5	0	1	0	0	0	0	0	0	0	0	39
18:00	0	24	5	0	3	0	0	0	0	0	0	0	0	32
19:00	0	16	2	0	0	0	0	0	0	0	0	0	0	18
20:00	0	13	5	0	1	0	0	0	0	0	0	0	0	19
21:00	0	5	2	0	1	0	0	0	0	0	0	0	0	8
22:00	0	3	2	0	2	0	0	0	0	0	0	0	0	7
23:00	0	3	0	0	0	0	0	0	0	0	0	0	0	3
Total	3	355	110	0	40	0	0	1	0	0	0	0	0	509
Percent	0.6%	69.7%	21.6%	0.0%	7.9%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM Peak	10:00	11:00	10:00		11:00									11:00
Vol.	1	29	12		5									46
PM Peak	13:00	15:00	16:00		12:00			13:00						16:00
Vol.	1	33	13		6			1						49



PRECISION
D A T A
INDUSTRIES, LLC

46 Morton Street, Framingham, MA 01702
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

Sam Turner Road
south of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman

186123 B Speed
Site Code: T0771

NB

Start Time	1 14	15 19	20 24	25 29	30 34	35 39	40 44	45 49	50 54	55 59	60 64	65 69	70 9999	Total	85th % ile	Ave Speed
03/09/ 18	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:00	1	0	0	6	20	11	1	0	0	0	0	0	0	39	36	32
14:00	0	1	2	6	11	5	7	0	0	0	0	0	0	32	40	33
15:00	1	0	2	7	17	17	1	1	0	0	0	0	0	46	37	33
16:00	0	3	2	6	15	13	2	1	0	0	0	0	0	42	37	32
17:00	0	2	3	9	22	16	2	0	0	0	0	0	0	54	37	32
18:00	0	2	4	8	11	8	1	0	0	0	0	0	0	34	36	30
19:00	0	0	1	3	10	8	0	0	0	0	0	0	0	22	36	33
20:00	0	1	1	1	3	5	1	1	0	0	0	0	0	13	39	34
21:00	0	1	0	5	7	1	0	0	0	0	0	0	0	14	33	30
22:00	1	1	3	3	5	1	1	0	0	0	0	0	0	15	33	27
23:00	0	0	2	2	3	3	1	0	0	0	0	0	0	11	37	32
Total	3	11	20	56	124	88	17	3	0	0	0	0	0	322		
%	0.9%	3.4%	6.2%	17.4%	38.5%	27.3%	5.3%	0.9%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak Vol.																
PM Peak Vol.	13:00	16:00	18:00	17:00	17:00	15:00	14:00	15:00						17:00		
	1	3	4	9	22	17	7	1						54		

Stats

15th Percentile :	25 MPH
50th Percentile :	31 MPH
85th Percentile :	37 MPH
95th Percentile :	40 MPH
Mean Speed(Average) :	32 MPH
10 MPH Pace Speed :	30-39 MPH
Number in Pace :	212
Percent in Pace :	65.8%
Number of Vehicles > 30 MPH :	207
Percent of Vehicles > 30 MPH :	64.3%

Sam Turner Road
south of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman



186123 B Speed
Site Code: T0771

NB	Start Time	14	15	20	25	30	35	40	45	50	55	60	65	70	Total	85th % ile	Ave Speed
		14	19	24	29	34	39	44	49	54	59	64	69	9999			
03/10/																	
18	0	0	0	0	1	1	1	0	0	0	0	0	0	0	3	41	37
01:00	0	0	0	0	1	0	1	0	0	0	0	0	0	0	2	42	37
02:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	33	32
03:00	0	0	0	1	1	0	0	0	0	0	0	0	0	0	2	32	30
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	1	1	1	0	1	0	0	0	0	0	0	4	46	36
06:00	0	1	1	1	5	10	2	1	0	0	0	0	0	0	21	38	35
07:00	0	3	3	5	11	16	1	0	0	0	0	0	0	0	39	37	32
08:00	0	1	0	2	14	12	6	0	0	0	0	0	0	0	35	39	35
09:00	0	0	5	5	24	17	1	2	0	0	0	0	0	0	54	37	33
10:00	0	4	0	6	9	22	1	0	0	0	0	0	0	0	42	37	33
11:00	0	0	4	6	17	17	3	1	0	0	0	0	0	0	48	38	33
12 PM	0	3	1	7	14	15	1	0	0	0	0	0	0	0	41	37	32
13:00	1	1	3	7	19	12	4	0	0	0	0	0	0	0	47	37	32
14:00	1	0	4	5	23	5	1	0	0	0	0	0	0	0	39	34	31
15:00	0	2	0	6	12	8	4	3	0	0	0	0	0	0	35	41	34
16:00	0	0	4	4	10	8	5	0	0	0	0	0	0	0	31	39	33
17:00	0	3	3	4	15	15	1	0	0	0	0	0	0	0	41	37	32
18:00	0	0	3	2	13	7	2	2	0	0	0	0	0	0	29	38	34
19:00	0	0	2	5	10	5	0	0	0	0	0	0	0	0	22	35	31
20:00	0	0	2	0	9	2	1	0	0	0	0	0	0	0	14	36	32
21:00	1	1	0	1	8	4	0	1	0	0	0	0	0	0	16	37	31
22:00	0	0	1	5	3	5	0	0	0	0	0	0	0	0	14	36	31
23:00	0	0	0	2	3	1	0	1	0	0	0	0	0	0	7	38	33
Total	3	19	36	75	224	183	35	12	0	0	0	0	0	0	587		
%	0.5%	3.2%	6.1%	12.8%	38.2%	31.2%	6.0%	2.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak		10:00	09:00	10:00	09:00	10:00	08:00	09:00							09:00		
Vol.		4	5	6	24	22	6	2							54		
PM Peak	13:00	12:00	14:00	12:00	14:00	12:00	16:00	15:00							13:00		
Vol.	1	3	4	7	23	15	5	3							47		

Stats

15th Percentile :	26 MPH
50th Percentile :	32 MPH
85th Percentile :	37 MPH
95th Percentile :	41 MPH
Mean Speed(Average) :	33 MPH
10 MPH Pace Speed :	30-39 MPH
Number in Pace :	407
Percent in Pace :	69.3%
Number of Vehicles > 30 MPH :	409
Percent of Vehicles > 30 MPH :	69.7%



PRECISION
D A T A
INDUSTRIES, LLC

46 Morton Street, Framingham, MA 01702
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

Sam Turner Road
south of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman

186123 B Speed
Site Code: T0771

NB

Start Time	1 14	15 19	20 24	25 29	30 34	35 39	40 44	45 49	50 54	55 59	60 64	65 69	70 9999	Total	85th % ile	Ave Speed
03/11/ 18	0	0	0	0	0	1	0	0	0	0	0	0	0	1	38	37
01:00	0	0	0	0	0	0	1	0	0	0	0	0	0	1	43	42
02:00	0	1	0	0	1	1	0	0	0	0	0	0	0	3	36	29
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	2	0	1	1	0	0	0	0	0	0	0	4	36	28
05:00	0	0	2	3	1	5	0	0	0	0	0	0	0	11	37	31
06:00	0	0	1	2	3	4	2	0	0	0	0	0	0	12	39	34
07:00	0	3	2	6	9	7	3	0	0	0	0	0	0	30	37	31
08:00	0	0	1	2	10	18	3	1	0	0	0	0	0	35	38	35
09:00	0	3	2	5	23	14	4	0	0	0	0	0	0	51	37	32
10:00	0	0	1	5	12	24	6	0	0	0	0	0	0	48	38	35
11:00	0	2	7	7	37	26	5	0	0	0	0	0	0	84	37	33
12 PM	0	1	1	4	14	12	5	0	0	0	0	0	0	37	38	34
13:00	0	1	2	1	15	15	1	0	0	0	0	0	0	35	37	33
14:00	0	1	2	3	18	16	4	0	0	0	0	0	0	44	38	34
15:00	0	2	1	6	9	17	4	1	0	0	0	0	0	40	38	34
16:00	0	1	2	2	15	14	2	0	0	0	0	0	0	36	37	33
17:00	0	1	1	5	10	14	1	0	0	0	0	0	0	32	37	33
18:00	0	0	0	3	9	4	2	1	0	0	0	0	0	19	39	34
19:00	0	0	2	2	7	3	2	0	0	0	0	0	0	16	38	32
20:00	0	0	0	2	8	1	1	0	0	0	0	0	0	12	34	32
21:00	0	0	1	1	0	5	1	0	0	0	0	0	0	8	38	35
22:00	0	1	1	1	2	1	0	0	0	0	0	0	0	6	34	28
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
Total	0	17	31	60	204	203	47	3	0	0	0	0	0	565		
%	0.0%	3.0%	5.5%	10.6%	36.1%	35.9%	8.3%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak		07:00	11:00	11:00	11:00	11:00	10:00	08:00						11:00		
Vol.		3	7	7	37	26	6	1						84		
PM Peak		15:00	13:00	15:00	14:00	15:00	12:00	15:00						14:00		
Vol.		2	2	6	18	17	5	1						44		

Stats

15th Percentile :	27 MPH
50th Percentile :	33 MPH
85th Percentile :	38 MPH
95th Percentile :	41 MPH

Mean Speed(Average) :	33 MPH
10 MPH Pace Speed :	30-39 MPH
Number in Pace :	407
Percent in Pace :	72.0%
Number of Vehicles > 30 MPH :	416
Percent of Vehicles > 30 MPH :	73.7%

Sam Turner Road
south of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman



186123 B Speed
Site Code: T0771

SB	Start Time	1 14	15 19	20 24	25 29	30 34	35 39	40 44	45 49	50 54	55 59	60 64	65 69	70 9999	Total	85th % ile	Ave Speed
03/09/																	
18	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:00	1	0	3	7	14	4	1	0	0	0	0	0	0	0	30	34	30
14:00	0	2	5	5	16	7	0	0	0	0	0	0	0	0	35	35	30
15:00	0	3	4	12	20	7	3	0	0	0	0	0	0	0	49	35	30
16:00	1	4	4	18	31	13	2	1	0	0	0	0	0	0	74	35	30
17:00	1	2	6	15	23	13	1	0	0	0	0	0	0	0	61	35	30
18:00	1	1	4	10	23	8	2	0	0	0	0	0	0	0	49	35	31
19:00	0	0	3	9	12	4	0	0	0	0	0	0	0	0	28	33	30
20:00	0	1	3	4	16	2	0	0	0	0	0	0	0	0	26	33	30
21:00	1	3	1	12	10	3	0	0	0	0	0	0	0	0	30	33	28
22:00	1	2	1	5	9	1	1	2	0	0	0	0	0	0	22	37	30
23:00	0	0	1	2	1	2	0	0	0	0	0	0	0	0	6	36	30
Total	6	18	35	99	175	64	10	3	0	0	0	0	0	0	410		
%	1.5%	4.4%	8.5%	24.1%	42.7%	15.6%	2.4%	0.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM																	
Peak																	
Vol.																	
PM																	
Peak	13:00	16:00	17:00	16:00	16:00	16:00	15:00	22:00							16:00		
Vol.	1	4	6	18	31	13	3	2							74		
Stats																	
				15th Percentile :				24 MPH									
				50th Percentile :				30 MPH									
				85th Percentile :				35 MPH									
				95th Percentile :				38 MPH									
				Mean Speed(Average) :				30 MPH									
				10 MPH Pace Speed :				25-34 MPH									
				Number in Pace :				274									
				Percent in Pace :				66.8%									
				Number of Vehicles > 30 MPH :				217									
				Percent of Vehicles > 30 MPH :				52.9%									

Sam Turner Road
south of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman



186123 B Speed
Site Code: T0771

SB	Start Time	1 14	15 19	20 24	25 29	30 34	35 39	40 44	45 49	50 54	55 59	60 64	65 69	70 9999	Total	85th % ile	Ave Speed
03/10/18	0	0	0	1	1	0	0	0	1	0	0	0	0	0	3	46	35
01:00	0	0	1	3	1	2	0	0	0	0	0	0	0	0	7	36	30
02:00	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2	28	27
03:00	0	0	0	1	1	0	0	0	0	0	0	0	0	0	2	32	30
04:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	33	32
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
06:00	0	0	0	1	2	2	0	0	0	0	0	0	0	0	5	37	33
07:00	0	0	2	3	4	1	0	0	0	0	0	0	0	0	10	33	29
08:00	0	1	3	7	13	5	1	0	0	0	0	0	0	0	30	35	30
09:00	1	0	3	6	11	11	2	0	0	0	0	0	0	0	34	37	32
10:00	0	2	3	14	20	12	2	0	0	0	0	0	0	0	53	36	31
11:00	1	0	5	6	19	6	1	0	0	0	0	0	0	0	38	35	30
12 PM	0	1	3	12	24	6	0	0	0	0	1	0	0	0	47	33	31
13:00	0	1	4	11	18	18	1	0	0	0	0	0	0	0	53	37	32
14:00	0	0	3	8	12	5	1	0	0	0	0	0	0	0	29	35	31
15:00	0	2	2	13	15	6	3	0	0	0	0	0	0	0	41	36	31
16:00	1	0	4	10	17	11	1	1	0	0	0	0	0	0	45	36	31
17:00	0	2	4	3	12	11	0	0	0	0	0	0	0	0	32	36	31
18:00	0	4	2	8	15	10	0	0	0	0	0	0	0	0	39	36	30
19:00	0	0	1	9	8	5	2	0	0	0	0	0	0	0	25	37	32
20:00	0	1	5	5	11	2	1	0	0	0	0	0	0	0	25	33	29
21:00	0	0	3	10	15	4	0	0	0	0	0	0	0	0	32	33	30
22:00	0	0	2	5	2	4	0	0	0	0	0	0	0	0	13	36	30
23:00	0	0	2	8	1	5	0	0	0	0	0	0	0	0	16	36	30
Total	3	14	52	146	223	126	15	2	0	1	0	0	0	0	582		
%	0.5%	2.4%	8.9%	25.1%	38.3%	21.6%	2.6%	0.3%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%			
AM Peak	09:00	10:00	11:00	10:00	10:00	10:00	09:00	00:00							10:00		
Vol.	1	2	5	14	20	12	2	1							53		
PM Peak	16:00	18:00	20:00	15:00	12:00	13:00	15:00	16:00		12:00					13:00		
Vol.	1	4	5	13	24	18	3	1		1					53		

Stats

15th Percentile : 24 MPH
50th Percentile : 30 MPH
85th Percentile : 36 MPH
95th Percentile : 38 MPH

Mean Speed(Average) : 31 MPH
10 MPH Pace Speed : 25-34 MPH
Number in Pace : 369
Percent in Pace : 63.4%
Number of Vehicles > 30 MPH : 322
Percent of Vehicles > 30 MPH : 55.4%

Sam Turner Road
south of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman



186123 B Speed
Site Code: T0771

SB	Start Time	14	15	20	25	30	35	40	45	50	55	60	65	70	Total	85th % ile	Ave Speed
		14	19	24	29	34	39	44	49	54	59	64	69	9999			
03/11/																	
18	0	1	0	1	1	1	0	0	0	0	0	0	0	0	4	36	28
01:00	0	0	0	2	1	0	0	0	0	0	0	0	0	0	3	31	29
02:00	0	0	1	1	0	0	0	0	0	0	0	0	0	0	2	27	25
03:00	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	28	27
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	1	0	1	1	0	0	0	0	0	0	0	3	41	35
06:00	0	0	2	3	2	0	0	0	0	0	0	0	0	0	7	31	27
07:00	0	0	0	4	5	4	0	0	0	0	0	0	0	0	13	36	32
08:00	0	0	1	3	12	6	0	0	0	0	0	0	0	0	22	36	32
09:00	0	1	3	7	13	5	0	0	0	0	0	0	0	0	29	34	30
10:00	0	0	5	6	17	10	3	0	0	0	0	0	0	0	41	37	32
11:00	0	0	4	10	22	10	0	0	0	0	0	0	0	0	46	35	31
12 PM	0	1	1	16	13	5	1	0	0	0	0	0	0	0	37	34	30
13:00	0	2	4	13	18	2	0	0	0	0	0	0	0	0	39	32	29
14:00	0	0	1	10	17	14	0	0	0	0	0	0	0	0	42	36	32
15:00	0	1	3	12	16	11	2	0	0	0	0	0	0	0	45	36	31
16:00	0	0	6	14	17	10	2	0	0	0	0	0	0	0	49	36	31
17:00	0	0	4	9	14	12	0	0	0	0	0	0	0	0	39	36	31
18:00	0	0	1	9	13	6	3	0	0	0	0	0	0	0	32	37	32
19:00	0	1	4	3	8	2	0	0	0	0	0	0	0	0	18	33	29
20:00	0	1	2	3	8	5	0	0	0	0	0	0	0	0	19	36	31
21:00	0	0	1	2	3	2	0	0	0	0	0	0	0	0	8	36	31
22:00	0	0	0	1	4	2	0	0	0	0	0	0	0	0	7	36	33
23:00	0	0	2	0	1	0	0	0	0	0	0	0	0	0	3	31	25
Total	0	8	45	131	205	108	12	0	0	0	0	0	0	0	509		
%	0.0%	1.6%	8.8%	25.7%	40.3%	21.2%	2.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak		00:00	10:00	11:00	11:00	10:00	10:00								11:00		
Vol.		1	5	10	22	10	3								46		
PM Peak		13:00	16:00	12:00	13:00	14:00	18:00								16:00		
Vol.		2	6	16	18	14	3								49		

Stats

15th Percentile :	24 MPH
50th Percentile :	30 MPH
85th Percentile :	36 MPH
95th Percentile :	38 MPH
Mean Speed(Average) :	31 MPH
10 MPH Pace Speed :	25-34 MPH
Number in Pace :	336
Percent in Pace :	66.0%
Number of Vehicles > 30 MPH :	284
Percent of Vehicles > 30 MPH :	55.8%

Cloverfield Way
north of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman



186123 C Volume
Site Code: 0771

Start Time	SB		NB		Combined		03/09/18	
	A.M.	P.M.	A.M.	P.M.	A.M.	P.M.	Fri	
12:00	*	*	*	*	*	*		
12:15	*	*	*	*	*	*		
12:30	*	*	*	*	*	*		
12:45	0	0	0	0	0	0	0	
01:00	*	1	*	3	*	4		
01:15	*	2	*	1	*	3		
01:30	*	0	*	3	*	3		
01:45	0	1	4	0	7	1	11	
02:00	*	1	*	3	*	4		
02:15	*	2	*	2	*	4		
02:30	*	1	*	0	*	1		
02:45	0	1	5	0	5	1	10	
03:00	*	2	*	2	*	4		
03:15	*	2	*	4	*	6		
03:30	*	0	*	1	*	1		
03:45	0	0	4	0	3	3	14	
04:00	*	1	*	7	*	8		
04:15	*	1	*	4	*	5		
04:30	*	4	*	0	*	4		
04:45	0	1	7	0	2	3	20	
05:00	*	3	*	2	*	5		
05:15	*	2	*	4	*	6		
05:30	*	2	*	0	*	2		
05:45	0	1	8	0	7	2	15	
06:00	*	2	*	2	*	4		
06:15	*	3	*	1	*	4		
06:30	*	1	*	3	*	4		
06:45	0	0	6	0	7	1	13	
07:00	*	1	*	0	*	1		
07:15	*	0	*	0	*	0		
07:30	*	2	*	2	*	4		
07:45	0	0	3	0	5	3	8	
08:00	*	0	*	2	*	2		
08:15	*	0	*	0	*	0		
08:30	*	1	*	1	*	2		
08:45	0	0	1	0	5	2	6	
09:00	*	1	*	0	*	1		
09:15	*	0	*	0	*	0		
09:30	*	2	*	2	*	4		
09:45	0	0	3	0	2	0	5	
10:00	*	0	*	1	*	1		
10:15	*	0	*	1	*	1		
10:30	*	0	*	0	*	0		
10:45	0	0	0	0	2	0	2	
11:00	*	0	*	0	*	0		
11:15	*	0	*	0	*	0		
11:30	*	0	*	0	*	0		
11:45	0	0	0	0	1	1	1	
Total	0	41	0	64	0	105		
Percent	0.0%	39.0%	0.0%	61.0%				
Day Total		41		64		105		
Peak	-	-	04:30	-	-	-	03:45	-
Vol.	-	-	10	-	-	-	20	-
P.H.F.			0.625				0.625	



PRECISION
D A T A
INDUSTRIES, LLC

46 Morton Street, Framingham, MA 01702
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

Start	SB				NB				Combin ed		03/10/18		
Time	A.M.		P.M.		A.M.		P.M.		A.M.		P.M.		Sat
12:00	0		1		0		4		0		5		
12:15	0		2		0		6		0		8		
12:30	0		6		0		3		0		9		
12:45	0	0	0	9	0	0	3	16	0	0	3	25	
01:00	0		1		0		1		0		2		
01:15	0		3		0		2		0		5		
01:30	0		0		0		2		0		2		
01:45	0	0	2	6	1	1	2	7	1	1	4	13	
02:00	0		2		0		1		0		3		
02:15	0		3		0		3		0		6		
02:30	0		3		0		1		0		4		
02:45	0	0	2	10	0	0	0	5	0	0	2	15	
03:00	0		0		0		1		0		1		
03:15	0		1		0		0		0		1		
03:30	0		2		0		3		0		5		
03:45	1	1	2	5	1	1	2	6	2	2	4	11	
04:00	0		2		0		1		0		3		
04:15	0		1		0		1		0		2		
04:30	0		3		0		0		0		3		
04:45	0	0	5	11	0	0	2	4	0	0	7	15	
05:00	0		0		0		1		0		1		
05:15	0		1		0		0		0		1		
05:30	0		2		0		0		0		2		
05:45	0	0	0	3	0	0	0	1	0	0	0	4	
06:00	0		1		0		2		0		3		
06:15	1		1		0		2		1		3		
06:30	0		1		0		0		0		1		
06:45	0	1	1	4	0	0	1	5	0	1	2	9	
07:00	2		0		1		1		3		1		
07:15	2		0		1		1		3		1		
07:30	1		0		0		1		1		1		
07:45	2	7	0	0		2	1	4	2	9	1	4	
08:00	1		0		1		2		2		2		
08:15	1		0		0		1		1		1		
08:30	3		2		0		0		3		2		
08:45	1	6	0	2	0	1	1	4	1	7	1	6	
09:00	2		0		1		0		3		0		
09:15	1		0		1		1		2		1		
09:30	1		0		1		0		2		0		
09:45	2	6	0	0	1	4	0	1	3	10	0	1	
10:00	2		0		2		1		4		1		
10:15	3		0		1		0		4		0		
10:30	2		0		4		1		6		1		
10:45	0	7	0	0	1	8	1	3	1	15	1	3	
11:00	2		0		1		0		3		0		
11:15	2		0		1		0		3		0		
11:30	2		0		4		0		6		0		
11:45	2	8	0	0	3	9	1	1	5	17	1	1	
Total	36		50		26		57		62				

Cloverfield Way
north of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman



186123 C Volume
Site Code: 0771

Start	SB				NB				Combin ed		03/11/18	
Time	A.M.		P.M.		A.M.		P.M.		A.M.		P.M.	Sun
12:00	0		4		0		1		0		5	
12:15	1		3		1		1		2		4	
12:30	0		1		0		4		0		5	
12:45	0	1	1	9	1	2	2	8	1	3	3	17
01:00	0		1		0		1		0		2	
01:15	0		2		0		2		0		4	
01:30	0		1		0		1		0		2	
01:45	0	0	1	5	0	0	1	5	0	0	2	10
02:00	0		0		0		0		0		0	
02:15	0		1		0		1		0		2	
02:30	0		2		0		3		0		5	
02:45	0	0	3	6	0	0	2	6	0	0	5	12
03:00	0		2		0		0		0		2	
03:15	0		0		0		2		0		2	
03:30	0		0		0		0		0		0	
03:45	1	1	1	3	1	1	2	4	2	2	3	7
04:00	0		2		0		2		0		4	
04:15	0		1		0		0		0		1	
04:30	0		1		0		2		0		3	
04:45	0	0	2	6	0	0	1	5	0	0	3	11
05:00	0		0		0		1		0		1	
05:15	2		2		0		0		2		2	
05:30	0		1		0		2		0		3	
05:45	0	2	0	3	0	0	1	4	0	2	1	7
06:00	0		0		0		3		0		3	
06:15	0		0		0		0		0		0	
06:30	0		0		1		0		1		0	
06:45	0	0	0	0	0	1	0	3	0	1	0	3
07:00	0		0		1		1		1		1	
07:15	0		0		0		0		0		0	
07:30	1		0		1		1		2		1	
07:45	1	2	1	1	0	2	1	3	1	4	2	4
08:00	1		0		2		0		3		0	
08:15	0		0		2		0		2		0	
08:30	2		0		2		1		4		1	
08:45	2	5	0	0	2	8	0	1	4	13	0	1
09:00	0		0		3		0		3		0	
09:15	3		0		3		0		6		0	
09:30	1		1		2		1		3		2	
09:45	1	5	0	1	1	9	0	1	2	14	0	2
10:00	3		0		2		0		5		0	
10:15	2		0		1		0		3		0	
10:30	3		0		1		0		4		0	
10:45	4	12	0	0	2	6	0	0	6	18	0	0
11:00	4		0		2		0		6		0	
11:15	2		0		3		0		5		0	
11:30	5		0		2		0		7		0	
11:45	5	16	0	0	6	13	0	0	11	29	0	0
Total	44		34		42		40		86		74	
Percent	51.2%		45.9%		48.8%		54.1%					
Day Total		78				82				160		
Peak	11:00	-	12:00	-	11:00	-	00:30	-	11:00	-	12:00	-
Vol.	16	-	9	-	13	-	9	-	29	-	17	-
P.H.F.	0.800		0.563		0.542		0.563		0.659		0.850	

Cloverfield Way
north of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman



186123 C Class
Site Code: 0771

SB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
03/09/18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:00	0	3	1	0	0	0	0	0	0	0	0	0	0	4
14:00	0	3	2	0	0	0	0	0	0	0	0	0	0	5
15:00	0	3	1	0	0	0	0	0	0	0	0	0	0	4
16:00	0	6	1	0	0	0	0	0	0	0	0	0	0	7
17:00	0	6	2	0	0	0	0	0	0	0	0	0	0	8
18:00	0	4	0	0	2	0	0	0	0	0	0	0	0	6
19:00	0	1	1	0	1	0	0	0	0	0	0	0	0	3
20:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
21:00	0	2	1	0	0	0	0	0	0	0	0	0	0	3
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	29	9	0	3	0	0	0	0	0	0	0	0	41
Percent	0.0%	70.7%	22.0%	0.0%	7.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM Peak Vol.														
PM Peak Vol.		16:00	14:00		18:00									17:00
		6	2		2									8

Cloverfield Way
north of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman



186123 C Class
Site Code: 0771

SB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
03/10/1														
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
07:00	0	4	3	0	0	0	0	0	0	0	0	0	0	7
08:00	0	4	1	0	1	0	0	0	0	0	0	0	0	6
09:00	0	6	0	0	0	0	0	0	0	0	0	0	0	6
10:00	0	3	2	0	2	0	0	0	0	0	0	0	0	7
11:00	0	5	2	0	1	0	0	0	0	0	0	0	0	8
12 PM	0	8	1	0	0	0	0	0	0	0	0	0	0	9
13:00	0	5	0	0	1	0	0	0	0	0	0	0	0	6
14:00	0	9	1	0	0	0	0	0	0	0	0	0	0	10
15:00	0	5	0	0	0	0	0	0	0	0	0	0	0	5
16:00	0	8	3	0	0	0	0	0	0	0	0	0	0	11
17:00	0	2	1	0	0	0	0	0	0	0	0	0	0	3
18:00	0	2	0	0	2	0	0	0	0	0	0	0	0	4
19:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20:00	0	1	1	0	0	0	0	0	0	0	0	0	0	2
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	64	15	0	7	0	0	0	0	0	0	0	0	86
Percent	0.0%	74.4%	17.4%	0.0%	8.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM														
Peak		09:00	07:00		10:00									11:00
Vol.		6	3		2									8
PM														
Peak		14:00	16:00		18:00									16:00
Vol.		9	3		2									11

Cloverfield Way
north of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman



186123 C Class
Site Code: 0771

SB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
03/11/1														
8	0	1	0	0	0	0	0	0	0	0	0	0	0	1
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00	0	1	1	0	0	0	0	0	0	0	0	0	0	2
08:00	0	3	1	0	1	0	0	0	0	0	0	0	0	5
09:00	0	3	2	0	0	0	0	0	0	0	0	0	0	5
10:00	0	9	3	0	0	0	0	0	0	0	0	0	0	12
11:00	0	9	7	0	0	0	0	0	0	0	0	0	0	16
12 PM	0	8	1	0	0	0	0	0	0	0	0	0	0	9
13:00	0	3	1	0	1	0	0	0	0	0	0	0	0	5
14:00	0	4	2	0	0	0	0	0	0	0	0	0	0	6
15:00	0	2	1	0	0	0	0	0	0	0	0	0	0	3
16:00	0	5	0	0	1	0	0	0	0	0	0	0	0	6
17:00	0	3	0	0	0	0	0	0	0	0	0	0	0	3
18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	56	19	0	3	0	0	0	0	0	0	0	0	78
Percent	0.0%	71.8%	24.4%	0.0%	3.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM Peak		10:00	11:00		08:00									11:00
Vol.		9	7		1									16
PM Peak		12:00	14:00		13:00									12:00
Vol.		8	2		1									9

Cloverfield Way
north of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman



186123 C Class
Site Code: 0771

NB															
Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total	
03/09/18	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:00	0	5	1	0	1	0	0	0	0	0	0	0	0	0	7
14:00	0	3	2	0	0	0	0	0	0	0	0	0	0	0	5
15:00	0	7	3	0	0	0	0	0	0	0	0	0	0	0	10
16:00	0	7	4	0	2	0	0	0	0	0	0	0	0	0	13
17:00	0	4	2	0	1	0	0	0	0	0	0	0	0	0	7
18:00	0	4	1	0	2	0	0	0	0	0	0	0	0	0	7
19:00	0	4	0	0	1	0	0	0	0	0	0	0	0	0	5
20:00	0	2	1	0	2	0	0	0	0	0	0	0	0	0	5
21:00	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
22:00	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
23:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Total	0	39	16	0	9	0	0	0	0	0	0	0	0	0	64
Percent	0.0%	60.9%	25.0%	0.0%	14.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM Peak Vol.															
PM Peak Vol.		15:00	16:00		16:00										16:00
		7	4		2										13

Cloverfield Way
north of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman



186123 C Class
Site Code: 0771

NB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
03/10/1														
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00	0	1	0	0	1	0	0	0	0	0	0	0	0	2
08:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
09:00	0	4	0	0	0	0	0	0	0	0	0	0	0	4
10:00	0	4	1	0	3	0	0	0	0	0	0	0	0	8
11:00	0	5	3	0	1	0	0	0	0	0	0	0	0	9
12 PM	0	11	1	0	4	0	0	0	0	0	0	0	0	16
13:00	0	5	1	0	1	0	0	0	0	0	0	0	0	7
14:00	0	5	0	0	0	0	0	0	0	0	0	0	0	5
15:00	0	5	1	0	0	0	0	0	0	0	0	0	0	6
16:00	0	2	1	0	1	0	0	0	0	0	0	0	0	4
17:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
18:00	0	2	0	0	3	0	0	0	0	0	0	0	0	5
19:00	0	3	1	0	0	0	0	0	0	0	0	0	0	4
20:00	0	2	2	0	0	0	0	0	0	0	0	0	0	4
21:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
22:00	0	2	0	0	1	0	0	0	0	0	0	0	0	3
23:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Total	0	57	11	0	15	0	0	0	0	0	0	0	0	83
Percent	0.0%	68.7%	13.3%	0.0%	18.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM Peak		11:00	11:00		10:00									11:00
Vol.		5	3		3									9
PM Peak		12:00	20:00		12:00									12:00
Vol.		11	2		4									16

Cloverfield Way
north of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman



186123 C Class
Site Code: 0771

NB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
03/11/1														
8	0	2	0	0	0	0	0	0	0	0	0	0	0	2
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
07:00	0	1	0	0	1	0	0	0	0	0	0	0	0	2
08:00	0	4	3	0	1	0	0	0	0	0	0	0	0	8
09:00	0	6	2	0	1	0	0	0	0	0	0	0	0	9
10:00	0	3	2	0	1	0	0	0	0	0	0	0	0	6
11:00	0	8	3	0	2	0	0	0	0	0	0	0	0	13
12 PM	0	5	0	0	3	0	0	0	0	0	0	0	0	8
13:00	0	4	1	0	0	0	0	0	0	0	0	0	0	5
14:00	0	3	2	0	1	0	0	0	0	0	0	0	0	6
15:00	0	3	0	0	1	0	0	0	0	0	0	0	0	4
16:00	0	3	1	0	1	0	0	0	0	0	0	0	0	5
17:00	0	3	1	0	0	0	0	0	0	0	0	0	0	4
18:00	0	2	0	0	1	0	0	0	0	0	0	0	0	3
19:00	0	2	1	0	0	0	0	0	0	0	0	0	0	3
20:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
21:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	53	16	0	13	0	0	0	0	0	0	0	0	82
Percent	0.0%	64.6%	19.5%	0.0%	15.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM Peak		11:00	08:00		11:00									11:00
Vol.		8	3		2									13
PM Peak		12:00	14:00		12:00									12:00
Vol.		5	2		3									8



46 Morton Street, Framingham, MA 01702
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

SB[illegible]

AM
Peak
Vol.

PM	14:00	16:00	15:00	18:00	17:00	17:00
Peak						
Vol.	2	4	3	3	1	8

Stats	15th Percentile :	20 MPH
	50th Percentile :	26 MPH
	85th Percentile :	31 MPH
	95th Percentile :	33 MPH
	Mean Speed(Average) :	27 MPH
	10 MPH Pace Speed :	20-29 MPH
	Number in Pace :	27
	Percent in Pace :	65.9%
	Number of Vehicles > 30 MPH :	9
	Percent of Vehicles > 30 MPH :	22.4%

Cloverfield Way
north of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman



186123 C Speed
Site Code: 0771

SB	Start Time	14	15	19	20	24	25	29	30	34	35	39	40	44	45	49	50	54	55	59	60	64	65	69	70	9999	Total	85th % ile	Ave Speed
03/10/																													
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	23	22	
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
06:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	33	32	
07:00	0	0	2	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	33	28	
08:00	0	0	1	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	32	29	
09:00	0	0	0	2	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	32	30	
10:00	0	0	1	5	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	28	28	
11:00	1	1	2	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	32	24	
12 PM	0	0	1	2	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	32	30	
13:00	0	2	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	29	23	
14:00	0	1	2	4	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	32	27	
15:00	0	0	0	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	35	30	
16:00	0	2	3	5	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	28	25	
17:00	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	28	27	
18:00	0	0	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	31	26	
19:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*	
20:00	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	27	25	
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*	
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*	
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*	
Total	1	6	18	33	23	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	86			
%	1.2%	7.0%	20.9%	38.4%	26.7%	5.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%				
AM Peak	11:00	11:00	07:00	10:00	09:00	07:00																				11:00			
Vol.	1	1	2	5	4	1																				8			
PM Peak		13:00	16:00	16:00	12:00	14:00																				16:00			
Vol.		2	3	5	6	1																				11			

Stats

15th Percentile :	20 MPH
50th Percentile :	26 MPH
85th Percentile :	32 MPH
95th Percentile :	34 MPH
Mean Speed(Average) :	27 MPH
10 MPH Pace Speed :	25-34 MPH
Number in Pace :	56
Percent in Pace :	65.1%
Number of Vehicles > 30 MPH :	23
Percent of Vehicles > 30 MPH :	27.2%



PRECISION
D A T A
INDUSTRIES, LLC

46 Morton Street, Framingham, MA 01702
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

Cloverfield Way
north of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman

186123 C Speed
Site Code: 0771

SB

Start Time	1 14	15 19	20 24	25 29	30 34	35 39	40 44	45 49	50 54	55 59	60 64	65 69	70 9999	Total	85th % ile	Ave Speed
03/11/ 18	0	0	0	0	1	0	0	0	0	0	0	0	0	1	33	32
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	1	0	0	0	0	0	0	0	0	1	33	32
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	1	1	0	0	0	0	0	0	0	0	2	32	30
06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
07:00	0	0	0	2	0	0	0	0	0	0	0	0	0	2	28	27
08:00	0	0	0	3	2	0	0	0	0	0	0	0	0	5	32	29
09:00	0	0	3	1	1	0	0	0	0	0	0	0	0	5	30	25
10:00	0	1	6	4	1	0	0	0	0	0	0	0	0	12	27	24
11:00	2	0	3	7	3	1	0	0	0	0	0	0	0	16	31	25
12 PM	0	0	3	4	2	0	0	0	0	0	0	0	0	9	30	26
13:00	0	0	2	1	2	0	0	0	0	0	0	0	0	5	32	27
14:00	0	0	1	3	2	0	0	0	0	0	0	0	0	6	31	28
15:00	0	0	1	1	1	0	0	0	0	0	0	0	0	3	31	27
16:00	0	1	1	1	3	0	0	0	0	0	0	0	0	6	32	27
17:00	0	0	0	2	1	0	0	0	0	0	0	0	0	3	31	29
18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
19:00	0	0	0	1	0	0	0	0	0	0	0	0	0	1	28	27
20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
21:00	0	0	0	1	0	0	0	0	0	0	0	0	0	1	28	27
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
Total	2	2	20	32	21	1	0	0	0	0	0	0	0	78		
%	2.6%	2.6%	25.6%	41.0%	26.9%	1.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	11:00	10:00	10:00	11:00	11:00	11:00								11:00		
Vol.	2	1	6	7	3	1								16		
PM Peak		16:00	12:00	12:00	16:00									12:00		
Vol.		1	3	4	3									9		

Stats

15th Percentile :	20 MPH
50th Percentile :	26 MPH
85th Percentile :	31 MPH
95th Percentile :	33 MPH
Mean Speed(Average) :	26 MPH
10 MPH Pace Speed :	25-34 MPH
Number in Pace :	53
Percent in Pace :	67.9%
Number of Vehicles > 30 MPH :	18
Percent of Vehicles > 30 MPH :	22.8%



PRECISION
D A T A
INDUSTRIES, LLC

46 Morton Street, Framingham, MA 01702
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Cloverfield Way
north of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman

186123 C Speed
Site Code: 0771

NB

Start Time	1 14	15 19	20 24	25 29	30 34	35 39	40 44	45 49	50 54	55 59	60 64	65 69	70 9999	Total	85th % ile	Ave Speed
03/09/																
18	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:00	1	1	2	1	2	0	0	0	0	0	0	0	0	7	31	23
14:00	0	1	3	1	0	0	0	0	0	0	0	0	0	5	25	22
15:00	0	0	2	8	0	0	0	0	0	0	0	0	0	10	28	26
16:00	1	0	2	9	1	0	0	0	0	0	0	0	0	13	28	25
17:00	0	0	3	3	1	0	0	0	0	0	0	0	0	7	28	26
18:00	0	0	2	3	2	0	0	0	0	0	0	0	0	7	31	27
19:00	0	1	0	4	0	0	0	0	0	0	0	0	0	5	28	25
20:00	0	1	2	1	0	0	0	1	0	0	0	0	0	5	45	27
21:00	0	0	0	2	0	0	0	0	0	0	0	0	0	2	28	27
22:00	0	0	0	2	0	0	0	0	0	0	0	0	0	2	28	27
23:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1	18	17
Total	2	5	16	34	6	0	0	1	0	0	0	0	0	64		
%	3.1%	7.8%	25.0%	53.1%	9.4%	0.0%	0.0%	1.6%	0.0%	0.0%	0.0%	0.0%	0.0%			

AM
Peak
Vol.

PM Peak Vol.	13:00	13:00	14:00	16:00	13:00	20:00	16:00
	1	1	3	9	2	1	13

Stats

15th Percentile : 19 MPH
50th Percentile : 25 MPH
85th Percentile : 28 MPH
95th Percentile : 32 MPH

Mean Speed(Average) : 25 MPH
10 MPH Pace Speed : 20-29 MPH
Number in Pace : 50
Percent in Pace : 78.1%
Number of Vehicles > 30 MPH : 6
Percent of Vehicles > 30 MPH : 9.1%



PRECISION
D A T A
INDUSTRIES, LLC

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Cloverfield Way
north of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman

186123 C Speed
Site Code: 0771

NB

Start Time	1 14	15 19	20 24	25 29	30 34	35 39	40 44	45 49	50 54	55 59	60 64	65 69	70 9999	Total	85th % ile	Ave Speed
03/10/ 18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
01:00	0	0	0	1	0	0	0	0	0	0	0	0	0	1	28	27
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	1	0	0	0	0	0	0	0	0	1	33	32
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
07:00	0	0	0	1	1	0	0	0	0	0	0	0	0	2	32	30
08:00	0	0	1	0	0	0	0	0	0	0	0	0	0	1	23	22
09:00	0	0	1	0	3	0	0	0	0	0	0	0	0	4	33	30
10:00	0	1	2	4	0	1	0	0	0	0	0	0	0	8	28	26
11:00	1	2	1	4	1	0	0	0	0	0	0	0	0	9	28	23
12 PM	1	0	4	7	2	2	0	0	0	0	0	0	0	16	32	26
13:00	0	0	2	4	1	0	0	0	0	0	0	0	0	7	28	26
14:00	0	0	3	0	2	0	0	0	0	0	0	0	0	5	32	26
15:00	0	0	3	2	1	0	0	0	0	0	0	0	0	6	29	25
16:00	0	2	0	0	0	2	0	0	0	0	0	0	0	4	37	27
17:00	0	0	0	1	0	0	0	0	0	0	0	0	0	1	28	27
18:00	0	0	2	2	1	0	0	0	0	0	0	0	0	5	30	26
19:00	0	0	1	2	1	0	0	0	0	0	0	0	0	4	31	27
20:00	0	1	0	1	2	0	0	0	0	0	0	0	0	4	32	27
21:00	0	0	0	0	1	0	0	0	0	0	0	0	0	1	33	32
22:00	1	0	0	1	1	0	0	0	0	0	0	0	0	3	31	22
23:00	0	0	0	1	0	0	0	0	0	0	0	0	0	1	28	27
Total	3	6	20	31	18	5	0	0	0	0	0	0	0	83		
%	3.6%	7.2%	24.1%	37.3%	21.7%	6.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	11:00	11:00	10:00	10:00	09:00	10:00								11:00		
Vol.	1	2	2	4	3	1								9		
PM Peak	12:00	16:00	12:00	12:00	12:00	12:00								12:00		
Vol.	1	2	4	7	2	2								16		

Stats

15th Percentile :	19 MPH
50th Percentile :	26 MPH
85th Percentile :	31 MPH
95th Percentile :	34 MPH
Mean Speed(Average) :	26 MPH
10 MPH Pace Speed :	20-29 MPH
Number in Pace :	51
Percent in Pace :	61.4%
Number of Vehicles > 30 MPH :	19
Percent of Vehicles > 30 MPH :	23.4%

Cloverfield Way
north of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman



186123 C Speed
Site Code: 0771

NB	Start Time	14	15	20	25	30	35	40	45	50	55	60	65	70	Total	85th % ile	Ave Speed
		14	19	24	29	34	39	44	49	54	59	64	69	9999			
03/11/																	
18	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2	28	27
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	38	37
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
06:00	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	28	27
07:00	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2	28	27
08:00	0	0	1	3	3	0	0	1	0	0	0	0	0	0	8	33	30
09:00	0	0	4	5	0	0	0	0	0	0	0	0	0	0	9	27	25
10:00	0	0	5	1	0	0	0	0	0	0	0	0	0	0	6	24	23
11:00	0	1	2	6	4	0	0	0	0	0	0	0	0	0	13	31	27
12 PM	0	2	0	3	3	0	0	0	0	0	0	0	0	0	8	32	26
13:00	0	0	3	1	1	0	0	0	0	0	0	0	0	0	5	30	25
14:00	0	0	1	3	2	0	0	0	0	0	0	0	0	0	6	31	28
15:00	1	0	1	0	2	0	0	0	0	0	0	0	0	0	4	32	23
16:00	0	0	2	1	2	0	0	0	0	0	0	0	0	0	5	32	27
17:00	0	0	0	4	0	0	0	0	0	0	0	0	0	0	4	28	27
18:00	0	0	0	3	0	0	0	0	0	0	0	0	0	0	3	28	27
19:00	0	0	0	2	1	0	0	0	0	0	0	0	0	0	3	31	29
20:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	23	22
21:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	33	32
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
Total	1	3	20	37	19	1	1	0	0	0	0	0	0	0	82		
%	1.2%	3.7%	24.4%	45.1%	23.2%	1.2%	1.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak		11:00	10:00	11:00	11:00	03:00	08:00								11:00		
Vol.		1	5	6	4	1	1								13		
PM Peak	15:00	12:00	13:00	17:00	12:00										12:00		
Vol.	1	2	3	4	3										8		

Stats

15th Percentile :	21 MPH
50th Percentile :	26 MPH
85th Percentile :	31 MPH
95th Percentile :	33 MPH
Mean Speed(Average) :	27 MPH
10 MPH Pace Speed :	20-29 MPH
Number in Pace :	57
Percent in Pace :	69.5%
Number of Vehicles > 30 MPH :	17
Percent of Vehicles > 30 MPH :	21.0%

Nathan Ellis Highway (Route 151)
west of Currier Road
City, State: Falmouth, MA
Client: TEC/ L. Oltman



186123 D Volume
Site Code: T0771

Start	EB				WB				Combined		03/09/18		
Time	A.M.		P.M.		A.M.		P.M.		A.M.	P.M.	Fri		
12:00	*		*		*		*		*	*			
12:15	*		*		*		*		*	*			
12:30	*		*		*		*		*	*			
12:45	*	0	*	0	*	0	*	0	*	*	0		
01:00	*		*		*		*		*	*			
01:15	*		*		*		*		*	*			
01:30	*		*		*		*		*	*			
01:45	*	0	*	0	*	0	*	0	*	*	0		
02:00	*		*		*		*		*	*			
02:15	*		*		*		*		*	*			
02:30	*		*		*		*		*	*			
02:45	*	0	*	0	*	0	*	0	*	*	0		
03:00	*		193		*		169		*	362			
03:15	*		166		*		179		*	345			
03:30	*		172		*		206		*	378			
03:45	*	0	164	695	*	0	166	720	*	330	1415		
04:00	*		181		*		199		*	380			
04:15	*		169		*		252		*	421			
04:30	*		171		*		232		*	403			
04:45	*	0	151	672	*	0	220	903	*	371	1575		
05:00	*		165		*		227		*	392			
05:15	*		153		*		228		*	381			
05:30	*		138		*		189		*	327			
05:45	*	0	142	598	*	0	176	820	*	318	1418		
06:00	*		111		*		198		*	309			
06:15	*		95		*		181		*	276			
06:30	*		97		*		129		*	226			
06:45	*	0	115	418	*	0	128	636	*	243	1054		
07:00	*		91		*		104		*	195			
07:15	*		97		*		105		*	202			
07:30	*		78		*		60		*	138			
07:45	*	0	57	323	*	0	84	353	*	141	676		
08:00	*		50		*		70		*	120			
08:15	*		57		*		56		*	113			
08:30	*		79		*		61		*	140			
08:45	*	0	84	270	*	0	59	246	*	143	516		
09:00	*		77		*		57		*	134			
09:15	*		61		*		62		*	123			
09:30	*		45		*		55		*	100			
09:45	*	0	63	246	*	0	63	237	*	126	483		
10:00	*		56		*		50		*	106			
10:15	*		39		*		48		*	87			
10:30	*		27		*		30		*	57			
10:45	*	0	34	156	*	0	26	154	*	60	310		
11:00	*		31		*		26		*	57			
11:15	*		20		*		28		*	48			
11:30	*		19		*		21		*	40			
11:45	*	0	10	80	*	0	18	93	*	28	173		
Total	0		3458		0		4162		0	7620			
Percent	0.0%		45.4%		0.0%		54.6%						
Day Total			3458				4162			7620			
Peak	-	-	03:00	-	-	-	04:15	-	-	-	04:15	-	-
Vol.	-	-	695	-	-	-	931	-	-	-	1587	-	-
P.H.F.			0.900				0.924				0.942		

Nathan Ellis Highway (Route 151)
west of Currier Road
City, State: Falmouth, MA
Client: TEC/ L. Oltman



186123 D Volume
Site Code: T0771

Start		EB		WB		Combin ed		03/10/18	
Time	A.M.	P.M.		A.M.	P.M.	A.M.	P.M.	Sat	
12:00	14	159		17	155	31	314		
12:15	12	160		18	163	30	323		
12:30	8	146		8	145	16	291		
12:45	13	147	612	11	150	24	297	1225	
01:00	10	170		6	158	16	328		
01:15	10	162		7	139	17	301		
01:30	6	155		7	129	13	284		
01:45	5	135	622	5	144	10	279	1192	
02:00	4	176		6	126	10	302		
02:15	5	142		5	165	10	307		
02:30	5	172		5	137	10	309		
02:45	2	141	631	4	139	6	280	1198	
03:00	5	138		5	146	10	284		
03:15	3	155		6	134	9	289		
03:30	5	169		8	151	13	320		
03:45	4	152	614	8	125	12	277	1170	
04:00	4	145		5	122	9	267		
04:15	6	120		4	118	10	238		
04:30	8	131		4	138	12	269		
04:45	10	123	519	6	121	16	244	1018	
05:00	7	126		3	161	10	287		
05:15	16	114		7	117	23	231		
05:30	27	106		14	128	41	234		
05:45	18	104	450	15	110	33	214	966	
06:00	19	89		13	114	32	203		
06:15	36	116		37	118	73	234		
06:30	63	96		48	103	111	199		
06:45	74	72	373	59	74	133	146	782	
07:00	64	70		55	72	119	142		
07:15	88	72		69	77	157	149		
07:30	109	63		86	74	195	137		
07:45	97	59	264	74	49	171	108	536	
08:00	92	57		86	59	178	116		
08:15	89	43		105	62	194	105		
08:30	101	49		114	62	215	111		
08:45	130	49	198	112	56	242	105	437	
09:00	94	58		111	43	205	101		
09:15	117	56		111	63	228	119		
09:30	107	51		115	59	222	110		
09:45	122	56	221	126	46	248	102	432	
10:00	128	33		139	45	267	78		
10:15	115	35		131	26	246	61		
10:30	148	34		148	37	296	71		
10:45	144	30	132	138	27	282	57	267	
11:00	122	27		154	35	276	62		
11:15	140	19		136	29	276	48		
11:30	125	18		140	25	265	43		
11:45	160	17	81	164	24	324	41	194	
Total	2691	4717		2655	4700	5346	9417		
Percent	50.3%	50.1%		49.7%	49.9%				
Day Total		7408		7355		14763			
Peak	10:30	-	00:45	-	11:00	-	00:15	-	-
Vol.	554	-	634	-	594	-	1239	-	-
P.H.F.	0.936	-	0.932	-	0.905	-	0.944	-	-

Nathan Ellis Highway (Route 151)
west of Currier Road
City, State: Falmouth, MA
Client: TEC/ L. Oltman



186123 D Volume
Site Code: T0771

Start	EB		WB		Combined		03/11/18
Time	A.M.	P.M.	A.M.	P.M.	A.M.	P.M.	Sun
12:00	19	124	16	101	35	225	
12:15	13	166	15	136	28	302	
12:30	16	147	21	123	37	270	
12:45	9	142	13	106	22	248	1045
01:00	15	136	17	139	32	275	
01:15	10	137	4	117	14	254	
01:30	6	171	14	111	20	282	
01:45	11	147	8	124	19	271	1082
02:00	6	132	3	122	9	254	
02:15	7	133	9	131	16	264	
02:30	6	143	9	112	15	255	
02:45	2	125	9	104	11	229	1002
03:00	5	121	4	108	9	229	
03:15	2	123	5	135	7	258	
03:30	4	137	5	100	9	237	
03:45	8	119	3	113	11	232	956
04:00	4	136	2	119	6	255	
04:15	9	103	6	149	15	252	
04:30	13	83	5	101	18	184	
04:45	11	97	10	108	21	205	896
05:00	16	107	12	103	28	210	
05:15	22	104	8	101	30	205	
05:30	35	97	17	96	52	193	
05:45	27	84	11	90	38	174	782
06:00	25	79	20	94	45	173	
06:15	27	61	25	67	52	128	
06:30	38	54	36	54	74	108	
06:45	52	68	45	64	97	132	541
07:00	56	48	47	50	103	98	
07:15	53	63	58	62	111	125	
07:30	84	52	72	55	156	107	
07:45	83	41	71	52	154	93	423
08:00	78	54	61	40	139	94	
08:15	73	37	62	36	135	73	
08:30	121	27	72	24	193	51	
08:45	123	30	72	28	195	58	276
09:00	101	29	99	21	200	50	
09:15	142	27	119	21	261	48	
09:30	119	24	126	17	245	41	
09:45	117	18	134	20	251	38	177
10:00	110	11	117	17	227	28	
10:15	115	10	123	19	238	29	
10:30	142	5	136	10	278	15	
10:45	131	5	132	13	263	18	90
11:00	154	1	121	7	275	8	
11:15	173	5	139	8	312	13	
11:30	161	7	121	6	282	13	
11:45	150	8	150	4	300	12	46
Total	2704	3778	2384	3538	5088	7316	
Percent	53.1%	51.6%	46.9%	48.4%			
Day Total		6482		5922		12404	
Peak	11:00	-	00:15	-	11:00	-	-
Vol.	638	-	531	-	504	-	-
P.H.F.	0.922	-	0.885	-	0.906	-	-

Nathan Ellis Highway (Route 151)
west of Currier Road
City, State: Falmouth, MA
Client: TEC/ L. Oltman



186123 D Class
Site Code: T0771

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
EB														
03/09/18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:00	5	476	127	6	63	11	1	5	1	0	0	0	0	695
16:00	9	489	101	3	55	9	2	4	0	0	0	0	0	672
17:00	13	439	103	1	38	4	0	0	0	0	0	0	0	598
18:00	6	335	56	1	19	1	0	0	0	0	0	0	0	418
19:00	0	237	60	0	25	1	0	0	0	0	0	0	0	323
20:00	0	202	51	0	16	0	0	0	1	0	0	0	0	270
21:00	1	182	43	3	14	1	0	1	1	0	0	0	0	246
22:00	1	118	24	0	12	0	0	0	1	0	0	0	0	156
23:00	0	67	9	0	3	0	0	0	1	0	0	0	0	80
Total	35	2545	574	14	245	27	3	10	5	0	0	0	0	3458
Percent	1.0%	73.6%	16.6%	0.4%	7.1%	0.8%	0.1%	0.3%	0.1%	0.0%	0.0%	0.0%	0.0%	
AM Peak Vol.														
PM Peak Vol.	17:00	16:00	15:00	15:00	15:00	15:00	16:00	15:00	15:00					15:00
	13	489	127	6	63	11	2	5	1					695

Nathan Ellis Highway (Route 151)
west of Currier Road
City, State: Falmouth, MA
Client: TEC/ L. Oltman



186123 D Class
Site Code: T0771

EB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
03/10/1														
8	0	36	7	0	4	0	0	0	0	0	0	0	0	47
01:00	0	17	10	0	4	0	0	0	0	0	0	0	0	31
02:00	0	14	1	0	1	0	0	0	0	0	0	0	0	16
03:00	0	11	2	0	4	0	0	0	0	0	0	0	0	17
04:00	0	18	4	1	5	0	0	0	0	0	0	0	0	28
05:00	0	42	15	0	11	0	0	0	0	0	0	0	0	68
06:00	1	123	41	0	23	3	0	1	0	0	0	0	0	192
07:00	2	248	57	1	42	1	0	5	2	0	0	0	0	358
08:00	1	281	77	1	47	2	0	3	0	0	0	0	0	412
09:00	3	308	78	2	42	2	0	4	1	0	0	0	0	440
10:00	3	398	77	4	47	5	0	0	0	1	0	0	0	535
11:00	4	408	80	5	40	5	0	4	0	1	0	0	0	547
12 PM	5	447	95	4	52	3	0	5	1	0	0	0	0	612
13:00	9	463	104	1	40	2	0	1	2	0	0	0	0	622
14:00	5	464	110	0	46	4	0	2	0	0	0	0	0	631
15:00	6	488	89	0	28	1	0	1	1	0	0	0	0	614
16:00	2	414	69	1	31	1	0	1	0	0	0	0	0	519
17:00	1	354	64	1	30	0	0	0	0	0	0	0	0	450
18:00	2	295	47	1	26	1	0	1	0	0	0	0	0	373
19:00	2	206	38	0	18	0	0	0	0	0	0	0	0	264
20:00	1	162	25	0	9	0	0	0	1	0	0	0	0	198
21:00	0	180	30	0	9	0	0	1	1	0	0	0	0	221
22:00	2	112	15	0	2	0	0	0	1	0	0	0	0	132
23:00	0	64	9	0	8	0	0	0	0	0	0	0	0	81
Total	49	5553	1144	22	569	30	0	29	10	2	0	0	0	7408
Percent	0.7%	75.0%	15.4%	0.3%	7.7%	0.4%	0.0%	0.4%	0.1%	0.0%	0.0%	0.0%	0.0%	
AM Peak	11:00	11:00	11:00	11:00	08:00	10:00		07:00	07:00	10:00				11:00
Vol.	4	408	80	5	47	5		5	2	1				547
PM Peak	13:00	15:00	14:00	12:00	12:00	14:00		12:00	13:00					14:00
Vol.	9	488	110	4	52	4		5	2					631

Nathan Ellis Highway (Route 151)
west of Currier Road
City, State: Falmouth, MA
Client: TEC/ L. Oltman



186123 D Class
Site Code: T0771

EB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
03/11/1														
8	0	46	7	0	4	0	0	0	0	0	0	0	0	57
01:00	0	28	9	0	5	0	0	0	0	0	0	0	0	42
02:00	0	15	3	0	3	0	0	0	0	0	0	0	0	21
03:00	0	12	3	0	4	0	0	0	0	0	0	0	0	19
04:00	0	28	4	0	5	0	0	0	0	0	0	0	0	37
05:00	0	79	13	0	8	0	0	0	0	0	0	0	0	100
06:00	0	106	18	0	17	0	0	0	1	0	0	0	0	142
07:00	0	189	54	0	30	1	0	2	0	0	0	0	0	276
08:00	0	279	77	1	32	4	0	2	0	0	0	0	0	395
09:00	6	358	80	0	30	4	0	1	0	0	0	0	0	479
10:00	2	370	76	0	49	1	0	0	0	0	0	0	0	498
11:00	3	494	92	0	45	3	0	1	0	0	0	0	0	638
12 PM	5	444	88	0	38	4	0	0	0	0	0	0	0	579
13:00	1	461	88	0	36	2	0	0	3	0	0	0	0	591
14:00	3	423	77	0	24	3	1	1	1	0	0	0	0	533
15:00	4	399	68	1	24	0	0	4	0	0	0	0	0	500
16:00	9	339	53	0	18	0	0	0	0	0	0	0	0	419
17:00	1	320	57	0	13	0	0	0	1	0	0	0	0	392
18:00	1	207	38	0	16	0	0	0	0	0	0	0	0	262
19:00	1	163	30	0	10	0	0	0	0	0	0	0	0	204
20:00	1	117	14	1	15	0	0	0	0	0	0	0	0	148
21:00	0	75	19	0	2	0	0	0	2	0	0	0	0	98
22:00	0	24	5	0	1	0	0	0	1	0	0	0	0	31
23:00	0	17	0	0	4	0	0	0	0	0	0	0	0	21
Total	37	4993	973	3	433	22	1	11	9	0	0	0	0	6482
Percent	0.6%	77.0%	15.0%	0.0%	6.7%	0.3%	0.0%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	
AM Peak	09:00	11:00	11:00	08:00	10:00	08:00		07:00	06:00					11:00
Vol.	6	494	92	1	49	4		2	1					638
PM Peak	16:00	13:00	12:00	15:00	12:00	12:00	14:00	15:00	13:00					13:00
Vol.	9	461	88	1	38	4	1	4	3					591

Nathan Ellis Highway (Route 151)
west of Currier Road
City, State: Falmouth, MA
Client: TEC/ L. Oltman



186123 D Class
Site Code: T0771

WB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
03/09/18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:00	11	538	120	4	39	3	2	1	2	0	0	0	0	720
16:00	10	679	152	3	50	2	1	4	2	0	0	0	0	903
17:00	12	629	138	1	37	3	0	0	0	0	0	0	0	820
18:00	4	483	117	0	29	3	0	0	0	0	0	0	0	636
19:00	1	269	71	0	12	0	0	0	0	0	0	0	0	353
20:00	0	189	41	0	16	0	0	0	0	0	0	0	0	246
21:00	0	180	43	0	13	0	0	0	1	0	0	0	0	237
22:00	1	120	29	0	3	0	0	0	1	0	0	0	0	154
23:00	0	78	14	0	1	0	0	0	0	0	0	0	0	93
Total	39	3165	725	8	200	11	3	5	6	0	0	0	0	4162
Percent	0.9%	76.0%	17.4%	0.2%	4.8%	0.3%	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	
AM Peak Vol.														
PM Peak Vol.	17:00	16:00	16:00	15:00	16:00	15:00	15:00	16:00	15:00					16:00
	12	679	152	4	50	3	2	4	2					903

Nathan Ellis Highway (Route 151)
west of Currier Road
City, State: Falmouth, MA
Client: TEC/ L. Oltman



186123 D Class
Site Code: T0771

WB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
03/10/1														
8	0	46	7	0	1	0	0	0	0	0	0	0	0	54
01:00	0	15	7	0	3	0	0	0	0	0	0	0	0	25
02:00	0	14	4	0	1	1	0	0	0	0	0	0	0	20
03:00	0	17	3	0	6	0	0	0	1	0	0	0	0	27
04:00	0	13	2	0	2	0	0	0	2	0	0	0	0	19
05:00	0	23	10	1	4	0	0	0	1	0	0	0	0	39
06:00	1	103	39	1	10	2	0	0	1	0	0	0	0	157
07:00	2	191	72	1	17	1	0	0	0	0	0	0	0	284
08:00	0	301	92	4	20	0	0	0	0	0	0	0	0	417
09:00	2	344	87	1	27	0	0	2	0	0	0	0	0	463
10:00	4	425	98	4	19	4	1	0	0	1	0	0	0	556
11:00	3	458	106	0	24	2	0	1	0	0	0	0	0	594
12 PM	5	462	117	1	23	0	0	5	0	0	0	0	0	613
13:00	4	440	103	0	20	1	0	2	0	0	0	0	0	570
14:00	3	451	89	1	19	0	0	3	1	0	0	0	0	567
15:00	7	412	104	0	30	2	0	1	0	0	0	0	0	556
16:00	3	393	90	0	12	0	0	1	0	0	0	0	0	499
17:00	0	411	84	3	16	0	0	1	1	0	0	0	0	516
18:00	0	312	86	0	11	0	0	0	0	0	0	0	0	409
19:00	1	218	43	0	10	0	0	0	0	0	0	0	0	272
20:00	0	192	40	1	6	0	0	0	0	0	0	0	0	239
21:00	0	175	32	0	4	0	0	0	0	0	0	0	0	211
22:00	0	114	15	0	6	0	0	0	0	0	0	0	0	135
23:00	0	91	20	0	2	0	0	0	0	0	0	0	0	113
Total	35	5621	1350	18	293	13	1	16	7	1	0	0	0	7355
Percent	0.5%	76.4%	18.4%	0.2%	4.0%	0.2%	0.0%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	
AM Peak	10:00	11:00	11:00	08:00	09:00	10:00	10:00	09:00	04:00	10:00				11:00
Vol.	4	458	106	4	27	4	1	2	2	1				594
PM Peak	15:00	12:00	12:00	17:00	15:00	15:00		12:00	14:00					12:00
Vol.	7	462	117	3	30	2		5	1					613

Nathan Ellis Highway (Route 151)
west of Currier Road
City, State: Falmouth, MA
Client: TEC/ L. Oltman



186123 D Class
Site Code: T0771

WB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
03/11/1														
8	0	53	9	0	3	0	0	0	0	0	0	0	0	65
01:00	0	31	10	0	1	1	0	0	0	0	0	0	0	43
02:00	0	21	6	0	3	0	0	0	0	0	0	0	0	30
03:00	0	11	5	1	0	0	0	0	0	0	0	0	0	17
04:00	0	18	4	0	0	0	0	0	1	0	0	0	0	23
05:00	0	36	9	0	2	0	0	1	0	0	0	0	0	48
06:00	0	92	27	0	7	0	0	0	0	0	0	0	0	126
07:00	2	181	47	0	16	2	0	0	0	0	0	0	0	248
08:00	2	196	58	0	10	1	0	0	0	0	0	0	0	267
09:00	2	374	82	0	18	1	0	1	0	0	0	0	0	478
10:00	0	403	90	1	12	2	0	0	0	0	0	0	0	508
11:00	8	413	92	0	15	2	0	1	0	0	0	0	0	531
12 PM	6	366	83	0	10	0	0	1	0	0	0	0	0	466
13:00	7	375	95	0	12	1	0	1	0	0	0	0	0	491
14:00	2	373	81	1	10	2	0	0	0	0	0	0	0	469
15:00	4	367	67	0	17	0	0	1	0	0	0	0	0	456
16:00	3	376	80	0	15	1	0	1	1	0	0	0	0	477
17:00	0	312	66	0	11	1	0	0	0	0	0	0	0	390
18:00	2	220	46	0	10	0	0	0	1	0	0	0	0	279
19:00	1	169	38	0	11	0	0	0	0	0	0	0	0	219
20:00	1	92	30	0	5	0	0	0	0	0	0	0	0	128
21:00	0	65	11	0	1	0	0	0	2	0	0	0	0	79
22:00	0	45	7	0	7	0	0	0	0	0	0	0	0	59
23:00	0	20	5	0	0	0	0	0	0	0	0	0	0	25
Total	40	4609	1048	3	196	14	0	7	5	0	0	0	0	5922
Percent	0.7%	77.8%	17.7%	0.1%	3.3%	0.2%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	
AM Peak	11:00	11:00	11:00	03:00	09:00	07:00		05:00	04:00					11:00
Vol.	8	413	92	1	18	2		1	1					531
PM Peak	13:00	16:00	13:00	14:00	15:00	14:00		12:00	21:00					13:00
Vol.	7	376	95	1	17	2		1	2					491

Nathan Ellis Highway (Route 151)
 west of Currier Road
 City, State: Falmouth, MA
 Client: TEC/ L. Oltman



186123 D Speed
 Site Code: T0771

EB	Start Time	14	15	20	25	30	35	40	45	50	55	60	65	70	Total	85th % ile	Ave Speed
03/09/18	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:00	0	0	0	12	48	91	241	240	62	0	0	0	1	695	48	43	
16:00	0	1	2	4	46	106	227	224	54	7	1	0	0	672	48	43	
17:00	0	3	1	5	28	97	197	204	58	5	0	0	0	598	48	43	
18:00	0	0	0	8	27	69	178	111	23	2	0	0	0	418	47	42	
19:00	0	0	0	10	5	29	110	126	37	3	3	0	0	323	48	44	
20:00	0	0	1	1	22	23	78	106	33	4	1	0	1	270	48	44	
21:00	0	0	0	2	6	18	56	110	47	6	1	0	0	246	50	46	
22:00	0	0	0	2	6	9	34	68	31	5	0	0	1	156	51	46	
23:00	0	0	0	3	4	3	14	28	19	7	2	0	0	80	53	47	
Total	0	4	4	47	192	445	1135	1217	364	39	8	0	3	3458			
%	0.0%	0.1%	0.1%	1.4%	5.6%	12.9%	32.8%	35.2%	10.5%	1.1%	0.2%	0.0%	0.1%				
AM Peak Vol.																	
PM Peak Vol.	17:00	16:00	15:00	15:00	16:00	15:00	15:00	15:00	15:00	16:00	19:00		15:00	15:00			
	3	2	12	48	106	241	240	62	7	3			1	695			

Stats

15th Percentile :	37 MPH
50th Percentile :	43 MPH
85th Percentile :	48 MPH
95th Percentile :	52 MPH
Mean Speed(Average) :	44 MPH
10 MPH Pace Speed :	40-49 MPH
Number in Pace :	2352
Percent in Pace :	68.0%
Number of Vehicles > 50 MPH :	341
Percent of Vehicles > 50 MPH :	9.9%

Nathan Ellis Highway (Route 151)
west of Currier Road
City, State: Falmouth, MA
Client: TEC/ L. Oltman



186123 D Speed
Site Code: T0771

EB	Start Time	14	15	20	25	30	35	40	45	50	55	60	65	70	Total	85th % ile	Ave Speed
		14	19	24	29	34	39	44	49	54	59	64	69	9999			
03/10/																	
18	0	0	0	0	0	0	2	8	18	14	4	0	0	1	47	52	48
01:00	0	0	0	2	0	1	5	7	11	3	0	1	1	1	31	53	48
02:00	0	0	0	0	0	3	2	4	3	1	0	3	0	0	16	65	50
03:00	0	0	0	4	1	0	0	4	6	1	1	0	0	0	17	53	45
04:00	0	0	0	1	1	0	3	11	5	5	2	0	0	0	28	56	49
05:00	0	0	0	1	6	3	10	22	17	7	2	0	0	0	68	53	47
06:00	0	2	0	2	9	10	17	41	81	24	5	1	0	0	192	54	49
07:00	0	0	1	2	15	25	47	136	101	29	1	0	1	1	358	52	47
08:00	0	0	0	9	28	14	66	209	75	11	0	0	0	0	412	50	46
09:00	0	1	1	1	21	39	105	183	79	8	2	0	0	0	440	50	45
10:00	0	0	0	5	27	57	149	223	65	9	0	0	0	0	535	48	44
11:00	0	0	0	4	27	58	161	204	82	11	0	0	0	0	547	49	45
12 PM	0	1	1	5	30	61	179	242	84	8	0	1	0	0	612	49	44
13:00	0	0	0	4	22	35	167	265	109	17	3	0	0	0	622	50	46
14:00	0	0	0	9	40	54	224	235	56	11	2	0	0	0	631	48	44
15:00	0	1	0	3	22	51	203	252	71	11	0	0	0	0	614	48	45
16:00	0	0	0	6	23	33	135	213	99	10	0	0	0	0	519	50	45
17:00	0	0	0	7	31	48	124	178	55	6	0	1	0	0	450	48	44
18:00	0	0	0	4	12	42	136	146	32	1	0	0	0	0	373	48	44
19:00	0	0	0	2	16	40	71	94	34	6	1	0	0	0	264	49	44
20:00	0	0	0	2	9	29	51	58	45	3	1	0	0	0	198	51	45
21:00	0	0	0	2	6	11	54	95	43	10	0	0	0	0	221	51	46
22:00	0	0	0	2	7	5	29	55	29	3	1	1	0	0	132	51	46
23:00	0	0	0	3	5	2	11	26	26	4	3	1	0	0	81	53	47
Total	0	5	3	80	358	623	1957	2921	1222	203	24	9	3	3	7408		
%	0.0%	0.1%	0.0%	1.1%	4.8%	8.4%	26.4%	39.4%	16.5%	2.7%	0.3%	0.1%	0.0%				
AM Peak		06:00	07:00	08:00	08:00	11:00	11:00	10:00	07:00	07:00	06:00	02:00	00:00	11:00			
Vol.		2	1	9	28	58	161	223	101	29	5	3	1	547			
PM Peak		12:00	12:00	14:00	14:00	12:00	14:00	13:00	13:00	13:00	13:00	12:00		14:00			
Vol.		1	1	9	40	61	224	265	109	17	3	1		631			

Stats

15th Percentile : 39 MPH
50th Percentile : 45 MPH
85th Percentile : 50 MPH
95th Percentile : 53 MPH

Mean Speed(Average) : 45 MPH
10 MPH Pace Speed : 40-49 MPH
Number in Pace : 4878
Percent in Pace : 65.8%
Number of Vehicles > 50 MPH : 1217
Percent of Vehicles > 50 MPH : 16.4%

Nathan Ellis Highway (Route 151)
west of Currier Road
City, State: Falmouth, MA
Client: TEC/ L. Oltman



186123 D Speed
Site Code: T0771

Start Time	14	15	20	25	30	35	40	45	50	55	60	65	70	Total	85th % ile	Ave Speed
03/11/18	0	0	0	1	2	3	14	15	20	2	0	0	0	57	52	46
01:00	0	0	0	1	4	4	7	13	7	5	0	1	0	42	53	46
02:00	0	0	0	2	1	3	1	3	8	2	0	0	1	21	53	46
03:00	0	0	0	2	2	0	4	3	2	5	1	0	0	19	57	46
04:00	0	0	0	0	3	3	6	12	8	4	1	0	0	37	53	47
05:00	0	0	0	0	5	3	14	33	30	12	2	1	0	100	54	48
06:00	0	0	0	3	5	7	12	39	47	18	10	1	0	142	56	49
07:00	0	0	0	5	16	8	46	98	75	25	2	1	0	276	53	47
08:00	0	0	0	5	22	13	63	179	95	16	2	0	0	395	51	46
09:00	0	1	2	8	31	44	101	208	67	12	4	1	0	479	49	45
10:00	0	0	1	7	22	41	130	195	87	15	0	0	0	498	50	45
11:00	0	1	0	10	43	69	196	233	78	5	2	1	0	638	48	44
12 PM	0	0	0	6	20	41	162	248	86	11	4	0	1	579	49	45
13:00	0	1	0	8	47	54	137	239	93	9	2	0	1	591	49	44
14:00	0	1	0	7	18	24	168	223	81	11	0	0	0	533	49	45
15:00	0	0	0	5	13	36	80	217	124	23	2	0	0	500	51	47
16:00	1	2	0	6	17	23	79	148	110	32	1	0	0	419	52	46
17:00	0	0	0	4	17	26	81	168	85	10	1	0	0	392	51	46
18:00	0	0	0	4	11	33	75	97	28	13	1	0	0	262	49	44
19:00	0	0	0	2	8	19	58	70	42	5	0	0	0	204	50	45
20:00	0	1	1	3	11	7	30	50	36	6	2	0	1	148	52	45
21:00	0	0	0	0	5	4	9	39	30	9	1	1	0	98	53	48
22:00	0	0	0	1	1	3	3	7	9	3	3	0	1	31	56	48
23:00	0	0	0	1	2	3	2	5	4	2	2	0	0	21	56	46
Total %	1 0.0%	7 0.1%	4 0.1%	91 1.4%	326 5.0%	471 7.3%	1478 22.8%	2542 39.2%	1252 19.3%	255 3.9%	43 0.7%	7 0.1%	5 0.1%	6482		
AM Peak		09:00	09:00	11:00	11:00	11:00	11:00	11:00	08:00	07:00	06:00	01:00	02:00	11:00		
Vol.		1	2	10	43	69	196	233	95	25	10	1	1	638		
PM Peak	16:00	16:00	20:00	13:00	13:00	13:00	14:00	12:00	15:00	16:00	12:00	21:00	12:00	13:00		
Vol.	1	2	1	8	47	54	168	248	124	32	4	1	1	591		

Stats
15th Percentile : 39 MPH
50th Percentile : 45 MPH
85th Percentile : 51 MPH
95th Percentile : 53 MPH

Mean Speed(Average) : 46 MPH
10 MPH Pace Speed : 40-49 MPH
Number in Pace : 4020
Percent in Pace : 62.0%
Number of Vehicles > 50 MPH : 1312
Percent of Vehicles > 50 MPH : 20.2%

Nathan Ellis Highway (Route 151)
west of Currier Road
City, State: Falmouth, MA
Client: TEC/ L. Oltman



186123 D Speed
Site Code: T0771

WB

Start Time	1 14	15 19	20 24	25 29	30 34	35 39	40 44	45 49	50 54	55 59	60 64	65 69	70 9999	Total	85th % ile	Ave Speed
03/09/																
18	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:00	0	0	4	23	54	99	170	245	110	15	0	0	0	720	49	44
16:00	0	1	9	32	80	190	288	235	62	5	1	0	0	903	47	41
17:00	0	0	4	22	74	119	260	248	79	13	1	0	0	820	48	43
18:00	0	2	16	33	82	130	177	140	46	9	0	1	0	636	47	40
19:00	0	0	1	4	22	43	62	119	81	18	3	0	0	353	52	45
20:00	0	0	0	8	28	14	26	88	67	14	1	0	0	246	52	46
21:00	0	0	0	5	21	18	31	80	60	19	3	0	0	237	52	46
22:00	0	0	0	1	10	8	14	41	62	13	4	1	0	154	53	48
23:00	0	0	0	1	5	7	6	21	39	10	3	0	1	93	53	49
Total	0	3	34	129	376	628	1034	1217	606	116	16	2	1	4162		
%	0.0%	0.1%	0.8%	3.1%	9.0%	15.1%	24.8%	29.2%	14.6%	2.8%	0.4%	0.0%	0.0%			
AM Peak Vol.																
PM Peak Vol.	18:00	18:00	18:00	18:00	16:00	16:00	17:00	15:00	21:00	22:00	18:00	23:00	16:00			
Vol.	2	16	33	82	190	288	248	110	19	4	1	1	903			

Stats

15th Percentile : 34 MPH
50th Percentile : 43 MPH
85th Percentile : 49 MPH
95th Percentile : 53 MPH

Mean Speed(Average) : 43 MPH
10 MPH Pace Speed : 40-49 MPH
Number in Pace : 2251
Percent in Pace : 54.1%
Number of Vehicles > 50 MPH : 620
Percent of Vehicles > 50 MPH : 14.9%



PRECISION
D A T A
INDUSTRIES, LLC

46 Morton Street, Framingham, MA 01702
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

Nathan Ellis Highway (Route 151)
west of Currier Road
City, State: Falmouth, MA
Client: TEC/ L. Oltman

186123 D Speed
Site Code: T0771

WB

Start Time	1 14	15 19	20 24	25 29	30 34	35 39	40 44	45 49	50 54	55 59	60 64	65 69	70 9999	Total	85th % ile	Ave Speed
03/10/																
18	0	0	0	0	6	2	3	13	21	8	0	1	0	54	54	48
01:00	0	0	0	0	0	4	0	6	8	4	0	3	0	25	58	51
02:00	0	0	0	0	1	3	1	5	8	2	0	0	0	20	53	48
03:00	0	0	0	0	1	2	4	7	10	3	0	0	0	27	53	48
04:00	0	0	0	0	2	4	3	2	6	0	1	0	1	19	52	45
05:00	0	0	0	0	2	1	5	10	15	2	3	1	0	39	54	49
06:00	0	0	2	2	2	4	6	48	60	32	1	0	0	157	55	50
07:00	0	0	0	0	7	19	22	100	99	28	7	1	1	284	53	49
08:00	0	0	0	1	10	32	39	128	150	51	6	0	0	417	53	49
09:00	0	0	0	2	10	36	64	135	167	45	3	1	0	463	53	48
10:00	0	0	0	10	35	50	92	214	113	38	4	0	0	556	52	46
11:00	0	0	1	8	38	69	84	219	143	28	4	0	0	594	52	46
12 PM	0	0	0	8	24	83	116	217	141	23	1	0	0	613	51	45
13:00	0	1	1	8	29	53	112	227	126	13	0	0	0	570	51	45
14:00	0	4	10	20	39	65	116	180	109	23	1	0	0	567	51	44
15:00	0	0	0	5	23	32	97	229	151	15	4	0	0	556	51	46
16:00	0	0	0	3	32	53	77	195	116	22	1	0	0	499	51	46
17:00	0	0	0	5	29	58	89	190	127	18	0	0	0	516	51	46
18:00	0	0	3	7	38	45	81	167	52	15	1	0	0	409	49	44
19:00	0	0	1	7	25	22	56	95	53	12	1	0	0	272	51	45
20:00	0	0	1	1	11	23	36	89	60	16	1	1	0	239	52	46
21:00	0	0	0	2	13	19	35	81	46	14	1	0	0	211	52	46
22:00	0	0	0	1	13	14	19	39	37	10	1	1	0	135	52	46
23:00	0	0	0	1	12	11	7	26	35	17	3	1	0	113	55	48
Total	0	5	19	91	402	704	1164	2622	1853	439	44	10	2	7355		
%	0.0%	0.1%	0.3%	1.2%	5.5%	9.6%	15.8%	35.6%	25.2%	6.0%	0.6%	0.1%	0.0%			
AM Peak			06:00	10:00	11:00	11:00	10:00	11:00	09:00	08:00	07:00	01:00	04:00	11:00		
Vol.			2	10	38	69	92	219	167	51	7	3	1	594		
PM Peak		14:00	14:00	14:00	14:00	12:00	12:00	15:00	15:00	12:00	15:00	20:00		12:00		
Vol.		4	10	20	39	83	116	229	151	23	4	1		613		

Stats

15th Percentile :	38 MPH
50th Percentile :	46 MPH
85th Percentile :	52 MPH
95th Percentile :	55 MPH

Mean Speed(Average) :	46 MPH
10 MPH Pace Speed :	45-54 MPH
Number in Pace :	4475
Percent in Pace :	60.8%
Number of Vehicles > 50 MPH :	1977
Percent of Vehicles > 50 MPH :	26.9%

Nathan Ellis Highway (Route 151)
west of Currier Road
City, State: Falmouth, MA
Client: TEC/ L. Oltman



186123 D Speed
Site Code: T0771

WB

Start Time	1 14	15 19	20 24	25 29	30 34	35 39	40 44	45 49	50 54	55 59	60 64	65 69	70 9999	Total	85th % ile	Ave Speed
03/11/																
18	0	0	0	2	5	2	5	23	17	10	0	1	0	65	54	48
01:00	0	0	0	0	5	4	1	8	16	7	1	1	0	43	55	49
02:00	0	0	0	1	0	1	1	7	15	4	1	0	0	30	54	50
03:00	0	0	0	0	0	0	1	4	8	3	0	0	1	17	55	51
04:00	0	0	0	0	2	0	0	6	7	8	0	0	0	23	56	51
05:00	0	0	0	1	1	2	1	8	22	8	5	0	0	48	57	51
06:00	0	0	0	0	3	10	15	33	37	23	4	1	0	126	55	49
07:00	3	3	3	7	14	20	33	62	73	24	4	2	0	248	53	46
08:00	0	0	3	2	4	18	27	83	90	38	2	0	0	267	53	48
09:00	0	0	0	0	27	56	83	148	124	36	3	1	0	478	52	46
10:00	0	0	0	2	23	42	81	177	145	36	1	1	0	508	52	47
11:00	0	3	3	7	24	50	95	225	108	12	4	0	0	531	51	45
12 PM	0	0	0	6	22	44	78	177	106	32	1	0	0	466	52	46
13:00	1	2	2	10	21	56	90	171	119	18	1	0	0	491	51	45
14:00	0	1	1	8	25	39	78	196	104	15	2	0	0	469	51	46
15:00	0	0	0	6	23	25	64	203	108	26	0	1	0	456	52	47
16:00	1	2	2	2	16	39	75	184	134	19	3	0	0	477	52	46
17:00	0	0	0	4	29	24	54	140	122	16	1	0	0	390	52	46
18:00	0	0	0	3	9	28	47	106	73	11	1	1	0	279	52	46
19:00	0	0	0	3	14	19	23	75	59	25	1	0	0	219	53	47
20:00	0	1	0	0	11	7	15	39	36	17	2	0	0	128	53	47
21:00	0	0	0	0	4	9	7	25	17	14	3	0	0	79	55	48
22:00	0	0	0	0	5	3	6	18	15	5	4	2	1	59	56	49
23:00	0	0	0	0	2	2	3	7	9	1	1	0	0	25	53	47
Total	5	12	14	64	289	500	883	2125	1564	408	45	11	2	5922		
%	0.1%	0.2%	0.2%	1.1%	4.9%	8.4%	14.9%	35.9%	26.4%	6.9%	0.8%	0.2%	0.0%			
AM Peak	07:00	07:00	07:00	07:00	09:00	09:00	11:00	11:00	10:00	08:00	05:00	07:00	03:00	11:00		
Vol.	3	3	3	7	27	56	95	225	145	38	5	2	1	531		
PM Peak	13:00	13:00	13:00	13:00	17:00	13:00	13:00	15:00	16:00	12:00	22:00	22:00	22:00	13:00		
Vol.	1	2	2	10	29	56	90	203	134	32	4	2	1	491		

Stats
15th Percentile : 39 MPH
50th Percentile : 46 MPH
85th Percentile : 52 MPH
95th Percentile : 56 MPH

Mean Speed(Average) : 46 MPH
10 MPH Pace Speed : 45-54 MPH
Number in Pace : 3689
Percent in Pace : 62.3%
Number of Vehicles > 50 MPH : 1717
Percent of Vehicles > 50 MPH : 29.0%

Currier Road
south of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman



186123 E Volume
Site Code: T0771

Start	NB				SB				Combined		03/09/18		
Time	A.M.		P.M.		A.M.		P.M.		A.M.	P.M.	Fri		
12:00	*		*		*		*		*	*			
12:15	*		*		*		*		*	*			
12:30	*		*		*		*		*	*			
12:45	*	0	*	0	*	0	*	0	*	*	0		
01:00	*		14		*		12		*	26			
01:15	*		10		*		15		*	25			
01:30	*		12		*		16		*	28			
01:45	*	0	8	44	*	0	14	57	*	22	101		
02:00	*		12		*		12		*	24			
02:15	*		17		*		20		*	37			
02:30	*		18		*		20		*	38			
02:45	*	0	9	56	*	0	15	67	*	24	123		
03:00	*		16		*		22		*	38			
03:15	*		12		*		21		*	33			
03:30	*		13		*		19		*	32			
03:45	*	0	8	49	*	0	23	85	*	31	134		
04:00	*		12		*		17		*	29			
04:15	*		16		*		21		*	37			
04:30	*		15		*		24		*	39			
04:45	*	0	4	47	*	0	25	87	*	29	134		
05:00	*		15		*		14		*	29			
05:15	*		5		*		36		*	41			
05:30	*		18		*		25		*	43			
05:45	*	0	10	48	*	0	23	98	*	33	146		
06:00	*		13		*		21		*	34			
06:15	*		12		*		28		*	40			
06:30	*		11		*		19		*	30			
06:45	*	0	10	46	*	0	25	93	*	35	139		
07:00	*		11		*		11		*	22			
07:15	*		8		*		16		*	24			
07:30	*		6		*		15		*	21			
07:45	*	0	4	29	*	0	16	58	*	20	87		
08:00	*		5		*		14		*	19			
08:15	*		5		*		12		*	17			
08:30	*		10		*		11		*	21			
08:45	*	0	20	40	*	0	11	48	*	31	88		
09:00	*		6		*		10		*	16			
09:15	*		11		*		6		*	17			
09:30	*		4		*		13		*	17			
09:45	*	0	5	26	*	0	13	42	*	18	68		
10:00	*		2		*		10		*	12			
10:15	*		7		*		7		*	14			
10:30	*		7		*		1		*	8			
10:45	*	0	3	19	*	0	4	22	*	7	41		
11:00	*		4		*		4		*	8			
11:15	*		5		*		6		*	11			
11:30	*		0		*		8		*	8			
11:45	*	0	2	11	*	0	3	21	*	5	32		
Total	0		415		0		678		0	1093			
Percent	0.0%		38.0%		0.0%		62.0%						
Day Total			415				678			1093			
Peak	-	-	02:15	-	-	-	05:15	-	-	05:15	-	-	-
Vol.	-	-	60	-	-	-	105	-	-	151	-	-	-
P.H.F.			0.833				0.729			0.878			

Currier Road
south of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman



186123 E Volume
Site Code: T0771

Start	NB				SB				Combin	03/10/18			
Time	A.M.		P.M.		A.M.		P.M.		ed		P.M.		Sat
12:00	1		10		3		19		4		29		
12:15	1		20		4		18		5		38		
12:30	1		17		1		26		2		43		
12:45	1	4	12	59	1	9	13	76	2	13	25	135	
01:00	0		16		1		20		1		36		
01:15	1		10		0		16		1		26		
01:30	1		17		2		8		3		25		
01:45	0	2	14	57	0	3	18	62	0	5	32	119	
02:00	0		15		1		10		1		25		
02:15	2		20		0		16		2		36		
02:30	0		26		0		18		0		44		
02:45	0	2	11	72	2	3	20	64	2	5	31	136	
03:00	3		10		0		9		3		19		
03:15	1		12		1		10		2		22		
03:30	1		15		0		16		1		31		
03:45	0	5	14	51	1	2	16	51	1	7	30	102	
04:00	0		20		2		15		2		35		
04:15	0		10		0		12		0		22		
04:30	0		12		0		22		0		34		
04:45	2	2	11	53	1	3	19	68	3	5	30	121	
05:00	0		12		0		21		0		33		
05:15	4		11		1		7		5		18		
05:30	3		11		2		19		5		30		
05:45	3	10	9	43	2	5	16	63	5	15	25	106	
06:00	3		7		2		15		5		22		
06:15	3		10		1		13		4		23		
06:30	5		7		2		11		7		18		
06:45	5	16	16	40	3	8	13	52	8	24	29	92	
07:00	6		5		8		9		14		14		
07:15	9		6		4		11		13		17		
07:30	12		8		12		19		24		27		
07:45	12	39	4	23	6	30	11	50	18	69	15	73	
08:00	14		7		8		12		22		19		
08:15	9		8		8		6		17		14		
08:30	14		5		11		10		25		15		
08:45	20	57	4	24	12	39	10	38	32	96	14	62	
09:00	10		5		10		7		20		12		
09:15	8		7		14		7		22		14		
09:30	18		2		21		8		39		10		
09:45	16	52	3	17	9	54	9	31	25	106	12	48	
10:00	14		7		14		5		28		12		
10:15	14		4		14		10		28		14		
10:30	12		2		20		7		32		9		
10:45	6	46	2	15	20	68	8	30	26	114	10	45	
11:00	15		5		17		9		32		14		
11:15	10		4		18		10		28		14		
11:30	12		1		17		6		29		7		
11:45	16	53	3	13	23	75	6	31	39	128	9	44	
Total	288		467		299		616		587		1083		
Percent	49.1%		43.1%		50.9%		56.9%						
Day Total			755				915				1670		
Peak	09:30	-	01:45	-	10:30	-	00:15	-	11:00	-	00:15	-	-
Vol.	62	-	75	-	75	-	77	-	128	-	142	-	-
P.H.F.	0.775		0.721		0.938		0.740		0.821		0.826		

Currier Road
south of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman



186123 E Volume
Site Code: T0771

Start	NB			SB			Combin ed		03/11/18			
Time	A.M.		P.M.		A.M.		P.M.		A.M.		P.M.	Sun
12:00	3		13		2		13		5		26	
12:15	1		7		3		12		4		19	
12:30	2		11		2		18		4		29	
12:45	1	7	18	49	1	8	16	59	2	15	34	108
01:00	3		13		7		18		10		31	
01:15	3		26		1		12		4		38	
01:30	1		16		0		15		1		31	
01:45	0	7	8	63	0	8	11	56	0	15	19	119
02:00	0		14		1		16		1		30	
02:15	2		13		2		12		4		25	
02:30	3		16		0		16		3		32	
02:45	0	5	6	49	0	3	17	61	0	8	23	110
03:00	1		12		0		8		1		20	
03:15	0		14		1		20		1		34	
03:30	0		15		0		15		0		30	
03:45	1	2	9	50	0	1	18	61	1	3	27	111
04:00	1		15		0		13		1		28	
04:15	2		14		0		8		2		22	
04:30	4		10		0		10		4		20	
04:45	1	8	10	49	2	2	11	42	3	10	21	91
05:00	1		12		1		10		2		22	
05:15	2		8		0		11		2		19	
05:30	4		5		0		9		4		14	
05:45	2	9	6	31	2	3	8	38	4	12	14	69
06:00	0		10		1		18		1		28	
06:15	3		9		3		11		6		20	
06:30	5		6		3		11		8		17	
06:45	8	16	7	32	8	15	7	47	16	31	14	79
07:00	7		3		7		7		14		10	
07:15	11		5		6		16		17		21	
07:30	10		4		10		14		20		18	
07:45	4	32	4	16	18	41	7	44	22	73	11	60
08:00	7		4		5		9		12		13	
08:15	5		9		10		1		15		10	
08:30	16		9		10		3		26		12	
08:45	11	39	2	24	8	33	8	21	19	72	10	45
09:00	14		6		16		5		30		11	
09:15	22		4		12		5		34		9	
09:30	13		2		16		1		29		3	
09:45	17	66	1	13	18	62	4	15	35	128	5	28
10:00	14		2		20		2		34		4	
10:15	8		0		11		4		19		4	
10:30	24		3		18		1		42		4	
10:45	20	66	1	6	13	62	3	10	33	128	4	16
11:00	17		1		14		1		31		2	
11:15	37		2		11		3		48		5	
11:30	27		2		10		2		37		4	
11:45	16	97	1	6	22	57	0	6	38	154	1	12
Total	354		388		295		460		649		848	
Percent	54.5%		45.8%		45.5%		54.2%					
Day Total			742				755				1497	
Peak	10:45	-	00:45	-	09:45	-	03:15	-	10:30	-	00:45	-
Vol.	101	-	73	-	67	-	66	-	154	-	134	-
P.H.F.	0.682		0.702		0.838		0.825		0.802		0.882	

Currier Road
south of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman



186123 E Class
Site Code: T0771

NB															
Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total	
03/09/18	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
13:00	0	21	13	1	8	1	0	0	0	0	0	0	0	0	44
14:00	0	36	14	1	4	0	0	1	0	0	0	0	0	0	56
15:00	0	30	11	2	5	0	0	1	0	0	0	0	0	0	49
16:00	0	30	13	0	4	0	0	0	0	0	0	0	0	0	47
17:00	0	33	13	0	2	0	0	0	0	0	0	0	0	0	48
18:00	0	33	11	0	2	0	0	0	0	0	0	0	0	0	46
19:00	0	18	9	0	2	0	0	0	0	0	0	0	0	0	29
20:00	0	33	7	0	0	0	0	0	0	0	0	0	0	0	40
21:00	0	20	3	0	2	0	0	1	0	0	0	0	0	0	26
22:00	0	14	3	0	2	0	0	0	0	0	0	0	0	0	19
23:00	0	11	0	0	0	0	0	0	0	0	0	0	0	0	11
Total	0	279	97	4	31	1	0	3	0	0	0	0	0	0	415
Percent	0.0%	67.2%	23.4%	1.0%	7.5%	0.2%	0.0%	0.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM Peak Vol.															
PM Peak Vol.		14:00	14:00	15:00	13:00	13:00		14:00							14:00
		36	14	2	8	1		1							56

Currier Road
south of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman



186123 E Class
Site Code: T0771

NB														
Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
03/10/1														
8	0	4	0	0	0	0	0	0	0	0	0	0	0	4
01:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
02:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
03:00	0	4	0	0	1	0	0	0	0	0	0	0	0	5
04:00	0	1	1	0	0	0	0	0	0	0	0	0	0	2
05:00	0	5	2	0	3	0	0	0	0	0	0	0	0	10
06:00	0	9	7	0	0	0	0	0	0	0	0	0	0	16
07:00	0	27	10	0	2	0	0	0	0	0	0	0	0	39
08:00	1	37	12	1	5	0	0	1	0	0	0	0	0	57
09:00	0	39	11	0	2	0	0	0	0	0	0	0	0	52
10:00	0	29	14	0	3	0	0	0	0	0	0	0	0	46
11:00	0	36	15	1	1	0	0	0	0	0	0	0	0	53
12 PM	0	39	16	0	3	0	0	1	0	0	0	0	0	59
13:00	1	36	16	1	3	0	0	0	0	0	0	0	0	57
14:00	1	47	20	0	3	0	0	1	0	0	0	0	0	72
15:00	0	37	13	0	0	0	0	1	0	0	0	0	0	51
16:00	0	33	18	0	2	0	0	0	0	0	0	0	0	53
17:00	0	29	14	0	0	0	0	0	0	0	0	0	0	43
18:00	0	31	7	1	1	0	0	0	0	0	0	0	0	40
19:00	0	18	4	0	1	0	0	0	0	0	0	0	0	23
20:00	0	18	5	0	1	0	0	0	0	0	0	0	0	24
21:00	0	16	1	0	0	0	0	0	0	0	0	0	0	17
22:00	0	13	2	0	0	0	0	0	0	0	0	0	0	15
23:00	0	11	1	0	1	0	0	0	0	0	0	0	0	13
Total	3	523	189	4	32	0	0	4	0	0	0	0	0	755
Percent	0.4%	69.3%	25.0%	0.5%	4.2%	0.0%	0.0%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM Peak	08:00	09:00	11:00	08:00	08:00			08:00						08:00
Vol.	1	39	15	1	5			1						57
PM Peak	13:00	14:00	14:00	13:00	12:00			12:00						14:00
Vol.	1	47	20	1	3			1						72

Currier Road
south of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman



186123 E Class
Site Code: T0771

NB															
Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total	
03/11/1															
8	0	6	1	0	0	0	0	0	0	0	0	0	0	0	7
01:00	0	5	1	0	1	0	0	0	0	0	0	0	0	0	7
02:00	0	4	1	0	0	0	0	0	0	0	0	0	0	0	5
03:00	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
04:00	0	7	1	0	0	0	0	0	0	0	0	0	0	0	8
05:00	0	6	2	0	1	0	0	0	0	0	0	0	0	0	9
06:00	0	11	4	0	1	0	0	0	0	0	0	0	0	0	16
07:00	0	18	9	0	5	0	0	0	0	0	0	0	0	0	32
08:00	0	24	15	0	0	0	0	0	0	0	0	0	0	0	39
09:00	1	44	14	0	6	1	0	0	0	0	0	0	0	0	66
10:00	1	39	20	0	5	0	0	1	0	0	0	0	0	0	66
11:00	1	73	15	0	8	0	0	0	0	0	0	0	0	0	97
12 PM	0	33	15	0	1	0	0	0	0	0	0	0	0	0	49
13:00	0	46	10	0	7	0	0	0	0	0	0	0	0	0	63
14:00	1	32	12	0	4	0	0	0	0	0	0	0	0	0	49
15:00	1	38	7	0	4	0	0	0	0	0	0	0	0	0	50
16:00	0	37	12	0	0	0	0	0	0	0	0	0	0	0	49
17:00	0	26	5	0	0	0	0	0	0	0	0	0	0	0	31
18:00	0	22	9	0	1	0	0	0	0	0	0	0	0	0	32
19:00	0	9	7	0	0	0	0	0	0	0	0	0	0	0	16
20:00	0	22	2	0	0	0	0	0	0	0	0	0	0	0	24
21:00	0	11	2	0	0	0	0	0	0	0	0	0	0	0	13
22:00	0	5	1	0	0	0	0	0	0	0	0	0	0	0	6
23:00	0	5	1	0	0	0	0	0	0	0	0	0	0	0	6
Total	5	524	167	0	44	1	0	1	0	0	0	0	0	0	742
Percent	0.7%	70.6%	22.5%	0.0%	5.9%	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM Peak	09:00	11:00	10:00		11:00	09:00		10:00							11:00
Vol.	1	73	20		8	1		1							97
PM Peak	14:00	13:00	12:00		13:00										13:00
Vol.	1	46	15		7										63

Currier Road
south of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman



186123 E Class
Site Code: T0771

SB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
03/09/18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:00	0	35	17	0	4	1	0	0	0	0	0	0	0	57
14:00	1	35	19	0	9	2	0	1	0	0	0	0	0	67
15:00	0	55	20	1	7	2	0	0	0	0	0	0	0	85
16:00	0	53	19	0	15	0	0	0	0	0	0	0	0	87
17:00	0	69	16	0	13	0	0	0	0	0	0	0	0	98
18:00	0	66	17	0	10	0	0	0	0	0	0	0	0	93
19:00	0	43	7	0	8	0	0	0	0	0	0	0	0	58
20:00	0	34	9	0	5	0	0	0	0	0	0	0	0	48
21:00	0	31	7	0	4	0	0	0	0	0	0	0	0	42
22:00	0	19	1	0	2	0	0	0	0	0	0	0	0	22
23:00	0	17	4	0	0	0	0	0	0	0	0	0	0	21
Total	1	457	136	1	77	5	0	1	0	0	0	0	0	678
Percent	0.1%	67.4%	20.1%	0.1%	11.4%	0.7%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM Peak Vol.														
PM Peak Vol.	14:00	17:00	15:00	15:00	16:00	14:00		14:00						17:00
	1	69	20	1	15	2		1						98

Currier Road
south of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman



186123 E Class
Site Code: T0771

SB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
03/10/1														
8	0	6	3	0	0	0	0	0	0	0	0	0	0	9
01:00	0	3	0	0	0	0	0	0	0	0	0	0	0	3
02:00	0	3	0	0	0	0	0	0	0	0	0	0	0	3
03:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
04:00	0	3	0	0	0	0	0	0	0	0	0	0	0	3
05:00	0	3	1	0	1	0	0	0	0	0	0	0	0	5
06:00	0	6	0	0	1	0	0	0	1	0	0	0	0	8
07:00	0	21	6	0	3	0	0	0	0	0	0	0	0	30
08:00	0	17	15	0	6	0	0	1	0	0	0	0	0	39
09:00	0	30	16	2	5	0	0	1	0	0	0	0	0	54
10:00	0	48	14	0	6	0	0	0	0	0	0	0	0	68
11:00	0	42	19	0	14	0	0	0	0	0	0	0	0	75
12 PM	0	48	18	1	8	0	0	1	0	0	0	0	0	76
13:00	0	41	14	0	6	0	0	1	0	0	0	0	0	62
14:00	0	43	13	0	8	0	0	0	0	0	0	0	0	64
15:00	0	28	13	0	10	0	0	0	0	0	0	0	0	51
16:00	0	46	17	0	5	0	0	0	0	0	0	0	0	68
17:00	0	47	12	1	3	0	0	0	0	0	0	0	0	63
18:00	0	34	10	0	8	0	0	0	0	0	0	0	0	52
19:00	0	42	3	0	5	0	0	0	0	0	0	0	0	50
20:00	0	29	8	0	1	0	0	0	0	0	0	0	0	38
21:00	0	26	4	0	1	0	0	0	0	0	0	0	0	31
22:00	1	21	7	0	1	0	0	0	0	0	0	0	0	30
23:00	0	24	6	0	1	0	0	0	0	0	0	0	0	31
Total	1	613	199	4	93	0	0	4	1	0	0	0	0	915
Percent	0.1%	67.0%	21.7%	0.4%	10.2%	0.0%	0.0%	0.4%	0.1%	0.0%	0.0%	0.0%	0.0%	
AM Peak		10:00	11:00	09:00	11:00			08:00	06:00					11:00
Vol.		48	19	2	14			1	1					75
PM Peak	22:00	12:00	12:00	12:00	15:00			12:00						12:00
Vol.	1	48	18	1	10			1						76

Currier Road
south of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman



186123 E Class
Site Code: T0771

SB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
03/11/1														
8	0	4	1	0	3	0	0	0	0	0	0	0	0	8
01:00	0	6	1	0	1	0	0	0	0	0	0	0	0	8
02:00	0	2	1	0	0	0	0	0	0	0	0	0	0	3
03:00	0	0	0	0	1	0	0	0	0	0	0	0	0	1
04:00	0	1	1	0	0	0	0	0	0	0	0	0	0	2
05:00	0	3	0	0	0	0	0	0	0	0	0	0	0	3
06:00	0	8	6	0	1	0	0	0	0	0	0	0	0	15
07:00	0	24	13	0	3	0	0	0	1	0	0	0	0	41
08:00	0	24	4	0	5	0	0	0	0	0	0	0	0	33
09:00	0	39	14	0	9	0	0	0	0	0	0	0	0	62
10:00	0	40	14	0	8	0	0	0	0	0	0	0	0	62
11:00	0	41	11	0	4	0	0	1	0	0	0	0	0	57
12 PM	0	46	9	0	4	0	0	0	0	0	0	0	0	59
13:00	0	41	6	0	8	0	0	1	0	0	0	0	0	56
14:00	0	44	13	0	4	0	0	0	0	0	0	0	0	61
15:00	0	42	13	0	6	0	0	0	0	0	0	0	0	61
16:00	0	34	7	0	1	0	0	0	0	0	0	0	0	42
17:00	0	27	6	0	5	0	0	0	0	0	0	0	0	38
18:00	0	37	9	0	1	0	0	0	0	0	0	0	0	47
19:00	0	33	6	0	5	0	0	0	0	0	0	0	0	44
20:00	0	16	3	0	2	0	0	0	0	0	0	0	0	21
21:00	0	11	3	0	1	0	0	0	0	0	0	0	0	15
22:00	0	8	1	0	1	0	0	0	0	0	0	0	0	10
23:00	0	5	0	0	1	0	0	0	0	0	0	0	0	6
Total	0	536	142	0	74	0	0	2	1	0	0	0	0	755
Percent	0.0%	71.0%	18.8%	0.0%	9.8%	0.0%	0.0%	0.3%	0.1%	0.0%	0.0%	0.0%	0.0%	
AM Peak		11:00	09:00		09:00			11:00	07:00					09:00
Vol.		41	14		9			1	1					62
PM Peak		12:00	14:00		13:00			13:00						14:00
Vol.		46	13		8			1						61

Currier Road
south of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman



186123 E Speed
Site Code: T0771

NB	Start Time	1 14	15 19	20 24	25 29	30 34	35 39	40 44	45 49	50 54	55 59	60 64	65 69	70 9999	Total	85th % ile	Ave Speed
03/09/																	
18	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:00	0	0	0	3	5	17	16	2	1	0	0	0	0	0	44	42	38
14:00	0	0	1	0	7	21	22	5	0	0	0	0	0	0	56	43	39
15:00	0	0	1	2	9	21	11	4	0	0	1	0	0	0	49	42	38
16:00	0	0	0	3	6	22	13	3	0	0	0	0	0	0	47	42	38
17:00	0	0	2	2	5	17	16	4	2	0	0	0	0	0	48	43	39
18:00	0	0	0	2	7	15	16	3	3	0	0	0	0	0	46	43	39
19:00	0	0	0	0	3	15	7	3	1	0	0	0	0	0	29	43	39
20:00	0	0	3	4	11	13	8	1	0	0	0	0	0	0	40	40	35
21:00	0	0	0	2	6	7	5	5	1	0	0	0	0	0	26	46	39
22:00	0	0	0	0	1	8	6	2	2	0	0	0	0	0	19	46	41
23:00	0	0	0	0	6	3	2	0	0	0	0	0	0	0	11	39	35
Total	0	0	7	18	66	159	122	32	10	0	1	0	0	0	415		
%	0.0%	0.0%	1.7%	4.3%	15.9%	38.3%	29.4%	7.7%	2.4%	0.0%	0.2%	0.0%	0.0%	0.0%			
AM Peak Vol.																	
PM Peak Vol.			20:00	20:00	20:00	16:00	14:00	14:00	18:00		15:00				14:00		
			3	4	11	22	22	5	3		1				56		
Stats			15th Percentile :			31 MPH											
			50th Percentile :			37 MPH											
			85th Percentile :			43 MPH											
			95th Percentile :			47 MPH											
			Mean Speed(Average) :			38 MPH											
			10 MPH Pace Speed :			35-44 MPH											
			Number in Pace :			281											
			Percent in Pace :			67.7%											
			Number of Vehicles > 35 MPH :			292											
			Percent of Vehicles > 35 MPH :			70.4%											

Currier Road
south of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman



PRECISION
D A T A
INDUSTRIES, LLC
46 Morton Street, Framingham, MA 01702
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

186123 E Speed
Site Code: T0771

NB	Start Time	14	15	19	20	24	25	29	30	34	35	39	40	44	45	49	50	54	55	59	60	64	65	69	70	9999	Total	85th % ile	Ave Speed
03/10/																													
18	0	0	0	0	0	0	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	42	38
01:00	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	33	32
02:00	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	43	42
03:00	0	0	0	0	0	1	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	42	38
04:00	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	47	45
05:00	0	0	0	0	0	2	4	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	46	40
06:00	0	0	0	0	0	1	5	6	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	46	41
07:00	0	0	0	0	0	2	14	15	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	39	45	41
08:00	0	0	0	0	0	7	19	22	8	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	57	44	40
09:00	0	0	0	0	0	1	14	23	10	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	52	47	42
10:00	0	0	0	0	1	6	10	17	11	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	46	46	41
11:00	0	0	0	0	0	5	26	12	8	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	53	45	40
12 PM	0	0	0	0	0	7	25	17	8	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	59	44	40
13:00	0	0	0	0	1	9	18	19	9	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	57	44	40
14:00	0	0	2	3	10	29	22	5	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	72	42	38
15:00	0	1	0	5	9	17	11	7	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	51	44	38
16:00	0	0	1	0	6	17	19	8	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	53	45	40
17:00	0	0	0	0	4	21	16	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	43	42	39
18:00	0	0	0	0	9	15	14	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40	42	38
19:00	0	0	0	0	1	5	8	7	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23	42	38
20:00	0	0	1	2	5	8	6	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	42	37
21:00	0	0	0	1	3	7	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	44	38
22:00	0	0	0	1	4	6	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	41	37
23:00	0	0	0	0	2	6	4	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	42	39
Total	0	1	4	15	101	272	244	100	15	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	755		
%	0.0%	0.1%	0.5%	2.0%	13.4%	36.0%	32.3%	13.2%	2.0%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak				10:00	08:00	11:00	09:00	10:00	09:00	09:00																	08:00		
Vol.				1	7	26	23	11	3	1																	57		
PM Peak		15:00	14:00	15:00	14:00	14:00	14:00	13:00	12:00	14:00																	14:00		
Vol.		1	2	5	10	29	22	9	2	1																	72		

Stats

15th Percentile :	33 MPH
50th Percentile :	38 MPH
85th Percentile :	44 MPH
95th Percentile :	48 MPH
Mean Speed(Average) :	39 MPH
10 MPH Pace Speed :	35-44 MPH
Number in Pace :	516
Percent in Pace :	68.3%
Number of Vehicles > 35 MPH :	580
Percent of Vehicles > 35 MPH :	76.8%

Currier Road
south of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman



186123 E Speed
Site Code: T0771

NB	Start Time	14	15	19	20	24	25	29	30	34	35	39	40	44	45	49	50	54	55	59	60	64	65	69	70	9999	Total	85th % ile	Ave Speed
03/11/18	0	0	0	0	1	1	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	41	36	
01:00	0	0	0	0	0	1	4	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	43	38	
02:00	0	0	0	0	0	2	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	45	39	
03:00	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	38	37	
04:00	0	0	0	0	0	0	4	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	46	41	
05:00	0	0	0	0	0	2	1	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	48	41	
06:00	0	0	0	0	0	1	5	6	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	46	41	
07:00	0	0	0	0	0	1	7	13	10	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32	47	42	
08:00	0	0	0	0	0	4	16	12	6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	39	44	40	
09:00	0	0	1	5	11	21	19	6	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66	43	38	
10:00	0	0	0	0	8	25	19	12	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66	45	40	
11:00	1	1	0	5	17	45	20	5	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	97	42	37	
12 PM	0	0	1	0	4	17	17	8	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	49	45	40	
13:00	0	0	1	0	8	20	22	11	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	63	45	40	
14:00	0	2	0	2	9	19	13	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	49	42	37	
15:00	0	0	1	1	7	12	21	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	44	40	
16:00	0	0	0	0	3	18	20	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	49	44	40	
17:00	0	0	0	1	4	6	11	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31	46	41	
18:00	0	0	1	0	12	10	7	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32	42	37	
19:00	0	0	0	2	6	5	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	40	35	
20:00	0	0	0	2	6	5	7	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	44	38	
21:00	0	0	0	0	1	4	5	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	49	42	
22:00	0	0	0	0	2	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	44	39	
23:00	0	0	0	0	1	2	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	46	40	
Total	1	3	5	19	111	252	227	103	19	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	742			
%	0.1%	0.4%	0.7%	2.6%	15.0%	34.0%	30.6%	13.9%	2.6%	0.1%	0.1%	0.0%	0.0%																
AM Peak	11:00	11:00	09:00	09:00	11:00	11:00	11:00	10:00	09:00																	11:00			
Vol.	1	1	1	5	17	45	20	12	3																	97			
PM Peak		14:00	12:00	14:00	18:00	13:00	13:00	13:00	21:00	12:00	13:00															13:00			
Vol.		2	1	2	12	20	22	11	2	1	1															63			

Stats

15th Percentile : 32 MPH
50th Percentile : 38 MPH
85th Percentile : 44 MPH
95th Percentile : 48 MPH

Mean Speed(Average) : 39 MPH
10 MPH Pace Speed : 35-44 MPH
Number in Pace : 479
Percent in Pace : 64.6%
Number of Vehicles > 35 MPH : 553
Percent of Vehicles > 35 MPH : 74.5%

Currier Road
south of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman



186123 E Speed
Site Code: T0771

SB	Start Time	1 14	15 19	20 24	25 29	30 34	35 39	40 44	45 49	50 54	55 59	60 64	65 69	70 9999	Total	85th % ile	Ave Speed
03/09/																	
18	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:00	0	0	0	4	7	23	17	5	1	0	0	0	0	0	57	43	38
14:00	2	0	1	3	7	22	20	9	2	1	0	0	0	0	67	45	39
15:00	0	0	0	2	9	28	31	12	1	1	0	0	0	1	85	44	40
16:00	0	0	0	4	8	28	33	12	2	0	0	0	0	0	87	44	40
17:00	0	0	0	0	7	37	36	13	4	1	0	0	0	0	98	45	41
18:00	0	0	0	1	6	34	36	12	3	1	0	0	0	0	93	44	40
19:00	0	1	0	0	0	22	29	4	2	0	0	0	0	0	58	43	40
20:00	0	0	0	1	4	16	17	8	2	0	0	0	0	0	48	45	40
21:00	0	0	0	1	6	9	16	8	2	0	0	0	0	0	42	46	41
22:00	0	0	0	0	1	10	6	4	0	0	1	0	0	0	22	46	41
23:00	0	0	1	0	0	8	8	4	0	0	0	0	0	0	21	45	40
Total	2	1	2	16	55	237	249	91	19	4	1	0	0	1	678		
%	0.3%	0.1%	0.3%	2.4%	8.1%	35.0%	36.7%	13.4%	2.8%	0.6%	0.1%	0.0%	0.1%				
AM Peak Vol.																	
PM Peak Vol.	14:00	19:00	14:00	13:00	15:00	17:00	17:00	17:00	17:00	14:00	22:00			15:00	17:00		
	2	1	1	4	9	37	36	13	4	1	1			1	98		

Stats

15th Percentile : 34 MPH
50th Percentile : 39 MPH
85th Percentile : 44 MPH
95th Percentile : 48 MPH

Mean Speed(Average) : 40 MPH
10 MPH Pace Speed : 35-44 MPH
Number in Pace : 486
Percent in Pace : 71.7%
Number of Vehicles > 35 MPH : 555
Percent of Vehicles > 35 MPH : 81.8%

Currier Road
south of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman



PRECISION
D A T A
INDUSTRIES, LLC
46 Morton Street, Framingham, MA 01702
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

186123 E Speed
Site Code: T0771

SB	Start Time	14	15	20	25	30	35	40	45	50	55	60	65	70	Total	85th % ile	Ave Speed
		14	19	24	29	34	39	44	49	54	59	64	69	9999			
03/10/																	
18	0	0	0	1	1	3	3	1	0	0	0	0	0	0	9	43	38
01:00	0	0	0	0	0	2	1	0	0	0	0	0	0	0	3	41	39
02:00	0	0	0	0	0	1	1	1	0	0	0	0	0	0	3	46	42
03:00	0	0	0	0	0	0	1	1	0	0	0	0	0	0	2	47	45
04:00	0	0	0	0	1	1	0	1	0	0	0	0	0	0	3	46	39
05:00	0	0	0	0	2	2	1	0	0	0	0	0	0	0	5	40	36
06:00	0	0	0	0	1	2	2	2	0	1	0	0	0	0	8	48	43
07:00	0	0	0	0	3	9	11	6	0	0	1	0	0	0	30	46	41
08:00	0	0	0	0	4	14	12	9	0	0	0	0	0	0	39	45	40
09:00	0	0	0	1	7	16	19	10	1	0	0	0	0	0	54	45	40
10:00	0	0	0	1	6	24	24	13	0	0	0	0	0	0	68	45	40
11:00	0	0	0	0	5	24	31	12	2	0	1	0	0	0	75	45	41
12 PM	0	0	0	1	8	14	30	18	5	0	0	0	0	0	76	47	42
13:00	0	0	0	1	5	19	25	9	3	0	0	0	0	0	62	45	41
14:00	0	1	0	1	3	22	29	7	1	0	0	0	0	0	64	43	40
15:00	0	1	1	2	5	14	22	5	1	0	0	0	0	0	51	43	39
16:00	0	0	0	0	3	20	34	7	4	0	0	0	0	0	68	44	41
17:00	0	0	0	0	3	27	21	11	0	1	0	0	0	0	63	45	40
18:00	0	0	0	1	3	17	27	3	1	0	0	0	0	0	52	43	40
19:00	0	0	0	0	3	21	18	8	0	0	0	0	0	0	50	44	40
20:00	0	0	0	1	1	13	15	6	1	1	0	0	0	0	38	45	41
21:00	0	0	0	1	1	11	10	6	1	0	0	1	0	0	31	46	42
22:00	0	0	0	1	0	10	17	1	0	0	0	1	0	0	30	43	41
23:00	0	0	0	0	1	9	15	4	2	0	0	0	0	0	31	45	42
Total	0	2	1	12	66	295	369	141	22	3	2	2	2	0	915		
%	0.0%	0.2%	0.1%	1.3%	7.2%	32.2%	40.3%	15.4%	2.4%	0.3%	0.2%	0.2%	0.2%	0.0%			
AM Peak				00:00	09:00	10:00	11:00	10:00	11:00	06:00	07:00				11:00		
Vol.				1	7	24	31	13	2	1	1				75		
PM Peak		14:00	15:00	15:00	12:00	17:00	16:00	12:00	12:00	17:00		21:00			12:00		
Vol.		1	1	2	8	27	34	18	5	1		1			76		

Stats
15th Percentile : 34 MPH
50th Percentile : 40 MPH
85th Percentile : 45 MPH
95th Percentile : 48 MPH

Mean Speed(Average) : 41 MPH
10 MPH Pace Speed : 35-44 MPH
Number in Pace : 664
Percent in Pace : 72.6%
Number of Vehicles > 35 MPH : 775
Percent of Vehicles > 35 MPH : 84.7%

Currier Road
south of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman



186123 E Speed
Site Code: T0771

SB	Start Time	14	15	20	25	30	35	40	45	50	55	60	65	70	Total	85th % ile	Ave Speed
		14	19	24	29	34	39	44	49	54	59	64	69	9999			
03/11/																	
18	0	0	0	0	1	2	4	1	0	0	0	0	0	0	8	43	40
01:00	0	0	0	0	1	4	3	0	0	0	0	0	0	0	8	42	38
02:00	0	0	0	0	0	1	2	0	0	0	0	0	0	0	3	42	40
03:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	33	32
04:00	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2	28	27
05:00	0	0	0	0	2	0	1	0	0	0	0	0	0	0	3	41	35
06:00	0	0	0	1	1	5	7	1	0	0	0	0	0	0	15	43	39
07:00	0	0	0	0	4	21	11	4	1	0	0	0	0	0	41	43	39
08:00	0	0	0	1	3	7	16	4	2	0	0	0	0	0	33	45	41
09:00	0	0	0	0	8	14	24	14	1	1	0	0	0	0	62	46	41
10:00	0	0	0	1	4	13	32	11	0	1	0	0	0	0	62	45	41
11:00	0	0	0	0	5	22	26	4	0	0	0	0	0	0	57	43	40
12 PM	0	0	0	3	5	19	20	12	0	0	0	0	0	0	59	45	40
13:00	0	0	1	2	5	16	22	8	1	1	0	0	0	0	56	45	40
14:00	0	0	0	1	6	23	25	4	1	1	0	0	0	0	61	43	40
15:00	0	0	0	2	6	22	24	6	1	0	0	0	0	0	61	43	39
16:00	0	0	0	0	1	10	17	12	1	1	0	0	0	0	42	47	43
17:00	0	0	0	0	4	16	11	6	1	0	0	0	0	0	38	45	40
18:00	0	0	1	0	5	14	18	8	1	0	0	0	0	0	47	45	40
19:00	0	0	0	0	2	19	19	3	0	1	0	0	0	0	44	43	40
20:00	0	0	0	1	1	6	8	4	1	0	0	0	0	0	21	46	41
21:00	0	0	0	0	0	5	8	2	0	0	0	0	0	0	15	43	41
22:00	0	0	0	1	0	2	5	1	1	0	0	0	0	0	10	46	41
23:00	0	0	0	0	1	2	3	0	0	0	0	0	0	0	6	42	39
Total	0	0	2	15	66	243	306	105	12	6	0	0	0	0	755		
%	0.0%	0.0%	0.3%	2.0%	8.7%	32.2%	40.5%	13.9%	1.6%	0.8%	0.0%	0.0%	0.0%	0.0%			
AM Peak				04:00	09:00	11:00	10:00	09:00	08:00	09:00					09:00		
Vol.				2	8	22	32	14	2	1					62		
PM Peak			13:00	12:00	14:00	14:00	14:00	12:00	13:00	13:00					14:00		
Vol.			1	3	6	23	25	12	1	1					61		

Stats

15th Percentile :	34 MPH
50th Percentile :	39 MPH
85th Percentile :	44 MPH
95th Percentile :	48 MPH
Mean Speed(Average) :	40 MPH
10 MPH Pace Speed :	35-44 MPH
Number in Pace :	549
Percent in Pace :	72.7%
Number of Vehicles > 35 MPH :	623
Percent of Vehicles > 35 MPH :	82.6%

Currier Road
north of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman



186123 F Volume
Site Code: T0771

Start	SB				NB				Combined		03/09/18		
Time	A.M.		P.M.		A.M.		P.M.		A.M.		P.M.		Fri
12:00	*		*		*		*		*		*		
12:15	*		*		*		*		*		*		
12:30	*		*		*		*		*		*		
12:45	*	0	*	0	*	0	*	0	*	0	*	0	
01:00	*		*		*		*		*		*		
01:15	*		*		*		*		*		*		
01:30	*		*		*		*		*		*		
01:45	*	0	*	0	*	0	*	0	*	0	*	0	
02:00	*		2		*		7		*		9		
02:15	*		7		*		11		*		18		
02:30	*		8		*		13		*		21		
02:45	*	0	3	20	*	0	5	36	*	0	8	56	
03:00	*		5		*		4		*		9		
03:15	*		5		*		4		*		9		
03:30	*		4		*		6		*		10		
03:45	*	0	6	20	*	0	4	18	*	0	10	38	
04:00	*		5		*		5		*		10		
04:15	*		3		*		3		*		6		
04:30	*		2		*		5		*		7		
04:45	*	0	0	10	*	0	3	16	*	0	3	26	
05:00	*		3		*		9		*		12		
05:15	*		6		*		7		*		13		
05:30	*		3		*		8		*		11		
05:45	*	0	9	21	*	0	7	31	*	0	16	52	
06:00	*		2		*		4		*		6		
06:15	*		4		*		10		*		14		
06:30	*		1		*		4		*		5		
06:45	*	0	4	11	*	0	3	21	*	0	7	32	
07:00	*		2		*		4		*		6		
07:15	*		1		*		3		*		4		
07:30	*		3		*		3		*		6		
07:45	*	0	3	9	*	0	4	14	*	0	7	23	
08:00	*		3		*		6		*		9		
08:15	*		4		*		3		*		7		
08:30	*		3		*		0		*		3		
08:45	*	0	1	11	*	0	3	12	*	0	4	23	
09:00	*		2		*		2		*		4		
09:15	*		0		*		0		*		0		
09:30	*		2		*		3		*		5		
09:45	*	0	2	6	*	0	1	6	*	0	3	12	
10:00	*		0		*		4		*		4		
10:15	*		0		*		1		*		1		
10:30	*		0		*		1		*		1		
10:45	*	0	1	1	*	0	2	8	*	0	3	9	
11:00	*		0		*		0		*		0		
11:15	*		0		*		1		*		1		
11:30	*		0		*		0		*		0		
11:45	*	0	0	0	*	0	0	1	*	0	0	1	
Total	0		109		0		163		0		272		
Percent	0.0%		40.1%		0.0%		59.9%						
Day Total		109			163				272				
Peak	-	-	02:15	-	-	-	02:00	-	-	-	02:00	-	-
Vol.	-	-	23	-	-	-	36	-	-	-	56	-	-
P.H.F.			0.719				0.692				0.667		

Currier Road
north of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman



186123 F Volume
Site Code: T0771

Start	SB		NB		Combin ed		03/10/18
Time	A.M.	P.M.	A.M.	P.M.	A.M.	P.M.	Sat
12:00	0	2	1	3	1	5	
12:15	0	1	1	9	1	10	
12:30	1	1	0	7	1	8	
12:45	0	4	1	5	1	9	32
01:00	0	3	0	4	0	7	
01:15	0	6	1	5	1	11	
01:30	0	4	1	10	1	14	
01:45	0	4	0	12	0	16	48
02:00	0	3	2	3	2	6	
02:15	0	3	0	5	0	8	
02:30	0	5	0	6	0	11	
02:45	0	5	0	5	0	10	35
03:00	0	2	0	6	0	8	
03:15	0	3	0	2	0	5	
03:30	0	3	0	8	0	11	
03:45	0	2	0	5	0	7	31
04:00	0	5	0	7	0	12	
04:15	0	4	1	5	1	9	
04:30	0	3	1	5	1	8	
04:45	0	3	2	7	2	10	39
05:00	0	0	0	6	0	6	
05:15	2	2	0	4	2	6	
05:30	2	3	1	2	3	5	
05:45	0	2	1	7	1	9	26
06:00	1	3	1	4	2	7	
06:15	0	1	0	4	0	5	
06:30	2	0	1	5	3	5	
06:45	2	3	1	4	3	7	24
07:00	4	0	1	2	5	2	
07:15	2	0	3	2	5	2	
07:30	3	4	2	3	5	7	
07:45	4	2	0	4	4	6	17
08:00	4	1	6	7	10	8	
08:15	4	0	3	3	7	3	
08:30	3	3	1	3	4	6	
08:45	2	2	2	1	4	3	20
09:00	3	2	2	2	5	4	
09:15	5	0	7	0	12	0	
09:30	4	3	6	5	10	8	
09:45	8	1	4	3	12	4	16
10:00	7	1	3	2	10	3	
10:15	6	1	6	4	12	5	
10:30	6	2	5	1	11	3	
10:45	3	2	5	3	8	5	16
11:00	2	0	6	1	8	1	
11:15	3	2	3	0	6	2	
11:30	1	1	6	0	7	1	
11:45	6	1	6	0	12	1	5
Total	90	108	93	201	183	309	
Percent	49.2%	35.0%	50.8%	65.0%			
Day Total		198		294		492	
Peak	09:45	-	00:45	-	01:00	-	-
Vol.	27	-	17	-	31	-	48
P.H.F.	0.844	-	0.708	-	0.646	-	0.938

Currier Road
north of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman



186123 F Volume
Site Code: T0771

Start	SB			NB			Combin ed		03/11/18			
Time	A.M.		P.M.	A.M.		P.M.	A.M.		P.M.	Sun		
12:00	0		3	2		10	2		13			
12:15	0		3	1		8	1		11			
12:30	0		3	1		3	1		6			
12:45	2	2	4	13	0	4	7	28	2	6	41	
01:00	1		4		0		7		1		11	
01:15	0		4		0		9		0		13	
01:30	0		3		1		7		1		10	
01:45	0	1	2	13	2	3	5	28	2	4	7	41
02:00	0		4		0		9		0		13	
02:15	0		6		0		6		0		12	
02:30	0		4		0		6		0		10	
02:45	0	0	6	20	0	0	9	30	0	0	15	50
03:00	1		6		0		6		1		12	
03:15	0		5		0		3		0		8	
03:30	0		2		0		2		0		4	
03:45	0	1	5	18	0	0	6	17	0	1	11	35
04:00	0		6		0		4		0		10	
04:15	0		8		0		7		0		15	
04:30	0		3		1		0		1		3	
04:45	0	0	3	20	0	1	5	16	0	1	8	36
05:00	1		4		0		9		1		13	
05:15	1		2		0		4		1		6	
05:30	0		0		3		2		3		2	
05:45	2	4	1	7	0	3	3	18	2	7	4	25
06:00	1		2		0		11		1		13	
06:15	1		0		0		2		1		2	
06:30	3		5		0		3		3		8	
06:45	2	7	0	7	3	3	3	19	5	10	3	26
07:00	1		1		1		1		2		2	
07:15	3		0		2		7		5		7	
07:30	3		3		3		0		6		3	
07:45	0	7	1	5	2	8	2	10	2	15	3	15
08:00	1		1		1		3		2		4	
08:15	2		2		1		2		3		4	
08:30	4		1		6		3		10		4	
08:45	1	8	1	5	1	9	2	10	2	17	3	15
09:00	3		0		4		1		7		1	
09:15	5		1		3		2		8		3	
09:30	2		0		5		1		7		1	
09:45	5	15	1	2	2	14	0	4	7	29	1	6
10:00	8		0		2		1		10		1	
10:15	3		0		6		0		9		0	
10:30	5		0		17		0		22		0	
10:45	3	19	1	1	4	29	1	2	7	48	2	3
11:00	6		1		5		1		11		2	
11:15	1		0		7		0		8		0	
11:30	4		0		5		0		9		0	
11:45	6	17	0	1	4	21	0	1	10	38	0	2
Total	81		112		95		183		176		295	
Percent	46.0%		38.0%		54.0%		62.0%					
Day Total			193				278				471	
Peak	09:45	-	02:15	-	10:30	-	00:45	-	10:15	-	02:00	-
Vol.	21	-	22	-	33	-	30	-	49	-	50	-
P.H.F.	0.656		0.917		0.485		0.833		0.557		0.833	

Currier Road
north of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman



186123 F Class
Site Code: T0771

SB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
03/09/18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:00	1	11	5	0	3	0	0	0	0	0	0	0	0	20
15:00	0	10	7	0	2	0	0	1	0	0	0	0	0	20
16:00	0	6	3	0	1	0	0	0	0	0	0	0	0	10
17:00	0	16	2	0	3	0	0	0	0	0	0	0	0	21
18:00	0	7	3	0	1	0	0	0	0	0	0	0	0	11
19:00	0	6	3	0	0	0	0	0	0	0	0	0	0	9
20:00	0	7	2	0	2	0	0	0	0	0	0	0	0	11
21:00	0	2	3	0	1	0	0	0	0	0	0	0	0	6
22:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1	66	28	0	13	0	0	1	0	0	0	0	0	109
Percent	0.9%	60.6%	25.7%	0.0%	11.9%	0.0%	0.0%	0.9%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM Peak Vol.														
PM Peak Vol.	14:00	17:00	15:00		14:00			15:00						17:00
	1	16	7		3			1						21

Currier Road
north of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman



186123 F Class
Site Code: T0771

SB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
03/10/1														
8	0	1	0	0	0	0	0	0	0	0	0	0	0	1
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	1	2	0	1	0	0	0	0	0	0	0	0	4
06:00	0	4	0	0	1	0	0	0	0	0	0	0	0	5
07:00	0	9	2	0	2	0	0	0	0	0	0	0	0	13
08:00	0	11	2	0	0	0	0	0	0	0	0	0	0	13
09:00	0	14	5	0	1	0	0	0	0	0	0	0	0	20
10:00	1	12	4	0	5	0	0	0	0	0	0	0	0	22
11:00	0	7	3	0	2	0	0	0	0	0	0	0	0	12
12 PM	0	6	2	0	0	0	0	0	0	0	0	0	0	8
13:00	0	12	3	0	2	0	0	0	0	0	0	0	0	17
14:00	0	10	5	0	1	0	0	0	0	0	0	0	0	16
15:00	0	4	3	0	3	0	0	0	0	0	0	0	0	10
16:00	0	12	3	0	0	0	0	0	0	0	0	0	0	15
17:00	0	5	1	0	1	0	0	0	0	0	0	0	0	7
18:00	0	4	2	0	1	0	0	0	0	0	0	0	0	7
19:00	0	4	2	0	0	0	0	0	0	0	0	0	0	6
20:00	0	4	1	0	1	0	0	0	0	0	0	0	0	6
21:00	0	6	0	0	0	0	0	0	0	0	0	0	0	6
22:00	0	5	0	0	1	0	0	0	0	0	0	0	0	6
23:00	0	3	1	0	0	0	0	0	0	0	0	0	0	4
Total	1	134	41	0	22	0	0	0	0	0	0	0	0	198
Percent	0.5%	67.7%	20.7%	0.0%	11.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM Peak	10:00	09:00	09:00		10:00									10:00
Vol.	1	14	5		5									22
PM Peak		13:00	14:00		15:00									13:00
Vol.		12	5		3									17

Currier Road
north of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman



186123 F Class
Site Code: T0771

SB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
03/11/1														
8	0	1	0	0	1	0	0	0	0	0	0	0	0	2
01:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	4	0	0	0	0	0	0	0	0	0	0	0	4
06:00	0	3	3	0	1	0	0	0	0	0	0	0	0	7
07:00	0	3	3	0	1	0	0	0	0	0	0	0	0	7
08:00	0	8	0	0	0	0	0	0	0	0	0	0	0	8
09:00	0	8	2	0	5	0	0	0	0	0	0	0	0	15
10:00	0	12	4	0	3	0	0	0	0	0	0	0	0	19
11:00	1	10	3	0	3	0	0	0	0	0	0	0	0	17
12 PM	0	11	1	0	1	0	0	0	0	0	0	0	0	13
13:00	0	10	1	0	2	0	0	0	0	0	0	0	0	13
14:00	0	11	5	0	4	0	0	0	0	0	0	0	0	20
15:00	0	8	8	0	2	0	0	0	0	0	0	0	0	18
16:00	0	14	6	0	0	0	0	0	0	0	0	0	0	20
17:00	0	4	0	0	3	0	0	0	0	0	0	0	0	7
18:00	0	4	3	0	0	0	0	0	0	0	0	0	0	7
19:00	0	4	1	0	0	0	0	0	0	0	0	0	0	5
20:00	0	5	0	0	0	0	0	0	0	0	0	0	0	5
21:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
22:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
23:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Total	1	126	40	0	26	0	0	0	0	0	0	0	0	193
Percent	0.5%	65.3%	20.7%	0.0%	13.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM Peak	11:00	10:00	10:00		09:00									10:00
Vol.	1	12	4		5									19
PM Peak		16:00	15:00		14:00									14:00
Vol.		14	8		4									20

Currier Road
north of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman



186123 F Class
Site Code: T0771

NB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
03/09/18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:00	0	24	7	1	3	1	0	0	0	0	0	0	0	36
15:00	0	13	5	0	0	0	0	0	0	0	0	0	0	18
16:00	0	8	5	0	3	0	0	0	0	0	0	0	0	16
17:00	0	24	7	0	0	0	0	0	0	0	0	0	0	31
18:00	0	16	5	0	0	0	0	0	0	0	0	0	0	21
19:00	0	11	1	0	2	0	0	0	0	0	0	0	0	14
20:00	0	9	2	0	1	0	0	0	0	0	0	0	0	12
21:00	0	5	1	0	0	0	0	0	0	0	0	0	0	6
22:00	0	4	3	0	1	0	0	0	0	0	0	0	0	8
23:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Total	0	115	36	1	10	1	0	0	0	0	0	0	0	163
Percent	0.0%	70.6%	22.1%	0.6%	6.1%	0.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM Peak Vol.														
PM Peak Vol.		14:00	14:00	14:00	14:00	14:00								14:00
		24	7	1	3	1								36

Currier Road
north of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman



186123 F Class
Site Code: T0771

NB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
03/10/1														
8	0	2	1	0	0	0	0	0	0	0	0	0	0	3
01:00	0	1	1	0	0	0	0	0	0	0	0	0	0	2
02:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	3	0	0	1	0	0	0	0	0	0	0	0	4
05:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
06:00	0	2	0	0	1	0	0	0	0	0	0	0	0	3
07:00	0	2	3	0	1	0	0	0	0	0	0	0	0	6
08:00	0	7	3	1	1	0	0	0	0	0	0	0	0	12
09:00	0	15	4	0	0	0	0	0	0	0	0	0	0	19
10:00	0	13	2	0	4	0	0	0	0	0	0	0	0	19
11:00	0	14	7	0	0	0	0	0	0	0	0	0	0	21
12 PM	0	19	3	0	2	0	0	0	0	0	0	0	0	24
13:00	0	18	8	0	5	0	0	0	0	0	0	0	0	31
14:00	0	11	7	1	0	0	0	0	0	0	0	0	0	19
15:00	0	15	4	0	1	0	0	1	0	0	0	0	0	21
16:00	0	15	6	0	3	0	0	0	0	0	0	0	0	24
17:00	0	13	6	0	0	0	0	0	0	0	0	0	0	19
18:00	0	13	2	0	2	0	0	0	0	0	0	0	0	17
19:00	0	8	2	0	1	0	0	0	0	0	0	0	0	11
20:00	0	13	1	0	0	0	0	0	0	0	0	0	0	14
21:00	0	7	3	0	0	0	0	0	0	0	0	0	0	10
22:00	0	8	2	0	0	0	0	0	0	0	0	0	0	10
23:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Total	0	204	65	2	22	0	0	1	0	0	0	0	0	294
Percent	0.0%	69.4%	22.1%	0.7%	7.5%	0.0%	0.0%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM Peak		09:00	11:00	08:00	10:00									11:00
Vol.		15	7	1	4									21
PM Peak		12:00	13:00	14:00	13:00			15:00						13:00
Vol.		19	8	1	5			1						31

Currier Road
north of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman



186123 F Class
Site Code: T0771

NB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
03/11/1														
8	0	3	1	0	0	0	0	0	0	0	0	0	0	4
01:00	0	2	1	0	0	0	0	0	0	0	0	0	0	3
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
05:00	0	2	0	0	1	0	0	0	0	0	0	0	0	3
06:00	0	3	0	0	0	0	0	0	0	0	0	0	0	3
07:00	0	5	2	0	0	0	0	1	0	0	0	0	0	8
08:00	0	6	3	0	0	0	0	0	0	0	0	0	0	9
09:00	0	10	2	0	2	0	0	0	0	0	0	0	0	14
10:00	1	20	5	0	3	0	0	0	0	0	0	0	0	29
11:00	0	14	4	0	2	0	0	1	0	0	0	0	0	21
12 PM	1	24	2	0	1	0	0	0	0	0	0	0	0	28
13:00	0	21	6	0	1	0	0	0	0	0	0	0	0	28
14:00	0	18	10	0	2	0	0	0	0	0	0	0	0	30
15:00	0	12	5	0	0	0	0	0	0	0	0	0	0	17
16:00	0	9	7	0	0	0	0	0	0	0	0	0	0	16
17:00	0	14	2	0	2	0	0	0	0	0	0	0	0	18
18:00	0	15	2	0	2	0	0	0	0	0	0	0	0	19
19:00	0	8	1	0	1	0	0	0	0	0	0	0	0	10
20:00	0	9	1	0	0	0	0	0	0	0	0	0	0	10
21:00	0	3	1	0	0	0	0	0	0	0	0	0	0	4
22:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
23:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Total	2	202	55	0	17	0	0	2	0	0	0	0	0	278
Percent	0.7%	72.7%	19.8%	0.0%	6.1%	0.0%	0.0%	0.7%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM Peak	10:00	10:00	10:00		10:00			07:00						10:00
Vol.	1	20	5		3			1						29
PM Peak	12:00	12:00	14:00		14:00									14:00
Vol.	1	24	10		2									30

Currier Road
north of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman



186123 F Speed
Site Code: T0771

SB	Start Time	14	15	20	25	30	35	40	45	50	55	60	65	70	Total	85th % ile	Ave Speed
		14	19	24	29	34	39	44	49	54	59	64	69	9999			
03/09/18		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:00		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:00		1	0	3	6	8	2	0	0	0	0	0	0	0	20	33	28
15:00		1	1	1	9	6	1	1	0	0	0	0	0	0	20	33	28
16:00		0	0	0	5	5	0	0	0	0	0	0	0	0	10	32	30
17:00		0	0	2	9	9	1	0	0	0	0	0	0	0	21	32	29
18:00		0	1	0	5	3	2	0	0	0	0	0	0	0	11	34	29
19:00		0	0	1	3	4	1	0	0	0	0	0	0	0	9	33	30
20:00		0	0	1	7	3	0	0	0	0	0	0	0	0	11	31	28
21:00		0	1	0	2	3	0	0	0	0	0	0	0	0	6	32	28
22:00		0	0	0	0	1	0	0	0	0	0	0	0	0	1	33	32
23:00		0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
Total		2	3	8	46	42	7	1	0	0	0	0	0	0	109		
%		1.8%	2.8%	7.3%	42.2%	38.5%	6.4%	0.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak Vol.																	
PM Peak Vol.		1	1	3	9	9	2	1							21		

Stats

15th Percentile : 24 MPH
50th Percentile : 28 MPH
85th Percentile : 33 MPH
95th Percentile : 35 MPH

Mean Speed(Average) : 29 MPH
10 MPH Pace Speed : 25-34 MPH
Number in Pace : 88
Percent in Pace : 80.7%
Number of Vehicles > 30 MPH : 42
Percent of Vehicles > 30 MPH : 38.2%

Currier Road
north of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman



PRECISION
D A T A
INDUSTRIES, LLC
46 Morton Street, Framingham, MA 01702
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

186123 F Speed
Site Code: T0771

SB	Start Time	1 14	15 19	20 24	25 29	30 34	35 39	40 44	45 49	50 54	55 59	60 64	65 69	70 9999	Total	85th % ile	Ave Speed
03/10/																	
18	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	33	32
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	2	1	1	0	0	0	0	0	0	0	0	4	36	31
06:00	0	0	0	1	3	1	0	0	0	0	0	0	0	0	5	35	32
07:00	0	0	1	2	5	5	0	0	0	0	0	0	0	0	13	37	32
08:00	0	0	1	3	7	2	0	0	0	0	0	0	0	0	13	34	31
09:00	0	0	0	7	9	4	0	0	0	0	0	0	0	0	20	35	31
10:00	0	1	1	6	11	3	0	0	0	0	0	0	0	0	22	33	30
11:00	0	0	0	2	8	2	0	0	0	0	0	0	0	0	12	34	32
12 PM	0	1	0	2	3	2	0	0	0	0	0	0	0	0	8	36	30
13:00	0	0	0	5	8	4	0	0	0	0	0	0	0	0	17	35	32
14:00	0	0	2	6	8	0	0	0	0	0	0	0	0	0	16	32	29
15:00	0	1	1	6	1	1	0	0	0	0	0	0	0	0	10	31	27
16:00	0	0	0	3	8	3	1	0	0	0	0	0	0	0	15	36	33
17:00	0	1	2	1	2	0	1	0	0	0	0	0	0	0	7	33	28
18:00	0	0	0	4	3	0	0	0	0	0	0	0	0	0	7	32	29
19:00	0	0	1	2	2	1	0	0	0	0	0	0	0	0	6	34	30
20:00	0	0	2	3	1	0	0	0	0	0	0	0	0	0	6	29	26
21:00	0	0	0	4	2	0	0	0	0	0	0	0	0	0	6	31	29
22:00	0	0	0	1	5	0	0	0	0	0	0	0	0	0	6	33	31
23:00	0	0	0	1	2	1	0	0	0	0	0	0	0	0	4	36	32
Total	0	4	11	61	90	30	2	0	0	0	0	0	0	0	198		
%	0.0%	2.0%	5.6%	30.8%	45.5%	15.2%	1.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak		10:00	07:00	09:00	10:00	07:00									10:00		
Vol.		1	1	7	11	5									22		
PM Peak		12:00	14:00	14:00	13:00	13:00	16:00								13:00		
Vol.		1	2	6	8	4	1								17		

Stats

15th Percentile :	25 MPH
50th Percentile :	30 MPH
85th Percentile :	34 MPH
95th Percentile :	37 MPH
Mean Speed(Average) :	30 MPH
10 MPH Pace Speed :	25-34 MPH
Number in Pace :	151
Percent in Pace :	76.3%
Number of Vehicles > 30 MPH :	104
Percent of Vehicles > 30 MPH :	52.5%

Currier Road
north of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman



186123 F Speed
Site Code: T0771

SB	Start Time	1 14	15 19	20 24	25 29	30 34	35 39	40 44	45 49	50 54	55 59	60 64	65 69	70 9999	Total	85th % ile	Ave Speed
03/11/																	
18	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2	33	32
01:00	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	28	27
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	28	27
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	1	0	3	0	0	0	0	0	0	0	0	0	4	33	30
06:00	0	0	1	4	1	1	0	0	0	0	0	0	0	0	7	33	28
07:00	0	0	0	3	4	0	0	0	0	0	0	0	0	0	7	32	30
08:00	0	0	0	2	4	2	0	0	0	0	0	0	0	0	8	36	32
09:00	0	0	1	3	6	5	0	0	0	0	0	0	0	0	15	36	32
10:00	0	0	3	6	7	3	0	0	0	0	0	0	0	0	19	34	30
11:00	0	1	2	4	9	1	0	0	0	0	0	0	0	0	17	33	29
12 PM	0	0	0	6	5	1	1	0	0	0	0	0	0	0	13	34	31
13:00	0	0	4	5	3	1	0	0	0	0	0	0	0	0	13	32	27
14:00	0	1	2	3	12	1	1	0	0	0	0	0	0	0	20	33	30
15:00	0	0	0	8	10	0	0	0	0	0	0	0	0	0	18	32	30
16:00	0	0	1	8	10	1	0	0	0	0	0	0	0	0	20	33	30
17:00	0	0	1	3	3	0	0	0	0	0	0	0	0	0	7	32	28
18:00	0	0	1	3	3	0	0	0	0	0	0	0	0	0	7	32	28
19:00	0	0	0	4	1	0	0	0	0	0	0	0	0	0	5	30	28
20:00	0	0	0	2	2	1	0	0	0	0	0	0	0	0	5	35	31
21:00	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2	28	27
22:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	23	22
23:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	33	32
Total	0	2	18	68	86	17	2	0	0	0	0	0	0	0	193		
%	0.0%	1.0%	9.3%	35.2%	44.6%	8.8%	1.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak		11:00	10:00	10:00	11:00	09:00									10:00		
Vol.		1	3	6	9	5									19		
PM Peak		14:00	13:00	15:00	14:00	12:00	12:00								14:00		
Vol.		1	4	8	12	1	1								20		

Stats

15th Percentile :	24 MPH
50th Percentile :	29 MPH
85th Percentile :	33 MPH
95th Percentile :	36 MPH
Mean Speed(Average) :	30 MPH
10 MPH Pace Speed :	25-34 MPH
Number in Pace :	154
Percent in Pace :	79.8%
Number of Vehicles > 30 MPH :	88
Percent of Vehicles > 30 MPH :	45.5%

Currier Road
north of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman



186123 F Speed
Site Code: T0771

NB	Start Time	14	15	19	20	24	25	29	30	34	35	39	40	44	45	49	50	54	55	59	60	64	65	69	70	9999	Total	85th % ile	Ave Speed
03/09/18	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:00	1	2	6	13	9	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	36	33	28	
15:00	0	0	3	9	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	31	28	
16:00	0	1	2	0	9	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	36	31	
17:00	0	1	2	14	12	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31	32	29	
18:00	0	0	1	10	8	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21	33	30	
19:00	0	0	1	5	5	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	38	31	
20:00	0	0	1	6	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	32	29	
21:00	0	1	1	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	32	28	
22:00	0	0	1	3	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	32	29	
23:00	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	28	27	
Total	1	5	18	61	61	14	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	163			
%	0.6%	3.1%	11.0%	37.4%	37.4%	8.6%	1.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%				
AM Peak Vol.																													
PM Peak Vol.	14:00	14:00	14:00	17:00	17:00	14:00	19:00																			14:00			
	1	2	6	14	12	5	2																			36			

Stats

15th Percentile : 24 MPH
50th Percentile : 28 MPH
85th Percentile : 33 MPH
95th Percentile : 37 MPH

Mean Speed(Average) : 29 MPH
10 MPH Pace Speed : 25-34 MPH
Number in Pace : 122
Percent in Pace : 74.8%
Number of Vehicles > 30 MPH : 66
Percent of Vehicles > 30 MPH : 40.4%



PRECISION
D A T A
INDUSTRIES, LLC

46 Morton Street, Framingham, MA 01702
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

Currier Road
north of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman

186123 F Speed
Site Code: T0771

NB

Start Time	1 14	15 19	20 24	25 29	30 34	35 39	40 44	45 49	50 54	55 59	60 64	65 69	70 9999	Total	85th % ile	Ave Speed
03/10/																
18	0	0	0	1	2	0	0	0	0	0	0	0	0	3	32	30
01:00	0	0	0	1	1	0	0	0	0	0	0	0	0	2	32	30
02:00	0	0	0	0	1	1	0	0	0	0	0	0	0	2	37	35
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	1	0	1	2	0	0	0	0	0	0	4	42	37
05:00	0	0	0	2	0	0	0	0	0	0	0	0	0	2	28	27
06:00	0	0	0	1	2	0	0	0	0	0	0	0	0	3	32	30
07:00	0	0	0	3	3	0	0	0	0	0	0	0	0	6	32	30
08:00	0	0	0	7	5	0	0	0	0	0	0	0	0	12	32	29
09:00	0	0	0	8	8	3	0	0	0	0	0	0	0	19	34	31
10:00	0	2	1	8	8	0	0	0	0	0	0	0	0	19	32	28
11:00	0	0	4	9	7	1	0	0	0	0	0	0	0	21	32	28
12 PM	0	0	1	11	8	4	0	0	0	0	0	0	0	24	34	30
13:00	0	0	1	10	16	1	3	0	0	0	0	0	0	31	33	31
14:00	0	0	2	7	8	2	0	0	0	0	0	0	0	19	33	30
15:00	0	2	5	6	6	1	1	0	0	0	0	0	0	21	33	27
16:00	0	2	6	8	6	2	0	0	0	0	0	0	0	24	32	27
17:00	0	1	4	6	8	0	0	0	0	0	0	0	0	19	32	28
18:00	0	0	1	7	8	1	0	0	0	0	0	0	0	17	33	30
19:00	0	1	1	6	3	0	0	0	0	0	0	0	0	11	31	27
20:00	0	0	4	6	4	0	0	0	0	0	0	0	0	14	31	27
21:00	0	0	2	4	3	1	0	0	0	0	0	0	0	10	33	28
22:00	0	0	3	4	2	0	0	0	1	0	0	0	0	10	32	29
23:00	0	0	0	0	1	0	0	0	0	0	0	0	0	1	33	32
Total	0	8	35	116	110	18	6	0	1	0	0	0	0	294		
%	0.0%	2.7%	11.9%	39.5%	37.4%	6.1%	2.0%	0.0%	0.3%	0.0%	0.0%	0.0%	0.0%			
AM Peak		10:00	11:00	11:00	09:00	09:00	04:00							11:00		
Vol.		2	4	9	8	3	2							21		
PM Peak		15:00	16:00	12:00	13:00	12:00	13:00		22:00					13:00		
Vol.		2	6	11	16	4	3		1					31		

Stats

15th Percentile :	24 MPH
50th Percentile :	28 MPH
85th Percentile :	33 MPH
95th Percentile :	36 MPH

Mean Speed(Average) :	29 MPH
10 MPH Pace Speed :	25-34 MPH
Number in Pace :	226
Percent in Pace :	76.9%
Number of Vehicles > 30 MPH :	113
Percent of Vehicles > 30 MPH :	38.4%

Currier Road
north of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman



186123 F Speed
Site Code: T0771

NB	Start Time	14	15	19	20	24	25	29	30	34	35	39	40	44	45	49	50	54	55	59	60	64	65	69	70	9999	Total	85th % ile	Ave Speed
03/11/18	0	0	0	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	31	28	
01:00	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	31	29	
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*	
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*	
04:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	28	27	
05:00	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	31	27	
06:00	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	32	30	
07:00	0	0	2	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	31	27	
08:00	0	0	1	2	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	32	30	
09:00	0	0	1	6	6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	33	30	
10:00	0	0	5	12	11	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29	32	28	
11:00	0	1	0	11	7	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21	33	29	
12 PM	1	1	1	13	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28	32	28	
13:00	0	0	2	15	9	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28	32	29	
14:00	0	0	4	12	13	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	32	29	
15:00	0	1	1	5	8	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	33	30	
16:00	0	0	1	7	5	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	35	30	
17:00	0	0	1	9	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	32	29	
18:00	0	1	5	5	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19	32	27	
19:00	0	0	5	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	31	26	
20:00	0	0	2	5	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	31	27	
21:00	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	33	32	
22:00	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	27	25	
23:00	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	28	27	
Total %	1	4	33	118	109	12	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	278			
AM Peak Vol.		11:00	10:00	10:00	10:00	11:00																					10:00		
PM Peak Vol.	12:00	12:00	18:00	13:00	14:00	16:00	13:00																				14:00		
	1	1	5	15	13	3	1																				30		

Stats

15th Percentile :	24 MPH
50th Percentile :	28 MPH
85th Percentile :	32 MPH
95th Percentile :	33 MPH
Mean Speed(Average) :	29 MPH
10 MPH Pace Speed :	25-34 MPH
Number in Pace :	227
Percent in Pace :	81.7%
Number of Vehicles > 30 MPH :	100
Percent of Vehicles > 30 MPH :	36.0%

Sandwich Road
south of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman



186123 G Volume
Site Code: T0771

Start	NB				SB				Combin	03/09/18			
Time	A.M.	P.M.			A.M.	P.M.			ed	P.M.			Fri
12:00	*	68			*	63			*	131			
12:15	*	84			*	48			*	132			
12:30	*	80			*	51			*	131			
12:45	*	70	302		*	66	228		*	136	530		
01:00	*	74			*	67			*	141			
01:15	*	66			*	64			*	130			
01:30	*	62			*	53			*	115			
01:45	*	47	249		*	59	243		*	106	492		
02:00	*	75			*	58			*	133			
02:15	*	87			*	78			*	165			
02:30	*	74			*	62			*	136			
02:45	*	91	327		*	69	267		*	160	594		
03:00	*	72			*	81			*	153			
03:15	*	112			*	91			*	203			
03:30	*	93			*	96			*	189			
03:45	*	84	361		*	88	356		*	172	717		
04:00	*	126			*	68			*	194			
04:15	*	127			*	102			*	229			
04:30	*	112			*	95			*	207			
04:45	*	92	457		*	86	351		*	178	808		
05:00	*	102			*	104			*	206			
05:15	*	99			*	84			*	183			
05:30	*	68			*	76			*	144			
05:45	*	89	358		*	77	341		*	166	699		
06:00	*	59			*	67			*	126			
06:15	*	78			*	62			*	140			
06:30	*	49			*	70			*	119			
06:45	*	43	229		*	58	257		*	101	486		
07:00	*	40			*	47			*	87			
07:15	*	46			*	52			*	98			
07:30	*	34			*	42			*	76			
07:45	*	38	158		*	30	171		*	68	329		
08:00	*	34			*	36			*	70			
08:15	*	21			*	48			*	69			
08:30	*	19			*	38			*	57			
08:45	*	31	105		*	41	163		*	72	268		
09:00	*	30			*	28			*	58			
09:15	*	19			*	28			*	47			
09:30	*	17			*	20			*	37			
09:45	*	29	95		*	33	109		*	62	204		
10:00	*	23			*	25			*	48			
10:15	*	20			*	18			*	38			
10:30	*	12			*	22			*	34			
10:45	*	17	72		*	23	88		*	40	160		
11:00	*	13			*	13			*	26			
11:15	*	21			*	14			*	35			
11:30	*	9			*	12			*	21			
11:45	*	8	51		*	10	49		*	18	100		
Total	0	2764		0	2623		0		5387				
Percent	0.0%	51.3%		0.0%	48.7%								
Day Total		2764			2623				5387				
Peak	-	- 04:00	-	-	- 04:15	-	-	-	- 04:15	-	-	-	-
Vol.	-	- 457	-	-	- 387	-	-	-	- 820	-	-	-	-
P.H.F.		0.900			0.930				0.895				

Sandwich Road
south of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman



186123 G Volume
Site Code: T0771

Start	NB				SB				Combined		03/10/18	
Time	A.M.		P.M.		A.M.		P.M.		A.M.	P.M.	Sat	
12:00	7		91		7		56		14	147		
12:15	4		85		6		78		10	163		
12:30	2		74		7		65		9	139		
12:45	7	20	73	323	5	25	61	260	12	134	583	
01:00	6		59		10		64		16	123		
01:15	8		81		3		89		11	170		
01:30	4		72		3		77		7	149		
01:45	3	21	79	291	1	17	81	311	4	160	602	
02:00	1		78		1		72		2	150		
02:15	2		83		3		72		5	155		
02:30	3		75		3		84		6	159		
02:45	2	8	83	319	1	8	67	295	3	150	614	
03:00	3		74		0		64		3	138		
03:15	1		61		1		62		2	123		
03:30	8		67		1		57		9	124		
03:45	4	16	71	273	2	4	70	253	6	141	526	
04:00	2		66		2		58		4	124		
04:15	0		65		0		61		0	126		
04:30	6		53		2		63		8	116		
04:45	3	11	55	239	1	5	59	241	4	114	480	
05:00	6		48		6		53		12	101		
05:15	7		66		5		55		12	121		
05:30	12		46		11		50		23	96		
05:45	8	33	54	214	11	33	55	213	19	109	427	
06:00	20		53		7		44		27	97		
06:15	24		56		5		62		29	118		
06:30	29		44		22		54		51	98		
06:45	39	112	45	198	39	73	48	208	78	93	406	
07:00	37		41		24		41		61	82		
07:15	39		31		39		46		78	77		
07:30	47		32		48		34		95	66		
07:45	49	172	26	130	48	159	35	156	97	61	286	
08:00	46		30		36		32		82	62		
08:15	52		29		53		25		105	54		
08:30	66		31		52		24		118	55		
08:45	72	236	27	117	61	202	31	112	133	58	229	
09:00	66		21		47		25		113	46		
09:15	72		22		61		37		133	59		
09:30	64		17		59		19		123	36		
09:45	73	275	15	75	53	220	28	109	126	43	184	
10:00	82		16		60		22		142	38		
10:15	85		16		74		17		159	33		
10:30	81		13		74		18		155	31		
10:45	69	317	10	55	52	260	19	76	121	29	131	
11:00	70		12		67		9		137	21		
11:15	74		15		73		19		147	34		
11:30	92		9		58		9		150	18		
11:45	91	327	9	45	85	283	8	45	176	17	90	
Total	1548		2279		1289		2279		2837	4558		
Percent	54.6%		50.0%		45.4%		50.0%					
Day Total		3827			3568				7395			
Peak	11:00	-	12:00	-	11:00	-	01:15	-	11:00	-	01:15	-
Vol.	327	-	323	-	283	-	319	-	610	-	629	-
P.H.F.	0.889		0.887		0.832		0.896		0.866		0.925	

Sandwich Road
south of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman



186123 G Volume
Site Code: T0771

Start	NB				SB				Combin	03/11/18			
Time	A.M.		P.M.		A.M.		P.M.		ed	A.M.		P.M.	Sun
12:00	5		66		14		62		19		128		
12:15	9		77		9		79		18		156		
12:30	8		78		11		74		19		152		
12:45	6	28	71	292	6	40	59	274	12	68	130	566	
01:00	7		71		3		60		10		131		
01:15	2		69		4		57		6		126		
01:30	7		71		3		71		10		142		
01:45	6	22	64	275	4	14	64	252	10	36	128	527	
02:00	4		65		6		65		10		130		
02:15	6		72		5		64		11		136		
02:30	2		72		3		68		5		140		
02:45	3	15	64	273	0	14	50	247	3	29	114	520	
03:00	3		70		4		58		7		128		
03:15	0		56		4		44		4		100		
03:30	1		57		0		54		1		111		
03:45	2	6	65	248	5	13	50	206	7	19	115	454	
04:00	3		59		1		55		4		114		
04:15	1		52		8		49		9		101		
04:30	1		41		4		50		5		91		
04:45	9	14	49	201	7	20	46	200	16	34	95	401	
05:00	9		47		11		52		20		99		
05:15	12		41		6		44		18		85		
05:30	6		59		11		47		17		106		
05:45	10	37	32	179	13	41	46	189	23	78	78	368	
06:00	22		47		12		42		34		89		
06:15	32		41		13		39		45		80		
06:30	26		28		31		26		57		54		
06:45	33	113	23	139	34	90	33	140	67	203	56	279	
07:00	35		27		29		35		64		62		
07:15	41		32		22		42		63		74		
07:30	33		27		53		35		86		62		
07:45	48	157	18	104	57	161	23	135	105	318	41	239	
08:00	56		14		40		18		96		32		
08:15	53		18		45		28		98		46		
08:30	47		10		62		19		109		29		
08:45	67	223	14	56	67	214	16	81	134	437	30	137	
09:00	71		12		53		11		124		23		
09:15	68		10		57		13		125		23		
09:30	82		10		48		15		130		25		
09:45	65	286	9	41	46	204	18	57	111	490	27	98	
10:00	65		8		49		14		114		22		
10:15	84		7		54		6		138		13		
10:30	83		3		62		8		145		11		
10:45	66	298	4	22	62	227	4	32	128	525	8	54	
11:00	81		5		59		2		140		7		
11:15	91		6		71		0		162		6		
11:30	69		4		60		5		129		9		
11:45	72	313	2	17	62	252	2	9	134	565	4	26	
Total	1512		1847		1290		1822		2802		3669		
Percent	54.0%		50.3%		46.0%		49.7%						
Day Total		3359				3112				6471			
Peak	10:30	-	00:15	-	10:30	-	12:00	-	10:30	-	00:15	-	-
Vol.	321	-	297	-	254	-	274	-	575	-	569	-	-
P.H.F.	0.882		0.952		0.894		0.867		0.887		0.912		

Sandwich Road
south of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman



186123 G Class
Site Code: T0771

NB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
03/09/18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM	0	212	68	0	15	3	1	2	1	0	0	0	0	302
13:00	0	172	66	0	8	2	0	1	0	0	0	0	0	249
14:00	1	241	63	1	15	4	1	1	0	0	0	0	0	327
15:00	1	262	76	2	18	1	0	0	1	0	0	0	0	361
16:00	1	326	109	1	15	1	1	2	1	0	0	0	0	457
17:00	1	263	81	1	9	3	0	0	0	0	0	0	0	358
18:00	0	168	50	0	11	0	0	0	0	0	0	0	0	229
19:00	0	127	29	0	2	0	0	0	0	0	0	0	0	158
20:00	0	77	23	0	5	0	0	0	0	0	0	0	0	105
21:00	0	75	19	0	1	0	0	0	0	0	0	0	0	95
22:00	0	59	12	0	1	0	0	0	0	0	0	0	0	72
23:00	0	40	11	0	0	0	0	0	0	0	0	0	0	51
Total	4	2022	607	5	100	14	3	6	3	0	0	0	0	2764
Percent	0.1%	73.2%	22.0%	0.2%	3.6%	0.5%	0.1%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	
AM Peak Vol.														
PM Peak Vol.	14:00	16:00	16:00	15:00	15:00	14:00	12:00	12:00	12:00					16:00
	1	326	109	2	18	4	1	2	1					457

Sandwich Road
south of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman



186123 G Class
Site Code: T0771

NB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
03/10/1														
8	0	16	4	0	0	0	0	0	0	0	0	0	0	20
01:00	0	18	3	0	0	0	0	0	0	0	0	0	0	21
02:00	0	7	1	0	0	0	0	0	0	0	0	0	0	8
03:00	0	8	3	0	4	0	0	1	0	0	0	0	0	16
04:00	0	9	2	0	0	0	0	0	0	0	0	0	0	11
05:00	0	19	10	1	3	0	0	0	0	0	0	0	0	33
06:00	0	70	34	0	6	1	0	1	0	0	0	0	0	112
07:00	0	116	44	1	10	0	0	1	0	0	0	0	0	172
08:00	0	166	53	2	13	1	0	1	0	0	0	0	0	236
09:00	1	198	61	0	12	3	0	0	0	0	0	0	0	275
10:00	4	216	83	0	11	2	1	0	0	0	0	0	0	317
11:00	2	223	79	0	18	1	0	4	0	0	0	0	0	327
12 PM	1	238	73	0	8	0	0	3	0	0	0	0	0	323
13:00	0	217	60	0	12	1	0	1	0	0	0	0	0	291
14:00	0	254	63	0	1	0	0	1	0	0	0	0	0	319
15:00	2	203	58	0	7	1	0	2	0	0	0	0	0	273
16:00	0	193	39	0	7	0	0	0	0	0	0	0	0	239
17:00	0	175	32	1	5	0	0	1	0	0	0	0	0	214
18:00	1	150	38	0	7	0	0	2	0	0	0	0	0	198
19:00	0	103	21	0	5	0	0	1	0	0	0	0	0	130
20:00	1	82	33	0	1	0	0	0	0	0	0	0	0	117
21:00	2	60	13	0	0	0	0	0	0	0	0	0	0	75
22:00	0	45	9	0	1	0	0	0	0	0	0	0	0	55
23:00	0	39	4	0	2	0	0	0	0	0	0	0	0	45
Total	14	2825	820	5	133	10	1	19	0	0	0	0	0	3827
Percent	0.4%	73.8%	21.4%	0.1%	3.5%	0.3%	0.0%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM Peak	10:00	11:00	10:00	08:00	11:00	09:00	10:00	11:00						11:00
Vol.	4	223	83	2	18	3	1	4						327
PM Peak	15:00	14:00	12:00	17:00	13:00	13:00		12:00						12:00
Vol.	2	254	73	1	12	1		3						323

Sandwich Road
south of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman



186123 G Class
Site Code: T0771

NB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
03/11/1														
8	0	26	2	0	0	0	0	0	0	0	0	0	0	28
01:00	0	19	3	0	0	0	0	0	0	0	0	0	0	22
02:00	0	13	1	0	1	0	0	0	0	0	0	0	0	15
03:00	0	4	1	1	0	0	0	0	0	0	0	0	0	6
04:00	0	10	4	0	0	0	0	0	0	0	0	0	0	14
05:00	0	27	8	0	2	0	0	0	0	0	0	0	0	37
06:00	0	83	27	0	3	0	0	0	0	0	0	0	0	113
07:00	0	120	27	0	10	0	0	0	0	0	0	0	0	157
08:00	1	166	49	0	7	0	0	0	0	0	0	0	0	223
09:00	0	210	62	0	11	0	0	3	0	0	0	0	0	286
10:00	1	233	53	0	10	1	0	0	0	0	0	0	0	298
11:00	2	233	69	0	9	0	0	0	0	0	0	0	0	313
12 PM	2	223	57	0	8	0	0	2	0	0	0	0	0	292
13:00	1	214	48	0	7	2	0	3	0	0	0	0	0	275
14:00	0	216	47	1	9	0	0	0	0	0	0	0	0	273
15:00	1	199	43	0	5	0	0	0	0	0	0	0	0	248
16:00	0	158	42	0	1	0	0	0	0	0	0	0	0	201
17:00	0	135	39	0	4	0	0	1	0	0	0	0	0	179
18:00	2	111	22	0	2	2	0	0	0	0	0	0	0	139
19:00	0	80	19	0	5	0	0	0	0	0	0	0	0	104
20:00	0	43	12	0	1	0	0	0	0	0	0	0	0	56
21:00	0	35	5	0	1	0	0	0	0	0	0	0	0	41
22:00	0	18	3	0	1	0	0	0	0	0	0	0	0	22
23:00	0	15	2	0	0	0	0	0	0	0	0	0	0	17
Total	10	2591	645	2	97	5	0	9	0	0	0	0	0	3359
Percent	0.3%	77.1%	19.2%	0.1%	2.9%	0.1%	0.0%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM Peak	11:00	10:00	11:00	03:00	09:00	10:00		09:00						11:00
Vol.	2	233	69	1	11	1		3						313
PM Peak	12:00	12:00	12:00	14:00	14:00	13:00		13:00						12:00
Vol.	2	223	57	1	9	2		3						292

Sandwich Road
south of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman



186123 G Class
Site Code: T0771

SB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
03/09/18	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM	0	161	46	0	20	0	0	0	1	0	0	0	0	228
13:00	1	172	54	1	12	2	1	0	0	0	0	0	0	243
14:00	1	203	43	2	15	2	1	0	0	0	0	0	0	267
15:00	0	239	93	2	17	2	1	2	0	0	0	0	0	356
16:00	1	238	85	1	23	1	0	2	0	0	0	0	0	351
17:00	2	267	62	0	9	0	0	1	0	0	0	0	0	341
18:00	1	195	52	0	9	0	0	0	0	0	0	0	0	257
19:00	0	132	33	0	5	0	0	1	0	0	0	0	0	171
20:00	0	124	33	0	6	0	0	0	0	0	0	0	0	163
21:00	0	89	18	0	2	0	0	0	0	0	0	0	0	109
22:00	0	64	21	0	3	0	0	0	0	0	0	0	0	88
23:00	0	38	8	0	3	0	0	0	0	0	0	0	0	49
Total	6	1922	548	6	124	7	3	6	1	0	0	0	0	2623
Percent	0.2%	73.3%	20.9%	0.2%	4.7%	0.3%	0.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM Peak Vol.														
PM Peak Vol.	17:00	17:00	15:00	14:00	16:00	13:00	13:00	15:00	12:00					15:00
	2	267	93	2	23	2	1	2	1					356

Sandwich Road
south of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman



186123 G Class
Site Code: T0771

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
03/10/1														
8	0	23	1	0	1	0	0	0	0	0	0	0	0	25
01:00	0	13	3	0	1	0	0	0	0	0	0	0	0	17
02:00	0	5	3	0	0	0	0	0	0	0	0	0	0	8
03:00	0	4	0	0	0	0	0	0	0	0	0	0	0	4
04:00	0	3	2	0	0	0	0	0	0	0	0	0	0	5
05:00	0	22	7	0	4	0	0	0	0	0	0	0	0	33
06:00	0	43	20	0	7	1	0	2	0	0	0	0	0	73
07:00	0	109	32	1	16	0	0	1	0	0	0	0	0	159
08:00	2	136	47	0	17	0	0	0	0	0	0	0	0	202
09:00	1	155	43	0	18	1	0	2	0	0	0	0	0	220
10:00	4	180	60	2	14	0	0	0	0	0	0	0	0	260
11:00	3	200	58	0	21	0	0	1	0	0	0	0	0	283
12 PM	1	179	55	1	23	1	0	0	0	0	0	0	0	260
13:00	5	239	51	1	14	0	0	1	0	0	0	0	0	311
14:00	0	208	73	0	13	0	0	1	0	0	0	0	0	295
15:00	3	198	44	0	8	0	0	0	0	0	0	0	0	253
16:00	0	187	38	1	13	0	0	2	0	0	0	0	0	241
17:00	2	164	39	0	8	0	0	0	0	0	0	0	0	213
18:00	0	162	38	0	8	0	0	0	0	0	0	0	0	208
19:00	0	127	24	0	5	0	0	0	0	0	0	0	0	156
20:00	1	92	14	0	5	0	0	0	0	0	0	0	0	112
21:00	1	85	17	0	5	1	0	0	0	0	0	0	0	109
22:00	0	62	11	0	3	0	0	0	0	0	0	0	0	76
23:00	0	35	8	0	2	0	0	0	0	0	0	0	0	45
Total	23	2631	688	6	206	4	0	10	0	0	0	0	0	3568
Percent	0.6%	73.7%	19.3%	0.2%	5.8%	0.1%	0.0%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM Peak	10:00	11:00	10:00	10:00	11:00	06:00		06:00						11:00
Vol.	4	200	60	2	21	1		2						283
PM Peak	13:00	13:00	14:00	12:00	12:00	12:00		16:00						13:00
Vol.	5	239	73	1	23	1		2						311

Sandwich Road
 south of Nathan Ellis Highway (Route 151)
 City, State: Falmouth, MA
 Client: TEC/ L. Oltman



186123 G Class
 Site Code: T0771

SB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
03/11/1														
8	0	35	3	0	2	0	0	0	0	0	0	0	0	40
01:00	0	12	2	0	0	0	0	0	0	0	0	0	0	14
02:00	0	9	4	0	1	0	0	0	0	0	0	0	0	14
03:00	0	12	1	0	0	0	0	0	0	0	0	0	0	13
04:00	0	12	6	0	2	0	0	0	0	0	0	0	0	20
05:00	0	36	4	0	1	0	0	0	0	0	0	0	0	41
06:00	0	57	16	0	16	0	0	1	0	0	0	0	0	90
07:00	0	111	41	0	8	0	0	1	0	0	0	0	0	161
08:00	1	162	41	0	10	0	0	0	0	0	0	0	0	214
09:00	2	133	55	0	13	1	0	0	0	0	0	0	0	204
10:00	1	167	45	0	13	1	0	0	0	0	0	0	0	227
11:00	1	189	43	0	14	1	0	4	0	0	0	0	0	252
12 PM	5	213	44	0	12	0	0	0	0	0	0	0	0	274
13:00	3	193	39	0	16	0	0	1	0	0	0	0	0	252
14:00	0	192	47	0	7	1	0	0	0	0	0	0	0	247
15:00	1	157	35	0	11	0	0	2	0	0	0	0	0	206
16:00	4	157	31	0	8	0	0	0	0	0	0	0	0	200
17:00	1	155	27	0	6	0	0	0	0	0	0	0	0	189
18:00	1	105	27	0	7	0	0	0	0	0	0	0	0	140
19:00	0	105	24	0	6	0	0	0	0	0	0	0	0	135
20:00	0	69	10	0	2	0	0	0	0	0	0	0	0	81
21:00	0	45	12	0	0	0	0	0	0	0	0	0	0	57
22:00	0	27	4	0	1	0	0	0	0	0	0	0	0	32
23:00	0	9	0	0	0	0	0	0	0	0	0	0	0	9
Total	20	2362	561	0	156	4	0	9	0	0	0	0	0	3112
Percent	0.6%	75.9%	18.0%	0.0%	5.0%	0.1%	0.0%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM Peak	09:00	11:00	09:00		06:00	09:00		11:00						11:00
Vol.	2	189	55		16	1		4						252
PM Peak	12:00	12:00	14:00		13:00	14:00		15:00						12:00
Vol.	5	213	47		16	1		2						274

Sandwich Road
south of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman



186123 G Speed
Site Code: T0771

NB	Start Time	1 14	15 19	20 24	25 29	30 34	35 39	40 44	45 49	50 54	55 59	60 64	65 69	70 9999	Total	85th % ile	Ave Speed
03/09/																	
18	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM	0	0	0	7	33	90	117	44	11	0	0	0	0	0	302	45	40
13:00	0	0	0	0	0	57	143	44	3	2	0	0	0	0	249	45	42
14:00	0	0	0	2	17	92	157	57	2	0	0	0	0	0	327	44	41
15:00	0	0	0	0	23	104	168	54	11	0	0	0	0	1	361	45	41
16:00	0	0	1	9	42	152	196	48	9	0	0	0	0	0	457	43	40
17:00	0	0	0	0	11	118	186	36	7	0	0	0	0	0	358	43	41
18:00	0	0	0	2	18	98	83	23	5	0	0	0	0	0	229	43	40
19:00	0	0	0	1	11	53	68	20	5	0	0	0	0	0	158	44	40
20:00	0	0	0	2	5	29	47	18	3	1	0	0	0	0	105	45	41
21:00	0	0	0	4	9	24	35	19	3	1	0	0	0	0	95	46	41
22:00	0	0	0	0	2	9	38	17	5	1	0	0	0	0	72	47	43
23:00	0	0	0	0	2	9	18	15	7	0	0	0	0	0	51	48	44
Total	0	0	1	27	173	835	1256	395	71	5	0	0	0	1	2764		
%	0.0%	0.0%	0.0%	1.0%	6.3%	30.2%	45.4%	14.3%	2.6%	0.2%	0.0%	0.0%	0.0%	0.0%			

AM																	
Peak																	
Vol.																	
PM																	
Peak			16:00	16:00	16:00	16:00	16:00	14:00	12:00	13:00				15:00	16:00		
Vol.			1	9	42	152	196	57	11	2				1	457		

Stats

15th Percentile : 35 MPH
50th Percentile : 40 MPH
85th Percentile : 44 MPH
95th Percentile : 48 MPH

Mean Speed(Average) : 41 MPH
10 MPH Pace Speed : 35-44 MPH
Number in Pace : 2091
Percent in Pace : 75.7%
Number of Vehicles > 40 MPH : 1477
Percent of Vehicles > 40 MPH : 53.4%

Sandwich Road
 south of Nathan Ellis Highway (Route 151)
 City, State: Falmouth, MA
 Client: TEC/ L. Oltman



186123 G Speed
 Site Code: T0771

NB	Start Time	14	15	20	25	30	35	40	45	50	55	60	65	70	Total	85th % ile	Ave Speed
		14	19	24	29	34	39	44	49	54	59	64	69	9999			
03/10/																	
18	0	0	0	0	1	4	8	5	1	1	0	0	0	0	20	48	43
01:00	0	0	0	0	0	2	9	5	2	1	1	1	1	0	21	53	47
02:00	0	0	0	0	0	2	4	0	2	0	0	0	0	0	8	51	43
03:00	0	0	0	0	0	7	5	3	1	0	0	0	0	0	16	46	41
04:00	0	0	0	0	1	4	2	3	1	0	0	0	0	0	11	47	42
05:00	0	0	0	0	2	8	10	11	0	1	1	0	0	0	33	47	43
06:00	0	0	0	0	2	14	47	41	5	3	0	0	0	0	112	47	44
07:00	0	0	0	0	3	34	79	41	14	1	0	0	0	0	172	47	43
08:00	0	0	0	3	3	41	127	52	9	1	0	0	0	0	236	46	42
09:00	0	0	0	0	6	49	141	59	18	1	1	0	0	0	275	47	43
10:00	0	0	0	0	11	74	153	67	8	4	0	0	0	0	317	46	42
11:00	0	0	0	1	20	87	147	60	10	2	0	0	0	0	327	45	41
12 PM	0	1	0	3	7	62	170	66	12	2	0	0	0	0	323	46	42
13:00	0	0	0	0	11	65	151	57	7	0	0	0	0	0	291	45	42
14:00	0	0	0	0	4	85	147	76	7	0	0	0	0	0	319	46	42
15:00	0	0	0	0	7	67	144	48	6	1	0	0	0	0	273	45	42
16:00	0	0	0	0	10	61	129	35	3	1	0	0	0	0	239	44	41
17:00	0	0	0	1	6	70	97	34	5	1	0	0	0	0	214	45	41
18:00	0	0	0	1	11	71	85	27	3	0	0	0	0	0	198	44	40
19:00	0	0	0	0	5	44	54	22	4	1	0	0	0	0	130	45	41
20:00	0	0	0	1	19	38	38	15	5	1	0	0	0	0	117	45	40
21:00	0	0	0	0	3	30	27	11	3	1	0	0	0	0	75	45	41
22:00	0	0	0	0	2	20	17	12	4	0	0	0	0	0	55	47	42
23:00	0	0	0	0	1	9	20	11	3	1	0	0	0	0	45	47	43
Total	0	1	0	10	135	948	1811	761	133	24	3	1	0	0	3827		
%	0.0%	0.0%	0.0%	0.3%	3.5%	24.8%	47.3%	19.9%	3.5%	0.6%	0.1%	0.0%	0.0%				
AM Peak				08:00	11:00	11:00	10:00	10:00	09:00	10:00	01:00	01:00			11:00		
Vol.				3	20	87	153	67	18	4	1	1			327		
PM Peak		12:00		12:00	20:00	14:00	12:00	14:00	12:00	12:00					12:00		
Vol.		1		3	19	85	170	76	12	2					323		

Stats

15th Percentile :	36 MPH
50th Percentile :	41 MPH
85th Percentile :	46 MPH
95th Percentile :	48 MPH
Mean Speed(Average) :	42 MPH
10 MPH Pace Speed :	35-44 MPH
Number in Pace :	2759
Percent in Pace :	72.1%
Number of Vehicles > 40 MPH :	2371
Percent of Vehicles > 40 MPH :	61.9%

Sandwich Road
south of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman



186123 G Speed
Site Code: T0771

NB	Start Time	14	1519	2024	2529	3034	3539	4044	4549	5054	5559	6064	6569	709999	Total	85th % ile	Ave Speed
03/11/																	
18	0	0	0	0	2	6	13	5	1	1	0	0	0	0	28	46	42
01:00	0	0	0	0	0	4	7	8	3	0	0	0	0	0	22	48	44
02:00	0	0	0	0	0	3	2	6	4	0	0	0	0	0	15	51	46
03:00	0	0	0	0	0	0	1	4	1	0	0	0	0	0	6	49	47
04:00	0	0	0	0	2	0	7	4	1	0	0	0	0	0	14	47	43
05:00	0	0	0	0	0	10	10	11	4	2	0	0	0	0	37	49	44
06:00	0	0	0	0	3	24	53	25	5	3	0	0	0	0	113	47	43
07:00	0	0	0	0	2	29	72	45	9	0	0	0	0	0	157	47	43
08:00	0	0	0	0	6	49	102	53	13	0	0	0	0	0	223	47	42
09:00	0	0	6	15	36	88	93	44	4	0	0	0	0	0	286	44	39
10:00	0	0	0	0	5	48	156	68	18	2	1	0	0	0	298	47	43
11:00	0	1	1	0	7	87	163	48	5	1	0	0	0	0	313	44	41
12 PM	0	0	0	0	8	76	133	68	7	0	0	0	0	0	292	46	42
13:00	0	0	0	0	3	56	136	67	11	2	0	0	0	0	275	46	43
14:00	0	0	0	1	4	57	126	62	20	3	0	0	0	0	273	47	43
15:00	0	0	0	1	3	45	104	73	20	2	0	0	0	0	248	47	43
16:00	0	0	0	0	1	32	85	70	11	2	0	0	0	0	201	47	44
17:00	0	0	0	0	1	41	84	47	5	1	0	0	0	0	179	46	42
18:00	0	0	0	1	10	44	61	18	3	1	1	0	0	0	139	44	41
19:00	0	0	0	0	14	25	40	22	3	0	0	0	0	0	104	46	41
20:00	0	0	0	0	4	9	28	14	1	0	0	0	0	0	56	46	42
21:00	0	0	0	0	1	9	23	7	1	0	0	0	0	0	41	45	42
22:00	0	0	0	0	0	5	9	2	3	3	0	0	0	0	22	53	45
23:00	0	0	0	0	0	3	7	5	1	1	0	0	0	0	17	48	44
Total	0	1	7	18	112	750	1515	776	154	24	2	0	0	0	3359		
%	0.0%	0.0%	0.2%	0.5%	3.3%	22.3%	45.1%	23.1%	4.6%	0.7%	0.1%	0.0%	0.0%				
AM Peak		11:00	09:00	09:00	09:00	09:00	11:00	10:00	10:00	06:00	10:00				11:00		
Vol.		1	6	15	36	88	163	68	18	3	1				313		
PM Peak				14:00	19:00	12:00	13:00	15:00	14:00	14:00	18:00				12:00		
Vol.				1	14	76	136	73	20	3	1				292		

Stats

15th Percentile :	36 MPH
50th Percentile :	41 MPH
85th Percentile :	46 MPH
95th Percentile :	49 MPH
Mean Speed(Average) :	42 MPH
10 MPH Pace Speed :	40-49 MPH
Number in Pace :	2291
Percent in Pace :	68.2%
Number of Vehicles > 40 MPH :	2168
Percent of Vehicles > 40 MPH :	64.5%

Sandwich Road
south of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman



186123 G Speed
Site Code: T0771

SB	Start Time	1 14	15 19	20 24	25 29	30 34	35 39	40 44	45 49	50 54	55 59	60 64	65 69	70 9999	Total	85th % ile	Ave Speed
03/09/18	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM	0	0	0	0	8	51	110	47	9	3	0	0	0	228	46	42	
13:00	0	0	0	0	11	74	112	35	10	1	0	0	0	243	45	41	
14:00	0	0	0	2	14	69	126	45	10	1	0	0	0	267	45	41	
15:00	0	0	0	0	11	73	172	78	18	4	0	0	0	356	46	42	
16:00	0	0	0	0	18	101	148	71	13	0	0	0	0	351	46	41	
17:00	0	1	0	4	21	80	149	69	14	2	0	0	1	341	46	41	
18:00	0	0	0	1	13	60	109	58	15	1	0	0	0	257	47	42	
19:00	0	0	0	0	17	43	63	36	12	0	0	0	0	171	47	42	
20:00	0	0	0	1	3	28	80	40	9	1	1	0	0	163	47	43	
21:00	0	0	0	1	5	19	50	26	6	2	0	0	0	109	47	43	
22:00	0	0	0	0	2	15	39	21	10	1	0	0	0	88	48	43	
23:00	0	0	0	0	0	11	16	14	7	1	0	0	0	49	49	44	
Total	0	1	0	9	123	624	1174	540	133	17	1	0	1	2623			
%	0.0%	0.0%	0.0%	0.3%	4.7%	23.8%	44.8%	20.6%	5.1%	0.6%	0.0%	0.0%	0.0%				
AM Peak Vol.																	
PM Peak Vol.	17:00		17:00	17:00	16:00	15:00	15:00	15:00	15:00	20:00		17:00	15:00				
	1		4	21	101	172	78	18	4	1		1	356				

Stats

15th Percentile : 36 MPH
50th Percentile : 41 MPH
85th Percentile : 46 MPH
95th Percentile : 49 MPH

Mean Speed(Average) : 42 MPH
10 MPH Pace Speed : 35-44 MPH
Number in Pace : 1798
Percent in Pace : 68.5%
Number of Vehicles > 40 MPH : 1631
Percent of Vehicles > 40 MPH : 62.2%

Sandwich Road
 south of Nathan Ellis Highway (Route 151)
 City, State: Falmouth, MA
 Client: TEC/ L. Oltman



186123 G Speed
 Site Code: T0771

SB	Start Time	1 14	15 19	20 24	25 29	30 34	35 39	40 44	45 49	50 54	55 59	60 64	65 69	70 9999	Total	85th % ile	Ave Speed
	03/10/18	0	0	0	0	1	5	9	8	2	0	0	0	0	25	47	43
	01:00	0	0	0	0	0	4	3	7	1	2	0	0	0	17	51	45
	02:00	0	0	0	0	0	2	3	3	0	0	0	0	0	8	47	43
	03:00	0	0	0	0	0	0	3	1	0	0	0	0	0	4	46	43
	04:00	0	0	0	0	2	0	2	1	0	0	0	0	0	5	45	39
	05:00	0	0	0	1	6	6	10	8	2	0	0	0	0	33	47	41
	06:00	0	0	0	0	4	21	27	17	3	1	0	0	0	73	46	42
	07:00	0	0	1	3	9	33	63	40	7	3	0	0	0	159	47	42
	08:00	0	0	0	0	10	48	91	39	12	2	0	0	0	202	46	42
	09:00	0	0	0	1	14	45	97	53	10	0	0	0	0	220	46	42
	10:00	0	0	1	1	14	56	119	58	9	2	0	0	0	260	46	42
	11:00	0	0	0	1	14	57	131	71	6	2	1	0	0	283	46	42
	12 PM	0	0	0	0	9	48	126	63	13	1	0	0	0	260	47	42
	13:00	0	0	0	8	14	86	142	50	8	1	1	0	1	311	45	41
	14:00	0	0	0	2	14	66	140	64	9	0	0	0	0	295	46	42
	15:00	0	0	2	2	10	48	121	56	12	2	0	0	0	253	46	42
	16:00	0	0	0	0	6	54	102	64	14	1	0	0	0	241	47	43
	17:00	0	1	0	0	9	47	95	53	6	1	1	0	0	213	46	42
	18:00	0	0	0	0	12	55	89	49	3	0	0	0	0	208	46	41
	19:00	0	0	0	3	4	43	73	27	3	3	0	0	0	156	45	41
	20:00	0	0	0	0	1	28	55	20	7	1	0	0	0	112	46	42
	21:00	0	0	0	0	5	25	44	27	8	0	0	0	0	109	47	42
	22:00	0	0	0	1	2	6	31	27	6	3	0	0	0	76	48	44
	23:00	0	0	0	0	5	10	14	10	5	0	1	0	0	45	48	42
	Total %	0 0.0%	1 0.0%	4 0.1%	23 0.6%	165 4.6%	793 22.2%	1590 44.6%	816 22.9%	146 4.1%	25 0.7%	4 0.1%	0 0.0%	1 0.0%	3568		
	AM Peak Vol.			07:00 1	07:00 3	09:00 14	11:00 57	11:00 131	11:00 71	08:00 12	07:00 3	11:00 1			283		
	PM Peak Vol.		17:00 1	15:00 2	13:00 8	13:00 14	13:00 86	13:00 142	14:00 64	16:00 14	19:00 3	13:00 1		13:00 1	311		

Stats

15th Percentile : 36 MPH
 50th Percentile : 41 MPH
 85th Percentile : 46 MPH
 95th Percentile : 48 MPH

Mean Speed(Average) : 42 MPH
 10 MPH Pace Speed : 40-49 MPH
 Number in Pace : 2406
 Percent in Pace : 67.4%
 Number of Vehicles > 40 MPH : 2264
 Percent of Vehicles > 40 MPH : 63.5%

Nathan Ellis Highway (Route 151)
east of Sam Turner Road
City, State: Falmouth, MA
Client: TEC/ L. Oltman



PRECISION
D A T A
INDUSTRIES, LLC

46 Morton Street, Framingham, MA 01702
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

186123 AA Volume
Site Code: T0771

Start	WB				EB				Combin ed		03/27/18		
Time	A.M.		P.M.		A.M.		P.M.		A.M.		P.M.		Tue
12:00	4		109		9		97		13		206		
12:15	7		123		6		86		13		209		
12:30	0		113		7		85		7		198		
12:45	4	15	120	465	4	26	88	356	8	41	208	821	
01:00	2		117		10		95		12		212		
01:15	5		121		2		111		7		232		
01:30	1		146		1		118		2		264		
01:45	0	8	109	493	0	13	120	444	0	21	229	937	
02:00	3		131		4		120		7		251		
02:15	2		119		2		124		4		243		
02:30	2		119		1		108		3		227		
02:45	6	13	150	519	3	10	127	479	9	23	277	998	
03:00	2		124		6		146		8		270		
03:15	1		135		2		130		3		265		
03:30	5		136		3		140		8		276		
03:45	6	14	138	533	2	13	153	569	8	27	291	1102	
04:00	6		148		8		179		14		327		
04:15	19		131		2		192		21		323		
04:30	13		153		3		161		16		314		
04:45	14	52	126	558	5	18	171	703	19	70	297	1261	
05:00	36		122		11		206		47		328		
05:15	37		130		19		186		56		316		
05:30	43		104		19		191		62		295		
05:45	55	171	111	467	24	73	142	725	79	244	253	1192	
06:00	62		104		27		104		89		208		
06:15	93		94		48		121		141		215		
06:30	134		66		91		96		225		162		
06:45	172	461	95	359	84	250	90	411	256	711	185	770	
07:00	149		65		108		82		257		147		
07:15	204		50		86		100		290		150		
07:30	191		52		113		65		304		117		
07:45	207	751	43	210	102	409	59	306	309	1160	102	516	
08:00	163		60		115		70		278		130		
08:15	196		35		124		59		320		94		
08:30	168		32		120		69		288		101		
08:45	178	705	38	165	116	475	78	276	294	1180	116	441	
09:00	145		45		119		34		264		79		
09:15	126		40		100		48		226		88		
09:30	119		49		95		37		214		86		
09:45	124	514	32	166	119	433	36	155	243	947	68	321	
10:00	131		17		81		33		212		50		
10:15	111		20		121		29		232		49		
10:30	106		14		100		24		206		38		
10:45	97	445	16	67	111	413	22	108	208	858	38	175	
11:00	125		8		108		13		233		21		
11:15	142		13		93		14		235		27		
11:30	110		9		102		8		212		17		
11:45	107	484	1	31	101	404	13	48	208	888	14	79	
Total	3633		4033		2537		4580		6170		8613		
Percent	58.9%		46.8%		41.1%		53.2%						
Day Total			7666				7117				14783		
Peak	07:15	-	03:45	-	08:15	-	04:45	-	07:30	-	04:15	-	-
Vol.	765	-	570	-	479	-	754	-	1211	-	1262	-	-
P.H.F.	0.924		0.931		0.966		0.915		0.946		0.962		

Nathan Ellis Highway (Route 151)
east of Sam Turner Road
City, State: Falmouth, MA
Client: TEC/ L. Oltman



PRECISION
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INDUSTRIES, LLC

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Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

186123 AA Volume
Site Code: T0771

Start	WB		EB		Combin ed		03/28/18	
Time	A.M.	P.M.	A.M.	P.M.	A.M.	P.M.	Wed	
12:00	1	112	12	108	13	220		
12:15	4	128	7	103	11	231		
12:30	2	118	12	85	14	203		
12:45	2	104	4	35	6	234	888	
01:00	2	108	4	95	6	203		
01:15	4	108	7	115	11	223		
01:30	5	120	4	121	9	241		
01:45	2	115	10	25	12	221	888	
02:00	1	118	7	97	8	215		
02:15	2	116	3	116	5	232		
02:30	5	145	2	115	7	260		
02:45	7	123	1	13	8	259	966	
03:00	2	135	1	130	3	265		
03:15	7	152	8	159	15	311		
03:30	8	139	3	139	11	278		
03:45	9	141	3	15	12	316	1170	
04:00	8	132	1	221	9	353		
04:15	17	147	4	180	21	327		
04:30	18	124	5	179	23	303		
04:45	16	150	8	18	24	309	1292	
05:00	26	157	15	207	41	364		
05:15	35	143	16	168	51	311		
05:30	39	101	15	143	54	244		
05:45	51	106	22	68	73	240	1159	
06:00	76	105	30	120	106	225		
06:15	83	86	49	136	132	222		
06:30	135	73	96	131	231	204		
06:45	182	84	108	283	96	290	831	
07:00	132	62	95	92	227	154		
07:15	182	63	103	83	285	146		
07:30	204	43	100	55	304	98		
07:45	189	47	115	413	68	304	1120	513
08:00	173	53	115	62	288	115		
08:15	188	82	128	75	316	157		
08:30	164	44	89	67	253	111		
08:45	171	48	113	445	54	284	1141	485
09:00	148	45	101	52	249	97		
09:15	146	39	98	51	244	90		
09:30	129	36	116	45	245	81		
09:45	120	16	97	412	39	217	955	323
10:00	99	14	93	22	192	36		
10:15	117	20	113	34	230	54		
10:30	92	21	111	26	203	47		
10:45	111	20	93	410	30	204	829	187
11:00	100	11	112	19	212	30		
11:15	119	5	86	17	205	22		
11:30	105	6	94	12	199	18		
11:45	104	0	96	388	15	200	816	85
Total	3542	4065	2525	4722	6067	8787		
Percent	58.4%	46.3%	41.6%	53.7%				
Day Total		7607		7247		14854		
Peak	07:30	-	04:15	-	07:30	-	04:15	-
Vol.	754	-	578	-	755	-	1303	-
P.H.F.	0.924		0.920		0.895		0.895	

Nathan Ellis Highway (Route 151)
east of Sam Turner Road
City, State: Falmouth, MA
Client: TEC/ L. Oltman



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186123 AA Class
Site Code: T0771

WB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
03/27/1														
8	0	12	3	0	0	0	0	0	0	0	0	0	0	15
01:00	0	6	1	0	1	0	0	0	0	0	0	0	0	8
02:00	0	11	1	0	1	0	0	0	0	0	0	0	0	13
03:00	0	7	5	0	1	0	0	0	1	0	0	0	0	14
04:00	0	31	17	0	4	0	0	0	0	0	0	0	0	52
05:00	0	111	48	0	10	0	0	1	1	0	0	0	0	171
06:00	0	317	112	4	25	1	0	1	1	0	0	0	0	461
07:00	1	547	166	5	20	5	0	4	3	0	0	0	0	751
08:00	2	493	158	5	31	7	1	4	3	1	0	0	0	705
09:00	3	372	90	5	29	8	0	5	2	0	0	0	0	514
10:00	0	290	108	5	31	2	0	2	7	0	0	0	0	445
11:00	0	334	100	7	31	6	0	2	4	0	0	0	0	484
12 PM	0	304	104	8	31	7	0	7	4	0	0	0	0	465
13:00	2	331	113	5	31	6	2	2	1	0	0	0	0	493
14:00	2	368	94	5	35	10	0	4	1	0	0	0	0	519
15:00	3	361	128	7	26	5	0	2	1	0	0	0	0	533
16:00	0	385	136	3	32	1	0	1	0	0	0	0	0	558
17:00	1	372	79	1	13	0	0	1	0	0	0	0	0	467
18:00	0	276	70	1	12	0	0	0	0	0	0	0	0	359
19:00	4	166	32	0	6	0	0	1	1	0	0	0	0	210
20:00	0	135	25	0	4	0	0	0	1	0	0	0	0	165
21:00	0	145	19	0	1	0	0	1	0	0	0	0	0	166
22:00	0	55	11	0	1	0	0	0	0	0	0	0	0	67
23:00	0	26	4	0	0	0	0	0	1	0	0	0	0	31
Total	18	5455	1624	61	376	58	3	38	32	1	0	0	0	7666
Percent	0.2%	71.2%	21.2%	0.8%	4.9%	0.8%	0.0%	0.5%	0.4%	0.0%	0.0%	0.0%	0.0%	
AM Peak	09:00	07:00	07:00	11:00	08:00	09:00	08:00	09:00	10:00	08:00				07:00
Vol.	3	547	166	7	31	8	1	5	7	1				751
PM Peak	19:00	16:00	16:00	12:00	14:00	14:00	13:00	12:00	12:00					16:00
Vol.	4	385	136	8	35	10	2	7	4					558

Nathan Ellis Highway (Route 151)
east of Sam Turner Road
City, State: Falmouth, MA
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186123 AA Class
Site Code: T0771

WB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
03/28/1														
8	0	7	1	0	0	0	0	1	0	0	0	0	0	9
01:00	0	10	2	0	1	0	0	0	0	0	0	0	0	13
02:00	0	11	1	0	2	1	0	0	0	0	0	0	0	15
03:00	0	15	8	0	3	0	0	0	0	0	0	0	0	26
04:00	0	38	15	0	6	0	0	0	0	0	0	0	0	59
05:00	0	92	43	2	13	0	0	1	0	0	0	0	0	151
06:00	2	320	120	5	25	0	0	1	2	1	0	0	0	476
07:00	3	512	150	1	28	5	0	7	1	0	0	0	0	707
08:00	0	512	142	8	20	5	0	7	2	0	0	0	0	696
09:00	0	367	125	3	31	10	0	5	2	0	0	0	0	543
10:00	1	284	86	5	33	6	0	1	3	0	0	0	0	419
11:00	2	300	89	5	22	5	0	1	4	0	0	0	0	428
12 PM	1	313	99	7	32	7	0	2	1	0	0	0	0	462
13:00	2	306	99	5	27	7	0	3	2	0	0	0	0	451
14:00	3	352	104	3	30	4	0	2	4	0	0	0	0	502
15:00	1	385	140	5	23	9	0	2	1	1	0	0	0	567
16:00	2	383	115	5	42	4	0	2	0	0	0	0	0	553
17:00	1	384	99	1	17	1	0	4	0	0	0	0	0	507
18:00	0	250	76	2	17	0	0	2	1	0	0	0	0	348
19:00	0	172	34	0	9	0	0	0	0	0	0	0	0	215
20:00	0	189	34	0	3	0	0	0	1	0	0	0	0	227
21:00	0	117	11	1	5	0	0	0	2	0	0	0	0	136
22:00	0	60	8	0	5	1	0	0	1	0	0	0	0	75
23:00	0	16	4	0	1	0	0	0	1	0	0	0	0	22
Total	18	5395	1605	58	395	65	0	41	28	2	0	0	0	7607
Percent	0.2%	70.9%	21.1%	0.8%	5.2%	0.9%	0.0%	0.5%	0.4%	0.0%	0.0%	0.0%	0.0%	
AM Peak	07:00	07:00	07:00	08:00	10:00	09:00		07:00	11:00	06:00				07:00
Vol.	3	512	150	8	33	10		7	4	1				707
PM Peak	14:00	15:00	15:00	12:00	16:00	15:00		17:00	14:00	15:00				15:00
Vol.	3	385	140	7	42	9		4	4	1				567

Nathan Ellis Highway (Route 151)
east of Sam Turner Road
City, State: Falmouth, MA
Client: TEC/ L. Oltman



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Email: datarequests@pdillc.com

186123 AA Class
Site Code: T0771

EB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
03/27/1														
8	0	20	5	0	0	0	0	0	1	0	0	0	0	26
01:00	0	10	1	0	1	0	0	0	1	0	0	0	0	13
02:00	0	6	3	0	0	1	0	0	0	0	0	0	0	10
03:00	0	9	3	0	1	0	0	0	0	0	0	0	0	13
04:00	2	5	4	0	2	2	0	0	2	1	0	0	0	18
05:00	0	46	13	1	10	2	0	1	0	0	0	0	0	73
06:00	0	137	58	5	47	0	0	2	1	0	0	0	0	250
07:00	2	243	95	6	53	1	5	1	3	0	0	0	0	409
08:00	1	288	106	6	60	3	2	7	2	0	0	0	0	475
09:00	2	262	90	5	65	1	4	2	2	0	0	0	0	433
10:00	0	257	81	7	51	4	3	4	6	0	0	0	0	413
11:00	0	251	84	4	51	4	5	3	2	0	0	0	0	404
12 PM	0	220	79	1	47	2	1	2	4	0	0	0	0	356
13:00	1	297	72	6	50	6	4	4	4	0	0	0	0	444
14:00	1	324	95	3	45	4	1	4	2	0	0	0	0	479
15:00	0	386	118	3	51	8	0	2	1	0	0	0	0	569
16:00	0	461	150	5	80	2	0	5	0	0	0	0	0	703
17:00	2	506	137	2	69	6	0	2	1	0	0	0	0	725
18:00	0	302	84	0	24	0	0	1	0	0	0	0	0	411
19:00	1	227	50	1	27	0	0	0	0	0	0	0	0	306
20:00	1	192	55	0	25	1	0	1	1	0	0	0	0	276
21:00	0	120	23	0	12	0	0	0	0	0	0	0	0	155
22:00	0	82	21	0	5	0	0	0	0	0	0	0	0	108
23:00	0	34	10	0	4	0	0	0	0	0	0	0	0	48
Total	13	4685	1437	55	780	47	25	41	33	1	0	0	0	7117
Percent	0.2%	65.8%	20.2%	0.8%	11.0%	0.7%	0.4%	0.6%	0.5%	0.0%	0.0%	0.0%	0.0%	
AM Peak	04:00	08:00	08:00	10:00	09:00	10:00	07:00	08:00	10:00	04:00				08:00
Vol.	2	288	106	7	65	4	5	7	6	1				475
PM Peak	17:00	17:00	16:00	13:00	16:00	15:00	13:00	16:00	12:00					17:00
Vol.	2	506	150	6	80	8	4	5	4					725

Nathan Ellis Highway (Route 151)
east of Sam Turner Road
City, State: Falmouth, MA
Client: TEC/ L. Oltman



PRECISION
D A T A
INDUSTRIES, LLC

46 Morton Street, Framingham, MA 01702
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

186123 AA Class
Site Code: T0771

EB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
03/28/1														
8	0	25	7	0	2	1	0	0	0	0	0	0	0	35
01:00	0	16	4	0	4	1	0	0	0	0	0	0	0	25
02:00	0	7	1	0	3	2	0	0	0	0	0	0	0	13
03:00	0	8	3	0	1	0	0	0	3	0	0	0	0	15
04:00	0	13	4	0	1	0	0	0	0	0	0	0	0	18
05:00	1	38	16	1	9	2	0	1	0	0	0	0	0	68
06:00	0	149	65	5	59	3	0	1	1	0	0	0	0	283
07:00	2	261	88	2	54	2	0	4	0	0	0	0	0	413
08:00	0	295	96	7	38	3	1	3	2	0	0	0	0	445
09:00	0	255	90	5	48	4	0	8	2	0	0	0	0	412
10:00	2	245	92	6	53	6	1	2	3	0	0	0	0	410
11:00	0	253	75	5	46	2	2	4	1	0	0	0	0	388
12 PM	2	281	92	6	38	2	1	3	1	0	0	0	0	426
13:00	2	289	87	3	51	1	0	3	1	0	0	0	0	437
14:00	1	323	85	3	47	1	0	2	2	0	0	0	0	464
15:00	3	398	128	3	58	6	0	7	0	0	0	0	0	603
16:00	1	510	141	4	74	5	0	3	1	0	0	0	0	739
17:00	2	450	129	1	67	1	0	1	1	0	0	0	0	652
18:00	1	351	87	0	42	1	0	1	0	0	0	0	0	483
19:00	2	200	62	1	32	0	0	0	1	0	0	0	0	298
20:00	0	191	41	0	23	0	0	2	1	0	0	0	0	258
21:00	1	140	27	1	17	1	0	0	0	0	0	0	0	187
22:00	1	83	20	0	7	1	0	0	0	0	0	0	0	112
23:00	0	46	10	0	7	0	0	0	0	0	0	0	0	63
Total	21	4827	1450	53	781	45	5	45	20	0	0	0	0	7247
Percent	0.3%	66.6%	20.0%	0.7%	10.8%	0.6%	0.1%	0.6%	0.3%	0.0%	0.0%	0.0%	0.0%	
AM Peak	07:00	08:00	08:00	08:00	06:00	10:00	11:00	09:00	03:00					08:00
Vol.	2	295	96	7	59	6	2	8	3					445
PM Peak	15:00	16:00	16:00	12:00	16:00	15:00	12:00	15:00	14:00					16:00
Vol.	3	510	141	6	74	6	1	7	2					739

Nathan Ellis Highway (Route 151)
 east of Sam Turner Road
 City, State: Falmouth, MA
 Client: TEC/ L. Oltman



PRECISION
 D A T A
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46 Morton Street, Framingham, MA 01702
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186123 AA Speed
 Site Code: T0771

WB

Start Time	1 14	15 19	20 24	25 29	30 34	35 39	40 44	45 49	50 54	55 59	60 64	65 69	70 9999	Total	85th % ile	Ave Speed
03/27/																
18	0	0	0	0	0	0	3	2	4	4	1	0	1	15	57	51
01:00	0	0	0	0	0	0	3	0	2	2	1	0	0	8	58	51
02:00	0	0	0	0	0	0	0	5	4	2	2	0	0	13	59	52
03:00	0	0	0	0	0	0	0	2	5	5	1	1	0	14	58	55
04:00	0	0	0	0	0	0	0	7	23	17	3	2	0	52	58	54
05:00	0	0	0	0	0	0	4	36	85	39	6	1	0	171	56	52
06:00	0	0	0	0	0	4	43	200	164	45	5	0	0	461	53	49
07:00	1	4	8	8	19	40	110	297	205	48	11	0	0	751	52	47
08:00	0	0	1	0	5	14	130	364	159	29	3	0	0	705	51	47
09:00	1	0	8	5	4	15	96	203	144	35	3	0	0	514	52	47
10:00	0	0	0	2	1	12	60	167	162	36	3	2	0	445	53	49
11:00	0	0	0	3	8	20	61	209	150	31	2	0	0	484	52	48
12 PM	0	0	0	4	12	12	76	204	128	21	7	1	0	465	52	47
13:00	0	0	0	3	6	26	85	206	146	17	4	0	0	493	52	47
14:00	0	0	0	0	2	21	90	207	176	21	2	0	0	519	52	48
15:00	1	0	5	7	11	23	84	216	156	26	3	1	0	533	52	47
16:00	0	0	0	1	5	43	95	233	133	46	2	0	0	558	52	47
17:00	0	0	0	0	7	10	61	190	166	25	8	0	0	467	52	48
18:00	0	0	0	0	2	20	76	134	94	25	8	0	0	359	52	48
19:00	0	0	0	0	4	13	36	93	44	17	3	0	0	210	52	47
20:00	0	0	0	0	0	10	34	53	46	19	2	0	1	165	53	48
21:00	0	0	0	0	2	8	31	49	55	17	1	3	0	166	53	49
22:00	0	0	0	1	0	3	3	14	24	12	8	2	0	67	58	52
23:00	0	0	0	0	0	0	2	10	10	8	1	0	0	31	56	51
Total	3	4	22	34	88	294	1183	3101	2285	547	90	13	2	7666		
%	0.0%	0.1%	0.3%	0.4%	1.1%	3.8%	15.4%	40.5%	29.8%	7.1%	1.2%	0.2%	0.0%			
AM Peak	07:00	07:00	07:00	07:00	07:00	07:00	08:00	08:00	07:00	07:00	07:00	04:00	00:00	07:00		
Vol.	1	4	8	8	19	40	130	364	205	48	11	2	1	751		
PM Peak	15:00		15:00	15:00	12:00	16:00	16:00	16:00	14:00	16:00	17:00	21:00	20:00	16:00		
Vol.	1		5	7	12	43	95	233	176	46	8	3	1	558		

Stats

15th Percentile :	41 MPH
50th Percentile :	47 MPH
85th Percentile :	52 MPH
95th Percentile :	56 MPH

Mean Speed(Average) :	48 MPH
10 MPH Pace Speed :	45-54 MPH
Number in Pace :	5386
Percent in Pace :	70.3%
Number of Vehicles > 50 MPH :	2480
Percent of Vehicles > 50 MPH :	32.4%

Nathan Ellis Highway (Route 151)
 east of Sam Turner Road
 City, State: Falmouth, MA
 Client: TEC/ L. Oltman



PRECISION
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186123 AA Speed
 Site Code: T0771

WB

Start Time	1 14	15 19	20 24	25 29	30 34	35 39	40 44	45 49	50 54	55 59	60 64	65 69	70 9999	Total	85th % ile	Ave Speed
03/28/ 18	0	0	0	0	0	0	1	4	1	3	0	0	0	9	56	50
01:00	0	0	0	0	0	0	2	2	2	0	6	1	0	13	63	55
02:00	0	0	0	0	0	0	2	1	4	5	2	1	0	15	60	54
03:00	0	0	0	0	0	0	0	4	5	11	4	2	0	26	61	56
04:00	0	0	0	0	0	0	1	10	21	17	8	2	0	59	59	54
05:00	0	0	0	0	0	0	5	26	59	43	16	2	0	151	58	53
06:00	0	0	0	0	1	8	35	188	199	40	3	2	0	476	53	50
07:00	5	13	8	7	9	34	101	250	227	50	3	0	0	707	52	47
08:00	0	1	4	11	10	37	124	310	157	37	5	0	0	696	52	47
09:00	0	0	0	0	1	11	118	245	149	19	0	0	0	543	51	47
10:00	0	0	0	1	2	12	55	205	113	27	4	0	0	419	52	48
11:00	0	0	0	0	0	11	91	175	126	23	2	0	0	428	52	48
12 PM	0	0	0	0	10	15	83	206	117	29	2	0	0	462	52	47
13:00	0	0	0	0	4	17	92	188	124	26	0	0	0	451	52	47
14:00	0	0	0	0	1	15	113	202	132	37	2	0	0	502	52	48
15:00	0	0	3	12	22	51	158	216	92	13	0	0	0	567	50	45
16:00	0	0	0	4	11	38	146	218	110	25	1	0	0	553	51	46
17:00	1	0	4	0	13	43	125	172	117	30	2	0	0	507	52	46
18:00	0	0	0	2	3	23	67	145	83	23	2	0	0	348	52	47
19:00	0	0	0	0	0	7	34	80	75	15	4	0	0	215	53	49
20:00	0	0	0	0	13	25	48	82	44	13	1	0	1	227	51	46
21:00	0	0	0	0	1	11	16	45	49	14	0	0	0	136	53	48
22:00	0	0	0	0	1	4	6	13	34	12	5	0	0	75	56	51
23:00	0	0	0	0	0	1	2	7	6	3	2	0	1	22	57	50
Total	6	14	19	37	102	363	1425	2994	2046	515	74	10	2	7607		
%	0.1%	0.2%	0.2%	0.5%	1.3%	4.8%	18.7%	39.4%	26.9%	6.8%	1.0%	0.1%	0.0%			
AM Peak	07:00	07:00	07:00	08:00	08:00	08:00	08:00	08:00	07:00	07:00	05:00	03:00		07:00		
Vol.	5	13	8	11	10	37	124	310	227	50	16	2		707		
PM Peak	17:00		17:00	15:00	15:00	15:00	15:00	16:00	14:00	14:00	22:00		20:00	15:00		
Vol.	1		4	12	22	51	158	218	132	37	5		1	567		

Stats
 15th Percentile : 41 MPH
 50th Percentile : 47 MPH
 85th Percentile : 52 MPH
 95th Percentile : 56 MPH

Mean Speed(Average) : 47 MPH
 10 MPH Pace Speed : 45-54 MPH
 Number in Pace : 5040
 Percent in Pace : 66.3%
 Number of Vehicles > 50 MPH : 2238
 Percent of Vehicles > 50 MPH : 29.4%

Nathan Ellis Highway (Route 151)
 east of Sam Turner Road
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 Client: TEC/ L. Oltman



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EB

Start Time	14	15	20	25	30	35	40	45	50	55	60	65	70	Total	85th %ile	Ave Speed
		19	24	29	34	39	44	49	54	59	64	69	9999			
03/27/																
18	0	0	0	0	1	0	0	0	7	8	8	1	1	26	62	57
01:00	0	0	0	0	0	0	0	3	1	5	4	0	0	13	61	56
02:00	0	0	0	0	0	0	0	0	6	2	1	1	0	10	61	56
03:00	0	0	0	0	0	0	0	0	2	5	5	1	0	13	63	59
04:00	0	0	0	0	0	6	1	5	0	2	1	3	0	18	64	49
05:00	0	0	0	0	0	3	3	9	26	17	9	4	2	73	60	54
06:00	0	0	0	0	0	6	12	58	104	53	16	0	1	250	56	52
07:00	1	0	0	1	0	11	69	103	130	75	16	3	0	409	56	50
08:00	0	0	0	2	4	16	50	124	198	66	14	1	0	475	54	50
09:00	0	0	0	0	0	2	37	156	150	69	16	3	0	433	55	51
10:00	0	0	0	0	2	12	37	114	161	69	15	2	1	413	55	50
11:00	0	0	0	0	0	5	32	111	167	74	12	2	1	404	55	51
12 PM	0	0	0	0	0	7	19	104	160	51	14	1	0	356	55	51
13:00	0	0	0	0	2	5	45	127	177	72	15	1	0	444	55	50
14:00	0	0	0	0	0	6	33	133	180	112	14	1	0	479	56	51
15:00	0	0	1	3	2	15	54	177	215	90	12	0	0	569	54	50
16:00	0	0	0	0	3	6	76	220	294	93	10	0	1	703	53	50
17:00	0	0	0	0	0	15	55	199	332	109	13	1	1	725	54	51
18:00	0	0	1	0	1	3	18	115	153	97	19	4	0	411	57	52
19:00	0	0	0	0	0	3	12	83	141	58	8	1	0	306	55	51
20:00	0	0	0	1	2	11	18	82	88	60	12	2	0	276	56	51
21:00	0	0	0	0	1	1	10	26	70	38	7	1	1	155	57	52
22:00	0	0	0	0	0	0	3	20	40	27	17	1	0	108	59	54
23:00	0	0	0	0	0	0	1	8	14	13	9	1	2	48	60	55
Total	1	0	2	7	18	133	585	1977	2816	1265	267	35	11	7117		
%	0.0%	0.0%	0.0%	0.1%	0.3%	1.9%	8.2%	27.8%	39.6%	17.8%	3.8%	0.5%	0.2%			
AM Peak	07:00			08:00	08:00	08:00	07:00	09:00	08:00	07:00	06:00	05:00	05:00	08:00		
Vol.	1			2	4	16	69	156	198	75	16	4	2	475		
PM Peak			15:00	15:00	16:00	15:00	16:00	16:00	17:00	14:00	18:00	18:00	23:00	17:00		
Vol.			1	3	3	15	76	220	332	112	19	4	2	725		

Stats

15th Percentile :	44 MPH
50th Percentile :	50 MPH
85th Percentile :	55 MPH
95th Percentile :	58 MPH

Mean Speed(Average) :	51 MPH
10 MPH Pace Speed :	45-54 MPH
Number in Pace :	4793
Percent in Pace :	67.3%
Number of Vehicles > 50 MPH :	3831
Percent of Vehicles > 50 MPH :	53.8%

Nathan Ellis Highway (Route 151)
 east of Sam Turner Road
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 Client: TEC/ L. Oltman



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186123 AA Speed
 Site Code: T0771

EB

Start Time	14	1519	2024	2529	3034	3539	4044	4549	5054	5559	6064	6569	709999	Total	85th % ile	Ave Speed
03/28/18	0	0	0	0	0	0	2	0	10	14	5	1	3	35	60	56
01:00	0	0	0	1	0	0	1	0	7	8	6	2	0	25	62	56
02:00	0	0	0	1	0	0	2	1	2	2	3	0	2	13	61	51
03:00	0	0	0	0	0	1	4	2	3	1	3	1	0	15	61	51
04:00	0	0	0	0	0	0	2	1	6	4	3	2	0	18	62	55
05:00	0	0	0	0	0	3	3	9	18	26	8	1	0	68	58	54
06:00	0	0	0	0	0	8	17	80	102	62	11	3	0	283	56	51
07:00	2	0	0	2	4	13	41	122	145	67	14	2	1	413	55	50
08:00	0	0	0	0	2	7	45	115	186	81	7	2	0	445	55	51
09:00	0	0	0	0	1	7	33	119	158	76	17	1	0	412	56	51
10:00	0	0	0	0	0	8	41	111	163	74	12	0	1	410	55	51
11:00	0	0	0	0	1	6	31	89	156	83	20	2	0	388	56	51
12 PM	0	0	0	0	1	8	31	120	178	72	13	3	0	426	55	51
13:00	0	0	0	0	0	2	34	137	174	72	17	1	0	437	55	51
14:00	0	0	0	0	0	4	21	131	198	96	10	3	1	464	56	51
15:00	0	0	0	3	1	10	72	214	213	82	8	0	0	603	53	49
16:00	0	0	0	0	0	4	57	260	313	91	13	1	0	739	53	50
17:00	0	0	0	0	1	8	61	182	261	126	10	3	0	652	55	51
18:00	0	0	0	0	1	1	23	111	215	110	19	2	1	483	56	52
19:00	0	0	0	0	1	2	23	56	124	78	12	1	1	298	56	52
20:00	0	0	0	0	0	2	11	47	105	75	15	2	1	258	57	53
21:00	0	0	0	0	0	2	20	41	77	35	11	0	1	187	56	51
22:00	0	0	0	0	0	2	3	17	45	29	13	2	1	112	58	53
23:00	0	0	0	0	0	2	2	9	16	20	12	2	0	63	60	54
Total %	20.0%	0.0%	0.0%	7.0%	13.0%	100.0%	580.0%	1974.0%	2875.0%	1384.0%	262.0%	37.0%	13.0%	7247		
AM Peak	07:00			07:00	07:00	07:00	08:00	07:00	08:00	11:00	11:00	06:00	00:00	08:00		
Vol.	2			2	4	13	45	122	186	83	20	3	3	445		
PM Peak				15:00	12:00	15:00	15:00	16:00	16:00	17:00	18:00	12:00	14:00	16:00		
Vol.				3	1	10	72	260	313	126	19	3	1	739		

Stats
 15th Percentile : 44 MPH
 50th Percentile : 50 MPH
 85th Percentile : 56 MPH
 95th Percentile : 58 MPH

Mean Speed(Average) : 51 MPH
 10 MPH Pace Speed : 45-54 MPH
 Number in Pace : 4849
 Percent in Pace : 66.9%
 Number of Vehicles > 50 MPH : 3996
 Percent of Vehicles > 50 MPH : 55.1%

Sam Turner Road
south of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman



PRECISION
D A T A
INDUSTRIES, LLC

46 Morton Street, Framingham, MA 01702
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

186123 BB Volume
Site Code: T0771

Start	NB				SB				Combined		03/27/18	
Time	A.M.		P.M.		A.M.		P.M.		A.M.	P.M.	Tue	
12:00	1		5		0		8		1	13		
12:15	1		4		1		8		2	12		
12:30	2		14		0		6		2	20		
12:45	0	4	10	33	0	1	13	35	0	5	23	68
01:00	0		5		0		10		0	15		
01:15	0		9		0		7		0	16		
01:30	0		4		0		6		0	10		
01:45	0	0	16	34	0	0	6	29	0	0	22	63
02:00	0		5		0		3		0	8		
02:15	0		8		0		8		0	16		
02:30	1		9		0		6		1	15		
02:45	0	1	7	29	1	1	12	29	1	2	19	58
03:00	0		7		0		11		0	18		
03:15	0		8		0		15		0	23		
03:30	0		2		0		10		0	12		
03:45	0	0	16	33	0	0	10	46	0	0	26	79
04:00	0		8		1		16		1	24		
04:15	0		12		0		23		0	35		
04:30	3		8		1		18		4	26		
04:45	3	6	9	37	0	2	20	77	3	8	29	114
05:00	1		21		0		22		1	43		
05:15	6		9		0		17		6	26		
05:30	5		13		0		13		5	26		
05:45	6	18	11	54	0	0	15	67	6	18	26	121
06:00	4		8		2		21		6	29		
06:15	3		11		1		12		4	23		
06:30	11		4		3		7		14	11		
06:45	16	34	8	31	3	9	22	62	19	43	30	93
07:00	15		6		7		7		22	13		
07:15	20		6		2		8		22	14		
07:30	21		3		7		8		28	11		
07:45	15	71	0	15	5	21	10	33	20	92	10	48
08:00	13		1		5		7		18	8		
08:15	13		3		7		11		20	14		
08:30	19		3		11		4		30	7		
08:45	18	63	1	8	9	32	2	24	27	95	3	32
09:00	13		2		5		8		18	10		
09:15	10		2		1		4		11	6		
09:30	6		3		5		3		11	6		
09:45	10	39	1	8	5	16	4	19	15	55	5	27
10:00	8		0		6		4		14	4		
10:15	9		0		8		2		17	2		
10:30	8		0		6		2		14	2		
10:45	10	35	2	2	3	23	2	10	13	58	4	12
11:00	2		0		4		1		6	1		
11:15	10		1		3		2		13	3		
11:30	1		3		9		0		10	3		
11:45	5	18	0	4	5	21	0	3	10	39	0	7
Total	289		288		126		434		415		722	
Percent	69.6%		39.9%		30.4%		60.1%					
Day Total		577				560				1137		
Peak	06:45	-	05:00	-	08:00	-	04:15	-	08:00	-	04:15	-
Vol.	72	-	54	-	32	-	83	-	95	-	133	-
P.H.F.	0.857		0.643		0.727		0.902		0.792		0.773	

Sam Turner Road
south of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman



PRECISION
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186123 BB Volume
Site Code: T0771

Start	NB		SB		Combin		03/28/18	
Time	A.M.	P.M.	A.M.	P.M.	A.M.	P.M.	Wed	
12:00	0	5	0	11	0	16		
12:15	1	11	0	7	1	18		
12:30	0	11	0	1	0	12		
12:45	0	7	1	3	1	10	56	
01:00	2	11	0	13	2	24		
01:15	1	8	0	9	1	17		
01:30	0	14	0	9	0	23		
01:45	0	9	1	12	1	21	85	
02:00	1	8	0	6	1	14		
02:15	0	12	0	5	0	17		
02:30	0	5	1	12	1	17		
02:45	1	3	0	11	1	14	62	
03:00	0	9	1	11	1	20		
03:15	0	9	0	12	0	21		
03:30	1	10	1	13	2	23		
03:45	0	12	1	19	1	31	95	
04:00	0	15	0	9	0	24		
04:15	1	13	0	19	1	32		
04:30	1	8	0	19	1	27		
04:45	0	14	0	21	0	35	118	
05:00	4	13	0	26	4	39		
05:15	9	13	1	18	10	31		
05:30	3	14	0	16	3	30		
05:45	3	10	0	12	3	22	122	
06:00	11	5	3	10	14	15		
06:15	7	7	1	14	8	21		
06:30	14	8	3	14	17	22		
06:45	11	7	4	16	15	23	81	
07:00	17	3	2	10	19	13		
07:15	23	9	8	9	31	18		
07:30	12	5	6	7	18	12		
07:45	21	3	7	23	8	34	96	54
08:00	7	3	1	6	8	9		
08:15	12	2	3	9	15	11		
08:30	16	3	3	12	19	15		
08:45	11	3	8	15	8	35	61	46
09:00	17	4	7	5	24	9		
09:15	14	1	4	9	18	10		
09:30	12	3	5	4	17	7		
09:45	7	4	6	22	6	24	72	36
10:00	7	3	5	3	12	6		
10:15	11	0	5	4	16	4		
10:30	12	2	3	7	15	9		
10:45	11	1	3	16	3	17	57	23
11:00	7	1	5	3	12	4		
11:15	9	0	6	1	15	1		
11:30	8	1	9	3	17	4		
11:45	11	1	10	30	21	1	65	10
Total	316	323	124	465	440	788		
Percent	71.8%	41.0%	28.2%	59.0%				
Day Total		639		589		1228		
Peak	07:00	-	04:45	-	11:00	-	04:15	-
Vol.	73	-	54	-	30	-	85	-
P.H.F.	0.793		0.900		0.750		0.817	

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186123 BB Class
Site Code: T0771

NB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
03/27/1														
8	0	3	1	0	0	0	0	0	0	0	0	0	0	4
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	5	1	0	0	0	0	0	0	0	0	0	0	6
05:00	0	15	3	0	0	0	0	0	0	0	0	0	0	18
06:00	0	18	13	1	2	0	0	0	0	0	0	0	0	34
07:00	0	50	19	0	2	0	0	0	0	0	0	0	0	71
08:00	0	40	17	1	3	0	0	2	0	0	0	0	0	63
09:00	0	30	8	0	1	0	0	0	0	0	0	0	0	39
10:00	0	25	6	0	4	0	0	0	0	0	0	0	0	35
11:00	0	12	4	0	1	1	0	0	0	0	0	0	0	18
12 PM	0	21	7	1	3	1	0	0	0	0	0	0	0	33
13:00	0	25	5	0	4	0	0	0	0	0	0	0	0	34
14:00	0	23	2	1	2	1	0	0	0	0	0	0	0	29
15:00	0	31	0	1	0	0	0	1	0	0	0	0	0	33
16:00	0	19	16	0	0	0	0	2	0	0	0	0	0	37
17:00	1	34	12	0	6	0	0	0	1	0	0	0	0	54
18:00	0	29	2	0	0	0	0	0	0	0	0	0	0	31
19:00	1	13	1	0	0	0	0	0	0	0	0	0	0	15
20:00	0	5	3	0	0	0	0	0	0	0	0	0	0	8
21:00	0	8	0	0	0	0	0	0	0	0	0	0	0	8
22:00	0	1	1	0	0	0	0	0	0	0	0	0	0	2
23:00	0	2	2	0	0	0	0	0	0	0	0	0	0	4
Total	2	410	123	5	28	3	0	5	1	0	0	0	0	577
Percent	0.3%	71.1%	21.3%	0.9%	4.9%	0.5%	0.0%	0.9%	0.2%	0.0%	0.0%	0.0%	0.0%	
AM Peak		07:00	07:00	06:00	10:00	11:00		08:00						07:00
Vol.		50	19	1	4	1		2						71
PM Peak	17:00	17:00	16:00	12:00	17:00	12:00		16:00	17:00					17:00
Vol.	1	34	16	1	6	1		2	1					54

Sam Turner Road
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186123 BB Class
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NB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
03/28/1														
8	0	0	1	0	0	0	0	0	0	0	0	0	0	1
01:00	0	2	1	0	0	0	0	0	0	0	0	0	0	3
02:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
03:00	0	0	1	0	0	0	0	0	0	0	0	0	0	1
04:00	0	1	1	0	0	0	0	0	0	0	0	0	0	2
05:00	0	15	4	0	0	0	0	0	0	0	0	0	0	19
06:00	0	27	10	1	5	0	0	0	0	0	0	0	0	43
07:00	0	49	23	0	1	0	0	0	0	0	0	0	0	73
08:00	0	32	11	1	2	0	0	0	0	0	0	0	0	46
09:00	0	39	9	0	2	0	0	0	0	0	0	0	0	50
10:00	0	30	8	0	2	0	0	1	0	0	0	0	0	41
11:00	0	21	13	0	1	0	0	0	0	0	0	0	0	35
12 PM	2	18	11	0	3	0	0	0	0	0	0	0	0	34
13:00	0	30	9	0	2	0	0	1	0	0	0	0	0	42
14:00	0	19	8	1	0	0	0	0	0	0	0	0	0	28
15:00	2	22	13	1	2	0	0	0	0	0	0	0	0	40
16:00	1	30	17	1	1	0	0	0	0	0	0	0	0	50
17:00	0	34	11	0	4	1	0	0	0	0	0	0	0	50
18:00	0	23	3	0	1	0	0	0	0	0	0	0	0	27
19:00	0	17	2	0	1	0	0	0	0	0	0	0	0	20
20:00	0	10	1	0	0	0	0	0	0	0	0	0	0	11
21:00	0	12	0	0	0	0	0	0	0	0	0	0	0	12
22:00	0	5	1	0	0	0	0	0	0	0	0	0	0	6
23:00	0	1	1	0	1	0	0	0	0	0	0	0	0	3
Total	5	439	159	5	28	1	0	2	0	0	0	0	0	639
Percent	0.8%	68.7%	24.9%	0.8%	4.4%	0.2%	0.0%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM Peak		07:00	07:00	06:00	06:00			10:00						07:00
Vol.		49	23	1	5			1						73
PM Peak	12:00	17:00	16:00	14:00	17:00	17:00		13:00						16:00
Vol.	2	34	17	1	4	1		1						50

Sam Turner Road
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SB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
03/27/1														
8	0	1	0	0	0	0	0	0	0	0	0	0	0	1
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	1	1	0	0	0	0	0	0	0	0	0	0	2
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	6	1	2	0	0	0	0	0	0	0	0	0	9
07:00	1	11	1	3	4	1	0	0	0	0	0	0	0	21
08:00	0	15	8	0	9	0	0	0	0	0	0	0	0	32
09:00	0	5	5	0	6	0	0	0	0	0	0	0	0	16
10:00	0	12	5	1	5	0	0	0	0	0	0	0	0	23
11:00	0	15	3	0	3	0	0	0	0	0	0	0	0	21
12 PM	0	20	10	1	3	0	0	1	0	0	0	0	0	35
13:00	0	20	3	0	4	1	0	1	0	0	0	0	0	29
14:00	0	18	4	2	5	0	0	0	0	0	0	0	0	29
15:00	0	31	8	3	4	0	0	0	0	0	0	0	0	46
16:00	0	45	20	0	12	0	0	0	0	0	0	0	0	77
17:00	0	48	15	0	3	1	0	0	0	0	0	0	0	67
18:00	0	45	12	0	5	0	0	0	0	0	0	0	0	62
19:00	0	27	5	0	1	0	0	0	0	0	0	0	0	33
20:00	0	17	5	0	2	0	0	0	0	0	0	0	0	24
21:00	0	17	2	0	0	0	0	0	0	0	0	0	0	19
22:00	0	6	4	0	0	0	0	0	0	0	0	0	0	10
23:00	0	2	1	0	0	0	0	0	0	0	0	0	0	3
Total	1	363	113	12	66	3	0	2	0	0	0	0	0	560
Percent	0.2%	64.8%	20.2%	2.1%	11.8%	0.5%	0.0%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM Peak	07:00	08:00	08:00	07:00	08:00	07:00								08:00
Vol.	1	15	8	3	9	1								32
PM Peak		17:00	16:00	15:00	16:00	13:00		12:00						16:00
Vol.		48	20	3	12	1		1						77



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SB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
03/28/1														
8	0	0	1	0	0	0	0	0	0	0	0	0	0	1
01:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
02:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
03:00	0	3	0	0	0	0	0	0	0	0	0	0	0	3
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	1	0	0	0	0	0	0	0	0	0	0	1
06:00	0	6	1	2	2	0	0	0	0	0	0	0	0	11
07:00	0	10	6	3	4	0	0	0	0	0	0	0	0	23
08:00	0	8	5	0	2	0	0	0	0	0	0	0	0	15
09:00	0	11	5	0	6	0	0	0	0	0	0	0	0	22
10:00	0	12	4	0	0	0	0	0	0	0	0	0	0	16
11:00	0	22	4	0	4	0	0	0	0	0	0	0	0	30
12 PM	0	13	6	0	3	0	0	0	0	0	0	0	0	22
13:00	0	27	6	0	10	0	0	0	0	0	0	0	0	43
14:00	0	21	6	2	5	0	0	0	0	0	0	0	0	34
15:00	0	33	12	3	7	0	0	0	0	0	0	0	0	55
16:00	1	44	16	1	6	0	0	0	0	0	0	0	0	68
17:00	0	54	10	0	8	0	0	0	0	0	0	0	0	72
18:00	0	38	11	0	5	0	0	0	0	0	0	0	0	54
19:00	0	24	7	0	3	0	0	0	0	0	0	0	0	34
20:00	0	25	8	0	2	0	0	0	0	0	0	0	0	35
21:00	0	17	3	0	4	0	0	0	0	0	0	0	0	24
22:00	0	11	5	0	1	0	0	0	0	0	0	0	0	17
23:00	0	4	2	0	1	0	0	0	0	0	0	0	0	7
Total	1	385	119	11	73	0	0	0	0	0	0	0	0	589
Percent	0.2%	65.4%	20.2%	1.9%	12.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM Peak		11:00	07:00	07:00	09:00									11:00
Vol.		22	6	3	6									30
PM Peak	16:00	17:00	16:00	15:00	13:00									17:00
Vol.	1	54	16	3	10									72



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Sam Turner Road
south of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman

186123 BB Speed
Site Code: T0771

NB

Start Time	1 14	15 19	20 24	25 29	30 34	35 39	40 44	45 49	50 54	55 59	60 64	65 69	70 9999	Total	85th % ile	Ave Speed
03/26/ 18	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:00	0	0	1	9	12	15	2	0	0	0	0	0	0	39	37	33
14:00	0	0	0	6	6	11	3	0	0	0	0	0	0	26	38	34
15:00	1	1	2	7	13	14	4	1	0	0	0	0	0	43	38	33
16:00	0	3	4	6	21	17	1	1	0	0	0	0	0	53	37	32
17:00	0	1	1	3	8	12	1	0	0	0	0	0	0	26	37	33
18:00	0	0	2	2	12	3	2	0	0	0	0	0	0	21	37	32
19:00	0	0	2	5	3	7	2	0	0	0	0	0	0	19	38	33
20:00	0	0	0	2	7	3	0	1	0	0	0	0	0	13	37	34
21:00	0	0	0	0	1	0	0	0	0	0	0	0	0	1	33	32
22:00	0	0	1	0	2	1	0	0	0	0	0	0	0	4	36	31
23:00	0	0	1	1	2	0	0	1	0	0	0	0	0	5	45	32
Total	1	5	14	41	87	83	15	4	0	0	0	0	0	250		
%	0.4%	2.0%	5.6%	16.4%	34.8%	33.2%	6.0%	1.6%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak Vol.																
PM Peak Vol.	15:00	16:00	16:00	13:00	16:00	16:00	15:00	15:00						16:00		
	1	3	4	9	21	17	4	1						53		

Stats

15th Percentile :	26 MPH
50th Percentile :	32 MPH
85th Percentile :	37 MPH
95th Percentile :	41 MPH
Mean Speed(Average) :	33 MPH
10 MPH Pace Speed :	30-39 MPH
Number in Pace :	170
Percent in Pace :	68.0%
Number of Vehicles > 30 MPH :	172
Percent of Vehicles > 30 MPH :	68.6%



PRECISION
D A T A
INDUSTRIES, LLC

46 Morton Street, Framingham, MA 01702
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

Sam Turner Road
south of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman

186123 BB Speed
Site Code: T0771

NB	Start Time	1 14	15 19	20 24	25 29	30 34	35 39	40 44	45 49	50 54	55 59	60 64	65 69	70 9999	Total	85th % ile	Ave Speed
03/27/																	
18	0	1	0	0	3	0	0	0	0	0	0	0	0	0	4	33	28
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	18	17
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	1	1	3	0	1	0	0	0	0	0	0	6	44	36
05:00	0	0	0	1	7	8	2	0	0	0	0	0	0	0	18	38	35
06:00	0	0	1	5	18	8	2	0	0	0	0	0	0	0	34	37	33
07:00	0	1	5	16	30	16	2	1	0	0	0	0	0	0	71	36	32
08:00	0	4	7	17	18	14	3	0	0	0	0	0	0	0	63	36	30
09:00	1	2	3	3	17	11	2	0	0	0	0	0	0	0	39	37	31
10:00	0	2	1	6	15	9	2	0	0	0	0	0	0	0	35	37	32
11:00	0	3	2	4	3	5	1	0	0	0	0	0	0	0	18	37	29
12 PM	1	0	3	4	12	11	2	0	0	0	0	0	0	0	33	37	32
13:00	0	0	5	2	14	13	0	0	0	0	0	0	0	0	34	37	32
14:00	0	1	4	4	8	12	0	0	0	0	0	0	0	0	29	37	31
15:00	1	0	2	7	16	5	2	0	0	0	0	0	0	0	33	36	31
16:00	0	0	3	11	15	7	1	0	0	0	0	0	0	0	37	35	31
17:00	2	1	6	9	22	14	0	0	0	0	0	0	0	0	54	36	30
18:00	0	0	2	5	17	5	2	0	0	0	0	0	0	0	31	36	32
19:00	0	0	3	1	7	3	1	0	0	0	0	0	0	0	15	36	31
20:00	0	1	1	0	3	3	0	0	0	0	0	0	0	0	8	37	31
21:00	0	1	0	1	4	2	0	0	0	0	0	0	0	0	8	36	31
22:00	0	0	1	0	0	1	0	0	0	0	0	0	0	0	2	37	30
23:00	0	0	0	1	2	1	0	0	0	0	0	0	0	0	4	36	32
Total	5	18	49	98	232	151	22	2	0	0	0	0	0	0	577		
%	0.9%	3.1%	8.5%	17.0%	40.2%	26.2%	3.8%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	09:00	08:00	08:00	08:00	07:00	07:00	08:00	04:00							07:00		
Vol.	1	4	7	17	30	16	3	1							71		
PM Peak	17:00	14:00	17:00	16:00	17:00	17:00	12:00								17:00		
Vol.	2	1	6	11	22	14	2								54		

Stats

15th Percentile :	24 MPH
50th Percentile :	31 MPH
85th Percentile :	36 MPH
95th Percentile :	38 MPH

Mean Speed(Average) :	31 MPH
10 MPH Pace Speed :	30-39 MPH
Number in Pace :	383
Percent in Pace :	66.4%
Number of Vehicles > 30 MPH :	361
Percent of Vehicles > 30 MPH :	62.5%



PRECISION
D A T A
INDUSTRIES, LLC

46 Morton Street, Framingham, MA 01702
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

Sam Turner Road
south of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman

186123 BB Speed
Site Code: T0771

NB	Email: datarequests@pdillc.com																	
Start Time	1 14	15 19	20 24	25 29	30 34	35 39	40 44	45 49	50 54	55 59	60 64	65 69	70 9999	Total	85th % ile	Ave Speed		
03/28/ 18	0	0	0	1	0	0	0	0	0	0	0	0	0	1	28	27		
01:00	1	0	2	0	0	0	0	0	0	0	0	0	0	3	22	17		
02:00	0	1	1	0	0	0	0	0	0	0	0	0	0	2	22	20		
03:00	0	0	0	0	0	1	0	0	0	0	0	0	0	1	38	37		
04:00	0	0	0	0	1	1	0	0	0	0	0	0	0	2	37	35		
05:00	0	0	0	6	3	9	1	0	0	0	0	0	0	19	37	33		
06:00	0	0	1	10	12	16	3	0	1	0	0	0	0	43	38	34		
07:00	0	2	5	9	30	24	3	0	0	0	0	0	0	73	37	32		
08:00	0	4	2	5	22	10	3	0	0	0	0	0	0	46	37	31		
09:00	0	1	5	7	20	13	3	1	0	0	0	0	0	50	37	32		
10:00	0	3	2	8	17	8	3	0	0	0	0	0	0	41	37	31		
11:00	0	2	2	3	16	9	3	0	0	0	0	0	0	35	37	32		
12 PM	1	1	3	6	9	12	2	0	0	0	0	0	0	34	37	31		
13:00	0	1	4	3	22	10	1	1	0	0	0	0	0	42	36	32		
14:00	0	0	3	5	9	10	1	0	0	0	0	0	0	28	37	32		
15:00	1	0	2	5	19	9	4	0	0	0	0	0	0	40	37	32		
16:00	0	1	4	5	26	12	2	0	0	0	0	0	0	50	36	32		
17:00	0	0	5	5	21	17	2	0	0	0	0	0	0	50	37	33		
18:00	0	0	3	2	10	10	2	0	0	0	0	0	0	27	37	33		
19:00	0	0	1	3	9	5	2	0	0	0	0	0	0	20	37	33		
20:00	0	0	0	1	5	3	2	0	0	0	0	0	0	11	39	35		
21:00	0	1	0	3	5	3	0	0	0	0	0	0	0	12	36	31		
22:00	0	0	3	0	3	0	0	0	0	0	0	0	0	6	32	27		
23:00	0	1	1	0	1	0	0	0	0	0	0	0	0	3	31	24		
Total	3	18	49	87	260	182	37	2	1	0	0	0	0	639				
%	0.5%	2.8%	7.7%	13.6%	40.7%	28.5%	5.8%	0.3%	0.2%	0.0%	0.0%	0.0%	0.0%					
AM Peak	01:00	08:00	07:00	06:00	07:00	07:00	06:00	09:00	06:00					07:00				
Vol.	1	4	5	10	30	24	3	1	1					73				
PM Peak	12:00	12:00	17:00	12:00	16:00	17:00	15:00	13:00						16:00				
Vol.	1	1	5	6	26	17	4	1						50				

Stats
15th Percentile : 25 MPH
50th Percentile : 32 MPH
85th Percentile : 37 MPH
95th Percentile : 40 MPH

Mean Speed(Average) : 32 MPH
10 MPH Pace Speed : 30-39 MPH
Number in Pace : 442
Percent in Pace : 69.2%
Number of Vehicles > 30 MPH : 430
Percent of Vehicles > 30 MPH : 67.3%

Sam Turner Road
south of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman



PRECISION
D A T A
INDUSTRIES, LLC

46 Morton Street, Framingham, MA 01702
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186123 BB Speed
Site Code: T0771

SB	Start Time	1 14	15 19	20 24	25 29	30 34	35 39	40 44	45 49	50 54	55 59	60 64	65 69	70 9999	Total	85th % ile	Ave Speed
03/26/																	
18	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:00	0	1	3	5	18	4	0	0	0	0	0	0	0	0	31	33	30
14:00	0	0	5	8	17	11	0	0	0	0	0	0	0	0	41	36	31
15:00	0	1	4	12	19	14	2	0	0	0	0	0	0	0	52	36	32
16:00	0	0	4	11	28	19	5	0	0	0	0	0	0	0	67	37	33
17:00	0	1	3	7	24	13	4	0	0	0	0	0	0	0	52	37	32
18:00	0	0	3	10	21	18	1	0	0	0	0	0	0	0	53	37	32
19:00	0	1	1	12	18	10	1	0	0	0	0	0	0	0	43	36	31
20:00	0	0	1	6	6	1	2	0	0	0	0	0	0	0	16	36	31
21:00	0	0	2	4	9	7	0	0	0	0	0	0	0	0	22	36	32
22:00	0	0	1	2	0	0	0	0	0	0	0	0	0	0	3	27	25
23:00	0	0	3	3	3	2	0	0	0	0	0	0	0	0	11	34	29
Total	0	4	30	80	163	99	15	0	0	0	0	0	0	0	391		
%	0.0%	1.0%	7.7%	20.5%	41.7%	25.3%	3.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak Vol.																	
PM Peak Vol.		13:00	14:00	15:00	16:00	16:00	16:00								16:00		
		1	5	12	28	19	5								67		

Stats

15th Percentile :	25 MPH
50th Percentile :	31 MPH
85th Percentile :	36 MPH
95th Percentile :	38 MPH
Mean Speed(Average) :	32 MPH
10 MPH Pace Speed :	30-39 MPH
Number in Pace :	262
Percent in Pace :	67.0%
Number of Vehicles > 30 MPH :	244
Percent of Vehicles > 30 MPH :	62.5%



PRECISION
D A T A
INDUSTRIES, LLC

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Sam Turner Road
south of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman

186123 BB Speed
Site Code: T0771

SB

Start Time	14	15	20	25	30	35	40	45	50	55	60	65	70	Total	85th %ile	Ave Speed
	14	19	24	29	34	39	44	49	54	59	64	69	9999			
03/27/																
18	0	0	1	0	0	0	0	0	0	0	0	0	0	1	23	22
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	1	0	0	0	0	0	0	0	0	1	33	32
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	2	0	0	0	0	0	0	0	0	2	33	32
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
06:00	0	2	1	4	1	1	0	0	0	0	0	0	0	9	32	26
07:00	1	0	2	7	11	0	0	0	0	0	0	0	0	21	32	28
08:00	0	0	3	13	12	4	0	0	0	0	0	0	0	32	33	30
09:00	0	0	3	5	6	2	0	0	0	0	0	0	0	16	33	29
10:00	0	1	3	7	11	0	1	0	0	0	0	0	0	23	32	29
11:00	0	0	0	1	12	6	1	1	0	0	0	0	0	21	38	34
12 PM	0	1	3	6	14	10	1	0	0	0	0	0	0	35	36	32
13:00	2	0	3	10	8	4	2	0	0	0	0	0	0	29	36	29
14:00	0	0	2	5	11	8	3	0	0	0	0	0	0	29	38	33
15:00	0	0	2	10	20	12	2	0	0	0	0	0	0	46	36	32
16:00	1	2	5	10	34	23	2	0	0	0	0	0	0	77	36	32
17:00	0	1	4	13	25	23	1	0	0	0	0	0	0	67	37	32
18:00	0	2	5	8	37	10	0	0	0	0	0	0	0	62	34	31
19:00	0	0	3	7	18	5	0	0	0	0	0	0	0	33	34	31
20:00	0	1	1	9	9	3	1	0	0	0	0	0	0	24	34	30
21:00	0	0	3	5	8	3	0	0	0	0	0	0	0	19	34	30
22:00	0	0	2	2	4	1	0	1	0	0	0	0	0	10	36	31
23:00	0	0	0	1	2	0	0	0	0	0	0	0	0	3	32	30
Total	4	10	46	123	246	115	14	2	0	0	0	0	0	560		
%	0.7%	1.8%	8.2%	22.0%	43.9%	20.5%	2.5%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	07:00	06:00	08:00	08:00	08:00	11:00	10:00	11:00						08:00		
Vol.	1	2	3	13	12	6	1	1						32		
PM Peak	13:00	16:00	16:00	17:00	18:00	16:00	14:00	22:00						16:00		
Vol.	2	2	5	13	37	23	3	1						77		

Stats

15th Percentile :	24 MPH
50th Percentile :	30 MPH
85th Percentile :	36 MPH
95th Percentile :	38 MPH

Mean Speed(Average) :	31 MPH
10 MPH Pace Speed :	25-34 MPH
Number in Pace :	369
Percent in Pace :	65.9%
Number of Vehicles > 30 MPH :	328
Percent of Vehicles > 30 MPH :	58.5%



PRECISION
D A T A
INDUSTRIES, LLC

46 Morton Street, Framingham, MA 01702
Office: 508-875-0100 Fax: 508-875-0118
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Sam Turner Road
south of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman

186123 BB Speed
Site Code: T0771

SB	Start Time	14	15	20	25	30	35	40	45	50	55	60	65	70	Total	85th % ile	Ave Speed
		14	19	24	29	34	39	44	49	54	59	64	69	9999			
03/28/																	
18	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	23	22
01:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	18	17
02:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	43	42
03:00	0	0	0	2	1	0	0	0	0	0	0	0	0	0	3	31	29
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	33	32
06:00	0	2	3	0	3	3	0	0	0	0	0	0	0	0	11	36	28
07:00	1	0	4	5	8	4	1	0	0	0	0	0	0	0	23	35	29
08:00	0	0	0	3	10	2	0	0	0	0	0	0	0	0	15	33	32
09:00	0	0	2	6	9	5	0	0	0	0	0	0	0	0	22	35	31
10:00	0	0	2	8	4	1	0	1	0	0	0	0	0	0	16	33	30
11:00	0	0	1	7	11	9	0	2	0	0	0	0	0	0	30	37	33
12 PM	0	2	3	2	10	3	2	0	0	0	0	0	0	0	22	36	30
13:00	0	1	1	10	20	9	2	0	0	0	0	0	0	0	43	36	32
14:00	0	0	4	13	9	6	2	0	0	0	0	0	0	0	34	36	30
15:00	0	2	6	15	18	10	3	1	0	0	0	0	0	0	55	36	31
16:00	0	1	6	13	29	15	3	1	0	0	0	0	0	0	68	36	32
17:00	0	4	8	18	24	18	0	0	0	0	0	0	0	0	72	35	30
18:00	0	0	3	11	26	13	1	0	0	0	0	0	0	0	54	36	32
19:00	0	0	0	10	13	8	2	1	0	0	0	0	0	0	34	37	33
20:00	0	3	3	6	16	6	1	0	0	0	0	0	0	0	35	35	30
21:00	0	0	1	7	9	4	3	0	0	0	0	0	0	0	24	38	32
22:00	0	1	5	5	5	0	1	0	0	0	0	0	0	0	17	32	27
23:00	0	1	1	0	3	2	0	0	0	0	0	0	0	0	7	36	30
Total	1	18	54	141	229	118	22	6	0	0	0	0	0	0	589		
%	0.2%	3.1%	9.2%	23.9%	38.9%	20.0%	3.7%	1.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	07:00	06:00	07:00	10:00	11:00	11:00	02:00	11:00							11:00		
Vol.	1	2	4	8	11	9	1	2							30		
PM Peak		17:00	17:00	17:00	16:00	17:00	15:00	15:00							17:00		
Vol.		4	8	18	29	18	3	1							72		

Stats

15th Percentile :	24 MPH
50th Percentile :	30 MPH
85th Percentile :	36 MPH
95th Percentile :	38 MPH

Mean Speed(Average) :	31 MPH
10 MPH Pace Speed :	25-34 MPH
Number in Pace :	370
Percent in Pace :	62.8%
Number of Vehicles > 30 MPH :	329
Percent of Vehicles > 30 MPH :	55.9%

Cloverfield Way
north of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman



PRECISION
D A T A
INDUSTRIES, LLC

46 Morton Street, Framingham, MA 01702
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

186123 CC Volume
Site Code: T0771

Start	SB				NB				Combined		03/27/18	
Time	A.M.		P.M.		A.M.		P.M.		A.M.	P.M.	Tue	
12:00	0		1		0		3		0	4		
12:15	0		1		0		3		0	4		
12:30	0		3		0		0		0	3		
12:45	0	0	2	7	0	0	2	8	0	4	15	
01:00	0		2		0		0		0	2		
01:15	0		4		0		4		0	8		
01:30	0		1		0		2		0	3		
01:45	0	0	2	9	0	0	1	7	0	3	16	
02:00	0		4		0		2		0	6		
02:15	0		3		0		3		0	6		
02:30	0		2		0		4		0	6		
02:45	0	0	1	10	0	0	3	12	0	4	22	
03:00	0		0		0		3		0	3		
03:15	0		4		0		5		0	9		
03:30	0		1		0		3		0	4		
03:45	1	1	1	6	1	1	4	15	2	5	21	
04:00	0		1		0		1		0	2		
04:15	0		3		0		5		0	8		
04:30	0		1		0		6		0	7		
04:45	0	0	4	9	0	0	2	14	0	6	23	
05:00	0		2		0		1		0	3		
05:15	1		2		0		2		1	4		
05:30	0		3		0		1		0	4		
05:45	1	2	4	11	0	0	6	10	1	10	21	
06:00	0		3		0		2		0	5		
06:15	1		2		0		3		1	5		
06:30	2		0		0		2		2	2		
06:45	2	5	0	5	2	2	0	7	4	0	12	
07:00	1		1		0		1		1	2		
07:15	5		2		2		2		7	4		
07:30	5		0		1		1		6	1		
07:45	1	12	1	4	2	5	0	4	3	1	8	
08:00	2		0		3		1		5	1		
08:15	1		1		1		0		2	1		
08:30	3		0		1		1		4	1		
08:45	3	9	0	1	1	6	1	3	4	1	4	
09:00	2		0		0		1		2	1		
09:15	0		0		0		0		0	0		
09:30	6		0		0		0		6	0		
09:45	2	10	0	0	2	2	0	1	4	0	1	
10:00	2		0		2		0		4	0		
10:15	2		0		3		0		5	0		
10:30	1		0		4		0		5	0		
10:45	0	5	0	0	1	10	1	1	1	1	1	
11:00	0		0		2		0		2	0		
11:15	2		0		3		0		5	0		
11:30	1		0		0		0		1	0		
11:45	1	4	0	0	0	5	0	0	1	0	0	
Total	48		62		31		82		79	144		
Percent	60.8%		43.1%		39.2%		56.9%					
Day Total			110				113			223		
Peak	06:45	-	05:15	-	09:45	-	03:45	-	07:15	-	04:15	-
Vol.	13	-	12	-	11	-	16	-	21	-	24	-
P.H.F.	0.650		0.750		0.688		0.667		0.750		0.750	

Cloverfield Way
north of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman



PRECISION
D A T A
INDUSTRIES, LLC

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186123 CC Volume
Site Code: T0771

Start	SB		NB		Combin		03/28/18	
Time	A.M.	P.M.	A.M.	P.M.	A.M.	P.M.	Wed	
12:00	0	2	0	3	0	5		
12:15	0	1	0	1	0	2		
12:30	0	1	0	2	0	3		
12:45	1	1	5	1	7	2	12	
01:00	0	0	0	1	0	1		
01:15	0	1	0	2	0	3		
01:30	0	0	0	1	0	1		
01:45	0	3	4	0	8	7	12	
02:00	0	1	0	2	0	3		
02:15	0	2	0	2	0	4		
02:30	1	0	0	4	1	4		
02:45	0	1	3	2	8	0	11	
03:00	1	1	0	1	1	2		
03:15	0	3	0	6	0	9		
03:30	0	5	0	4	0	9		
03:45	1	5	14	1	18	12	32	
04:00	0	2	0	1	0	3		
04:15	0	0	0	5	0	5		
04:30	0	0	0	4	0	4		
04:45	0	4	6	0	13	7	19	
05:00	0	4	1	5	1	9		
05:15	0	4	0	1	0	5		
05:30	0	3	0	2	0	5		
05:45	0	5	16	0	9	6	25	
06:00	0	2	1	0	1	2		
06:15	2	0	0	1	2	1		
06:30	2	1	0	3	2	4		
06:45	3	0	3	1	5	1	8	
07:00	2	3	0	2	2	5		
07:15	2	1	0	4	2	5		
07:30	1	0	1	2	2	2		
07:45	2	0	4	1	11	3	15	
08:00	2	0	1	0	3	0		
08:15	1	0	1	0	2	0		
08:30	3	1	2	2	5	3		
08:45	2	0	1	5	2	0	3	
09:00	2	0	0	0	2	0		
09:15	3	1	1	0	4	1		
09:30	3	0	2	0	5	0		
09:45	2	0	1	5	0	0	1	
10:00	1	0	1	1	2	1		
10:15	1	0	3	0	4	0		
10:30	2	0	3	0	5	0		
10:45	1	0	0	10	2	1	2	
11:00	4	0	1	0	5	0		
11:15	1	1	0	0	1	1		
11:30	2	0	1	1	3	1		
11:45	3	0	1	4	5	0	2	
Total	51	58	33	84	84	142		
Percent	60.7%	40.8%	39.3%	59.2%				
Day Total		109		117		226		
Peak	08:30	-	05:00	-	10:00	-	03:15	-
Vol.	10	-	16	-	10	-	33	-
P.H.F.	0.833		0.800		0.833		0.688	

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186123 CC Class
Site Code: T0771

SB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
03/27/1														
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
06:00	0	2	1	0	2	0	0	0	0	0	0	0	0	5
07:00	0	8	2	0	2	0	0	0	0	0	0	0	0	12
08:00	0	7	1	0	0	1	0	0	0	0	0	0	0	9
09:00	0	6	2	0	2	0	0	0	0	0	0	0	0	10
10:00	0	2	2	0	1	0	0	0	0	0	0	0	0	5
11:00	0	1	2	0	0	1	0	0	0	0	0	0	0	4
12 PM	0	3	3	0	1	0	0	0	0	0	0	0	0	7
13:00	1	5	1	0	0	2	0	0	0	0	0	0	0	9
14:00	0	6	2	0	1	0	0	1	0	0	0	0	0	10
15:00	0	5	0	0	0	1	0	0	0	0	0	0	0	6
16:00	0	7	1	0	1	0	0	0	0	0	0	0	0	9
17:00	0	7	1	0	3	0	0	0	0	0	0	0	0	11
18:00	0	3	2	0	0	0	0	0	0	0	0	0	0	5
19:00	0	3	1	0	0	0	0	0	0	0	0	0	0	4
20:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1	69	21	0	13	5	0	1	0	0	0	0	0	110
Percent	0.9%	62.7%	19.1%	0.0%	11.8%	4.5%	0.0%	0.9%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM Peak		07:00	07:00		06:00	08:00								07:00
Vol.		8	2		2	1								12
PM Peak	13:00	16:00	12:00		17:00	13:00		14:00						17:00
Vol.	1	7	3		3	2		1						11

Cloverfield Way
north of Nathan Ellis Highway (Route 151)
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SB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
03/28/1														
8	0	0	1	0	0	0	0	0	0	0	0	0	0	1
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
03:00	0	1	0	0	1	0	0	0	0	0	0	0	0	2
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	4	0	0	3	0	0	0	0	0	0	0	0	7
07:00	0	5	2	0	0	0	0	0	0	0	0	0	0	7
08:00	0	6	0	0	2	0	0	0	0	0	0	0	0	8
09:00	0	4	4	0	1	1	0	0	0	0	0	0	0	10
10:00	0	3	0	0	1	1	0	0	0	0	0	0	0	5
11:00	0	5	4	0	1	0	0	0	0	0	0	0	0	10
12 PM	0	2	2	0	1	0	0	0	0	0	0	0	0	5
13:00	0	3	1	0	0	0	0	0	0	0	0	0	0	4
14:00	0	2	0	0	1	0	0	0	0	0	0	0	0	3
15:00	0	8	3	0	1	1	0	1	0	0	0	0	0	14
16:00	0	5	1	0	0	0	0	0	0	0	0	0	0	6
17:00	0	14	1	0	1	0	0	0	0	0	0	0	0	16
18:00	0	3	0	0	0	0	0	0	0	0	0	0	0	3
19:00	0	2	1	0	1	0	0	0	0	0	0	0	0	4
20:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
21:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	0	0	1	0	0	0	0	0	0	0	0	0	0	1
Total	0	70	21	0	14	3	0	1	0	0	0	0	0	109
Percent	0.0%	64.2%	19.3%	0.0%	12.8%	2.8%	0.0%	0.9%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM Peak		08:00	09:00		06:00	09:00								09:00
Vol.		6	4		3	1								10
PM Peak		17:00	15:00		12:00	15:00		15:00						17:00
Vol.		14	3		1	1		1						16

Cloverfield Way
north of Nathan Ellis Highway (Route 151)
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NB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
03/27/1														
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	1	1	0	0	0	0	0	0	0	0	0	0	2
07:00	0	2	1	0	2	0	0	0	0	0	0	0	0	5
08:00	0	5	0	0	1	0	0	0	0	0	0	0	0	6
09:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
10:00	0	7	1	0	2	0	0	0	0	0	0	0	0	10
11:00	0	1	3	0	0	0	1	0	0	0	0	0	0	5
12 PM	0	3	3	0	1	1	0	0	0	0	0	0	0	8
13:00	0	5	0	0	0	1	1	0	0	0	0	0	0	7
14:00	0	9	2	0	0	1	0	0	0	0	0	0	0	12
15:00	0	11	1	0	2	1	0	0	0	0	0	0	0	15
16:00	0	8	1	0	5	0	0	0	0	0	0	0	0	14
17:00	0	6	3	0	1	0	0	0	0	0	0	0	0	10
18:00	0	4	2	0	1	0	0	0	0	0	0	0	0	7
19:00	0	4	0	0	0	0	0	0	0	0	0	0	0	4
20:00	0	2	1	0	0	0	0	0	0	0	0	0	0	3
21:00	0	0	0	0	1	0	0	0	0	0	0	0	0	1
22:00	0	0	1	0	0	0	0	0	0	0	0	0	0	1
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	71	20	0	16	4	2	0	0	0	0	0	0	113
Percent	0.0%	62.8%	17.7%	0.0%	14.2%	3.5%	1.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM Peak		10:00	11:00		07:00		11:00							10:00
Vol.		7	3		2		1							10
PM Peak		15:00	12:00		16:00	12:00	13:00							15:00
Vol.		11	3		5	1	1							15

Cloverfield Way
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NB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
03/28/1														
8	0	0	1	0	0	0	0	0	0	0	0	0	0	1
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	1	0	1	0	0	0	0	0	0	0	0	2
03:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
06:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
07:00	0	0	1	0	0	0	0	1	0	0	0	0	0	2
08:00	0	4	0	0	1	0	0	0	0	0	0	0	0	5
09:00	0	1	1	0	2	0	1	0	0	0	0	0	0	5
10:00	0	5	1	0	3	0	1	0	0	0	0	0	0	10
11:00	0	1	3	0	0	0	0	0	0	0	0	0	0	4
12 PM	0	3	3	0	1	0	0	0	0	0	0	0	0	7
13:00	0	6	2	0	0	0	0	0	0	0	0	0	0	8
14:00	0	5	3	0	0	0	0	0	0	0	0	0	0	8
15:00	0	11	2	0	4	0	1	0	0	0	0	0	0	18
16:00	0	9	2	0	2	0	0	0	0	0	0	0	0	13
17:00	0	7	1	0	1	0	0	0	0	0	0	0	0	9
18:00	0	3	0	0	2	0	0	0	0	0	0	0	0	5
19:00	0	8	2	0	1	0	0	0	0	0	0	0	0	11
20:00	0	1	0	0	1	0	0	0	0	0	0	0	0	2
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
23:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Total	0	71	23	0	19	0	3	1	0	0	0	0	0	117
Percent	0.0%	60.7%	19.7%	0.0%	16.2%	0.0%	2.6%	0.9%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM Peak		10:00	11:00		10:00		09:00	07:00						10:00
Vol.		5	3		3		1	1						10
PM Peak		15:00	12:00		15:00		15:00							15:00
Vol.		11	3		4		1							18

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186123 CC Speed
Site Code: T0771

SB	Start Time	1 14	15 19	20 24	25 29	30 34	35 39	40 44	45 49	50 54	55 59	60 64	65 69	70 9999	Total	85th % ile	Ave Speed
03/27/																	
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	28	27
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2	28	27
06:00	0	0	1	2	1	1	0	0	0	0	0	0	0	0	5	35	29
07:00	0	1	3	7	1	0	0	0	0	0	0	0	0	0	12	28	25
08:00	1	0	1	4	0	3	0	0	0	0	0	0	0	0	9	36	28
09:00	0	0	3	4	3	0	0	0	0	0	0	0	0	0	10	31	27
10:00	0	0	3	2	0	0	0	0	0	0	0	0	0	0	5	27	24
11:00	1	0	2	1	0	0	0	0	0	0	0	0	0	0	4	26	20
12 PM	0	1	2	3	1	0	0	0	0	0	0	0	0	0	7	28	25
13:00	0	4	3	2	0	0	0	0	0	0	0	0	0	0	9	25	21
14:00	0	1	5	3	1	0	0	0	0	0	0	0	0	0	10	28	24
15:00	0	1	1	2	2	0	0	0	0	0	0	0	0	0	6	31	26
16:00	0	0	2	2	5	0	0	0	0	0	0	0	0	0	9	32	29
17:00	0	0	5	2	4	0	0	0	0	0	0	0	0	0	11	31	27
18:00	0	0	0	3	2	0	0	0	0	0	0	0	0	0	5	32	29
19:00	0	1	0	0	3	0	0	0	0	0	0	0	0	0	4	33	28
20:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	33	32
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
Total	2	9	31	40	24	4	0	0	0	0	0	0	0	0	110		
%	1.8%	8.2%	28.2%	36.4%	21.8%	3.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	08:00	07:00	07:00	07:00	09:00	08:00									07:00		
Vol.	1	1	3	7	3	3									12		
PM Peak		13:00	14:00	12:00	16:00										17:00		
Vol.		4	5	3	5										11		

Stats

15th Percentile :	19 MPH
50th Percentile :	25 MPH
85th Percentile :	31 MPH
95th Percentile :	33 MPH

Mean Speed(Average) :	26 MPH
10 MPH Pace Speed :	20-29 MPH
Number in Pace :	71
Percent in Pace :	64.5%
Number of Vehicles > 30 MPH :	23
Percent of Vehicles > 30 MPH :	21.1%



PRECISION
D A T A
INDUSTRIES, LLC

46 Morton Street, Framingham, MA 01702
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

Cloverfield Way
north of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman

186123 CC Speed
Site Code: T0771

SB

Start Time	14	15	20	25	30	35	40	45	50	55	60	65	70	Total	85th % ile	Ave Speed
		19	24	29	34	39	44	49	54	59	64	69	9999			
03/28/18	0	0	0	1	0	0	0	0	0	0	0	0	0	1	28	27
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	1	0	0	0	0	0	0	0	0	0	0	1	23	22
03:00	0	0	1	0	0	1	0	0	0	0	0	0	0	2	37	30
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
06:00	0	1	1	1	3	1	0	0	0	0	0	0	0	7	33	28
07:00	0	0	1	3	3	0	0	0	0	0	0	0	0	7	32	28
08:00	1	0	1	4	1	1	0	0	0	0	0	0	0	8	32	26
09:00	1	2	4	2	0	1	0	0	0	0	0	0	0	10	27	22
10:00	0	0	2	2	0	0	1	0	0	0	0	0	0	5	40	28
11:00	0	1	3	3	2	1	0	0	0	0	0	0	0	10	32	27
12 PM	0	0	0	2	3	0	0	0	0	0	0	0	0	5	32	30
13:00	0	0	2	1	1	0	0	0	0	0	0	0	0	4	31	26
14:00	0	0	0	1	2	0	0	0	0	0	0	0	0	3	32	30
15:00	1	0	5	7	1	0	0	0	0	0	0	0	0	14	28	24
16:00	0	0	1	3	2	0	0	0	0	0	0	0	0	6	31	28
17:00	0	0	6	3	7	0	0	0	0	0	0	0	0	16	32	27
18:00	0	0	1	1	0	1	0	0	0	0	0	0	0	3	36	29
19:00	0	0	1	2	1	0	0	0	0	0	0	0	0	4	31	27
20:00	0	0	0	0	1	0	0	0	0	0	0	0	0	1	33	32
21:00	0	0	0	0	1	0	0	0	0	0	0	0	0	1	33	32
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
23:00	0	0	0	0	1	0	0	0	0	0	0	0	0	1	33	32
Total %	3	4	30	36	29	6	1	0	0	0	0	0	0	109		
	2.8%	3.7%	27.5%	33.0%	26.6%	5.5%	0.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	08:00	09:00	09:00	08:00	06:00	03:00	10:00							09:00		
Vol.	1	2	4	4	3	1	1							10		
PM Peak	15:00		17:00	15:00	17:00	18:00								17:00		
Vol.	1		6	7	7	1								16		

Stats

15th Percentile :	20 MPH
50th Percentile :	26 MPH
85th Percentile :	32 MPH
95th Percentile :	35 MPH

Mean Speed(Average) :	27 MPH
10 MPH Pace Speed :	20-29 MPH
Number in Pace :	66
Percent in Pace :	60.6%
Number of Vehicles > 30 MPH :	30
Percent of Vehicles > 30 MPH :	27.7%



PRECISION
D A T A
INDUSTRIES, LLC

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Cloverfield Way
north of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman

186123 CC Speed
Site Code: T0771

NB

Start Time	14	15	20	25	30	35	40	45	50	55	60	65	70	Total	85th % ile	Ave Speed
	14	19	24	29	34	39	44	49	54	59	64	69	9999			
03/27/																
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	1	0	0	0	0	0	0	0	0	1	33	32
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
06:00	0	0	1	0	1	0	0	0	0	0	0	0	0	2	32	27
07:00	0	0	3	2	0	0	0	0	0	0	0	0	0	5	27	24
08:00	0	0	3	0	3	0	0	0	0	0	0	0	0	6	32	27
09:00	0	0	1	0	1	0	0	0	0	0	0	0	0	2	32	27
10:00	0	0	3	6	1	0	0	0	0	0	0	0	0	10	28	26
11:00	1	1	1	0	2	0	0	0	0	0	0	0	0	5	32	22
12 PM	0	1	2	4	1	0	0	0	0	0	0	0	0	8	28	25
13:00	0	2	2	1	2	0	0	0	0	0	0	0	0	7	31	24
14:00	0	1	3	7	1	0	0	0	0	0	0	0	0	12	28	25
15:00	0	2	5	6	2	0	0	0	0	0	0	0	0	15	28	25
16:00	0	0	4	7	2	1	0	0	0	0	0	0	0	14	31	27
17:00	0	0	2	5	3	0	0	0	0	0	0	0	0	10	31	27
18:00	0	1	0	5	1	0	0	0	0	0	0	0	0	7	28	26
19:00	0	1	2	1	0	0	0	0	0	0	0	0	0	4	26	22
20:00	0	1	1	0	1	0	0	0	0	0	0	0	0	3	31	24
21:00	0	0	0	0	1	0	0	0	0	0	0	0	0	1	33	32
22:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1	18	17
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
Total	1	11	33	44	23	1	0	0	0	0	0	0	0	113		
%	0.9%	9.7%	29.2%	38.9%	20.4%	0.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	11:00	11:00	07:00	10:00	08:00									10:00		
Vol.	1	1	3	6	3									10		
PM Peak		13:00	15:00	14:00	17:00	16:00								15:00		
Vol.		2	5	7	3	1								15		

Stats

15th Percentile :	19 MPH
50th Percentile :	25 MPH
85th Percentile :	30 MPH
95th Percentile :	32 MPH

Mean Speed(Average) :	26 MPH
10 MPH Pace Speed :	20-29 MPH
Number in Pace :	77
Percent in Pace :	68.1%
Number of Vehicles > 30 MPH :	19
Percent of Vehicles > 30 MPH :	17.2%



PRECISION
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INDUSTRIES, LLC

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Cloverfield Way
north of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman

186123 CC Speed
Site Code: T0771

NB

Start Time	14	15	20	25	30	35	40	45	50	55	60	65	70	Total	85th % ile	Ave Speed
		19	24	29	34	39	44	49	54	59	64	69	9999			
03/28/18	0	0	0	1	0	0	0	0	0	0	0	0	0	1	28	27
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	1	1	0	0	0	0	0	0	0	0	0	2	27	25
03:00	0	0	0	0	0	1	0	0	0	0	0	0	0	1	38	37
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	1	0	0	0	0	0	0	0	0	0	0	1	23	22
06:00	0	0	0	1	1	0	0	0	0	0	0	0	0	2	32	30
07:00	0	1	1	0	0	0	0	0	0	0	0	0	0	2	22	20
08:00	0	0	1	3	1	0	0	0	0	0	0	0	0	5	30	27
09:00	0	1	1	1	2	0	0	0	0	0	0	0	0	5	32	26
10:00	0	1	3	4	2	0	0	0	0	0	0	0	0	10	30	26
11:00	0	0	0	3	1	0	0	0	0	0	0	0	0	4	31	28
12 PM	0	0	3	2	2	0	0	0	0	0	0	0	0	7	31	26
13:00	0	1	2	2	3	0	0	0	0	0	0	0	0	8	32	26
14:00	0	0	1	4	2	1	0	0	0	0	0	0	0	8	33	29
15:00	0	2	4	9	3	0	0	0	0	0	0	0	0	18	29	26
16:00	0	1	0	9	3	0	0	0	0	0	0	0	0	13	30	27
17:00	0	0	0	5	4	0	0	0	0	0	0	0	0	9	32	29
18:00	0	0	2	2	0	1	0	0	0	0	0	0	0	5	35	27
19:00	0	2	2	4	3	0	0	0	0	0	0	0	0	11	31	26
20:00	0	0	1	1	0	0	0	0	0	0	0	0	0	2	27	25
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
22:00	0	0	0	2	0	0	0	0	0	0	0	0	0	2	28	27
23:00	0	0	0	1	0	0	0	0	0	0	0	0	0	1	28	27
Total %	0.0%	9.7%	23.1%	55.0%	27.0%	3.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	117		
AM Peak		07:00	10:00	10:00	09:00	03:00								10:00		
Vol.		1	3	4	2	1								10		
PM Peak		15:00	15:00	15:00	17:00	14:00								15:00		
Vol.		2	4	9	4	1								18		

Stats

15th Percentile :	20 MPH
50th Percentile :	26 MPH
85th Percentile :	31 MPH
95th Percentile :	33 MPH

Mean Speed(Average) :	27 MPH
10 MPH Pace Speed :	25-34 MPH
Number in Pace :	82
Percent in Pace :	70.1%
Number of Vehicles > 30 MPH :	25
Percent of Vehicles > 30 MPH :	21.0%

Nathan Ellis Highway (Route 151)
west of Currier Road
City, State: Falmouth, MA
Client: TEC/ L. Oltman



PRECISION
D A T A
INDUSTRIES, LLC

46 Morton Street, Framingham, MA 01702
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

186123 DD Volume
Site Code: T0771

Start	WB		EB		Combin		03/27/18	
Time	A.M.	P.M.	A.M.	P.M.	A.M.	P.M.	Tue	
12:00	7	127	7	127	14	254		
12:15	11	161	7	123	18	284		
12:30	2	135	7	108	9	243		
12:45	5	159	4	119	9	278	1059	
01:00	2	130	3	119	5	249		
01:15	4	126	7	126	11	252		
01:30	2	159	2	144	4	303		
01:45	2	129	1	116	3	245	1049	
02:00	1	136	4	131	5	267		
02:15	3	135	2	158	5	293		
02:30	1	138	2	148	3	286		
02:45	4	158	3	154	7	312	1158	
03:00	4	151	10	150	14	301		
03:15	1	149	1	174	2	323		
03:30	9	181	2	168	11	349		
03:45	2	161	3	170	5	331	1304	
04:00	11	170	4	185	15	355		
04:15	9	178	4	211	13	389		
04:30	14	169	5	215	19	384		
04:45	19	163	6	206	25	369	1497	
05:00	27	158	12	235	39	393		
05:15	29	154	24	207	53	361		
05:30	43	136	20	177	63	313		
05:45	62	136	28	173	90	309	1376	
06:00	72	150	35	122	107	272		
06:15	93	106	68	148	161	254		
06:30	164	94	81	108	245	202		
06:45	157	100	108	99	265	199	927	
07:00	167	93	115	103	282	196		
07:15	181	66	141	94	322	160		
07:30	207	60	119	88	326	148		
07:45	187	57	170	69	357	126	630	
08:00	201	74	149	78	350	152		
08:15	193	57	147	62	340	119		
08:30	184	58	167	55	351	113		
08:45	155	68	134	74	289	142	526	
09:00	163	60	148	51	311	111		
09:15	121	48	126	53	247	101		
09:30	136	64	134	30	270	94		
09:45	170	27	133	31	303	58	364	
10:00	128	24	121	28	249	52		
10:15	117	25	139	30	256	55		
10:30	128	23	137	22	265	45		
10:45	112	22	137	23	249	45	197	
11:00	158	16	132	21	290	37		
11:15	142	13	120	24	262	37		
11:30	133	9	122	15	255	24		
11:45	122	4	113	8	235	12	110	
Total	3865	4917	3164	5280	7029	10197		
Percent	55.0%	48.2%	45.0%	51.8%				
Day Total	8782		8444		17226			
Peak	07:30	-	03:30	-	07:45	-	04:15	-
Vol.	788	-	690	-	633	-	867	-
P.H.F.	0.952	-	0.953	-	0.931	-	0.922	-

Nathan Ellis Highway (Route 151)
west of Currier Road
City, State: Falmouth, MA
Client: TEC/ L. Oltman



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186123 DD Volume
Site Code: T0771

Start	WB		EB		Combin		03/28/18	
Time	A.M.	P.M.	A.M.	P.M.	A.M.	P.M.	Wed	
12:00	5	124	13	131	18	255		
12:15	5	149	7	124	12	273		
12:30	2	157	8	122	10	279		
12:45	1	115	7	128	8	243	1050	
01:00	4	133	6	115	10	248		
01:15	6	120	6	141	12	261		
01:30	3	141	5	151	8	292		
01:45	2	145	7	114	9	259	1060	
02:00	1	137	7	124	8	261		
02:15	2	113	4	142	6	255		
02:30	5	173	6	135	11	308		
02:45	6	171	1	142	7	313	1137	
03:00	3	164	2	143	5	307		
03:15	6	176	9	188	15	364		
03:30	11	153	3	184	14	337		
03:45	6	160	3	197	9	357	1365	
04:00	11	149	2	211	13	360		
04:15	13	149	3	232	16	381		
04:30	12	164	3	214	15	378		
04:45	13	171	10	181	23	352	1471	
05:00	22	182	15	221	37	403		
05:15	22	137	27	208	49	345		
05:30	41	140	19	197	60	337		
05:45	56	132	24	149	80	281	1366	
06:00	85	130	45	147	130	277		
06:15	102	114	56	155	158	269		
06:30	156	102	97	139	253	241		
06:45	176	98	135	149	311	247	1034	
07:00	162	84	117	102	279	186		
07:15	191	70	165	85	356	155		
07:30	225	66	130	76	355	142		
07:45	167	66	158	84	347	150	633	
08:00	186	72	141	57	327	129		
08:15	202	106	148	78	350	184		
08:30	166	72	113	76	279	148		
08:45	159	53	147	51	262	104	565	
09:00	164	60	133	67	297	127		
09:15	154	63	123	34	277	97		
09:30	142	45	147	43	289	88		
09:45	125	18	137	44	188	62	374	
10:00	131	25	110	29	241	54		
10:15	125	28	133	29	258	57		
10:30	113	26	131	30	244	56		
10:45	102	21	121	24	112	45	212	
11:00	115	16	115	25	230	41		
11:15	121	11	114	26	235	37		
11:30	123	8	115	15	238	23		
11:45	119	2	117	14	236	16	117	
Total	3769	4911	3145	5473	6914	10384		
Percent	54.5%	47.3%	45.5%	52.7%				
Day Total		8680		8618		17298		
Peak	07:30	-	02:30	-	07:15	-	04:15	-
Vol.	780	-	684	-	854	-	1514	-
P.H.F.	0.867	-	0.972	-	0.920	-	0.939	-

Nathan Ellis Highway (Route 151)
west of Currier Road
City, State: Falmouth, MA
Client: TEC/ L. Oltman



PRECISION
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186123 DD Class
Site Code: T0771

WB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
03/27/1														
8	0	17	5	0	3	0	0	0	0	0	0	0	0	25
01:00	0	7	2	0	1	0	0	0	0	0	0	0	0	10
02:00	0	5	3	0	1	0	0	0	0	0	0	0	0	9
03:00	0	10	2	0	3	0	0	0	1	0	0	0	0	16
04:00	0	33	10	0	9	0	0	0	1	0	0	0	0	53
05:00	0	97	35	0	27	1	0	0	1	0	0	0	0	161
06:00	4	319	91	4	62	2	0	2	2	0	0	0	0	486
07:00	5	527	128	7	64	5	0	4	2	0	0	0	0	742
08:00	10	494	145	5	60	9	0	5	5	0	0	0	0	733
09:00	3	416	95	9	54	3	1	3	6	0	0	0	0	590
10:00	2	296	99	6	69	4	1	1	7	0	0	0	0	485
11:00	2	365	107	14	49	8	1	5	4	0	0	0	0	555
12 PM	7	383	96	10	61	13	0	9	3	0	0	0	0	582
13:00	2	357	110	8	51	6	3	4	3	0	0	0	0	544
14:00	2	401	93	12	51	4	0	1	2	1	0	0	0	567
15:00	11	431	128	7	55	6	0	3	1	0	0	0	0	642
16:00	7	467	132	7	61	3	1	2	0	0	0	0	0	680
17:00	5	443	94	0	41	0	0	1	0	0	0	0	0	584
18:00	3	337	87	2	21	0	0	0	0	0	0	0	0	450
19:00	0	224	36	0	13	0	0	2	1	0	0	0	0	276
20:00	1	199	41	0	14	0	0	1	1	0	0	0	0	257
21:00	0	162	21	0	15	1	0	0	0	0	0	0	0	199
22:00	0	72	15	0	6	0	0	1	0	0	0	0	0	94
23:00	0	29	9	0	3	0	0	0	1	0	0	0	0	42
Total	64	6091	1584	91	794	65	7	44	41	1	0	0	0	8782
Percent	0.7%	69.4%	18.0%	1.0%	9.0%	0.7%	0.1%	0.5%	0.5%	0.0%	0.0%	0.0%	0.0%	
AM Peak	08:00	07:00	08:00	11:00	10:00	08:00	09:00	08:00	10:00					07:00
Vol.	10	527	145	14	69	9	1	5	7					742
PM Peak	15:00	16:00	16:00	14:00	12:00	12:00	13:00	12:00	12:00	14:00				16:00
Vol.	11	467	132	12	61	13	3	9	3	1				680

Nathan Ellis Highway (Route 151)
west of Currier Road
City, State: Falmouth, MA
Client: TEC/ L. Oltman



PRECISION
D A T A
INDUSTRIES, LLC

46 Morton Street, Framingham, MA 01702
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

186123 DD Class
Site Code: T0771

WB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
03/28/1														
8	0	10	0	0	2	0	0	1	0	0	0	0	0	13
01:00	0	12	2	0	1	0	0	0	0	0	0	0	0	15
02:00	0	10	2	0	1	1	0	0	0	0	0	0	0	14
03:00	0	16	2	0	8	0	0	0	0	0	0	0	0	26
04:00	0	33	7	0	9	0	0	0	0	0	0	0	0	49
05:00	0	78	33	2	25	1	0	2	0	0	0	0	0	141
06:00	1	353	85	3	66	6	0	1	3	1	0	0	0	519
07:00	5	526	138	2	63	5	0	5	1	0	0	0	0	745
08:00	2	483	152	7	55	4	0	7	3	0	0	0	0	713
09:00	3	397	109	5	54	13	0	1	3	0	0	0	0	585
10:00	5	298	87	8	56	4	0	10	3	0	0	0	0	471
11:00	7	317	99	7	38	6	0	1	3	0	0	0	0	478
12 PM	7	346	117	6	50	12	0	5	2	0	0	0	0	545
13:00	2	366	101	3	57	7	0	2	1	0	0	0	0	539
14:00	6	415	100	5	53	10	0	3	1	1	0	0	0	594
15:00	11	444	125	9	53	5	0	6	0	0	0	0	0	653
16:00	5	443	115	4	63	1	0	2	0	0	0	0	0	633
17:00	7	437	89	2	51	0	0	5	0	0	0	0	0	591
18:00	1	315	91	1	34	2	0	0	0	0	0	0	0	444
19:00	0	216	48	0	22	0	0	0	0	0	0	0	0	286
20:00	2	233	51	1	14	0	0	0	2	0	0	0	0	303
21:00	0	151	25	0	9	0	0	0	1	0	0	0	0	186
22:00	0	79	14	0	6	0	0	0	1	0	0	0	0	100
23:00	0	23	8	0	5	0	0	0	1	0	0	0	0	37
Total	64	6001	1600	65	795	77	0	51	25	2	0	0	0	8680
Percent	0.7%	69.1%	18.4%	0.7%	9.2%	0.9%	0.0%	0.6%	0.3%	0.0%	0.0%	0.0%	0.0%	
AM Peak	11:00	07:00	08:00	10:00	06:00	09:00		10:00	06:00	06:00				07:00
Vol.	7	526	152	8	66	13		10	3	1				745
PM Peak	15:00	15:00	15:00	15:00	16:00	12:00		15:00	12:00	14:00				15:00
Vol.	11	444	125	9	63	12		6	2	1				653

Nathan Ellis Highway (Route 151)
west of Currier Road
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EB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
03/27/1														
8	0	17	5	0	2	0	0	0	1	0	0	0	0	25
01:00	0	7	4	0	1	0	0	0	1	0	0	0	0	13
02:00	0	5	5	0	0	1	0	0	0	0	0	0	0	11
03:00	0	11	4	0	1	0	0	0	0	0	0	0	0	16
04:00	0	8	4	0	2	0	0	0	4	1	0	0	0	19
05:00	0	43	24	1	13	2	0	1	0	0	0	0	0	84
06:00	2	145	69	6	64	2	0	2	2	0	0	0	0	292
07:00	6	310	129	8	78	4	7	3	0	0	0	0	0	545
08:00	8	349	138	11	73	3	2	10	3	0	0	0	0	597
09:00	5	315	109	8	86	5	6	6	1	0	0	0	0	541
10:00	6	294	132	14	69	2	7	3	7	0	0	0	0	534
11:00	1	298	117	8	48	4	6	4	1	0	0	0	0	487
12 PM	3	284	107	4	67	3	1	5	3	0	0	0	0	477
13:00	2	290	131	5	58	3	6	5	5	0	0	0	0	505
14:00	4	346	156	5	64	5	2	5	4	0	0	0	0	591
15:00	4	415	150	2	82	5	0	1	3	0	0	0	0	662
16:00	8	489	193	7	111	2	0	7	0	0	0	0	0	817
17:00	8	511	177	4	84	1	1	5	1	0	0	0	0	792
18:00	2	302	129	0	42	1	0	1	0	0	0	0	0	477
19:00	0	215	99	1	38	0	0	1	0	0	0	0	0	354
20:00	1	169	72	0	26	0	0	0	1	0	0	0	0	269
21:00	1	104	43	0	17	0	0	0	0	0	0	0	0	165
22:00	0	70	27	0	6	0	0	0	0	0	0	0	0	103
23:00	0	43	19	0	6	0	0	0	0	0	0	0	0	68
Total	61	5040	2043	84	1038	43	38	59	37	1	0	0	0	8444
Percent	0.7%	59.7%	24.2%	1.0%	12.3%	0.5%	0.5%	0.7%	0.4%	0.0%	0.0%	0.0%	0.0%	
AM Peak	08:00	08:00	08:00	10:00	09:00	09:00	07:00	08:00	10:00	04:00				08:00
Vol.	8	349	138	14	86	5	7	10	7	1				597
PM Peak	16:00	17:00	16:00	16:00	16:00	14:00	13:00	16:00	13:00					16:00
Vol.	8	511	193	7	111	5	6	7	5					817

Nathan Ellis Highway (Route 151)
west of Currier Road
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EB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
03/28/1														
8	0	23	8	0	3	1	0	0	0	0	0	0	0	35
01:00	0	10	9	0	5	0	0	0	0	0	0	0	0	24
02:00	0	8	4	0	4	2	0	0	0	0	0	0	0	18
03:00	0	7	5	0	1	1	0	0	3	0	0	0	0	17
04:00	0	10	6	1	1	0	0	0	0	0	0	0	0	18
05:00	0	43	23	0	16	1	0	1	1	0	0	0	0	85
06:00	2	175	68	1	83	2	0	1	1	0	0	0	0	333
07:00	5	322	145	2	82	5	4	4	1	0	0	0	0	570
08:00	0	333	139	8	59	2	2	4	2	0	0	0	0	549
09:00	1	309	131	5	73	6	6	7	2	0	0	0	0	540
10:00	6	272	126	8	69	6	4	1	3	0	0	0	0	495
11:00	1	254	131	6	62	2	0	4	1	0	0	0	0	461
12 PM	10	306	112	4	60	3	5	3	2	0	0	0	0	505
13:00	4	308	115	5	75	5	1	7	1	0	0	0	0	521
14:00	4	329	132	2	67	4	0	4	1	0	0	0	0	543
15:00	12	424	167	8	87	6	1	7	0	0	0	0	0	712
16:00	5	519	198	3	97	8	1	6	1	0	0	0	0	838
17:00	5	492	194	2	78	2	0	1	1	0	0	0	0	775
18:00	1	382	150	0	55	0	0	2	0	0	0	0	0	590
19:00	1	215	92	1	37	0	0	0	1	0	0	0	0	347
20:00	0	176	61	1	23	0	0	0	1	0	0	0	0	262
21:00	1	109	61	1	15	0	0	0	1	0	0	0	0	188
22:00	0	76	26	0	9	0	0	0	1	0	0	0	0	112
23:00	0	52	15	0	13	0	0	0	0	0	0	0	0	80
Total	58	5154	2118	58	1074	56	24	52	24	0	0	0	0	8618
Percent	0.7%	59.8%	24.6%	0.7%	12.5%	0.6%	0.3%	0.6%	0.3%	0.0%	0.0%	0.0%	0.0%	
AM Peak	10:00	08:00	07:00	08:00	06:00	09:00	09:00	09:00	03:00					07:00
Vol.	6	333	145	8	83	6	6	7	3					570
PM Peak	15:00	16:00	16:00	15:00	16:00	16:00	12:00	13:00	12:00					16:00
Vol.	12	519	198	8	97	8	5	7	2					838

Nathan Ellis Highway (Route 151)
west of Currier Road
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WB

Start Time	1 14	15 19	20 24	25 29	30 34	35 39	40 44	45 49	50 54	55 59	60 64	65 69	70 9999	Total	85th % ile	Ave Speed
03/27/																
18	0	0	0	0	0	2	2	6	9	3	2	0	1	25	56	50
01:00	0	0	0	0	1	0	3	2	2	2	0	0	0	10	55	47
02:00	0	0	0	0	1	0	0	3	2	2	1	0	0	9	58	50
03:00	0	0	0	1	0	1	1	4	5	3	1	0	0	16	56	49
04:00	0	0	0	2	5	2	8	5	21	6	4	0	0	53	55	48
05:00	0	0	0	1	11	6	18	50	55	20	0	0	0	161	53	48
06:00	0	1	2	4	22	29	72	222	114	19	0	1	0	486	51	46
07:00	0	0	0	8	22	59	159	325	140	25	4	0	0	742	51	46
08:00	0	0	3	7	31	63	182	309	119	19	0	0	0	733	50	45
09:00	0	0	10	14	43	36	127	241	103	16	0	0	0	590	50	44
10:00	1	0	0	3	13	34	111	211	101	9	2	0	0	485	50	46
11:00	0	1	3	3	18	52	110	243	116	8	1	0	0	555	50	46
12 PM	0	3	1	7	24	30	144	276	92	4	0	0	1	582	49	45
13:00	0	0	3	6	37	53	145	210	78	11	1	0	0	544	49	44
14:00	0	0	0	4	19	37	121	267	100	16	3	0	0	567	50	46
15:00	1	3	1	9	39	58	162	252	104	10	3	0	0	642	49	44
16:00	0	1	8	4	24	47	184	299	96	15	2	0	0	680	49	45
17:00	0	0	0	5	28	66	100	232	134	17	1	1	0	584	51	46
18:00	0	0	0	3	24	35	97	187	81	18	5	0	0	450	51	46
19:00	0	0	0	3	9	20	91	109	35	6	3	0	0	276	49	45
20:00	0	0	0	3	8	28	59	118	36	4	0	1	0	257	49	45
21:00	0	0	0	6	22	14	36	65	46	7	1	2	0	199	51	45
22:00	0	0	0	0	6	7	16	40	16	7	1	1	0	94	52	46
23:00	0	0	0	0	4	3	6	11	16	2	0	0	0	42	52	47
Total	2	9	31	93	411	682	1954	3687	1621	249	35	6	2	8782		
%	0.0%	0.1%	0.4%	1.1%	4.7%	7.8%	22.3%	42.0%	18.5%	2.8%	0.4%	0.1%	0.0%			
AM Peak	10:00	06:00	09:00	09:00	09:00	08:00	08:00	07:00	07:00	07:00	04:00	06:00	00:00	07:00		
Vol.	1	1	10	14	43	63	182	325	140	25	4	1	1	742		
PM Peak	15:00	12:00	16:00	15:00	15:00	17:00	16:00	16:00	17:00	18:00	18:00	21:00	12:00	16:00		
Vol.	1	3	8	9	39	66	184	299	134	18	5	2	1	680		

Stats

15th Percentile :	39 MPH
50th Percentile :	45 MPH
85th Percentile :	50 MPH
95th Percentile :	53 MPH

Mean Speed(Average) :	45 MPH
10 MPH Pace Speed :	40-49 MPH
Number in Pace :	5641
Percent in Pace :	64.2%
Number of Vehicles > 50 MPH :	1589
Percent of Vehicles > 50 MPH :	18.1%

Nathan Ellis Highway (Route 151)
west of Currier Road
City, State: Falmouth, MA
Client: TEC/ L. Oltman



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WB

Start Time	1 14	15 19	20 24	25 29	30 34	35 39	40 44	45 49	50 54	55 59	60 64	65 69	70 9999	Total	85th % ile	Ave Speed
03/28/ 18	0	0	0	0	0	1	2	2	5	3	0	0	0	13	55	50
01:00	0	0	0	1	3	0	0	3	0	3	2	1	2	15	61	48
02:00	0	0	0	0	1	0	1	2	5	3	2	0	0	14	58	52
03:00	0	0	0	3	1	1	2	7	5	6	1	0	0	26	56	47
04:00	0	0	0	2	3	2	2	9	14	13	3	1	0	49	57	50
05:00	0	0	0	3	9	4	12	35	62	15	0	1	0	141	53	48
06:00	0	1	0	1	19	31	113	230	107	16	0	1	0	519	51	46
07:00	1	0	0	3	28	69	158	318	151	17	0	0	0	745	50	46
08:00	0	0	3	5	31	76	173	286	122	16	1	0	0	713	50	45
09:00	0	0	0	11	14	45	150	268	86	11	0	0	0	585	49	45
10:00	0	1	0	2	23	25	97	214	100	7	2	0	0	471	50	46
11:00	0	0	1	11	22	38	104	199	89	13	1	0	0	478	50	45
12 PM	0	0	2	8	32	44	162	214	75	8	0	0	0	545	49	44
13:00	0	1	0	9	20	40	133	239	83	14	0	0	0	539	49	45
14:00	1	0	1	10	34	60	159	222	96	11	0	0	0	594	49	44
15:00	2	5	5	11	36	95	152	244	95	8	0	0	0	653	49	44
16:00	1	1	4	7	27	68	164	237	108	15	1	0	0	633	50	45
17:00	0	1	0	2	25	56	140	237	114	14	2	0	0	591	50	45
18:00	0	0	1	8	12	21	118	182	87	12	2	1	0	444	51	46
19:00	0	0	0	1	9	18	91	109	50	8	0	0	0	286	50	45
20:00	0	0	0	6	24	63	101	72	36	1	0	0	0	303	48	42
21:00	0	0	0	1	5	6	39	80	46	8	1	0	0	186	51	47
22:00	0	0	0	2	3	0	12	32	35	16	0	0	0	100	54	49
23:00	0	0	0	2	0	0	7	10	11	7	0	0	0	37	55	48
Total	5	10	17	109	381	763	2092	3451	1582	245	18	5	2	8680		
%	0.1%	0.1%	0.2%	1.3%	4.4%	8.8%	24.1%	39.8%	18.2%	2.8%	0.2%	0.1%	0.0%			
AM Peak	07:00	06:00	08:00	09:00	08:00	08:00	08:00	07:00	07:00	07:00	04:00	01:00	01:00	07:00		
Vol.	1	1	3	11	31	76	173	318	151	17	3	1	2	745		
PM Peak	15:00	15:00	15:00	15:00	15:00	15:00	16:00	15:00	17:00	22:00	17:00	18:00		15:00		
Vol.	2	5	5	11	36	95	164	244	114	16	2	1		653		

Stats
15th Percentile : 39 MPH
50th Percentile : 45 MPH
85th Percentile : 50 MPH
95th Percentile : 53 MPH

Mean Speed(Average) : 45 MPH
10 MPH Pace Speed : 40-49 MPH
Number in Pace : 5543
Percent in Pace : 63.9%
Number of Vehicles > 50 MPH : 1536
Percent of Vehicles > 50 MPH : 17.7%

Nathan Ellis Highway (Route 151)
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EB

Start Time	14	15	20	25	30	35	40	45	50	55	60	65	70	Total	85th % ile	Ave Speed
	14	19	24	29	34	39	44	49	54	59	64	69	9999			
03/27/																
18	0	0	0	0	1	2	0	1	6	11	2	1	1	25	58	53
01:00	0	0	0	0	0	2	1	1	7	2	0	0	0	13	54	49
02:00	0	0	0	0	1	1	1	2	4	2	0	0	0	11	54	48
03:00	0	0	0	0	0	1	0	2	3	6	3	0	1	16	60	54
04:00	0	0	0	0	0	4	2	4	2	3	3	1	0	19	60	50
05:00	0	0	0	1	0	0	6	12	36	21	5	3	0	84	57	53
06:00	1	1	1	1	3	12	22	75	100	61	12	3	0	292	56	50
07:00	0	0	0	5	8	20	79	180	157	79	12	4	1	545	54	49
08:00	1	0	0	13	29	52	84	216	153	43	6	0	0	597	52	46
09:00	2	2	4	2	22	32	54	191	162	58	11	1	0	541	53	48
10:00	0	1	3	13	30	54	70	155	141	53	13	1	0	534	53	47
11:00	0	0	0	1	6	37	66	158	157	56	5	1	0	487	53	48
12 PM	0	4	2	3	19	36	61	158	150	39	5	0	0	477	53	47
13:00	0	1	4	6	21	24	45	157	189	49	8	1	0	505	53	48
14:00	0	0	0	6	41	53	92	169	172	51	6	1	0	591	53	47
15:00	3	1	7	5	39	48	132	213	178	31	5	0	0	662	52	46
16:00	0	6	4	17	36	111	170	251	168	52	2	0	0	817	51	45
17:00	2	1	3	16	36	88	134	256	199	53	4	0	0	792	52	46
18:00	0	0	0	0	12	44	55	133	167	56	9	1	0	477	53	48
19:00	0	0	0	5	19	32	43	101	109	42	3	0	0	354	53	47
20:00	0	0	0	4	20	17	30	81	89	22	6	0	0	269	53	47
21:00	0	0	0	2	26	11	17	46	44	16	3	0	0	165	53	46
22:00	1	0	0	1	7	6	2	13	38	25	10	0	0	103	57	50
23:00	0	0	0	0	5	6	3	14	25	7	7	0	1	68	56	49
Total	10	17	28	101	381	693	1169	2589	2456	838	140	18	4	8444		
%	0.1%	0.2%	0.3%	1.2%	4.5%	8.2%	13.8%	30.7%	29.1%	9.9%	1.7%	0.2%	0.0%			
AM Peak	09:00	09:00	09:00	08:00	10:00	10:00	08:00	08:00	09:00	07:00	10:00	07:00	00:00	08:00		
Vol.	2	2	4	13	30	54	84	216	162	79	13	4	1	597		
PM Peak	15:00	16:00	15:00	16:00	14:00	16:00	16:00	17:00	17:00	18:00	22:00	13:00	23:00	16:00		
Vol.	3	6	7	17	41	111	170	256	199	56	10	1	1	817		

Stats

15th Percentile :	39 MPH
50th Percentile :	47 MPH
85th Percentile :	53 MPH
95th Percentile :	57 MPH

Mean Speed(Average) :	47 MPH
10 MPH Pace Speed :	45-54 MPH
Number in Pace :	5045
Percent in Pace :	59.7%
Number of Vehicles > 50 MPH :	2965
Percent of Vehicles > 50 MPH :	35.1%

Nathan Ellis Highway (Route 151)
west of Currier Road
City, State: Falmouth, MA
Client: TEC/ L. Oltman



PRECISION
D A T A
INDUSTRIES, LLC

46 Morton Street, Framingham, MA 01702
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

186123 DD Speed
Site Code: T0771

EB

Start Time	14	15	20	25	30	35	40	45	50	55	60	65	70	Total	85th % ile	Ave Speed
	14	19	24	29	34	39	44	49	54	59	64	69	9999			
03/28/18	0	0	0	0	0	1	2	7	10	13	2	0	0	35	57	52
01:00	0	0	0	2	2	1	0	3	4	8	4	0	0	24	59	50
02:00	0	0	0	1	1	2	0	3	5	3	1	2	0	18	60	50
03:00	0	0	0	0	1	2	3	0	4	3	1	2	1	17	61	50
04:00	0	0	0	0	0	1	1	4	2	8	2	0	0	18	58	53
05:00	0	0	0	0	2	1	1	19	32	22	7	1	0	85	57	52
06:00	0	1	1	4	5	14	32	99	103	59	13	2	0	333	56	49
07:00	1	4	1	4	16	31	89	172	185	58	5	4	0	570	53	48
08:00	1	5	8	7	21	23	76	170	175	55	8	0	0	549	53	47
09:00	0	0	0	3	9	37	89	149	183	57	13	0	0	540	53	48
10:00	1	0	6	9	7	19	68	153	171	53	8	0	0	495	53	48
11:00	0	0	0	4	21	29	30	118	178	69	12	0	0	461	54	49
12 PM	4	4	1	4	24	49	68	159	137	49	4	2	0	505	53	46
13:00	0	4	11	7	19	54	53	151	165	43	13	1	0	521	53	47
14:00	0	2	5	15	21	33	67	156	179	57	8	0	0	543	53	47
15:00	5	12	17	17	43	81	112	216	155	46	7	1	0	712	52	44
16:00	4	8	11	22	85	83	114	258	210	38	5	0	0	838	52	44
17:00	2	3	7	18	32	59	148	269	175	58	4	0	0	775	52	46
18:00	0	0	1	10	21	42	59	207	183	59	6	2	0	590	53	48
19:00	0	0	0	2	14	30	37	86	136	31	9	2	0	347	53	48
20:00	0	0	0	8	21	28	49	78	53	21	3	1	0	262	52	45
21:00	0	0	0	3	15	10	14	55	62	26	3	0	0	188	54	48
22:00	0	0	0	0	3	12	2	20	40	26	8	1	0	112	57	51
23:00	0	0	0	0	2	4	4	17	30	18	2	2	1	80	56	51
Total	18	43	69	140	385	646	1118	2569	2577	880	148	23	2	8618		
%	0.2%	0.5%	0.8%	1.6%	4.5%	7.5%	13.0%	29.8%	29.9%	10.2%	1.7%	0.3%	0.0%			
AM Peak	07:00	08:00	08:00	10:00	08:00	09:00	07:00	07:00	07:00	11:00	06:00	07:00	03:00	07:00		
Vol.	1	5	8	9	21	37	89	172	185	69	13	4	1	570		
PM Peak	15:00	15:00	15:00	16:00	16:00	16:00	17:00	17:00	16:00	18:00	13:00	12:00	23:00	16:00		
Vol.	5	12	17	22	85	83	148	269	210	59	13	2	1	838		

Stats
15th Percentile : 38 MPH
50th Percentile : 47 MPH
85th Percentile : 53 MPH
95th Percentile : 57 MPH

Mean Speed(Average) : 47 MPH
10 MPH Pace Speed : 45-54 MPH
Number in Pace : 5146
Percent in Pace : 59.7%
Number of Vehicles > 50 MPH : 3115
Percent of Vehicles > 50 MPH : 36.1%

Currier Road
south of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman



PRECISION
D A T A
INDUSTRIES, LLC

46 Morton Street, Framingham, MA 01702
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

186123 EE Volume
Site Code: T0711

Start	NB				SB				Combined		03/27/18	
Time	A.M.		P.M.		A.M.	P.M.			A.M.	P.M.		Tue
12:00	0		11		1	9			1	20		
12:15	2		13		0	11			2	24		
12:30	0		7		2	15			2	22		
12:45	0	2	11	42	1	12	47		1	23	89	
01:00	0		6		1	12			1	18		
01:15	1		16		1	13			2	29		
01:30	0		17		1	15			1	32		
01:45	0	1	3	42	0	13	53		0	16	95	
02:00	1		8		1	19			2	27		
02:15	0		10		0	15			0	25		
02:30	1		10		2	12			3	22		
02:45	0	2	10	38	1	13	59		1	23	97	
03:00	0		13		2	14			2	27		
03:15	0		9		0	17			0	26		
03:30	1		15		0	22			1	37		
03:45	0	1	13	50	1	17	70		1	30	120	
04:00	3		14		1	16			4	30		
04:15	1		17		0	16			1	33		
04:30	1		14		0	20			1	34		
04:45	4	9	11	56	0	17	69		4	28	125	
05:00	3		6		0	16			3	22		
05:15	4		8		0	21			4	29		
05:30	7		8		2	28			9	36		
05:45	8	22	20	42	4	22	87		12	42	129	
06:00	17		13		1	17			18	30		
06:15	10		11		4	23			14	34		
06:30	22		8		7	21			29	29		
06:45	15	64	6	38	9	11	72		24	17	110	
07:00	15		14		6	13			21	27		
07:15	18		7		6	14			24	21		
07:30	17		5		11	17			28	22		
07:45	17	67	2	28	14	14	58		31	16	86	
08:00	18		9		9	8			27	17		
08:15	11		3		12	7			23	10		
08:30	12		4		8	9			20	13		
08:45	12	53	5	21	16	20	44		28	25	65	
09:00	15		10		4	8			19	18		
09:15	11		9		8	6			19	15		
09:30	10		19		13	4			23	23		
09:45	15	51	4	42	5	14	32		20	18	74	
10:00	10		4		6	3			16	7		
10:15	11		4		13	5			24	9		
10:30	10		2		16	6			26	8		
10:45	13	44	3	13	14	2	16		27	5	29	
11:00	12		2		10	5			22	7		
11:15	9		2		13	7			22	9		
11:30	11		1		9	1			20	2		
11:45	10	42	1	6	13	1	14		23	2	20	
Total	358		418		248	621			606	1039		
Percent	59.1%		40.2%		40.9%	59.8%						
Day Total		776				869				1645		
Peak	06:30	-	03:30	-	10:15	-	05:30	-	07:15	-	05:30	-
Vol.	70	-	59	-	53	-	90	-	110	-	142	-
P.H.F.	0.795		0.868		0.828		0.804		0.887		0.845	

Currier Road
south of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman



PRECISION
D A T A
INDUSTRIES, LLC

46 Morton Street, Framingham, MA 01702
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

186123 EE Volume
Site Code: T0711

Start	NB				SB				Combined		03/28/18	
Time	A.M.		P.M.		A.M.	P.M.			A.M.	P.M.	Wed	
12:00	0		13		2	12			2	25		
12:15	0		13		1	14			1	27		
12:30	0		11		0	17			0	28		
12:45	0	0	10	47	1	14	57		1	24	104	
01:00	4		6		2	14			6	20		
01:15	1		13		1	17			2	30		
01:30	0		11		0	14			0	25		
01:45	0	5	8	38	1	17	62		1	25	100	
02:00	0		9		2	10			2	19		
02:15	0		17		1	14			1	31		
02:30	0		10		0	21			0	31		
02:45	1	1	15	51	0	22	67		1	37	118	
03:00	1		14		0	22			1	36		
03:15	0		15		1	21			1	36		
03:30	4		30		0	20			4	50		
03:45	0	5	7	66	1	25	88		1	32	154	
04:00	2		14		1	18			3	32		
04:15	4		8		0	27			4	35		
04:30	2		15		0	19			2	34		
04:45	0	8	16	53	0	22	86		0	38	139	
05:00	4		9		1	16			5	25		
05:15	2		10		0	12			2	22		
05:30	6		8		3	36			9	44		
05:45	11	23	8	35	0	25	89		11	33	124	
06:00	13		10		3	15			16	25		
06:15	9		9		5	16			14	25		
06:30	12		10		6	9			18	19		
06:45	17	51	8	37	9	23	15	55	26	23	92	
07:00	12		11		3	18			15	29		
07:15	21		8		8	13			29	21		
07:30	21		8		14	7			35	15		
07:45	10	64	1	28	14	39	11	49	24	12	77	
08:00	15		7		14	8			29	15		
08:15	15		24		16	15			31	39		
08:30	7		8		11	9			18	17		
08:45	9	46	3	42	14	55	15	47	23	18	89	
09:00	20		3		16	11			36	14		
09:15	9		4		12	8			21	12		
09:30	11		3		10	5			21	8		
09:45	13	53	4	14	13	51	8	32	26	12	46	
10:00	8		2		11	8			19	10		
10:15	14		2		10	5			24	7		
10:30	11		6		6	4			17	10		
10:45	10	43	2	12	14	41	2	19	24	4	31	
11:00	12		2		13	5			25	7		
11:15	14		1		21	2			35	3		
11:30	10		1		14	4			24	5		
11:45	16	52	0	4	9	57	3	14	25	3	18	
Total	351		427		284	665			635	1092		
Percent	55.3%		39.1%		44.7%	60.9%						
Day Total		778				949				1727		
Peak	06:45	-	02:45	-	10:45	-	05:30	-	07:30	-	02:45	-
Vol.	71	-	74	-	62	-	92	-	119	-	159	-
P.H.F.	0.845		0.617		0.738		0.639		0.850		0.795	

Currier Road
south of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman



PRECISION
D A T A
INDUSTRIES, LLC

46 Morton Street, Framingham, MA 01702
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

186123 EE Class
Site Code: T0711

NB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
03/27/1														
8	0	2	0	0	0	0	0	0	0	0	0	0	0	2
01:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
02:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
03:00	0	0	0	0	1	0	0	0	0	0	0	0	0	1
04:00	0	6	1	0	2	0	0	0	0	0	0	0	0	9
05:00	0	15	6	0	1	0	0	0	0	0	0	0	0	22
06:00	0	36	18	1	8	0	0	1	0	0	0	0	0	64
07:00	0	40	15	2	10	0	0	0	0	0	0	0	0	67
08:00	0	34	9	2	5	0	0	3	0	0	0	0	0	53
09:00	0	33	8	1	8	0	0	1	0	0	0	0	0	51
10:00	0	24	11	0	9	0	0	0	0	0	0	0	0	44
11:00	0	25	6	1	8	0	0	1	1	0	0	0	0	42
12 PM	0	20	12	0	9	0	0	0	1	0	0	0	0	42
13:00	0	21	13	2	5	1	0	0	0	0	0	0	0	42
14:00	0	22	7	2	5	2	0	0	0	0	0	0	0	38
15:00	0	24	14	2	7	1	0	2	0	0	0	0	0	50
16:00	0	33	11	0	11	1	0	0	0	0	0	0	0	56
17:00	0	25	15	0	2	0	0	0	0	0	0	0	0	42
18:00	0	26	11	0	1	0	0	0	0	0	0	0	0	38
19:00	0	23	4	0	1	0	0	0	0	0	0	0	0	28
20:00	0	13	5	0	3	0	0	0	0	0	0	0	0	21
21:00	0	32	6	0	3	0	0	1	0	0	0	0	0	42
22:00	0	10	3	0	0	0	0	0	0	0	0	0	0	13
23:00	0	3	3	0	0	0	0	0	0	0	0	0	0	6
Total	0	470	178	13	99	5	0	9	2	0	0	0	0	776
Percent	0.0%	60.6%	22.9%	1.7%	12.8%	0.6%	0.0%	1.2%	0.3%	0.0%	0.0%	0.0%	0.0%	
AM Peak		07:00	06:00	07:00	07:00			08:00	11:00					07:00
Vol.		40	18	2	10			3	1					67
PM Peak		16:00	17:00	13:00	16:00	14:00		15:00	12:00					16:00
Vol.		33	15	2	11	2		2	1					56

Currier Road
south of Nathan Ellis Highway (Route 151)
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186123 EE Class
Site Code: T0711

NB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
03/28/1														
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	4	1	0	0	0	0	0	0	0	0	0	0	5
02:00	0	0	1	0	0	0	0	0	0	0	0	0	0	1
03:00	0	3	0	0	2	0	0	0	0	0	0	0	0	5
04:00	0	5	2	0	1	0	0	0	0	0	0	0	0	8
05:00	0	12	7	0	3	0	0	1	0	0	0	0	0	23
06:00	0	35	8	1	7	0	0	0	0	0	0	0	0	51
07:00	0	42	13	2	6	1	0	0	0	0	0	0	0	64
08:00	0	30	12	2	2	0	0	0	0	0	0	0	0	46
09:00	0	31	13	1	6	2	0	0	0	0	0	0	0	53
10:00	0	26	11	0	5	0	0	1	0	0	0	0	0	43
11:00	2	34	10	1	5	0	0	0	0	0	0	0	0	52
12 PM	0	22	12	2	11	0	0	0	0	0	0	0	0	47
13:00	0	26	11	0	0	0	0	1	0	0	0	0	0	38
14:00	0	24	15	1	9	2	0	0	0	0	0	0	0	51
15:00	0	30	21	4	10	0	0	1	0	0	0	0	0	66
16:00	0	34	10	1	6	0	0	1	1	0	0	0	0	53
17:00	0	21	5	0	9	0	0	0	0	0	0	0	0	35
18:00	0	21	13	0	3	0	0	0	0	0	0	0	0	37
19:00	0	18	5	0	5	0	0	0	0	0	0	0	0	28
20:00	0	33	7	0	2	0	0	0	0	0	0	0	0	42
21:00	0	10	3	0	1	0	0	0	0	0	0	0	0	14
22:00	0	7	5	0	0	0	0	0	0	0	0	0	0	12
23:00	0	4	0	0	0	0	0	0	0	0	0	0	0	4
Total	2	472	185	15	93	5	0	5	1	0	0	0	0	778
Percent	0.3%	60.7%	23.8%	1.9%	12.0%	0.6%	0.0%	0.6%	0.1%	0.0%	0.0%	0.0%	0.0%	
AM Peak	11:00	07:00	07:00	07:00	06:00	09:00		05:00						07:00
Vol.	2	42	13	2	7	2		1						64
PM Peak		16:00	15:00	15:00	12:00	14:00		13:00	16:00					15:00
Vol.		34	21	4	11	2		1	1					66

Currier Road
south of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman



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SB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
03/27/1														
8	0	2	2	0	0	0	0	0	0	0	0	0	0	4
01:00	0	3	0	0	0	0	0	0	0	0	0	0	0	3
02:00	0	3	1	0	0	0	0	0	0	0	0	0	0	4
03:00	0	2	1	0	0	0	0	0	0	0	0	0	0	3
04:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
05:00	0	3	2	0	0	0	0	1	0	0	0	0	0	6
06:00	0	12	5	0	3	0	0	1	0	0	0	0	0	21
07:00	0	18	12	1	4	2	0	0	0	0	0	0	0	37
08:00	0	20	20	0	4	0	0	1	0	0	0	0	0	45
09:00	0	16	6	1	6	0	0	1	0	0	0	0	0	30
10:00	1	24	14	0	7	1	0	1	1	0	0	0	0	49
11:00	0	24	14	1	5	0	0	1	0	0	0	0	0	45
12 PM	1	28	11	0	7	0	0	0	0	0	0	0	0	47
13:00	0	34	13	0	5	1	0	0	0	0	0	0	0	53
14:00	0	41	11	0	5	2	0	0	0	0	0	0	0	59
15:00	0	39	20	1	7	2	0	1	0	0	0	0	0	70
16:00	0	39	23	0	7	0	0	0	0	0	0	0	0	69
17:00	0	59	24	0	4	0	0	0	0	0	0	0	0	87
18:00	0	53	15	0	4	0	0	0	0	0	0	0	0	72
19:00	0	41	14	0	3	0	0	0	0	0	0	0	0	58
20:00	0	27	12	0	5	0	0	0	0	0	0	0	0	44
21:00	0	26	6	0	0	0	0	0	0	0	0	0	0	32
22:00	0	13	2	0	1	0	0	0	0	0	0	0	0	16
23:00	0	13	1	0	0	0	0	0	0	0	0	0	0	14
Total	2	541	229	4	77	8	0	7	1	0	0	0	0	869
Percent	0.2%	62.3%	26.4%	0.5%	8.9%	0.9%	0.0%	0.8%	0.1%	0.0%	0.0%	0.0%	0.0%	
AM Peak	10:00	10:00	08:00	07:00	10:00	07:00		05:00	10:00					10:00
Vol.	1	24	20	1	7	2		1	1					49
PM Peak	12:00	17:00	17:00	15:00	12:00	14:00		15:00						17:00
Vol.	1	59	24	1	7	2		1						87

Currier Road
south of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman



PRECISION
D A T A
INDUSTRIES, LLC

46 Morton Street, Framingham, MA 01702
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

186123 EE Class
Site Code: T0711

SB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
03/28/1														
8	0	3	1	0	0	0	0	0	0	0	0	0	0	4
01:00	0	1	3	0	0	0	0	0	0	0	0	0	0	4
02:00	0	1	2	0	0	0	0	0	0	0	0	0	0	3
03:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
04:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
05:00	0	3	1	0	0	0	0	0	0	0	0	0	0	4
06:00	0	14	5	1	2	0	0	1	0	0	0	0	0	23
07:00	1	18	18	0	0	2	0	0	0	0	0	0	0	39
08:00	0	32	16	0	4	1	1	1	0	0	0	0	0	55
09:00	0	29	18	0	4	0	0	0	0	0	0	0	0	51
10:00	0	25	10	1	2	2	1	0	0	0	0	0	0	41
11:00	0	39	12	0	5	0	1	0	0	0	0	0	0	57
12 PM	0	32	16	0	9	0	0	0	0	0	0	0	0	57
13:00	0	33	22	0	4	2	0	1	0	0	0	0	0	62
14:00	0	39	19	0	7	2	0	0	0	0	0	0	0	67
15:00	0	54	22	1	8	2	0	1	0	0	0	0	0	88
16:00	0	48	29	0	7	0	0	1	1	0	0	0	0	86
17:00	0	64	19	0	6	0	0	0	0	0	0	0	0	89
18:00	0	41	10	0	4	0	0	0	0	0	0	0	0	55
19:00	0	34	14	0	1	0	0	0	0	0	0	0	0	49
20:00	0	36	9	0	2	0	0	0	0	0	0	0	0	47
21:00	0	22	9	0	1	0	0	0	0	0	0	0	0	32
22:00	0	17	1	0	1	0	0	0	0	0	0	0	0	19
23:00	0	12	2	0	0	0	0	0	0	0	0	0	0	14
Total	1	600	258	3	67	11	3	5	1	0	0	0	0	949
Percent	0.1%	63.2%	27.2%	0.3%	7.1%	1.2%	0.3%	0.5%	0.1%	0.0%	0.0%	0.0%	0.0%	
AM Peak	07:00	11:00	07:00	06:00	11:00	07:00	08:00	06:00						11:00
Vol.	1	39	18	1	5	2	1	1						57
PM Peak		17:00	16:00	15:00	12:00	13:00		13:00	16:00					17:00
Vol.		64	29	1	9	2		1	1					89

Currier Road
south of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman



PRECISION
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INDUSTRIES, LLC

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186123 EE Speed
Site Code: T0711

NB	Start Time	1 14	15 19	20 24	25 29	30 34	35 39	40 44	45 49	50 54	55 59	60 64	65 69	70 9999	Total	85th % ile	Ave Speed
03/27/																	
18	0	0	0	0	0	0	1	1	0	0	0	0	0	0	2	42	40
01:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	48	47
02:00	0	0	0	0	0	0	1	1	0	0	0	0	0	0	2	42	40
03:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	38	37
04:00	0	0	0	0	0	0	5	2	1	1	0	0	0	0	9	47	41
05:00	0	0	0	0	0	1	2	10	7	1	1	0	0	0	22	48	44
06:00	0	0	0	1	11	24	21	6	1	0	0	0	0	0	64	43	39
07:00	0	0	0	0	7	14	31	13	2	0	0	0	0	0	67	45	41
08:00	0	0	0	0	9	17	13	10	4	0	0	0	0	0	53	47	40
09:00	0	0	0	2	5	16	17	8	2	1	0	0	0	0	51	46	40
10:00	0	0	0	0	3	14	16	9	2	0	0	0	0	0	44	46	41
11:00	0	0	0	1	5	13	14	9	0	0	0	0	0	0	42	45	40
12 PM	0	0	0	1	8	14	15	2	1	1	0	0	0	0	42	43	39
13:00	0	0	1	2	4	16	11	5	3	0	0	0	0	0	42	45	39
14:00	0	0	0	2	7	12	11	6	0	0	0	0	0	0	38	44	39
15:00	0	0	1	1	6	27	6	6	3	0	0	0	0	0	50	45	39
16:00	0	0	0	2	15	16	11	11	0	1	0	0	0	0	56	45	39
17:00	0	0	0	0	8	13	13	8	0	0	0	0	0	0	42	45	40
18:00	0	0	0	2	7	13	11	5	0	0	0	0	0	0	38	43	38
19:00	0	0	0	0	5	6	9	7	1	0	0	0	0	0	28	46	41
20:00	0	0	0	0	4	4	6	7	0	0	0	0	0	0	21	46	41
21:00	0	0	0	0	8	23	8	3	0	0	0	0	0	0	42	41	38
22:00	0	0	0	0	0	4	6	2	0	1	0	0	0	0	13	46	42
23:00	0	0	0	0	0	3	1	1	0	1	0	0	0	0	6	54	43
Total	0	0	2	14	113	259	234	127	21	6	0	0	0	0	776		
%	0.0%	0.0%	0.3%	1.8%	14.6%	33.4%	30.2%	16.4%	2.7%	0.8%	0.0%	0.0%	0.0%	0.0%			
AM				09:00	06:00	06:00	07:00	07:00	08:00	05:00					07:00		
Peak																	
Vol.				2	11	24	31	13	4	1					67		
PM			13:00	13:00	16:00	15:00	12:00	16:00	13:00	12:00					16:00		
Peak																	
Vol.			1	2	15	27	15	11	3	1					56		

Stats
15th Percentile : 33 MPH
50th Percentile : 39 MPH
85th Percentile : 45 MPH
95th Percentile : 48 MPH

Mean Speed(Average) : 40 MPH
10 MPH Pace Speed : 35-44 MPH
Number in Pace : 493
Percent in Pace : 63.5%
Number of Vehicles > 35 MPH : 595
Percent of Vehicles > 35 MPH : 76.7%



PRECISION
D A T A
INDUSTRIES, LLC

46 Morton Street, Framingham, MA 01702
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

Currier Road
south of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman

186123 EE Speed
Site Code: T0711

NB

Start Time	1 14	15 19	20 24	25 29	30 34	35 39	40 44	45 49	50 54	55 59	60 64	65 69	70 9999	Total	85th % ile	Ave Speed
03/28/ 18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
01:00	0	0	0	1	2	1	1	0	0	0	0	0	0	5	40	34
02:00	0	0	0	0	0	0	0	1	0	0	0	0	0	1	48	47
03:00	0	0	0	0	0	1	1	3	0	0	0	0	0	5	47	44
04:00	0	0	0	0	1	3	3	1	0	0	0	0	0	8	43	39
05:00	0	0	1	0	1	4	10	6	0	1	0	0	0	23	46	42
06:00	0	0	0	1	5	10	22	9	4	0	0	0	0	51	46	41
07:00	0	0	1	2	12	15	26	7	1	0	0	0	0	64	43	39
08:00	0	0	0	2	6	10	12	13	2	1	0	0	0	46	47	41
09:00	0	0	0	0	7	14	23	6	3	0	0	0	0	53	44	40
10:00	0	0	0	0	6	16	13	4	2	1	1	0	0	43	45	40
11:00	0	0	0	2	6	14	22	7	1	0	0	0	0	52	44	40
12 PM	0	0	1	0	5	17	12	8	4	0	0	0	0	47	47	40
13:00	0	0	0	0	5	6	17	8	2	0	0	0	0	38	46	41
14:00	0	0	0	2	4	17	20	4	4	0	0	0	0	51	44	40
15:00	0	0	1	3	14	24	16	6	2	0	0	0	0	66	43	38
16:00	0	0	0	2	7	15	19	9	1	0	0	0	0	53	45	40
17:00	0	0	0	0	2	10	15	7	1	0	0	0	0	35	45	41
18:00	0	0	0	0	7	12	13	3	2	0	0	0	0	37	43	39
19:00	0	0	0	2	9	11	5	0	1	0	0	0	0	28	40	36
20:00	0	0	0	7	14	15	4	0	1	1	0	0	0	42	38	35
21:00	0	0	0	1	1	8	4	0	0	0	0	0	0	14	41	37
22:00	0	0	0	2	3	2	5	0	0	0	0	0	0	12	42	36
23:00	0	0	0	0	0	1	3	0	0	0	0	0	0	4	43	41
Total	0	0	4	27	117	226	266	102	31	4	1	0	0	778		
%	0.0%	0.0%	0.5%	3.5%	15.0%	29.0%	34.2%	13.1%	4.0%	0.5%	0.1%	0.0%	0.0%			
AM Peak			05:00	07:00	07:00	10:00	07:00	08:00	06:00	05:00	10:00			07:00		
Vol.			1	2	12	16	26	13	4	1	1			64		
PM Peak			12:00	20:00	15:00	15:00	14:00	16:00	12:00	20:00				15:00		
Vol.			1	7	14	24	20	9	4	1				66		

Stats
15th Percentile : 32 MPH
50th Percentile : 39 MPH
85th Percentile : 45 MPH
95th Percentile : 48 MPH

Mean Speed(Average) : 40 MPH
10 MPH Pace Speed : 35-44 MPH
Number in Pace : 492
Percent in Pace : 63.2%
Number of Vehicles > 35 MPH : 585
Percent of Vehicles > 35 MPH : 75.2%



PRECISION
D A T A
INDUSTRIES, LLC

46 Morton Street, Framingham, MA 01702
Office: 508-875-0100 Fax: 508-875-0118
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Currier Road
south of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman

186123 EE Speed
Site Code: T0711

SB	Start Time	1 14	15 19	20 24	25 29	30 34	35 39	40 44	45 49	50 54	55 59	60 64	65 69	70 9999	Total	85th % ile	Ave Speed
03/27/																	
18	0	0	0	0	1	1	1	1	0	0	0	0	0	0	4	46	39
01:00	0	0	0	0	0	1	1	1	0	0	0	0	0	0	3	46	42
02:00	0	0	0	0	0	1	3	0	0	0	0	0	0	0	4	43	41
03:00	0	0	0	0	0	1	2	0	0	0	0	0	0	0	3	42	40
04:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	48	47
05:00	0	0	0	1	0	3	2	0	0	0	0	0	0	0	6	41	37
06:00	0	0	0	0	1	7	8	5	0	0	0	0	0	0	21	45	41
07:00	0	0	0	2	6	11	15	3	0	0	0	0	0	0	37	43	38
08:00	0	0	0	0	5	13	22	5	0	0	0	0	0	0	45	43	40
09:00	0	0	0	1	4	12	12	1	0	0	0	0	0	0	30	42	38
10:00	0	0	1	4	12	15	12	2	3	0	0	0	0	0	49	43	37
11:00	0	0	0	1	5	15	19	4	1	0	0	0	0	0	45	43	40
12 PM	0	1	0	0	4	16	16	8	1	1	0	0	0	0	47	45	40
13:00	0	0	0	3	4	18	21	7	0	0	0	0	0	0	53	43	39
14:00	0	0	0	1	3	19	24	10	1	1	0	0	0	0	59	45	41
15:00	0	0	0	6	11	19	24	8	1	0	1	0	0	0	70	43	39
16:00	0	0	0	2	3	35	20	7	2	0	0	0	0	0	69	43	39
17:00	0	0	1	0	8	30	42	5	1	0	0	0	0	0	87	43	40
18:00	0	0	0	0	5	20	32	10	4	1	0	0	0	0	72	46	41
19:00	0	0	1	1	6	24	20	6	0	0	0	0	0	0	58	43	39
20:00	0	0	0	0	4	19	17	4	0	0	0	0	0	0	44	43	39
21:00	0	0	0	1	5	17	9	0	0	0	0	0	0	0	32	41	37
22:00	0	0	0	0	1	5	8	2	0	0	0	0	0	0	16	43	40
23:00	0	0	0	0	0	4	6	2	2	0	0	0	0	0	14	48	43
Total	0	1	3	23	88	306	336	92	16	3	1	0	0	0	869		
%	0.0%	0.1%	0.3%	2.6%	10.1%	35.2%	38.7%	10.6%	1.8%	0.3%	0.1%	0.0%	0.0%				
AM Peak			10:00	10:00	10:00	10:00	08:00	06:00	10:00						10:00		
Vol.			1	4	12	15	22	5	3						49		
PM Peak		12:00	17:00	15:00	15:00	16:00	17:00	14:00	18:00	12:00	15:00				17:00		
Vol.		1	1	6	11	35	42	10	4	1	1				87		

Stats

15th Percentile :	34 MPH
50th Percentile :	39 MPH
85th Percentile :	43 MPH
95th Percentile :	47 MPH

Mean Speed(Average) :	40 MPH
10 MPH Pace Speed :	35-44 MPH
Number in Pace :	642
Percent in Pace :	73.9%
Number of Vehicles > 35 MPH :	693
Percent of Vehicles > 35 MPH :	79.7%



PRECISION
D A T A
INDUSTRIES, LLC

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Currier Road
south of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman

186123 EE Speed
Site Code: T0711

SB

Start Time	14	15	20	25	30	35	40	45	50	55	60	65	70	Total	85th % ile	Ave Speed
	14	19	24	29	34	39	44	49	54	59	64	69	9999			
03/28/																
18	0	0	0	0	0	0	3	1	0	0	0	0	0	4	46	43
01:00	0	0	0	0	0	3	0	1	0	0	0	0	0	4	46	40
02:00	0	0	0	0	0	1	0	1	0	1	0	0	0	3	56	47
03:00	0	0	0	0	0	0	1	1	0	0	0	0	0	2	47	45
04:00	0	0	0	0	0	0	1	0	0	0	0	0	0	1	43	42
05:00	0	0	0	0	1	2	1	0	0	0	0	0	0	4	41	37
06:00	0	0	2	0	2	6	8	4	1	0	0	0	0	23	45	39
07:00	0	0	0	4	7	14	11	3	0	0	0	0	0	39	42	37
08:00	0	0	0	3	5	23	18	4	2	0	0	0	0	55	43	39
09:00	0	0	0	0	4	18	22	7	0	0	0	0	0	51	43	40
10:00	0	0	1	0	5	14	14	5	1	1	0	0	0	41	44	40
11:00	0	0	0	0	7	22	18	7	1	1	1	0	0	57	45	40
12 PM	0	0	0	1	5	24	20	6	0	1	0	0	0	57	43	40
13:00	0	0	2	2	8	20	19	6	4	1	0	0	0	62	45	39
14:00	0	0	0	1	6	21	26	11	2	0	0	0	0	67	45	40
15:00	0	0	0	3	11	32	27	12	2	0	0	1	0	88	44	40
16:00	0	0	0	2	9	33	31	10	0	1	0	0	0	86	43	39
17:00	0	0	0	0	5	31	35	14	3	1	0	0	0	89	45	41
18:00	0	0	0	0	5	21	22	7	0	0	0	0	0	55	43	40
19:00	0	0	0	0	3	16	26	2	1	1	0	0	0	49	43	40
20:00	0	0	0	3	5	14	18	6	0	1	0	0	0	47	43	39
21:00	0	0	0	0	2	13	11	5	1	0	0	0	0	32	45	40
22:00	0	0	0	0	2	7	9	0	1	0	0	0	0	19	42	40
23:00	0	0	0	0	0	5	6	2	1	0	0	0	0	14	46	42
Total	0	0	5	19	92	340	347	115	20	9	1	1	0	949		
%	0.0%	0.0%	0.5%	2.0%	9.7%	35.8%	36.6%	12.1%	2.1%	0.9%	0.1%	0.1%	0.0%			
AM Peak			06:00	07:00	07:00	08:00	09:00	09:00	08:00	02:00	11:00			11:00		
Vol.			2	4	7	23	22	7	2	1	1			57		
PM Peak			13:00	15:00	15:00	16:00	17:00	17:00	13:00	12:00		15:00		17:00		
Vol.			2	3	11	33	35	14	4	1		1		89		

Stats

15th Percentile :	34 MPH
50th Percentile :	39 MPH
85th Percentile :	44 MPH
95th Percentile :	48 MPH

Mean Speed(Average) :	40 MPH
10 MPH Pace Speed :	35-44 MPH
Number in Pace :	687
Percent in Pace :	72.4%
Number of Vehicles > 35 MPH :	765
Percent of Vehicles > 35 MPH :	80.6%

Currier Road
north of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman



PRECISION
D A T A
INDUSTRIES, LLC

46 Morton Street, Framingham, MA 01702
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

186123 FF Volume
Site Code: T0771

Start	SB		NB		Combin		03/27/18	
Time	A.M.	P.M.	A.M.	P.M.	A.M.	P.M.	Tue	
12:00	0	3	0	6	0	9		
12:15	0	4	0	8	0	12		
12:30	0	4	0	4	0	8		
12:45	0	6	0	7	0	13	42	
01:00	1	0	0	5	1	5		
01:15	0	3	0	3	0	6		
01:30	0	3	0	8	0	11		
01:45	0	2	0	6	0	8	30	
02:00	0	5	1	3	1	8		
02:15	0	3	0	6	0	9		
02:30	1	5	0	7	1	12		
02:45	0	4	0	8	0	12	41	
03:00	0	3	0	7	0	10		
03:15	0	3	0	7	0	10		
03:30	0	7	0	6	0	13		
03:45	1	7	0	5	1	12	45	
04:00	0	3	0	7	0	10		
04:15	0	4	0	7	0	11		
04:30	0	4	0	4	0	8		
04:45	1	2	0	7	1	9	38	
05:00	0	6	0	7	0	13		
05:15	1	5	1	4	2	9		
05:30	3	5	1	6	4	11		
05:45	1	11	4	7	5	18	51	
06:00	2	2	4	9	6	11		
06:15	4	5	2	4	6	9		
06:30	5	2	7	6	12	8		
06:45	5	3	12	3	17	6	34	
07:00	3	5	4	5	7	10		
07:15	5	4	5	4	10	8		
07:30	2	2	6	4	8	6		
07:45	1	3	1	1	2	4	28	
08:00	10	2	4	6	14	8		
08:15	3	2	3	3	6	5		
08:30	2	1	5	2	7	3		
08:45	5	1	3	5	8	6	22	
09:00	3	1	2	2	5	3		
09:15	7	1	8	3	15	4		
09:30	2	0	3	0	5	0		
09:45	5	1	4	3	9	4	11	
10:00	4	0	3	2	7	2		
10:15	3	3	4	4	7	7		
10:30	3	2	5	1	8	3		
10:45	2	0	9	1	11	1	13	
11:00	2	0	4	1	6	1		
11:15	4	0	7	0	11	0		
11:30	4	0	6	1	10	1		
11:45	6	0	9	0	15	0	2	
Total	101	142	127	215	228	357		
Percent	44.3%	39.8%	55.7%	60.2%				
Day Total		243		342		585		
Peak	08:00	-	05:00	-	06:30	-	05:00	-
Vol.	20	-	27	-	29	-	51	-
P.H.F.	0.500		0.614		0.906		0.708	

Currier Road
north of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman



PRECISION
D A T A
INDUSTRIES, LLC

46 Morton Street, Framingham, MA 01702
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

186123 FF Volume
Site Code: T0771

Start	SB				NB				Combined		03/28/18	
Time	A.M.		P.M.		A.M.		P.M.		A.M.		P.M.	Wed
12:00	0		5		0		6		0		11	
12:15	0		3		0		12		0		15	
12:30	0		7		0		6		0		13	
12:45	0	0	5	20	0	0	9	33	0	0	14	53
01:00	1		4		1		9		2		13	
01:15	0		5		0		3		0		8	
01:30	1		9		0		3		1		12	
01:45	0	2	4	22	0	1	6	21	0	3	10	43
02:00	0		1		0		6		0		7	
02:15	0		5		0		9		0		14	
02:30	0		4		0		7		0		11	
02:45	0	0	4	14	0	0	8	30	0	0	12	44
03:00	0		7		0		8		0		15	
03:15	0		5		1		12		1		17	
03:30	0		5		0		8		0		13	
03:45	0	0	6	23	0	1	11	39	0	1	17	62
04:00	0		4		1		11		1		15	
04:15	1		6		0		4		1		10	
04:30	0		4		0		9		0		13	
04:45	0	1	5	19	0	1	7	31	0	2	12	50
05:00	1		5		0		9		1		14	
05:15	1		6		0		7		1		13	
05:30	2		7		1		9		3		16	
05:45	0	4	5	23	3	4	5	30	3	8	10	53
06:00	3		6		2		5		5		11	
06:15	4		6		4		4		8		10	
06:30	6		1		5		6		11		7	
06:45	2	15	7	20	8	19	5	20	10	34	12	40
07:00	5		0		3		6		8		6	
07:15	7		4		10		8		17		12	
07:30	1		1		2		1		3		2	
07:45	1	14	2	7	3	18	2	17	4	32	4	24
08:00	7		1		1		7		8		8	
08:15	3		1		4		5		7		6	
08:30	6		1		4		4		10		5	
08:45	1	17	1	4	4	13	2	18	5	30	3	22
09:00	5		0		9		3		14		3	
09:15	2		2		3		0		5		2	
09:30	0		1		5		2		5		3	
09:45	4	11	1	4	4	21	4	9	8	32	5	13
10:00	6		0		3		2		9		2	
10:15	0		1		3		0		3		1	
10:30	2		0		5		4		7		4	
10:45	4	12	0	1	1	12	2	8	5	24	2	9
11:00	3		2		3		3		6		5	
11:15	4		0		3		0		7		0	
11:30	5		0		5		2		10		2	
11:45	5	17	0	2	5	16	0	5	10	33	0	7
Total	93		159		106		261		199		420	
Percent	46.7%		37.9%		53.3%		62.1%					
Day Total			252				367				619	
Peak	06:30	-	05:15	-	06:30	-	03:15	-	06:30	-	03:00	-
Vol.	20	-	24	-	26	-	42	-	46	-	62	-
P.H.F.	0.714		0.667		0.650		0.875		0.676		0.912	

Currier Road
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186123 FF Class
Site Code: T0771

SB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
03/27/1														
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
02:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
03:00	0	0	1	0	0	0	0	0	0	0	0	0	0	1
04:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
05:00	0	4	1	0	0	0	0	0	0	0	0	0	0	5
06:00	1	8	6	0	0	0	0	1	0	0	0	0	0	16
07:00	0	7	4	0	0	0	0	0	0	0	0	0	0	11
08:00	0	15	4	0	1	0	0	0	0	0	0	0	0	20
09:00	0	11	3	0	3	0	0	0	0	0	0	0	0	17
10:00	0	8	3	0	0	0	0	1	0	0	0	0	0	12
11:00	0	10	4	1	1	0	0	0	0	0	0	0	0	16
12 PM	1	10	4	0	2	0	0	0	0	0	0	0	0	17
13:00	0	6	2	0	0	0	0	0	0	0	0	0	0	8
14:00	0	10	4	0	3	0	0	0	0	0	0	0	0	17
15:00	0	13	7	0	0	0	0	0	0	0	0	0	0	20
16:00	0	8	5	0	0	0	0	0	0	0	0	0	0	13
17:00	0	20	6	0	1	0	0	0	0	0	0	0	0	27
18:00	0	9	2	0	1	0	0	0	0	0	0	0	0	12
19:00	0	11	3	0	0	0	0	0	0	0	0	0	0	14
20:00	0	4	2	0	0	0	0	0	0	0	0	0	0	6
21:00	0	3	0	0	0	0	0	0	0	0	0	0	0	3
22:00	0	5	0	0	0	0	0	0	0	0	0	0	0	5
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	2	165	61	1	12	0	0	2	0	0	0	0	0	243
Percent	0.8%	67.9%	25.1%	0.4%	4.9%	0.0%	0.0%	0.8%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM Peak	06:00	08:00	06:00	11:00	09:00			06:00						08:00
Vol.	1	15	6	1	3			1						20
PM Peak	12:00	17:00	15:00		14:00									17:00
Vol.	1	20	7		3									27

Currier Road
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SB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
03/28/1														
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
05:00	0	3	1	0	0	0	0	0	0	0	0	0	0	4
06:00	1	9	3	0	0	1	0	1	0	0	0	0	0	15
07:00	0	10	4	0	0	0	0	0	0	0	0	0	0	14
08:00	0	10	7	0	0	0	0	0	0	0	0	0	0	17
09:00	0	8	3	0	0	0	0	0	0	0	0	0	0	11
10:00	0	10	0	1	1	0	0	0	0	0	0	0	0	12
11:00	0	11	5	0	1	0	0	0	0	0	0	0	0	17
12 PM	1	15	3	0	0	1	0	0	0	0	0	0	0	20
13:00	0	8	14	0	0	0	0	0	0	0	0	0	0	22
14:00	0	9	4	0	1	0	0	0	0	0	0	0	0	14
15:00	0	13	9	0	1	0	0	0	0	0	0	0	0	23
16:00	0	13	6	0	0	0	0	0	0	0	0	0	0	19
17:00	0	16	6	0	1	0	0	0	0	0	0	0	0	23
18:00	0	16	2	0	2	0	0	0	0	0	0	0	0	20
19:00	0	4	3	0	0	0	0	0	0	0	0	0	0	7
20:00	0	3	1	0	0	0	0	0	0	0	0	0	0	4
21:00	0	3	1	0	0	0	0	0	0	0	0	0	0	4
22:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
23:00	0	1	1	0	0	0	0	0	0	0	0	0	0	2
Total	2	166	73	1	7	2	0	1	0	0	0	0	0	252
Percent	0.8%	65.9%	29.0%	0.4%	2.8%	0.8%	0.0%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM Peak	06:00	11:00	08:00	10:00	10:00	06:00		06:00						08:00
Vol.	1	11	7	1	1	1		1						17
PM Peak	12:00	17:00	13:00		18:00	12:00								15:00
Vol.	1	16	14		2	1								23

Currier Road
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NB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
03/27/1														
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	4	2	0	0	0	0	0	0	0	0	0	0	6
06:00	0	13	9	1	2	0	0	0	0	0	0	0	0	25
07:00	0	11	2	0	2	1	0	0	0	0	0	0	0	16
08:00	0	6	7	0	2	0	0	0	0	0	0	0	0	15
09:00	0	11	6	0	0	0	0	0	0	0	0	0	0	17
10:00	0	16	3	0	2	0	0	0	0	0	0	0	0	21
11:00	0	17	6	0	3	0	0	0	0	0	0	0	0	26
12 PM	0	16	7	0	2	0	0	0	0	0	0	0	0	25
13:00	0	14	6	0	2	0	0	0	0	0	0	0	0	22
14:00	0	17	4	2	1	0	0	0	0	0	0	0	0	24
15:00	0	19	4	0	1	0	0	1	0	0	0	0	0	25
16:00	0	13	10	0	2	0	0	0	0	0	0	0	0	25
17:00	0	17	7	0	0	0	0	0	0	0	0	0	0	24
18:00	0	17	4	0	1	0	0	0	0	0	0	0	0	22
19:00	0	10	3	0	1	0	0	0	0	0	0	0	0	14
20:00	0	12	2	0	2	0	0	0	0	0	0	0	0	16
21:00	0	8	0	0	0	0	0	0	0	0	0	0	0	8
22:00	0	7	1	0	0	0	0	0	0	0	0	0	0	8
23:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
Total	0	231	83	3	23	1	0	1	0	0	0	0	0	342
Percent	0.0%	67.5%	24.3%	0.9%	6.7%	0.3%	0.0%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM Peak		11:00	06:00	06:00	11:00	07:00								11:00
Vol.		17	9	1	3	1								26
PM Peak		15:00	16:00	14:00	12:00			15:00						12:00
Vol.		19	10	2	2			1						25

Currier Road
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NB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
03/28/1														
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	1	0	0	0	0	0	0	0	0	0	0	1
04:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
05:00	0	3	1	0	0	0	0	0	0	0	0	0	0	4
06:00	0	10	6	1	2	0	0	0	0	0	0	0	0	19
07:00	0	13	5	0	0	0	0	0	0	0	0	0	0	18
08:00	0	7	4	0	2	0	0	0	0	0	0	0	0	13
09:00	0	11	7	1	1	1	0	0	0	0	0	0	0	21
10:00	0	5	3	0	3	1	0	0	0	0	0	0	0	12
11:00	0	11	5	0	0	0	0	0	0	0	0	0	0	16
12 PM	0	15	15	0	3	0	0	0	0	0	0	0	0	33
13:00	0	15	3	0	1	0	0	2	0	0	0	0	0	21
14:00	0	18	9	1	1	0	0	1	0	0	0	0	0	30
15:00	1	23	8	0	6	1	0	0	0	0	0	0	0	39
16:00	1	24	3	0	2	0	0	0	1	0	0	0	0	31
17:00	0	21	4	0	4	0	0	1	0	0	0	0	0	30
18:00	0	13	6	0	1	0	0	0	0	0	0	0	0	20
19:00	0	11	5	0	1	0	0	0	0	0	0	0	0	17
20:00	0	14	3	0	1	0	0	0	0	0	0	0	0	18
21:00	0	7	1	0	1	0	0	0	0	0	0	0	0	9
22:00	0	4	4	0	0	0	0	0	0	0	0	0	0	8
23:00	0	4	1	0	0	0	0	0	0	0	0	0	0	5
Total	2	231	94	3	29	3	0	4	1	0	0	0	0	367
Percent	0.5%	62.9%	25.6%	0.8%	7.9%	0.8%	0.0%	1.1%	0.3%	0.0%	0.0%	0.0%	0.0%	
AM Peak		07:00	09:00	06:00	10:00	09:00								09:00
Vol.		13	7	1	3	1								21
PM Peak	15:00	16:00	12:00	14:00	15:00	15:00		13:00	16:00					15:00
Vol.	1	24	15	1	6	1		2	1					39

Currier Road
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186123 FF Speed
Site Code: T0771

SB

Start Time	14	15	20	25	30	35	40	45	50	55	60	65	70	Total	85th % ile	Ave Speed
	14	19	24	29	34	39	44	49	54	59	64	69	9999			
03/27/18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
01:00	0	0	0	1	0	0	0	0	0	0	0	0	0	1	28	27
02:00	0	0	0	0	1	0	0	0	0	0	0	0	0	1	33	32
03:00	0	0	0	0	1	0	0	0	0	0	0	0	0	1	33	32
04:00	0	0	0	1	0	0	0	0	0	0	0	0	0	1	28	27
05:00	0	0	1	1	2	1	0	0	0	0	0	0	0	5	35	30
06:00	0	0	1	11	4	0	0	0	0	0	0	0	0	16	31	28
07:00	0	0	2	3	6	0	0	0	0	0	0	0	0	11	32	29
08:00	0	0	0	11	8	1	0	0	0	0	0	0	0	20	32	29
09:00	0	1	0	6	8	2	0	0	0	0	0	0	0	17	33	30
10:00	0	0	3	3	4	2	0	0	0	0	0	0	0	12	34	29
11:00	0	1	1	7	4	2	1	0	0	0	0	0	0	16	35	30
12 PM	0	1	3	8	5	0	0	0	0	0	0	0	0	17	31	27
13:00	0	0	0	5	3	0	0	0	0	0	0	0	0	8	32	29
14:00	0	0	4	5	7	1	0	0	0	0	0	0	0	17	32	28
15:00	0	0	0	10	9	1	0	0	0	0	0	0	0	20	32	30
16:00	0	0	2	6	2	3	0	0	0	0	0	0	0	13	35	29
17:00	1	2	3	12	8	1	0	0	0	0	0	0	0	27	32	27
18:00	0	0	0	5	5	2	0	0	0	0	0	0	0	12	34	31
19:00	0	1	2	5	5	1	0	0	0	0	0	0	0	14	32	28
20:00	0	0	0	3	2	1	0	0	0	0	0	0	0	6	34	30
21:00	0	0	0	2	1	0	0	0	0	0	0	0	0	3	31	29
22:00	0	0	0	0	5	0	0	0	0	0	0	0	0	5	33	32
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
Total	1	6	22	105	90	18	1	0	0	0	0	0	0	243		
%	0.4%	2.5%	9.1%	43.2%	37.0%	7.4%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak		09:00	10:00	06:00	08:00	09:00	11:00							08:00		
Vol.		1	3	11	8	2	1							20		
PM Peak	17:00	17:00	14:00	17:00	15:00	16:00								17:00		
Vol.	1	2	4	12	9	3								27		

Stats
15th Percentile : 24 MPH
50th Percentile : 28 MPH
85th Percentile : 33 MPH
95th Percentile : 35 MPH

Mean Speed(Average) : 29 MPH
10 MPH Pace Speed : 25-34 MPH
Number in Pace : 195
Percent in Pace : 80.2%
Number of Vehicles > 30 MPH : 91
Percent of Vehicles > 30 MPH : 37.4%



PRECISION
D A T A
INDUSTRIES, LLC

46 Morton Street, Framingham, MA 01702
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

Currier Road
north of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman

186123 FF Speed
Site Code: T0771

SB	Start Time	1 14	15 19	20 24	25 29	30 34	35 39	40 44	45 49	50 54	55 59	60 64	65 69	70 9999	Total	85th % ile	Ave Speed
03/28/																	
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
01:00	0	0	0	0	0	2	0	0	0	0	0	0	0	0	2	33	32
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	28	27
05:00	0	0	1	1	1	1	0	0	0	0	0	0	0	0	4	36	29
06:00	0	1	3	6	4	1	0	0	0	0	0	0	0	0	15	32	27
07:00	0	0	0	6	7	0	1	0	0	0	0	0	0	0	14	33	31
08:00	0	0	3	6	7	1	0	0	0	0	0	0	0	0	17	32	29
09:00	0	1	3	5	1	1	0	0	0	0	0	0	0	0	11	30	26
10:00	0	0	0	6	4	2	0	0	0	0	0	0	0	0	12	34	30
11:00	0	0	1	8	8	0	0	0	0	0	0	0	0	0	17	32	29
12 PM	0	0	5	7	7	1	0	0	0	0	0	0	0	0	20	32	28
13:00	0	0	3	8	9	2	0	0	0	0	0	0	0	0	22	33	29
14:00	0	0	0	7	6	1	0	0	0	0	0	0	0	0	14	33	30
15:00	0	1	2	9	10	1	0	0	0	0	0	0	0	0	23	32	29
16:00	0	0	3	9	7	0	0	0	0	0	0	0	0	0	19	31	28
17:00	0	1	2	11	9	0	0	0	0	0	0	0	0	0	23	32	28
18:00	0	0	3	8	9	0	0	0	0	0	0	0	0	0	20	32	29
19:00	0	0	0	2	3	2	0	0	0	0	0	0	0	0	7	36	32
20:00	0	0	0	1	3	0	0	0	0	0	0	0	0	0	4	33	31
21:00	0	1	0	2	1	0	0	0	0	0	0	0	0	0	4	31	26
22:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	33	32
23:00	0	0	0	1	1	0	0	0	0	0	0	0	0	0	2	32	30
Total	0	5	29	104	100	13	1	0	0	0	0	0	0	0	252		
%	0.0%	2.0%	11.5%	41.3%	39.7%	5.2%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM																	
Peak		06:00	06:00	11:00	11:00	10:00	07:00								08:00		
Vol.		1	3	8	8	2	1								17		
PM																	
Peak		15:00	12:00	17:00	15:00	13:00									15:00		
Vol.		1	5	11	10	2									23		

Stats

15th Percentile :	24 MPH
50th Percentile :	28 MPH
85th Percentile :	32 MPH
95th Percentile :	34 MPH

Mean Speed(Average) :	29 MPH
10 MPH Pace Speed :	25-34 MPH
Number in Pace :	204
Percent in Pace :	81.0%
Number of Vehicles > 30 MPH :	94
Percent of Vehicles > 30 MPH :	37.3%



PRECISION
D A T A
INDUSTRIES, LLC

46 Morton Street, Framingham, MA 01702
Office: 508-875-0100 Fax: 508-875-0118
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Currier Road
north of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman

186123 FF Speed
Site Code: T0771

NB

Start Time	1 14	15 19	20 24	25 29	30 34	35 39	40 44	45 49	50 54	55 59	60 64	65 69	70 9999	Total	85th % ile	Ave Speed
03/27/																
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	1	0	0	0	0	0	0	0	0	1	33	32
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	1	4	1	0	0	0	0	0	0	0	6	34	32
06:00	0	0	4	12	7	2	0	0	0	0	0	0	0	25	32	28
07:00	0	0	2	7	3	4	0	0	0	0	0	0	0	16	36	30
08:00	0	0	1	8	4	2	0	0	0	0	0	0	0	15	33	29
09:00	0	0	1	6	9	1	0	0	0	0	0	0	0	17	33	30
10:00	0	0	1	12	5	3	0	0	0	0	0	0	0	21	33	29
11:00	0	1	3	10	11	1	0	0	0	0	0	0	0	26	32	29
12 PM	0	0	3	9	11	1	0	1	0	0	0	0	0	25	33	30
13:00	0	0	1	7	12	2	0	0	0	0	0	0	0	22	33	30
14:00	0	1	3	10	7	3	0	0	0	0	0	0	0	24	33	29
15:00	0	1	3	15	5	1	0	0	0	0	0	0	0	25	31	27
16:00	0	0	1	11	11	2	0	0	0	0	0	0	0	25	33	30
17:00	0	0	6	12	5	1	0	0	0	0	0	0	0	24	31	27
18:00	0	0	2	10	8	1	1	0	0	0	0	0	0	22	33	29
19:00	0	0	2	4	8	0	0	0	0	0	0	0	0	14	32	29
20:00	0	0	3	8	3	2	0	0	0	0	0	0	0	16	33	28
21:00	0	0	2	4	2	0	0	0	0	0	0	0	0	8	31	27
22:00	0	0	0	5	3	0	0	0	0	0	0	0	0	8	32	29
23:00	0	0	2	0	0	0	0	0	0	0	0	0	0	2	23	22
Total	0	3	40	151	119	27	1	1	0	0	0	0	0	342		
%	0.0%	0.9%	11.7%	44.2%	34.8%	7.9%	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak		11:00	06:00	06:00	11:00	07:00								11:00		
Vol.		1	4	12	11	4								26		
PM Peak		14:00	17:00	15:00	13:00	14:00	18:00	12:00						12:00		
Vol.		1	6	15	12	3	1	1						25		

Stats

15th Percentile :	24 MPH
50th Percentile :	28 MPH
85th Percentile :	33 MPH
95th Percentile :	36 MPH

Mean Speed(Average) :	29 MPH
10 MPH Pace Speed :	25-34 MPH
Number in Pace :	270
Percent in Pace :	78.9%
Number of Vehicles > 30 MPH :	124
Percent of Vehicles > 30 MPH :	36.3%



PRECISION
D A T A
INDUSTRIES, LLC

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Currier Road
north of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman

186123 FF Speed
Site Code: T0771

NB	Start Time	1 14	15 19	20 24	25 29	30 34	35 39	40 44	45 49	50 54	55 59	60 64	65 69	70 9999	Total	85th % ile	Ave Speed
03/28/																	
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
01:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	33	32
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	33	32
04:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	33	32
05:00	0	0	0	0	4	0	0	0	0	0	0	0	0	0	4	33	32
06:00	0	0	3	11	3	2	0	0	0	0	0	0	0	0	19	32	28
07:00	0	0	2	5	10	0	1	0	0	0	0	0	0	0	18	33	30
08:00	0	0	2	5	5	1	0	0	0	0	0	0	0	0	13	33	29
09:00	0	0	3	12	6	0	0	0	0	0	0	0	0	0	21	31	28
10:00	0	1	0	3	6	1	1	0	0	0	0	0	0	0	12	34	31
11:00	0	1	4	7	3	1	0	0	0	0	0	0	0	0	16	31	27
12 PM	0	0	3	17	9	4	0	0	0	0	0	0	0	0	33	33	29
13:00	0	1	5	4	10	1	0	0	0	0	0	0	0	0	21	32	28
14:00	0	1	1	16	10	2	0	0	0	0	0	0	0	0	30	32	29
15:00	3	0	5	20	9	2	0	0	0	0	0	0	0	0	39	31	27
16:00	3	0	0	13	14	1	0	0	0	0	0	0	0	0	31	32	28
17:00	0	5	3	11	9	2	0	0	0	0	0	0	0	0	30	32	27
18:00	0	0	3	11	5	1	0	0	0	0	0	0	0	0	20	32	28
19:00	0	0	3	10	4	0	0	0	0	0	0	0	0	0	17	30	27
20:00	0	0	1	13	4	0	0	0	0	0	0	0	0	0	18	30	28
21:00	0	0	3	5	1	0	0	0	0	0	0	0	0	0	9	28	26
22:00	0	0	3	2	2	1	0	0	0	0	0	0	0	0	8	33	28
23:00	0	0	0	3	2	0	0	0	0	0	0	0	0	0	5	32	29
Total	6	9	44	168	119	19	2	0	0	0	0	0	0	0	367		
%	1.6%	2.5%	12.0%	45.8%	32.4%	5.2%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak		10:00	11:00	09:00	07:00	06:00	07:00								09:00		
Vol.		1	4	12	10	2	1								21		
PM Peak	15:00	17:00	13:00	15:00	16:00	12:00									15:00		
Vol.	3	5	5	20	14	4									39		

Stats

15th Percentile :	23 MPH
50th Percentile :	27 MPH
85th Percentile :	32 MPH
95th Percentile :	34 MPH

Mean Speed(Average) :	28 MPH
10 MPH Pace Speed :	25-34 MPH
Number in Pace :	287
Percent in Pace :	78.2%
Number of Vehicles > 30 MPH :	116
Percent of Vehicles > 30 MPH :	31.7%

Sandwich Road
south of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman



PRECISION
D A T A
INDUSTRIES, LLC

46 Morton Street, Framingham, MA 01702
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

186123 GG Volume
Site Code: T0771

Start	NB		SB		Combin		ed		03/27/18	
Time	A.M.	P.M.	A.M.	P.M.	A.M.	P.M.	A.M.	P.M.	Tue	
12:00	4	81	5	69	9	150				
12:15	3	68	3	79	6	147				
12:30	1	62	4	62	5	124				
12:45	0	66	2	72	2	138	22	559		
01:00	0	67	2	56	2	123				
01:15	4	66	0	49	4	115				
01:30	1	59	2	62	3	121				
01:45	1	50	1	61	2	111	11	470		
02:00	2	56	1	59	3	115				
02:15	1	82	0	75	1	157				
02:30	0	78	1	65	1	143				
02:45	5	93	1	75	6	168	11	583		
03:00	2	60	2	79	4	139				
03:15	1	110	1	82	2	192				
03:30	0	91	2	97	2	188				
03:45	2	89	0	102	2	191	10	710		
04:00	3	96	2	102	5	198				
04:15	7	84	1	108	8	192				
04:30	2	118	3	87	5	205				
04:45	7	109	7	107	14	216	32	811		
05:00	15	99	5	94	20	193				
05:15	13	90	8	99	21	189				
05:30	26	82	15	92	41	174				
05:45	30	75	23	85	53	160	135	716		
06:00	38	51	17	80	55	131				
06:15	61	61	31	61	92	122				
06:30	60	61	54	54	114	115				
06:45	75	66	68	68	143	134	404	502		
07:00	84	47	77	46	161	93				
07:15	106	51	59	49	165	100				
07:30	99	46	84	34	183	80				
07:45	103	42	78	41	181	83	690	356		
08:00	78	37	68	46	146	83				
08:15	88	24	92	41	180	65				
08:30	90	20	80	33	170	53				
08:45	77	22	66	51	143	73	639	274		
09:00	84	28	71	34	155	62				
09:15	80	22	74	35	154	57				
09:30	75	17	60	24	135	41				
09:45	74	13	91	17	165	30	609	190		
10:00	85	14	57	16	142	30				
10:15	66	13	63	15	129	28				
10:30	67	7	65	14	132	21				
10:45	63	13	66	20	129	33	532	112		
11:00	81	13	78	11	159	24				
11:15	65	12	62	3	127	15				
11:30	58	5	75	5	133	10				
11:45	59	4	65	8	124	12	543	61		
Total	1946	2620	1692	2724	3638	5344				
Percent	53.5%	49.0%	46.5%	51.0%						
Day Total		4566		4416		8982				
Peak	07:00	-	04:30	-	07:30	-	07:00	-	04:00	-
Vol.	392	-	416	-	322	-	690	-	811	-
P.H.F.	0.925		0.881		0.875		0.943		0.939	

Sandwich Road
south of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman



PRECISION
D A T A
INDUSTRIES, LLC

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186123 GG Volume
Site Code: T0771

Start	NB		SB		Combin ed		03/28/18	
Time	A.M.	P.M.	A.M.	P.M.	A.M.	P.M.	Wed	
12:00	3	77	4	61	7	138		
12:15	2	67	2	66	4	133		
12:30	3	71	4	78	7	149		
12:45	3	86	0	89	3	175	595	
01:00	0	46	1	60	1	106		
01:15	1	69	1	59	2	128		
01:30	2	69	2	57	4	126		
01:45	0	59	0	82	0	141	501	
02:00	2	71	3	70	5	141		
02:15	2	68	3	69	5	137		
02:30	4	75	2	79	6	154		
02:45	2	56	0	89	2	145	577	
03:00	1	71	2	84	3	155		
03:15	2	98	0	74	2	172		
03:30	2	83	2	89	4	172		
03:45	0	87	0	103	0	190	689	
04:00	3	94	2	88	5	182		
04:15	2	106	2	81	4	187		
04:30	8	100	0	100	8	200		
04:45	7	107	7	105	14	212	781	
05:00	20	102	5	97	25	199		
05:15	20	120	8	83	28	203		
05:30	22	82	19	105	41	187		
05:45	36	63	22	83	58	146	735	
06:00	52	61	22	66	74	127		
06:15	46	68	36	59	82	127		
06:30	61	60	61	69	122	129		
06:45	91	67	85	53	176	120	503	
07:00	95	54	81	64	176	118		
07:15	100	51	61	44	161	95		
07:30	88	38	101	40	189	78		
07:45	98	40	73	38	171	78	369	
08:00	81	30	55	47	136	77		
08:15	78	36	107	38	185	74		
08:30	87	27	92	37	179	64		
08:45	93	33	91	35	184	68	283	
09:00	82	33	74	43	156	76		
09:15	88	27	71	32	159	59		
09:30	96	22	69	34	165	56		
09:45	66	18	63	22	129	40	231	
10:00	70	20	70	19	140	39		
10:15	66	12	65	16	131	28		
10:30	77	12	73	11	150	23		
10:45	67	7	59	13	126	20	110	
11:00	55	18	66	15	121	33		
11:15	56	9	50	6	106	15		
11:30	65	3	68	6	133	9		
11:45	59	6	60	8	119	14	71	
Total	1964	2679	1744	2766	3708	5445		
Percent	53.0%	49.2%	47.0%	50.8%				
Day Total		4643		4510		9153		
Peak	07:00	-	04:30	-	08:15	-	04:30	-
Vol.	381	-	429	-	364	-	814	-
P.H.F.	0.953		0.894		0.850		0.960	

Sandwich Road
south of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman



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Email: datarequests@pdillc.com

186123 GG Class
Site Code: T0771

NB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
03/27/1														
8	0	7	1	0	0	0	0	0	0	0	0	0	0	8
01:00	0	4	2	0	0	0	0	0	0	0	0	0	0	6
02:00	0	7	1	0	0	0	0	0	0	0	0	0	0	8
03:00	0	4	1	0	0	0	0	0	0	0	0	0	0	5
04:00	0	11	7	0	1	0	0	0	0	0	0	0	0	19
05:00	0	49	23	0	12	0	0	0	0	0	0	0	0	84
06:00	0	134	79	1	16	3	0	1	0	0	0	0	0	234
07:00	0	276	87	2	23	1	2	1	0	0	0	0	0	392
08:00	0	243	65	3	14	2	0	5	1	0	0	0	0	333
09:00	1	224	62	3	17	1	1	2	2	0	0	0	0	313
10:00	0	192	67	0	15	1	3	1	2	0	0	0	0	281
11:00	1	178	64	1	15	2	0	1	1	0	0	0	0	263
12 PM	2	192	51	1	22	5	1	2	1	0	0	0	0	277
13:00	1	173	53	2	9	1	0	2	1	0	0	0	0	242
14:00	1	210	60	1	26	5	1	3	2	0	0	0	0	309
15:00	2	233	82	1	26	4	0	1	1	0	0	0	0	350
16:00	3	303	80	2	16	2	0	1	0	0	0	0	0	407
17:00	2	273	57	1	12	0	0	1	0	0	0	0	0	346
18:00	2	173	53	0	10	1	0	0	0	0	0	0	0	239
19:00	2	135	42	0	6	0	0	1	0	0	0	0	0	186
20:00	1	80	22	0	0	0	0	0	0	0	0	0	0	103
21:00	0	65	12	0	2	0	0	1	0	0	0	0	0	80
22:00	0	36	10	0	1	0	0	0	0	0	0	0	0	47
23:00	0	27	5	0	2	0	0	0	0	0	0	0	0	34
Total	18	3229	986	18	245	28	8	23	11	0	0	0	0	4566
Percent	0.4%	70.7%	21.6%	0.4%	5.4%	0.6%	0.2%	0.5%	0.2%	0.0%	0.0%	0.0%	0.0%	
AM Peak	09:00	07:00	07:00	08:00	07:00	06:00	10:00	08:00	09:00					07:00
Vol.	1	276	87	3	23	3	3	5	2					392
PM Peak	16:00	16:00	15:00	13:00	14:00	12:00	12:00	14:00	14:00					16:00
Vol.	3	303	82	2	26	5	1	3	2					407

Sandwich Road
south of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman



46 Morton Street, Framingham, MA 01702
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

186123 GG Class
Site Code: T0771

NB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
03/28/1														
8	0	7	3	0	1	0	0	0	0	0	0	0	0	11
01:00	0	2	1	0	0	0	0	0	0	0	0	0	0	3
02:00	0	7	1	0	2	0	0	0	0	0	0	0	0	10
03:00	0	4	1	0	0	0	0	0	0	0	0	0	0	5
04:00	0	11	7	1	1	0	0	0	0	0	0	0	0	20
05:00	0	60	22	0	14	1	0	0	0	1	0	0	0	98
06:00	0	155	78	1	15	1	0	0	0	0	0	0	0	250
07:00	0	258	89	0	21	7	5	1	0	0	0	0	0	381
08:00	1	244	69	3	17	3	1	1	0	0	0	0	0	339
09:00	0	215	78	0	27	5	5	2	0	0	0	0	0	332
10:00	1	199	55	3	16	4	1	0	1	0	0	0	0	280
11:00	1	165	46	1	13	7	0	2	0	0	0	0	0	235
12 PM	2	214	54	2	19	4	5	1	0	0	0	0	0	301
13:00	1	164	53	2	11	7	1	4	0	0	0	0	0	243
14:00	0	185	55	1	22	2	0	2	3	0	0	0	0	270
15:00	2	241	75	3	14	2	0	0	2	0	0	0	0	339
16:00	1	283	90	1	27	4	0	1	0	0	0	0	0	407
17:00	2	269	77	0	16	1	0	2	0	0	0	0	0	367
18:00	1	202	42	0	10	0	0	0	1	0	0	0	0	256
19:00	0	145	34	0	4	0	0	0	0	0	0	0	0	183
20:00	1	101	21	0	3	0	0	0	0	0	0	0	0	126
21:00	0	83	14	0	3	0	0	0	0	0	0	0	0	100
22:00	0	40	7	0	4	0	0	0	0	0	0	0	0	51
23:00	0	32	3	0	1	0	0	0	0	0	0	0	0	36
Total	13	3286	975	18	261	48	18	16	7	1	0	0	0	4643
Percent	0.3%	70.8%	21.0%	0.4%	5.6%	1.0%	0.4%	0.3%	0.2%	0.0%	0.0%	0.0%	0.0%	
AM Peak	08:00	07:00	07:00	08:00	09:00	07:00	07:00	09:00	10:00	05:00				07:00
Vol.	1	258	89	3	27	7	5	2	1	1				381
PM Peak	12:00	16:00	16:00	15:00	16:00	13:00	12:00	13:00	14:00					16:00
Vol.	2	283	90	3	27	7	5	4	3					407

Sandwich Road
south of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman



PRECISION
D A T A
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SB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
03/27/1														
8	0	12	2	0	0	0	0	0	0	0	0	0	0	14
01:00	0	5	0	0	0	0	0	0	0	0	0	0	0	5
02:00	0	1	1	0	1	0	0	0	0	0	0	0	0	3
03:00	0	3	2	0	0	0	0	0	0	0	0	0	0	5
04:00	0	9	3	0	1	0	0	0	0	0	0	0	0	13
05:00	0	30	18	0	1	1	0	0	1	0	0	0	0	51
06:00	0	112	47	1	7	1	0	2	0	0	0	0	0	170
07:00	0	220	65	4	9	0	0	0	0	0	0	0	0	298
08:00	1	231	62	0	10	1	0	1	0	0	0	0	0	306
09:00	0	213	64	2	13	2	0	1	1	0	0	0	0	296
10:00	2	187	41	3	12	3	1	1	1	0	0	0	0	251
11:00	0	205	56	4	10	2	0	1	2	0	0	0	0	280
12 PM	0	214	53	0	8	5	0	1	1	0	0	0	0	282
13:00	3	172	37	1	9	3	0	1	1	1	0	0	0	228
14:00	0	205	46	4	15	0	1	2	1	0	0	0	0	274
15:00	2	264	74	4	11	4	0	1	0	0	0	0	0	360
16:00	1	298	89	1	12	2	0	1	0	0	0	0	0	404
17:00	1	295	64	0	9	0	0	1	0	0	0	0	0	370
18:00	1	217	43	0	2	0	0	0	0	0	0	0	0	263
19:00	1	145	20	0	3	0	0	1	0	0	0	0	0	170
20:00	1	141	23	0	5	0	0	1	0	0	0	0	0	171
21:00	0	92	14	0	4	0	0	0	0	0	0	0	0	110
22:00	0	55	9	0	1	0	0	0	0	0	0	0	0	65
23:00	0	22	3	0	2	0	0	0	0	0	0	0	0	27
Total	13	3348	836	24	145	24	2	15	8	1	0	0	0	4416
Percent	0.3%	75.8%	18.9%	0.5%	3.3%	0.5%	0.0%	0.3%	0.2%	0.0%	0.0%	0.0%	0.0%	
AM Peak	10:00	08:00	07:00	07:00	09:00	10:00	10:00	06:00	11:00					08:00
Vol.	2	231	65	4	13	3	1	2	2					306
PM Peak	13:00	16:00	16:00	14:00	14:00	12:00	14:00	14:00	12:00	13:00				16:00
Vol.	3	298	89	4	15	5	1	2	1	1				404

Sandwich Road
south of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
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SB

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
03/28/1														
8	0	10	0	0	0	0	0	0	0	0	0	0	0	10
01:00	0	3	1	0	0	0	0	0	0	0	0	0	0	4
02:00	0	6	0	0	2	0	0	0	0	0	0	0	0	8
03:00	0	1	3	0	0	0	0	0	0	0	0	0	0	4
04:00	0	9	1	0	1	0	0	0	0	0	0	0	0	11
05:00	0	37	14	0	1	1	0	1	0	0	0	0	0	54
06:00	1	135	58	2	4	3	0	1	0	0	0	0	0	204
07:00	1	233	63	3	11	5	0	0	0	0	0	0	0	316
08:00	0	255	67	0	16	4	0	3	0	0	0	0	0	345
09:00	0	190	62	2	14	7	0	2	0	0	0	0	0	277
10:00	1	188	44	2	18	7	0	6	1	0	0	0	0	267
11:00	1	170	53	3	11	5	1	0	0	0	0	0	0	244
12 PM	0	216	53	0	9	10	2	4	0	0	0	0	0	294
13:00	1	196	42	0	15	3	0	0	1	0	0	0	0	258
14:00	2	229	53	4	13	4	0	0	1	1	0	0	0	307
15:00	2	263	69	3	10	2	0	1	0	0	0	0	0	350
16:00	0	272	81	3	16	1	0	1	0	0	0	0	0	374
17:00	0	281	73	0	13	0	0	1	0	0	0	0	0	368
18:00	0	199	38	0	10	0	0	0	0	0	0	0	0	247
19:00	0	157	27	0	2	0	0	0	0	0	0	0	0	186
20:00	2	137	14	0	4	0	0	0	0	0	0	0	0	157
21:00	0	107	18	0	6	0	0	0	0	0	0	0	0	131
22:00	0	51	6	0	2	0	0	0	0	0	0	0	0	59
23:00	0	29	6	0	0	0	0	0	0	0	0	0	0	35
Total	11	3374	846	22	178	52	3	20	3	1	0	0	0	4510
Percent	0.2%	74.8%	18.8%	0.5%	3.9%	1.2%	0.1%	0.4%	0.1%	0.0%	0.0%	0.0%	0.0%	
AM Peak	06:00	08:00	08:00	07:00	10:00	09:00	11:00	10:00	10:00					08:00
Vol.	1	255	67	3	18	7	1	6	1					345
PM Peak	14:00	17:00	16:00	14:00	16:00	12:00	12:00	12:00	13:00	14:00				16:00
Vol.	2	281	81	4	16	10	2	4	1	1				374

Sandwich Road
south of Nathan Ellis Highway (Route 151)
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186123 GG Speed
Site Code: T0771

NB

Start Time	1 14	15 19	20 24	25 29	30 34	35 39	40 44	45 49	50 54	55 59	60 64	65 69	70 9999	Total	85th % ile	Ave Speed
03/27/																
18	0	0	0	0	0	2	3	1	2	0	0	0	0	8	51	44
01:00	0	0	0	0	0	1	2	3	0	0	0	0	0	6	47	44
02:00	0	0	0	0	0	2	1	3	2	0	0	0	0	8	51	45
03:00	0	0	0	0	0	1	1	2	1	0	0	0	0	5	50	45
04:00	0	0	0	1	0	3	5	5	5	0	0	0	0	19	51	44
05:00	0	0	0	0	6	24	35	13	6	0	0	0	0	84	46	41
06:00	0	0	0	1	10	73	108	37	5	0	0	0	0	234	44	41
07:00	0	0	1	4	39	116	158	65	9	0	0	0	0	392	45	40
08:00	0	0	2	8	46	86	131	53	7	0	0	0	0	333	44	40
09:00	0	0	0	0	7	115	140	47	4	0	0	0	0	313	44	41
10:00	0	0	0	6	28	76	119	46	5	1	0	0	0	281	45	40
11:00	0	0	0	4	12	85	120	39	2	0	1	0	0	263	44	41
12 PM	1	0	0	9	25	94	106	36	3	2	0	0	1	277	43	40
13:00	0	0	0	0	19	82	107	31	3	0	0	0	0	242	43	40
14:00	0	0	0	3	15	84	150	45	9	2	0	0	1	309	45	41
15:00	0	0	0	12	22	107	153	49	6	1	0	0	0	350	44	40
16:00	0	0	1	11	26	129	189	46	5	0	0	0	0	407	43	40
17:00	0	1	1	2	8	96	182	54	1	1	0	0	0	346	44	41
18:00	0	0	0	0	14	73	112	31	9	0	0	0	0	239	44	41
19:00	0	0	2	5	14	73	71	19	2	0	0	0	0	186	43	39
20:00	0	0	0	1	7	35	43	14	3	0	0	0	0	103	44	40
21:00	0	0	0	1	6	33	21	18	1	0	0	0	0	80	45	40
22:00	0	0	0	0	4	17	14	9	2	1	0	0	0	47	46	41
23:00	0	0	0	0	3	7	13	9	2	0	0	0	0	34	47	42
Total	1	1	7	68	311	1414	1984	675	94	8	1	0	2	4566		
%	0.0%	0.0%	0.2%	1.5%	6.8%	31.0%	43.5%	14.8%	2.1%	0.2%	0.0%	0.0%	0.0%			
AM Peak			08:00	08:00	08:00	07:00	07:00	07:00	07:00	10:00	11:00			07:00		
Vol.			2	8	46	116	158	65	9	1	1			392		
PM Peak	12:00	17:00	19:00	15:00	16:00	16:00	16:00	17:00	14:00	12:00			12:00	16:00		
Vol.	1	1	2	12	26	129	189	54	9	2			1	407		

Stats
15th Percentile : 35 MPH
50th Percentile : 40 MPH
85th Percentile : 44 MPH
95th Percentile : 48 MPH

Mean Speed(Average) : 40 MPH
10 MPH Pace Speed : 35-44 MPH
Number in Pace : 3398
Percent in Pace : 74.4%
Number of Vehicles > 40 MPH : 2367
Percent of Vehicles > 40 MPH : 51.8%

Sandwich Road
south of Nathan Ellis Highway (Route 151)
City, State: Falmouth, MA
Client: TEC/ L. Oltman



PRECISION
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186123 GG Speed
Site Code: T0771

NB	Start Time	1 14	15 19	20 24	25 29	30 34	35 39	40 44	45 49	50 54	55 59	60 64	65 69	70 9999	Total	85th % ile	Ave Speed
03/28/																	
18	0	0	0	0	0	0	4	2	3	1	1	0	0	0	11	50	44
01:00	0	0	0	0	0	0	0	1	2	0	0	0	0	0	3	47	45
02:00	0	0	0	0	0	1	1	7	1	0	0	0	0	0	10	43	41
03:00	0	0	0	0	0	0	0	3	0	1	1	0	0	0	5	55	47
04:00	0	0	0	1	2	4	4	7	2	0	0	0	0	0	20	48	42
05:00	0	0	0	1	12	21	35	21	7	1	0	0	0	0	98	47	41
06:00	0	0	0	4	20	78	102	39	7	0	0	0	0	0	250	45	40
07:00	0	0	2	7	47	142	138	41	4	0	0	0	0	0	381	43	39
08:00	1	0	1	11	31	128	121	41	4	1	0	0	0	0	339	43	39
09:00	0	0	4	4	37	109	117	55	5	1	0	0	0	0	332	45	40
10:00	0	0	1	0	27	84	129	35	3	1	0	0	0	0	280	43	40
11:00	0	0	4	7	5	75	91	44	8	1	0	0	0	0	235	46	41
12 PM	0	0	0	2	26	97	130	37	8	1	0	0	0	0	301	44	40
13:00	0	0	0	0	20	62	93	58	10	0	0	0	0	0	243	46	42
14:00	0	0	0	0	15	80	107	54	14	0	0	0	0	0	270	46	41
15:00	0	1	3	1	16	115	131	65	5	1	0	0	0	1	339	45	41
16:00	0	0	0	2	29	124	179	58	15	0	0	0	0	0	407	45	41
17:00	0	0	0	0	20	102	171	67	7	0	0	0	0	0	367	45	41
18:00	0	0	0	3	6	68	119	46	11	3	0	0	0	0	256	46	42
19:00	0	0	0	3	11	63	81	23	2	0	0	0	0	0	183	43	40
20:00	0	0	1	2	20	39	50	12	2	0	0	0	0	0	126	43	39
21:00	0	0	0	1	9	24	43	19	4	0	0	0	0	0	100	46	41
22:00	0	0	0	0	1	10	23	14	3	0	0	0	0	0	51	47	43
23:00	0	0	0	0	0	10	17	6	1	2	0	0	0	0	36	47	43
Total	1	1	16	49	355	1440	1894	748	124	14	0	0	0	1	4643		
%	0.0%	0.0%	0.3%	1.1%	7.6%	31.0%	40.8%	16.1%	2.7%	0.3%	0.0%	0.0%	0.0%	0.0%			
AM Peak	08:00		09:00	08:00	07:00	07:00	07:00	09:00	11:00	00:00					07:00		
Vol.	1		4	11	47	142	138	55	8	1					381		
PM Peak		15:00	15:00	18:00	16:00	16:00	16:00	17:00	16:00	18:00				15:00	16:00		
Vol.		1	3	3	29	124	179	67	15	3				1	407		

Stats

15th Percentile :	34 MPH
50th Percentile :	40 MPH
85th Percentile :	45 MPH
95th Percentile :	48 MPH

Mean Speed(Average) :	41 MPH
10 MPH Pace Speed :	35-44 MPH
Number in Pace :	3334
Percent in Pace :	71.8%
Number of Vehicles > 40 MPH :	2402
Percent of Vehicles > 40 MPH :	51.7%

Sandwich Road
south of Nathan Ellis Highway (Route 151)
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SB

Start Time	1 14	15 19	20 24	25 29	30 34	35 39	40 44	45 49	50 54	55 59	60 64	65 69	70 9999	Total	85th % ile	Ave Speed
03/27/																
18	0	0	0	0	0	4	6	2	2	0	0	0	0	14	48	43
01:00	0	0	0	1	0	1	3	0	0	0	0	0	0	5	42	38
02:00	0	0	0	0	1	0	2	0	0	0	0	0	0	3	42	39
03:00	0	0	0	0	0	0	4	1	0	0	0	0	0	5	45	43
04:00	0	0	0	0	1	3	6	3	0	0	0	0	0	13	45	41
05:00	0	0	0	3	11	11	17	7	1	0	0	0	1	51	44	39
06:00	0	0	1	7	16	65	58	21	1	1	0	0	0	170	43	39
07:00	0	0	0	5	37	113	111	22	6	4	0	0	0	298	43	39
08:00	0	0	1	4	32	106	113	45	5	0	0	0	0	306	44	40
09:00	0	1	0	5	36	133	101	14	5	1	0	0	0	296	42	39
10:00	0	0	0	4	36	89	91	29	2	0	0	0	0	251	43	39
11:00	0	0	0	5	33	109	90	35	7	1	0	0	0	280	44	40
12 PM	0	1	1	6	28	99	114	32	1	0	0	0	0	282	43	39
13:00	0	1	0	11	22	71	100	22	1	0	0	0	0	228	43	39
14:00	1	0	1	4	34	91	112	26	3	1	0	1	0	274	43	39
15:00	0	1	0	4	28	135	138	46	8	0	0	0	0	360	44	40
16:00	0	0	0	5	30	140	163	57	8	1	0	0	0	404	44	40
17:00	0	0	0	4	28	127	153	48	10	0	0	0	0	370	44	40
18:00	0	0	0	0	26	92	98	43	4	0	0	0	0	263	44	40
19:00	0	0	0	2	18	65	55	28	2	0	0	0	0	170	44	40
20:00	0	1	0	3	19	63	71	11	2	1	0	0	0	171	43	39
21:00	0	0	0	0	17	32	46	11	3	1	0	0	0	110	43	40
22:00	0	0	0	2	4	28	21	9	1	0	0	0	0	65	44	40
23:00	0	0	0	0	0	10	14	2	0	1	0	0	0	27	43	41
Total	1	5	4	75	457	1587	1687	514	72	12	0	1	1	4416		
%	0.0%	0.1%	0.1%	1.7%	10.3%	35.9%	38.2%	11.6%	1.6%	0.3%	0.0%	0.0%	0.0%			
AM Peak		09:00	06:00	06:00	07:00	09:00	08:00	08:00	11:00	07:00			05:00	08:00		
Vol.		1	1	7	37	133	113	45	7	4			1	306		
PM Peak	14:00	12:00	12:00	13:00	14:00	16:00	16:00	16:00	17:00	14:00		14:00		16:00		
Vol.	1	1	1	11	34	140	163	57	10	1		1		404		

Stats

15th Percentile :	34 MPH
50th Percentile :	39 MPH
85th Percentile :	43 MPH
95th Percentile :	47 MPH

Mean Speed(Average) :	40 MPH
10 MPH Pace Speed :	35-44 MPH
Number in Pace :	3274
Percent in Pace :	74.1%
Number of Vehicles > 40 MPH :	1950
Percent of Vehicles > 40 MPH :	44.1%

Sandwich Road
south of Nathan Ellis Highway (Route 151)
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INDUSTRIES, LLC

46 Morton Street, Framingham, MA 01702
Office: 508-875-0100 Fax: 508-875-0118
Email: datarequests@pdillc.com

186123 GG Speed
Site Code: T0771

SB

Start Time	14	15	20	25	30	35	40	45	50	55	60	65	70	Total	85th % ile	Ave Speed
	14	19	24	29	34	39	44	49	54	59	64	69	9999			
03/28/18	0	0	0	0	2	1	6	1	0	0	0	0	0	10	43	40
01:00	0	0	0	0	0	1	1	2	0	0	0	0	0	4	47	43
02:00	0	0	0	0	2	2	2	2	0	0	0	0	0	8	46	39
03:00	0	0	0	0	0	1	2	0	0	1	0	0	0	4	56	44
04:00	0	0	0	0	1	4	2	2	2	0	0	0	0	11	49	42
05:00	0	0	0	2	8	10	18	16	0	0	0	0	0	54	46	41
06:00	0	0	0	9	26	68	82	18	1	0	0	0	0	204	43	39
07:00	0	0	0	13	43	104	115	35	4	1	1	0	0	316	43	39
08:00	0	0	0	4	43	141	121	33	3	0	0	0	0	345	43	39
09:00	0	0	0	5	42	109	96	21	4	0	0	0	0	277	43	39
10:00	0	0	1	9	40	110	82	19	4	2	0	0	0	267	43	38
11:00	0	0	0	3	31	95	80	33	1	1	0	0	0	244	43	39
12 PM	0	0	3	8	48	116	98	18	3	0	0	0	0	294	42	38
13:00	0	0	0	6	24	98	96	30	3	1	0	0	0	258	43	40
14:00	0	1	4	3	30	123	112	31	3	0	0	0	0	307	43	39
15:00	0	0	1	3	30	114	151	44	5	2	0	0	0	350	43	40
16:00	0	2	0	7	34	132	163	34	1	1	0	0	0	374	43	39
17:00	0	0	0	6	29	120	158	51	4	0	0	0	0	368	43	40
18:00	0	0	0	4	24	75	111	31	1	1	0	0	0	247	43	40
19:00	0	0	0	2	20	69	74	16	3	0	1	1	0	186	43	40
20:00	0	0	0	2	12	58	65	17	3	0	0	0	0	157	43	40
21:00	0	0	0	0	13	38	58	22	0	0	0	0	0	131	44	40
22:00	0	0	0	0	7	17	11	20	4	0	0	0	0	59	47	42
23:00	0	0	0	0	1	9	14	9	2	0	0	0	0	35	47	42
Total	0	3	9	86	510	1615	1718	505	51	10	2	1	0	4510		
%	0.0%	0.1%	0.2%	1.9%	11.3%	35.8%	38.1%	11.2%	1.1%	0.2%	0.0%	0.0%	0.0%			
AM Peak			10:00	07:00	07:00	08:00	08:00	07:00	07:00	10:00	07:00			08:00		
Vol.			1	13	43	141	121	35	4	2	1			345		
PM Peak		16:00	14:00	12:00	12:00	16:00	16:00	17:00	15:00	15:00	19:00	19:00		16:00		
Vol.		2	4	8	48	132	163	51	5	2	1	1		374		

Stats

15th Percentile :	34 MPH
50th Percentile :	39 MPH
85th Percentile :	43 MPH
95th Percentile :	47 MPH

Mean Speed(Average) :	39 MPH
10 MPH Pace Speed :	35-44 MPH
Number in Pace :	3333
Percent in Pace :	73.9%
Number of Vehicles > 40 MPH :	1943
Percent of Vehicles > 40 MPH :	43.1%

Appendix E. Road Safety Audit References

Road Safety Audit References

Massachusetts Traffic Safety Toolbox, Massachusetts Highway Department,
www.mhd.state.ma.us/safetytoolbox.

Road Safety Audits, A Synthesis of Highway Practice. NCHRP Synthesis 336. Transportation Research Board, National Cooperative Highway Research Program, 2004.

Road Safety Audits. Institute of Transportation Engineers and U.S. Department of Transportation, Federal Highway Administration, www.roadwaysafetyaudits.org.

FHWA Road Safety Audit Guidelines. U.S. Department of Transportation, Federal Highway Administration, 2006.

Road Safety Audit, 2nd edition. Austroads, 2000.

Road Safety Audits. ITE Technical Council Committee 4S-7. Institute of Transportation Engineers, February 1995.